

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
 Data File : BF115622.D
 Acq On : 17 Jul 2019 14:43
 Operator : HP/JU
 Sample : PB121441BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121441BS

Manual Integrations
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 7/19/2019 2:25:50 PM

Quant Time: Jul 18 04:54:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	157640	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	655197	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	328605	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	648100	20.00	ng	0.00
76) Chrysene-d12	14.04	240	424929	20.00	ng	-0.01
87) Perylene-d12	15.50	264	322143	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1209136	125.46	ng	0.02
7) Phenol-d6	6.52	99	1346514	110.11	ng	0.00
23) Nitrobenzene-d5	7.45	82	814739	72.31	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	407745	106.30	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1521792	81.06	ng	-0.01
79) Terphenyl-d14	12.98	244	1672943	72.64	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	176342	36.682	ng	98
3) Pyridine	3.52	79	446735	34.252	ng	99
4) n-Nitrosodimethylamine	3.46	42	201554	42.597	ng	95
6) Aniline	6.55	93	420172	24.690	ng	99
8) 2-Chlorophenol	6.67	128	406848	36.718	ng	95
9) Benzaldehyde	6.43	77	42619	5.577	ng	99
10) Phenol	6.53	94	523550	36.880	ng	87
11) bis(2-Chloroethyl)ether	6.62	93	377694	34.945	ng	99
12) 1,3-Dichlorobenzene	6.83	146	422612	33.923	ng	99
13) 1,4-Dichlorobenzene	6.90	146	426215	34.290	ng	96
14) 1,2-Dichlorobenzene	7.06	146	402294	35.405	ng	96
15) Benzyl Alcohol	7.02	79	361855	37.301	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	502605	35.322	ng	98
17) 2-Methylphenol	7.13	107	350465	36.702	ng	99
18) Hexachloroethane	7.40	117	155431	33.690	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	282684	35.444	ng	99
20) 3+4-Methylphenols	7.29	107	416427	36.715	ng	96
22) Acetophenone	7.29	105	557345	37.654	ng	# 94
24) Nitrobenzene	7.46	77	442939	36.445	ng	97
25) Isophorone	7.70	82	826123	36.639	ng	99
26) 2-Nitrophenol	7.78	139	233389	37.309	ng	97
27) 2,4-Dimethylphenol	7.82	122	395983	42.306	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	497654	35.977	ng	99
29) 2,4-Dichlorophenol	8.02	162	368809	37.888	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	393486	35.760	ng	97
31) Naphthalene	8.19	128	1190009	37.503	ng	97
32) Benzoic acid	7.95	122	288865	37.606	ng	100
33) 4-Chloroaniline	8.23	127	295347	21.013	ng	98
34) Hexachlorobutadiene	8.31	225	223736	35.458	ng	98
35) Caprolactam	8.60	113	118953m	39.545	ng	
36) 4-Chloro-3-methylphenol	8.72	107	382349	37.866	ng	98
37) 2-Methylnaphthalene	8.88	142	814714	38.734	ng	97
38) 1-Methylnaphthalene	8.97	142	761951	38.138	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	375656	37.962	ng	98

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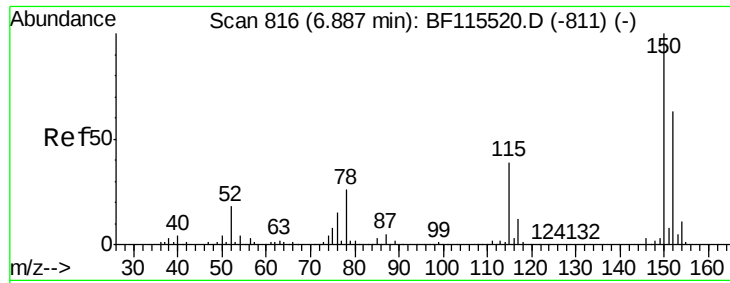
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Quant Time: Jul 18 04:54:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	311078	55.109	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	268382	37.087	nq	99
44) 2,4,5-Trichlorophenol	9.20	196	280226	37.813	nq	98
46) 1,1'-Biphenyl	9.34	154	1004388	39.096	nq	98
47) 2-Chloronaphthalene	9.37	162	784349	36.667	nq	98
48) 2-Nitroaniline	9.46	65	234051	35.351	nq	97
49) Acenaphthylene	9.78	152	1180042	37.230	nq	98
50) Dimethylphthalate	9.64	163	929499	37.596	nq	99
51) 2,6-Dinitrotoluene	9.70	165	215672	38.386	nq	96
52) Acenaphthene	9.95	154	841710	41.132	nq	98
53) 3-Nitroaniline	9.86	138	155673	24.246	nq	99
54) 2,4-Dinitrophenol	9.97	184	233456	80.930	nq	99
55) Dibenzofuran	10.13	168	1078776	37.122	nq	98
56) 4-Nitrophenol	10.03	139	346198	70.710	nq	99
57) 2,4-Dinitrotoluene	10.10	165	282271	38.778	nq	93
58) Fluorene	10.47	166	802874	38.646	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	248827	40.165	nq	98
60) Diethylphthalate	10.34	149	893172	38.558	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	419198	36.386	nq	97
62) 4-Nitroaniline	10.48	138	205483	33.364	nq	97
63) Azobenzene	10.62	77	853457	37.984	nq	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	153066	38.656	nq	97
66) n-Nitrosodiphenylamine	10.57	169	737381	36.576	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	263791	35.617	nq	98
68) Hexachlorobenzene	11.02	284	299644	35.428	nq	97
69) Atrazine	11.10	200	222284	33.610	nq	99
70) Pentachlorophenol	11.21	266	350472	67.749	nq	98
71) Phenanthrene	11.43	178	1224084	36.847	nq	97
72) Anthracene	11.48	178	1235345	35.982	nq	99
73) Carbazole	11.63	167	1106733	36.760	nq	99
74) Di-n-butylphthalate	11.96	149	1378627	37.175	nq	99
75) Fluoranthene	12.62	202	1291788	36.797	nq	99
77) Benzidine	12.73	184	261588	17.378	nq	99
78) Pyrene	12.84	202	1285636	35.711	nq	97
80) Butylbenzylphthalate	13.45	149	578402	37.688	nq	96
81) Benzo(a)anthracene	14.03	228	1017138	36.334	nq	97
82) 3,3'-Dichlorobenzidine	13.99	252	316024	31.755	nq	98
83) Chrysene	14.06	228	1029066	36.618	nq	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	762615	40.116	nq	99
85) Di-n-octyl phthalate	14.63	149	1226479	40.548	nq	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	942461	39.474	nq	99
88) Benzo(b)fluoranthene	15.07	252	1019319	49.139	nq	100
89) Benzo(k)fluoranthene	15.10	252	857117	46.346	nq	99
90) Benzo(a)pyrene	15.44	252	866453	48.599	nq	99
91) Dibenzo(a,h)anthracene	16.99	278	810446	51.779	nq	99
92) Benzo(g,h,i)perylene	17.42	276	809850	51.880	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

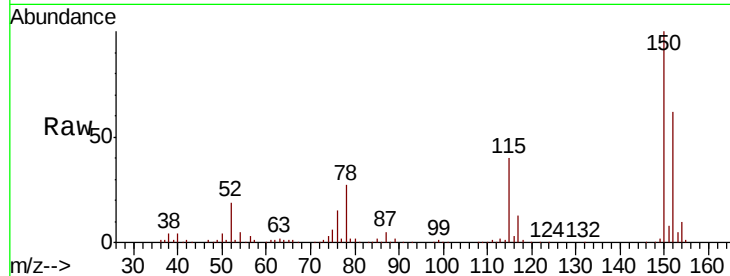
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	129.7	194.5
115	64.7	48.2	72.4

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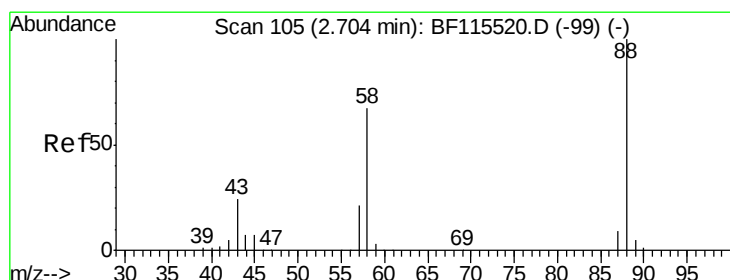
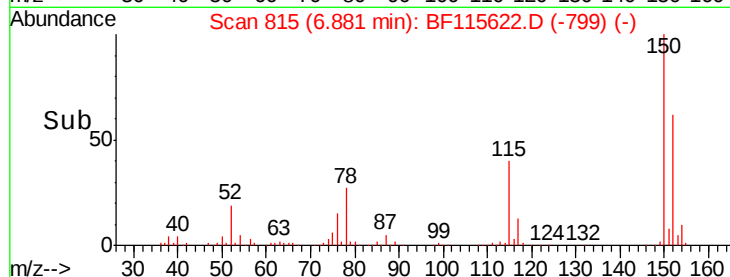
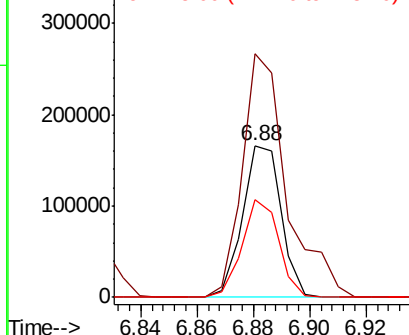


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.682 ng
RT: 2.77 min Scan# 117
Delta R.T. 0.07 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

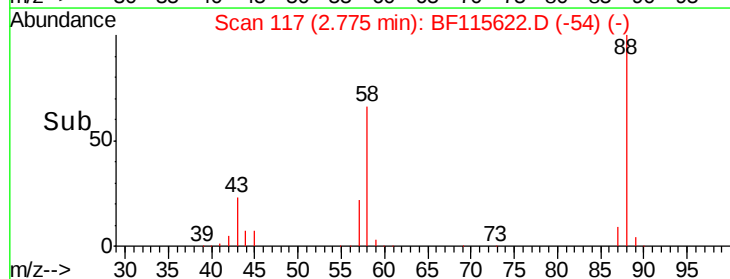
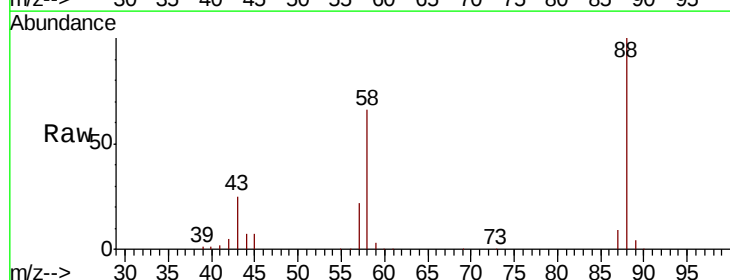
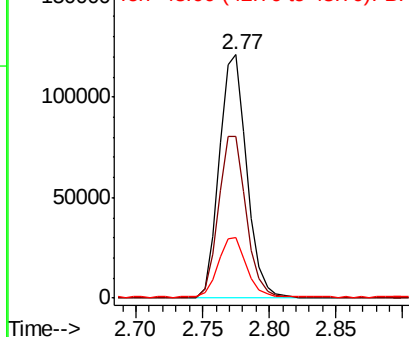
Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.1	52.6	79.0
43	24.9	19.1	28.7

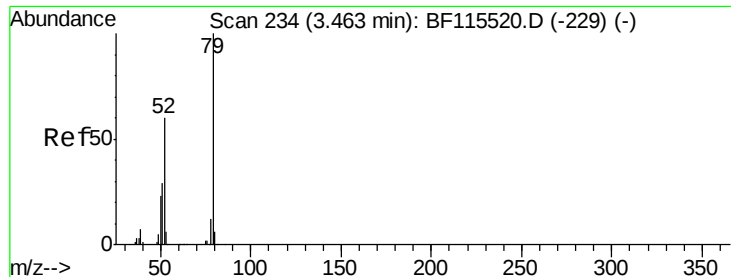
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





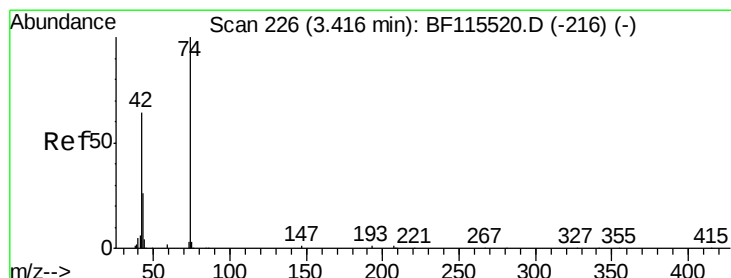
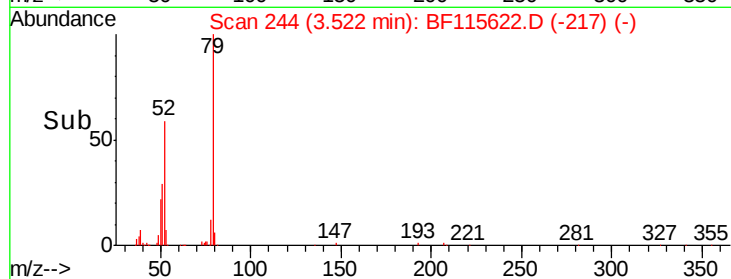
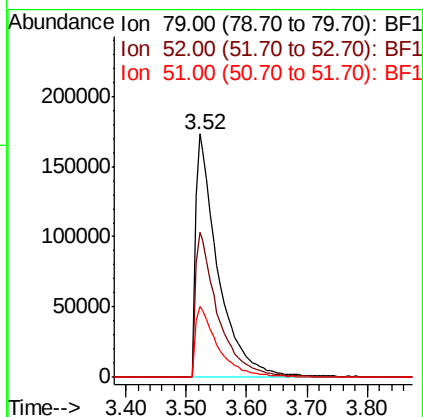
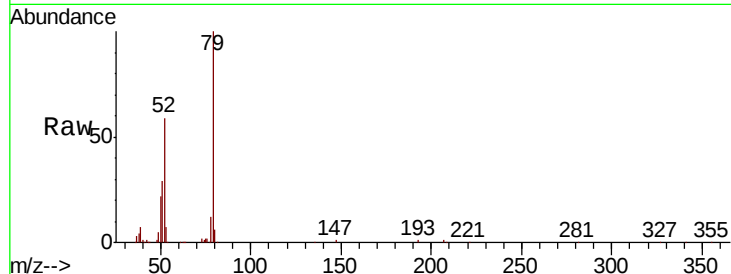
#3
 Pvridine
 Concen: 34.252 ng
 RT: 3.52 min Scan# 244
 Delta R.T. 0.06 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121441BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	59.5	47.8	71.6
51	29.1	23.8	35.8

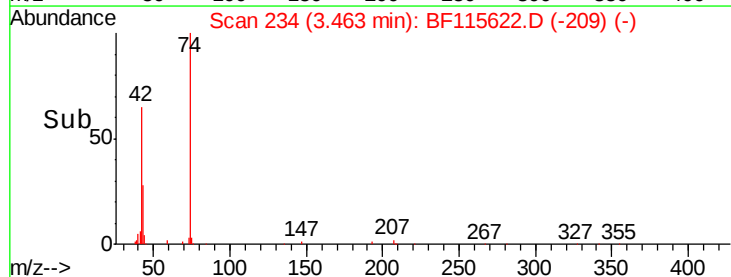
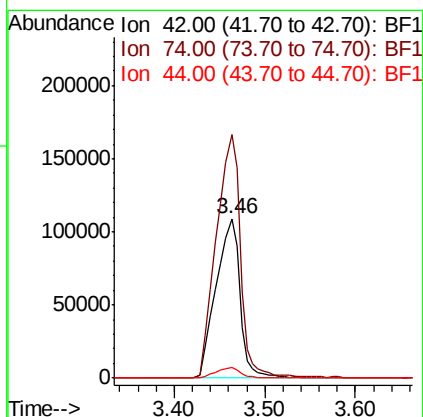
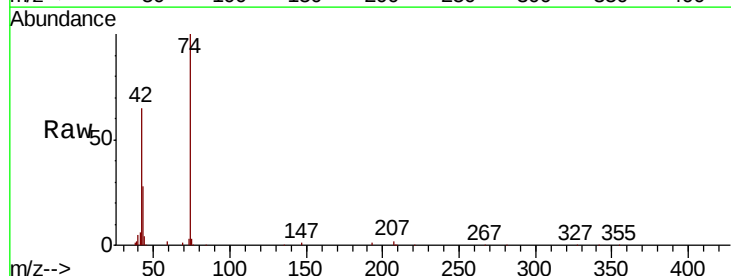
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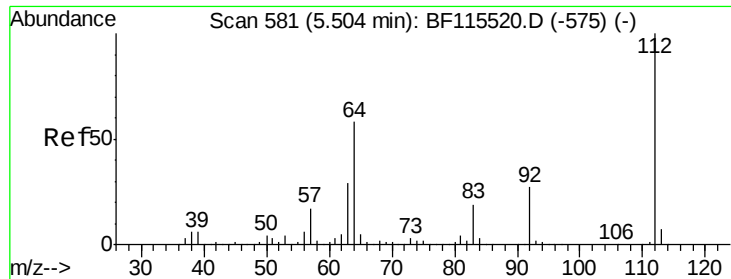
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#4
 n-Nitrosodimethylamine
 Concen: 42.597 ng
 RT: 3.46 min Scan# 234
 Delta R.T. 0.05 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	152.9	127.5	191.3
44	6.5	5.0	7.6





#5

2-Fluorophenol

Concen: 125.463 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

ClientSampled :

PB121441BS

Tot Ion: 112 Resp: 1209136

Ion Ratio Lower Upper

112 100

64 54.2 46.8 70.2

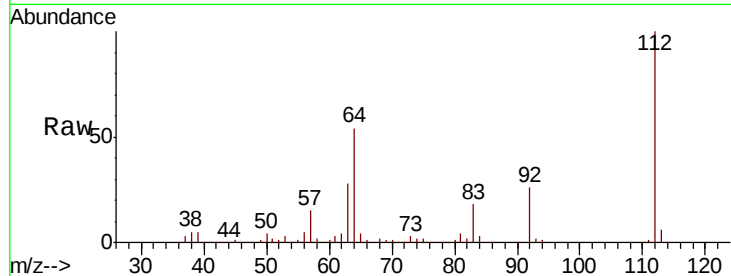
63 27.7 24.1 36.1

Manual Integrations

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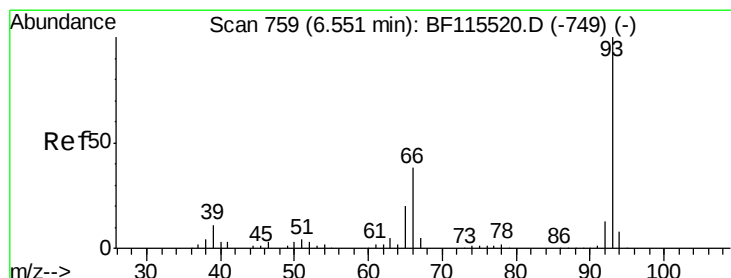
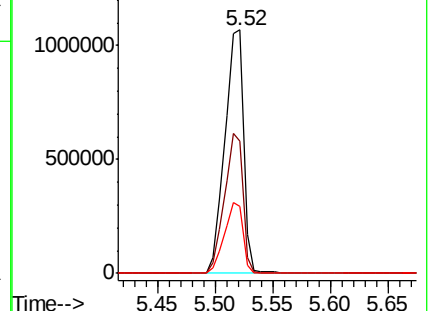
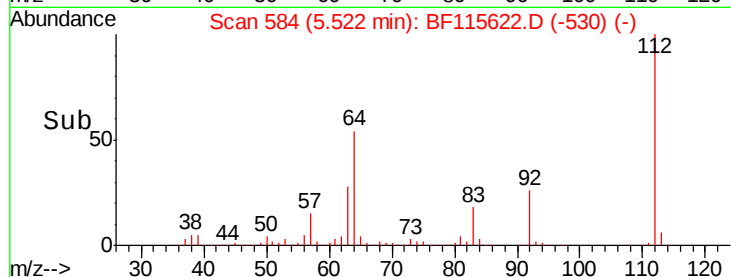
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.690 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

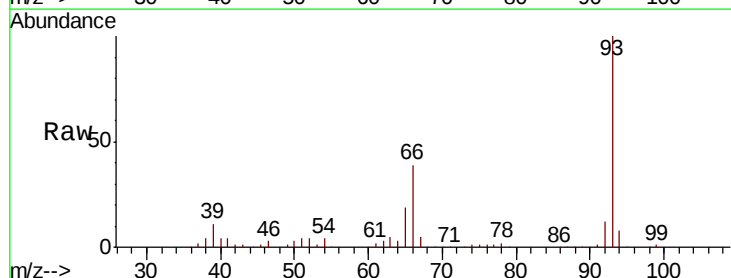
Tgt Ion: 93 Resp: 420172

Ion Ratio Lower Upper

93 100

66 38.9 31.7 47.5

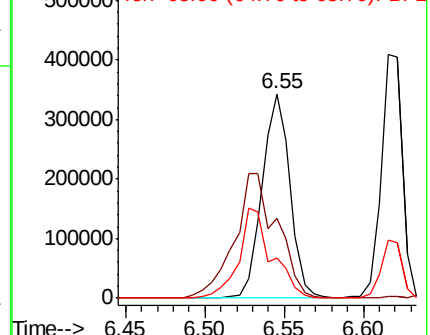
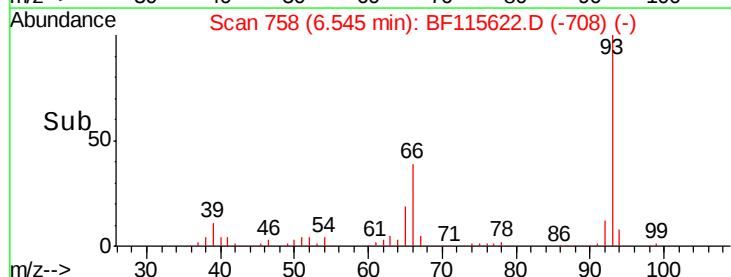
65 19.4 16.2 24.2

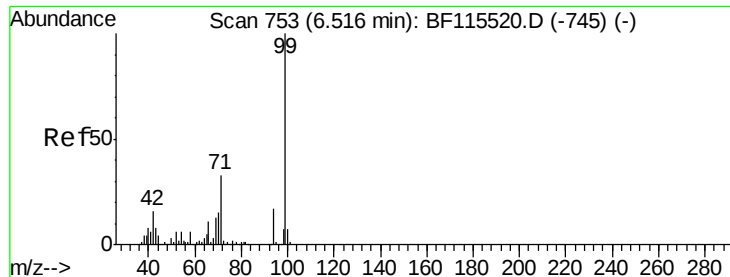


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.110 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

ClientSampleId :

PB121441BS

Tot Ion: 99 Resp: 1346514

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

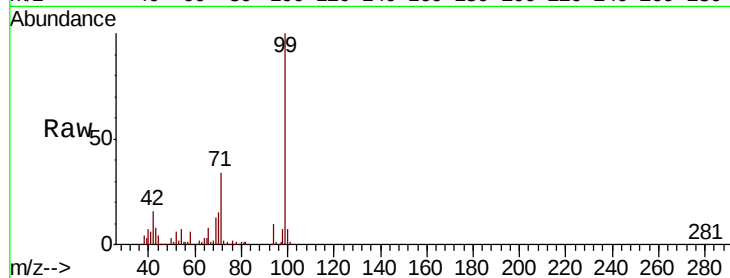
71 34.0 28.5 42.7

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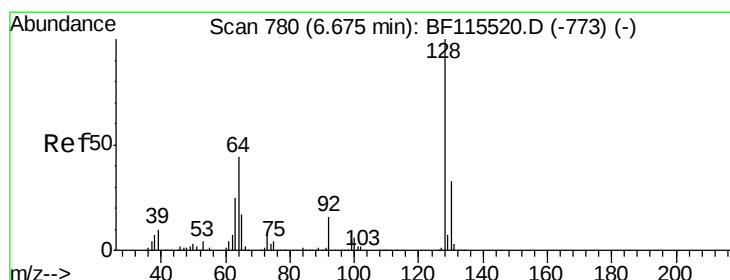
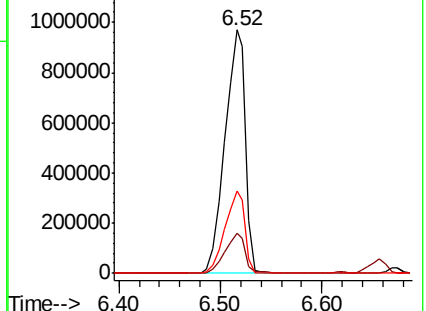
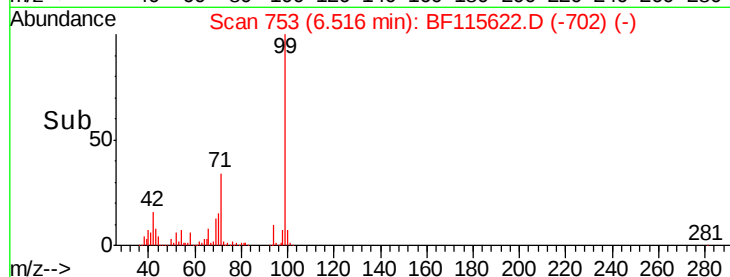
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.718 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

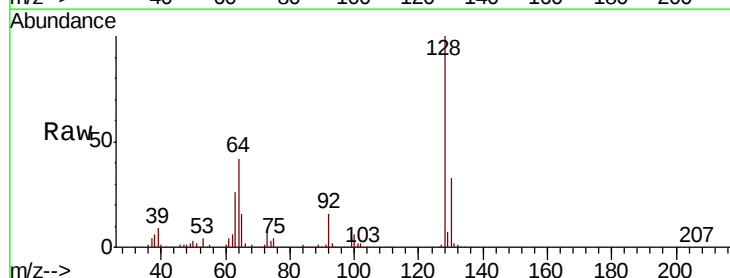
Tgt Ion: 128 Resp: 406848

Ion Ratio Lower Upper

128 100

130 33.4 12.8 52.8

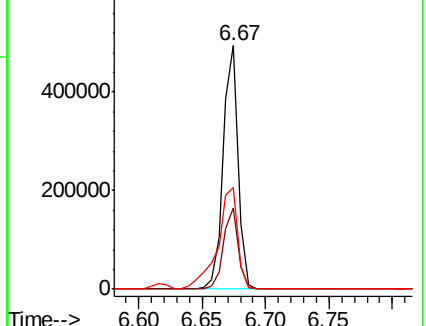
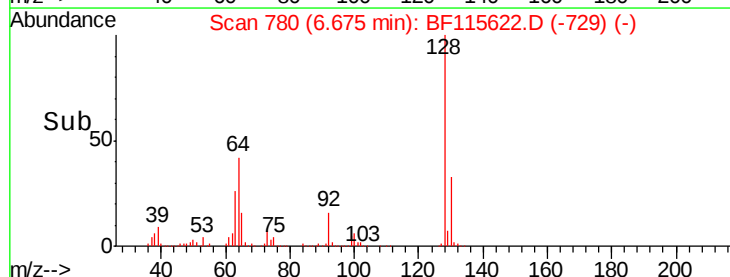
64 41.8 26.8 66.8

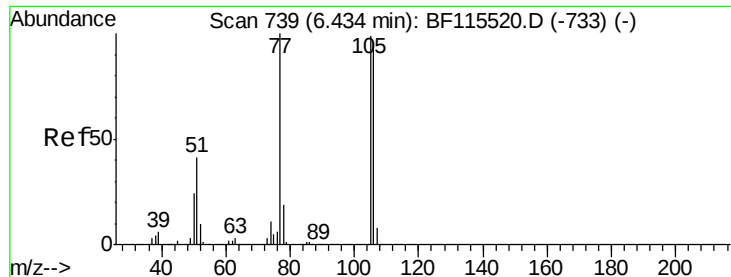


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 5.577 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

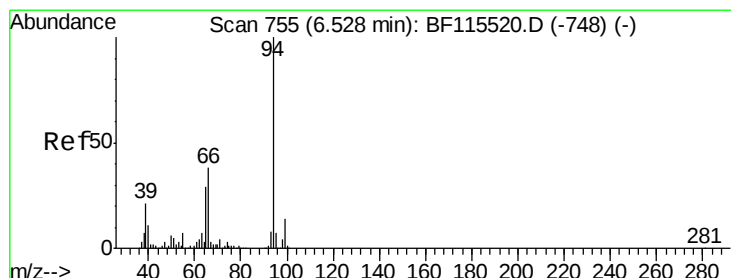
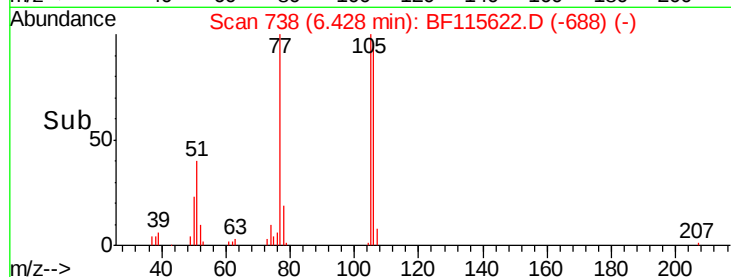
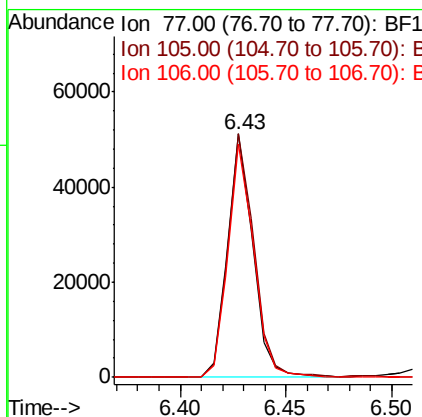
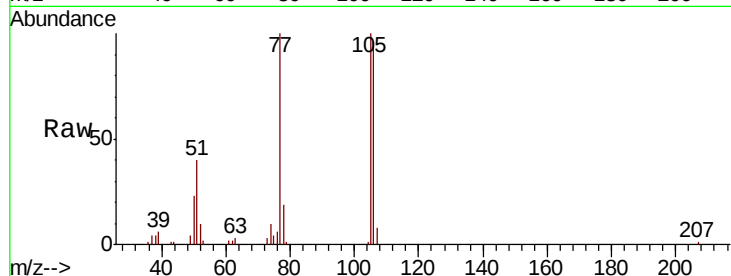
ClientSampleId :

PB121441BS

Tot Ion:	77	Resp:	42619
Ion	Ratio	Lower	Upper
77	100		
105	99.8	78.8	118.8
106	95.7	75.6	115.6

