

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115588.D
 Acq On : 16 Jul 2019 10:53
 Operator : HP/JU
 Sample : PB121214BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121214BSD

Manual Integrations
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 7/17/2019 12:05:30 PM

Quant Time: Jul 16 16:54:06 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	207606	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	859959	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	369416	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	713840	20.00	ng	0.00
76) Chrysene-d12	14.04	240	457559	20.00	ng	0.00
87) Perylene-d12	15.51	264	333279	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1351881	106.51	ng	0.02
7) Phenol-d6	6.52	99	1783609	110.75	ng	0.00
23) Nitrobenzene-d5	7.45	82	1124069	76.00	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	474857	110.13	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1760518	83.41	ng	0.00
79) Terphenyl-d14	12.99	244	1850238	74.61	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.79	88	204814	32.351	ng	99
3) Pyridine	3.53	79	527515	30.711	ng	99
4) n-Nitrosodimethylamine	3.48	42	231767	37.194	ng	96
6) Aniline	6.55	93	563431	25.140	ng	99
8) 2-Chlorophenol	6.67	128	550126	37.699	ng	96
9) Benzaldehyde	6.43	77	79208	7.870	ng	99
10) Phenol	6.53	94	696184	37.238	ng	86
11) bis(2-Chloroethyl)ether	6.62	93	530753	37.288	ng	99
12) 1,3-Dichlorobenzene	6.83	146	580410	35.377	ng	99
13) 1,4-Dichlorobenzene	6.90	146	582848	35.606	ng	99
14) 1,2-Dichlorobenzene	7.06	146	540850	36.143	ng	97
15) Benzyl Alcohol	7.02	79	479749	37.552	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	735488	39.248	ng	96
17) 2-Methylphenol	7.13	107	478566	38.055	ng	99
18) Hexachloroethane	7.40	117	216468	35.627	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	385056	36.660	ng	98
20) 3+4-Methylphenols	7.29	107	562758	37.674	ng	96
22) Acetophenone	7.29	105	754547	38.839	ng	# 94
24) Nitrobenzene	7.46	77	606048	37.993	ng	97
25) Isophorone	7.70	82	1146776	38.750	ng	99
26) 2-Nitrophenol	7.78	139	317395	38.657	ng	97
27) 2,4-Dimethylphenol	7.82	122	532289	43.328	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	700384	38.577	ng	100
29) 2,4-Dichlorophenol	8.02	162	489151	38.285	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	529350	36.653	ng	97
31) Naphthalene	8.19	128	1610024	38.658	ng	98
32) Benzoic acid	7.95	122	399984	39.673	ng	99
33) 4-Chloroaniline	8.23	127	380154	20.607	ng	99
34) Hexachlorobutadiene	8.31	225	298019	35.984	ng	99
35) Caprolactam	8.60	113	137232m	34.759	ng	
36) 4-Chloro-3-methylphenol	8.72	107	445606	33.623	ng	100
37) 2-Methylnaphthalene	8.88	142	953077	34.523	ng	98
38) 1-Methylnaphthalene	8.98	142	889418	33.918	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	437842	39.359	ng	98

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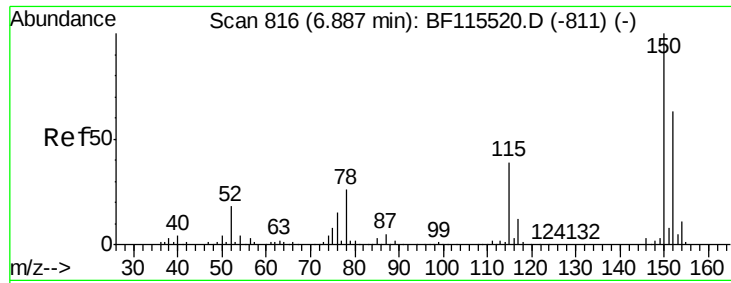
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	361796	57.013	nq	98
43) 2,4,6-Trichlorophenol	9.16	196	307684	37.821	nq	99
44) 2,4,5-Trichlorophenol	9.20	196	326121	39.144	nq	100
46) 1,1'-Biphenyl	9.35	154	1153331	39.935	nq	98
47) 2-Chloronaphthalene	9.37	162	909751	37.831	nq	98
48) 2-Nitroaniline	9.46	65	269174	36.165	nq	99
49) Acenaphthylene	9.79	152	1369359	38.430	nq	98
50) Dimethylphthalate	9.65	163	1057112	38.034	nq	99
51) 2,6-Dinitrotoluene	9.70	165	245015	38.791	nq	89
52) Acenaphthene	9.96	154	966038	41.993	nq	99
53) 3-Nitroaniline	9.87	138	176540	24.458	nq	99
54) 2,4-Dinitrophenol	9.98	184	252483	77.857	nq	91
55) Dibenzofuran	10.13	168	1235433	37.816	nq	100
56) 4-Nitrophenol	10.03	139	382286	69.455	nq	99
57) 2,4-Dinitrotoluene	10.10	165	328589	40.155	nq	98
58) Fluorene	10.47	166	927931	39.731	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.25	232	283876	40.760	nq	98
60) Diethylphthalate	10.35	149	1018300	39.103	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	479441	37.018	nq	99
62) 4-Nitroaniline	10.49	138	242157	34.975	nq	99
63) Azobenzene	10.62	77	978522	38.739	nq	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	164244	37.659	nq	100
66) n-Nitrosodiphenylamine	10.58	169	848688	38.221	nq	98
67) 4-Bromophenyl-phenylether	10.95	248	304795	37.364	nq	98
68) Hexachlorobenzene	11.02	284	343384	36.860	nq	# 92
69) Atrazine	11.10	200	261313	35.873	nq	99
70) Pentachlorophenol	11.22	266	403755	70.862	nq	99
71) Phenanthrene	11.43	178	1402090	38.318	nq	98
72) Anthracene	11.49	178	1425876	37.706	nq	99
73) Carbazole	11.63	167	1259538	37.982	nq	100
74) Di-n-butylphthalate	11.97	149	1554501	38.057	nq	99
75) Fluoranthene	12.62	202	1442584	37.308	nq	99
77) Benzidine	12.73	184	314844	19.424	nq	99
78) Pyrene	12.85	202	1456582	37.574	nq	98
80) Butylbenzylphthalate	13.46	149	632585	38.279	nq	97
81) Benzo(a)anthracene	14.03	228	1122614	37.242	nq	96
82) 3,3'-Dichlorobenzidine	13.99	252	331629	30.947	nq	99
83) Chrysene	14.07	228	1149631	37.991	nq	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	816474	39.886	nq	# 98
85) Di-n-octyl phthalate	14.63	149	1331268	40.874	nq	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	904099	35.167	nq	99
88) Benzo(b)fluoranthene	15.08	252	1032789	48.125	nq	100
89) Benzo(k)fluoranthene	15.12	252	944005	49.339	nq	97
90) Benzo(a)pyrene	15.45	252	892754	48.401	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	772351	47.697	nq	99
92) Benzo(g,h,i)perylene	17.43	276	746243	46.208	nq	99

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



#1

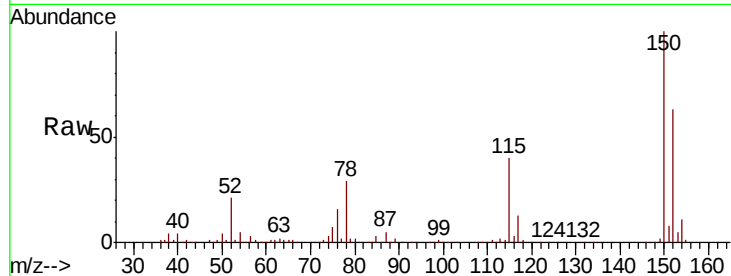
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	129.7	194.5
115	63.4	48.2	72.4

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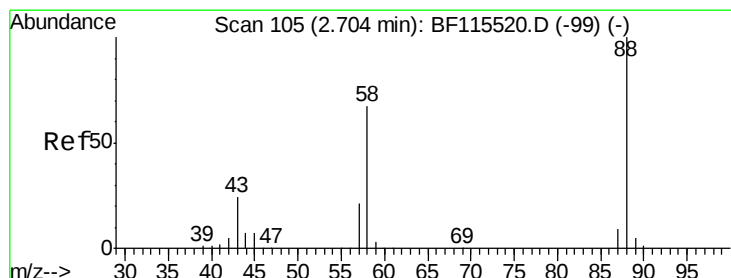
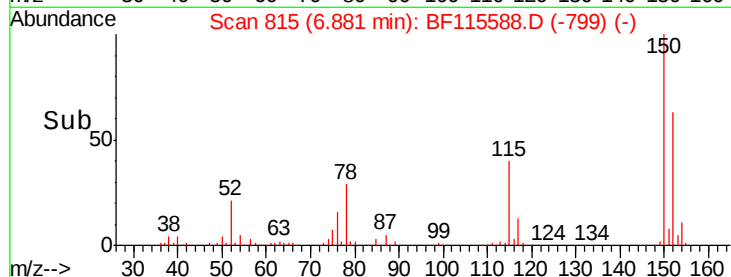
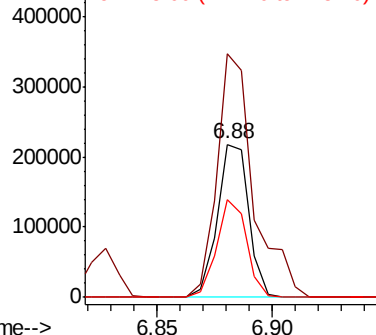


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

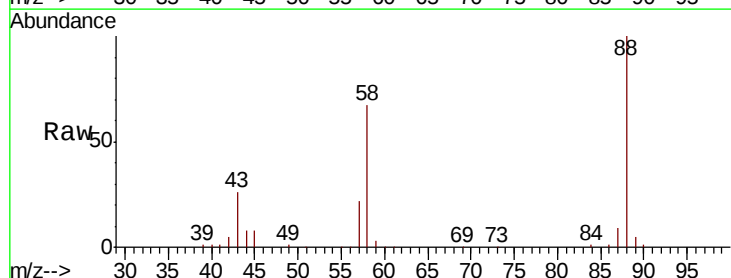
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.351 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.09 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.5	52.6	79.0
43	24.6	19.1	28.7

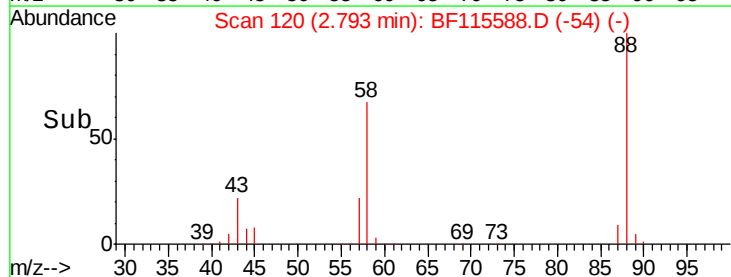
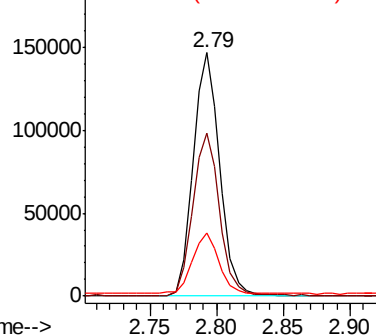


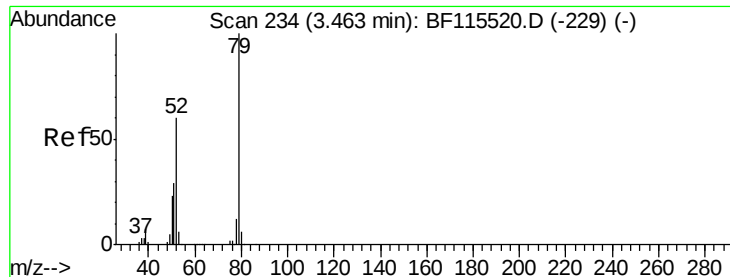
Abundance

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: 30.711 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.07 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :

BNA_F

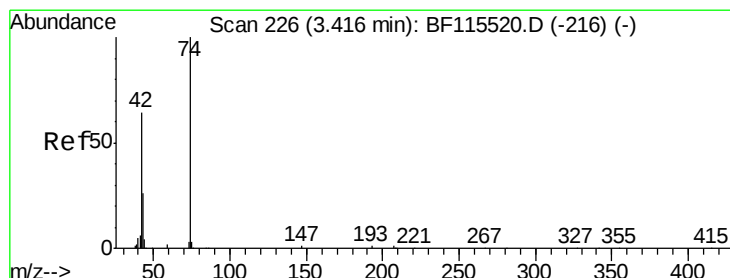
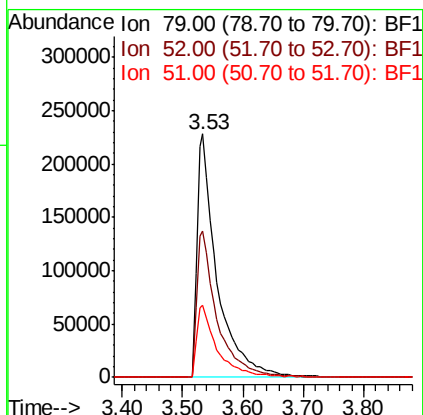
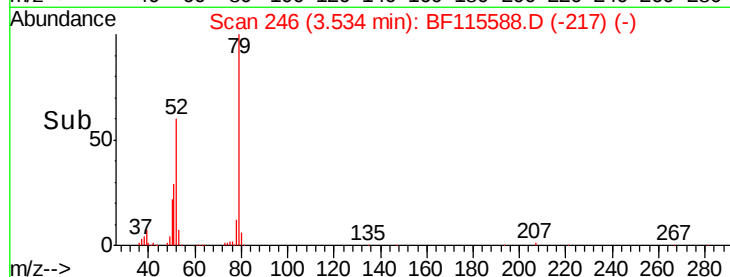
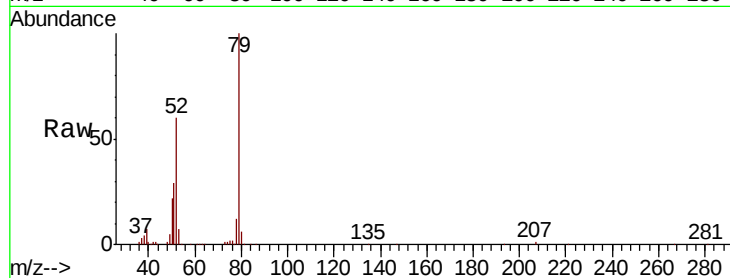
ClientSampleId :

PB121214BSD

Tot Ion:	79	Resp:	527515
Ion Ratio	Lower	Upper	
79	100		
52	60.1	47.8	71.6
51	29.4	23.8	35.8

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#4

n-Nitrosodimethylamine

Concen: 37.194 ng

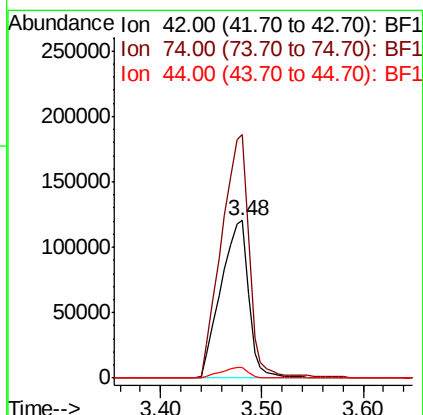
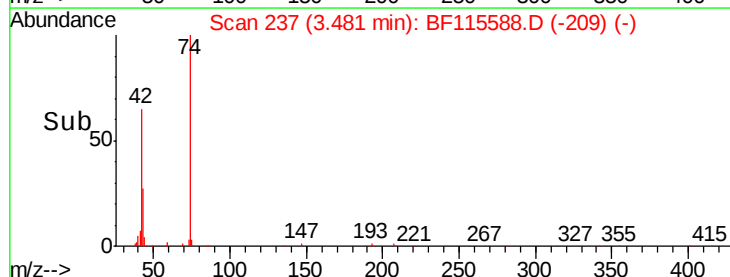
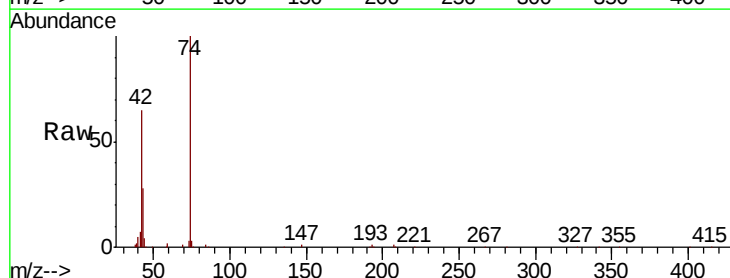
RT: 3.48 min Scan# 237

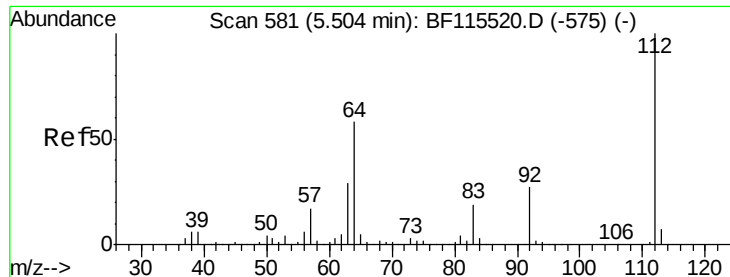
Delta R.T. 0.06 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Tgt Ion:	42	Resp:	231767
Ion Ratio	Lower	Upper	
42	100		
74	154.6	127.5	191.3
44	6.5	5.0	7.6





#5

2-Fluorophenol

Concen: 106.514 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :

BNA_F

ClientSampleId :

PB121214BSD

Tot Ion: 112 Resp: 1351881

Ion Ratio Lower Upper

112 100

64 56.3 46.8 70.2

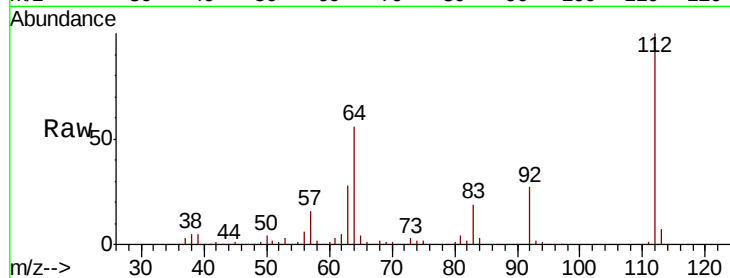
63 28.4 24.1 36.1

Manual Integrations

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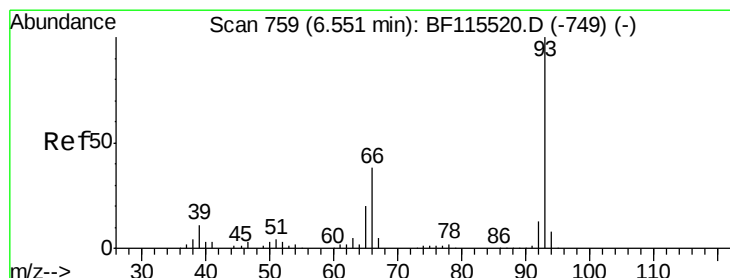
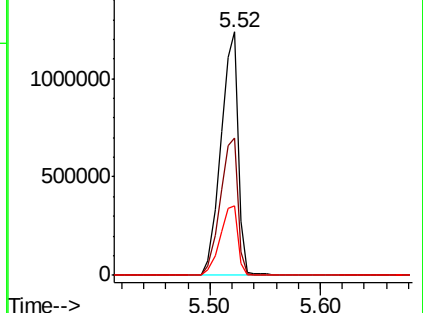
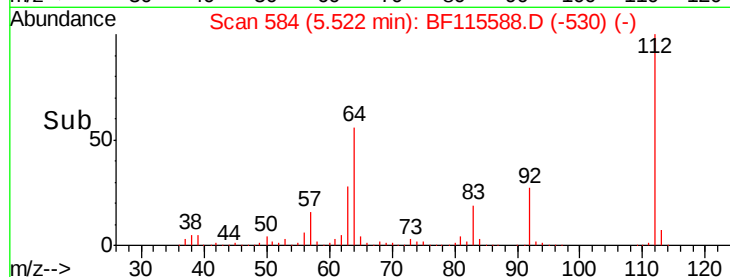
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Abundance Ion 112.00 (111.70 to 112.70): BF115588.D (-530) (-)

Ion 64.00 (63.70 to 64.70): BF115588.D (-530) (-)

Ion 63.00 (62.70 to 63.70): BF115588.D (-530) (-)



#6

Aniline

Concen: 25.140 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

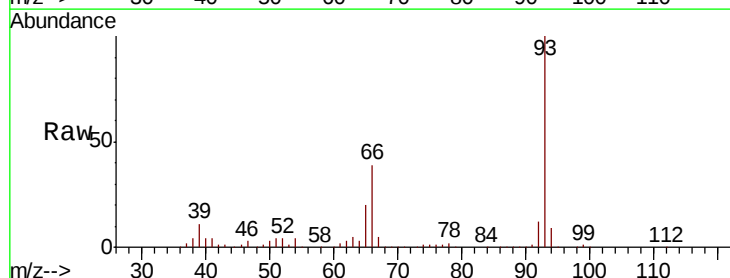
Tgt Ion: 93 Resp: 563431

Ion Ratio Lower Upper

93 100

66 38.7 31.7 47.5

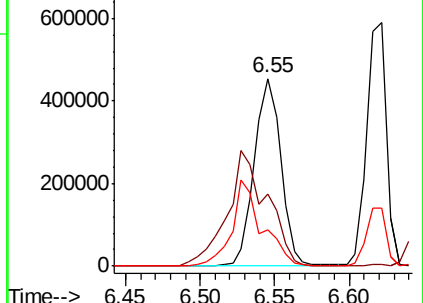
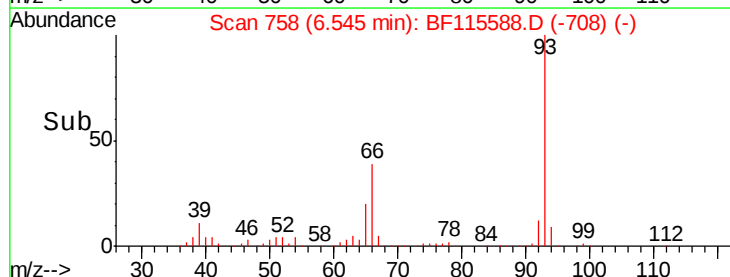
65 19.6 16.2 24.2

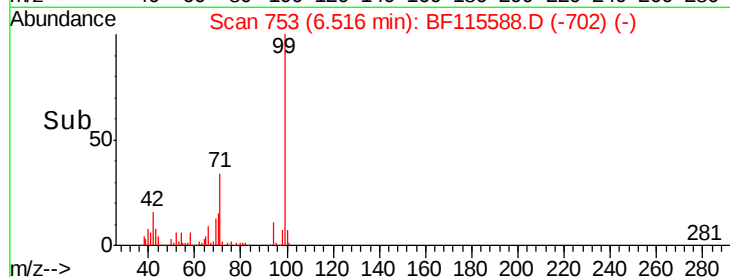
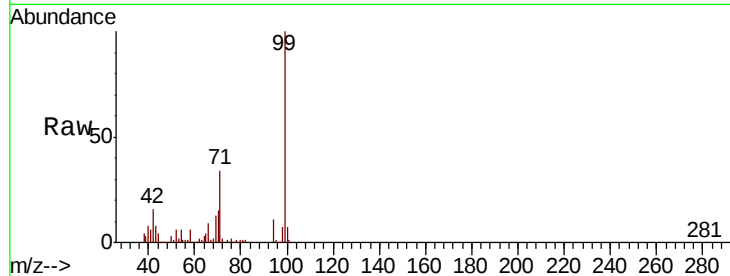
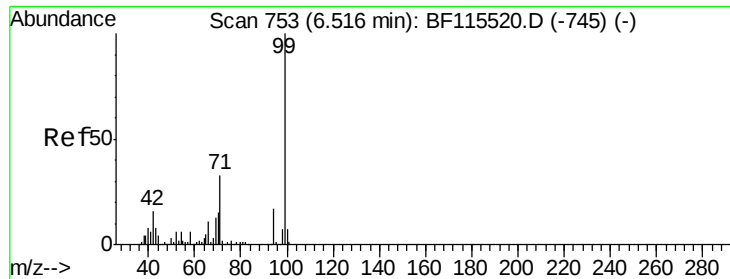


Abundance Ion 93.00 (92.70 to 93.70): BF115588.D (-708) (-)

Ion 66.00 (65.70 to 66.70): BF115588.D (-708) (-)

Ion 65.00 (64.70 to 65.70): BF115588.D (-708) (-)





#7

Phenol-d6

Concen: 110.750 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Tot Ion: 99 Resp: 1783609

Ion Ratio Lower Upper

99 100

42 16.5 13.6 20.4

71 34.3 28.5 42.7

Instrument :

BNA_F

ClientSampleId :

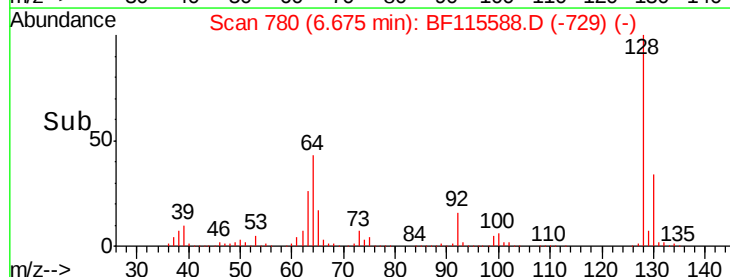
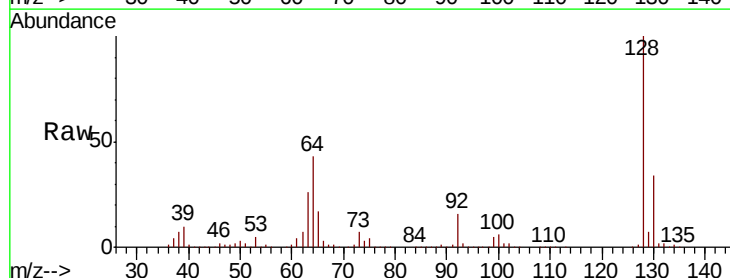
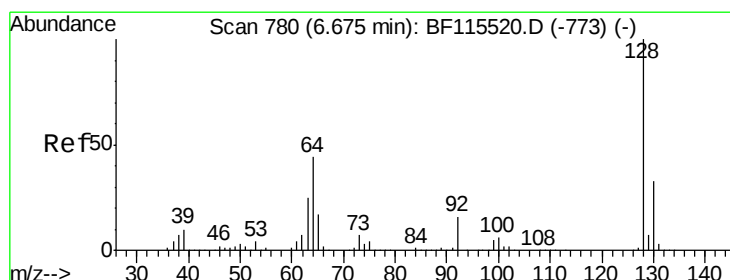
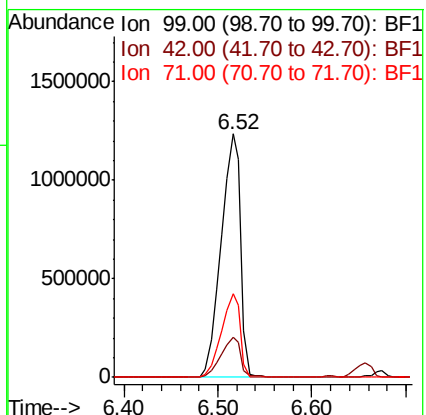
PB121214BSD

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#8

2-Chlorophenol

Concen: 37.699 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

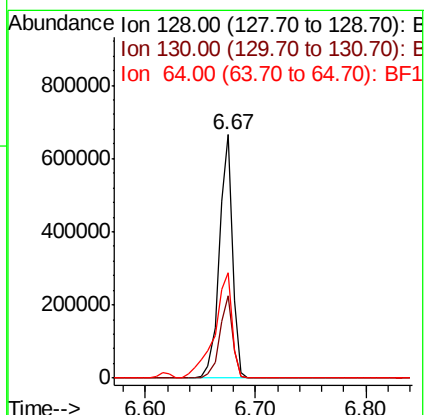
Tgt Ion:128 Resp: 550126

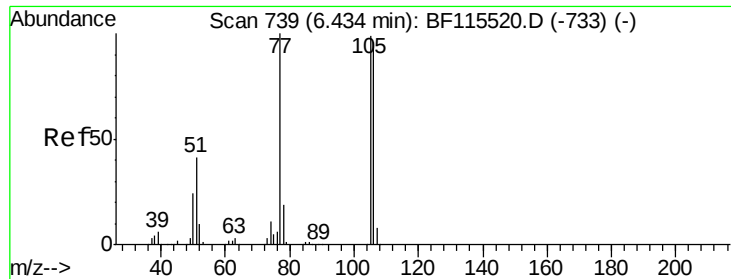
Ion Ratio Lower Upper

128 100

130 33.7 12.8 52.8

64 43.2 26.8 66.8





#9

Benzaldehyde

Concen: 7.870 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :

BNA_F

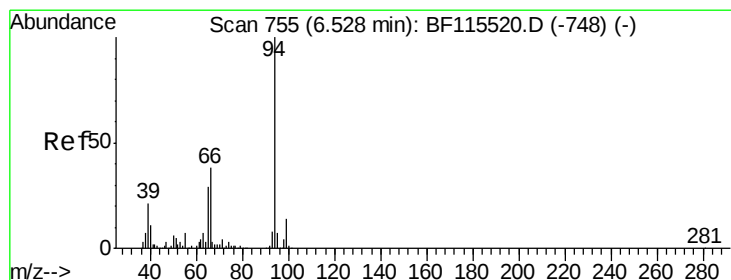
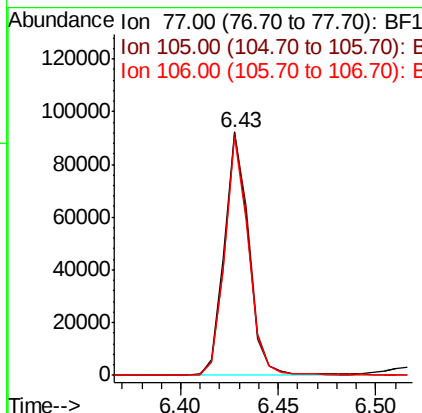
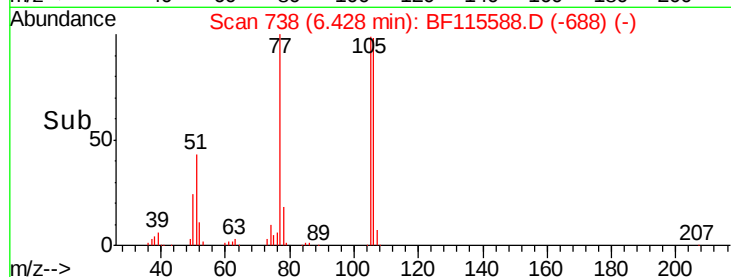
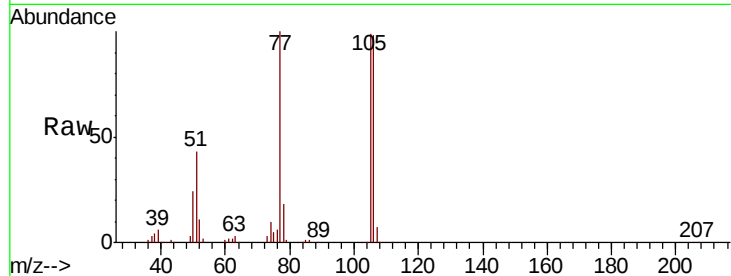
ClientSampleId :

