

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
 Data File : BF115644.D
 Acq On : 18 Jul 2019 13:12
 Operator : HP/JU
 Sample : PB121483BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121483BS

Manual Integrations
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Quant Time: Jul 18 17:05:49 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	6.89	152	201827	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	867493	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	439811	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	817716	20.00	ng	0.00
76) Chrysene-d12	14.04	240	501701	20.00	ng	0.00
87) Perylene-d12	15.51	264	352754	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1308011	106.01	ng	0.02
7) Phenol-d6	6.52	99	1649038	105.33	ng	0.00
23) Nitrobenzene-d5	7.45	82	1065371	71.41	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	494562	96.34	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1855600	73.85	ng	0.00
79) Terphenyl-d14	12.99	244	1954957	71.90	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	189005	30.708	ng	98
3) Pyridine	3.53	79	482705	28.907	ng	98
4) n-Nitrosodimethylamine	3.48	42	219129	36.172	ng	98
6) Aniline	6.55	93	500327	22.963	ng	100
8) 2-Chlorophenol	6.67	128	522093	36.803	ng	98
9) Benzaldehyde	6.43	77	49816	5.092	ng	98
10) Phenol	6.53	94	633043	34.830	ng	88
11) bis(2-Chloroethyl)ether	6.62	93	492634	35.601	ng	98
12) 1,3-Dichlorobenzene	6.83	146	535799	33.593	ng	100
13) 1,4-Dichlorobenzene	6.90	146	537878	33.799	ng	97
14) 1,2-Dichlorobenzene	7.06	146	503010	34.577	ng	97
15) Benzyl Alcohol	7.03	79	456757	36.776	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	671046	36.835	ng	98
17) 2-Methylphenol	7.14	107	458831	37.531	ng	98
18) Hexachloroethane	7.40	117	202841	34.340	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	373097	36.539	ng	98
20) 3+4-Methylphenols	7.29	107	535981	36.909	ng	95
22) Acetophenone	7.29	105	720937	36.786	ng	# 99
24) Nitrobenzene	7.46	77	590030	36.667	ng	96
25) Isophorone	7.70	82	1101709	36.904	ng	99
26) 2-Nitrophenol	7.78	139	301614	36.415	ng	98
27) 2,4-Dimethylphenol	7.82	122	518714	41.856	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	663309	36.218	ng	99
29) 2,4-Dichlorophenol	8.02	162	487963	37.861	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	518187	35.569	ng	98
31) Naphthalene	8.19	128	1526308	36.330	ng	98
32) Benzoic acid	7.95	122	374204	36.794	ng	98
33) 4-Chloroaniline	8.23	127	416151	22.362	ng	97
34) Hexachlorobutadiene	8.31	225	292928	35.062	ng	99
35) Caprolactam	8.61	113	150208m	37.715	ng	
36) 4-Chloro-3-methylphenol	8.72	107	511044	38.226	ng	99
37) 2-Methylnaphthalene	8.88	142	1060270	38.072	ng	98
38) 1-Methylnaphthalene	8.98	142	990203	37.434	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	487240	36.789	ng	98

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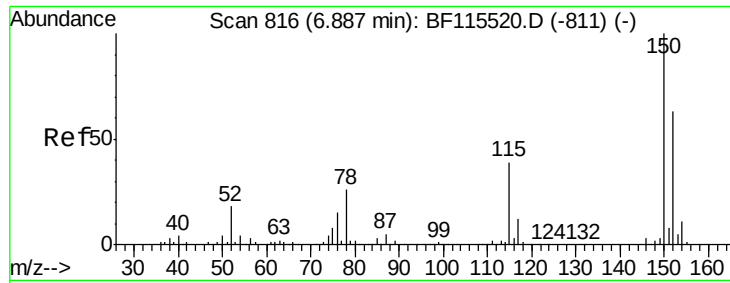
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Quant Time: Jul 18 17:05:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	361653	47.869	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	331493	34.226	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	347665	35.051	ng	99
46) 1,1'-Biphenyl	9.35	154	1221467	35.524	ng	98
47) 2-Chloronaphthalene	9.37	162	967652	33.799	ng	98
48) 2-Nitroaniline	9.46	65	292697	33.031	ng	99
49) Acenaphthylene	9.79	152	1458778	34.387	ng	98
50) Dimethylphthalate	9.65	163	1198272	36.212	ng	98
51) 2,6-Dinitrotoluene	9.70	165	277666	36.924	ng	96
52) Acenaphthene	9.96	154	1076300	39.297	ng	99
53) 3-Nitroaniline	9.87	138	202231	23.533	ng	96
54) 2,4-Dinitrophenol	9.98	184	269168	69.717	ng	96
55) Dibenzofuran	10.13	168	1335522	34.336	ng	100
56) 4-Nitrophenol	10.03	139	418761	63.904	ng	97
57) 2,4-Dinitrotoluene	10.10	165	351986	36.129	ng	99
58) Fluorene	10.47	166	975712	35.090	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.25	232	301034	36.306	ng	98
60) Diethylphthalate	10.34	149	1108410	35.751	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	502547	32.591	ng	94
62) 4-Nitroaniline	10.49	138	244748	29.692	ng	98
63) Azobenzene	10.62	77	1142945	38.006	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	179191	35.867	ng	98
66) n-Nitrosodiphenylamine	10.57	169	930407	36.578	ng	100
67) 4-Bromophenyl-phenylether	10.95	248	337550	36.123	ng	94
68) Hexachlorobenzene	11.02	284	364453	34.152	ng	# 94
69) Atrazine	11.10	200	265679	31.839	ng	99
70) Pentachlorophenol	11.22	266	405045	62.058	ng	99
71) Phenanthrene	11.43	178	1491239	35.577	ng	97
72) Anthracene	11.48	178	1564629	36.120	ng	100
73) Carbazole	11.63	167	1310026	34.487	ng	99
74) Di-n-butylphthalate	11.96	149	1670992	35.712	ng	99
75) Fluoranthene	12.62	202	1566124	35.358	ng	97
77) Benzidine	12.73	184	288019	16.206	ng	99
78) Pyrene	12.85	202	1598343	37.603	ng	99
80) Butylbenzylphthalate	13.46	149	714260	39.418	ng	98
81) Benzo(a)anthracene	14.03	228	1180572	35.718	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	359078	30.560	ng	97
83) Chrysene	14.07	228	1192236	35.933	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	906785	40.400	ng	98
85) Di-n-octyl phthalate	14.63	149	1554147	43.519	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1047357	37.155	ng	99
88) Benzo(b)fluoranthene	15.09	252	1115896	49.127	ng	99
89) Benzo(k)fluoranthene	15.12	252	1010360	49.891	ng	98
90) Benzo(a)pyrene	15.45	252	916638	46.952	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	875372	51.074	ng	99
92) Benzo(g,h,i)perylene	17.43	276	853893	49.955	ng	99

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



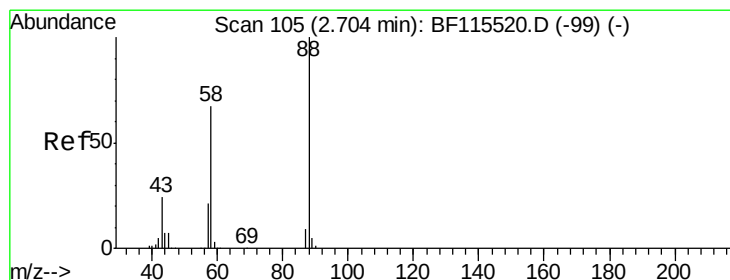
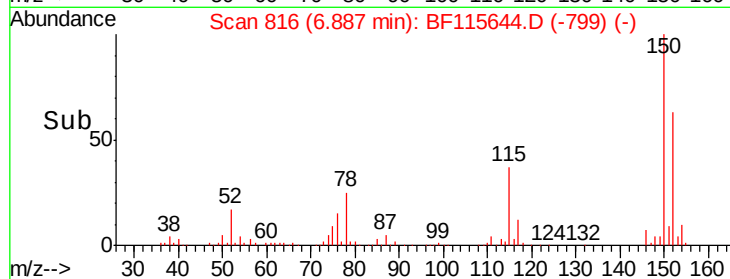
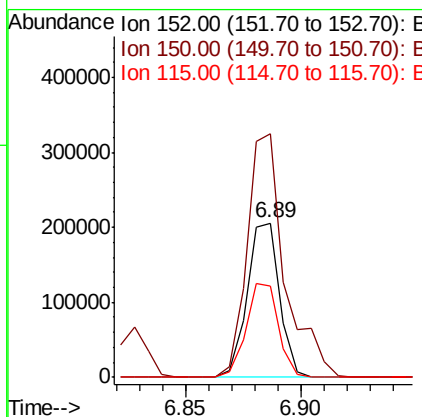
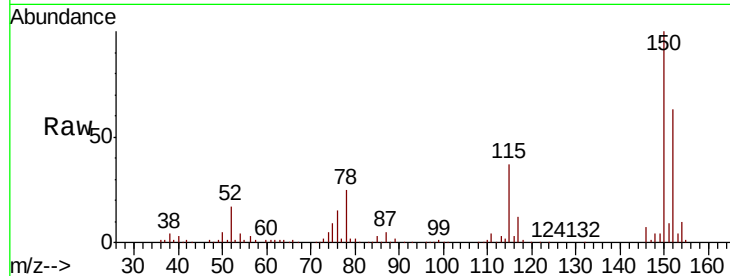
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB121483BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	129.7	194.5
115	58.7	48.2	72.4

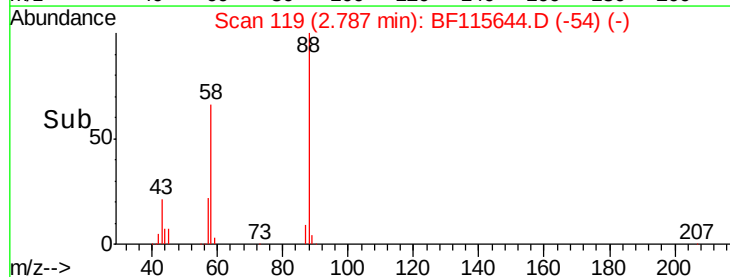
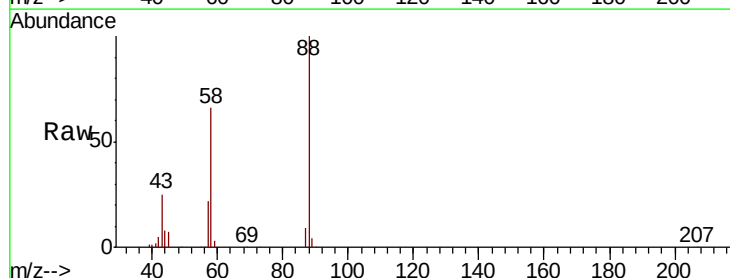
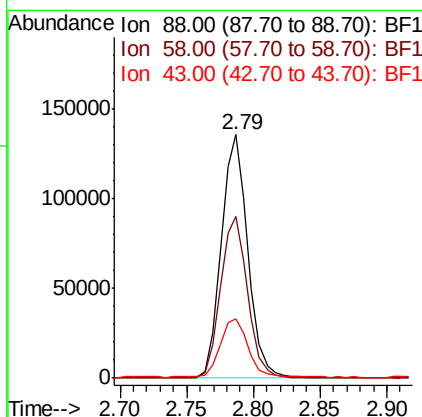
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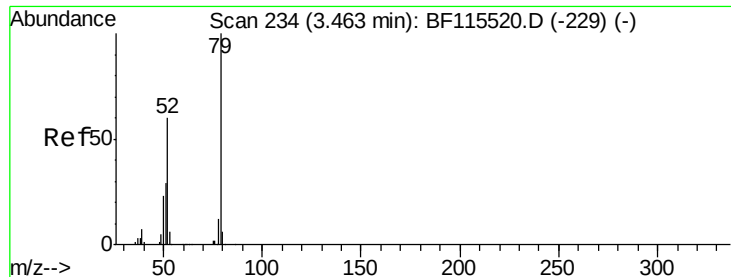
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#2
 1,4-Dioxane
 Concen: 30.708 ng
 RT: 2.79 min Scan# 119
 Delta R.T. 0.08 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.7	52.6	79.0
43	25.2	19.1	28.7





#3

Pvridine

Concen: 28.907 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.07 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

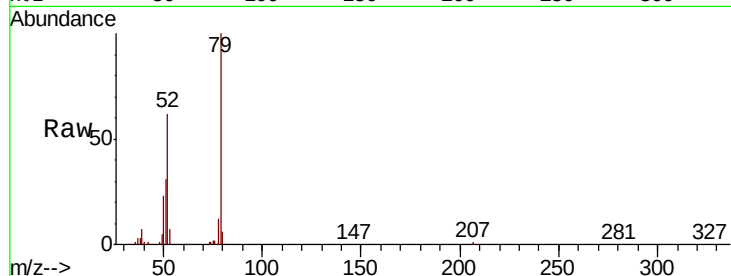
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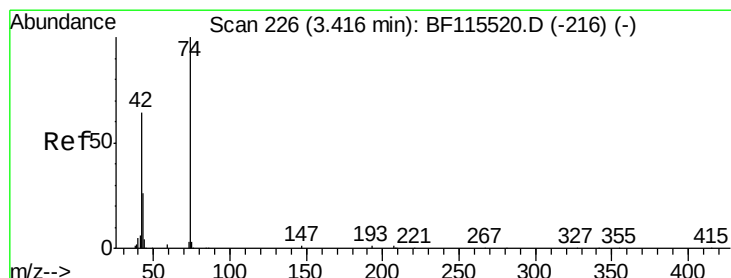
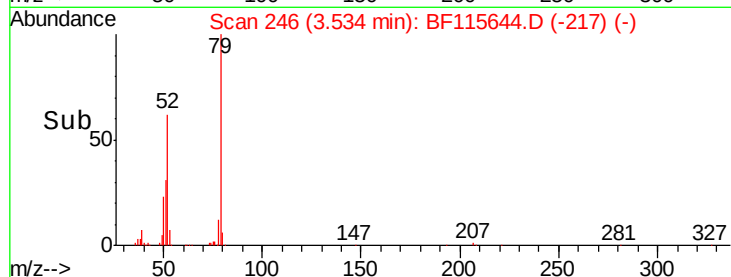
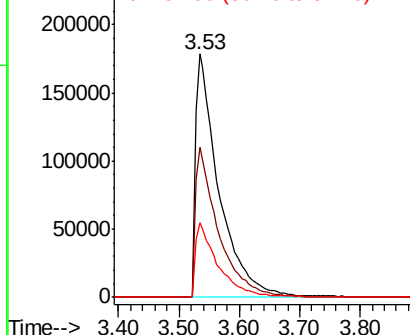
Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		482705		
52	61.5		47.8	71.6	
51	30.6		23.8	35.8	

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.172 ng

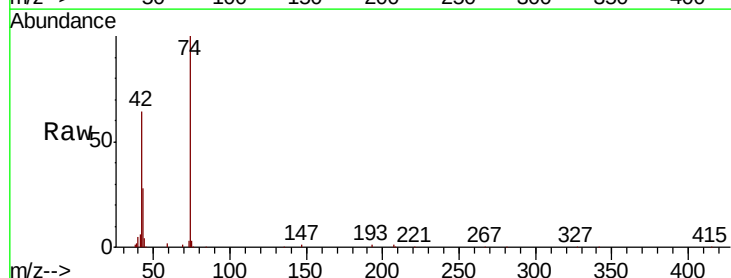
RT: 3.48 min Scan# 236

Delta R.T. 0.06 min

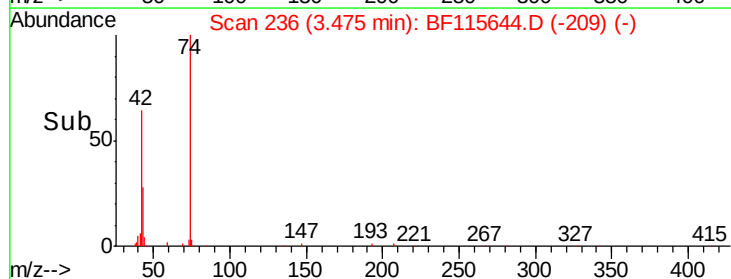
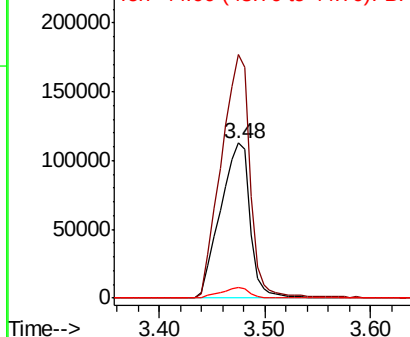
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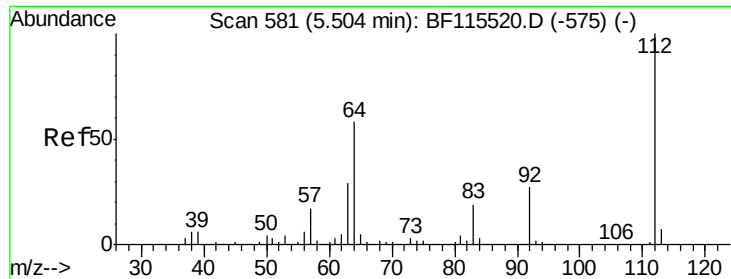
Acq: 18 Jul 2019 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		219129		
74	156.8		127.5	191.3	
44	6.5		5.0	7.6	



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 106.008 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

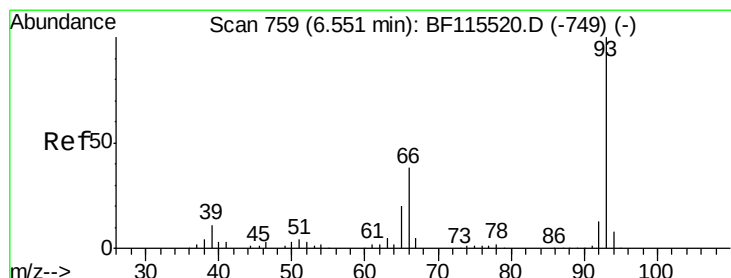
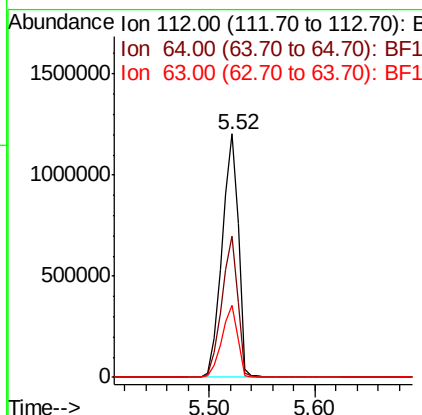
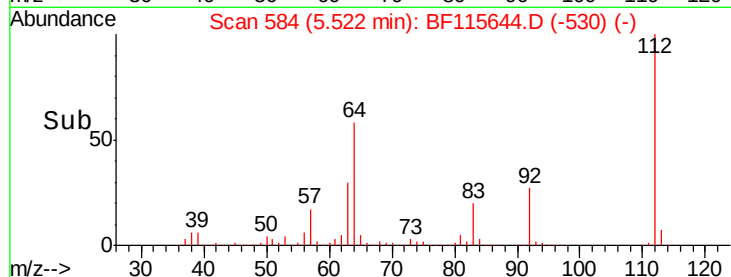
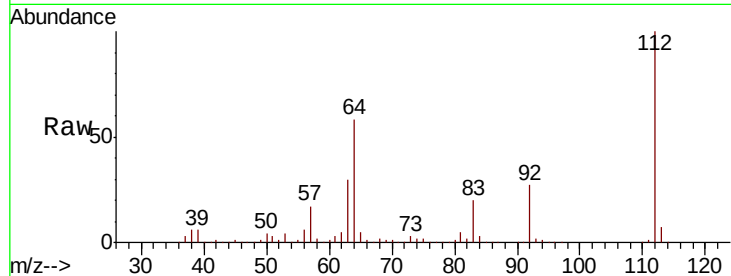
ClientSampleId :

PB121483BS

Tot Ion:	112	Resp:	1308011
Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.8	70.2
63	29.8	24.1	36.1

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#6

Aniline

Concen: 22.963 ng

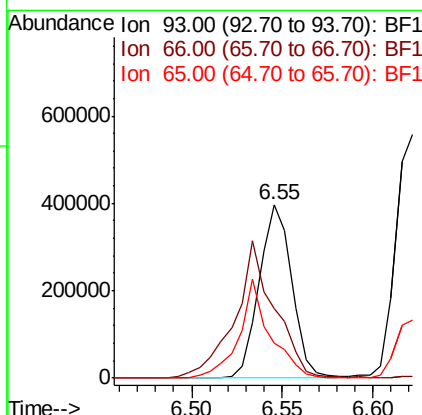
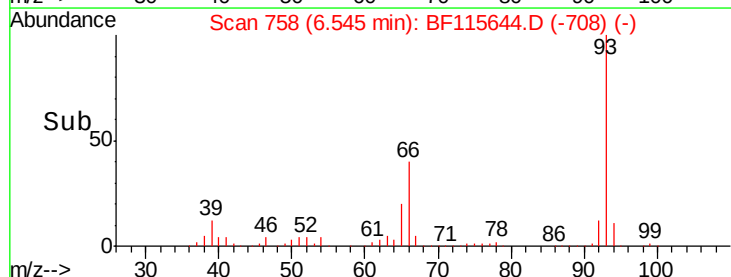
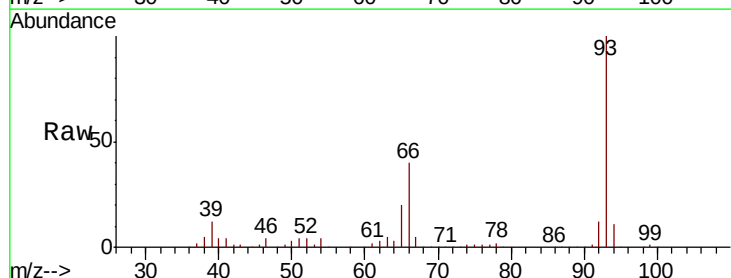
RT: 6.55 min Scan# 758

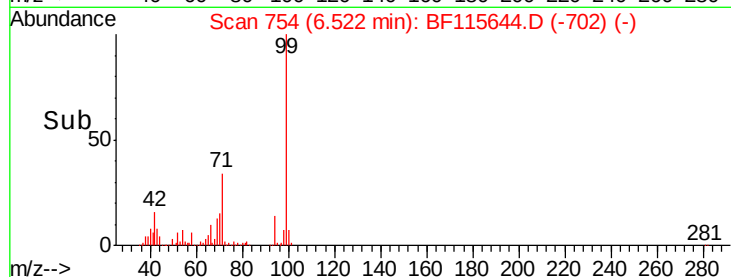
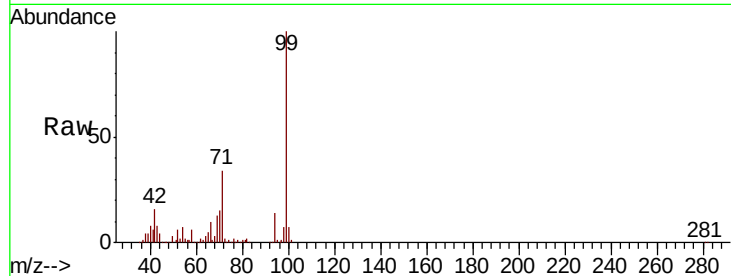
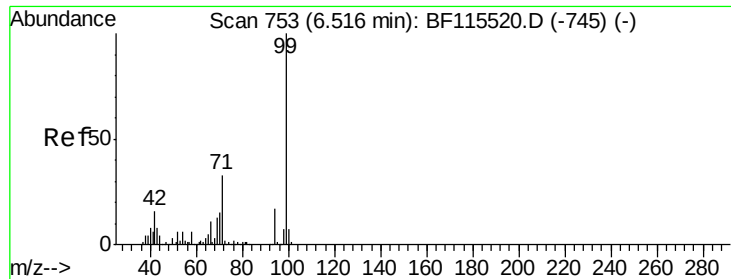
Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Tgt Ion:	93	Resp:	500327
Ion	Ratio	Lower	Upper
93	100		
66	39.8	31.7	47.5
65	20.4	16.2	24.2





#7

Phenol-d6

Concen: 105.326 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Tot Ion: 99 Resp: 1649038

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

71 33.8 28.5 42.7

Instrument :

BNA_F

ClientSampleId :

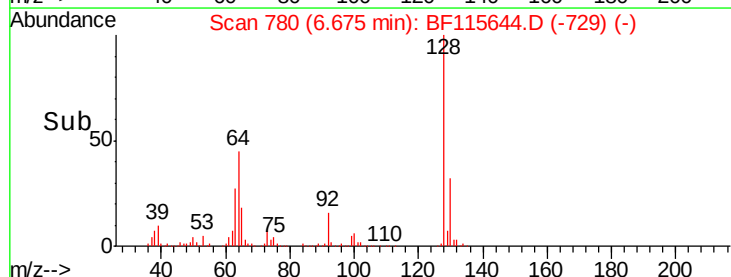
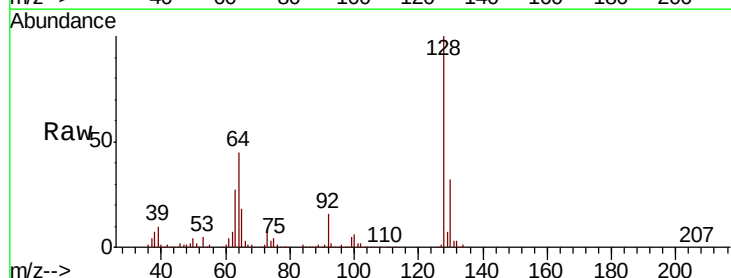
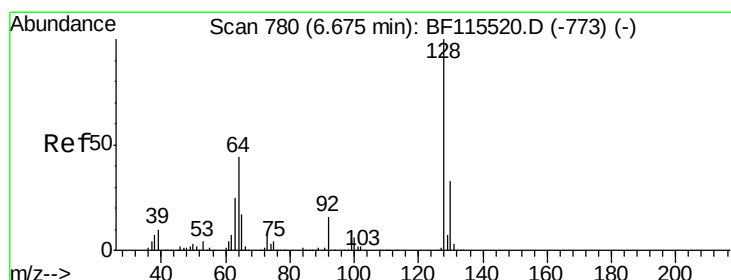
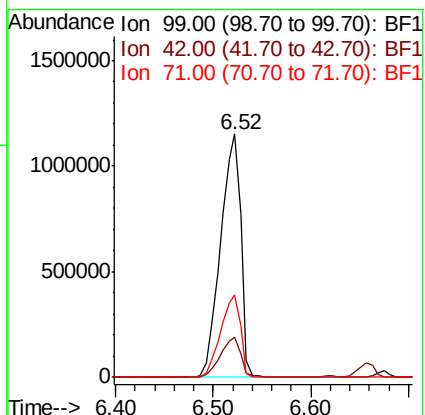
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#8

2-Chlorophenol

Concen: 36.803 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

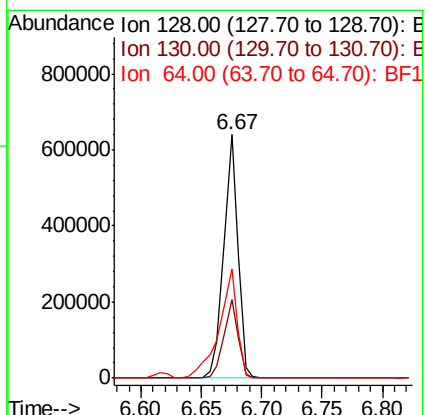
Tgt Ion:128 Resp: 522093

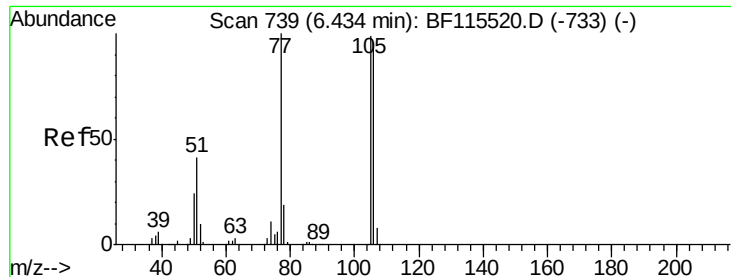
Ion Ratio Lower Upper

128 100

130 32.2 12.8 52.8

64 44.6 26.8 66.8





#9

Benzaldehyde

Concen: 5.092 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

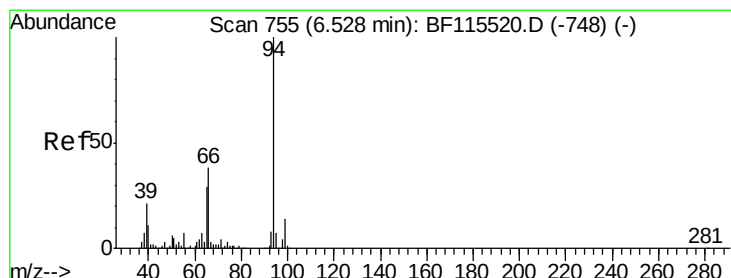
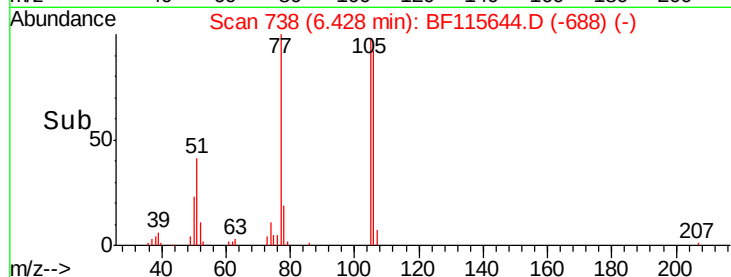
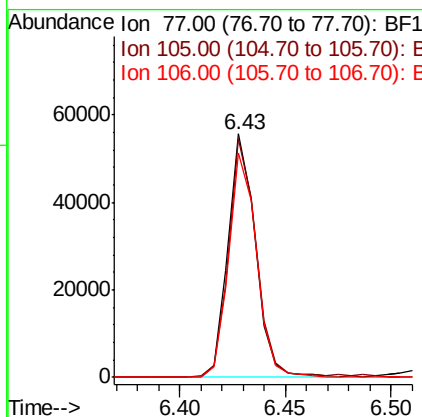
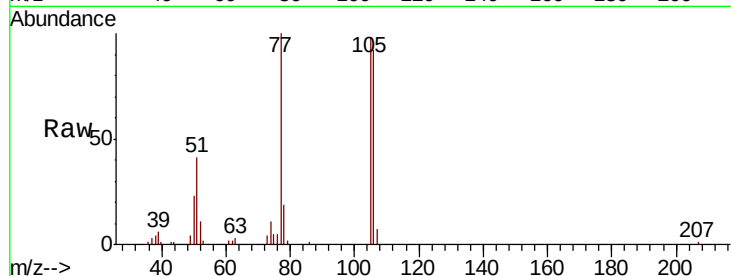
ClientSampleId :

PB121483BS

Tot Ion:	77	Resp:	49816
Ion	Ratio	Lower	Upper
77	100		
105	98.1	78.8	118.8
106	91.9	75.6	115.6