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#10

Phenol

Concen: 36.880 ng

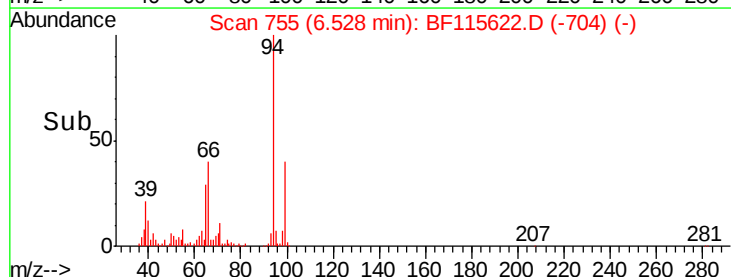
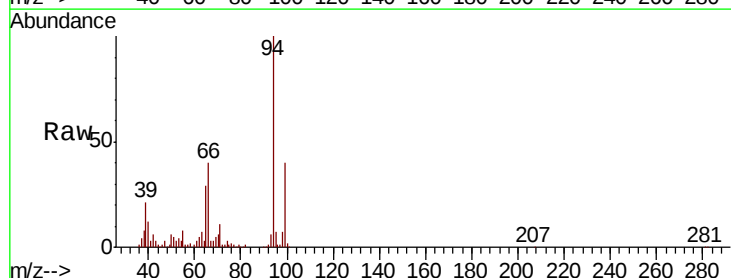
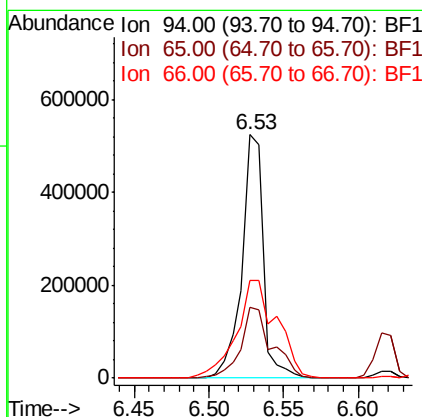
RT: 6.53 min Scan# 755

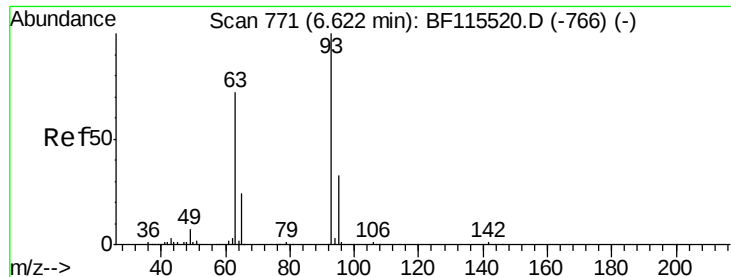
Delta R.T. -0.00 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Tgt Ion:	94	Resp:	523550
Ion	Ratio	Lower	Upper
94	100		
65	29.0	14.5	54.5
66	40.1	31.3	71.3





#11

bis(2-Chloroethyl)ether

Concen: 34.945 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

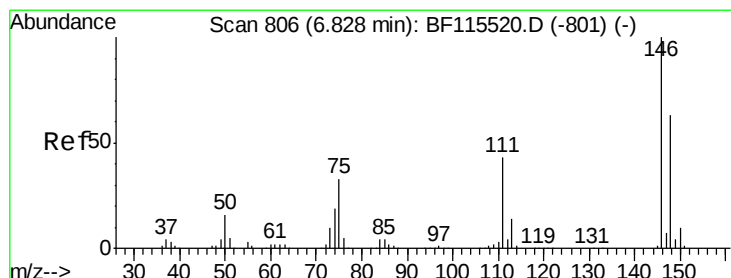
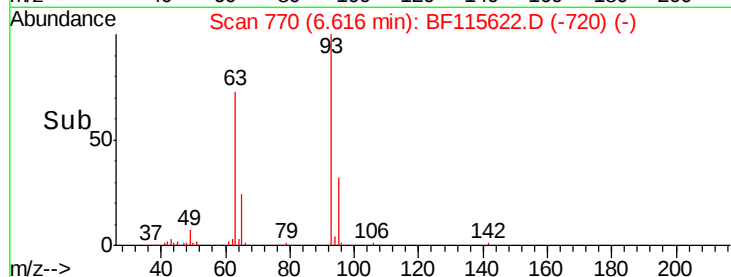
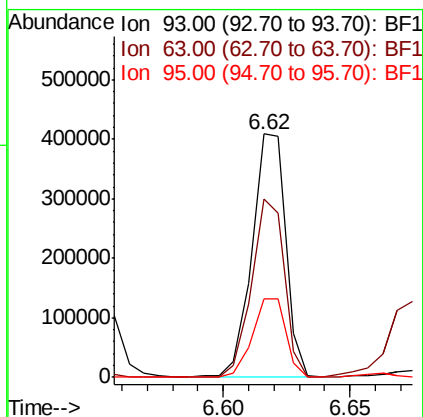
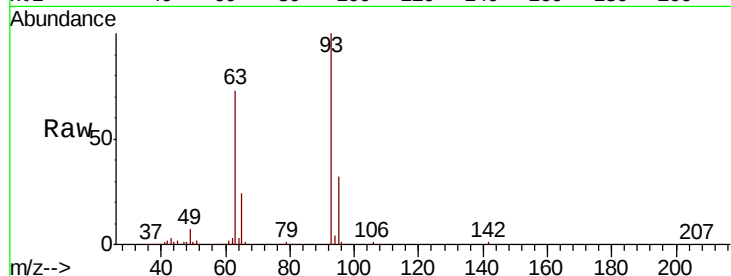
ClientSampled :

PB121441BS

Tot Ion:	93	Resp:	377694
Ion	Ratio	Lower	Upper
93	100		
63	73.2	52.2	92.2
95	32.4	12.9	52.9

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#12

1,3-Dichlorobenzene

Concen: 33.923 ng

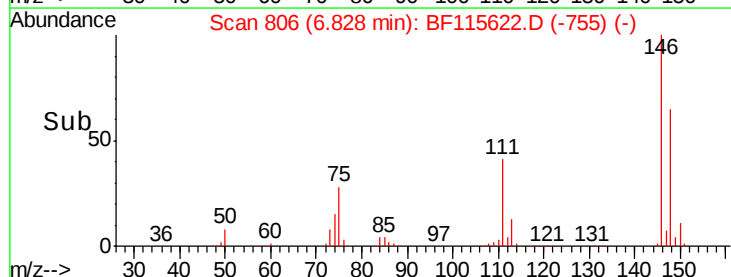
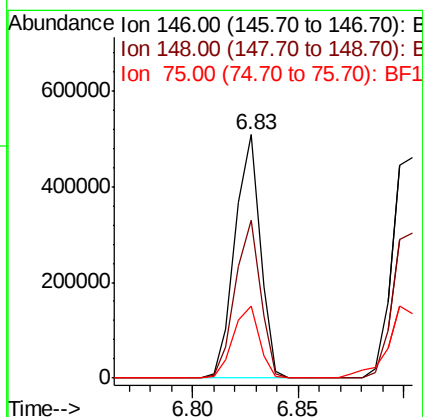
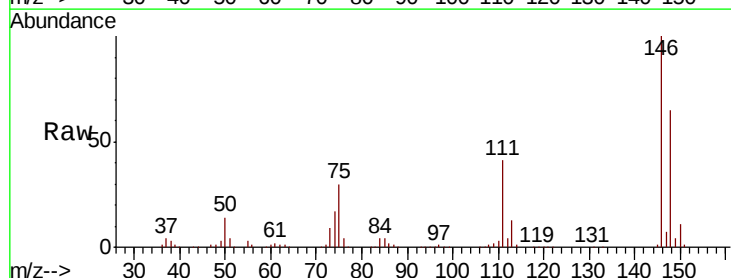
RT: 6.83 min Scan# 806

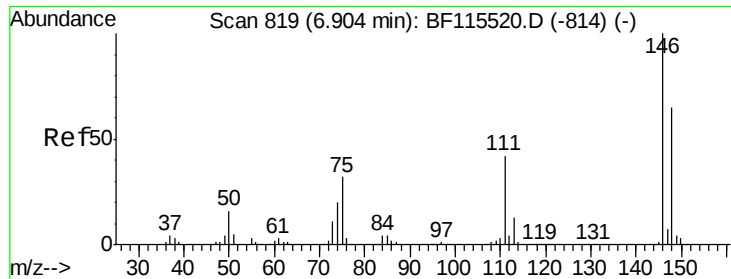
Delta R.T. -0.00 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Tgt Ion:	146	Resp:	422612
Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.1	78.1
75	29.7	24.9	37.3





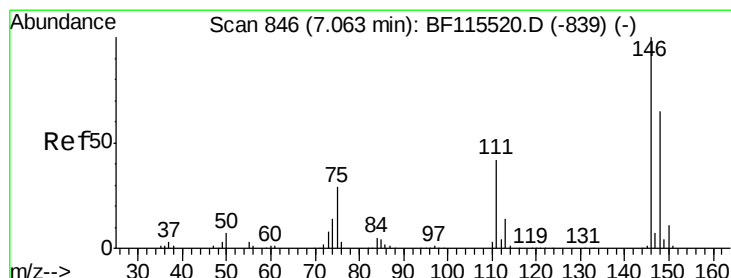
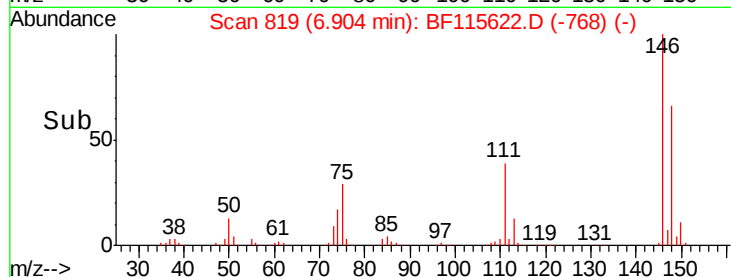
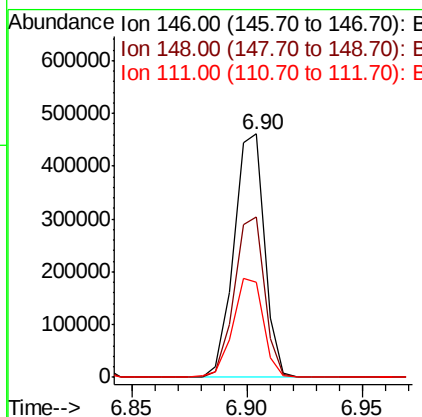
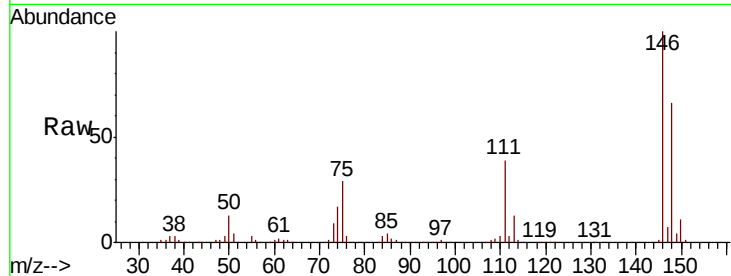
#13
 1,4-Dichlorobenzene
 Concen: 34.290 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121441BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.8	77.6
111	38.9	35.5	53.3

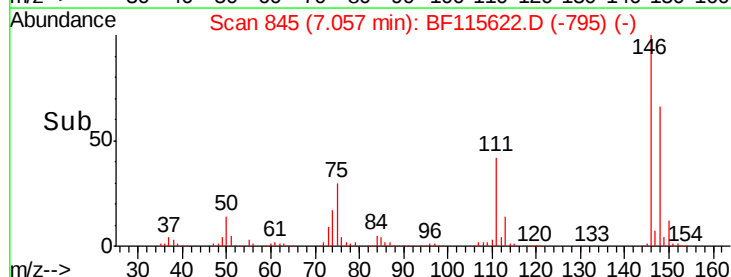
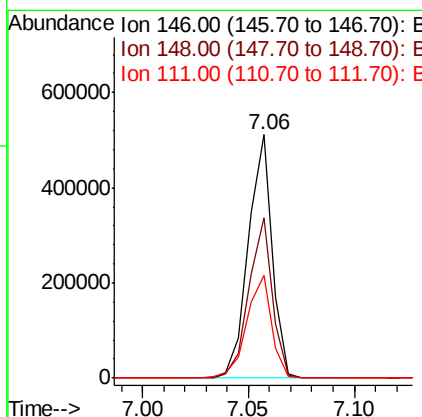
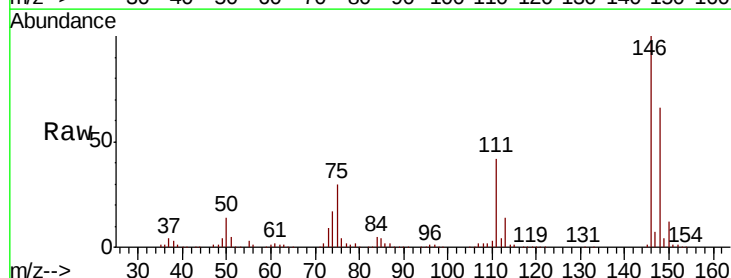
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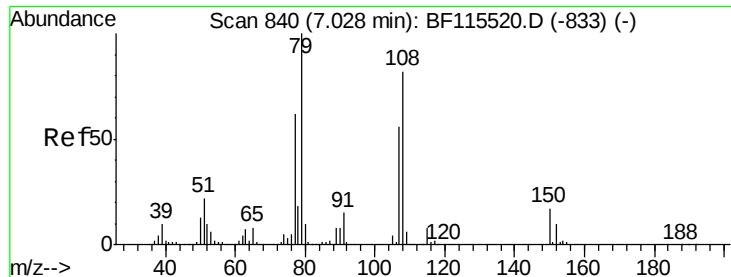
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 35.405 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.1	76.7
111	42.1	37.6	56.4





#15

Benzyl Alcohol

Concen: 37.301 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

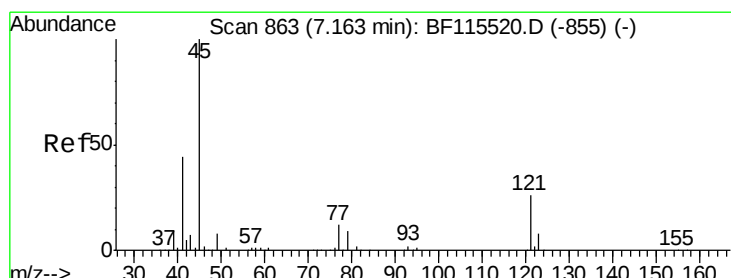
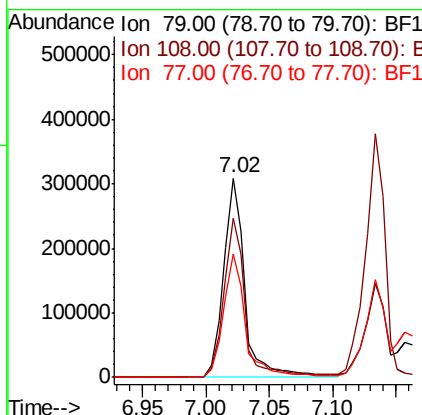
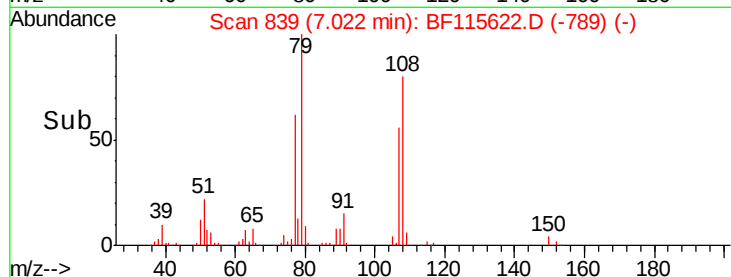
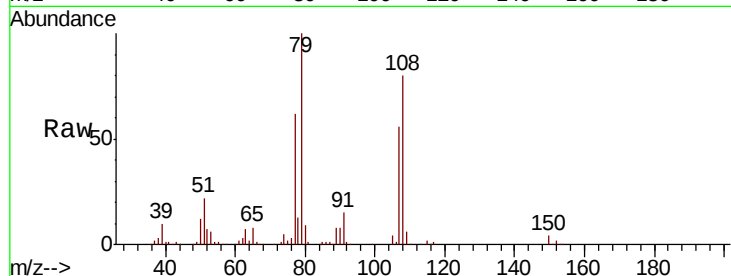
ClientSampled :

PB121441BS

Tot Ion	79	Resp	361855
Ion	Ratio	Lower	Upper
79	100		
108	80.1	64.2	96.4
77	62.2	51.8	77.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.322 ng

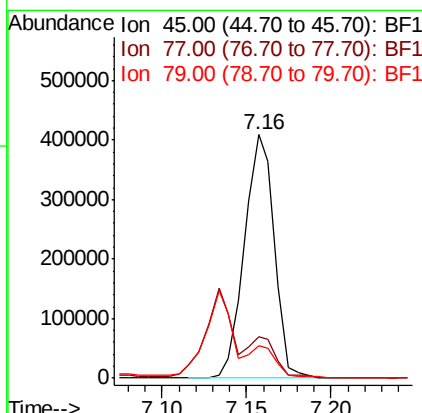
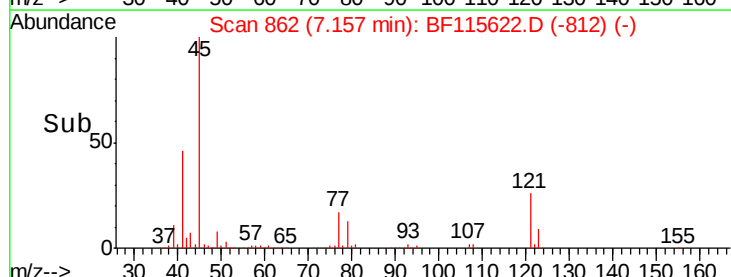
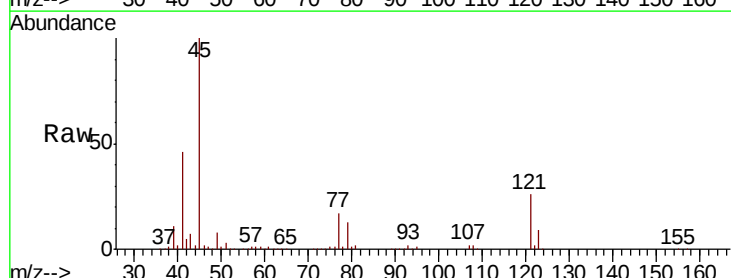
RT: 7.16 min Scan# 862

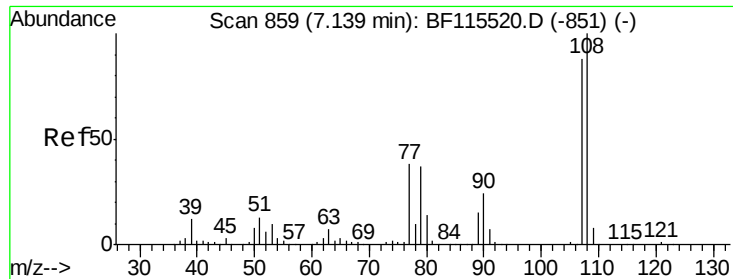
Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Tgt Ion	45	Resp	502605
Ion	Ratio	Lower	Upper
45	100		
77	17.0	0.0	38.1
79	13.2	0.0	34.1





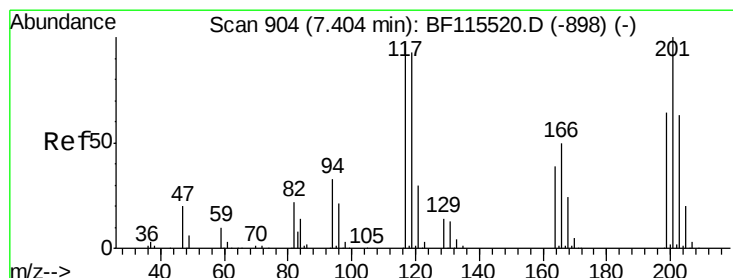
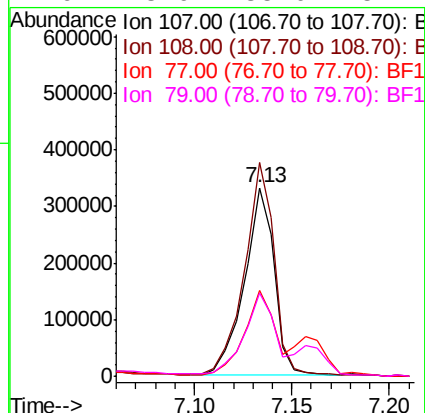
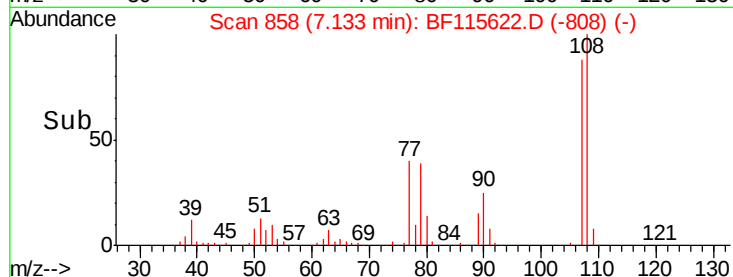
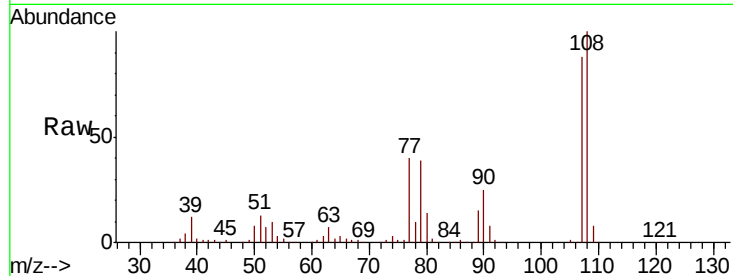
#17
2-Methylphenol
Concen: 36.702 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	89.4	134.2	
77	45.3	35.7	53.5	
79	43.9	35.0	52.4	

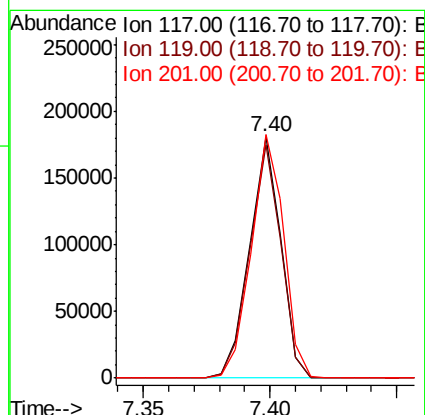
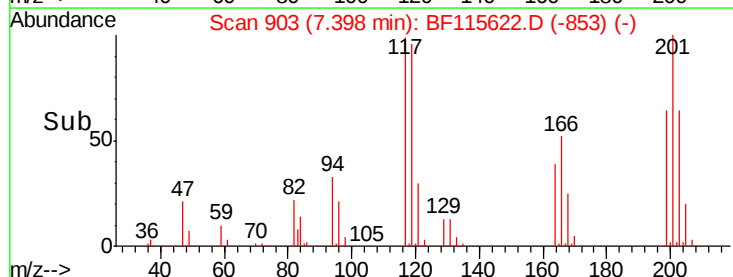
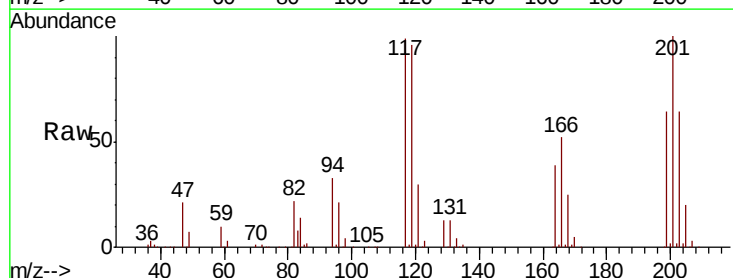
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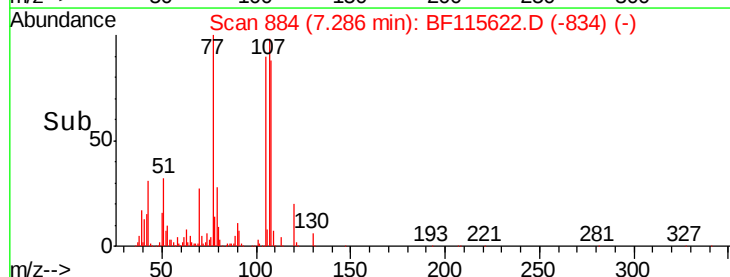
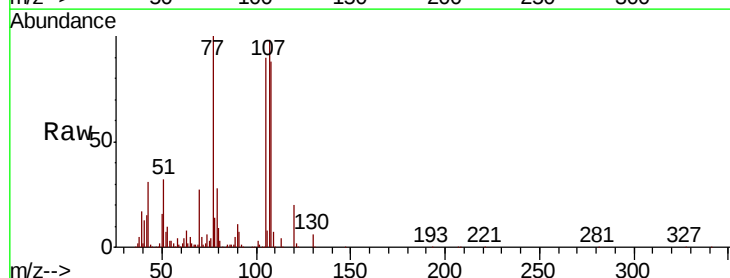
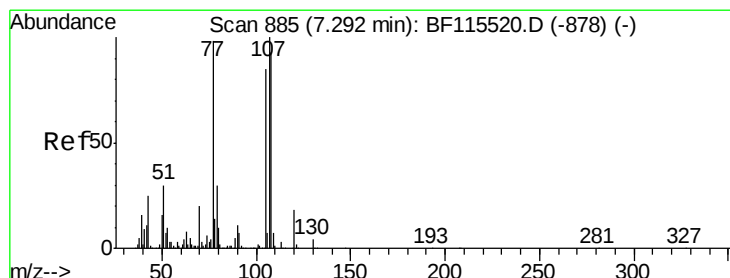
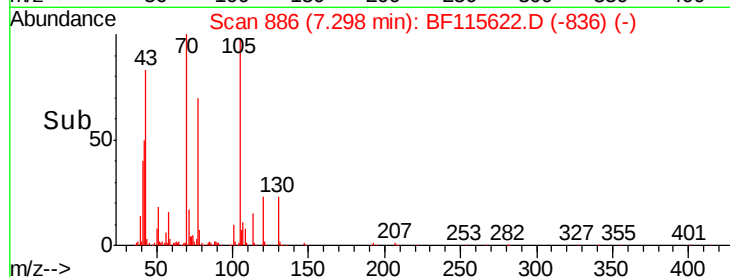
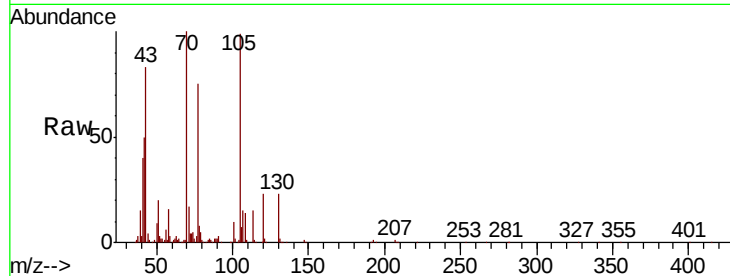
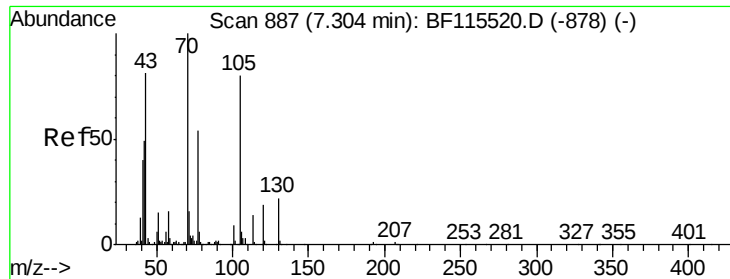
mohammad
7/19/2019 2:25:50 PM



#18
Hexachloroethane
Concen: 33.690 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	77.7	116.5	
201	100.7	86.0	129.0	





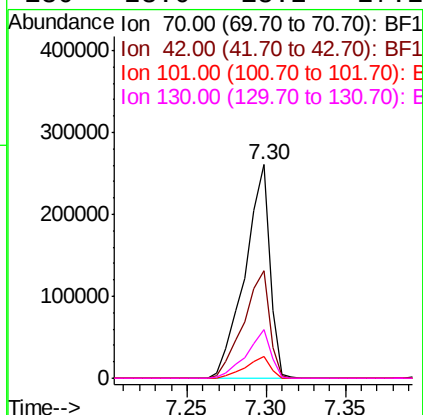
#19
n-Nitroso-di-n-propylamine
Concen: 35.444 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.1	39.6	59.4
101	10.1	8.1	12.1
130	23.0	18.2	27.2

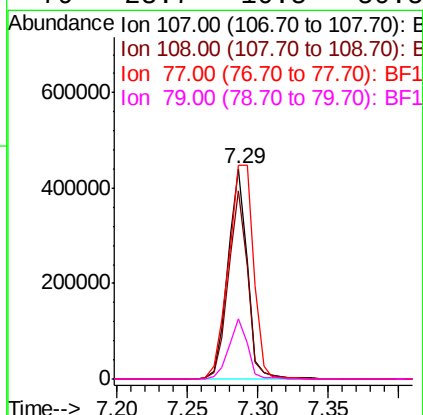
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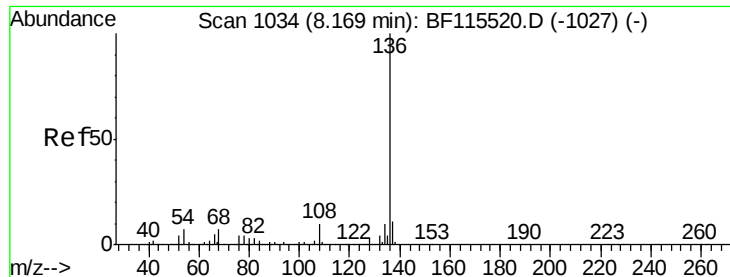
mohammad
7/19/2019 2:25:50 PM



#20
3+4-Methylphenols
Concen: 36.715 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	72.9	112.9
77	101.6	77.6	117.6
79	28.7	10.5	50.5





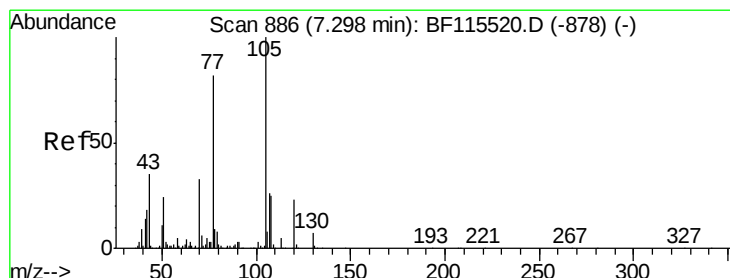
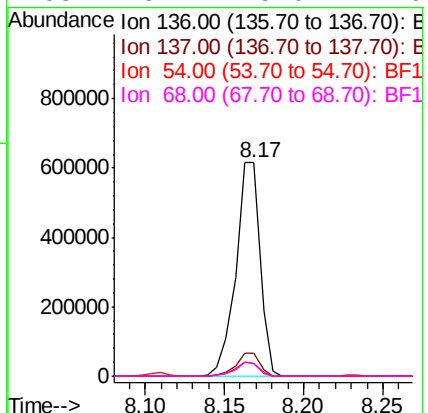
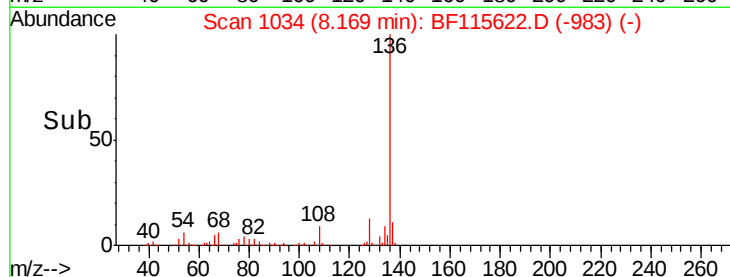
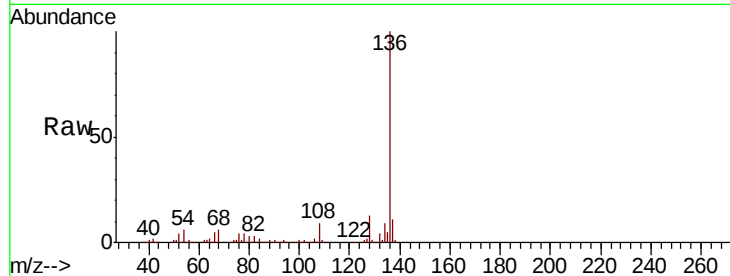
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		655197		
137	10.7		9.0	13.4	
54	6.0		5.6	8.4	
68	5.7		5.0	7.6	

