

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120884.D
 Acq On : 16 Jul 2020 14:26
 Operator : JU/CG
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 16 15:01:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	149769	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	561332	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	287148	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	545192	20.00	ng	0.00
76) Chrysene-d12	13.97	240	452476	20.00	ng	0.00
86) Perylene-d12	15.42	264	502350	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	711711	77.90	ng	0.00
7) Phenol-d6	6.45	99	912273	77.30	ng	0.00
23) Nitrobenzene-d5	7.38	82	761955	78.54	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	252920	80.47	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1357079	70.56	ng	0.00
79) Terphenyl-d14	12.92	244	1567124	75.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	167156	39.756	ng	100
3) Pyridine	3.23	79	453553	40.550	ng	99
4) n-Nitrosodimethylamine	3.18	42	188260	39.362	ng	99
6) Aniline	6.47	93	597891	38.813	ng	100
8) 2-Chlorophenol	6.60	128	394850	39.233	ng	100
9) Benzaldehyde	6.36	77	227858	39.798	ng	98
10) Phenol	6.46	94	508863	39.199	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	386681	38.866	ng	99
12) 1,3-Dichlorobenzene	6.76	146	423302	38.788	ng	99
13) 1,4-Dichlorobenzene	6.83	146	422549	38.938	ng	99
14) 1,2-Dichlorobenzene	6.99	146	400032	38.966	ng	99
15) Benzyl Alcohol	6.96	79	326148	39.080	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	554360	38.658	ng	99
17) 2-Methylphenol	7.07	107	345530	38.735	ng	99
18) Hexachloroethane	7.33	117	155136	39.498	ng	92
19) n-Nitroso-di-n-propylamine	7.23	70	253526	37.780	ng	98
20) 3+4-Methylphenols	7.22	107	408429	35.993	ng	98
22) Acetophenone	7.23	105	480269	38.123	ng	99
24) Nitrobenzene	7.40	77	409841	39.198	ng	100
25) Isophorone	7.64	82	739361	38.188	ng	99
26) 2-Nitrophenol	7.72	139	203947	41.070	ng	100
27) 2,4-Dimethylphenol	7.75	122	316002	39.194	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	457953	38.749	ng	99
29) 2,4-Dichlorophenol	7.95	162	320553	38.908	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	355227	38.863	ng	99
31) Naphthalene	8.12	128	1107181	38.452	ng	100
32) Benzoic acid	7.86	122	272532	45.030	ng	98
33) 4-Chloroaniline	8.17	127	493446	38.416	ng	100
34) Hexachlorobutadiene	8.24	225	211800	39.306	ng	98
35) Caprolactam	8.54	113	103645	39.229	ng	98
36) 4-Chloro-3-methylphenol	8.65	107	328574	38.886	ng	100
37) 2-Methylnaphthalene	8.81	142	729290	39.008	ng	98
38) 1-Methylnaphthalene	8.91	142	688694	38.894	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	332468	39.739	ng	100

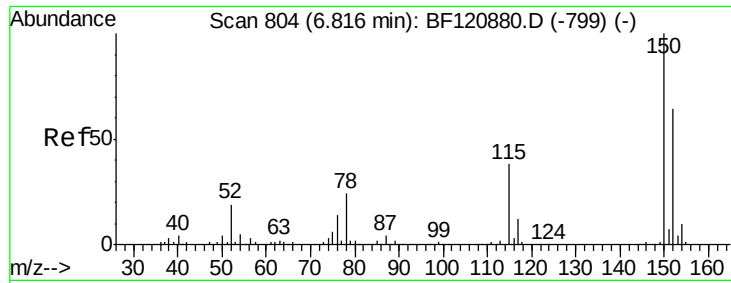
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120884.D
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 Operator : JU/CG
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 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	190661	41.234	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	232715	39.506	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	269176	40.284	ng	98
46) 1,1'-Biphenyl	9.27	154	870174	39.727	ng	99
47) 2-Chloronaphthalene	9.30	162	698830	39.132	ng	100
48) 2-Nitroaniline	9.39	65	218544	40.495	ng	99
49) Acenaphthylene	9.72	152	1079227	38.901	ng	100
50) Dimethylphthalate	9.58	163	802441	38.735	ng	100
51) 2,6-Dinitrotoluene	9.64	165	178736	40.160	ng	87
52) Acenaphthene	9.89	154	694538	39.377	ng	100
53) 3-Nitroaniline	9.80	138	222984	39.948	ng	97
54) 2,4-Dinitrophenol	9.90	184	86375	37.670	ng	99
55) Dibenzofuran	10.06	168	988757	38.765	ng	98
56) 4-Nitrophenol	9.96	139	169948	40.081	ng	97
57) 2,4-Dinitrotoluene	10.04	165	240778	41.197	ng	99
58) Fluorene	10.40	166	713177	37.489	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	206821	40.653	ng	99
60) Diethylphthalate	10.27	149	832126	39.713	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	365590	36.031	ng	98
62) 4-Nitroaniline	10.42	138	221237	40.689	ng	99
63) Azobenzene	10.56	77	776208	38.911	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	119681	38.736	ng	97
66) n-Nitrosodiphenylamine	10.51	169	681405	39.731	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	243374	40.039	ng	# 90
68) Hexachlorobenzene	10.95	284	261310	39.741	ng	99
69) Atrazine	11.04	200	164761	38.790	ng	100
70) Pentachlorophenol	11.14	266	160711	42.664	ng	100
71) Phenanthrene	11.36	178	1096791	39.116	ng	100
72) Anthracene	11.42	178	1113448	39.546	ng	99
73) Carbazole	11.57	167	1101689	39.428	ng	99
74) Di-n-butylphthalate	11.90	149	1286361	39.894	ng	100
75) Fluoranthene	12.55	202	1218258	39.198	ng	97
77) Benzidine	12.67	184	496427	41.729	ng	99
78) Pyrene	12.77	202	1279265	39.989	ng	100
80) Butylbenzylphthalate	13.40	149	582281	40.831	ng	98
81) Benzo(a)anthracene	13.96	228	1061338	38.735	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	411048	39.764	ng	98
83) Chrysene	14.00	228	1144956	39.763	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	694950	39.519	ng	# 99
85) Di-n-octyl phthalate	14.57	149	1406717	40.208	ng	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1389204	39.764	ng	100
88) Benzo(b)fluoranthene	15.00	252	1189655	39.178	ng	100
89) Benzo(k)fluoranthene	15.03	252	1153331	41.647	ng	99
90) Benzo(a)pyrene	15.36	252	1120678	40.452	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	1156629	40.529	ng	98
92) Benzo(g,h,i)perylene	17.29	276	1102664	39.187	ng	99

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

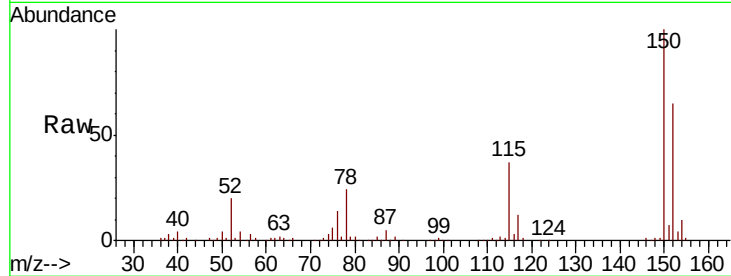


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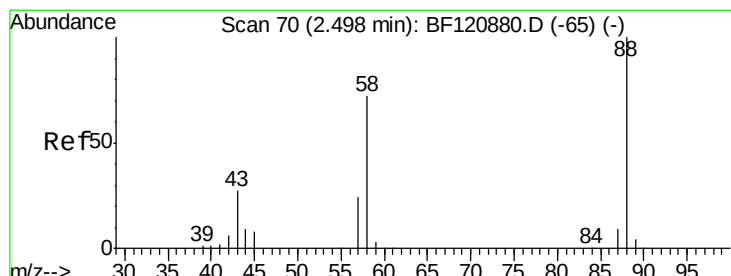
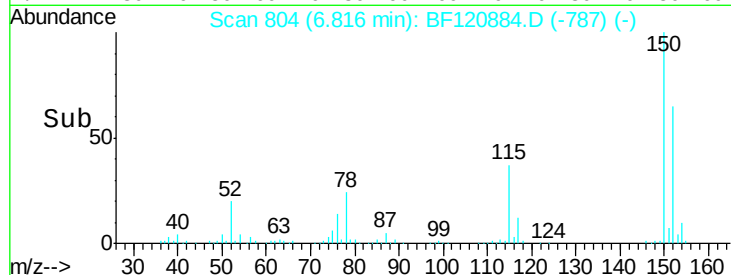
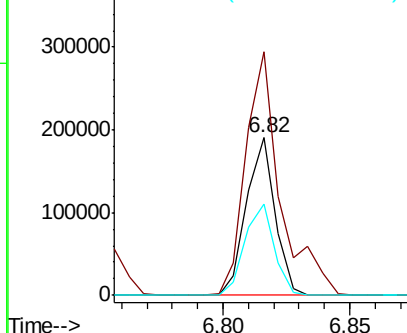
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 149769
Ion Ratio Lower Upper
152 100
150 154.5 125.0 187.6
115 57.9 47.0 70.4



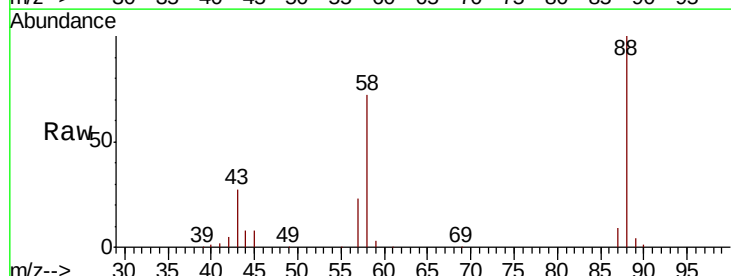
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



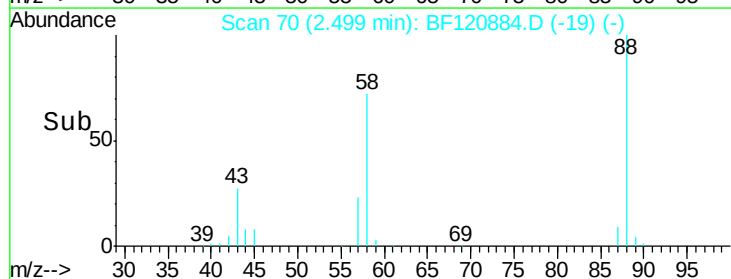
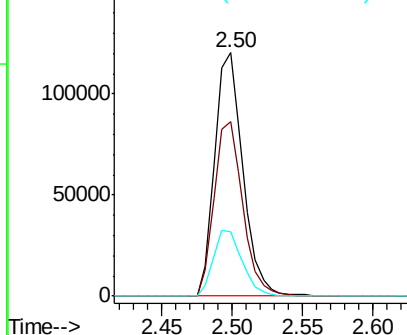
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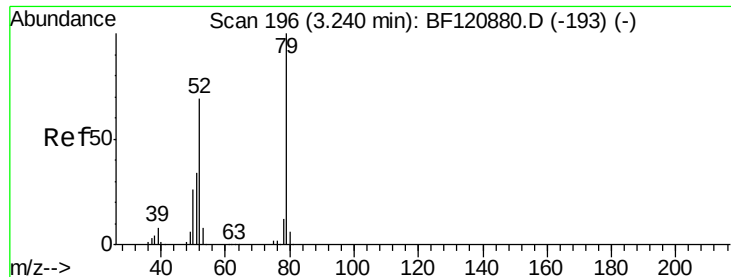
1,4-Dioxane
Concen: 39.756 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion: 88 Resp: 167156
Ion Ratio Lower Upper
88 100
58 72.6 58.2 87.2
43 27.8 22.1 33.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

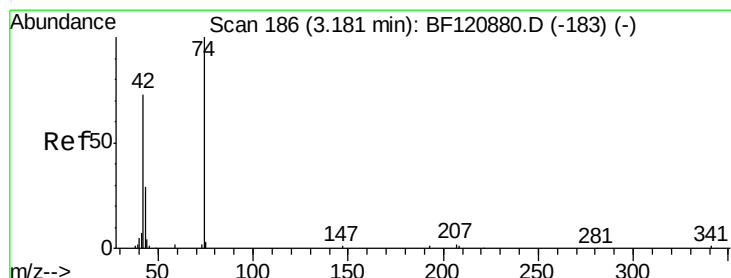
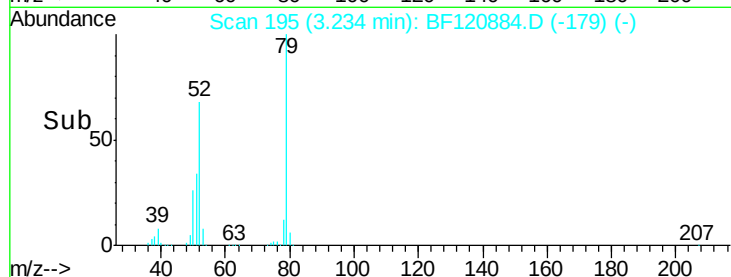
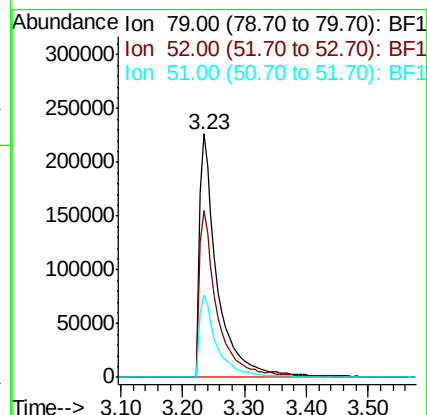
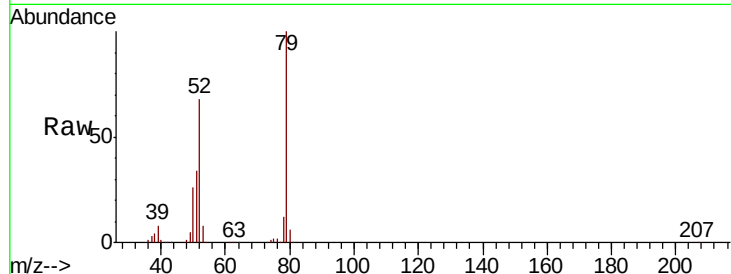




#3
 Pvridine
 Concen: 40.550 ng
 RT: 3.23 min Scan# 195
 Delta R.T. -0.01 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

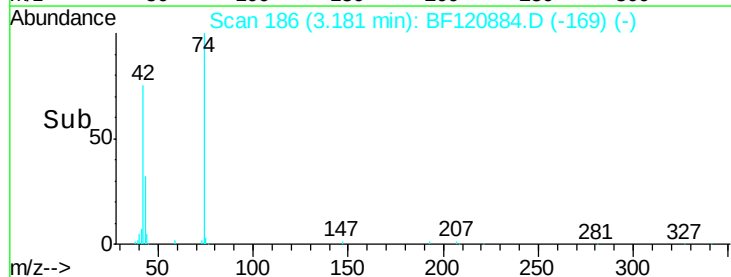
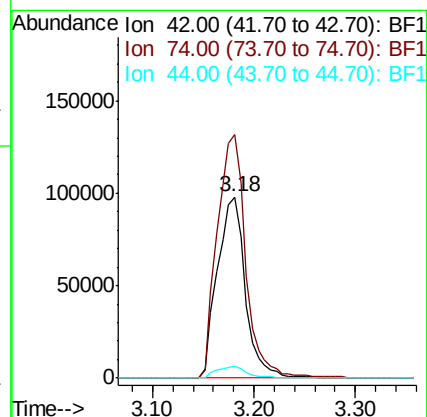
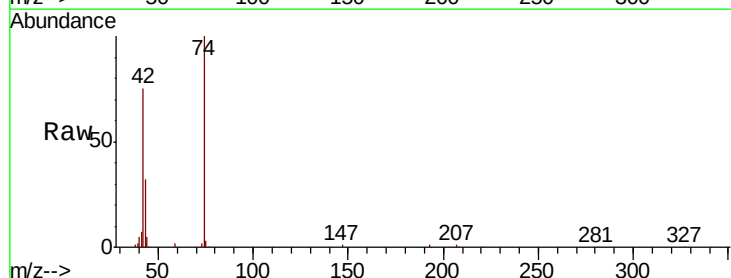
Instrument :
 BNA_P
 ClientSampleId :

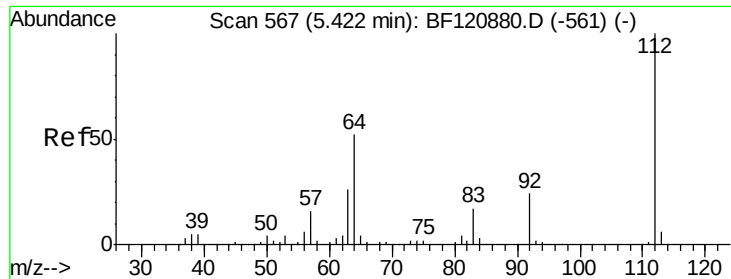
Tot Ion	Ratio	Lower	Upper
79	100		
52	68.3	55.0	82.6
51	33.9	26.9	40.3



#4
 n-Nitrosodimethylamine
 Concen: 39.362 ng
 RT: 3.18 min Scan# 186
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.2	108.7	163.1
44	6.5	5.2	7.8





#5

2-Fluorophenol

Concen: 77.903 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_P

ClientSampled :

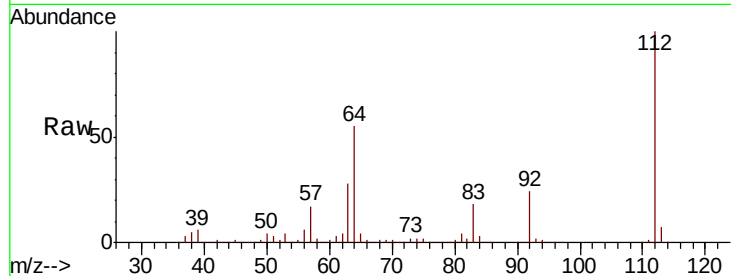
Tot Ion:112 Resp: 711711

Ion Ratio Lower Upper

112 100

64 55.3 41.3 61.9

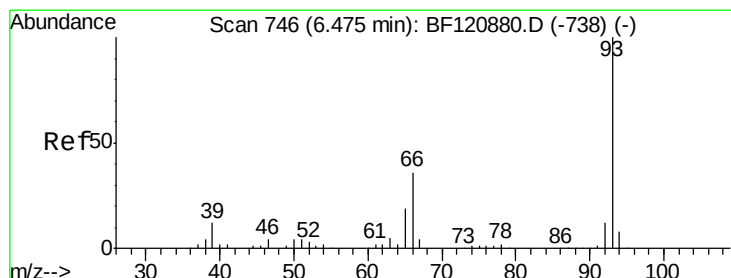
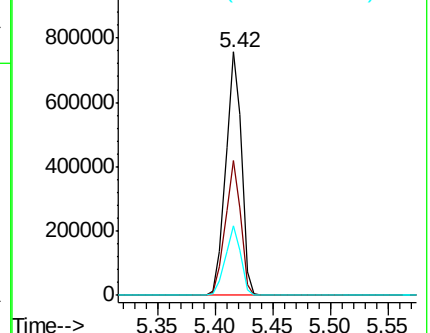
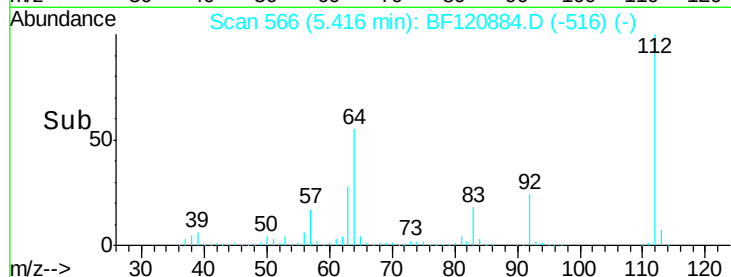
63 28.4 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.813 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

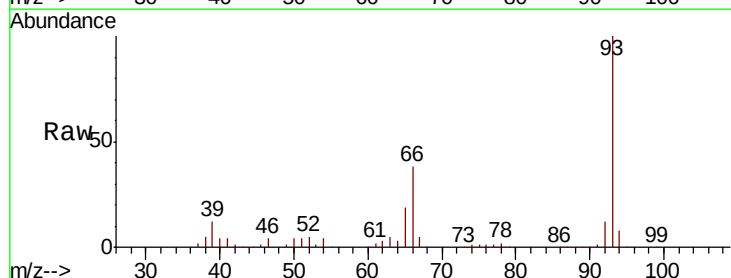
Tgt Ion: 93 Resp: 597891

Ion Ratio Lower Upper

93 100

66 37.7 30.2 45.4

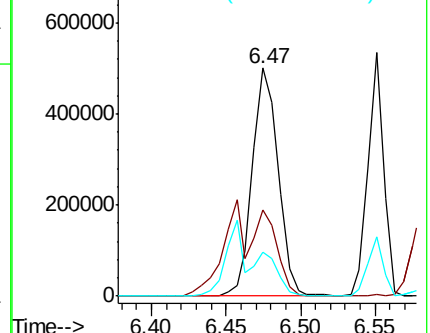
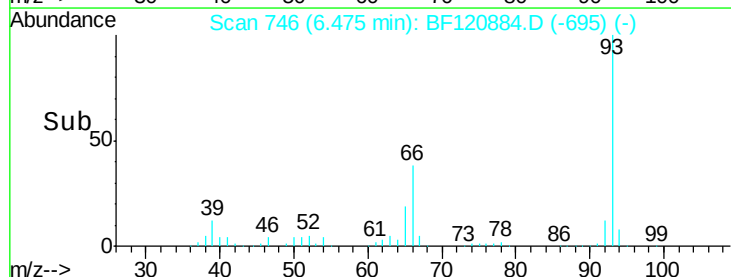
65 19.3 15.8 23.6

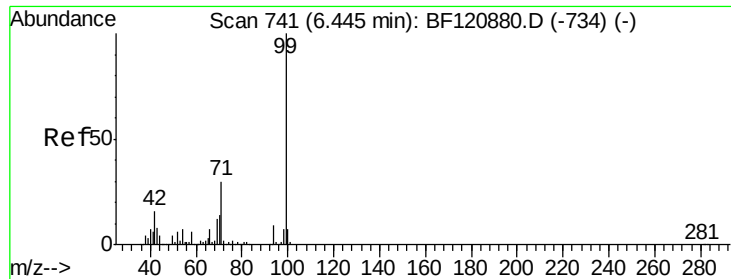


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.304 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_P

ClientSampled :

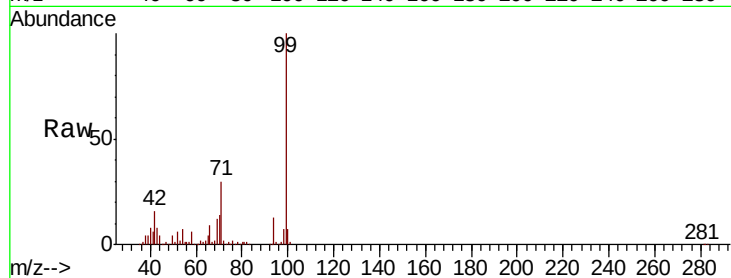
Tot Ion: 99 Resp: 912273

Ion Ratio Lower Upper

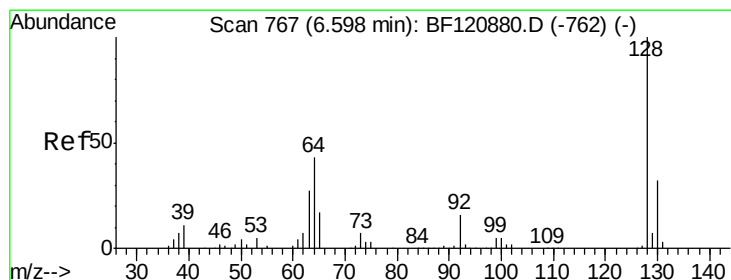
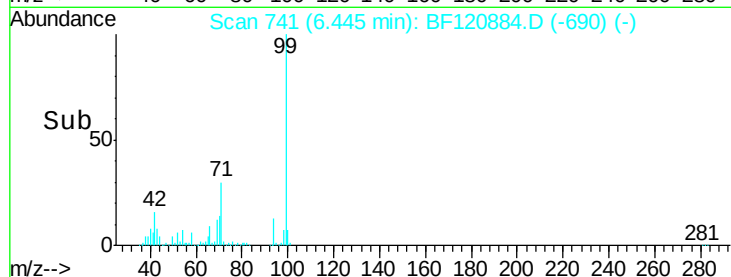
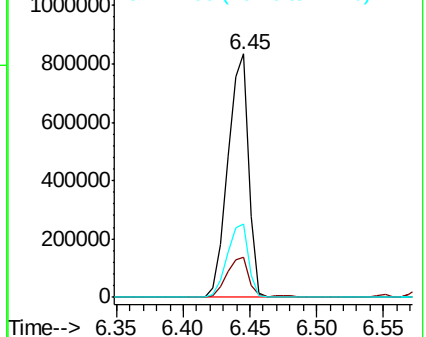
99 100

42 16.4 13.1 19.7

71 30.2 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.233 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

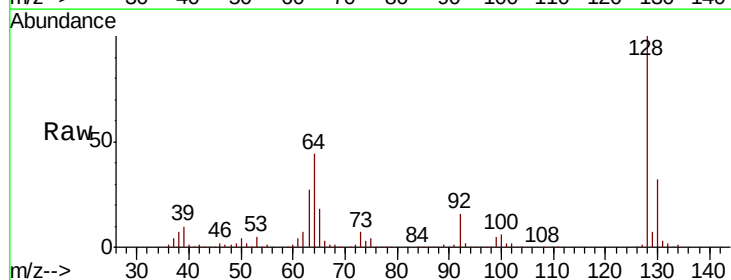
Tgt Ion: 128 Resp: 394850

Ion Ratio Lower Upper

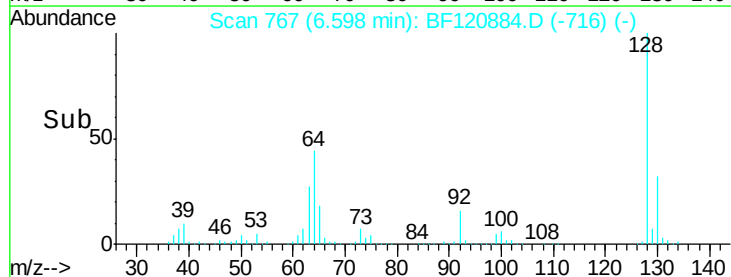
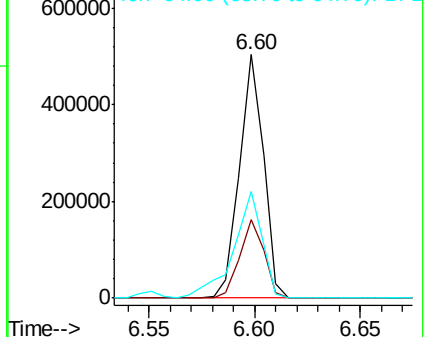
128 100

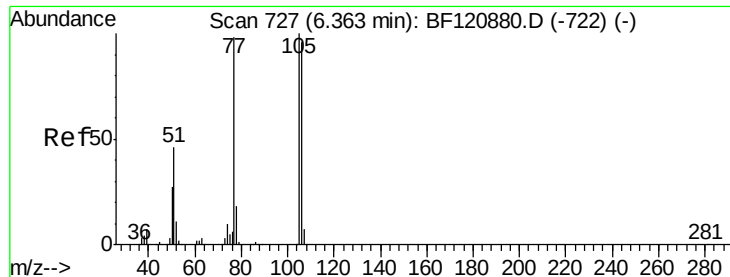
130 32.0 12.1 52.1

64 43.9 24.0 64.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.798 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_P

ClientSampleId :

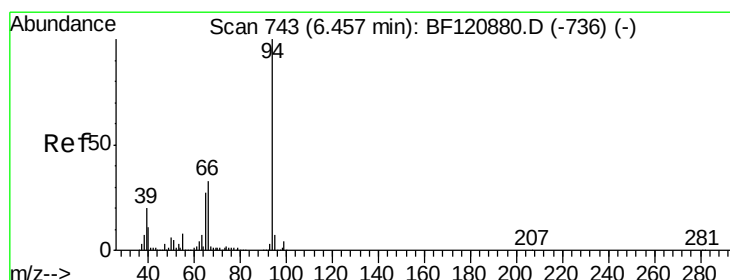
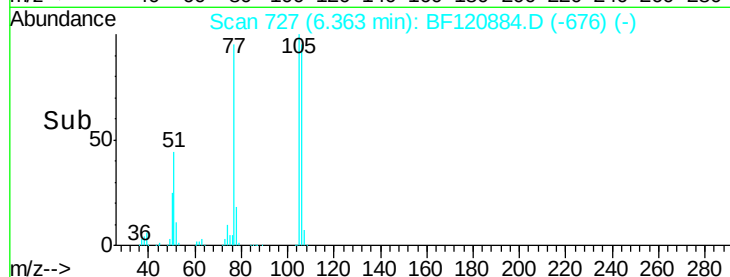
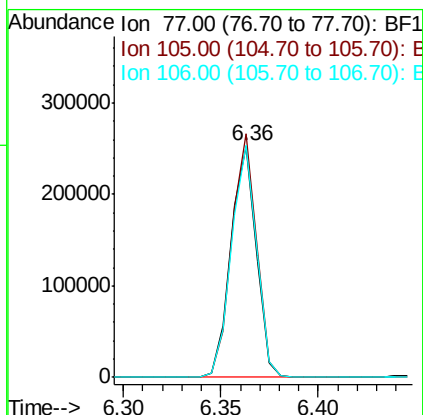
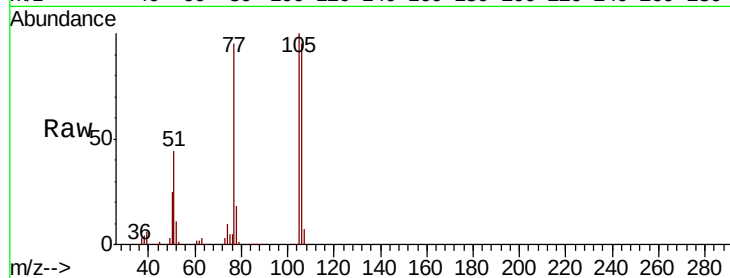
Tot Ion: 77 Resp: 227858