PB121214BSD

Tot Ion:	77	Resp:	79208
Ion	Ratio	Lower	Upper
77	100		
105	99.3	78.8	118.8
106	97.9	75.6	115.6

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#10

Phenol

Concen: 37.238 ng

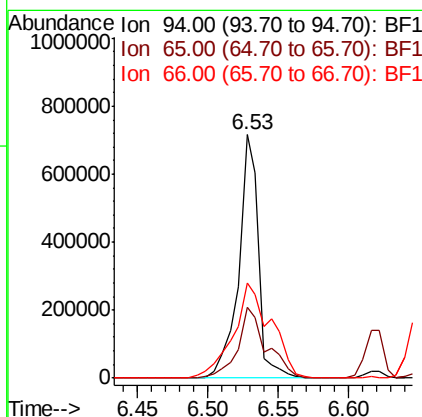
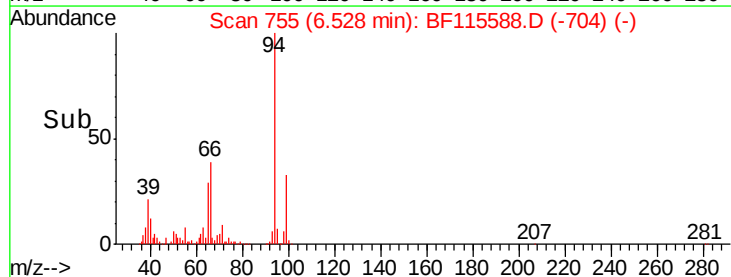
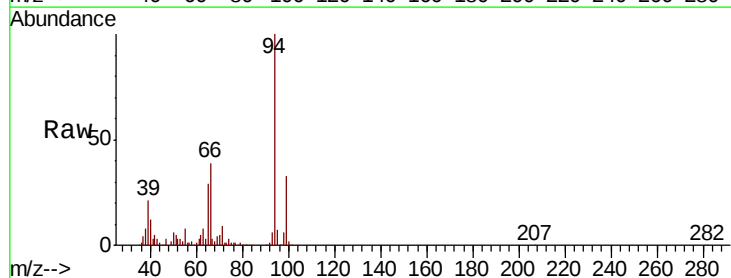
RT: 6.53 min Scan# 755

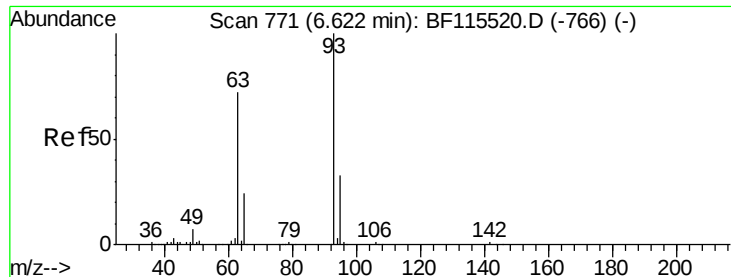
Delta R.T. -0.00 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Tgt Ion:	94	Resp:	696184
Ion	Ratio	Lower	Upper
94	100		
65	29.2	14.5	54.5
66	39.1	31.3	71.3





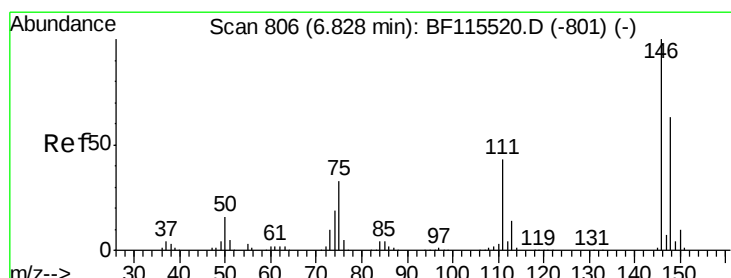
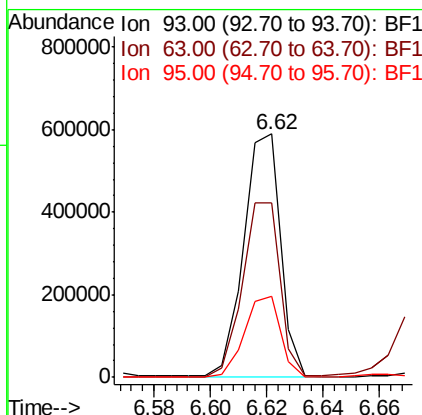
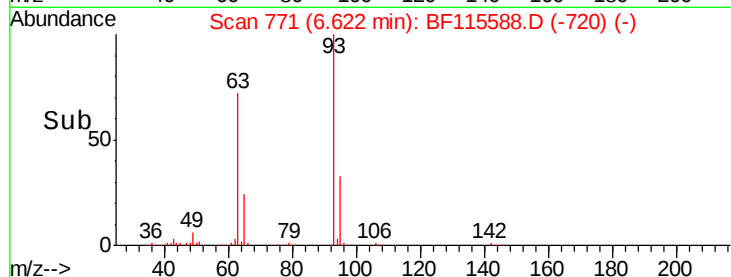
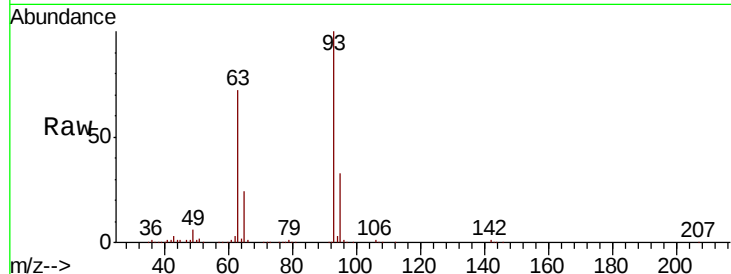
#11
bis(2-Chloroethyl)ether
Concen: 37.288 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB121214BSD

Tot Ion:	93	Resp:	530753
Ion Ratio	Lower	Upper	
93	100		
63	71.6	52.2	92.2
95	33.2	12.9	52.9

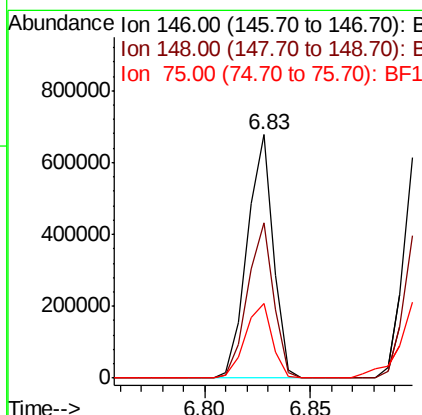
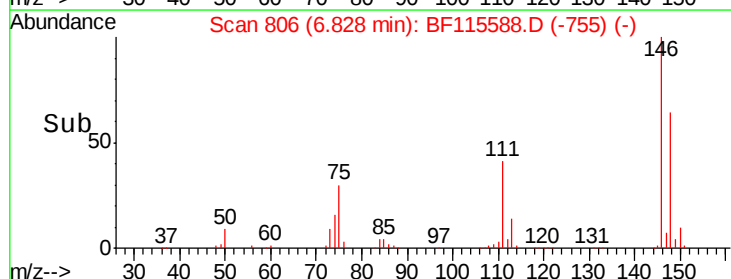
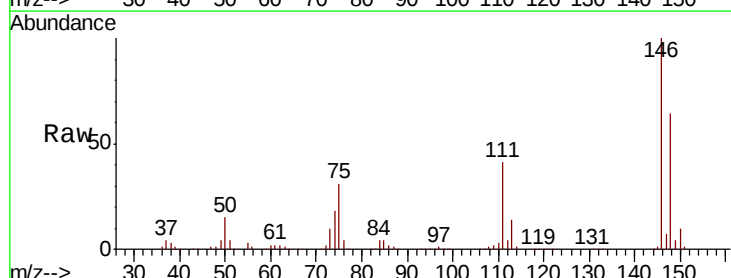
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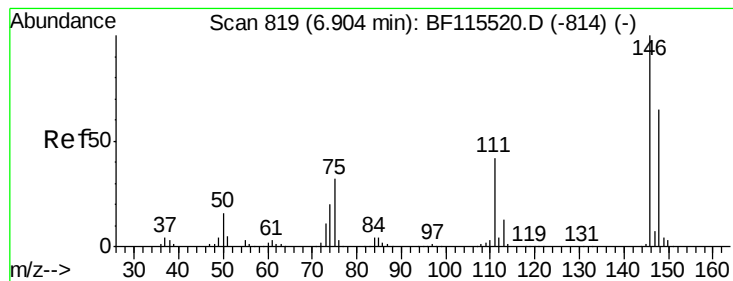
mohammad
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#12
1,3-Dichlorobenzene
Concen: 35.377 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion:	146	Resp:	580410
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.1	78.1
75	30.8	24.9	37.3





#13

1,4-Dichlorobenzene

Concen: 35.606 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :

BNA_F

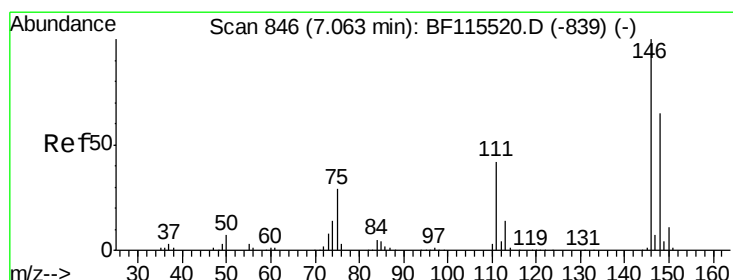
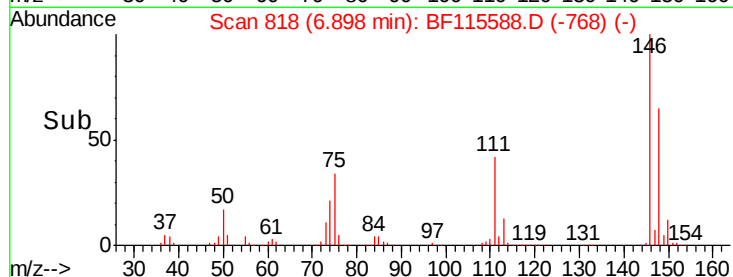
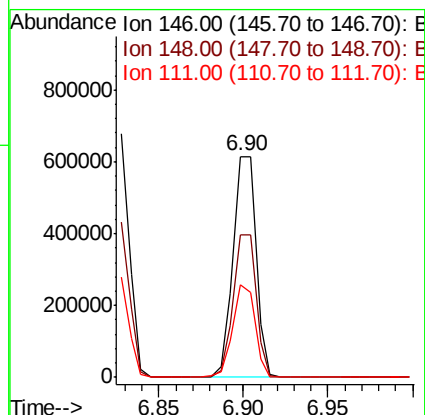
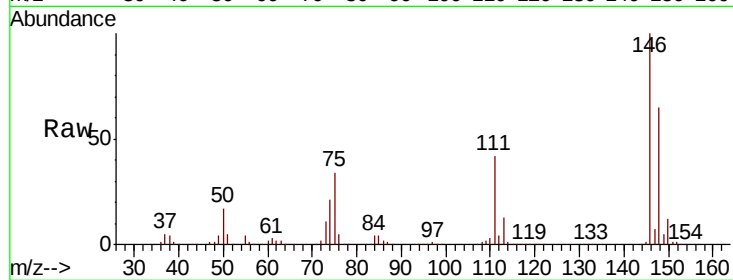
ClientSampleId :

PB121214BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.6
111	42.0	35.5	53.3

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#14

1,2-Dichlorobenzene

Concen: 36.143 ng

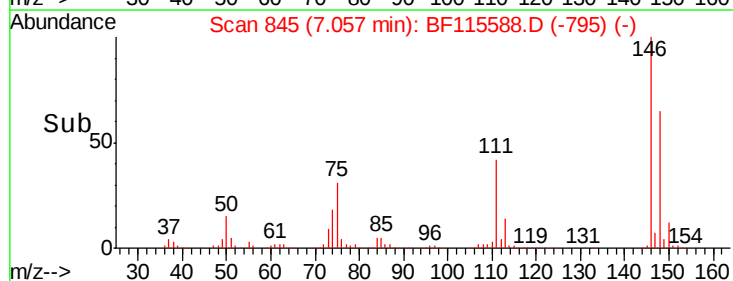
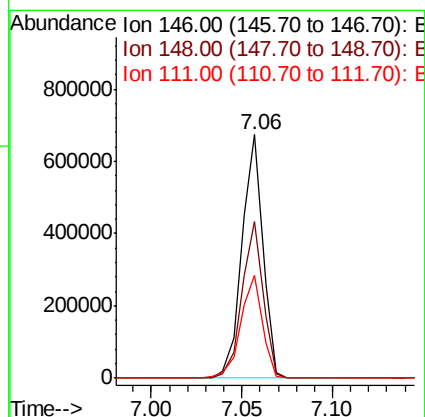
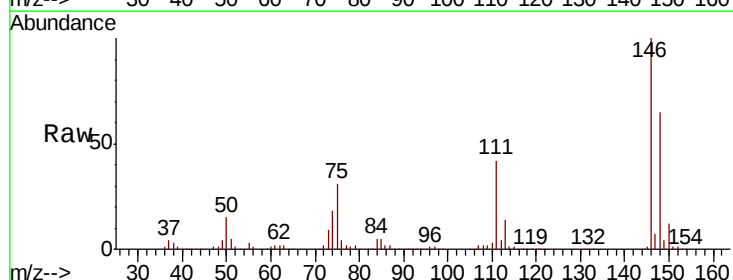
RT: 7.06 min Scan# 845

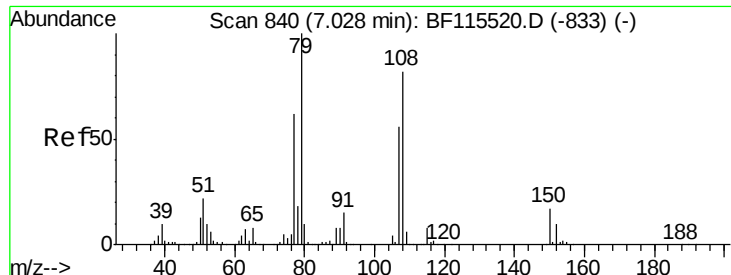
Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
111	42.3	37.6	56.4





#15

Benzyl Alcohol

Concen: 37.552 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :

BNA_F

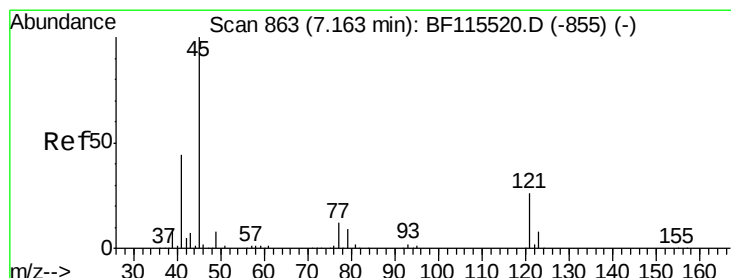
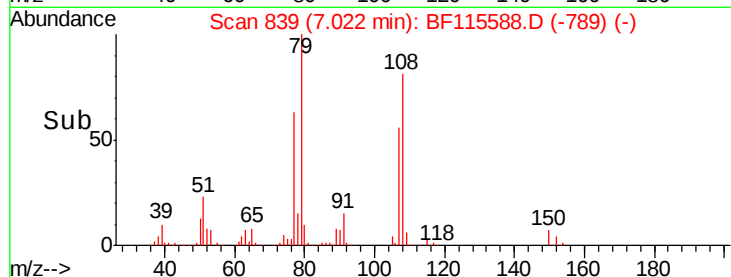
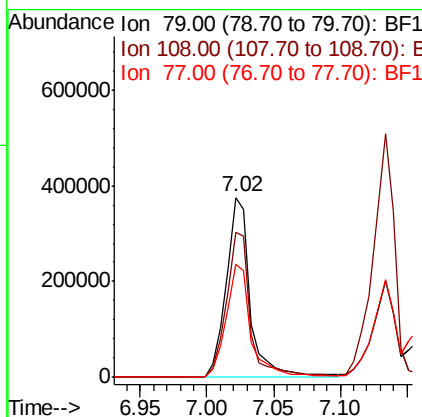
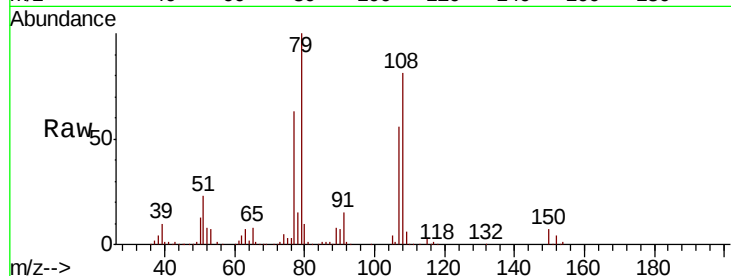
ClientSampleId :

PB121214BSD

Tot Ion:	79	Resp:	479749
Ion	Ratio	Lower	Upper
79	100		
108	80.6	64.2	96.4
77	62.8	51.8	77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.248 ng

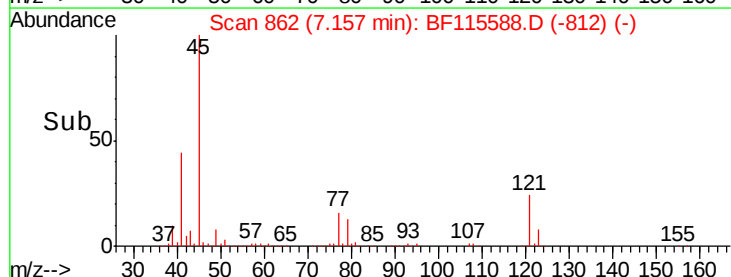
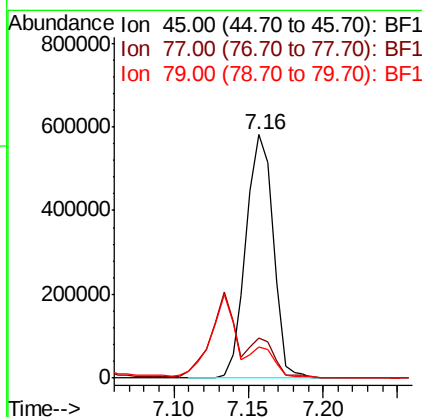
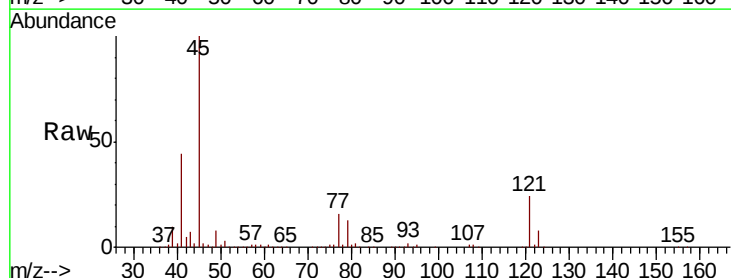
RT: 7.16 min Scan# 862

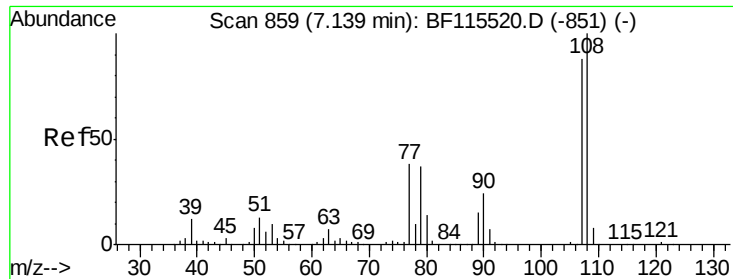
Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Tgt Ion:	45	Resp:	735488
Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	38.1
79	12.6	0.0	34.1





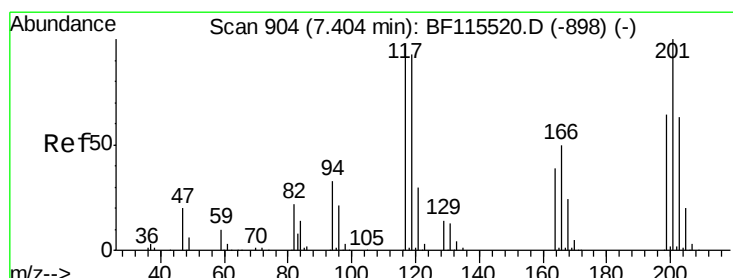
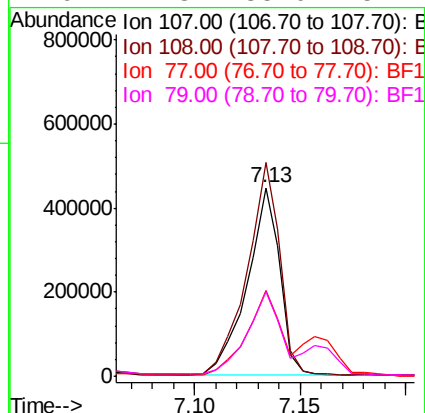
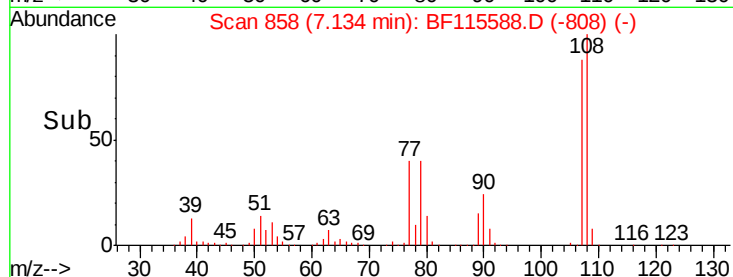
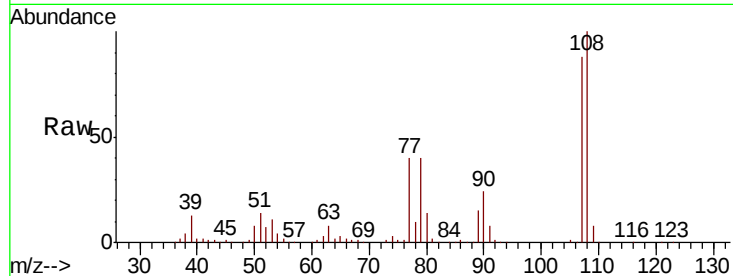
#17
2-Methylphenol
Concen: 38.055 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	89.4	134.2	
77	45.6	35.7	53.5	
79	44.8	35.0	52.4	

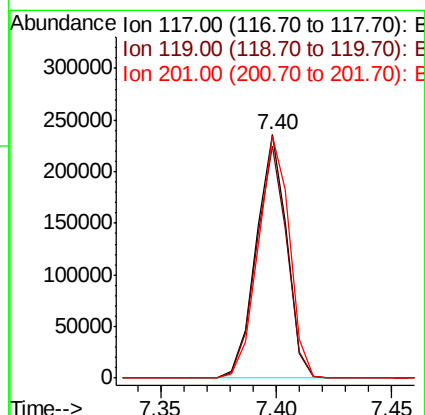
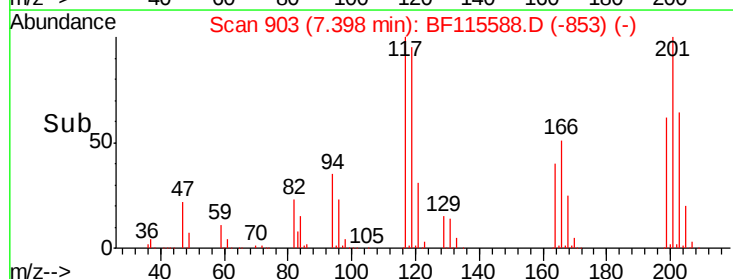
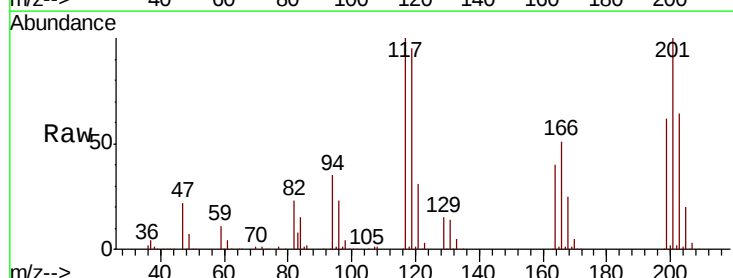
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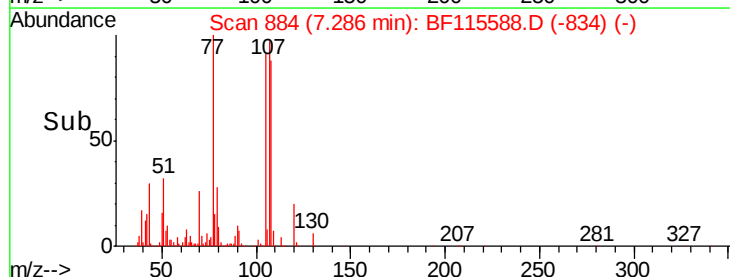
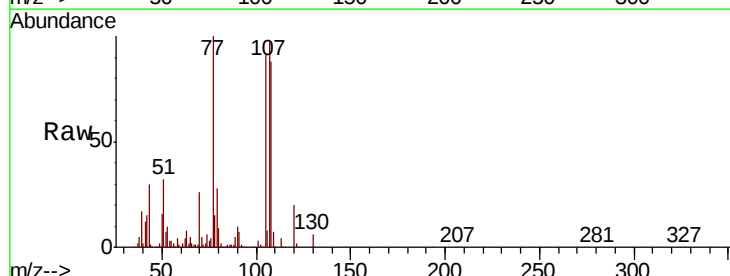
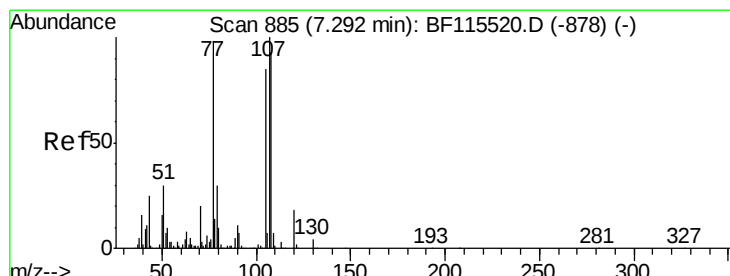
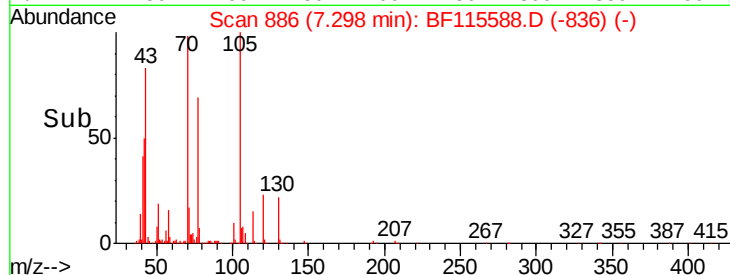
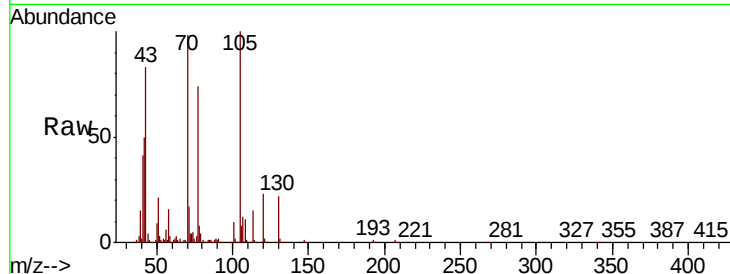
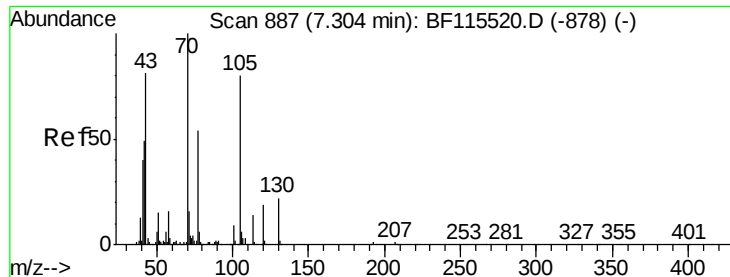
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#18
Hexachloroethane
Concen: 35.627 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

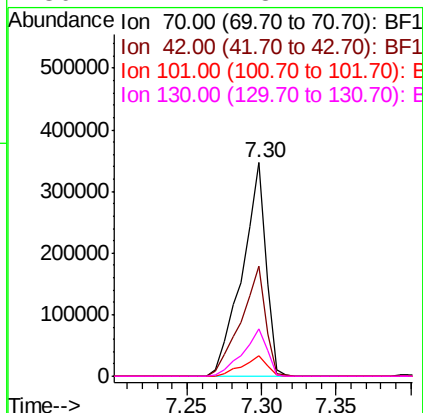
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	77.7	116.5	
201	99.5	86.0	129.0	





#19
n-Nitroso-di-n-propylamine
Concen: 36.660 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		385056		
42	51.5	39.6	59.4		
101	9.8	8.1	12.1		
130	22.1	18.2	27.2		



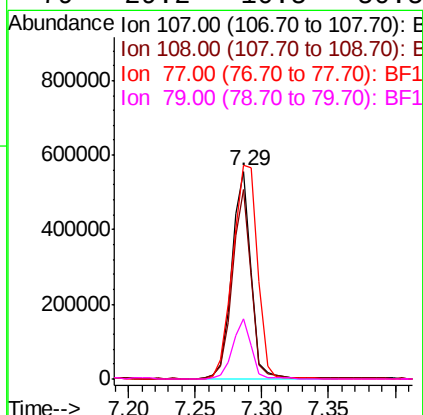
Instrument :
BNA_F
ClientSampleId :
PB121214BSD

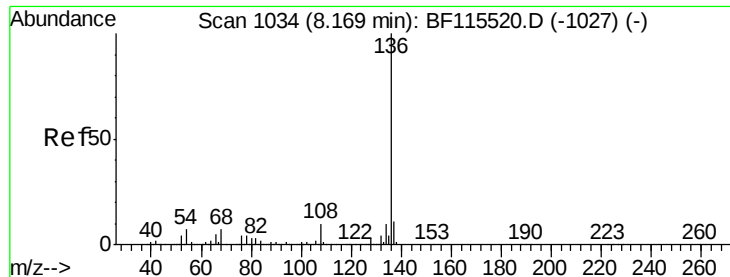
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#20
3+4-Methylphenols
Concen: 37.674 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		562758		
108	90.8	72.9	112.9		
77	102.7	77.6	117.6		
79	29.2	10.5	50.5		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :