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#10

Phenol

Concen: 34.830 ng

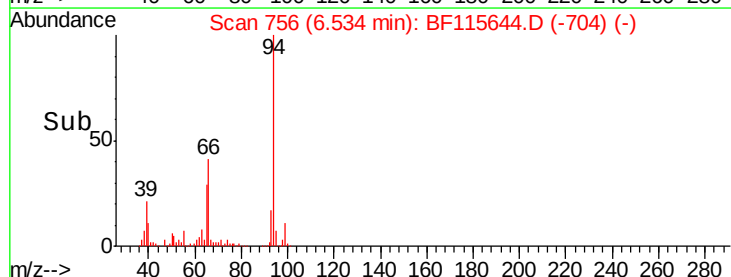
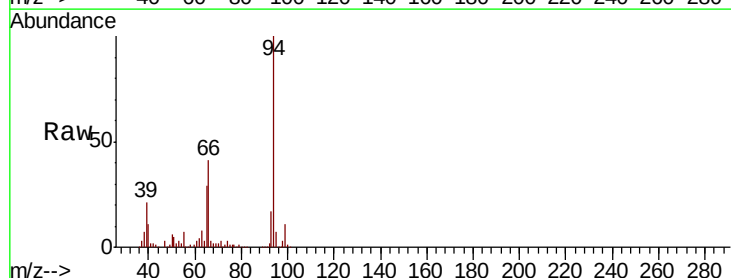
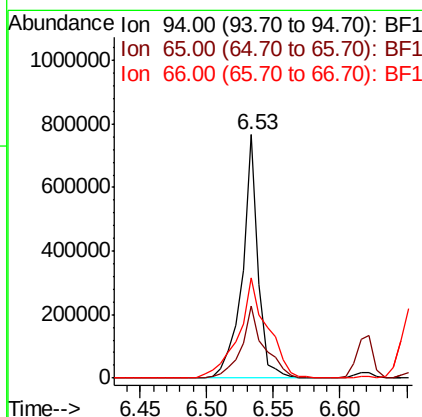
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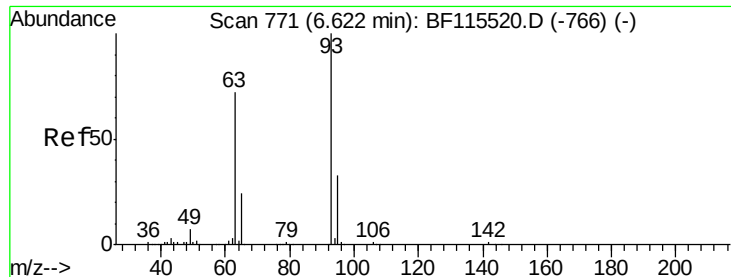
Delta R.T. 0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Tgt Ion:	94	Resp:	633043
Ion	Ratio	Lower	Upper
94	100		
65	29.5	14.5	54.5
66	41.1	31.3	71.3





#11

bis(2-Chloroethyl)ether

Concen: 35.601 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

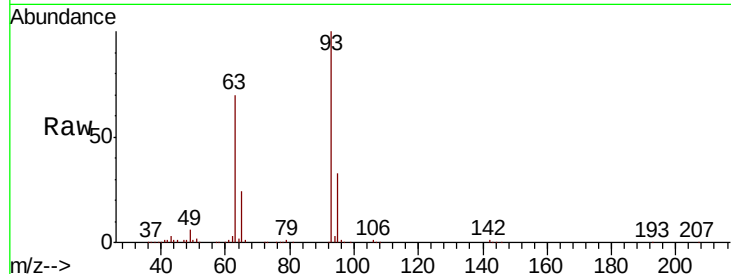
ClientSampleId :

PB121483BS

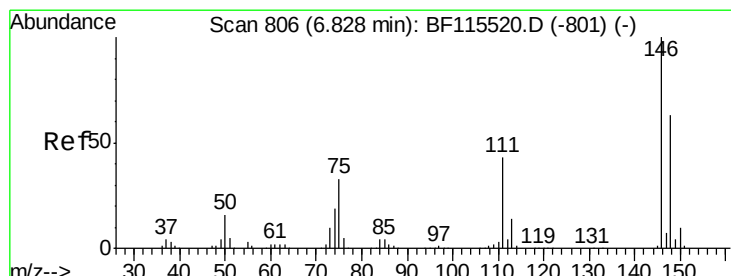
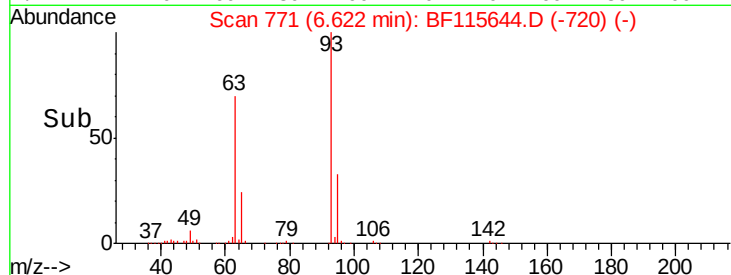
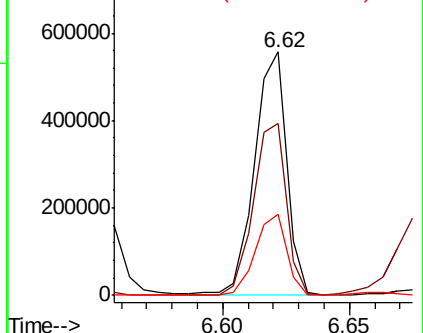
Tot Ion:	93	Resp:	492634
Ion	Ratio	Lower	Upper
93	100		
63	70.4	52.2	92.2
95	33.1	12.9	52.9

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Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 33.593 ng

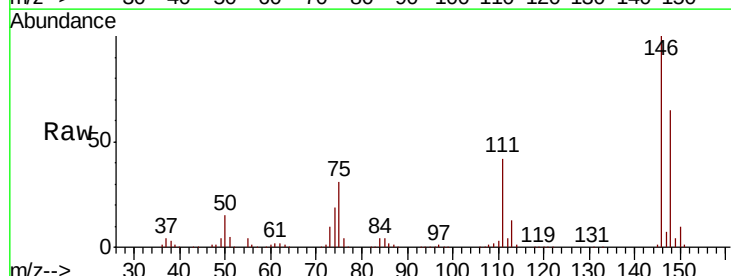
RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

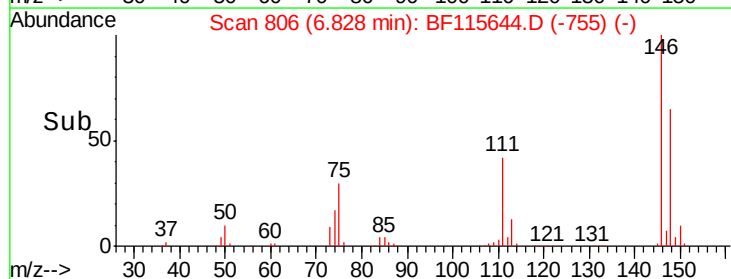
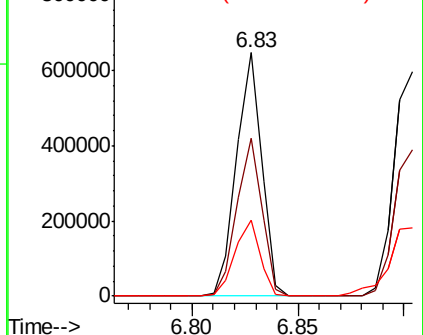
Lab File: BF115644.D

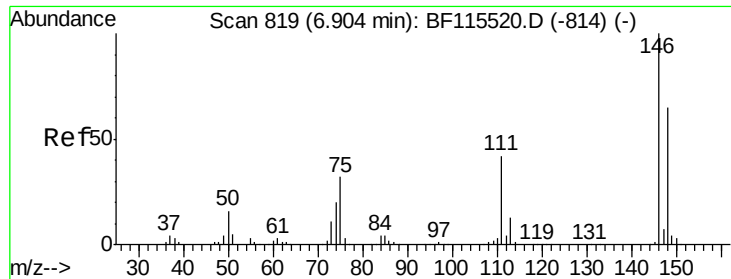
Acq: 18 Jul 2019 13:12

Tgt Ion:	146	Resp:	535799
Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.1	78.1
75	31.1	24.9	37.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





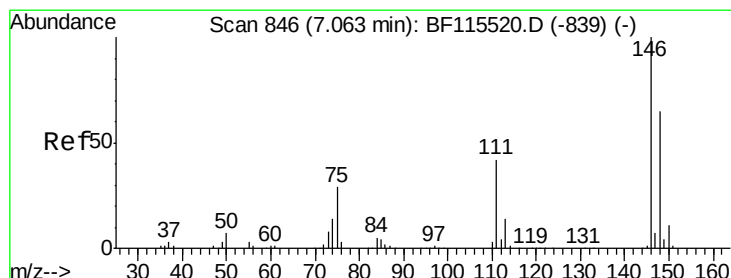
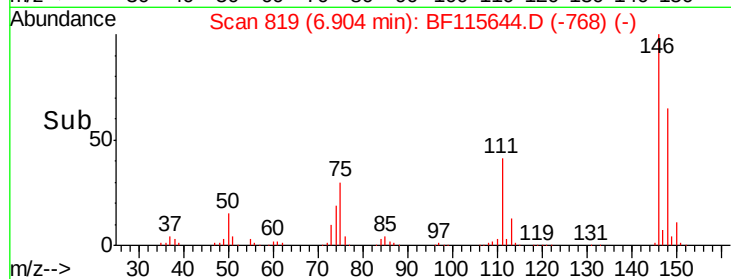
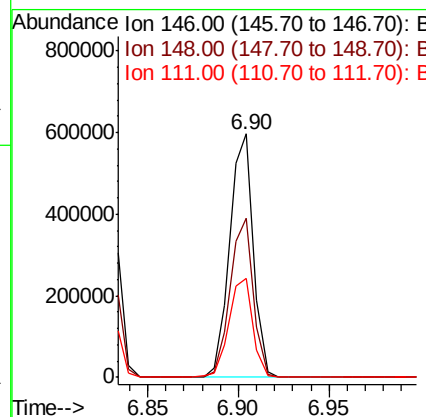
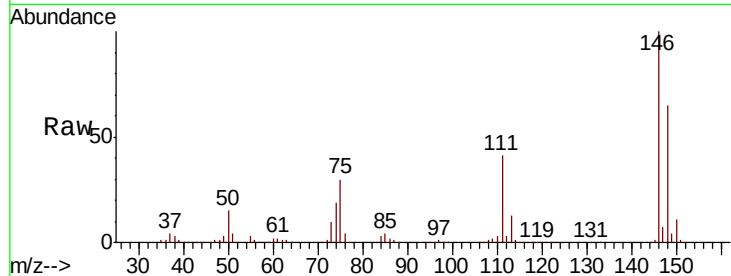
#13
1,4-Dichlorobenzene
Concen: 33.799 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB121483BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.6
111	40.5	35.5	53.3

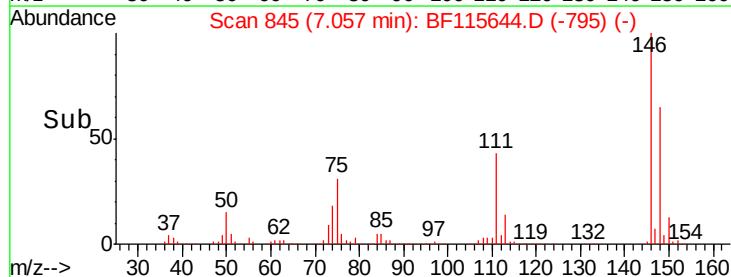
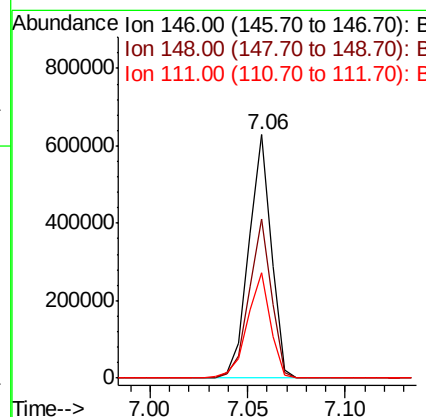
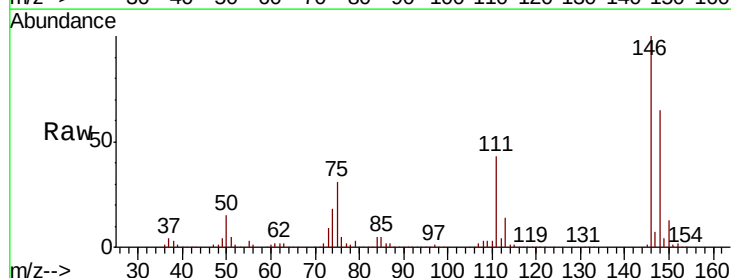
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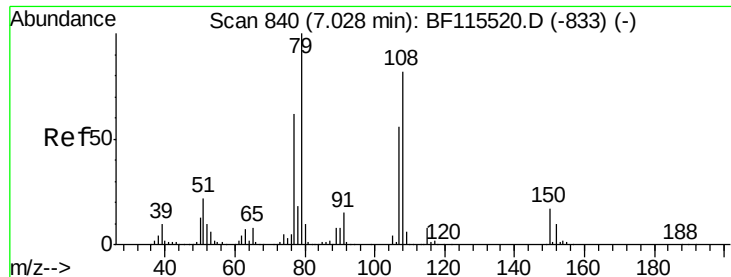
mohammad
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#14
1,2-Dichlorobenzene
Concen: 34.577 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.1	76.7
111	43.3	37.6	56.4





#15

Benzyl Alcohol

Concen: 36.776 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

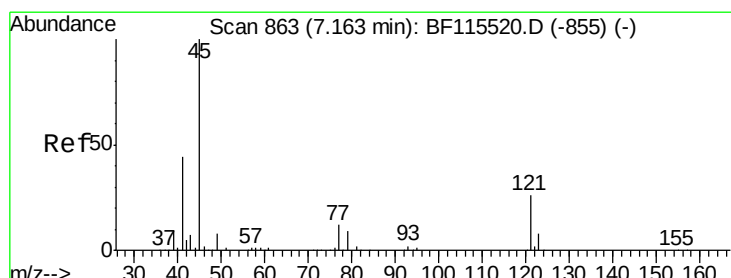
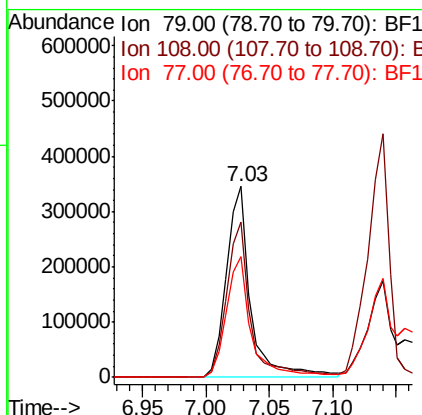
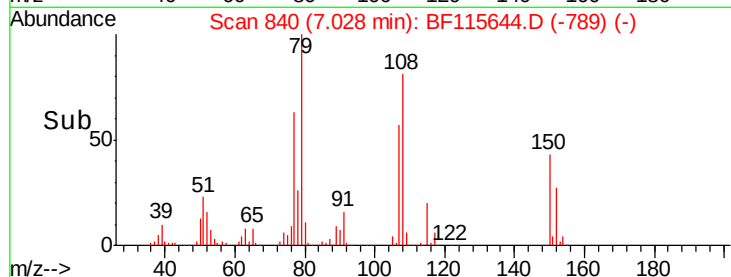
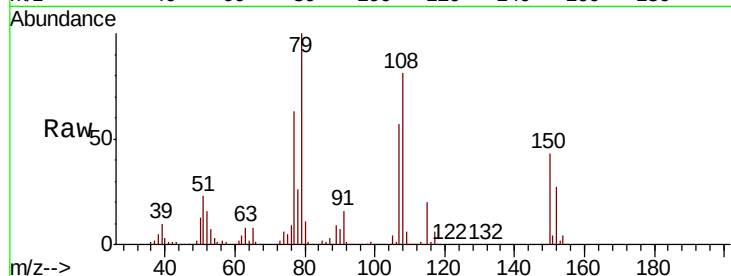
ClientSampleId :

PB121483BS

Tot Ion:	79	Resp:	456757
Ion	Ratio	Lower	Upper
79	100		
108	81.2	64.2	96.4
77	63.4	51.8	77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.835 ng

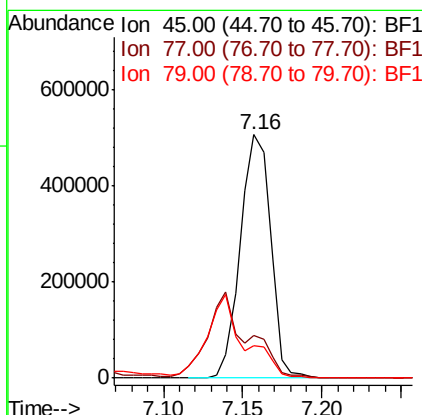
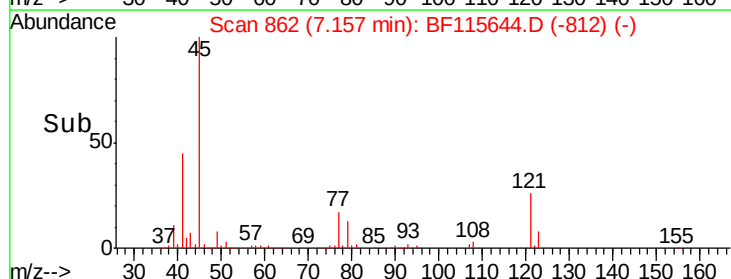
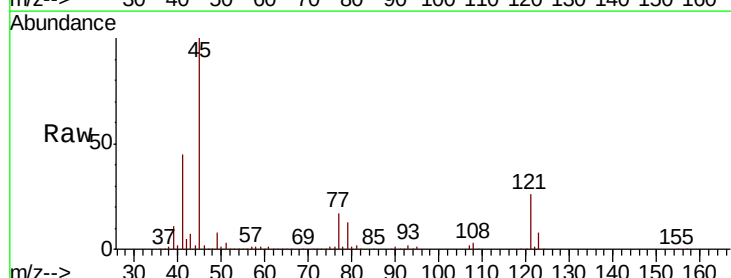
RT: 7.16 min Scan# 862

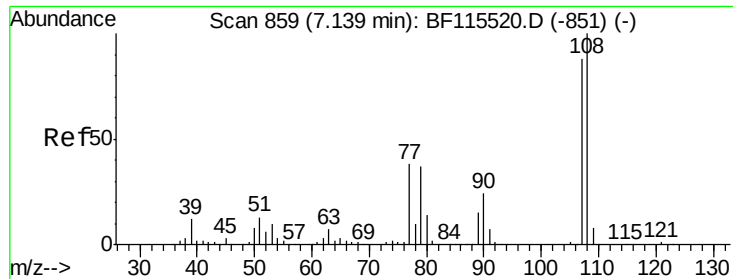
Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Tgt Ion:	45	Resp:	671046
Ion	Ratio	Lower	Upper
45	100		
77	17.4	0.0	38.1
79	13.3	0.0	34.1





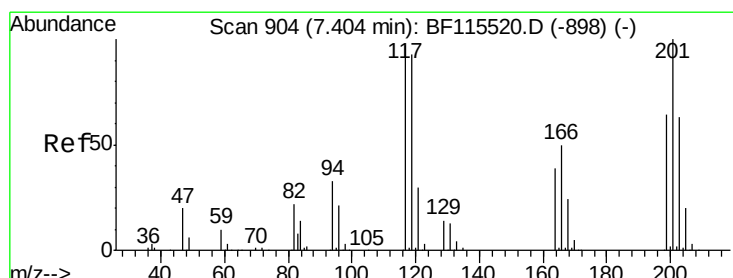
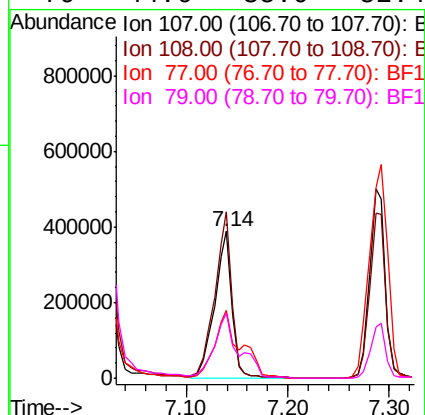
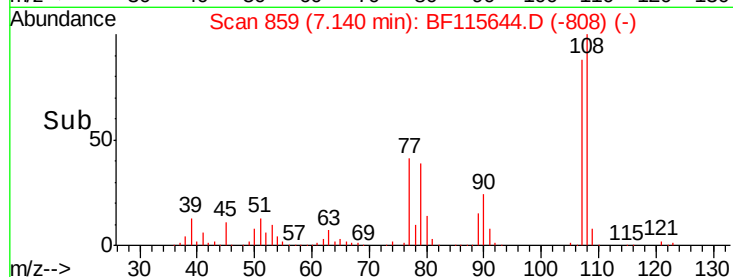
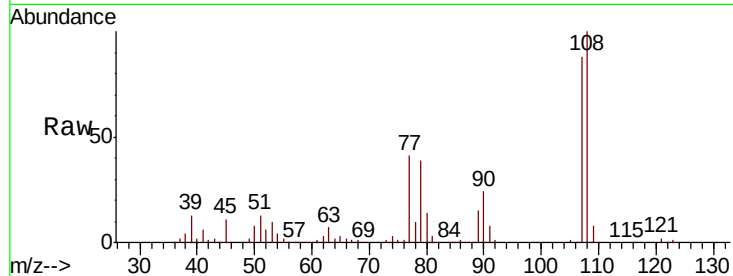
#17
2-Methylphenol
Concen: 37.531 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB121483BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	89.4	134.2	
77	46.1	35.7	53.5	
79	44.6	35.0	52.4	

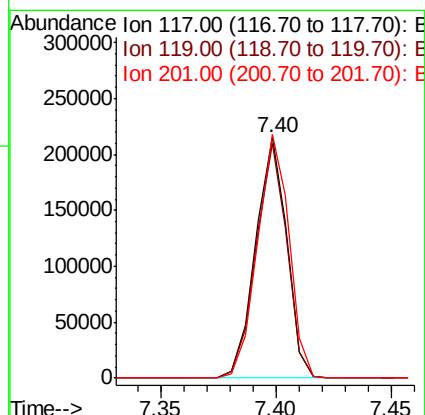
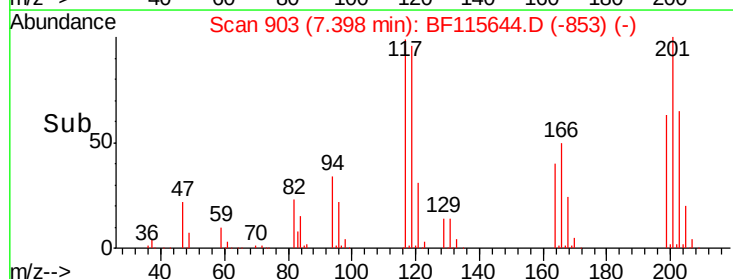
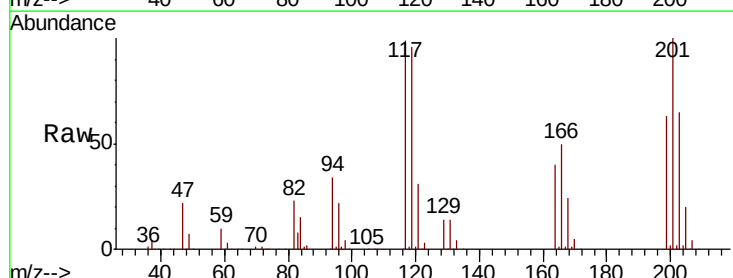
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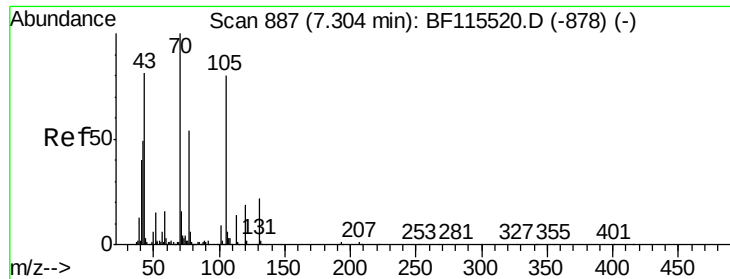
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#18
Hexachloroethane
Concen: 34.340 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	77.7	116.5	
201	101.0	86.0	129.0	





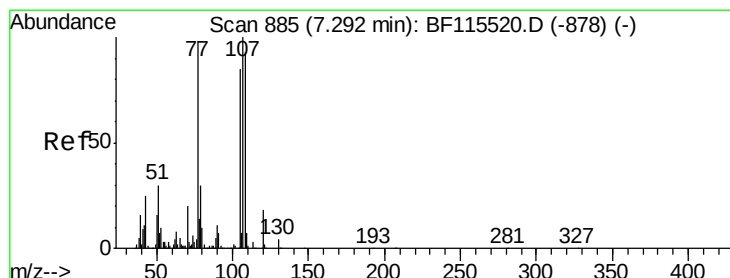
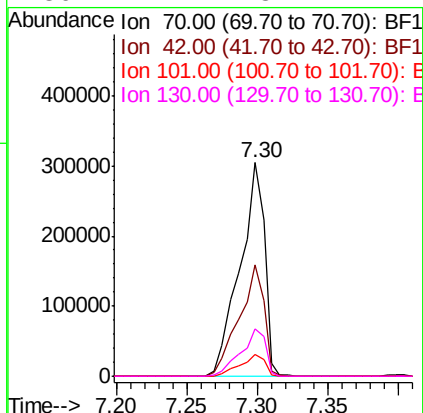
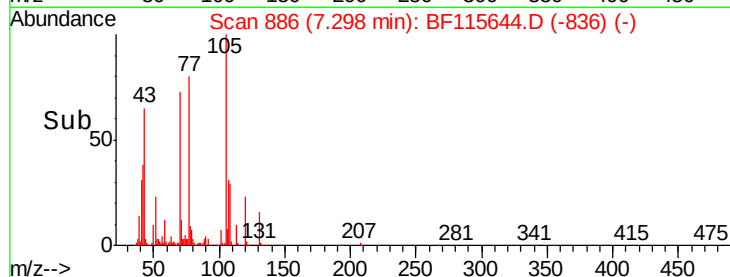
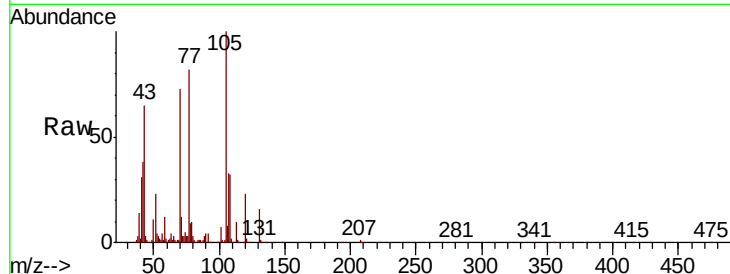
#19
n-Nitroso-di-n-propylamine
Concen: 36.539 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB121483BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.9	39.6	59.4	
101	9.9	8.1	12.1	
130	22.1	18.2	27.2	

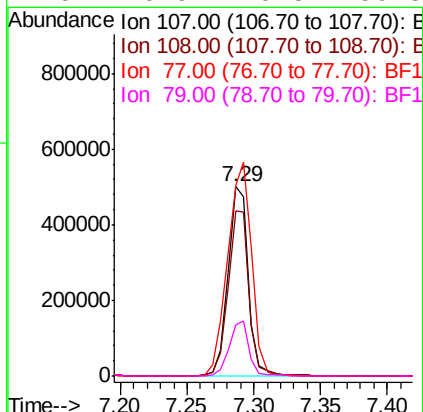
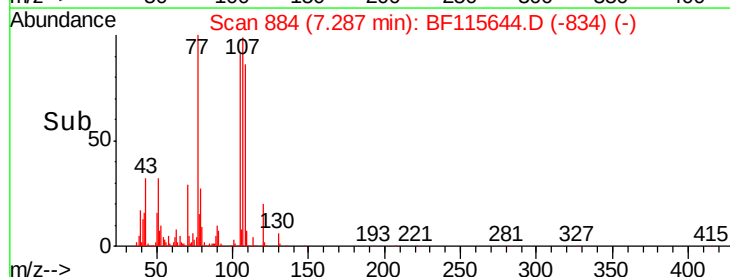
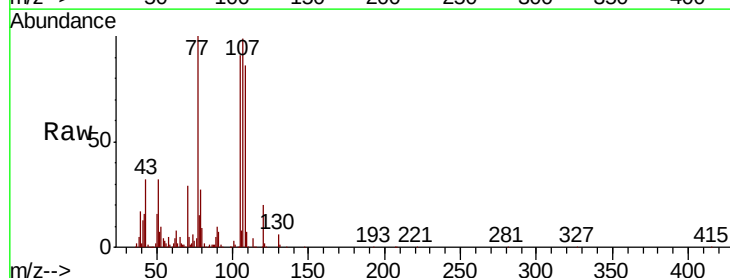
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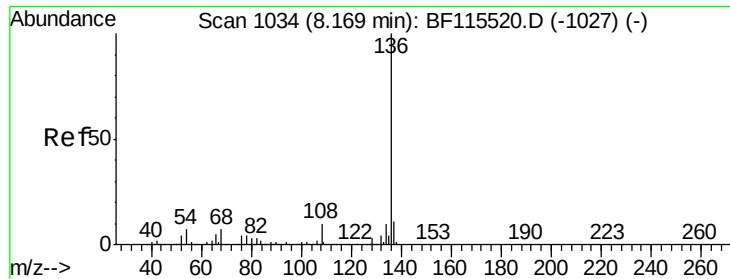
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#20
3+4-Methylphenols
Concen: 36.909 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.1	72.9	112.9	
77	101.2	77.6	117.6	
79	26.9	10.5	50.5	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

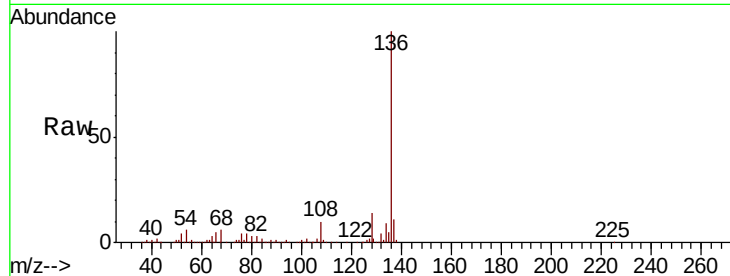
ClientSampleId :

PB121483BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	867493		
137	11.0		9.0	13.4
54	6.5		5.6	8.4
68	6.2		5.0	7.6