Ion Ratio Lower Upper

77 100

105 105.4 82.5 122.5

106 100.6 78.7 118.7



#10

Phenol

Concen: 39.199 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

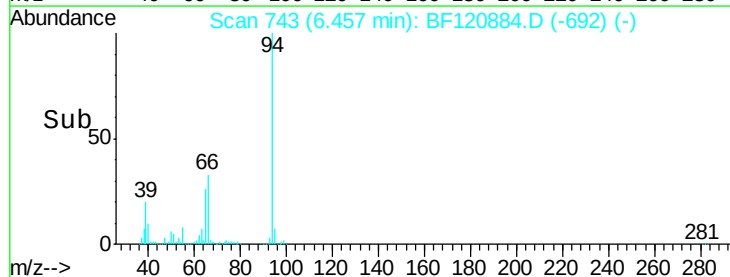
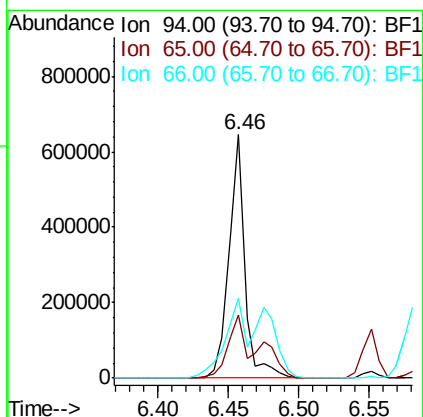
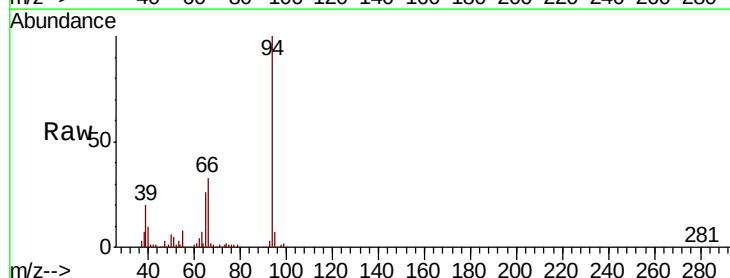
Tgt Ion: 94 Resp: 508863

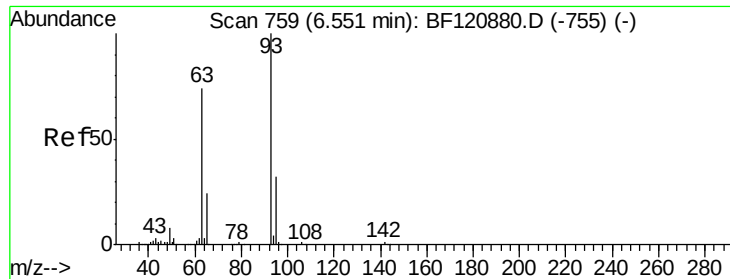
Ion Ratio Lower Upper

94 100

65 26.0 6.6 46.6

66 32.6 13.2 53.2

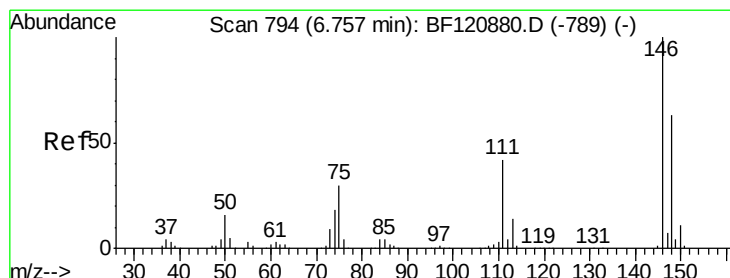
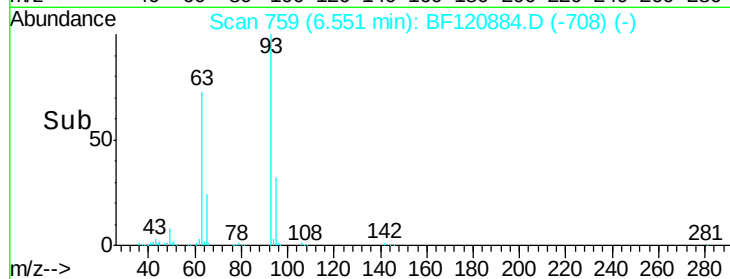
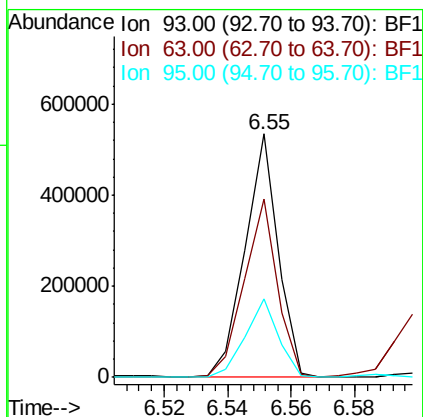
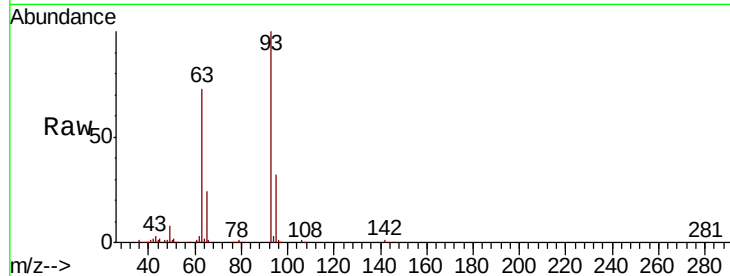




#11
 bis(2-Chloroethyl)ether
 Concen: 38.866 ng
 RT: 6.55 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

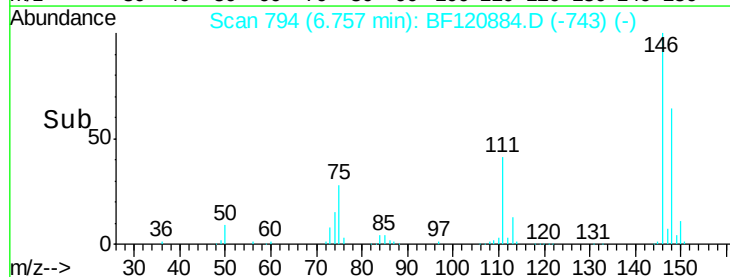
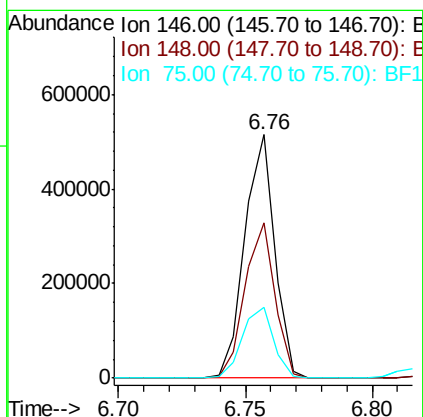
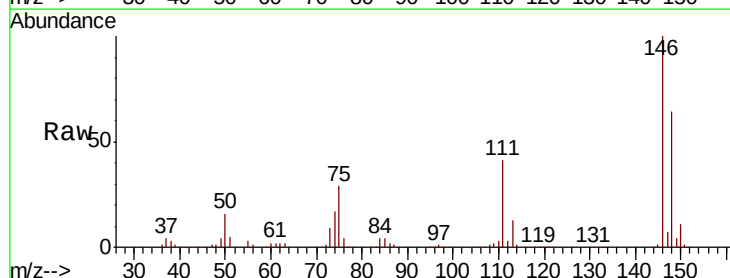
Instrument :
 BNA_P
 ClientSampleId :

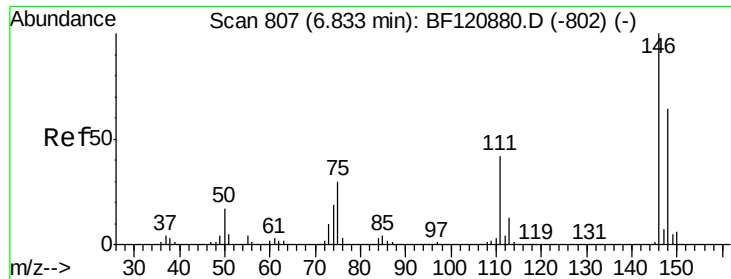
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.2	54.2	94.2
95	32.3	12.2	52.2



#12
 1,3-Dichlorobenzene
 Concen: 38.788 ng
 RT: 6.76 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	75.8
75	29.2	24.1	36.1

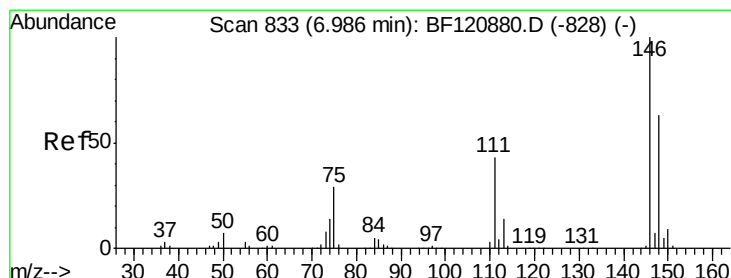
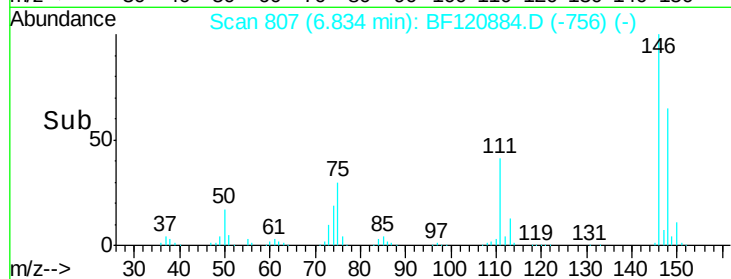
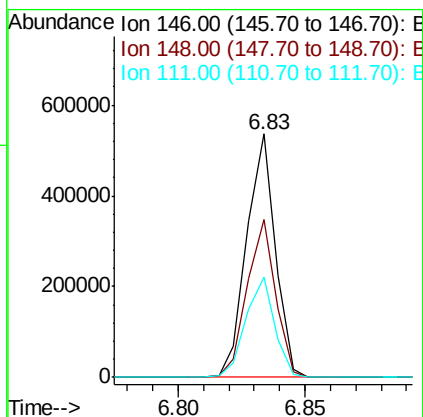
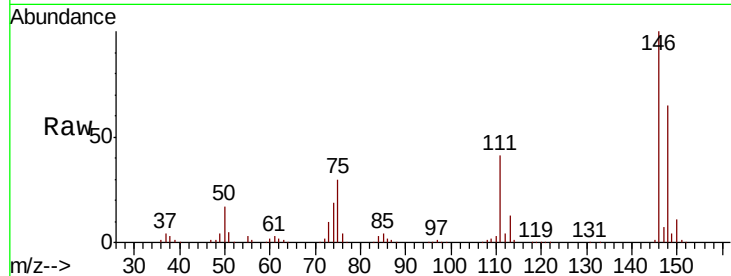




#13
 1,4-Dichlorobenzene
 Concen: 38.938 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

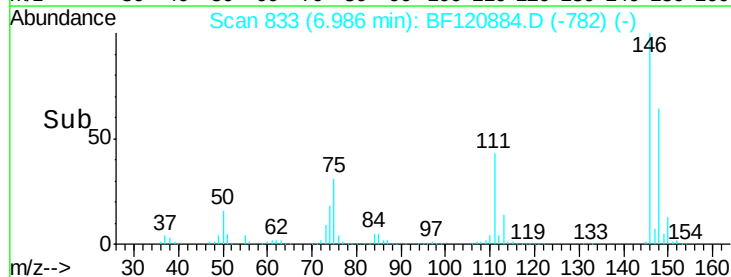
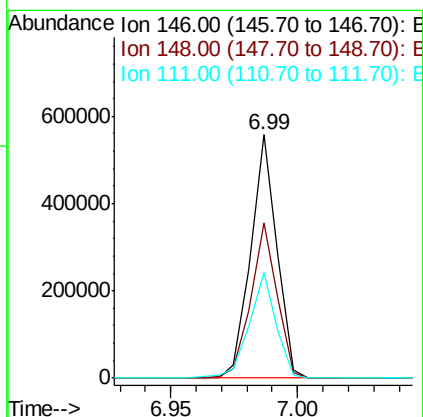
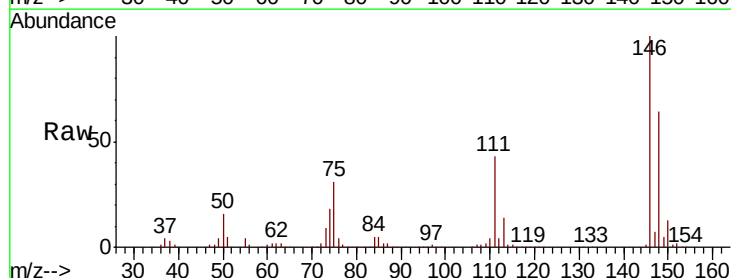
Instrument :
 BNA_P
 ClientSampleId :

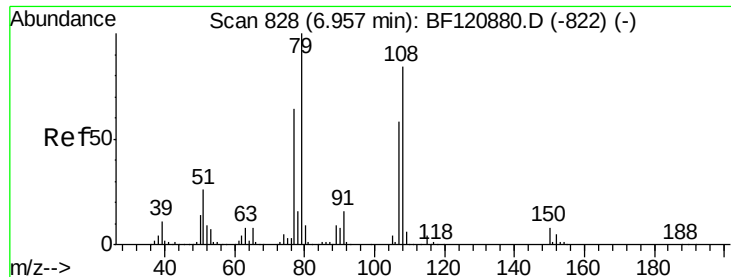
Tot Ion:146 Resp: 422549
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.6 77.4
 111 41.0 33.5 50.3



#14
 1,2-Dichlorobenzene
 Concen: 38.966 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Tgt Ion:146 Resp: 400032
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 76.0
 111 43.5 34.2 51.2





#15

Benzyl Alcohol

Concen: 39.080 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_P

ClientSampled :

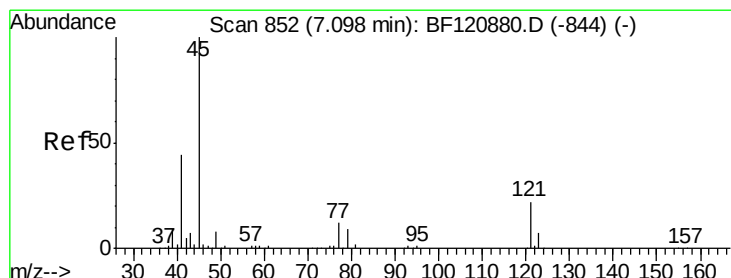
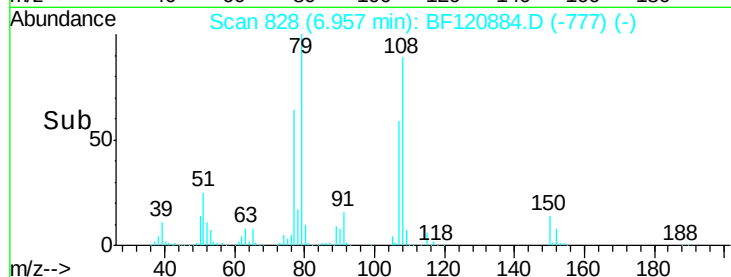
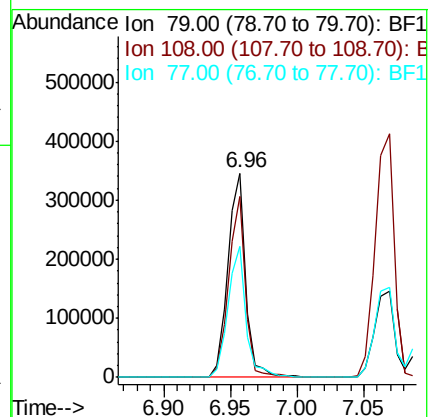
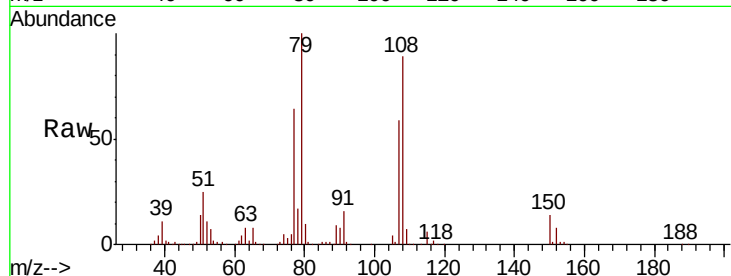
Tot Ion: 79 Resp: 326148

Ion Ratio Lower Upper

79 100

108 88.6 67.0 100.6

77 63.9 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.658 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

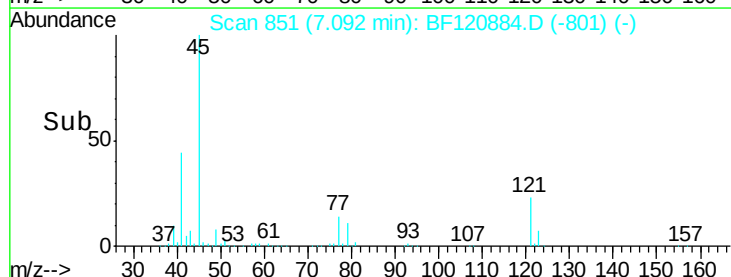
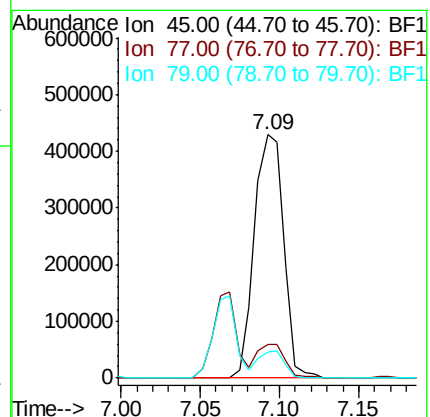
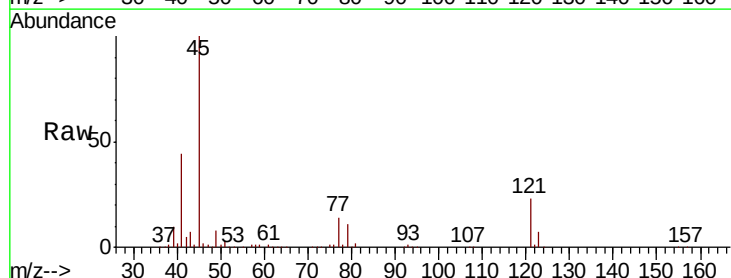
Tgt Ion: 45 Resp: 554360

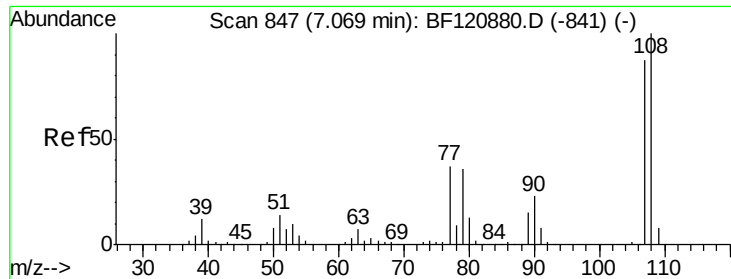
Ion Ratio Lower Upper

45 100

77 14.0 0.0 34.3

79 10.8 0.0 31.0

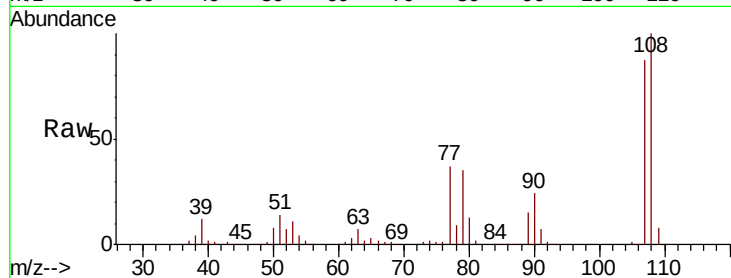




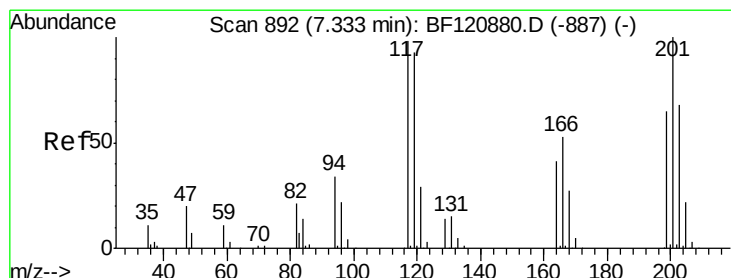
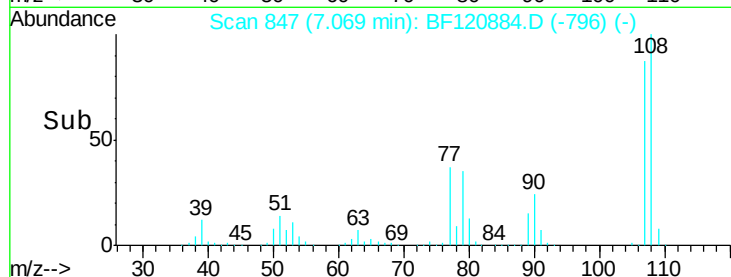
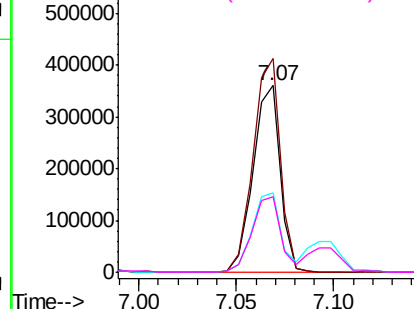
#17
2-Methylphenol
Concen: 38.735 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	107	Resp:	345530
Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.0	138.0
77	42.5	34.0	51.0
79	40.3	33.3	49.9

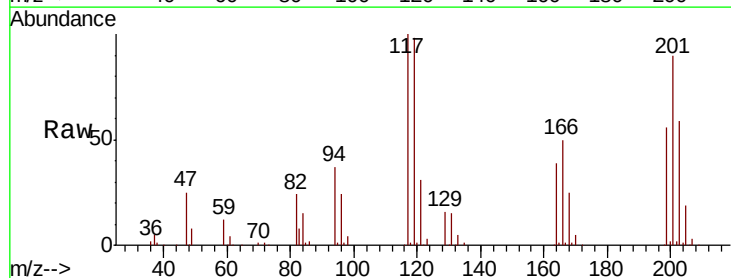


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

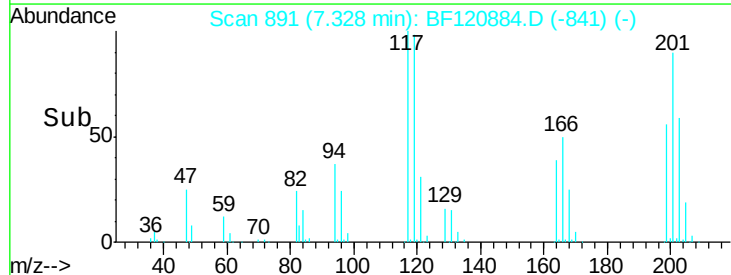
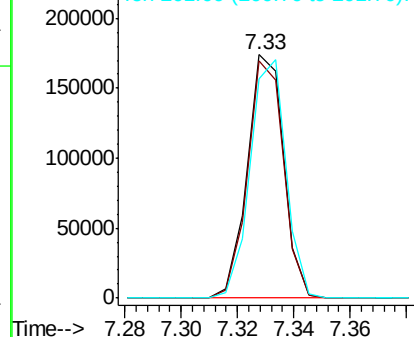


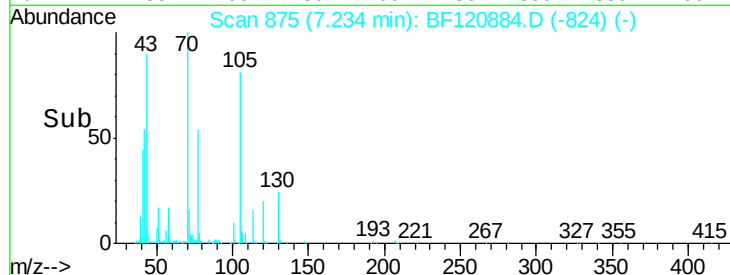
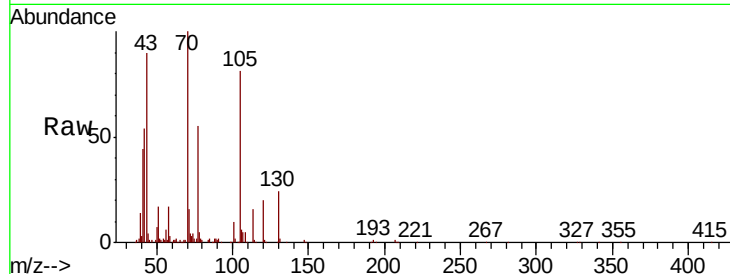
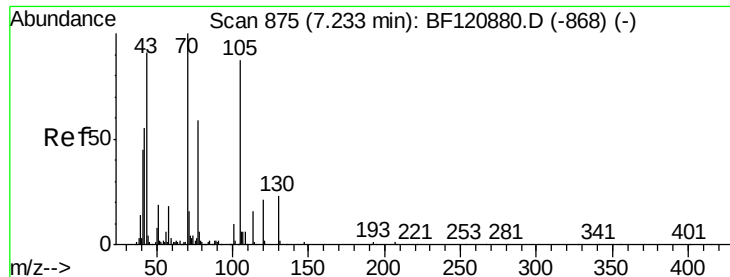
#18
Hexachloroethane
Concen: 39.498 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion:	117	Resp:	155136
Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.0	114.0
201	89.9	81.7	122.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

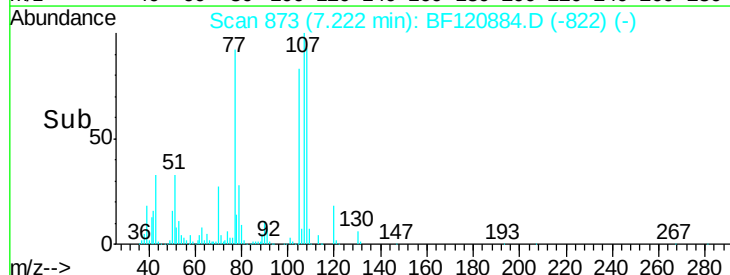
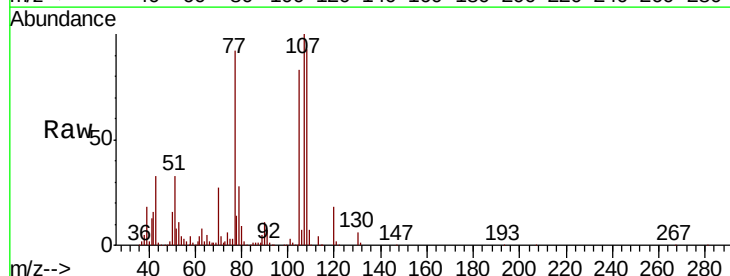
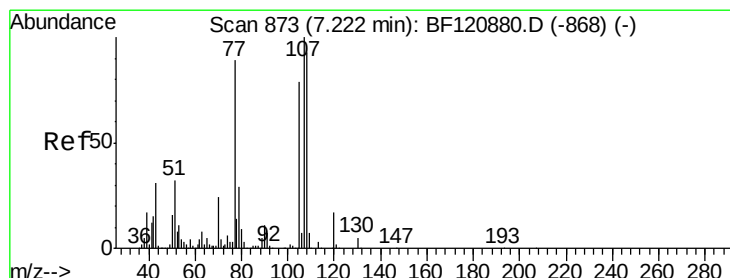
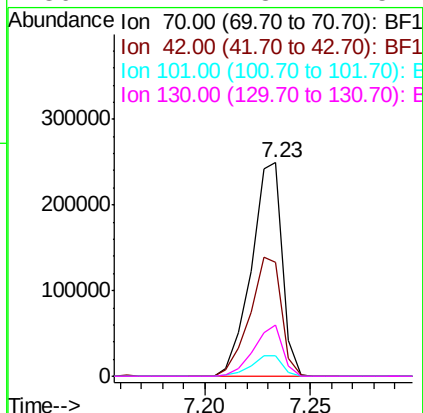




#19
n-Nitroso-di-n-propylamine
Concen: 37.780 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

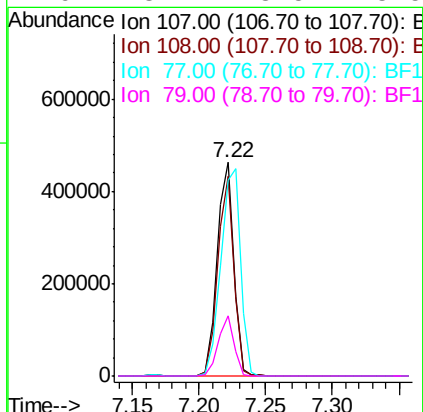
Instrument :
BNA_P
ClientSampleId :

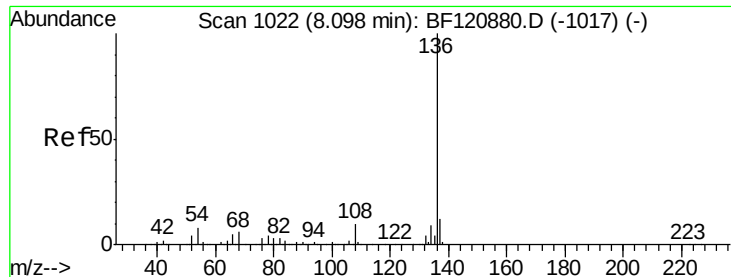
Tot Ion: 70 Resp: 253526
Ion Ratio Lower Upper
70 100
42 53.6 44.0 66.0
101 9.6 7.8 11.6
130 24.1 18.7 28.1



#20
3+4-Methylphenols
Concen: 35.993 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion:107 Resp: 408429
Ion Ratio Lower Upper
107 100
108 93.2 72.8 112.8
77 91.8 68.7 108.7
79 28.2 8.5 48.5