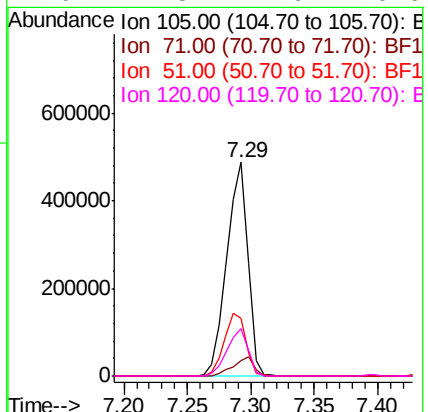
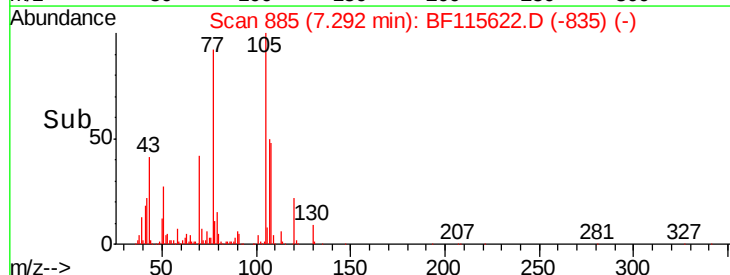
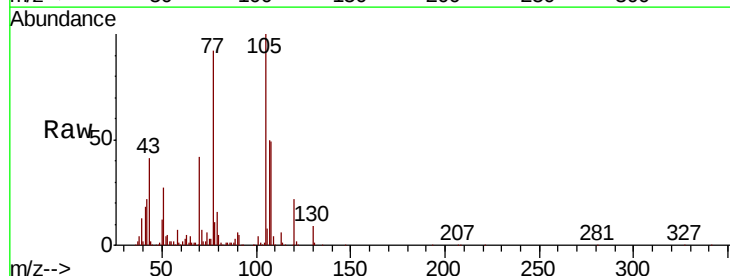
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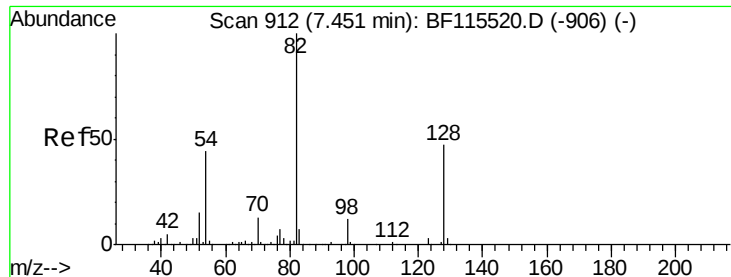
mohammad
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#22
Acetophenone
Concen: 37.654 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		557345		
71	6.9		3.5	5.3#	
51	26.8		25.6	38.4	
120	22.3		17.9	26.9	





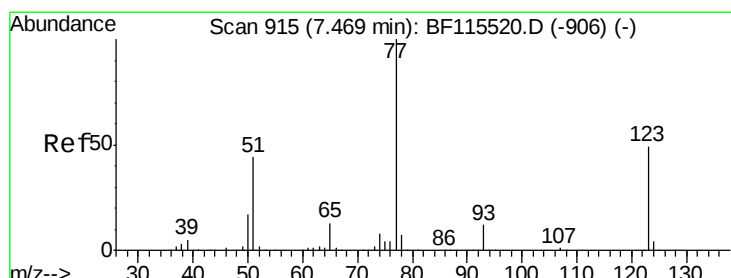
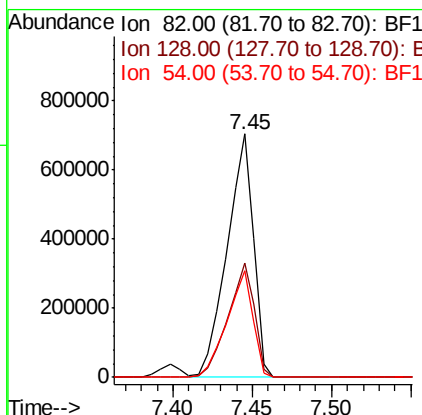
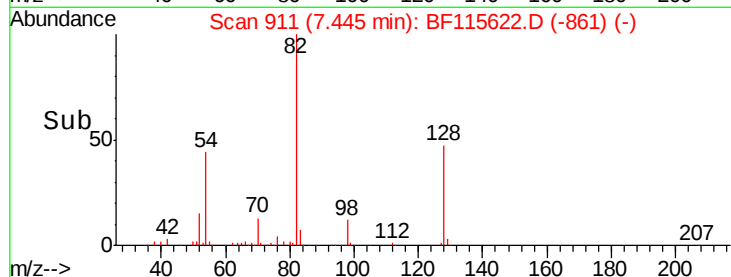
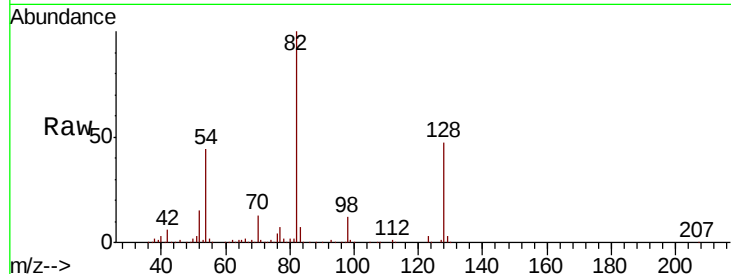
#23
Nitrobenzene-d5
Concen: 72.305 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampled :
PB121441BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	38.6	57.8
54	43.9	35.6	53.4

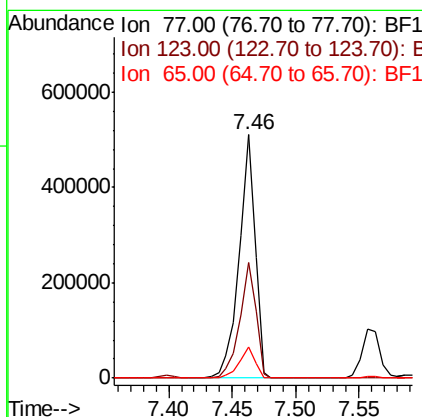
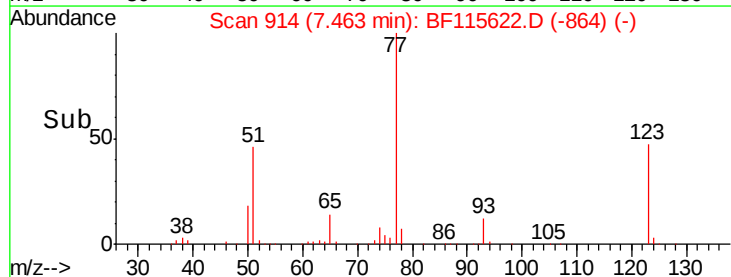
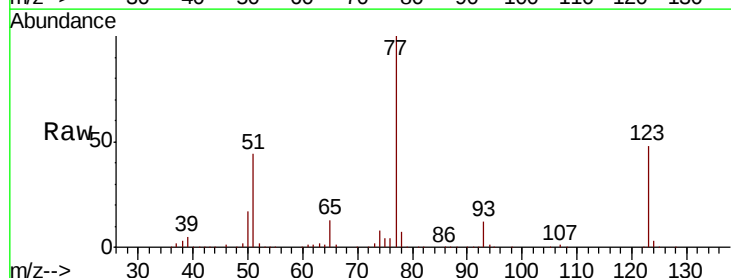
Manual Integrations
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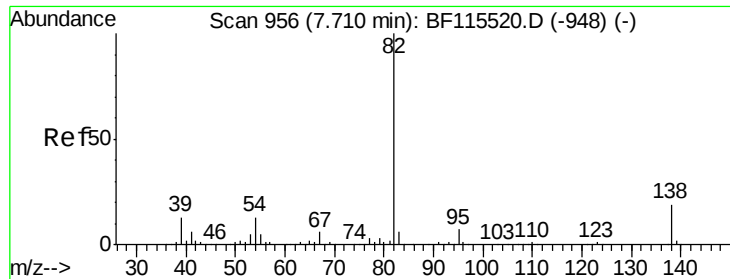
mohammad
7/19/2019 2:25:50 PM



#24
Nitrobenzene
Concen: 36.445 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.6	40.0	60.0
65	12.9	11.0	16.4





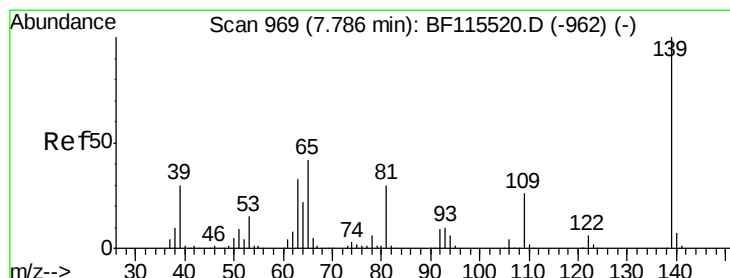
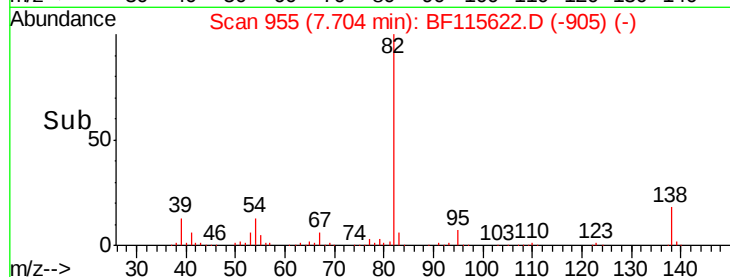
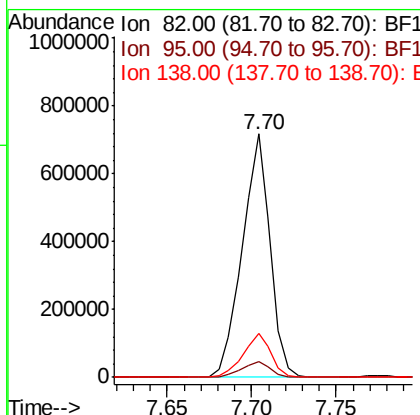
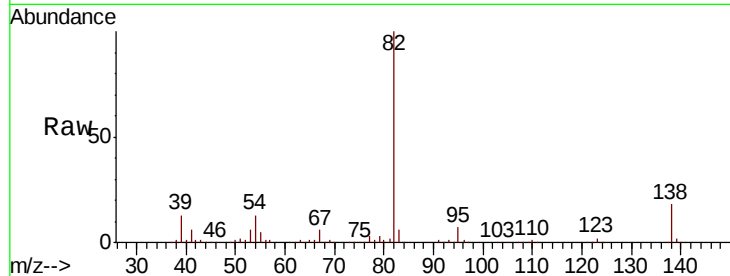
#25
Isophorone
Concen: 36.639 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	826123		
95	6.7		5.5	8.3
138	18.2		14.9	22.3

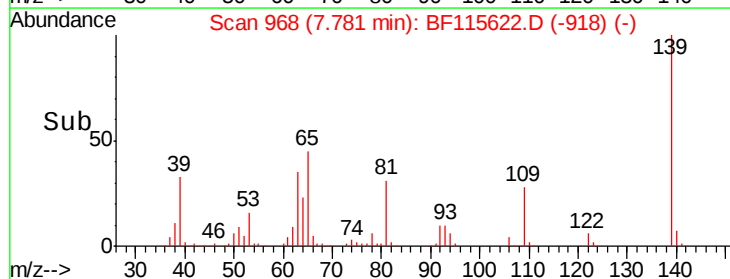
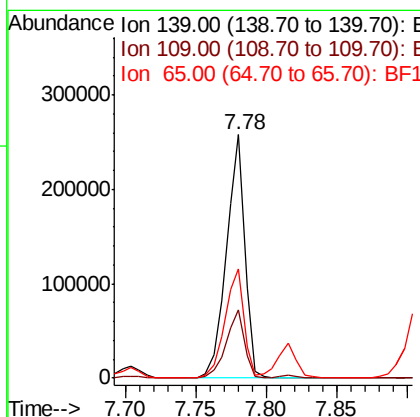
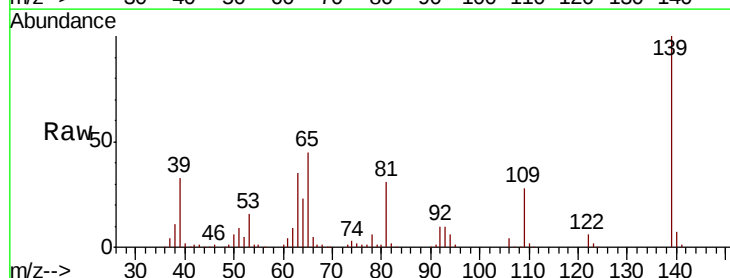
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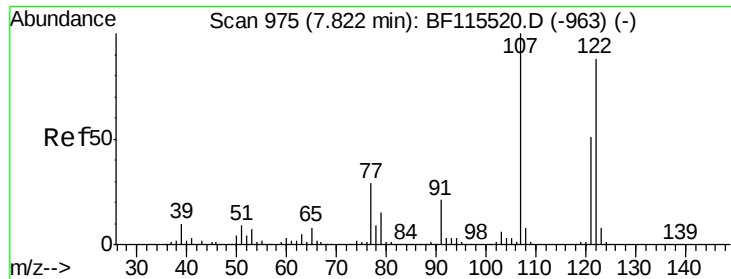
mohammad
7/19/2019 2:25:50 PM



#26
2-Nitrophenol
Concen: 37.309 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	233389		
109	27.9		23.3	34.9
65	45.0		37.9	56.9





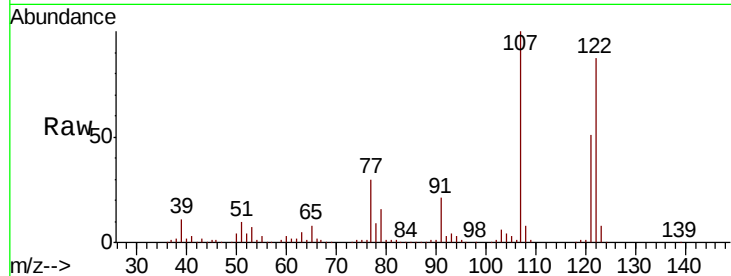
#27
 2,4-Dimethylphenol
 Concen: 42.306 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121441BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	395983		
107	114.9	92.9	139.3	
121	58.8	46.9	70.3	

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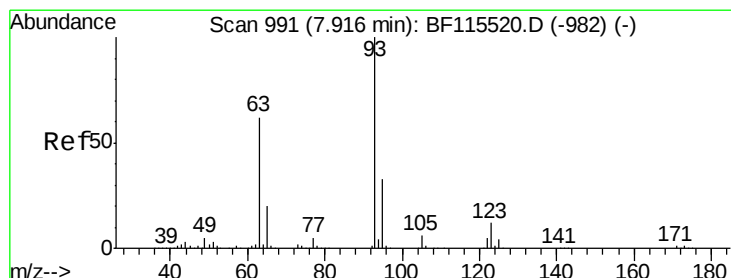
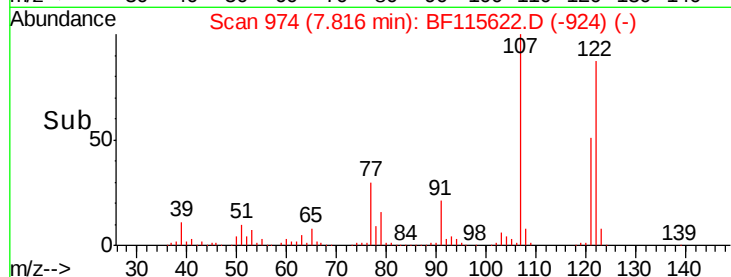
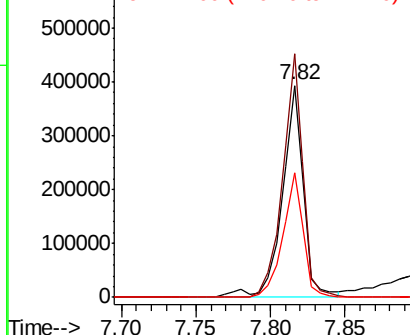


Abundance

Ion 122.00 (121.70 to 122.70): E

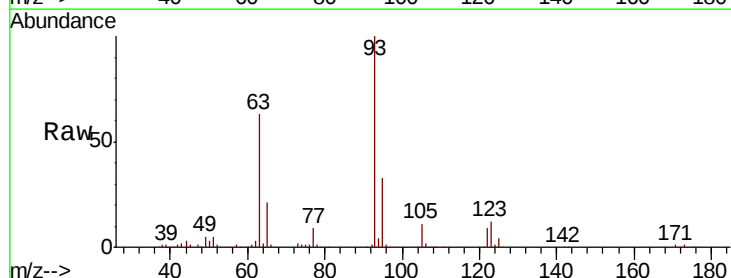
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.977 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	497654		
95	32.7	27.0	40.4	
123	12.4	9.9	14.9	

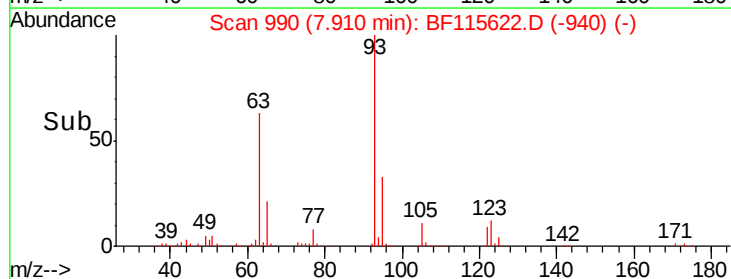
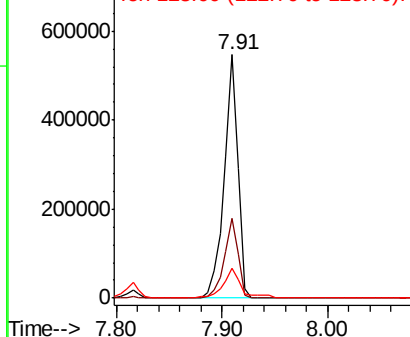


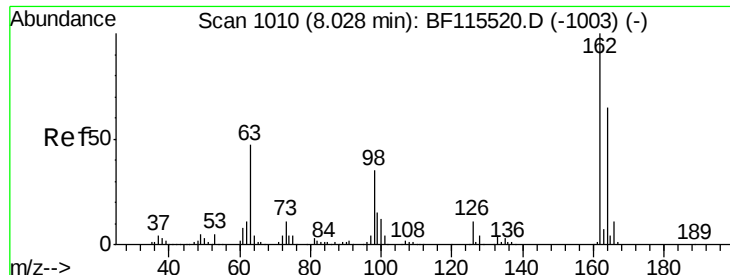
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





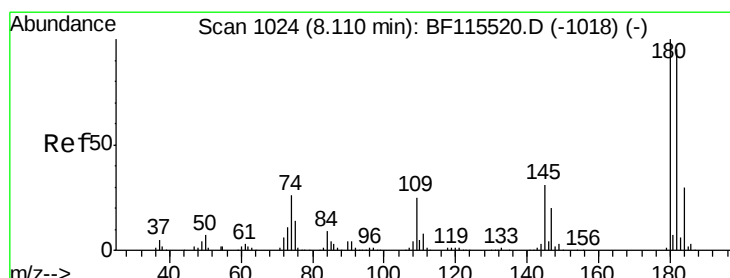
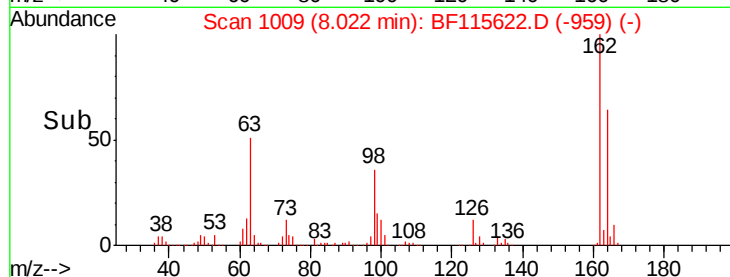
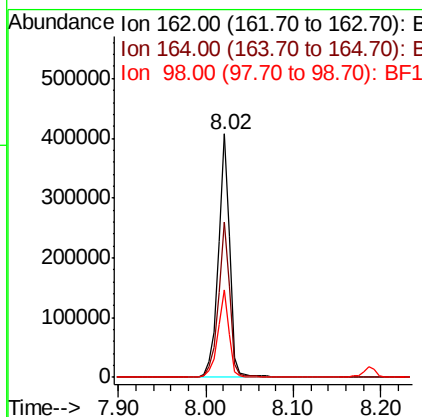
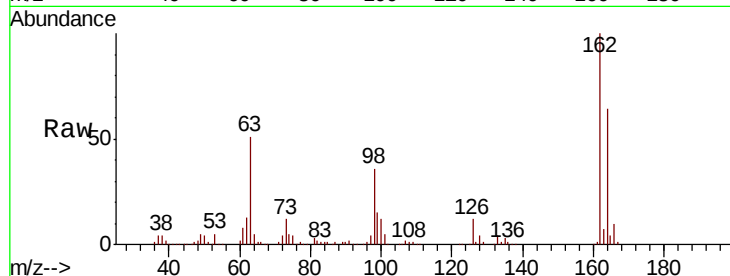
#29
2,4-Dichlorophenol
Concen: 37.888 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleID :
PB121441BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	368809		
164	63.8	44.9	84.9	
98	36.2	17.7	57.7	

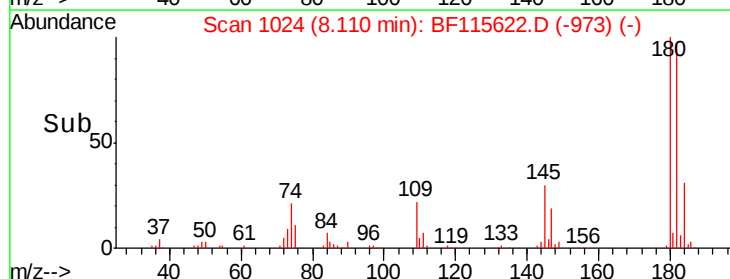
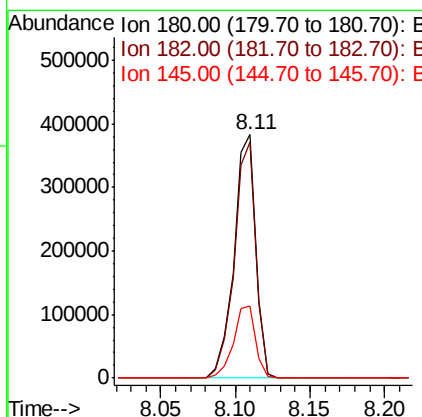
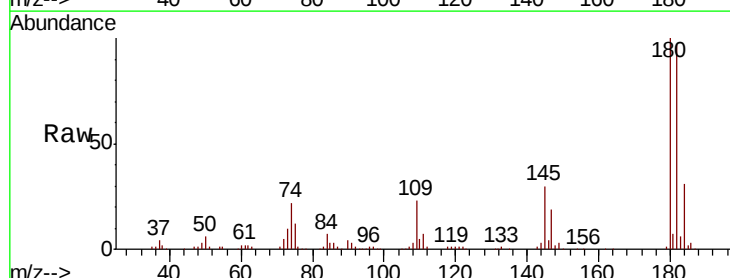
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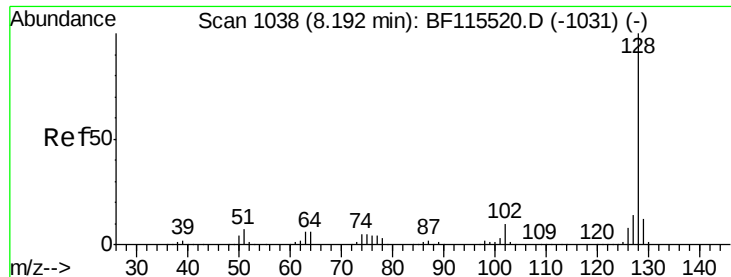
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#30
1,2,4-Trichlorobenzene
Concen: 35.760 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	393486		
182	97.0	75.0	112.6	
145	29.5	25.1	37.7	





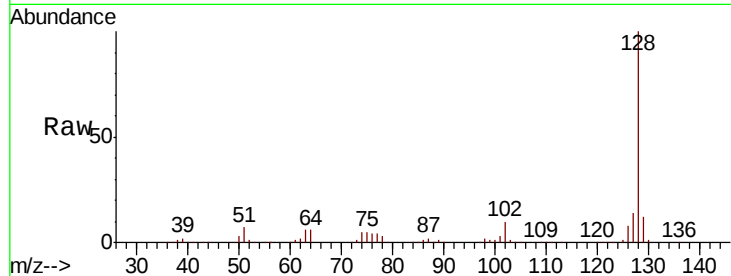
#31
Naphthalene
Concen: 37.503 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

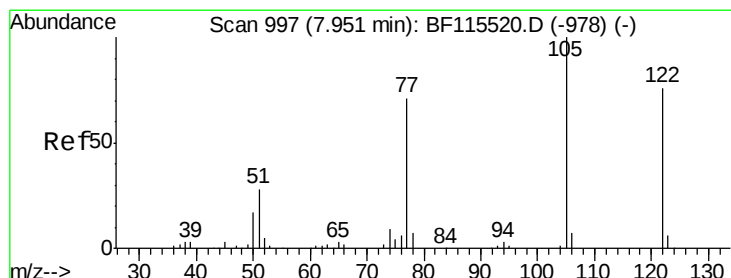
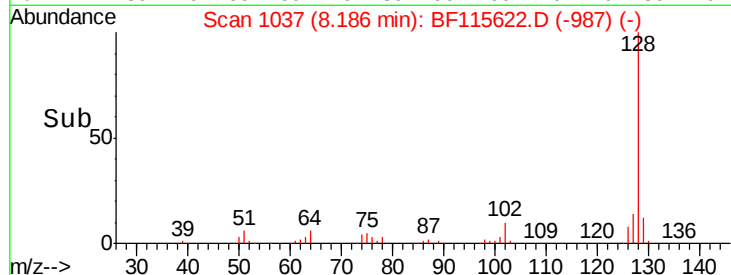
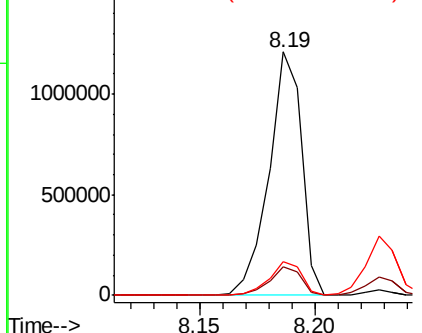
Tot Ion:128 Resp: 1190009
Ion Ratio Lower Upper
128 100
129 11.7 9.9 14.9
127 13.6 12.1 18.1

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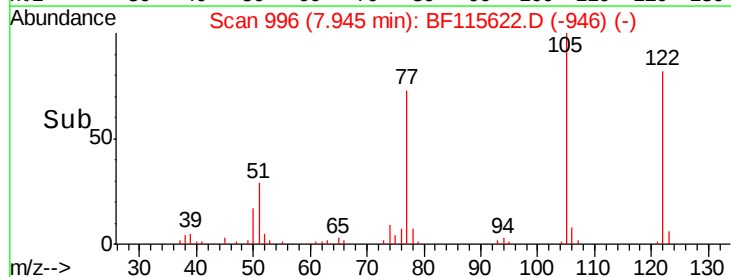
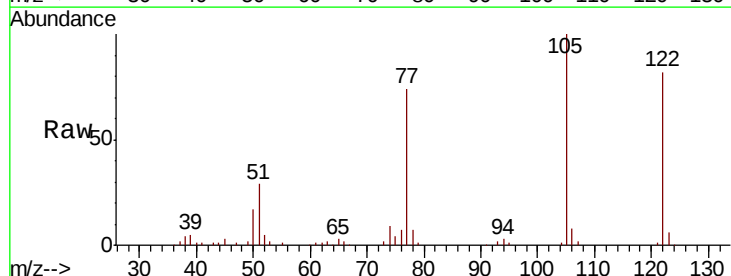
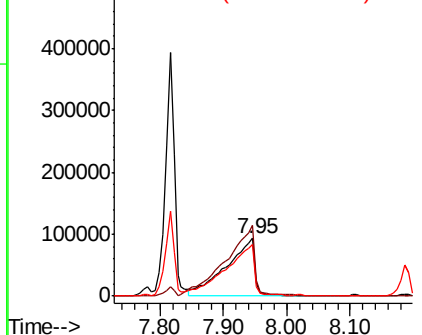
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

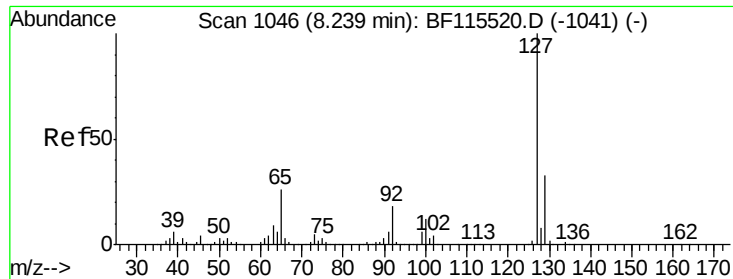


#32
Benzoic acid
Concen: 37.606 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion:122 Resp: 288865
Ion Ratio Lower Upper
122 100
105 122.3 102.5 142.5
77 90.3 70.2 110.2