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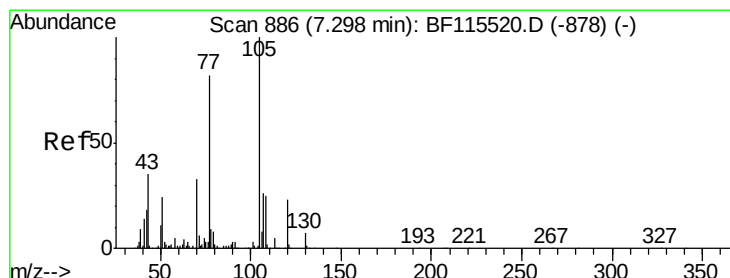
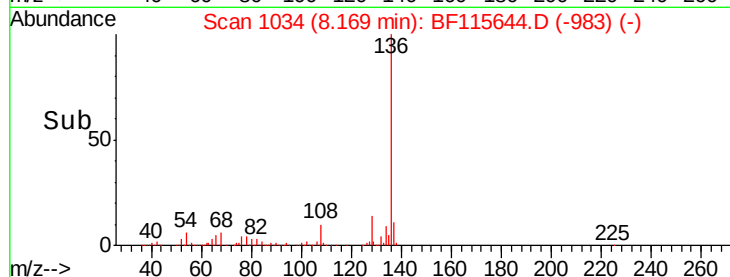
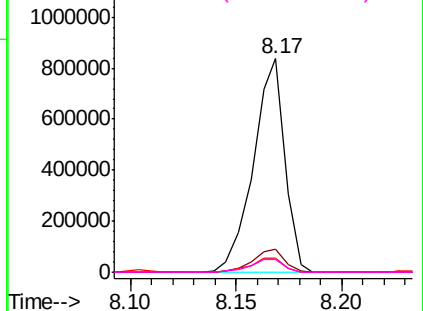
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.786 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	720937		
71	6.0		3.5	5.3#
51	31.7		25.6	38.4
120	21.9		17.9	26.9

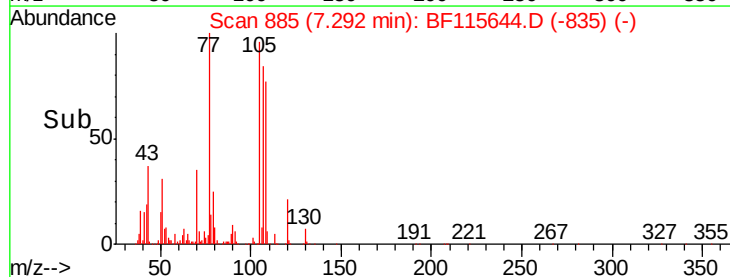
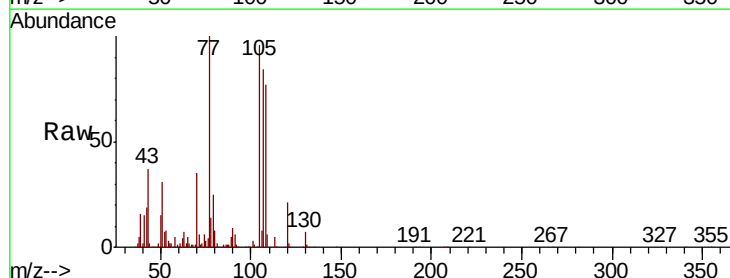
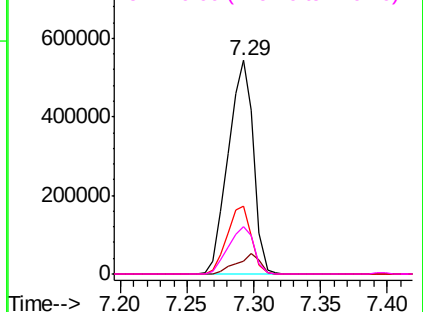
Abundance

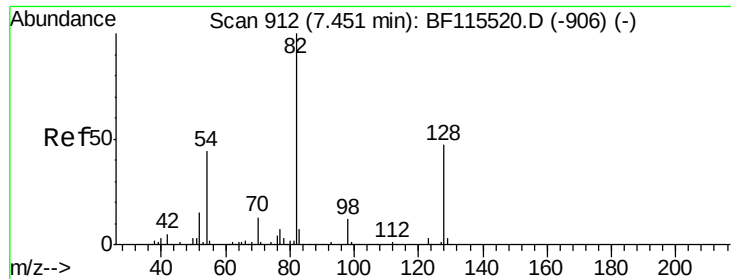
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





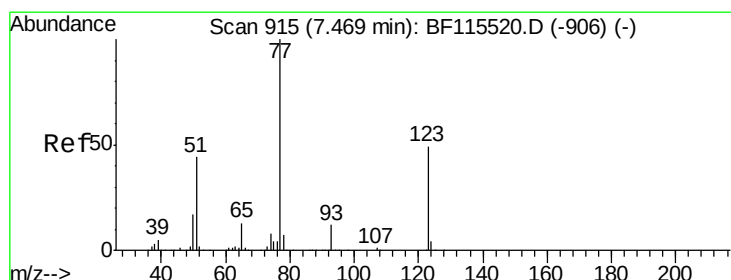
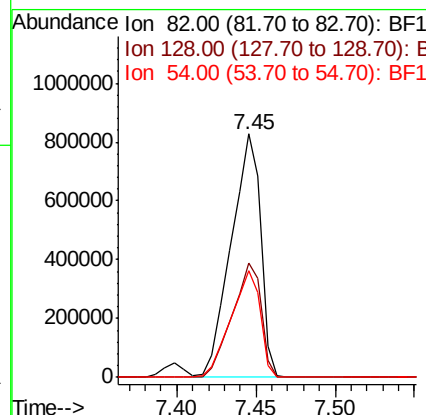
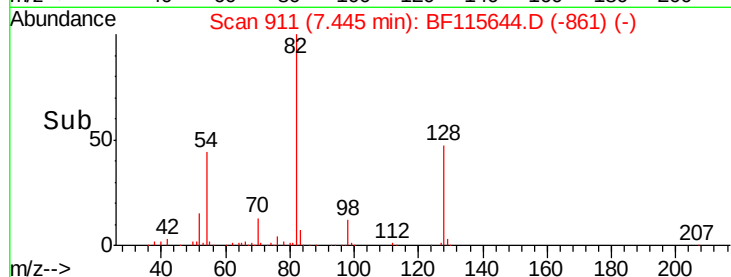
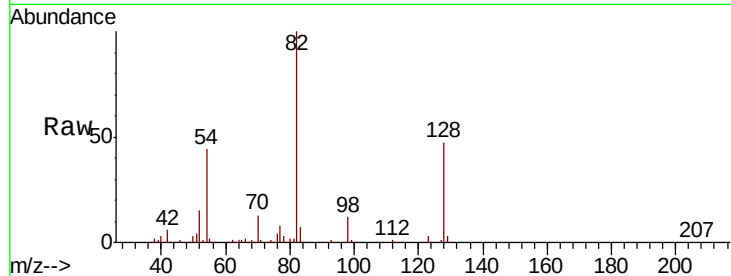
#23
 Nitrobenzene-d5
 Concen: 71.410 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Instrument :
 BNA_F
 ClientSampled :
 PB121483BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	38.6	57.8
54	43.9	35.6	53.4

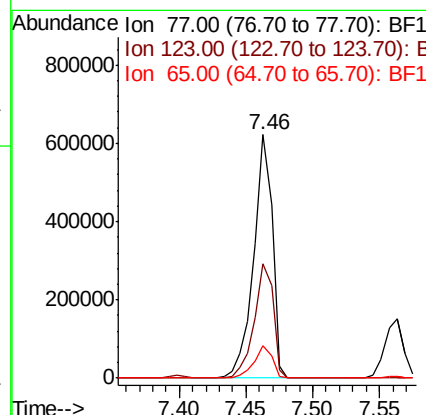
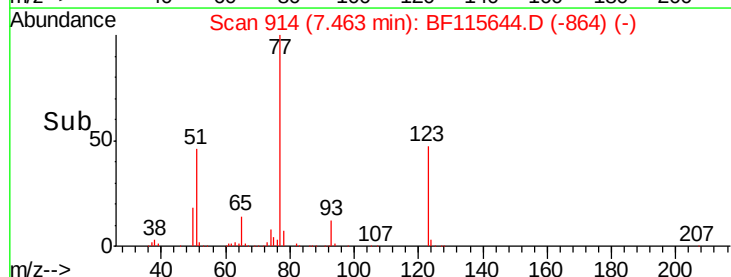
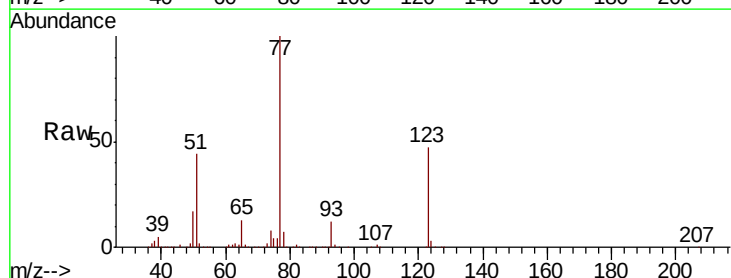
Manual Integrations
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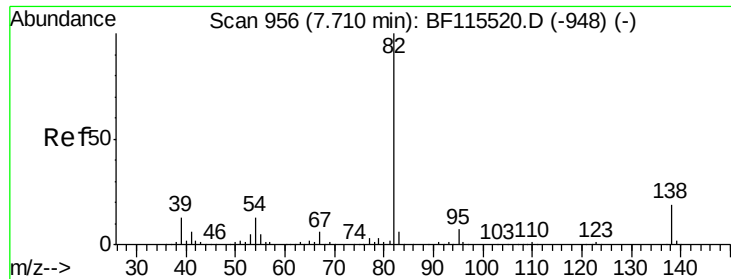
mohammad
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#24
 Nitrobenzene
 Concen: 36.667 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.7	40.0	60.0
65	13.1	11.0	16.4





#25

Isophorone

Concen: 36.904 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

ClientSampled :

PB121483BS

Tot Ion: 82 Resp: 1101709

Ion Ratio Lower Upper

82 100

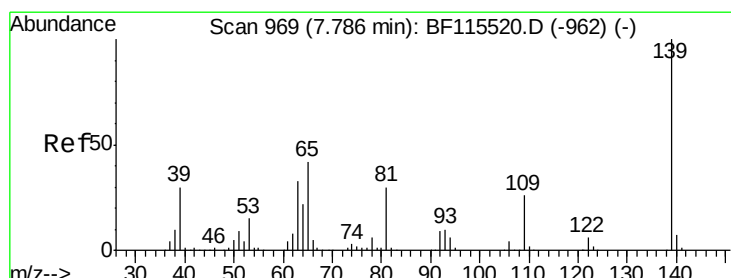
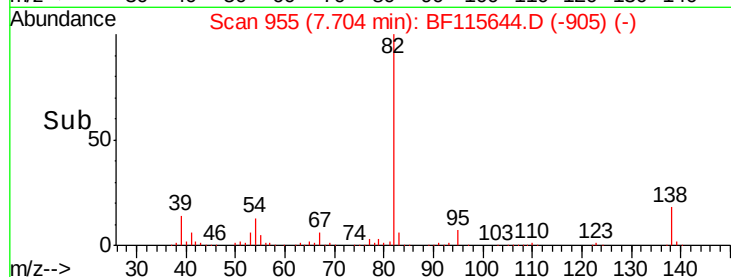
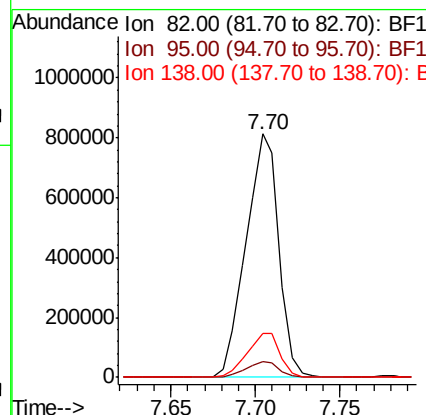
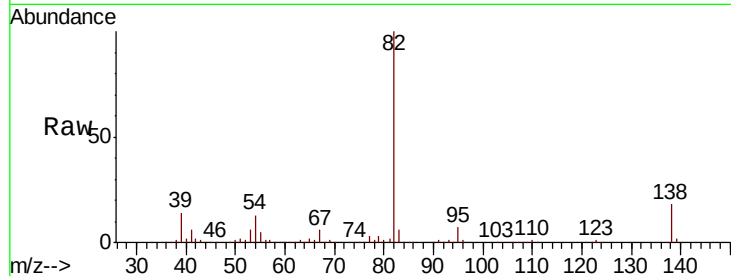
95 6.7 5.5 8.3

138 17.9 14.9 22.3

Manual Integrations
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mohammad

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#26

2-Nitrophenol

Concen: 36.415 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

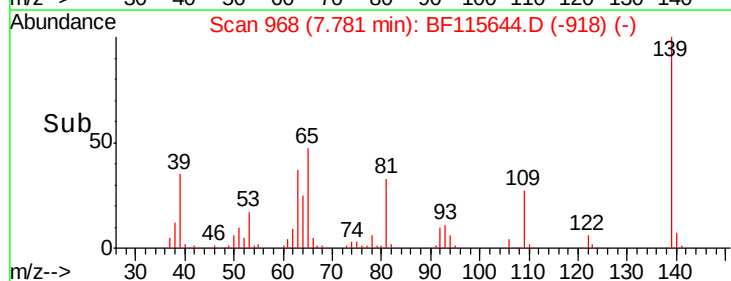
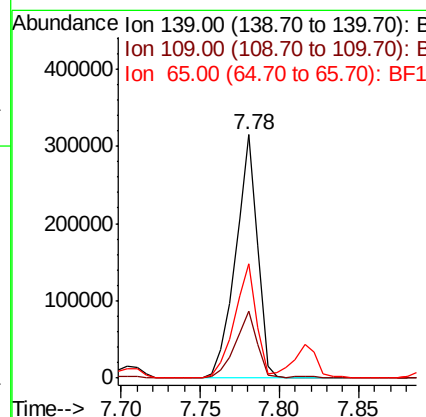
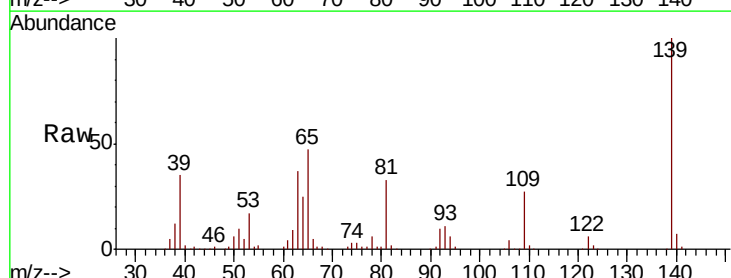
Tgt Ion: 139 Resp: 301614

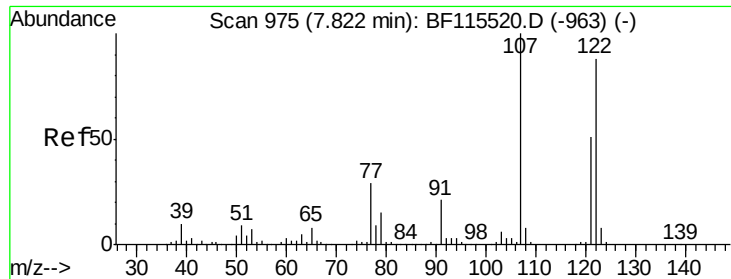
Ion Ratio Lower Upper

139 100

109 27.4 23.3 34.9

65 47.1 37.9 56.9





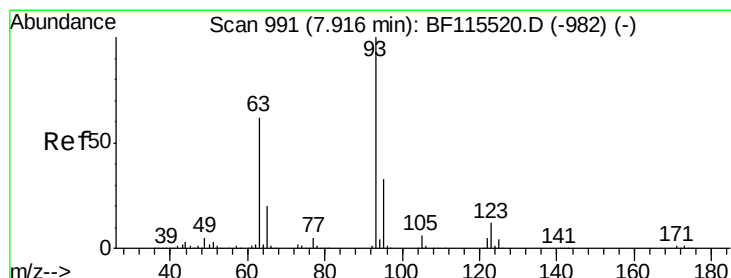
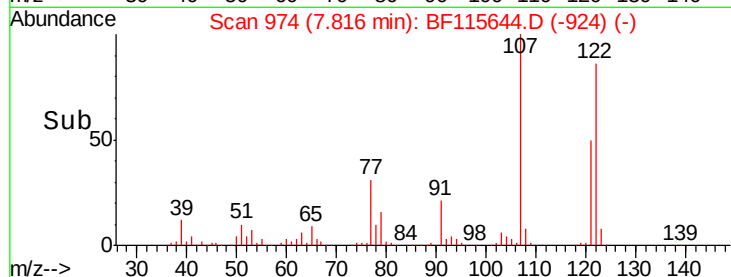
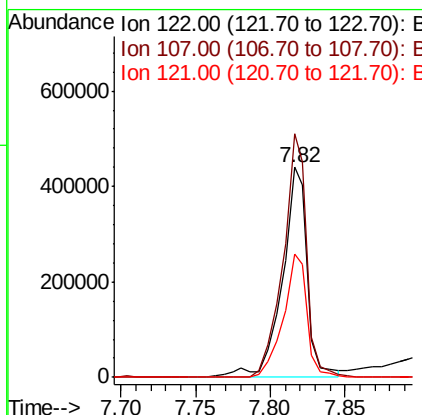
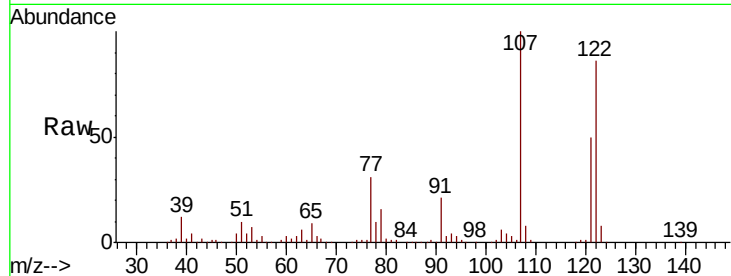
#27
2,4-Dimethylphenol
Concen: 41.856 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB121483BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	518714		
107	116.1	92.9	139.3	
121	58.6	46.9	70.3	

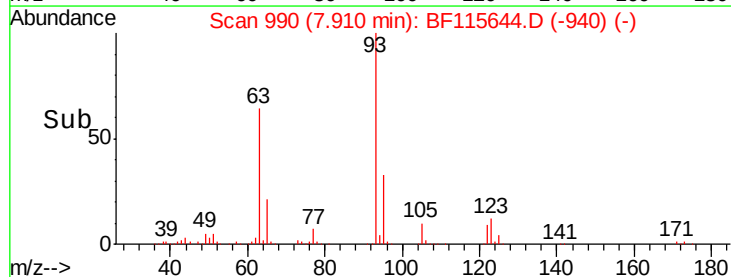
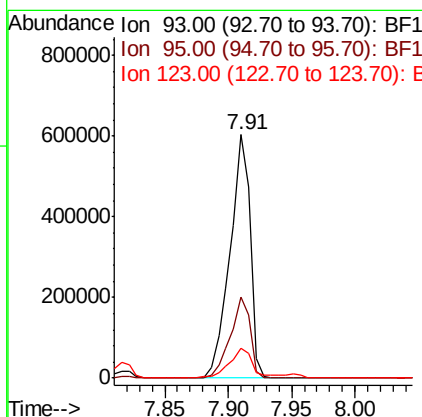
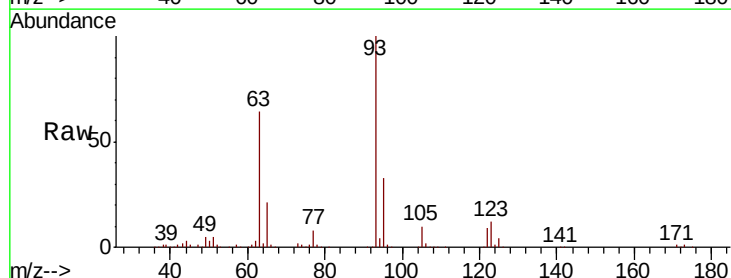
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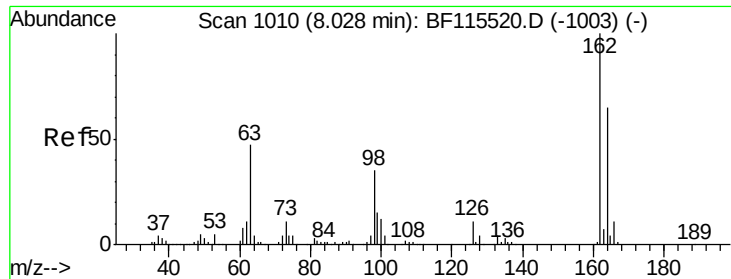
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 36.218 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	663309		
95	33.1	27.0	40.4	
123	12.2	9.9	14.9	





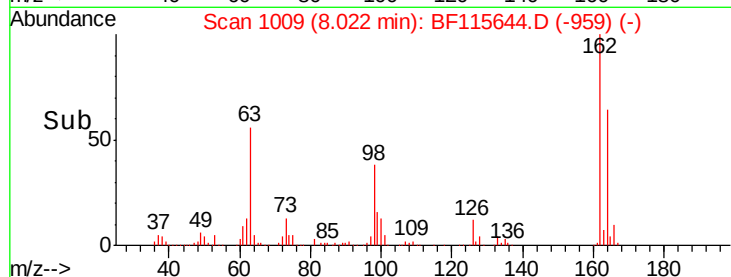
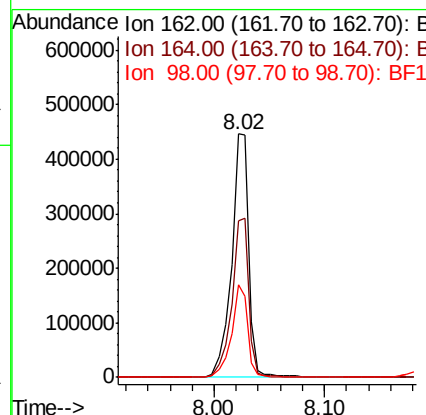
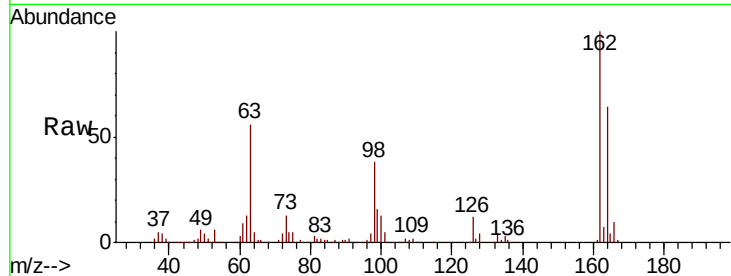
#29
2,4-Dichlorophenol
Concen: 37.861 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB121483BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	487963		
164	64.3	44.9	84.9	
98	37.8	17.7	57.7	

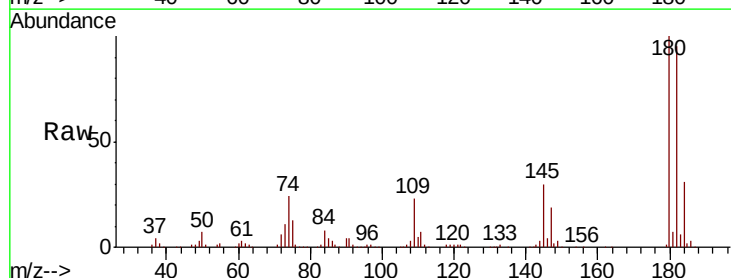
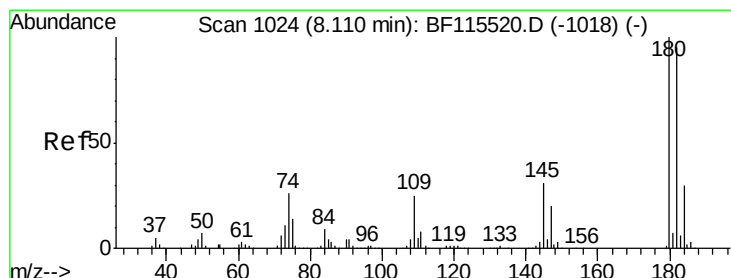
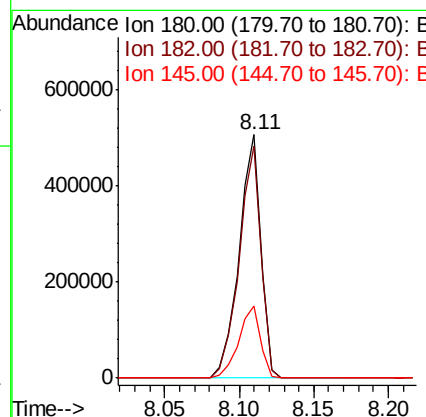
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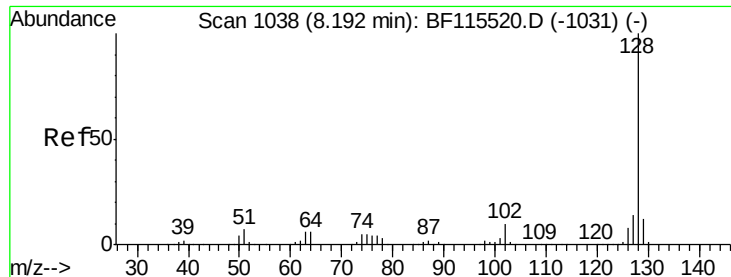
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#30
1,2,4-Trichlorobenzene
Concen: 35.569 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	518187		
182	95.3	75.0	112.6	
145	29.7	25.1	37.7	





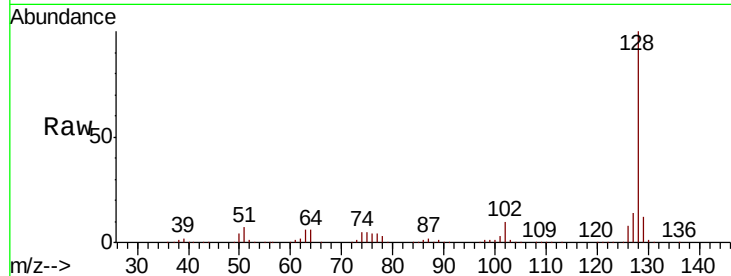
#31
Naphthalene
Concen: 36.330 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB121483BS

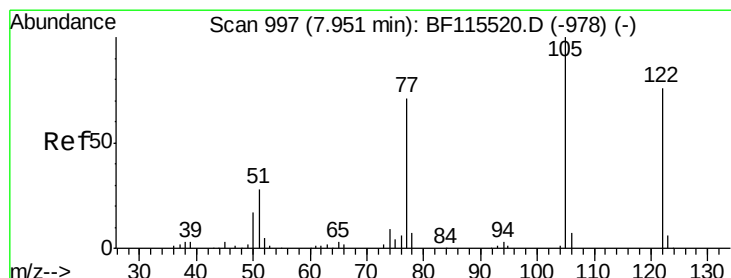
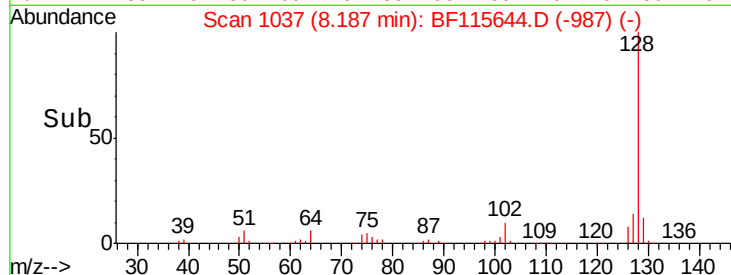
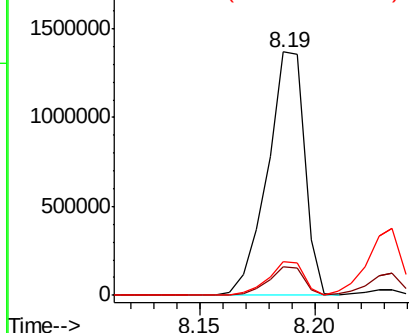
Tot Ion:128 Resp: 1526308
Ion Ratio Lower Upper
128 100
129 11.9 9.9 14.9
127 13.7 12.1 18.1

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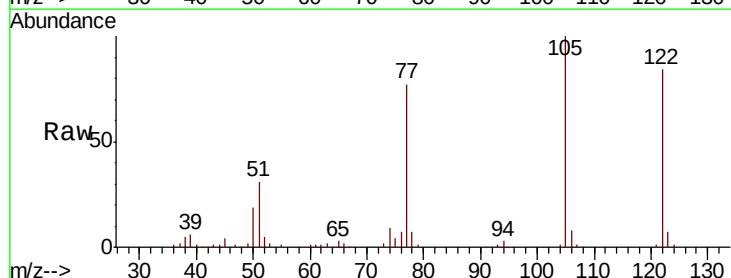


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

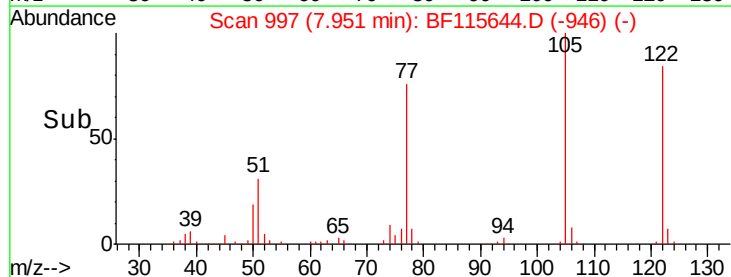
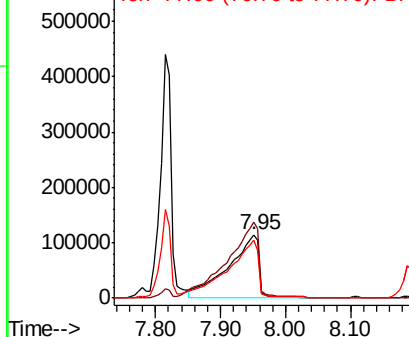


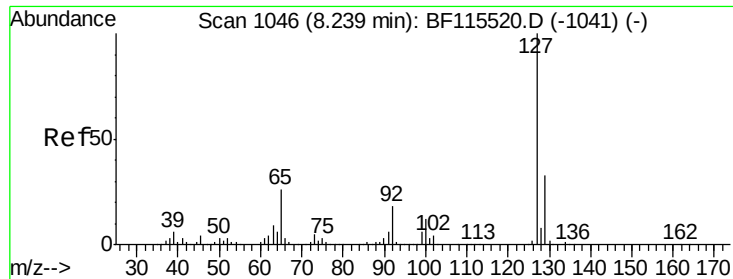
#32
Benzoic acid
Concen: 36.794 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion:122 Resp: 374204
Ion Ratio Lower Upper
122 100
105 119.5 102.5 142.5
77 91.9 70.2 110.2



