

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
 Data File : BF120922.D
 Acq On : 17 Jul 2020 14:57
 Operator : JU/CG
 Sample : L3335-07MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMSD

Quant Time: Jul 17 15:19:59 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	220313	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	855135	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	432154	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	788726	20.00	ng	0.00
76) Chrysene-d12	13.98	240	473046	20.00	ng	0.00
86) Perylene-d12	15.42	264	495040	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	882438	65.66	ng	0.02
7) Phenol-d6	6.45	99	1092895	62.96	ng	0.00
23) Nitrobenzene-d5	7.38	82	674251	45.62	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	311376	65.83	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1273606	44.00	ng	0.00
79) Terphenyl-d14	12.92	244	1178784	54.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	237500	38.399	ng	100
3) Pyridine	3.36	79	663515	40.327	ng	98
4) n-Nitrosodimethylamine	3.32	42	302068	42.934	ng	96
6) Aniline	6.48	93	743670	32.818	ng	99
8) 2-Chlorophenol	6.60	128	646839	43.691	ng	97
9) Benzaldehyde	6.36	77	176559	17.642	ng	98
10) Phenol	6.47	94	795840	41.675	ng	88
11) bis(2-Chloroethyl)ether	6.55	93	611234	41.765	ng	99
12) 1,3-Dichlorobenzene	6.76	146	649135	40.435	ng	99
13) 1,4-Dichlorobenzene	6.83	146	652011	40.845	ng	99
14) 1,2-Dichlorobenzene	6.99	146	628962	41.648	ng	99
15) Benzyl Alcohol	6.96	79	504015	41.055	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	850178	40.303	ng	99
17) 2-Methylphenol	7.07	107	507647	38.687	ng	99
18) Hexachloroethane	7.33	117	235398	40.742	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	391637	39.674	ng	99
20) 3+4-Methylphenols	7.23	107	545522	32.681	ng	93
22) Acetophenone	7.23	105	741451	38.634	ng	# 91
24) Nitrobenzene	7.40	77	643505	40.400	ng	97
25) Isophorone	7.65	82	1184902	40.173	ng	99
26) 2-Nitrophenol	7.72	139	344867	45.588	ng	96
27) 2,4-Dimethylphenol	7.76	122	537939	43.797	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	755014	41.935	ng	99
29) 2,4-Dichlorophenol	7.96	162	518778	41.334	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	563210	40.447	ng	98
31) Naphthalene	8.13	128	1710363	38.992	ng	100
32) Benzoic acid	7.90	122	452628	49.092	ng	97
33) 4-Chloroaniline	8.17	127	504679	25.792	ng	97
34) Hexachlorobutadiene	8.25	225	322858	39.331	ng	98
35) Caprolactam	8.55	113	113506	28.201	ng	93
36) 4-Chloro-3-methylphenol	8.66	107	533666	41.459	ng	100
37) 2-Methylnaphthalene	8.82	142	1138714	39.981	ng	99
38) 1-Methylnaphthalene	8.92	142	1087755	40.325	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	508248	40.366	ng	99

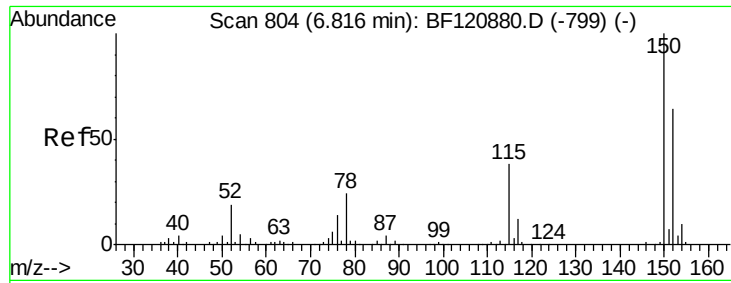
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
 Data File : BF120922.D
 Acq On : 17 Jul 2020 14:57
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	404872	58.181	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	381588	43.043	nq	99
44) 2,4,5-Trichlorophenol	9.14	196	402059	39.981	nq	98
46) 1,1'-Biphenyl	9.28	154	1318391	39.994	nq	99
47) 2-Chloronaphthalene	9.30	162	1060830	39.471	nq	99
48) 2-Nitroaniline	9.40	65	337771	41.586	nq	97
49) Acenaphthylene	9.72	152	1641156	39.306	nq	100
50) Dimethylphthalate	9.59	163	1448427	46.458	nq	98
51) 2,6-Dinitrotoluene	9.65	165	285303	42.594	nq	92
52) Acenaphthene	9.89	154	1019482	38.405	nq	100
53) 3-Nitroaniline	9.81	138	231118	27.512	nq	98
54) 2,4-Dinitrophenol	9.92	184	234404	62.438	nq	90
55) Dibenzofuran	10.06	168	1470145	38.298	nq	100
56) 4-Nitrophenol	9.98	139	509484	79.839	nq	97
57) 2,4-Dinitrotoluene	10.05	165	382841	43.524	nq	# 90
58) Fluorene	10.41	166	1040148	36.331	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	336418	43.938	nq	96
60) Diethylphthalate	10.28	149	1271512	40.321	nq	100
61) 4-Chlorophenyl-phenylether	10.40	204	511009	33.464	nq	99
62) 4-Nitroaniline	10.43	138	281065	34.347	nq	96
63) Azobenzene	10.56	77	1186902	39.535	nq	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	164427	36.979	nq	91
66) n-Nitrosodiphenylamine	10.52	169	1045419	42.134	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	360047	40.944	nq	96
68) Hexachlorobenzene	10.95	284	396461	41.678	nq	96
69) Atrazine	11.05	200	302299	49.196	nq	98
70) Pentachlorophenol	11.15	266	445422	81.736	nq	99
71) Phenanthrene	11.37	178	1577186	38.881	nq	100
72) Anthracene	11.42	178	1609761	39.520	nq	99
73) Carbazole	11.57	167	1530474	37.861	nq	99
74) Di-n-butylphthalate	11.90	149	1920471	41.169	nq	99
75) Fluoranthene	12.55	202	1627481	36.196	nq	99
77) Benzidine	12.67	184	1083052	87.081	nq	99
78) Pyrene	12.78	202	1614851	48.284	nq	100
80) Butylbenzylphthalate	13.40	149	773208	51.861	nq	95
81) Benzo(a)anthracene	13.97	228	1103234	38.514	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	478552	44.281	nq	99
83) Chrysene	14.00	228	1234531	41.010	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	938786	51.064	nq	# 99
85) Di-n-octyl phthalate	14.57	149	1705182	46.620	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1504629	43.703	nq	100
88) Benzo(b)fluoranthene	15.01	252	1279436	42.757	nq	99
89) Benzo(k)fluoranthene	15.04	252	1152498	42.232	nq	99
90) Benzo(a)pyrene	15.37	252	1132718	41.490	nq	99
91) Dibenzo(a,h)anthracene	16.88	278	1238664	44.045	nq	99
92) Benzo(g,h,i)perylene	17.30	276	1229922	44.355	nq	99

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

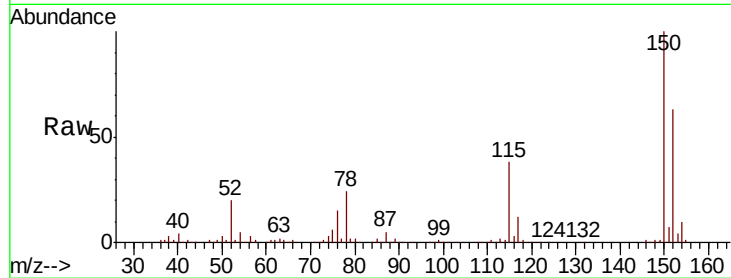


#1

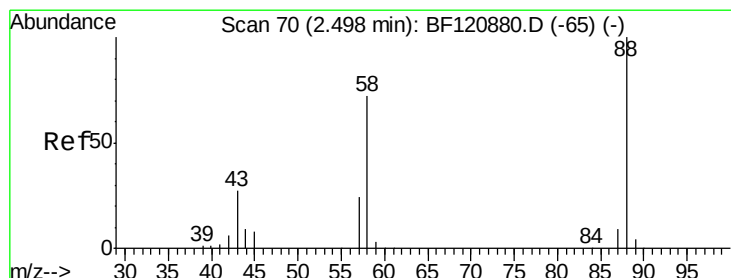
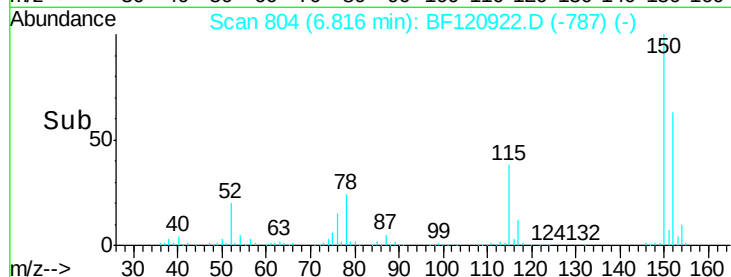
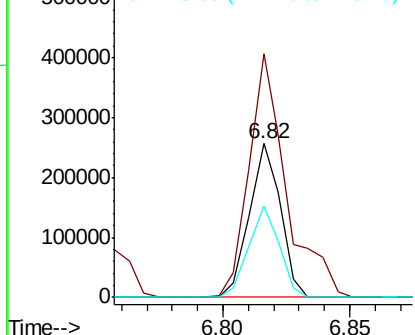
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

Tot Ion:152 Resp: 220313
Ion Ratio Lower Upper
152 100
150 158.6 125.0 187.6
115 59.5 47.0 70.4



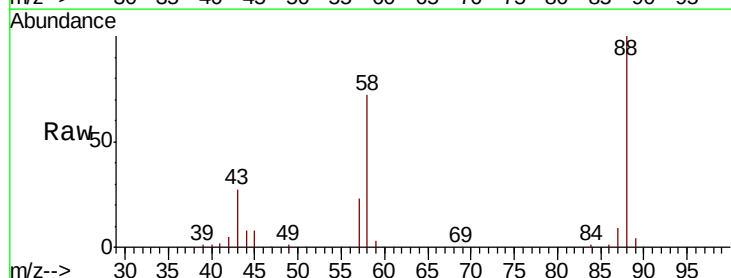
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



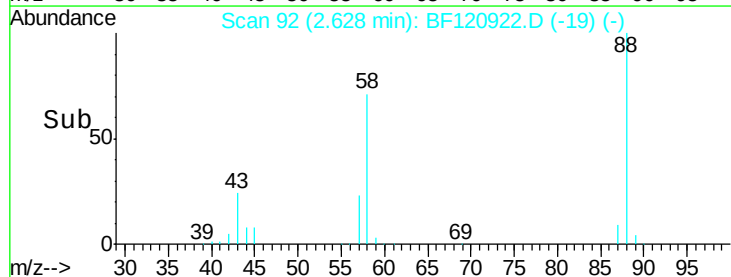
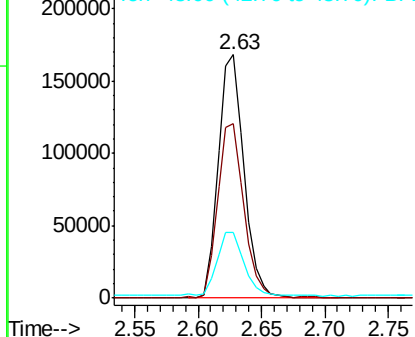
#2

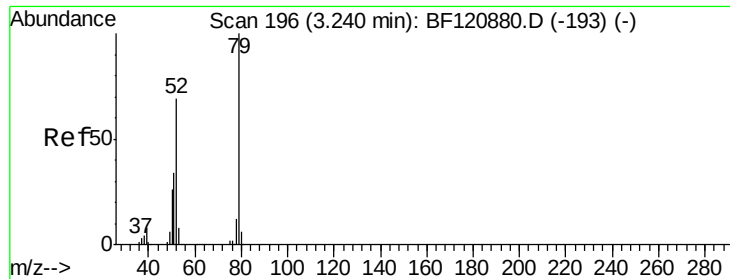
1,4-Dioxane
Concen: 38.399 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.13 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion: 88 Resp: 237500
Ion Ratio Lower Upper
88 100
58 72.9 58.2 87.2
43 27.3 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

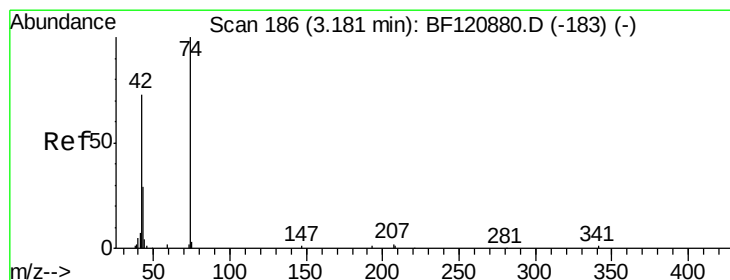
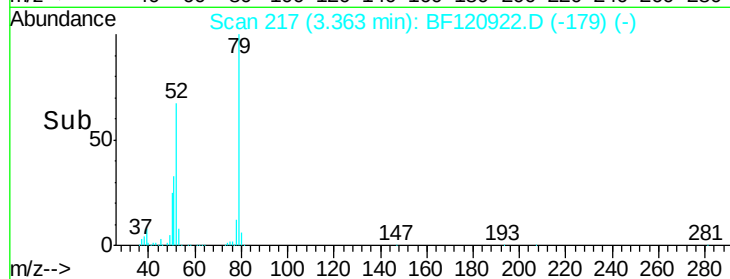
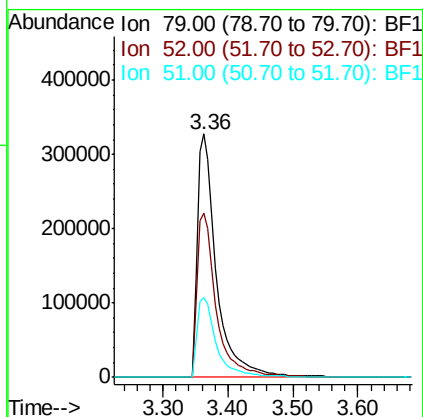
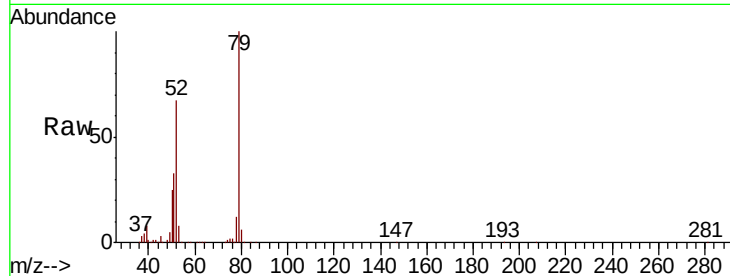




#3
 Pvridine
 Concen: 40.327 ng
 RT: 3.36 min Scan# 217
 Delta R.T. 0.12 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

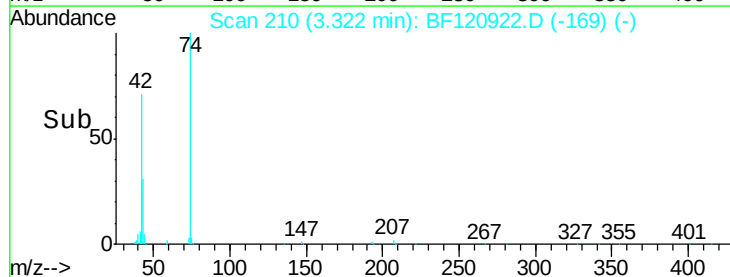
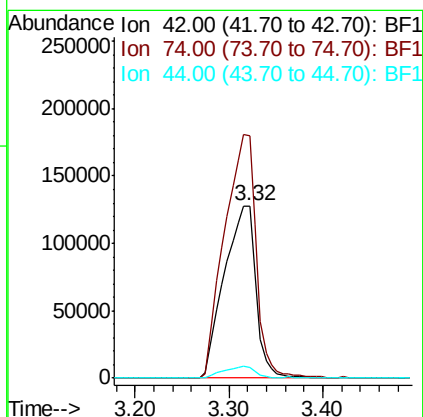
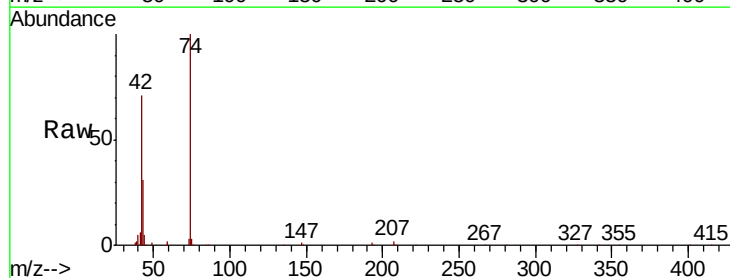
Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMSD

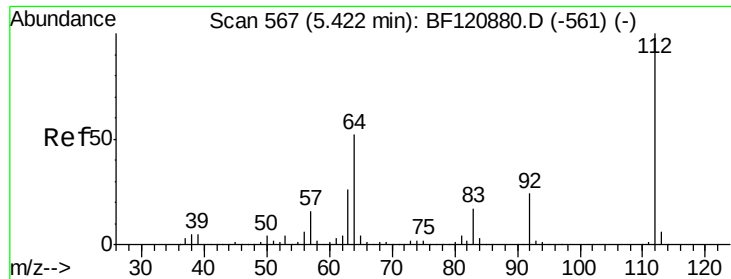
Tot Ion	Ratio	Lower	Upper
79	100		
52	67.2	55.0	82.6
51	33.0	26.9	40.3



#4
 n-Nitrosodimethylamine
 Concen: 42.934 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.14 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.5	108.7	163.1
44	6.4	5.2	7.8





#5

2-Fluorophenol

Concen: 65.663 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

ClientSampleId :

TP-11-SMSD

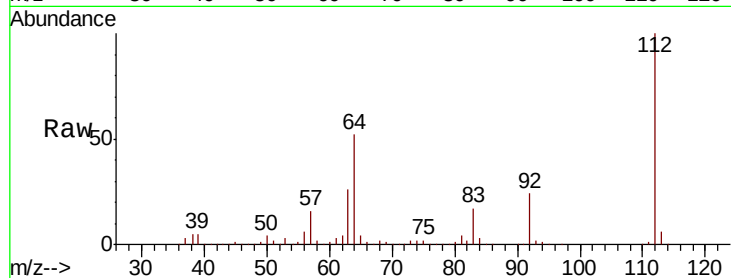
Tot Ion: 112 Resp: 882438

Ion Ratio Lower Upper

112 100

64 51.7 41.3 61.9

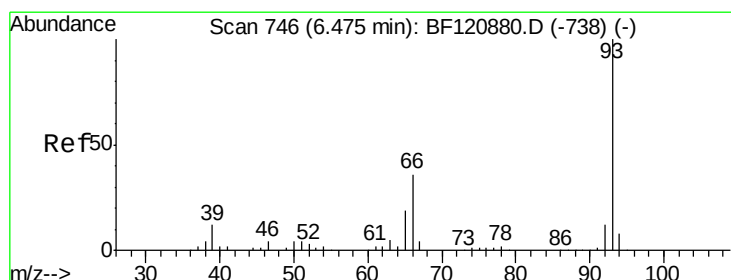
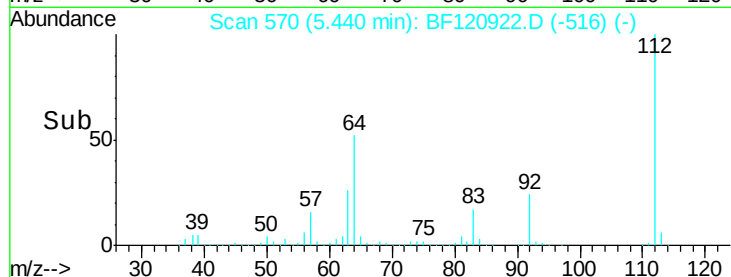
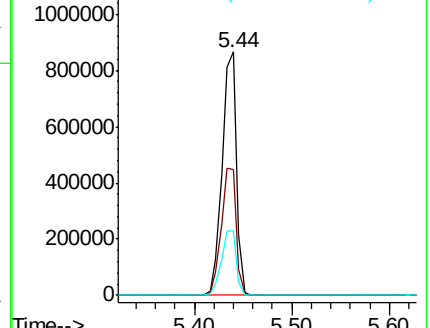
63 26.5 21.1 31.7



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: 32.818 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

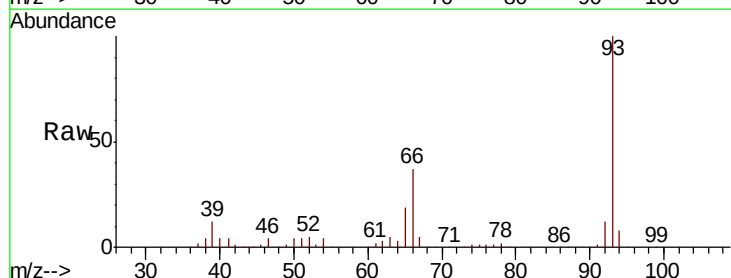
Tgt Ion: 93 Resp: 743670

Ion Ratio Lower Upper

93 100

66 36.8 30.2 45.4

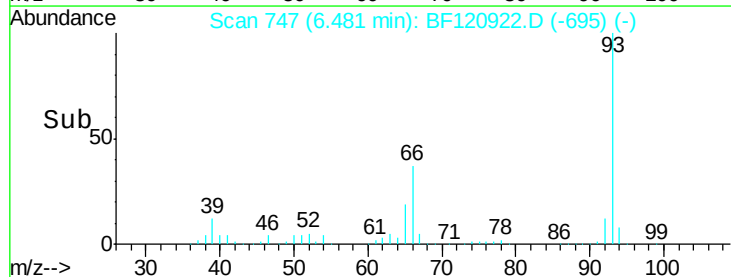
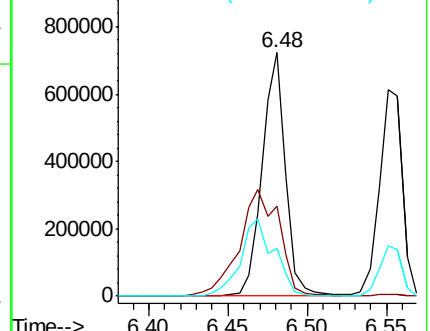
65 19.4 15.8 23.6

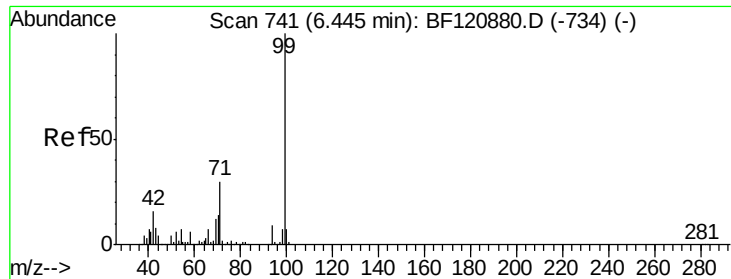


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 62.956 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

ClientSampleId :

TP-11-SMSD

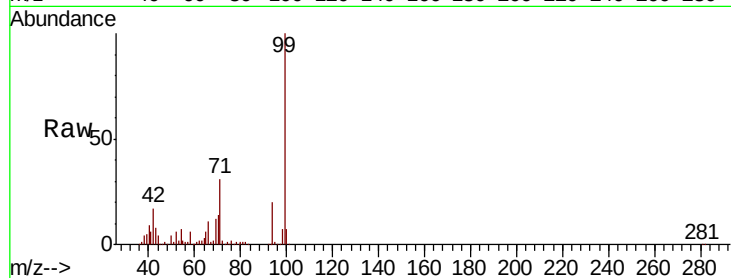
Tot Ion: 99 Resp: 1092895

Ion Ratio Lower Upper

99 100

42 16.9 13.1 19.7

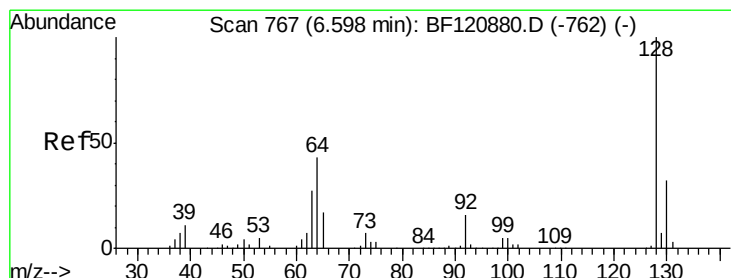
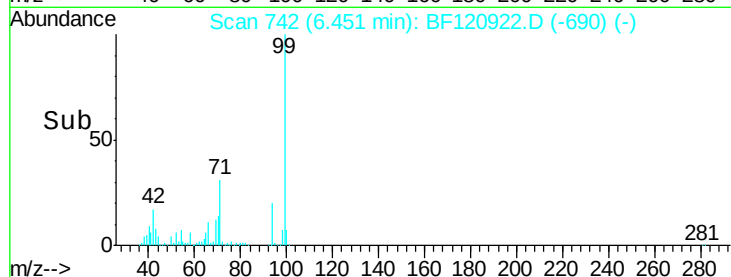
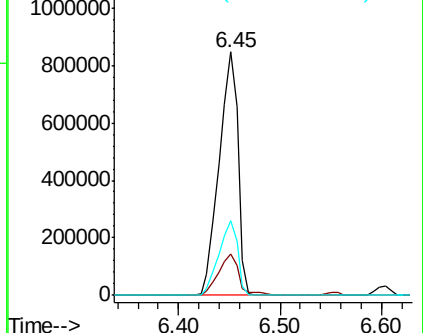
71 30.6 24.2 36.4



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: 43.691 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

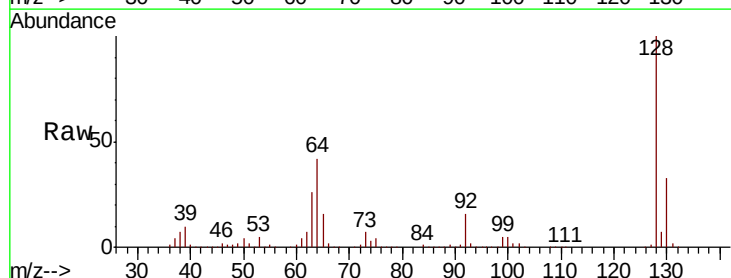
Tgt Ion: 128 Resp: 646839

Ion Ratio Lower Upper

128 100

130 32.9 12.1 52.1

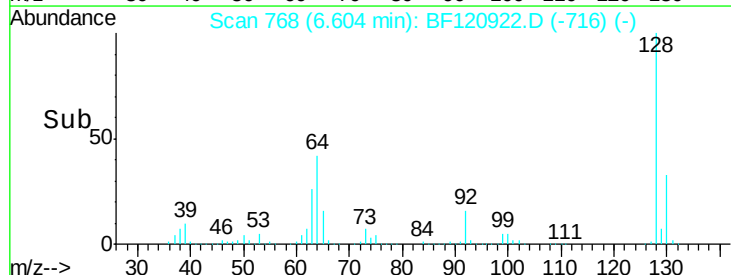
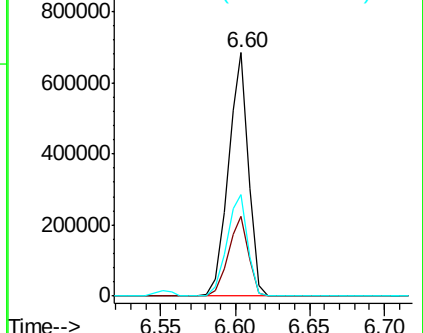
64 41.6 24.0 64.0

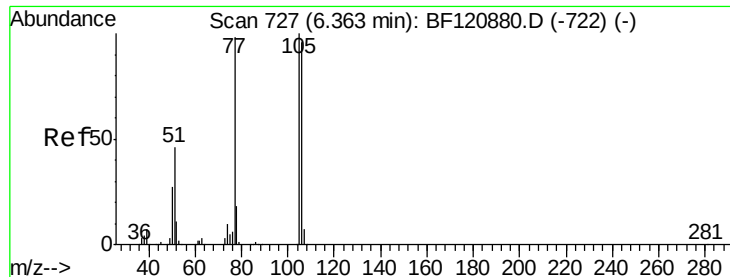


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.642 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

ClientSampleId :

TP-11-SMSD

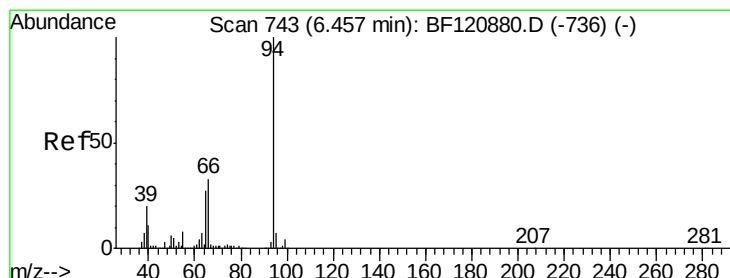
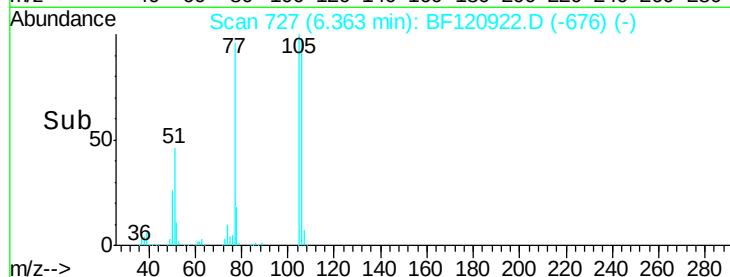
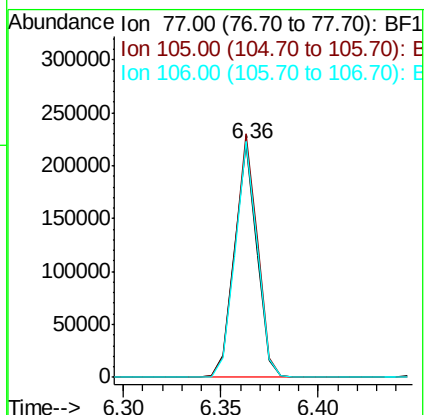
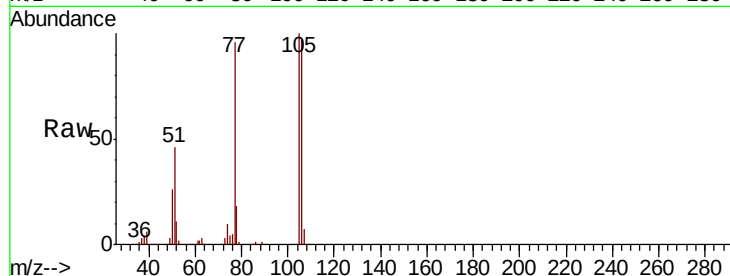
Tot Ion: 77 Resp: 176559