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





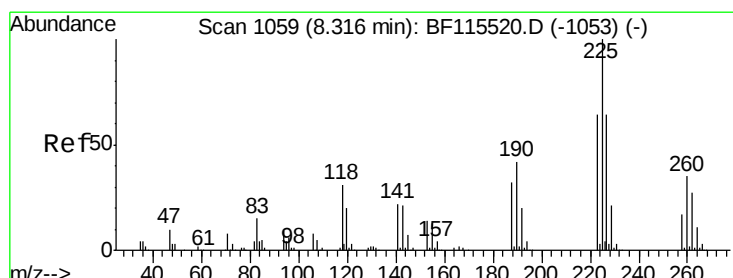
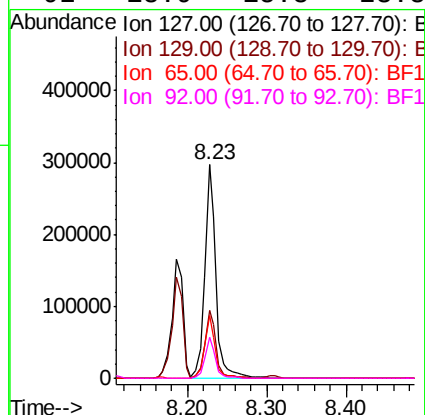
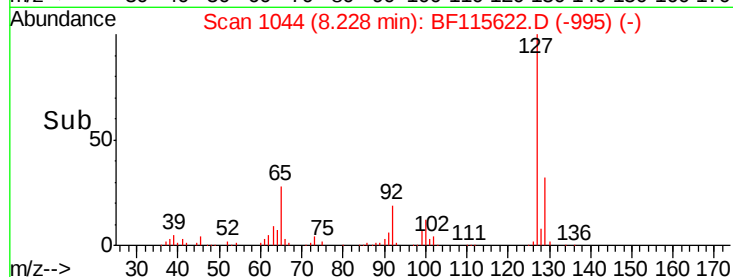
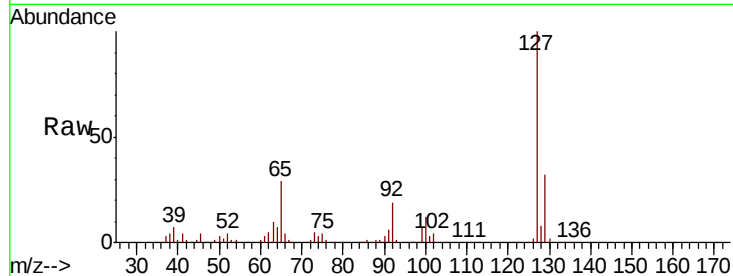
#33
4-Chloroaniline
Concen: 21.013 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		295347		
129	31.6	26.6	39.8		
65	29.3	23.7	35.5		
92	18.9	15.8	23.8		

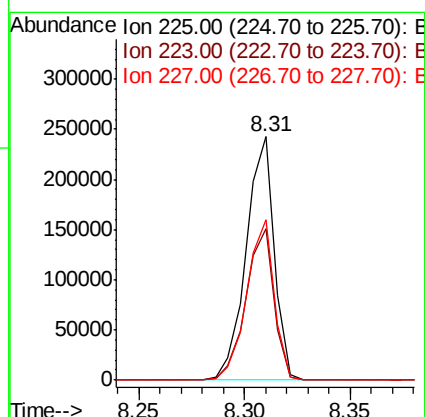
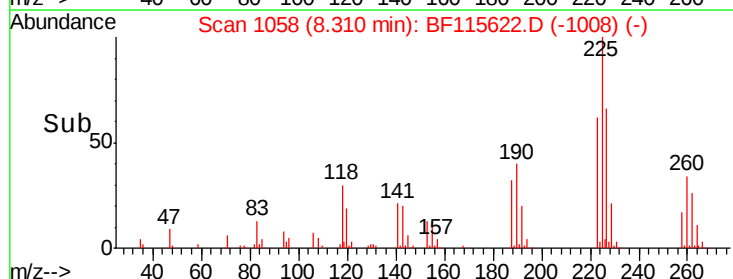
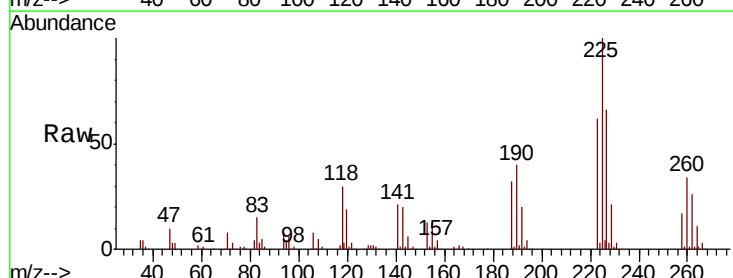
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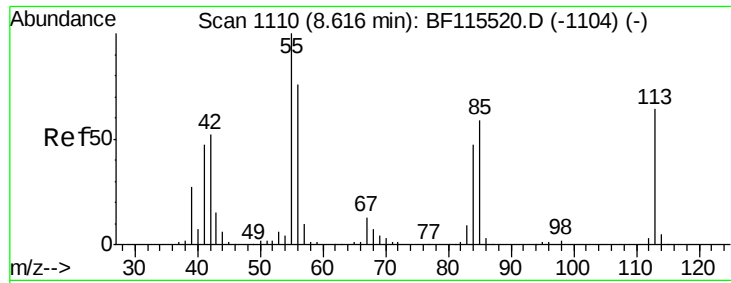
mohammad
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#34
Hexachlorobutadiene
Concen: 35.458 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		223736		
223	62.2	50.9	76.3		
227	65.7	50.7	76.1		





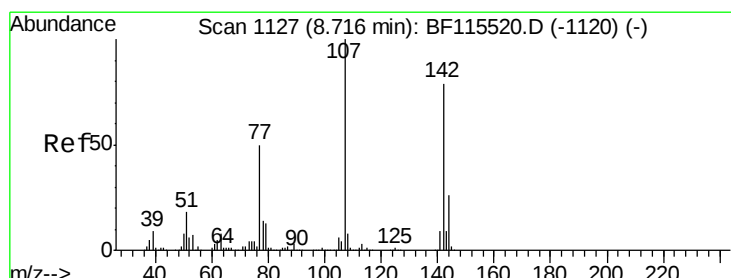
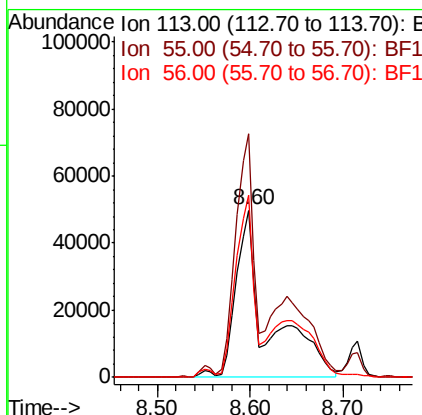
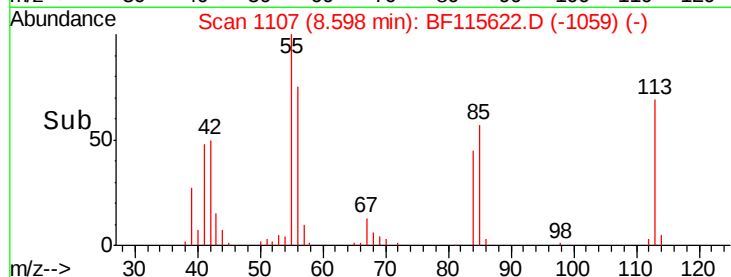
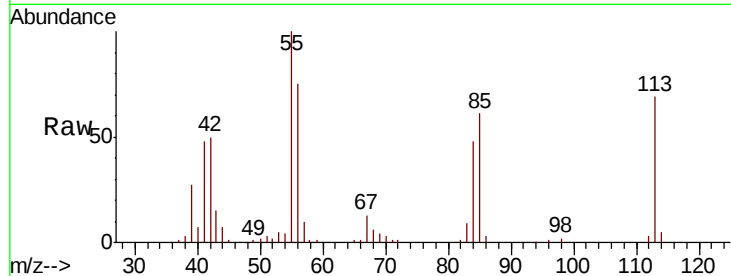
#35
Caprolactam
Concen: 39.545 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. -0.02 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleID :
PB121441BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	145.6	118953	126.9	166.9
56	108.8		90.3	130.3

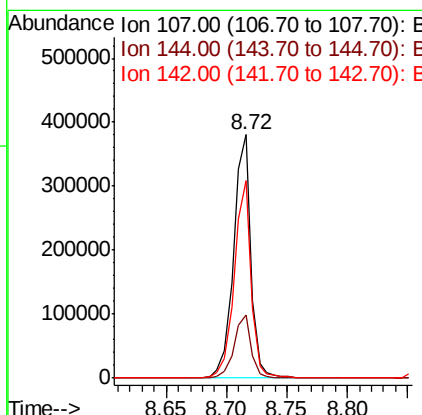
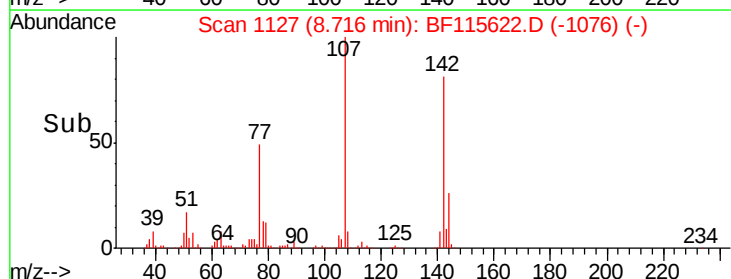
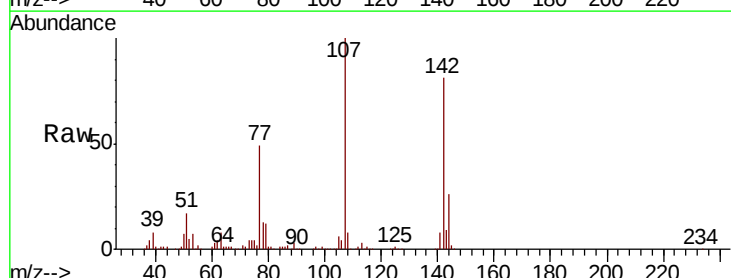
Manual Integrations
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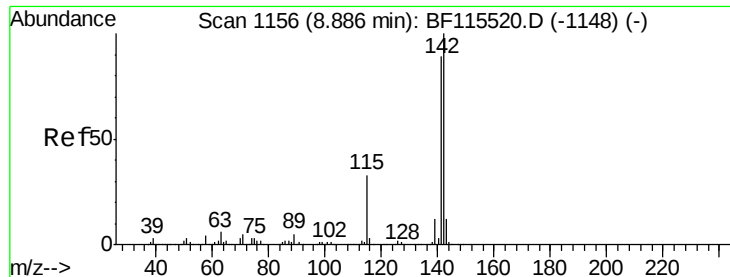
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 37.866 ng/ml
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	382349		
144	26.1		20.6	30.8
142	81.2		63.1	94.7





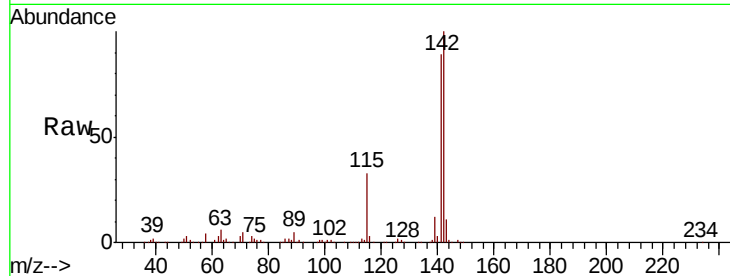
#37
2-Methylnaphthalene
Concen: 38.734 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.0	108.0
115	33.3	29.9	44.9

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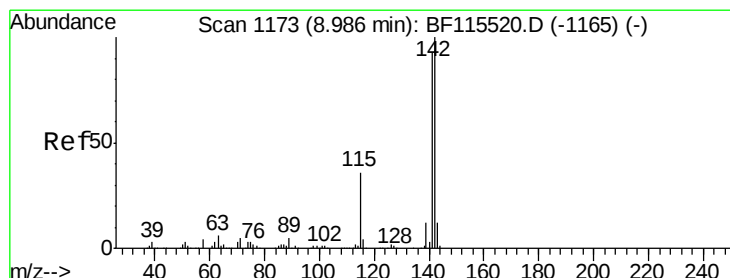
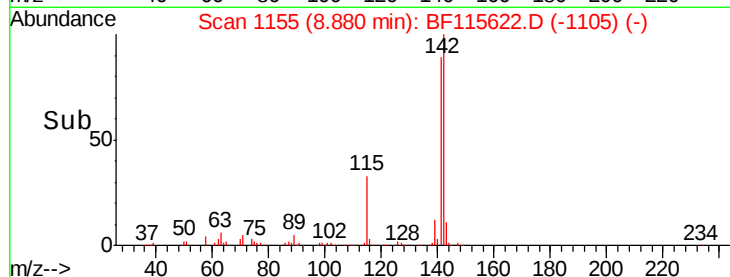
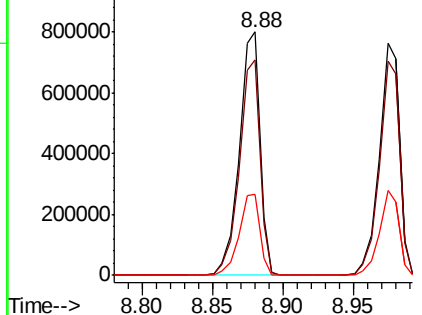


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.138 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

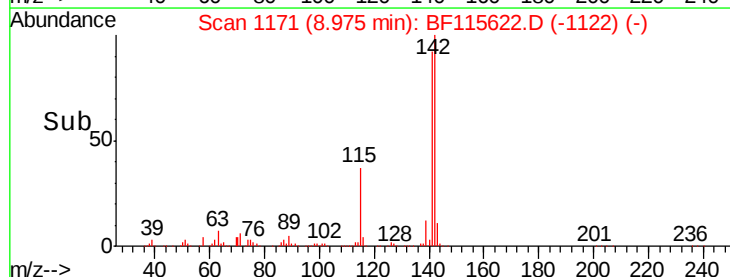
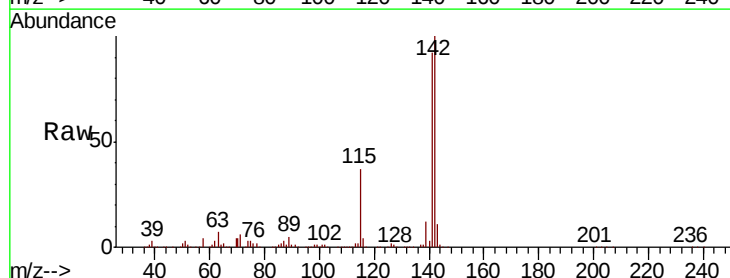
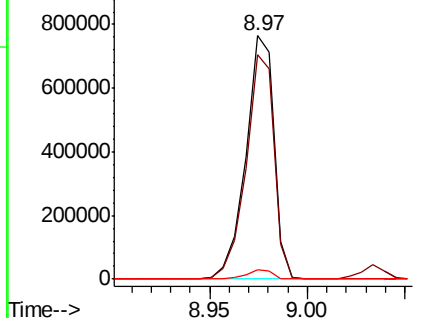
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	75.3	112.9
116	3.8	3.3	4.9

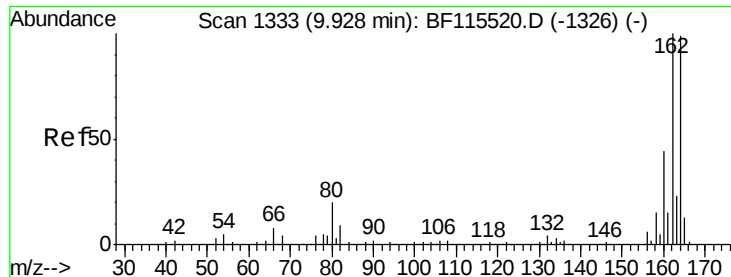
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





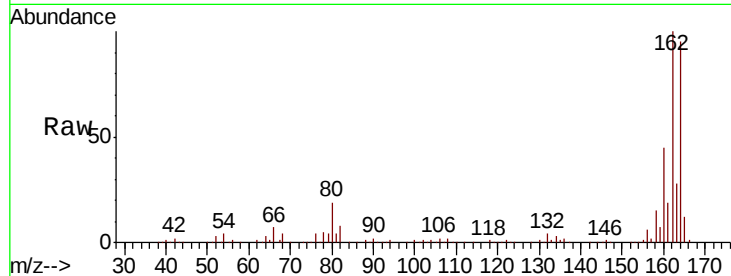
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.9	124.3
160	47.6	36.8	55.2

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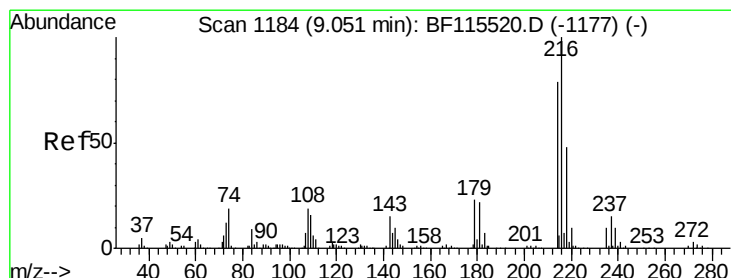
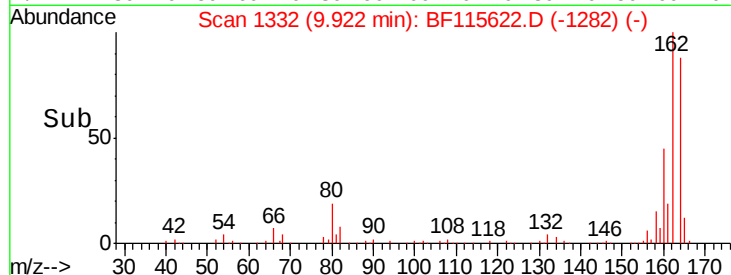
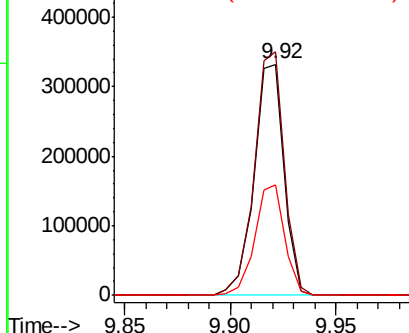


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.962 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	65.1	97.7
179	21.9	18.3	27.5
108	19.7	15.7	23.5

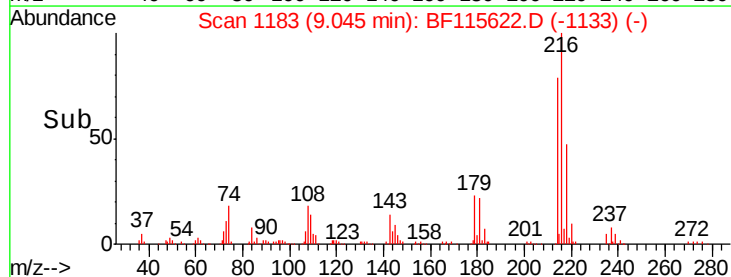
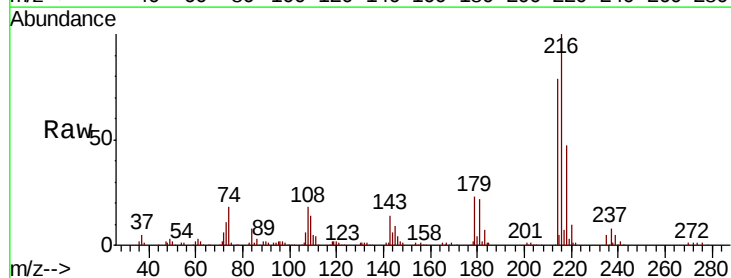
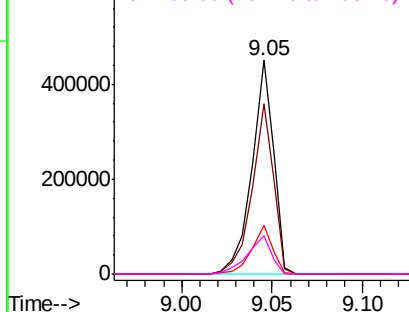
Abundance

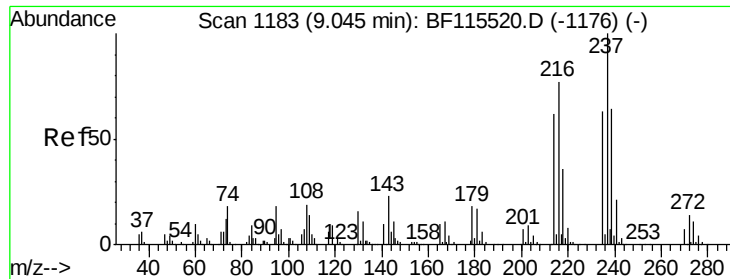
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 55.109 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

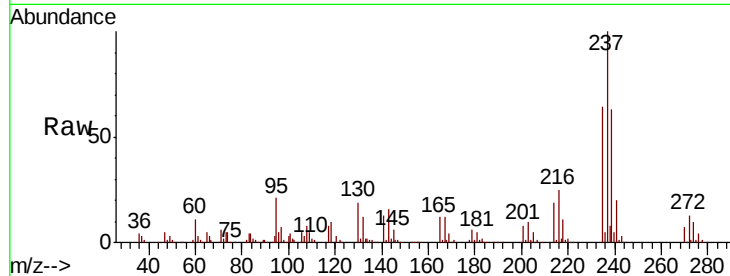
ClientSampleId :

PB121441BS

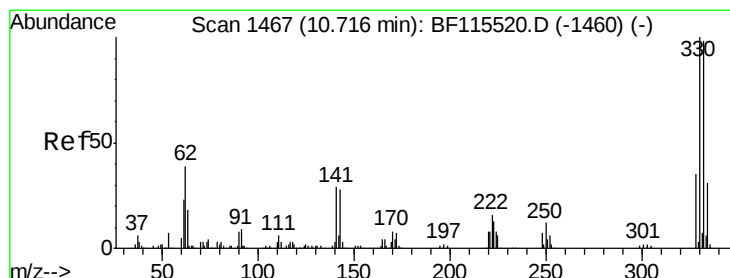
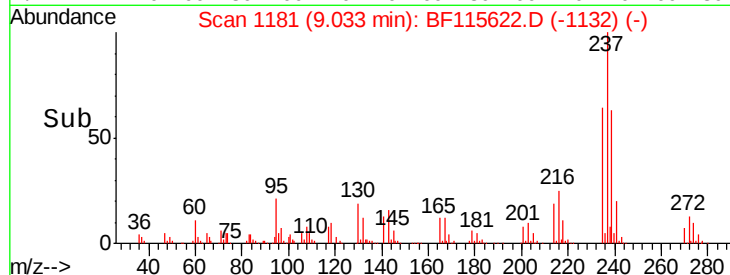
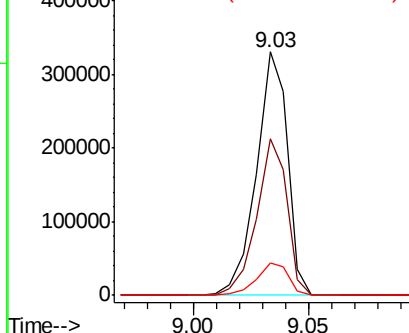
Tot Ion:	237	Resp:	311078
Ion Ratio		Lower	Upper
237	100		
235	64.1	43.6	83.6
272	13.3	0.0	33.9

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 106.305 ng

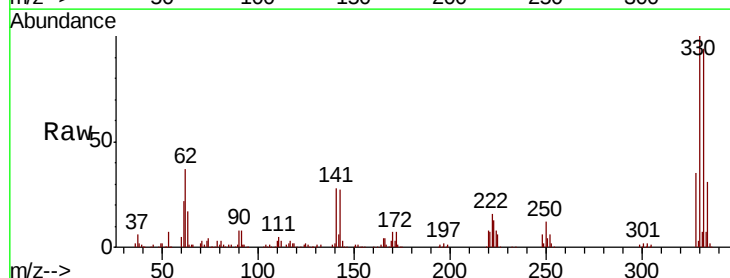
RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

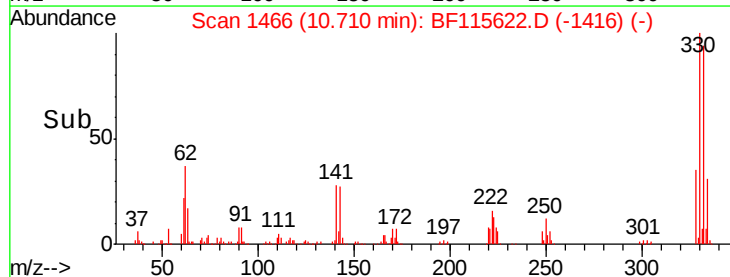
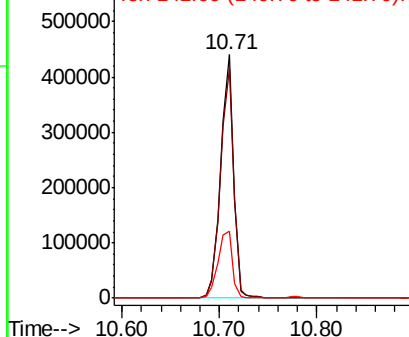
Lab File: BF115622.D

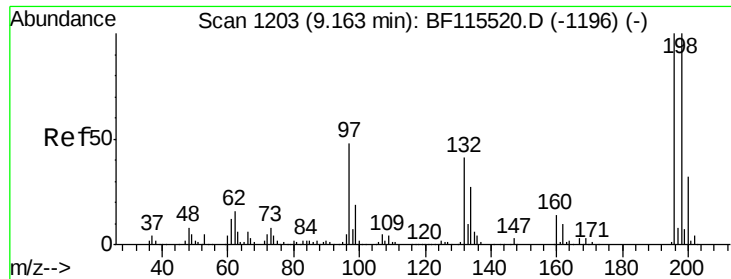
Acq: 17 Jul 2019 14:43

Tgt Ion:	330	Resp:	407745
Ion Ratio		Lower	Upper
330	100		
332	96.5	77.4	116.2
141	30.7	22.4	33.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





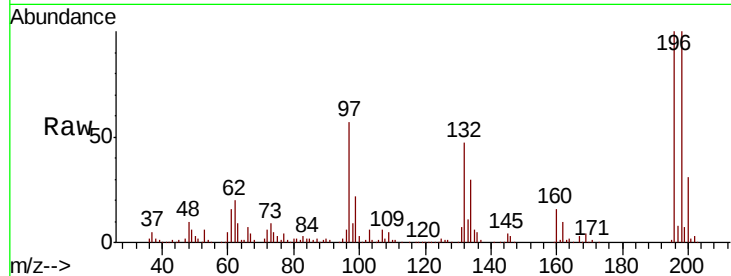
#43
 2,4,6-Trichlorophenol
 Concen: 37.087 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121441BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	268382		
198	100.3	80.6	121.0	
200	31.2	25.8	38.6	

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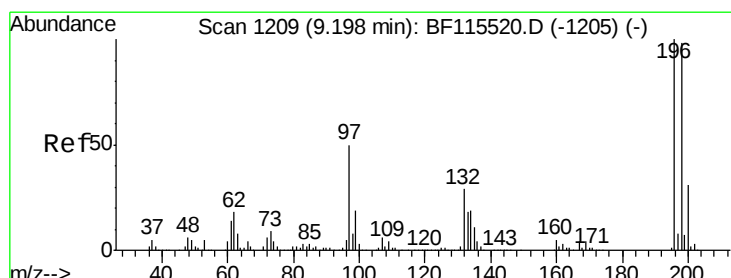
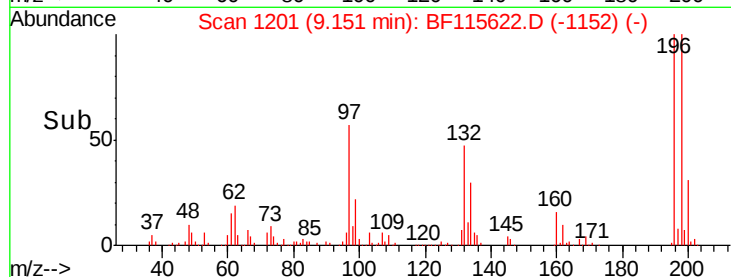
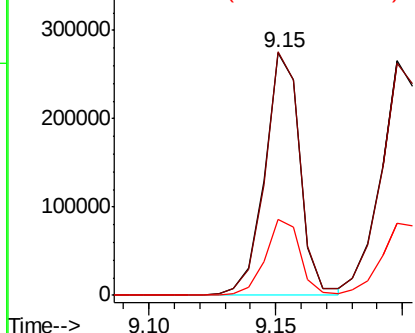


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 37.813 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	280226		
198	98.8	79.6	119.4	
97	50.6	37.8	56.6	
132	29.6	22.8	34.2	

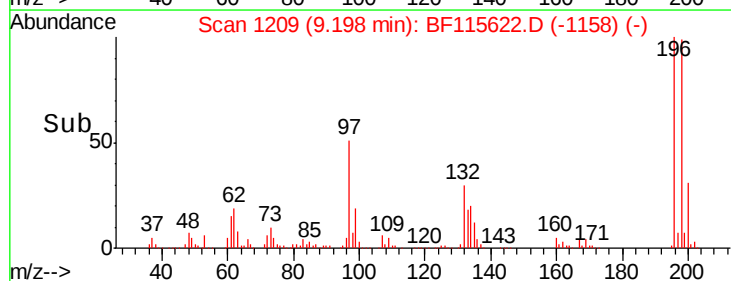
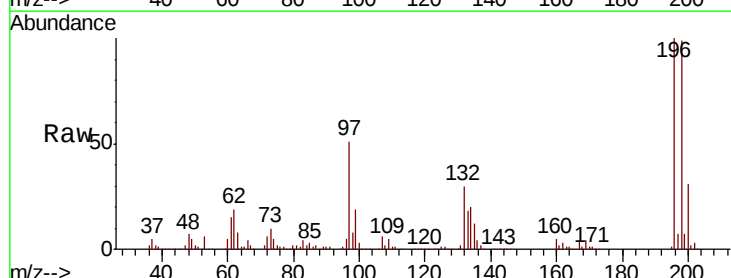
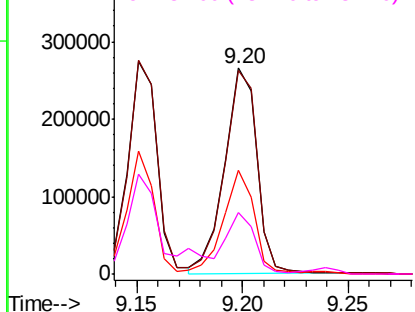
Abundance

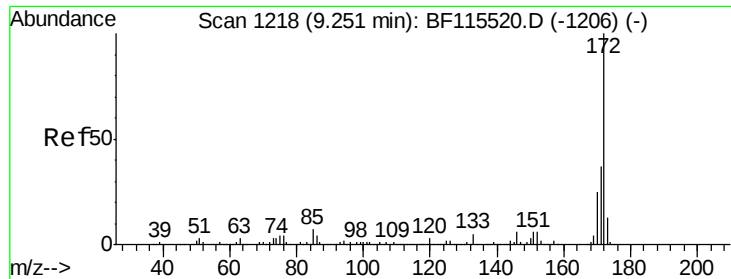
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





