

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
 Data File : BF120950.D
 Acq On : 21 Jul 2020 11:05
 Operator : JU/CG
 Sample : PB130301BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BSD

Quant Time: Jul 21 12:17:52 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	193048	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	746652	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	385576	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	728252	20.00	ng	0.00
76) Chrysene-d12	13.98	240	550474	20.00	ng	0.00
86) Perylene-d12	15.42	264	558355	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1405116	119.32	ng	0.02
7) Phenol-d6	6.46	99	1748178	114.93	ng	0.01
23) Nitrobenzene-d5	7.38	82	1129605	87.54	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	525875	124.60	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2011159	77.88	ng	0.00
79) Terphenyl-d14	12.93	244	2178559	86.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	214539	39.586	ng	99
3) Pyridine	3.37	79	588083	40.790	ng	99
4) n-Nitrosodimethylamine	3.32	42	267380	43.371	ng	95
6) Aniline	6.48	93	728452	36.687	ng	98
8) 2-Chlorophenol	6.60	128	589499	45.442	ng	97
9) Benzaldehyde	6.36	77	248887	31.972	ng	100
10) Phenol	6.47	94	675456	40.367	ng	85
11) bis(2-Chloroethyl)ether	6.55	93	551386	42.997	ng	98
12) 1,3-Dichlorobenzene	6.76	146	586753	41.712	ng	99
13) 1,4-Dichlorobenzene	6.83	146	587657	42.013	ng	100
14) 1,2-Dichlorobenzene	6.99	146	545988	41.260	ng	99
15) Benzyl Alcohol	6.96	79	430249	39.996	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	770054	41.661	ng	100
17) 2-Methylphenol	7.07	107	462670	40.239	ng	98
18) Hexachloroethane	7.33	117	223032	44.054	ng	96
19) n-Nitroso-di-n-propylamine	7.24	70	362719	41.934	ng	99
20) 3+4-Methylphenols	7.23	107	512430	35.034	ng	92
22) Acetophenone	7.23	105	700810	41.822	ng	# 92
24) Nitrobenzene	7.40	77	581833	41.835	ng	98
25) Isophorone	7.65	82	1073052	41.667	ng	100
26) 2-Nitrophenol	7.72	139	310063	46.942	ng	99
27) 2,4-Dimethylphenol	7.76	122	475683	44.356	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	686221	43.652	ng	99
29) 2,4-Dichlorophenol	7.96	162	481555	43.943	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	517497	42.563	ng	100
31) Naphthalene	8.12	128	1579928	41.252	ng	99
32) Benzoic acid	7.89	122	350945	43.594	ng	98
33) 4-Chloroaniline	8.17	127	595417	34.850	ng	100
34) Hexachlorobutadiene	8.24	225	299670	41.810	ng	99
35) Caprolactam	8.55	113	114210	32.499	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	499154	44.412	ng	99
37) 2-Methylnaphthalene	8.82	142	1081654	43.495	ng	99
38) 1-Methylnaphthalene	8.92	142	1025798	43.553	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	461296	41.062	ng	99

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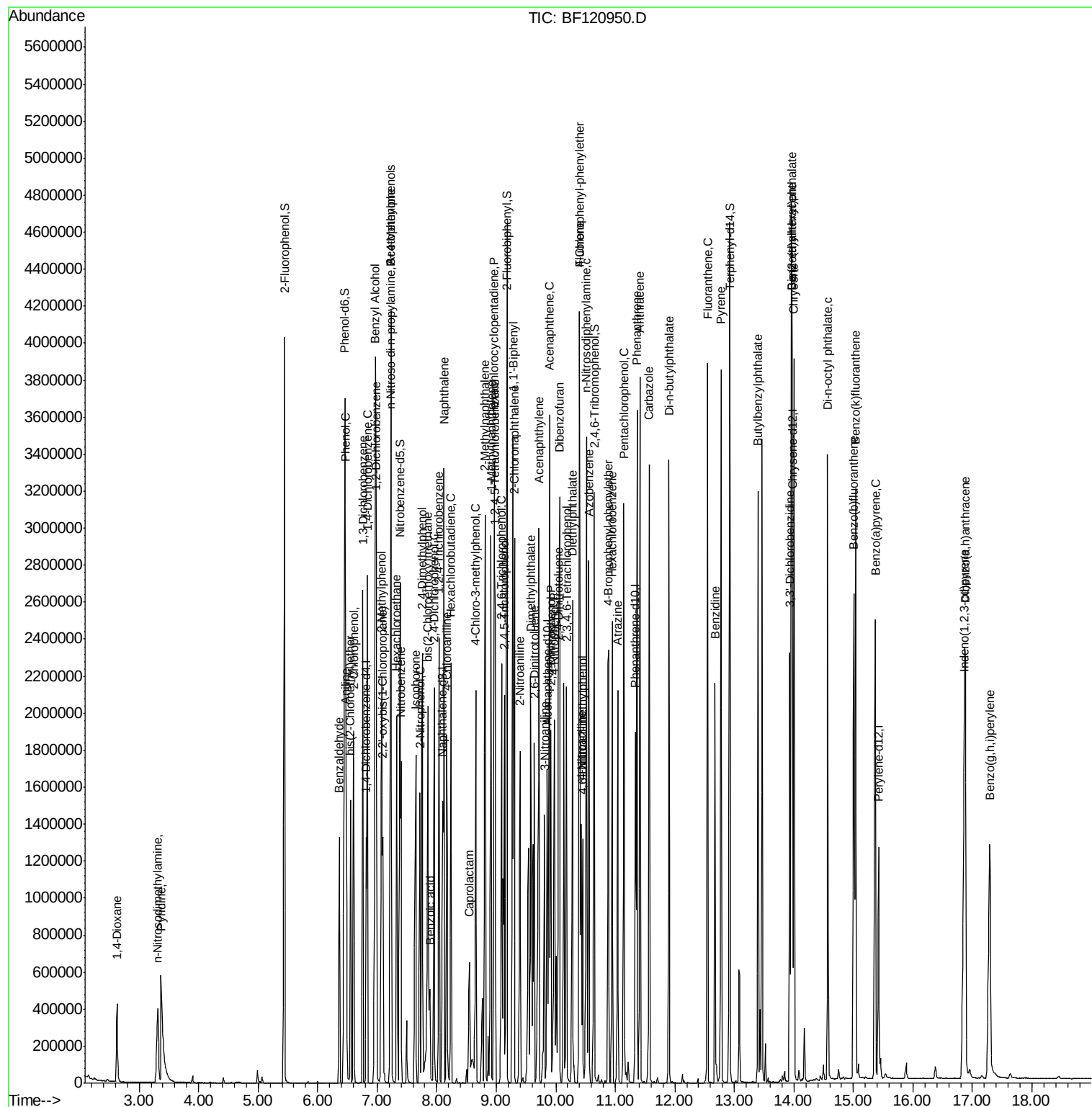
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	516526	83.192	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	363475	45.953	ng	98
44) 2,4,5-Trichlorophenol	9.13	196	364648	40.642	ng	98
46) 1,1'-Biphenyl	9.28	154	1254472	42.652	ng	99
47) 2-Chloronaphthalene	9.30	162	996842	41.571	ng	98
48) 2-Nitroaniline	9.40	65	313857	43.310	ng	98
49) Acenaphthylene	9.72	152	1558477	41.835	ng	99
50) Dimethylphthalate	9.58	163	1195244	42.968	ng	98
51) 2,6-Dinitrotoluene	9.64	165	271475	45.426	ng	97
52) Acenaphthene	9.89	154	995186	42.019	ng	99
53) 3-Nitroaniline	9.81	138	256587	34.233	ng	99
54) 2,4-Dinitrophenol	9.92	184	289182	83.719	ng	89
55) Dibenzofuran	10.06	168	1399859	40.872	ng	99
56) 4-Nitrophenol	9.98	139	481244	84.524	ng	95
57) 2,4-Dinitrotoluene	10.05	165	357020	45.492	ng	95
58) Fluorene	10.40	166	1025227	40.135	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	316755	46.368	ng	98
60) Diethylphthalate	10.28	149	1197920	42.576	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	503094	36.925	ng	99
62) 4-Nitroaniline	10.43	138	296696	40.637	ng	98
63) Azobenzene	10.56	77	1122705	41.914	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	192170	45.786	ng	92
66) n-Nitrosodiphenylamine	10.52	169	997265	43.531	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	344918	42.481	ng	92
68) Hexachlorobenzene	10.95	284	385350	43.874	ng	# 92
69) Atrazine	11.05	200	282006	49.704	ng	100
70) Pentachlorophenol	11.15	266	432368	85.929	ng	100
71) Phenanthrene	11.36	178	1556966	41.570	ng	99
72) Anthracene	11.42	178	1608494	42.768	ng	99
73) Carbazole	11.57	167	1524297	40.840	ng	99
74) Di-n-butylphthalate	11.90	149	1783682	41.412	ng	100
75) Fluoranthene	12.55	202	1720468	41.442	ng	98
77) Benzidine	12.67	184	853223	58.953	ng	99
78) Pyrene	12.78	202	1745319	44.845	ng	100
80) Butylbenzylphthalate	13.40	149	790604	45.569	ng	100
81) Benzo(a)anthracene	13.97	228	1380562	41.416	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	544168	43.271	ng	99
83) Chrysene	14.00	228	1457820	41.616	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	918622	42.939	ng	100
85) Di-n-octyl phthalate	14.57	149	1817661	42.705	ng	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1590392	40.956	ng	99
88) Benzo(b)fluoranthene	15.01	252	1577866	46.751	ng	100
89) Benzo(k)fluoranthene	15.04	252	1386694	45.051	ng	99
90) Benzo(a)pyrene	15.37	252	1367155	44.399	ng	100
91) Dibenzo(a,h)anthracene	16.88	278	1316818	41.514	ng	99
92) Benzo(g,h,i)perylene	17.29	276	1280680	40.949	ng	99

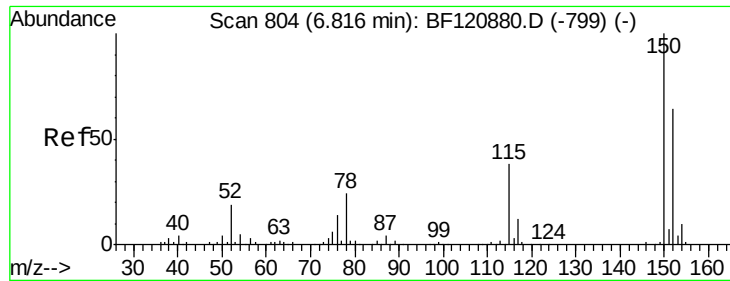
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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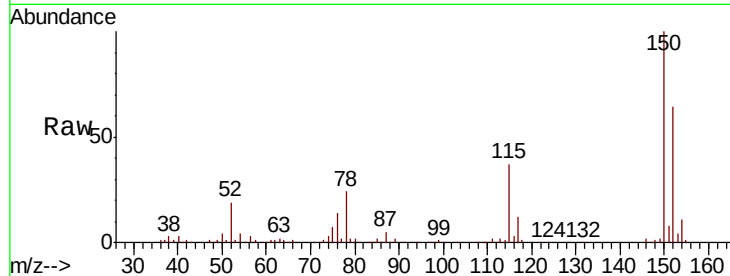


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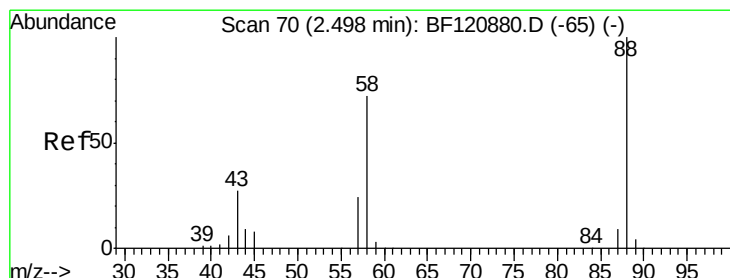
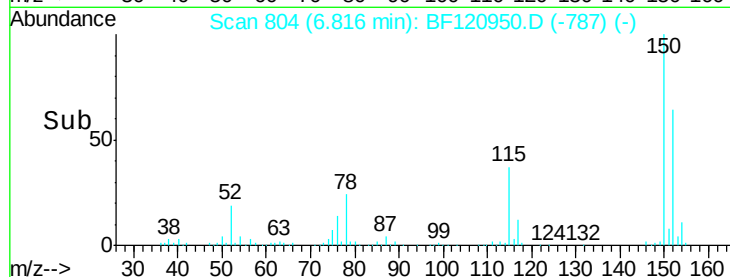
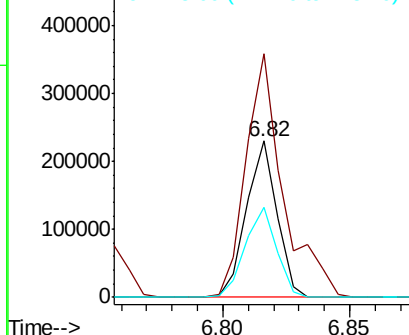
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion:152 Resp: 193048
Ion Ratio Lower Upper
152 100
150 155.8 125.0 187.6
115 57.9 47.0 70.4



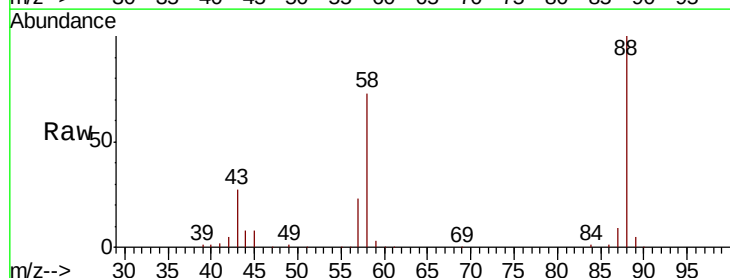
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



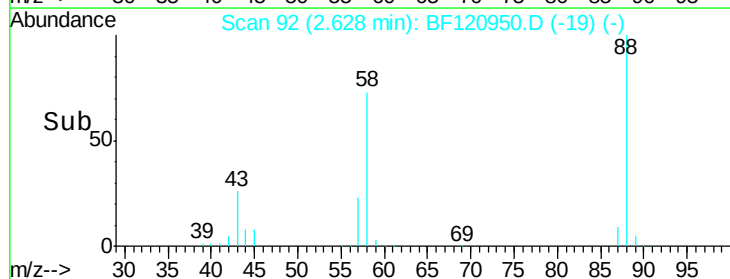
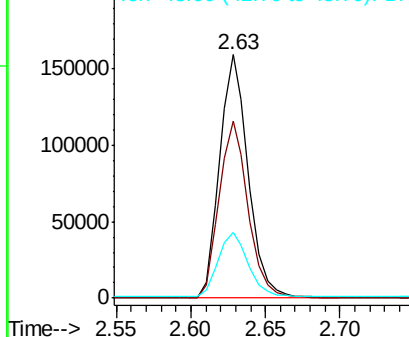
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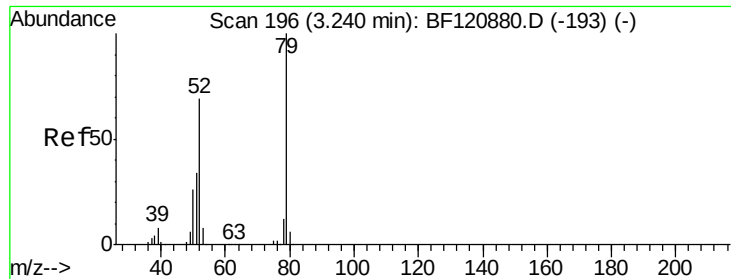
1,4-Dioxane
Concen: 39.586 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.13 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion: 88 Resp: 214539
Ion Ratio Lower Upper
88 100
58 73.8 58.2 87.2
43 28.0 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