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





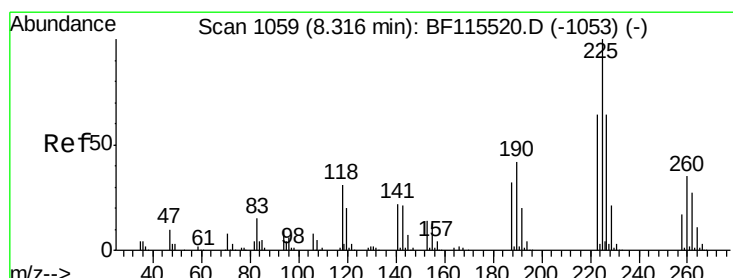
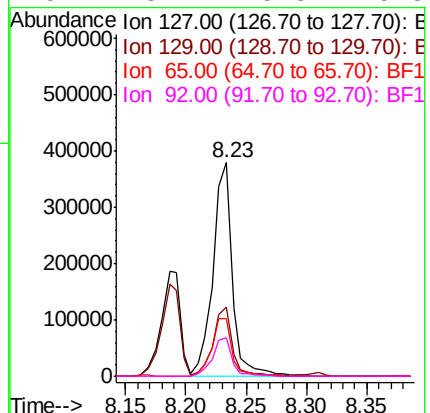
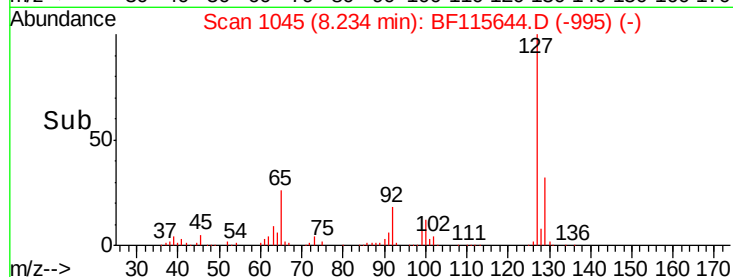
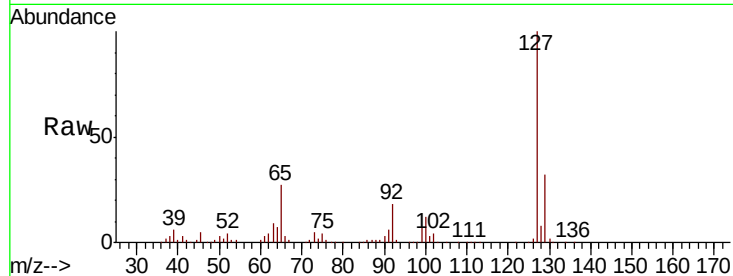
#33
4-Chloroaniline
Concen: 22.362 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampled :
PB121483BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
416151	127	100			
	129	32.4	26.6	39.8	
	65	26.9	23.7	35.5	
	92	18.1	15.8	23.8	

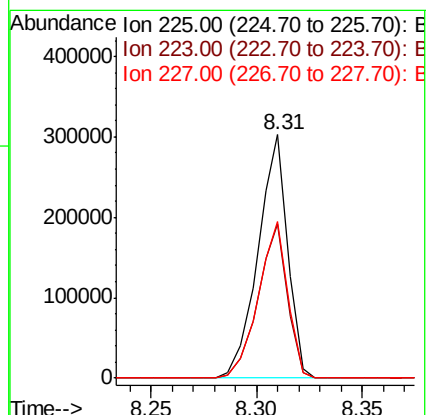
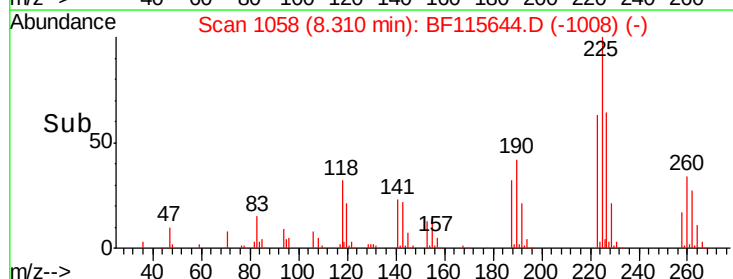
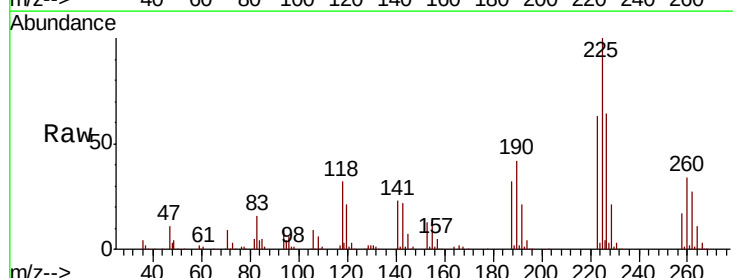
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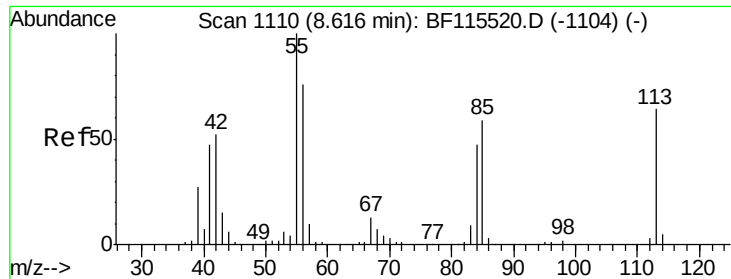
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#34
Hexachlorobutadiene
Concen: 35.062 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
292928	225	100			
	223	63.2	50.9	76.3	
	227	64.2	50.7	76.1	





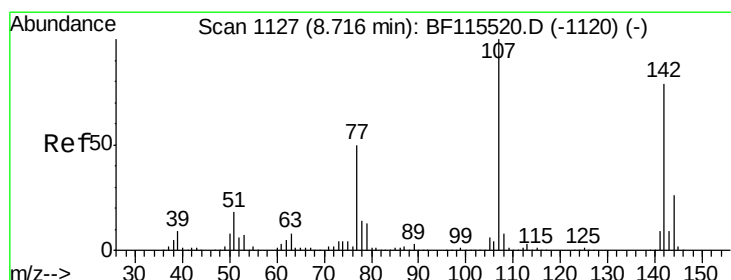
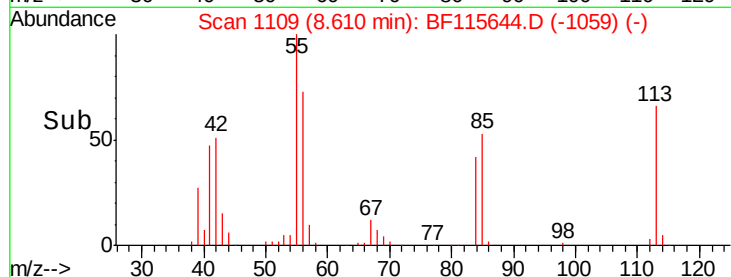
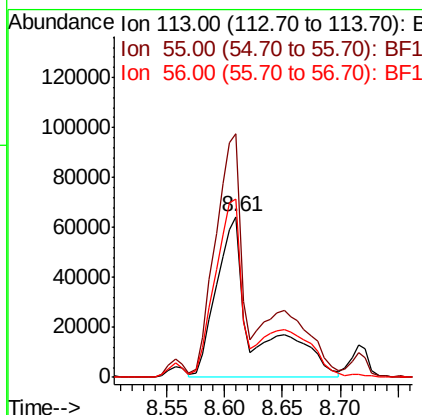
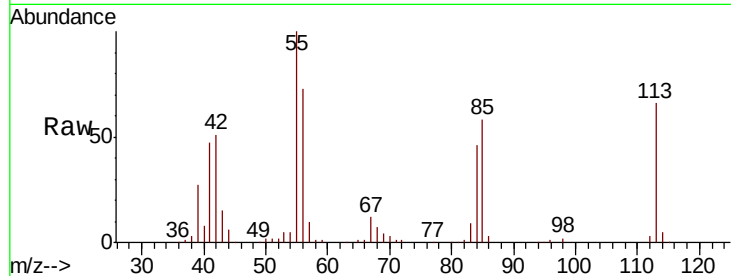
#35
 Caprolactam
 Concen: 37.715 ng/ml
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB121483BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	151.7		126.9	166.9	
56	111.3		90.3	130.3	

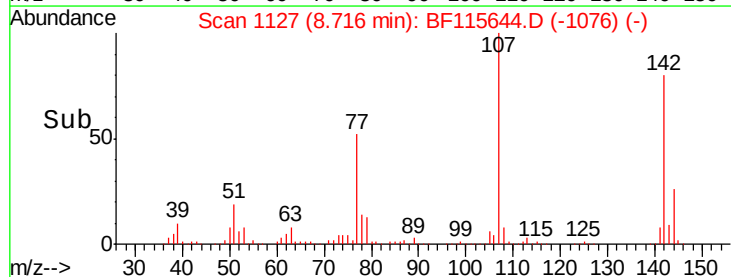
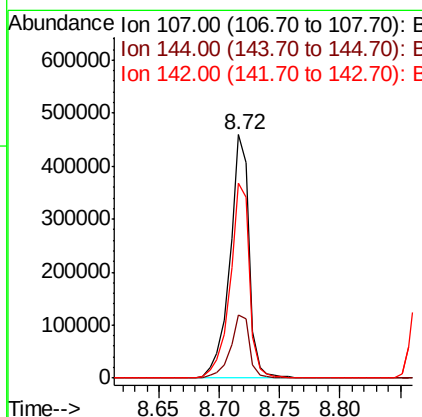
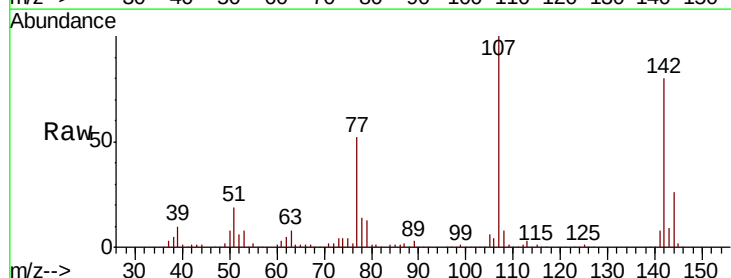
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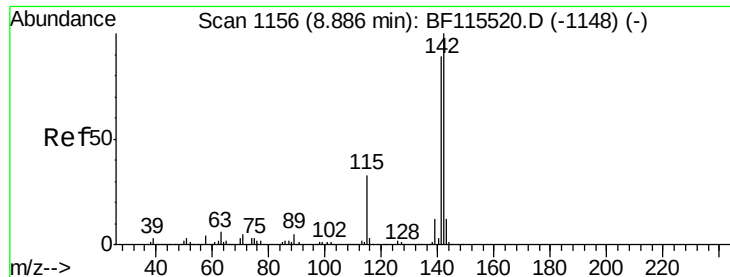
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#36
 4-Chloro-3-methylphenol
 Concen: 38.226 ng/ml
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.9		20.6	30.8	
142	79.9		63.1	94.7	





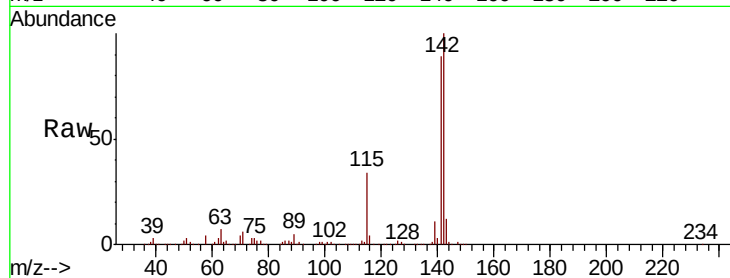
#37
2-Methylnaphthalene
Concen: 38.072 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampled :
PB121483BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.0	108.0
115	34.5	29.9	44.9

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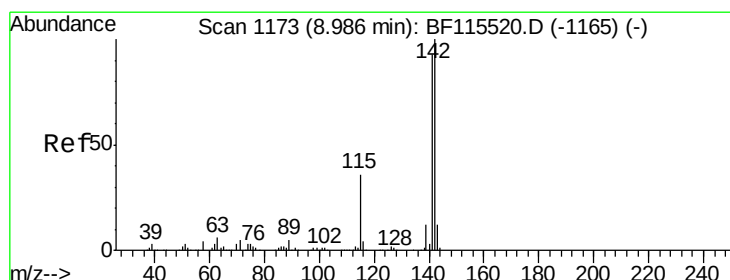
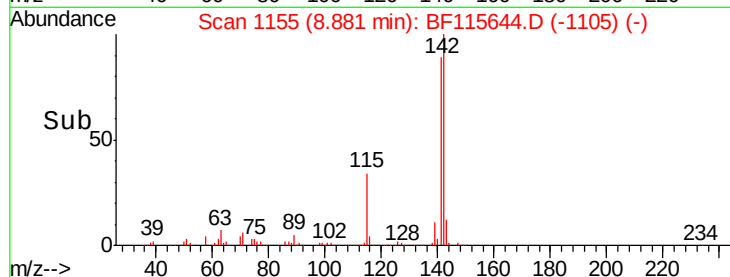
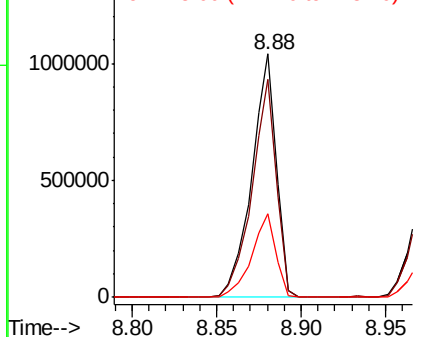


Abundance

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: 37.434 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

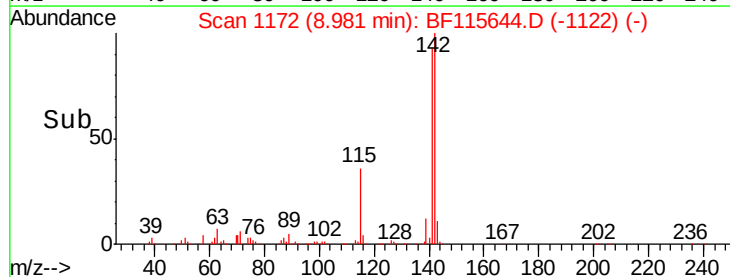
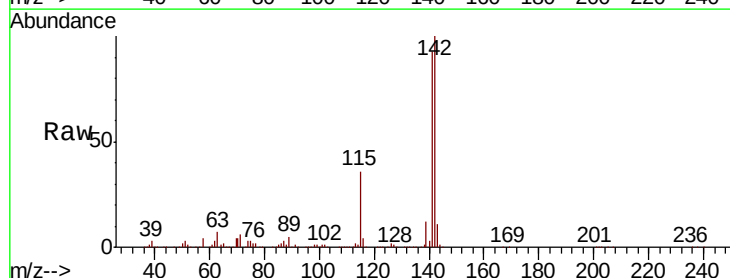
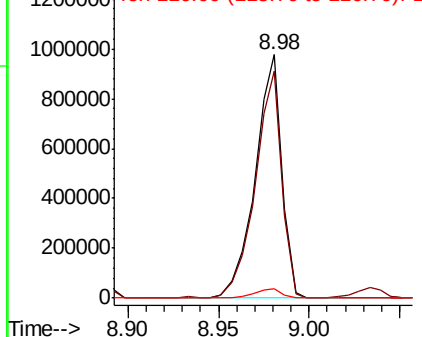
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	75.3	112.9
116	3.8	3.3	4.9

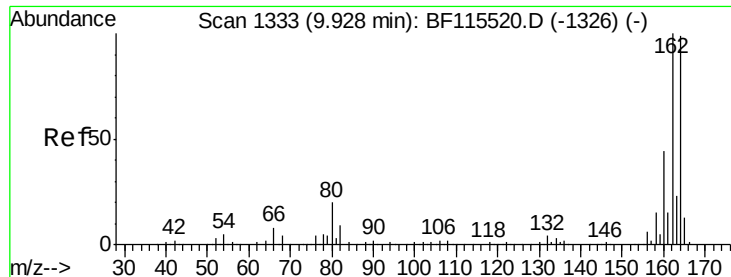
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

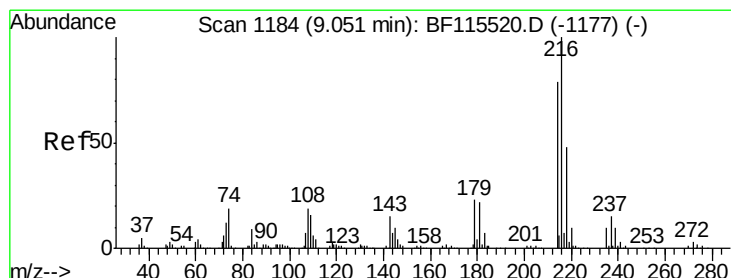
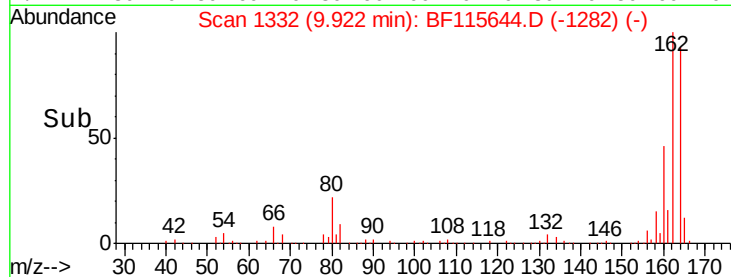
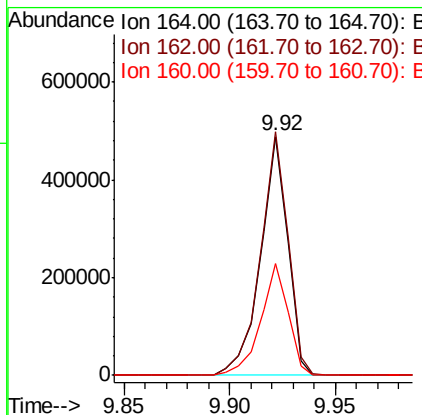
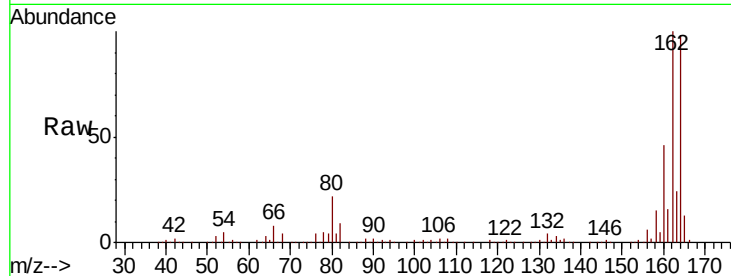
ClientSampleId :

PB121483BS

Tot Ion:	164	Resp:	439811
Ion Ratio	Lower	Upper	
164	100		
162	101.9	82.9	124.3
160	46.5	36.8	55.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.789 ng

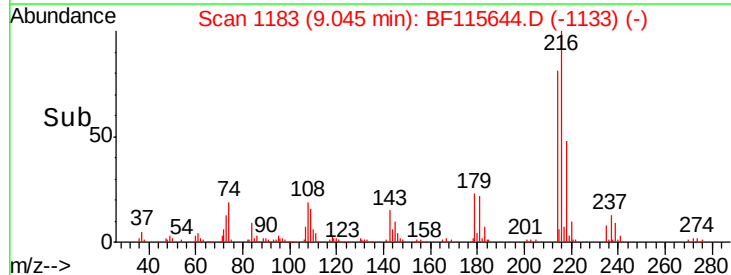
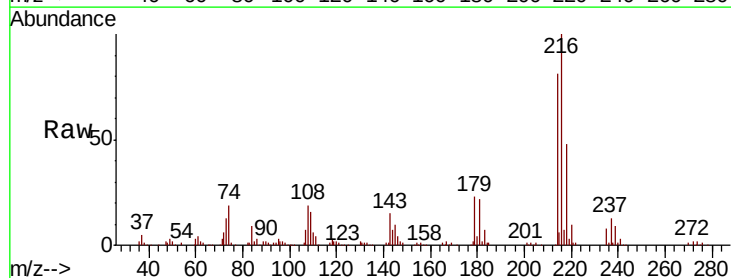
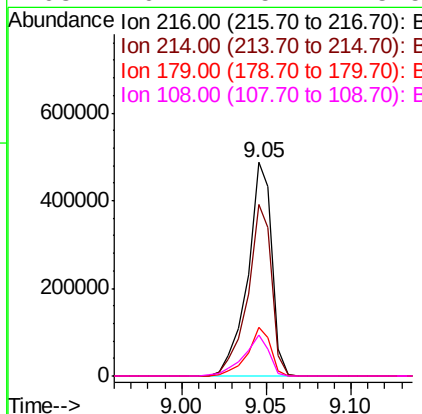
RT: 9.05 min Scan# 1183

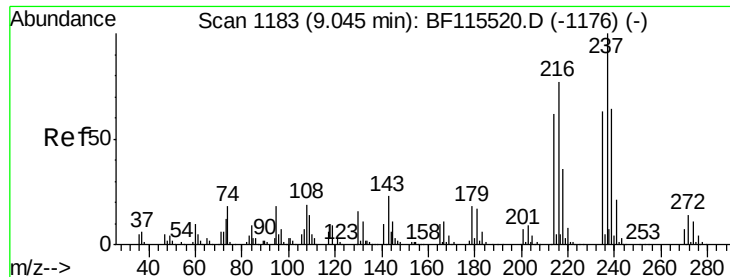
Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Tgt Ion:	216	Resp:	487240
Ion Ratio	Lower	Upper	
216	100		
214	79.5	65.1	97.7
179	21.6	18.3	27.5
108	20.1	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 47.869 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

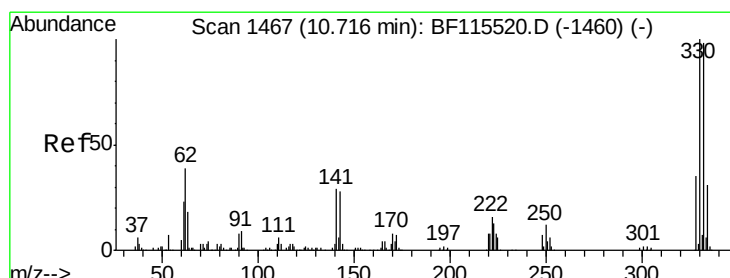
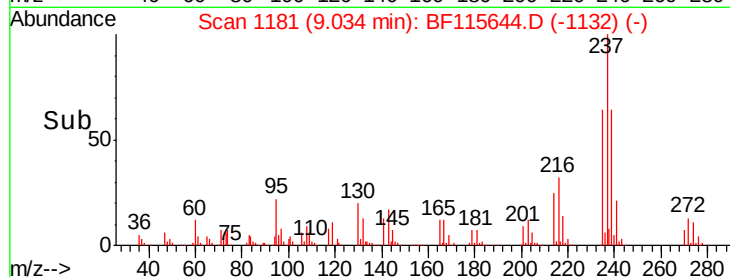
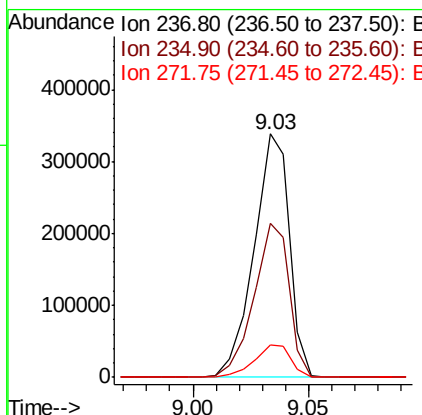
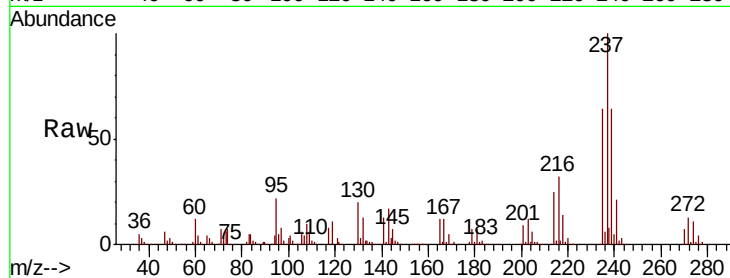
ClientSampleId :

PB121483BS

Tot Ion:	237	Resp:	361653
Ion Ratio		Lower	Upper
237	100		
235	63.5	43.6	83.6
272	13.1	0.0	33.9

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#42

2,4,6-Tribromophenol

Concen: 96.337 ng

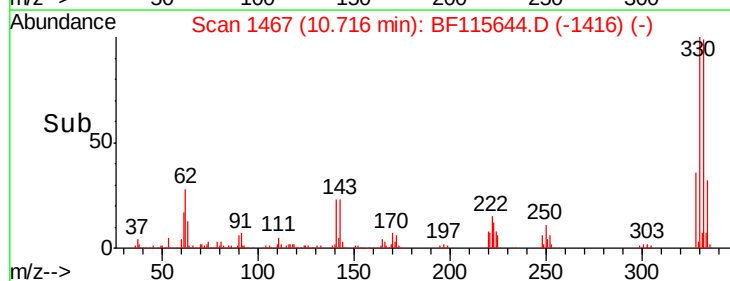
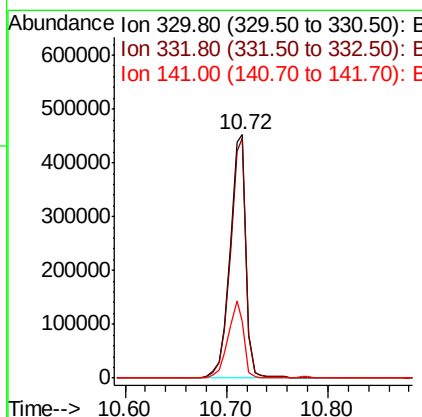
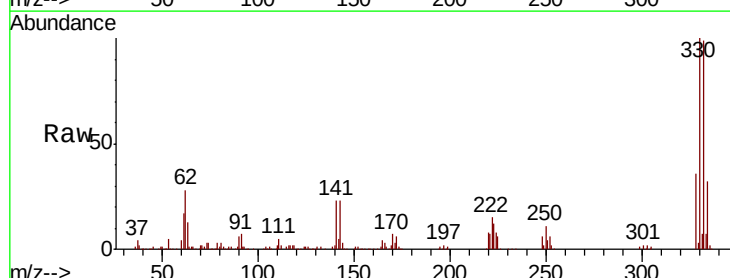
RT: 10.72 min Scan# 1467

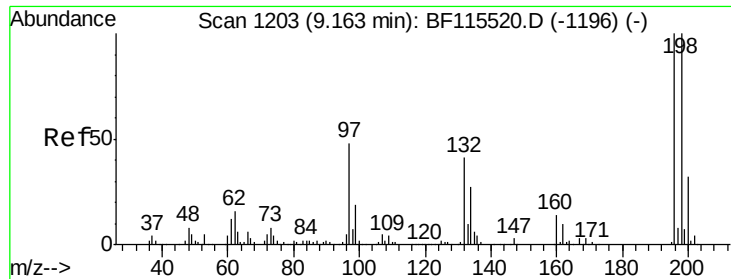
Delta R.T. 0.00 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Tgt Ion:	330	Resp:	494562
Ion Ratio		Lower	Upper
330	100		
332	97.0	77.4	116.2
141	31.0	22.4	33.6





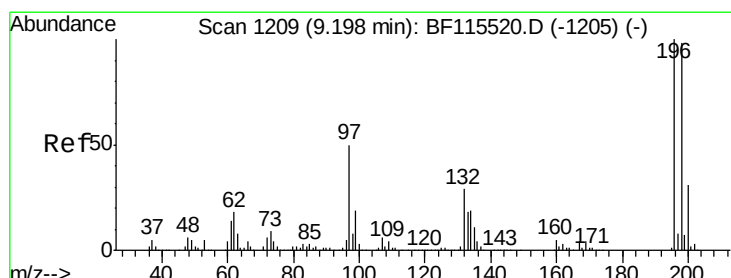
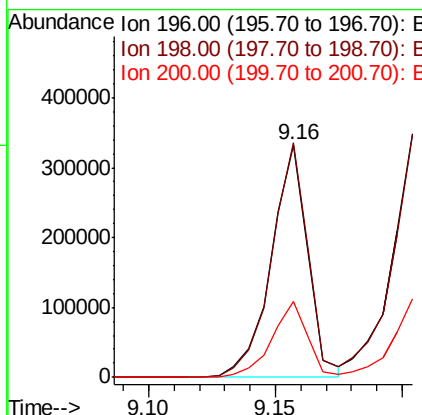
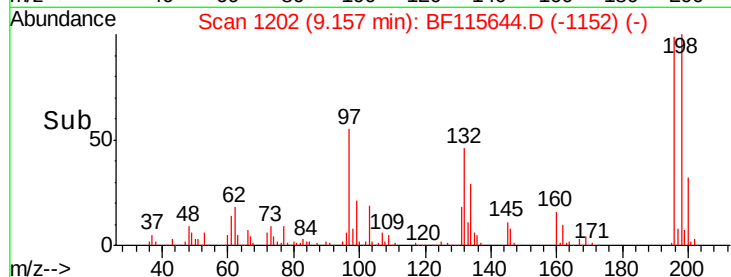
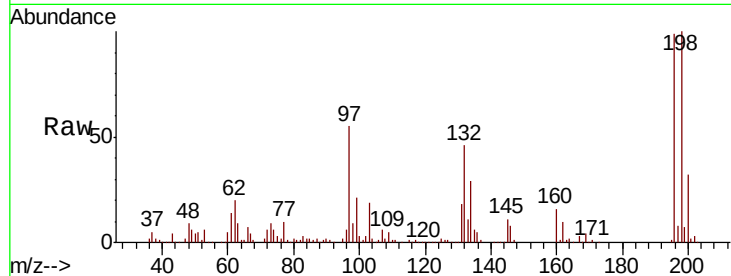
#43
 2,4,6-Trichlorophenol
 Concen: 34.226 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB121483BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	331493		
198	100.7	80.6	121.0	
200	32.4	25.8	38.6	

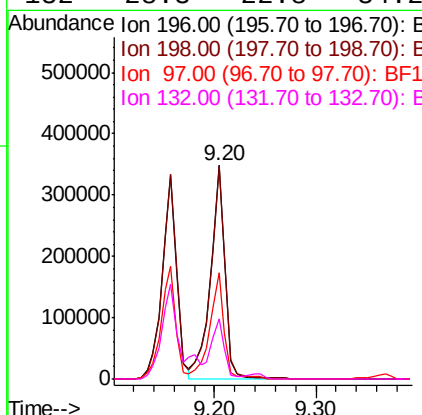
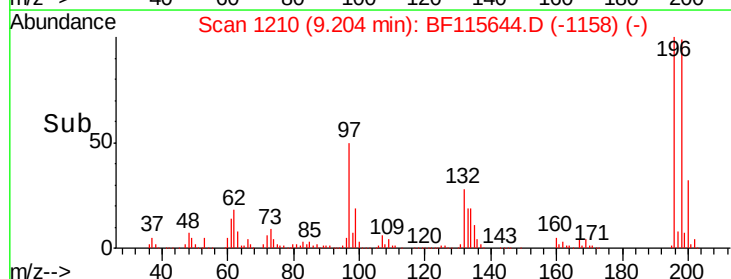
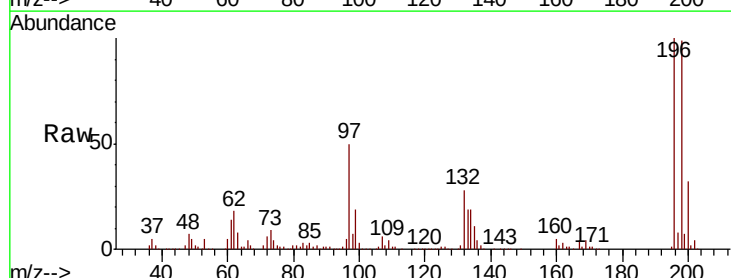
Manual Integrations
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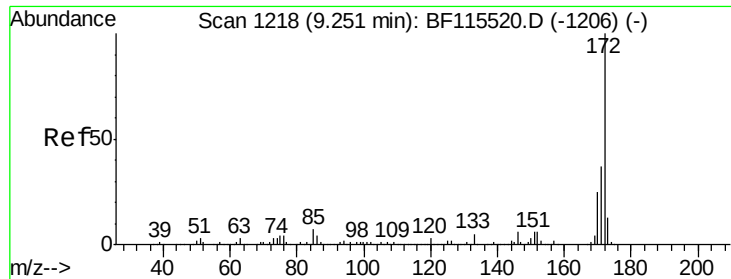
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 35.051 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	347665		
198	99.3	79.6	119.4	
97	49.7	37.8	56.6	
132	28.3	22.8	34.2	