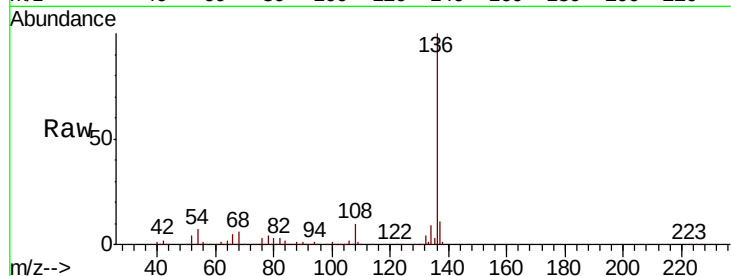




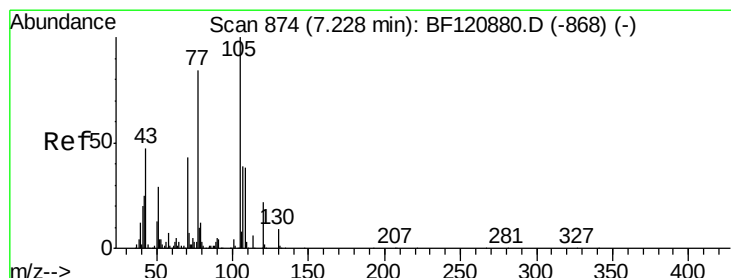
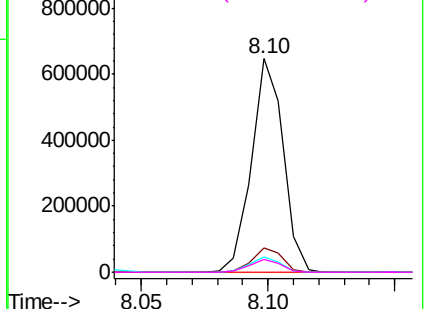
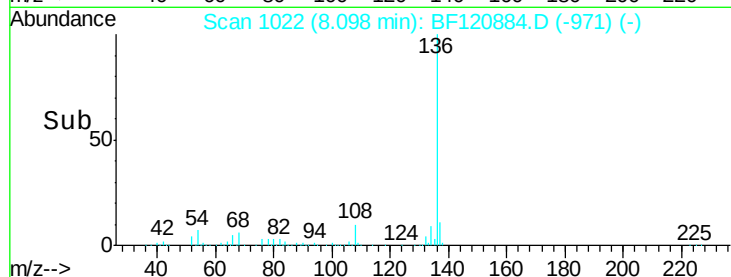
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_P
ClientSampled :

Tot Ion:136	Resp:	561332
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.3 13.9
54	7.4	6.3 9.5
68	5.9	5.0 7.4

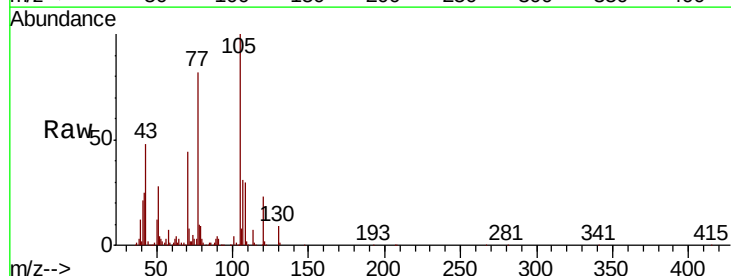


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

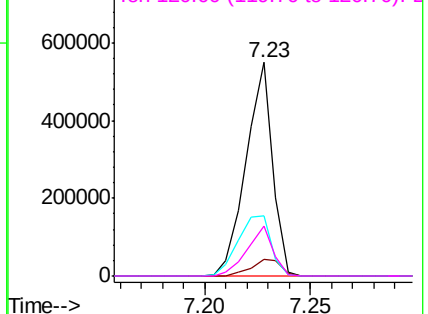
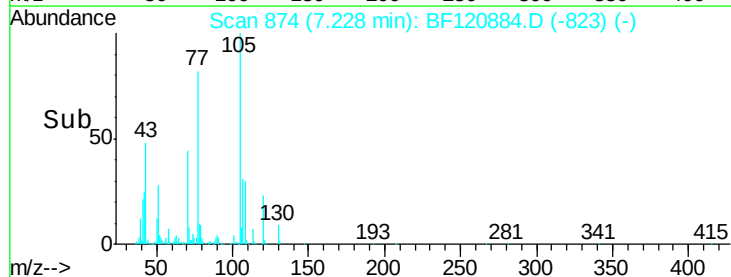


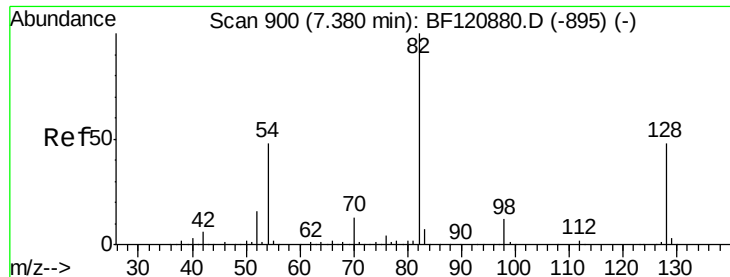
#22
Acetophenone
Concen: 38.123 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion:105	Resp:	480269
Ion Ratio	Lower	Upper
105	100	
71	7.5	5.7 8.5
51	27.9	22.9 34.3
120	23.3	18.0 27.0



Abundance Ion 105.00 (104.70 to 105.70): E
800000
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

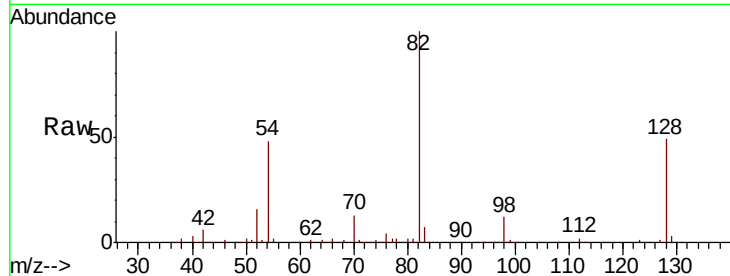




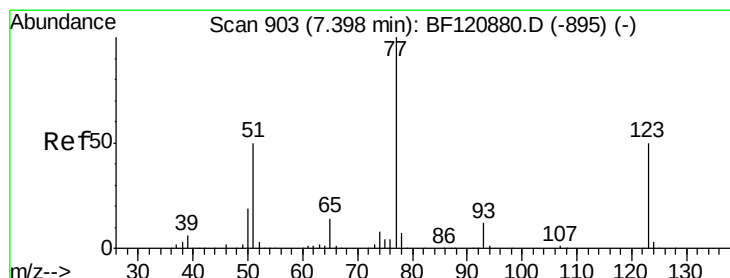
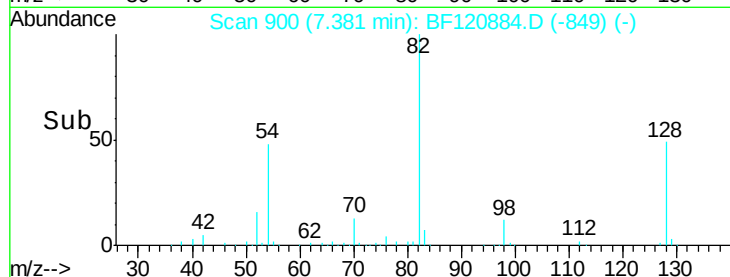
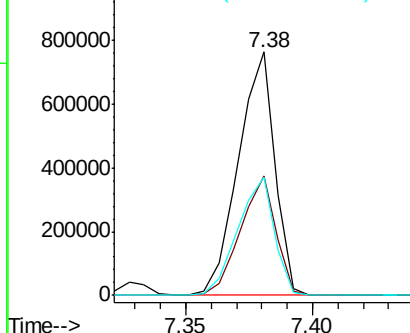
#23
Nitrobenzene-d5
Concen: 78.544 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_P
ClientSampled :

Tot Ion	82	Resp	761955
Ion Ratio	100	Lower	Upper
128	48.8	38.2	57.4
54	48.3	38.7	58.1

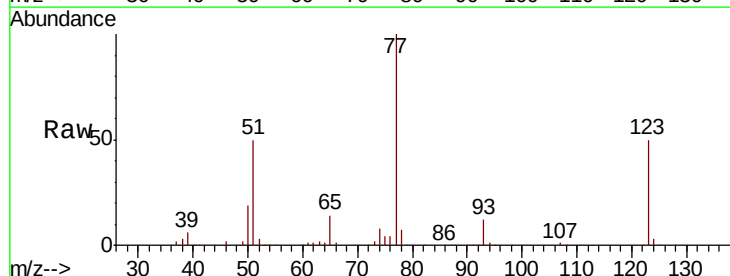


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

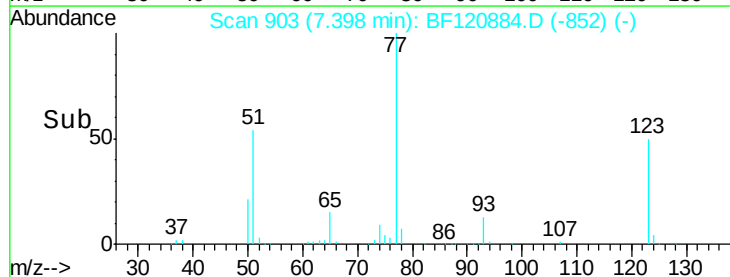
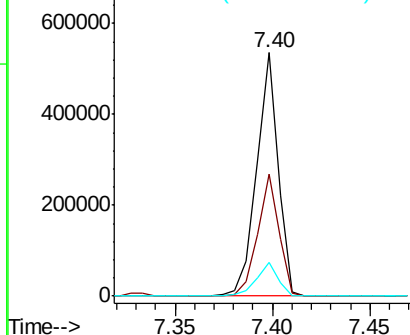


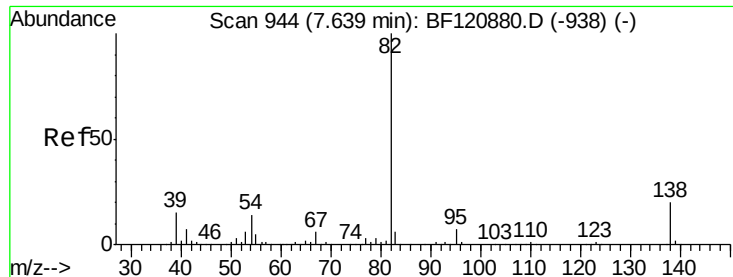
#24
Nitrobenzene
Concen: 39.198 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion	77	Resp	409841
Ion Ratio	100	Lower	Upper
123	50.3	40.1	60.1
65	13.6	10.8	16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.188 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_P

ClientSampleId :

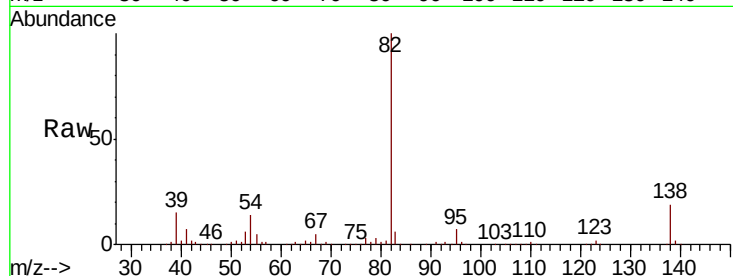
Tot Ion: 82 Resp: 739361

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

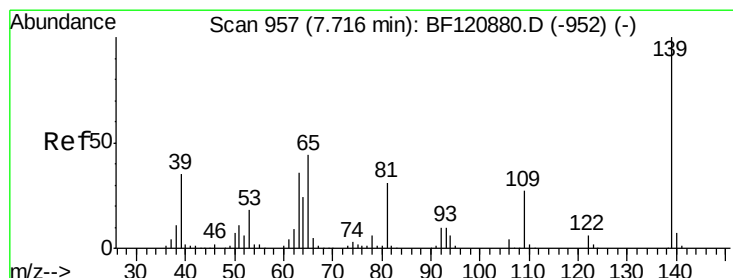
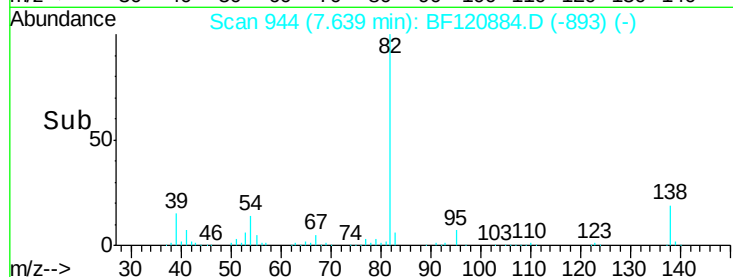
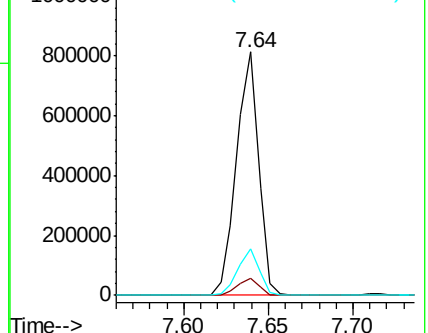
138 19.1 15.6 23.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.070 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

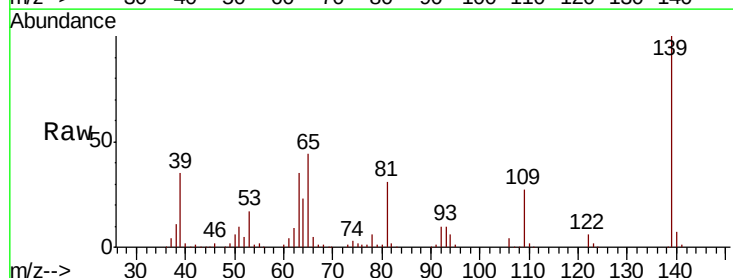
Tgt Ion: 139 Resp: 203947

Ion Ratio Lower Upper

139 100

109 26.8 21.6 32.4

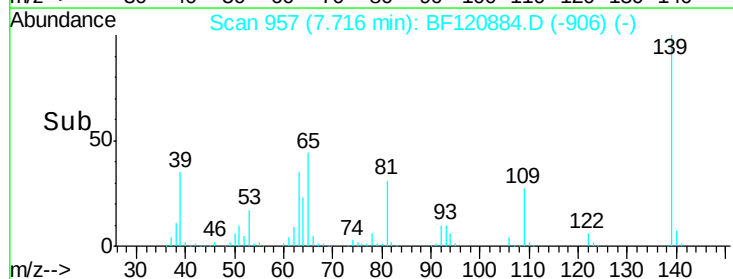
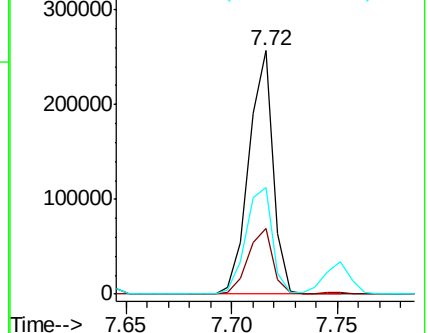
65 43.8 35.3 52.9

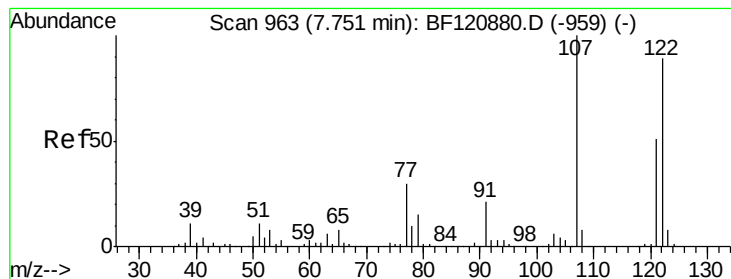


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.194 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_P

ClientSampled :

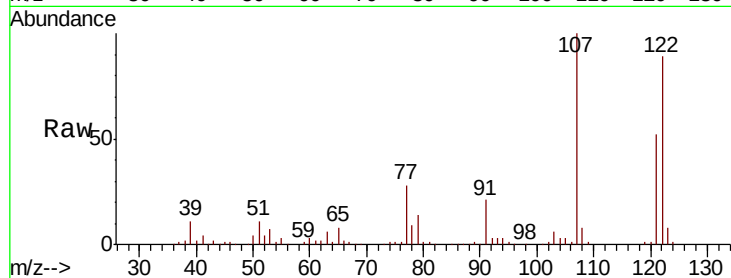
Tot Ion:122 Resp: 316002

Ion Ratio Lower Upper

122 100

107 112.1 89.4 134.0

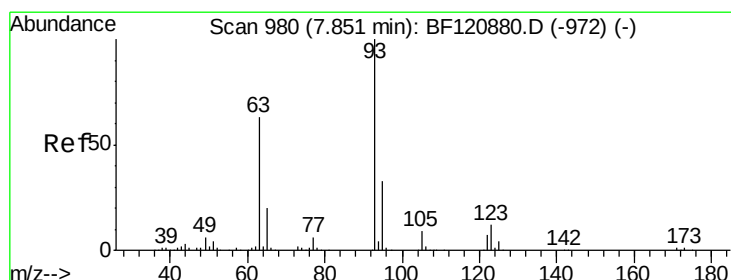
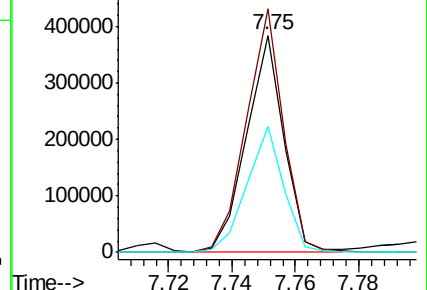
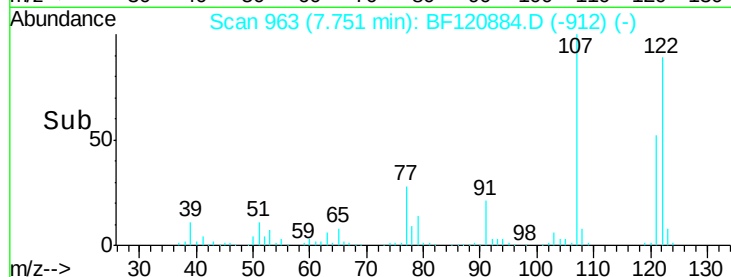
121 58.0 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.749 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

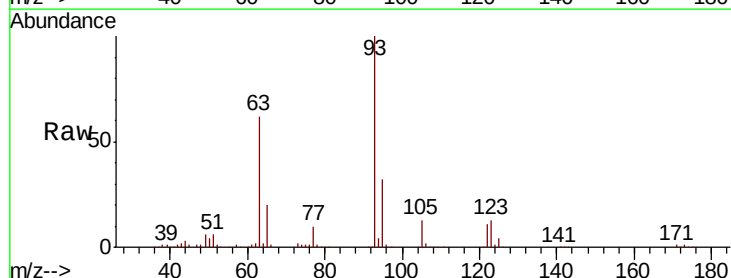
Tgt Ion: 93 Resp: 457953

Ion Ratio Lower Upper

93 100

95 32.4 26.6 39.8

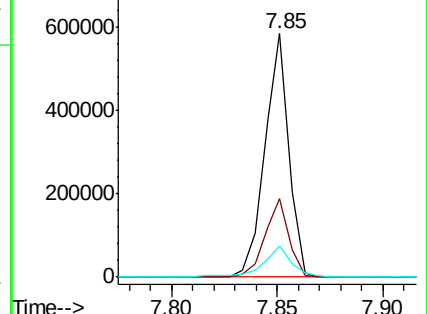
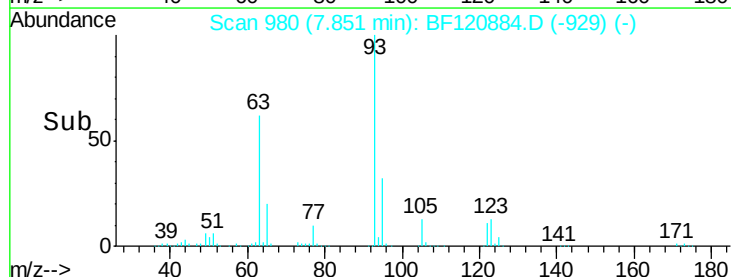
123 12.6 10.0 15.0

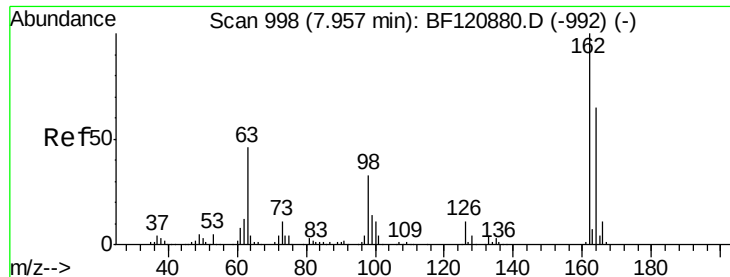


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.908 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_P

ClientSampleId :

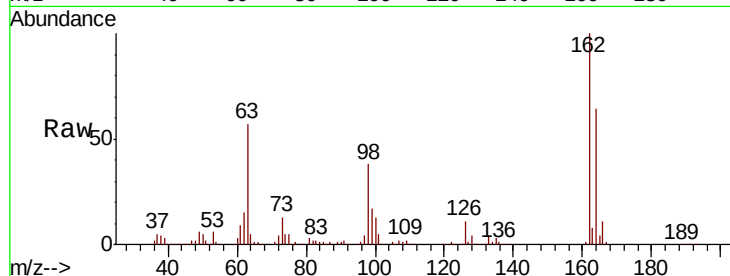
Tot Ion:162 Resp: 320553

Ion Ratio Lower Upper

162 100

164 64.5 45.3 85.3

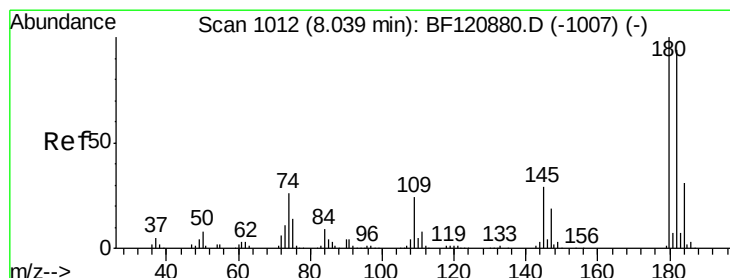
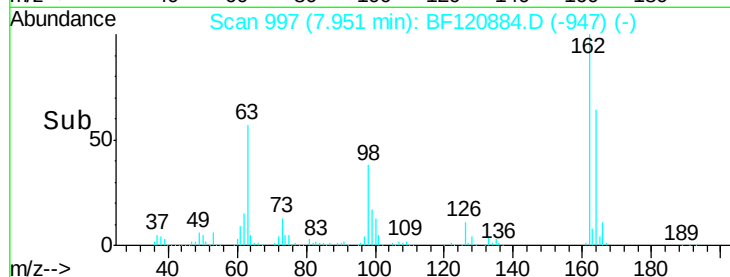
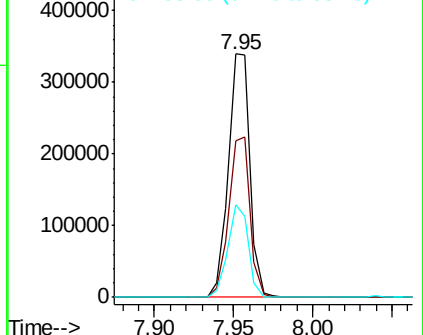
98 38.0 13.3 53.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.863 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

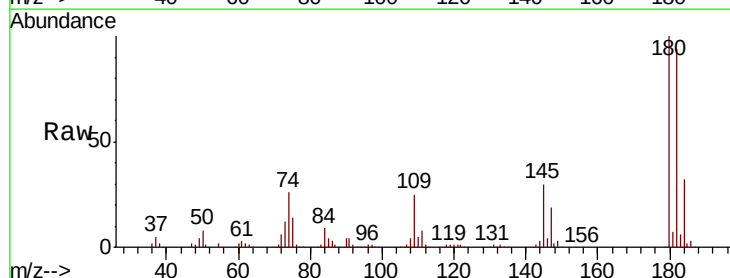
Tgt Ion:180 Resp: 355227

Ion Ratio Lower Upper

180 100

182 94.1 75.0 112.6

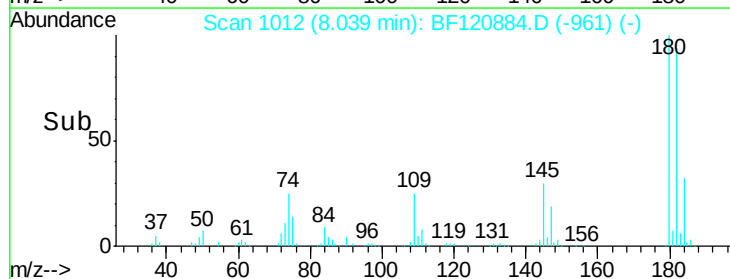
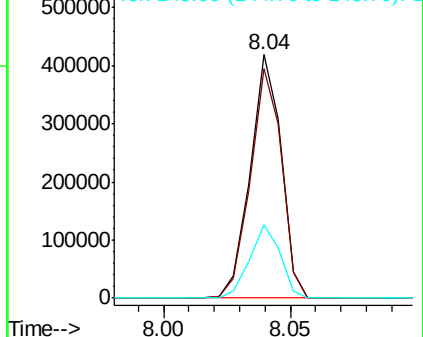
145 30.4 23.5 35.3

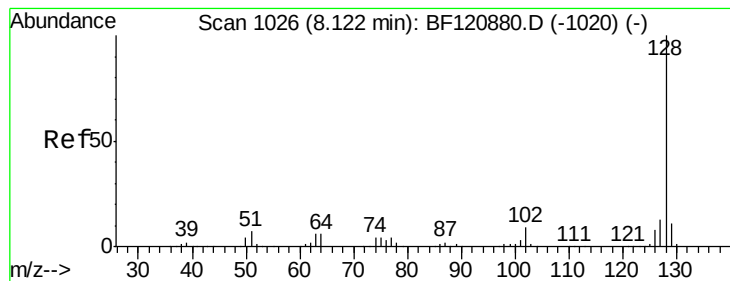


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.452 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_P

ClientSampleId :

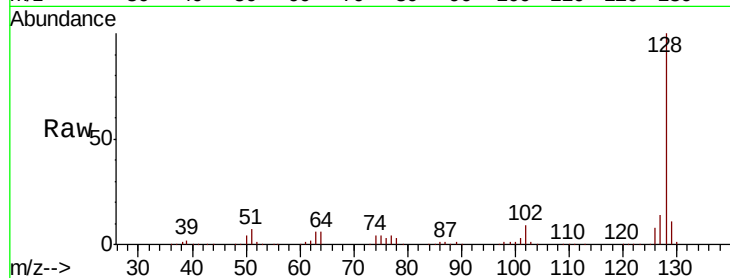
Tot Ion:128 Resp: 1107181

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

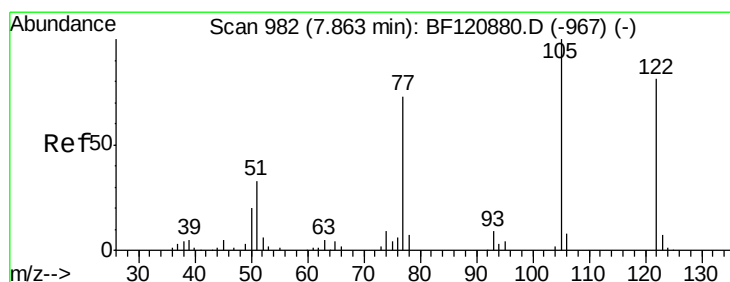
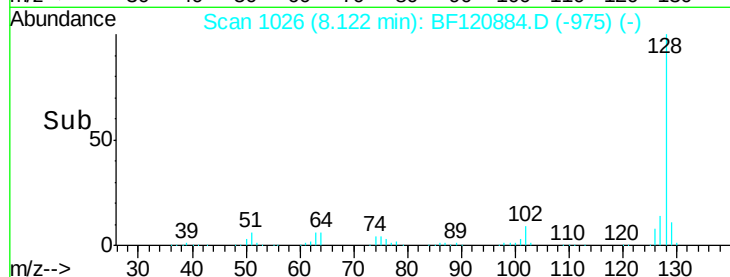
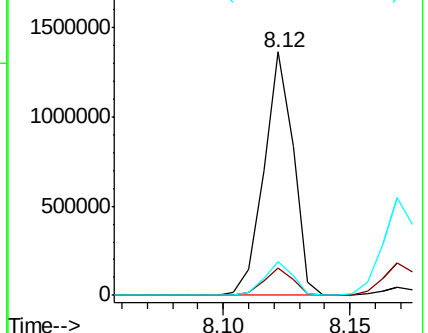
127 13.6 10.7 16.1



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: 45.030 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

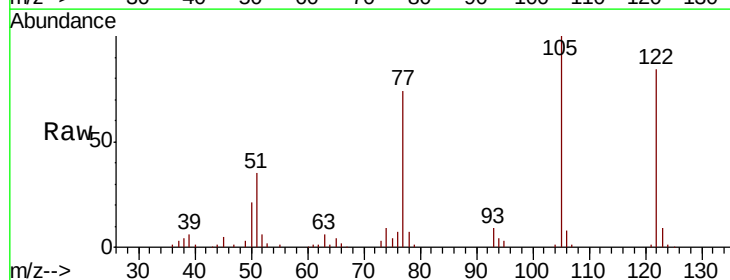
Tgt Ion:122 Resp: 272532

Ion Ratio Lower Upper

122 100

105 118.5 101.3 141.3

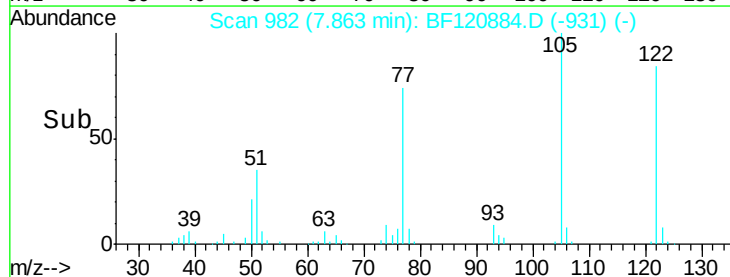
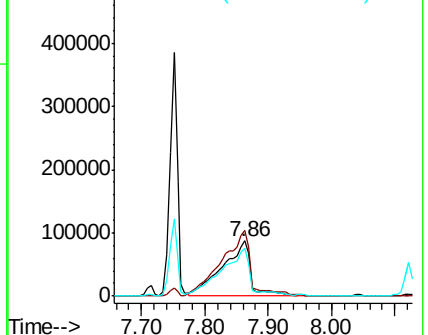
77 87.5 69.1 109.1

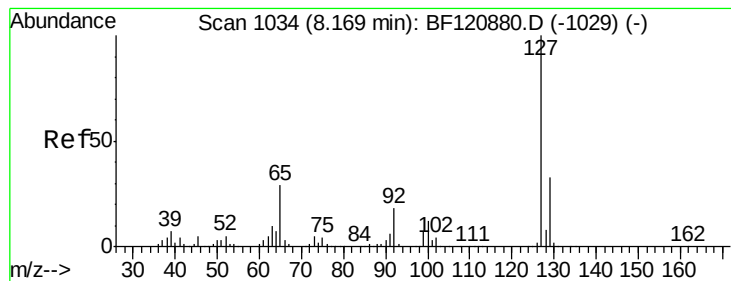


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 38.416 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_P

ClientSampleId :