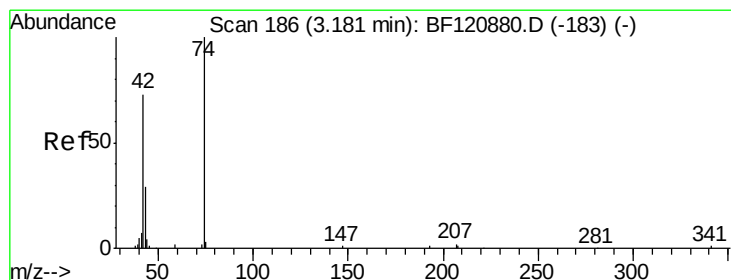
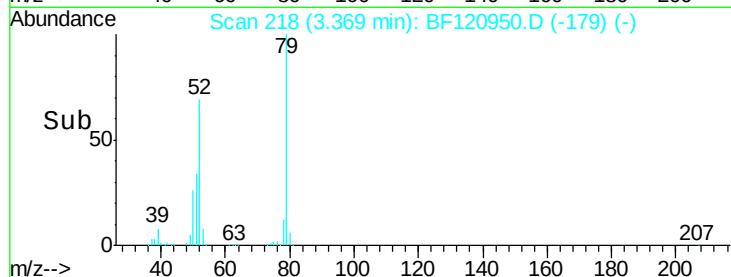
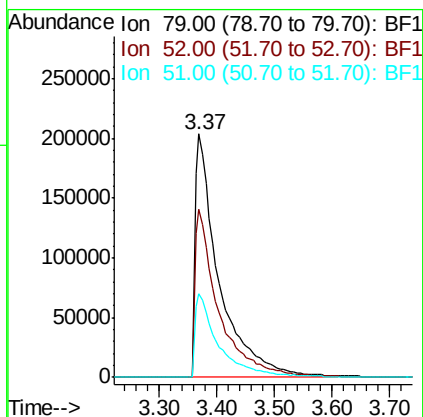
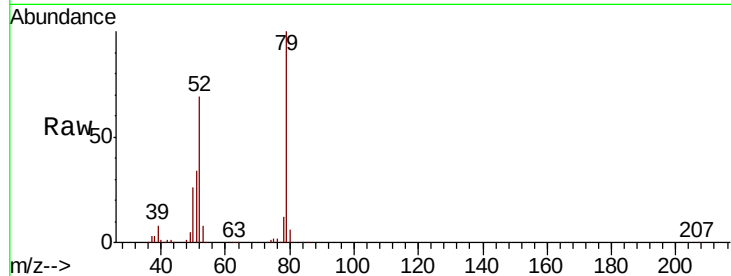


#3
 Pvridine
 Concen: 40.790 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.13 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BSD

Tot Ion: 79 Resp: 588083

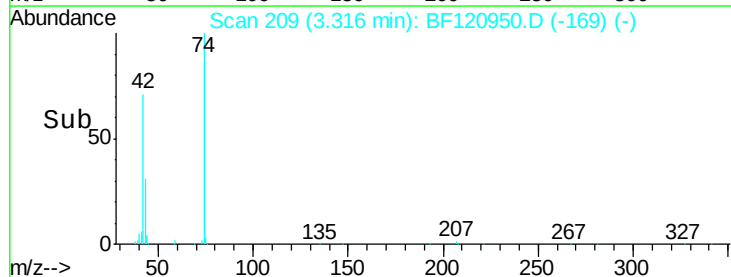
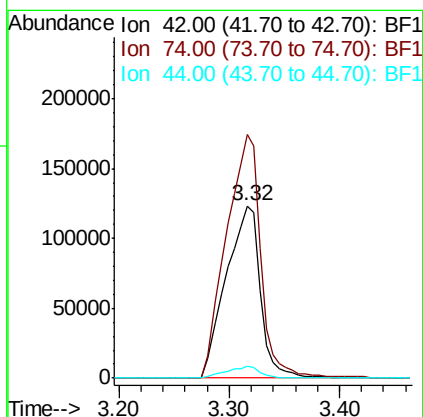
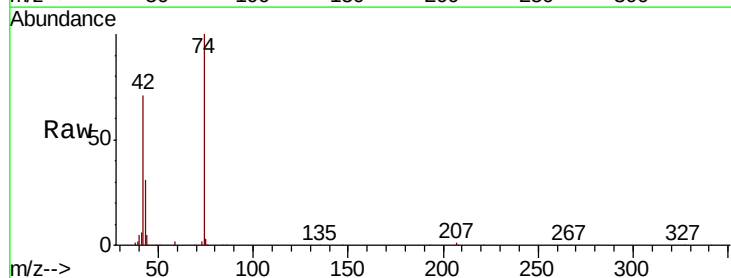
Ion	Ratio	Lower	Upper
79	100		
52	69.1	55.0	82.6
51	34.1	26.9	40.3

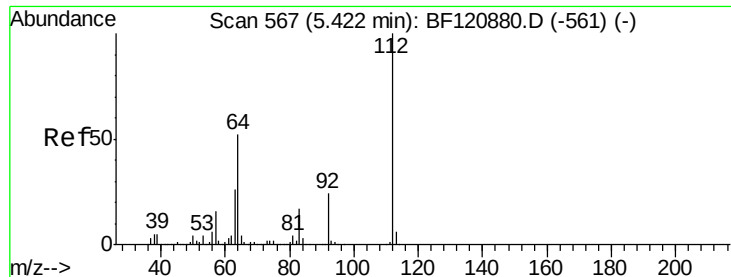


#4
 n-Nitrosodimethylamine
 Concen: 43.371 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.14 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Tgt Ion: 42 Resp: 267380

Ion	Ratio	Lower	Upper
42	100		
74	141.6	108.7	163.1
44	6.6	5.2	7.8





#5

2-Fluorophenol

Concen: 119.322 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.02 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

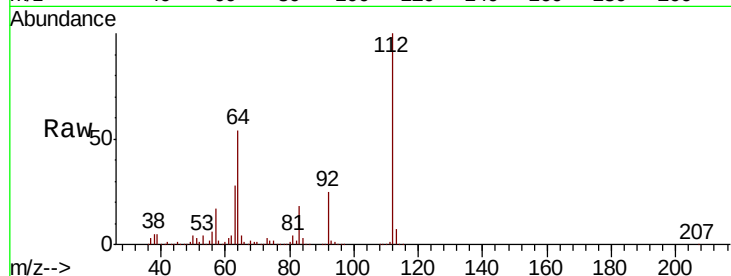
Tot Ion:112 Resp: 1405116

Ion Ratio Lower Upper

112 100

64 54.4 41.3 61.9

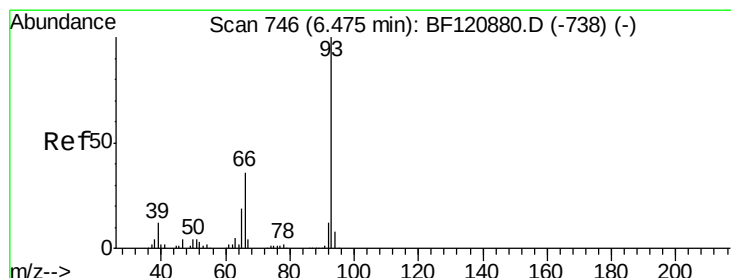
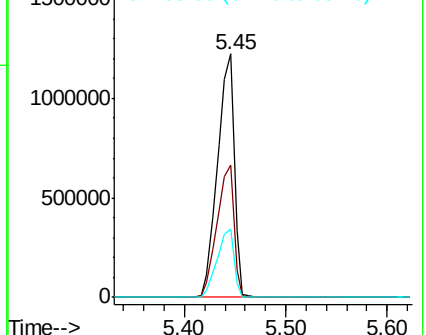
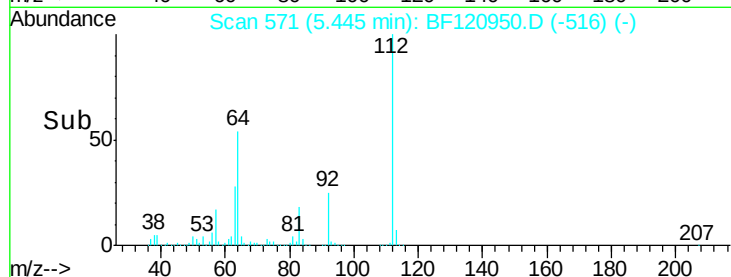
63 27.9 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.687 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

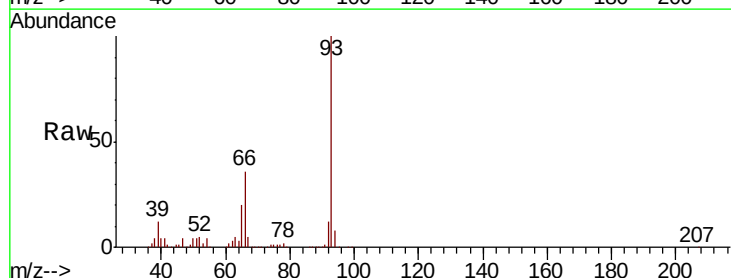
Tgt Ion: 93 Resp: 728452

Ion Ratio Lower Upper

93 100

66 36.3 30.2 45.4

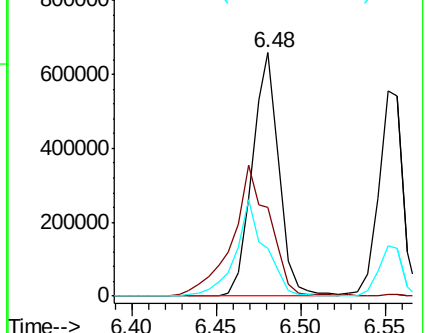
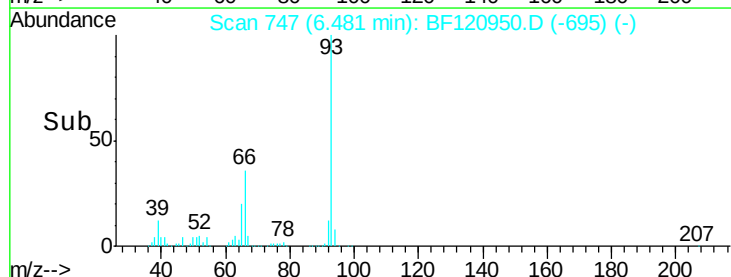
65 19.5 15.8 23.6

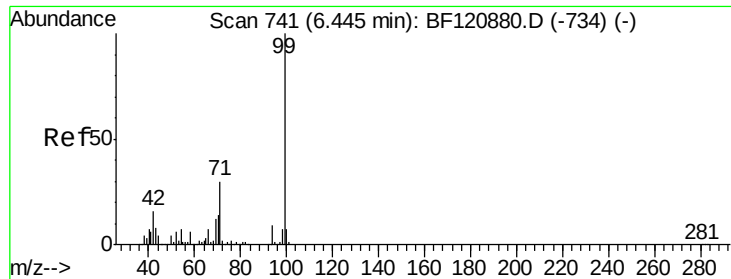


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.926 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF120950.D

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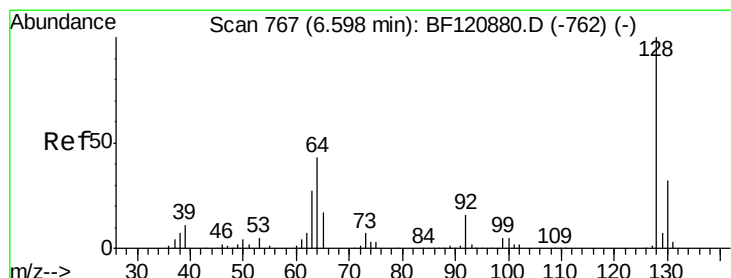
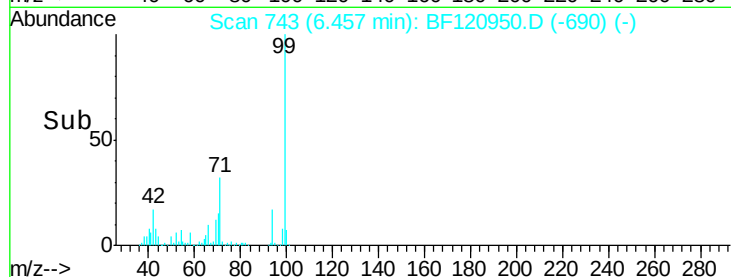
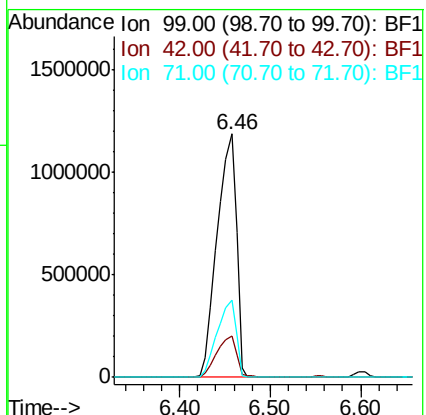
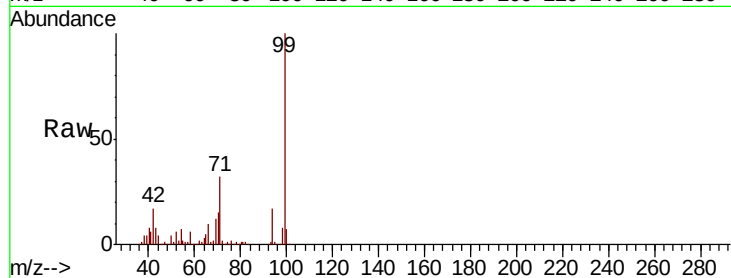
Tot Ion: 99 Resp: 1748178

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

71 31.5 24.2 36.4



#8

2-Chlorophenol

Concen: 45.442 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

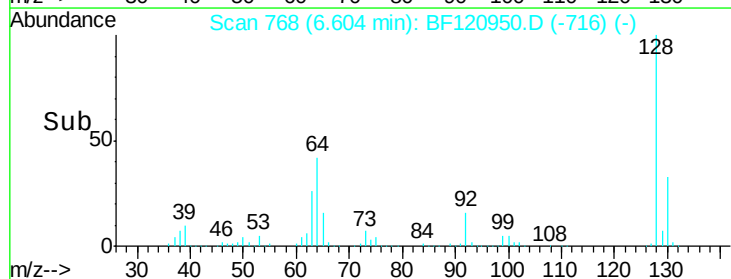
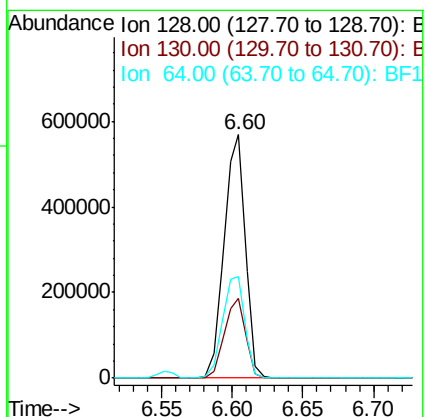
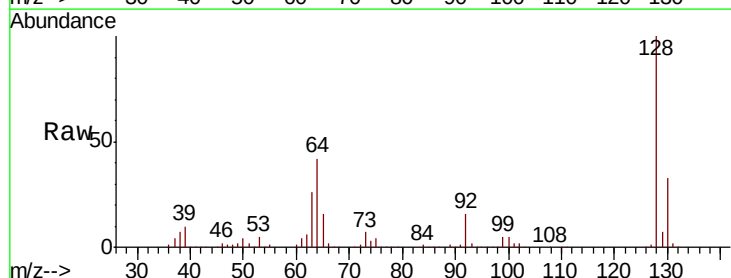
Tgt Ion: 128 Resp: 589499