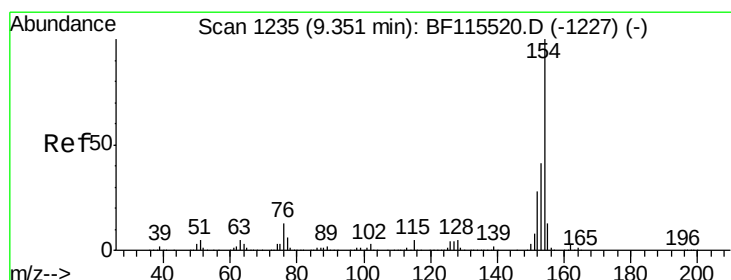
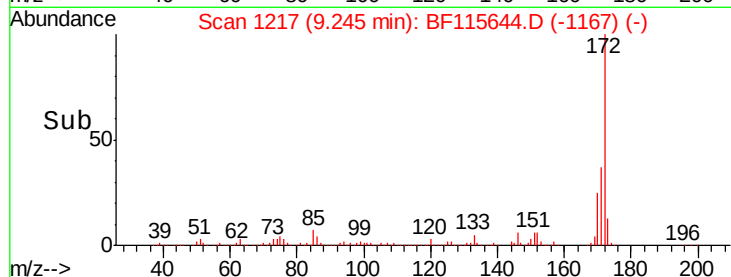
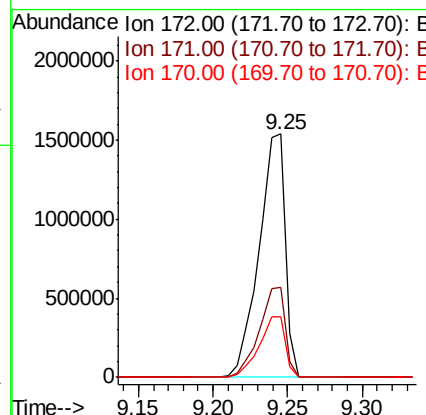
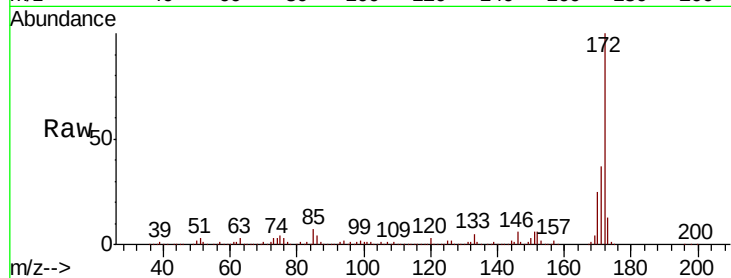
#45
2-Fluorobiphenyl
Concen: 73.846 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB121483BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	46.0
170	24.7	20.5	30.7

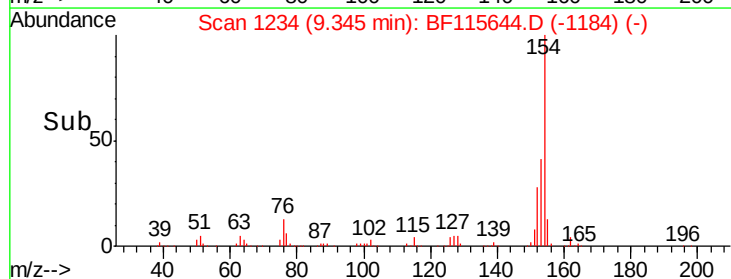
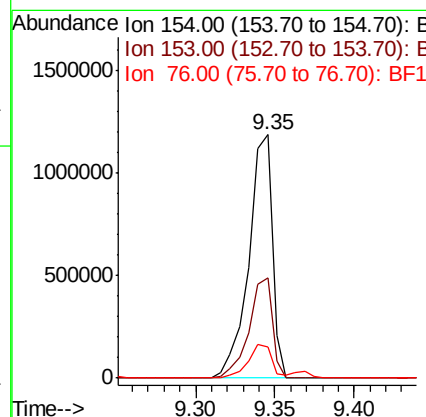
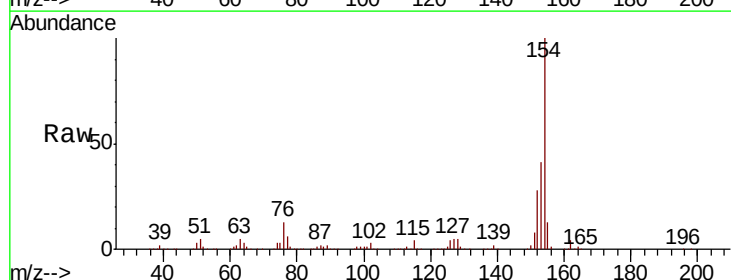
Manual Integrations
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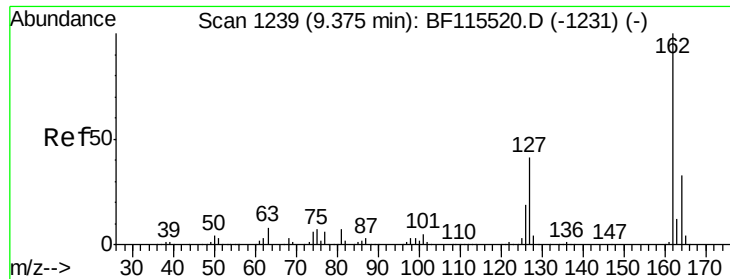
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#46
1,1'-Biphenyl
Concen: 35.524 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.6	62.6
76	12.5	0.0	33.4





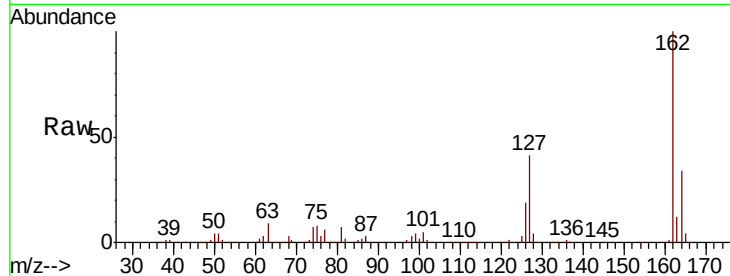
#47
2-Chloronaphthalene
Concen: 33.799 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampled :
PB121483BS

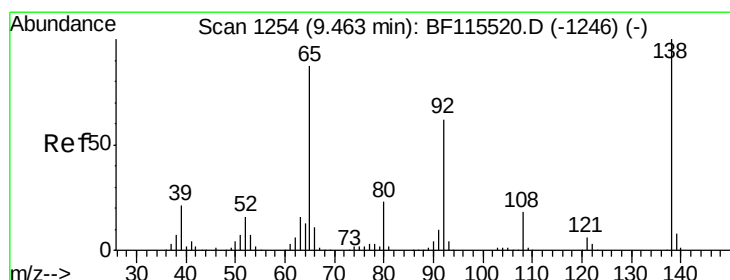
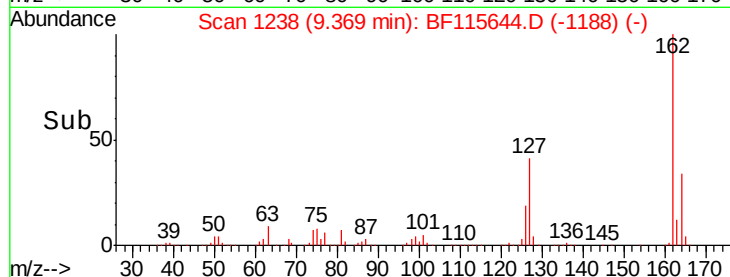
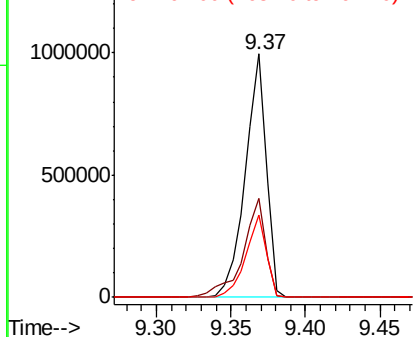
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	40.8	34.1	51.1
164	34.0	27.4	41.2

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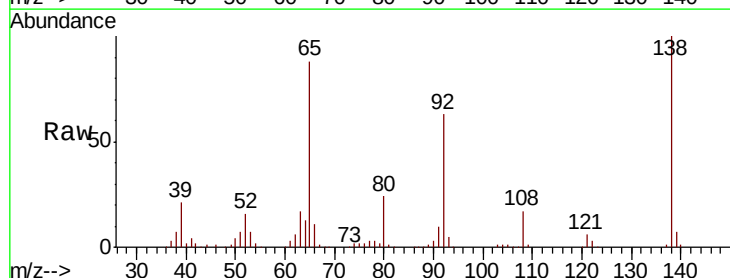


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

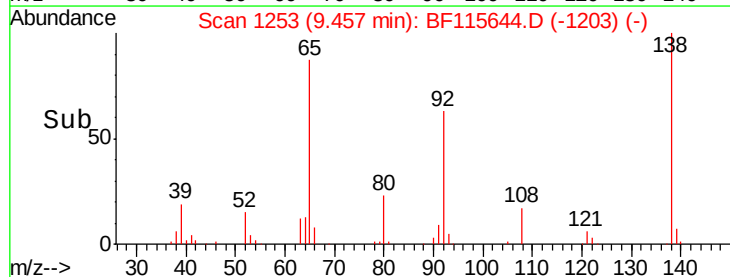
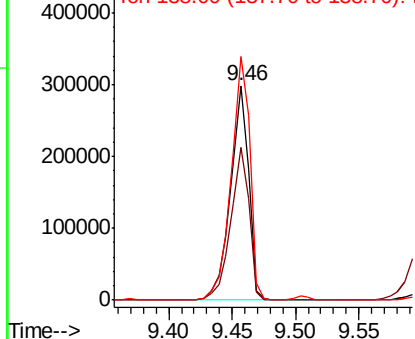


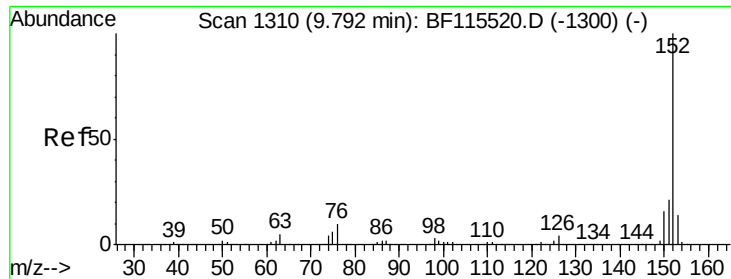
#48
2-Nitroaniline
Concen: 33.031 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	71.3	57.8	86.6
138	113.6	91.2	136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 34.387 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

ClientSampleId :

PB121483BS

Tot Ion:152 Resp: 1458778

Ion Ratio Lower Upper

152 100

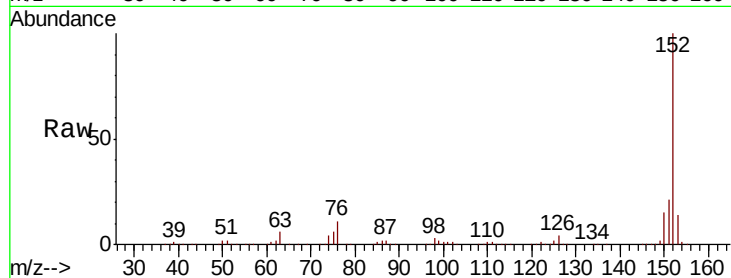
151 21.4 17.7 26.5

153 14.4 12.0 18.0

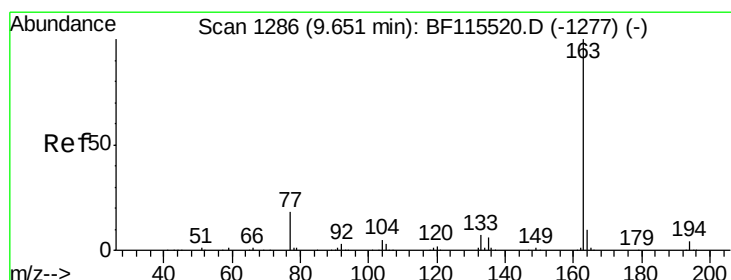
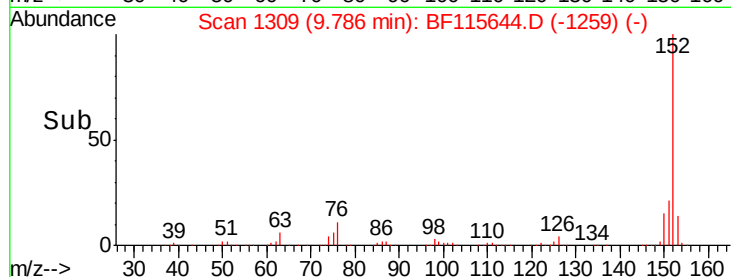
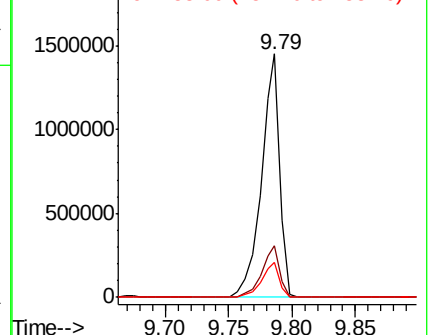
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Abundance Ion 152.00 (151.70 to 152.70): E
2000000 Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.212 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

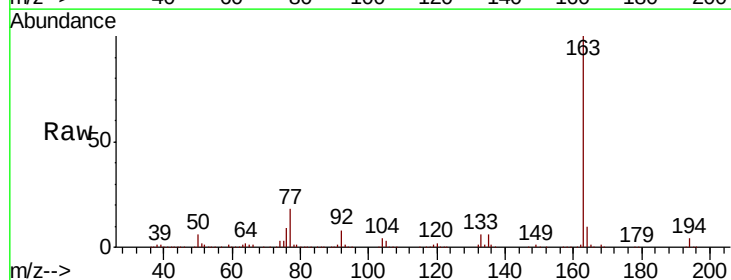
Tgt Ion:163 Resp: 1198272

Ion Ratio Lower Upper

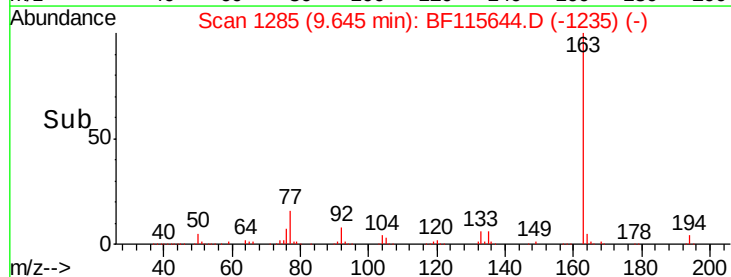
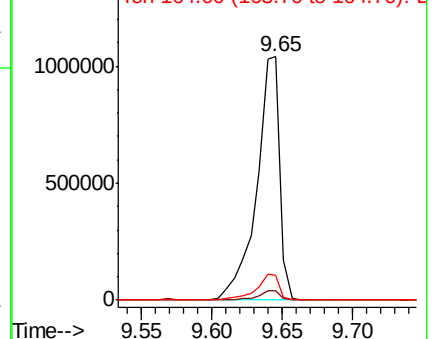
163 100

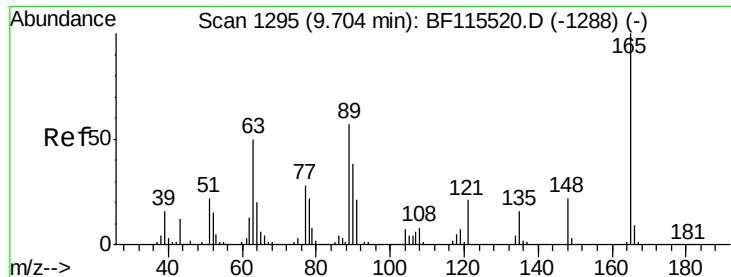
194 4.1 3.3 4.9

164 10.0 8.7 13.1



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





#51

2,6-Dinitrotoluene

Concen: 36.924 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

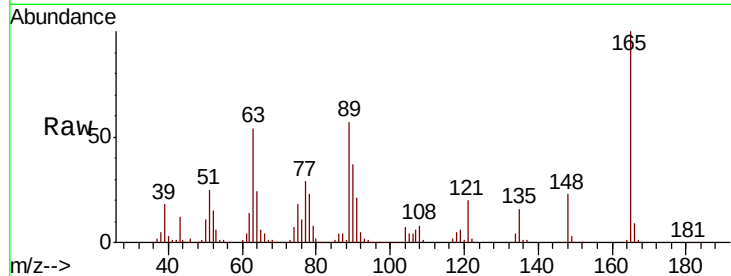
ClientSampleId :

PB121483BS

Tot Ion:	165	Resp:	277666
Ion Ratio	Lower	Upper	
165	100		
63	53.8	40.6	61.0
89	57.0	43.9	65.9

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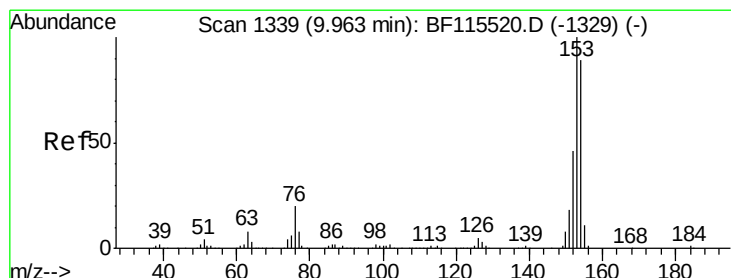
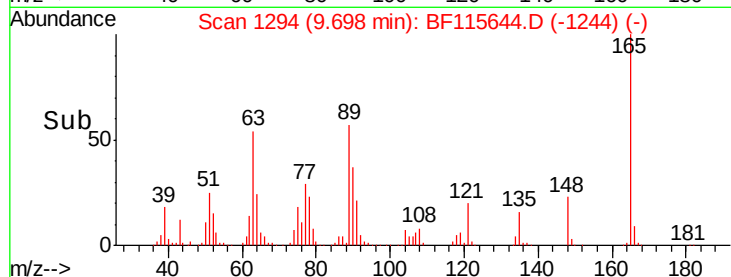
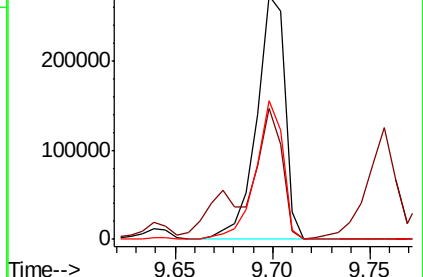
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.297 ng

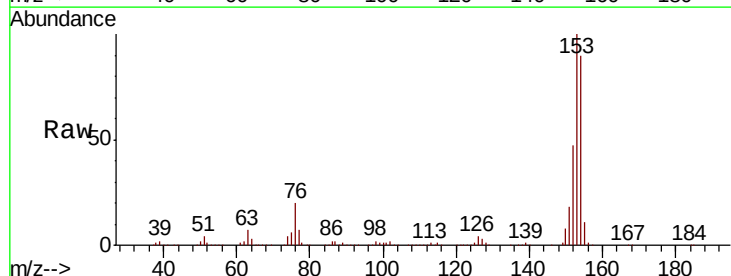
RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

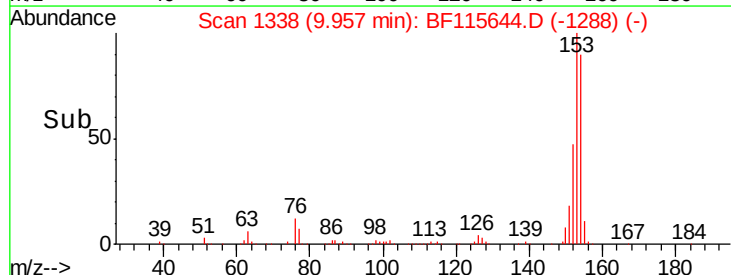
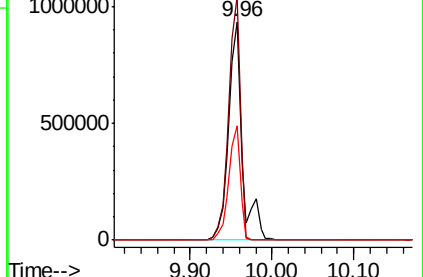
Tgt Ion:	154	Resp:	1076300
Ion Ratio	Lower	Upper	
154	100		
153	111.4	88.6	133.0
152	52.6	42.3	63.5

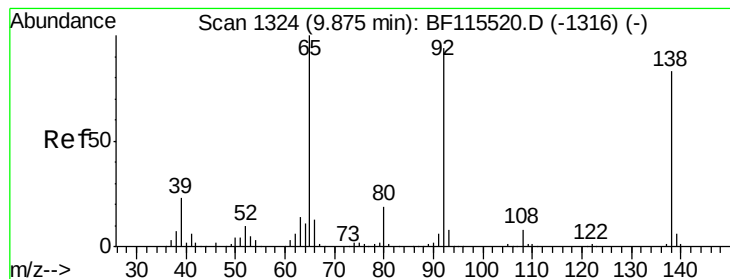


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 23.533 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

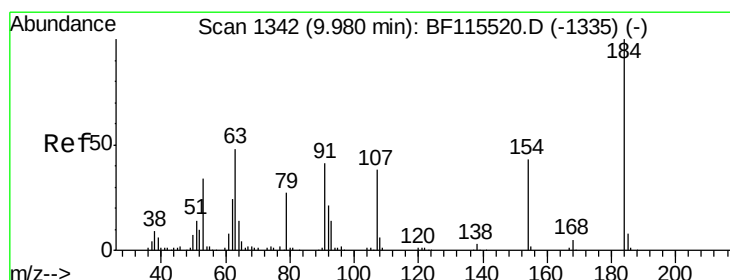
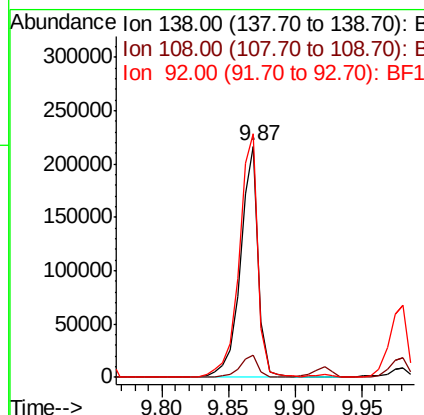
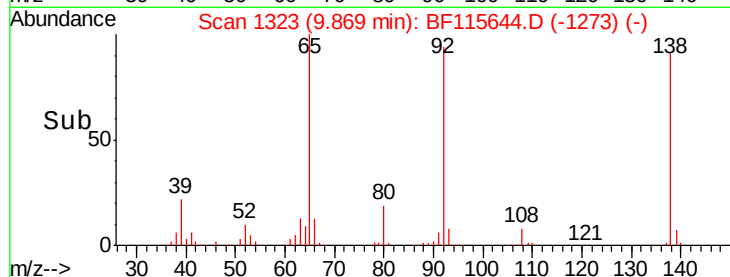
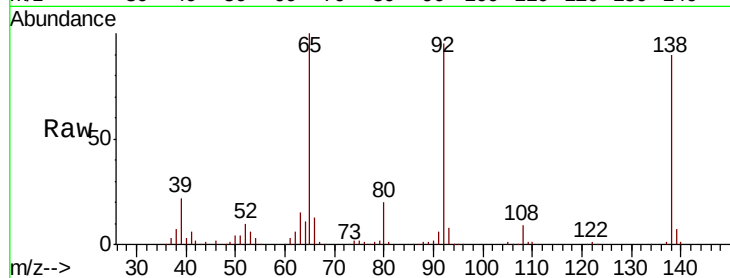
ClientSampleId :

PB121483BS

Tot Ion:	138	Resp:	202231
Ion Ratio	Lower	Upper	
138	100		
108	9.6	8.4	12.6
92	105.3	88.0	132.0

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#54

2,4-Dinitrophenol

Concen: 69.717 ng

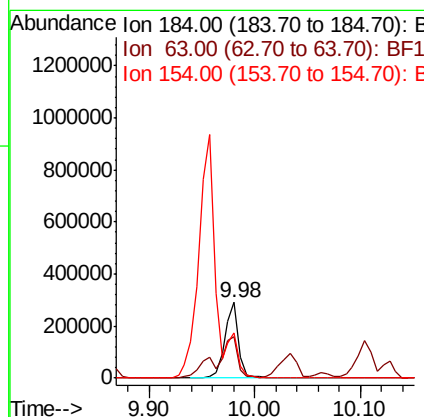
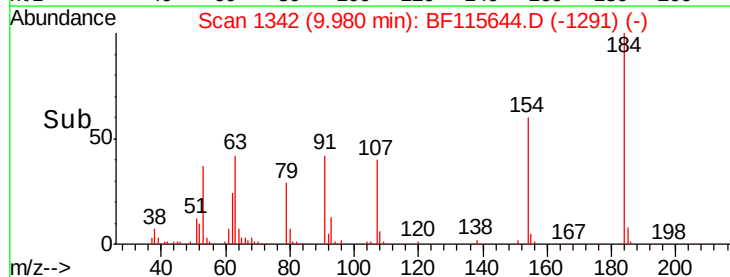
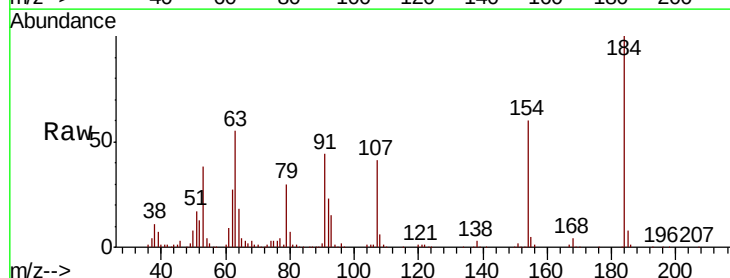
RT: 9.98 min Scan# 1342

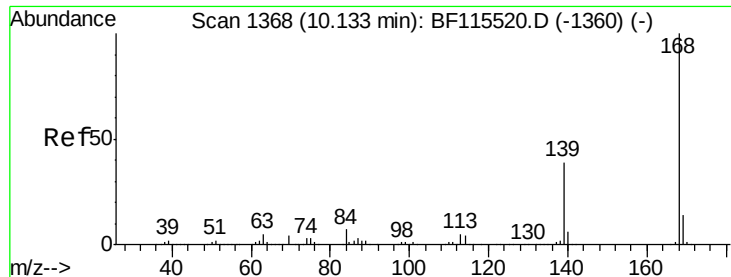
Delta R.T. 0.00 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Tgt Ion:	184	Resp:	269168
Ion Ratio	Lower	Upper	
184	100		
63	55.2	48.7	73.1
154	60.3	48.6	73.0





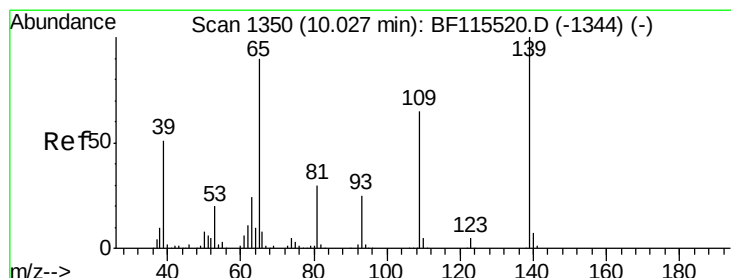
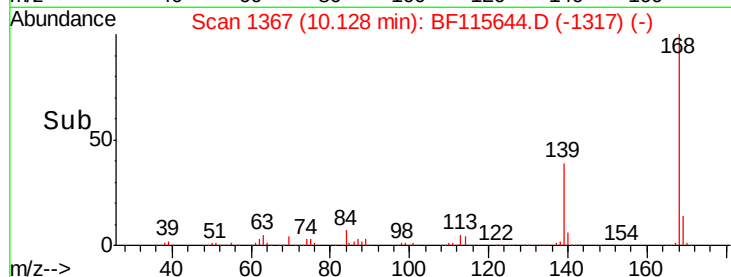
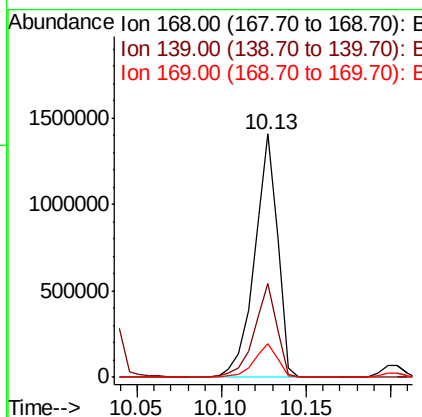
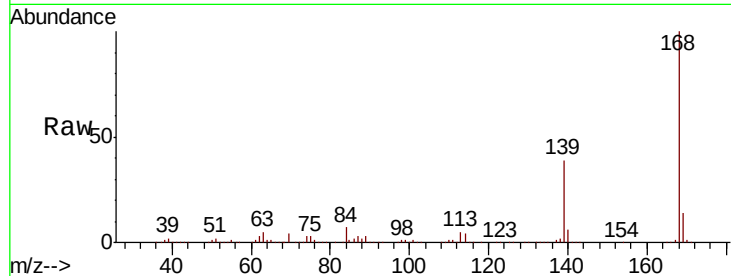
#55
Dibenzenofuran
Concen: 34.336 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB121483BS

Tot Ion:168 Resp: 1335522
Ion Ratio Lower Upper
168 100
139 38.7 31.1 46.7
169 13.9 11.1 16.7

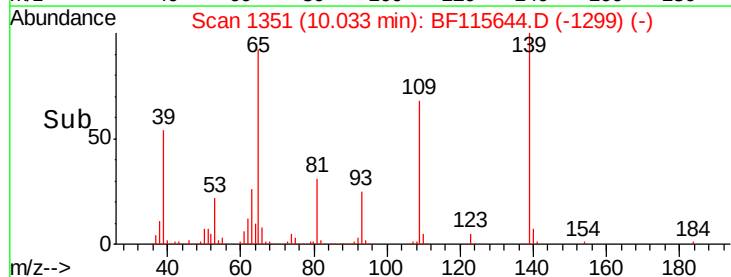
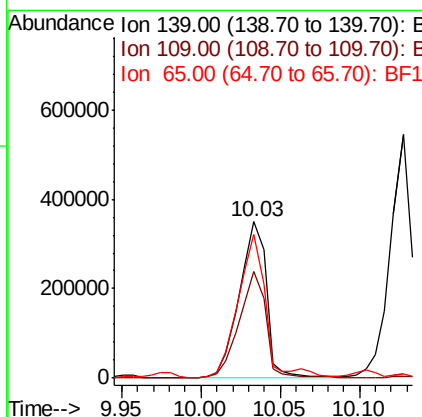
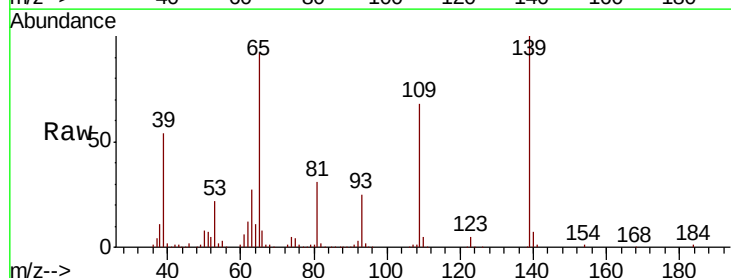
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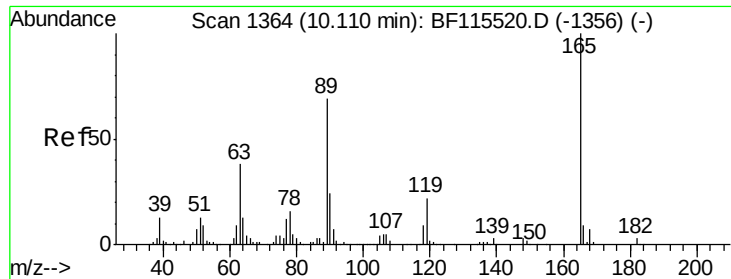
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#56
4-Nitrophenol
Concen: 63.904 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion:139 Resp: 418761
Ion Ratio Lower Upper
139 100
109 68.0 46.4 86.4
65 91.9 68.9 108.9