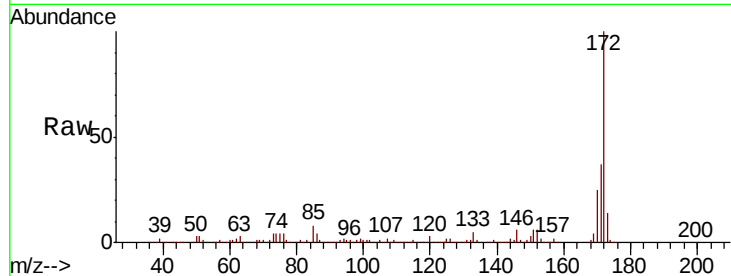
#45
2-Fluorobiphenyl
Concen: 81.057 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.6	46.0
170	25.1	20.5	30.7

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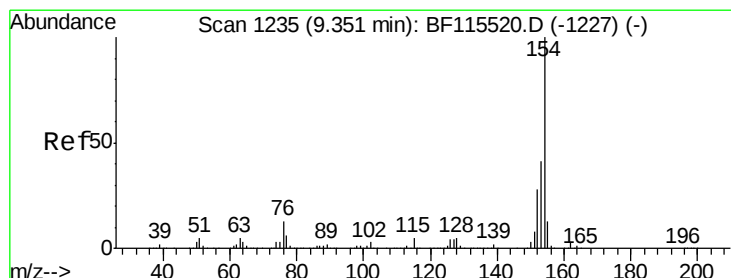
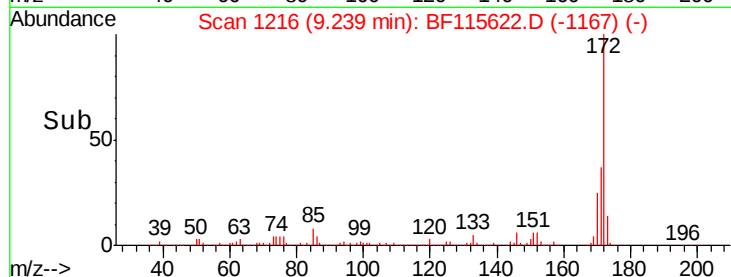
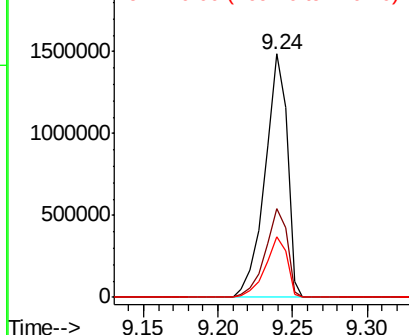


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.096 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

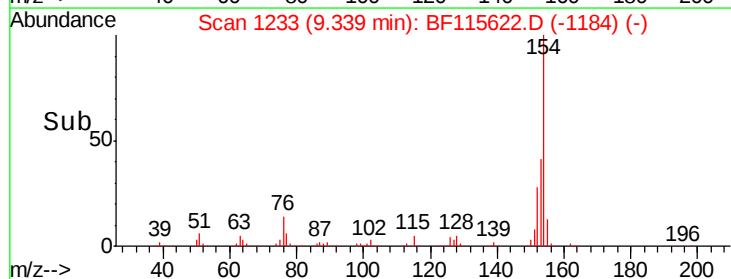
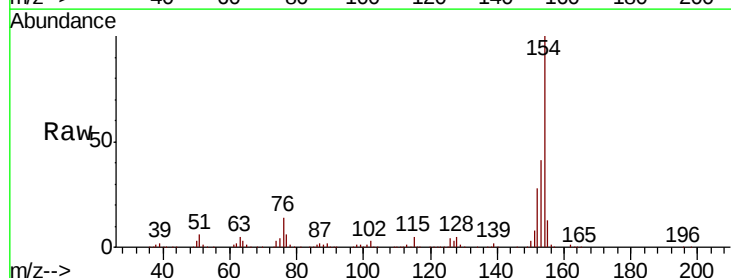
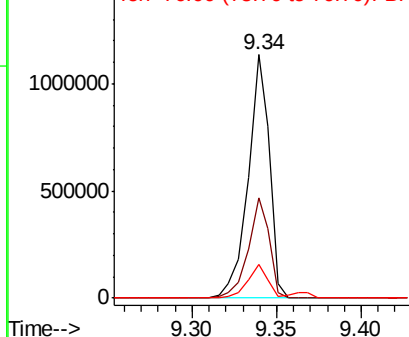
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	22.6	62.6
76	13.6	0.0	33.4

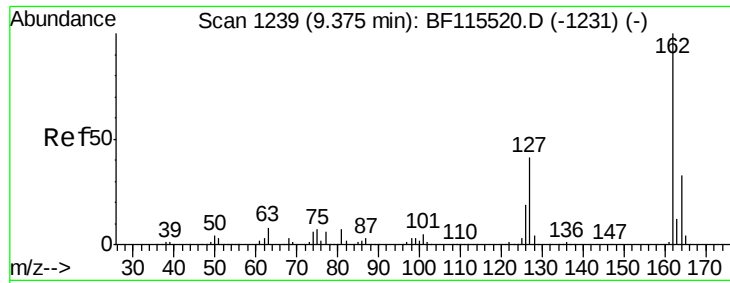
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





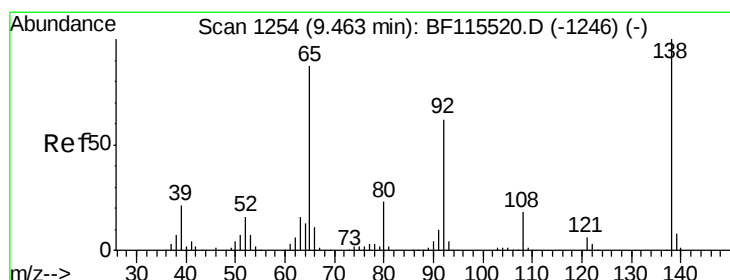
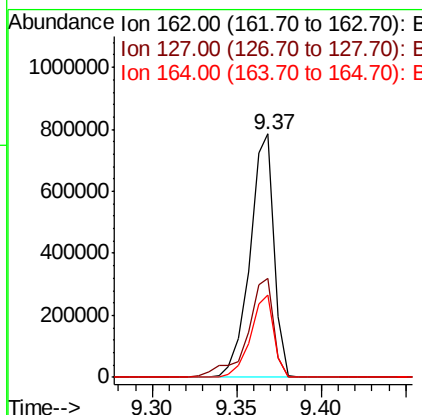
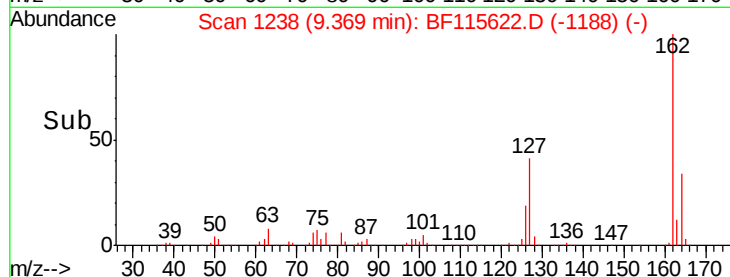
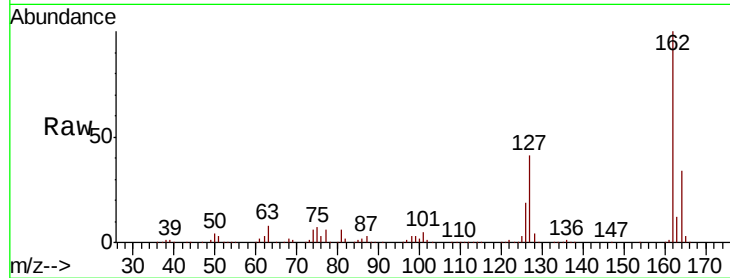
#47
 2-Chloronaphthalene
 Concen: 36.667 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121441BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	34.1	51.1
164	33.7	27.4	41.2

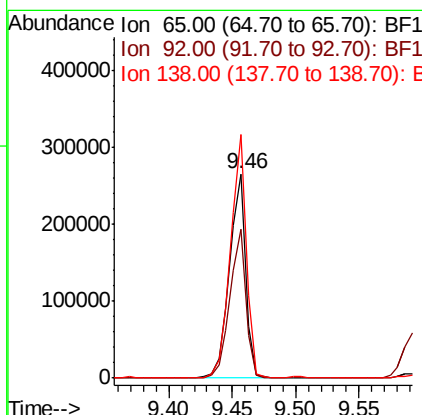
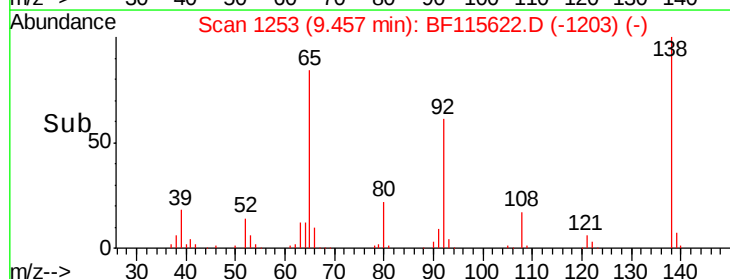
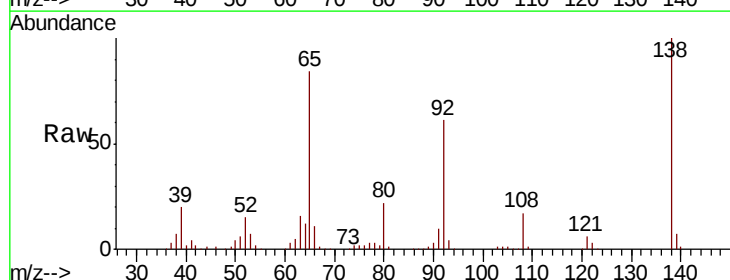
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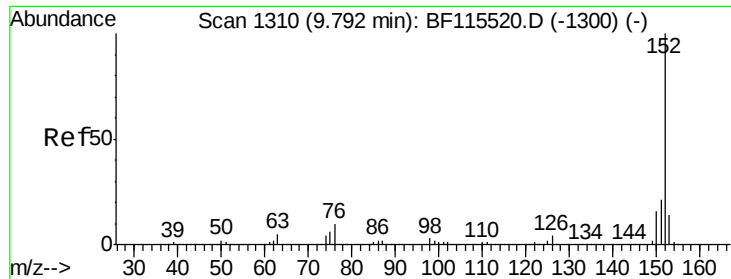
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#48
 2-Nitroaniline
 Concen: 35.351 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.0	57.8	86.6
138	119.1	91.2	136.8





#49

Acenaphthylene

Concen: 37.230 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

ClientSampleId :

PB121441BS

Tot Ion:152 Resp: 1180042

Ion Ratio Lower Upper

152 100

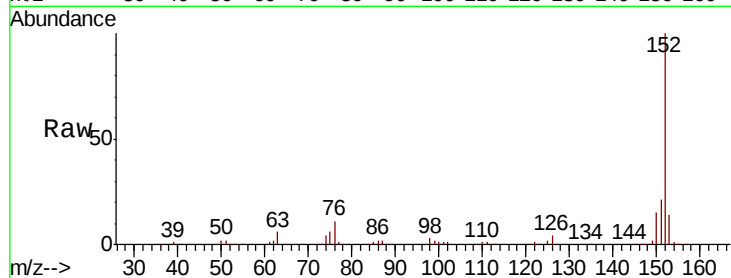
151 20.7 17.7 26.5

153 14.4 12.0 18.0

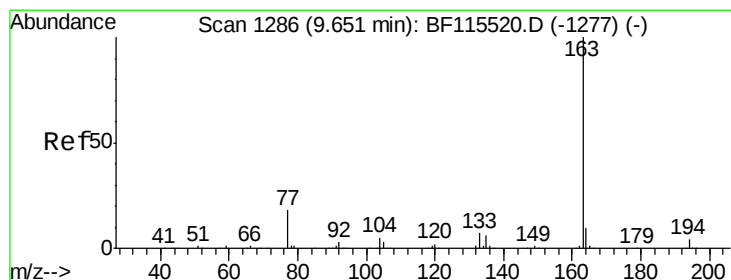
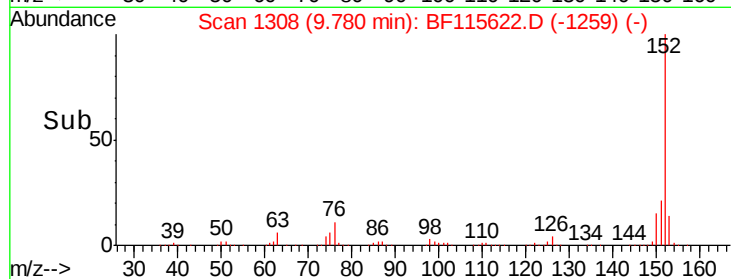
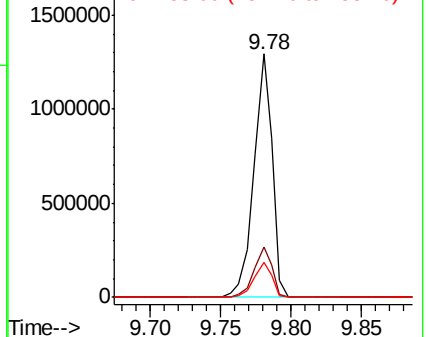
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.596 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

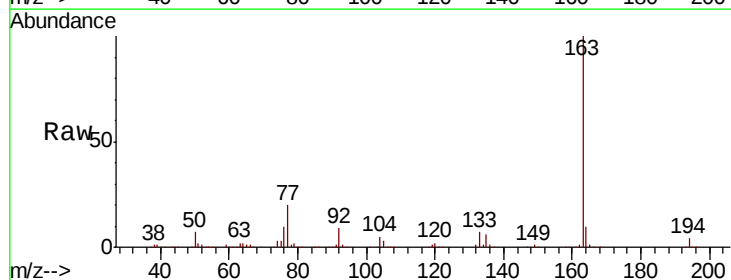
Tgt Ion:163 Resp: 929499

Ion Ratio Lower Upper

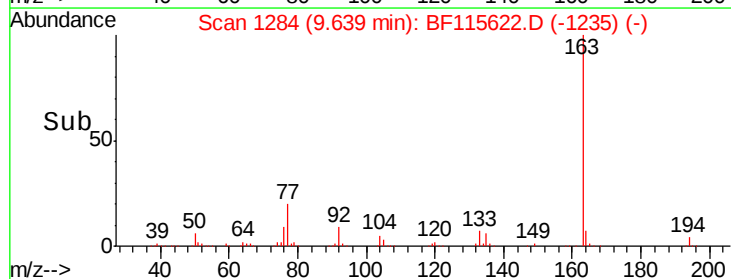
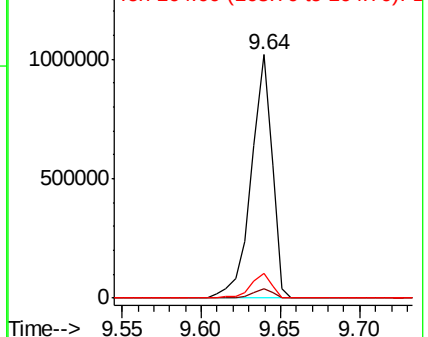
163 100

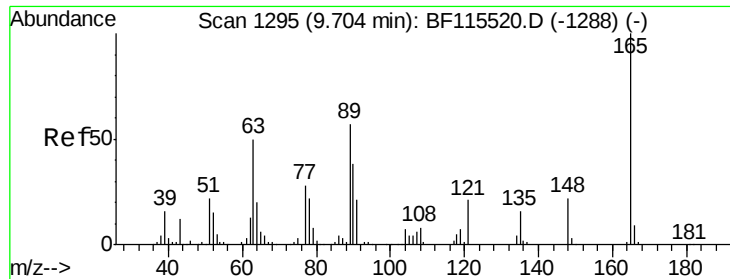
194 4.0 3.3 4.9

164 10.4 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





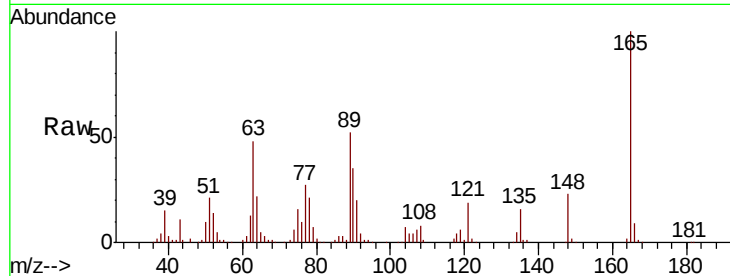
#51
2,6-Dinitrotoluene
Concen: 38.386 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

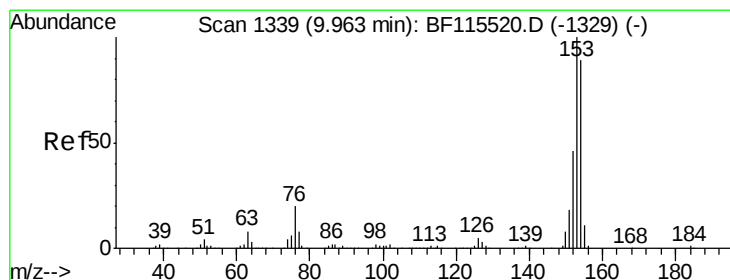
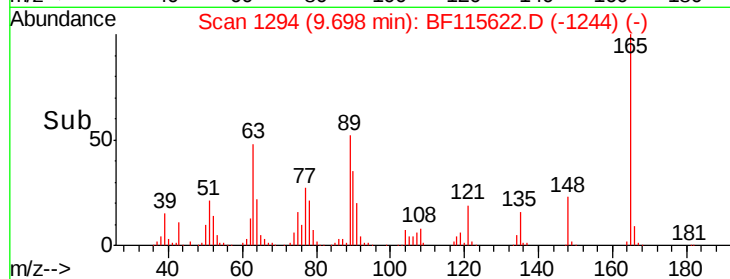
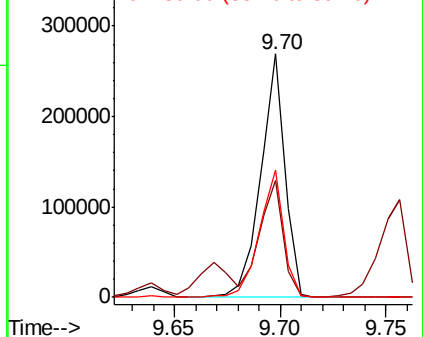
Tot Ion	Ratio	Resp	Lower	Upper
165	100	215672		
63	48.1		40.6	61.0
89	52.4		43.9	65.9

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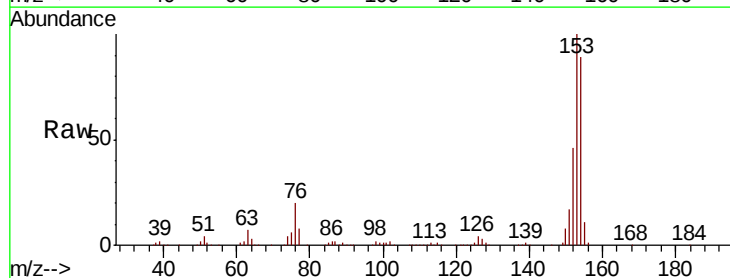


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

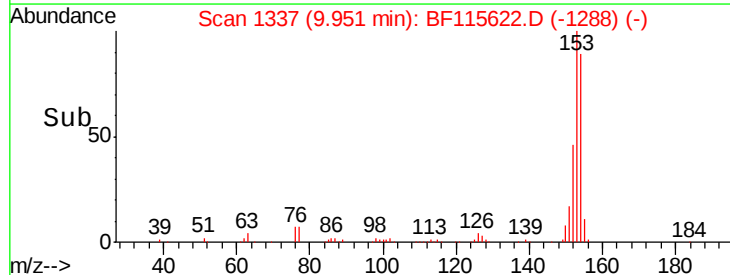
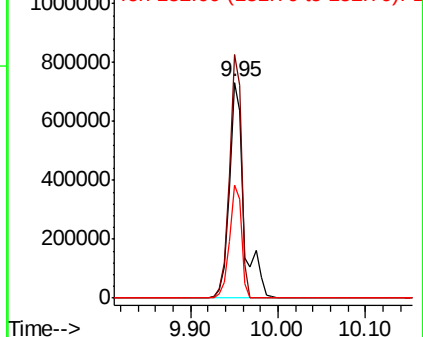


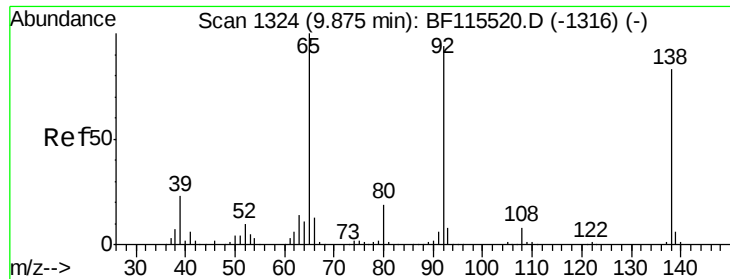
#52
Acenaphthene
Concen: 41.132 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	841710		
153	112.9		88.6	133.0
152	52.4		42.3	63.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





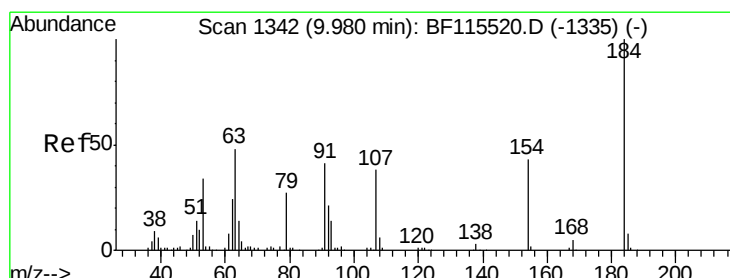
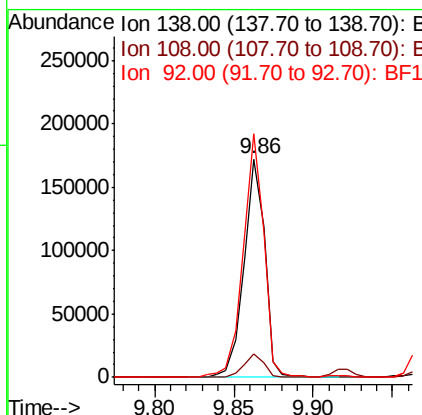
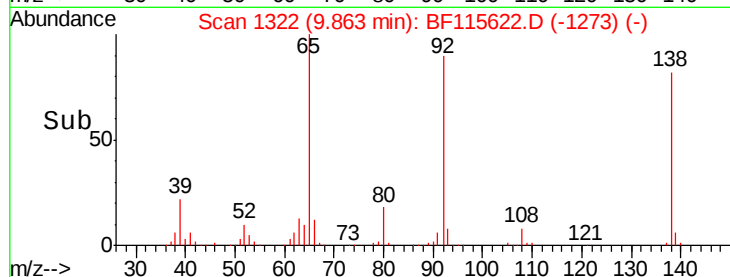
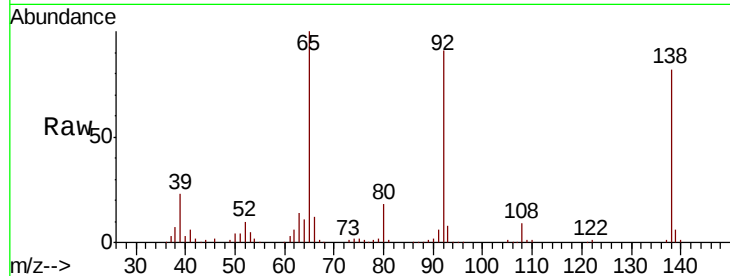
#53
3-Nitroaniline
Concen: 24.246 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.4	12.6
92	111.5	88.0	132.0

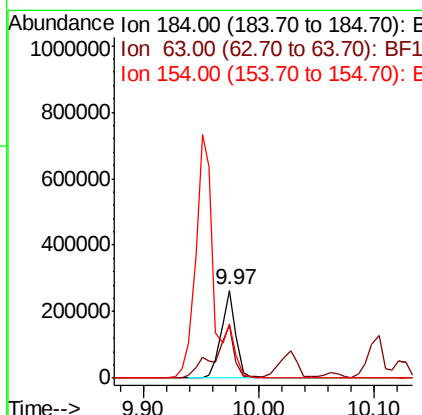
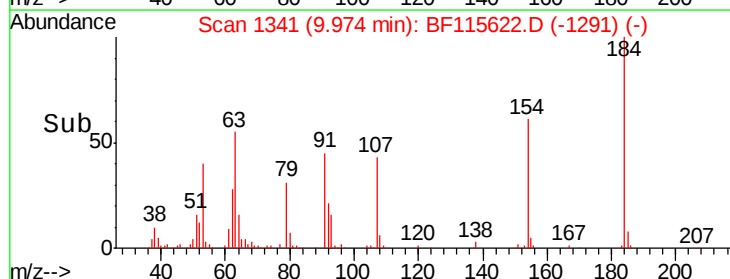
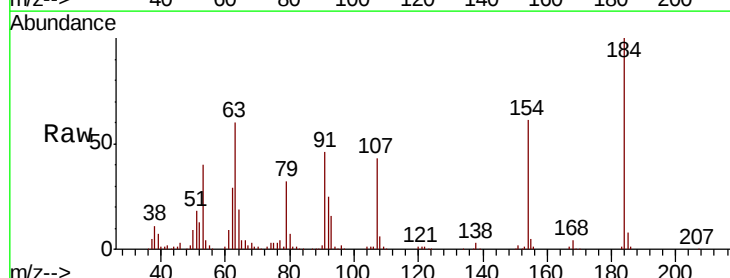
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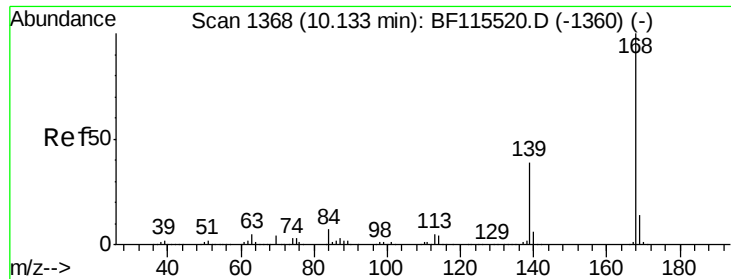
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#54
2,4-Dinitrophenol
Concen: 80.930 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.9	48.7	73.1
154	61.4	48.6	73.0





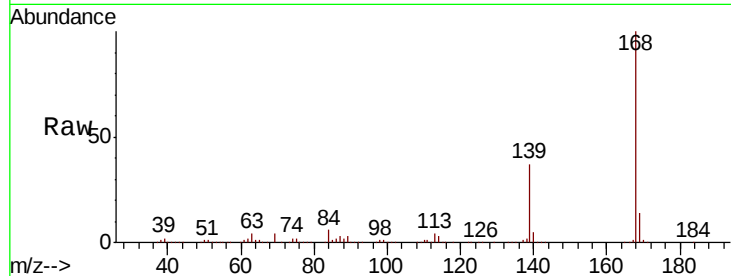
#55
Dibenzofuran
Concen: 37.122 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	31.1	46.7
169	13.6	11.1	16.7

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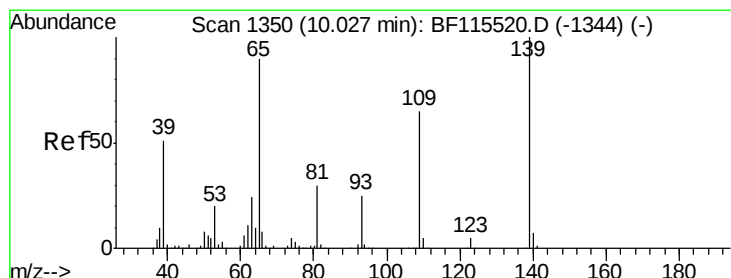
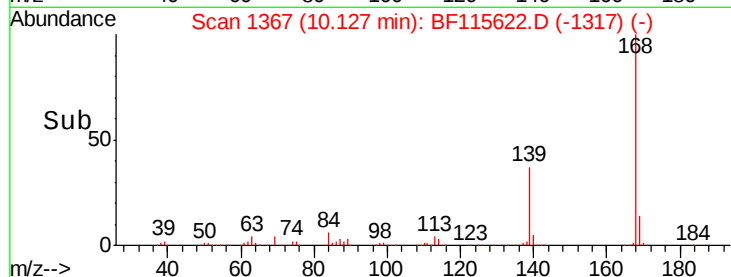
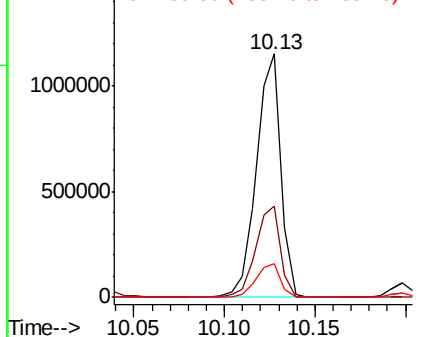


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 70.710 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

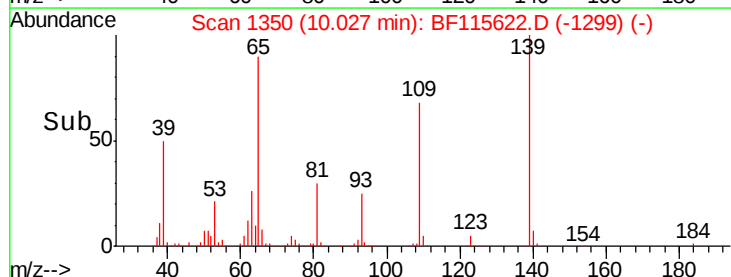
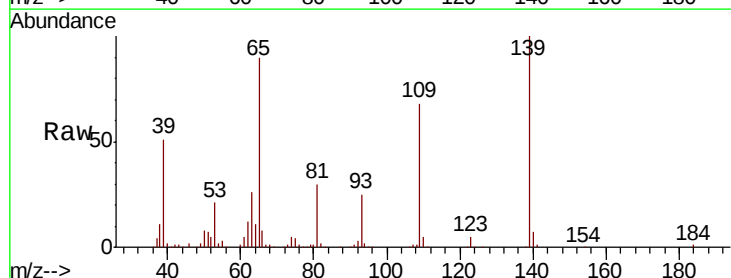
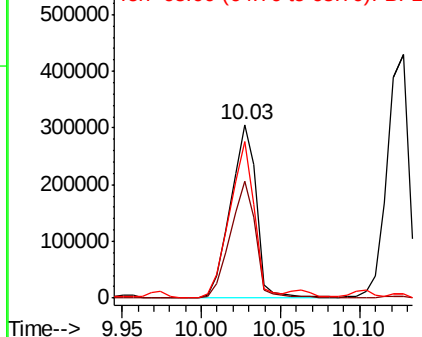
Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.6	46.4	86.4
65	90.2	68.9	108.9