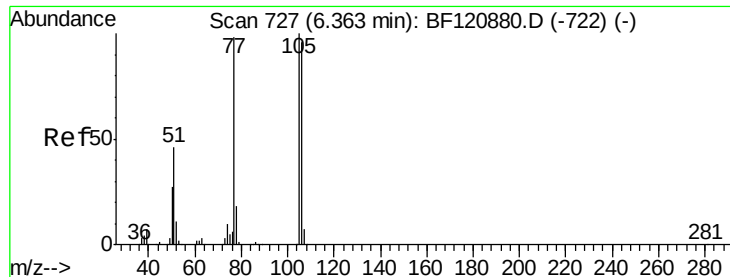
Ion Ratio Lower Upper

128 100

130 32.8 12.1 52.1

64 41.7 24.0 64.0





#9

Benzaldehyde

Concen: 31.972 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120950.D

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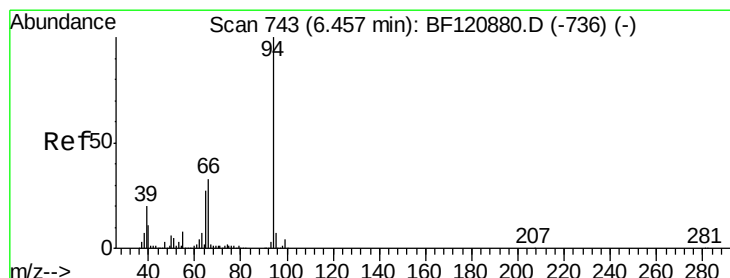
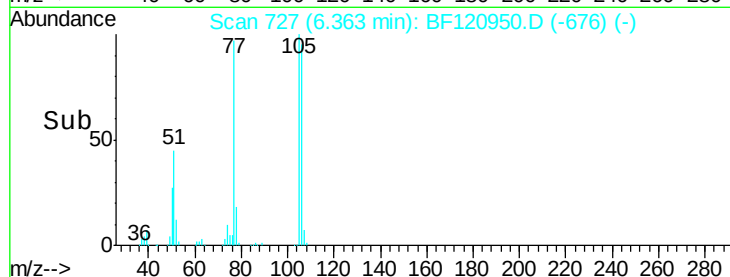
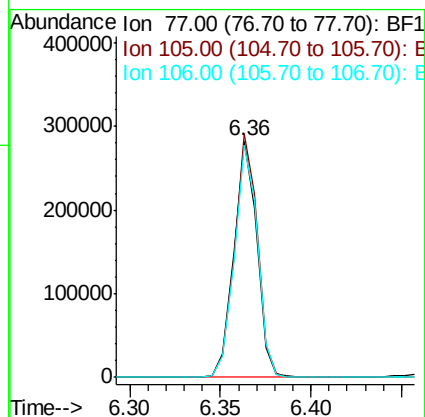
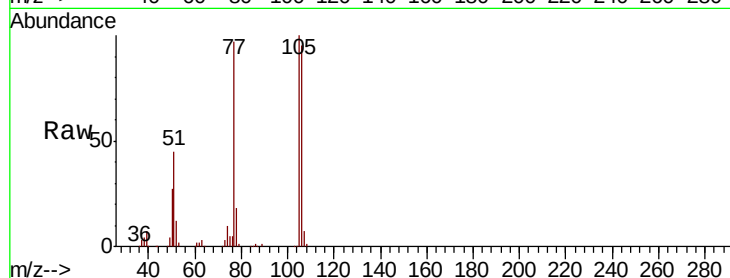
Tot Ion: 77 Resp: 248887

Ion Ratio Lower Upper

77 100

105 103.2 82.5 122.5

106 98.5 78.7 118.7



#10

Phenol

Concen: 40.367 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF120950.D

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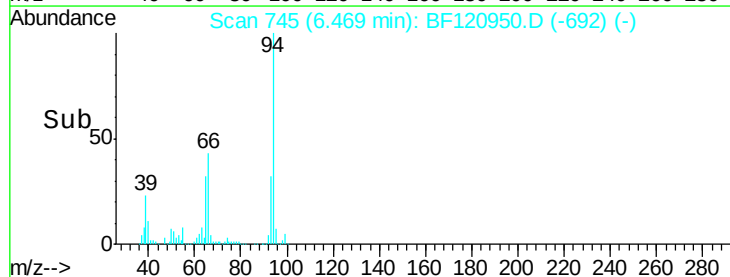
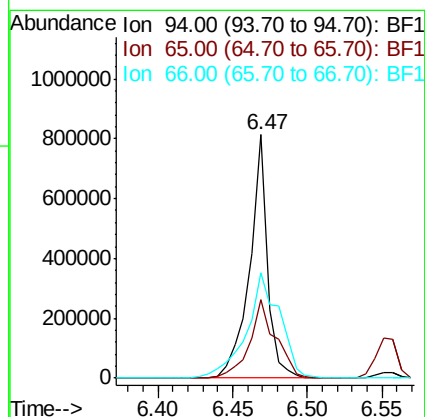
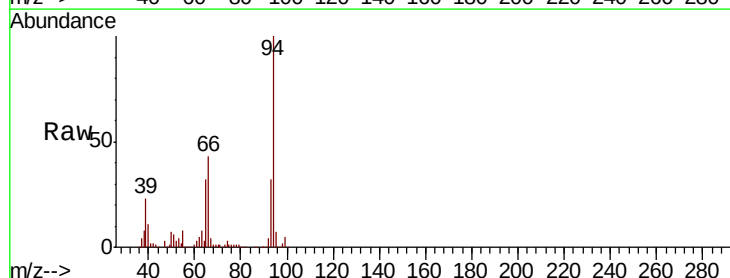
Tgt Ion: 94 Resp: 675456

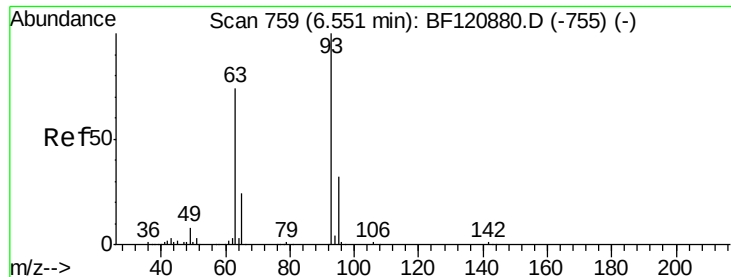
Ion Ratio Lower Upper

94 100

65 32.1 6.6 46.6

66 43.4 13.2 53.2

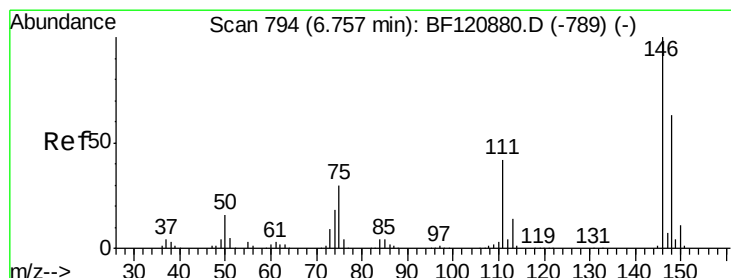
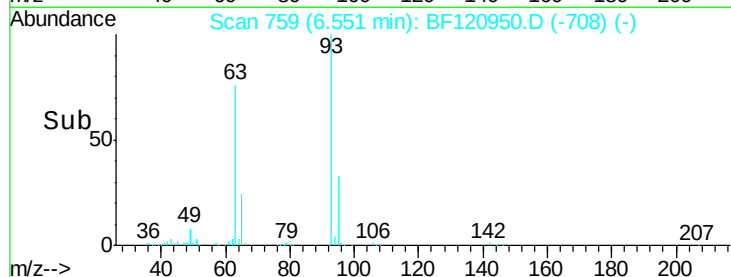
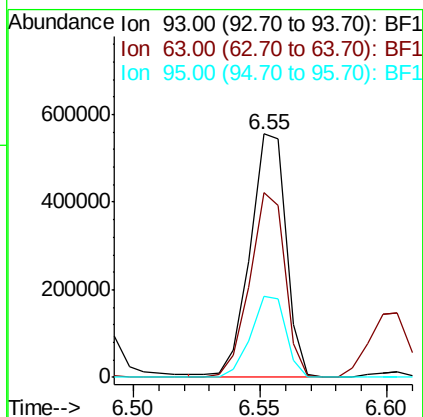
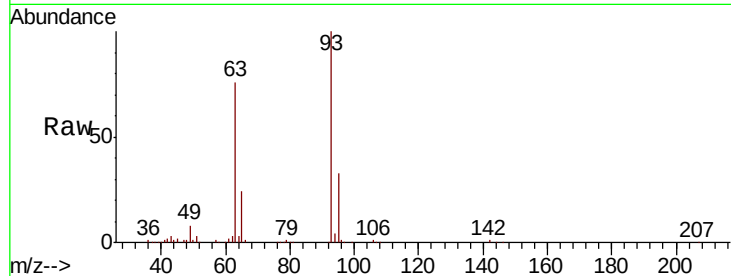




#11
bis(2-Chloroethyl)ether
Concen: 42.997 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

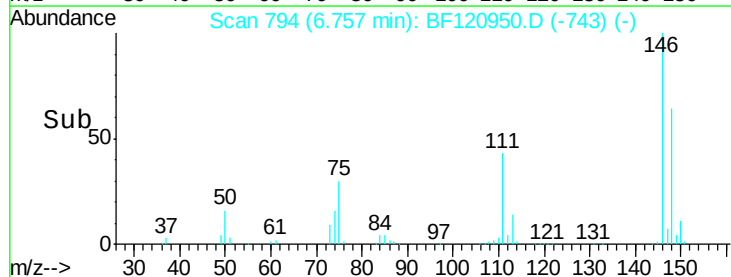
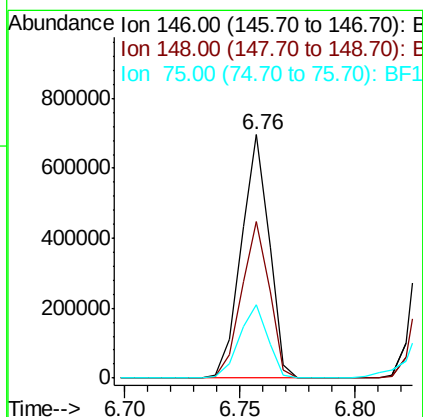
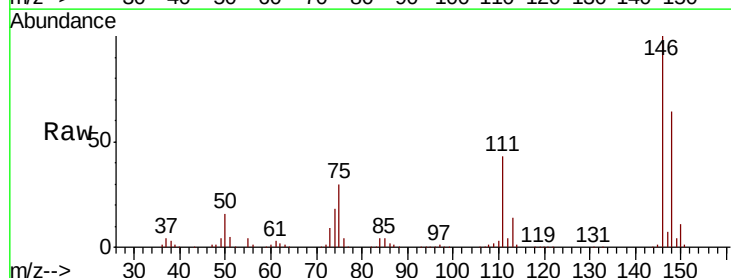
Instrument :
BNA_F
ClientSampleId :
PB130301BSD

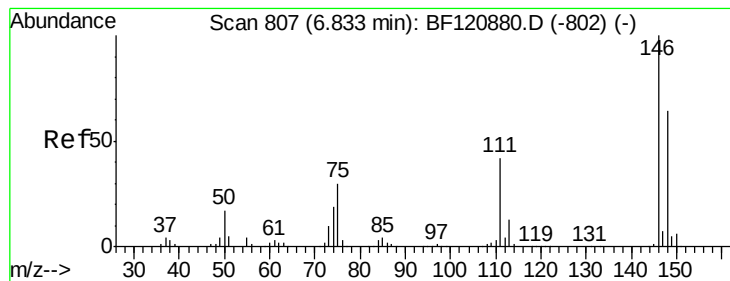
Tot Ion: 93 Resp: 551386
Ion Ratio Lower Upper
93 100
63 75.7 54.2 94.2
95 33.1 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 41.712 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion: 146 Resp: 586753
Ion Ratio Lower Upper
146 100
148 64.4 50.6 75.8
75 30.4 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 42.013 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

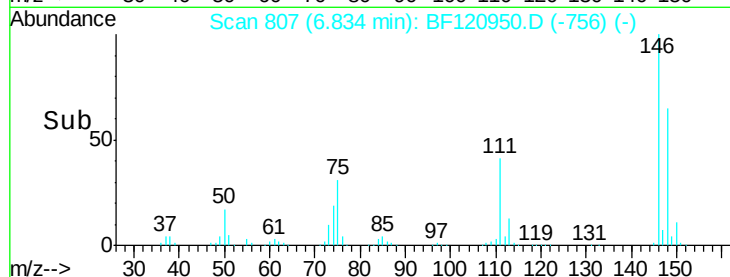
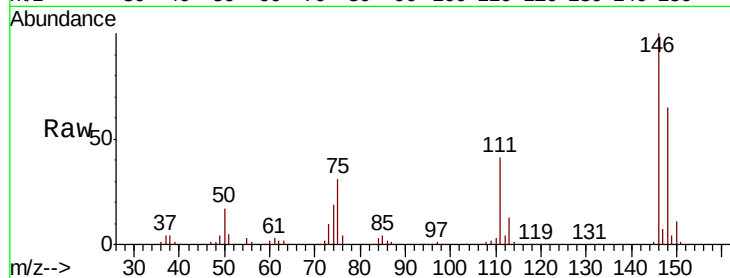
Tot Ion:146 Resp: 587657

Ion Ratio Lower Upper

146 100

148 64.5 51.6 77.4

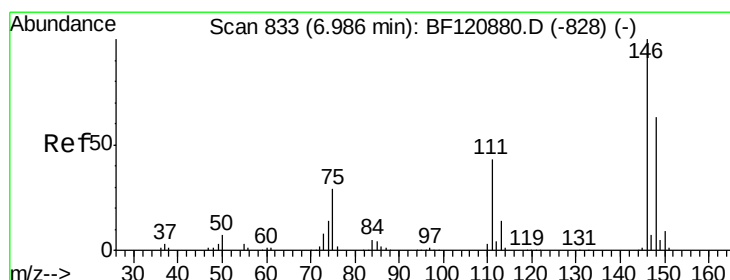
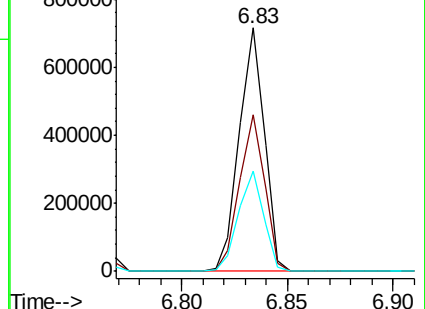
111 41.3 33.5 50.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.260 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

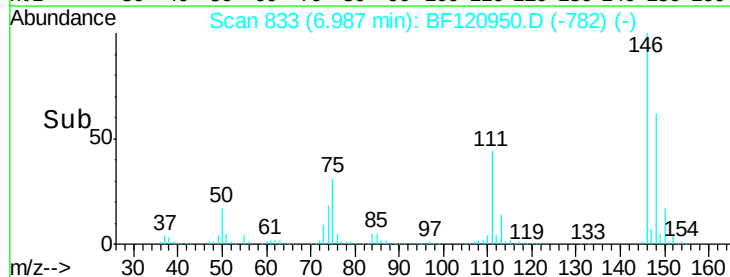
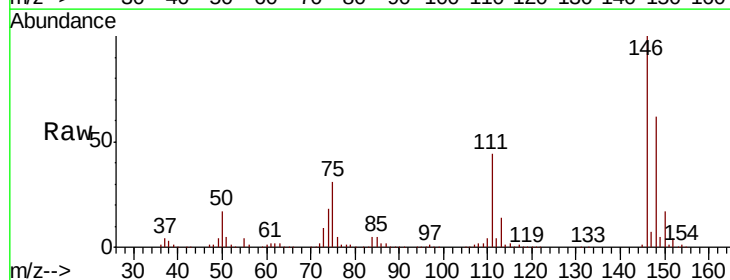
Tgt Ion:146 Resp: 545988

Ion Ratio Lower Upper

146 100

148 62.3 50.6 76.0

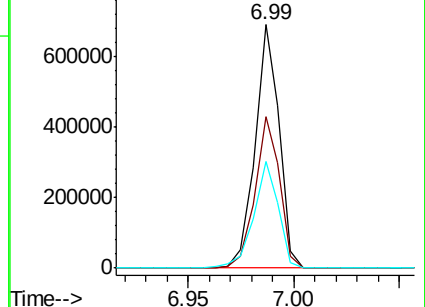
111 43.6 34.2 51.2

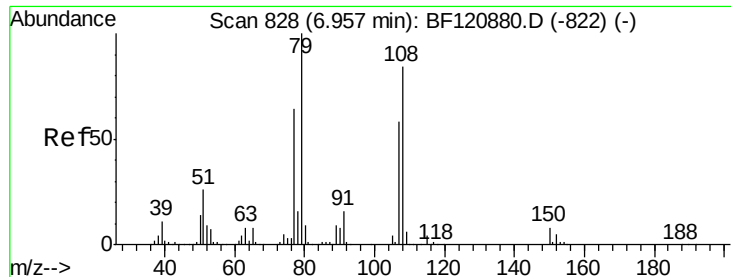


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.996 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