Tot Ion:127 Resp: 493446

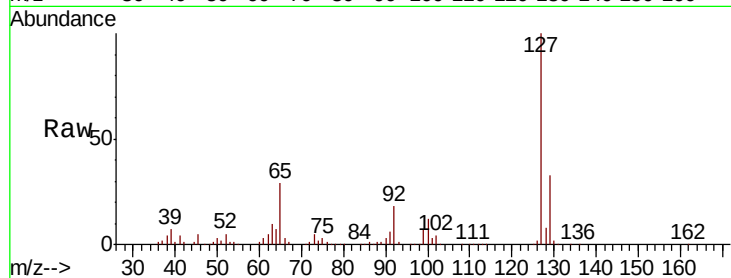
Ion Ratio Lower Upper

127 100

129 32.9 26.5 39.7

65 28.6 23.0 34.4

92 18.0 14.5 21.7

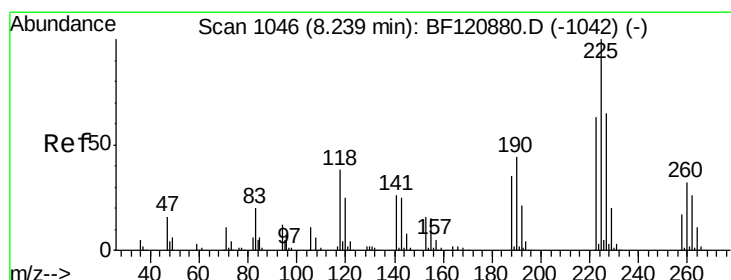
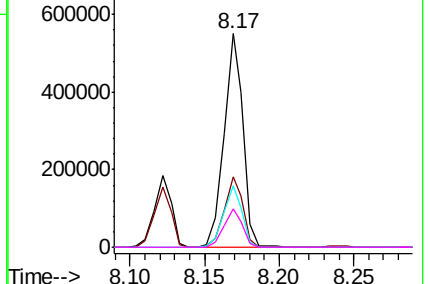
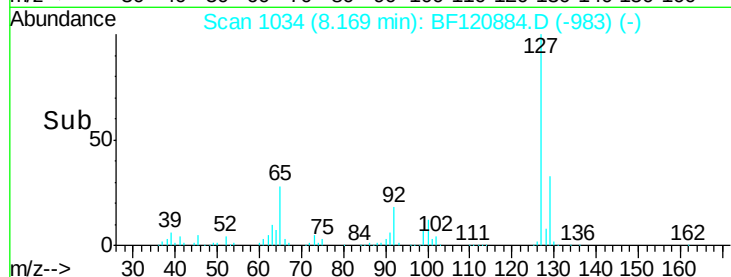


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.306 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

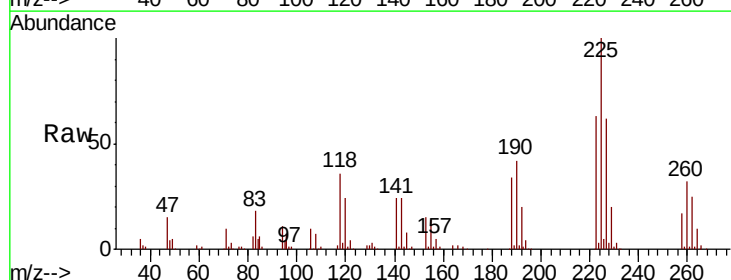
Tgt Ion:225 Resp: 211800

Ion Ratio Lower Upper

225 100

223 62.8 50.6 76.0

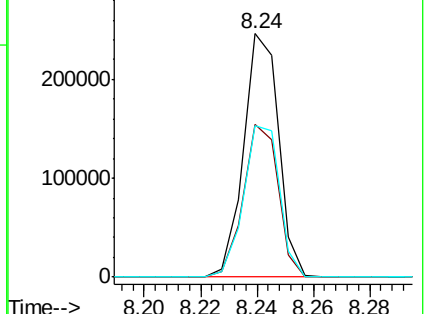
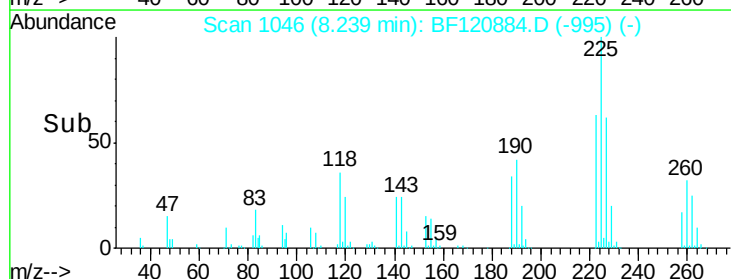
227 62.1 52.2 78.2

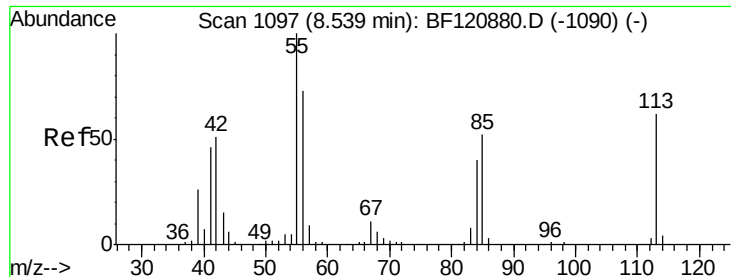


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

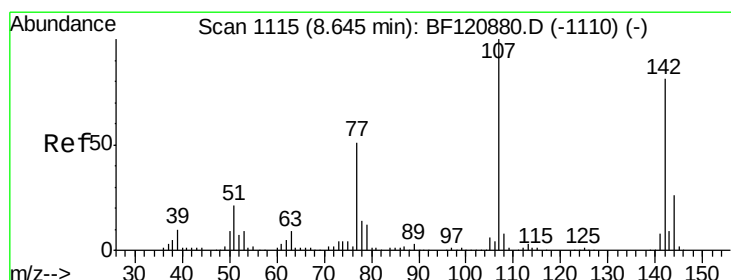
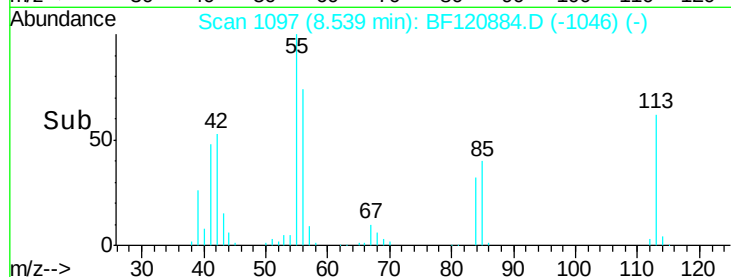
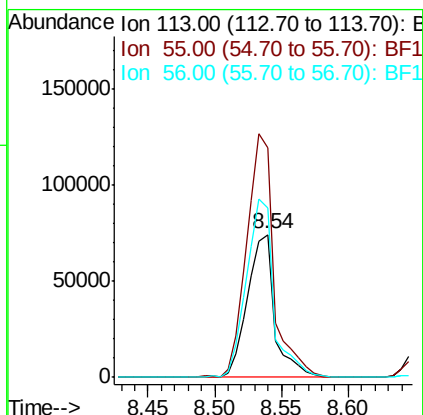
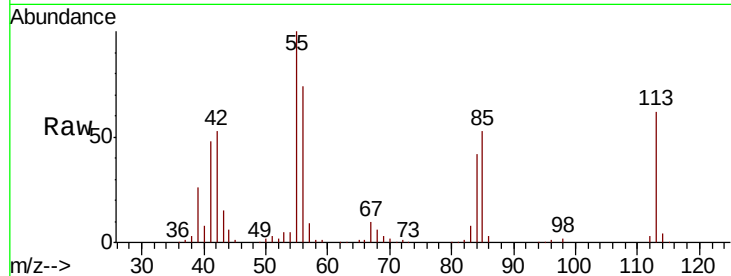




#35
 Caprolactam
 Concen: 39.229 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

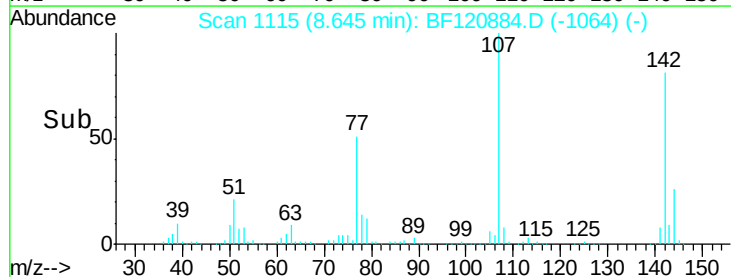
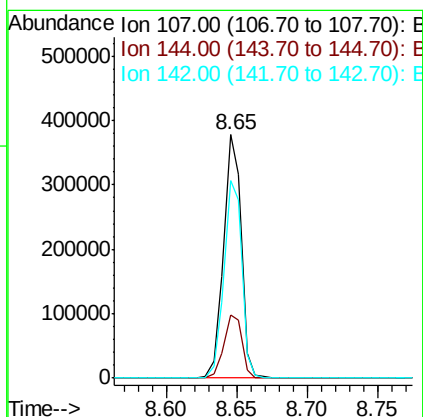
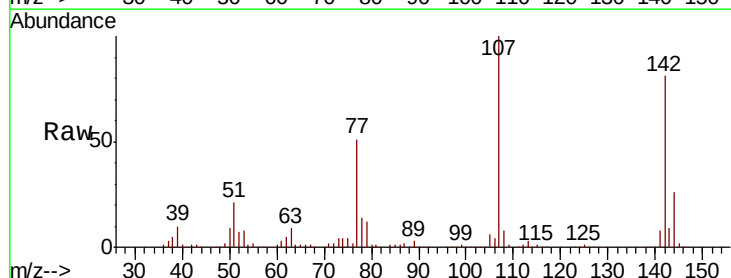
Instrument :
 BNA_P
 ClientSampleId :

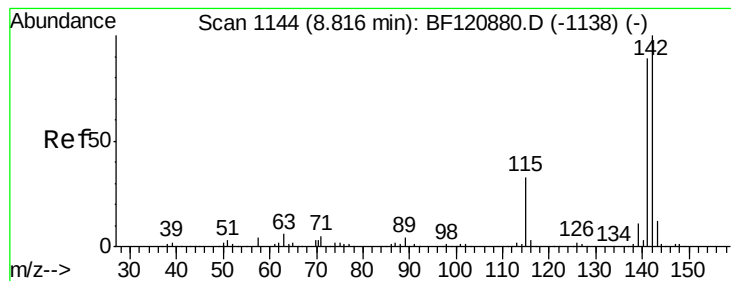
Tot Ion:113 Resp: 103645
 Ion Ratio Lower Upper
 113 100
 55 160.1 143.3 183.3
 56 118.8 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 38.886 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Tgt Ion:107 Resp: 328574
 Ion Ratio Lower Upper
 107 100
 144 26.0 21.0 31.6
 142 81.3 65.0 97.6





#37

2-Methylnaphthalene

Concen: 39.008 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_P

ClientSampleId :

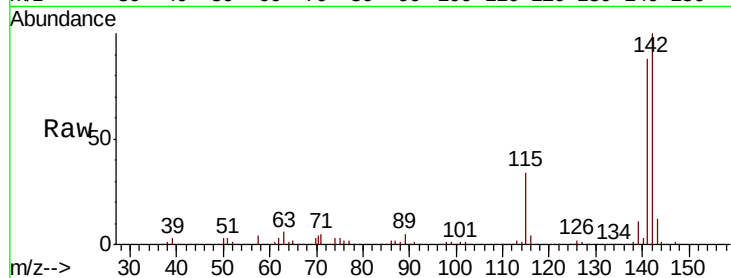
Tot Ion:142 Resp: 729290

Ion Ratio Lower Upper

142 100

141 87.6 71.0 106.4

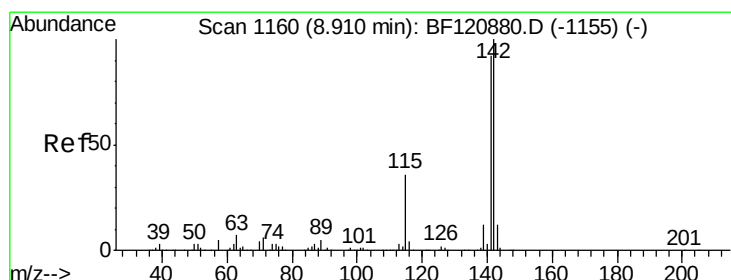
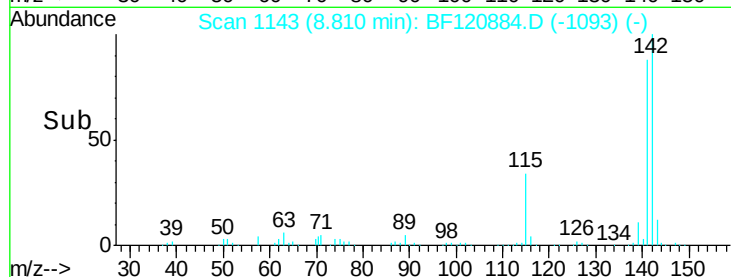
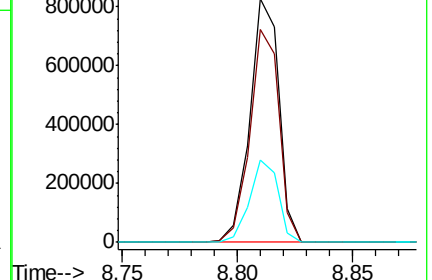
115 33.9 26.0 39.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.894 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

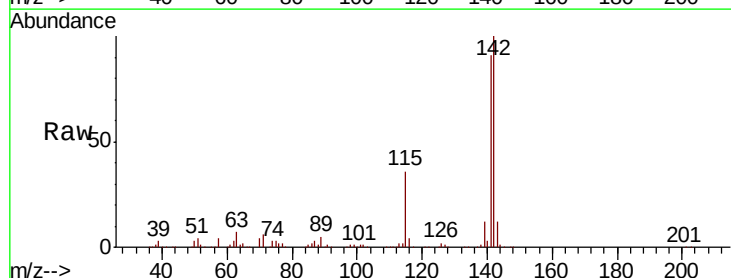
Tgt Ion:142 Resp: 688694

Ion Ratio Lower Upper

142 100

141 91.0 73.7 110.5

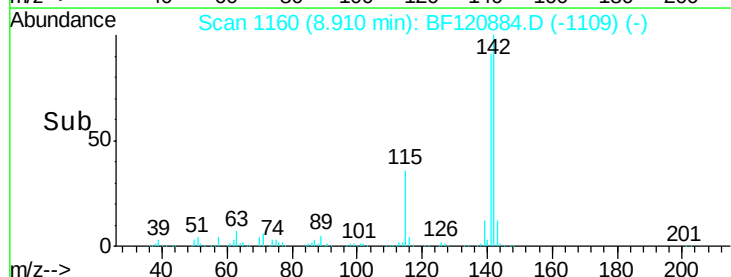
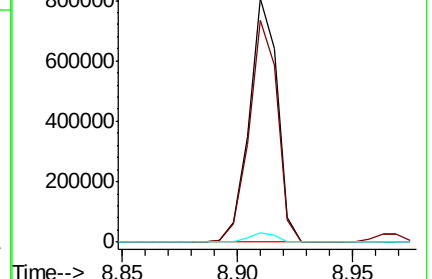
116 3.9 3.0 4.6

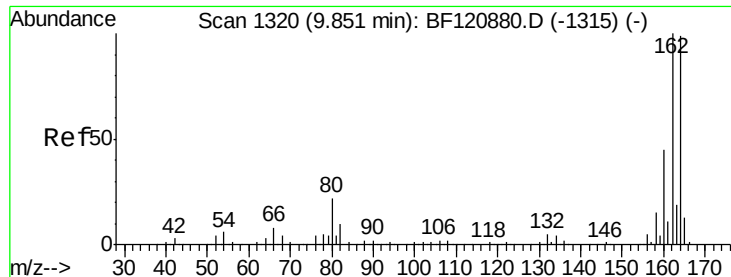


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_P

ClientSampleId :

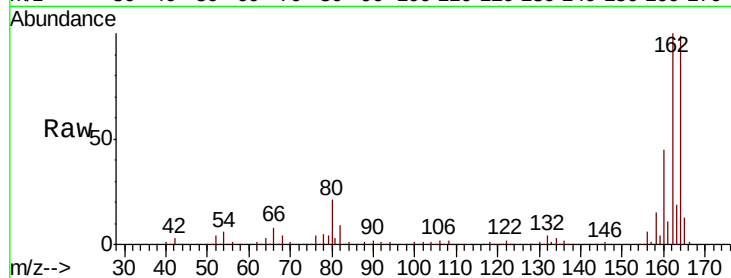
Tot Ion:164 Resp: 287148

Ion Ratio Lower Upper

164 100

162 101.4 81.2 121.8

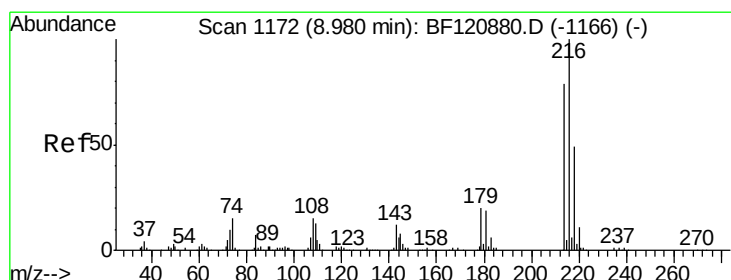
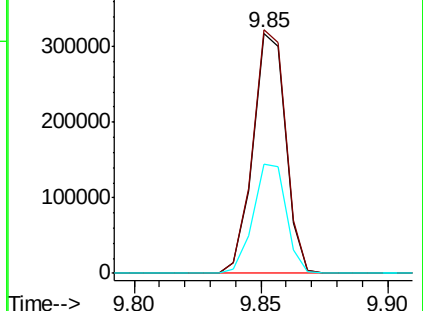
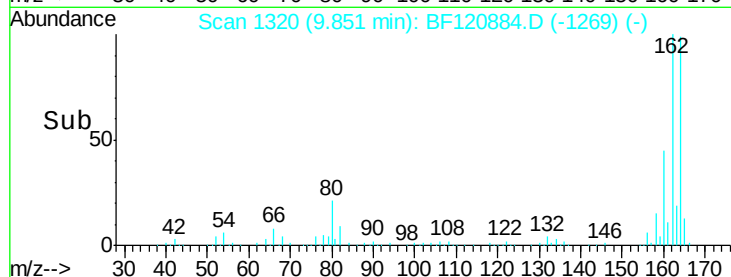
160 45.5 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.739 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Tgt Ion:216 Resp: 332468

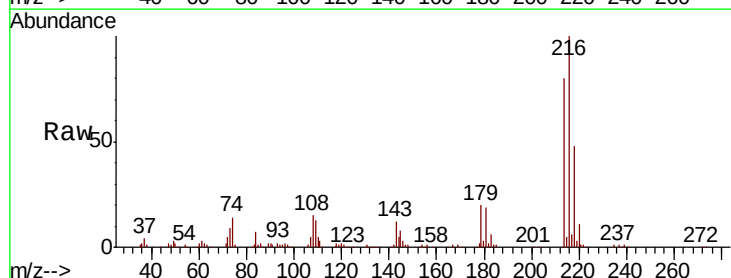
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.8

179 20.6 16.6 24.8

108 18.8 15.4 23.0

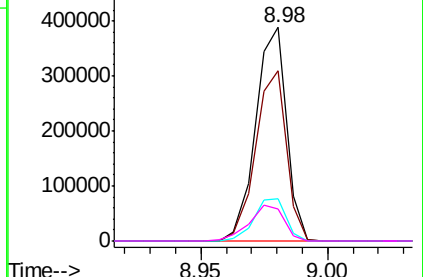
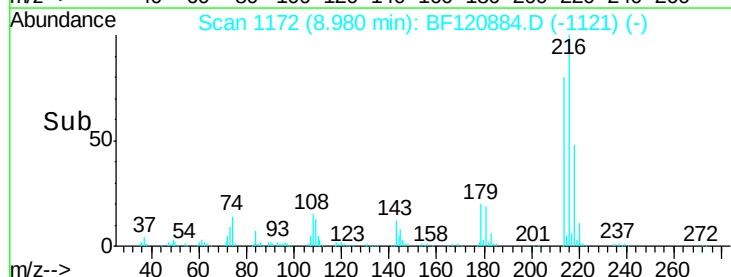


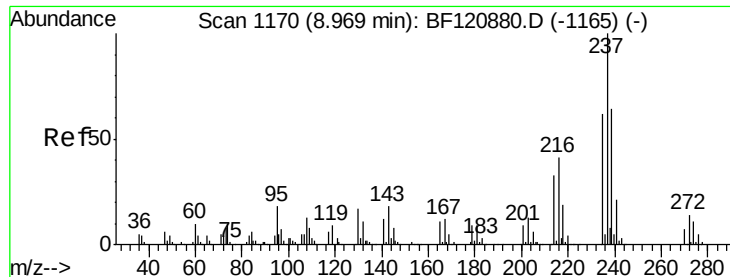
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

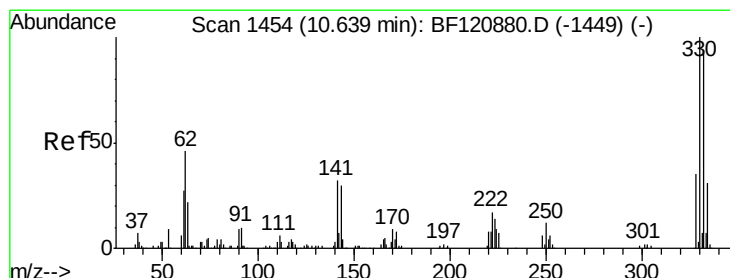
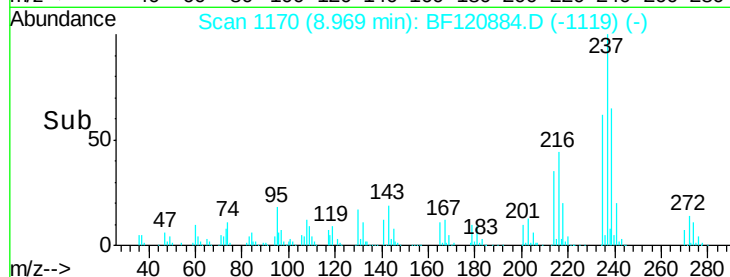
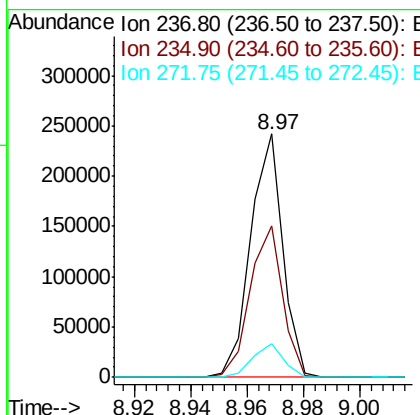
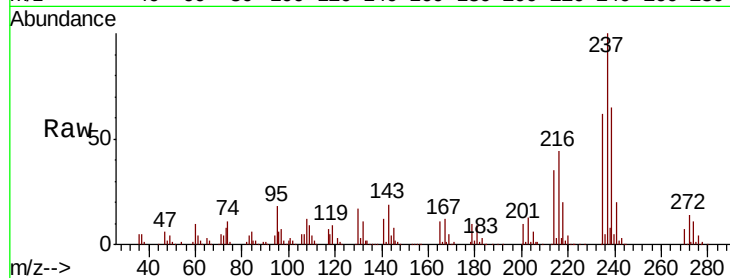




#41
Hexachlorocyclopentadiene
Concen: 41.234 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

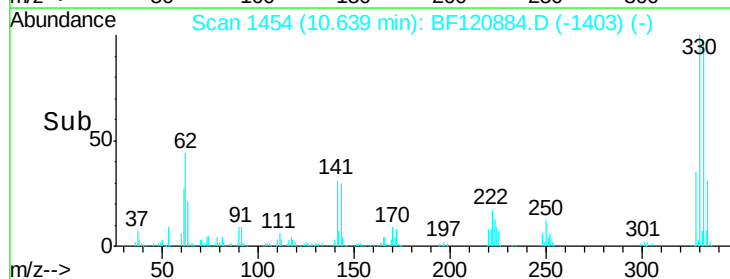
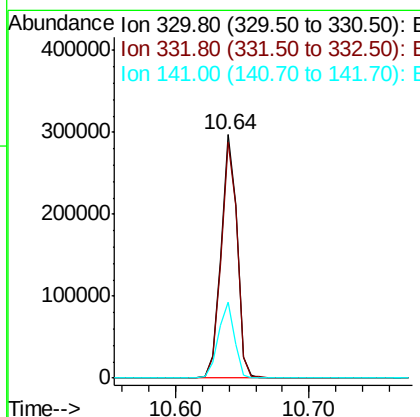
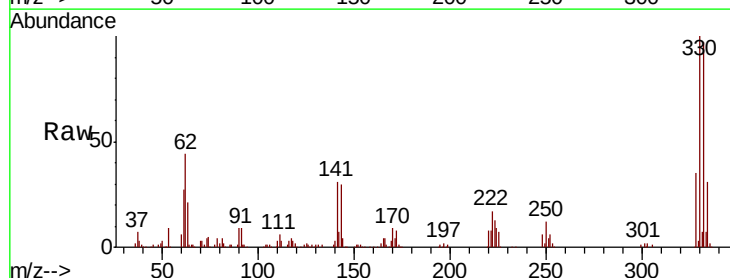
Instrument :
BNA_P
ClientSampleId :

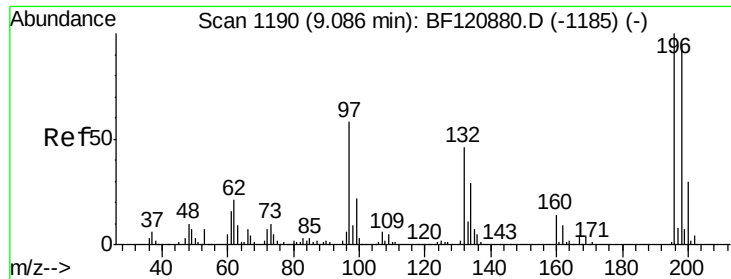
Tot Ion:237 Resp: 190661
Ion Ratio Lower Upper
237 100
235 62.1 41.6 81.6
272 14.0 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 80.468 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion:330 Resp: 252920
Ion Ratio Lower Upper
330 100
332 97.5 75.5 113.3
141 31.7 25.7 38.5

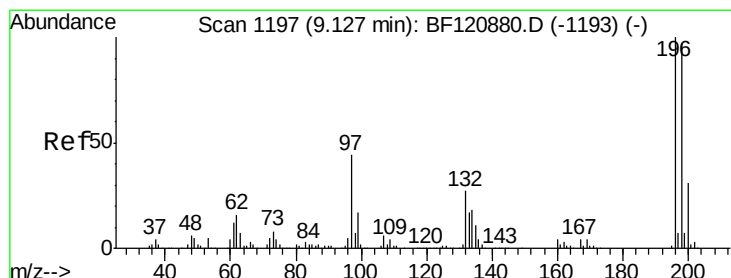
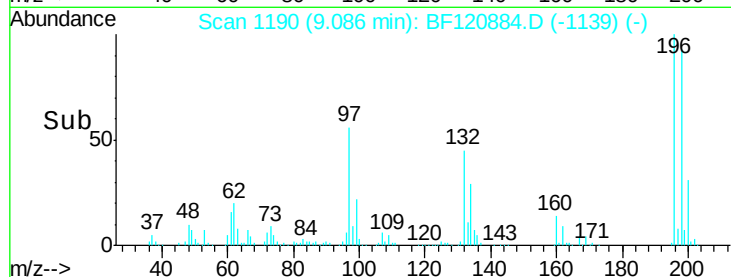
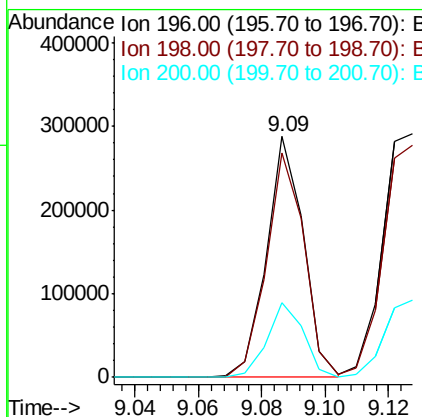
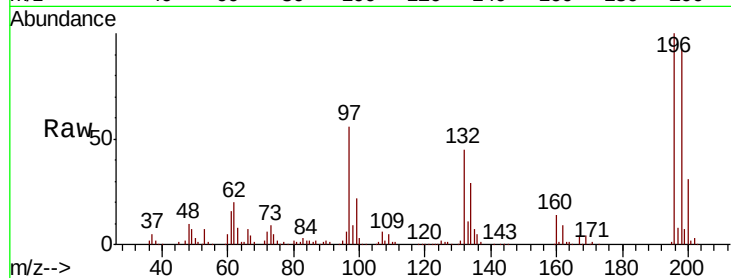




#43
 2,4,6-Trichlorophenol
 Concen: 39.506 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

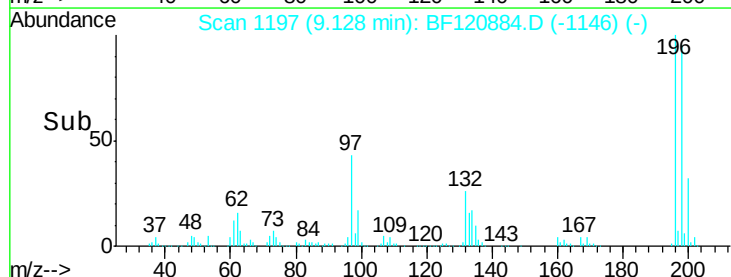
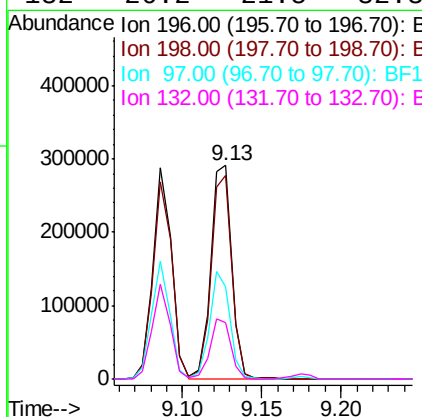
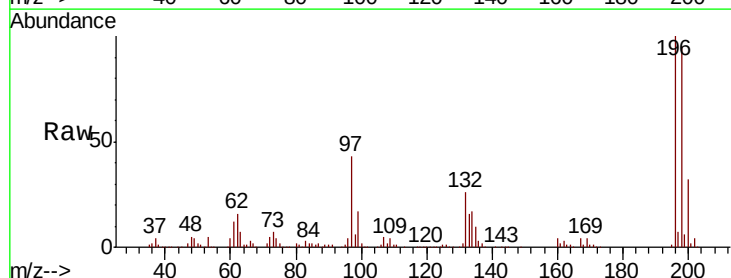
Instrument :
 BNA_P
 ClientSampled :