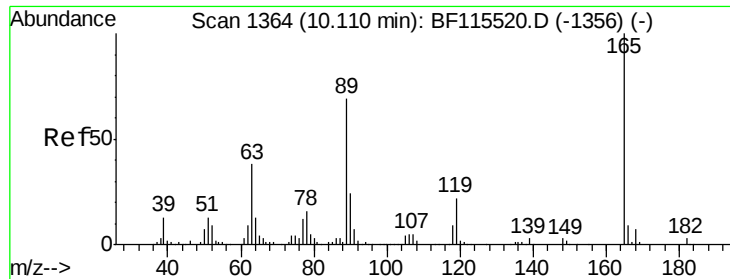
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





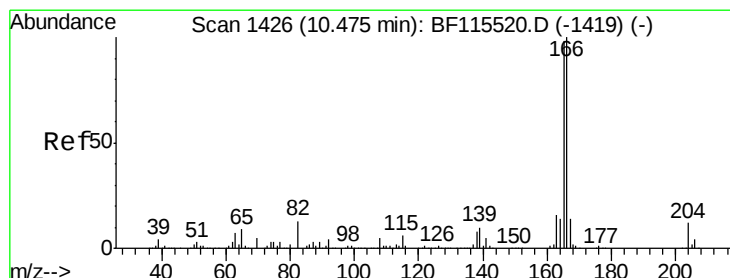
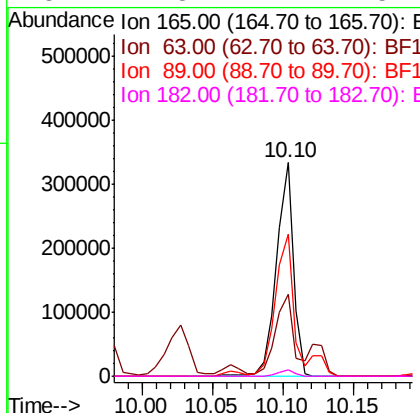
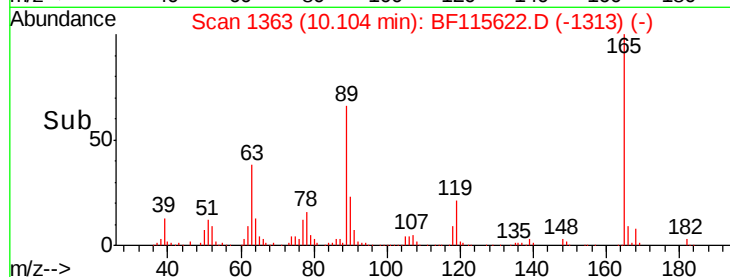
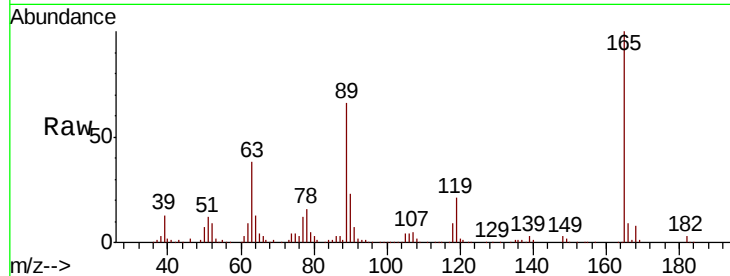
#57
2,4-Dinitrotoluene
Concen: 38.778 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.4	34.9	52.3
89	66.3	57.5	86.3
182	2.8	2.2	3.4

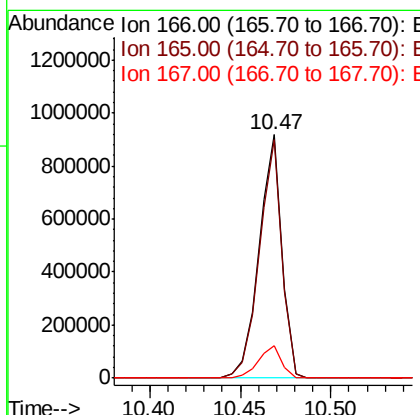
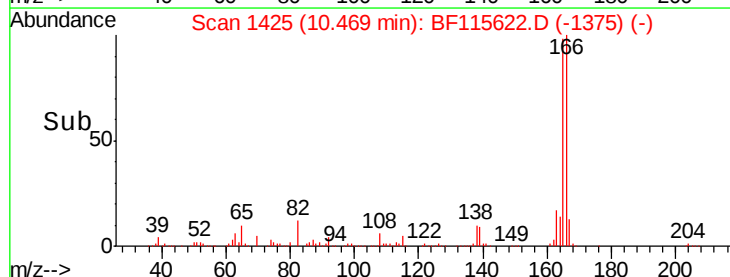
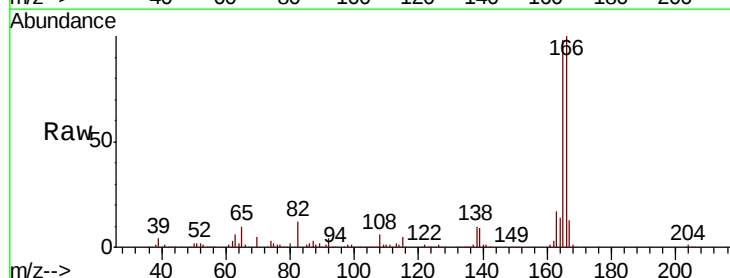
Manual Integrations
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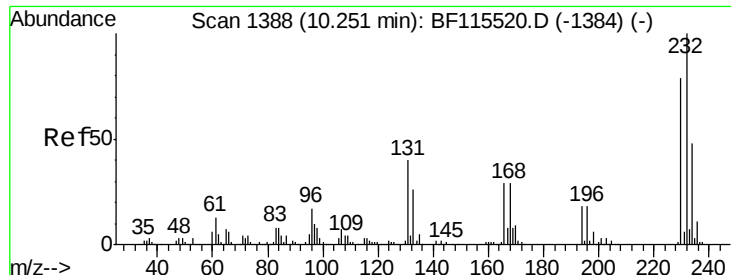
mohammad
7/19/2019 2:25:50 PM



#58
Fluorene
Concen: 38.646 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.8	119.6
167	13.4	11.2	16.8





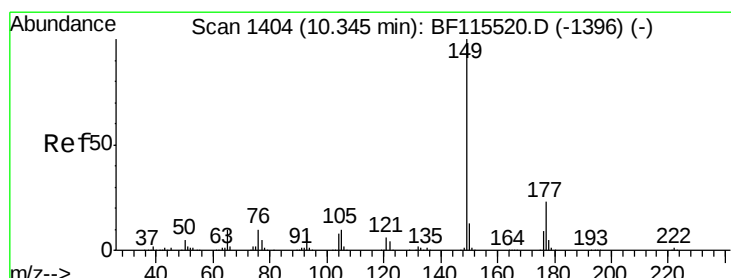
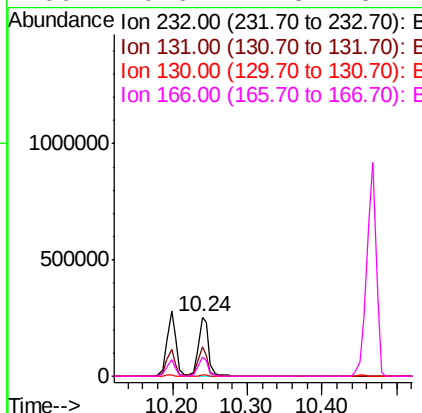
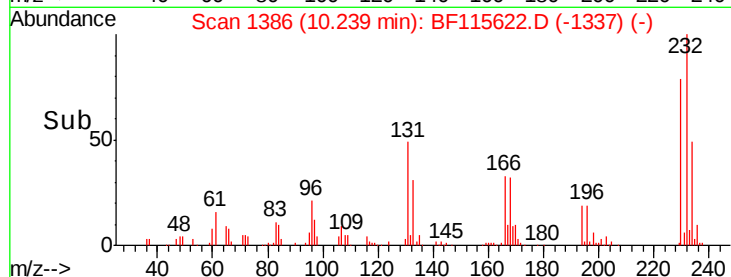
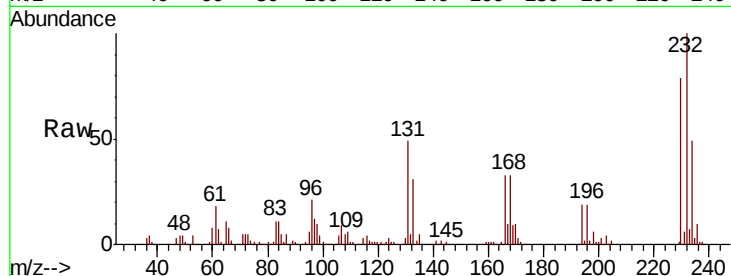
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.165 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121441BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	248827		
131	44.1	35.9	53.9	
130	2.1	1.8	2.6	
166	29.6	24.8	37.2	

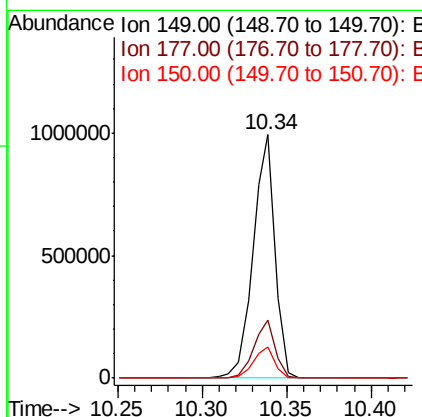
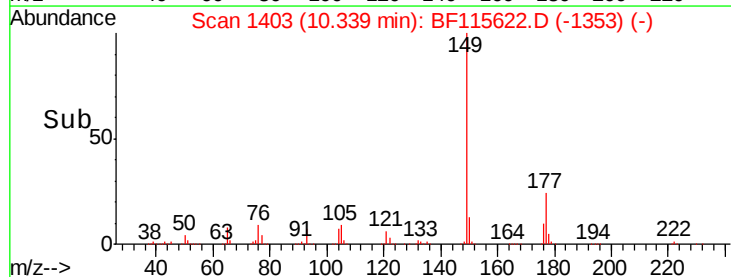
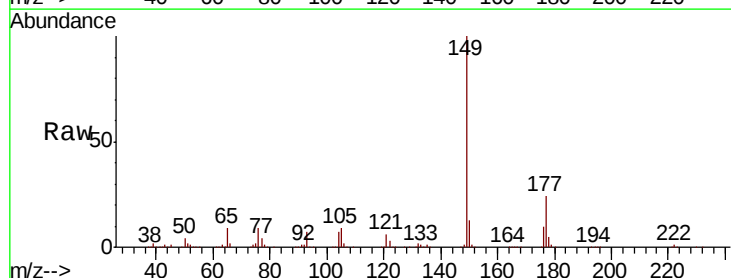
Manual Integrations
 APPROVED

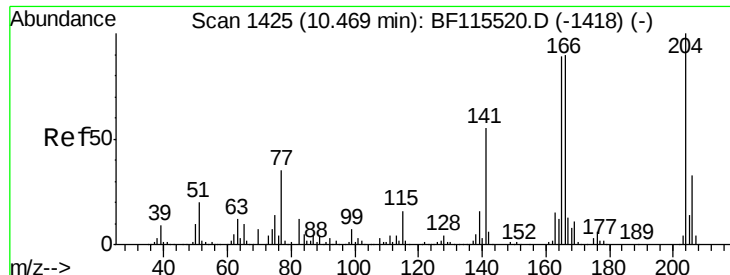
mohammad
 7/19/2019 2:25:50 PM



#60
 Diethylphthalate
 Concen: 38.558 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	893172		
177	23.7	19.5	29.3	
150	12.7	10.4	15.6	





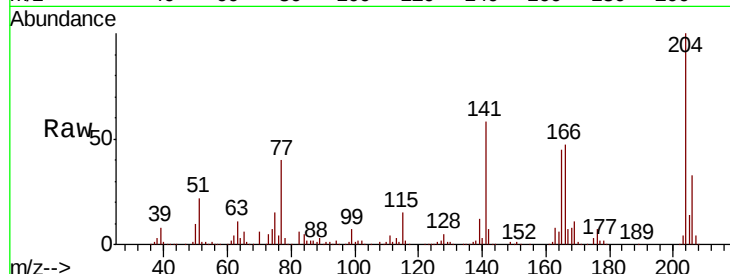
#61
4-Chlorophenyl-phenylether
Concen: 36.386 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.7	40.1
141	58.4	44.2	66.2

Manual Integrations
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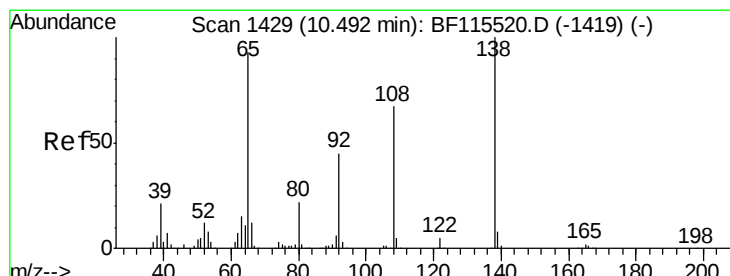
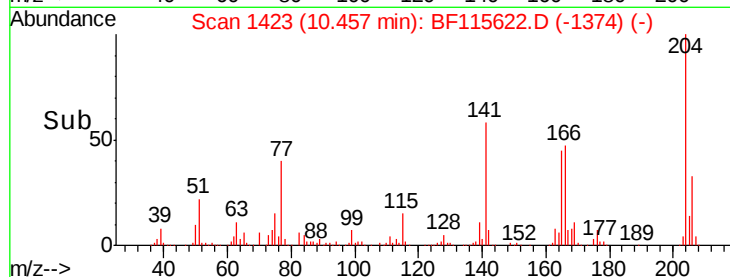
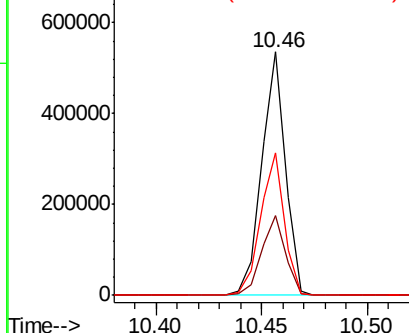


Abundance

Ion 204.00 (203.70 to 204.70): E

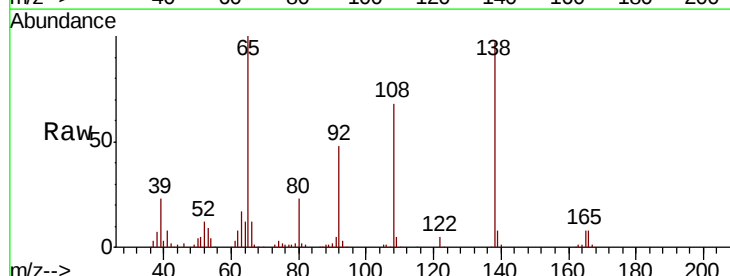
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 33.364 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	27.1	67.1
108	70.5	48.0	88.0

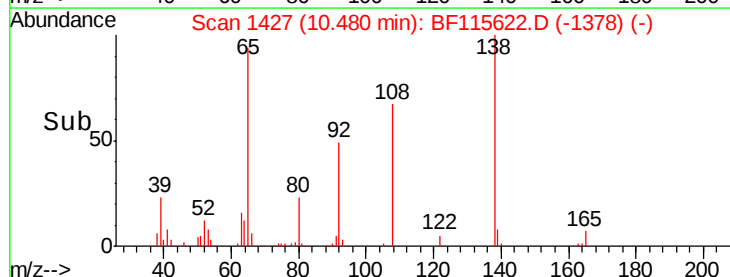
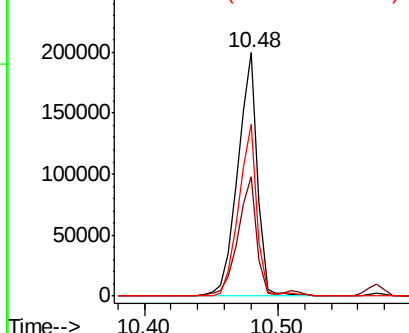


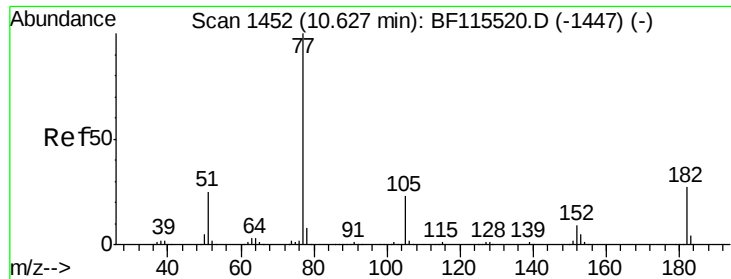
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





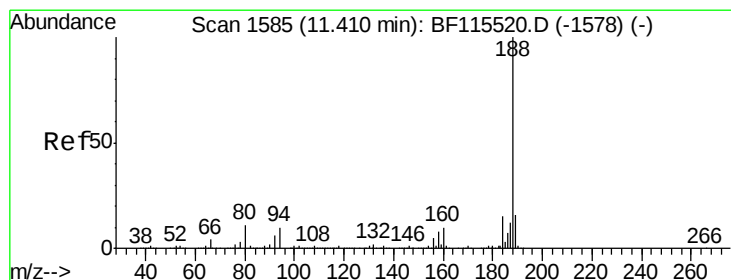
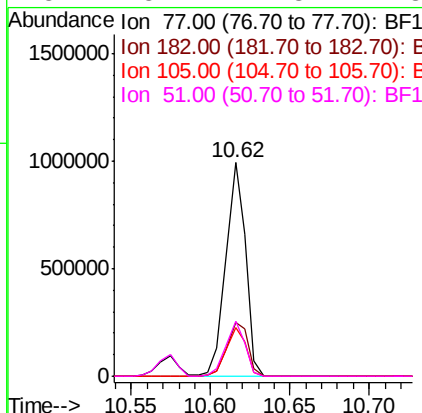
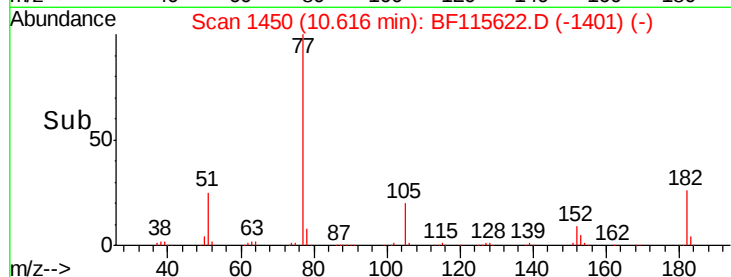
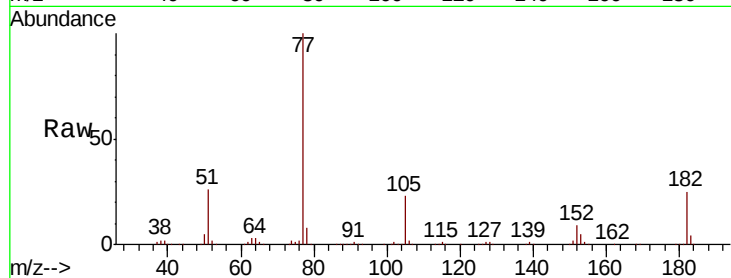
#63
Azobenzene
Concen: 37.984 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	25.4	6.9	46.9		
105	22.7	3.9	43.9		
51	25.7	7.3	47.3		

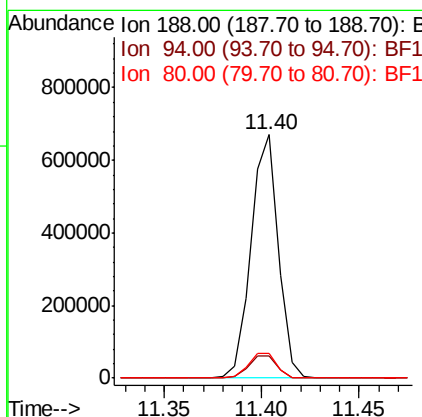
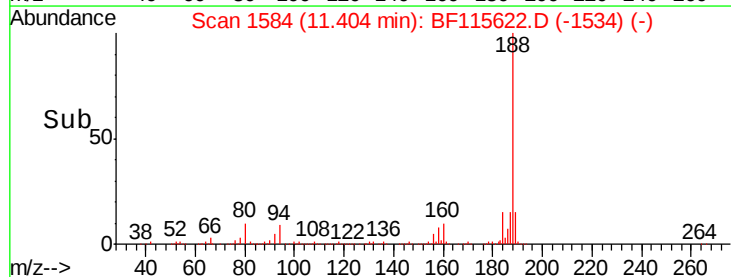
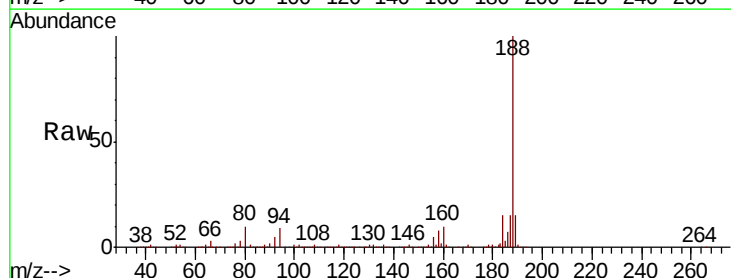
Manual Integrations
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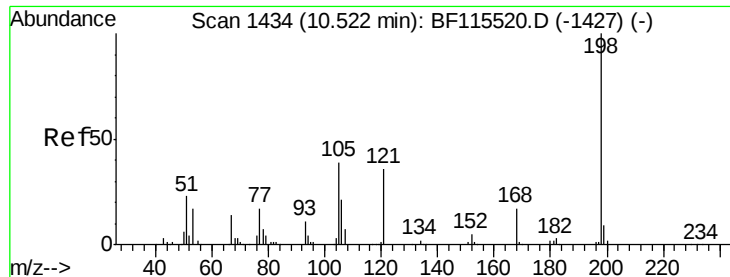
mohammad
7/19/2019 2:25:50 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.3	7.8	11.6		
80	10.2	8.6	13.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 38.656 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

ClientSampleId :

PB121441BS

Tot Ion:198 Resp: 153066

Ion Ratio Lower Upper

198 100

51 41.0 19.1 59.1

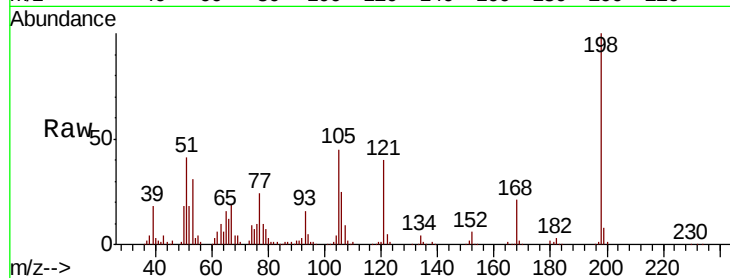
105 45.4 23.6 63.6

Manual Integrations

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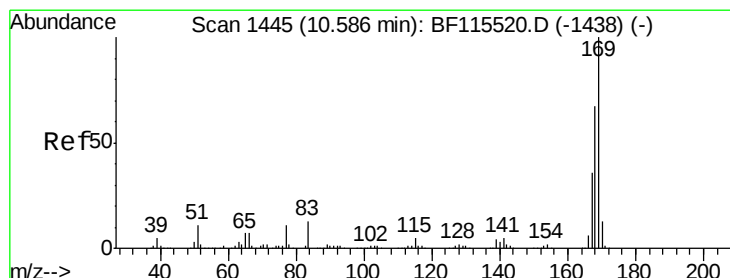
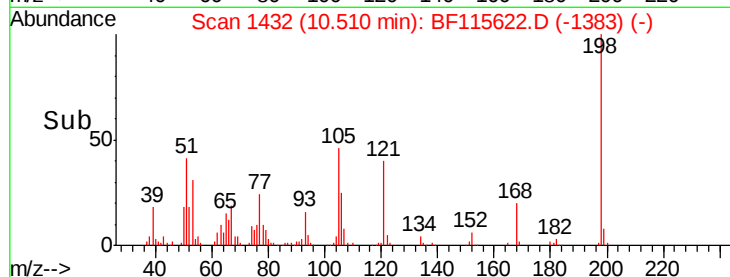
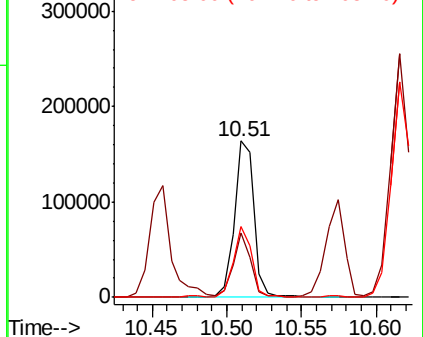
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.576 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

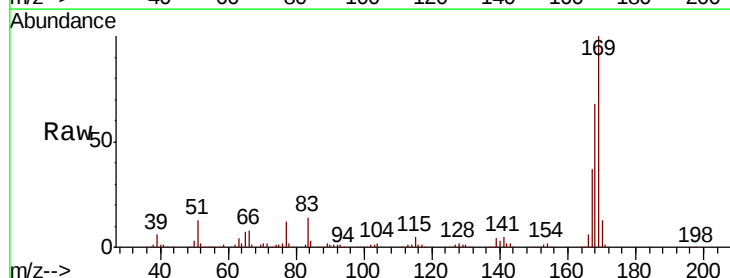
Tgt Ion:169 Resp: 737381

Ion Ratio Lower Upper

169 100

168 67.5 54.3 81.5

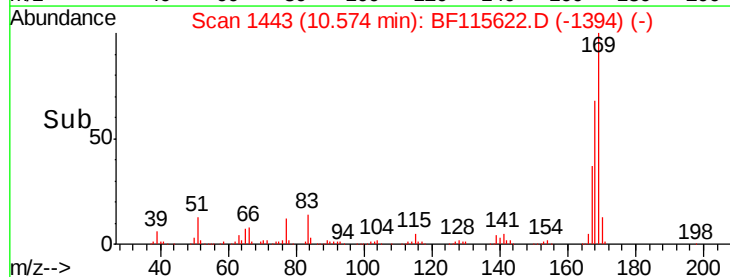
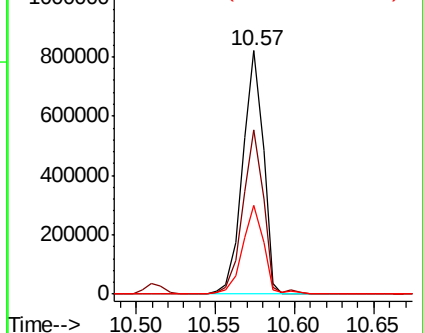
167 36.6 30.2 45.2

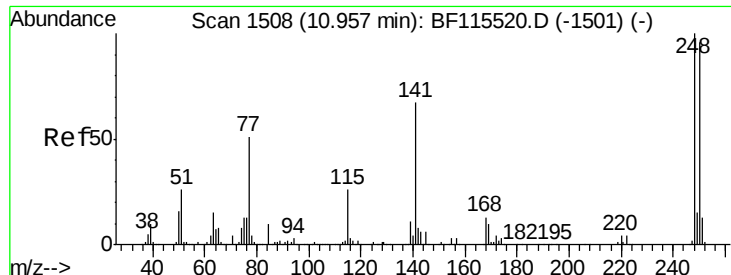


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





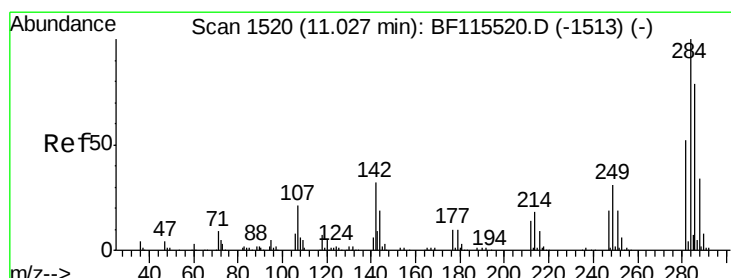
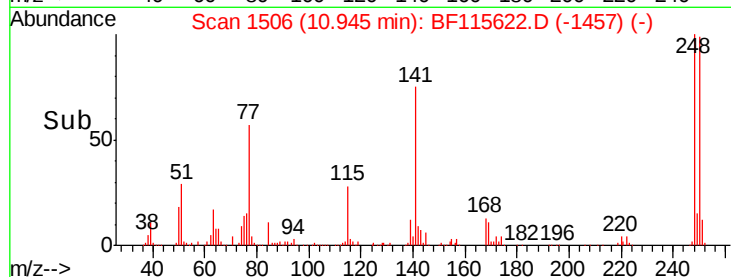
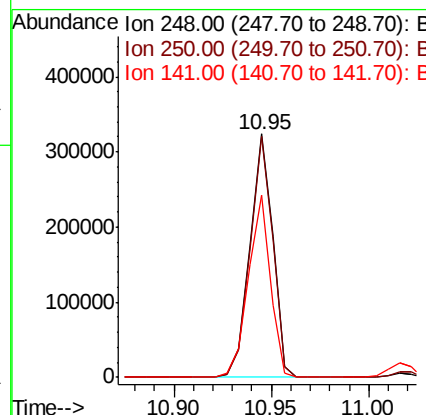
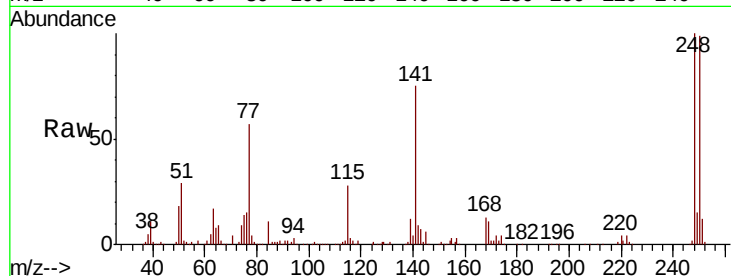
#67
4-Bromophenyl-phenylether
Concen: 35.617 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	78.0	117.0
141	74.7	57.7	86.5

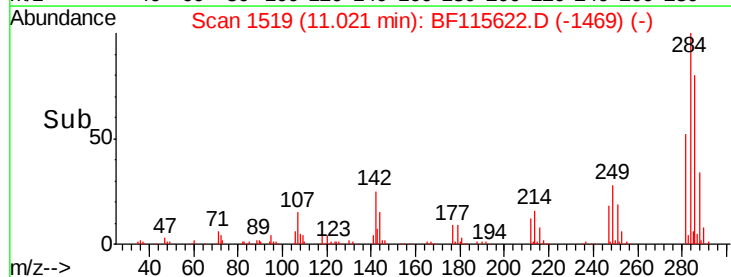
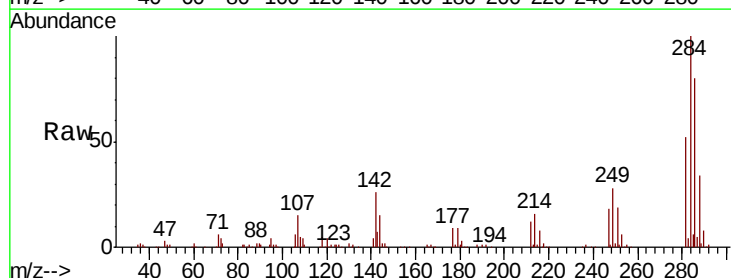
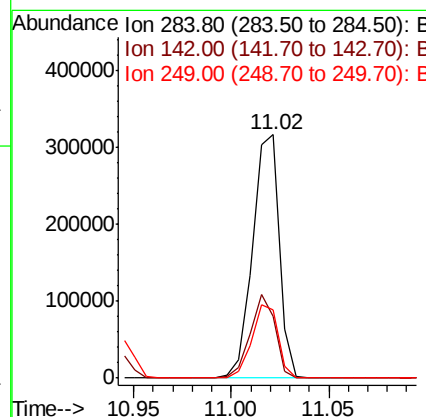
Manual Integrations
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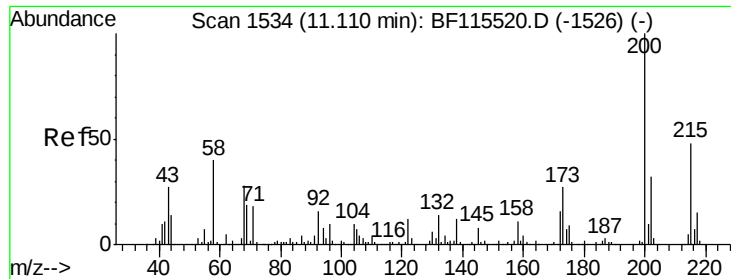
mohammad
7/19/2019 2:25:50 PM