Ion Ratio Lower Upper

77 100

105 104.0 82.5 122.5

106 100.9 78.7 118.7



#10

Phenol

Concen: 41.675 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

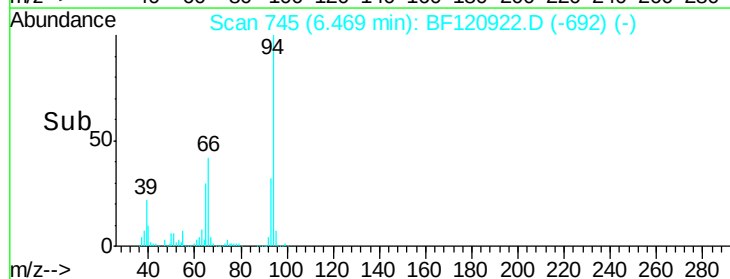
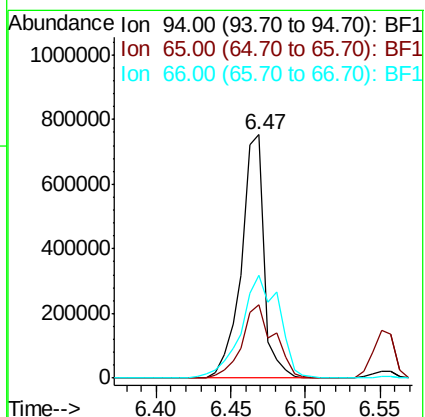
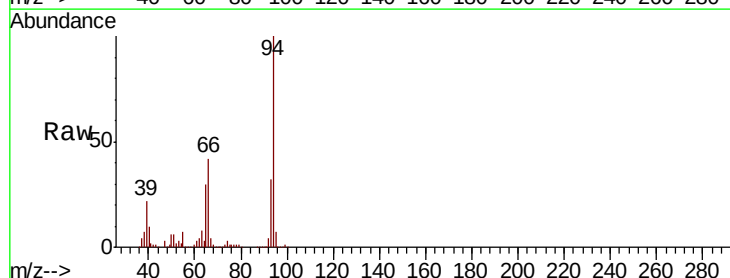
Tgt Ion: 94 Resp: 795840

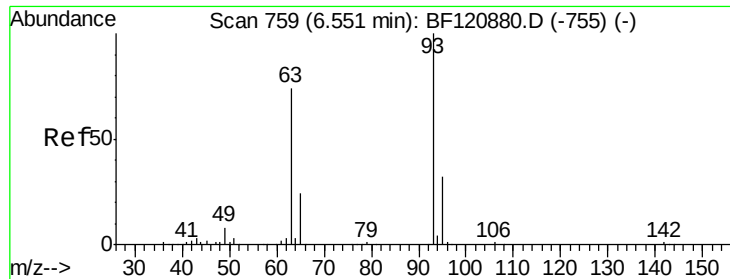
Ion Ratio Lower Upper

94 100

65 30.4 6.6 46.6

66 42.2 13.2 53.2

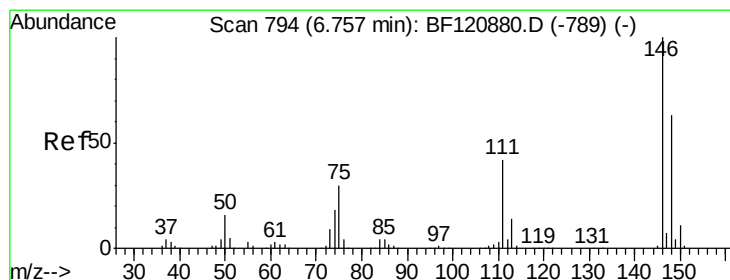
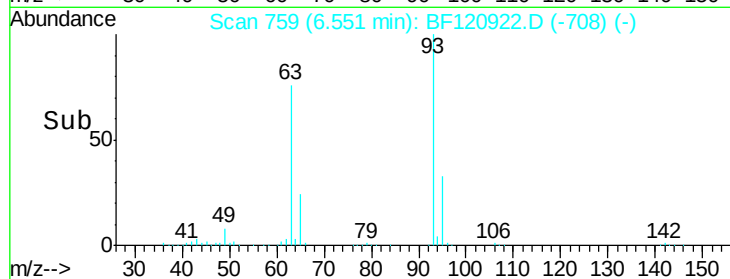
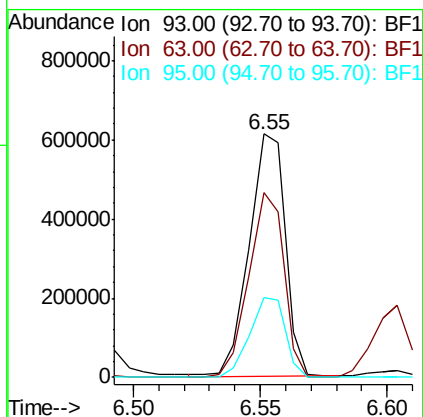
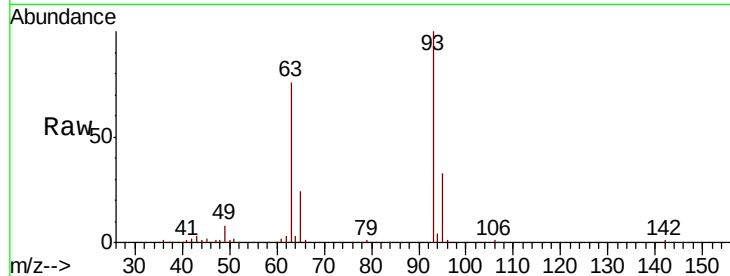




#11
 bis(2-Chloroethyl)ether
 Concen: 41.765 ng
 RT: 6.55 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

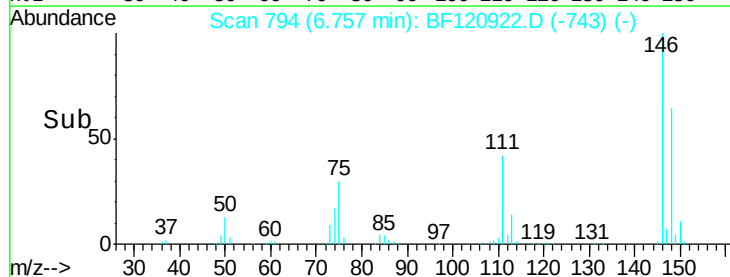
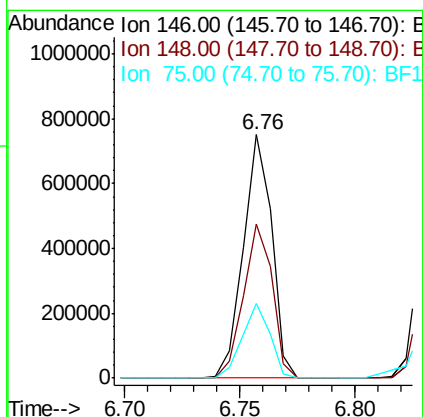
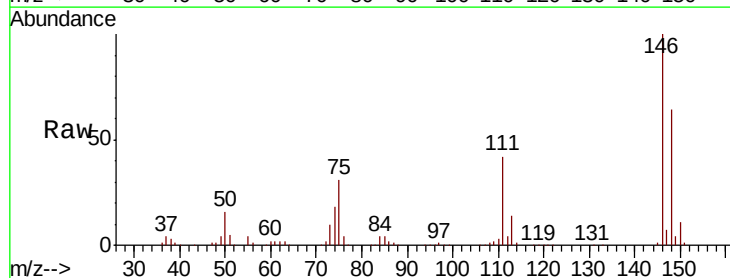
Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMSD

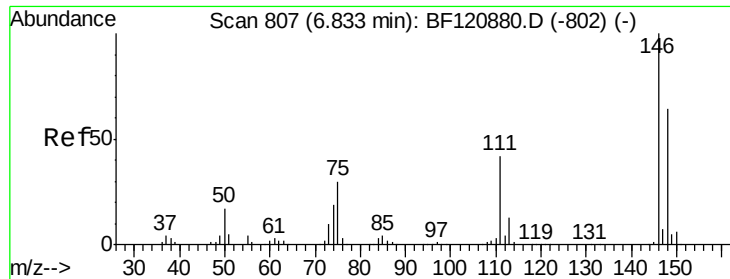
Tot Ion	93	Resp	611234
Ion	Ratio	Lower	Upper
93	100		
63	75.7	54.2	94.2
95	32.7	12.2	52.2



#12
 1,3-Dichlorobenzene
 Concen: 40.435 ng
 RT: 6.76 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Tgt Ion	146	Resp	649135
Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
75	30.6	24.1	36.1

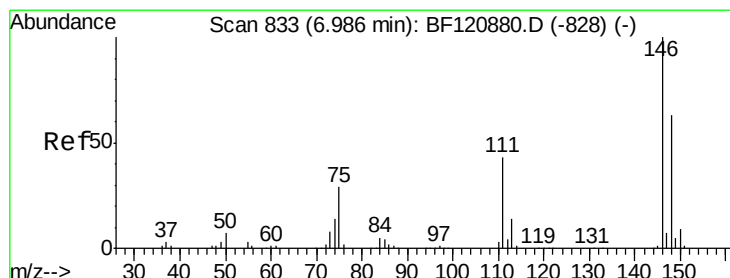
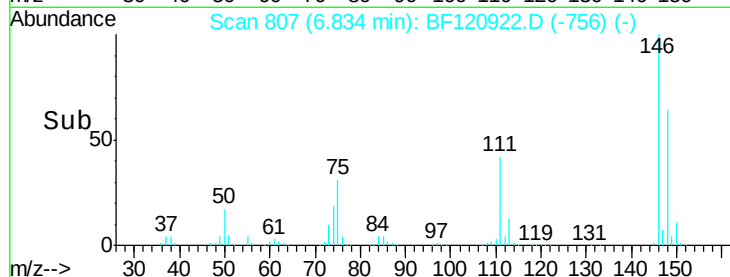
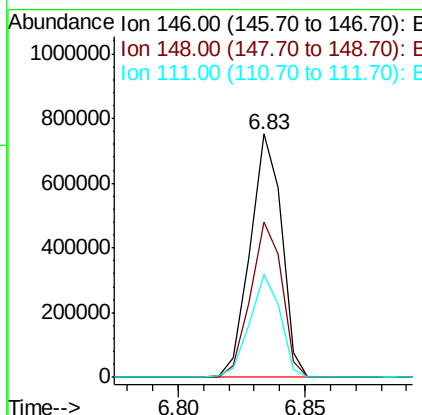
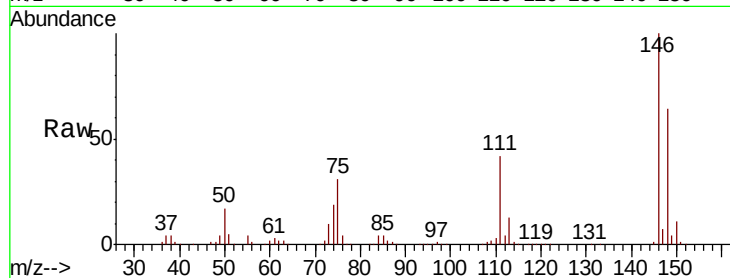




#13
 1,4-Dichlorobenzene
 Concen: 40.845 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

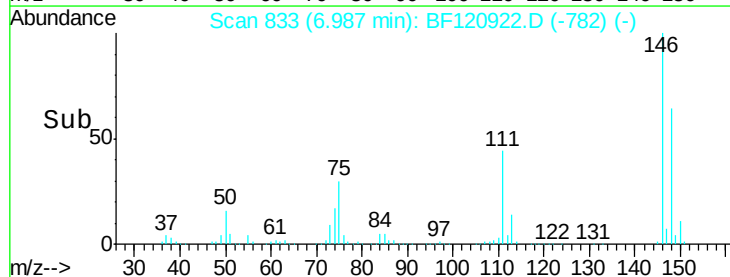
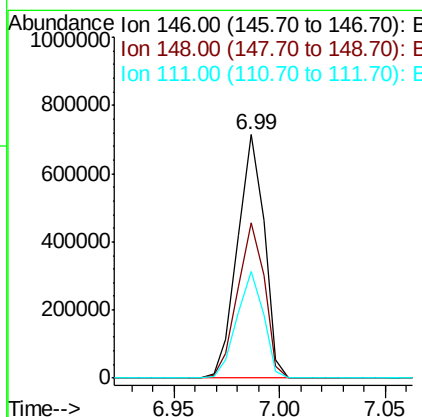
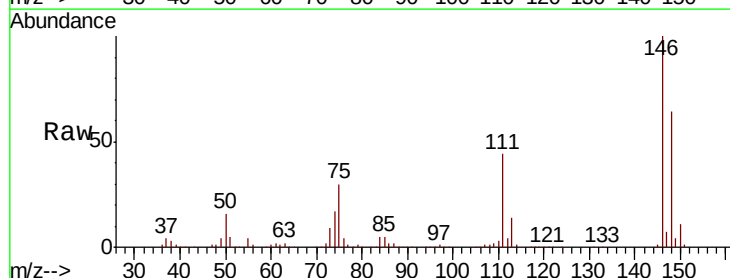
Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMSD

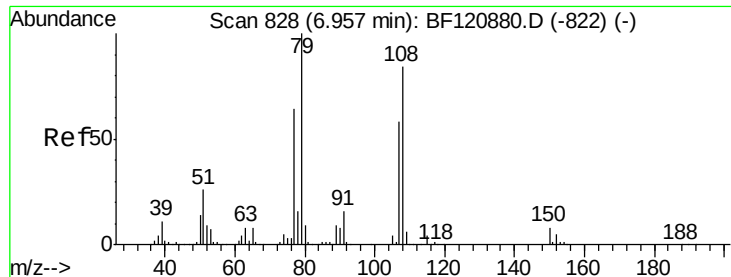
Tot Ion:146 Resp: 652011
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.6 77.4
 111 42.2 33.5 50.3



#14
 1,2-Dichlorobenzene
 Concen: 41.648 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Tgt Ion:146 Resp: 628962
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 76.0
 111 43.7 34.2 51.2





#15

Benzyl Alcohol

Concen: 41.055 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

ClientSampleId :

TP-11-SMSD

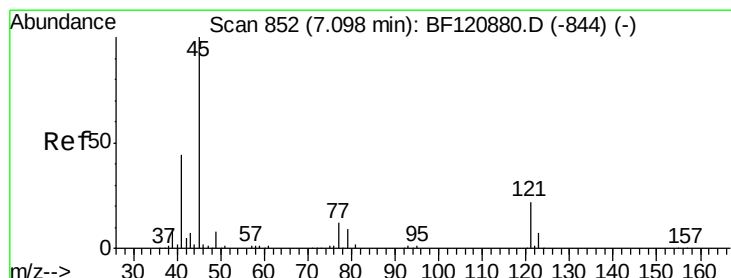
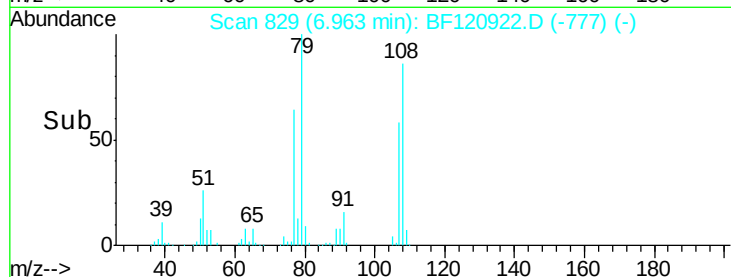
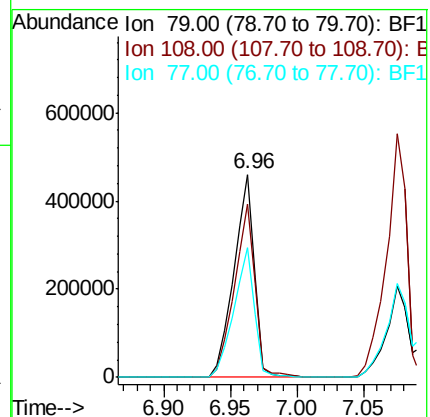
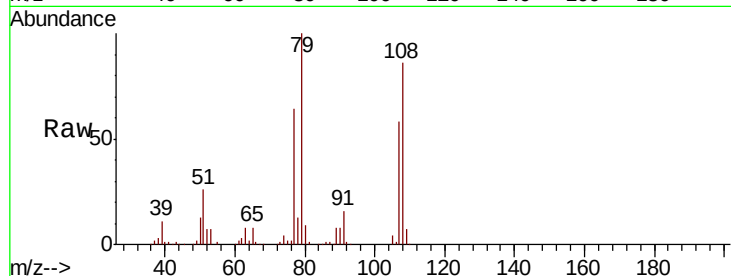
Tot Ion: 79 Resp: 504015

Ion Ratio Lower Upper

79 100

108 85.5 67.0 100.6

77 63.9 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.303 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

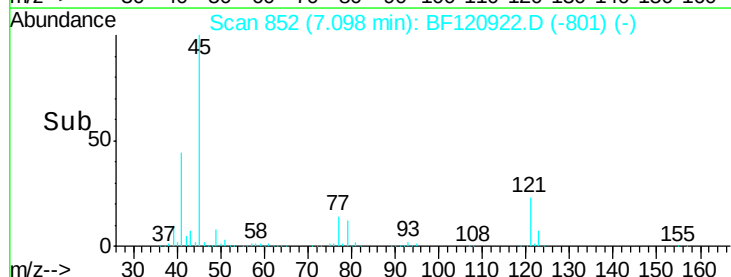
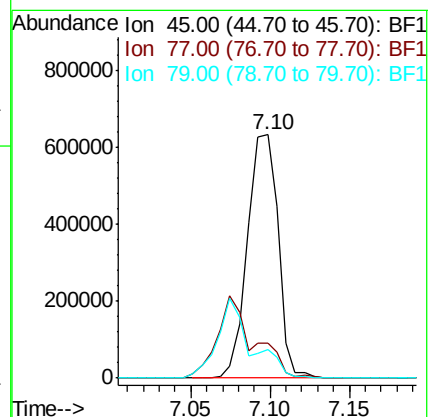
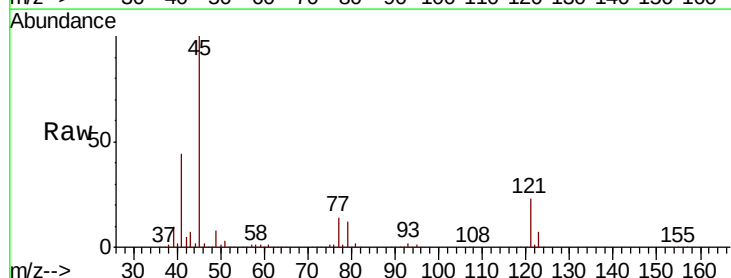
Tgt Ion: 45 Resp: 850178

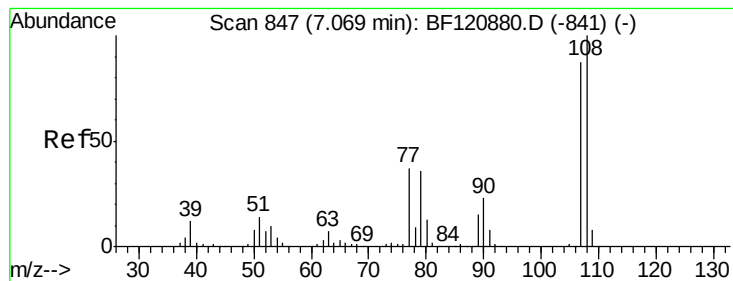
Ion Ratio Lower Upper

45 100

77 14.5 0.0 34.3

79 11.5 0.0 31.0

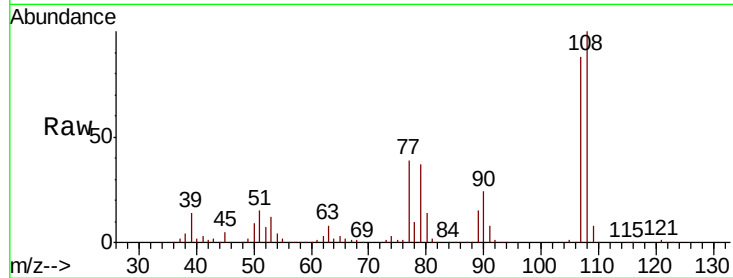




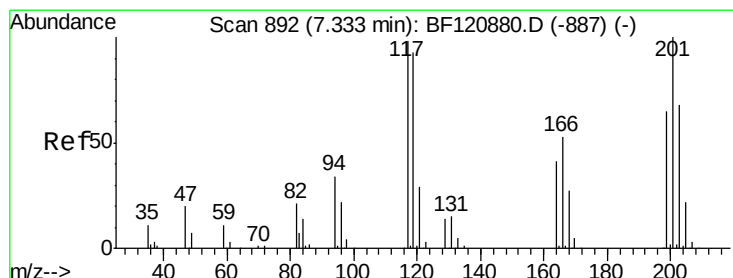
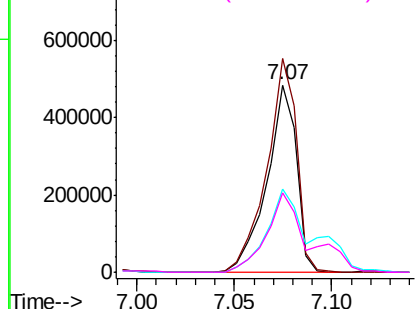
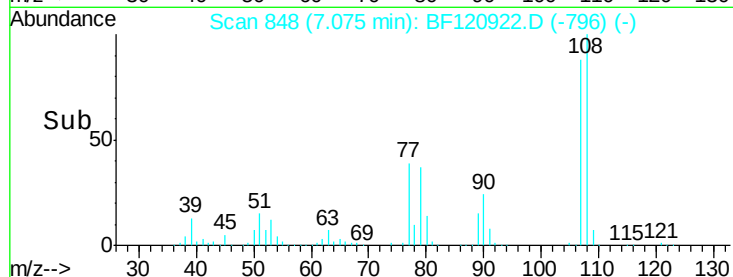
#17
2-Methylphenol
Concen: 38.687 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

Tot Ion:107 Resp: 507647
Ion Ratio Lower Upper
107 100
108 114.0 92.0 138.0
77 44.2 34.0 51.0
79 42.5 33.3 49.9

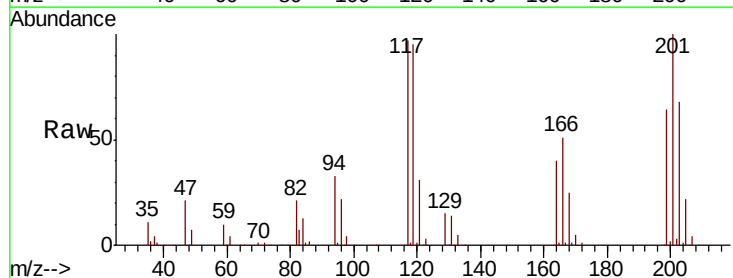


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

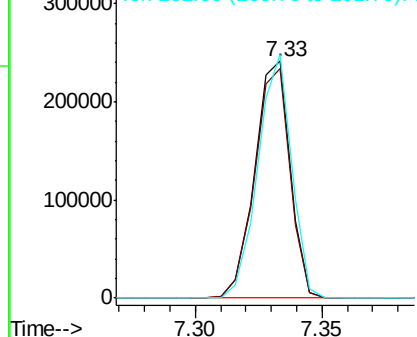
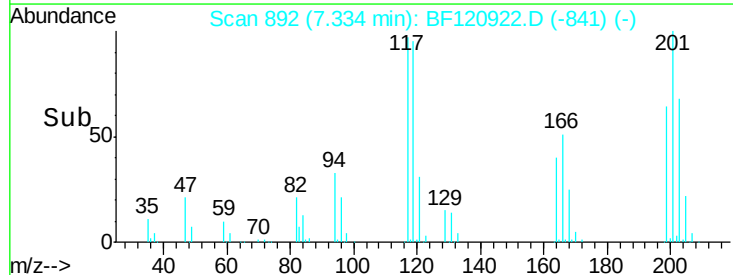


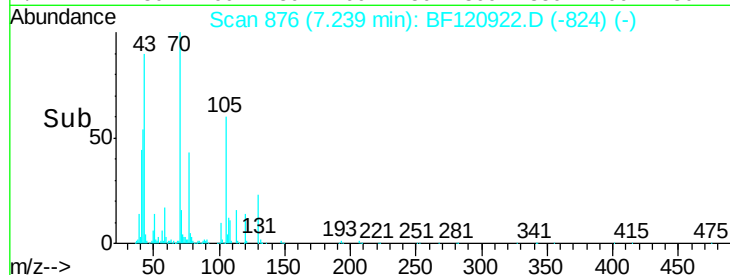
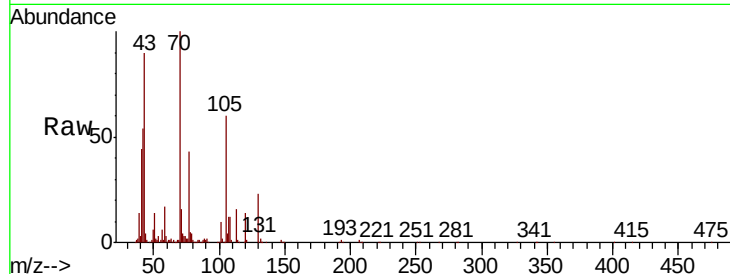
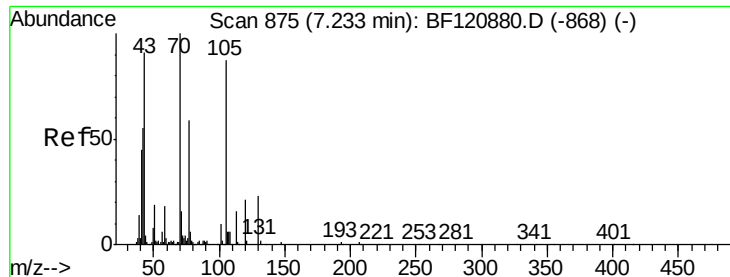
#18
Hexachloroethane
Concen: 40.742 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion:117 Resp: 235398
Ion Ratio Lower Upper
117 100
119 97.1 76.0 114.0
201 102.8 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

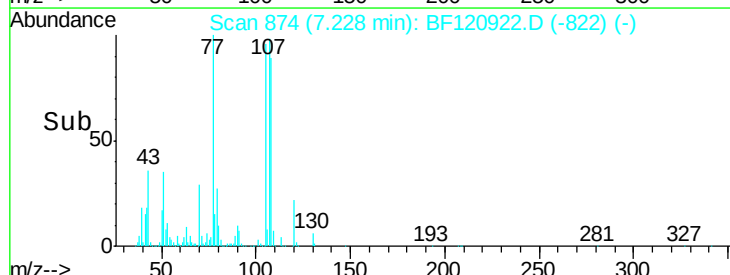
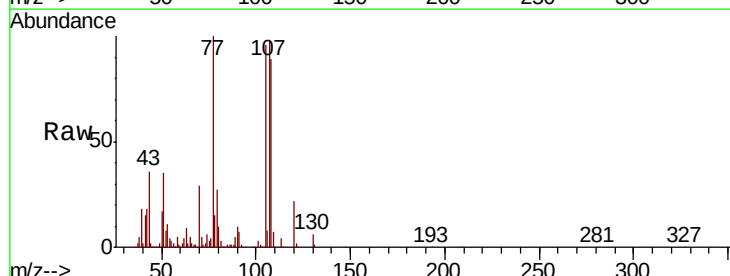
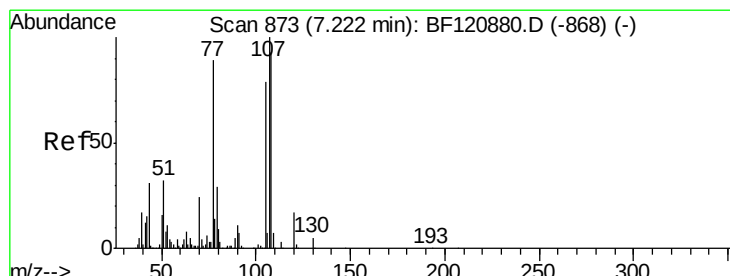
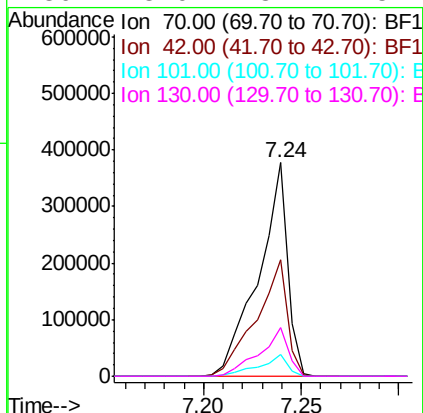




#19
n-Nitroso-di-n-propylamine
Concen: 39.674 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

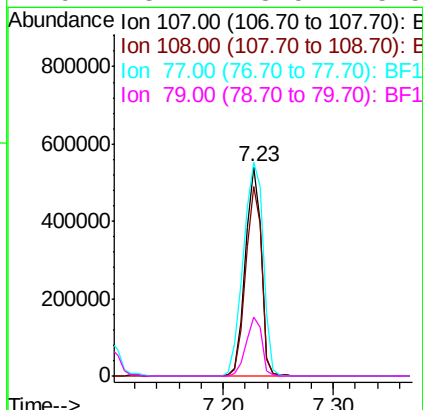
Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

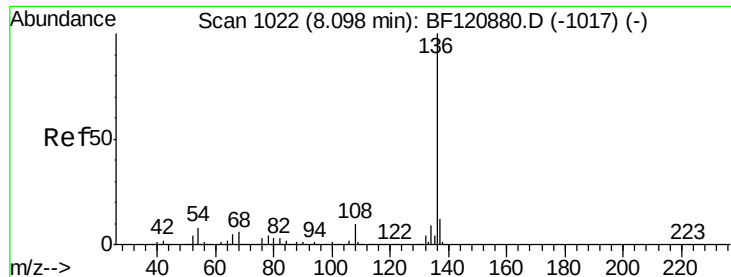
Tot Ion:	70	Resp:	391637
Ion	Ratio	Lower	Upper
70	100		
42	54.4	44.0	66.0
101	9.9	7.8	11.6
130	23.0	18.7	28.1



#20
3+4-Methylphenols
Concen: 32.681 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion:	107	Resp:	545522
Ion	Ratio	Lower	Upper
107	100		
108	90.9	72.8	112.8
77	102.4	68.7	108.7
79	28.1	8.5	48.5

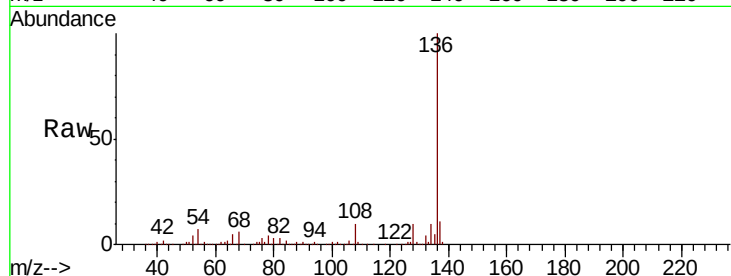




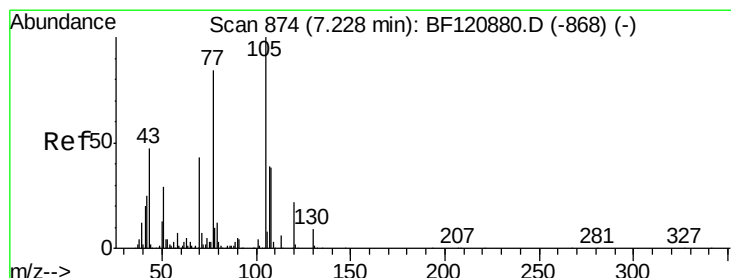
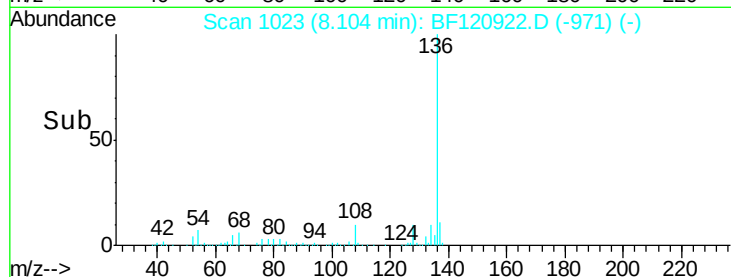
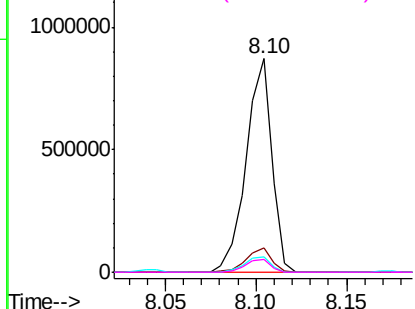
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