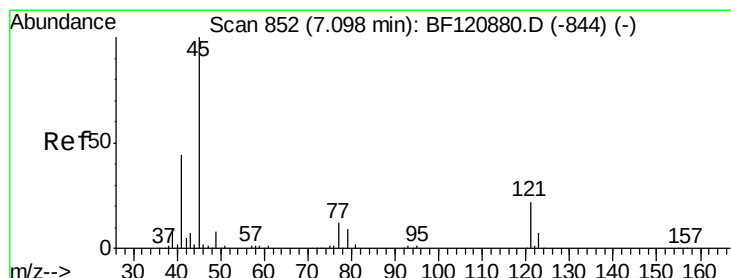
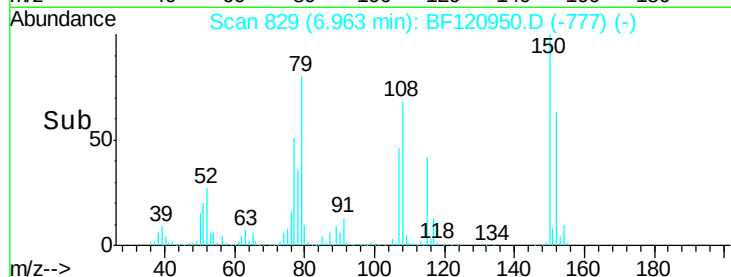
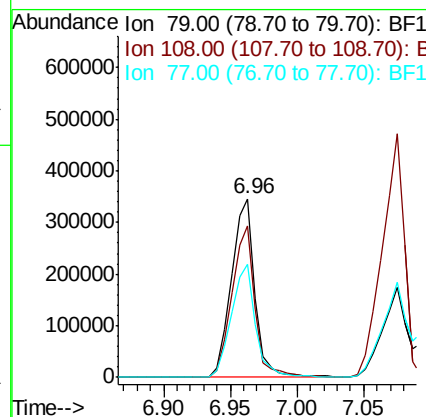
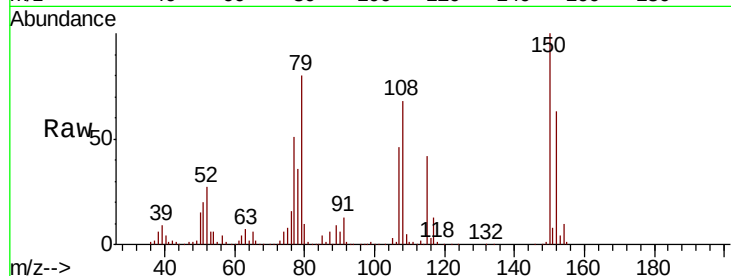
Tot Ion: 79 Resp: 430249

Ion Ratio Lower Upper

79 100

108 84.8 67.0 100.6

77 63.7 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.661 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

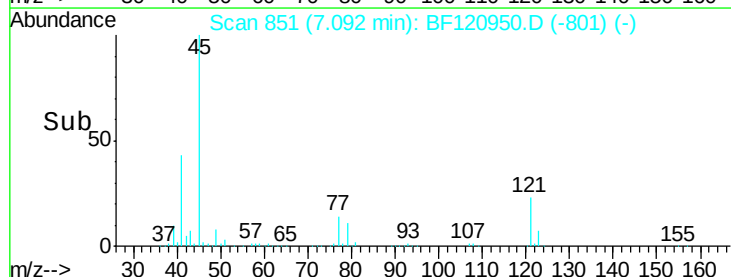
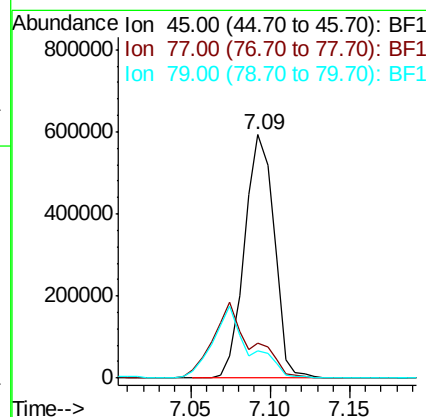
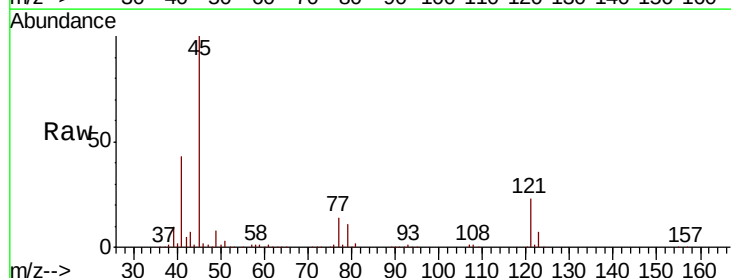
Tgt Ion: 45 Resp: 770054

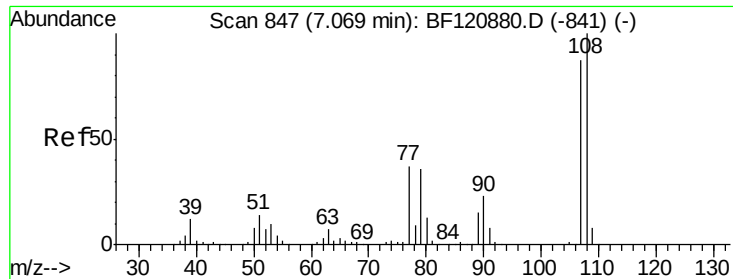
Ion Ratio Lower Upper

45 100

77 14.5 0.0 34.3

79 11.1 0.0 31.0

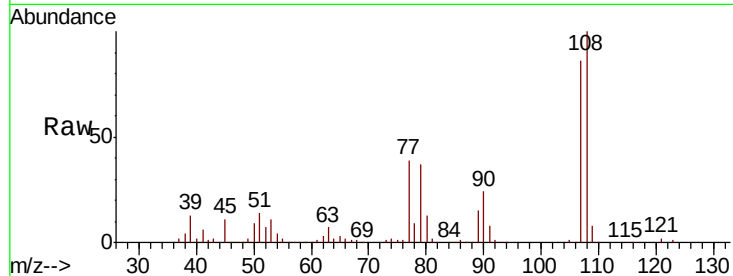




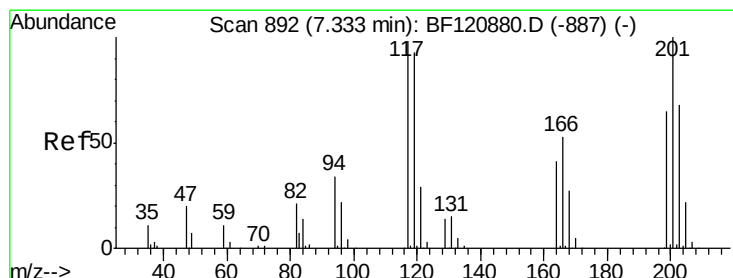
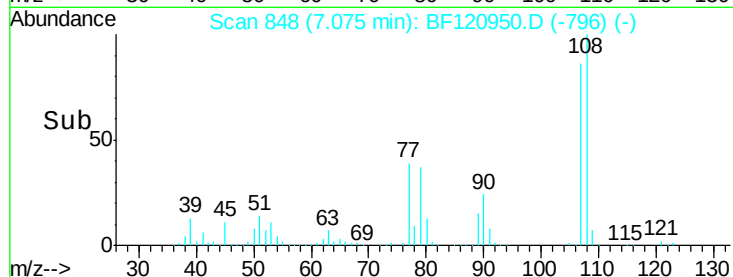
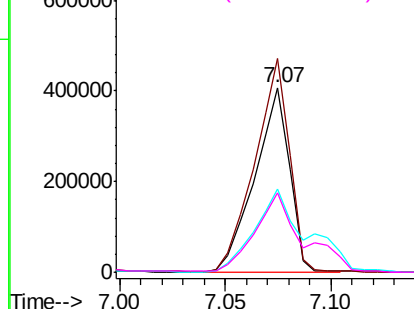
#17
2-Methylphenol
Concen: 40.239 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion:107 Resp: 462670
Ion Ratio Lower Upper
107 100
108 115.8 92.0 138.0
77 45.1 34.0 51.0
79 42.9 33.3 49.9

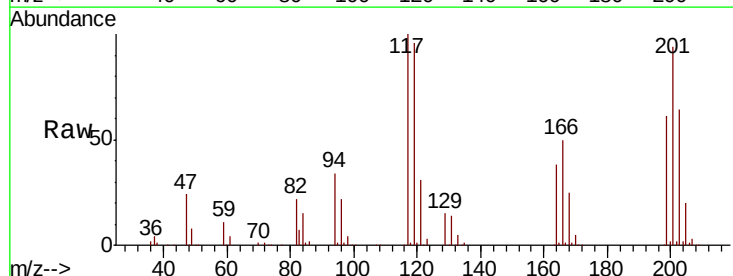


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

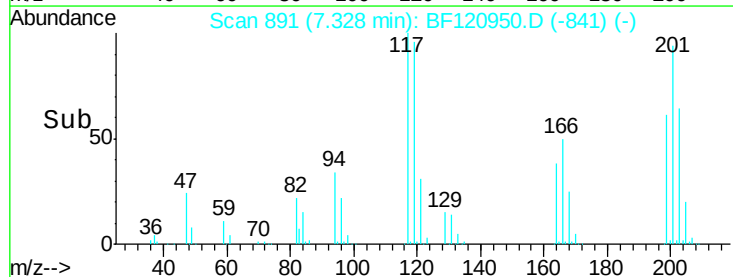
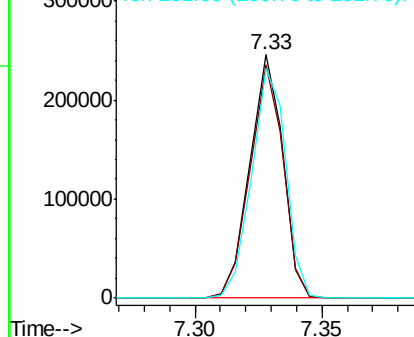


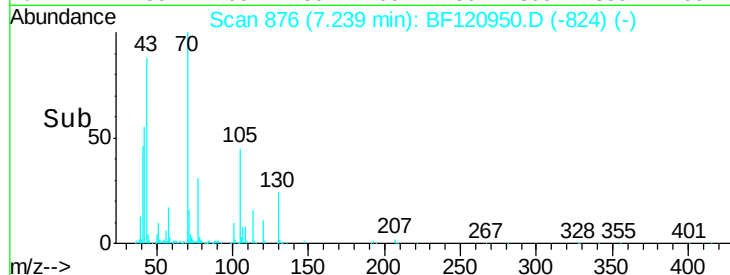
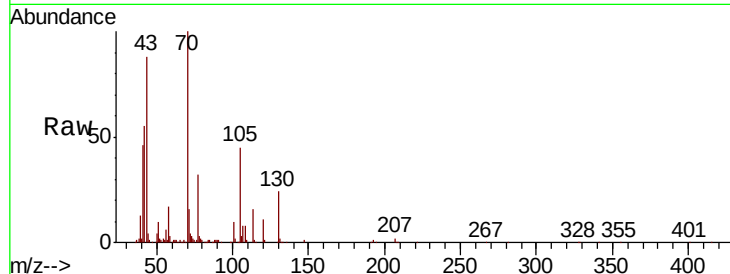
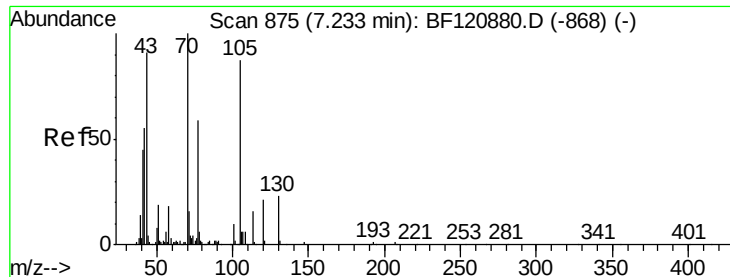
#18
Hexachloroethane
Concen: 44.054 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion:117 Resp: 223032
Ion Ratio Lower Upper
117 100
119 96.0 76.0 114.0
201 94.3 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

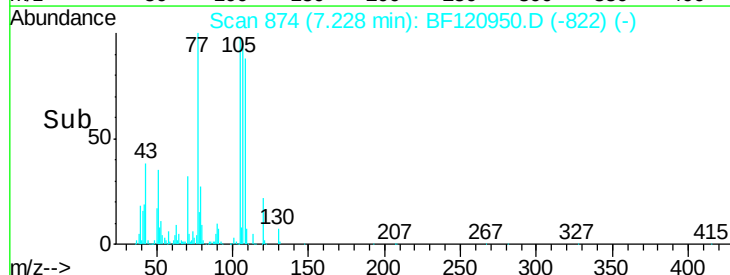
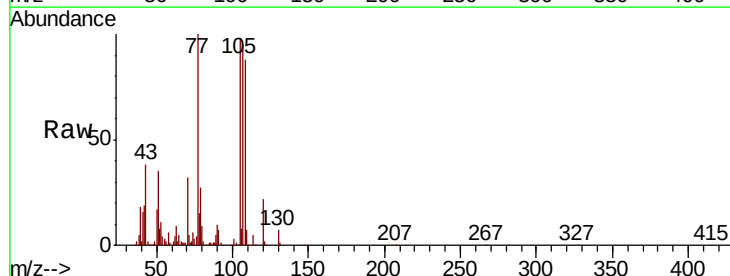
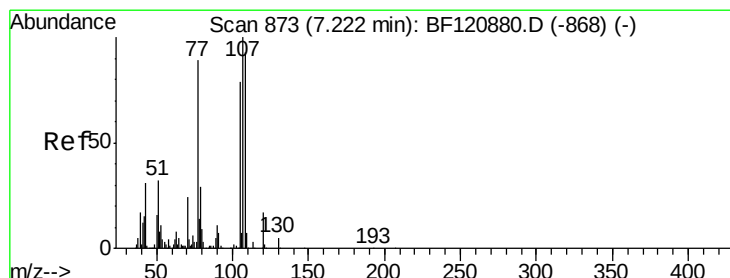
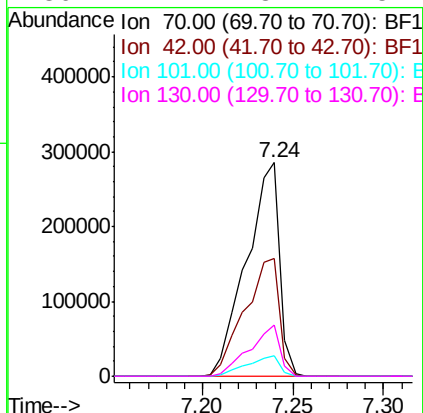




#19
n-Nitroso-di-n-propylamine
Concen: 41.934 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

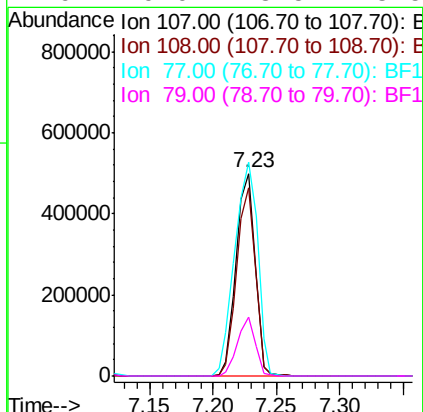
Instrument :
BNA_F
ClientSampleId :
PB130301BSD