#68
Hexachlorobenzene
Concen: 35.428 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.6	22.2	33.2
249	28.2	23.4	35.2





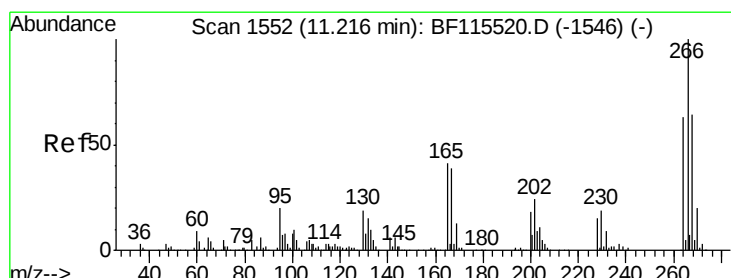
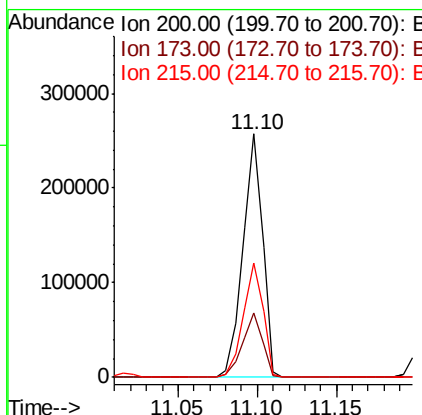
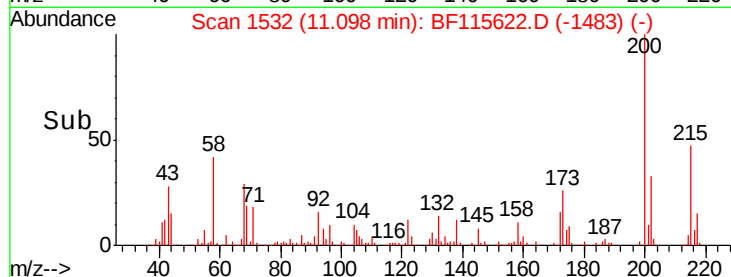
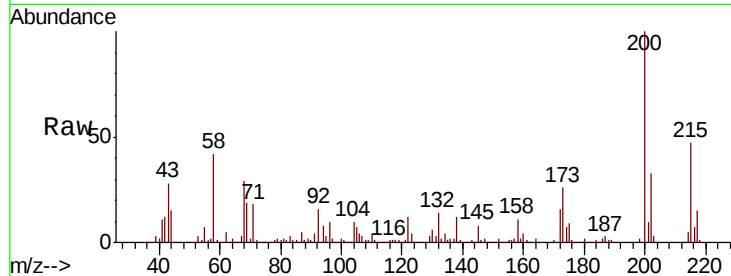
#69
Atrazine
Concen: 33.610 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	222284		
173	26.3	6.9	46.9	
215	46.9	27.9	67.9	

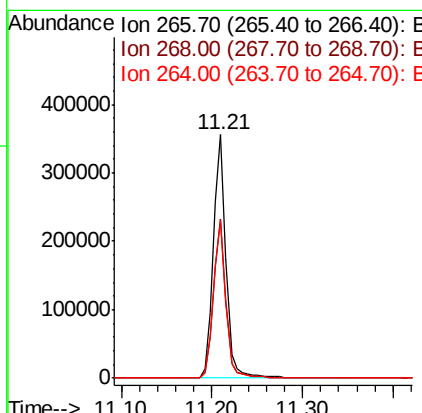
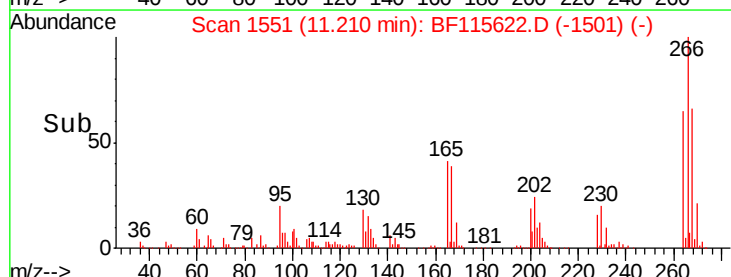
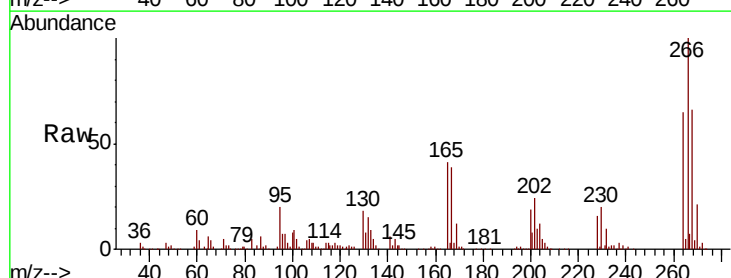
Manual Integrations
APPROVED

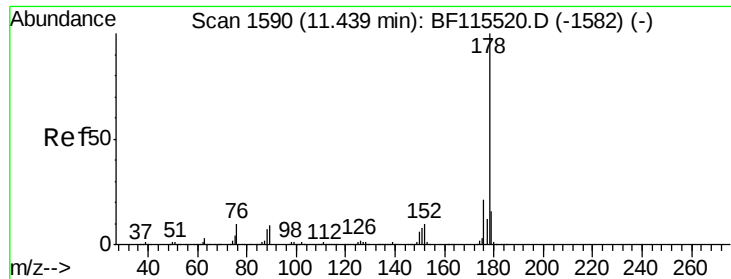
mohammad
7/19/2019 2:25:50 PM



#70
Pentachlorophenol
Concen: 67.749 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	350472		
268	65.5	51.6	77.4	
264	64.8	50.6	76.0	





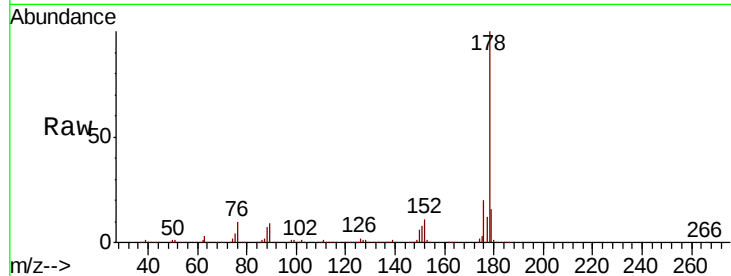
#71
Phenanthrene
Concen: 36.847 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	17.2	25.8
179	15.6	13.5	20.3

Manual Integrations
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mohammad
7/19/2019 2:25:50 PM

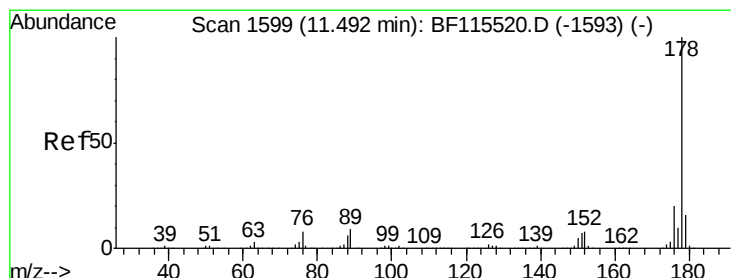
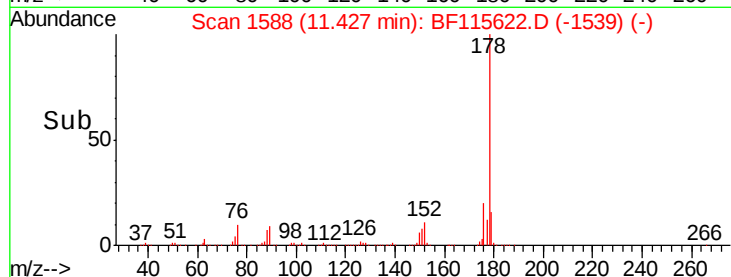
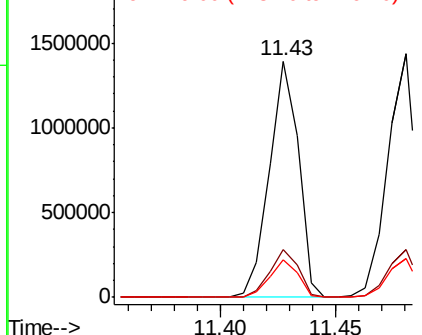


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 35.982 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

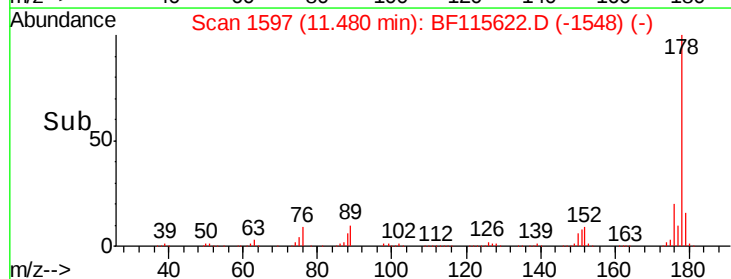
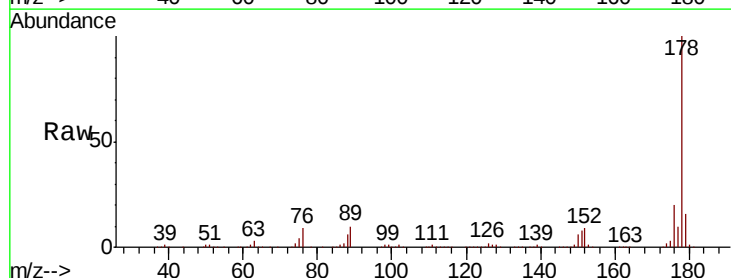
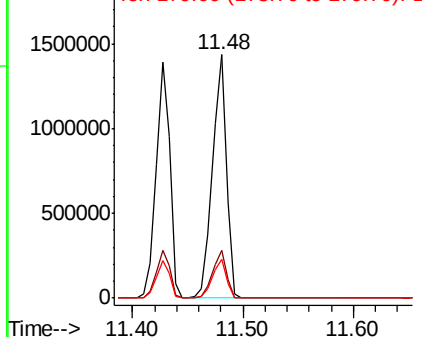
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	16.0	12.7	19.1

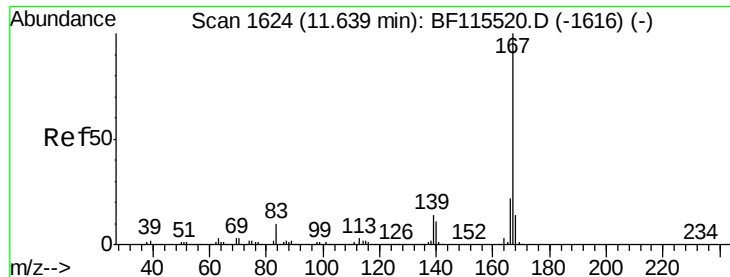
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





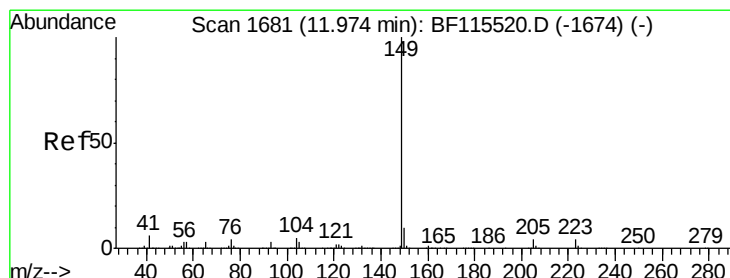
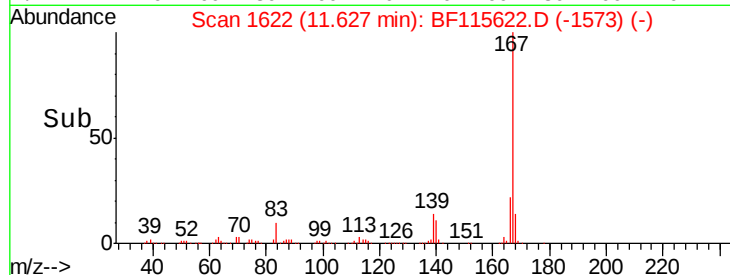
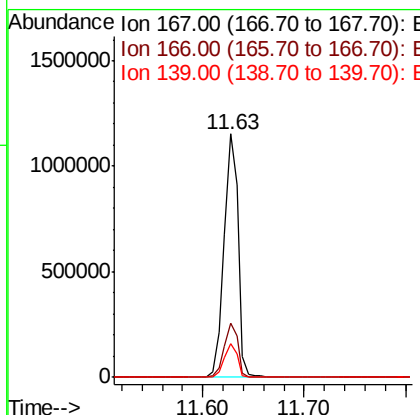
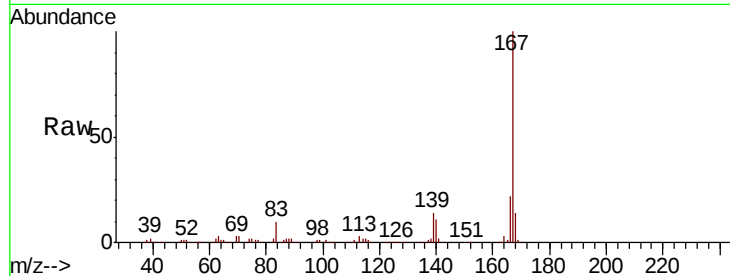
#73
 Carbazole
 Concen: 36.760 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121441BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	13.9	11.3	16.9

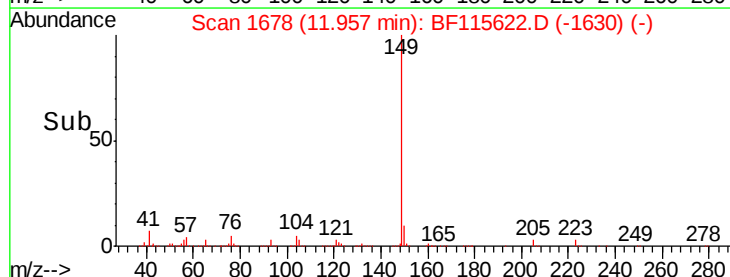
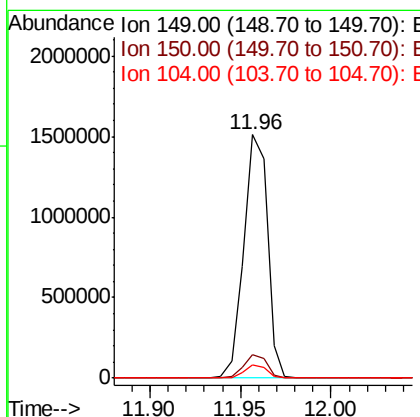
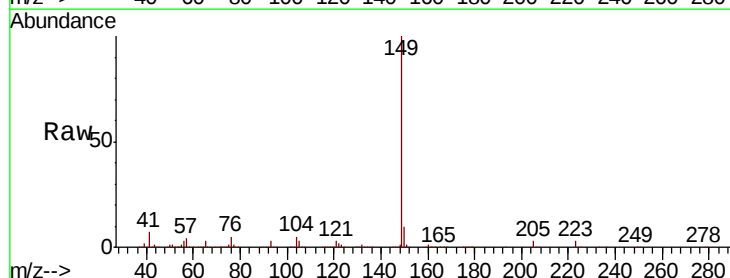
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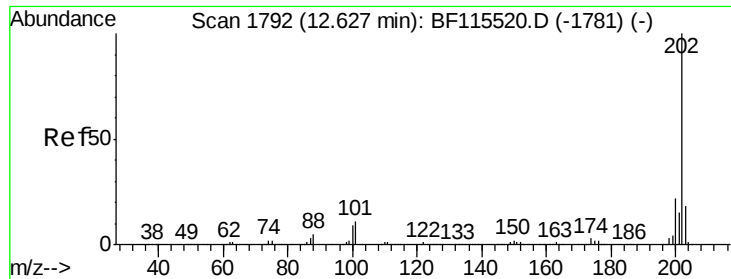
mohammad
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#74
 Di-n-butylphthalate
 Concen: 37.175 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.02 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.2	3.8	5.8





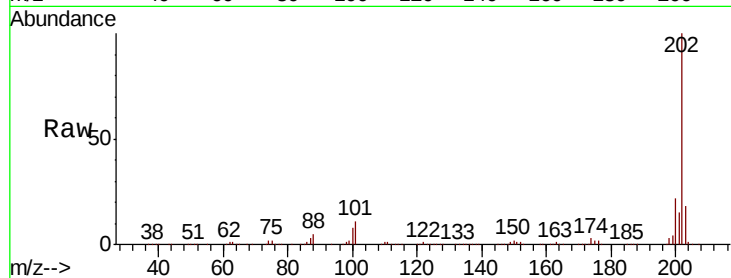
#75
Fluoranthene
Concen: 36.797 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

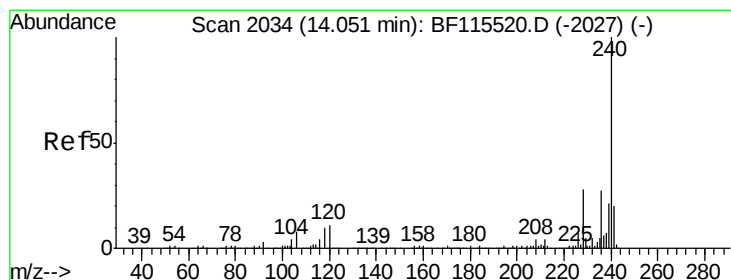
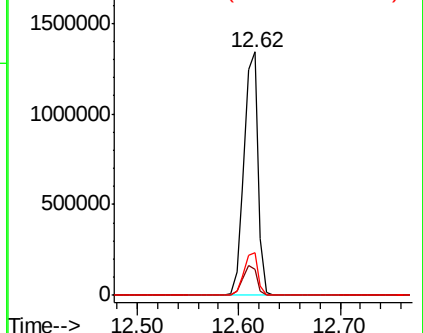
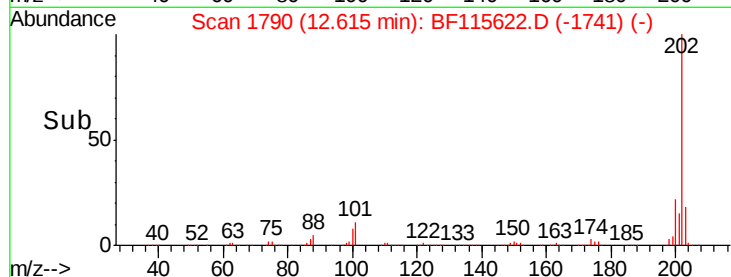
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1291788		
101	10.9		0.0	31.4
203	17.7		0.0	38.1

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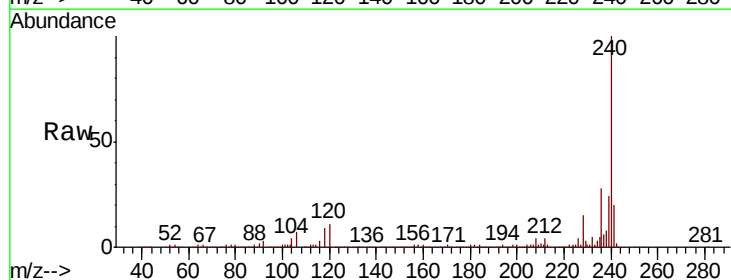


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

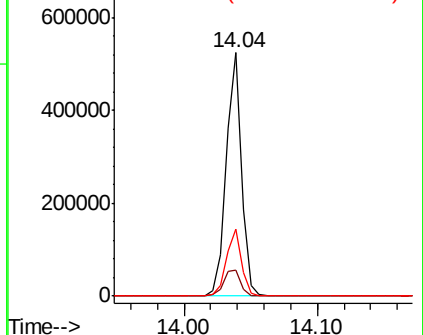
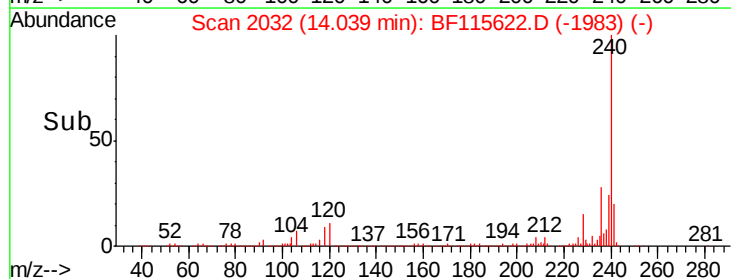


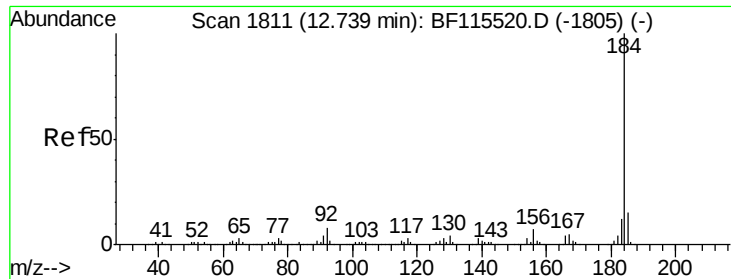
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	424929		
120	10.5		8.6	13.0
236	27.6		21.3	31.9



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.378 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

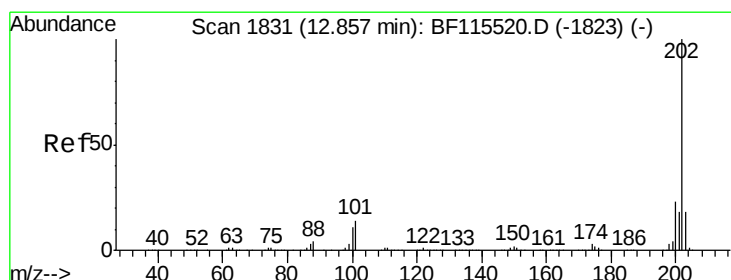
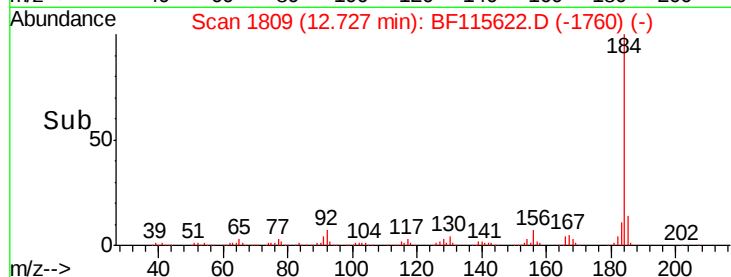
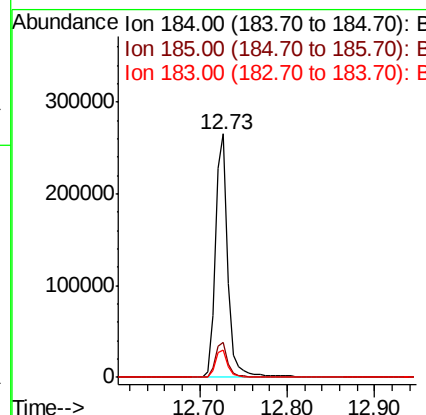
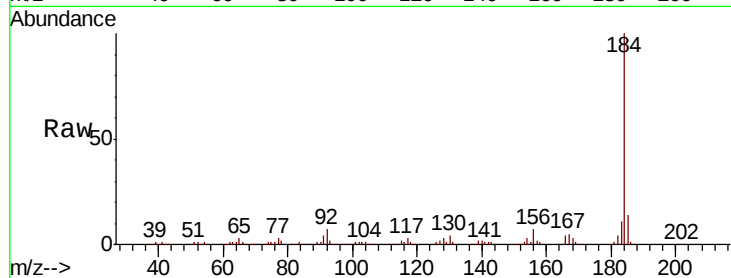
ClientSampleId :

PB121441BS

Tot Ion:	184	Resp:	261588
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.0	18.0
183	11.4	9.3	13.9

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#78

Pyrene

Concen: 35.711 ng

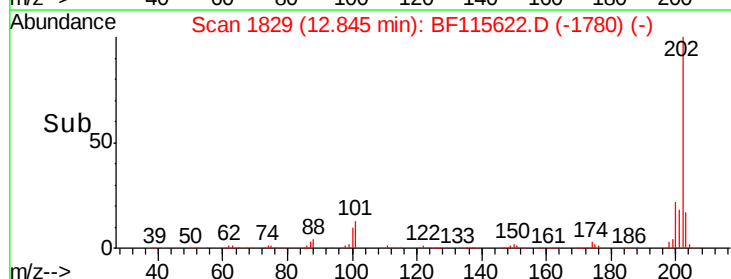
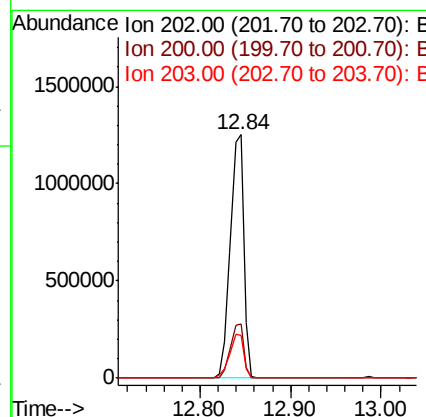
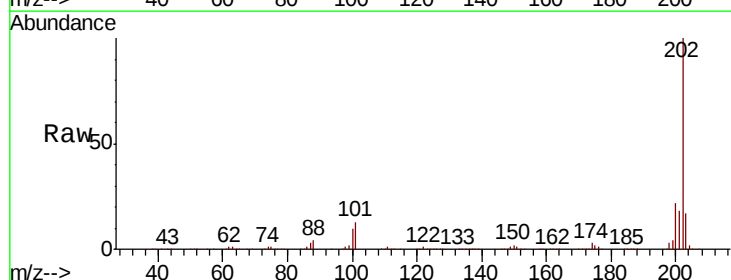
RT: 12.84 min Scan# 1829

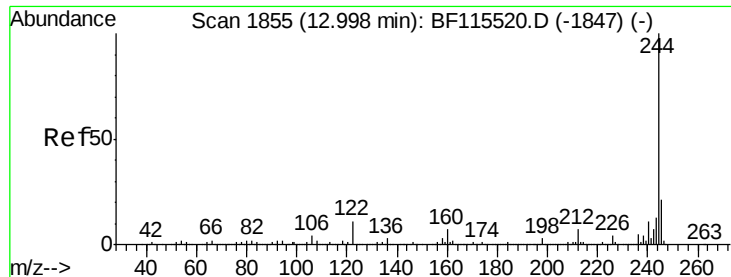
Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Tgt Ion:	202	Resp:	1285636
Ion Ratio	Lower	Upper	
202	100		
200	22.1	18.7	28.1
203	17.4	15.2	22.8





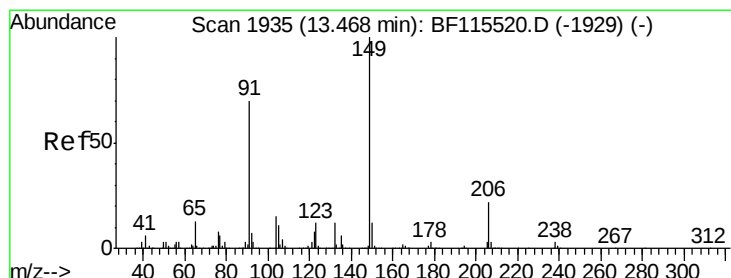
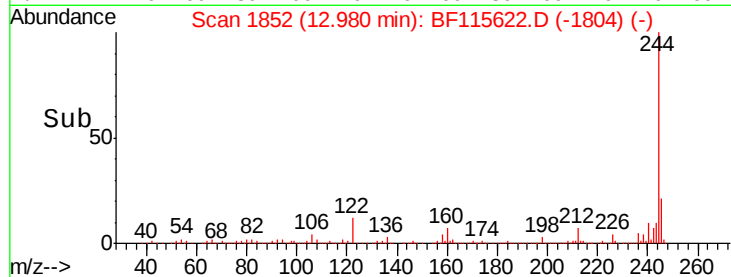
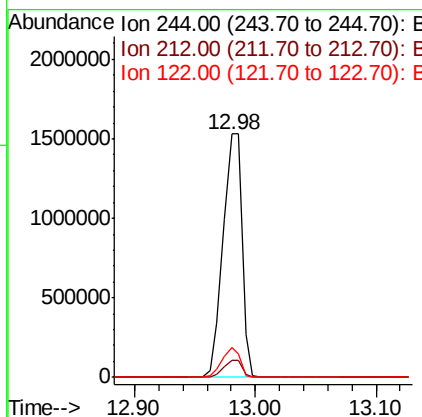
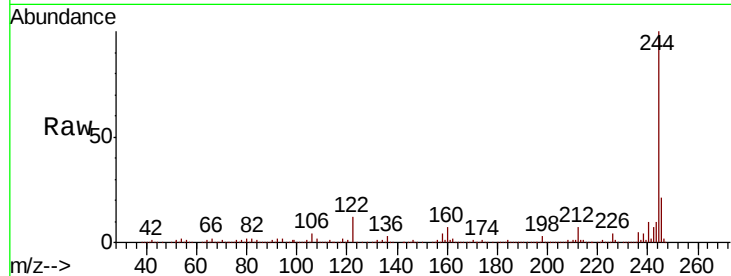
#79
 Terphenyl-d14
 Concen: 72.644 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB121441BS

Tot Ion:244 Resp: 1672943
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 12.2 8.6 12.8