BNA_F

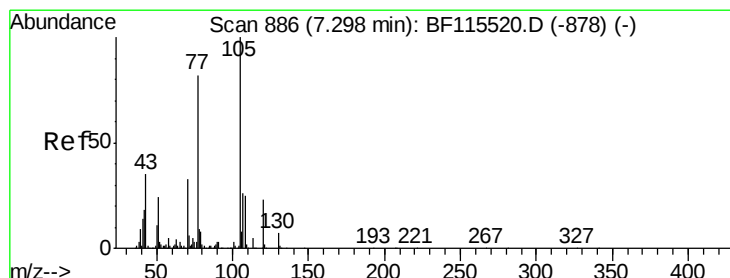
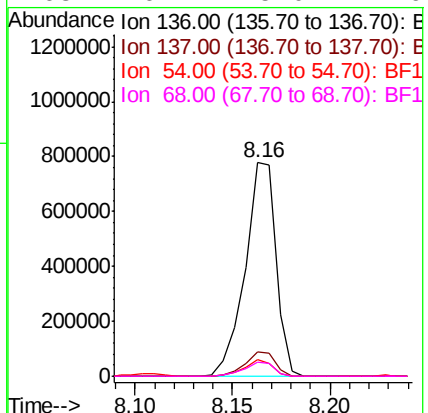
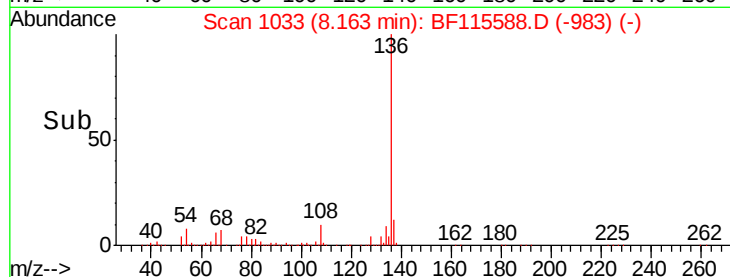
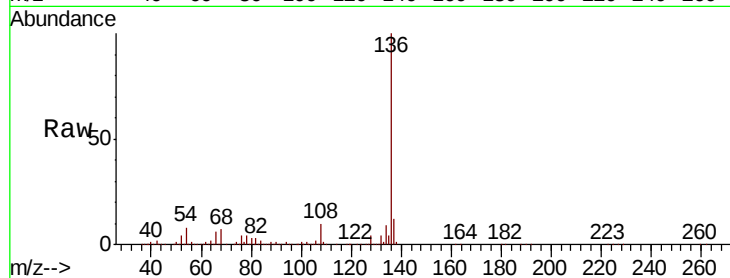
ClientSampleId :

PB121214BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	859959		
137	11.5	9.0	13.4	
54	7.6	5.6	8.4	
68	6.7	5.0	7.6	

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#22

Acetophenone

Concen: 38.839 ng

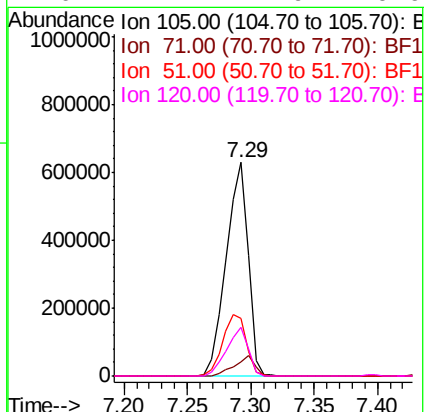
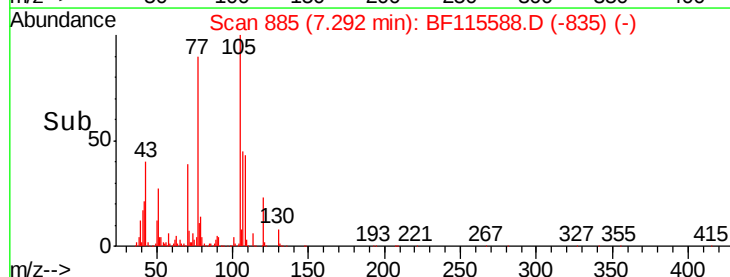
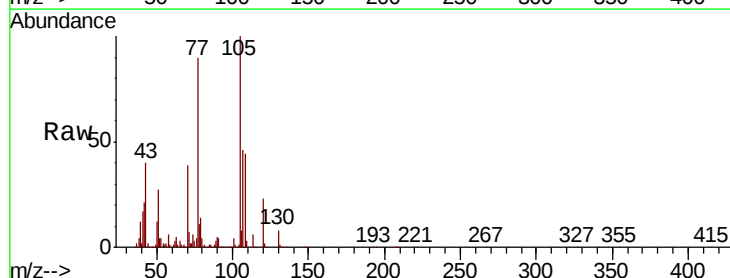
RT: 7.29 min Scan# 885

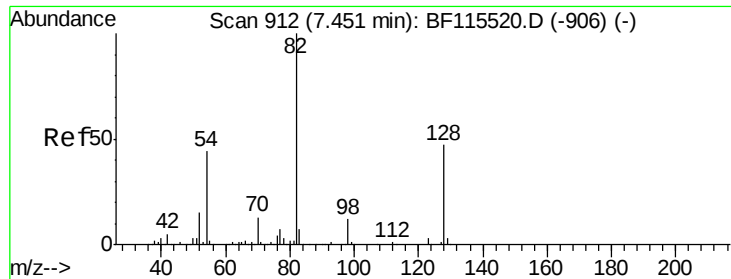
Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	754547		
71	6.6	3.5	5.3#	
51	26.9	25.6	38.4	
120	22.7	17.9	26.9	





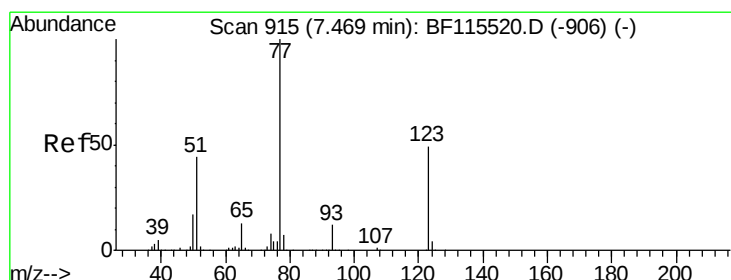
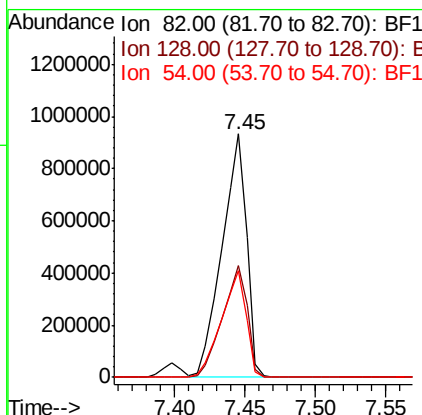
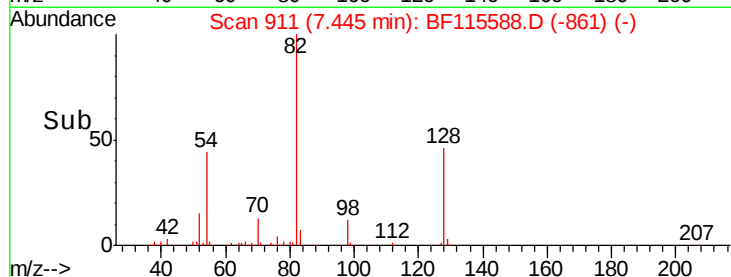
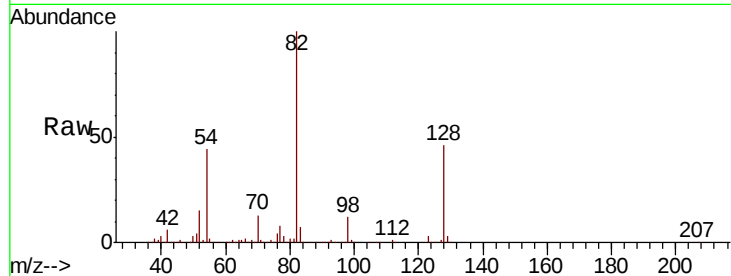
#23
 Nitrobenzene-d5
 Concen: 76.005 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Instrument :
 BNA_F
 ClientSampleId :
 PB121214BSD

Tot Ion: 82 Resp: 1124069
 Ion Ratio Lower Upper
 82 100
 128 45.9 38.6 57.8
 54 43.7 35.6 53.4

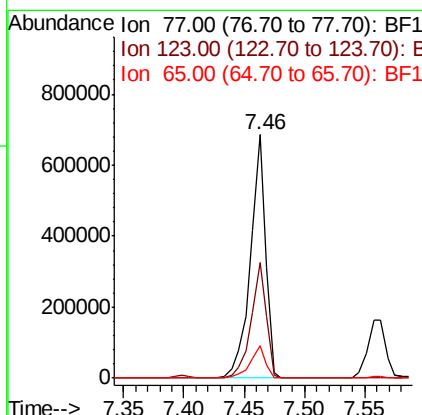
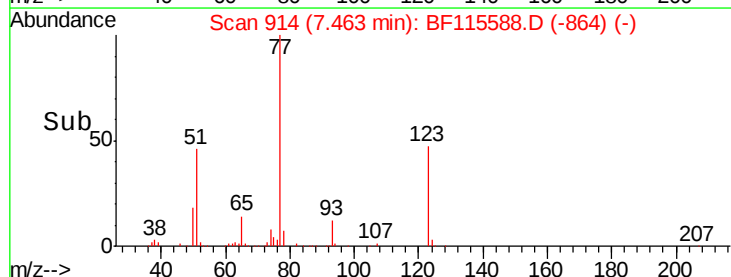
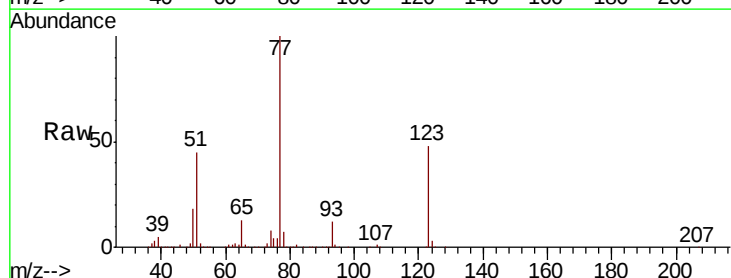
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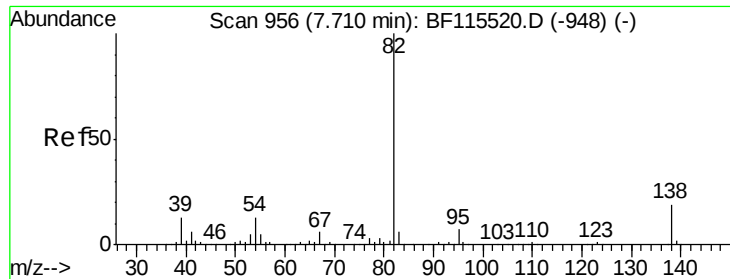
mohammad
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#24
 Nitrobenzene
 Concen: 37.993 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Tgt Ion: 77 Resp: 606048
 Ion Ratio Lower Upper
 77 100
 123 47.5 40.0 60.0
 65 13.4 11.0 16.4





#25

Isophorone

Concen: 38.750 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :

BNA_F

ClientSampleId :

PB121214BSD

Tot Ion: 82 Resp: 1146776

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

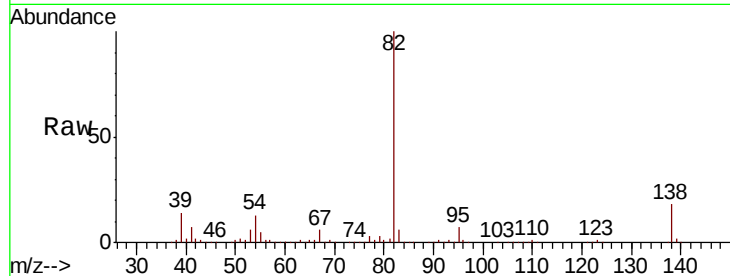
138 18.1 14.9 22.3

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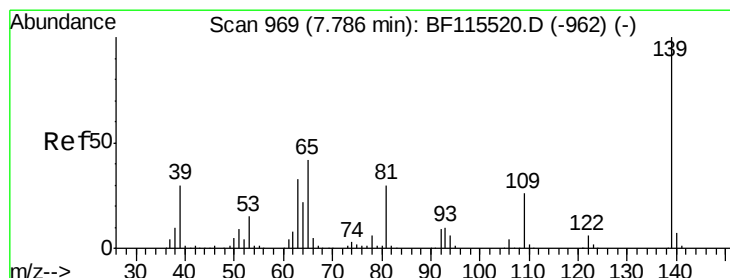
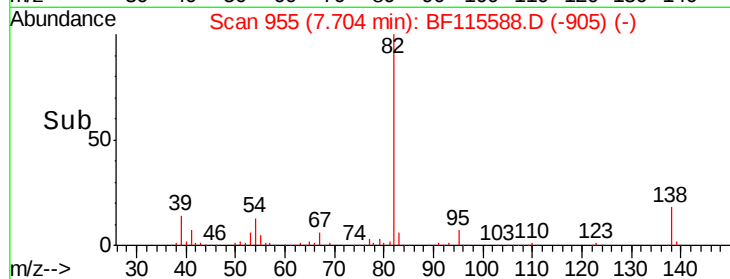
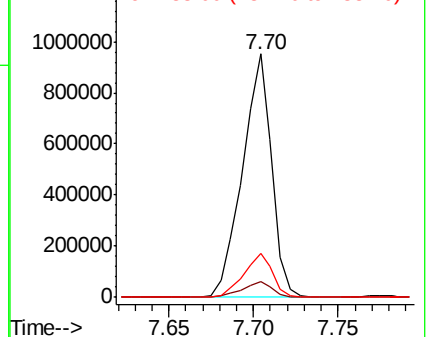
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.657 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

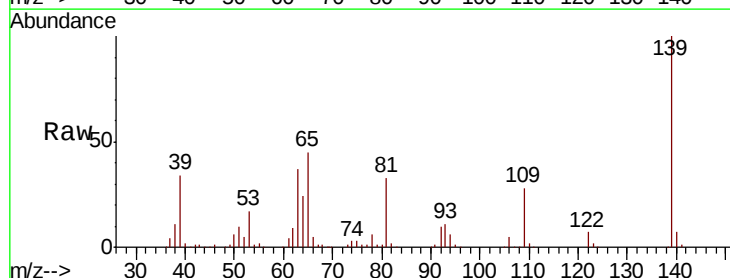
Tgt Ion: 139 Resp: 317395

Ion Ratio Lower Upper

139 100

109 27.6 23.3 34.9

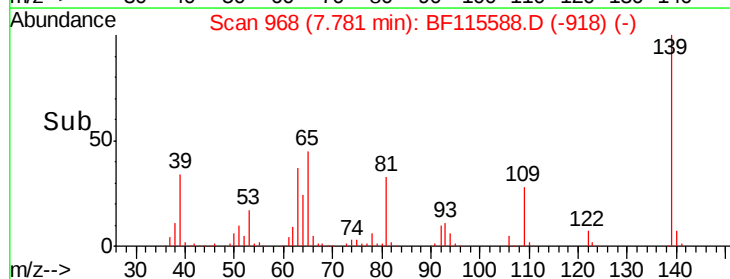
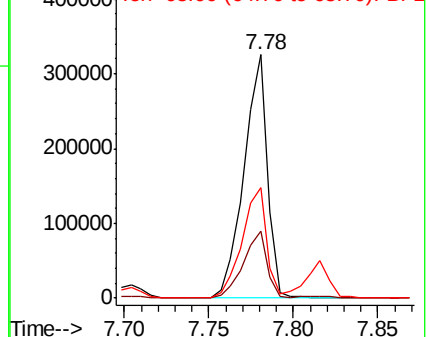
65 45.5 37.9 56.9

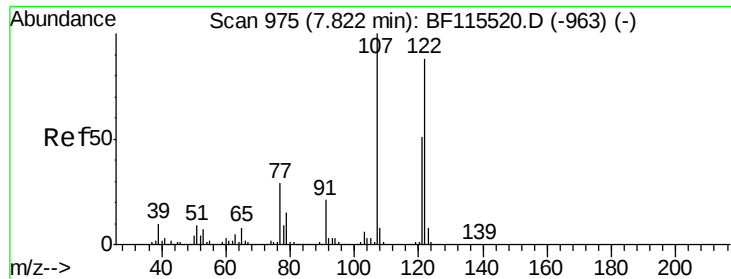


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.328 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :

BNA_F

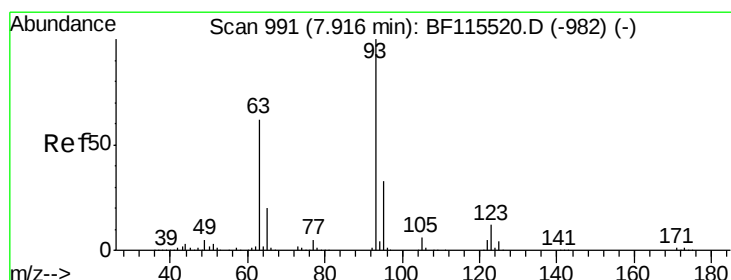
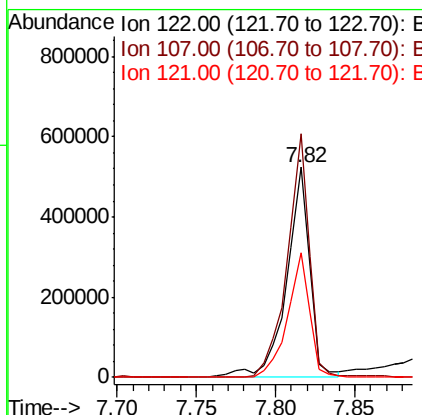
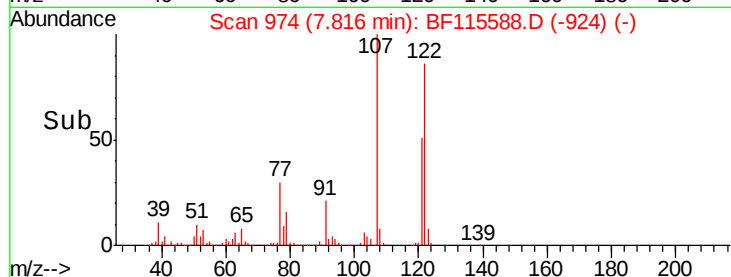
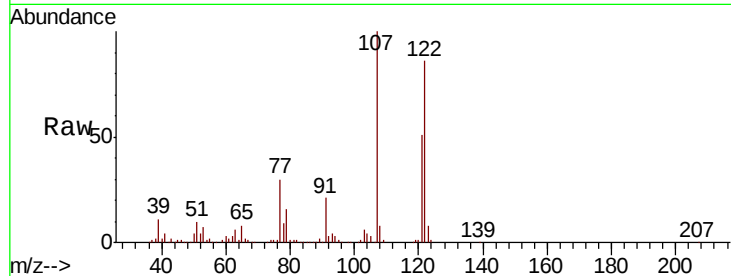
ClientSampleId :

PB121214BSD

Tot Ion:	122	Resp:	532289
Ion Ratio	Lower	Upper	
122	100		
107	115.8	92.9	139.3
121	59.0	46.9	70.3

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#28

bis(2-Chloroethoxy)methane

Concen: 38.577 ng

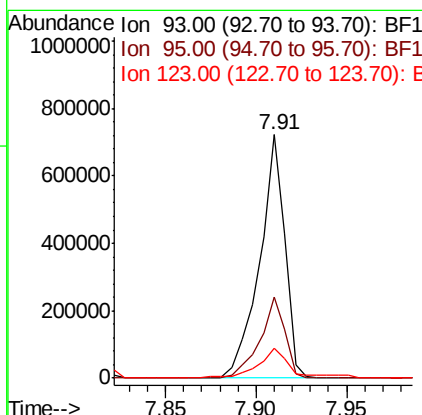
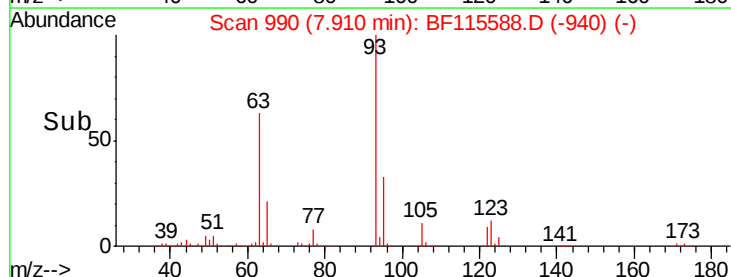
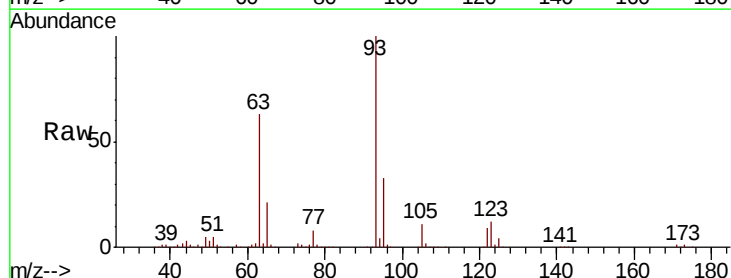
RT: 7.91 min Scan# 990

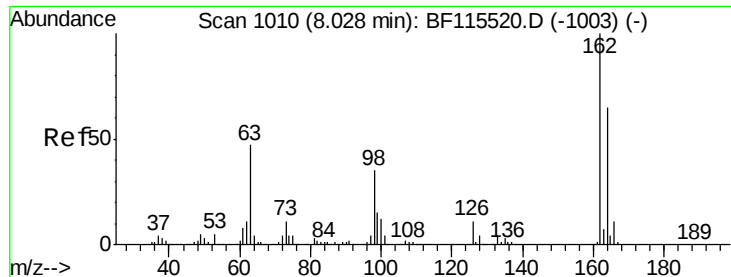
Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Tgt Ion:	93	Resp:	700384
Ion Ratio	Lower	Upper	
93	100		
95	33.3	27.0	40.4
123	12.4	9.9	14.9





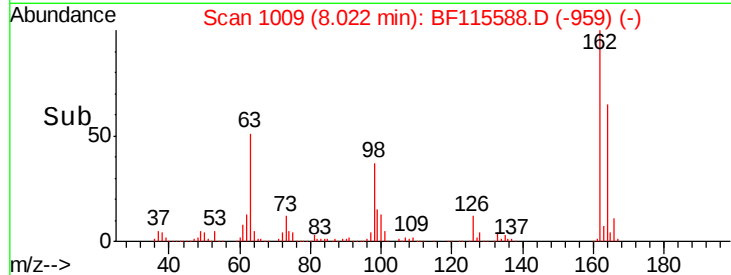
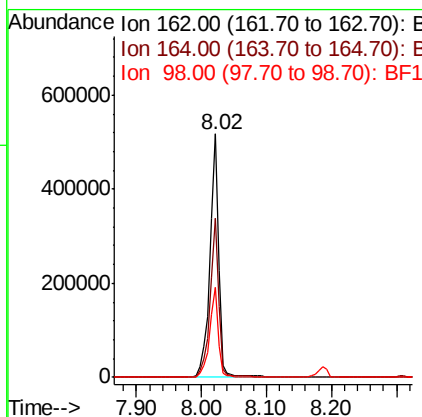
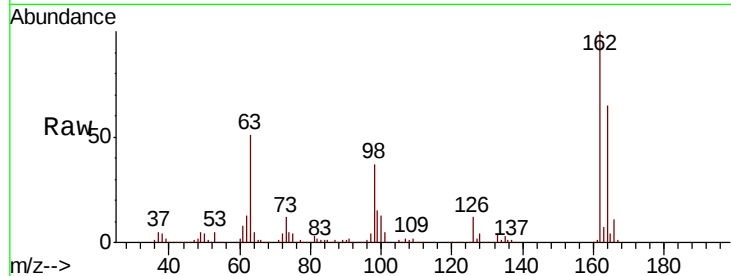
#29
 2,4-Dichlorophenol
 Concen: 38.285 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Instrument :
 BNA_F
 ClientSampleId :
 PB121214BSD

Tot Ion:	162	Resp:	489151
Ion Ratio	Lower	Upper	
162	100		
164	65.5	44.9	84.9
98	36.8	17.7	57.7

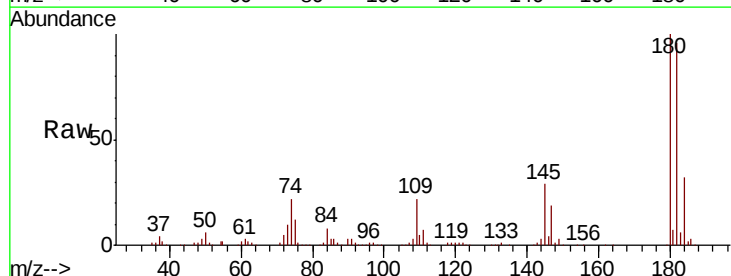
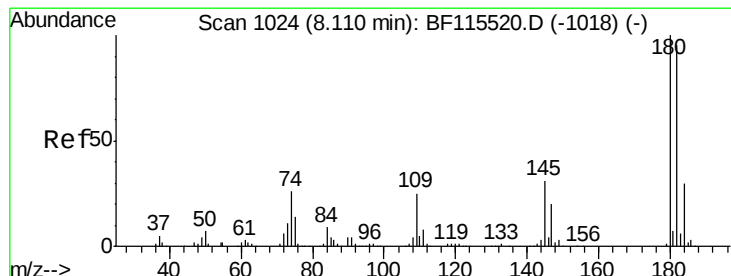
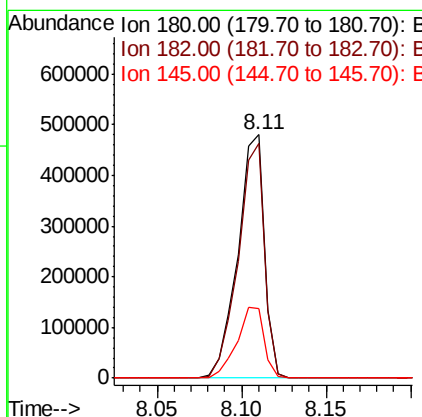
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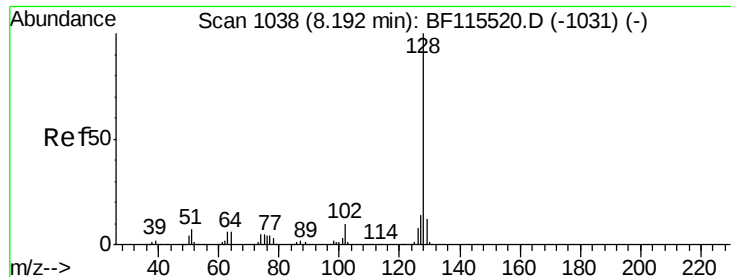
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.653 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Tgt Ion:	180	Resp:	529350
Ion Ratio	Lower	Upper	
180	100		
182	96.2	75.0	112.6
145	28.6	25.1	37.7





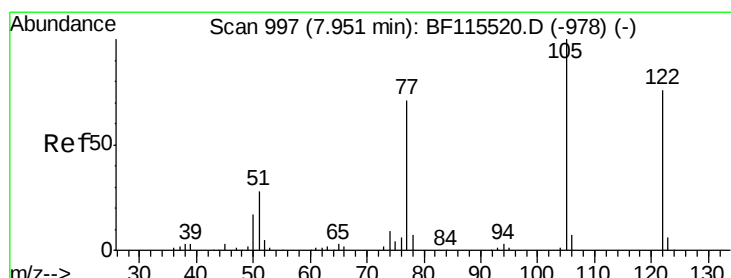
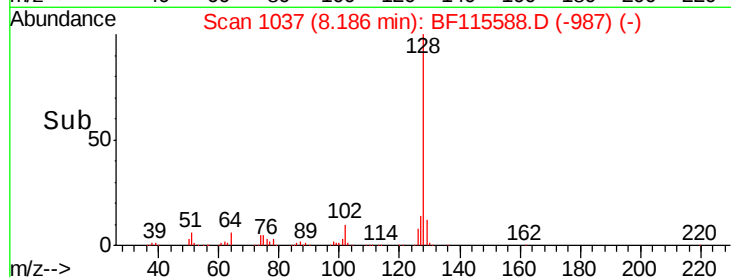
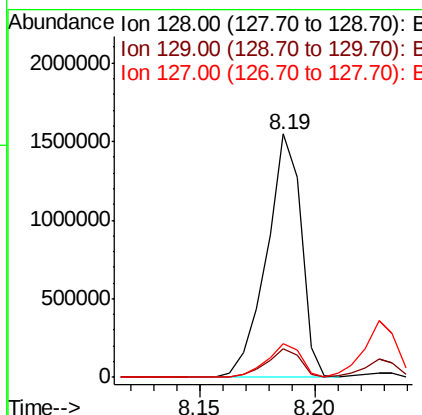
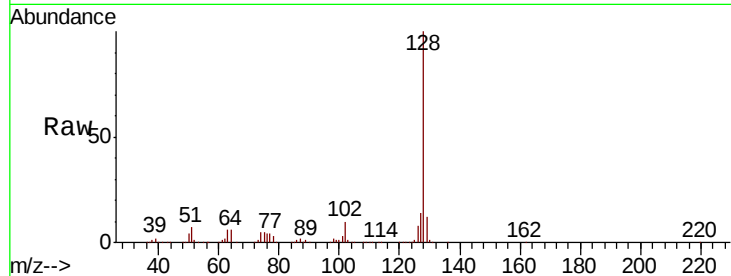
#31
Naphthalene
Concen: 38.658 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.9	14.9
127	14.0	12.1	18.1

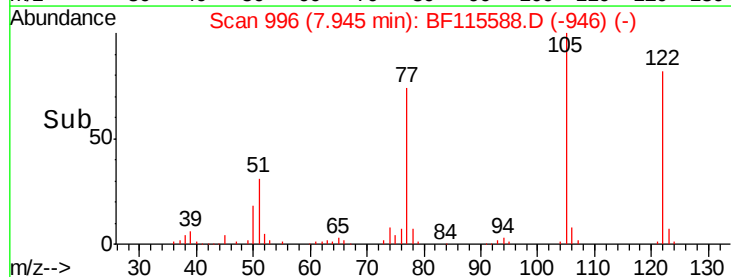
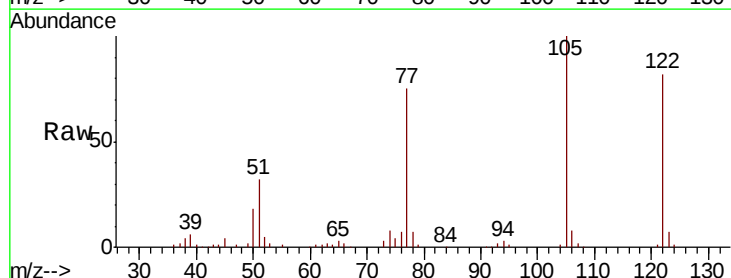
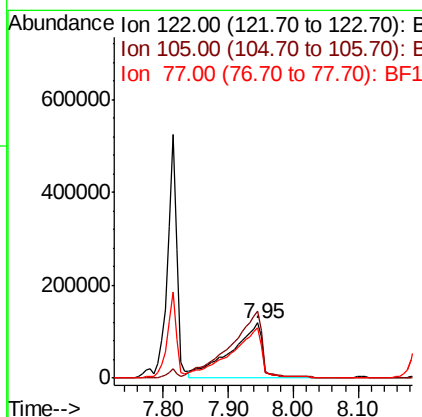
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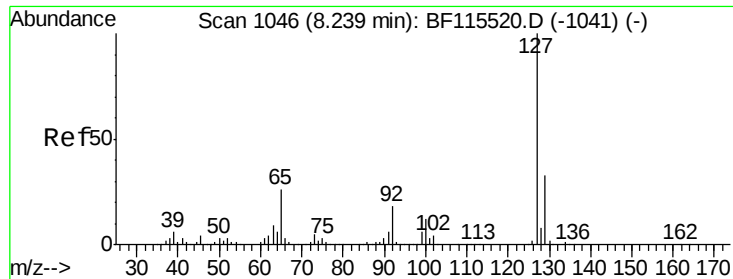
mohammad
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#32
Benzoic acid
Concen: 39.673 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.5	102.5	142.5
77	90.8	70.2	110.2