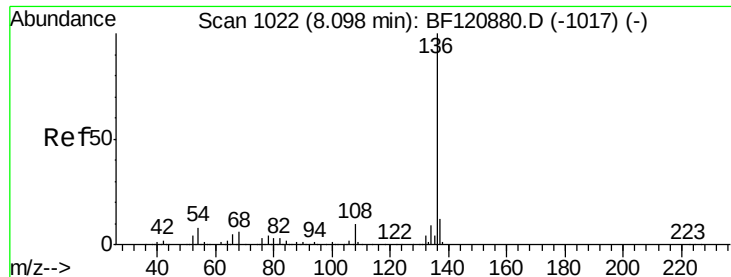
Tot Ion:	70	Resp:	362719
Ion	Ratio	Lower	Upper
70	100		
42	55.2	44.0	66.0
101	9.7	7.8	11.6
130	24.1	18.7	28.1



#20
3+4-Methylphenols
Concen: 35.034 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion:	107	Resp:	512430
Ion	Ratio	Lower	Upper
107	100		
108	93.1	72.8	112.8
77	105.6	68.7	108.7
79	29.0	8.5	48.5

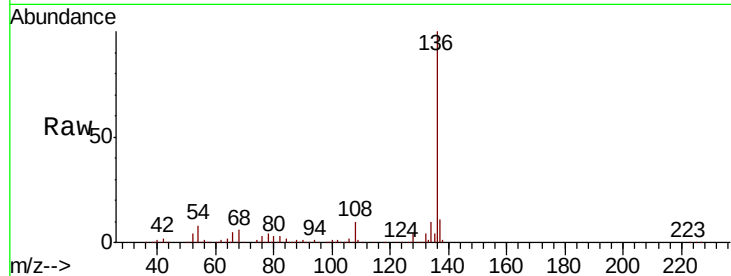




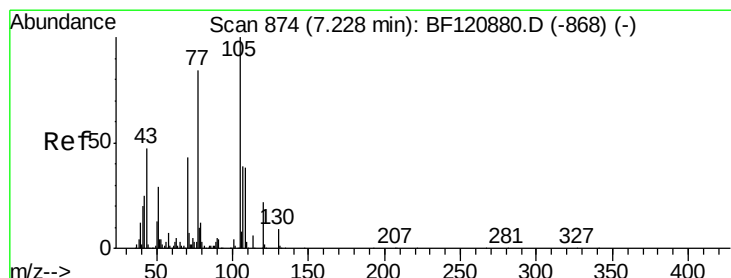
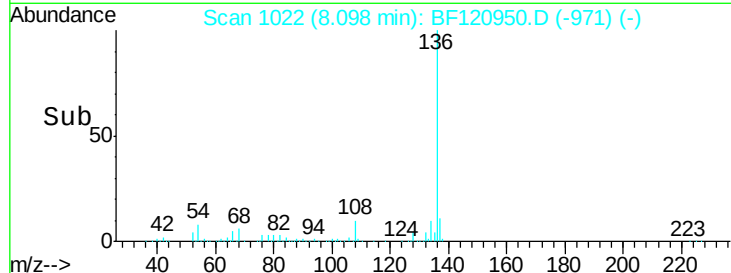
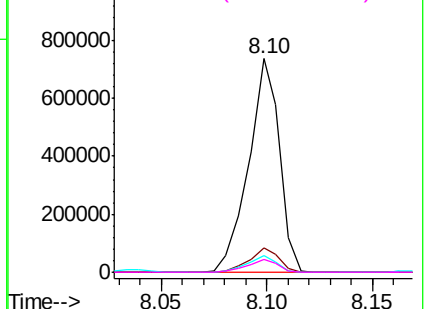
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion:136	Resp:	746652
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.3 13.9
54	7.5	6.3 9.5
68	6.1	5.0 7.4

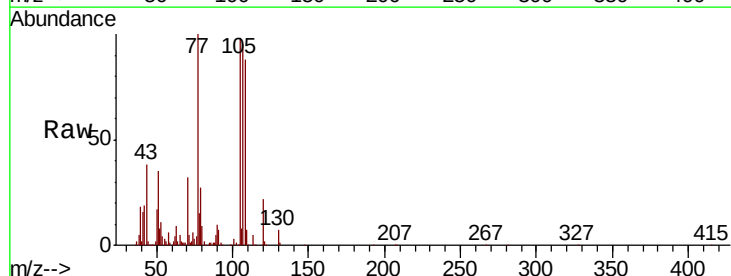


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

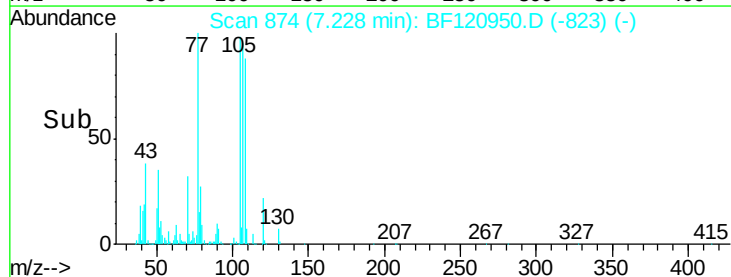
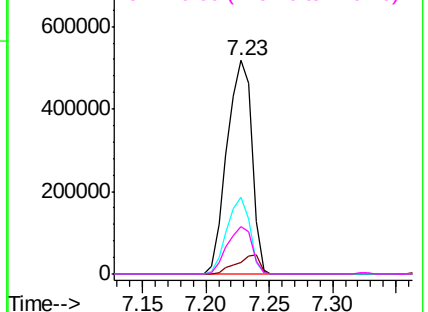


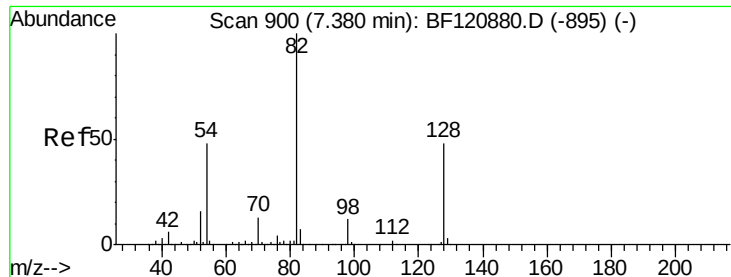
#22
Acetophenone
Concen: 41.822 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion:105	Resp:	700810
Ion	Ratio	Lower Upper
105	100	
71	5.4	5.7 8.5#
51	35.9	22.9 34.3#
120	22.1	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

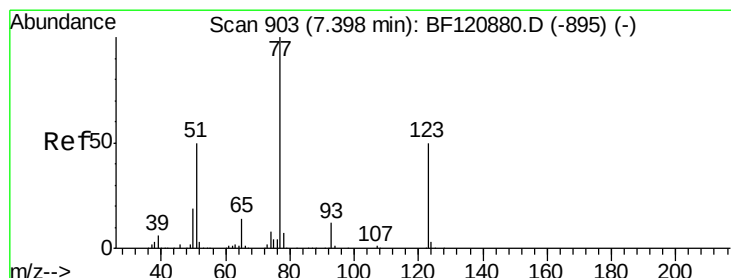
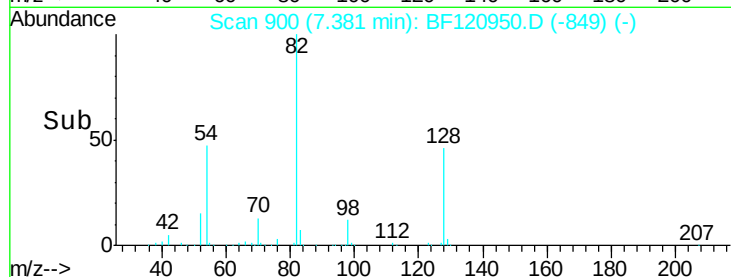
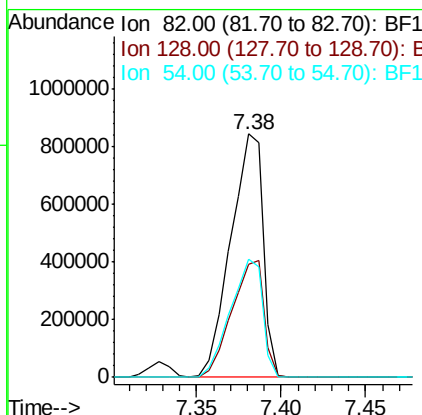
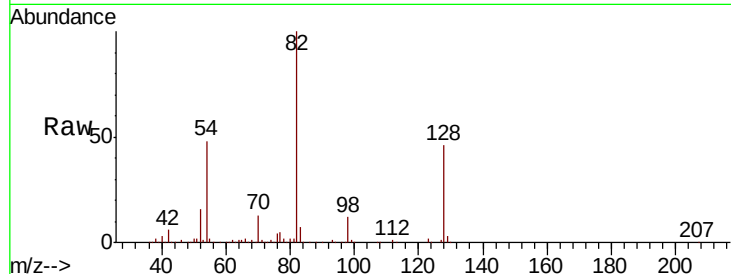




#23
 Nitrobenzene-d5
 Concen: 87.541 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

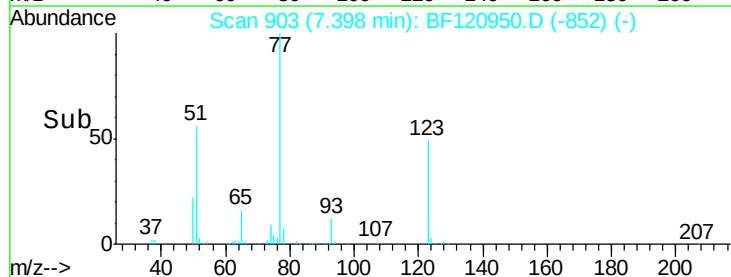
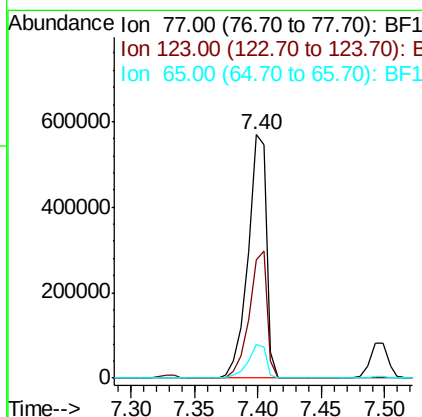
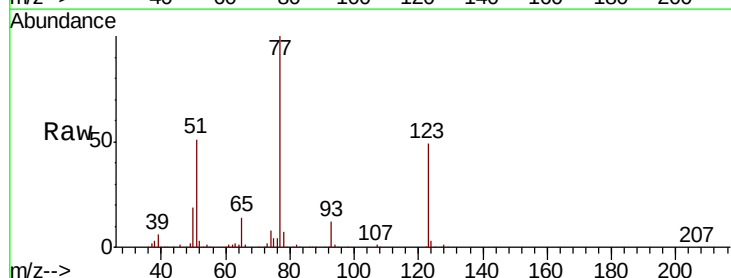
Instrument :
 BNA_F
 ClientSampleId :
 PB130301BSD

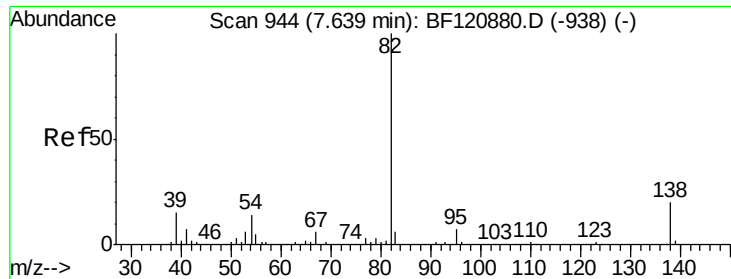
Tot Ion: 82 Resp: 1129605
 Ion Ratio Lower Upper
 82 100
 128 46.3 38.2 57.4
 54 48.4 38.7 58.1



#24
 Nitrobenzene
 Concen: 41.835 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Tgt Ion: 77 Resp: 581833
 Ion Ratio Lower Upper
 77 100
 123 48.7 40.1 60.1
 65 13.7 10.8 16.2





#25

Isophorone

Concen: 41.667 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

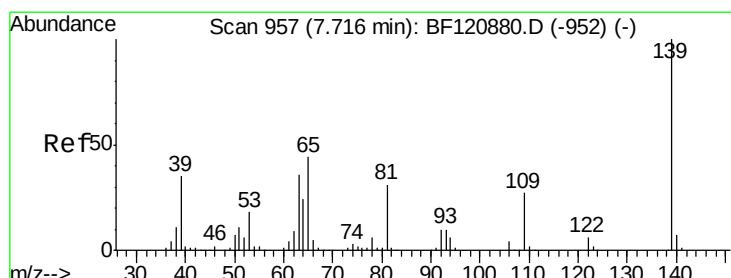
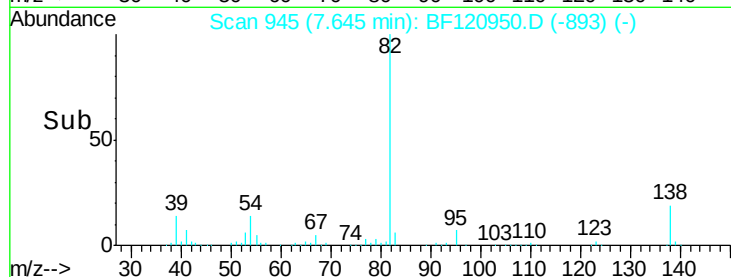
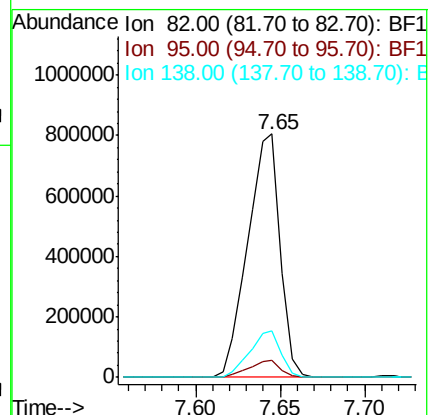
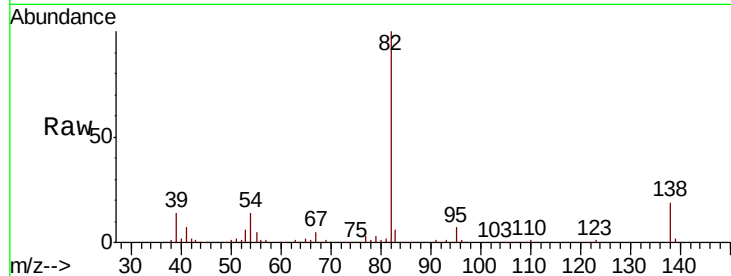
Tot Ion: 82 Resp: 1073052

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 19.3 15.6 23.4



#26

2-Nitrophenol

Concen: 46.942 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

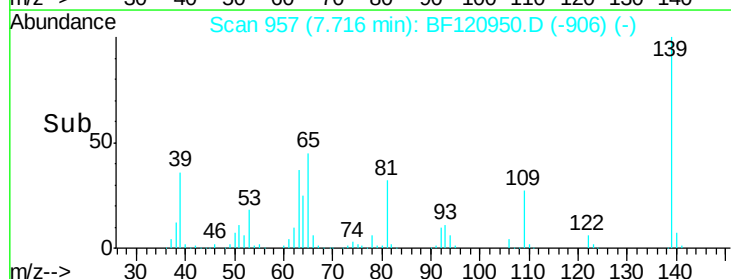
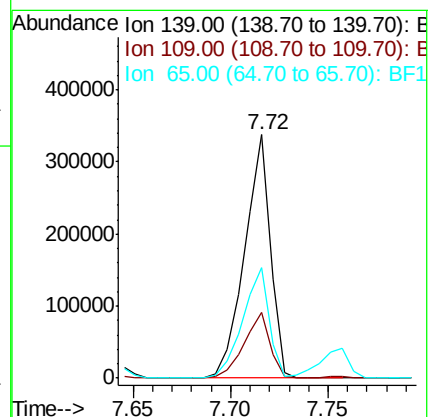
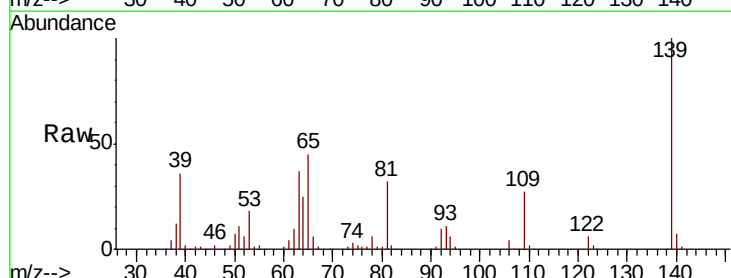
Tgt Ion: 139 Resp: 310063