Tot Ion:136	Resp:	855135
Ion Ratio	Lower	Upper
136 100		
137 11.3	9.3	13.9
54 7.1	6.3	9.5
68 5.7	5.0	7.4

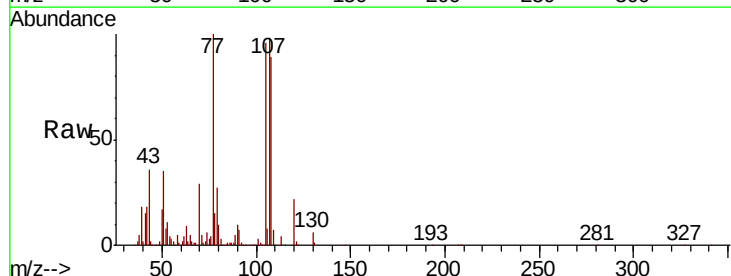


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

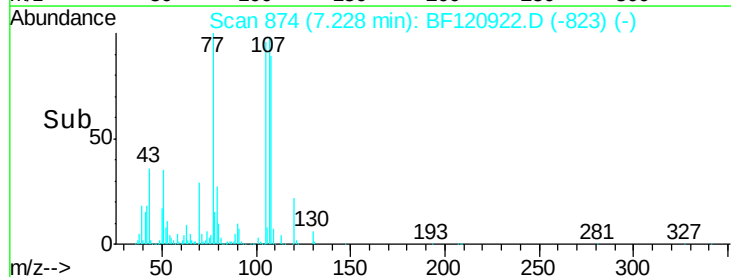
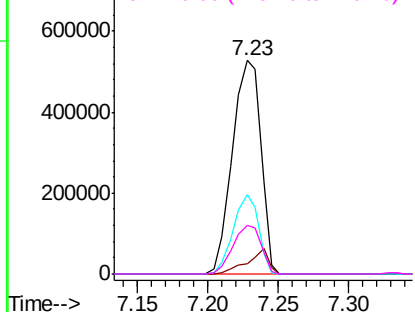


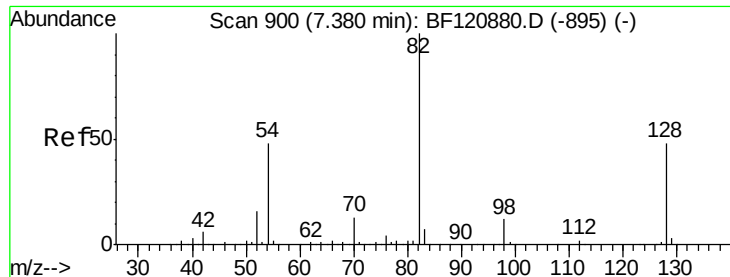
#22
Acetophenone
Concen: 38.634 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt	Ion:105	Resp:	741451
Ion	Ratio	Lower	Upper
105	100		
71	5.1	5.7	8.5#
51	37.1	22.9	34.3#
120	22.8	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

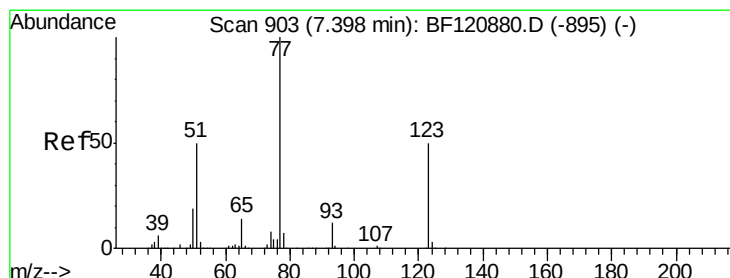
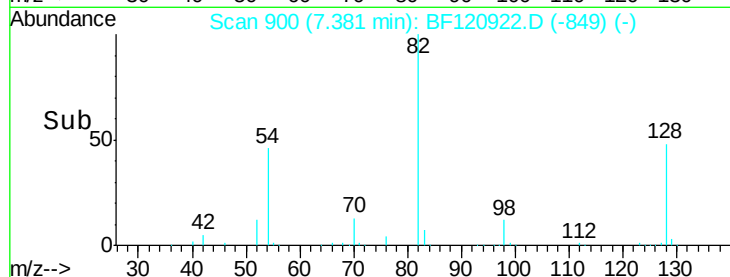
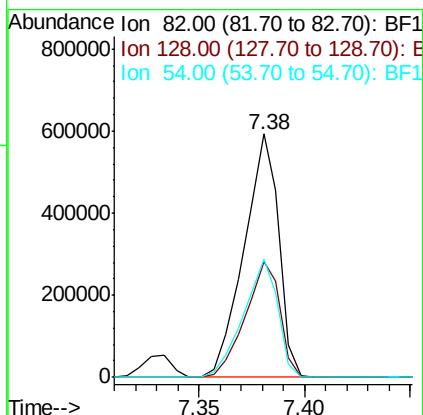
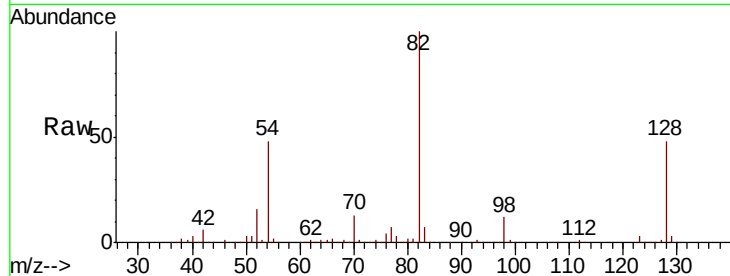




#23
 Nitrobenzene-d5
 Concen: 45.623 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

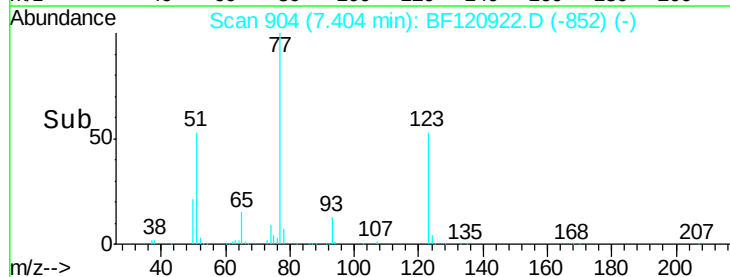
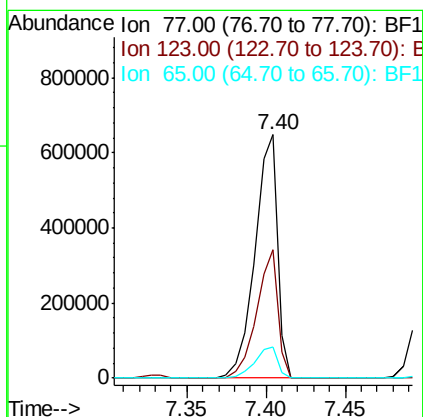
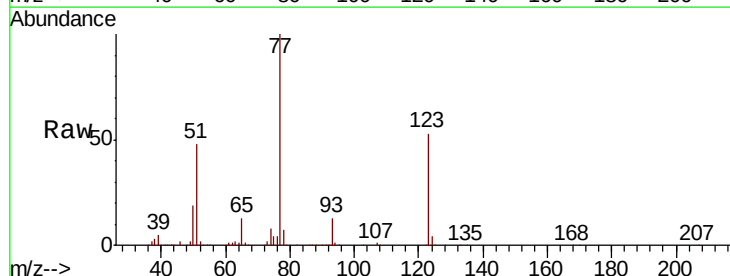
Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMSD

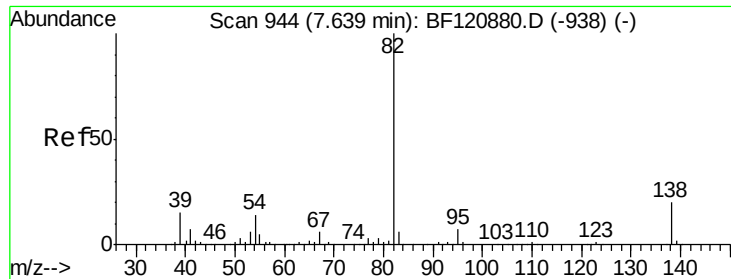
Tot Ion	82	Resp	674251
Ion Ratio	Lower	Upper	
82	100		
128	47.6	38.2	57.4
54	48.4	38.7	58.1



#24
 Nitrobenzene
 Concen: 40.400 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Tgt Ion	77	Resp	643505
Ion Ratio	Lower	Upper	
77	100		
123	52.6	40.1	60.1
65	13.0	10.8	16.2





#25

Isophorone

Concen: 40.173 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

ClientSampleId :

TP-11-SMSD

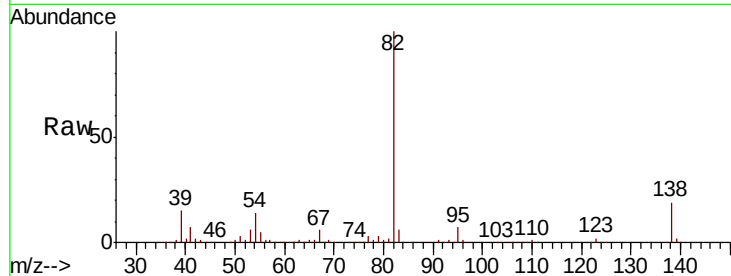
Tot Ion: 82 Resp: 1184902

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

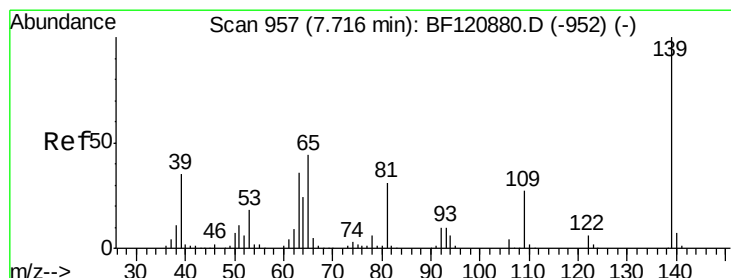
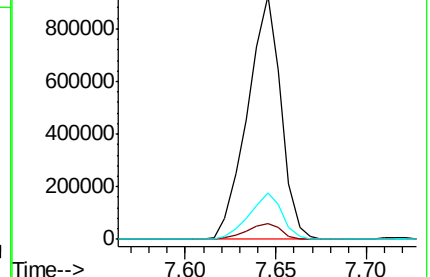
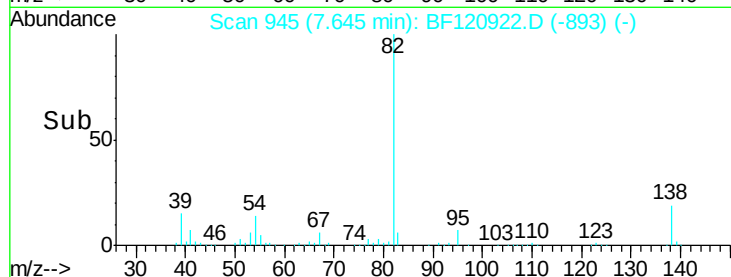
138 19.0 15.6 23.4



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: 45.588 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

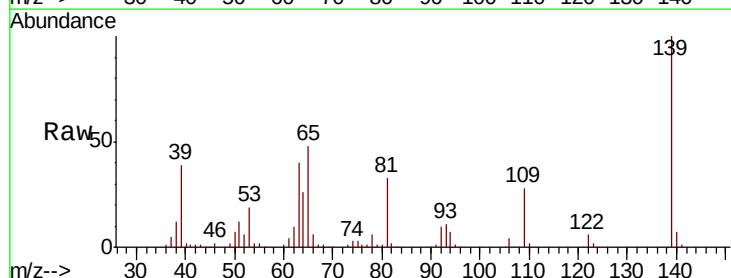
Tgt Ion: 139 Resp: 344867

Ion Ratio Lower Upper

139 100

109 27.6 21.6 32.4

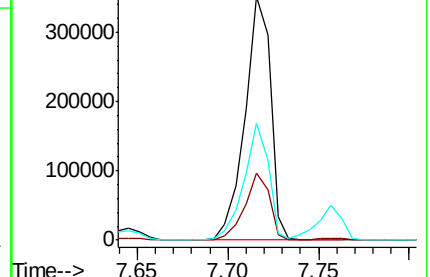
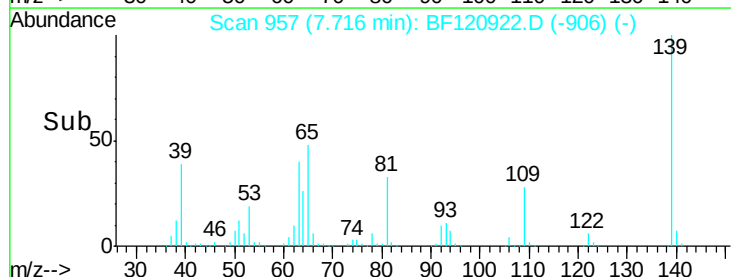
65 48.2 35.3 52.9

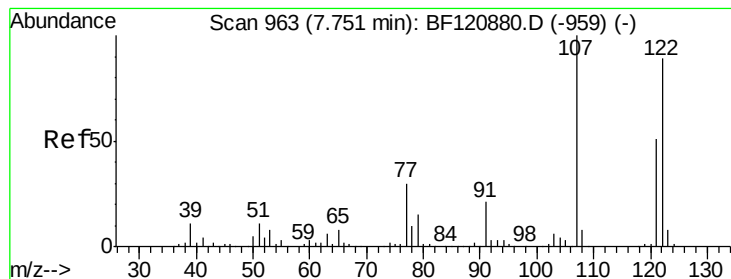


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.797 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

ClientSampleId :

TP-11-SMSD

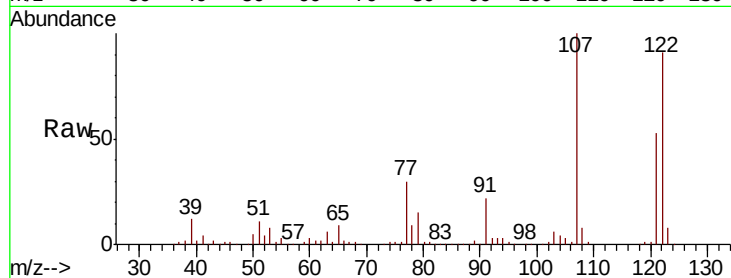
Tot Ion:122 Resp: 537939

Ion Ratio Lower Upper

122 100

107 109.4 89.4 134.0

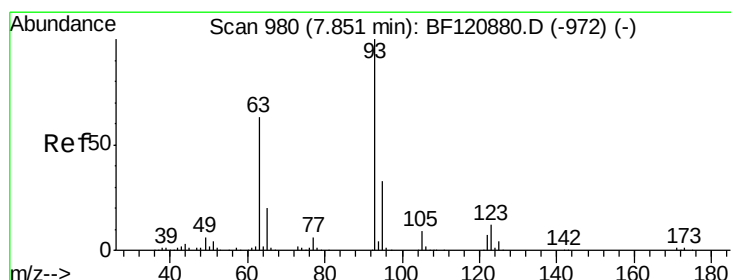
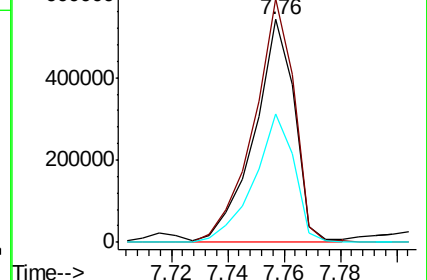
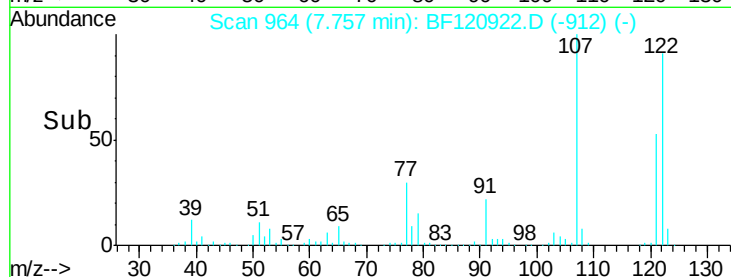
121 57.6 46.0 69.0



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: 41.935 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

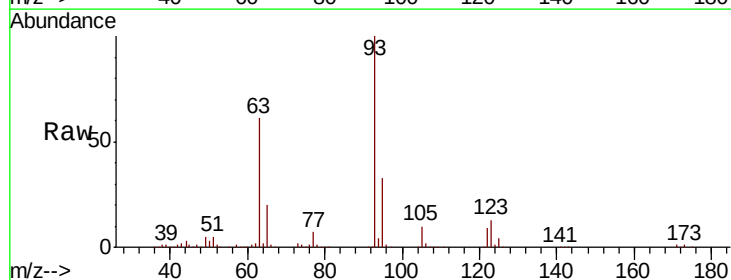
Tgt Ion: 93 Resp: 755014

Ion Ratio Lower Upper

93 100

95 32.8 26.6 39.8

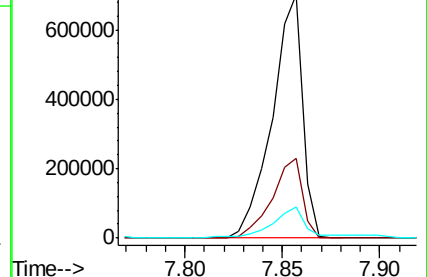
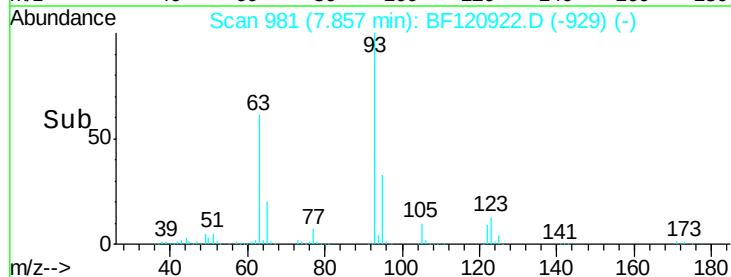
123 12.7 10.0 15.0

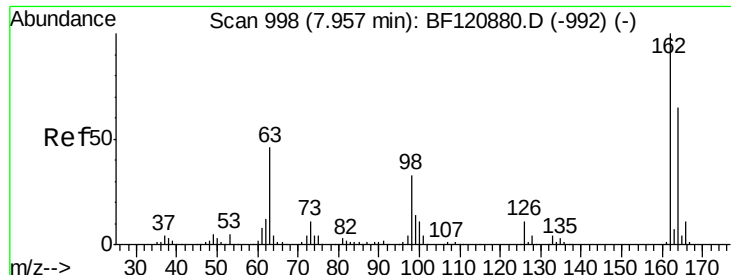


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

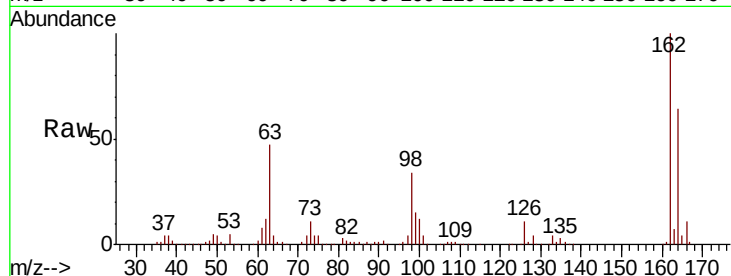




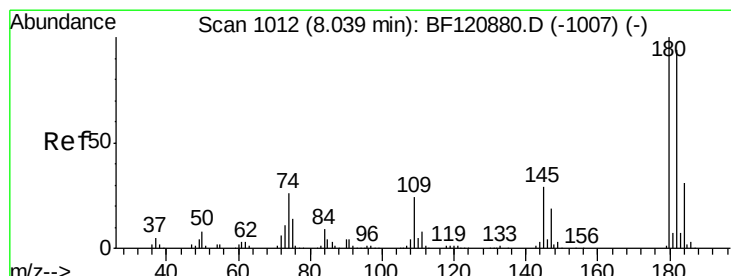
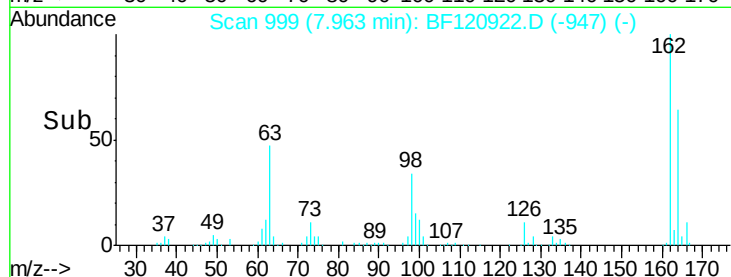
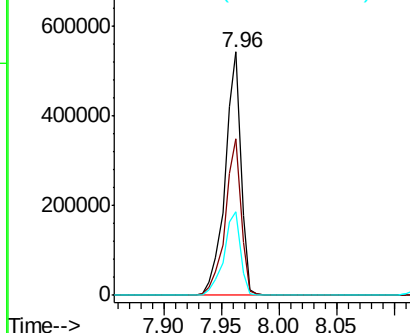
#29
 2,4-Dichlorophenol
 Concen: 41.334 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMSD

Tot Ion:162 Resp: 518778
 Ion Ratio Lower Upper
 162 100
 164 64.1 45.3 85.3
 98 34.2 13.3 53.3

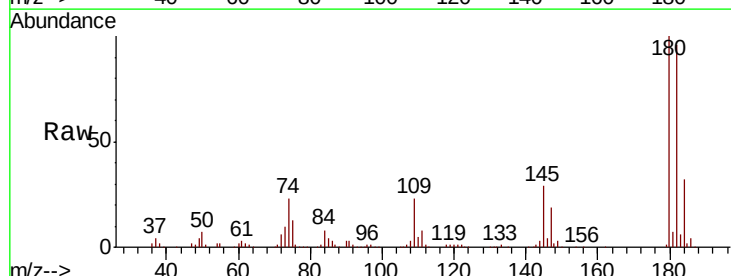


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

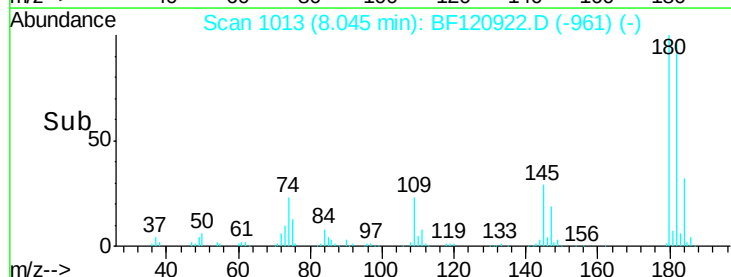
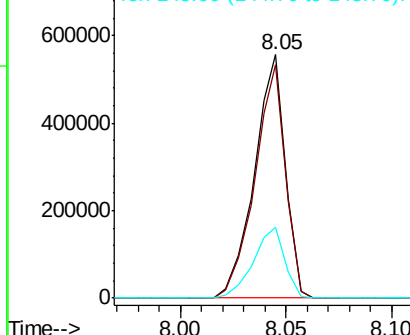


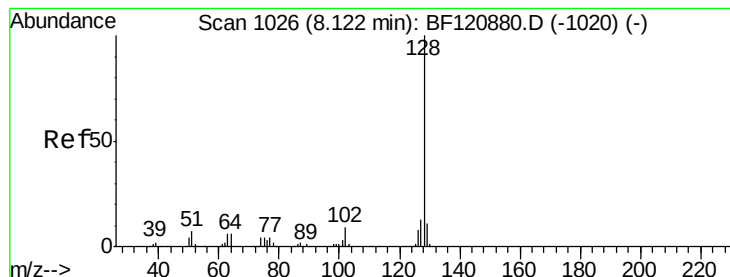
#30
 1,2,4-Trichlorobenzene
 Concen: 40.447 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Tgt Ion:180 Resp: 563210
 Ion Ratio Lower Upper
 180 100
 182 96.1 75.0 112.6
 145 29.3 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: 38.992 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

ClientSampleId :

TP-11-SMSD

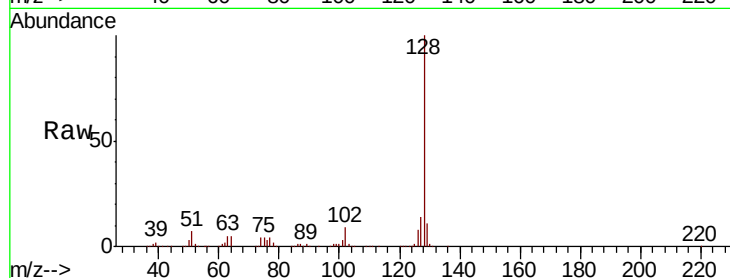
Tot Ion:128 Resp: 1710363

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

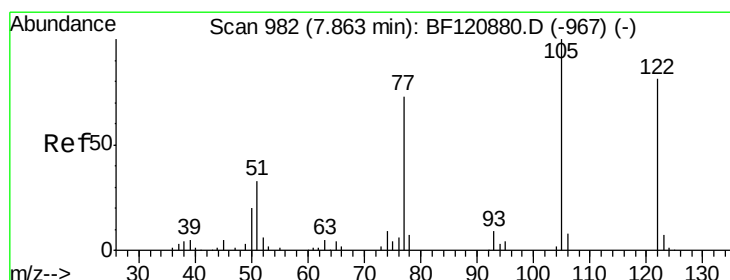
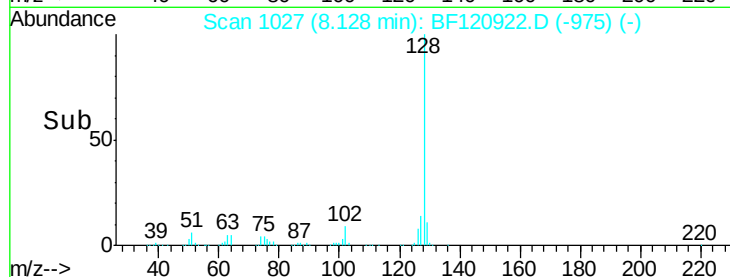
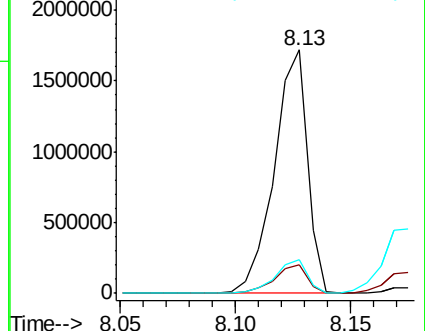
127 13.6 10.7 16.1



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: 49.092 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.04 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

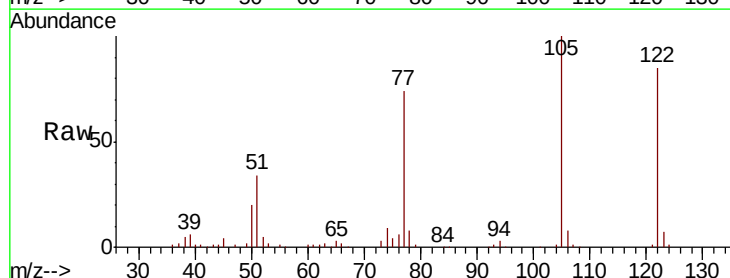
Tgt Ion:122 Resp: 452628

Ion Ratio Lower Upper

122 100

105 117.6 101.3 141.3

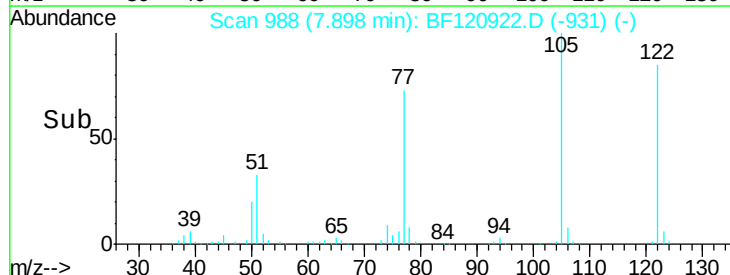
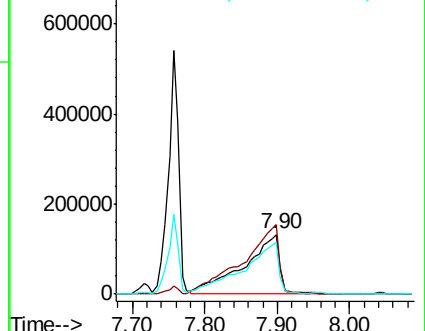
77 87.4 69.1 109.1

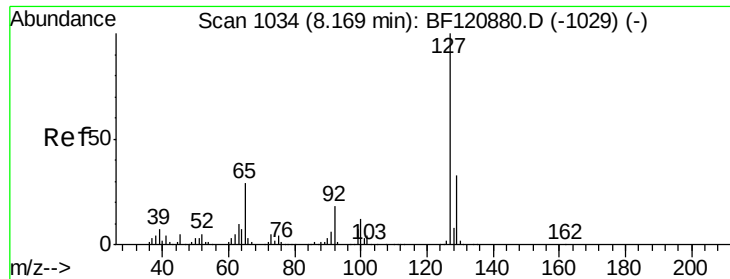


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

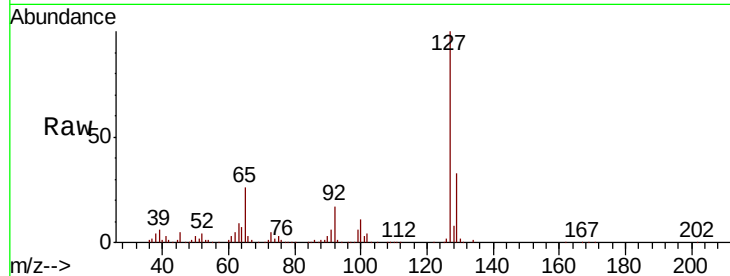




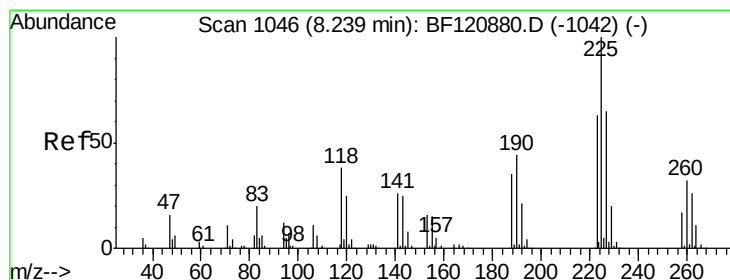
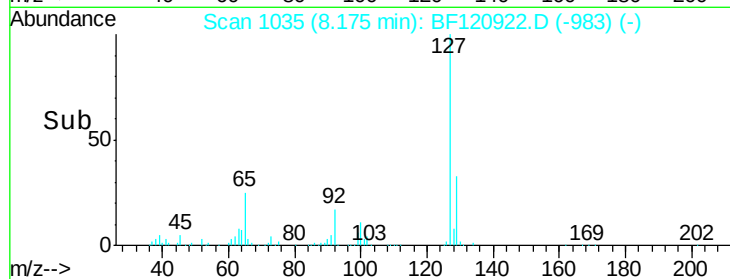
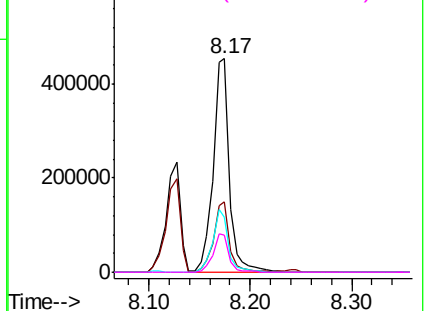
#33
4-Chloroaniline
Concen: 25.792 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