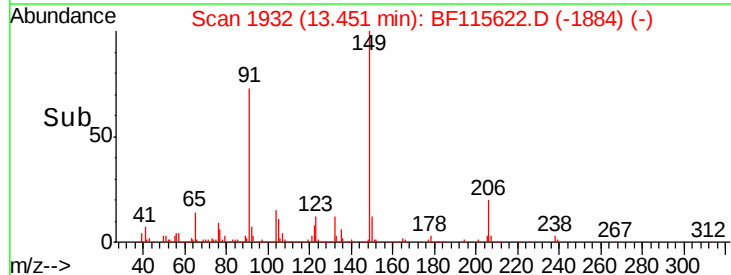
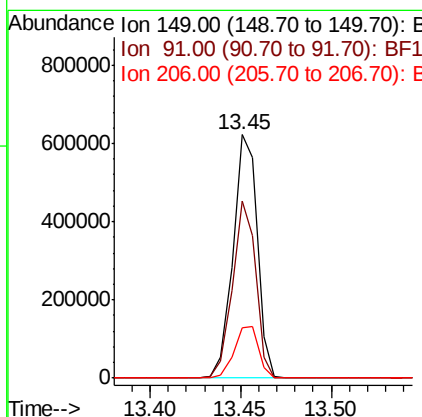
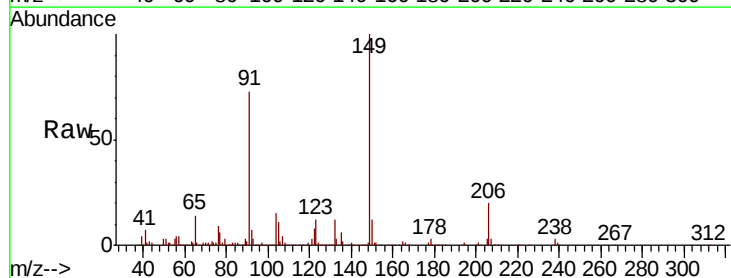
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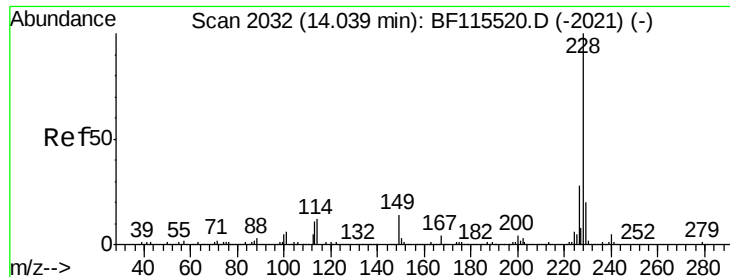
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#80
 Butylbenzylphthalate
 Concen: 37.688 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.02 min
 Lab File: BF115622.D
 Acq: 17 Jul 2019 14:43

Tgt Ion:149 Resp: 578402
 Ion Ratio Lower Upper
 149 100
 91 72.9 55.8 83.8
 206 20.4 18.2 27.2





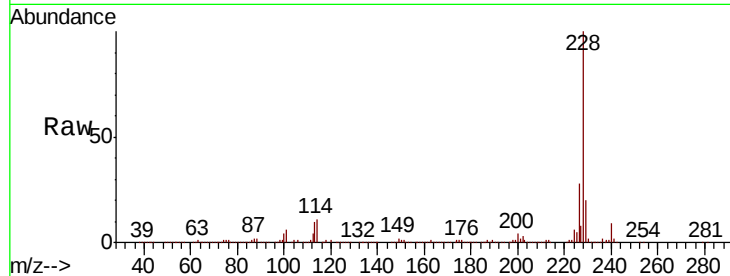
#81
Benzo(a)anthracene
Concen: 36.334 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampled :
PB121441BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.4	35.0
229	20.4	17.2	25.8

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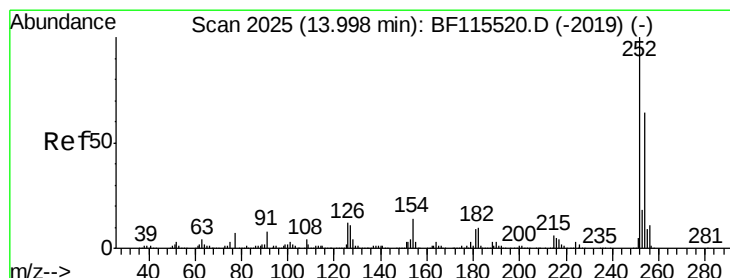
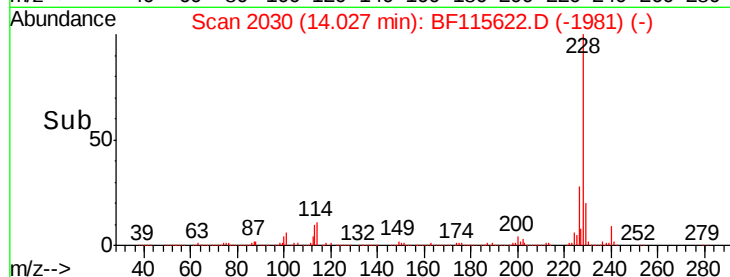
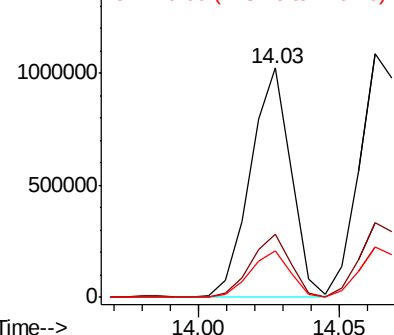


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 31.755 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

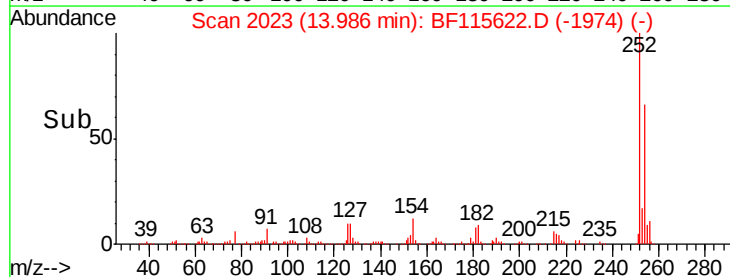
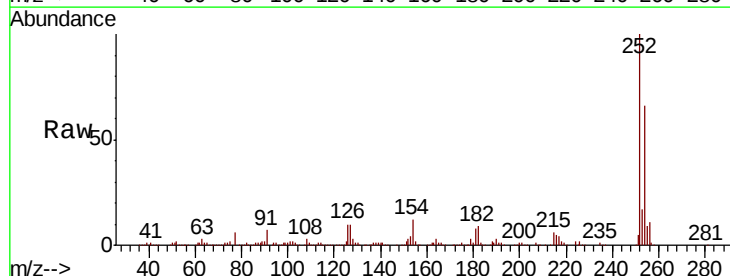
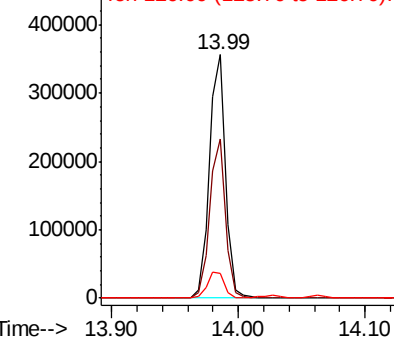
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.9	79.3
126	10.1	9.9	14.9

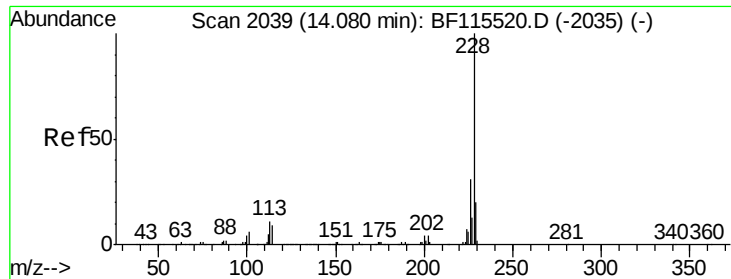
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.618 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.02 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

ClientSampleId :

PB121441BS

Tot Ion:228 Resp: 1029066

Ion Ratio Lower Upper

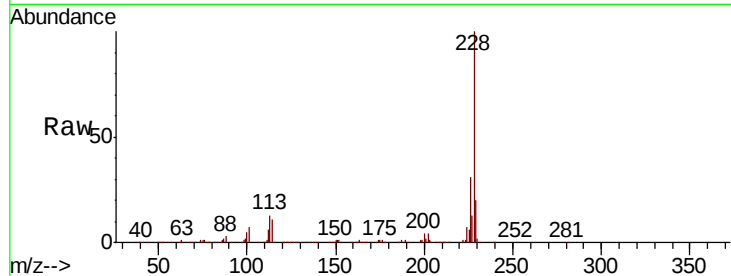
228 100

226 30.9 25.7 38.5

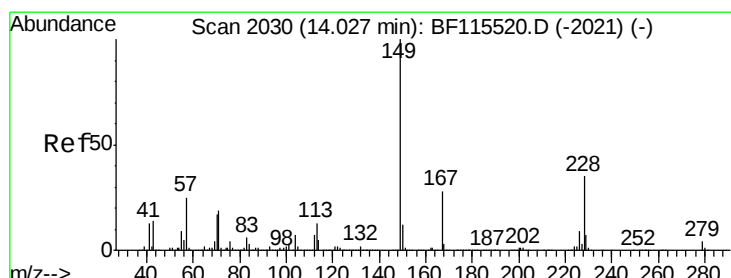
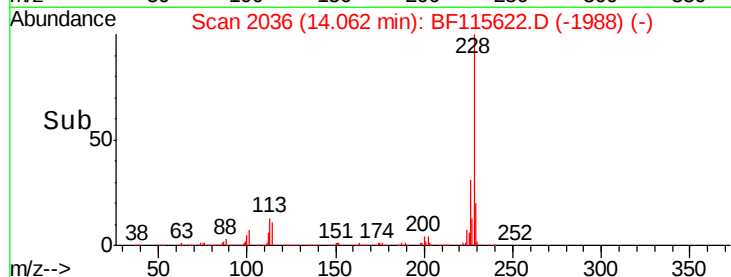
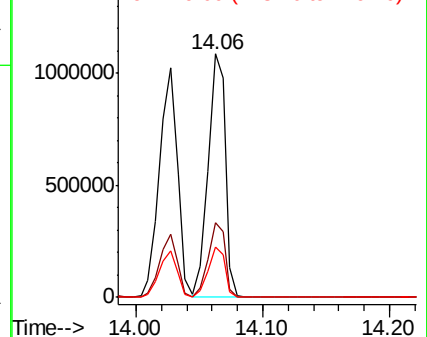
229 20.5 16.6 25.0

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.116 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

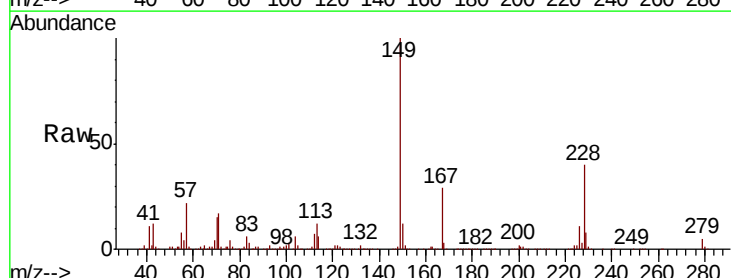
Tgt Ion:149 Resp: 762615

Ion Ratio Lower Upper

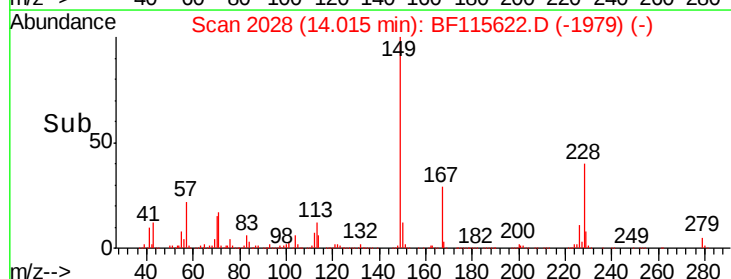
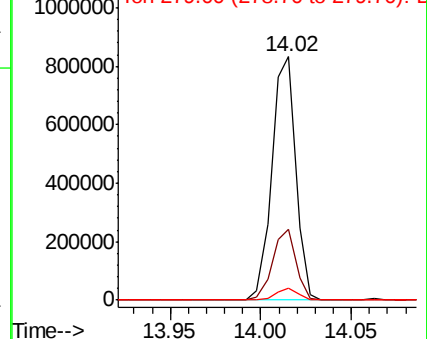
149 100

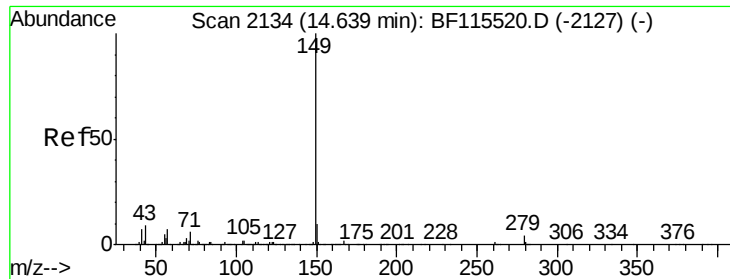
167 29.0 23.0 34.4

279 5.0 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.548 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

Instrument :

BNA_F

ClientSampleId :

PB121441BS

Tot Ion:149 Resp: 1226479

Ion Ratio Lower Upper

149 100

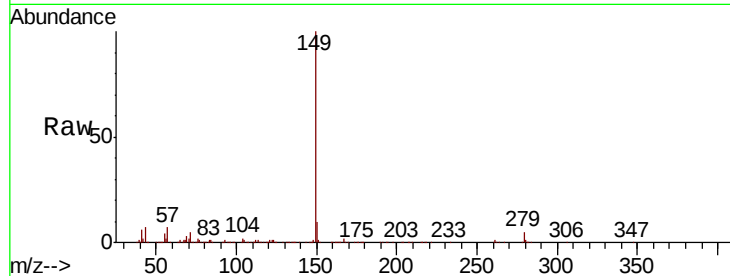
167 1.6 1.4 2.0

43 8.2 7.2 10.8

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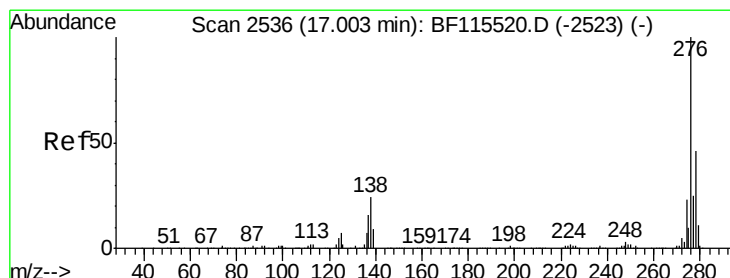
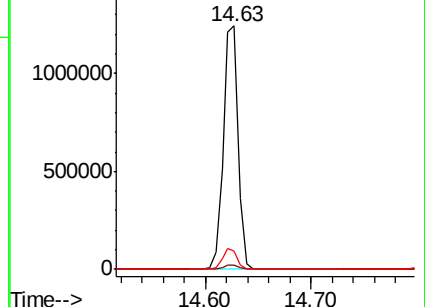
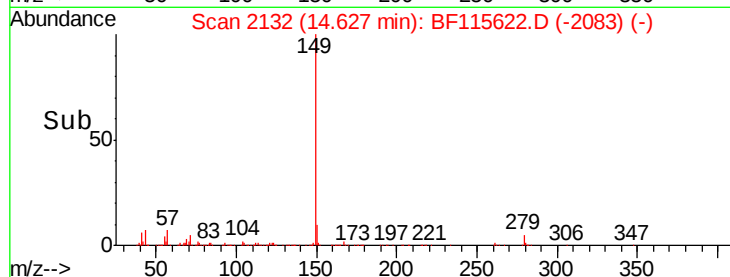
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.474 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.03 min

Lab File: BF115622.D

Acq: 17 Jul 2019 14:43

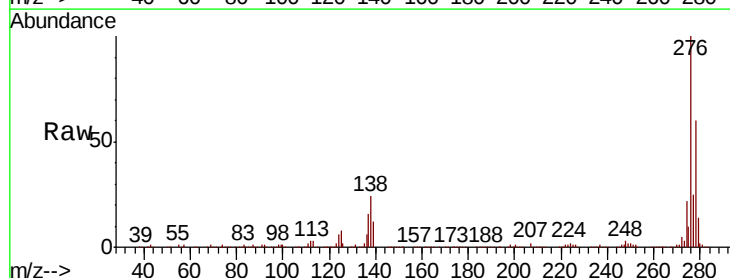
Tgt Ion:276 Resp: 942461

Ion Ratio Lower Upper

276 100

138 26.1 20.2 30.2

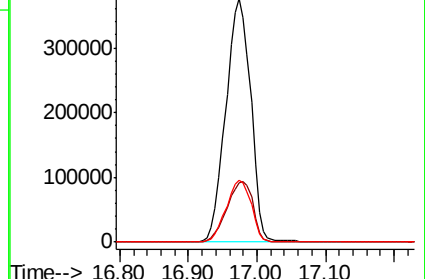
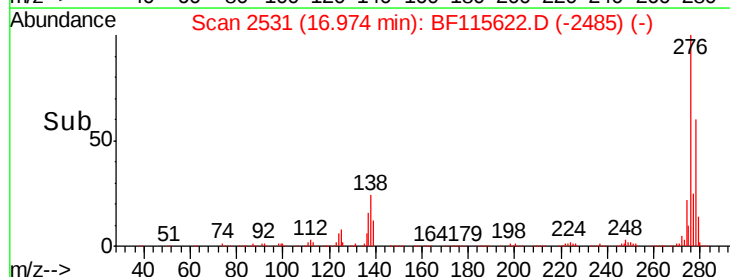
277 25.7 20.4 30.6

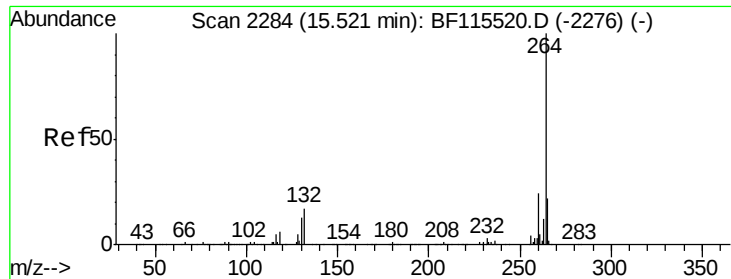


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





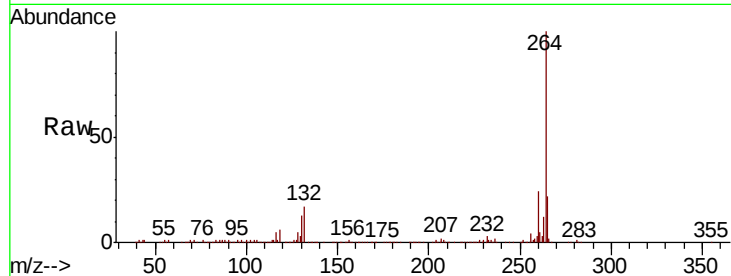
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	21.8	17.7	26.5

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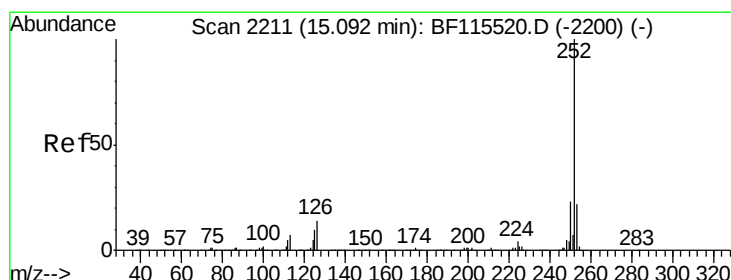
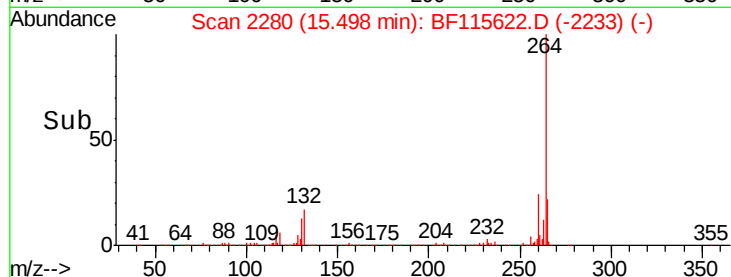
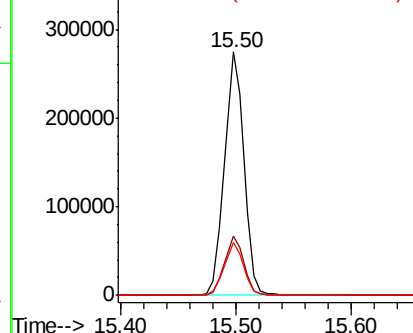


Abundance

Ion 264.00 (263.70 to 264.70): E

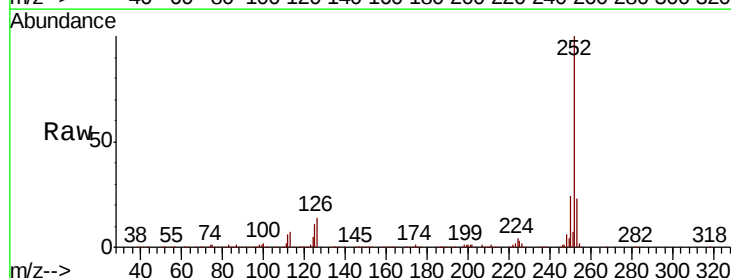
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 49.139 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	11.0	9.0	13.4

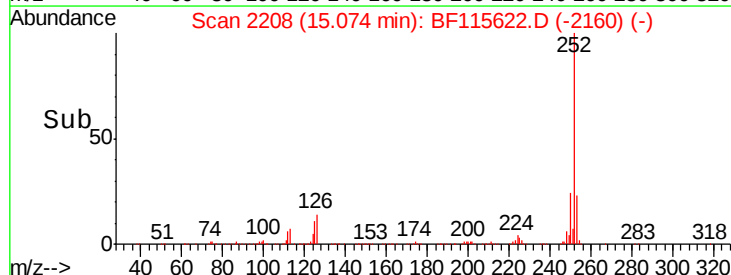
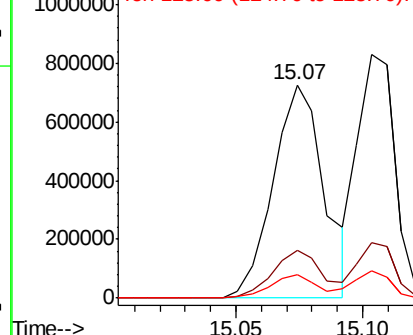


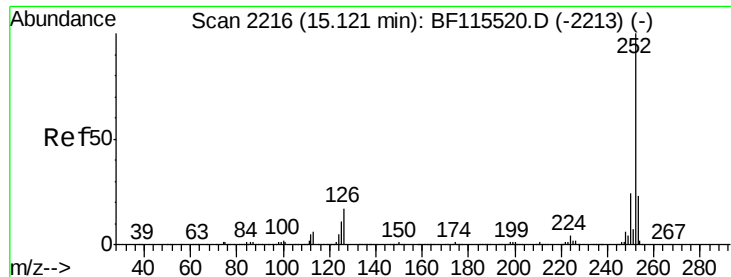
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





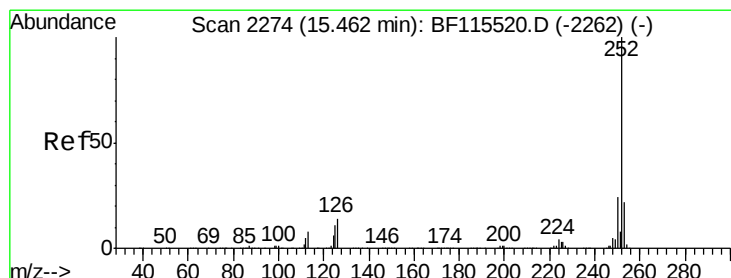
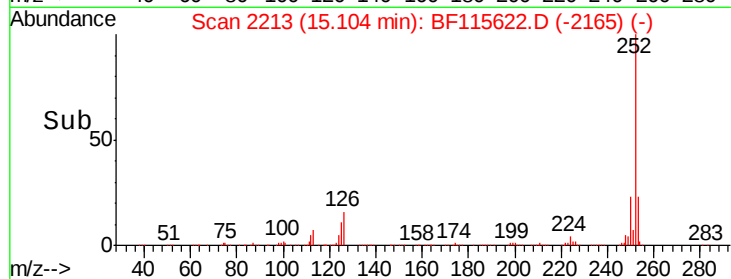
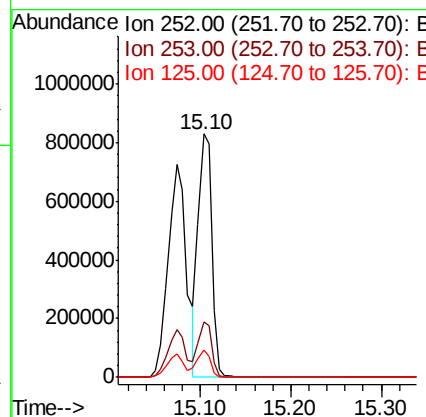
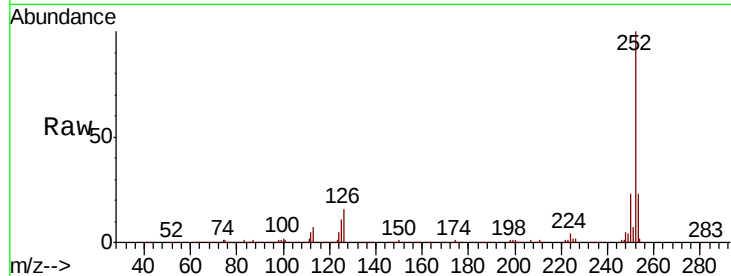
#89
Benzo(k)fluoranthene
Concen: 46.346 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampled :
PB121441BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.6	28.0
125	11.2	9.0	13.6

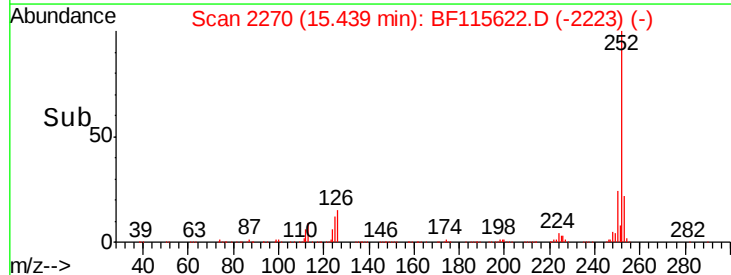
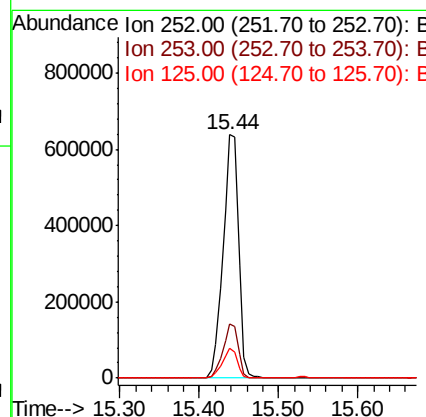
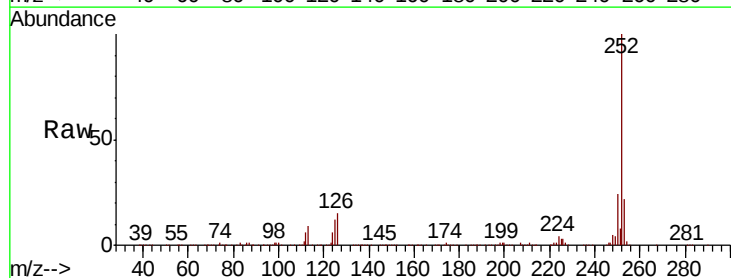
Manual Integrations
APPROVED

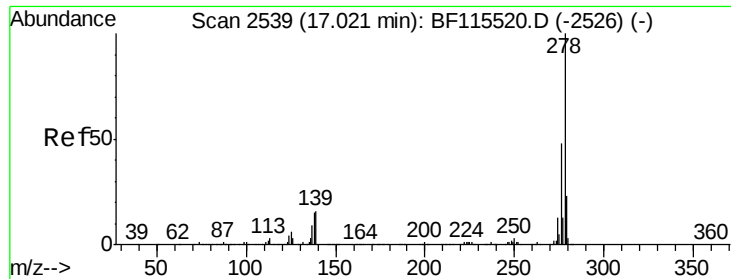
mohammad
7/19/2019 2:25:50 PM



#90
Benzo(a)pyrene
Concen: 48.599 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	12.1	9.1	13.7





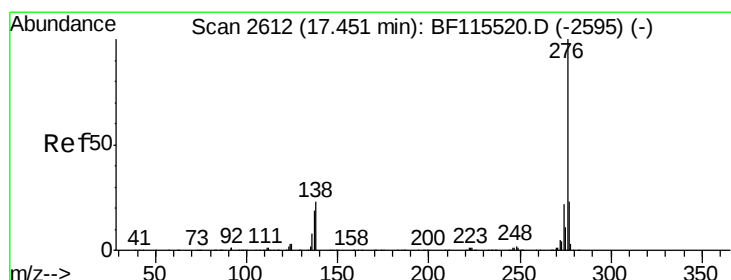
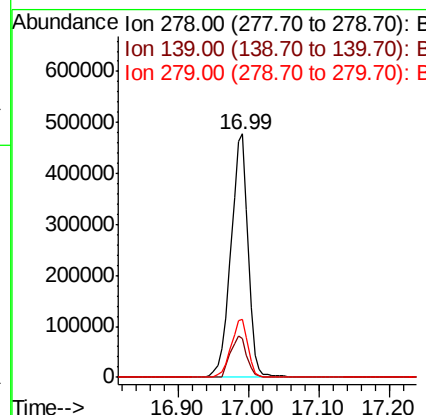
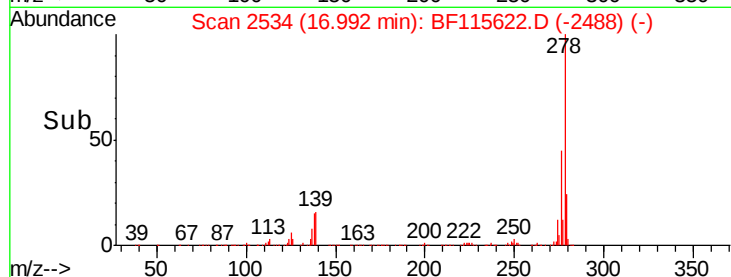
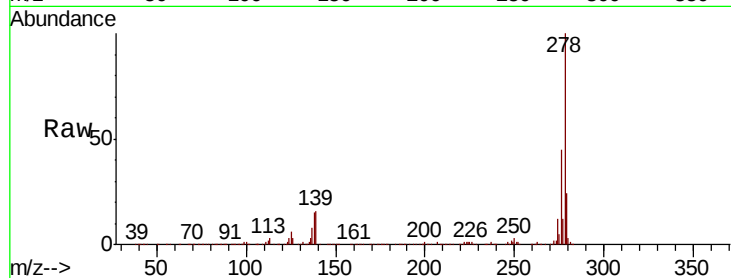
#91
Dibenzo(a,h)anthracene
Concen: 51.779 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.03 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Instrument :
BNA_F
ClientSampleId :
PB121441BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.1	19.7
279	23.7	19.6	29.4

Manual Integrations
APPROVED

mohammad
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#92
Benzo(g,h,i)perylene
Concen: 51.880 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.04 min
Lab File: BF115622.D
Acq: 17 Jul 2019 14:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	21.6	17.2	25.8