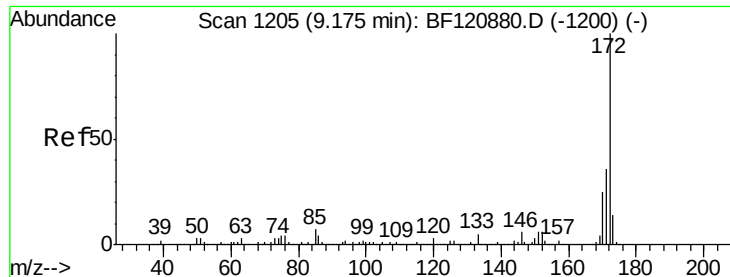
Tot Ion	196	Resp	232715
Ion Ratio	Lower	Upper	
196	100		
198	93.4	75.7	113.5
200	31.0	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 40.284 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Tgt Ion	196	Resp	269176
Ion Ratio	Lower	Upper	
196	100		
198	95.3	77.6	116.4
97	43.2	35.6	53.4
132	26.2	21.5	32.3

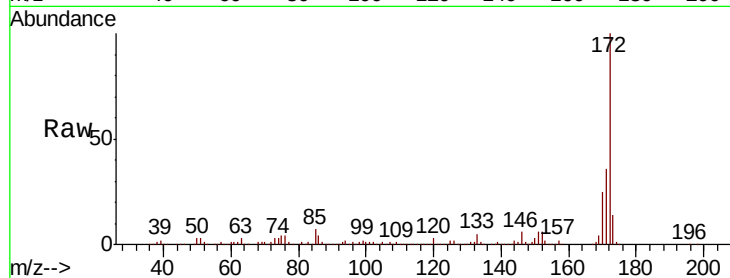




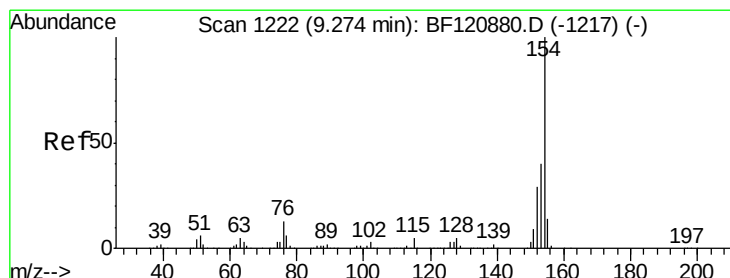
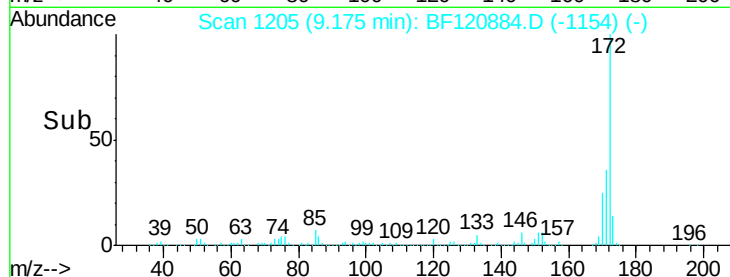
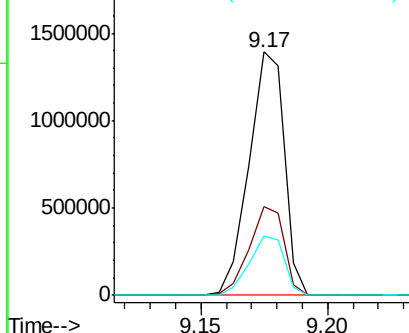
#45
2-Fluorobiphenyl
Concen: 70.562 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion:172 Resp: 1357079
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 24.6 19.6 29.4

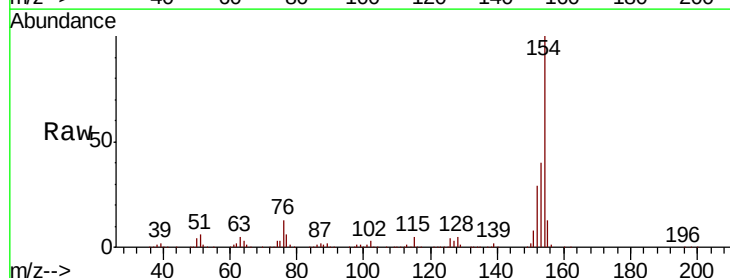


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

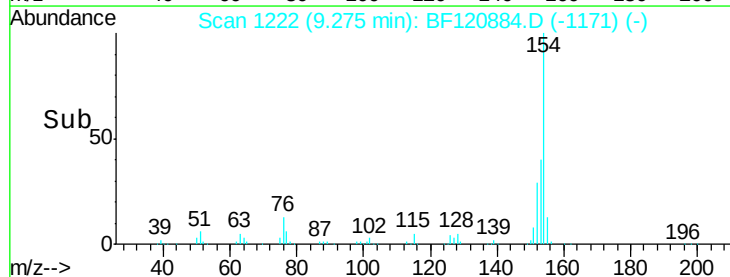
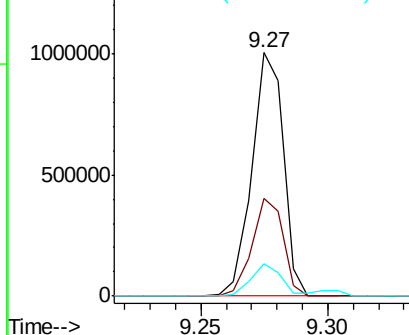


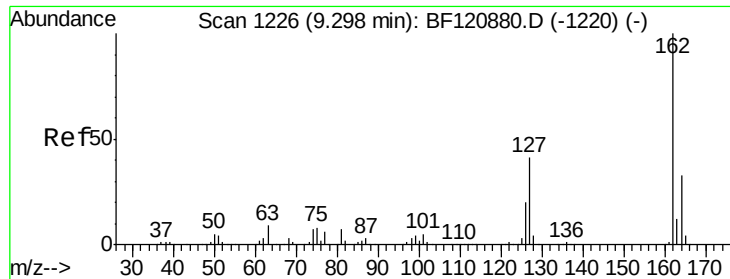
#46
1,1'-Biphenyl
Concen: 39.727 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion:154 Resp: 870174
Ion Ratio Lower Upper
154 100
153 39.9 20.4 60.4
76 13.2 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

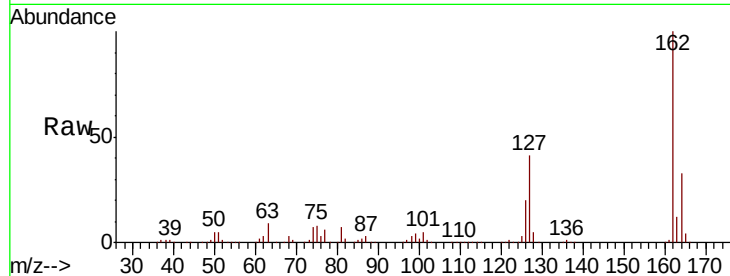




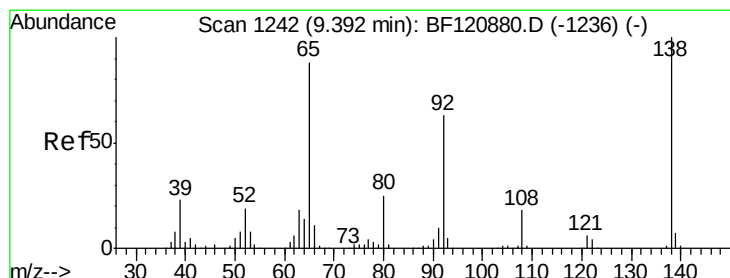
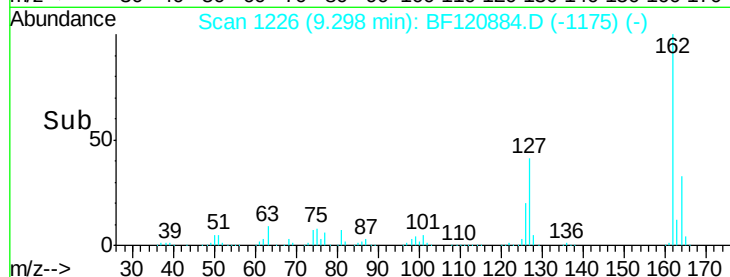
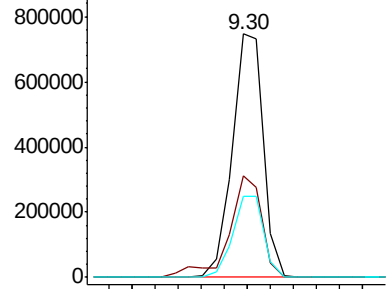
#47
 2-Chloronaphthalene
 Concen: 39.132 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:162 Resp: 698830
 Ion Ratio Lower Upper
 162 100
 127 41.5 33.3 49.9
 164 33.1 26.6 39.8

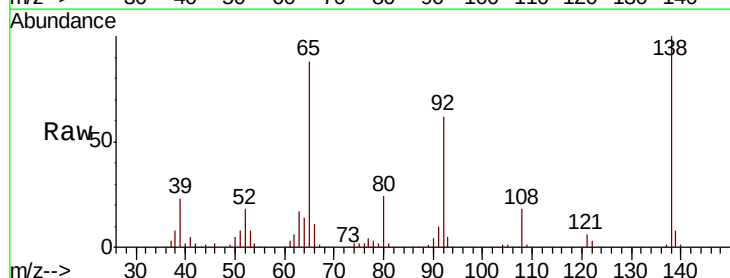


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

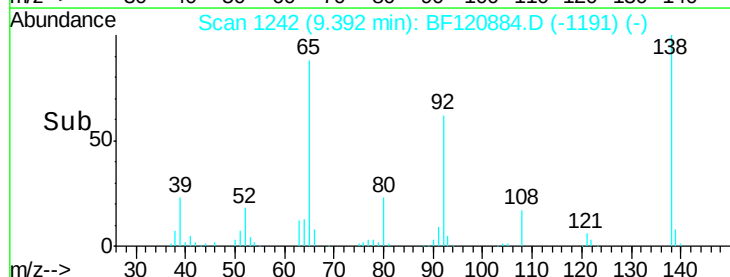
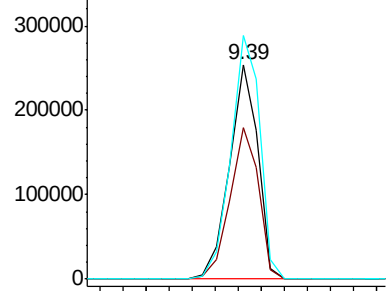


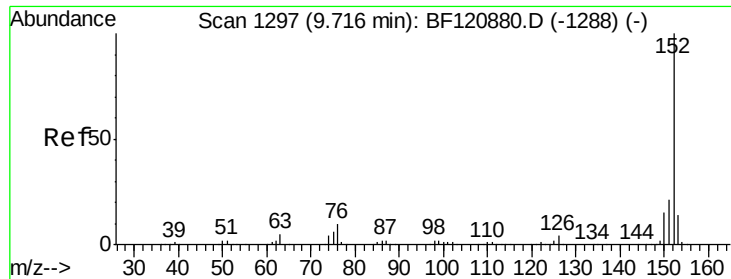
#48
 2-Nitroaniline
 Concen: 40.495 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Tgt Ion: 65 Resp: 218544
 Ion Ratio Lower Upper
 65 100
 92 70.6 57.0 85.4
 138 113.5 90.4 135.6



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: 38.901 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

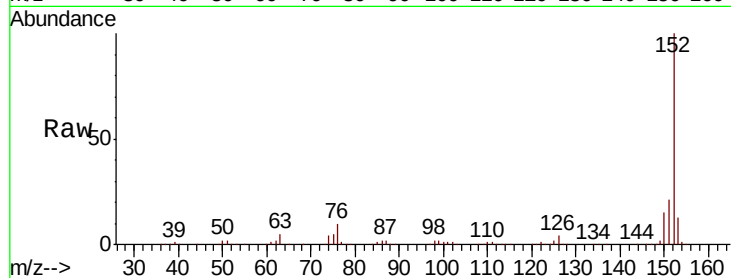
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 1079227

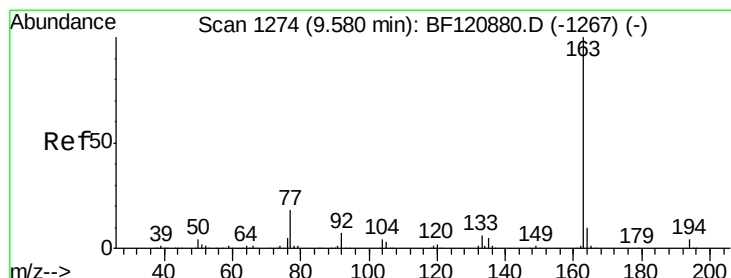
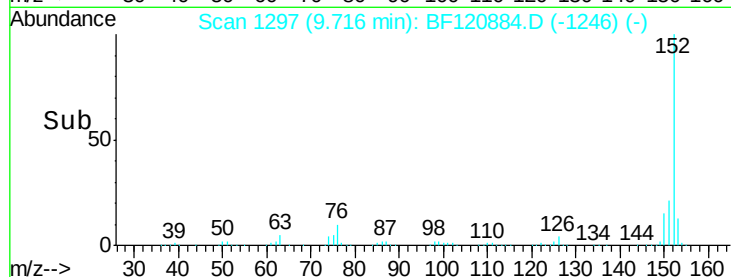
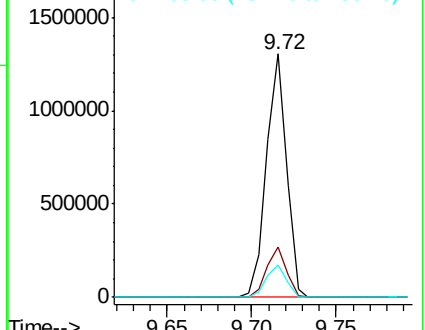
Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	25.0
153	13.4	10.9	16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.735 ng

RT: 9.58 min Scan# 1274

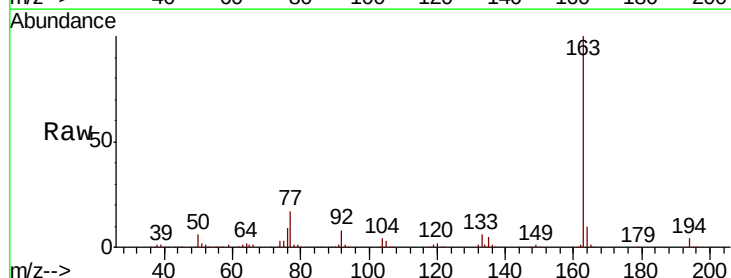
Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Tgt Ion:163 Resp: 802441

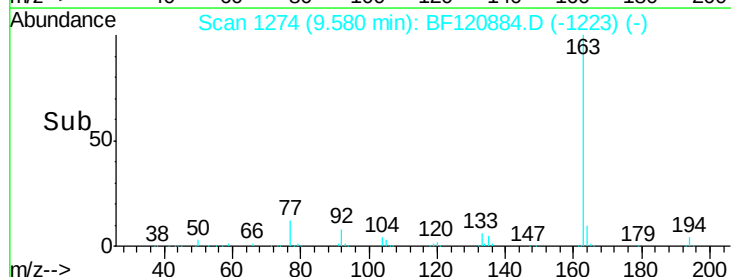
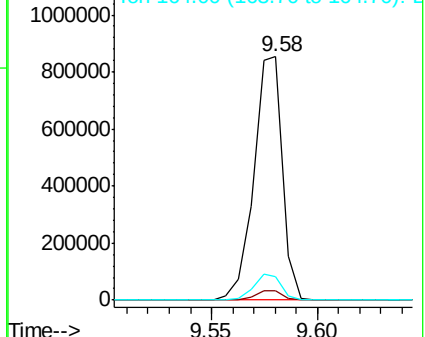
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.9	7.9	11.9

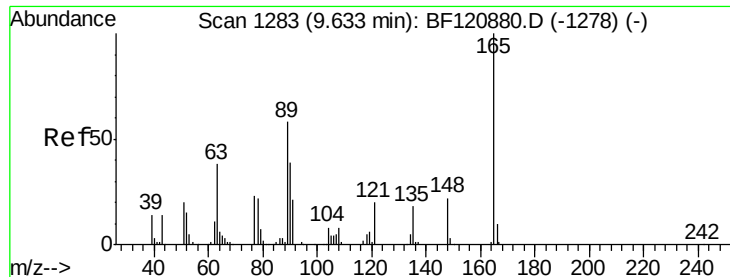


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.160 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_P

ClientSampleId :

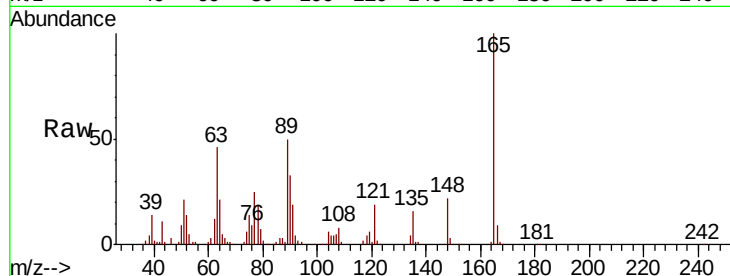
Tot Ion:165 Resp: 178736

Ion Ratio Lower Upper

165 100

63 45.7 45.4 68.2

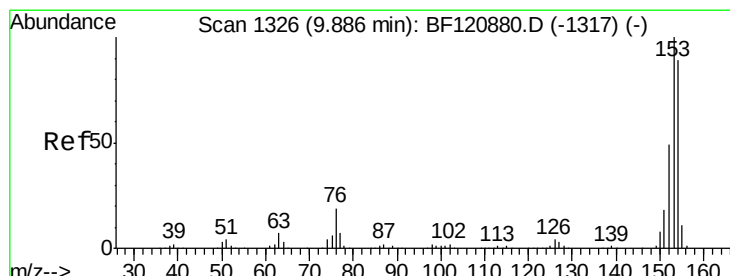
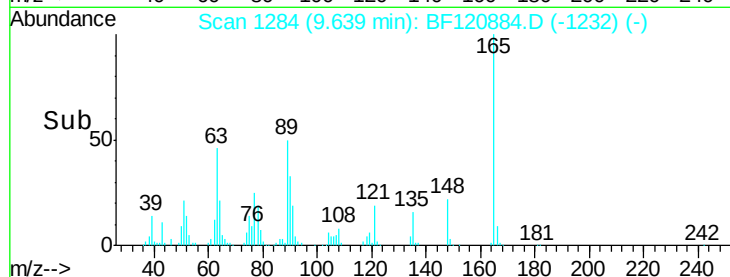
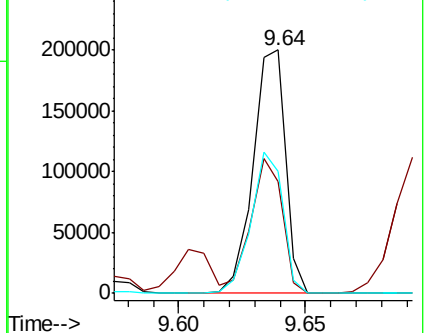
89 50.1 47.0 70.4



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: 39.377 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

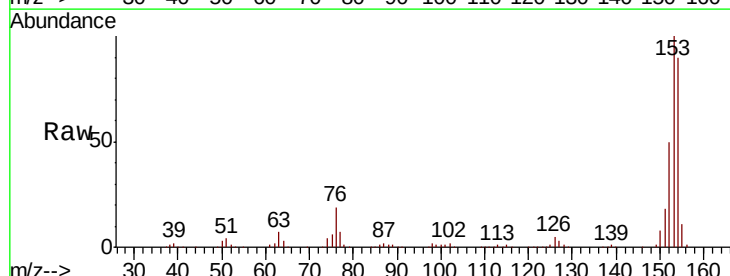
Tgt Ion:154 Resp: 694538

Ion Ratio Lower Upper

154 100

153 111.5 89.5 134.3

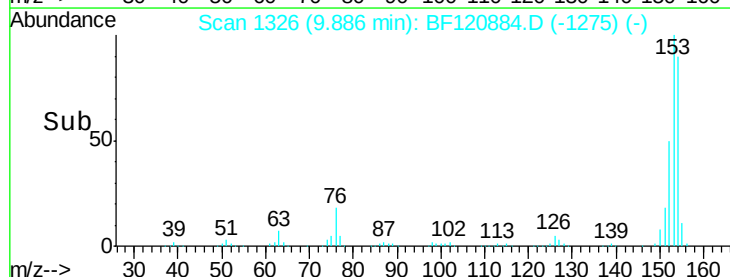
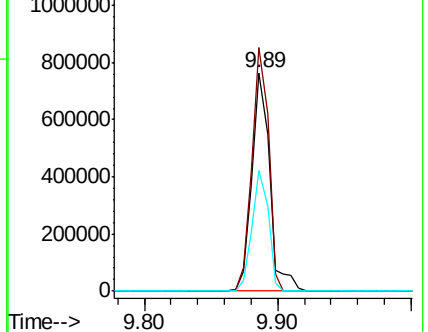
152 55.4 44.2 66.2

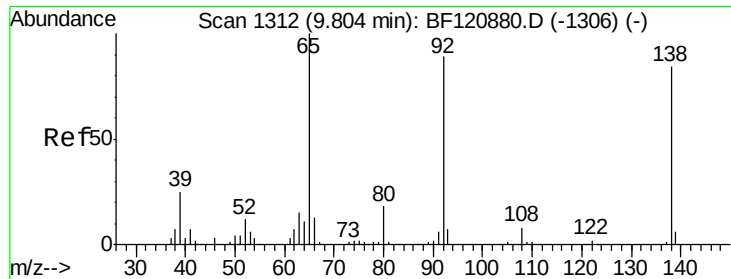


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

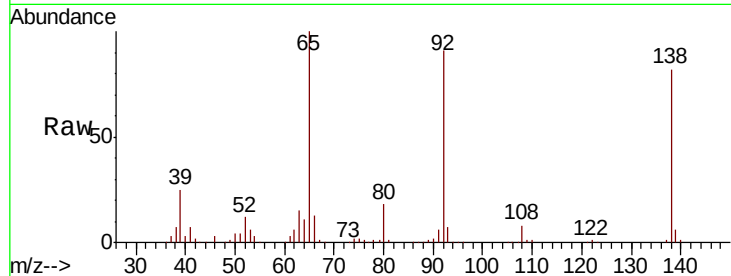




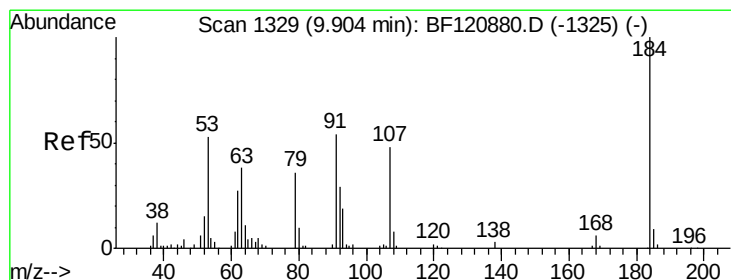
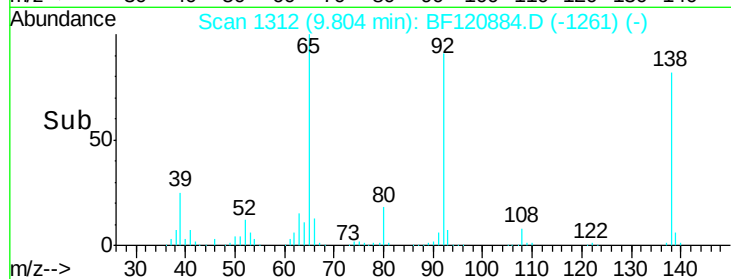
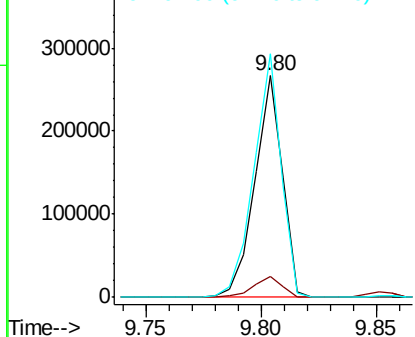
#53
 3-Nitroaniline
 Concen: 39.948 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:138 Resp: 222984
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.9 11.9
 92 110.0 85.3 127.9

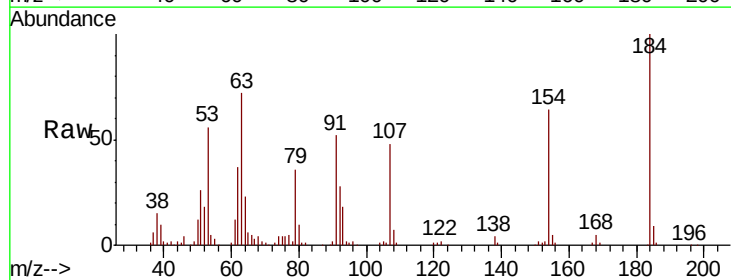


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

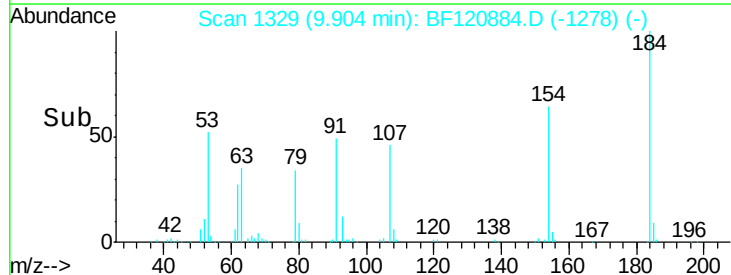
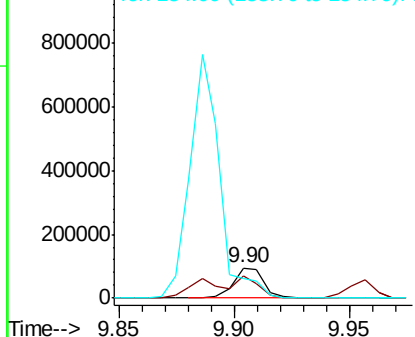


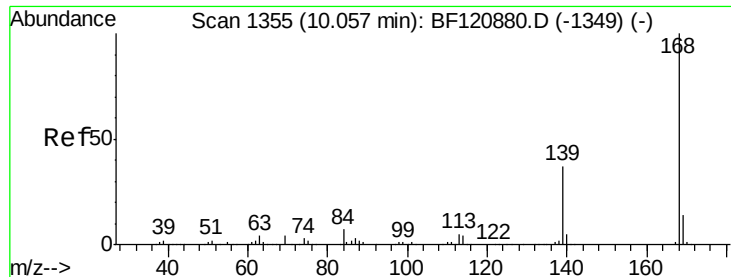
#54
 2,4-Dinitrophenol
 Concen: 37.670 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Tgt Ion:184 Resp: 86375
 Ion Ratio Lower Upper
 184 100
 63 72.1 57.9 86.9
 154 63.5 52.6 78.8



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

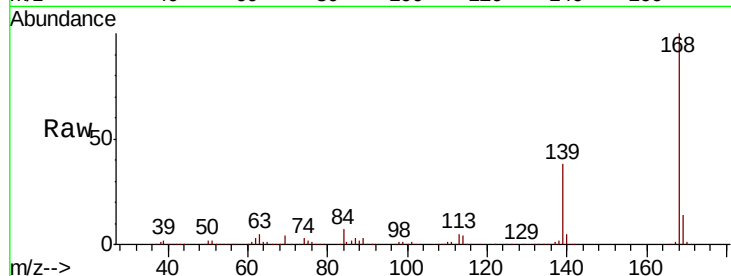




#55
Dibenzenofuran
Concen: 38.765 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	29.7	44.5
169	14.4	11.1	16.7

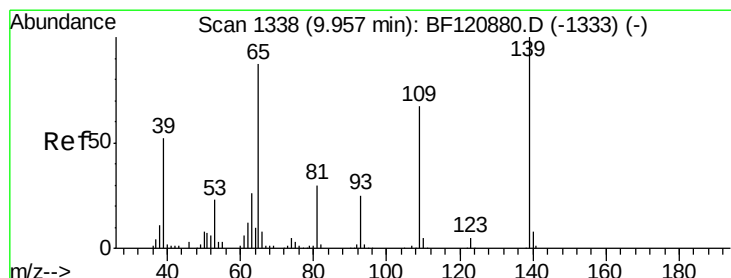
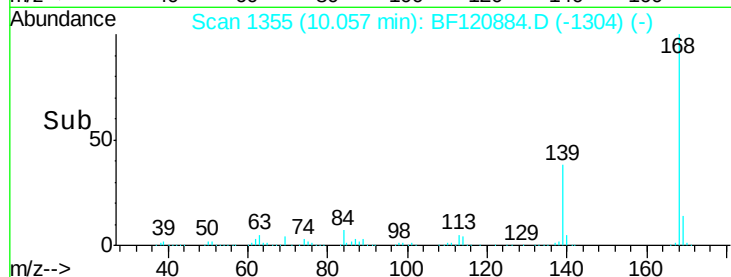
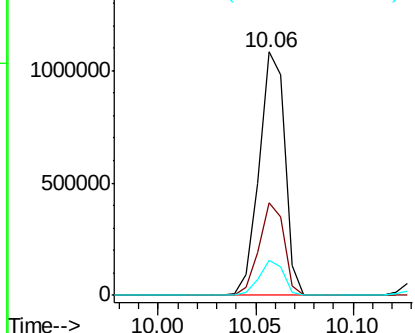


Abundance

Ion 168.00 (167.70 to 168.70): E

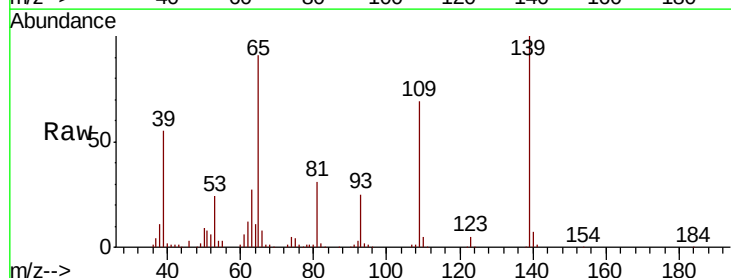
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 40.081 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.0	47.3	87.3
65	90.9	67.2	107.2