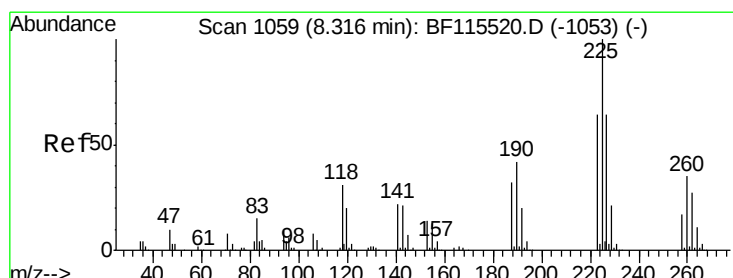
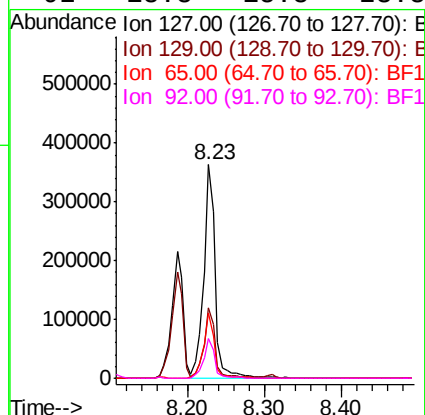
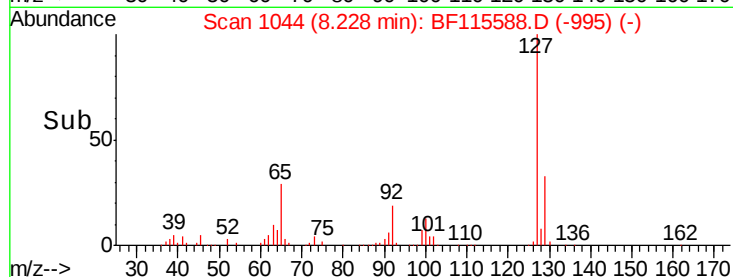
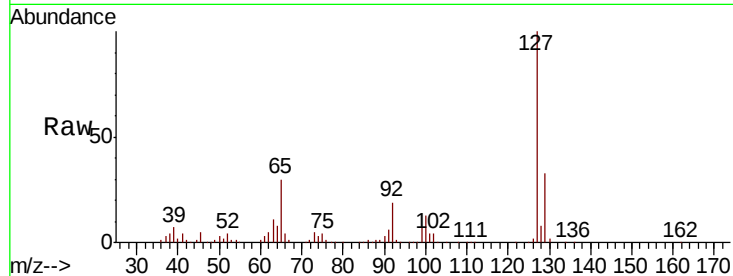
#33
4-Chloroaniline
Concen: 20.607 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB121214BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.6	39.8		
65	30.3	23.7	35.5		
92	18.8	15.8	23.8		

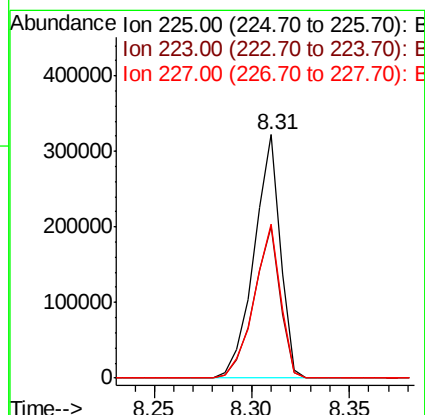
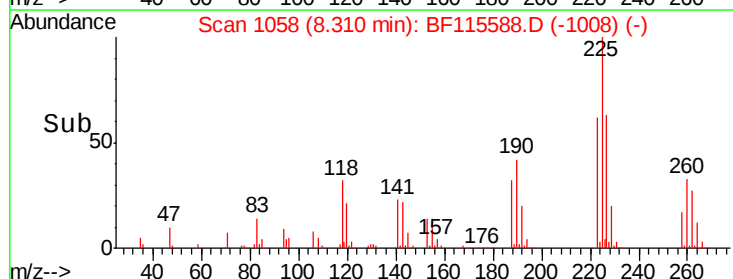
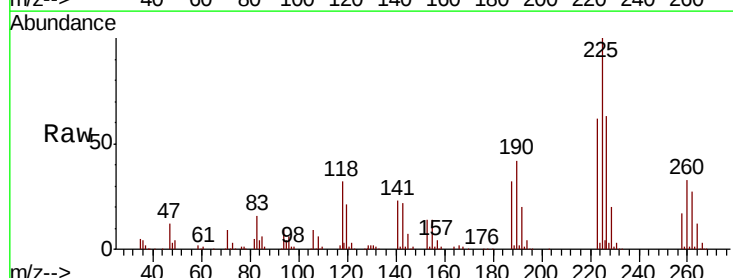
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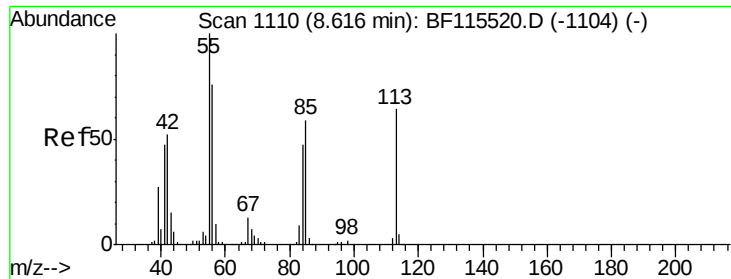
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#34
Hexachlorobutadiene
Concen: 35.984 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	50.9	76.3		
227	63.2	50.7	76.1		





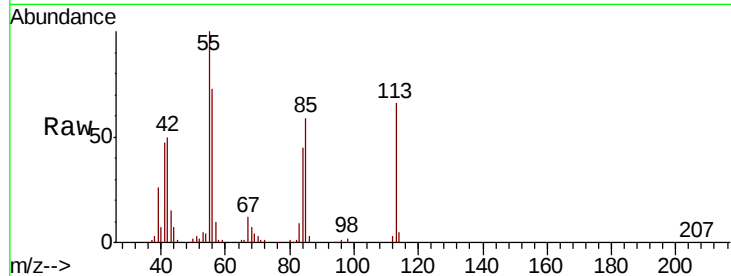
#35
Caprolactam
Concen: 34.759 ng/ml
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleID :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	151.0	126.9	166.9
56	110.0	90.3	130.3

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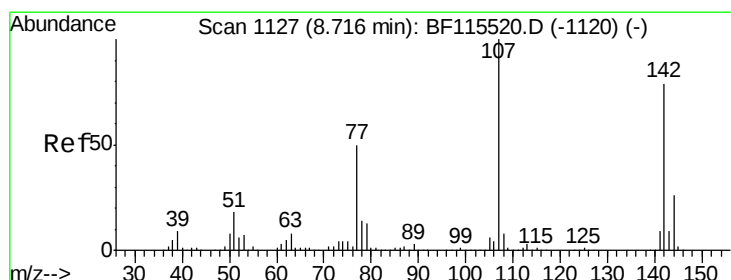
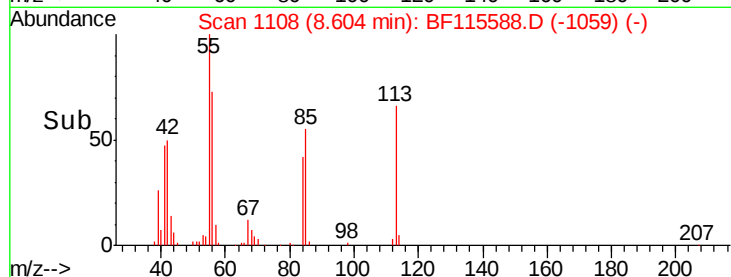
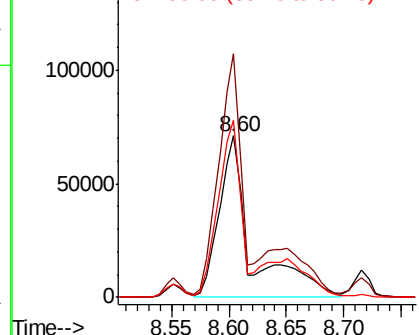


Abundance

Ion 113.00 (112.70 to 113.70): E

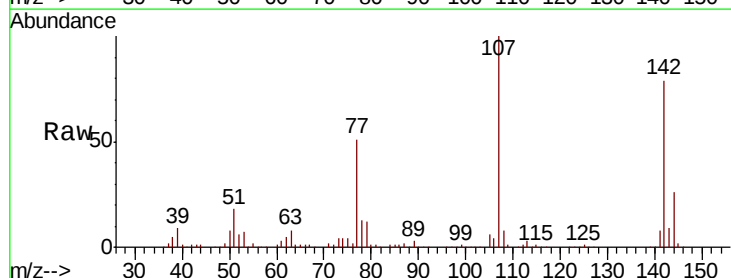
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 33.623 ng/ml
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.6	30.8
142	79.1	63.1	94.7

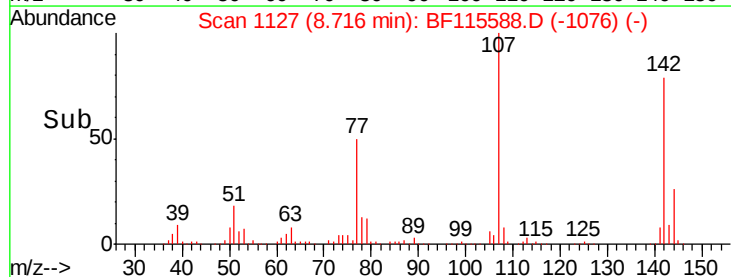
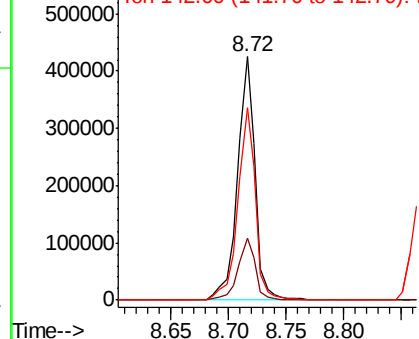


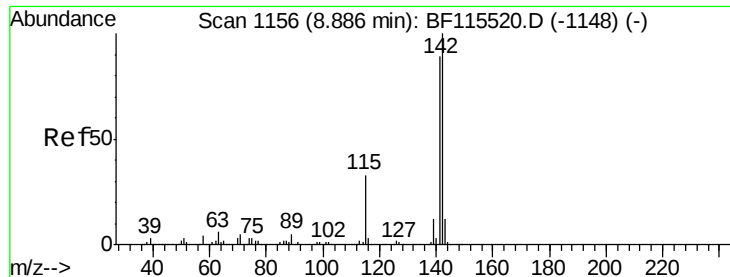
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





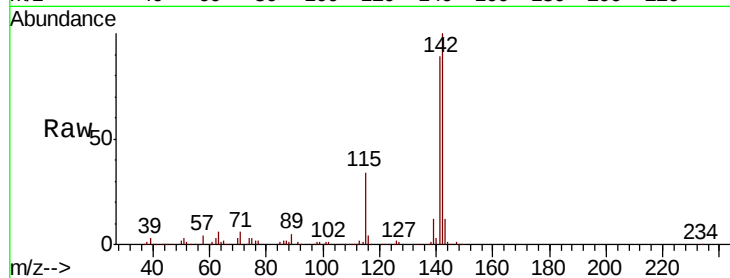
#37
2-Methylnaphthalene
Concen: 34.523 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.0	108.0
115	34.0	29.9	44.9

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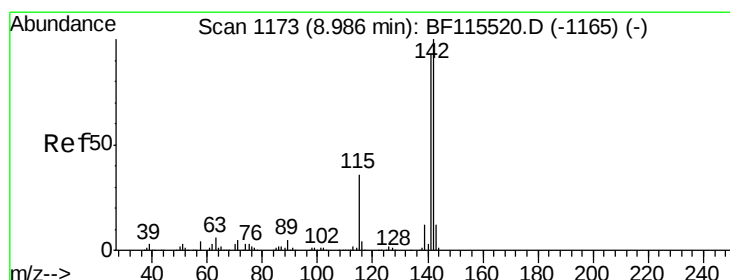
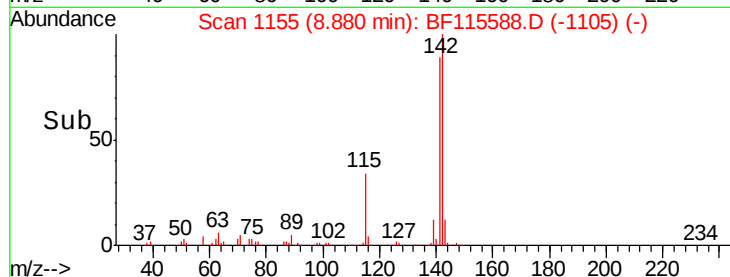
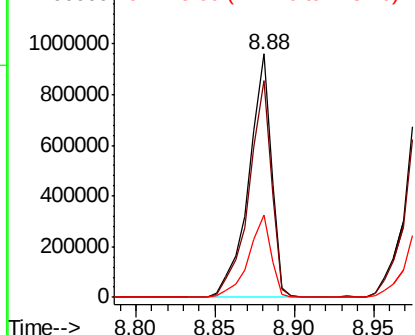


Abundance

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: 33.918 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

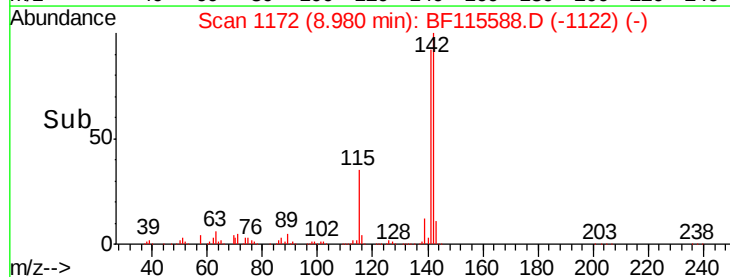
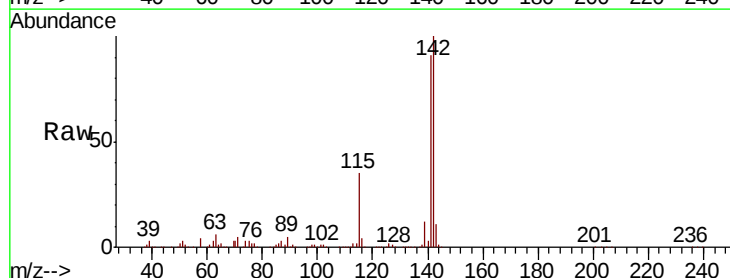
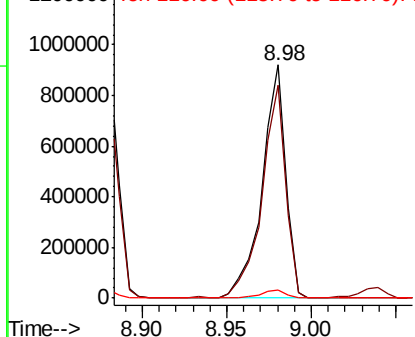
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	75.3	112.9
116	3.6	3.3	4.9

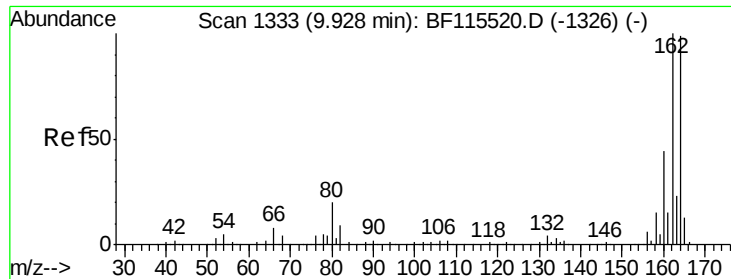
Abundance

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





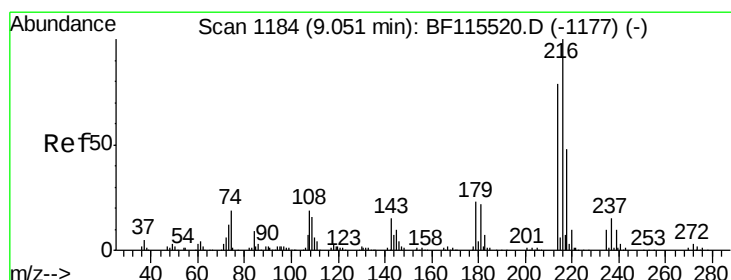
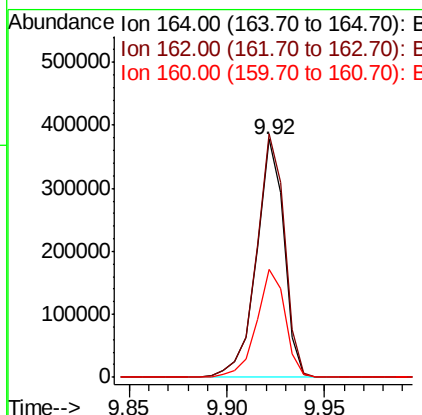
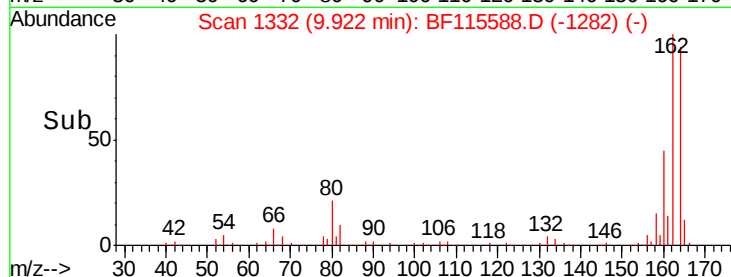
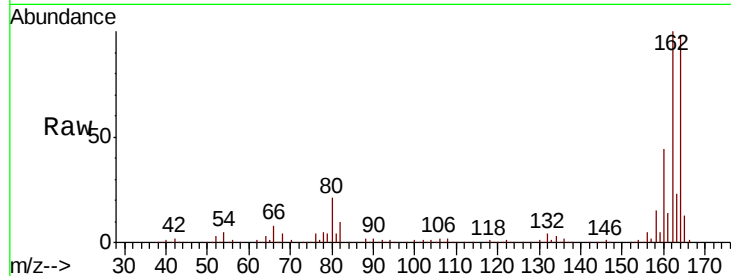
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.9	124.3
160	45.4	36.8	55.2

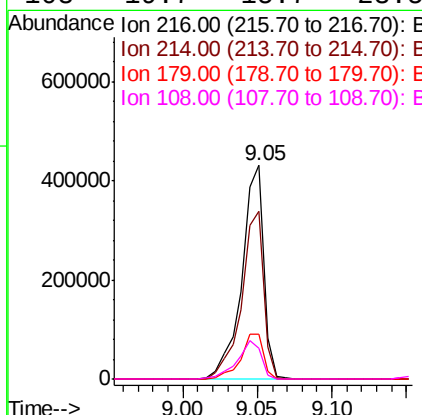
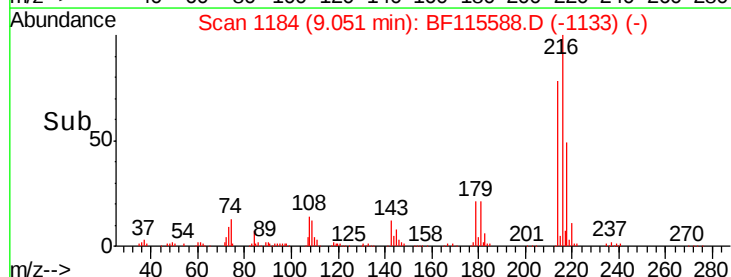
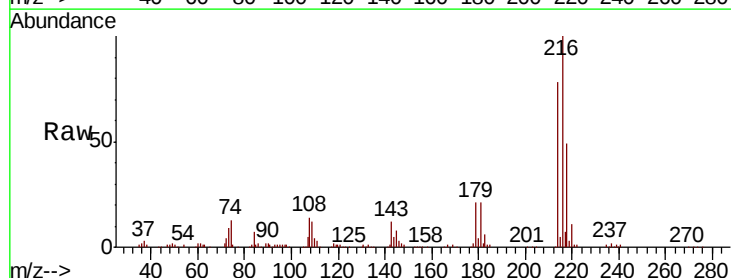
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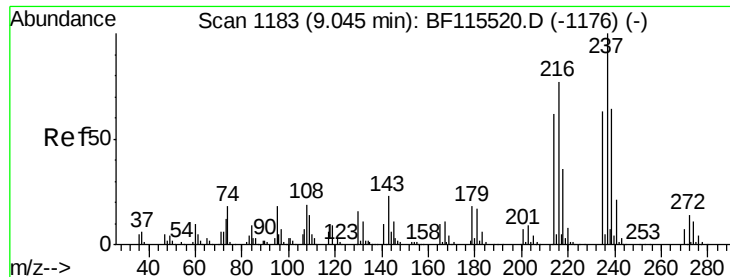
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.359 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	65.1	97.7
179	21.9	18.3	27.5
108	19.7	15.7	23.5





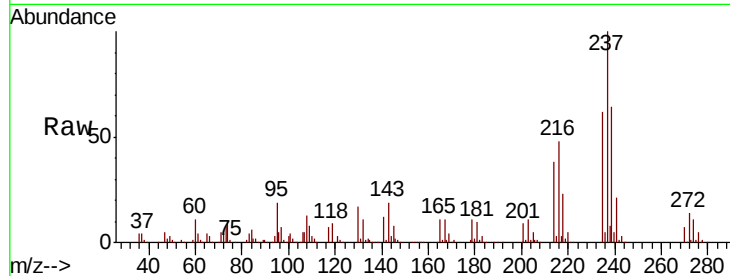
#41
Hexachlorocyclopentadiene
Concen: 57.013 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB121214BSD

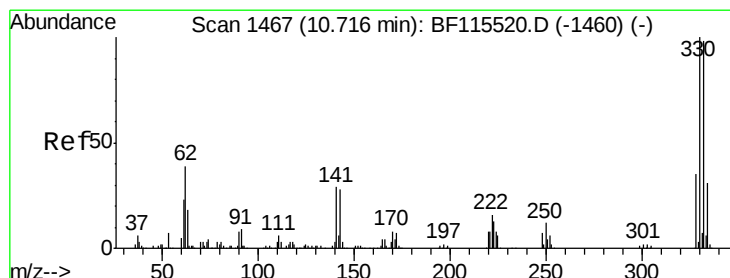
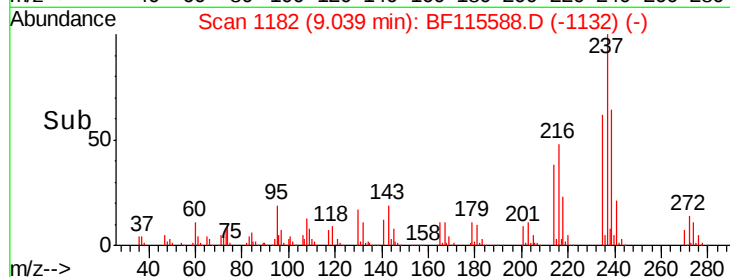
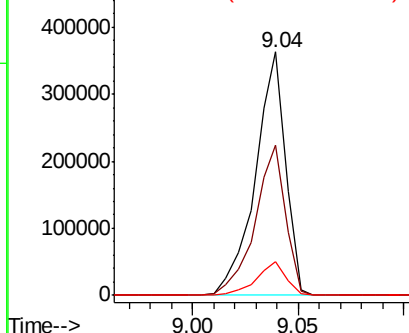
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.8	43.6	83.6
272	13.7	0.0	33.9

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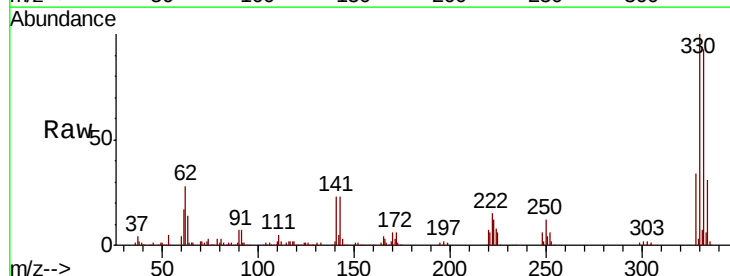


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

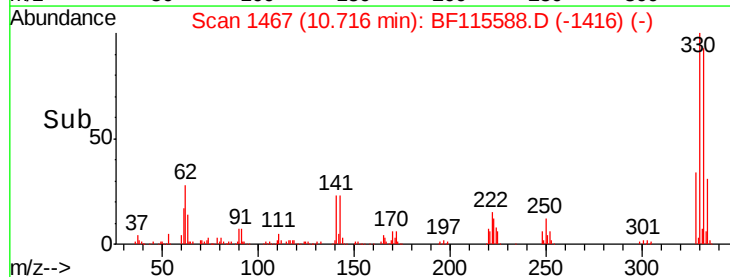
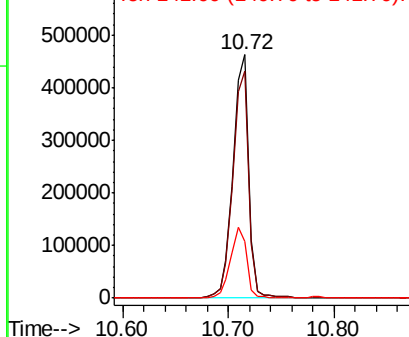


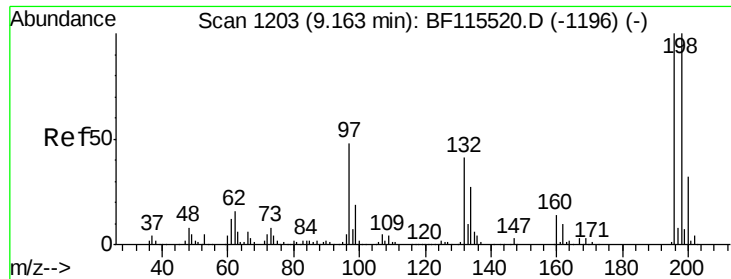
#42
2,4,6-Tribromophenol
Concen: 110.125 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.0	77.4	116.2
141	30.1	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





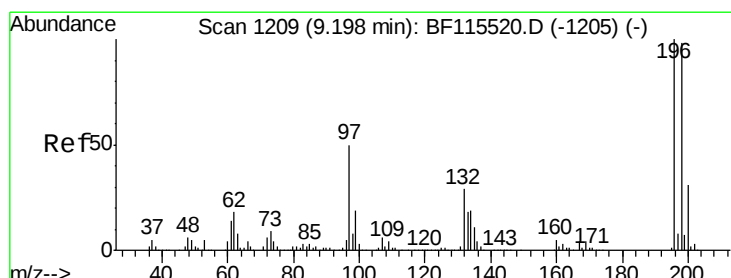
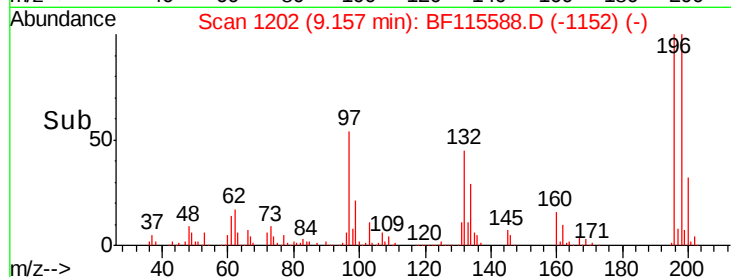
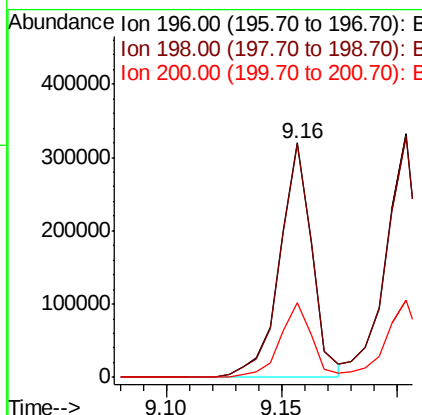
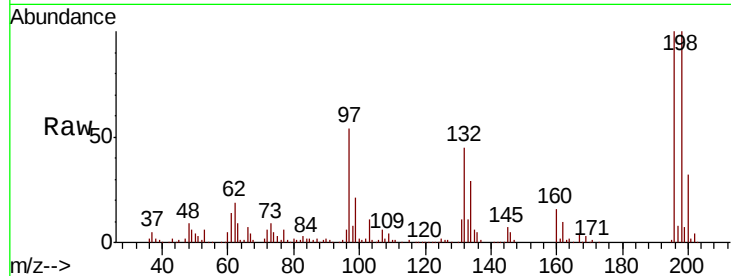
#43
 2,4,6-Trichlorophenol
 Concen: 37.821 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Instrument :
 BNA_F
 ClientSampleId :
 PB121214BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	307684		
198	99.8	80.6	121.0	
200	31.6	25.8	38.6	

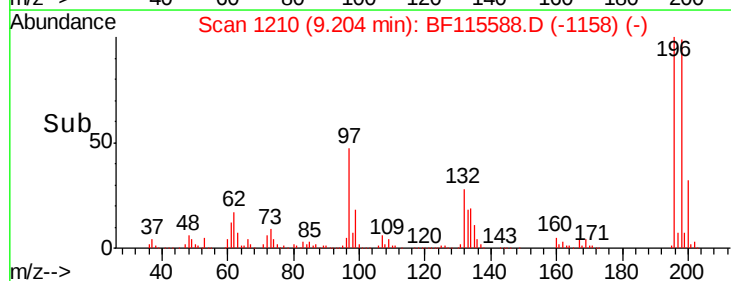
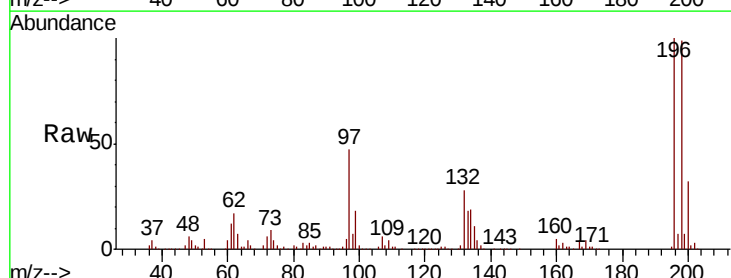
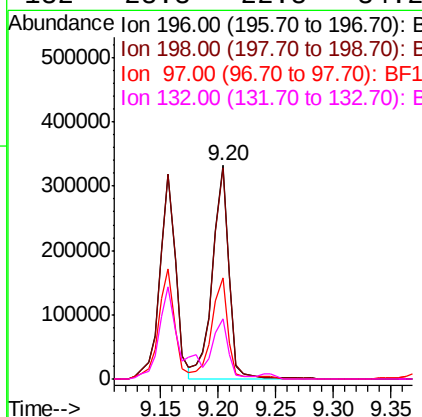
Manual Integrations
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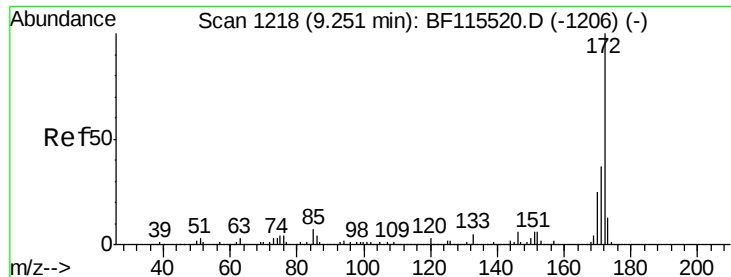
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.144 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	326121		
198	98.9	79.6	119.4	
97	47.2	37.8	56.6	
132	28.3	22.8	34.2	