Tot Ion:127	Resp:	504679
Ion Ratio	Lower	Upper
127	100	
129	32.7	26.5 39.7
65	25.5	23.0 34.4
92	17.2	14.5 21.7

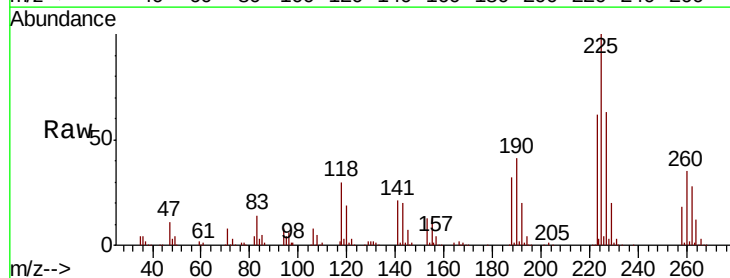


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

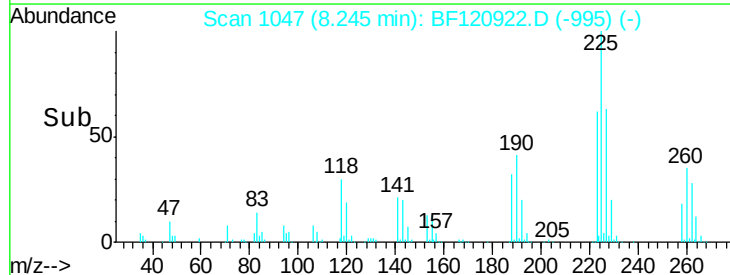
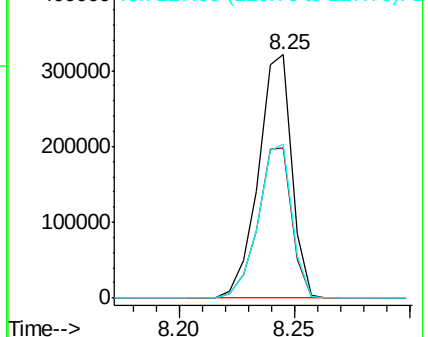


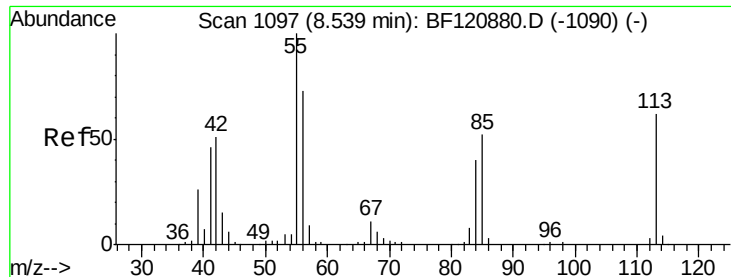
#34
Hexachlorobutadiene
Concen: 39.331 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion:225	Resp:	322858
Ion Ratio	Lower	Upper
225	100	
223	61.6	50.6 76.0
227	63.5	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

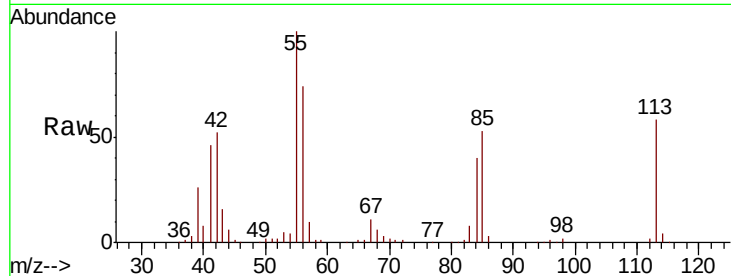




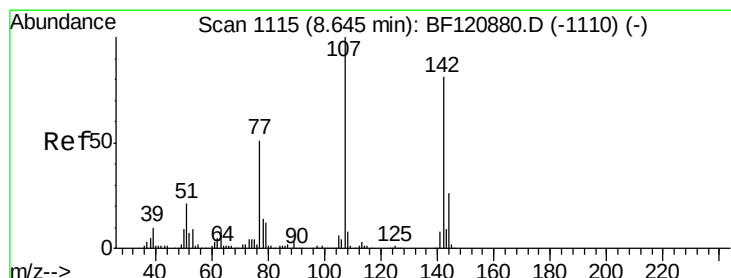
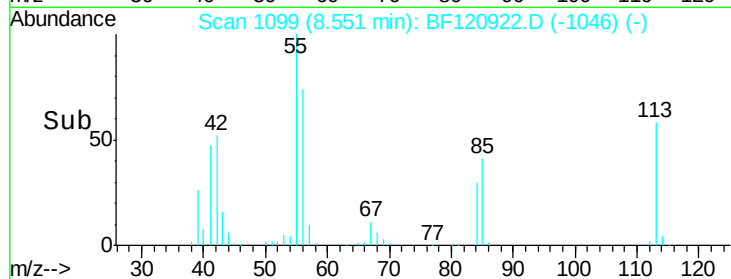
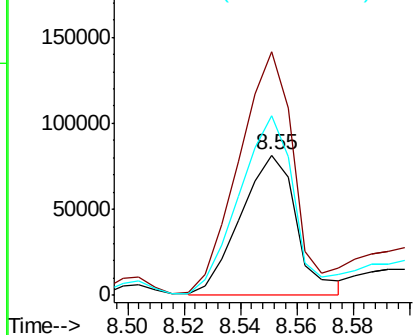
#35
 Caprolactam
 Concen: 28.201 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMSD

Tot Ion:113 Resp: 113506
 Ion Ratio Lower Upper
 113 100
 55 173.2 143.3 183.3
 56 127.4 99.4 139.4

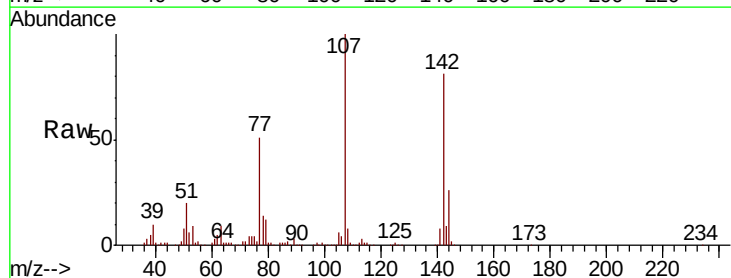


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

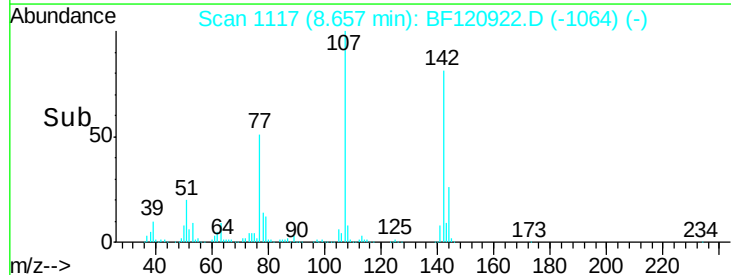
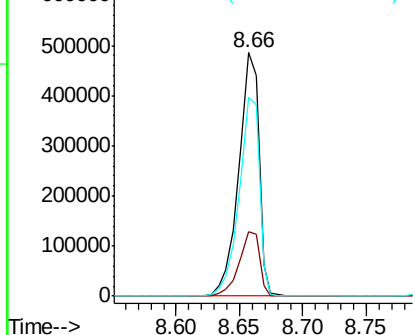


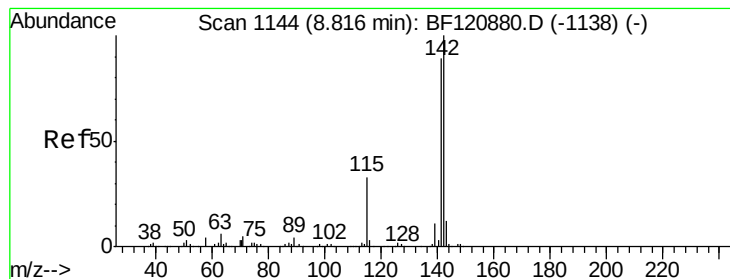
#36
 4-Chloro-3-methylphenol
 Concen: 41.459 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Tgt Ion:107 Resp: 533666
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.0 31.6
 142 81.4 65.0 97.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.981 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

ClientSampleId :

TP-11-SMSD

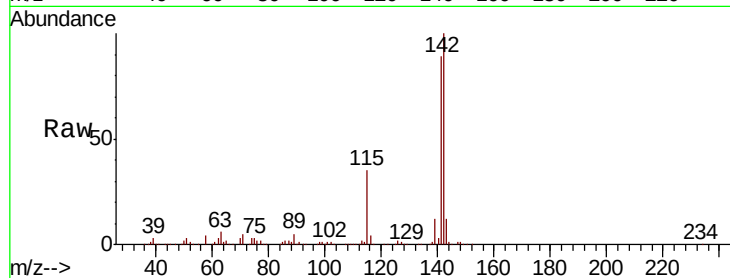
Tot Ion:142 Resp: 1138714

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.4

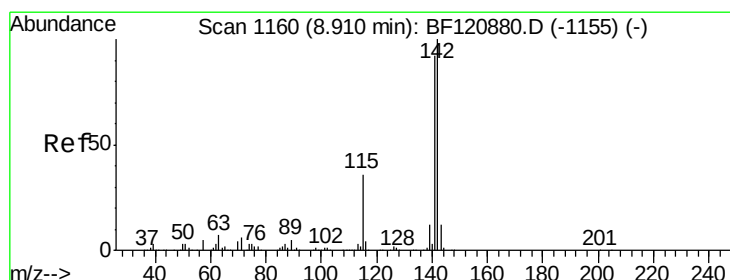
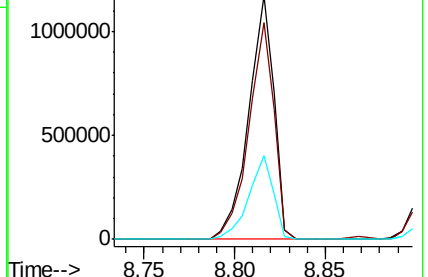
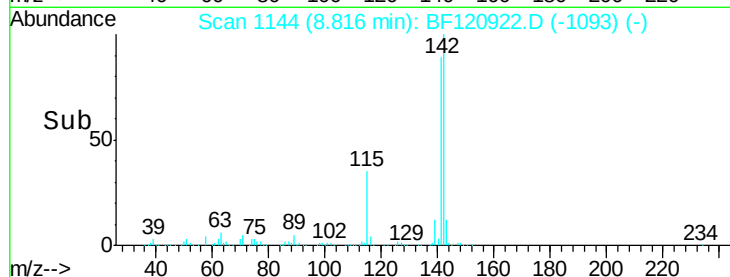
115 34.6 26.0 39.0



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: 40.325 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

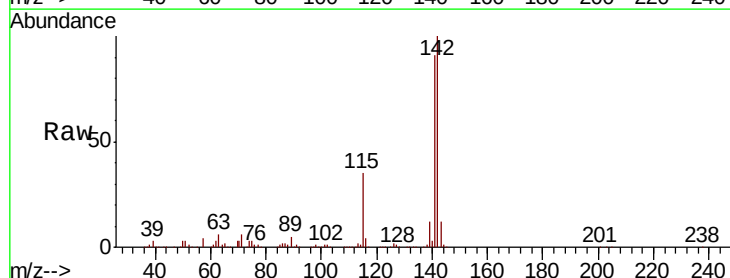
Tgt Ion:142 Resp: 1087755

Ion Ratio Lower Upper

142 100

141 91.0 73.7 110.5

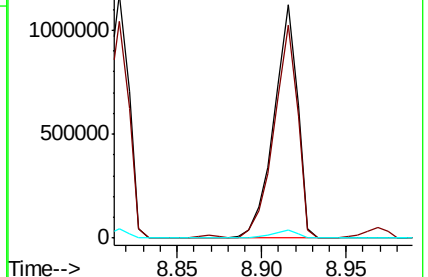
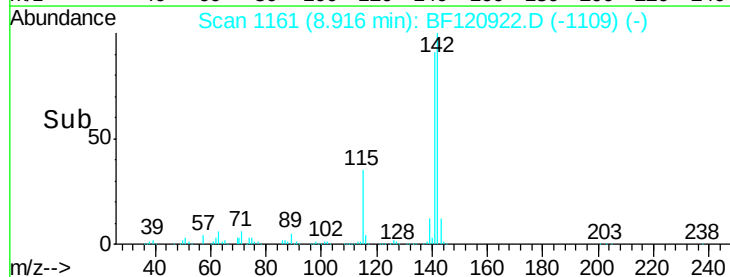
116 3.7 3.0 4.6

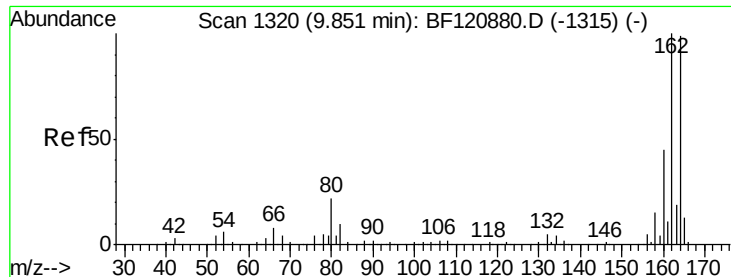


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

ClientSampleId :

TP-11-SMSD

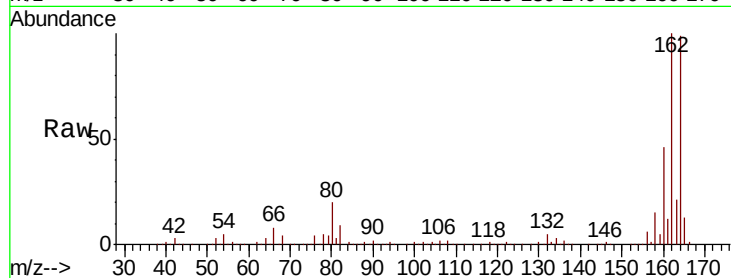
Tot Ion:164 Resp: 432154

Ion Ratio Lower Upper

164 100

162 101.0 81.2 121.8

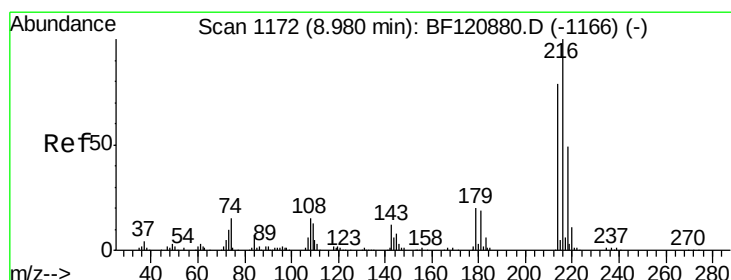
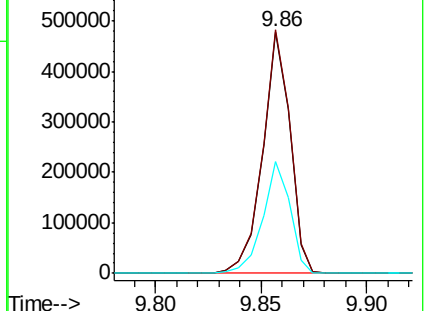
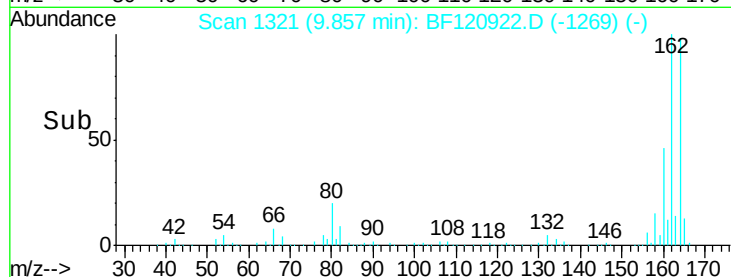
160 46.5 36.9 55.3



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: 40.366 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Tgt Ion:216 Resp: 508248

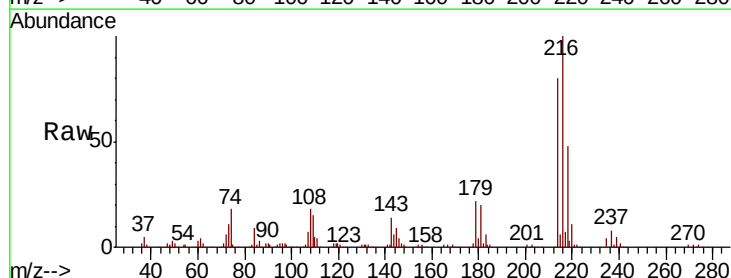
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.8

179 20.6 16.6 24.8

108 19.5 15.4 23.0

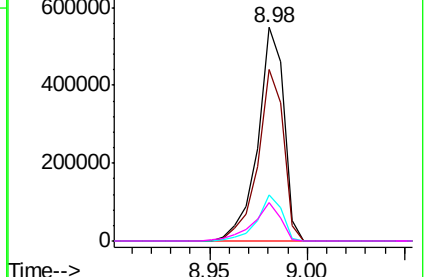
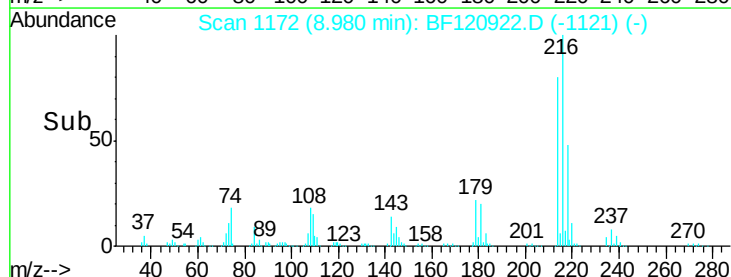


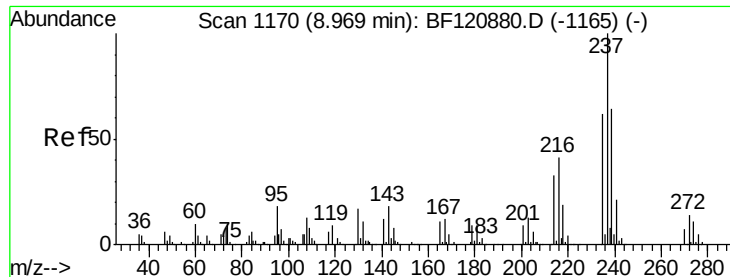
Abundance Ion 216.00 (215.70 to 216.70): E

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: 58.181 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

ClientSampleId :

TP-11-SMSD

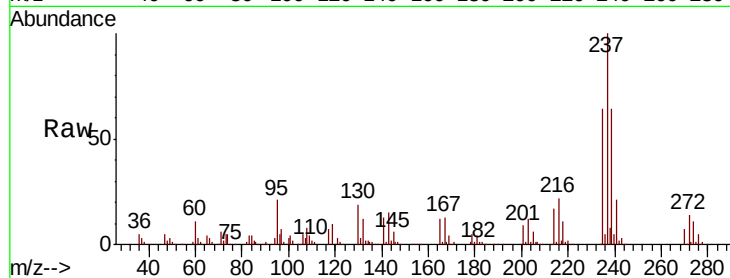
Tot Ion:237 Resp: 404872

Ion Ratio Lower Upper

237 100

235 63.8 41.6 81.6

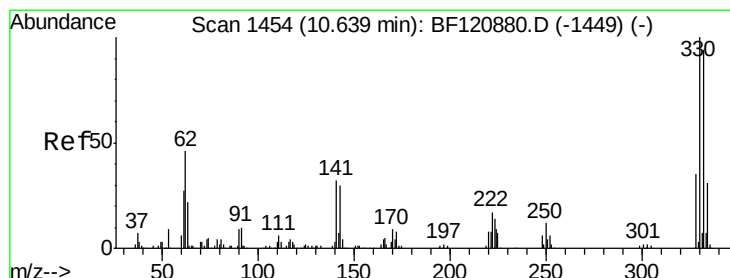
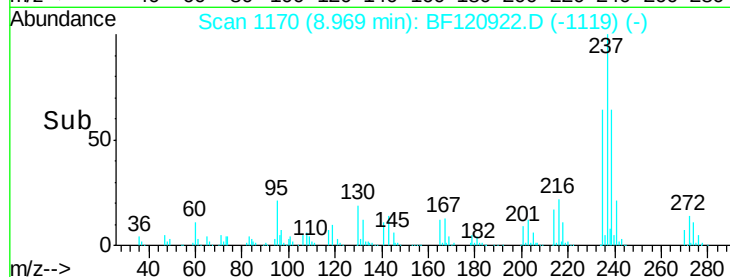
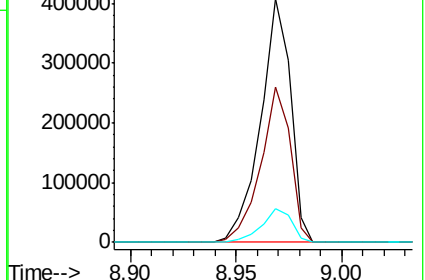
272 13.7 0.0 33.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 65.825 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

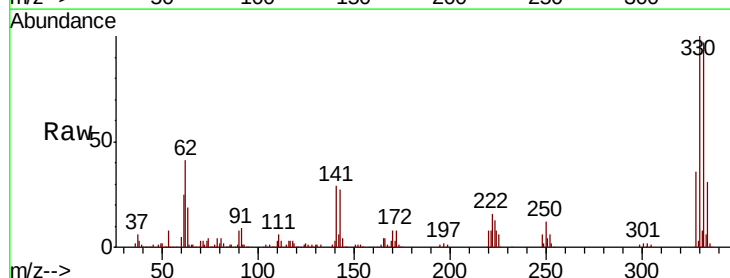
Tgt Ion:330 Resp: 311376

Ion Ratio Lower Upper

330 100

332 96.7 75.5 113.3

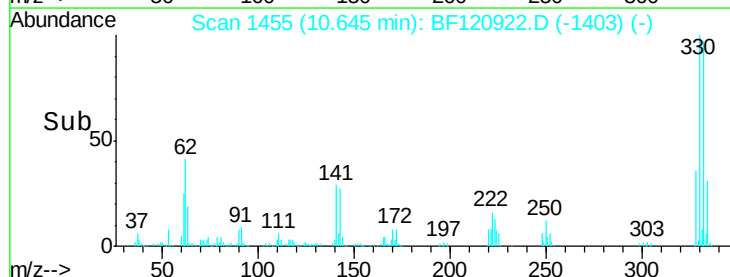
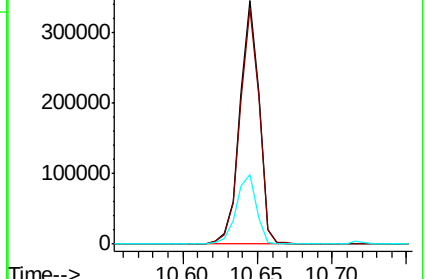
141 30.4 25.7 38.5

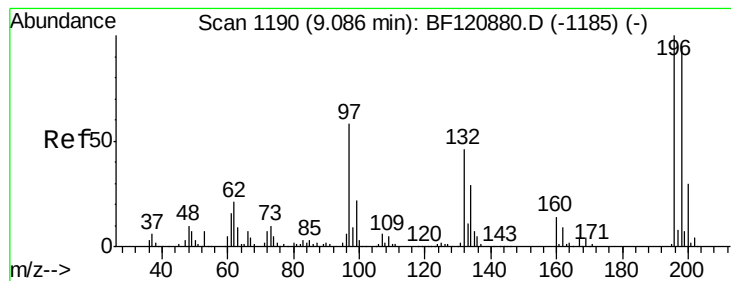


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 43.043 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

ClientSampleId :

TP-11-SMSD

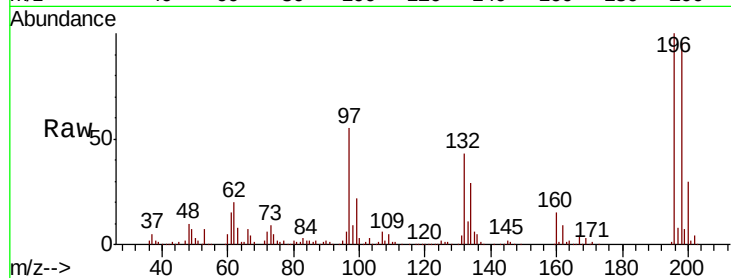
Tot Ion:196 Resp: 381588

Ion Ratio Lower Upper

196 100

198 95.5 75.7 113.5

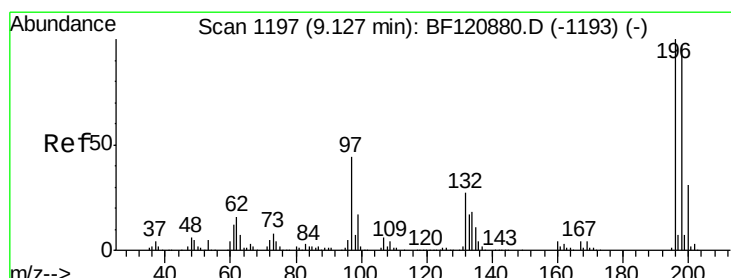
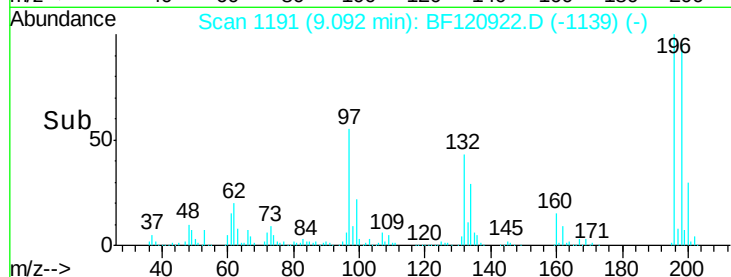
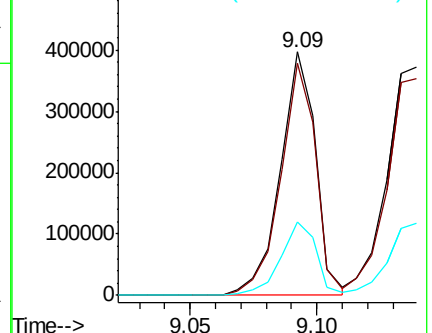
200 30.2 24.4 36.6



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 39.981 ng

RT: 9.14 min Scan# 1199

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Tgt Ion:196 Resp: 402059

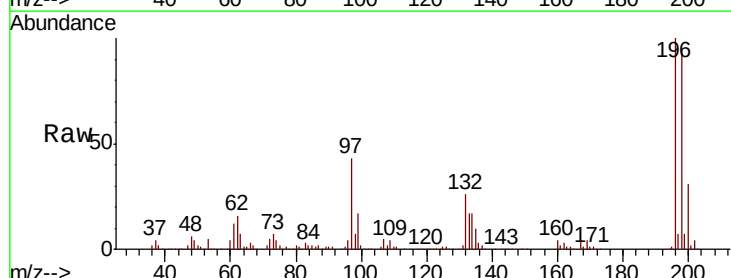
Ion Ratio Lower Upper

196 100

198 95.1 77.6 116.4

97 42.9 35.6 53.4

132 26.3 21.5 32.3

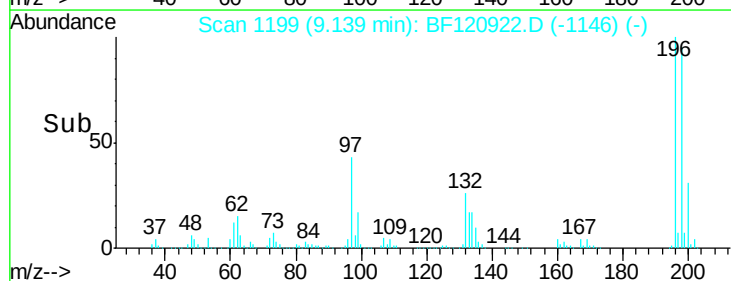
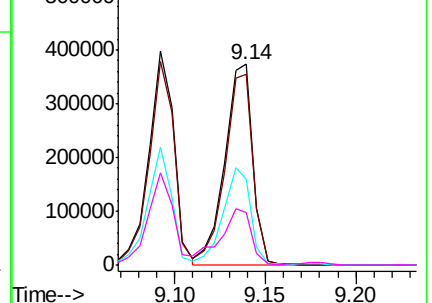


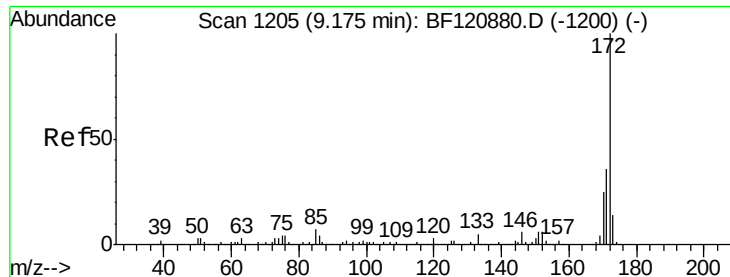
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