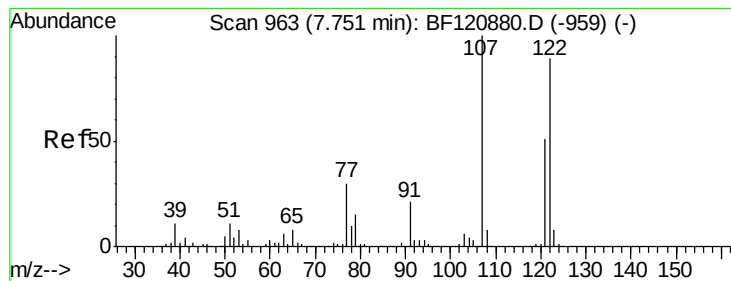
Ion Ratio Lower Upper

139 100

109 26.8 21.6 32.4

65 45.2 35.3 52.9





#27

2,4-Dimethylphenol

Concen: 44.356 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

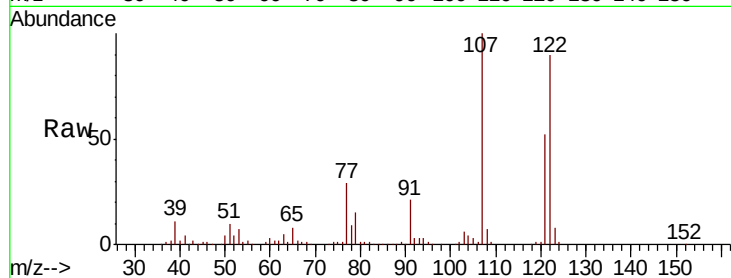
Tot Ion:122 Resp: 475683

Ion Ratio Lower Upper

122 100

107 110.9 89.4 134.0

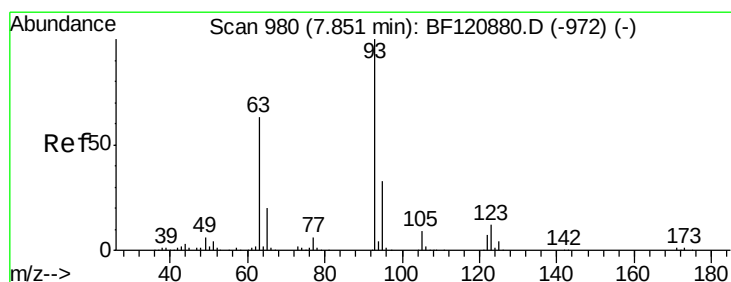
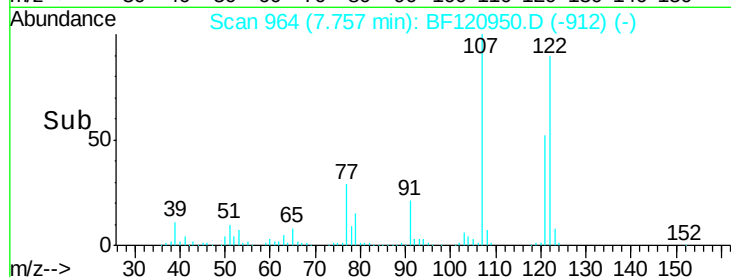
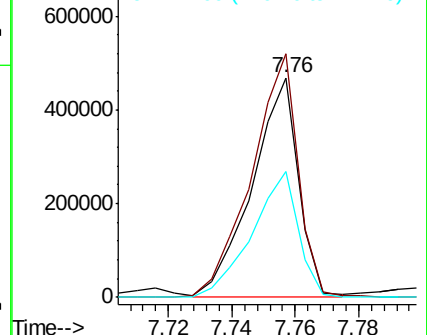
121 57.5 46.0 69.0



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: 43.652 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

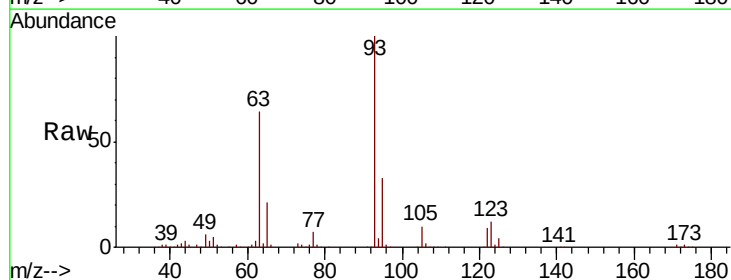
Tgt Ion: 93 Resp: 686221

Ion Ratio Lower Upper

93 100

95 33.0 26.6 39.8

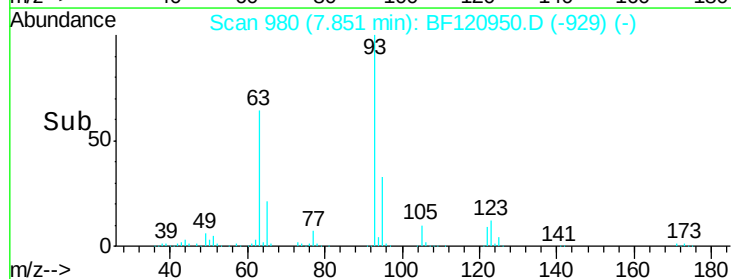
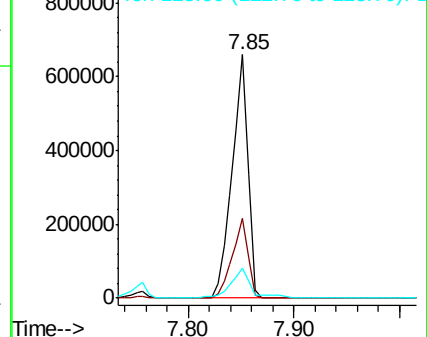
123 12.1 10.0 15.0

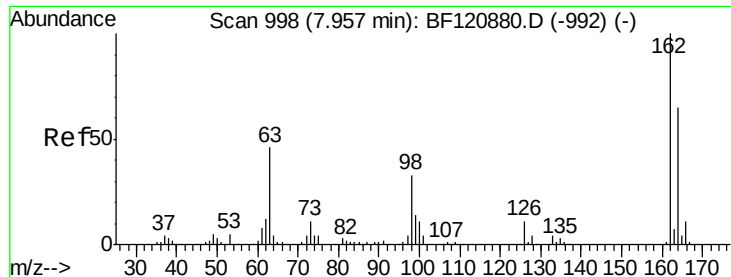


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

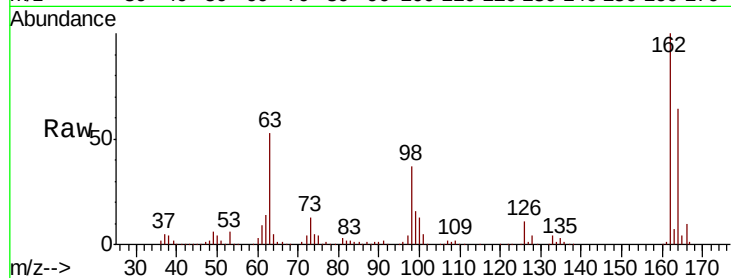




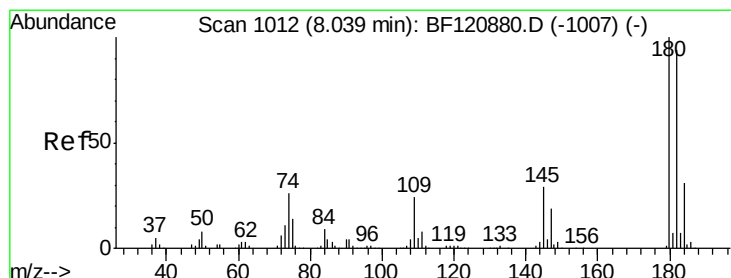
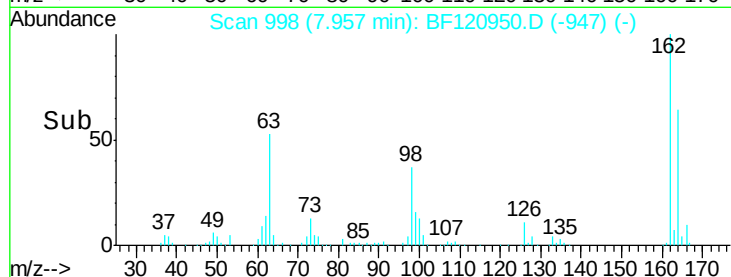
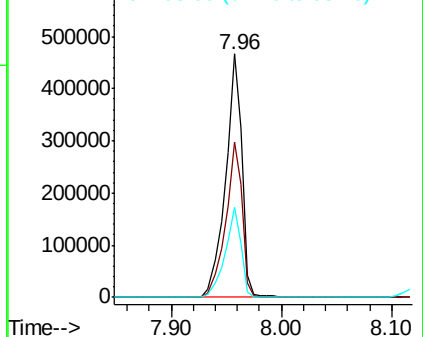
#29
2,4-Dichlorophenol
Concen: 43.943 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	45.3	85.3
98	36.9	13.3	53.3

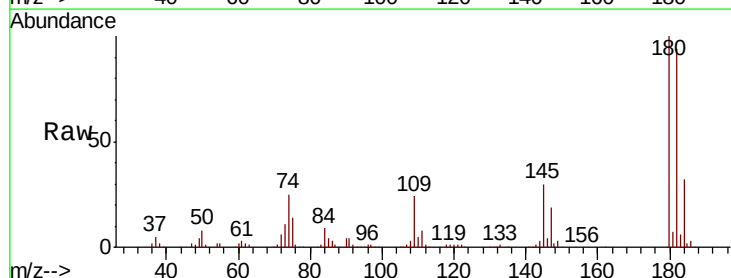


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

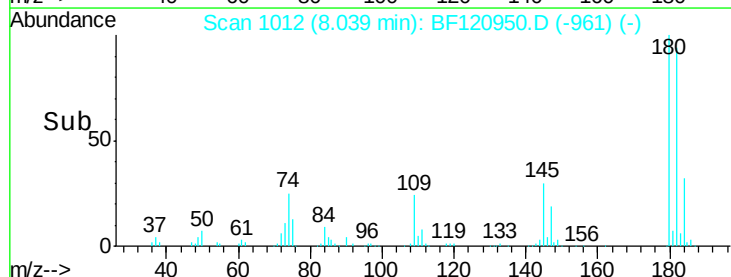
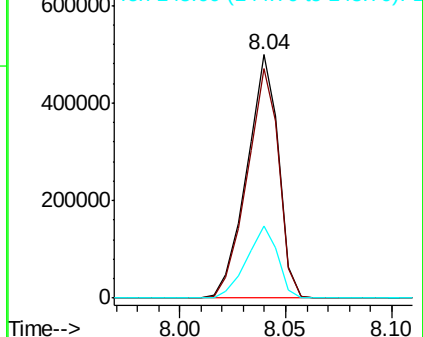


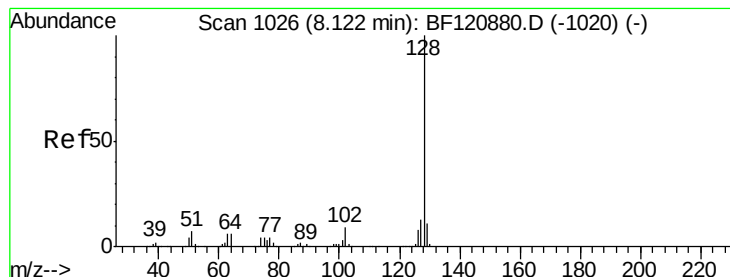
#30
1,2,4-Trichlorobenzene
Concen: 42.563 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.0	112.6
145	29.8	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: 41.252 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

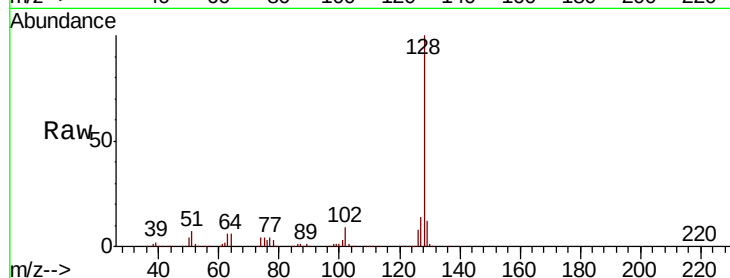
Tot Ion:128 Resp: 1579928

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

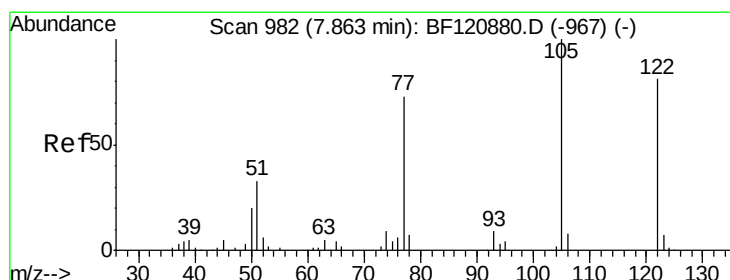
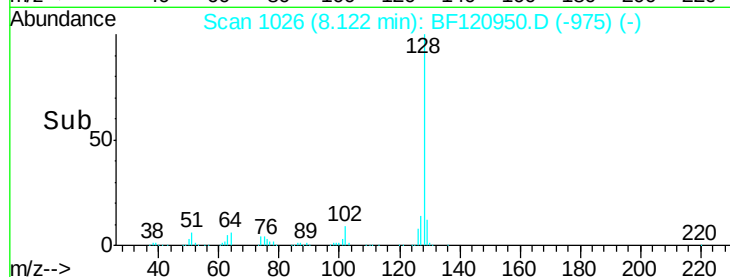
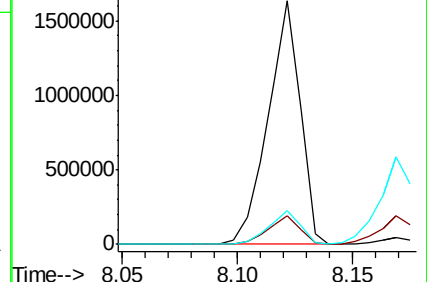
127 13.7 10.7 16.1



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: 43.594 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.02 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

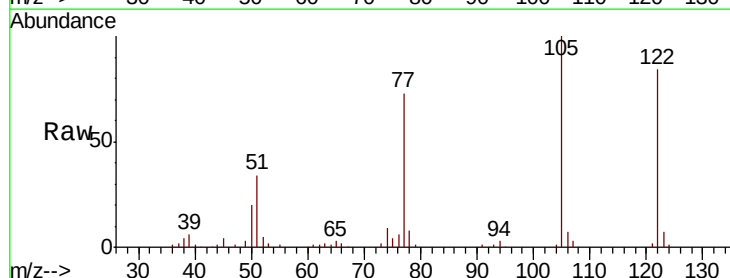
Tgt Ion:122 Resp: 350945

Ion Ratio Lower Upper

122 100

105 118.6 101.3 141.3

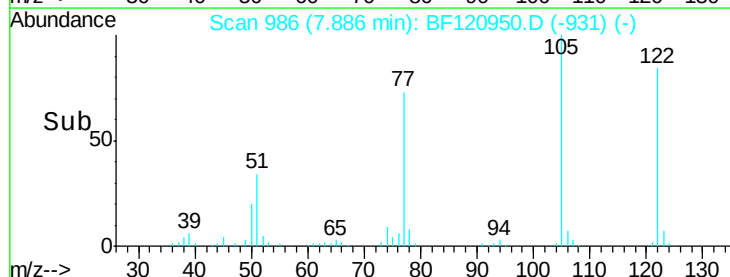
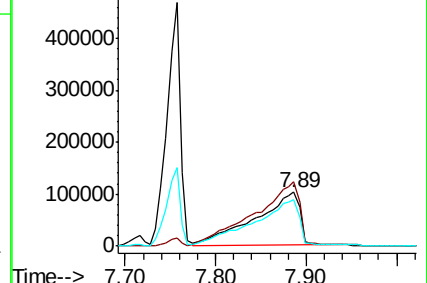
77 87.0 69.1 109.1