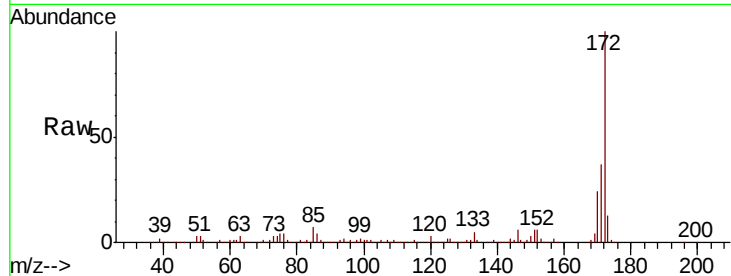
#45
2-Fluorobiphenyl
Concen: 83.413 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.6	46.0
170	24.4	20.5	30.7

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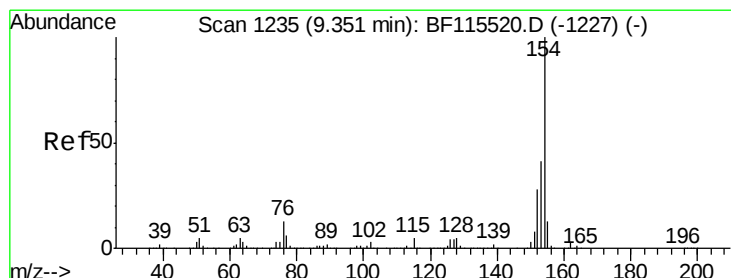
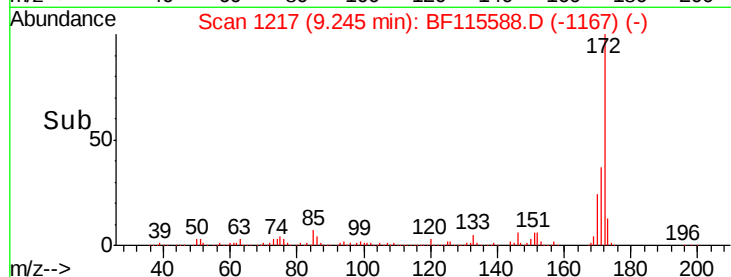
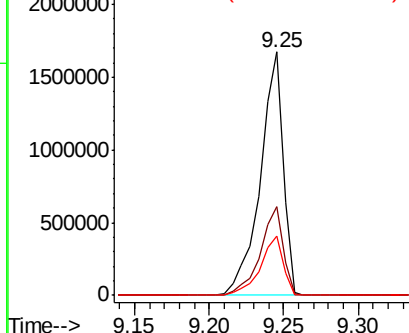


Abundance

Ion 172.00 (171.70 to 172.70): E

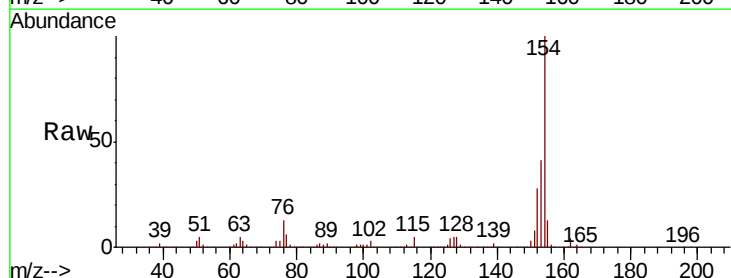
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.935 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.6	62.6
76	13.1	0.0	33.4

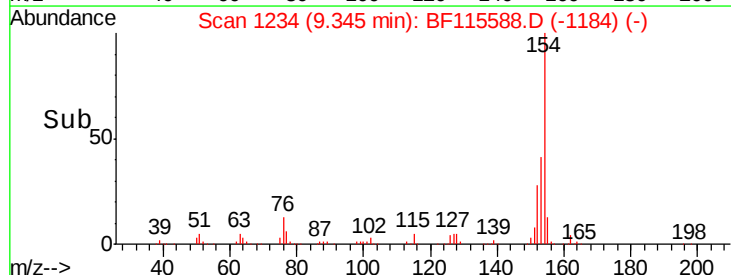
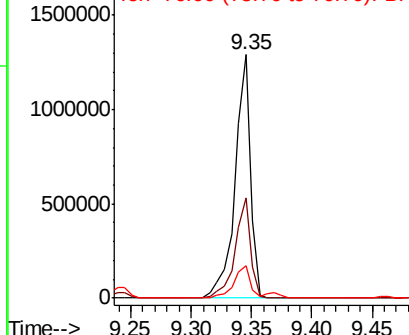


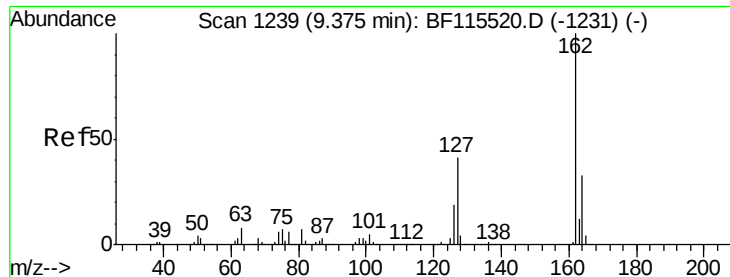
Abundance

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





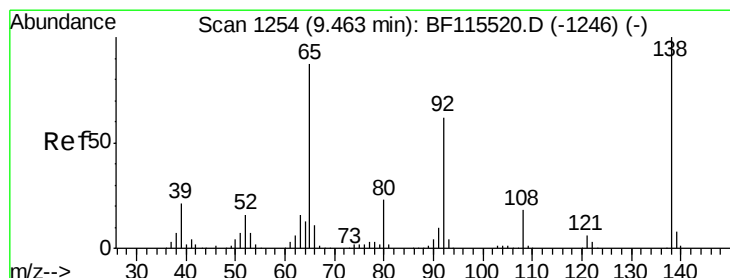
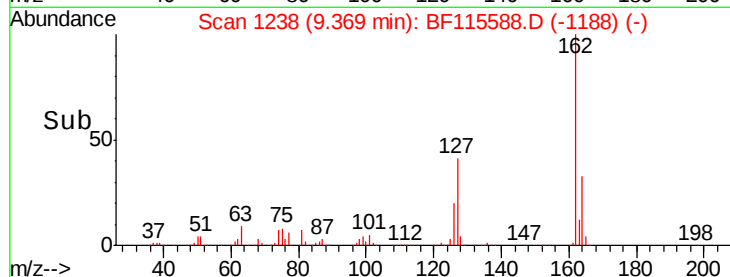
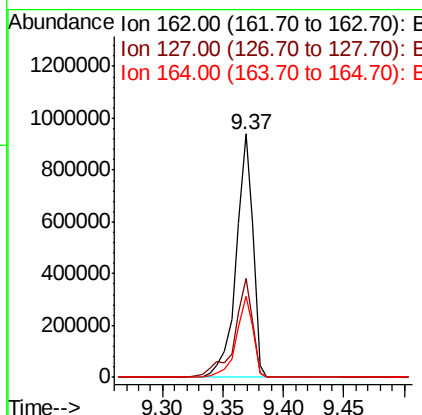
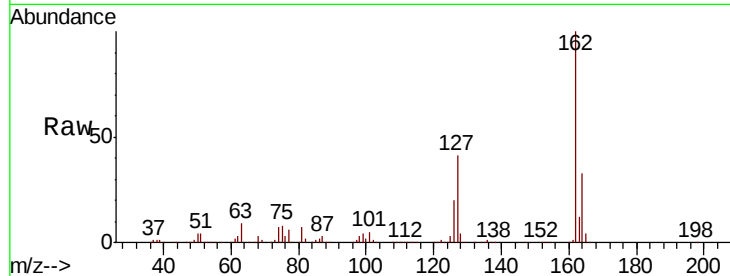
#47
 2-Chloronaphthalene
 Concen: 37.831 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Instrument :
 BNA_F
 ClientSampleId :
 PB121214BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	40.8	34.1	51.1
164	33.2	27.4	41.2

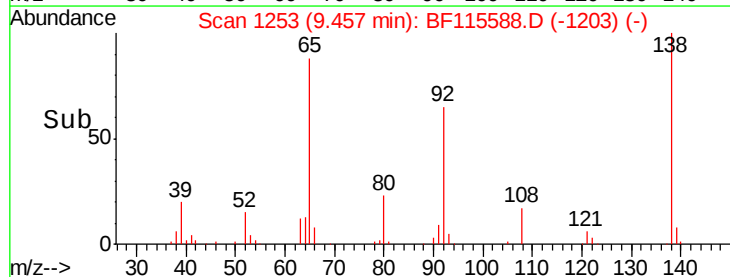
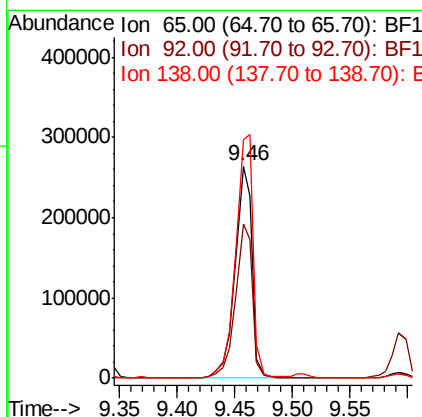
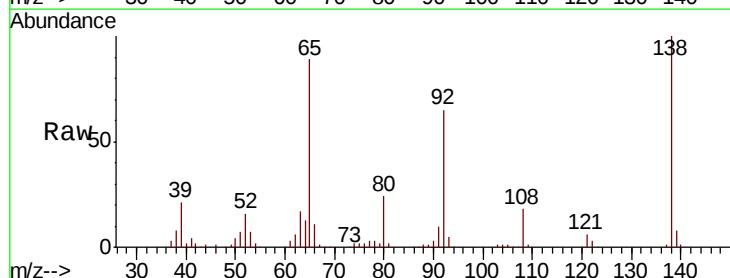
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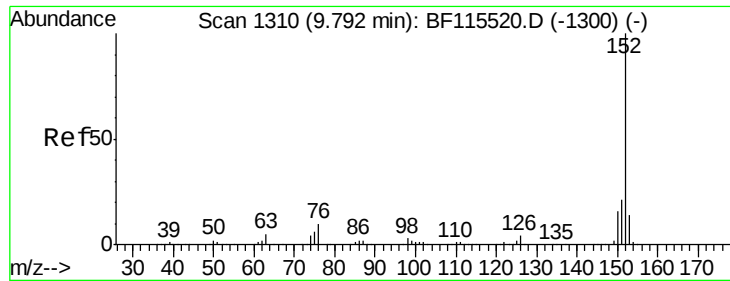
mohammad
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#48
 2-Nitroaniline
 Concen: 36.165 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	72.9	57.8	86.6
138	112.8	91.2	136.8





#49

Acenaphthylene

Concen: 38.430 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :

BNA_F

ClientSampleId :

PB121214BSD

Tot Ion:152 Resp: 1369359

Ion Ratio Lower Upper

152 100

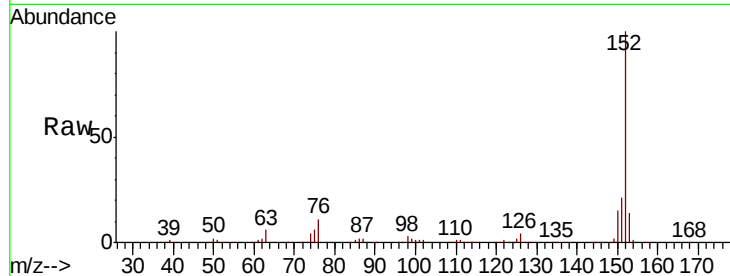
151 20.9 17.7 26.5

153 14.3 12.0 18.0

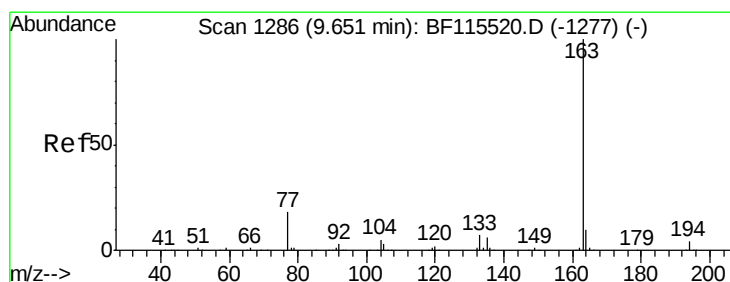
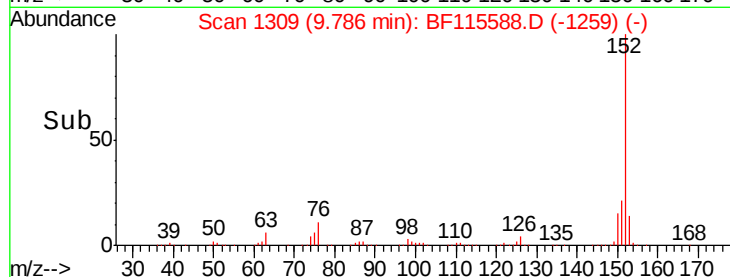
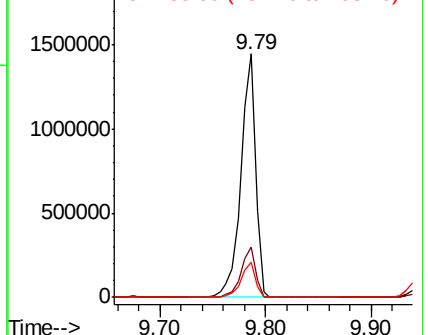
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Abundance Ion 152.00 (151.70 to 152.70): E
2000000 Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.034 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

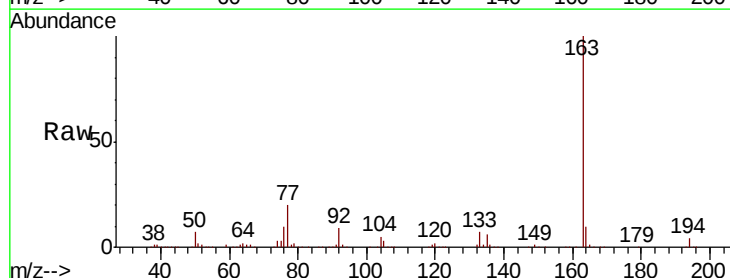
Tgt Ion:163 Resp: 1057112

Ion Ratio Lower Upper

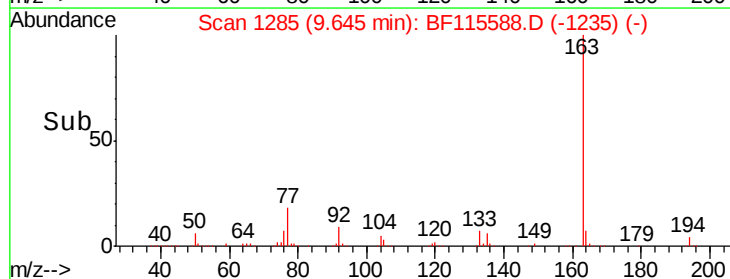
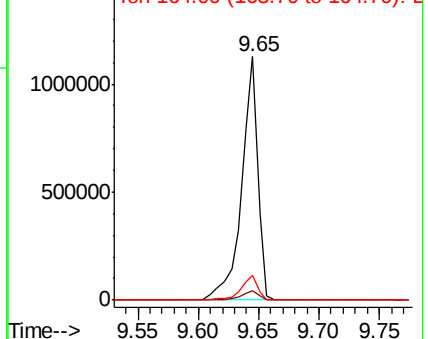
163 100

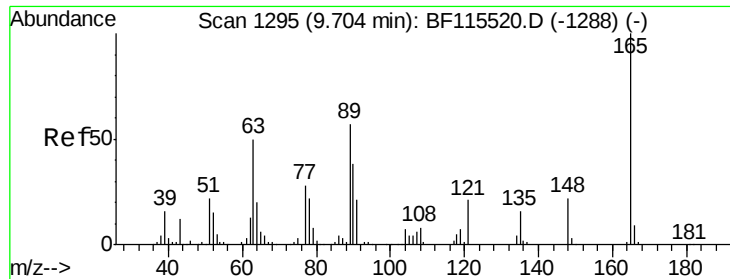
194 4.0 3.3 4.9

164 10.2 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
1500000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





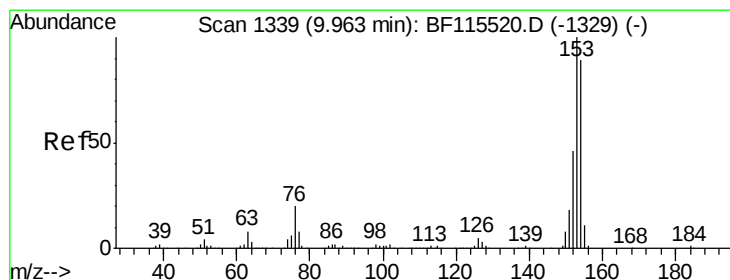
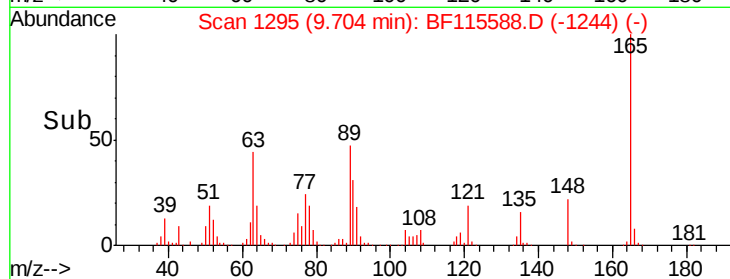
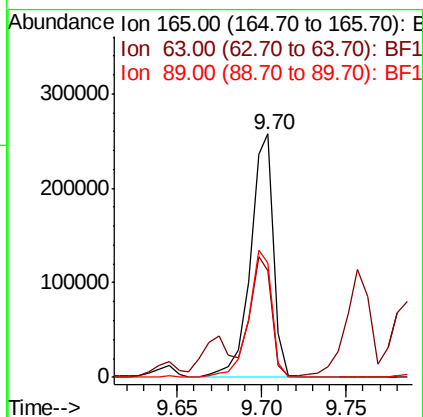
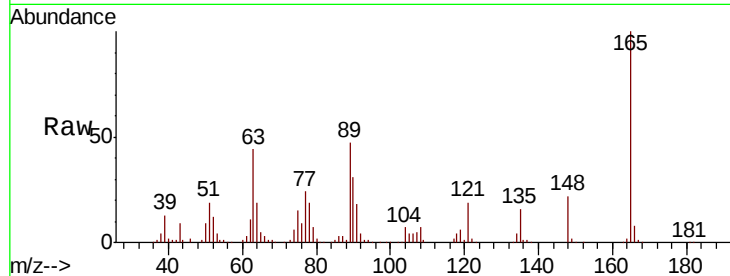
#51
2,6-Dinitrotoluene
Concen: 38.791 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	43.7	40.6	61.0
89	47.1	43.9	65.9

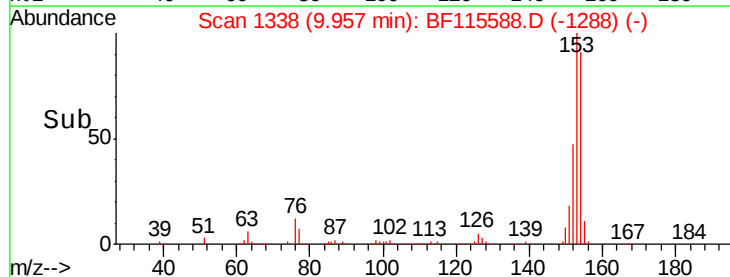
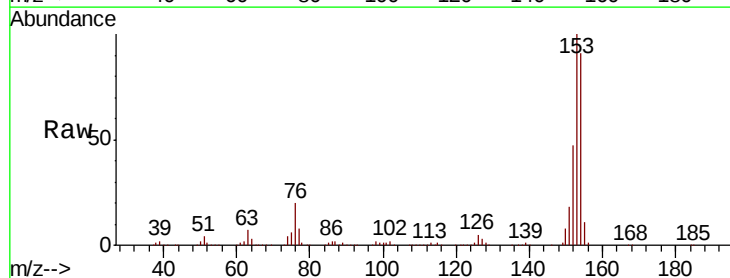
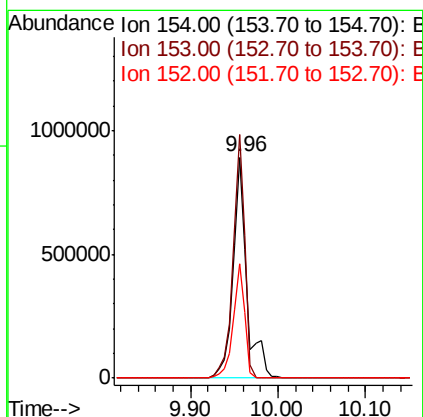
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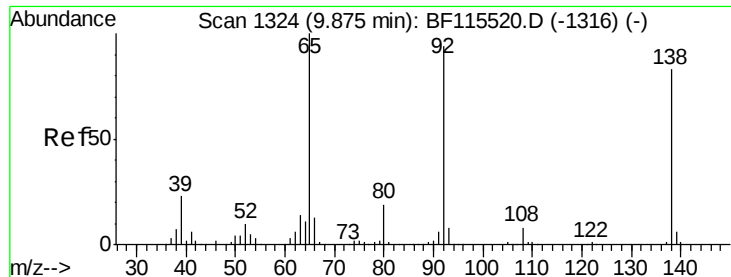
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#52
Acenaphthene
Concen: 41.993 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	110.2	88.6	133.0
152	51.9	42.3	63.5





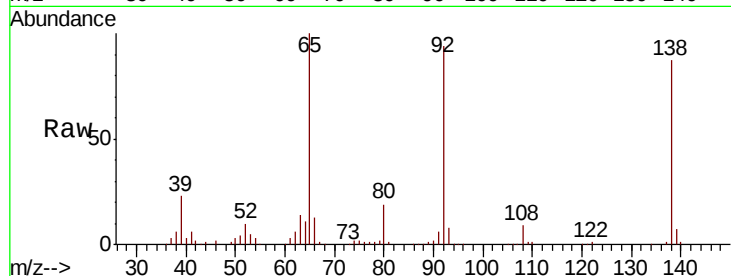
#53
3-Nitroaniline
Concen: 24.458 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB121214BSD

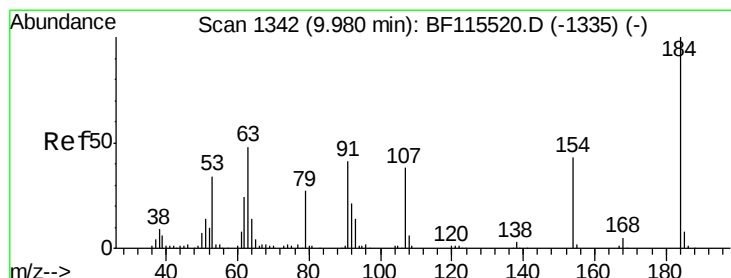
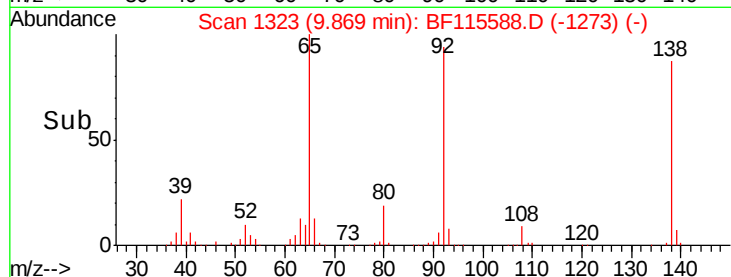
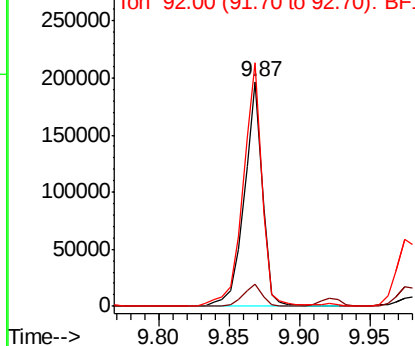
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.4	12.6
92	108.5	88.0	132.0

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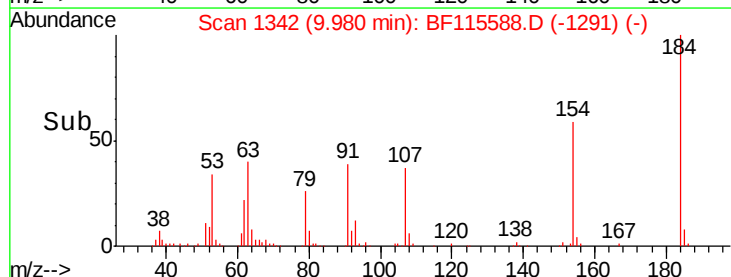
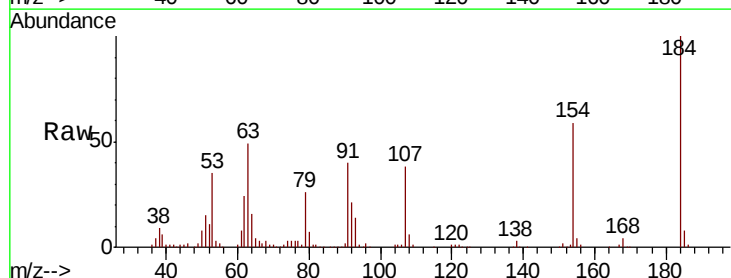
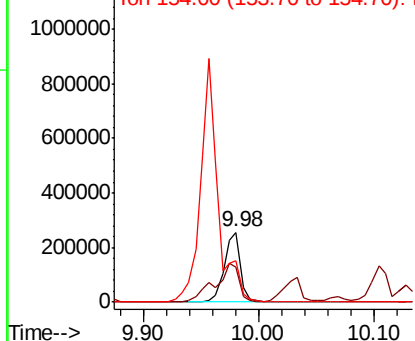
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

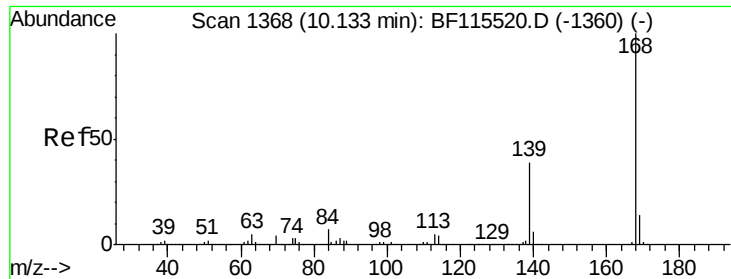


#54
2,4-Dinitrophenol
Concen: 77.857 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.0	48.7	73.1
154	58.6	48.6	73.0

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





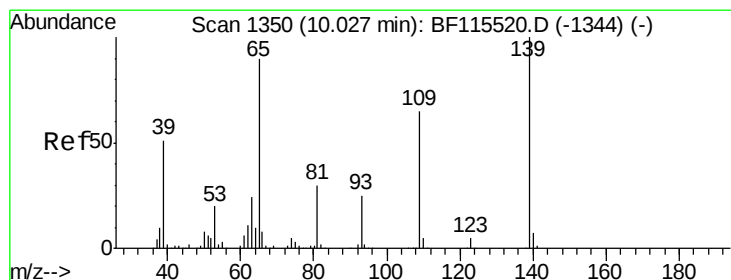
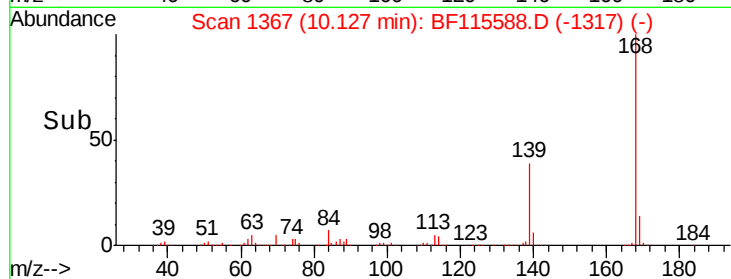
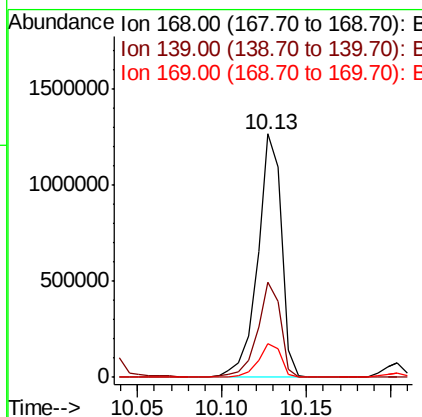
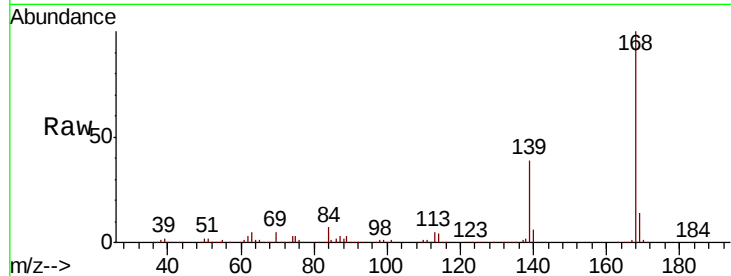
#55
Dibenzofuran
Concen: 37.816 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	31.1	46.7
169	13.9	11.1	16.7

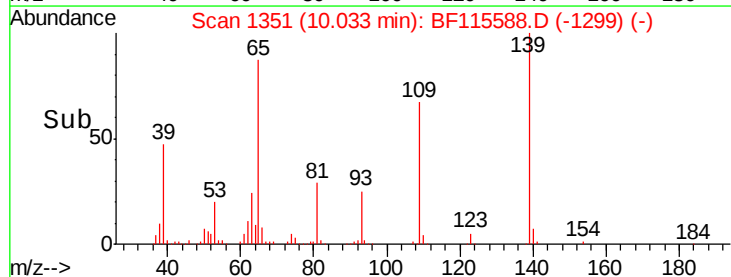
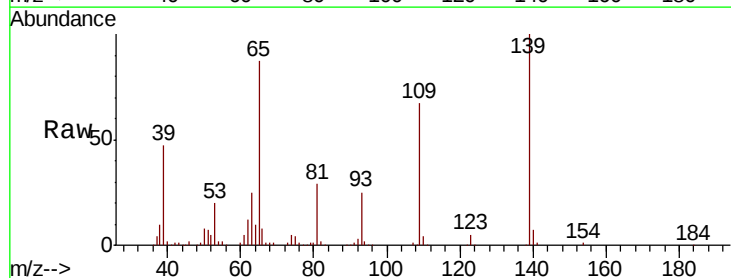
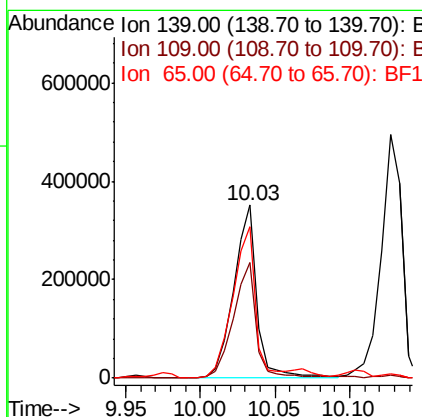
Manual Integrations
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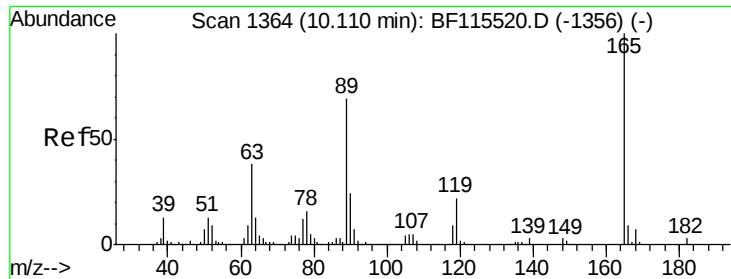
mohammad
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#56
4-Nitrophenol
Concen: 69.455 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.6	46.4	86.4
65	87.4	68.9	108.9