#57

2,4-Dinitrotoluene

Concen: 36.129 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

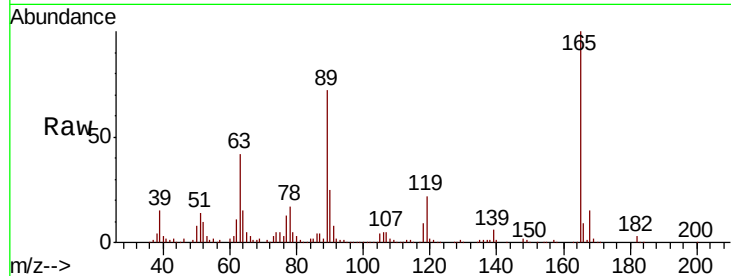
ClientSampleId :

PB121483BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.3	34.9	52.3
89	72.3	57.5	86.3
182	2.6	2.2	3.4

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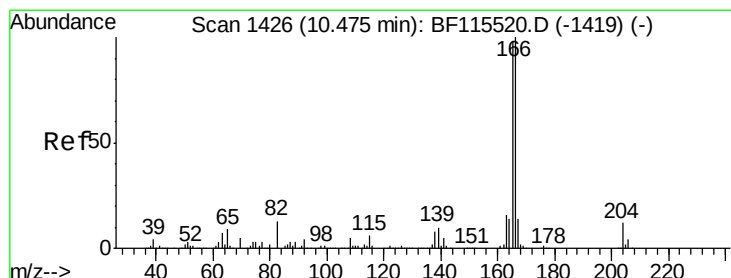
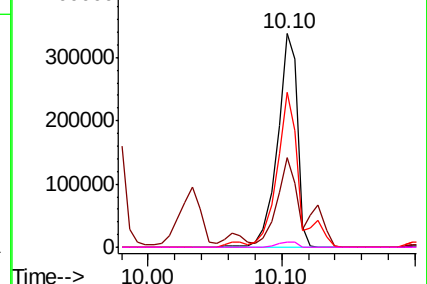
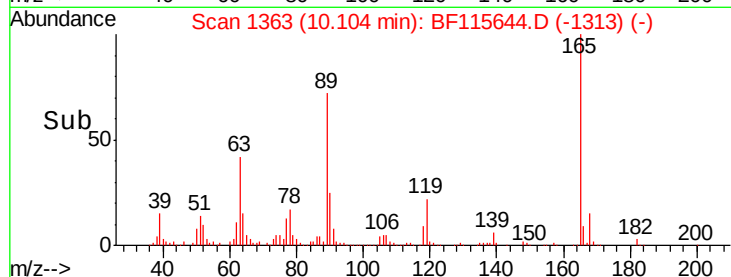


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 35.090 ng

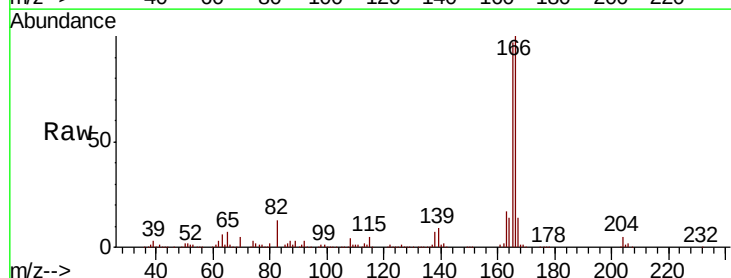
RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

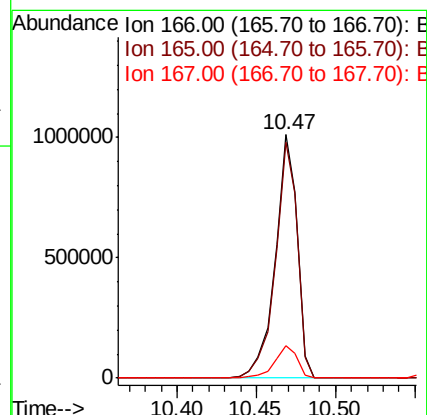
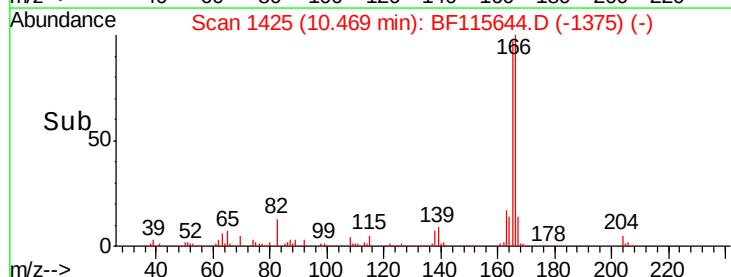
Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	79.8	119.6
167	13.6	11.2	16.8

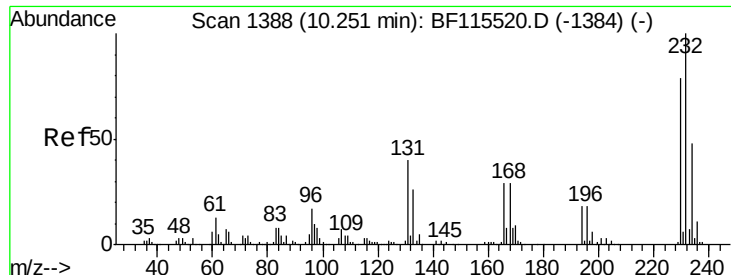


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





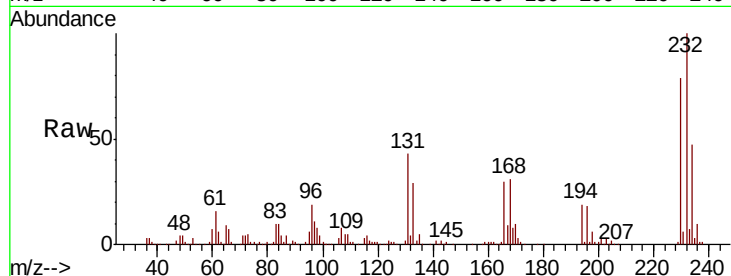
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.306 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB121483BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		301034		
131	44.0	35.9	53.9		
130	2.2	1.8	2.6		
166	29.3	24.8	37.2		

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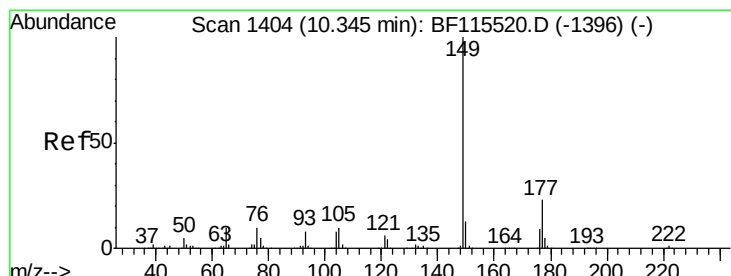
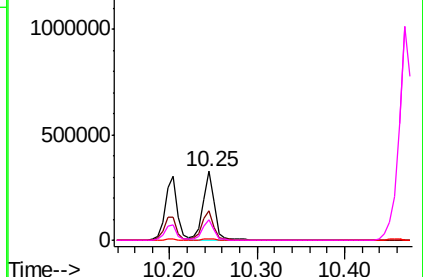
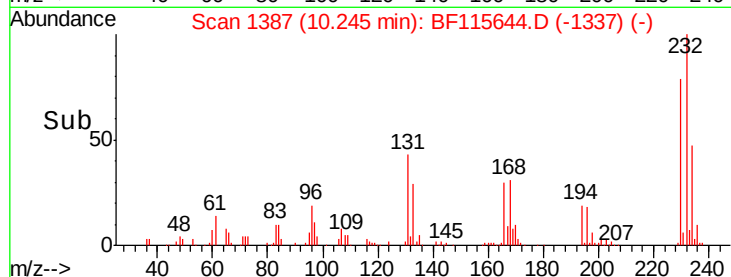
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

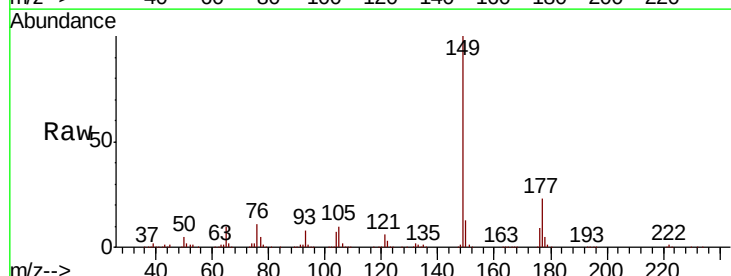
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 35.751 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1108410		
177	23.3	19.5	29.3		
150	12.9	10.4	15.6		

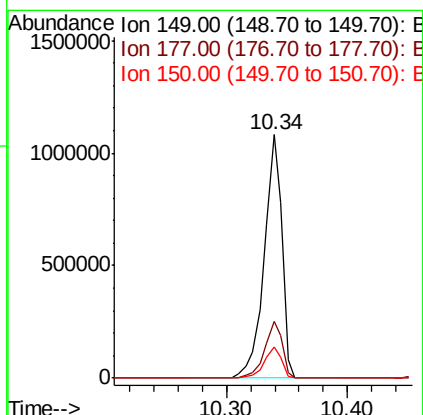
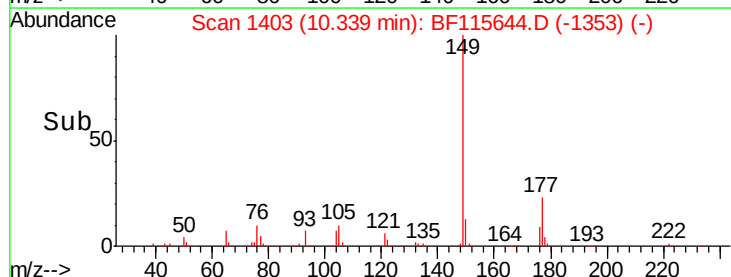


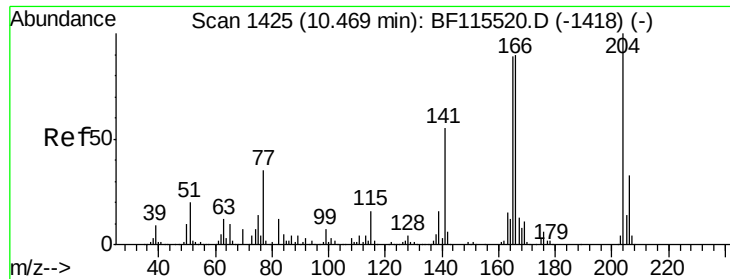
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





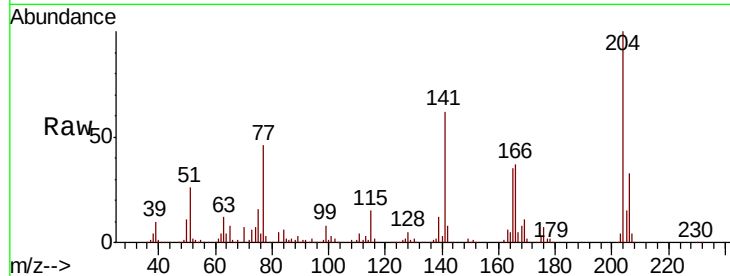
#61
 4-Chlorophenyl-phenylether
 Concen: 32.591 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB121483BS

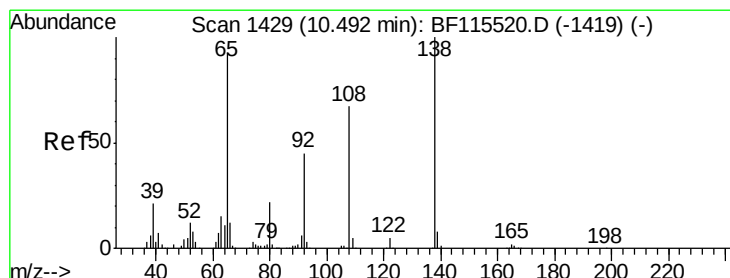
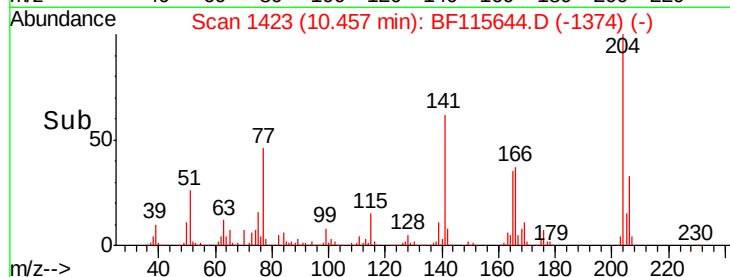
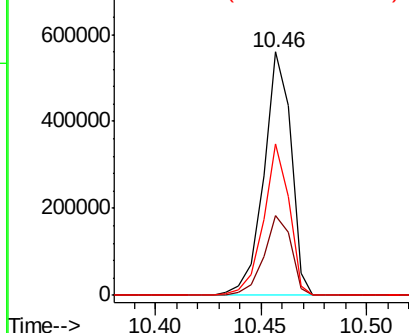
Tot Ion:	204	Resp:	502547
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.7	40.1
141	62.0	44.2	66.2

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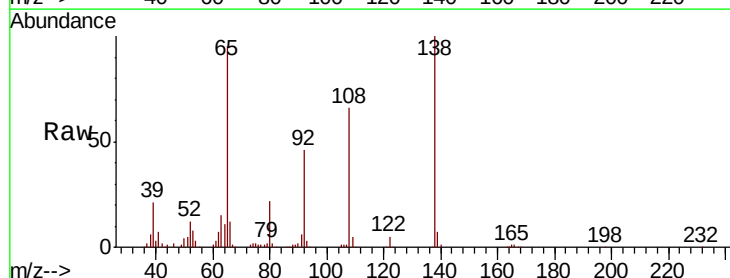


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

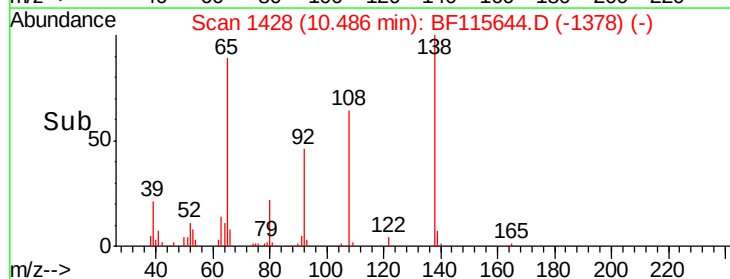
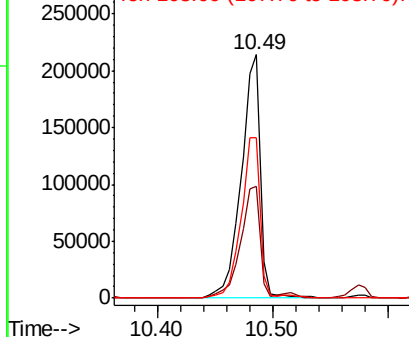


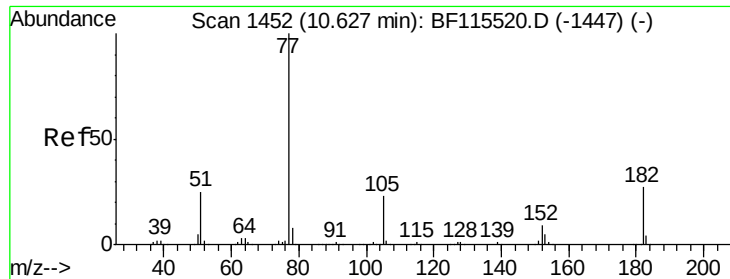
#62
 4-Nitroaniline
 Concen: 29.692 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Tgt Ion:	138	Resp:	244748
Ion Ratio	Lower	Upper	
138	100		
92	45.7	27.1	67.1
108	65.8	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





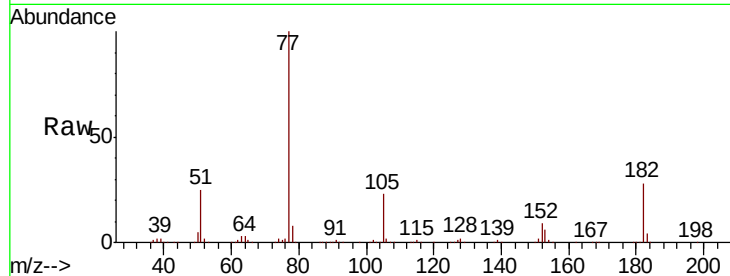
#63
Azobenzene
Concen: 38.006 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB121483BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.7	6.9	46.9
105	23.4	3.9	43.9
51	25.0	7.3	47.3

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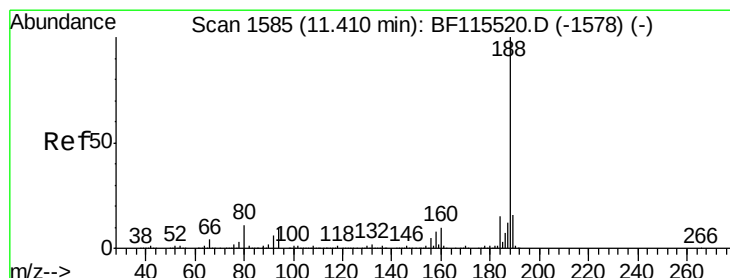
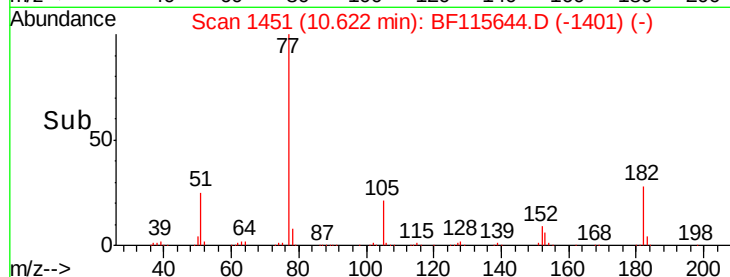
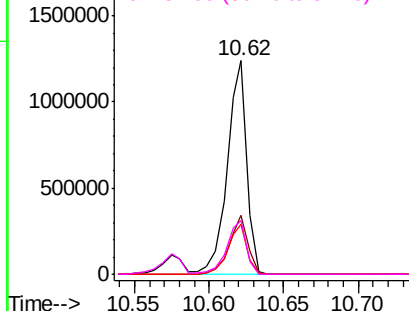
Abundance

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: BF115644.D
Acq: 18 Jul 2019 13:12

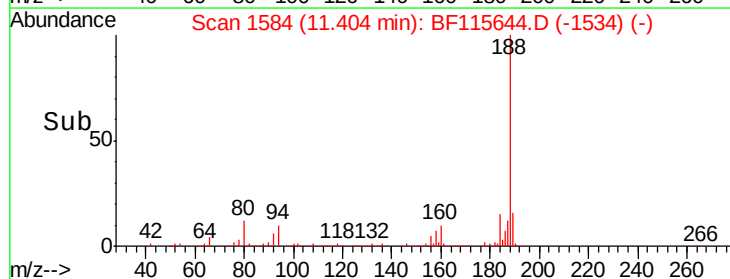
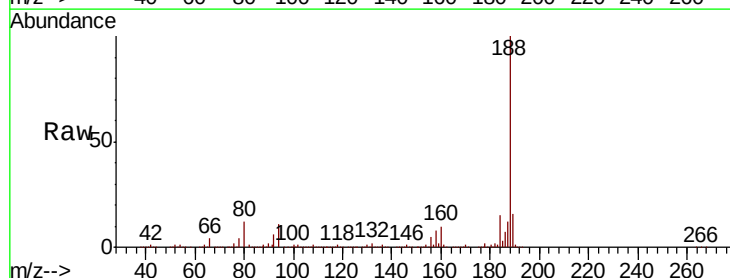
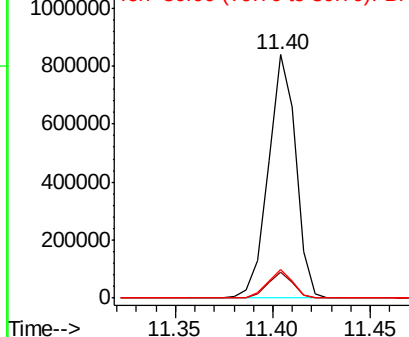
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.8	11.6
80	11.7	8.6	13.0

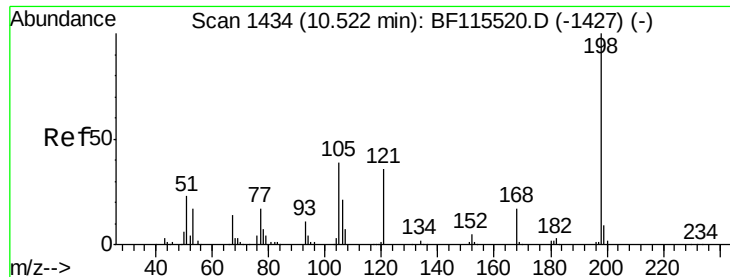
Abundance

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





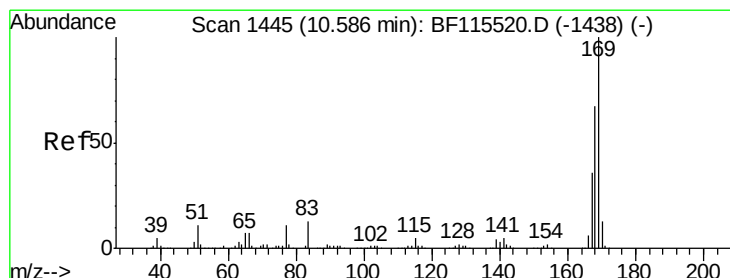
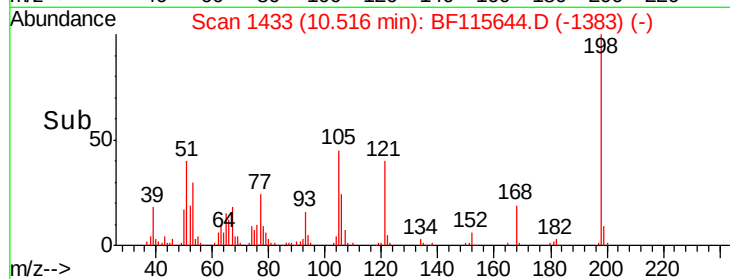
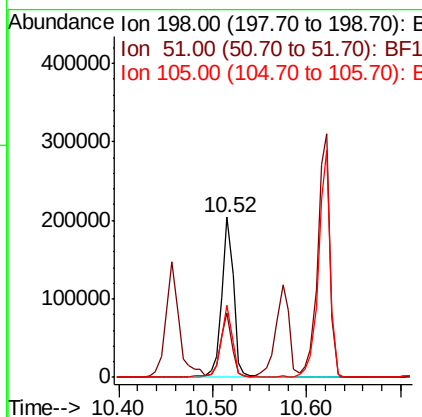
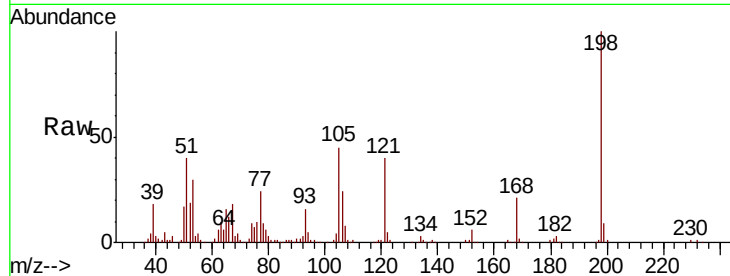
#65
4,6-Dinitro-2-methylphenol
Concen: 35.867 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB121483BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	179191		
51	39.9	19.1	59.1	
105	44.8	23.6	63.6	

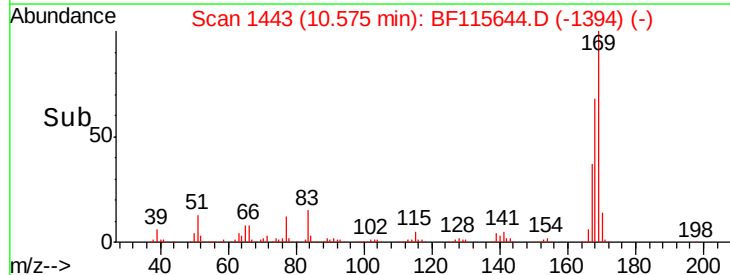
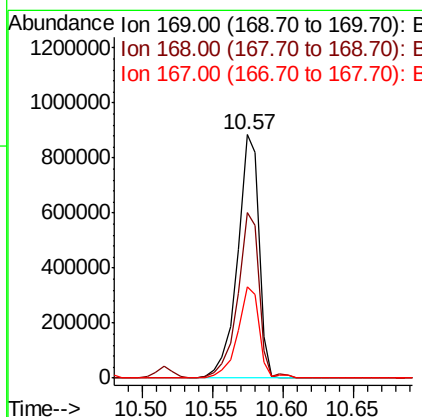
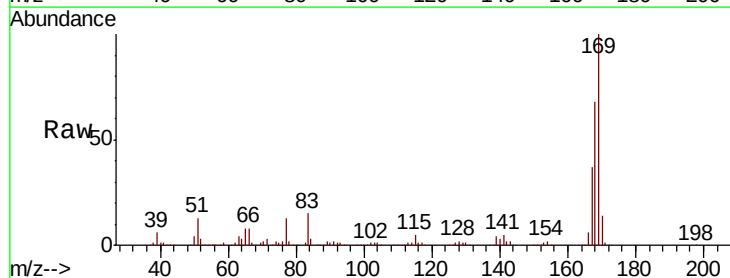
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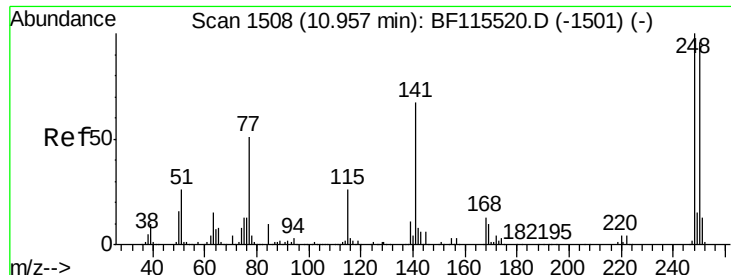
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#66
n-Nitrosodiphenylamine
Concen: 36.578 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	930407		
168	68.1	54.3	81.5	
167	37.4	30.2	45.2	





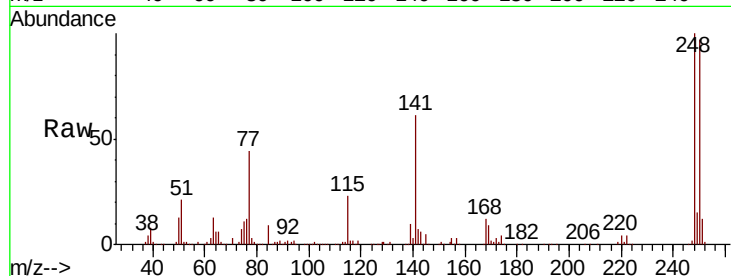
#67
 4-Bromophenyl-phenylether
 Concen: 36.123 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB121483BS

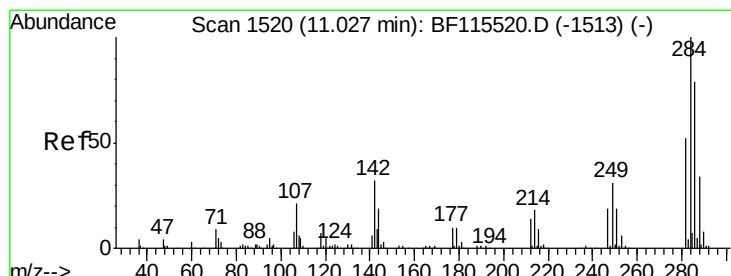
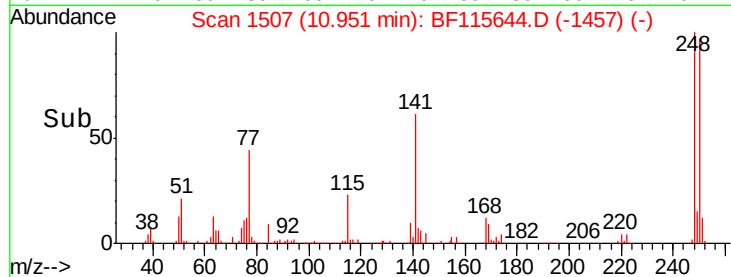
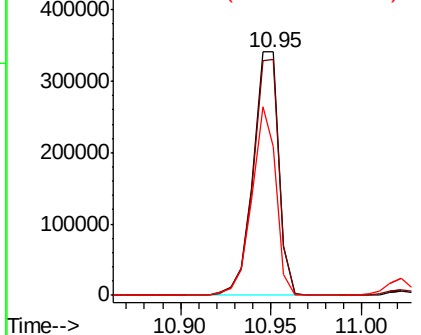
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.0	117.0
141	61.4	57.7	86.5

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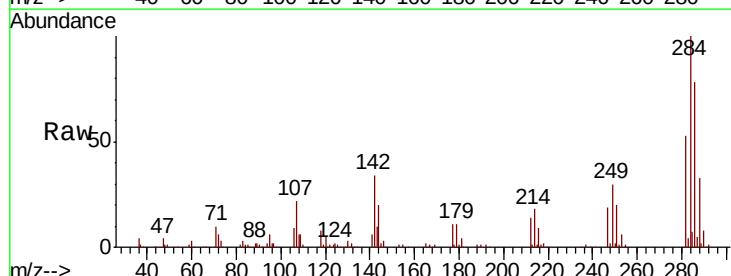


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

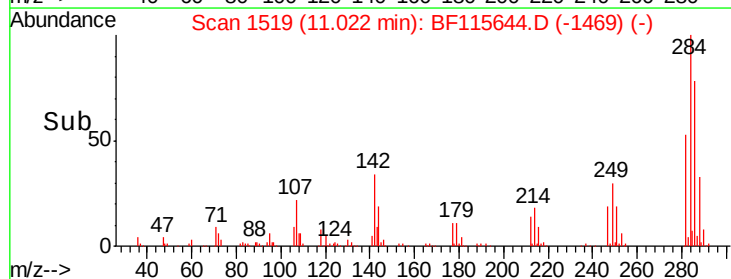
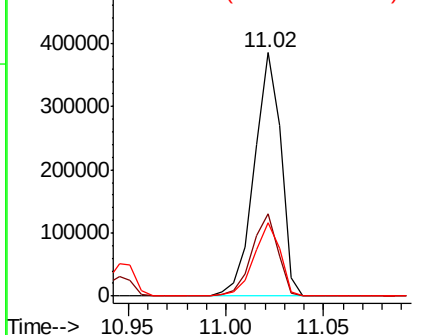