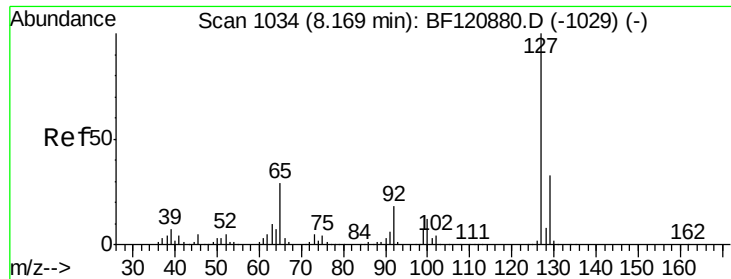


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

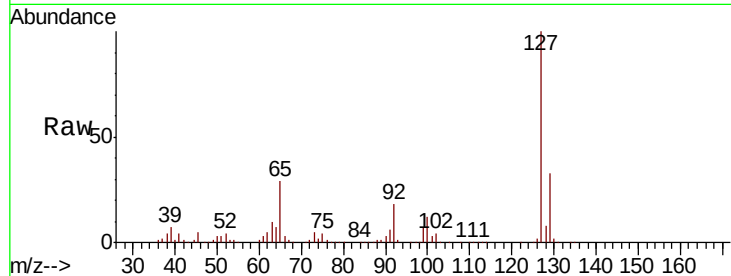




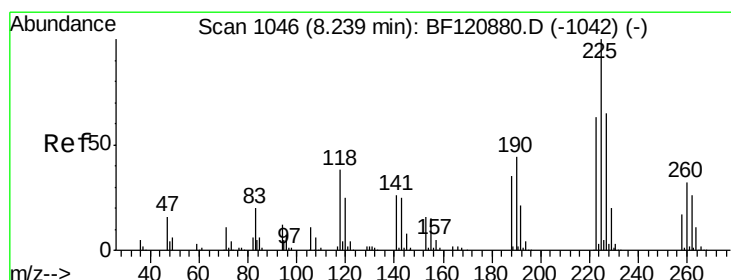
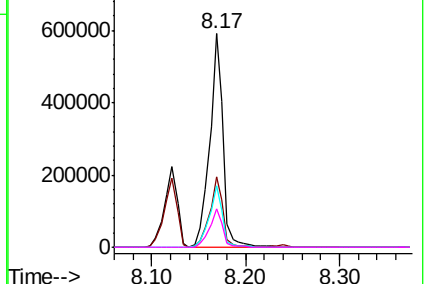
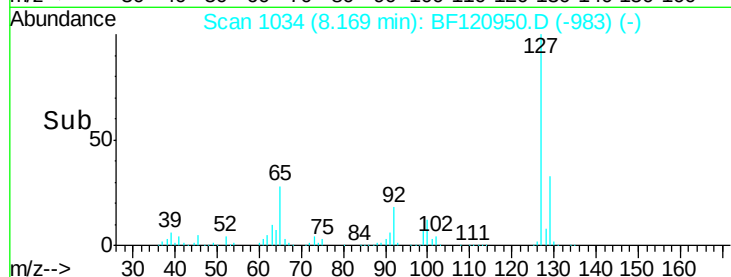
#33
4-Chloroaniline
Concen: 34.850 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion:	127	Resp:	595417
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.5	39.7
65	28.9	23.0	34.4
92	18.2	14.5	21.7

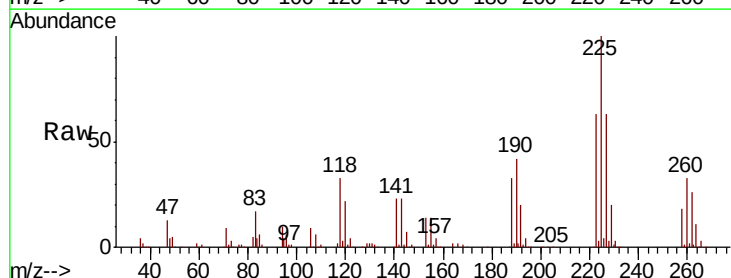


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

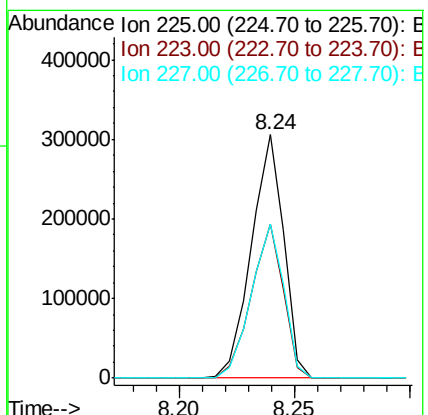
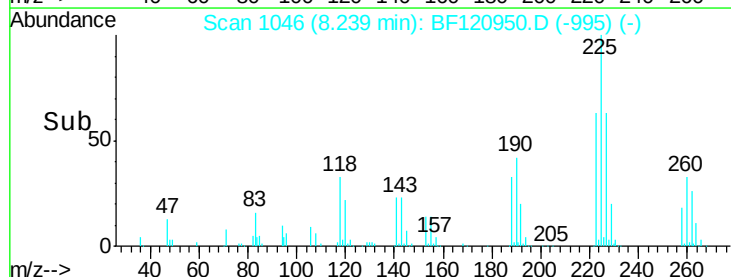


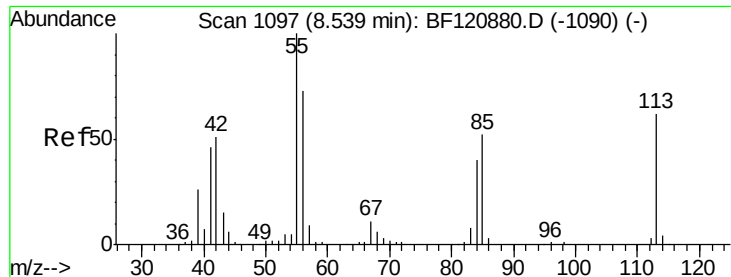
#34
Hexachlorobutadiene
Concen: 41.810 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion:	225	Resp:	299670
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	63.1	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

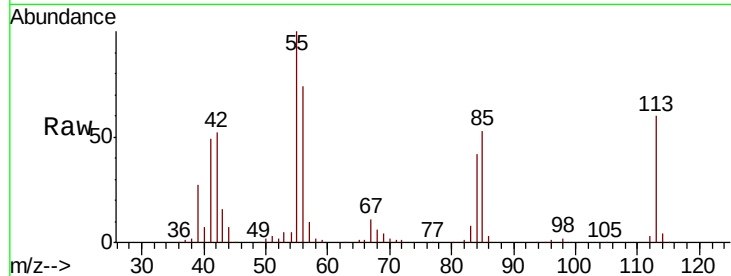




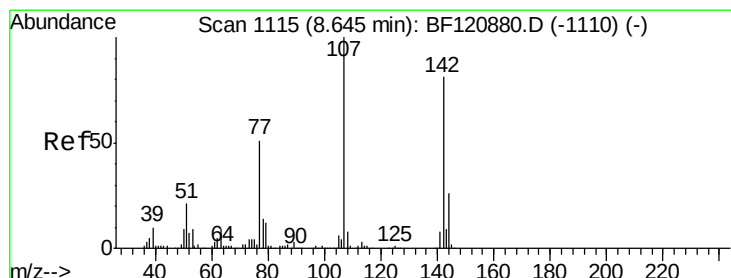
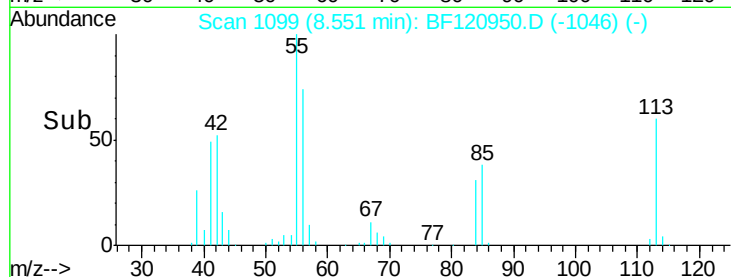
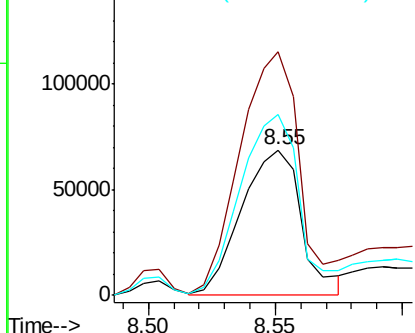
#35
Caprolactam
Concen: 32.499 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion:113 Resp: 114210
Ion Ratio Lower Upper
113 100
55 167.2 143.3 183.3
56 124.2 99.4 139.4

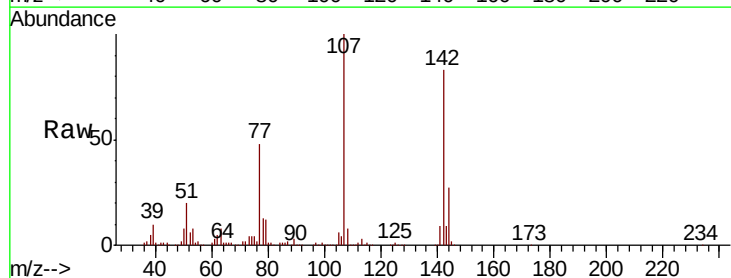


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

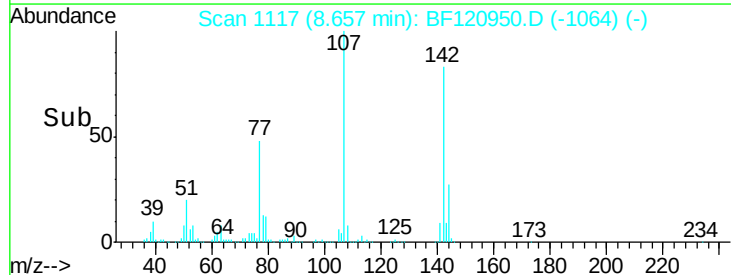
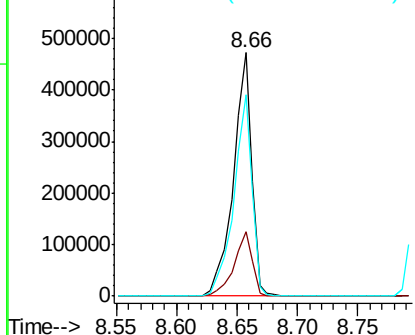


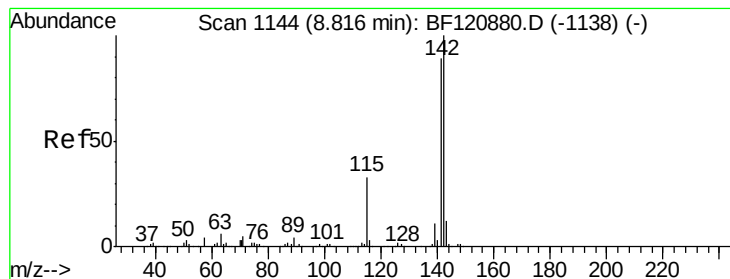
#36
4-Chloro-3-methylphenol
Concen: 44.412 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion:107 Resp: 499154
Ion Ratio Lower Upper
107 100
144 26.7 21.0 31.6
142 82.6 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: 43.495 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

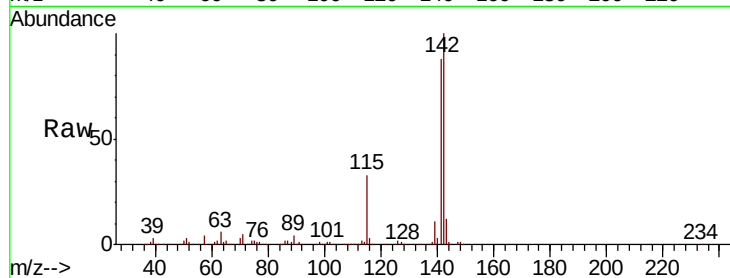
Tot Ion:142 Resp: 1081654

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.4

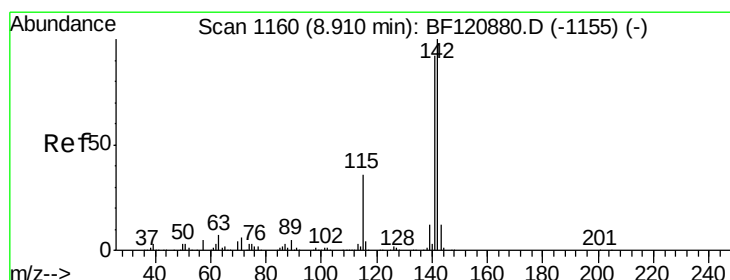
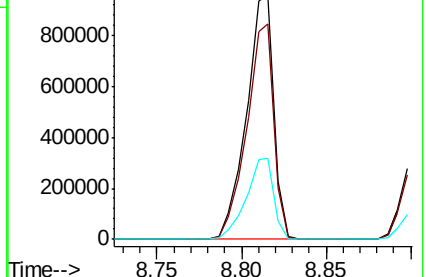
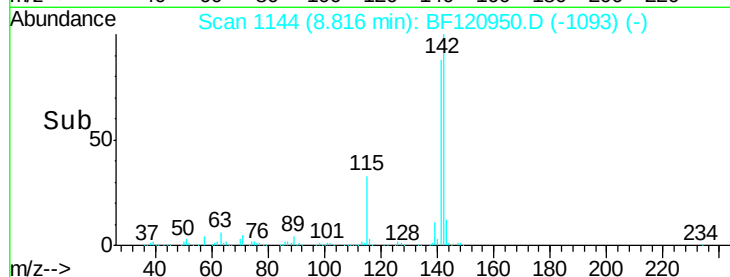
115 33.2 26.0 39.0



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: 43.553 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

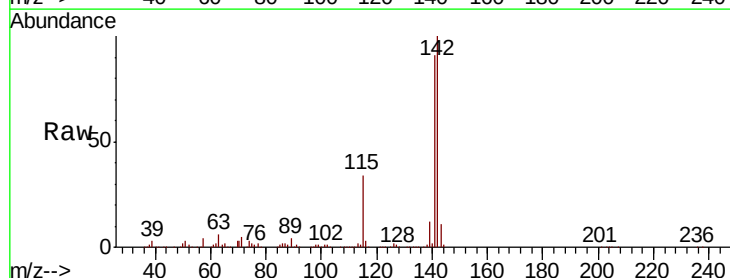
Tgt Ion:142 Resp: 1025798

Ion Ratio Lower Upper

142 100

141 91.3 73.7 110.5

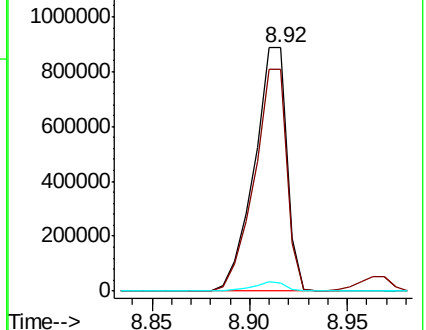
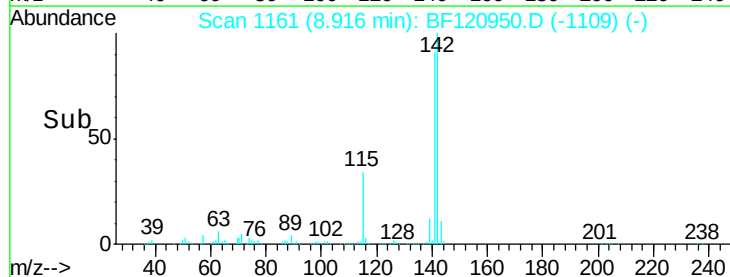
116 3.4 3.0 4.6