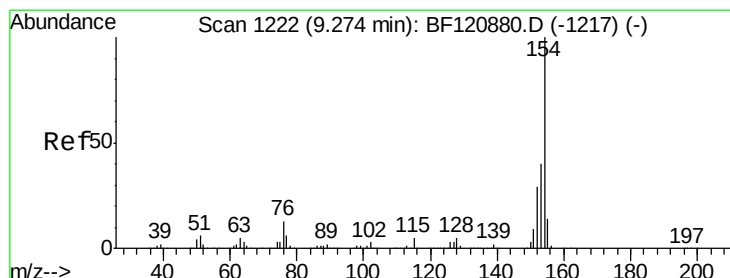
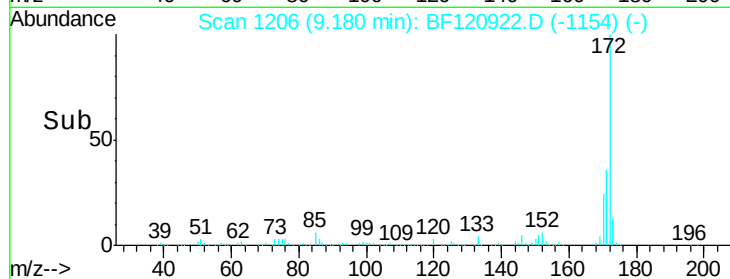
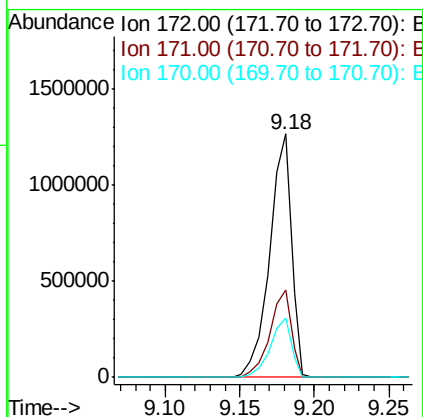
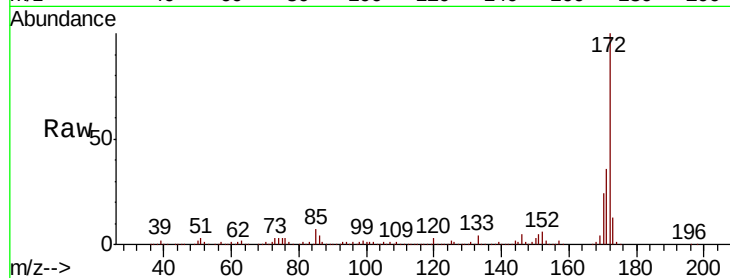




#45
2-Fluorobiphenyl
Concen: 44.002 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

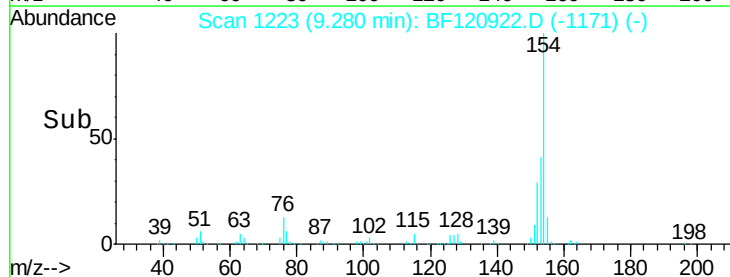
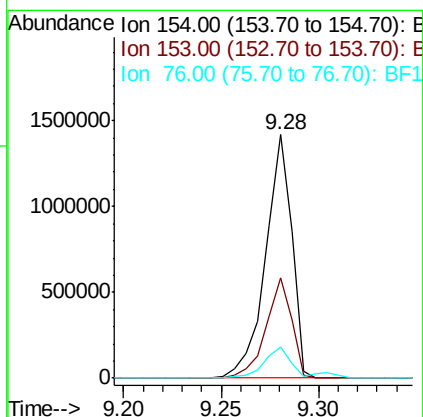
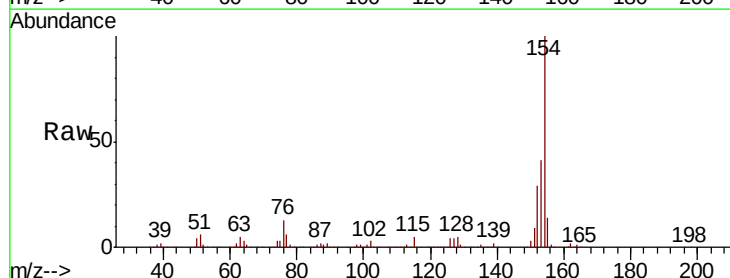
Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

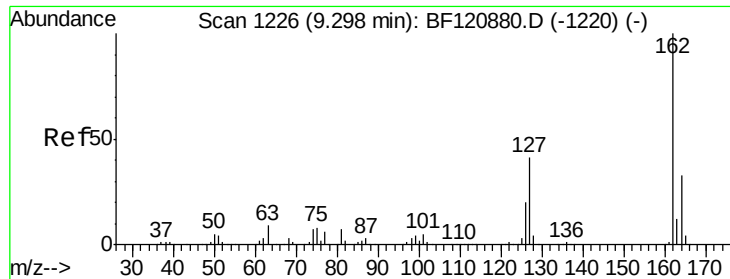
Tot Ion:172 Resp: 1273606
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.2 19.6 29.4



#46
1,1'-Biphenyl
Concen: 39.994 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion:154 Resp: 1318391
Ion Ratio Lower Upper
154 100
153 41.2 20.4 60.4
76 13.0 0.0 33.1

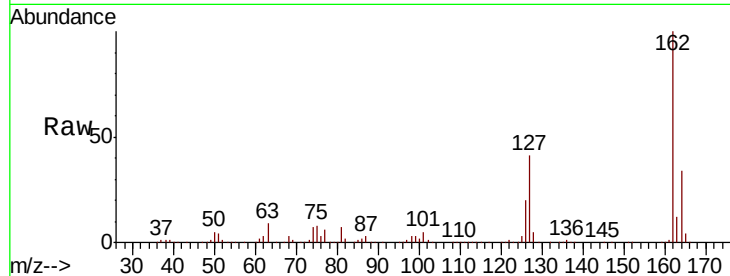




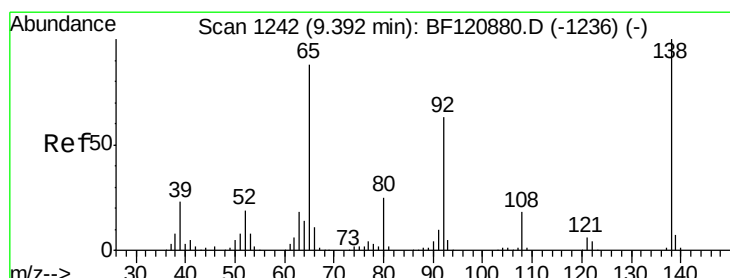
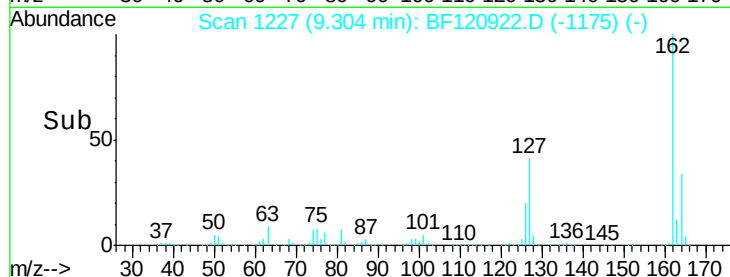
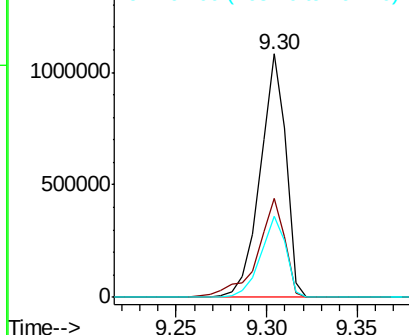
#47
 2-Chloronaphthalene
 Concen: 39.471 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMSD

Tot Ion:162 Resp: 1060830
 Ion Ratio Lower Upper
 162 100
 127 40.7 33.3 49.9
 164 33.6 26.6 39.8

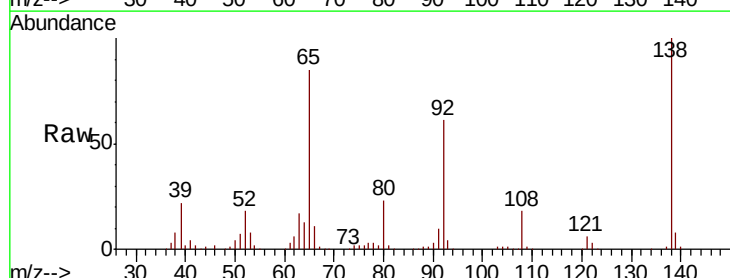


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

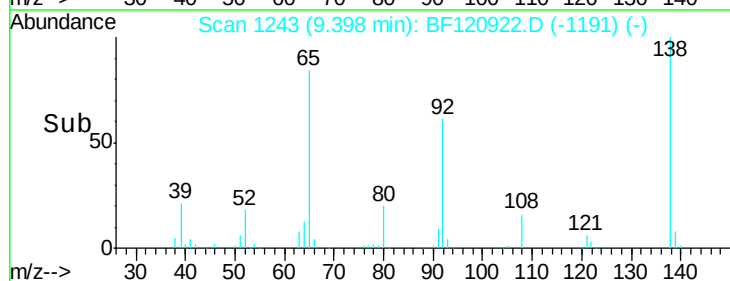
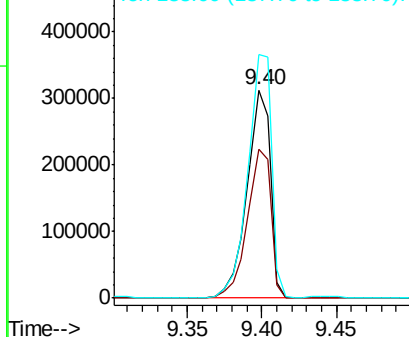


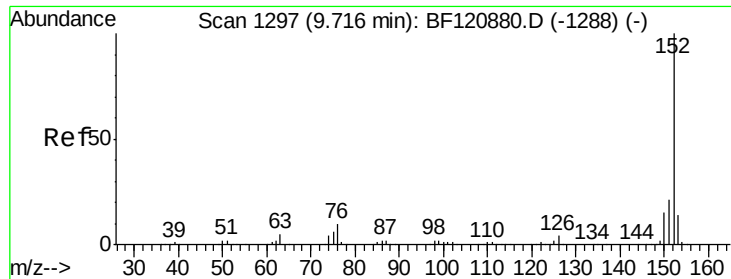
#48
 2-Nitroaniline
 Concen: 41.586 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Tgt Ion: 65 Resp: 337771
 Ion Ratio Lower Upper
 65 100
 92 71.5 57.0 85.4
 138 117.2 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: 39.306 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

ClientSampleId :

TP-11-SMSD

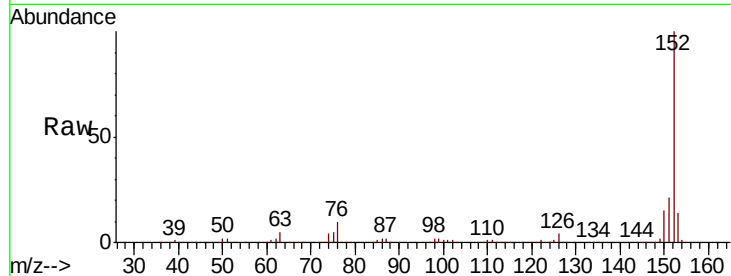
Tot Ion:152 Resp: 1641156

Ion Ratio Lower Upper

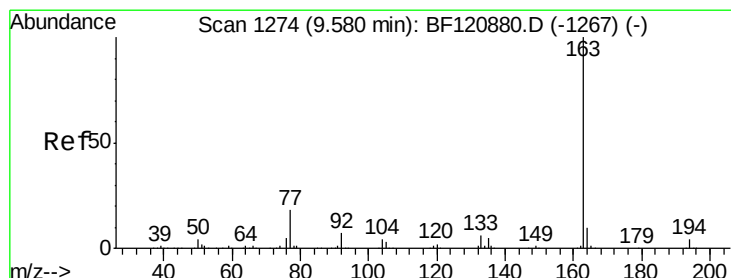
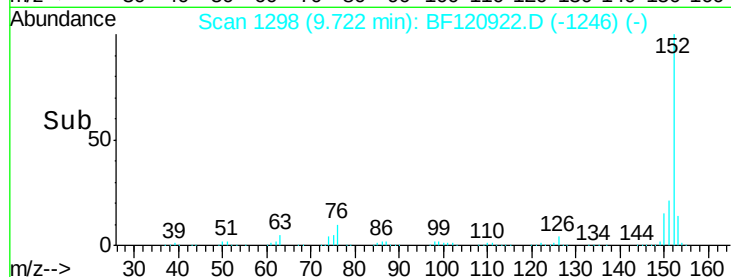
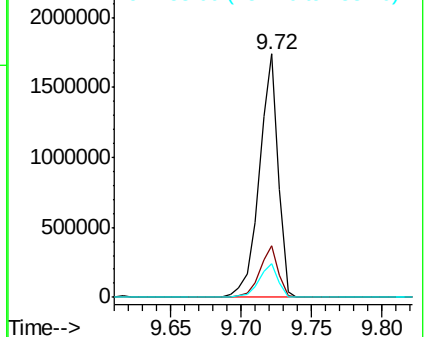
152 100

151 21.0 16.6 25.0

153 13.7 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: 46.458 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

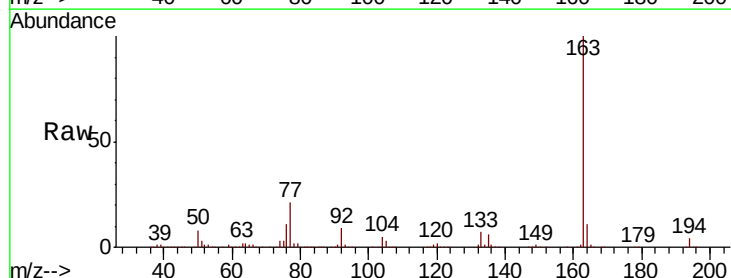
Tgt Ion:163 Resp: 1448427

Ion Ratio Lower Upper

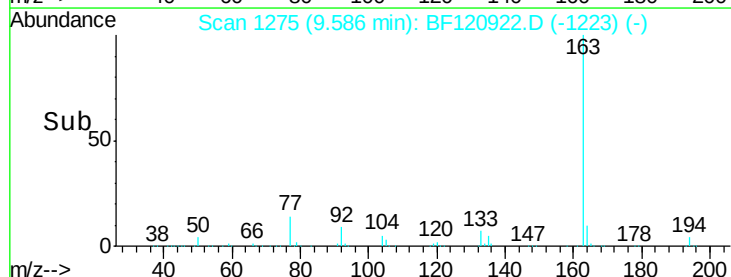
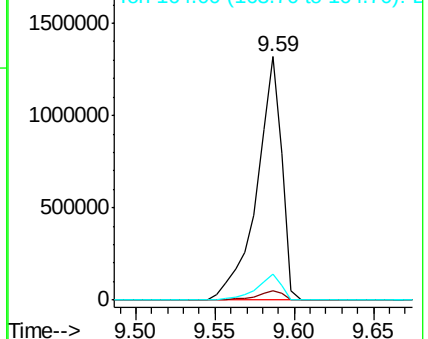
163 100

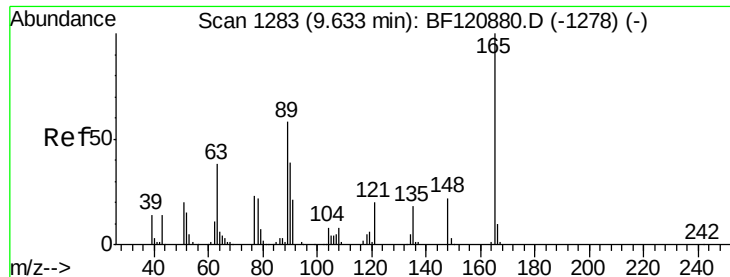
194 4.0 3.2 4.8

164 10.8 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: 42.594 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

ClientSampleId :

TP-11-SMSD

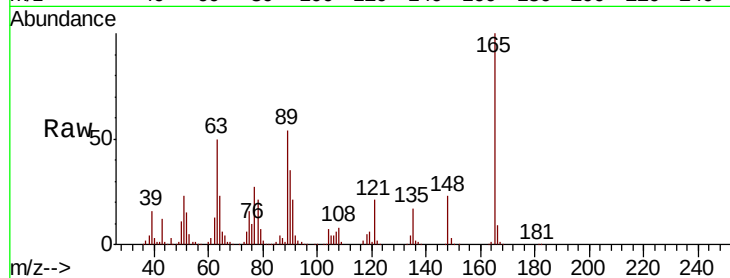
Tot Ion:165 Resp: 285303

Ion Ratio Lower Upper

165 100

63 49.9 45.4 68.2

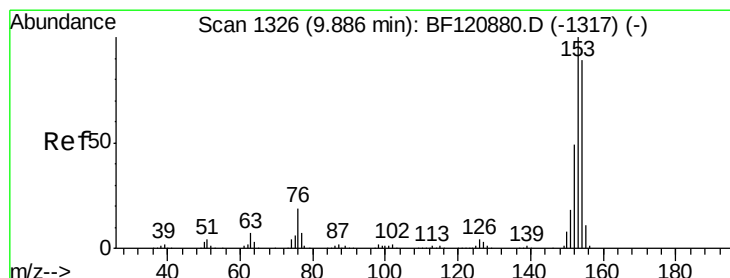
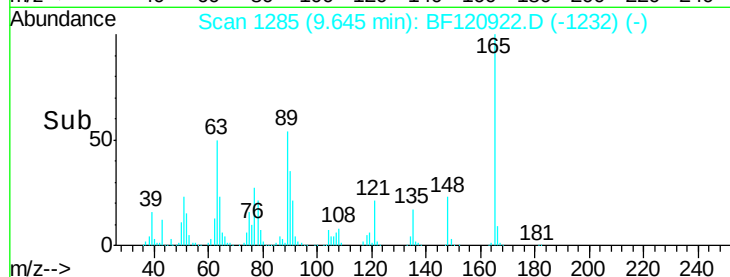
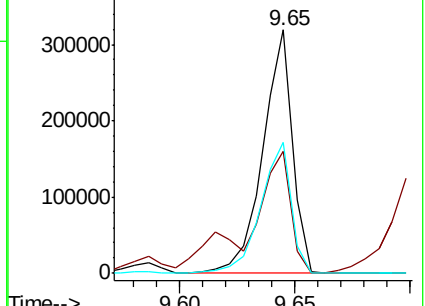
89 53.6 47.0 70.4



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: 38.405 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

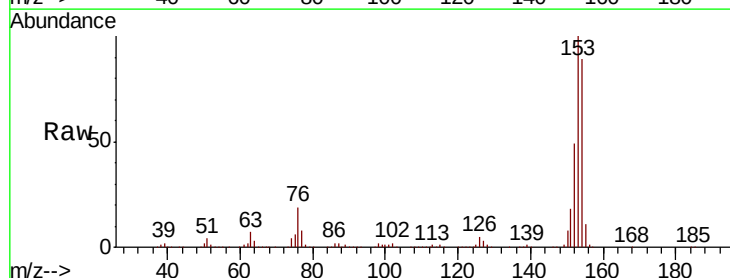
Tgt Ion:154 Resp: 1019482

Ion Ratio Lower Upper

154 100

153 112.0 89.5 134.3

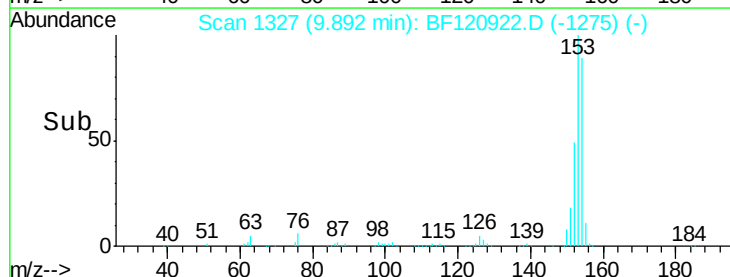
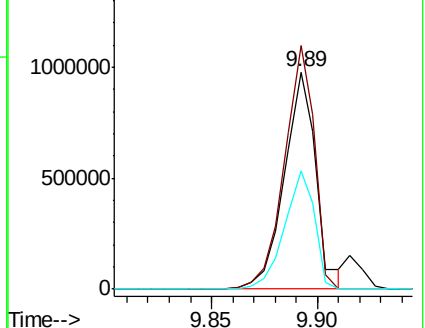
152 54.5 44.2 66.2

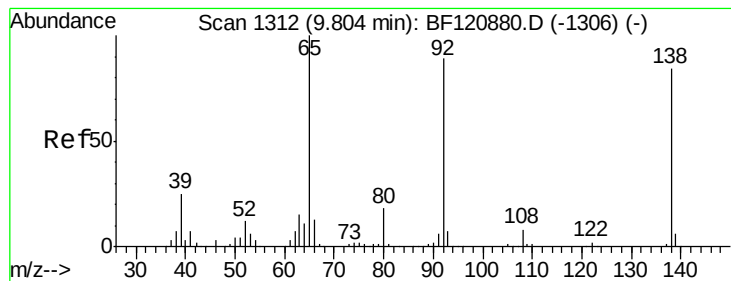


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 27.512 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

ClientSampleId :

TP-11-SMSD

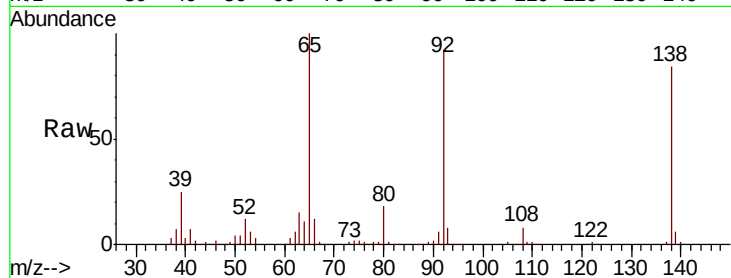
Tot Ion:138 Resp: 231118

Ion Ratio Lower Upper

138 100

108 9.4 7.9 11.9

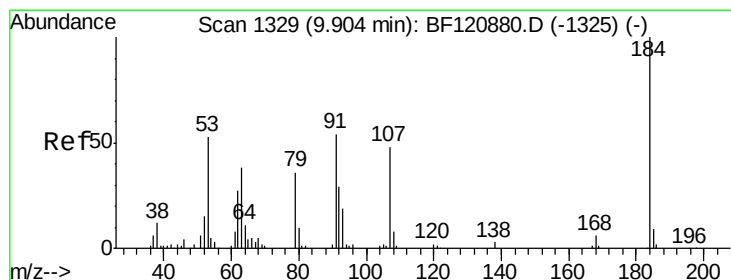
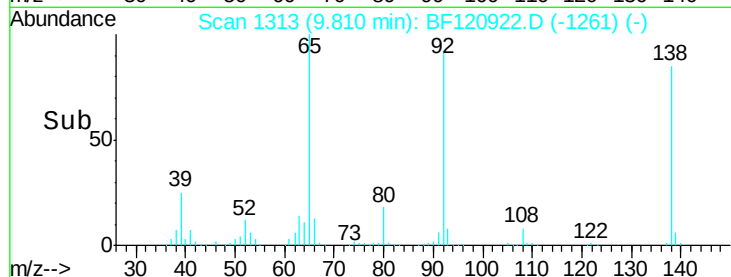
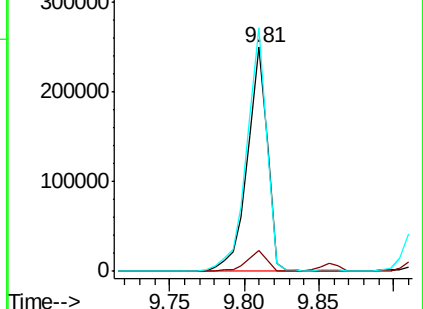
92 108.7 85.3 127.9



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: 62.438 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

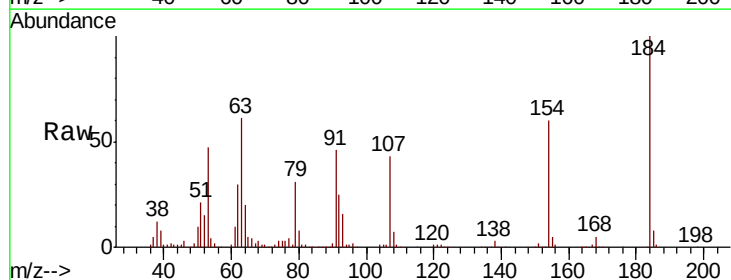
Tgt Ion:184 Resp: 234404

Ion Ratio Lower Upper

184 100

63 61.2 57.9 86.9

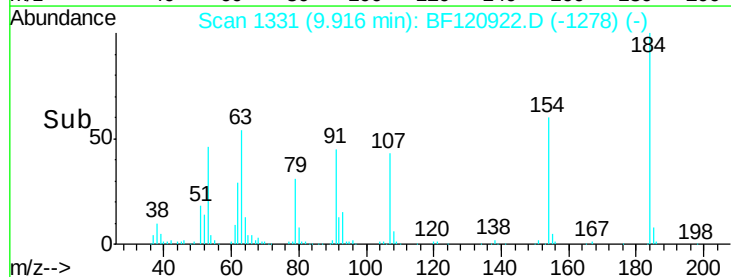
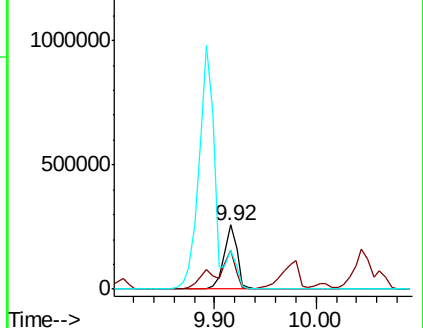
154 60.1 52.6 78.8

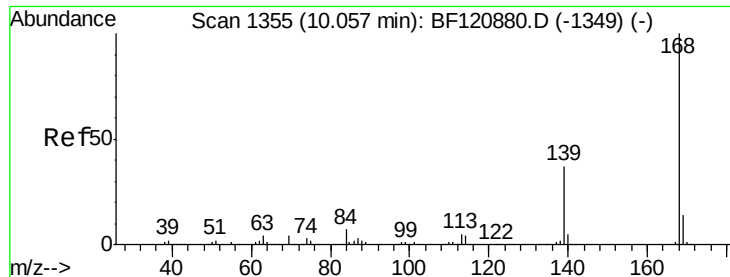


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

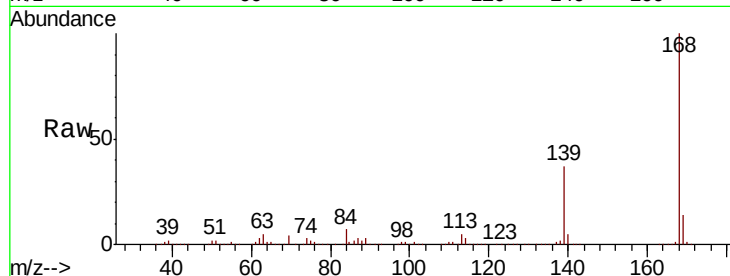




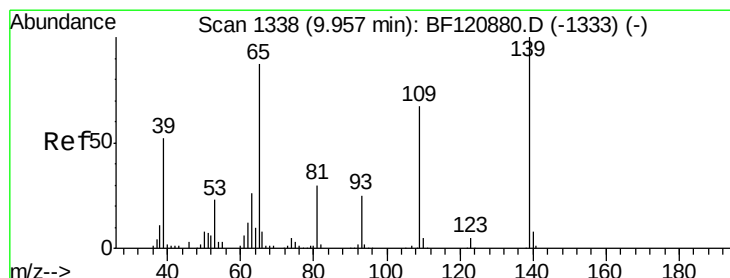
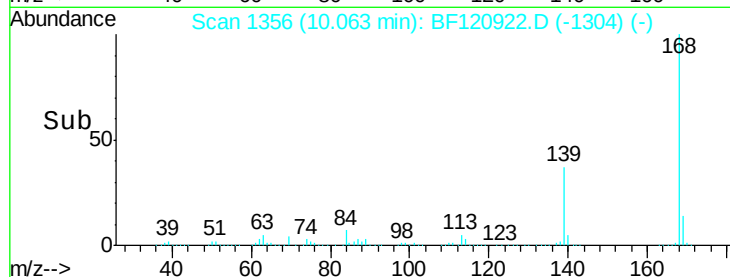
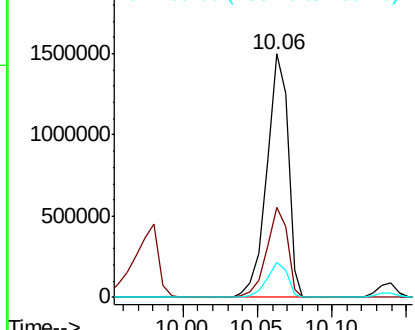
#55
Dibenzenofuran
Concen: 38.298 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

Tot Ion:168 Resp: 1470145
Ion Ratio Lower Upper
168 100
139 37.2 29.7 44.5
169 14.4 11.1 16.7

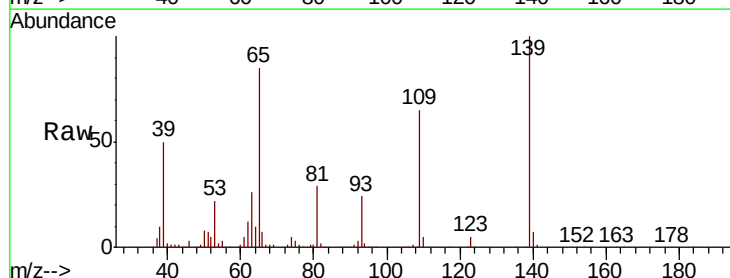


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

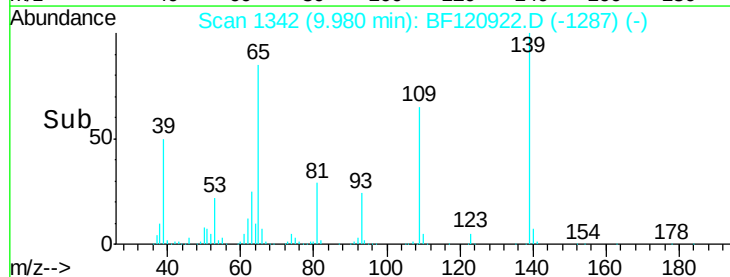
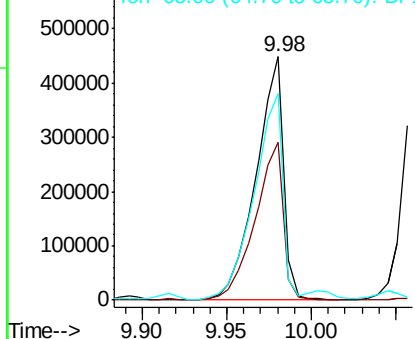


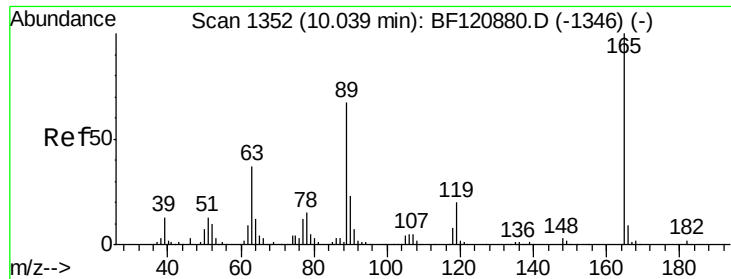
#56
4-Nitrophenol
Concen: 79.839 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion:139 Resp: 509484
Ion Ratio Lower Upper
139 100
109 64.7 47.3 87.3
65 85.0 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

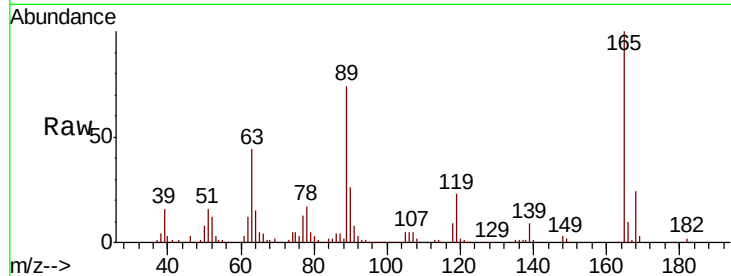




#57
 2,4-Dinitrotoluene
 Concen: 43.524 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.5	29.4	44.2#
89	74.3	53.4	80.0
182	2.4	1.8	2.6