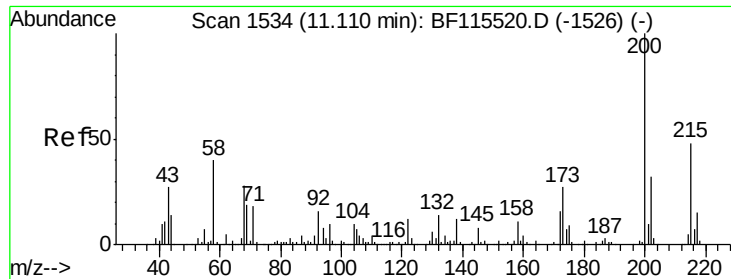
#68
 Hexachlorobenzene
 Concen: 34.152 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	22.2	33.2#
249	30.0	23.4	35.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





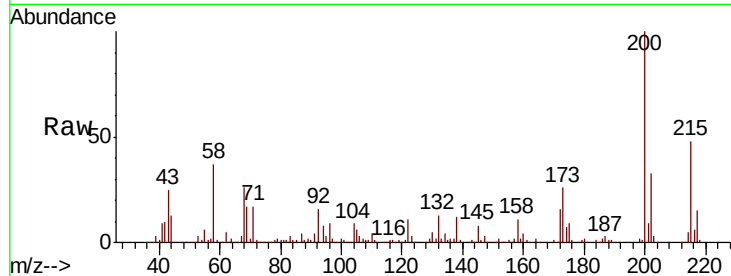
#69
Atrazine
Concen: 31.839 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB121483BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.1	6.9	46.9
215	47.7	27.9	67.9

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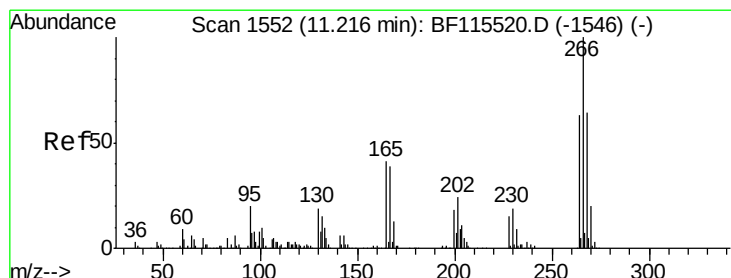
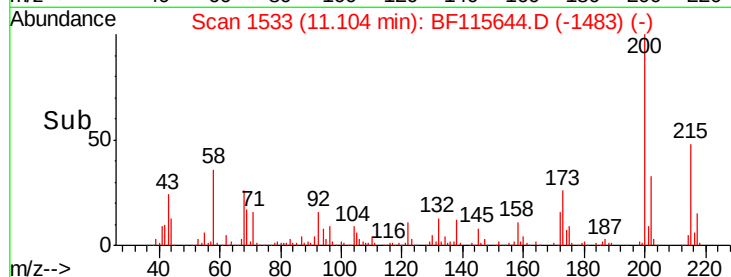
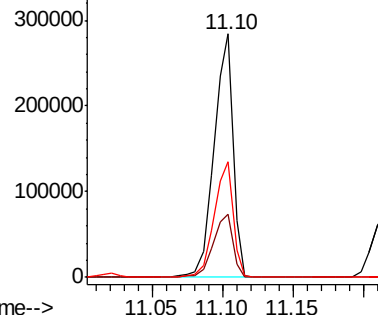


Abundance

Ion 200.00 (199.70 to 200.70): E

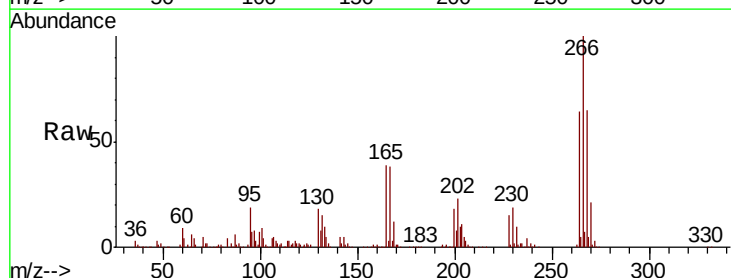
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 62.058 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.0	51.6	77.4
264	64.5	50.6	76.0

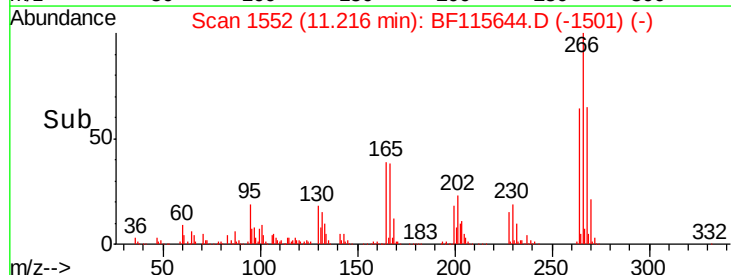
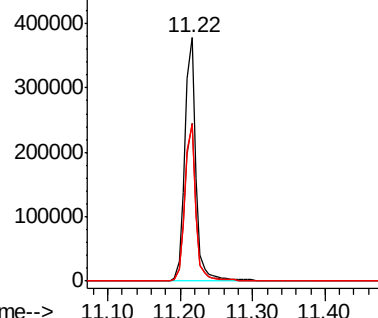


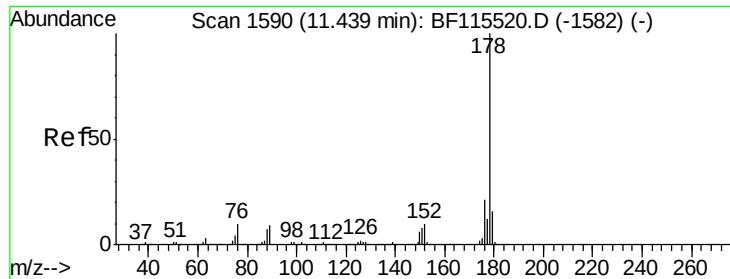
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





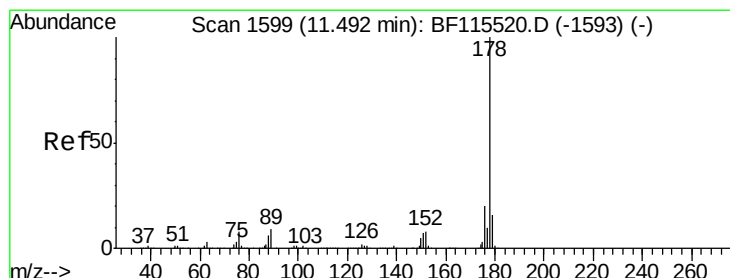
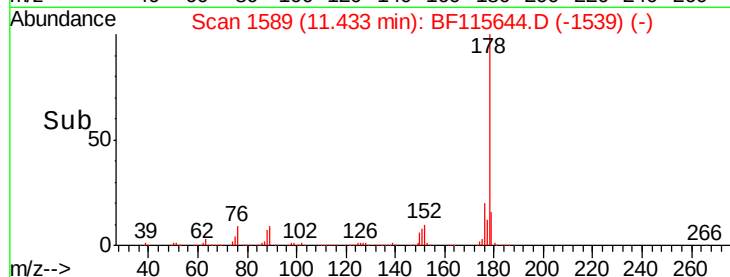
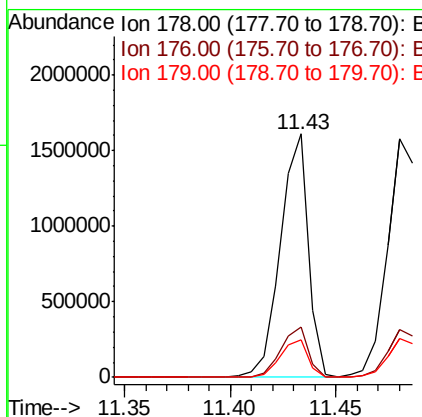
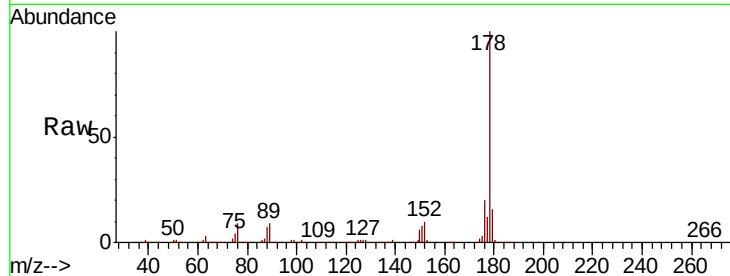
#71
Phenanthrene
Concen: 35.577 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB121483BS

Tot Ion:178 Resp: 1491239
Ion Ratio Lower Upper
178 100
176 20.4 17.2 25.8
179 15.7 13.5 20.3

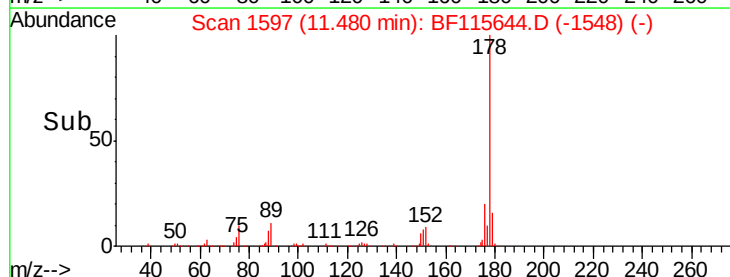
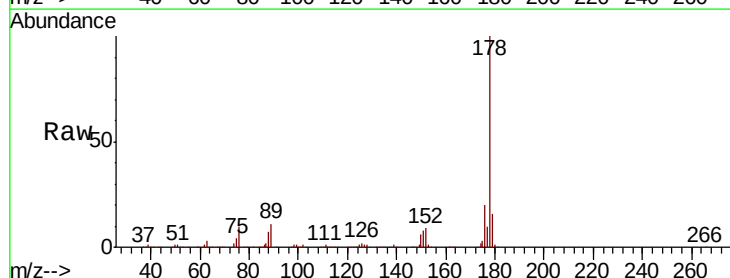
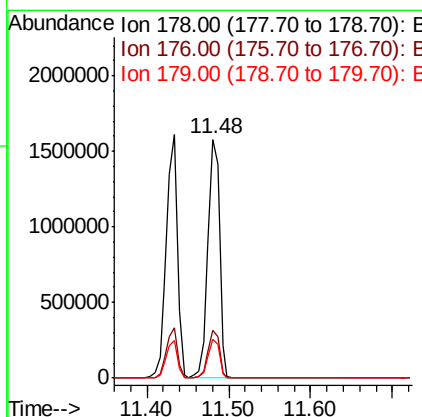
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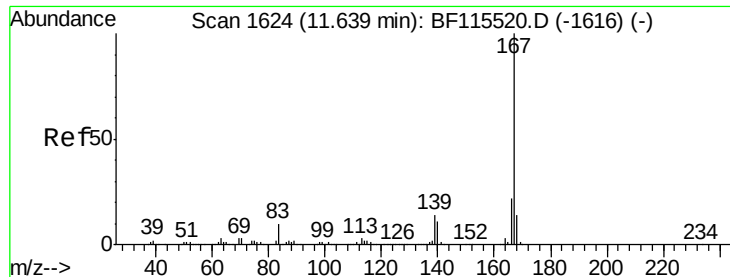
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#72
Anthracene
Concen: 36.120 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion:178 Resp: 1564629
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 16.1 12.7 19.1





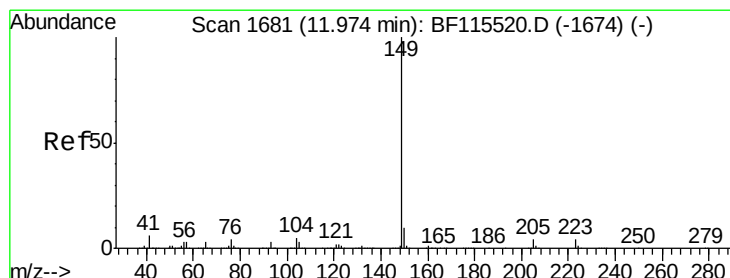
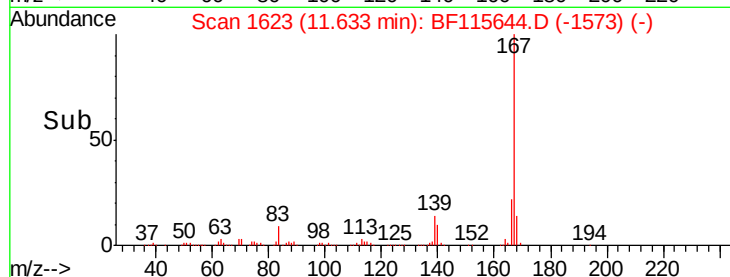
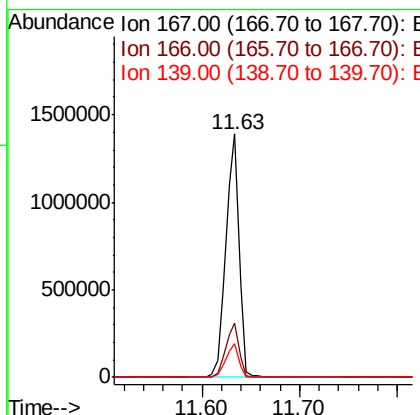
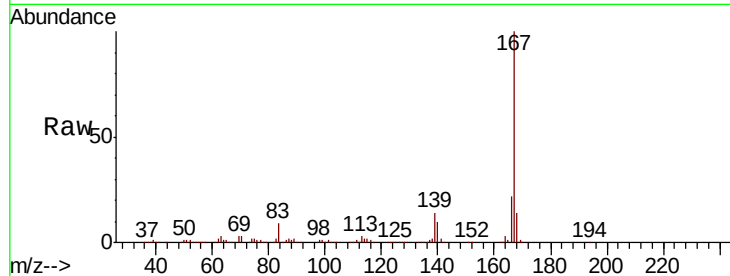
#73
 Carbazole
 Concen: 34.487 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB121483BS

Tot Ion:167 Resp: 1310026
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.6 11.3 16.9

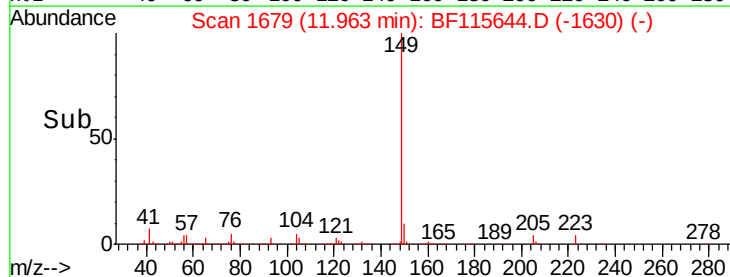
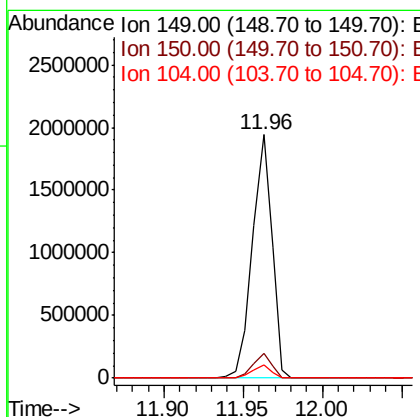
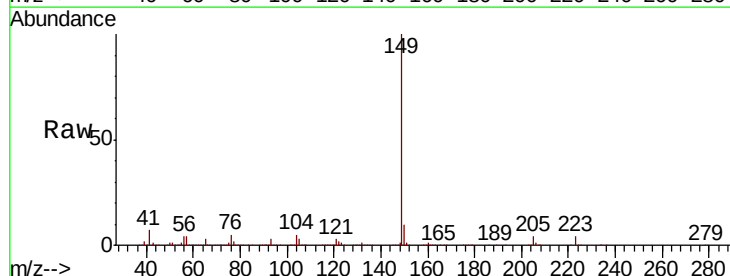
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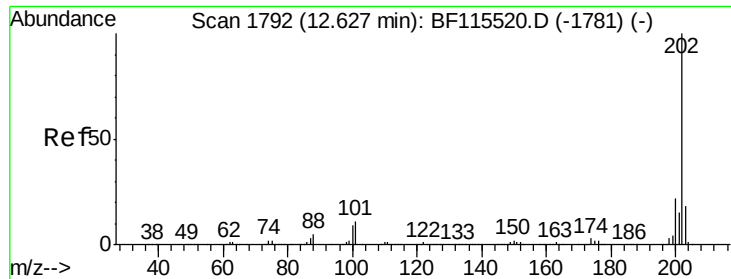
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#74
 Di-n-butylphthalate
 Concen: 35.712 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Tgt Ion:149 Resp: 1670992
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.7 11.5
 104 5.3 3.8 5.8





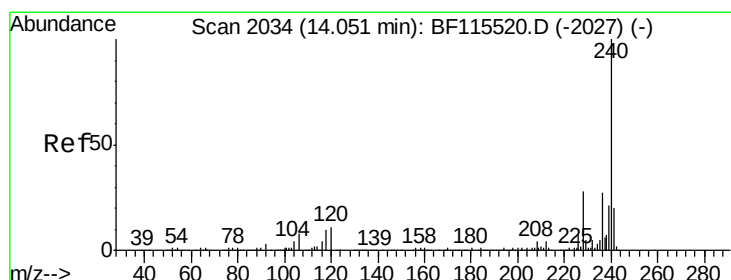
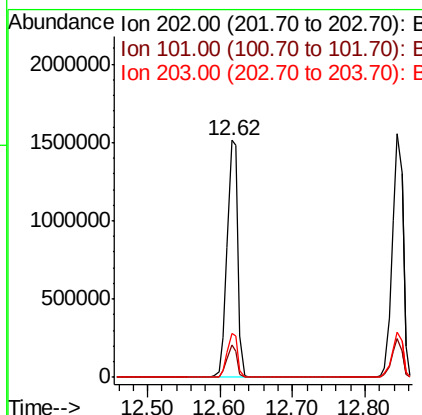
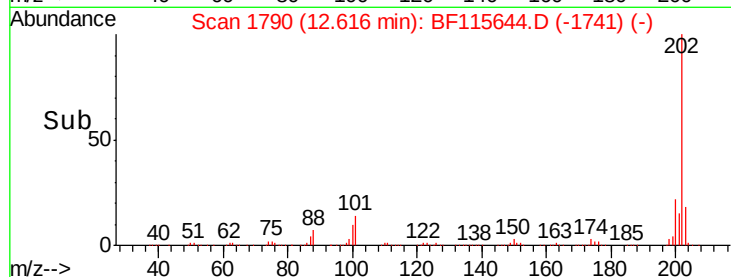
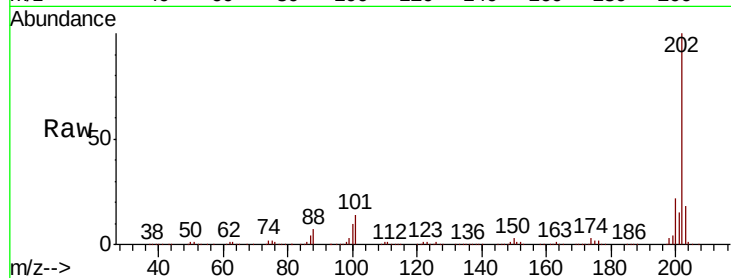
#75
 Fluoranthene
 Concen: 35.358 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB121483BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	31.4
203	18.4	0.0	38.1

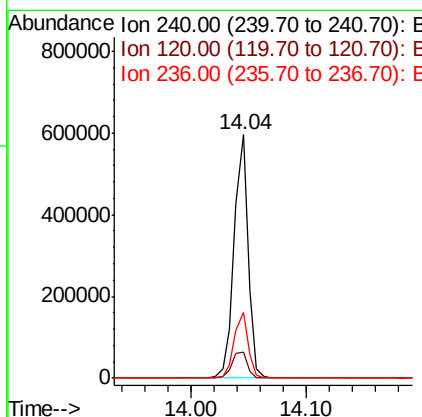
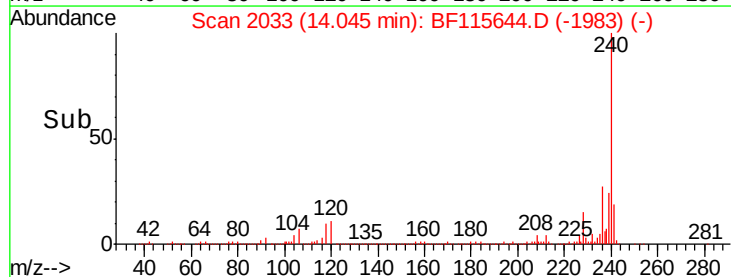
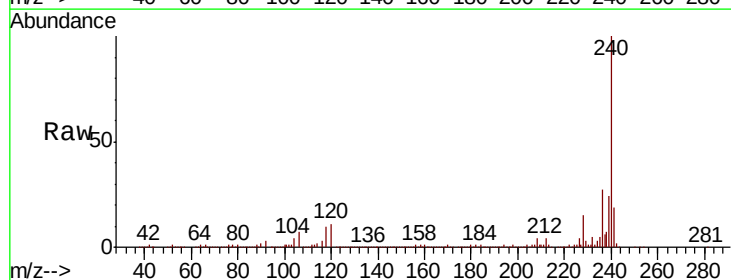
Manual Integrations
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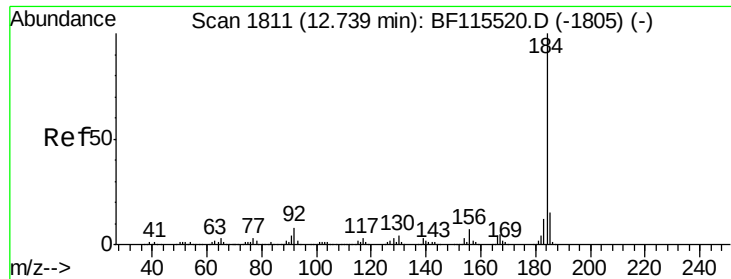
mohammad
 7/19/2019 3:58:16 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.6	13.0
236	27.1	21.3	31.9





#77

Benzidine

Concen: 16.206 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

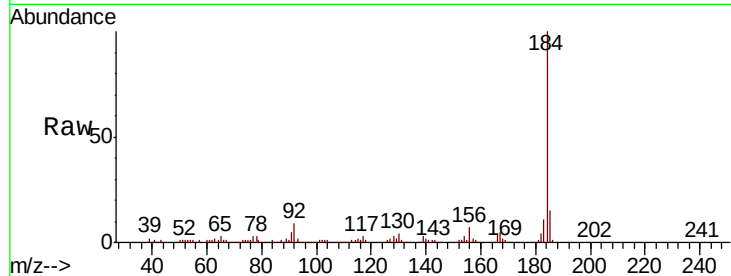
ClientSampleId :

PB121483BS

Tot Ion:	184	Resp:	288019
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.0	18.0
183	11.2	9.3	13.9

Manual Integrations
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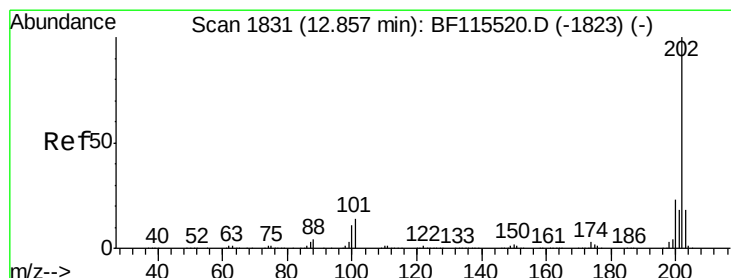
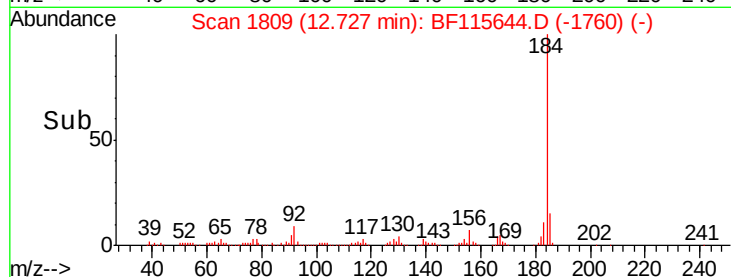
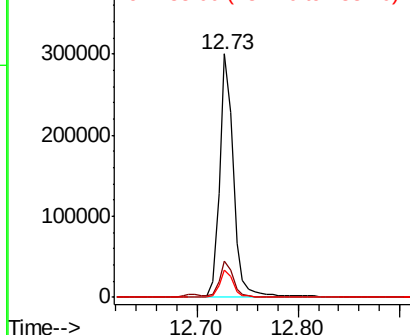


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.603 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

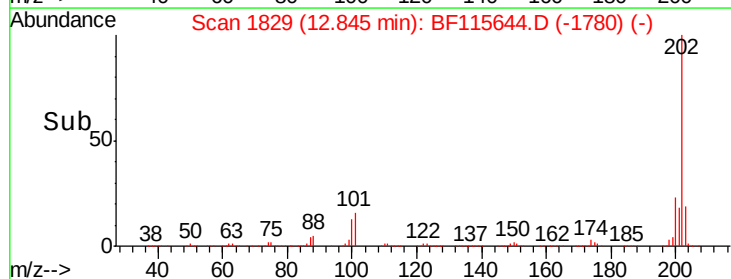
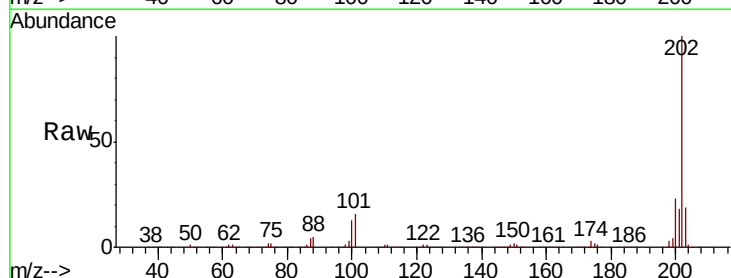
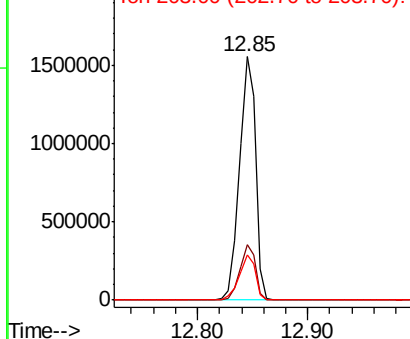
Tgt Ion:	202	Resp:	1598343
Ion Ratio	Lower	Upper	
202	100		
200	22.9	18.7	28.1
203	18.7	15.2	22.8

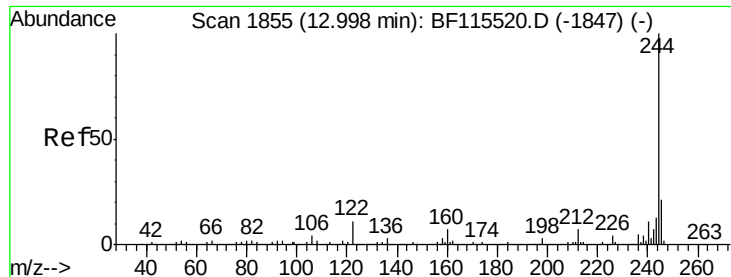
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





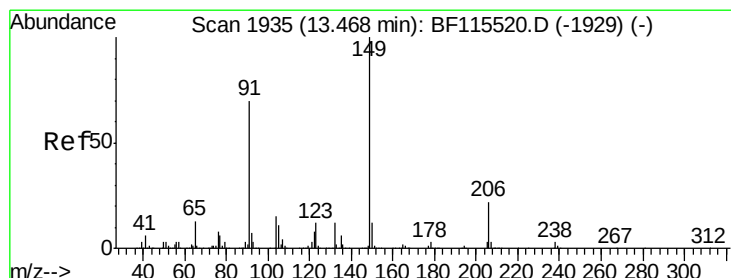
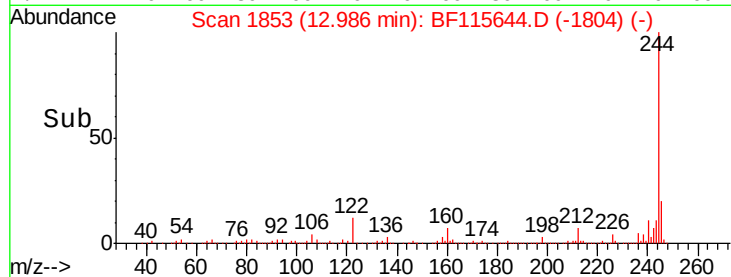
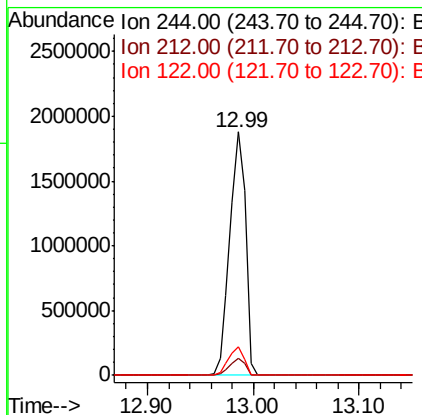
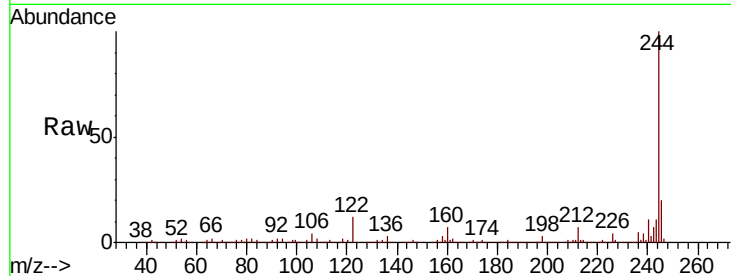
#79
 Terphenyl-d14
 Concen: 71.900 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB121483BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.5	8.6	12.8