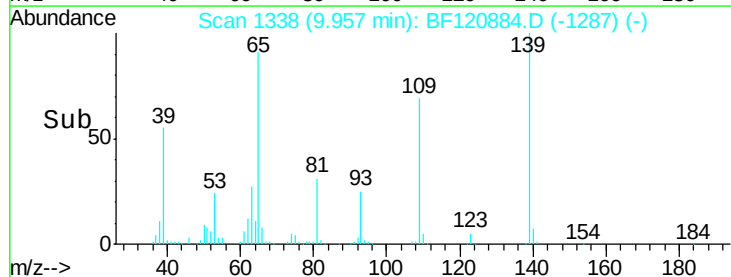
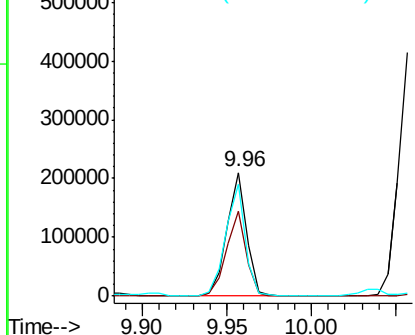


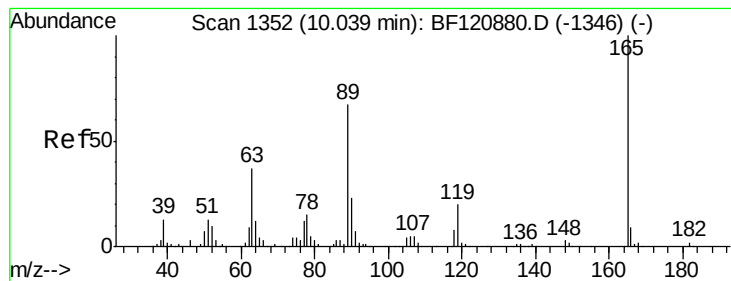
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 41.197 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_P

ClientSampleId :

Tot Ion:165 Resp: 240778

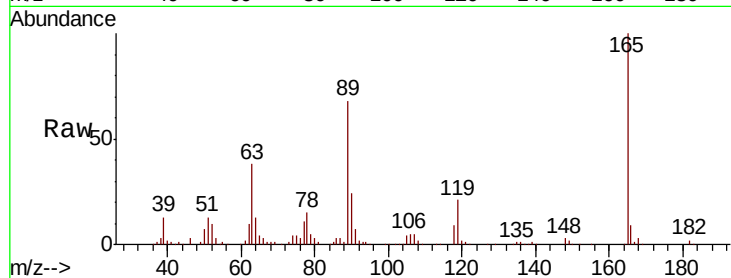
Ion Ratio Lower Upper

165 100

63 37.9 29.4 44.2

89 67.5 53.4 80.0

182 2.4 1.8 2.6

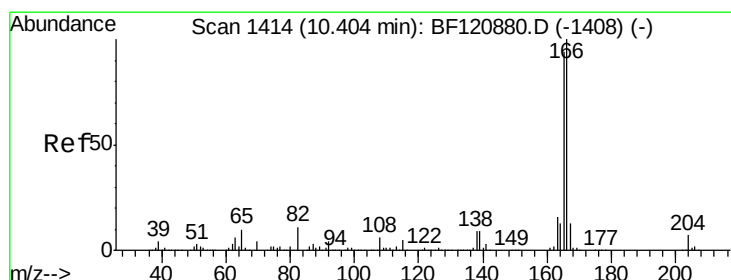
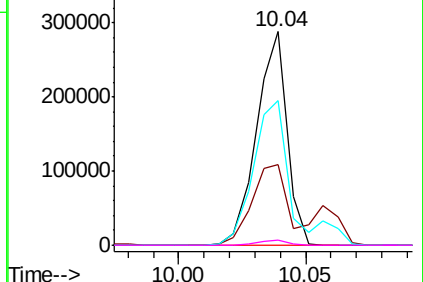
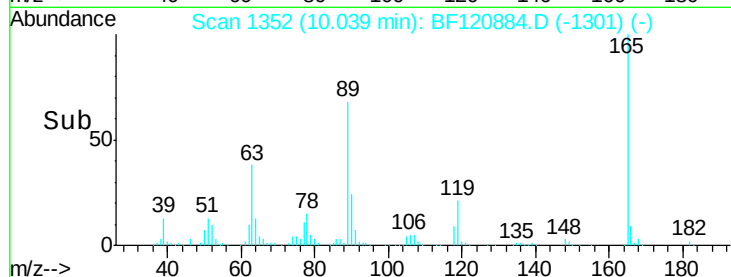


Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.489 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

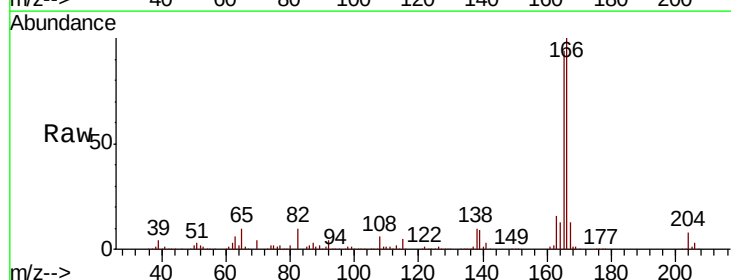
Tgt Ion:166 Resp: 713177

Ion Ratio Lower Upper

166 100

165 94.3 75.4 113.0

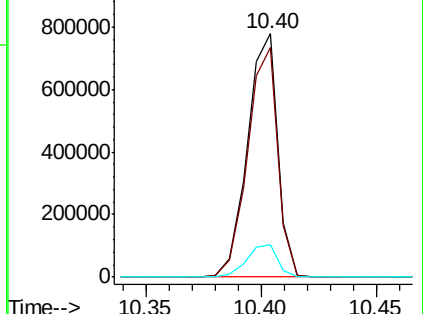
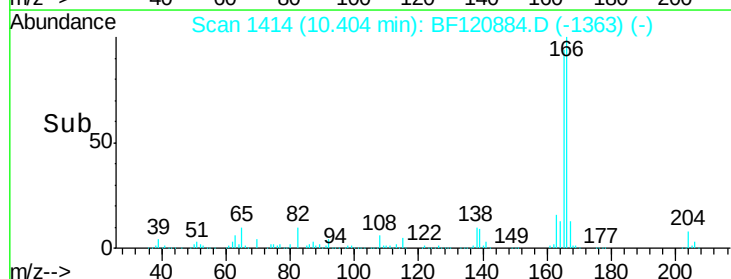
167 13.5 10.6 15.8

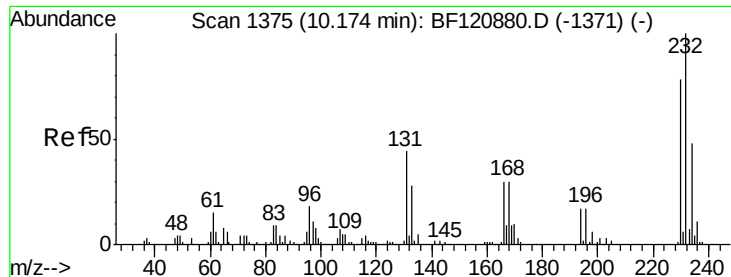


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

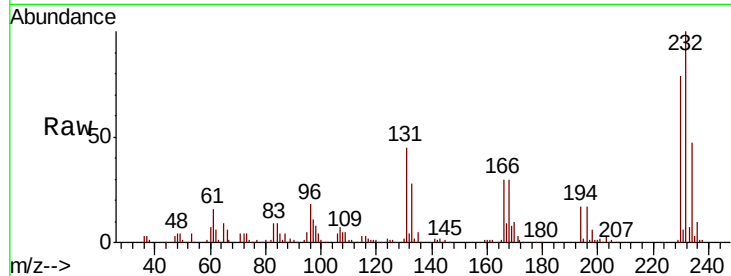




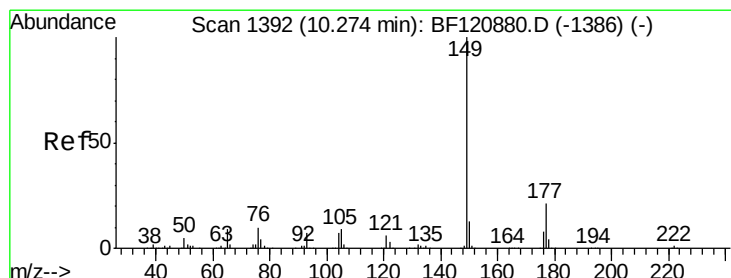
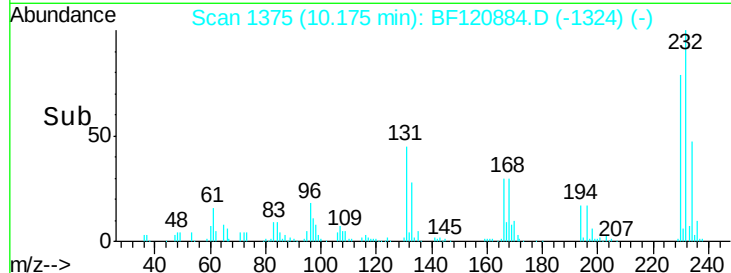
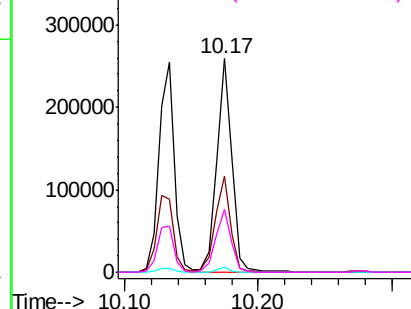
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.653 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.8	37.1	55.7
130	2.2	1.7	2.5
166	29.9	24.2	36.4

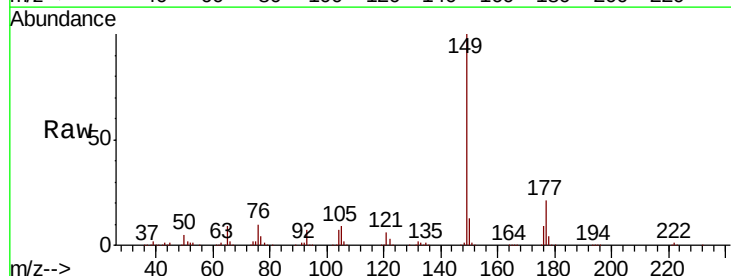


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

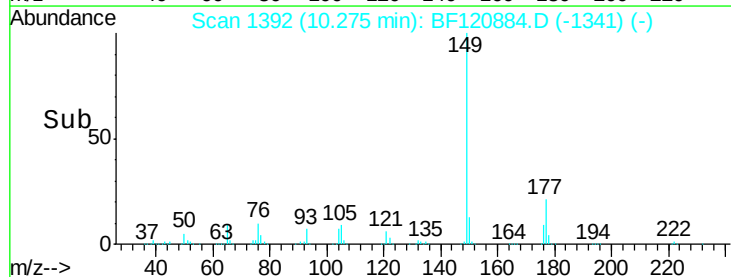
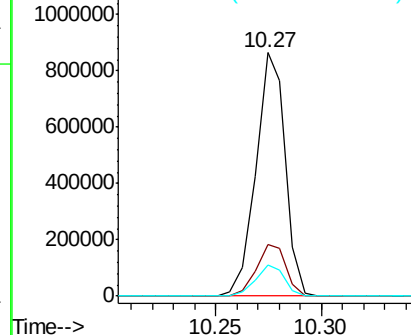


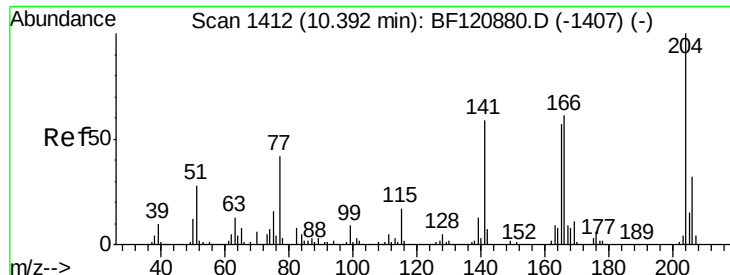
#60
Diethylphthalate
Concen: 39.713 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.1	25.7
150	12.7	10.3	15.5



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

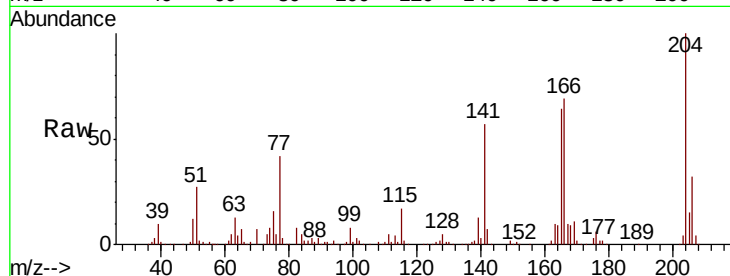




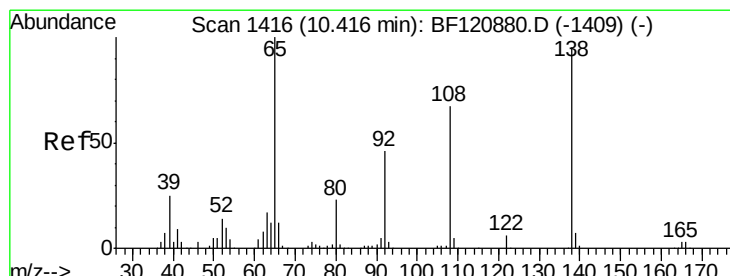
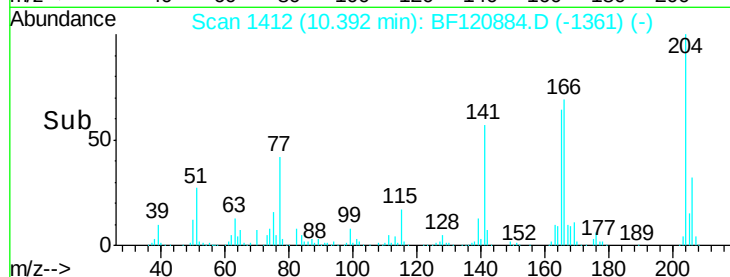
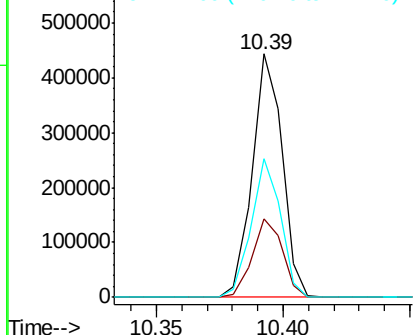
#61
4-Chlorophenyl-phenylether
Concen: 36.031 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_P
ClientSampled :

Tot Ion:204 Resp: 365590
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 57.1 47.2 70.8

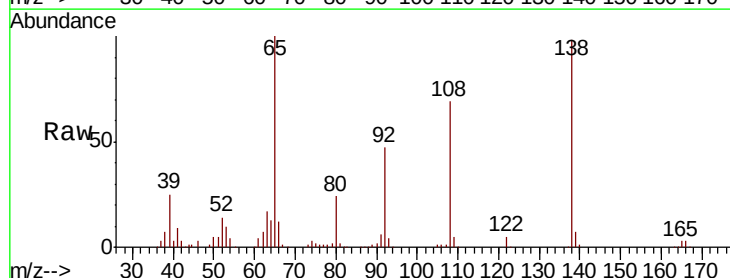


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

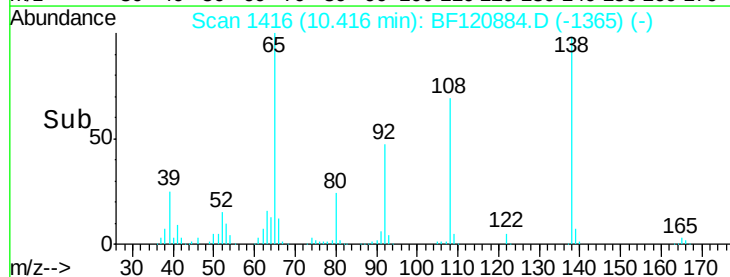
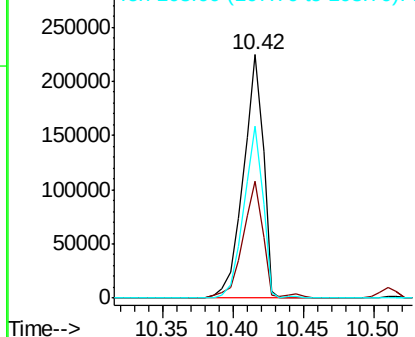


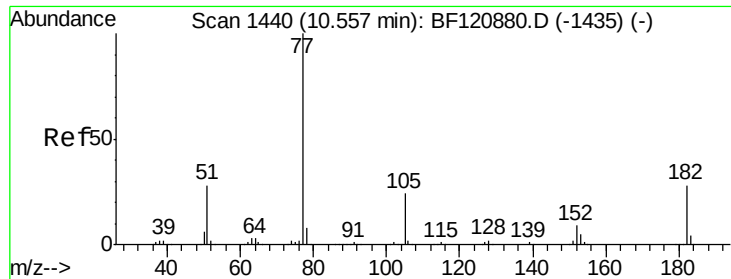
#62
4-Nitroaniline
Concen: 40.689 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion:138 Resp: 221237
Ion Ratio Lower Upper
138 100
92 47.9 28.6 68.6
108 70.9 51.1 91.1



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: 38.911 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

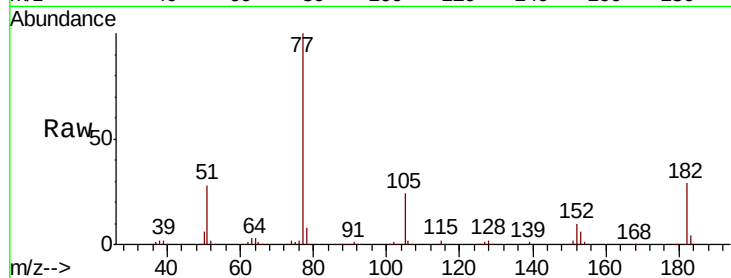
Instrument :

BNA_P

ClientSampled :

Tot Ion: 77 Resp: 776208

Ion	Ratio	Lower	Upper
77	100		
182	28.7	7.8	47.8
105	24.0	4.4	44.4
51	27.9	8.0	48.0

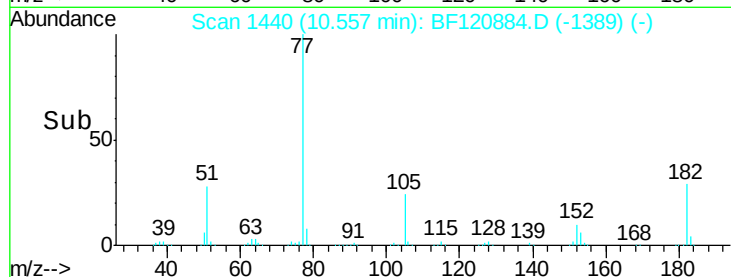


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->

10.56

500000

1000000

0

10.50 10.55 10.60

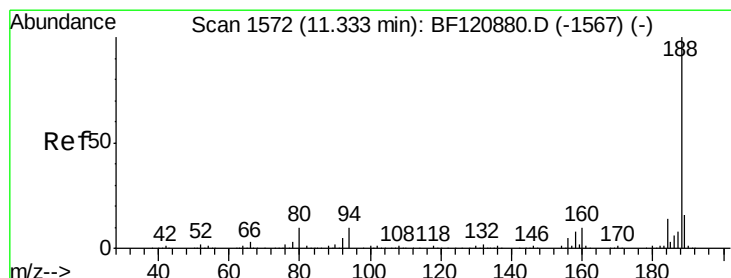
0

500000

1000000

0

10.50 10.55 10.60



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

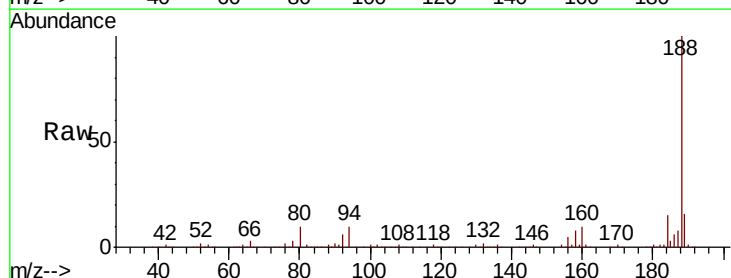
Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Tgt Ion: 188 Resp: 545192

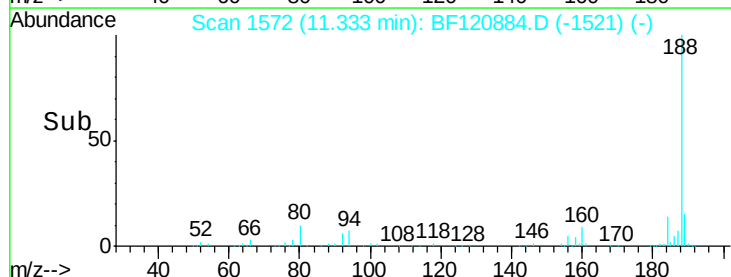
Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.0	12.0
80	10.4	8.3	12.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

11.33

600000

800000

0

11.30 11.35

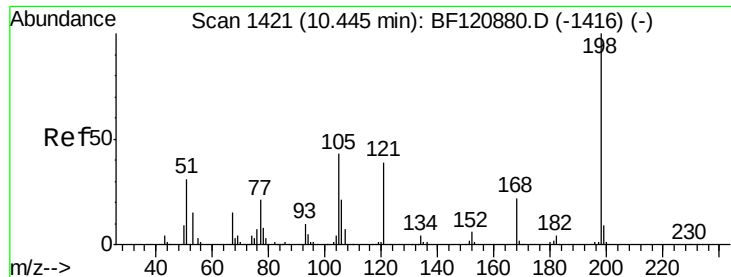
0

200000

400000

600000

800000



#65

4,6-Dinitro-2-methylphenol

Concen: 38.736 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

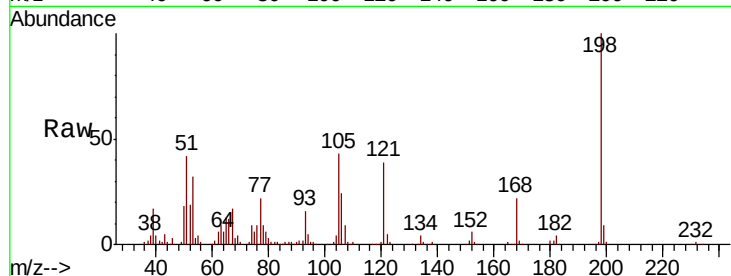
Instrument :

BNA_P

ClientSampleId :

Tot Ion:198 Resp: 119681

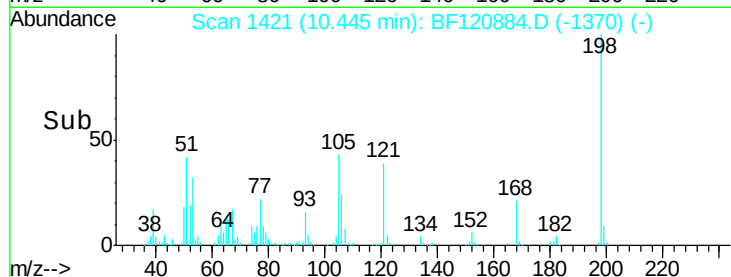
Ion	Ratio	Lower	Upper
198	100		
51	41.8	19.5	59.5
105	42.7	24.4	64.4



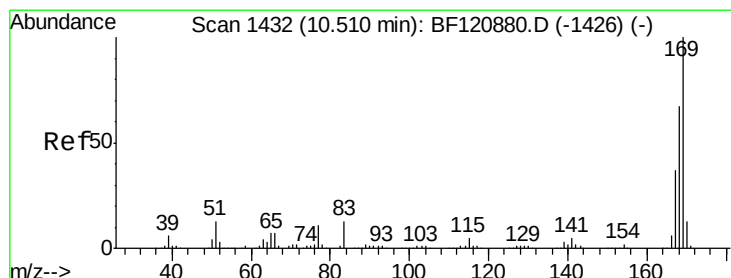
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 39.731 ng

RT: 10.51 min Scan# 1432

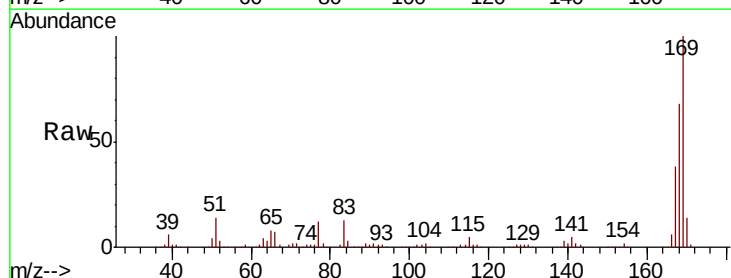
Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Tgt Ion:169 Resp: 681405

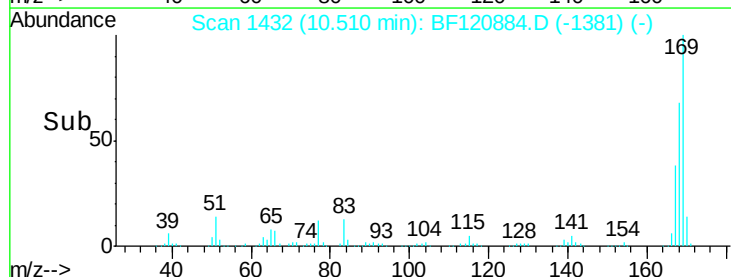
Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.4	80.0
167	37.6	29.4	44.0



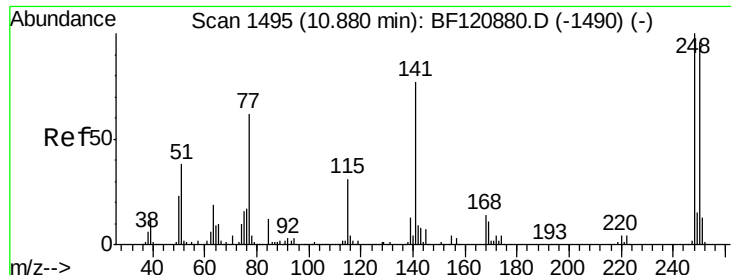
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



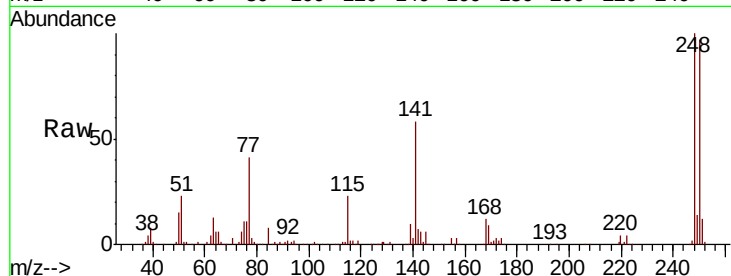
Time-->



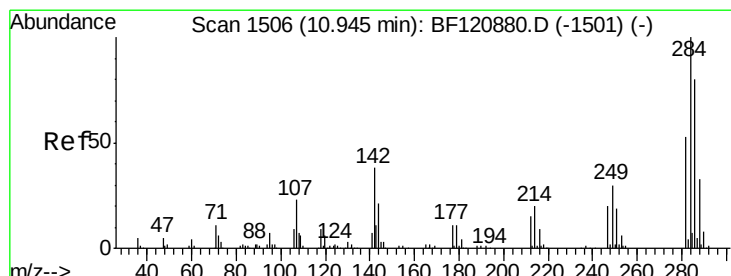
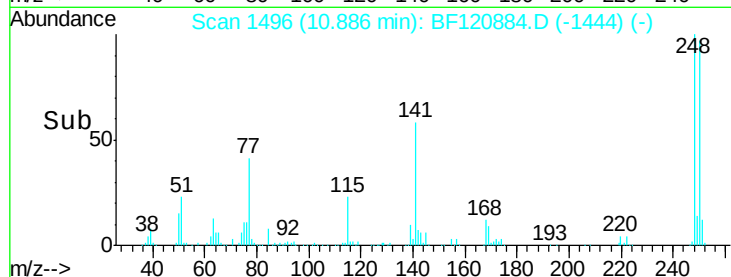
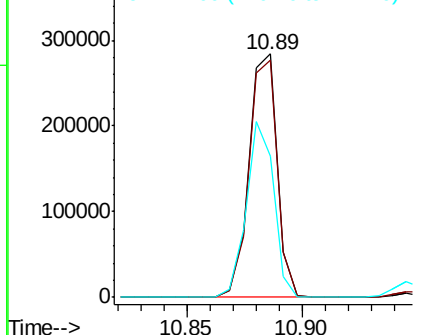
#67
4-Bromophenyl-phenylether
Concen: 40.039 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion:248 Resp: 243374
Ion Ratio Lower Upper
248 100
250 97.2 77.1 115.7
141 58.2 61.2 91.8#

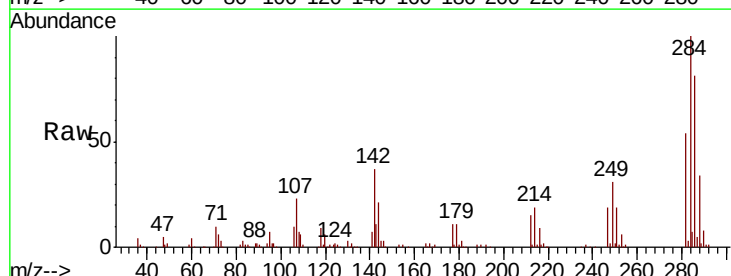


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

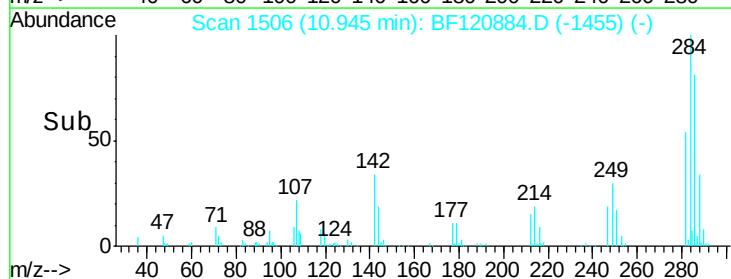
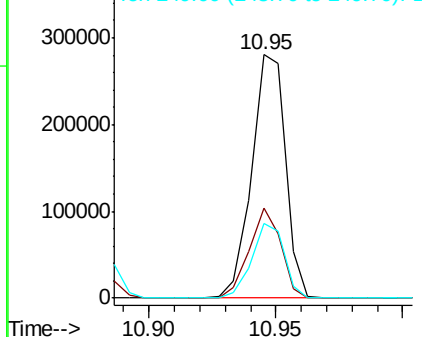


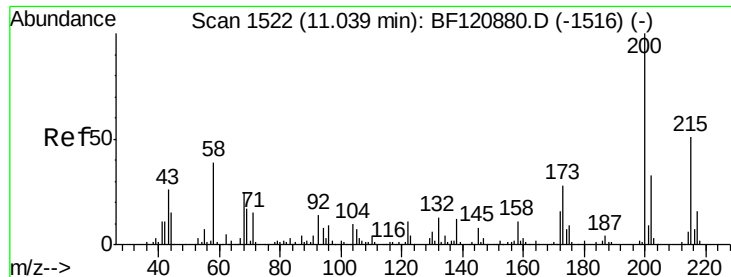
#68
Hexachlorobenzene
Concen: 39.741 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion:284 Resp: 261310
Ion Ratio Lower Upper
284 100
142 37.2 30.2 45.2
249 30.8 24.2 36.2