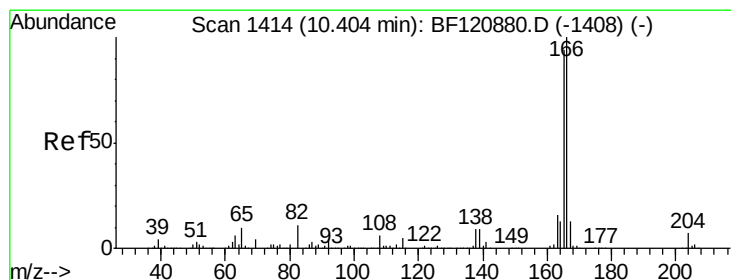
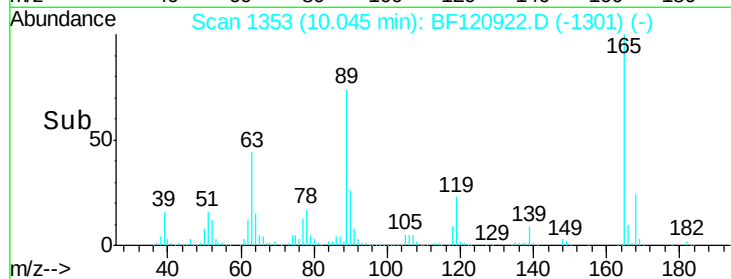
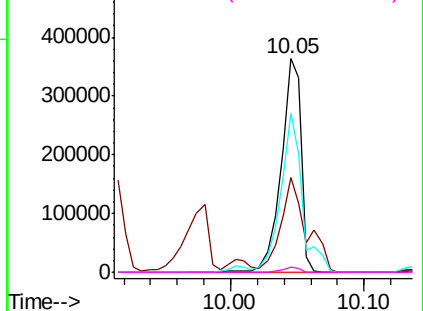


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

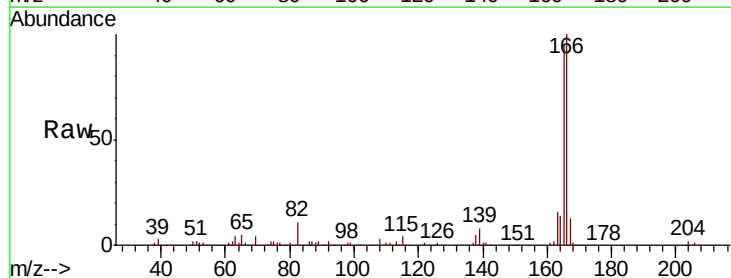
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 36.331 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

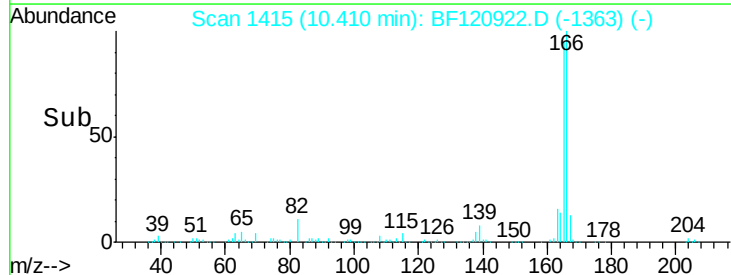
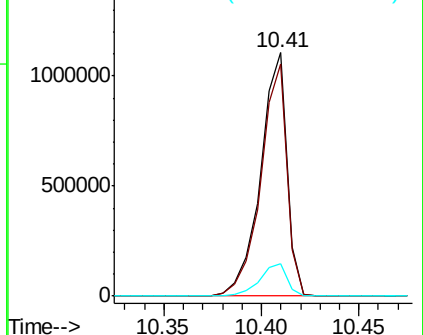
Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.1	75.4	113.0
167	13.5	10.6	15.8

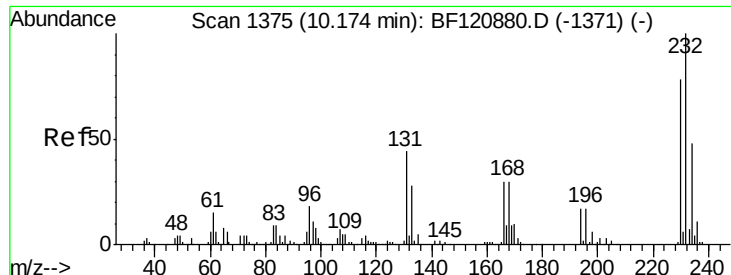


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

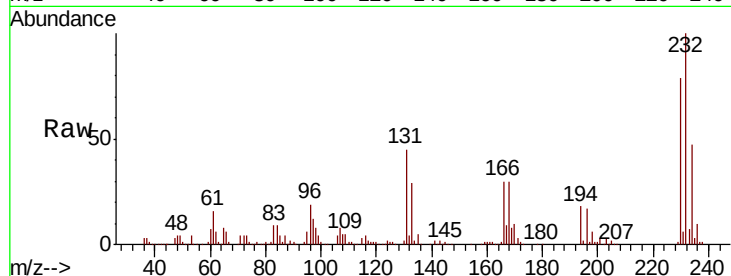




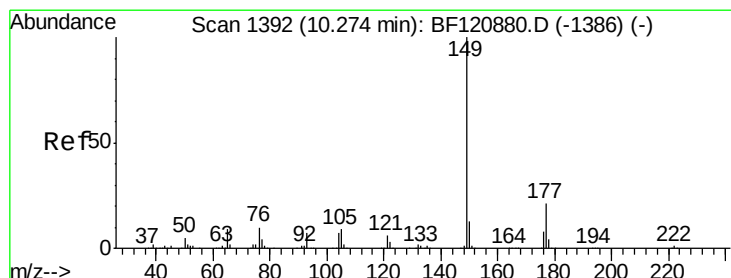
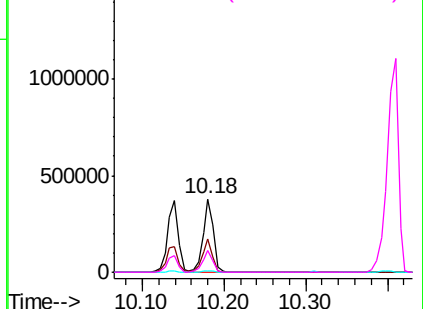
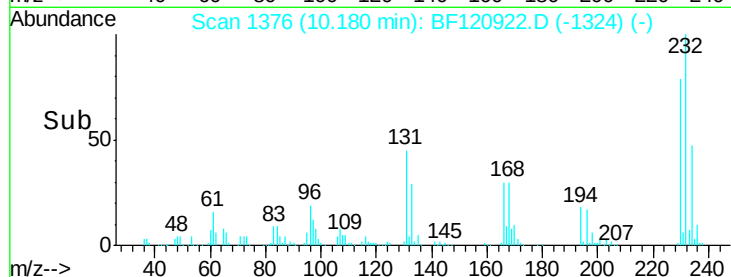
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.938 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

Tot Ion:232 Resp: 336418
Ion Ratio Lower Upper
232 100
131 43.4 37.1 55.7
130 2.2 1.7 2.5
166 29.1 24.2 36.4

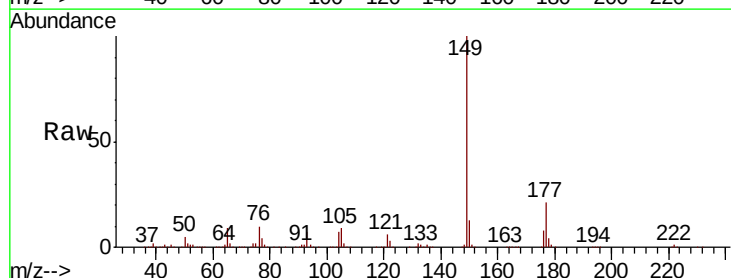


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

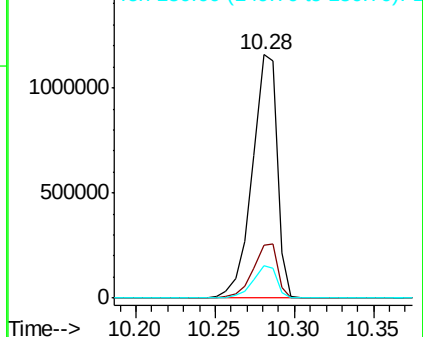
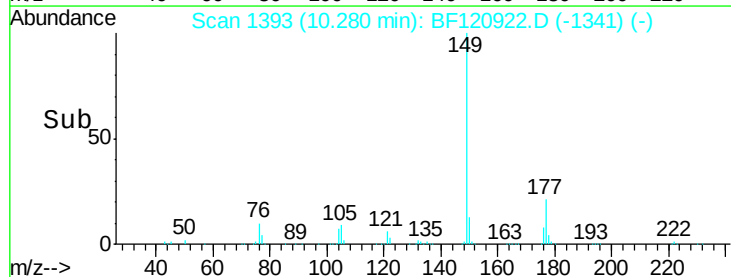


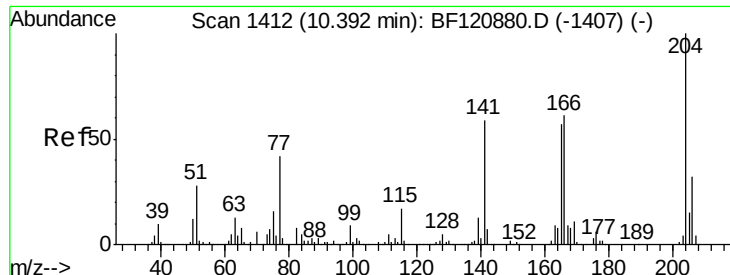
#60
Diethylphthalate
Concen: 40.321 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion:149 Resp: 1271512
Ion Ratio Lower Upper
149 100
177 21.5 17.1 25.7
150 13.1 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

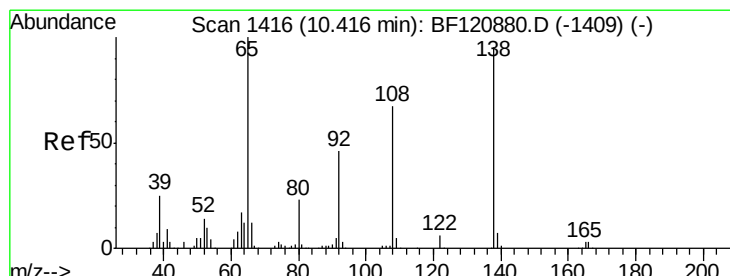
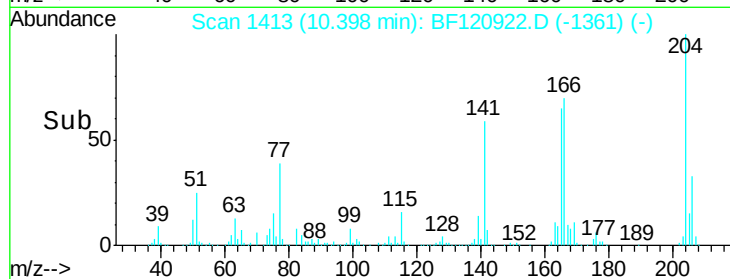
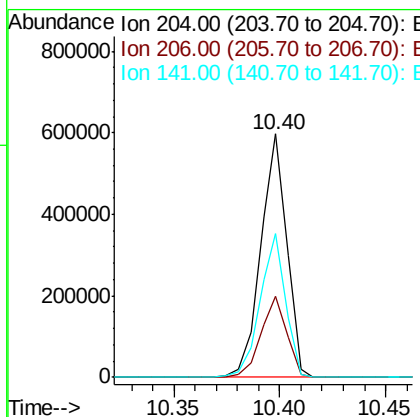
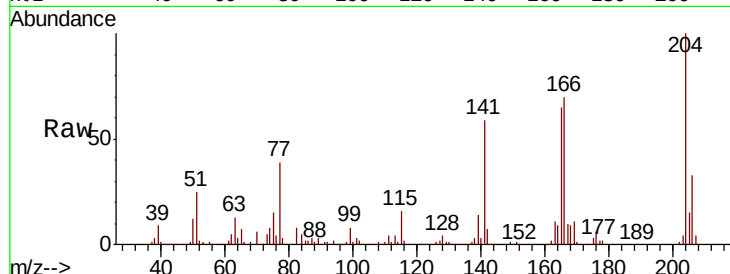




#61
 4-Chlorophenyl-phenylether
 Concen: 33.464 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

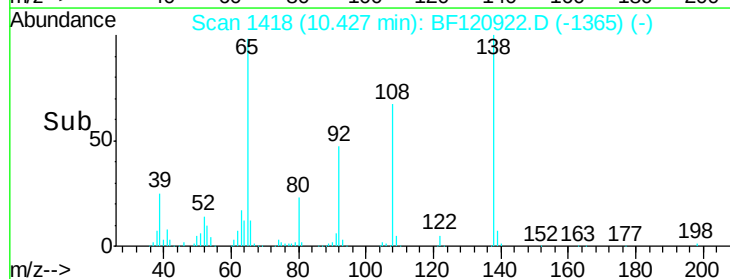
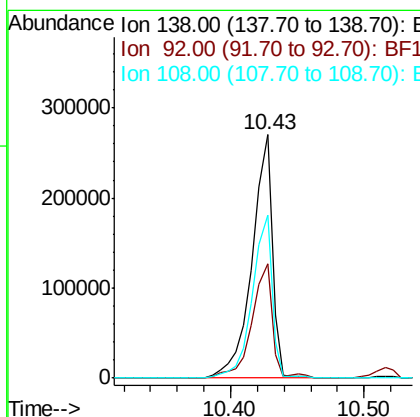
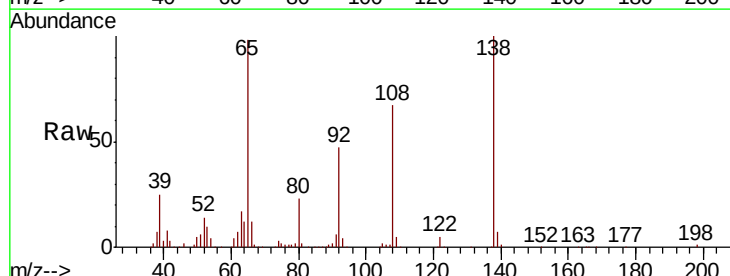
Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMSD

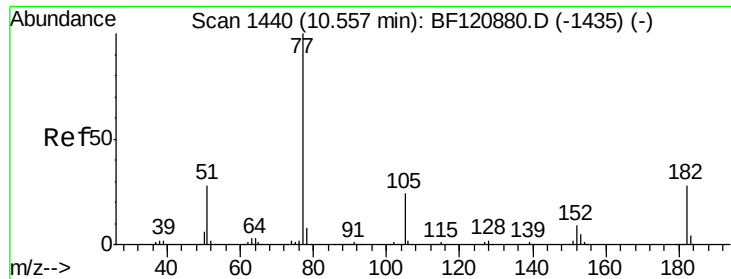
Tot Ion:204 Resp: 511009
 Ion Ratio Lower Upper
 204 100
 206 33.2 25.9 38.9
 141 58.9 47.2 70.8



#62
 4-Nitroaniline
 Concen: 34.347 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Tgt Ion:138 Resp: 281065
 Ion Ratio Lower Upper
 138 100
 92 47.1 28.6 68.6
 108 67.1 51.1 91.1





#63

Azobenzene

Concen: 39.535 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

ClientSampleId :

TP-11-SMSD

Tot Ion: 77 Resp: 1186902

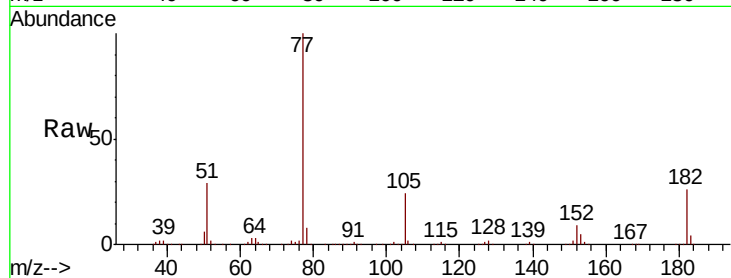
Ion Ratio Lower Upper

77 100

182 25.6 7.8 47.8

105 23.8 4.4 44.4

51 29.1 8.0 48.0

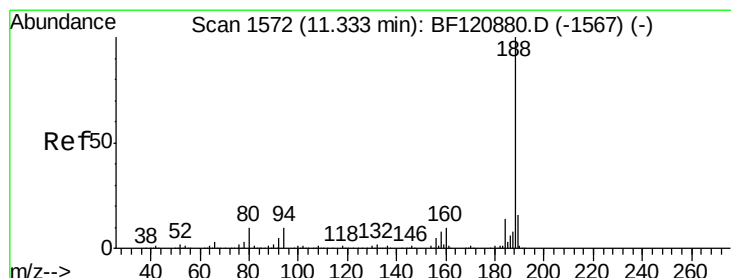
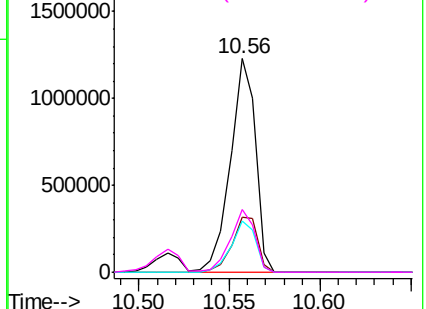
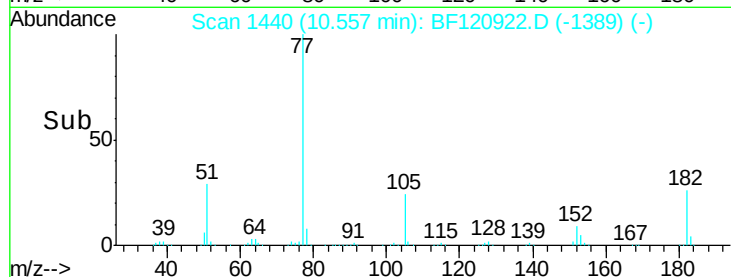


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

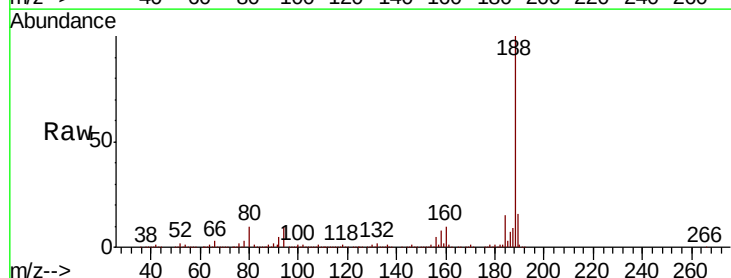
Tgt Ion: 188 Resp: 788726

Ion Ratio Lower Upper

188 100

94 10.0 8.0 12.0

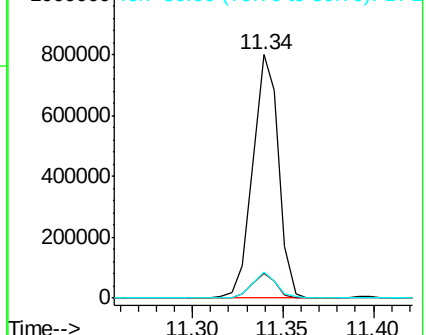
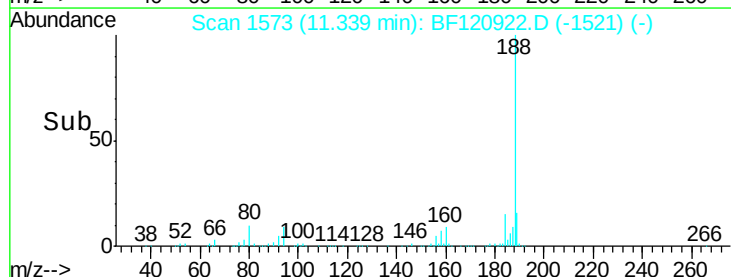
80 10.5 8.3 12.5

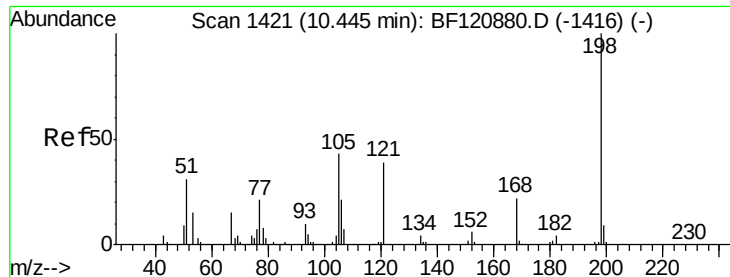


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 36.979 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

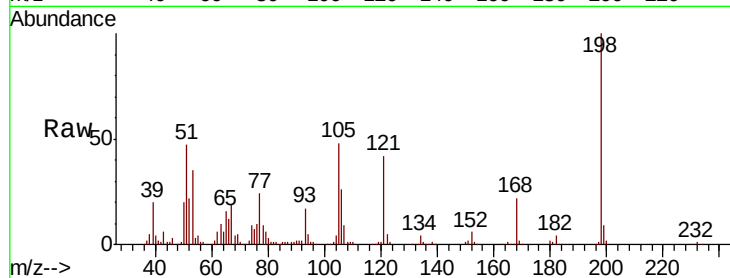
BNA_F

ClientSampled :

TP-11-SMSD

Tot Ion:198 Resp: 164427

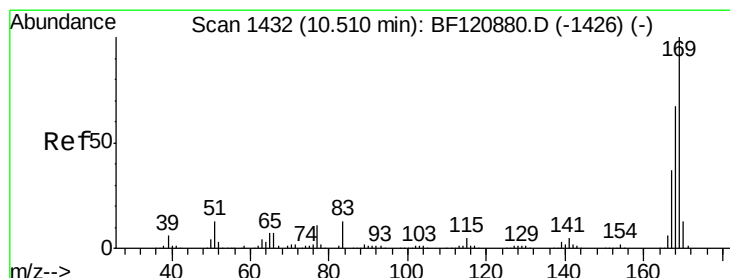
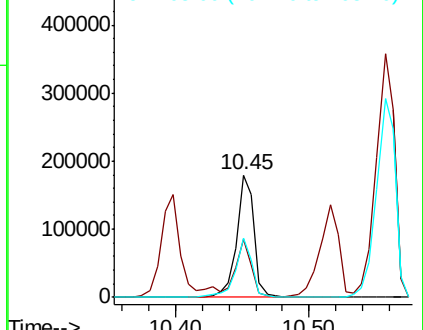
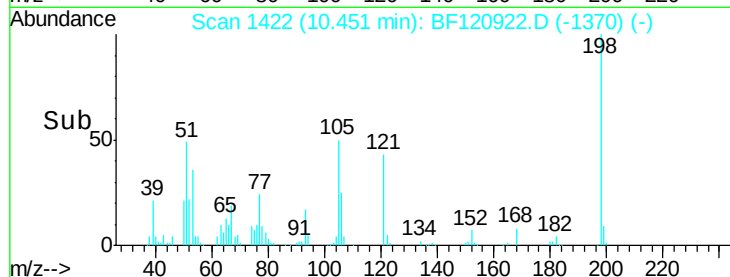
Ion	Ratio	Lower	Upper
198	100		
51	47.2	19.5	59.5
105	48.4	24.4	64.4



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



#66

n-Nitrosodiphenylamine

Concen: 42.134 ng

RT: 10.52 min Scan# 1433

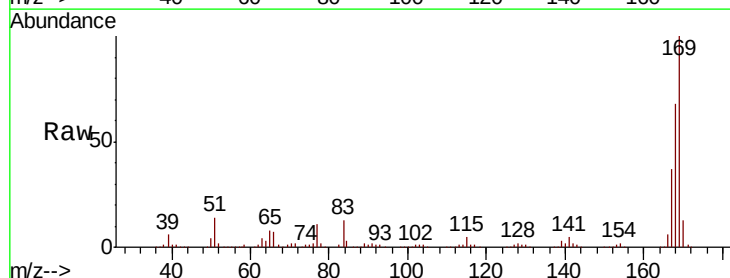
Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Tgt Ion:169 Resp: 1045419

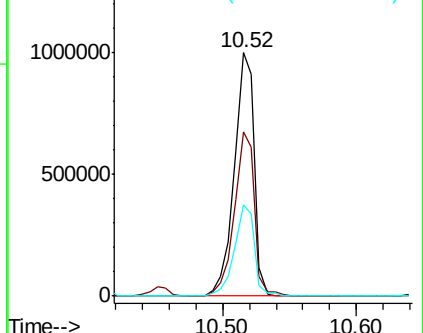
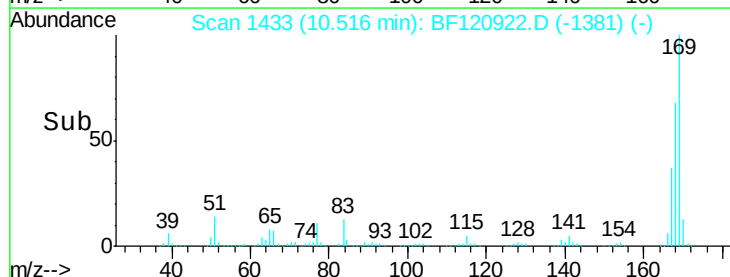
Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.4	80.0
167	37.3	29.4	44.0

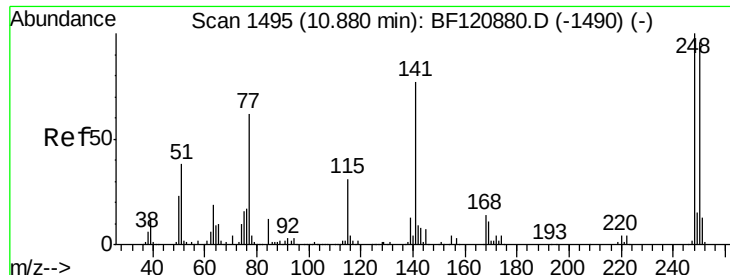


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

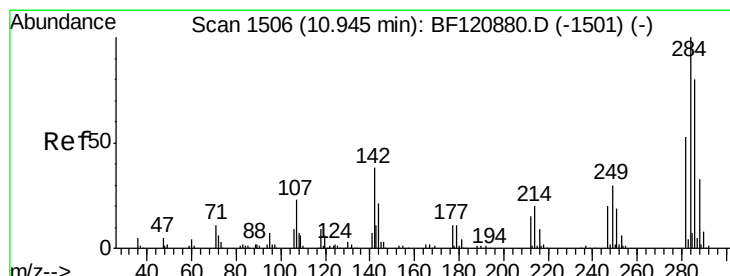
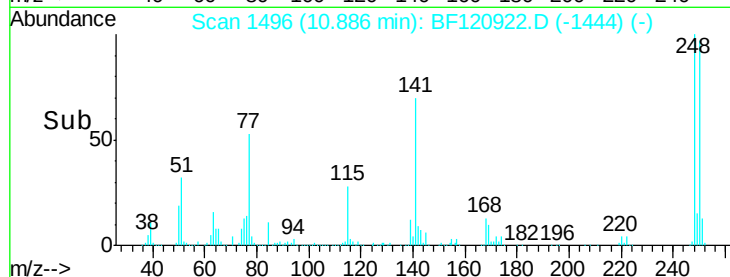
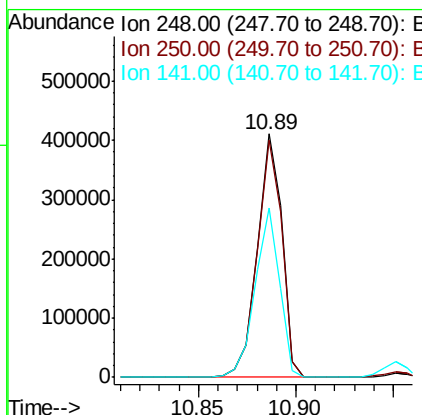
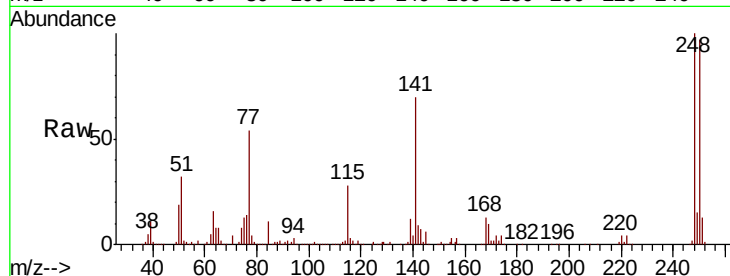




#67
 4-Bromophenyl-phenylether
 Concen: 40.944 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

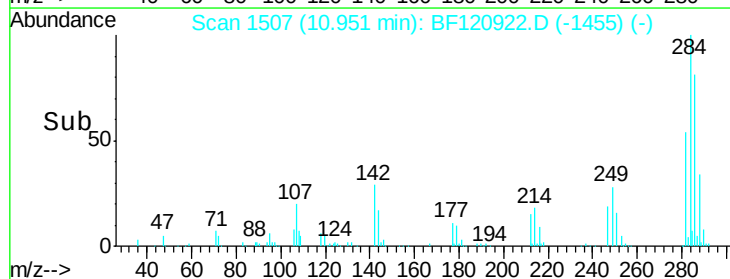
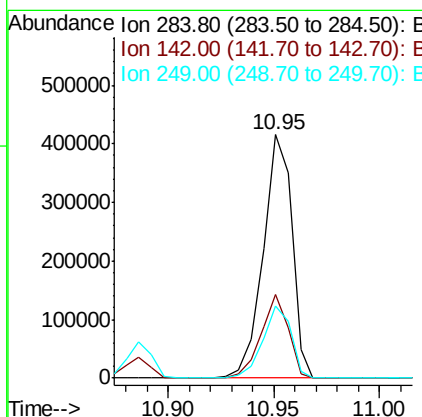
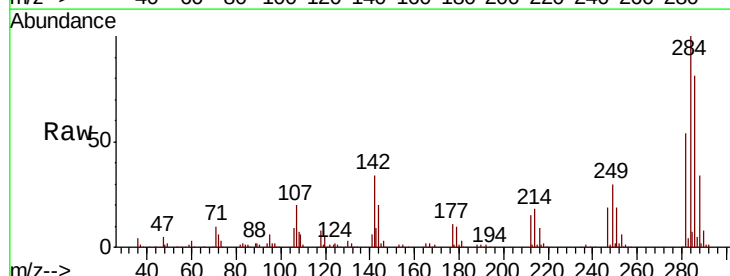
Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMSD

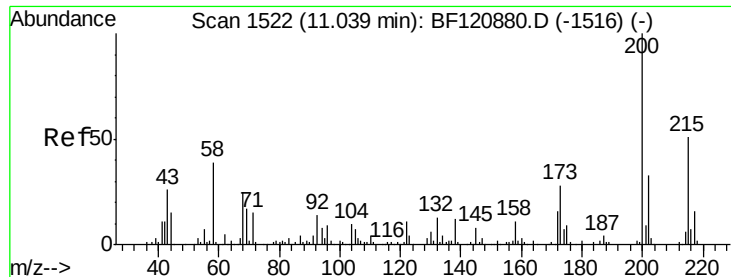
Tot Ion:248 Resp: 360047
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.1 115.7
 141 69.8 61.2 91.8