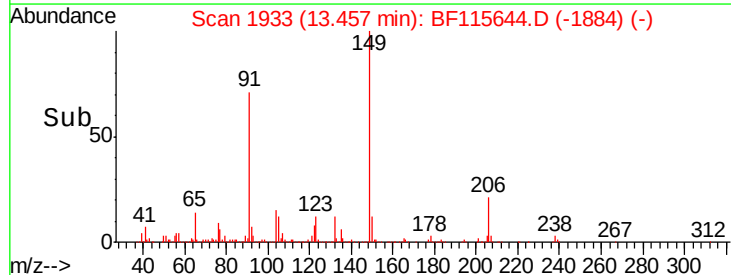
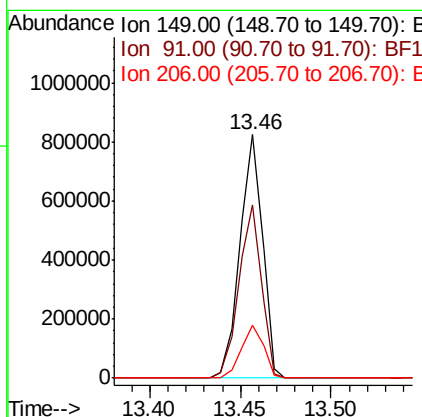
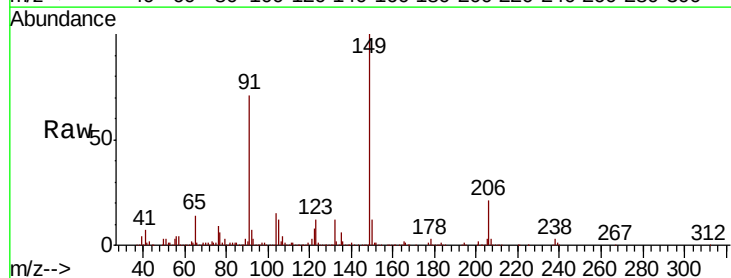
Manual Integrations
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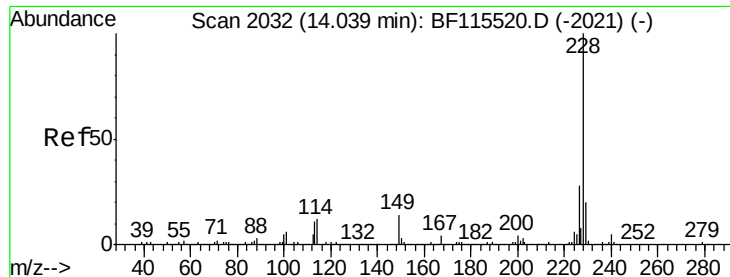
mohammad
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#80
 Butylbenzylphthalate
 Concen: 39.418 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BF115644.D
 Acq: 18 Jul 2019 13:12

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.4	55.8	83.8
206	21.5	18.2	27.2





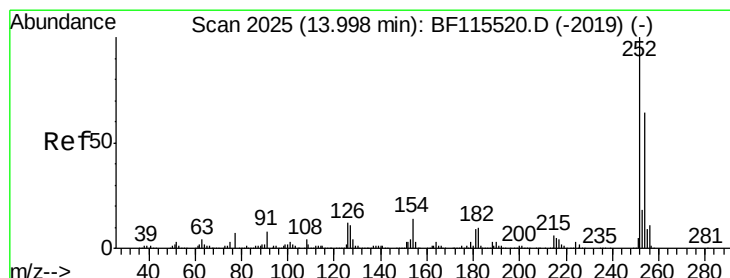
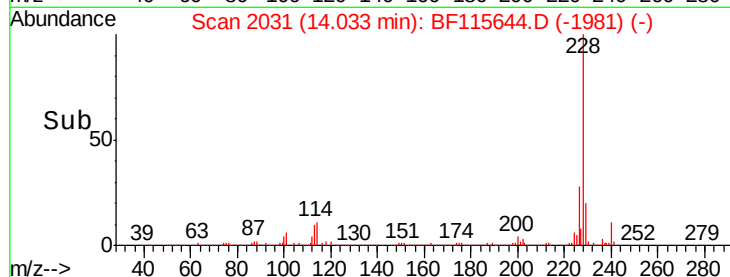
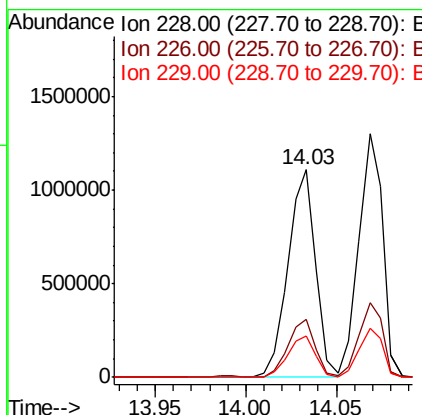
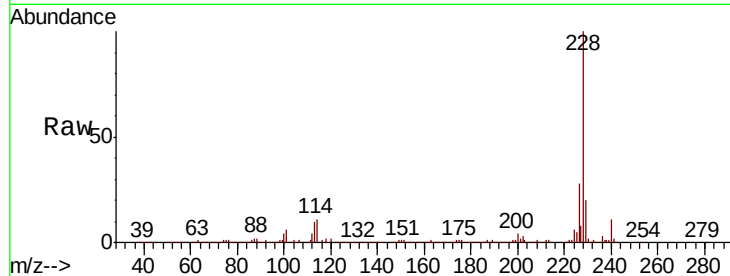
#81
Benzo(a)anthracene
Concen: 35.718 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB121483BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.4	35.0
229	20.2	17.2	25.8

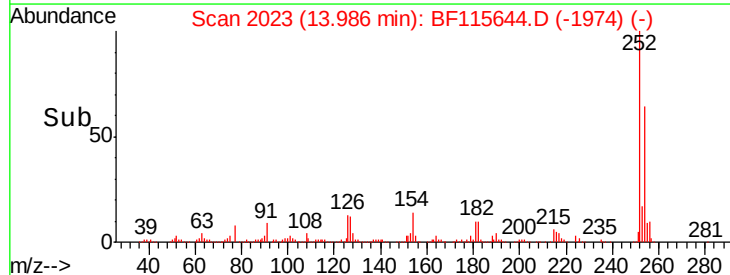
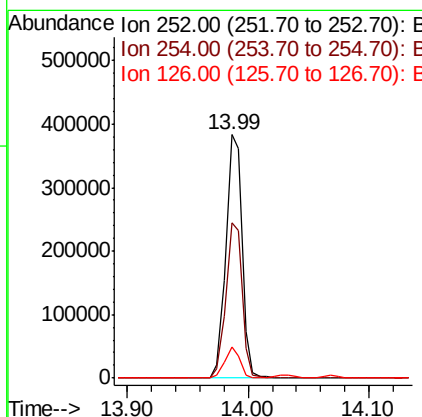
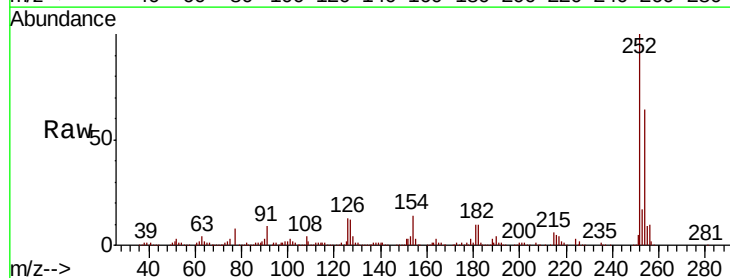
Manual Integrations
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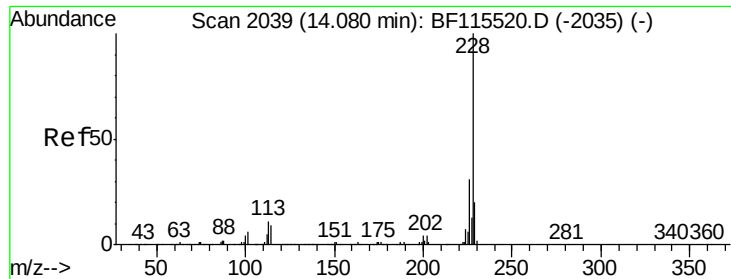
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 30.560 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.9	79.3
126	13.0	9.9	14.9





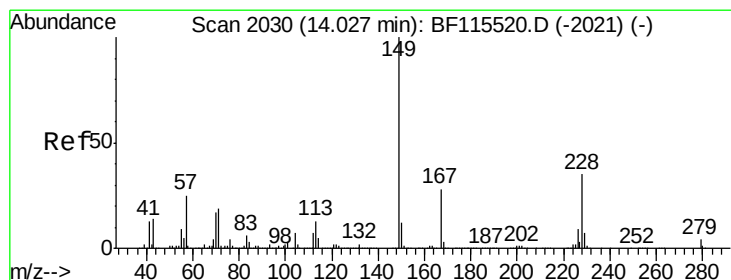
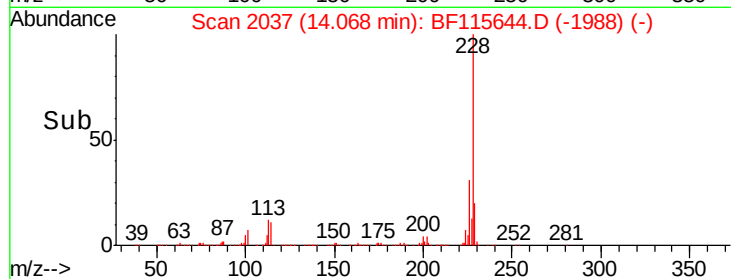
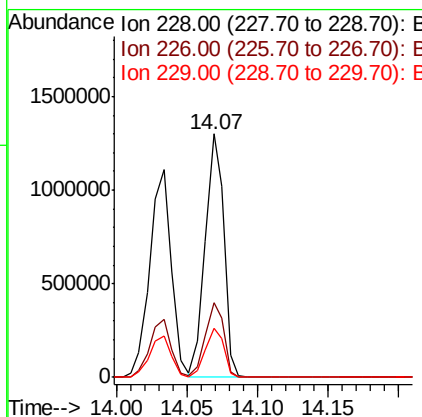
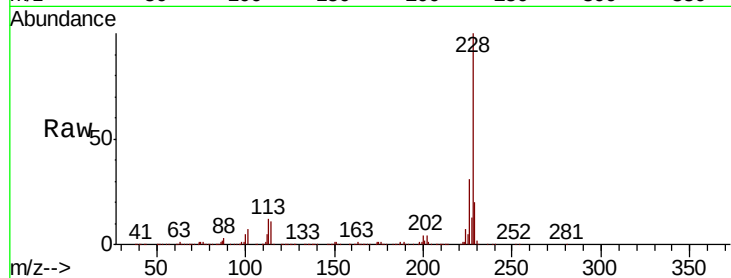
#83
Chrysene
Concen: 35.933 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB121483BS

Tot Ion:228 Resp: 1192236
Ion Ratio Lower Upper
228 100
226 30.5 25.7 38.5
229 20.4 16.6 25.0

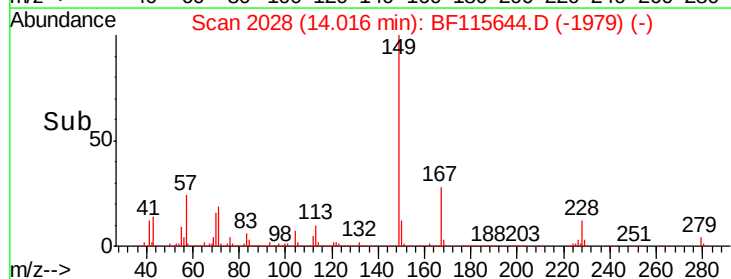
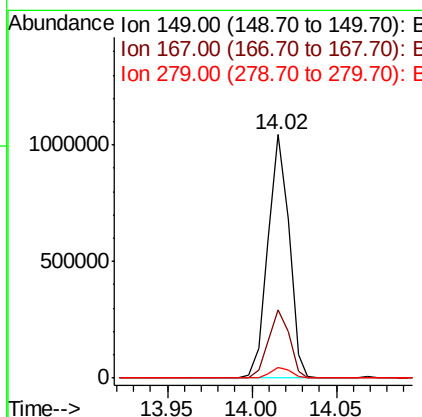
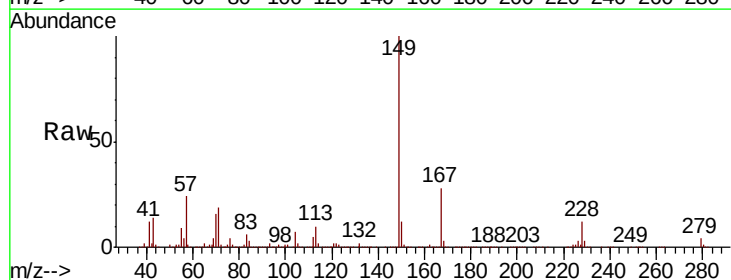
Manual Integrations
APPROVED

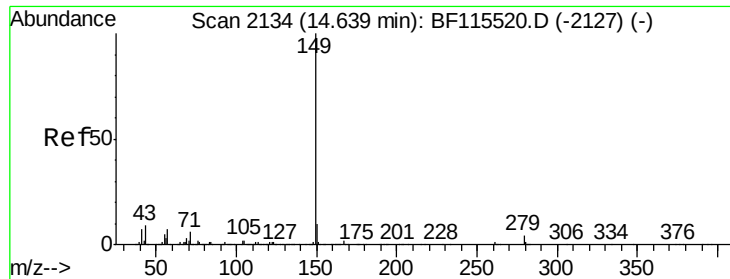
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.400 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion:149 Resp: 906785
Ion Ratio Lower Upper
149 100
167 28.0 23.0 34.4
279 4.2 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 43.519 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

Instrument :

BNA_F

ClientSampleId :

PB121483BS

Tot Ion:149 Resp: 1554147

Ion Ratio Lower Upper

149 100

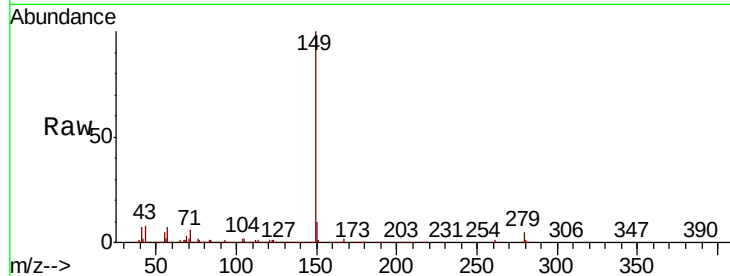
167 1.8 1.4 2.0

43 8.6 7.2 10.8

Manual Integrations
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mohammad

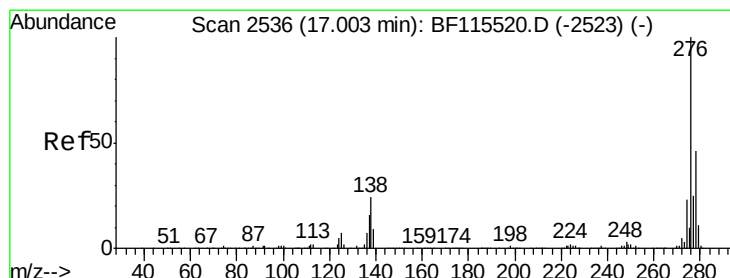
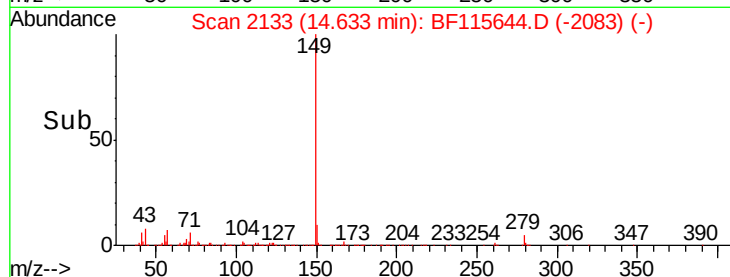
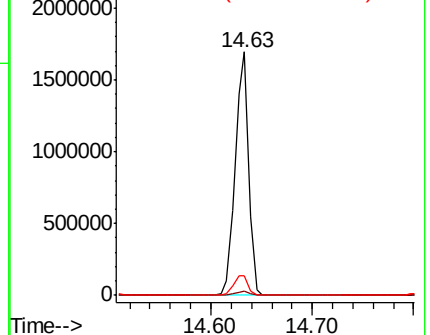
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.155 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF115644.D

Acq: 18 Jul 2019 13:12

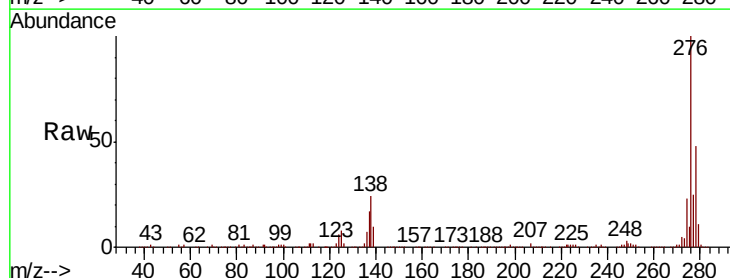
Tgt Ion:276 Resp: 1047357

Ion Ratio Lower Upper

276 100

138 26.3 20.2 30.2

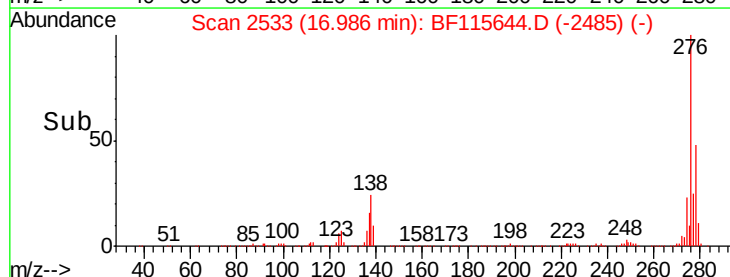
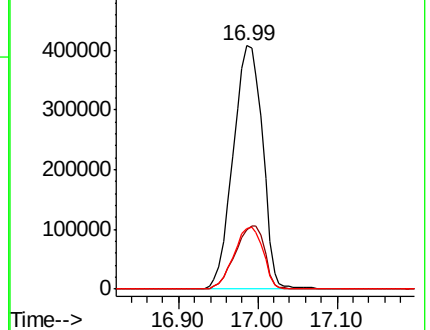
277 25.4 20.4 30.6

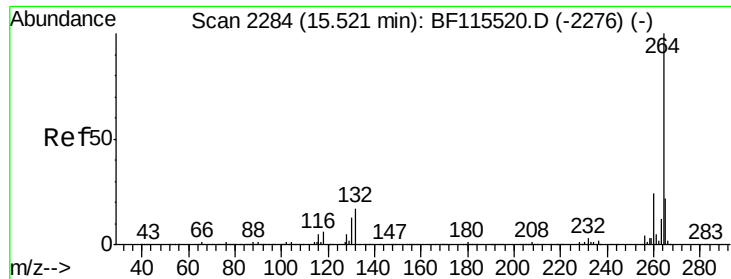


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





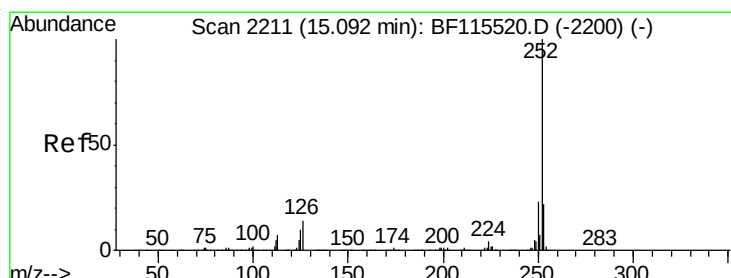
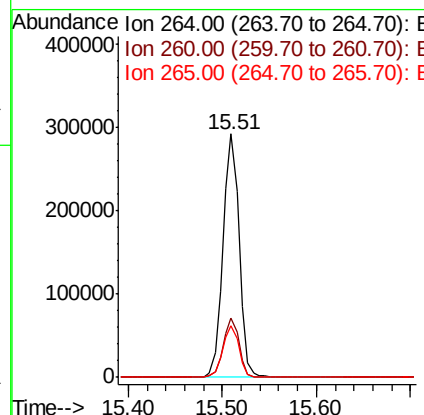
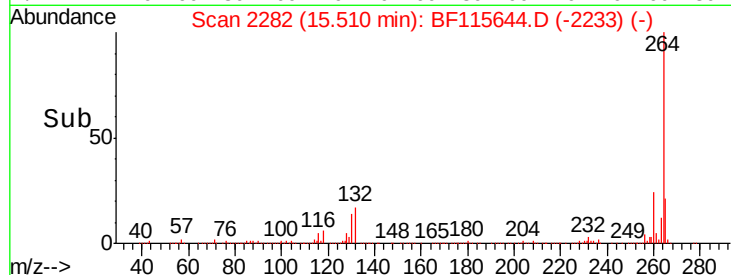
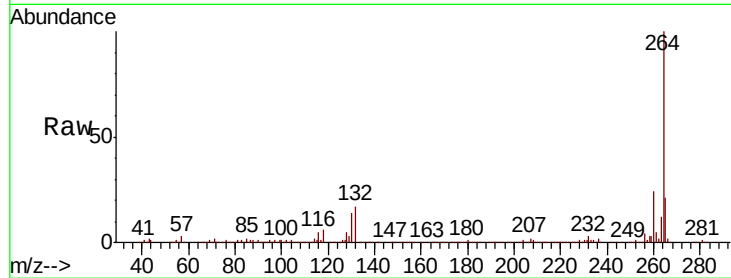
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB121483BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.8
265	21.2	17.7	26.5

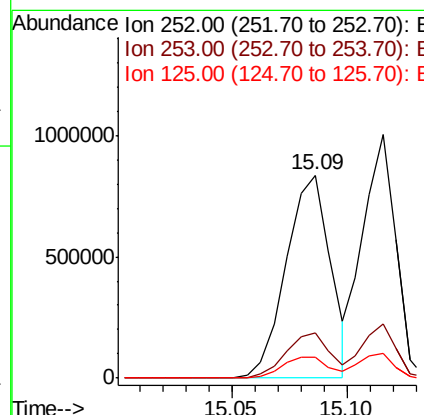
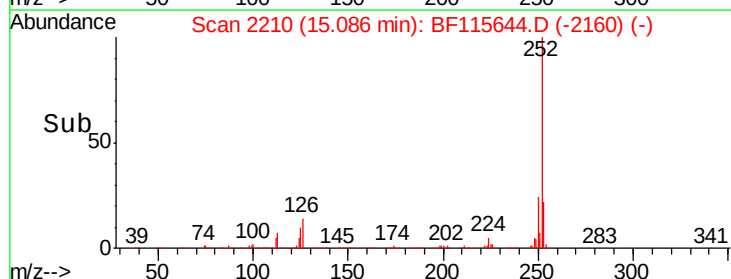
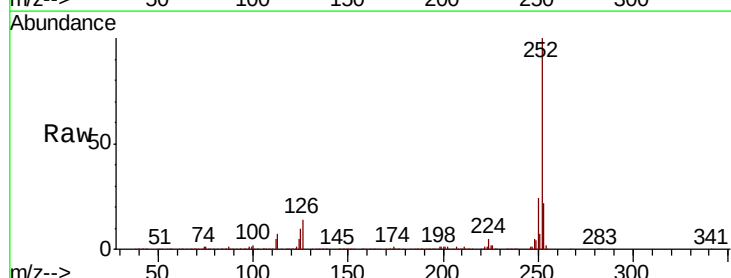
Manual Integrations
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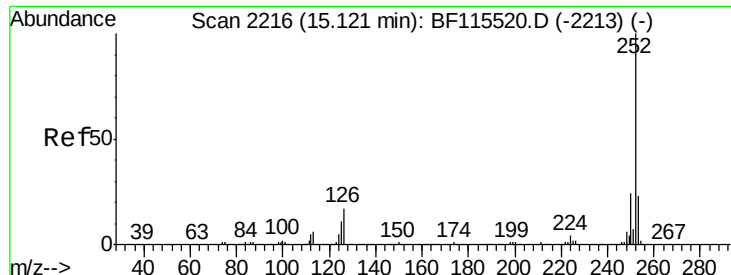
mohammad
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#88
Benzo(b)fluoranthene
Concen: 49.127 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	10.5	9.0	13.4





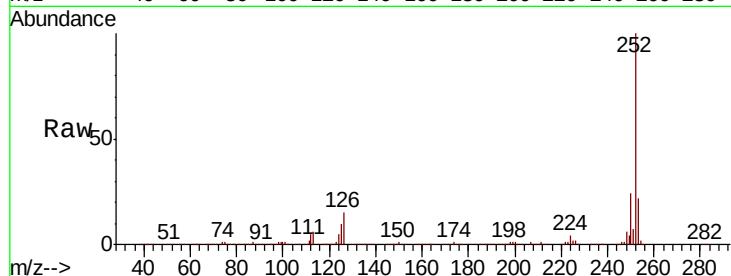
#89
Benzo(k)fluoranthene
Concen: 49.891 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampled :
PB121483BS

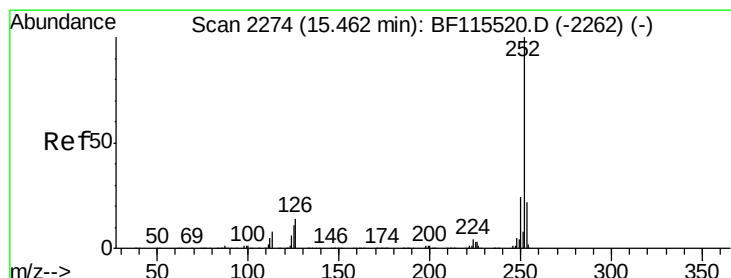
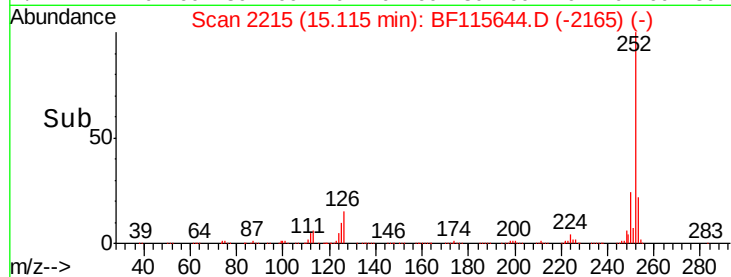
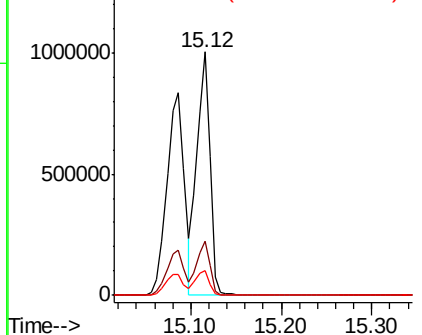
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.6	28.0
125	10.3	9.0	13.6

Manual Integrations
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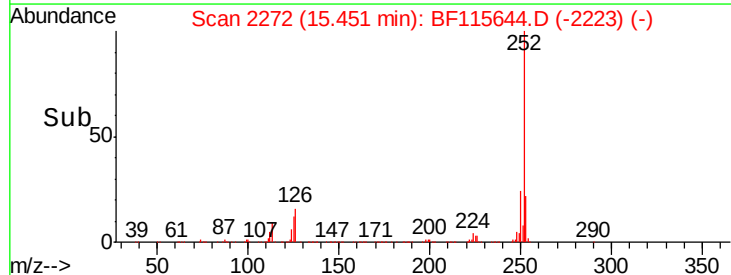
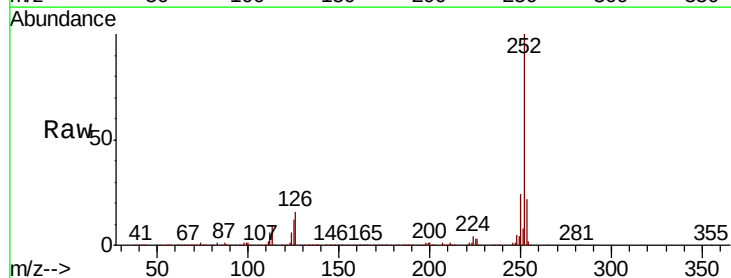
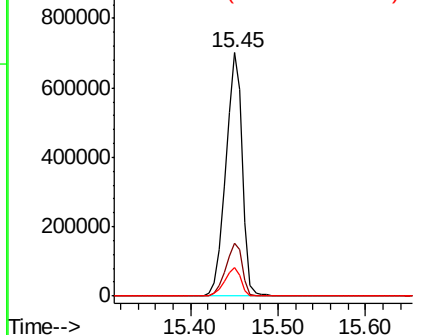
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

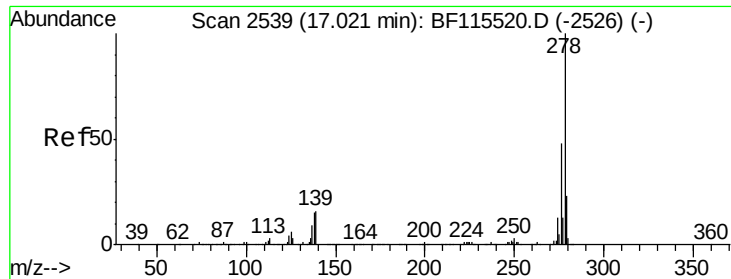


#90
Benzo(a)pyrene
Concen: 46.952 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	12.0	9.1	13.7

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





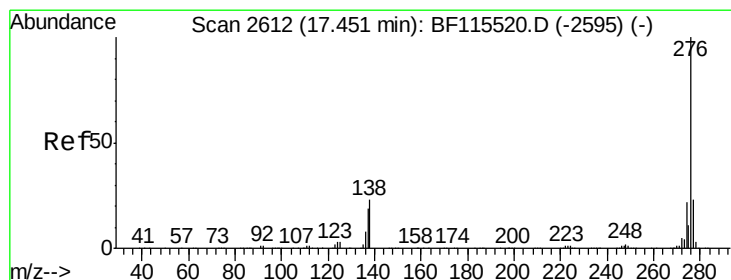
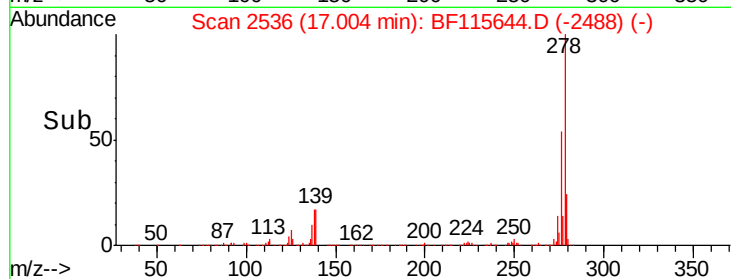
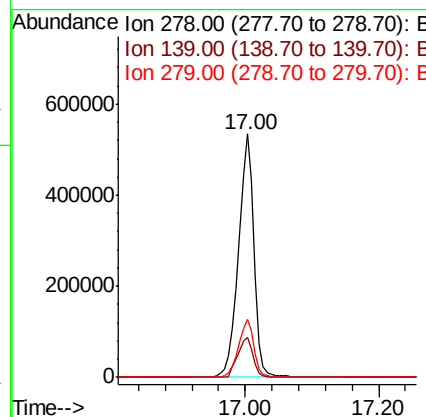
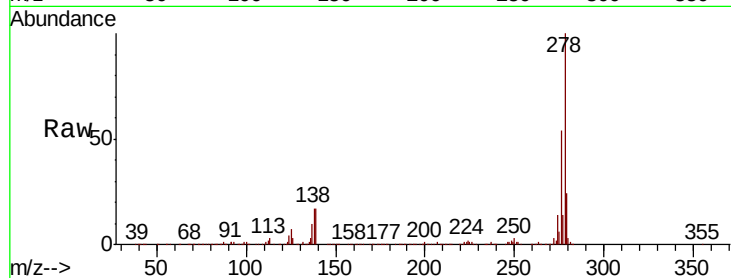
#91
Dibenzo(a,h)anthracene
Concen: 51.074 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Instrument :
BNA_F
ClientSampleId :
PB121483BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.1	19.7
279	23.6	19.6	29.4

Manual Integrations
APPROVED

mohammad
7/19/2019 3:58:16 PM



#92
Benzo(g,h,i)perylene
Concen: 49.955 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.02 min
Lab File: BF115644.D
Acq: 18 Jul 2019 13:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	21.9	17.2	25.8