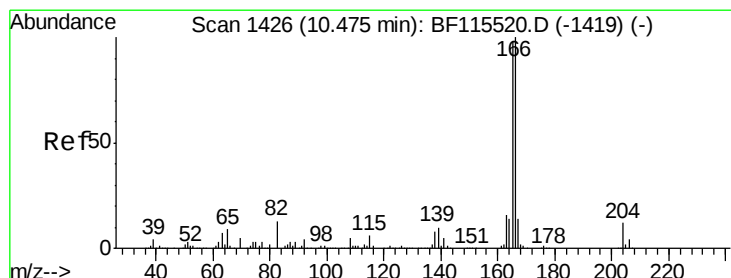
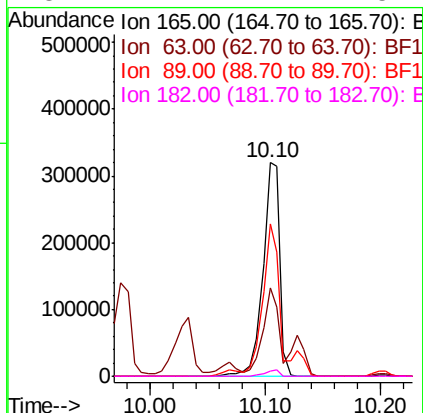
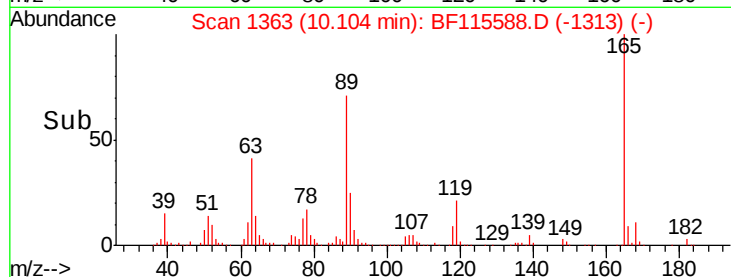
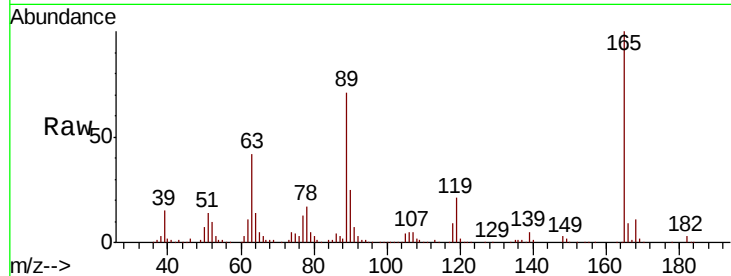
#57
2,4-Dinitrotoluene
Concen: 40.155 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.6	34.9	52.3	
89	71.3	57.5	86.3	
182	2.7	2.2	3.4	

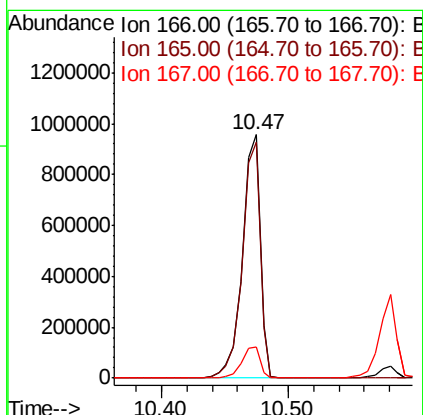
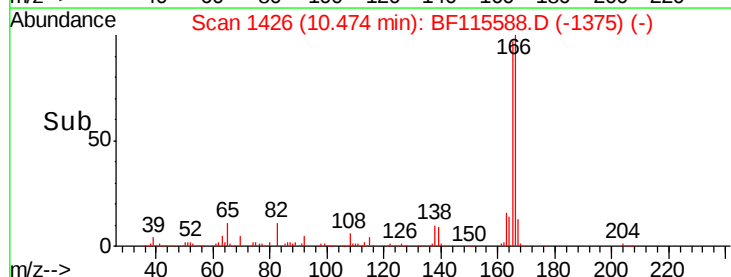
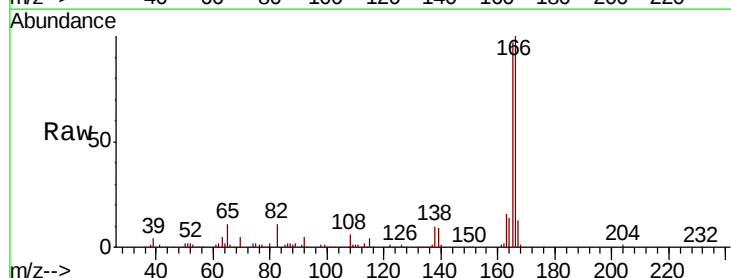
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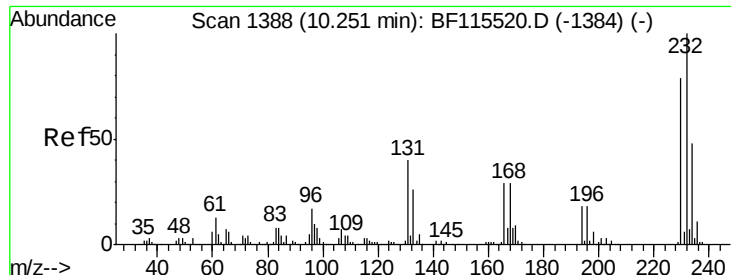
mohammad
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#58
Fluorene
Concen: 39.731 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.0	79.8	119.6	
167	13.0	11.2	16.8	





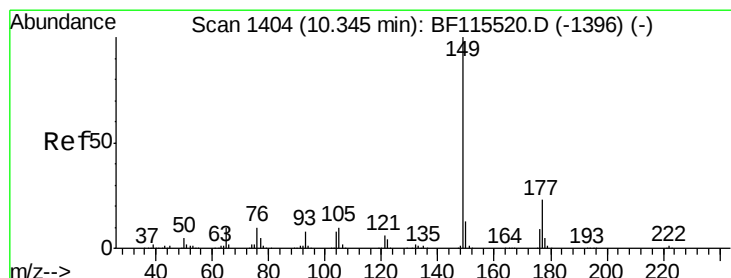
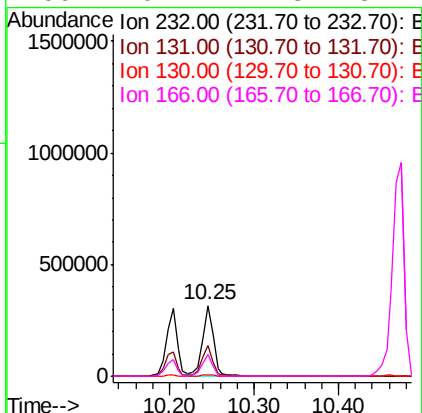
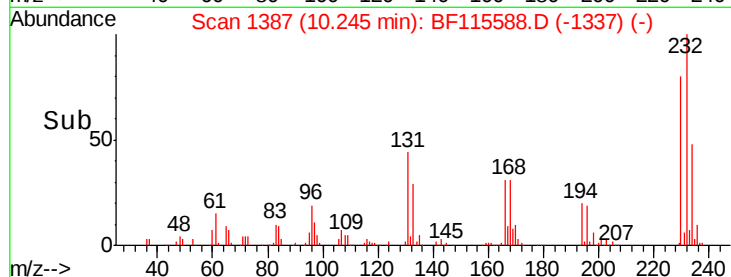
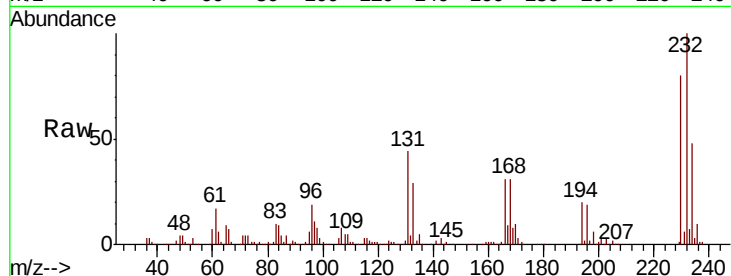
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.760 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Instrument :
 BNA_F
 ClientSampleId :
 PB121214BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	283876		
131	43.9		35.9	53.9
130	2.1		1.8	2.6
166	29.7		24.8	37.2

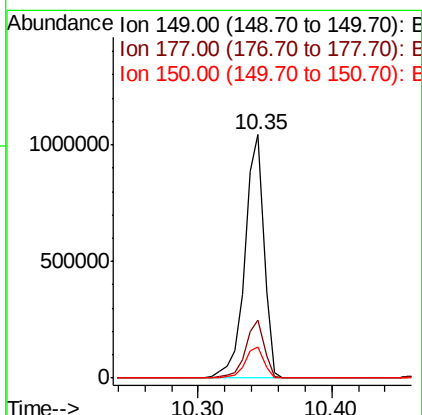
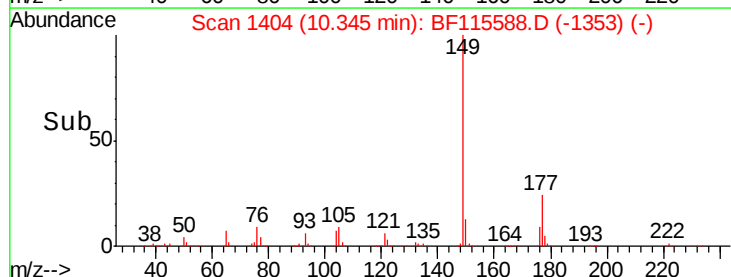
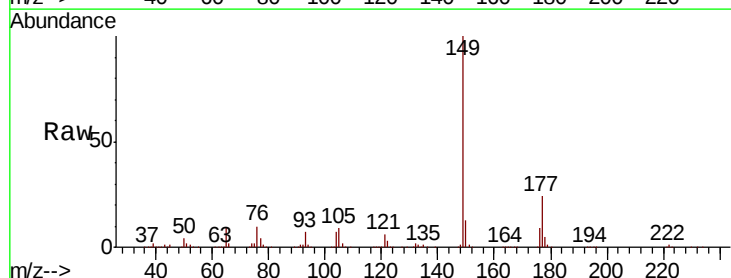
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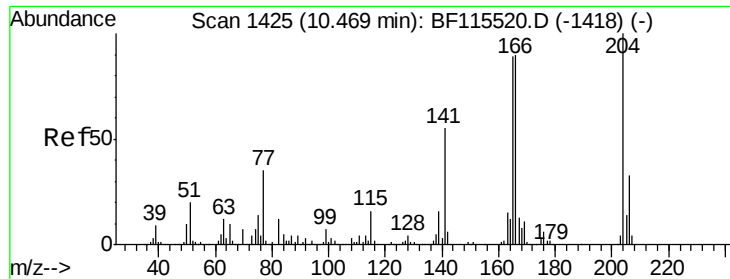
mohammad
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#60
 Diethylphthalate
 Concen: 39.103 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1018300		
177	23.9		19.5	29.3
150	12.7		10.4	15.6





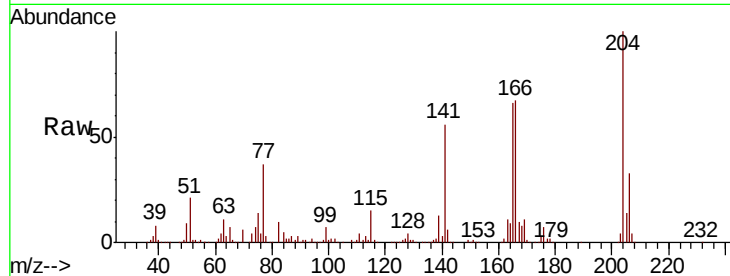
#61
4-Chlorophenyl-phenylether
Concen: 37.018 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.7	40.1
141	56.2	44.2	66.2

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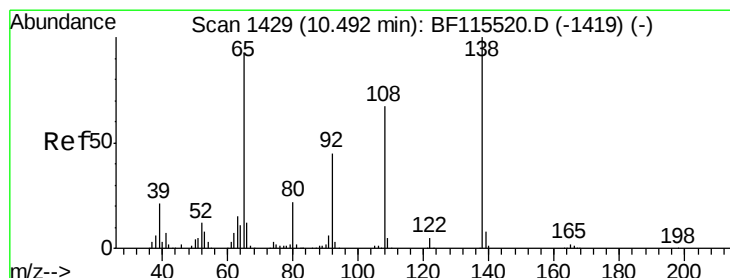
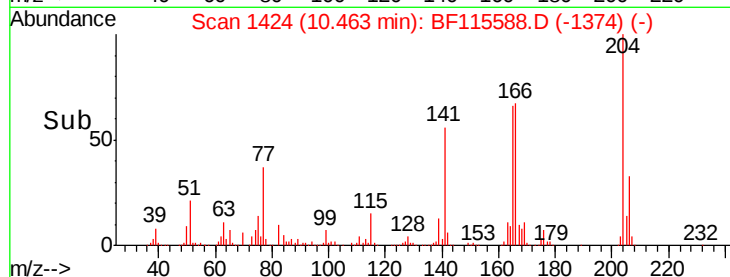
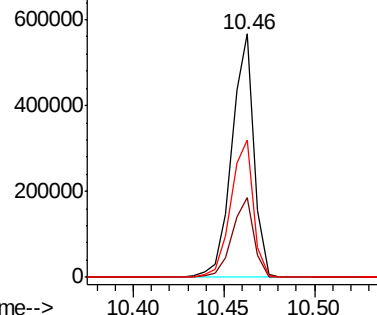


Abundance

Ion 204.00 (203.70 to 204.70): E

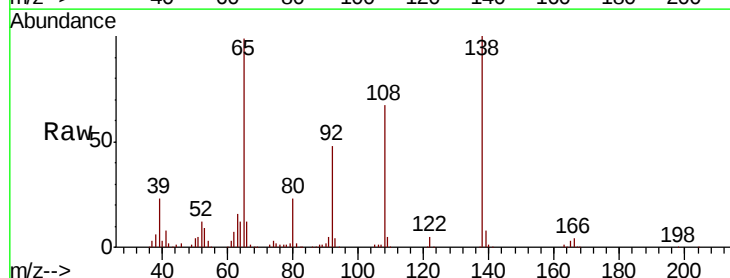
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 34.975 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	27.1	67.1
108	67.5	48.0	88.0

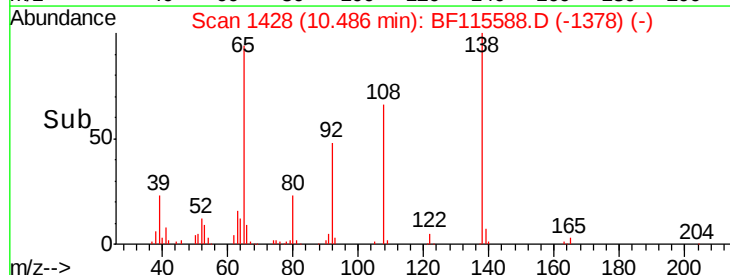
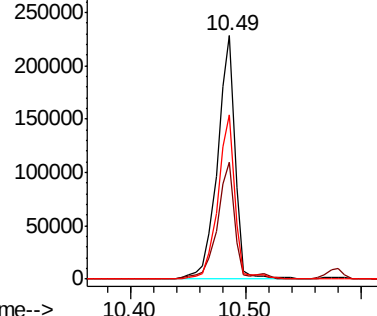


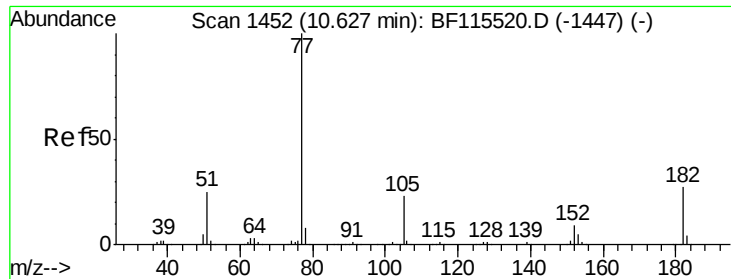
Abundance

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





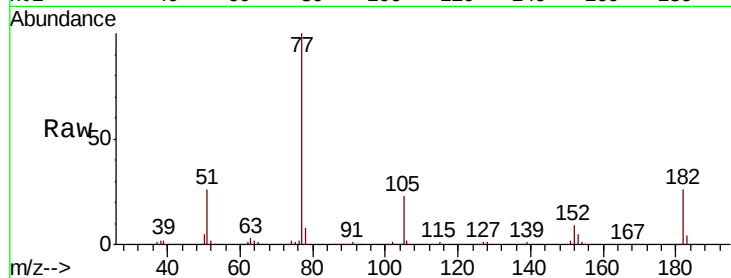
#63
Azobenzene
Concen: 38.739 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB121214BSD

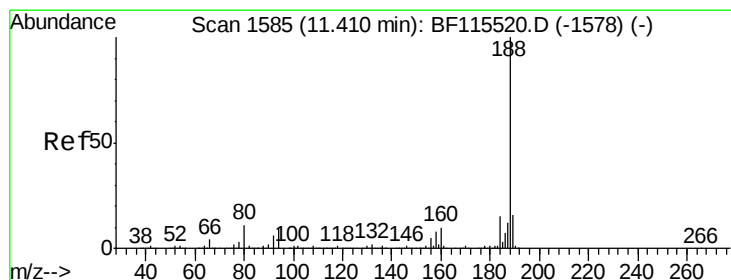
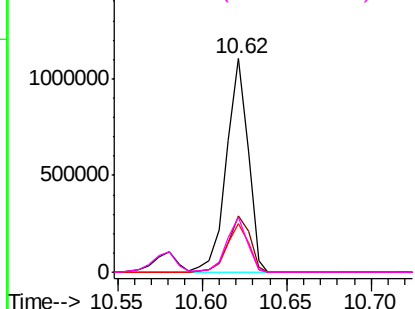
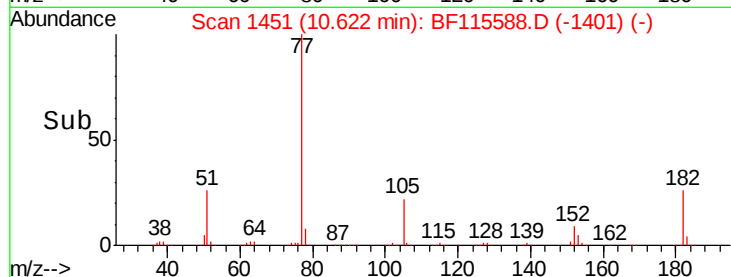
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.2	6.9	46.9		
105	22.8	3.9	43.9		
51	25.6	7.3	47.3		

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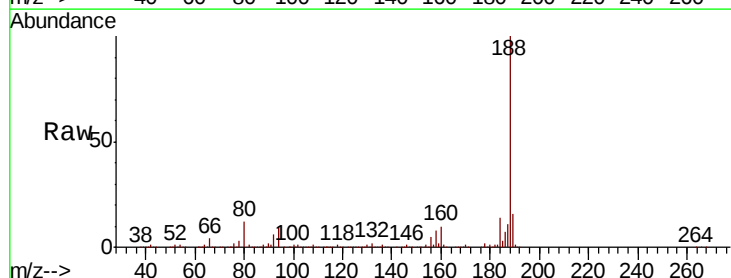


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

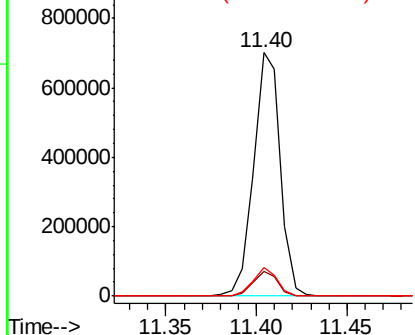
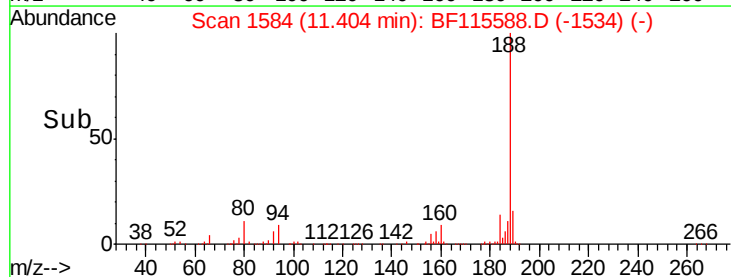


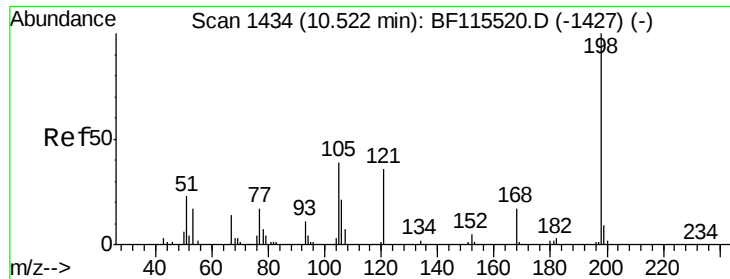
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.4	7.8	11.6		
80	11.6	8.6	13.0		



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





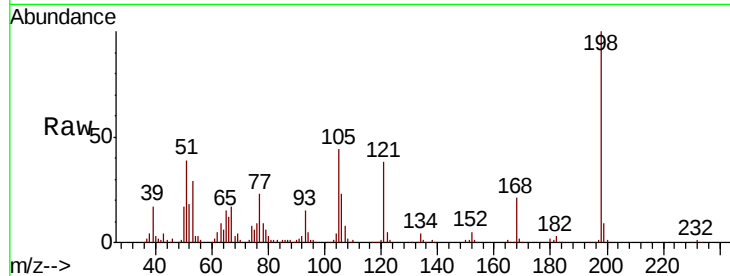
#65
4,6-Dinitro-2-methylphenol
Concen: 37.659 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB121214BSD

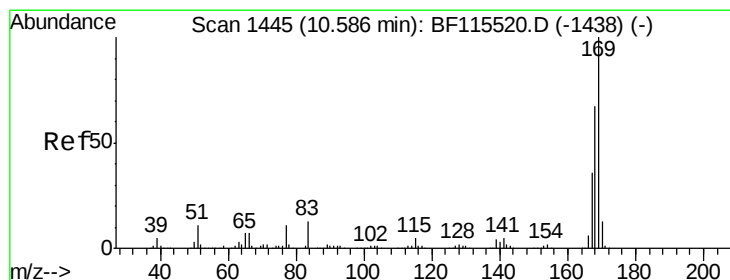
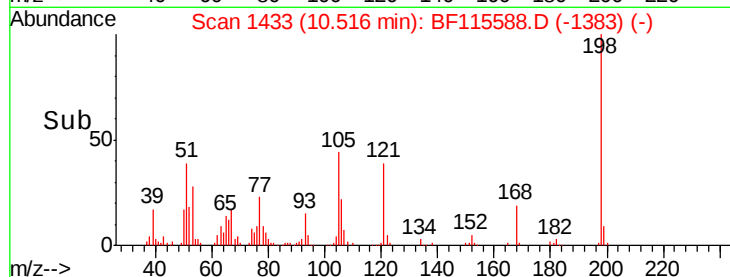
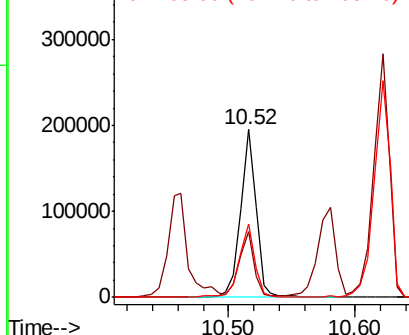
Tot Ion	Ratio	Lower	Upper
198	100		
51	39.0	19.1	59.1
105	43.9	23.6	63.6

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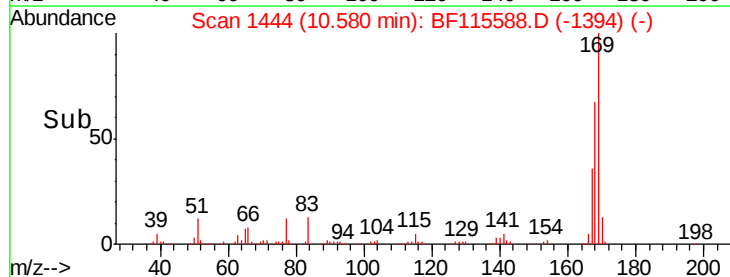
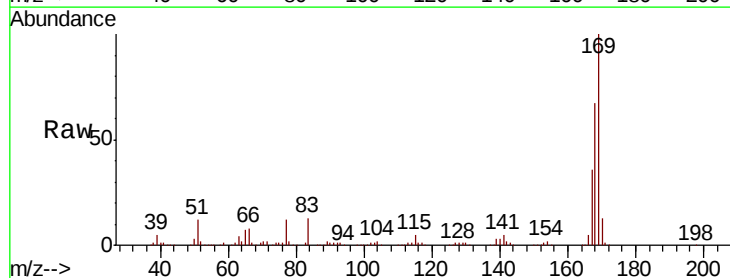
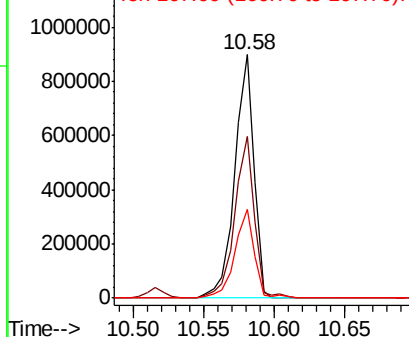
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

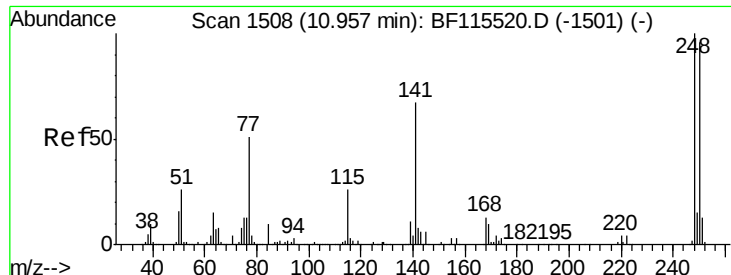


#66
n-Nitrosodiphenylamine
Concen: 38.221 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	54.3	81.5
167	36.4	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





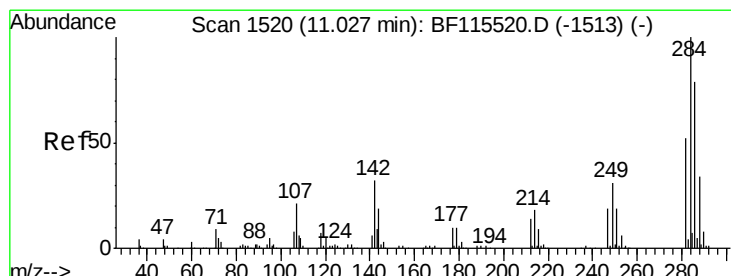
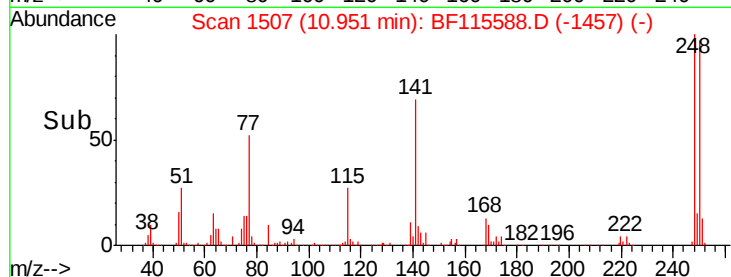
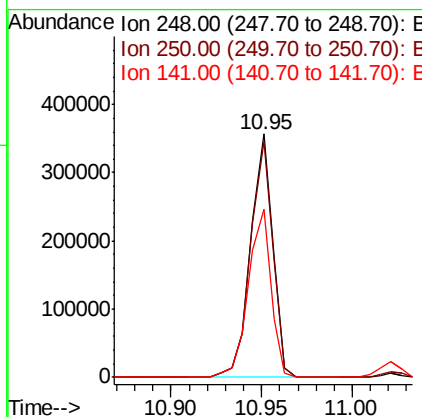
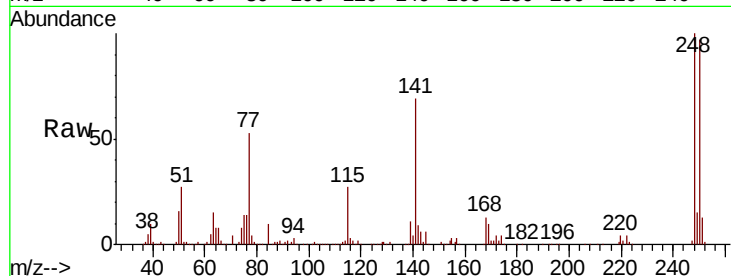
#67
 4-Bromophenyl-phenylether
 Concen: 37.364 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Instrument :
 BNA_F
 ClientSampleId :
 PB121214BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.0	117.0
141	68.8	57.7	86.5

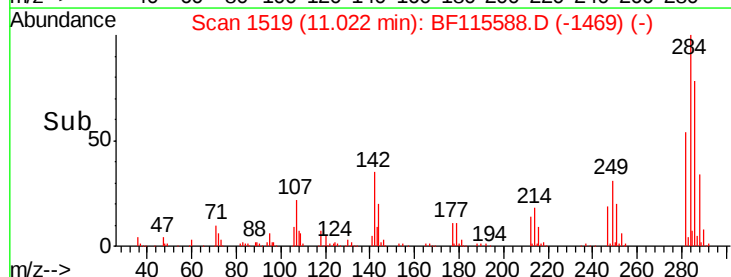
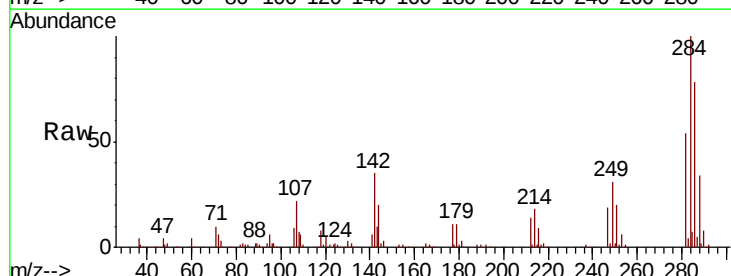
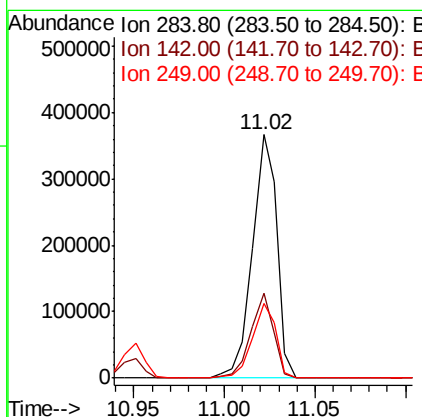
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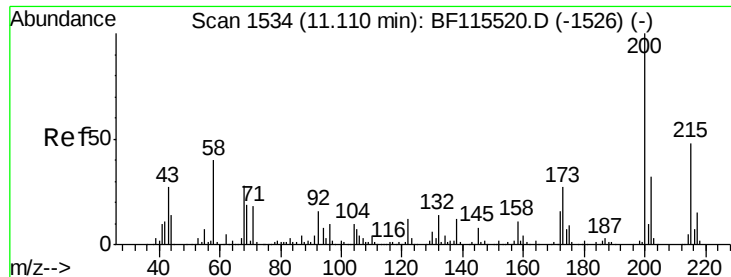
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#68
 Hexachlorobenzene
 Concen: 36.860 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	22.2	33.2#
249	30.5	23.4	35.2