#68
 Hexachlorobenzene
 Concen: 41.678 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Tgt Ion:284 Resp: 396461
 Ion Ratio Lower Upper
 284 100
 142 34.2 30.2 45.2
 249 29.8 24.2 36.2





#69

Atrazine

Concen: 49.196 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

ClientSampleId :

TP-11-SMSD

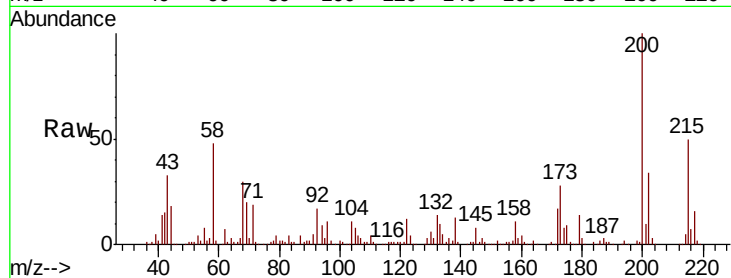
Tot Ion:200 Resp: 302299

Ion Ratio Lower Upper

200 100

173 28.5 8.0 48.0

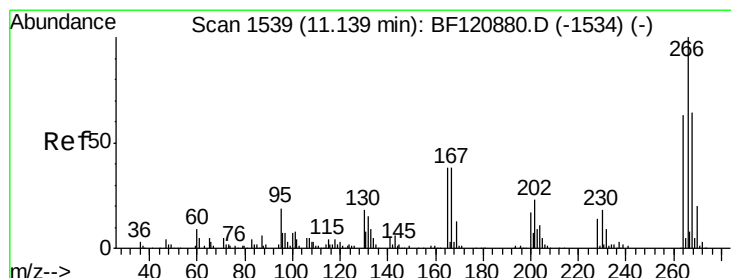
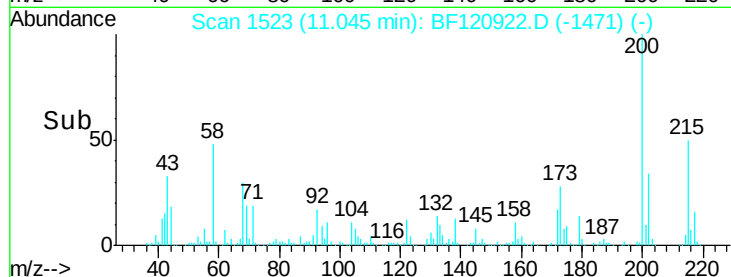
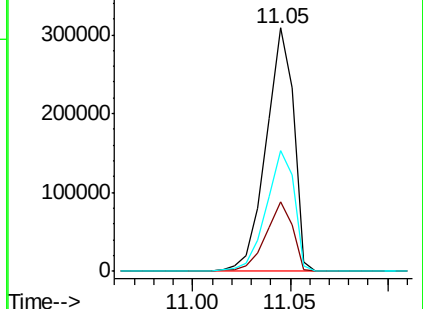
215 49.6 31.5 71.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 81.736 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

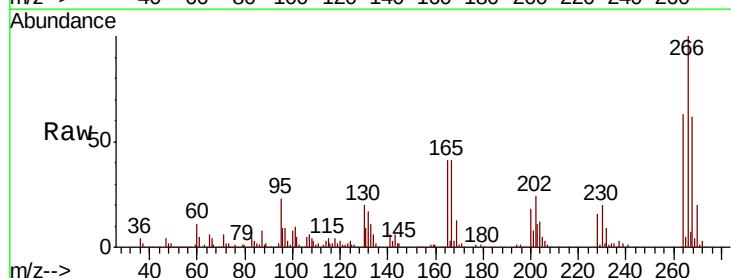
Tgt Ion:266 Resp: 445422

Ion Ratio Lower Upper

266 100

268 62.3 51.1 76.7

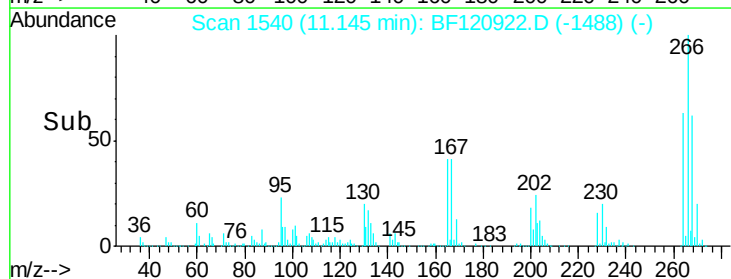
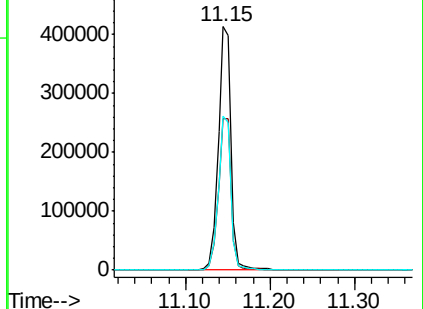
264 63.0 50.2 75.2

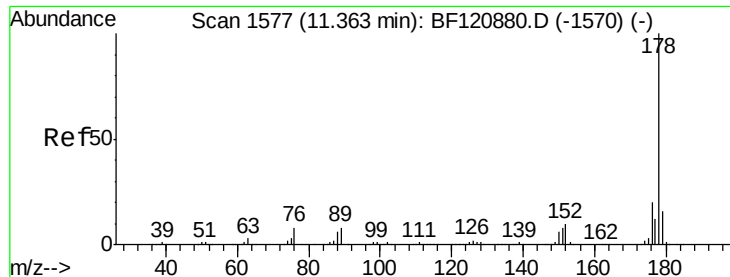


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

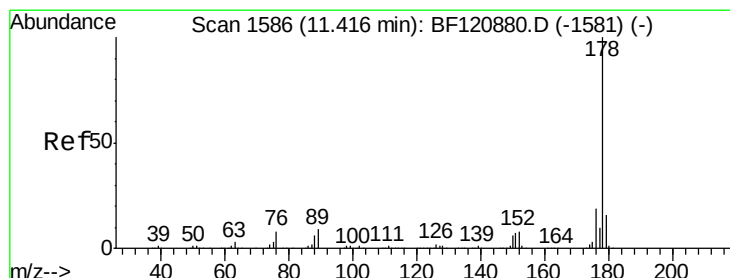
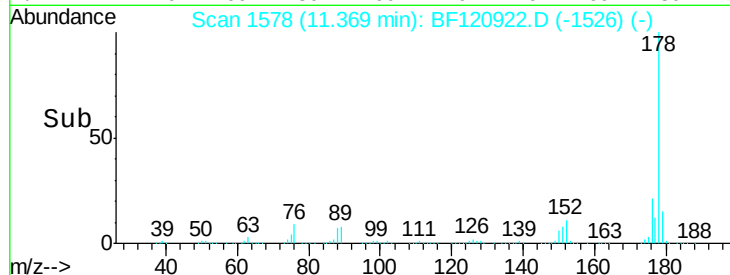
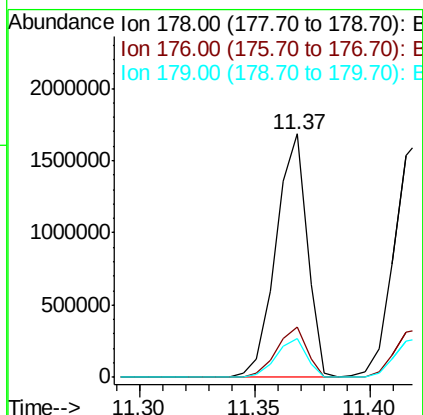
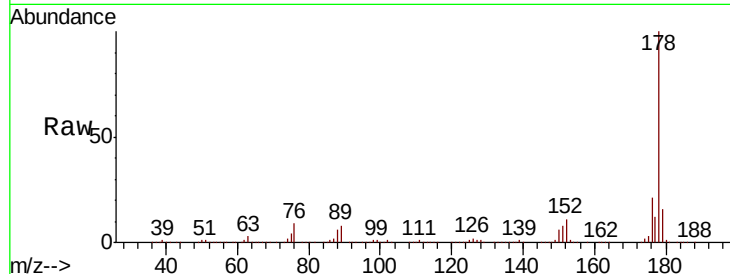




#71
Phenanthrene
Concen: 38.881 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

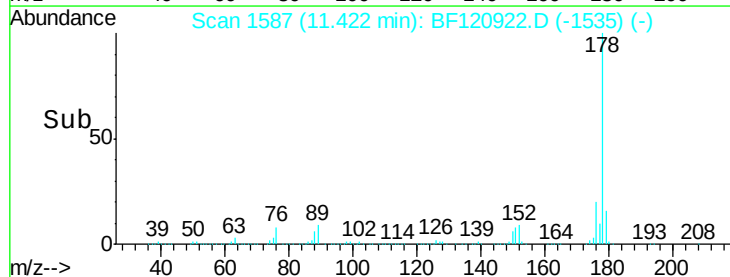
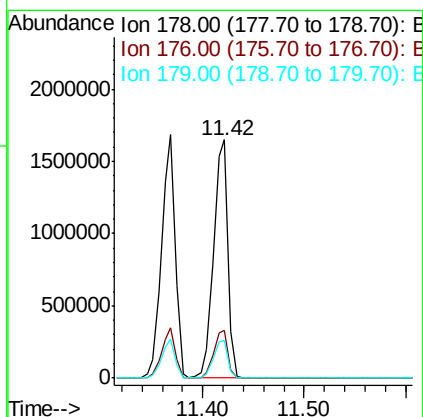
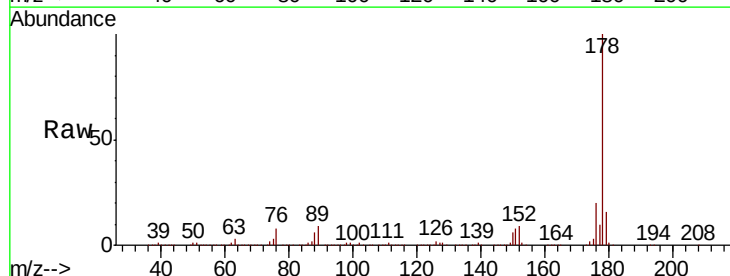
Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

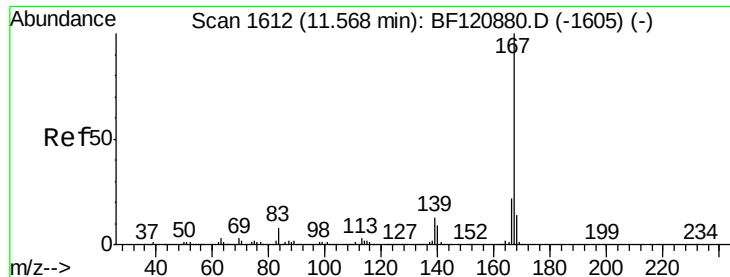
Tot Ion:178 Resp: 1577186
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.0 12.8 19.2



#72
Anthracene
Concen: 39.520 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion:178 Resp: 1609761
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 15.9 12.8 19.2

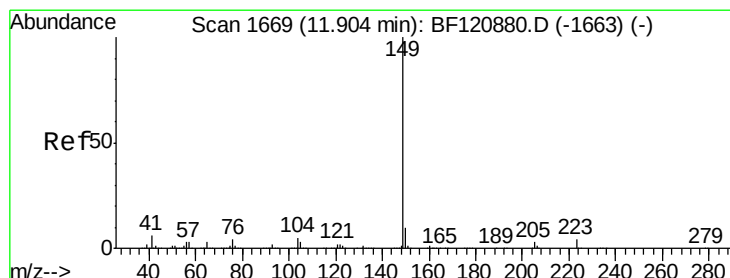
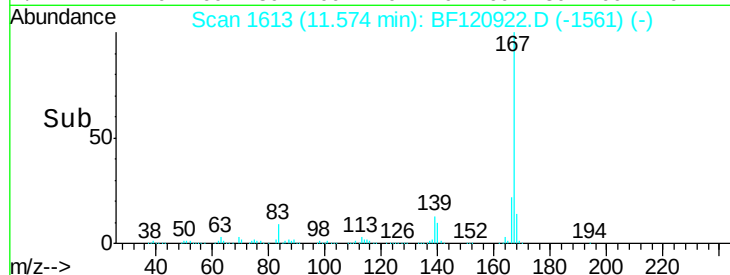
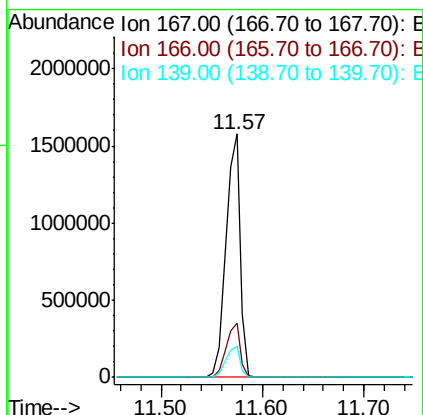
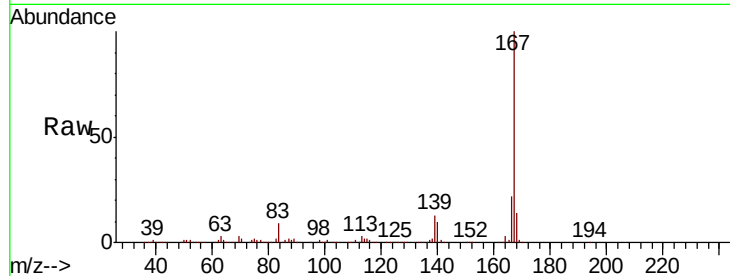




#73
 Carbazole
 Concen: 37.861 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

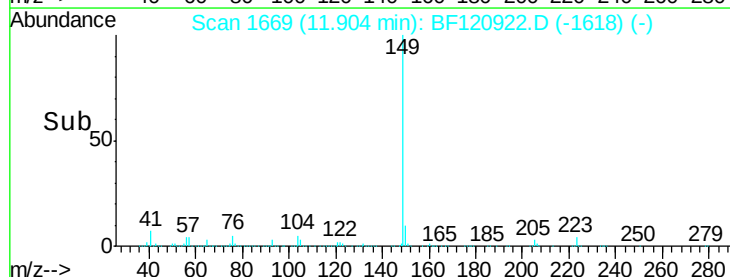
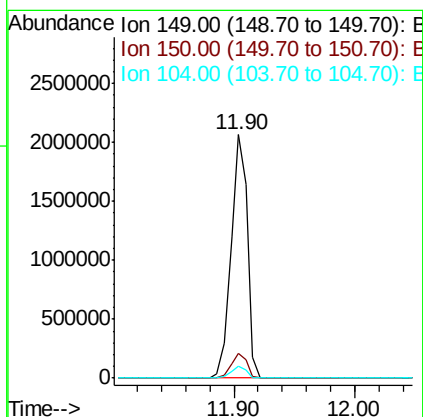
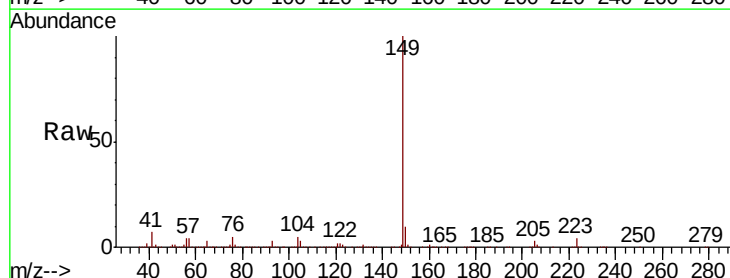
Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMSD

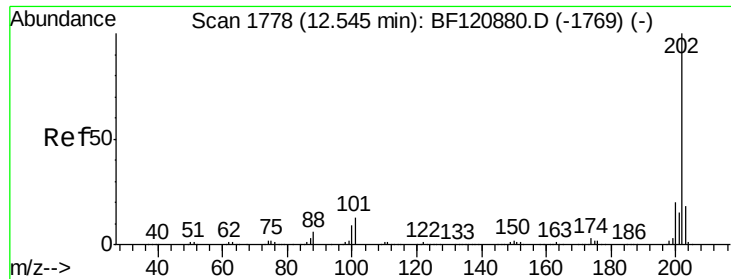
Tot Ion:167 Resp: 1530474
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 12.9 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 41.169 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Tgt Ion:149 Resp: 1920471
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.6
 104 5.1 3.8 5.6

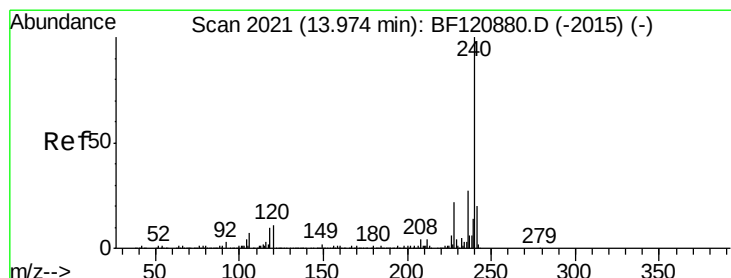
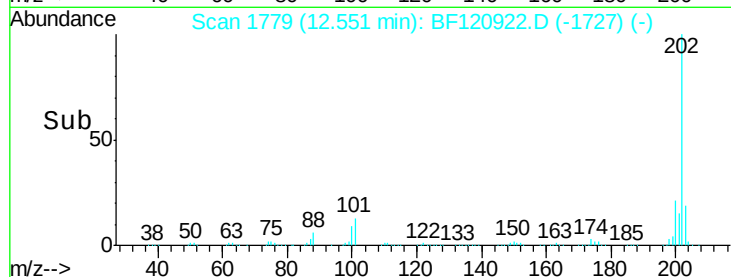
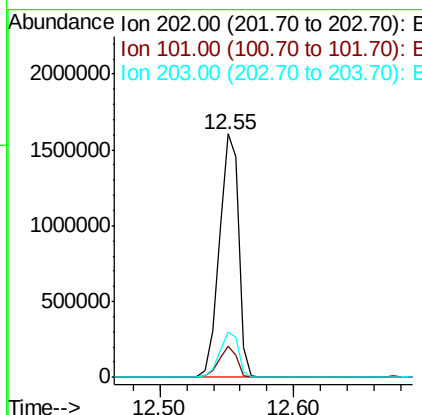
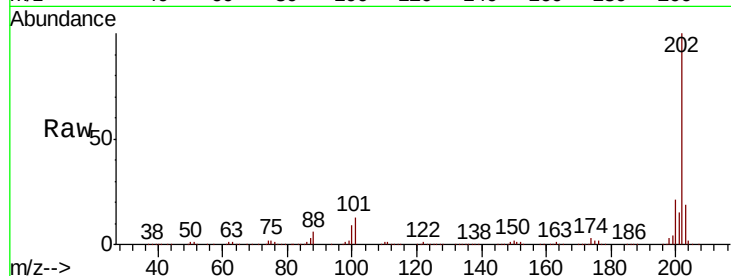




#75
Fluoranthene
Concen: 36.196 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

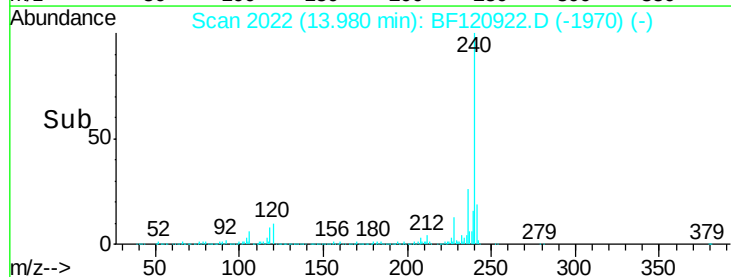
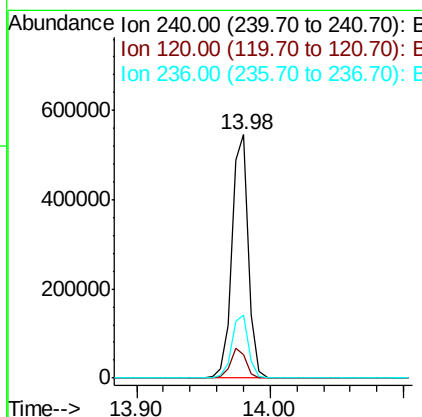
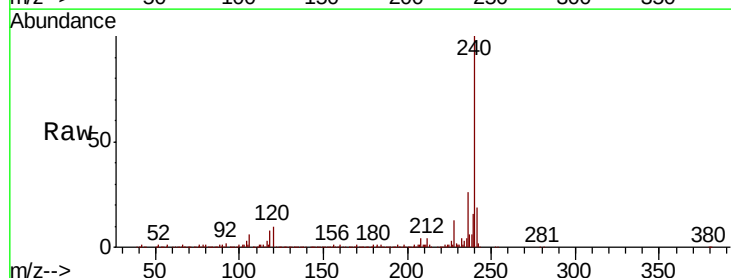
Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

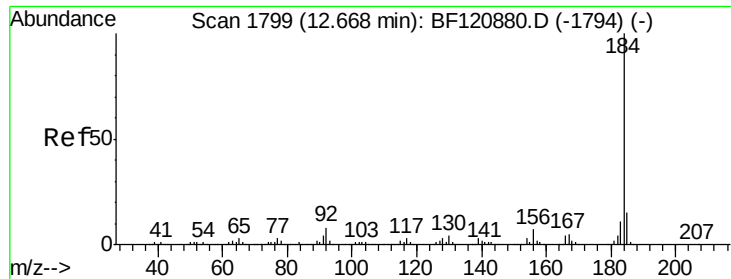
Tot Ion:202 Resp: 1627481
Ion Ratio Lower Upper
202 100
101 12.7 0.0 32.7
203 18.7 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion:240 Resp: 473046
Ion Ratio Lower Upper
240 100
120 9.6 9.0 13.4
236 26.2 21.7 32.5





#77

Benzidine

Concen: 87.081 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

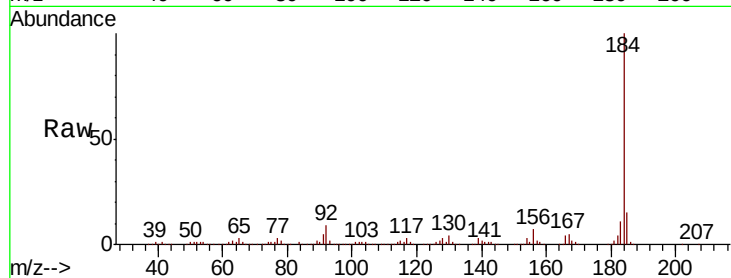
BNA_F

ClientSampleId :

TP-11-SMSD

Tot Ion:184 Resp: 1083052

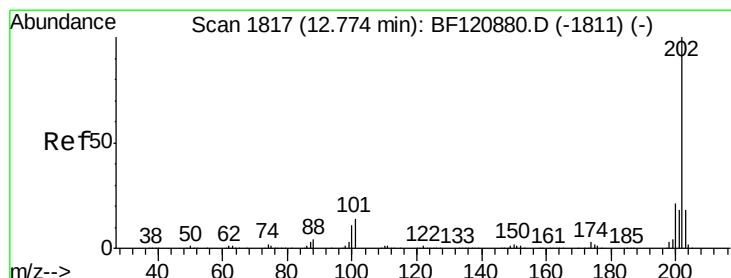
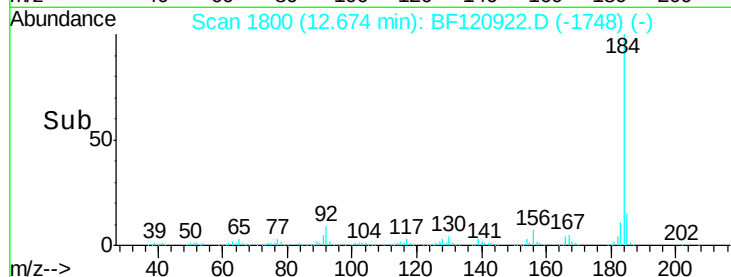
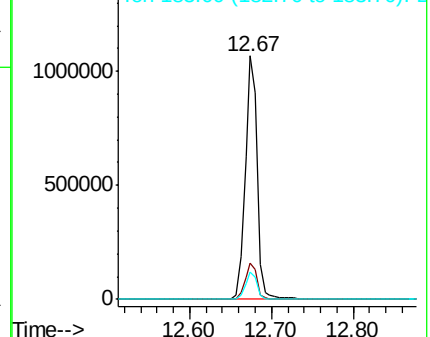
Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.2	18.2
183	11.3	8.5	12.7



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: 48.284 ng

RT: 12.78 min Scan# 1818

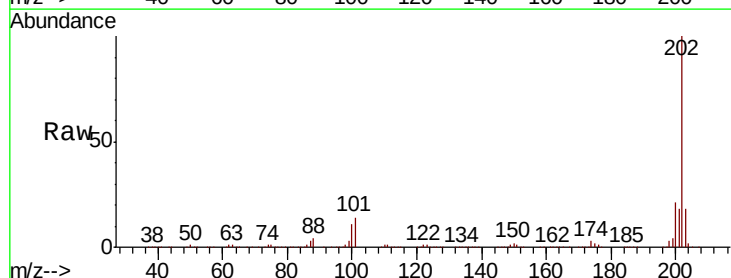
Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Tgt Ion:202 Resp: 1614851

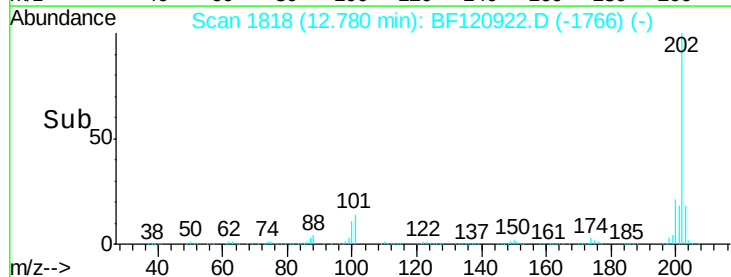
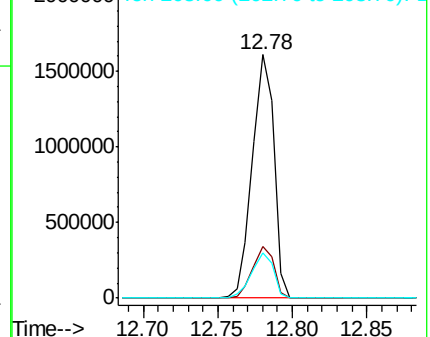
Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	18.4	14.4	21.6

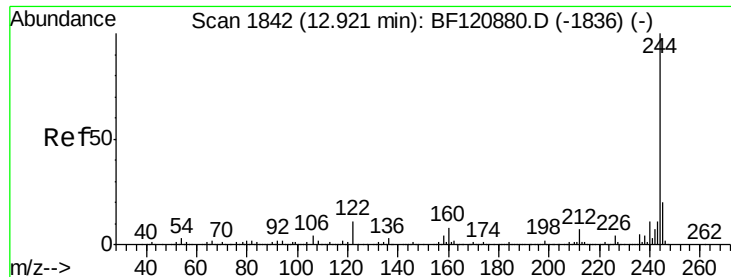


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 54.169 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

ClientSampleId :

TP-11-SMSD

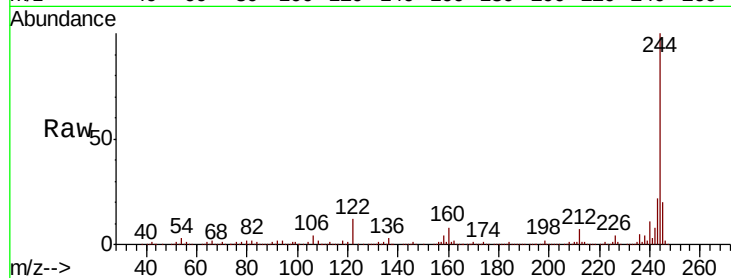
Tot Ion:244 Resp: 1178784

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

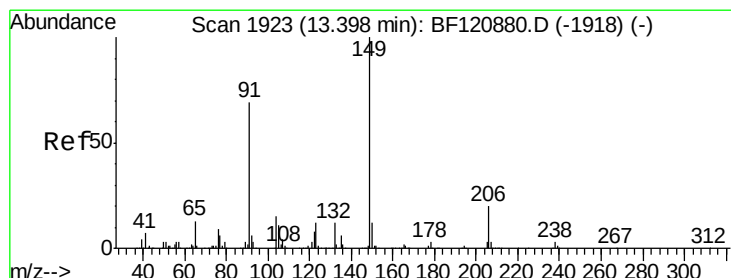
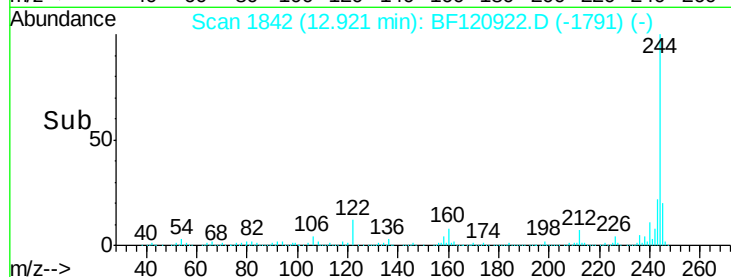
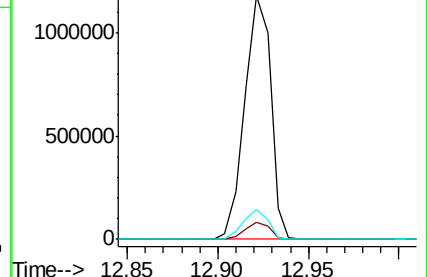
122 12.0 8.9 13.3



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: 51.861 ng

RT: 13.40 min Scan# 1924

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

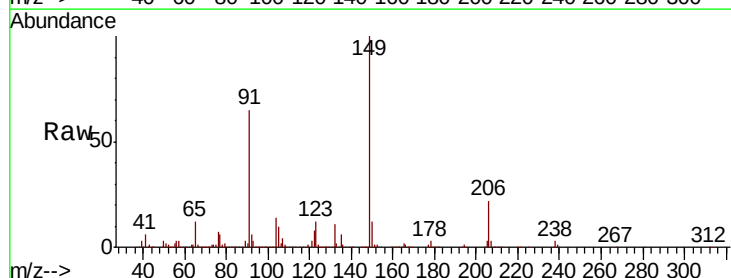
Tgt Ion:149 Resp: 773208

Ion Ratio Lower Upper

149 100

91 64.7 55.1 82.7

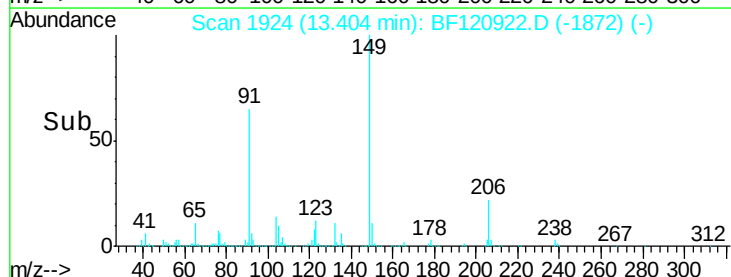
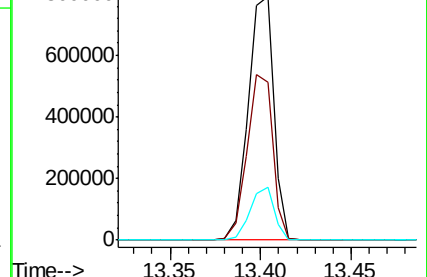
206 21.7 16.1 24.1