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

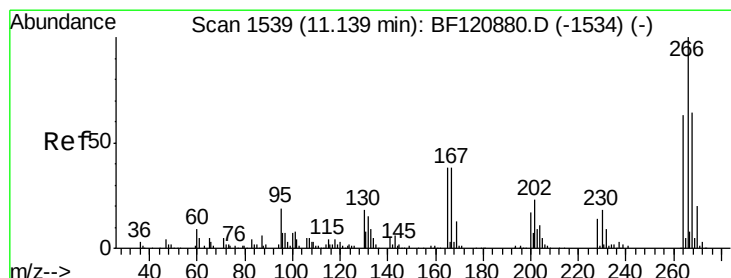
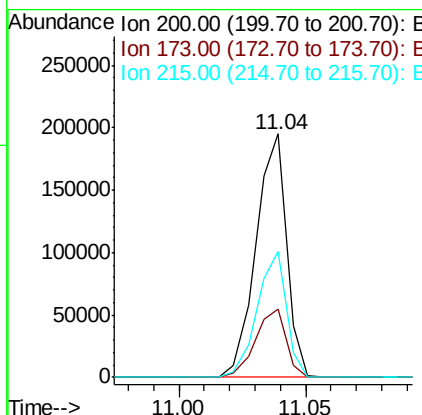
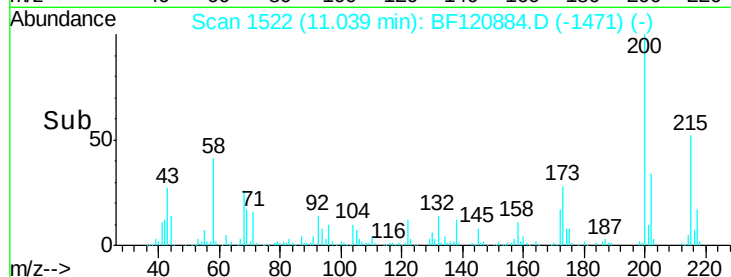
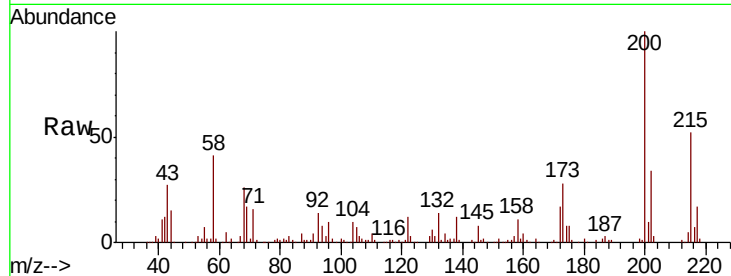




#69
 Atrazine
 Concen: 38.790 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

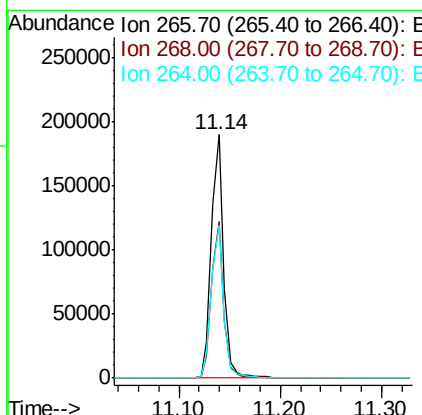
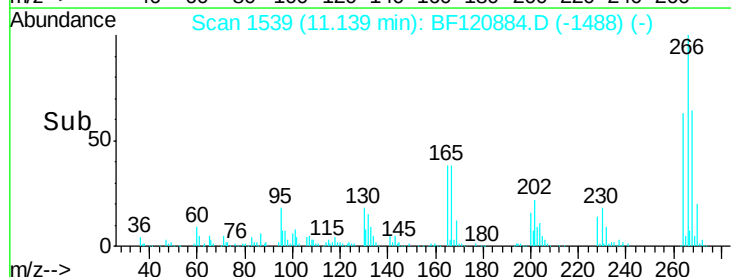
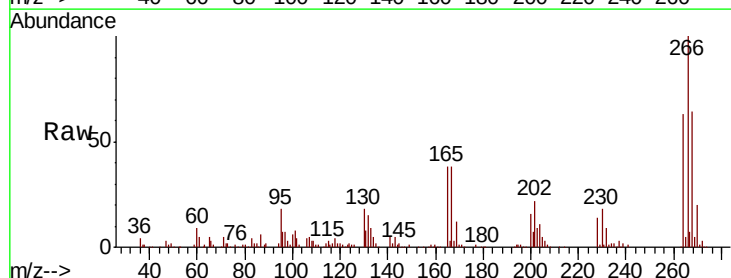
Instrument :
 BNA_P
 ClientSampled :

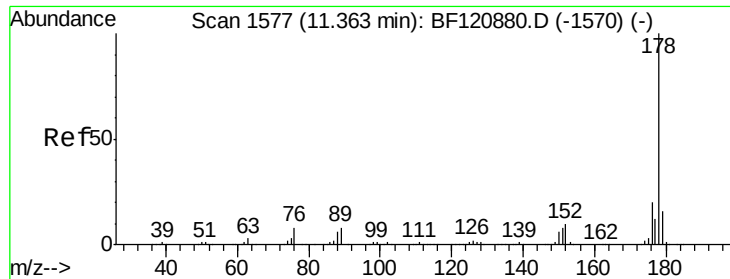
Tot Ion:200 Resp: 164761
 Ion Ratio Lower Upper
 200 100
 173 28.0 8.0 48.0
 215 51.8 31.5 71.5



#70
 Pentachlorophenol
 Concen: 42.664 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Tgt Ion:266 Resp: 160711
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.1 76.7
 264 62.7 50.2 75.2





#71

Phenanthrene

Concen: 39.116 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_P

ClientSampleId :

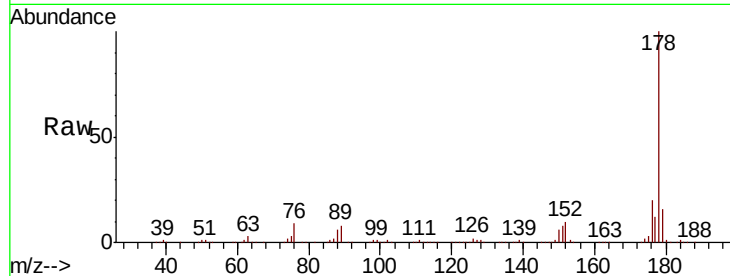
Tot Ion:178 Resp: 1096791

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.4

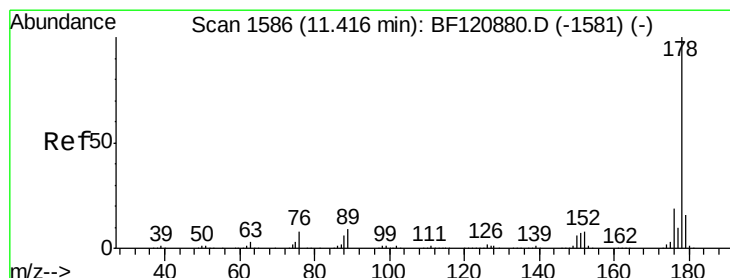
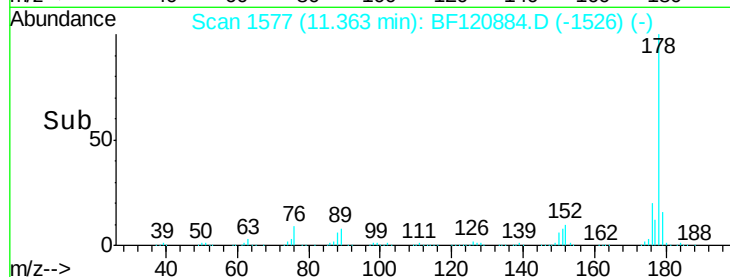
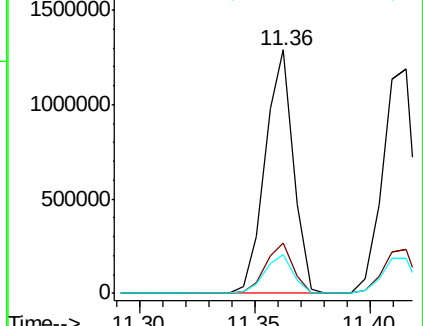
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.546 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

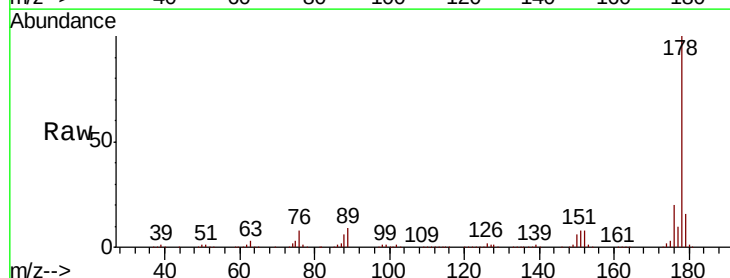
Tgt Ion:178 Resp: 1113448

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

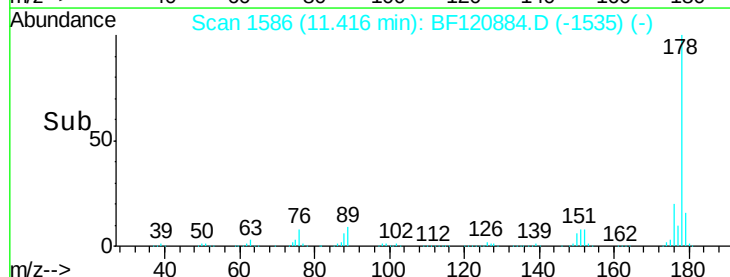
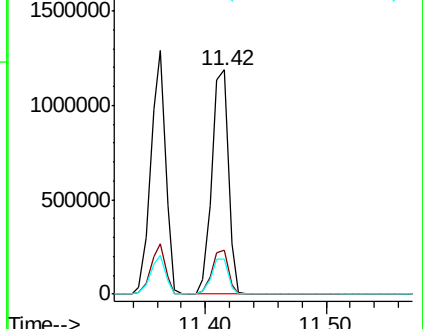
179 15.6 12.8 19.2

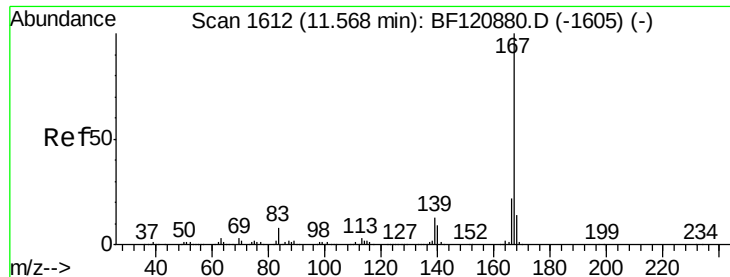


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

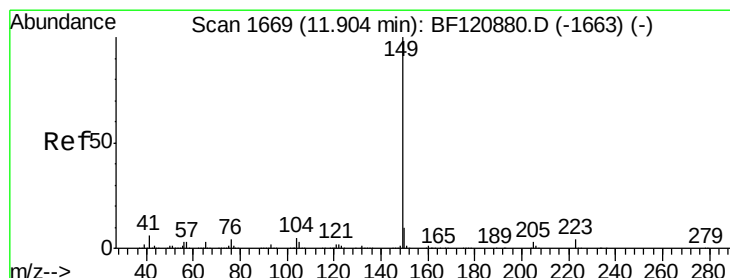
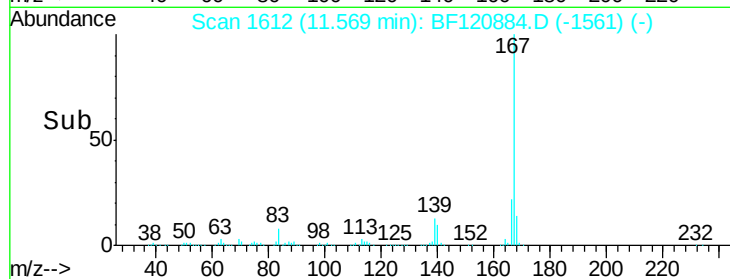
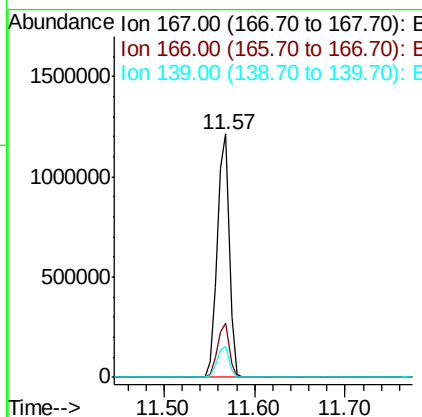
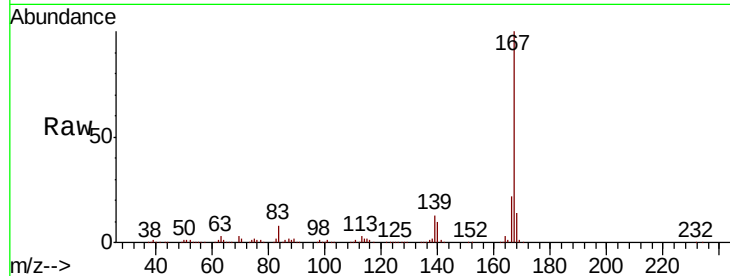




#73
 Carbazole
 Concen: 39.428 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

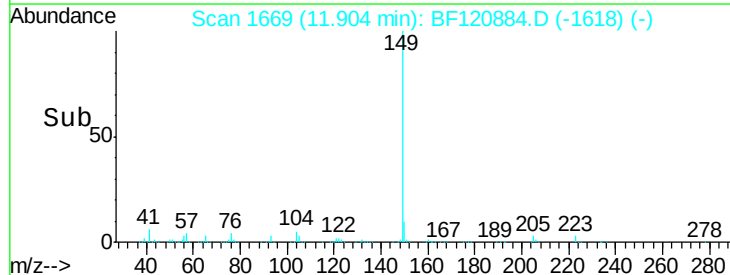
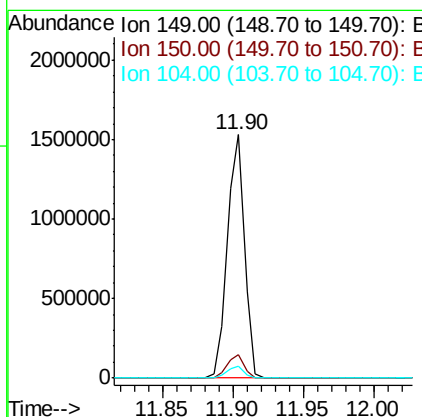
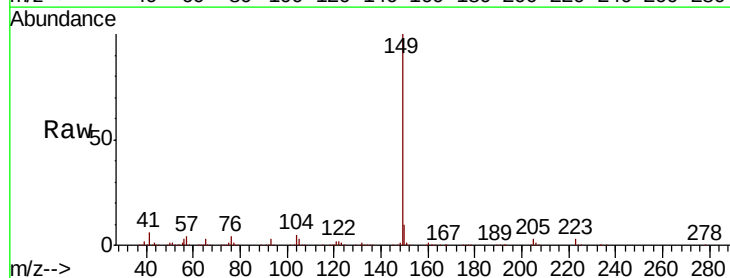
Instrument :
 BNA_P
 ClientSampleId :

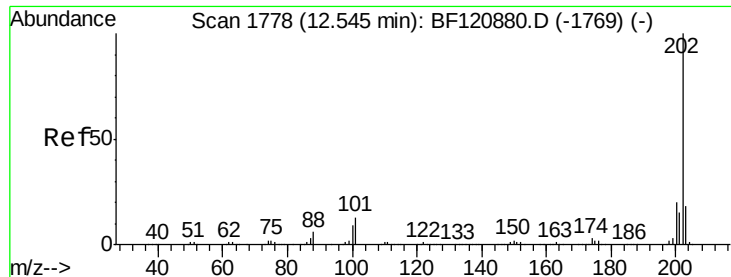
Tot Ion:167 Resp: 1101689
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.7 26.5
 139 12.8 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 39.894 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Tgt Ion:149 Resp: 1286361
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 4.8 3.8 5.6

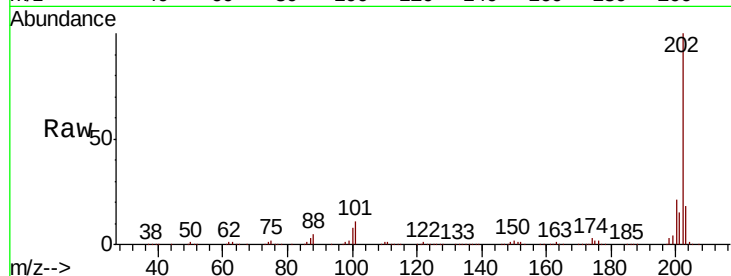




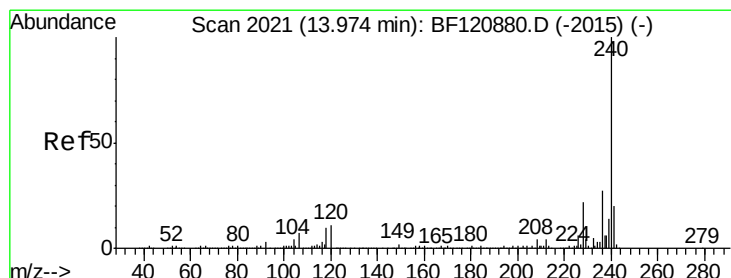
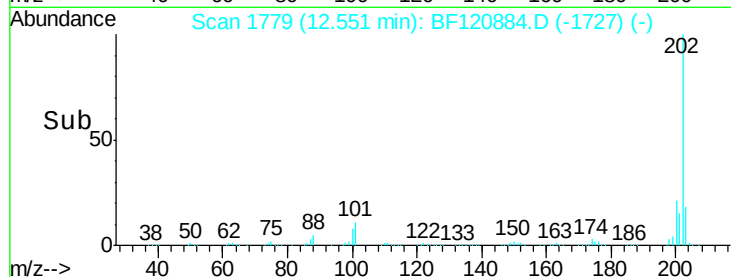
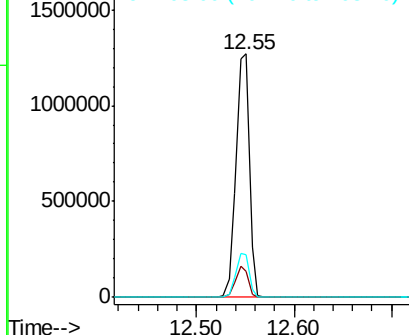
#75
Fluoranthene
Concen: 39.198 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion:202 Resp: 1218258
Ion Ratio Lower Upper
202 100
101 10.5 0.0 32.7
203 17.6 0.0 38.0

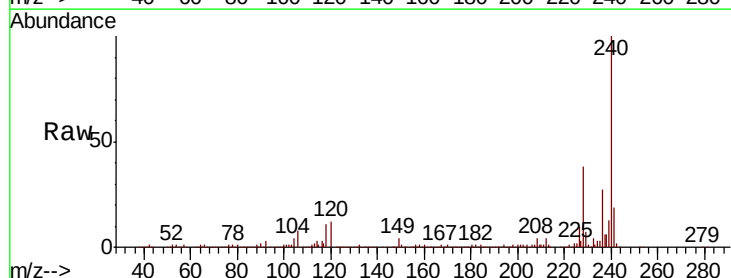


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

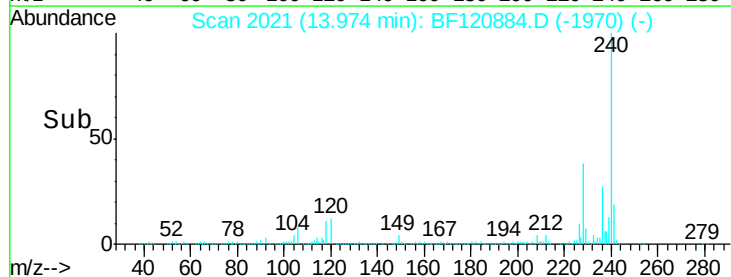
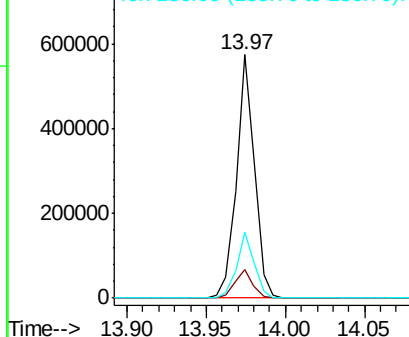


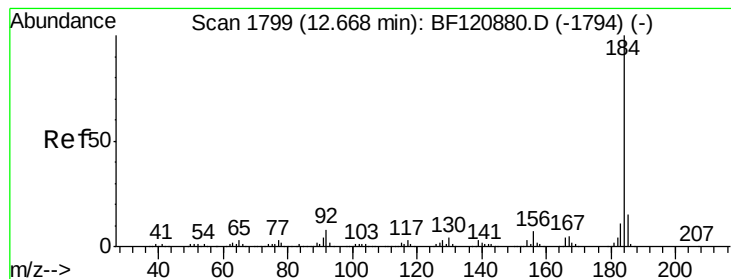
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion:240 Resp: 452476
Ion Ratio Lower Upper
240 100
120 11.6 9.0 13.4
236 26.8 21.7 32.5



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





#77

Benzidine

Concen: 41.729 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_P

ClientSampleId :

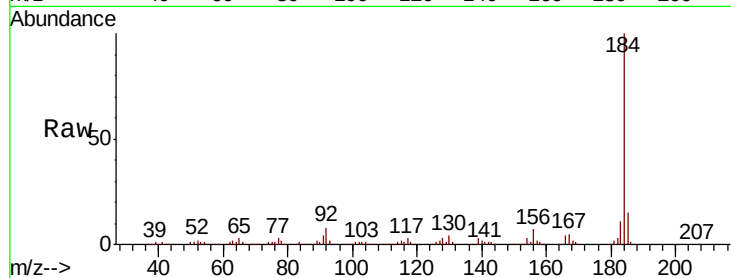
Tot Ion:184 Resp: 496427

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

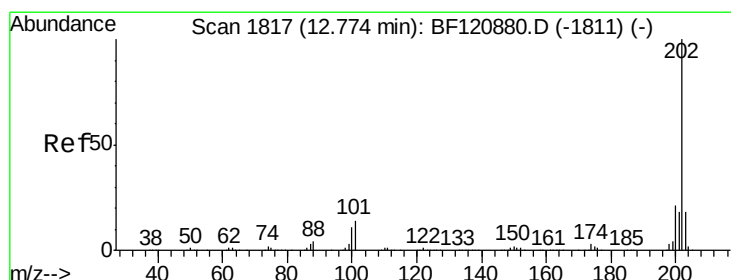
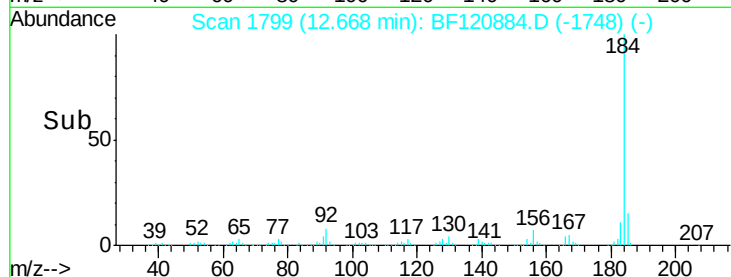
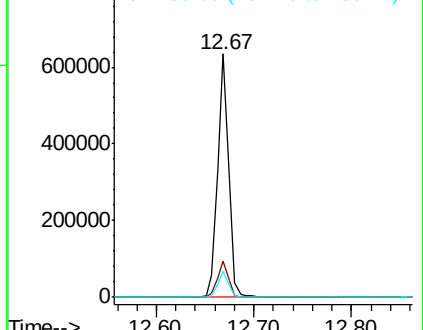
183 10.8 8.5 12.7



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: 39.989 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

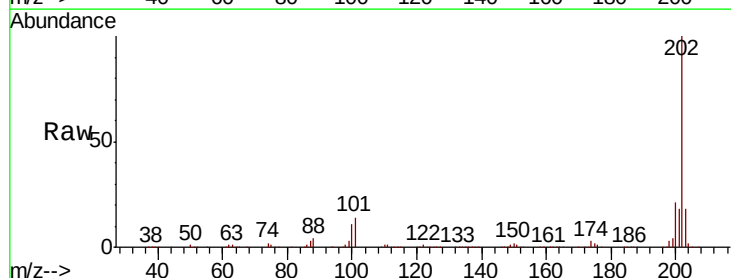
Tgt Ion:202 Resp: 1279265

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

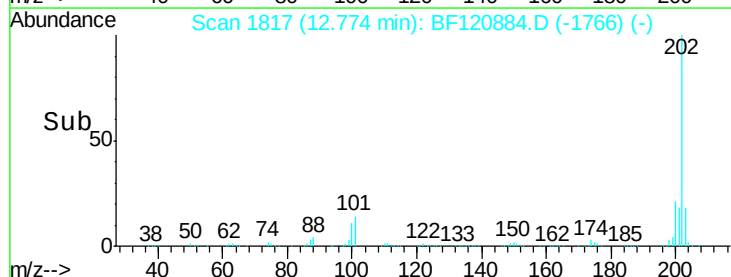
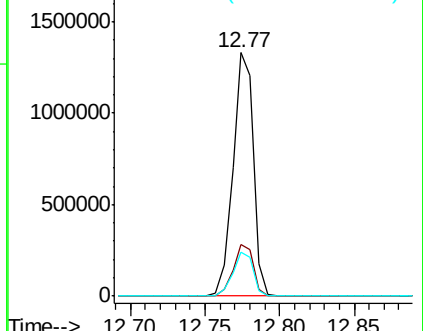
203 18.2 14.4 21.6

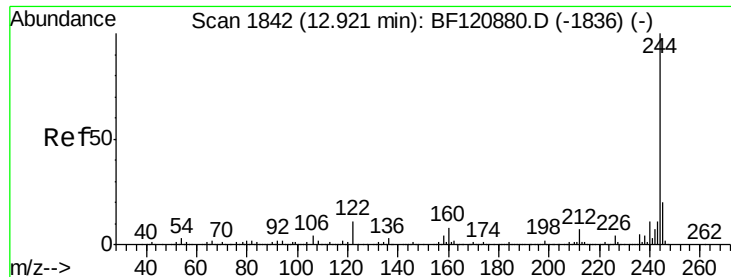


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.288 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_P

ClientSampleId :

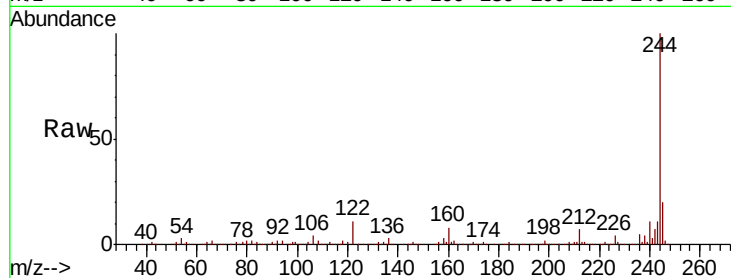
Tot Ion:244 Resp: 1567124

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

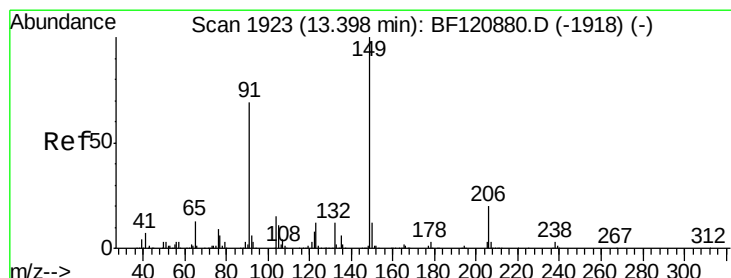
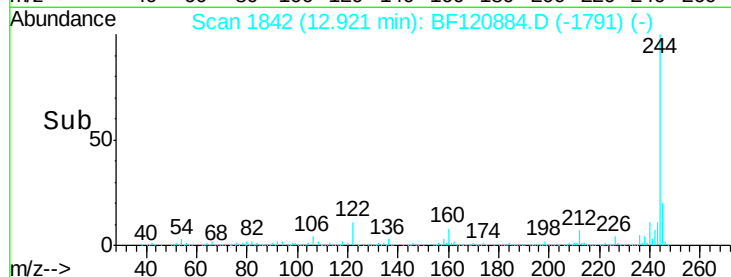
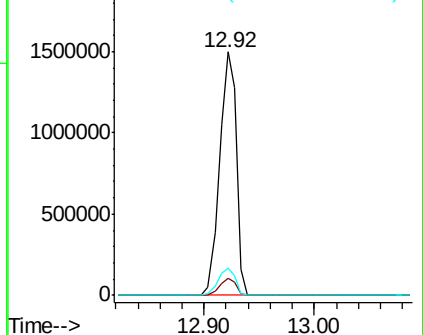
122 11.2 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.831 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

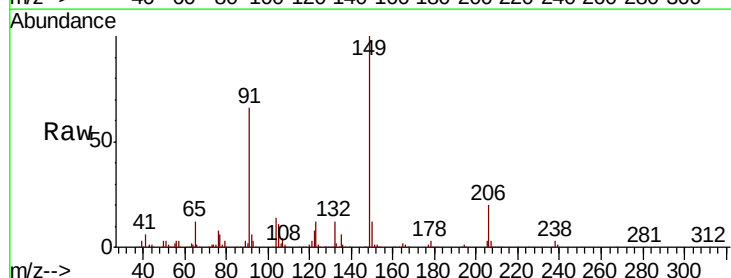
Tgt Ion:149 Resp: 582281

Ion Ratio Lower Upper

149 100

91 66.5 55.1 82.7

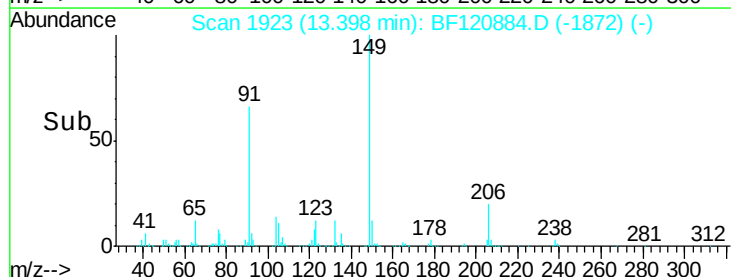
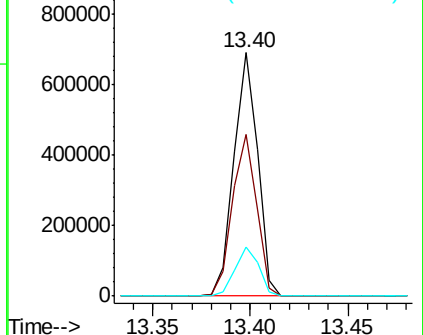
206 20.3 16.1 24.1