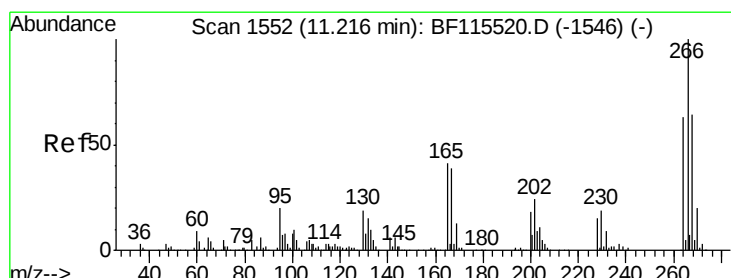
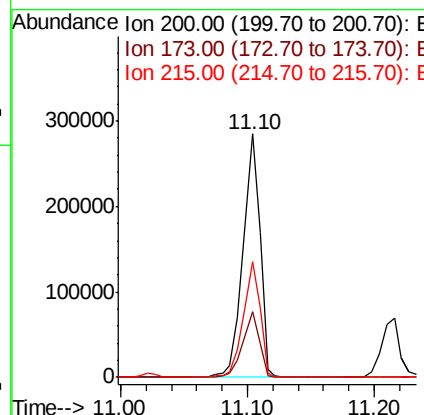
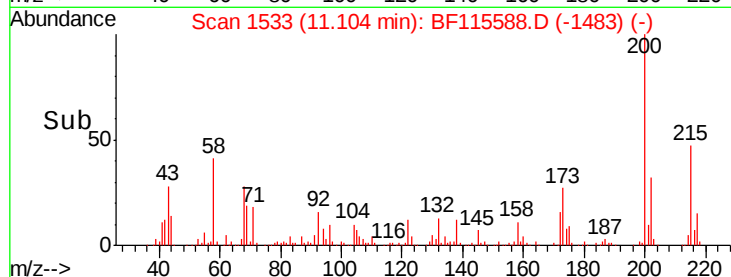
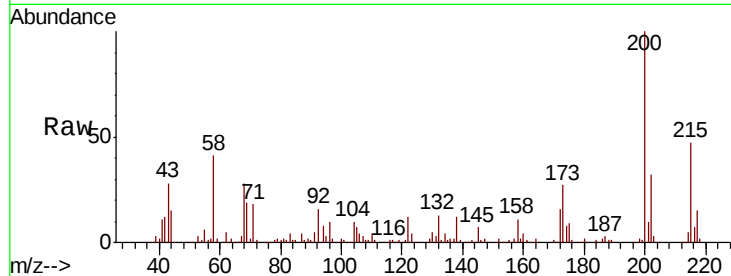
#69
Atrazine
Concen: 35.873 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.8	6.9	46.9
215	47.4	27.9	67.9

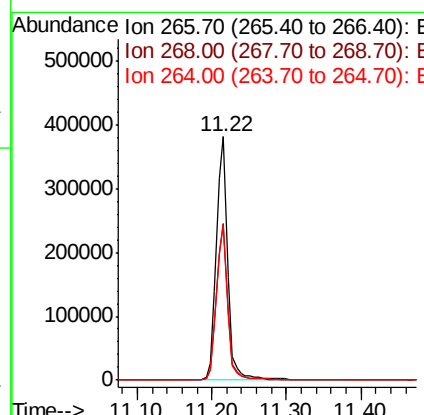
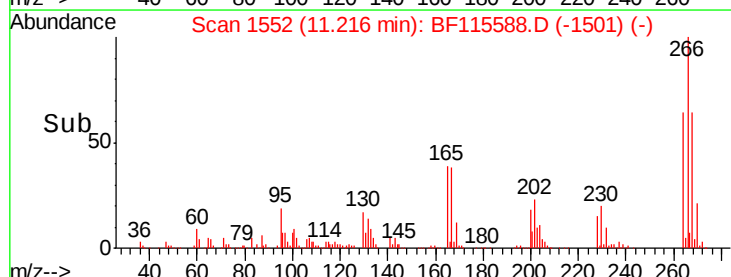
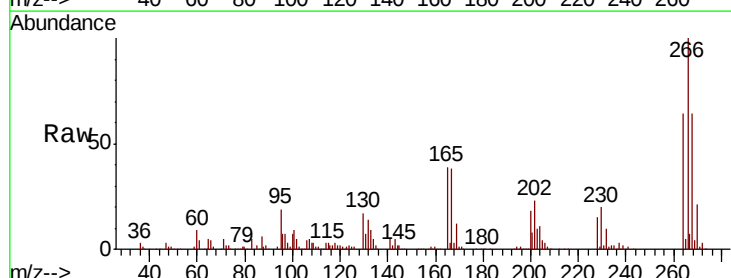
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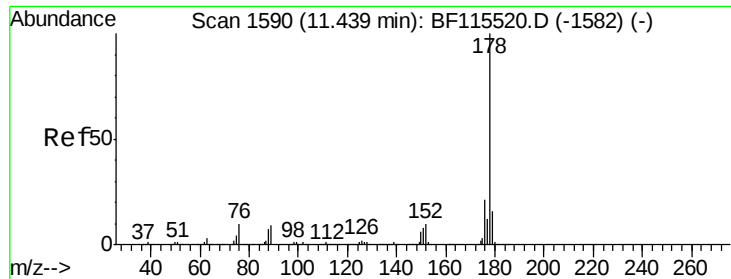
mohammad
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#70
Pentachlorophenol
Concen: 70.862 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.1	51.6	77.4
264	64.0	50.6	76.0





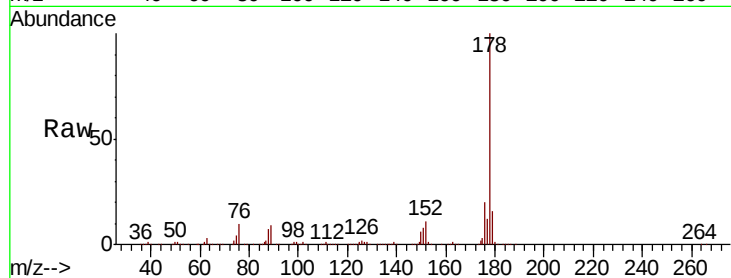
#71
 Phenanthrene
 Concen: 38.318 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

Instrument :
 BNA_F
 ClientSampleId :
 PB121214BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	17.2	25.8
179	16.2	13.5	20.3

Manual Integrations
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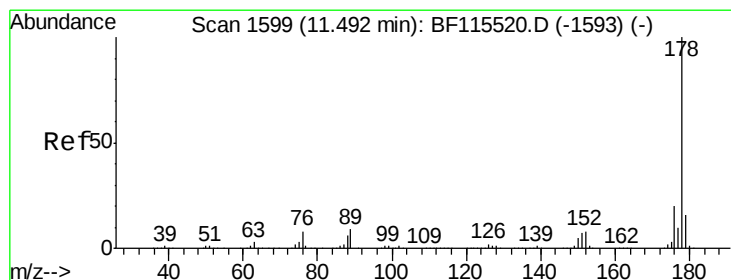
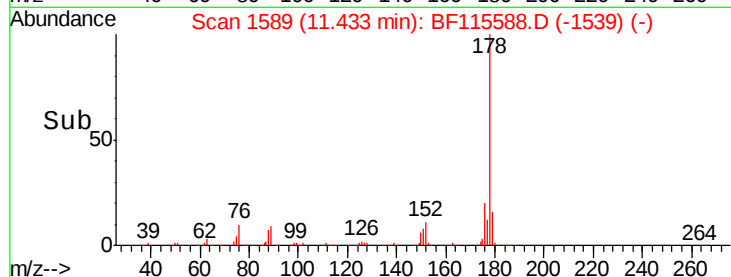
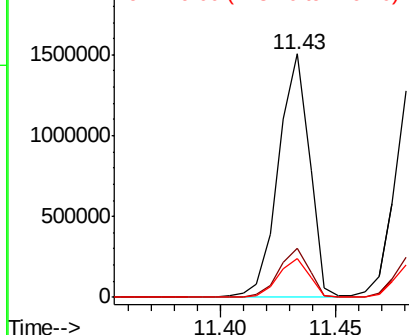


Abundance

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: 37.706 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF115588.D
 Acq: 16 Jul 2019 10:53

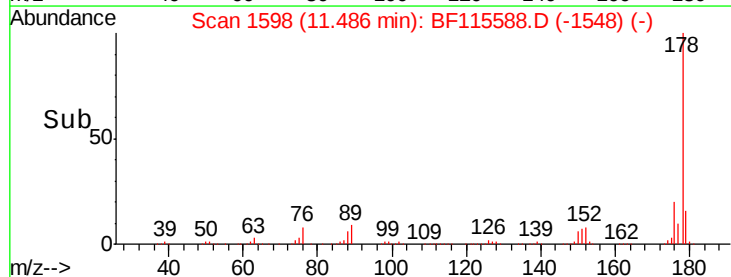
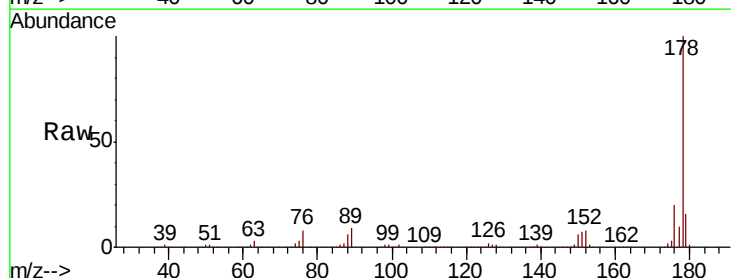
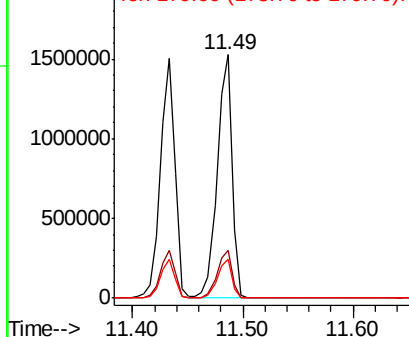
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.8	12.7	19.1

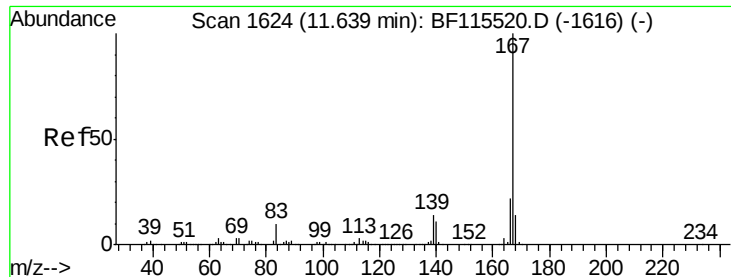
Abundance

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: 37.982 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :

BNA_F

ClientSampleId :

PB121214BSD

Tot Ion:167 Resp: 1259538

Ion Ratio Lower Upper

167 100

166 22.5 18.1 27.1

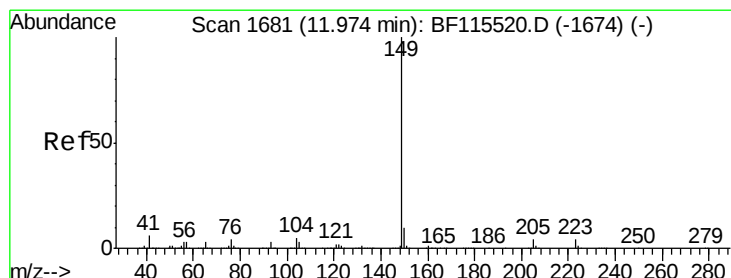
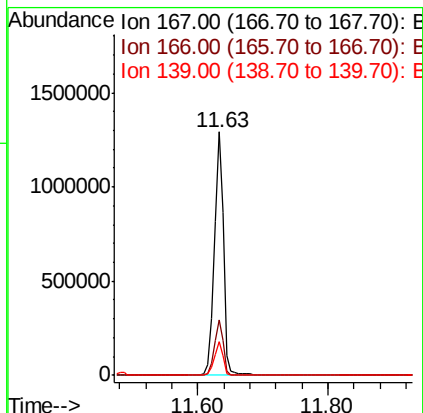
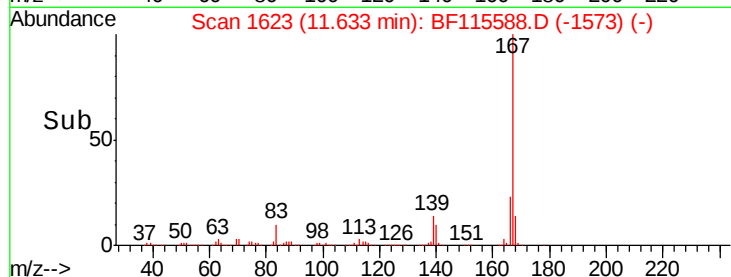
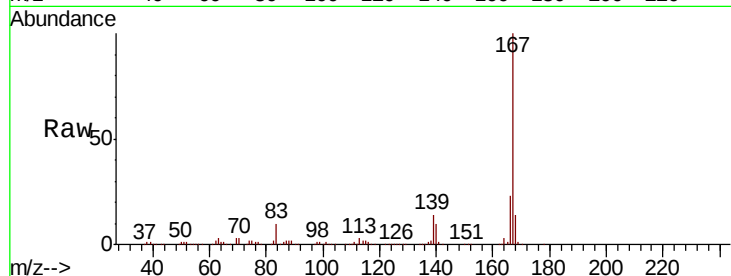
139 13.7 11.3 16.9

Manual Integrations

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#74

Di-n-butylphthalate

Concen: 38.057 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

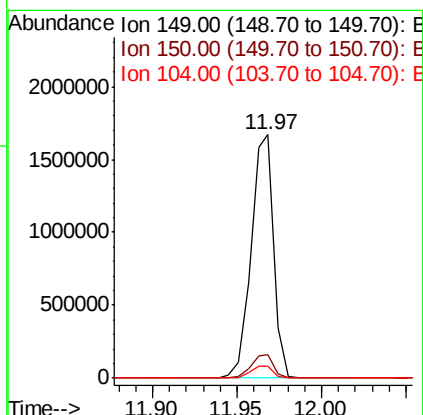
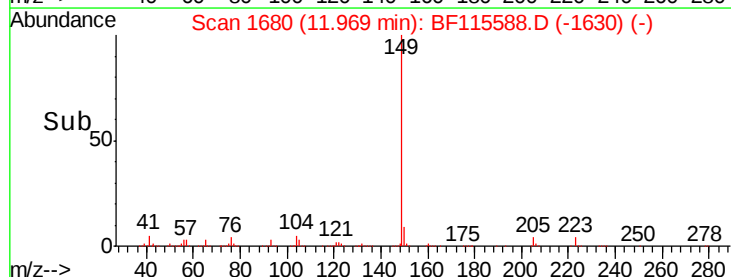
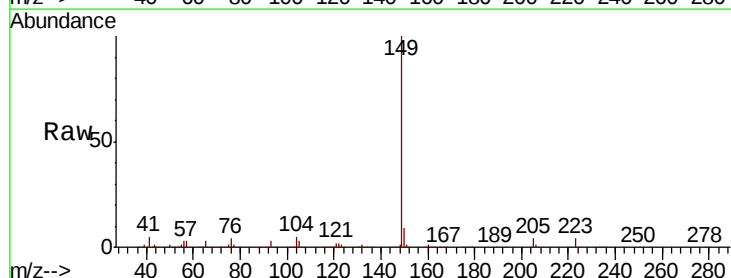
Tgt Ion:149 Resp: 1554501

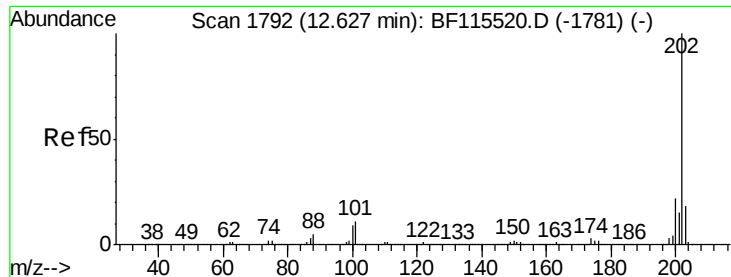
Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

104 4.7 3.8 5.8





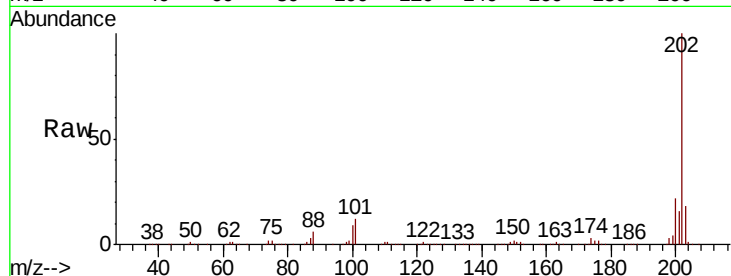
#75
Fluoranthene
Concen: 37.308 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.4
203	17.9	0.0	38.1

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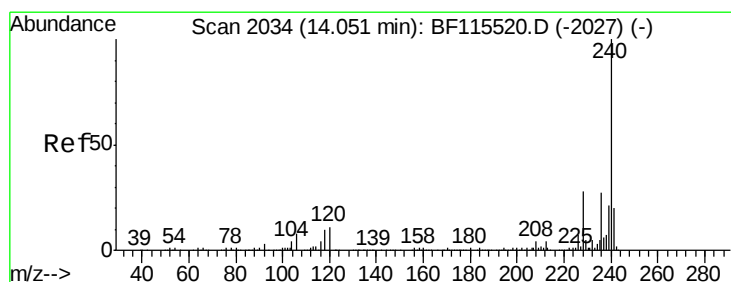
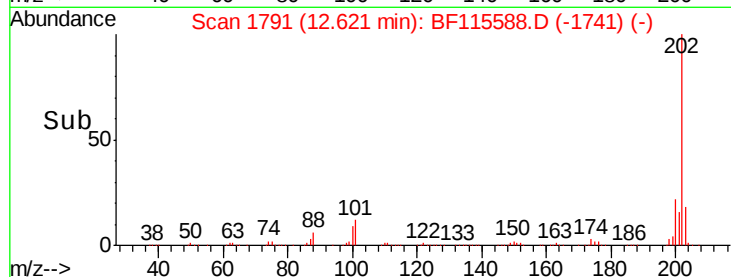
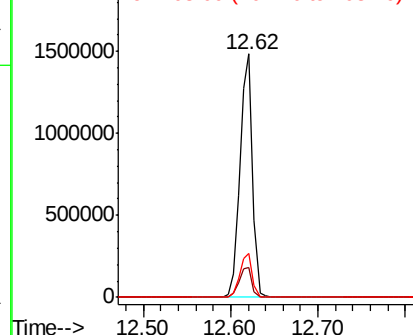


Abundance

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# 2033
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

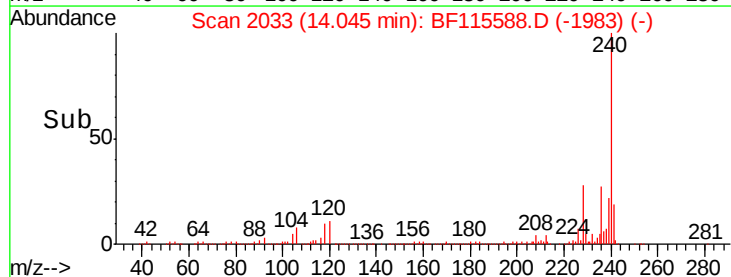
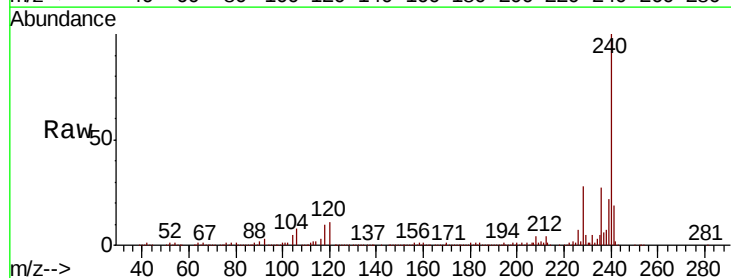
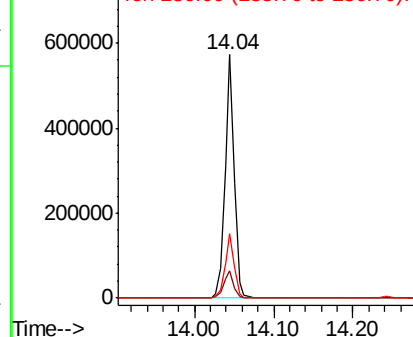
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.6	13.0
236	26.7	21.3	31.9

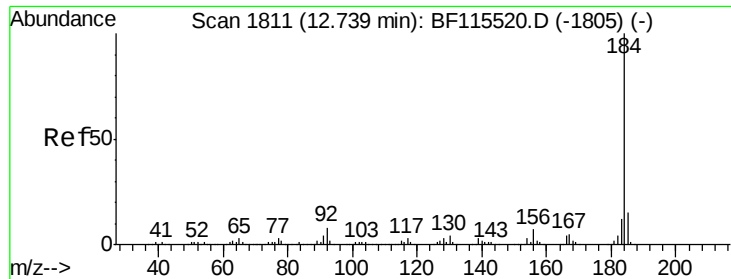
Abundance

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: 19.424 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :

BNA_F

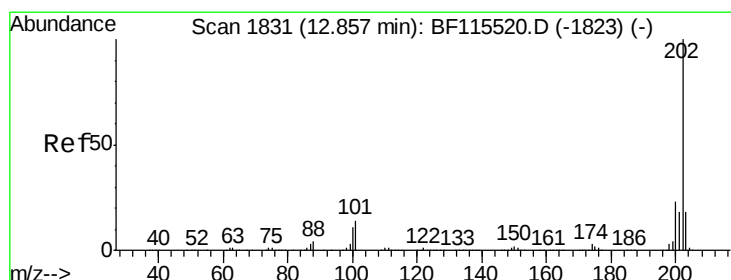
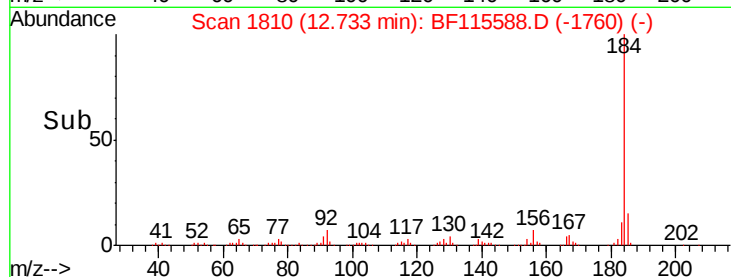
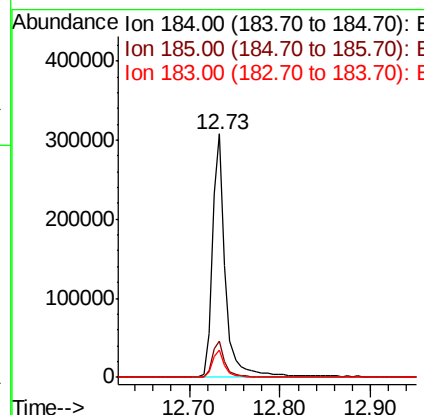
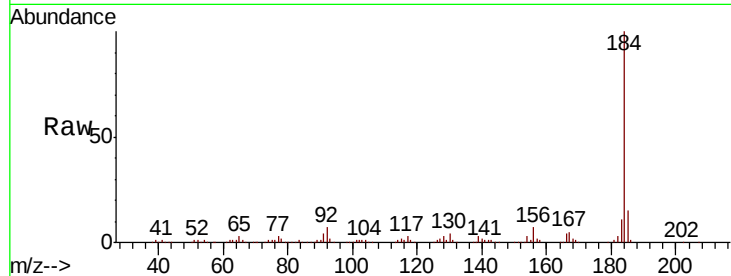
ClientSampleId :

PB121214BSD

Tot Ion:	184	Resp:	314844
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.0	18.0
183	11.3	9.3	13.9

Manual Integrations
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#78

Pyrene

Concen: 37.574 ng

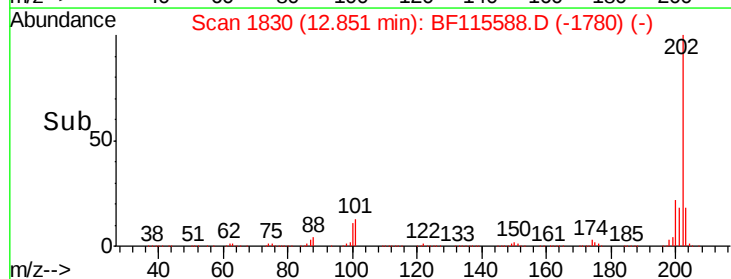
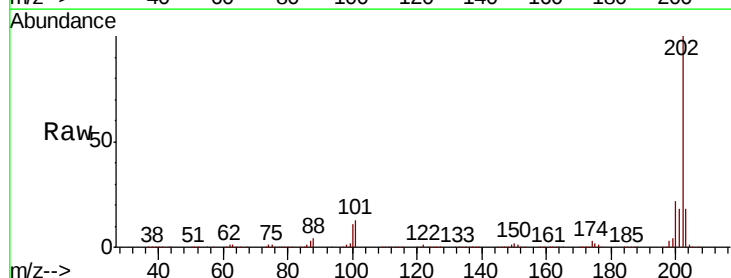
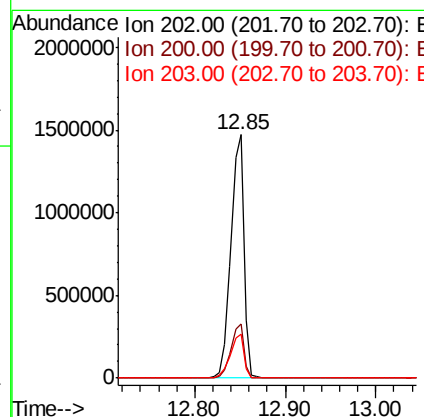
RT: 12.85 min Scan# 1830

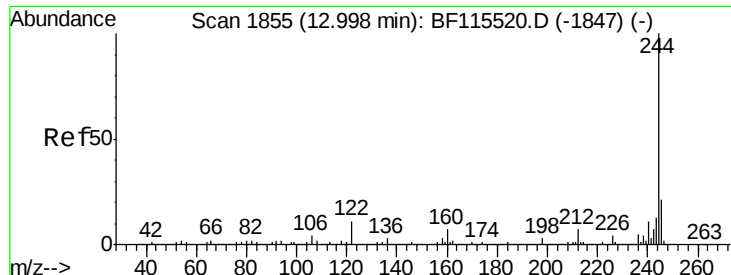
Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Tgt Ion:	202	Resp:	1456582
Ion Ratio	Lower	Upper	
202	100		
200	22.3	18.7	28.1
203	18.1	15.2	22.8





#79

Terphenyl-d14

Concen: 74.613 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :

BNA_F

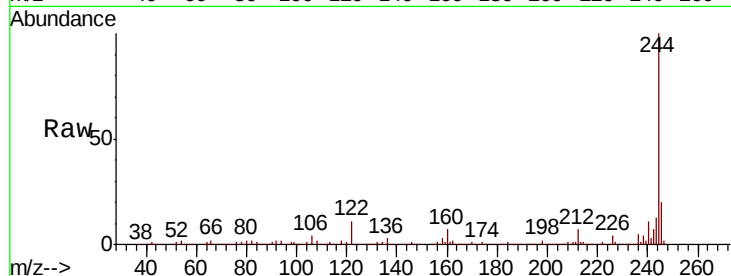
ClientSampleId :

PB121214BSD

Tot Ion:	244	Resp:	1850238
Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	10.8	8.6	12.8

Manual Integrations
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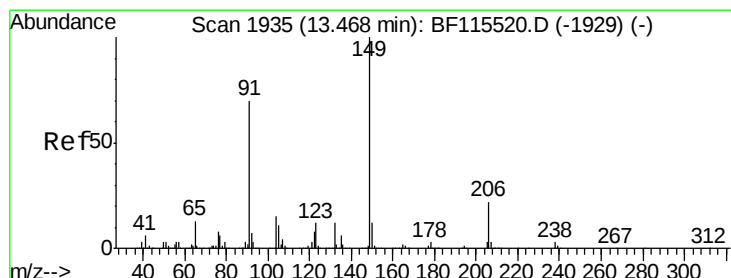
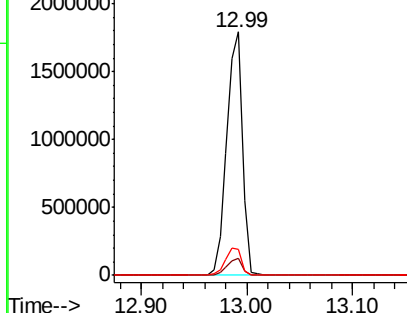
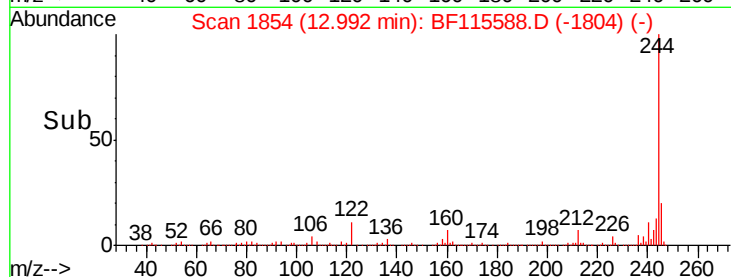


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.279 ng

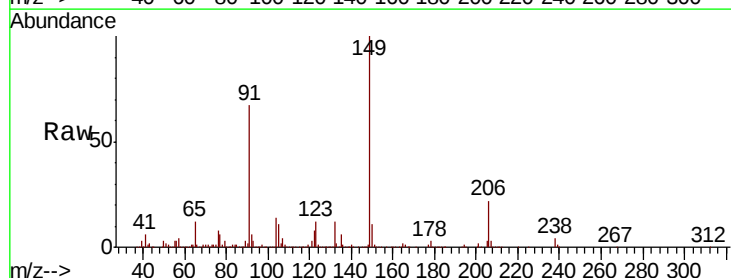
RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Tgt Ion:	149	Resp:	632585
Ion	Ratio	Lower	Upper
149	100		
91	67.2	55.8	83.8
206	22.0	18.2	27.2