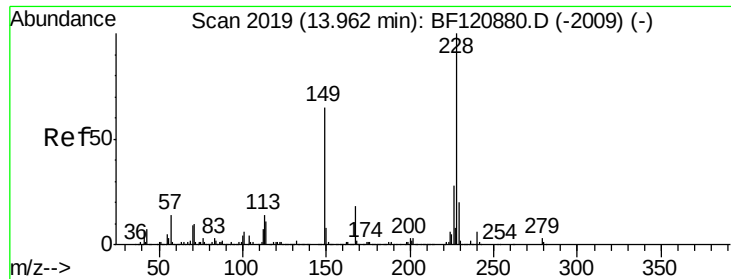


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.514 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

ClientSampleId :

TP-11-SMSD

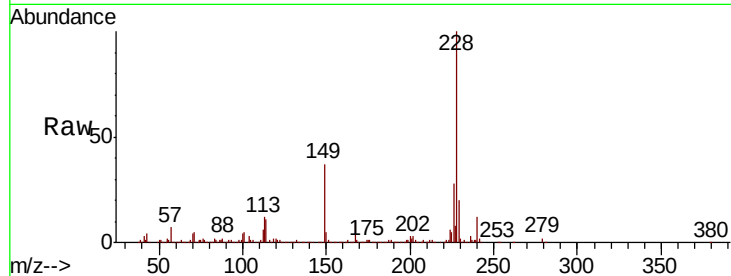
Tot Ion:228 Resp: 1103234

Ion Ratio Lower Upper

228 100

226 28.3 22.3 33.5

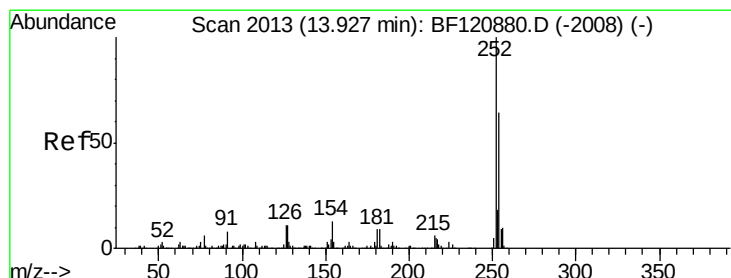
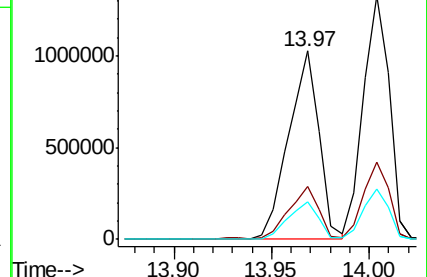
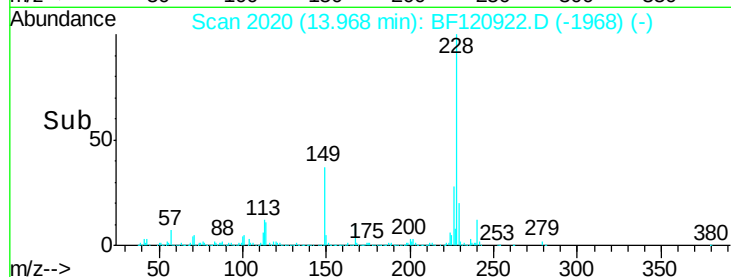
229 20.2 16.1 24.1



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: 44.281 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

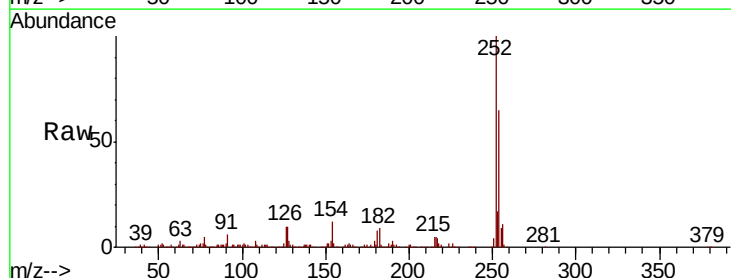
Tgt Ion:252 Resp: 478552

Ion Ratio Lower Upper

252 100

254 65.0 51.2 76.8

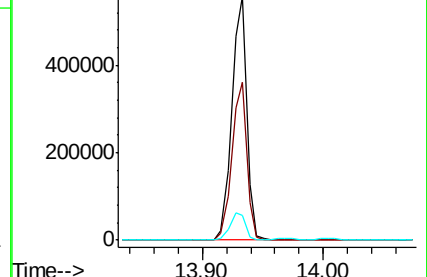
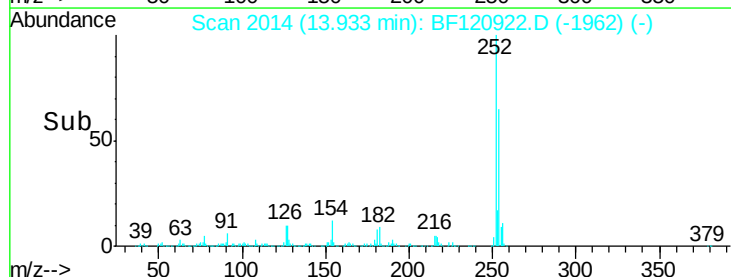
126 10.2 8.7 13.1

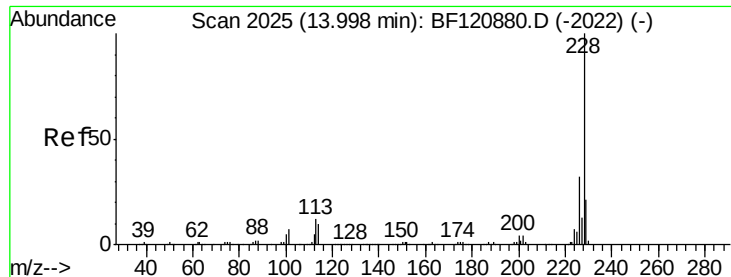


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.010 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

BNA_F

ClientSampleId :

TP-11-SMSD

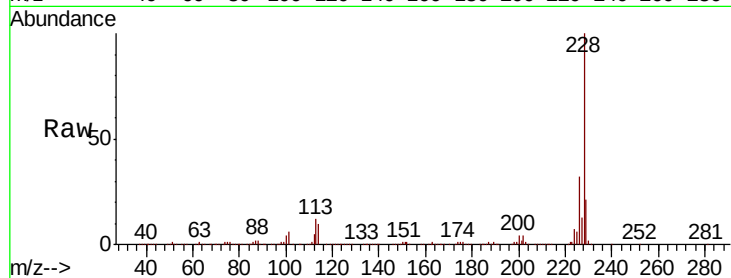
Tot Ion:228 Resp: 1234531

Ion Ratio Lower Upper

228 100

226 31.7 25.6 38.4

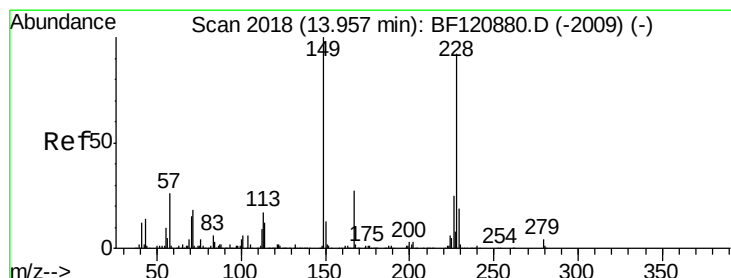
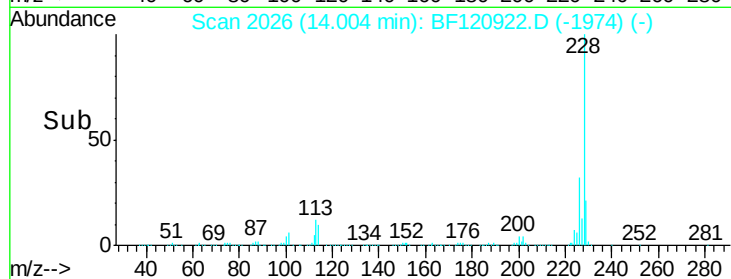
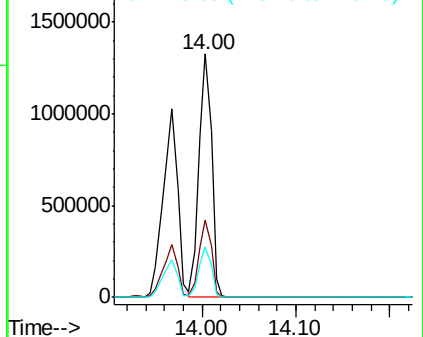
229 20.7 16.8 25.2



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: 51.064 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

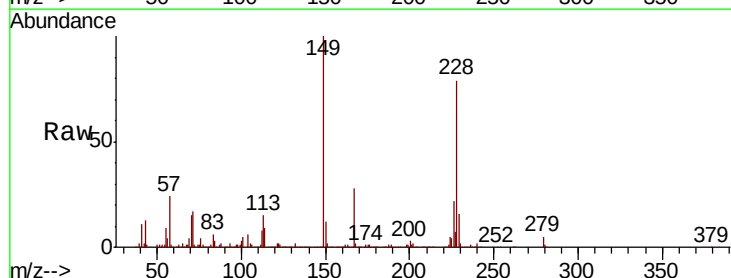
Tgt Ion:149 Resp: 938786

Ion Ratio Lower Upper

149 100

167 27.7 21.9 32.9

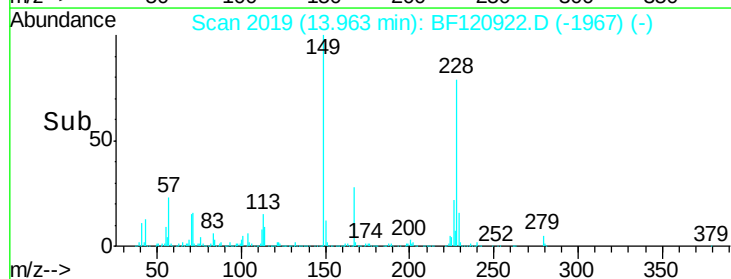
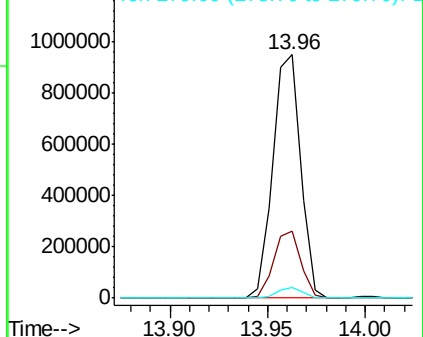
279 4.6 3.0 4.4#

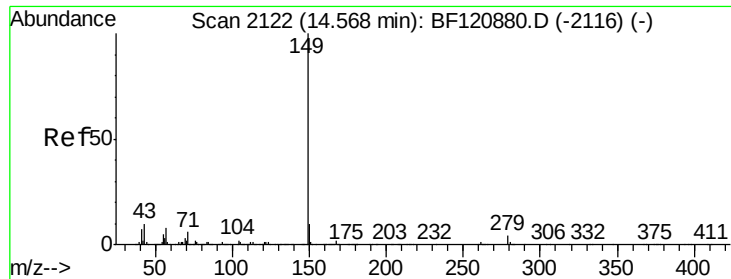


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

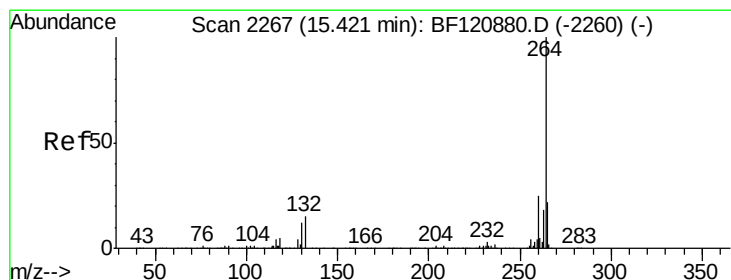
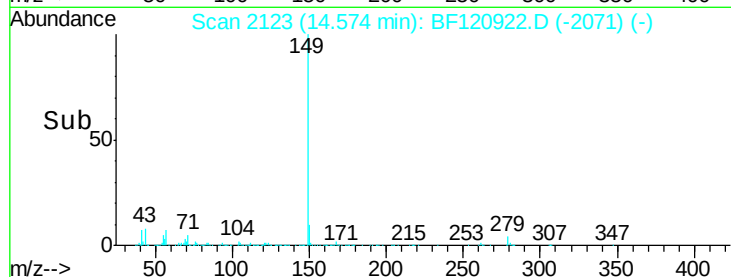
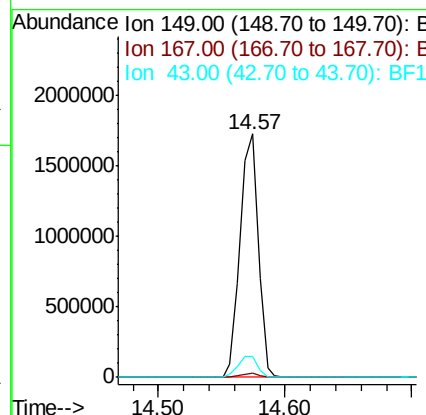
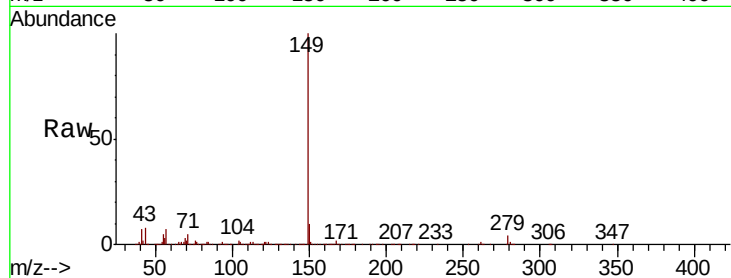




#85
Di-n-octyl phthalate
Concen: 46.620 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

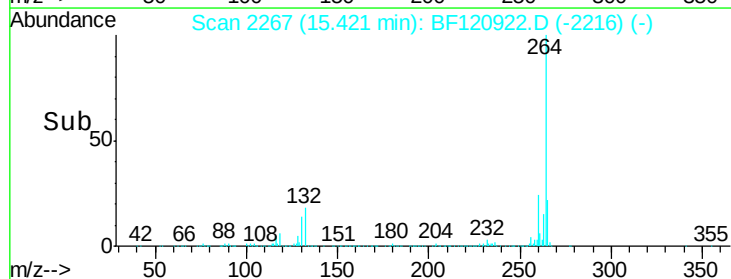
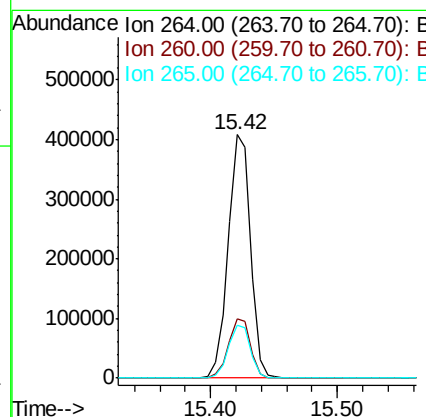
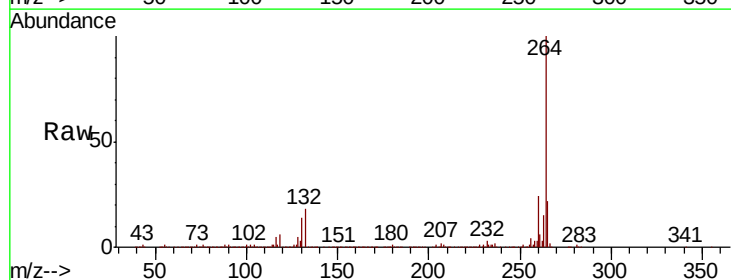
Instrument :
BNA_F
ClientSampleId :
TP-11-SMSD

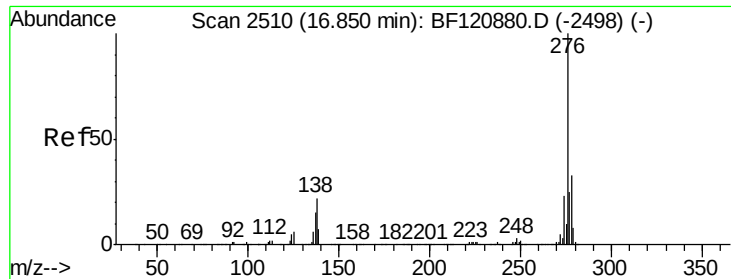
Tot Ion:149 Resp: 1705182
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.1 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion:264 Resp: 495040
Ion Ratio Lower Upper
264 100
260 24.5 20.0 30.0
265 21.6 17.4 26.2

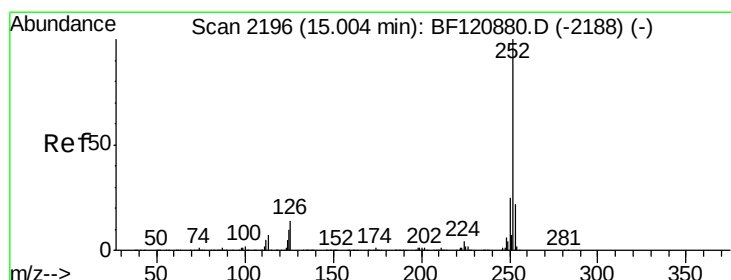
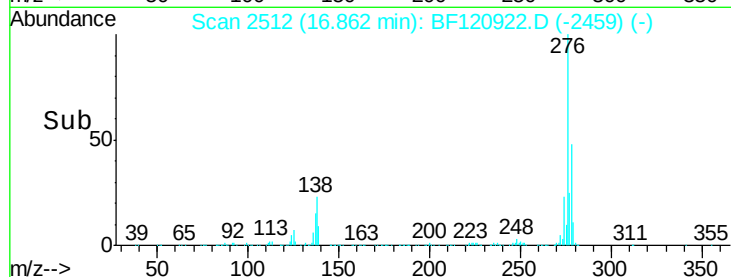
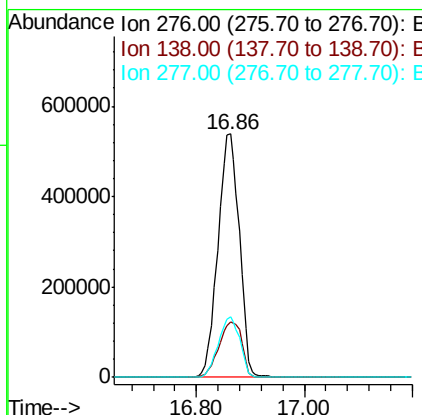
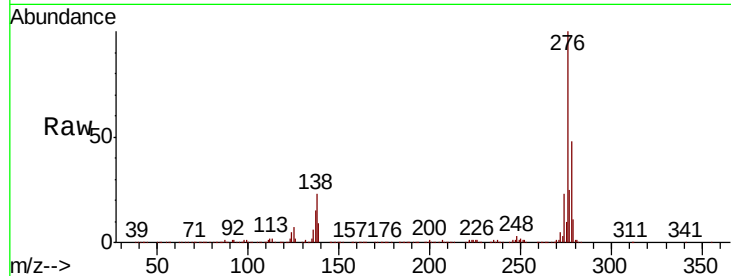




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.703 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

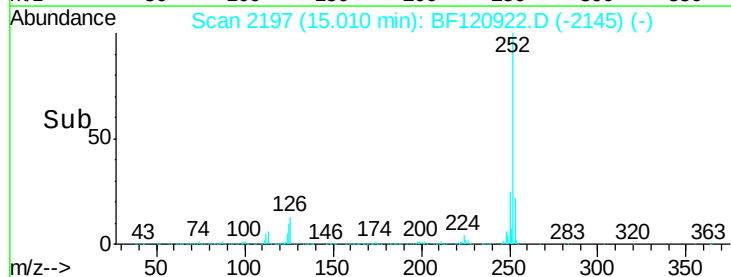
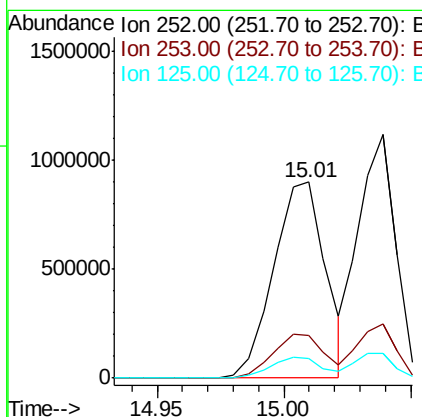
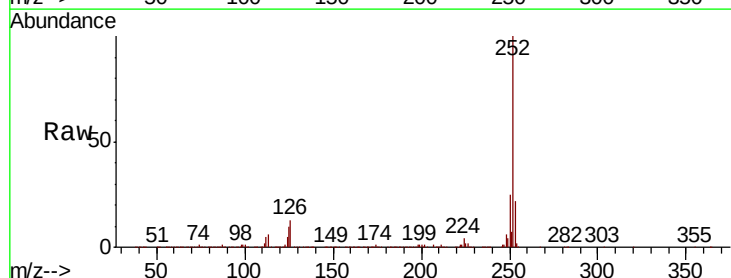
Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMSD

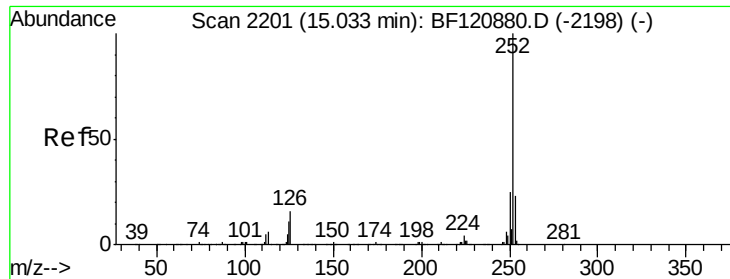
Tot Ion:276 Resp: 1504629
 Ion Ratio Lower Upper
 276 100
 138 24.6 19.8 29.8
 277 25.2 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 42.757 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF120922.D
 Acq: 17 Jul 2020 14:57

Tgt Ion:252 Resp: 1279436
 Ion Ratio Lower Upper
 252 100
 253 22.0 18.0 27.0
 125 9.9 8.3 12.5

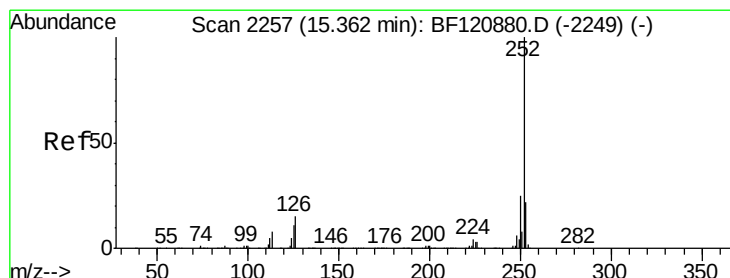
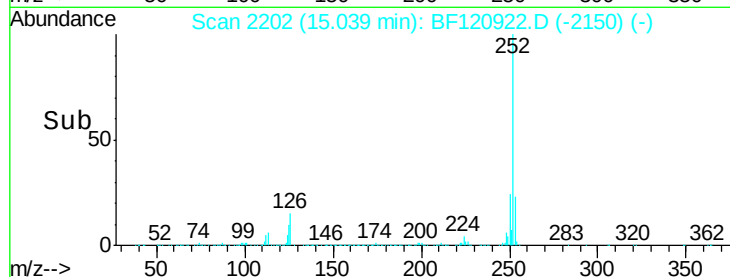
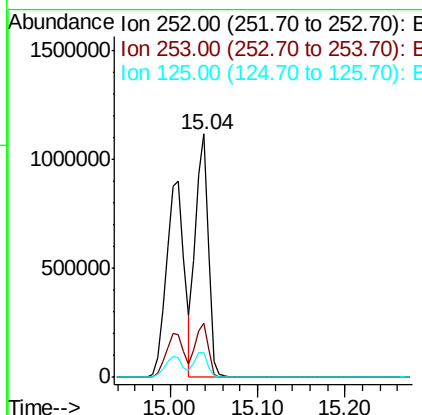
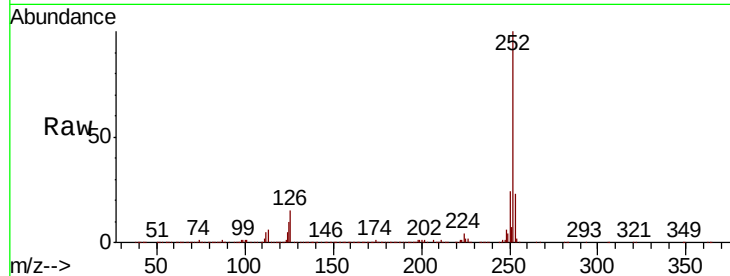




#89
Benzo(k)fluoranthene
Concen: 42.232 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

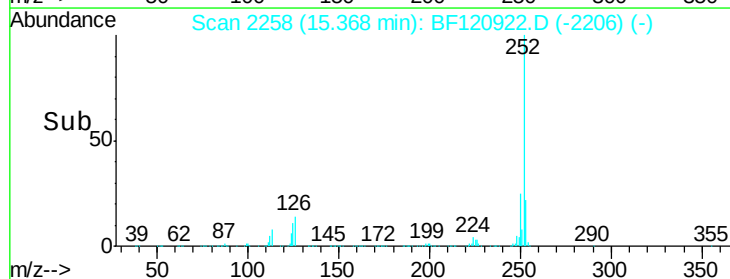
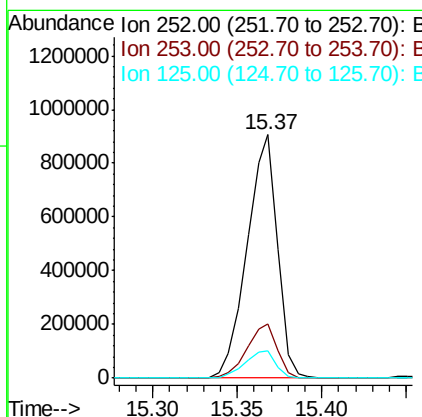
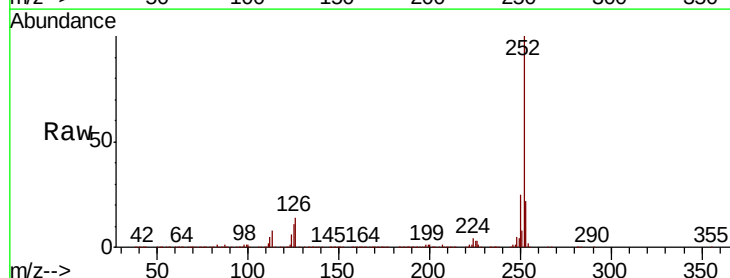
Instrument :
BNA_F
ClientSampled :
TP-11-SMSD

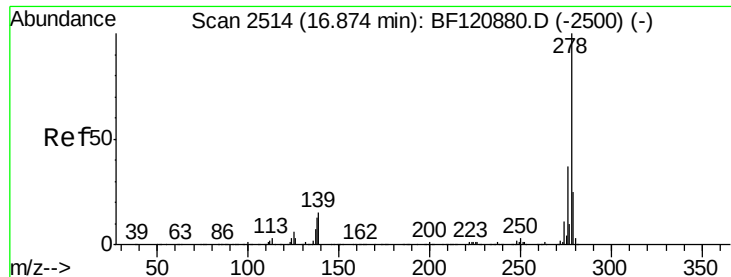
Tot Ion:252 Resp: 1152498
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 10.0 8.4 12.6



#90
Benzo(a)pyrene
Concen: 41.490 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF120922.D
Acq: 17 Jul 2020 14:57

Tgt Ion:252 Resp: 1132718
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 11.0 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 44.045 ng

RT: 16.88 min Scan# 2515

Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Instrument :

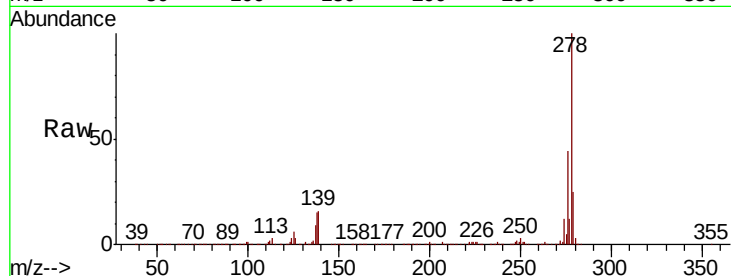
BNA_F

ClientSampleId :

TP-11-SMSD

Tot Ion:278 Resp: 1238664

Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.3	18.5
279	24.6	20.1	30.1

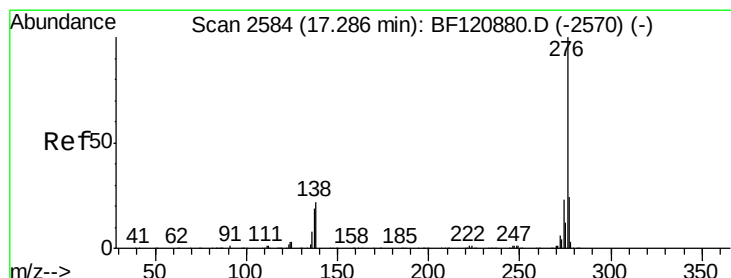
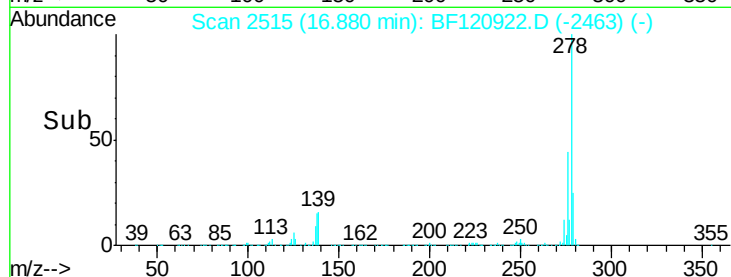
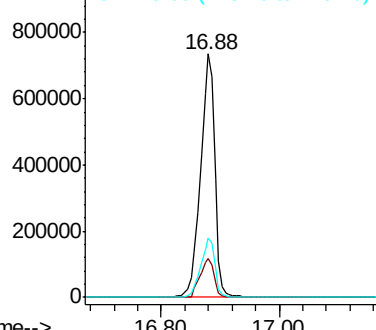


Abundance

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: 44.355 ng

RT: 17.30 min Scan# 2586

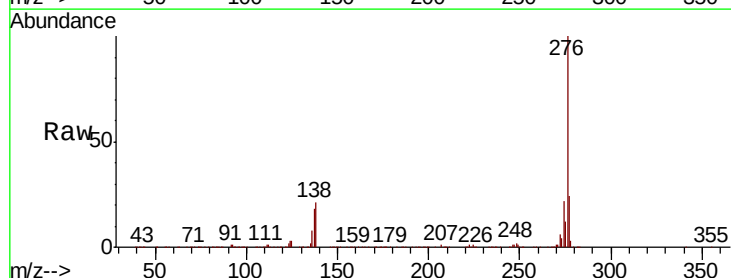
Delta R.T. 0.01 min

Lab File: BF120922.D

Acq: 17 Jul 2020 14:57

Tgt Ion:276 Resp: 1229922

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	21.3	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