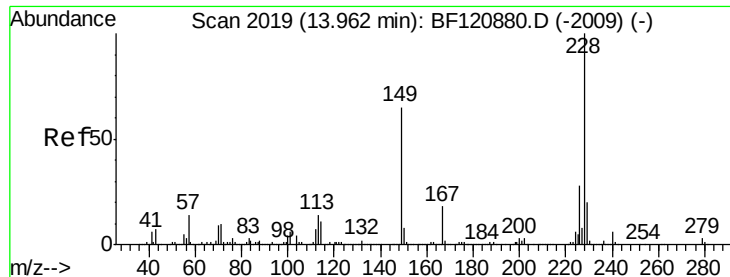


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.735 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_P

ClientSampleId :

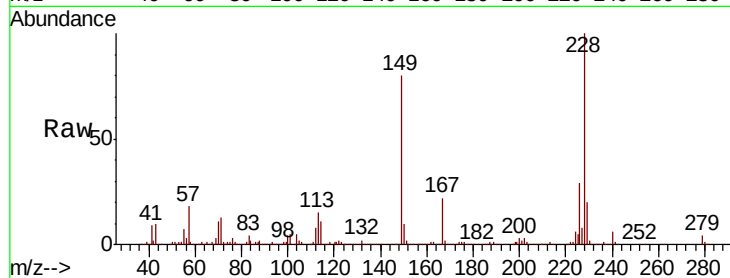
Tot Ion:228 Resp: 1061338

Ion Ratio Lower Upper

228 100

226 28.5 22.3 33.5

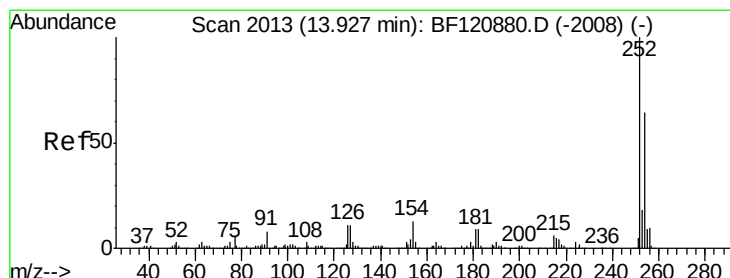
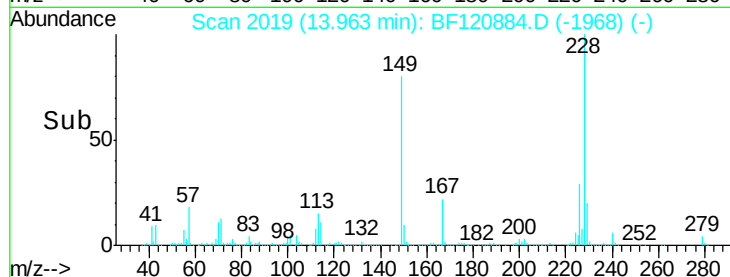
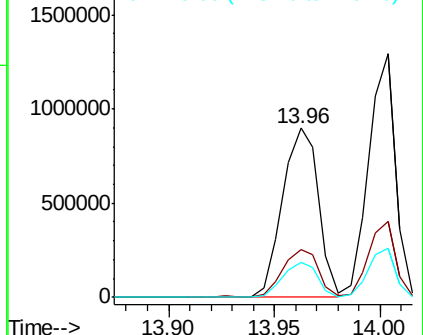
229 20.4 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.764 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

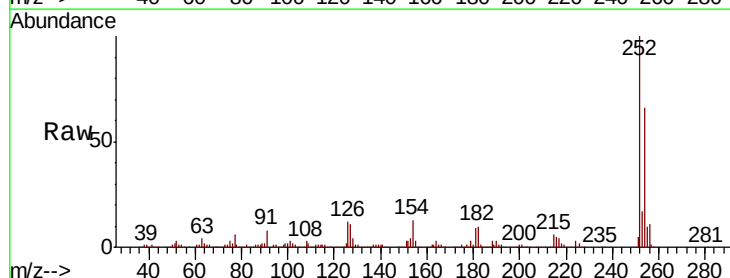
Tgt Ion:252 Resp: 411048

Ion Ratio Lower Upper

252 100

254 65.7 51.2 76.8

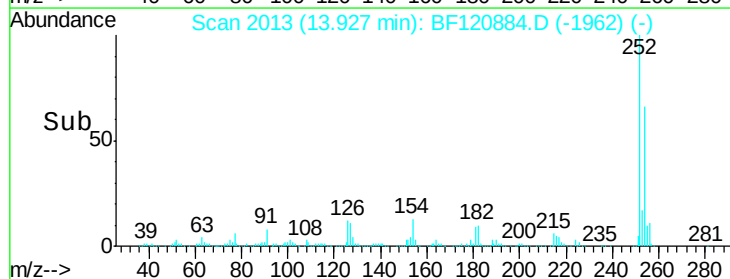
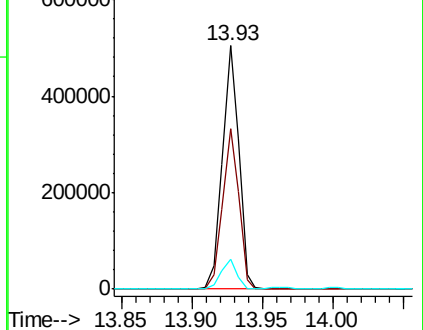
126 12.0 8.7 13.1

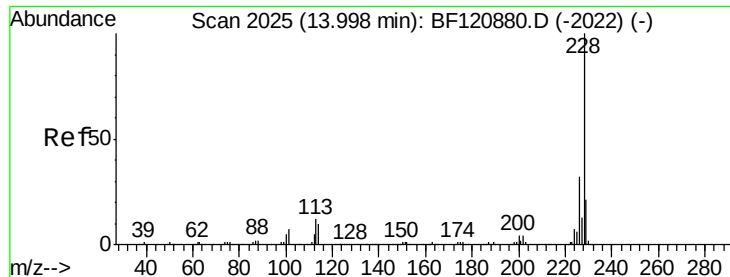


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.763 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_P

ClientSampleId :

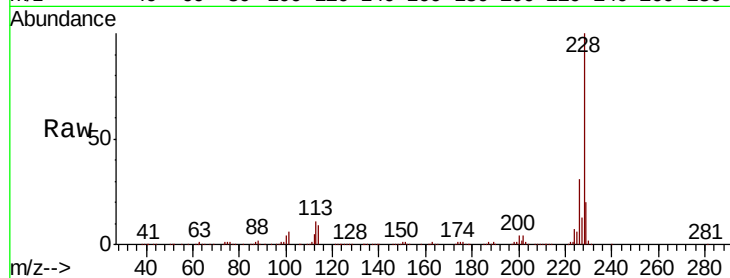
Tot Ion:228 Resp: 1144956

Ion Ratio Lower Upper

228 100

226 31.1 25.6 38.4

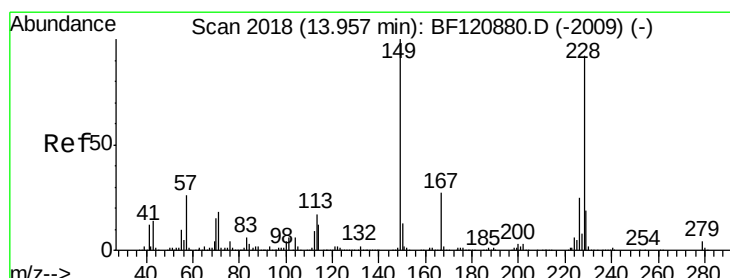
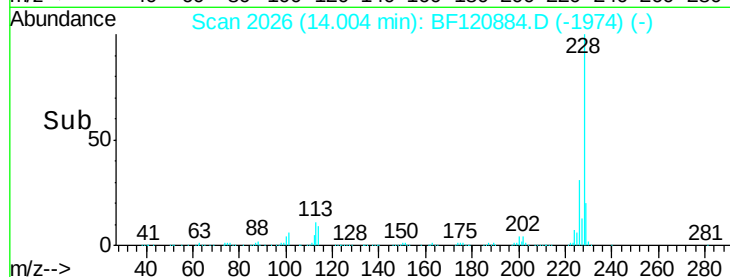
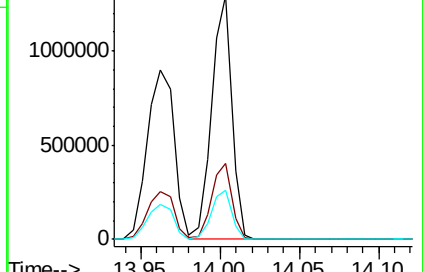
229 20.3 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.519 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

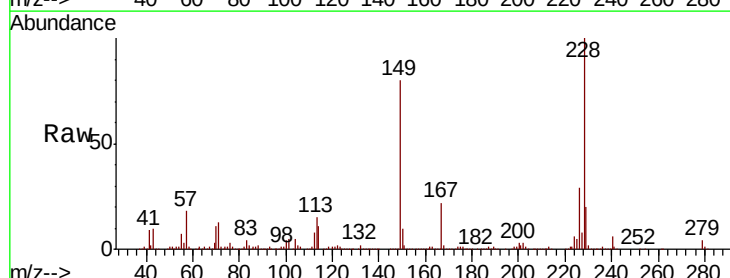
Tgt Ion:149 Resp: 694950

Ion Ratio Lower Upper

149 100

167 27.7 21.9 32.9

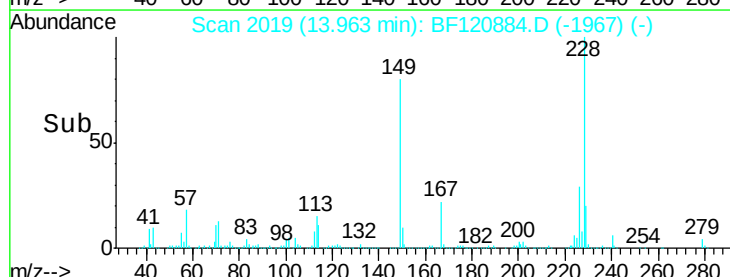
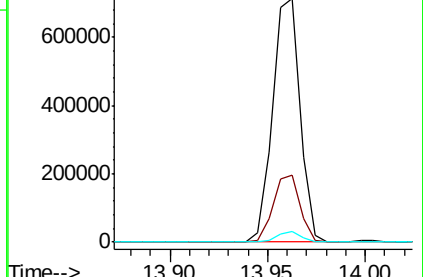
279 4.5 3.0 4.4#

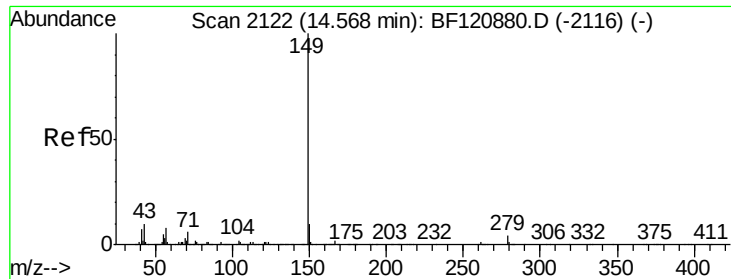


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

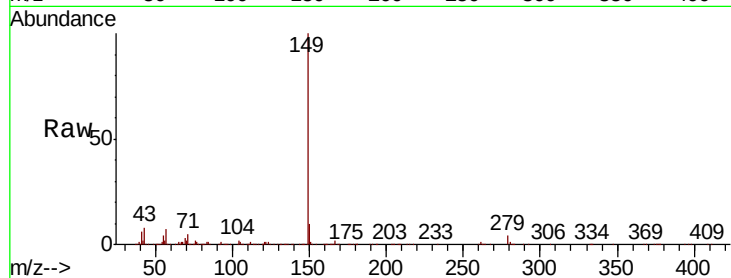




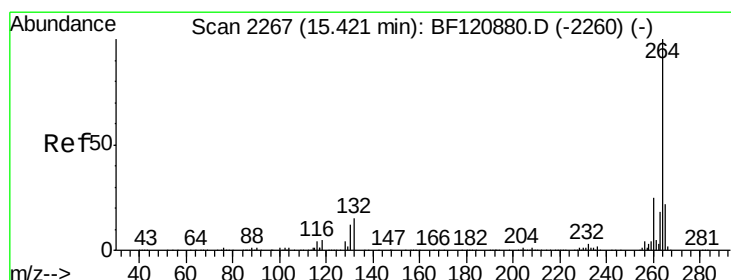
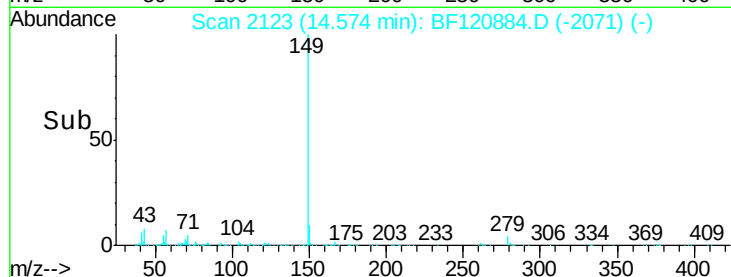
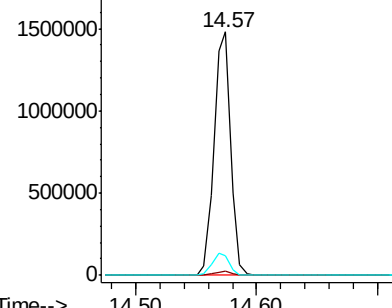
#85
Di-n-octyl phthalate
Concen: 40.208 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion:149 Resp: 1406717
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 7.6 11.4

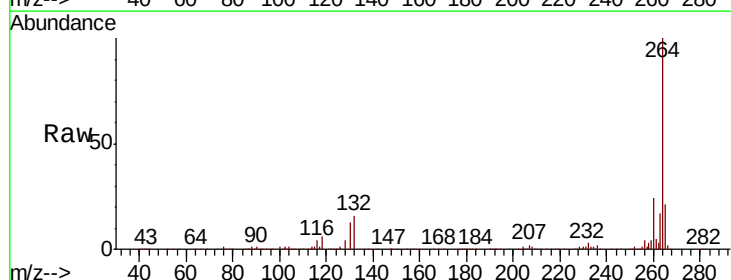


Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

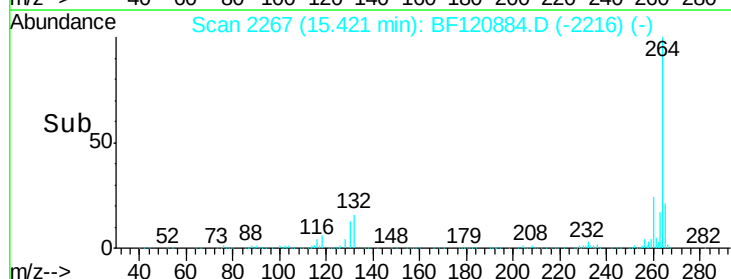
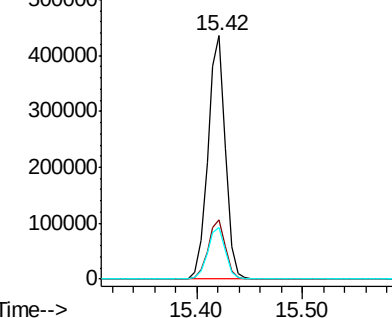


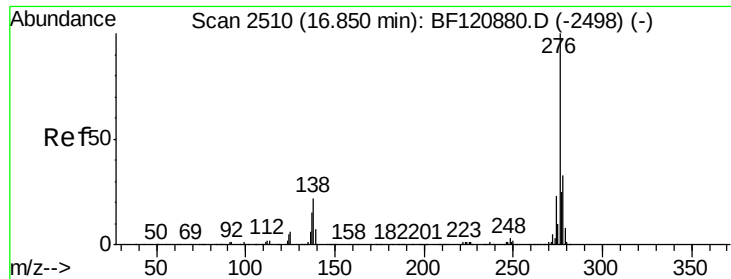
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion:264 Resp: 502350
Ion Ratio Lower Upper
264 100
260 24.4 20.0 30.0
265 21.0 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
600000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



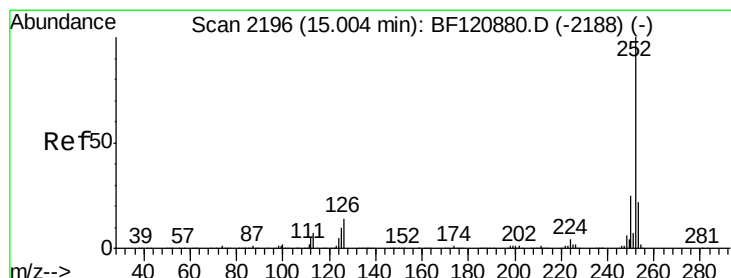
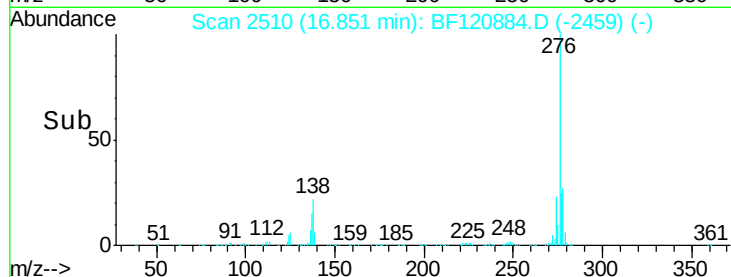
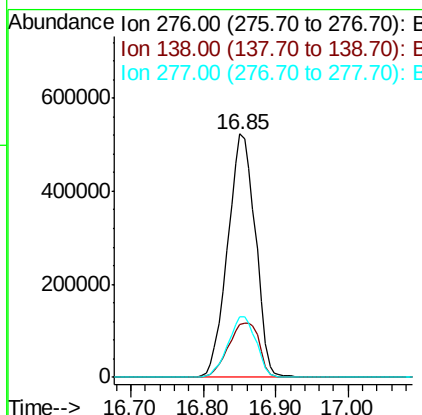
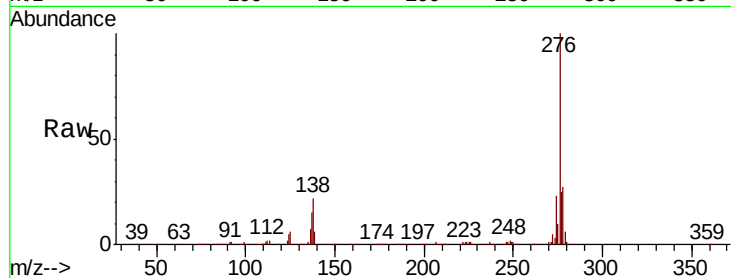


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.764 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:276 Resp: 1389204

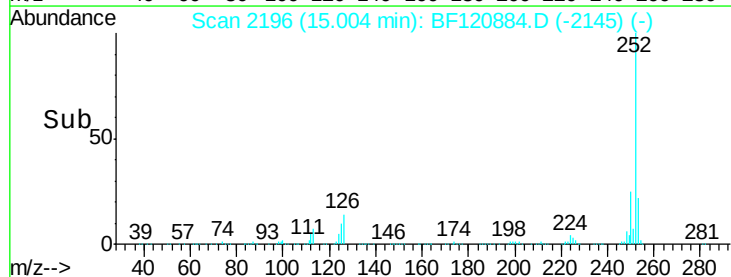
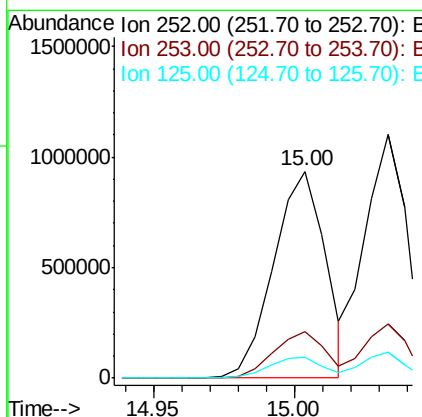
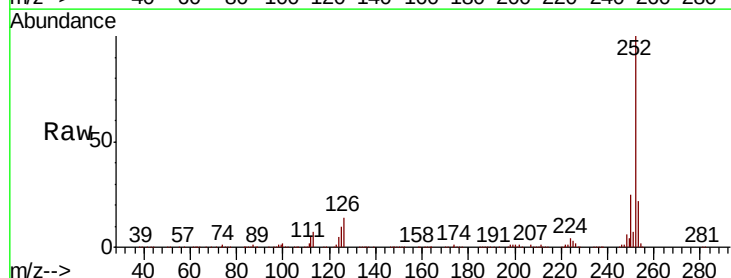
Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.8	29.8
277	25.4	20.2	30.2

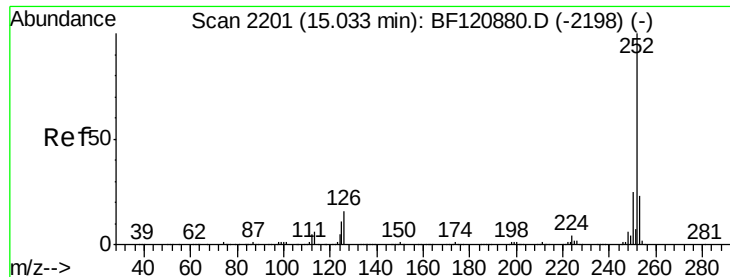


#88
 Benzo(b)fluoranthene
 Concen: 39.178 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120884.D
 Acq: 16 Jul 2020 14:26

Tgt Ion:252 Resp: 1189655

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.2	8.3	12.5

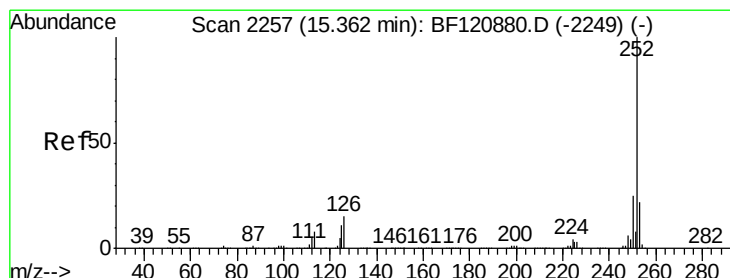
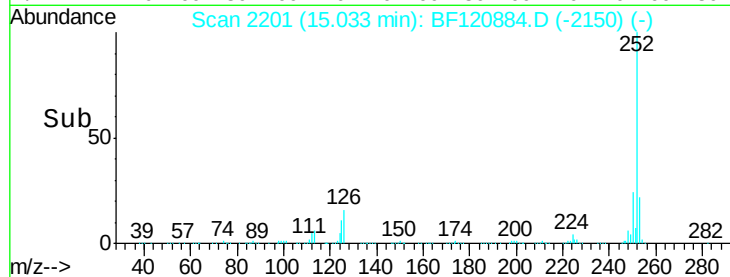
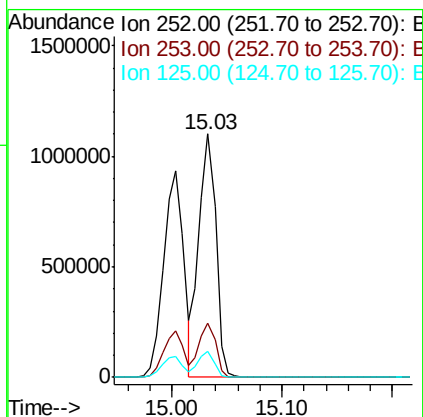
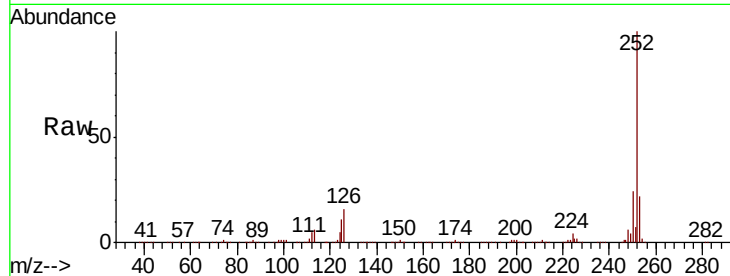




#89
Benzo(k)fluoranthene
Concen: 41.647 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

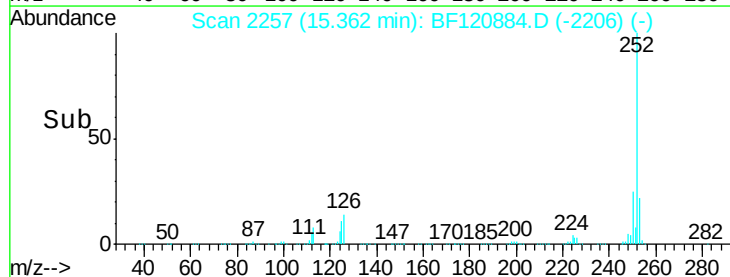
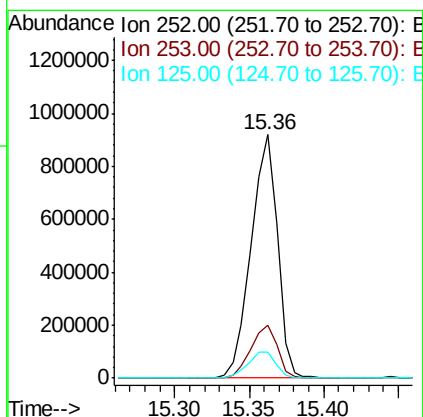
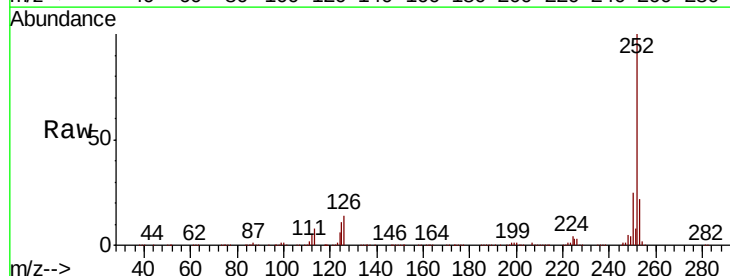
Instrument :
BNA_P
ClientSampled :

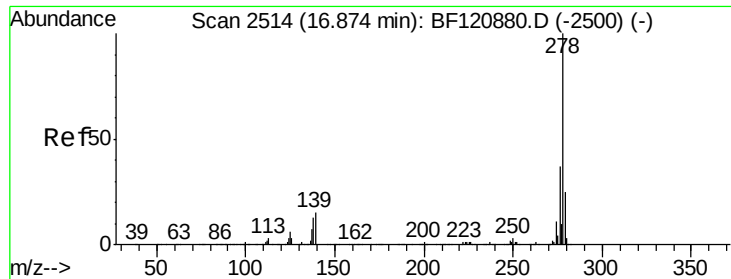
Tot Ion:252 Resp: 1153331
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 10.5 8.4 12.6



#90
Benzo(a)pyrene
Concen: 40.452 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120884.D
Acq: 16 Jul 2020 14:26

Tgt Ion:252 Resp: 1120678
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 10.6 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 40.529 ng

RT: 16.87 min Scan# 2514

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_P

ClientSampled :

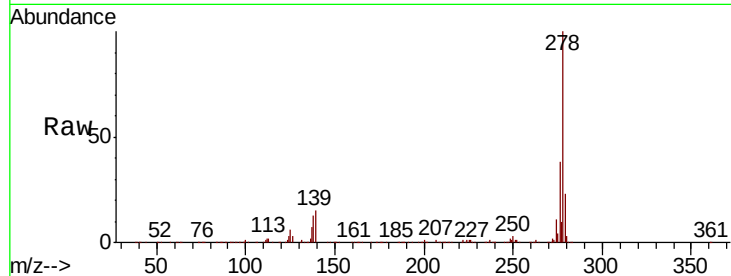
Tot Ion:278 Resp: 1156629

Ion Ratio Lower Upper

278 100

139 15.4 12.3 18.5

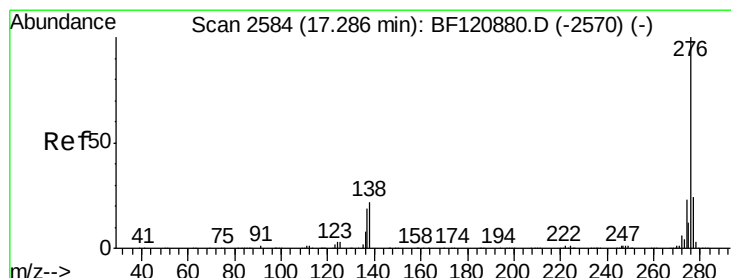
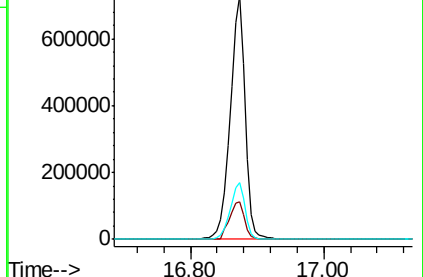
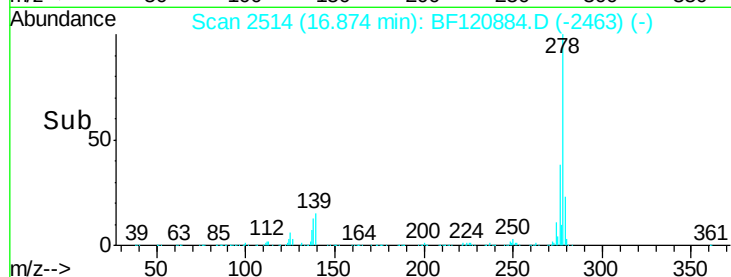
279 23.4 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.187 ng

RT: 17.29 min Scan# 2584

Delta R.T. 0.00 min

Lab File: BF120884.D

Acq: 16 Jul 2020 14:26

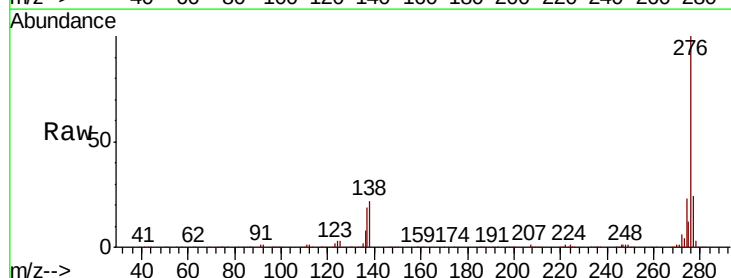
Tgt Ion:276 Resp: 1102664

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 22.0 17.5 26.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