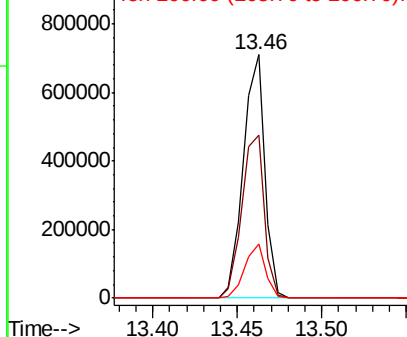
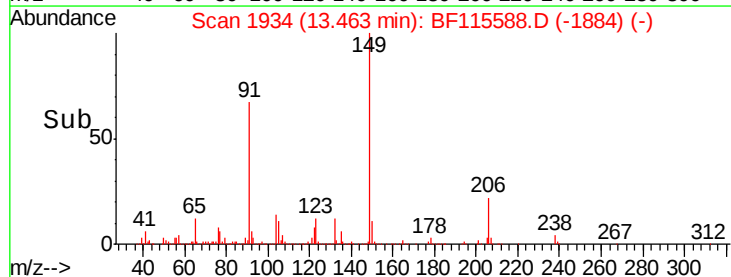


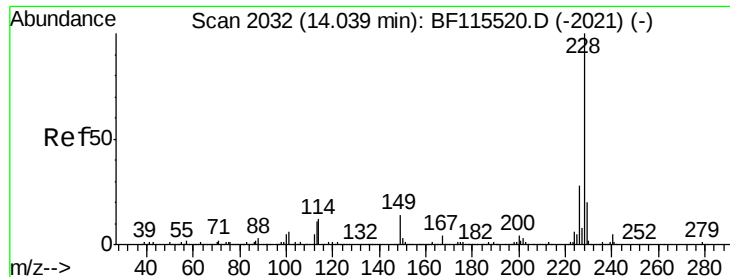
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





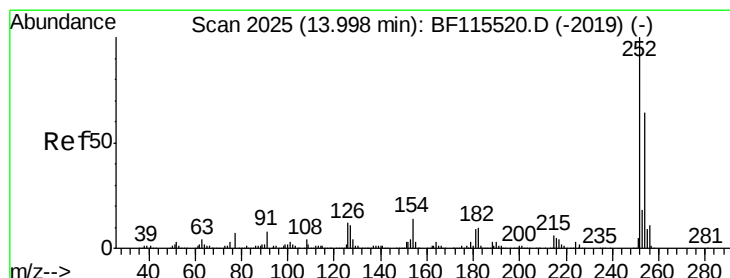
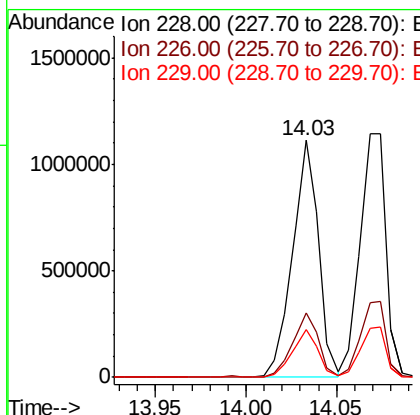
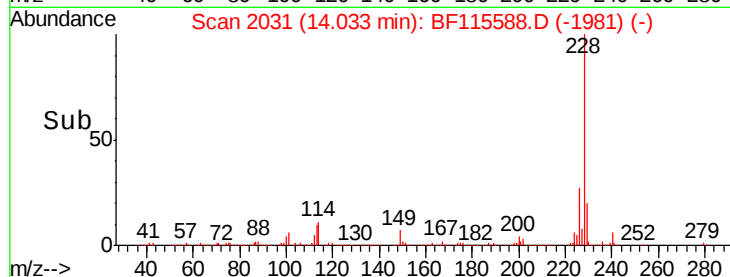
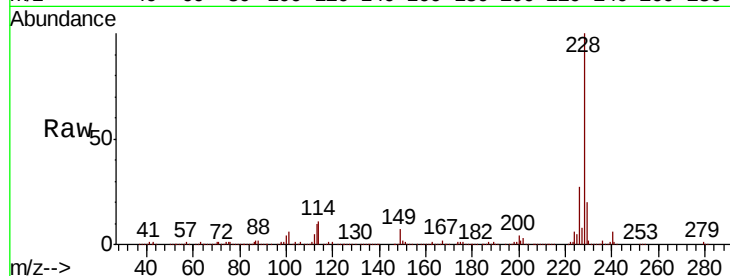
#81
Benzo(a)anthracene
Concen: 37.242 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	23.4	35.0
229	20.0	17.2	25.8

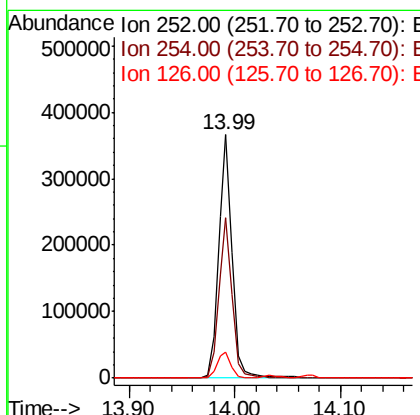
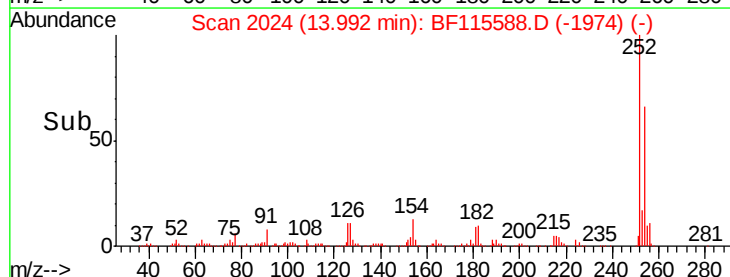
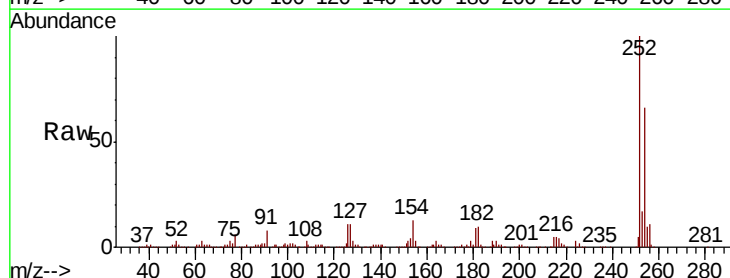
Manual Integrations
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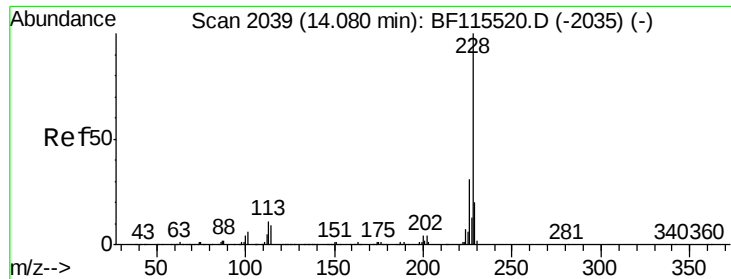
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 30.947 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.9	79.3
126	10.9	9.9	14.9





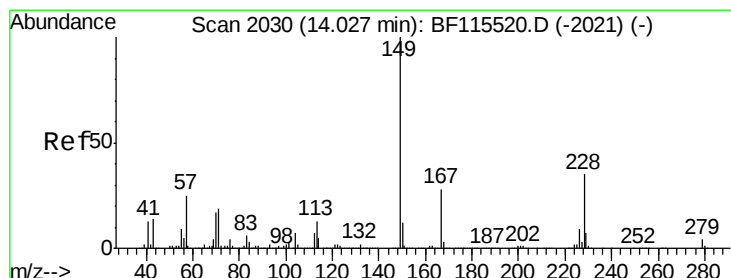
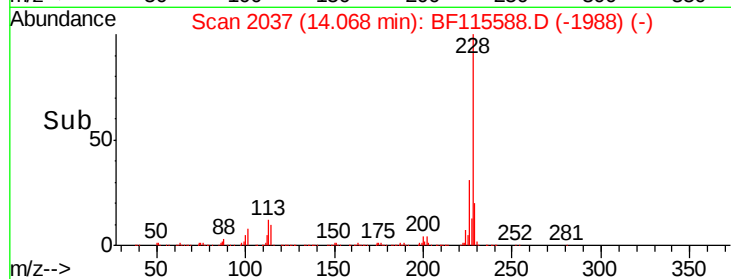
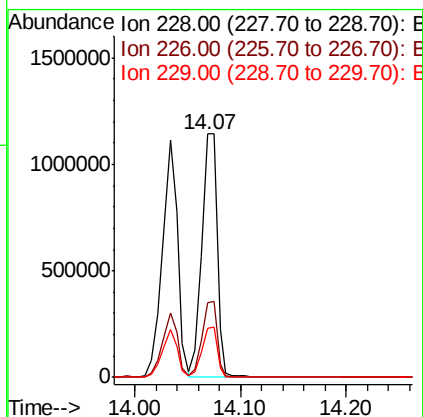
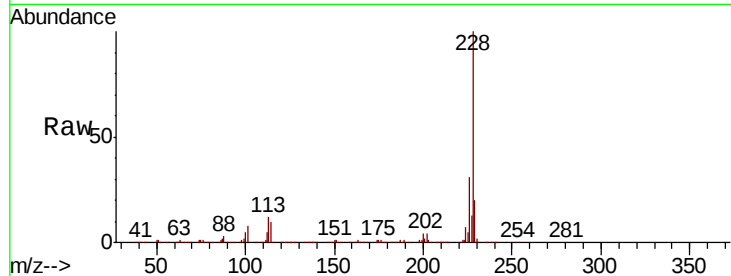
#83
Chrysene
Concen: 37.991 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.7	38.5
229	20.3	16.6	25.0

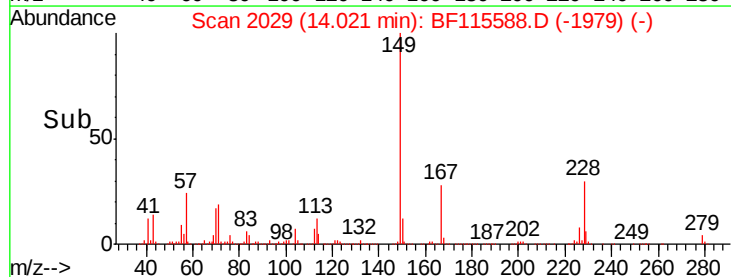
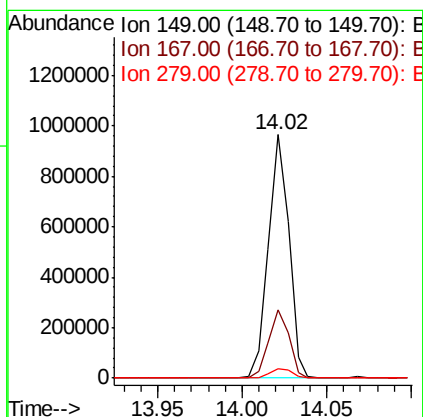
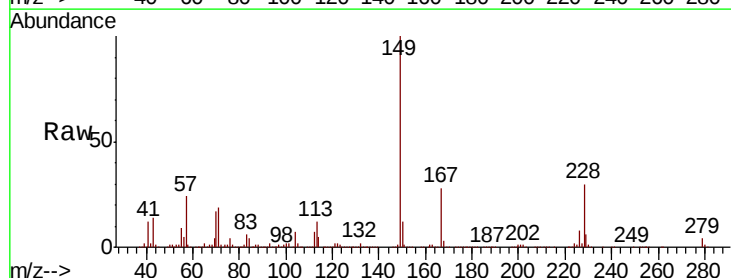
Manual Integrations
APPROVED

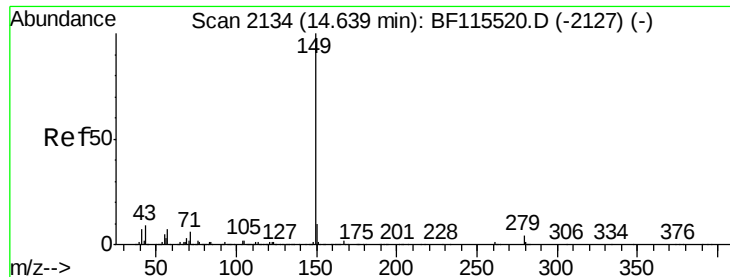
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.886 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.0	34.4
279	4.0	4.2	6.2#





#85

Di-n-octyl phthalate

Concen: 40.874 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

Instrument :

BNA_F

ClientSampleId :

PB121214BSD

Tot Ion:149 Resp: 1331268

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

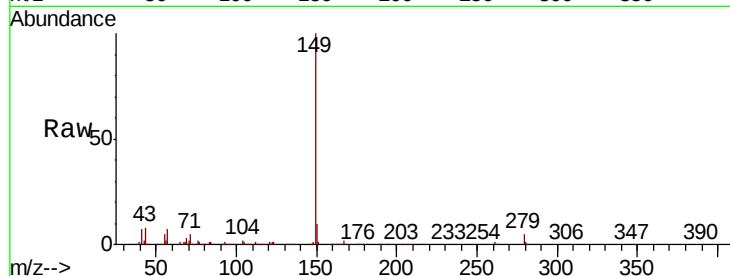
43 8.3 7.2 10.8

Manual Integrations

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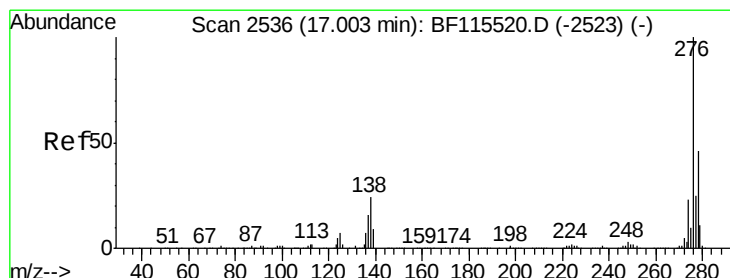
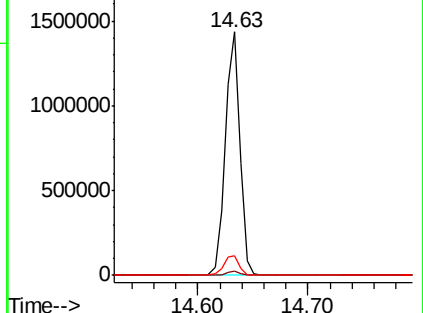
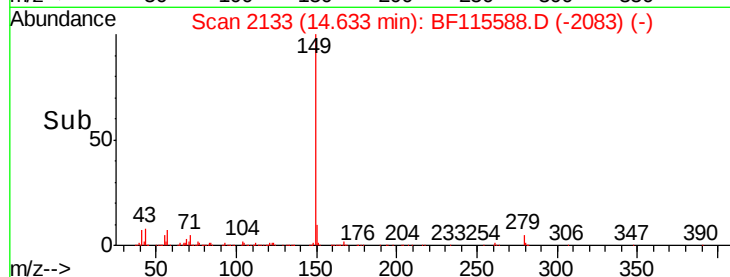
7/17/2019 12:05:30 PM



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: 35.167 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF115588.D

Acq: 16 Jul 2019 10:53

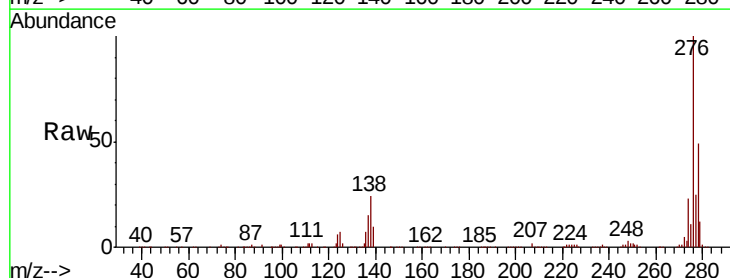
Tgt Ion:276 Resp: 904099

Ion Ratio Lower Upper

276 100

138 25.7 20.2 30.2

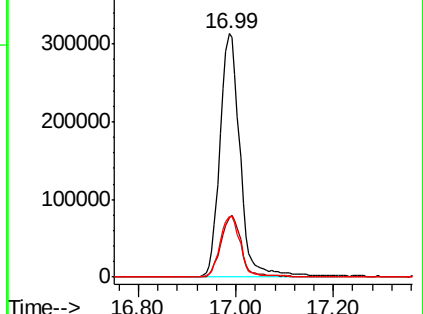
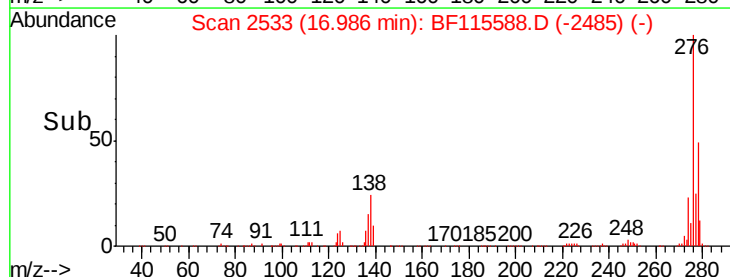
277 25.6 20.4 30.6

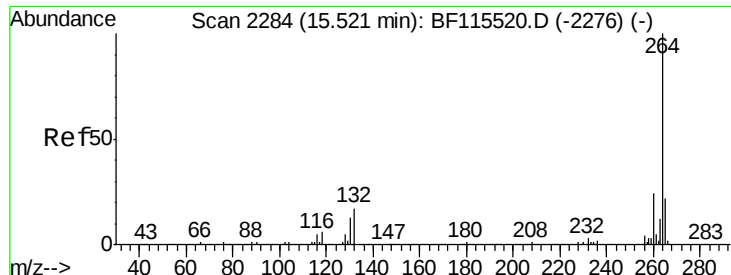


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





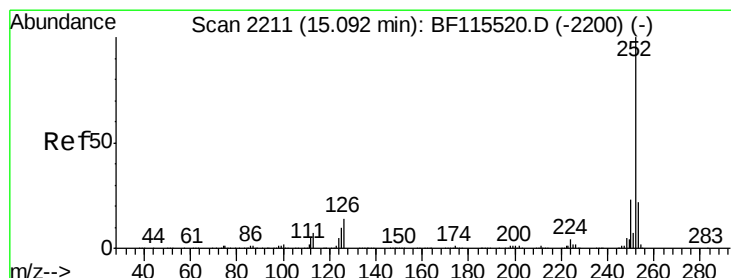
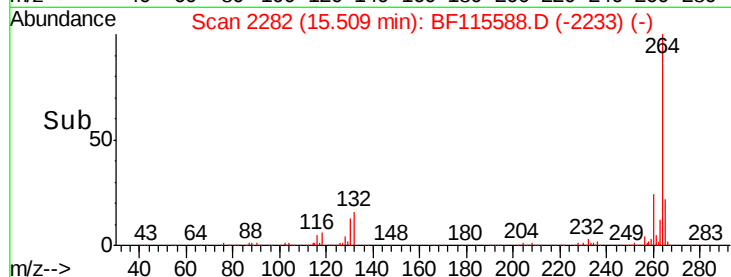
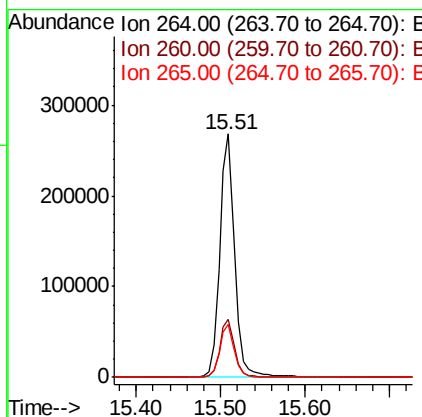
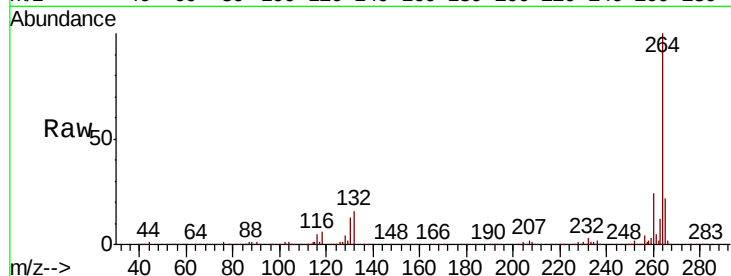
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.8	29.8
265	21.7	17.7	26.5

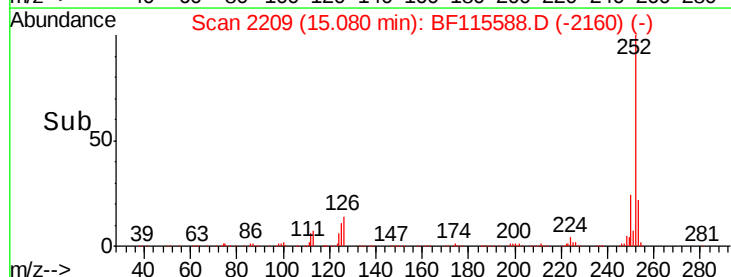
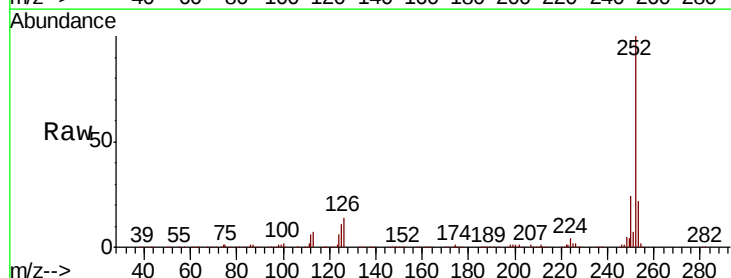
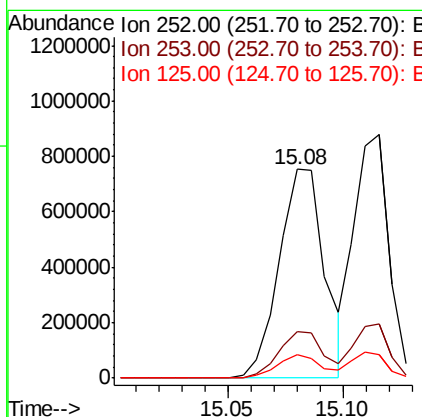
Manual Integrations
APPROVED

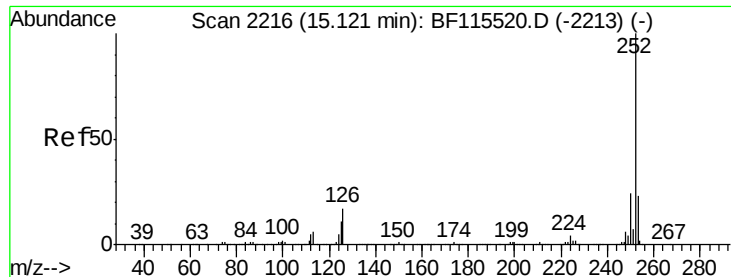
mohammad
7/17/2019 12:05:30 PM



#88
Benzo(b)fluoranthene
Concen: 48.125 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	11.3	9.0	13.4





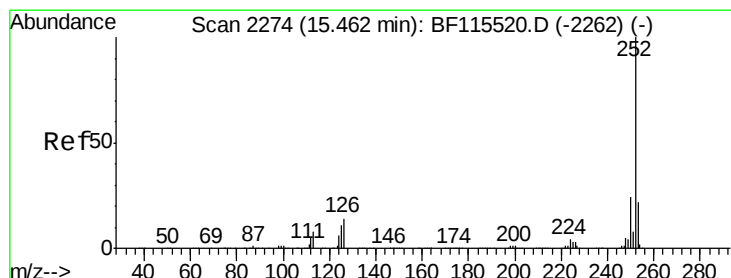
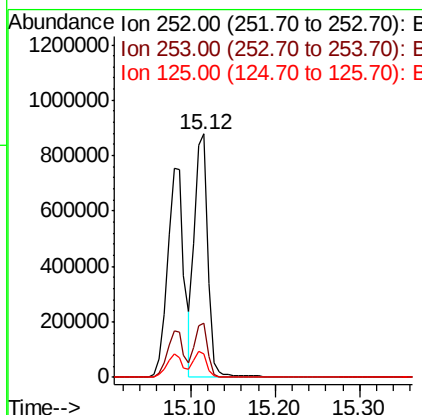
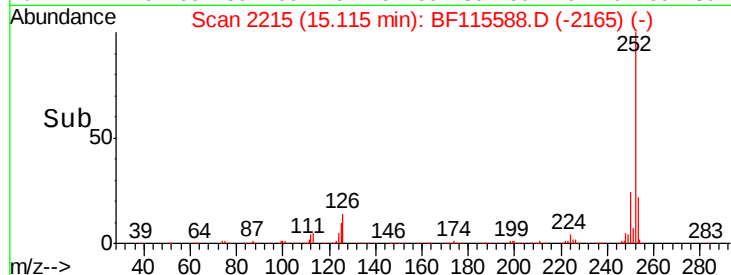
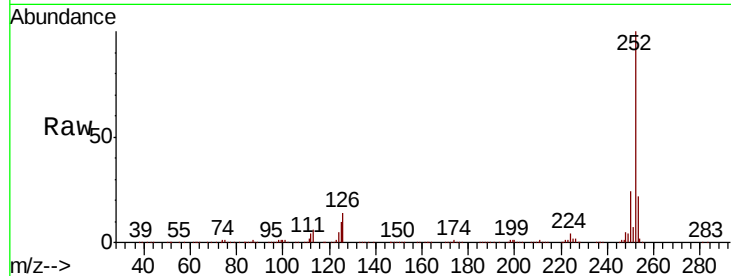
#89
Benzo(k)fluoranthene
Concen: 49.339 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.6	28.0
125	9.8	9.0	13.6

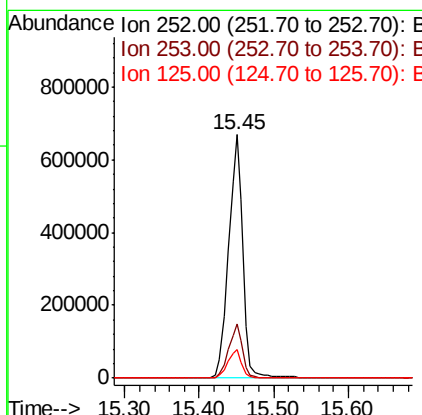
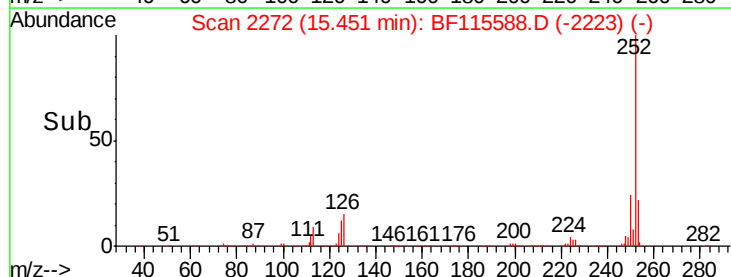
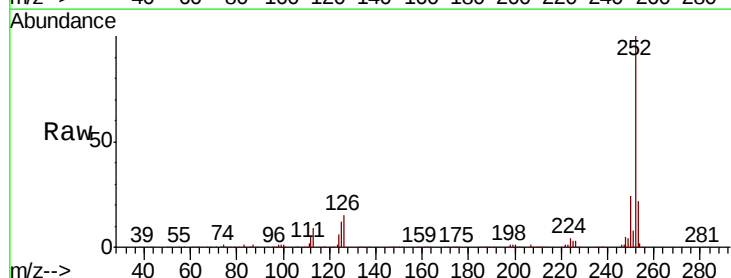
Manual Integrations
APPROVED

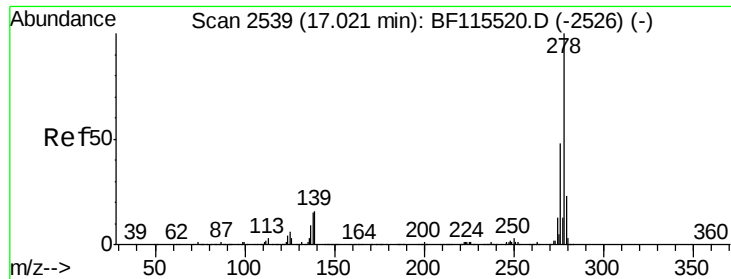
mohammad
7/17/2019 12:05:30 PM



#90
Benzo(a)pyrene
Concen: 48.401 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	11.7	9.1	13.7





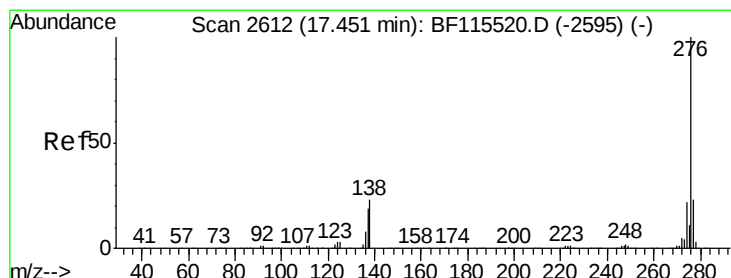
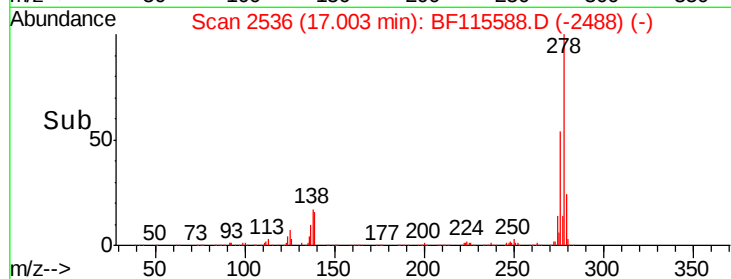
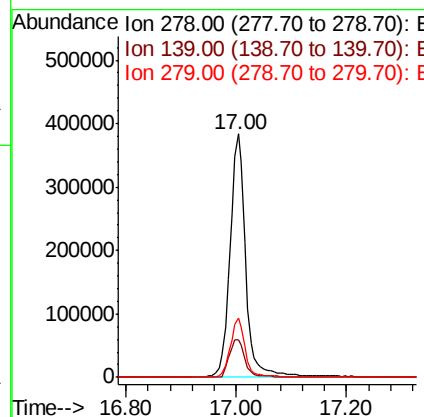
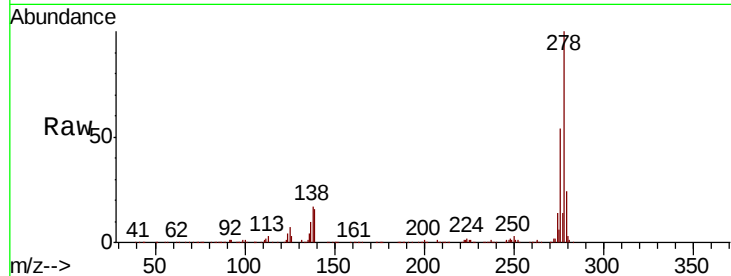
#91
Dibenzo(a,h)anthracene
Concen: 47.697 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Instrument :
BNA_F
ClientSampleId :
PB121214BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.1	19.7
279	24.1	19.6	29.4

Manual Integrations
APPROVED

mohammad
7/17/2019 12:05:30 PM



#92
Benzo(g,h,i)perylene
Concen: 46.208 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.02 min
Lab File: BF115588.D
Acq: 16 Jul 2019 10:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	21.3	17.2	25.8