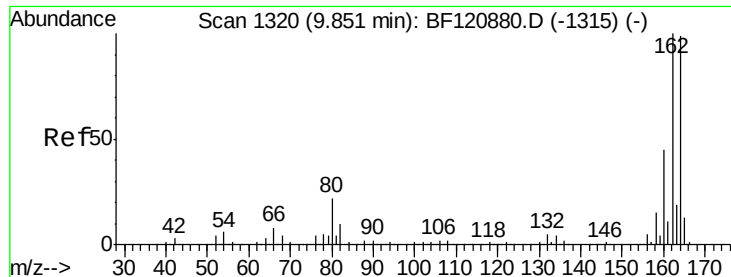


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

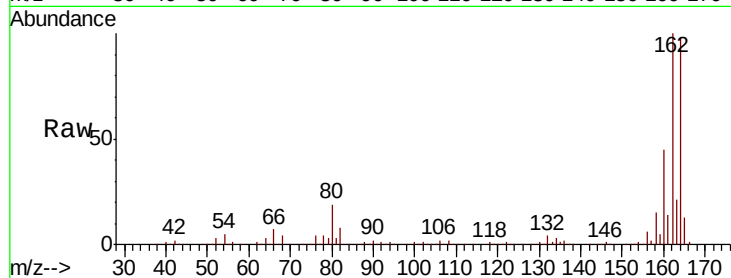
Tot Ion:164 Resp: 385576

Ion Ratio Lower Upper

164 100

162 101.9 81.2 121.8

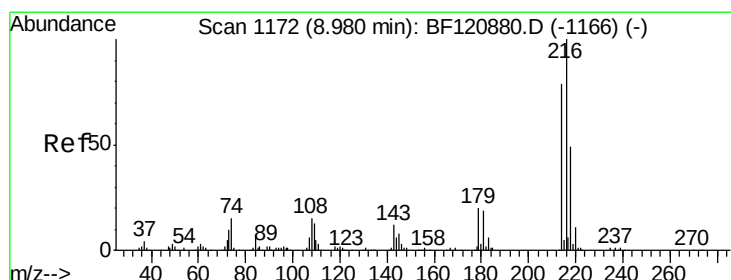
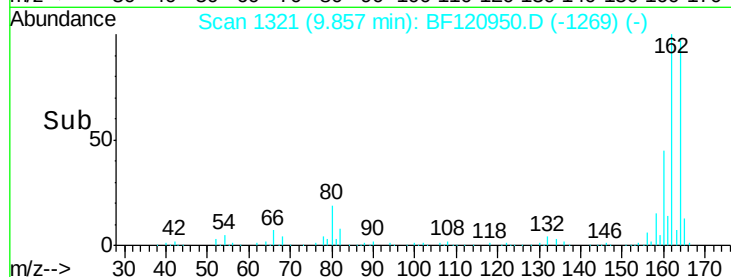
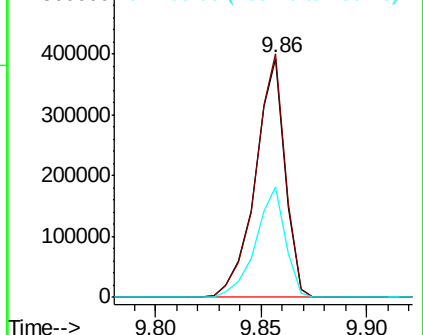
160 46.1 36.9 55.3



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: 41.062 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Tgt Ion:216 Resp: 461296

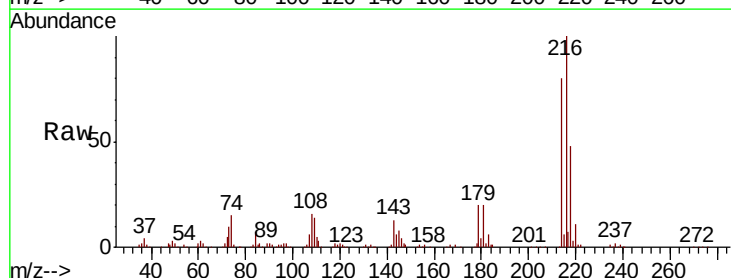
Ion Ratio Lower Upper

216 100

214 80.0 63.8 95.8

179 20.4 16.6 24.8

108 20.5 15.4 23.0

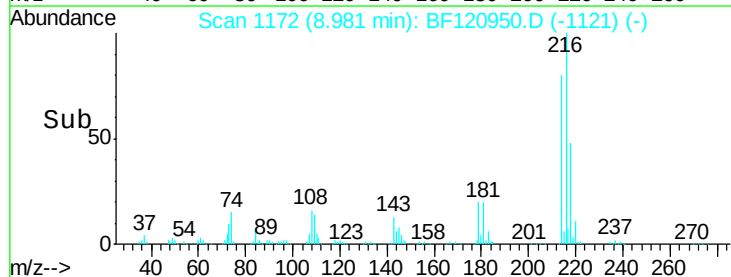
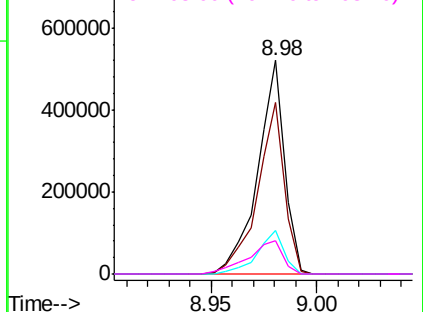


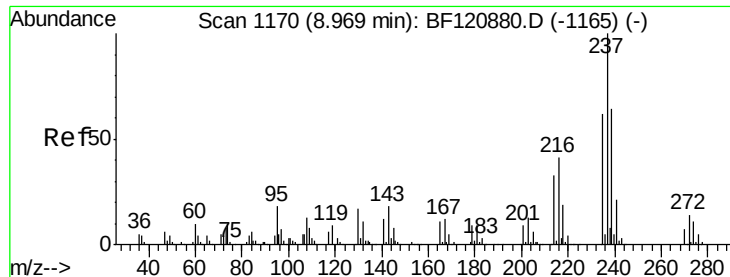
Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.192 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

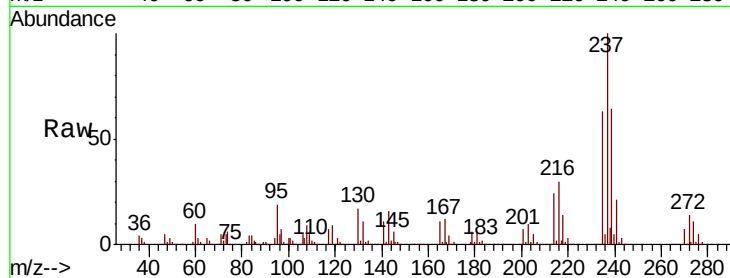
Tot Ion:237 Resp: 516526

Ion Ratio Lower Upper

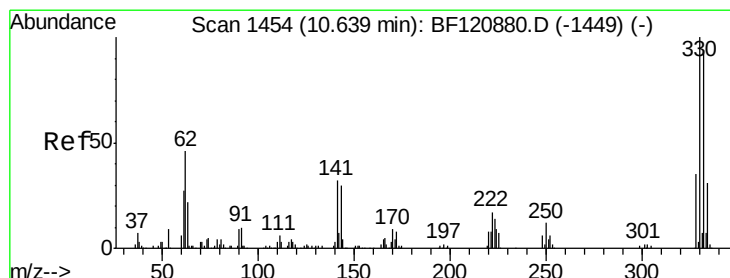
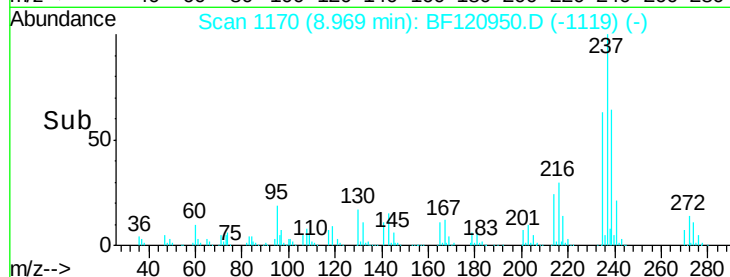
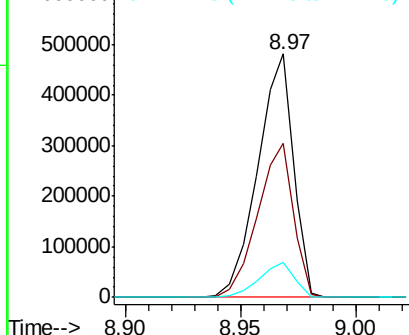
237 100

235 63.4 41.6 81.6

272 14.2 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: 124.600 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

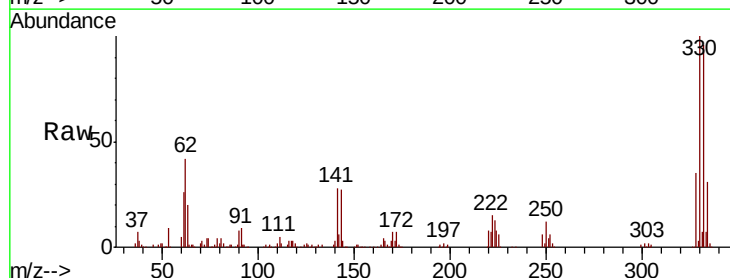
Tgt Ion:330 Resp: 525875

Ion Ratio Lower Upper

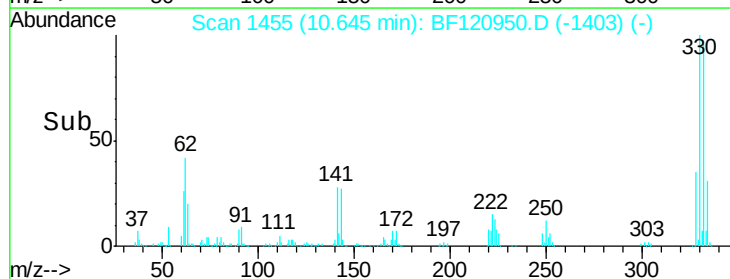
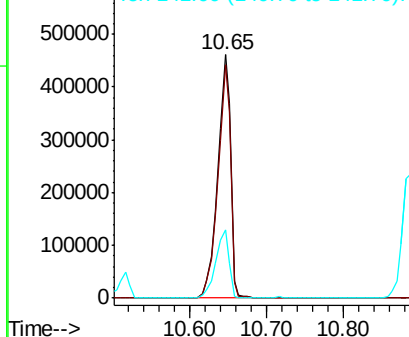
330 100

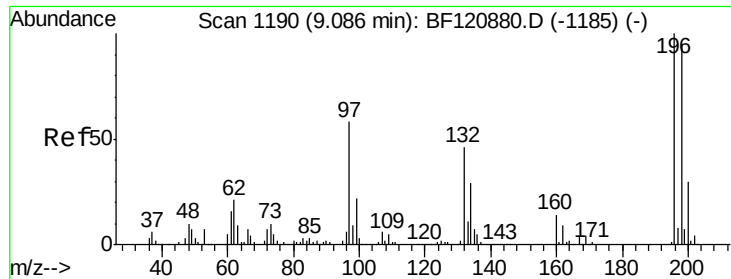
332 94.8 75.5 113.3

141 29.1 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

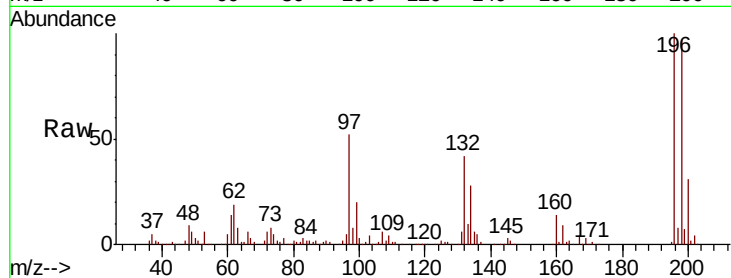




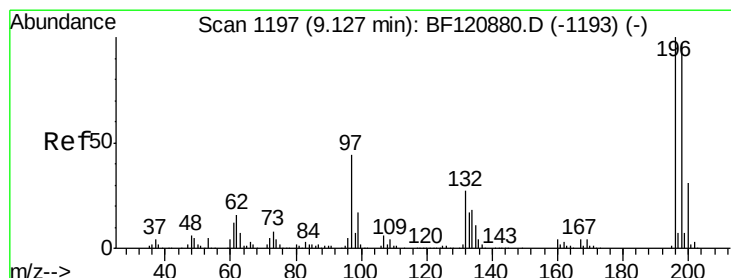
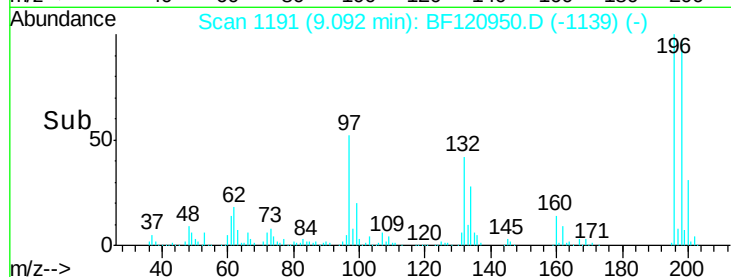
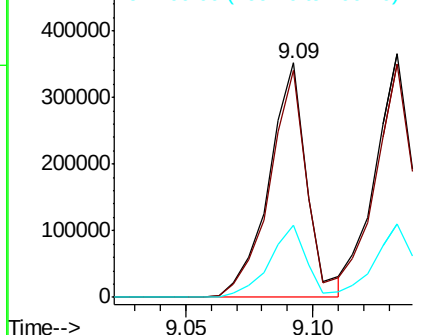
#43
 2,4,6-Trichlorophenol
 Concen: 45.953 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BSD

Tot Ion:196 Resp: 363475
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.7 113.5
 200 30.5 24.4 36.6

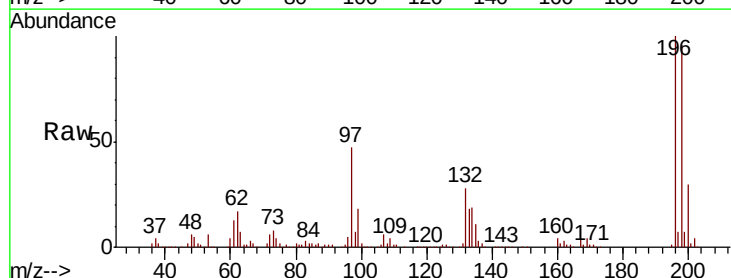


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

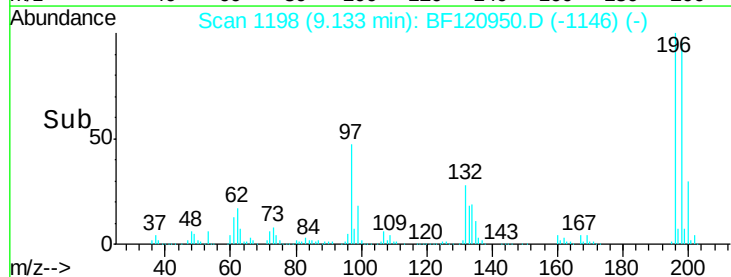
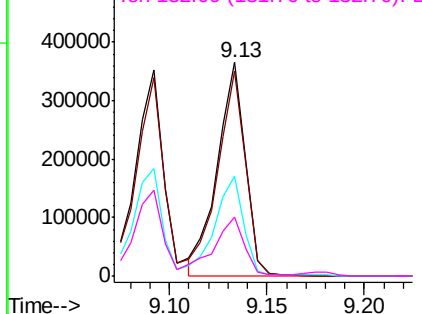


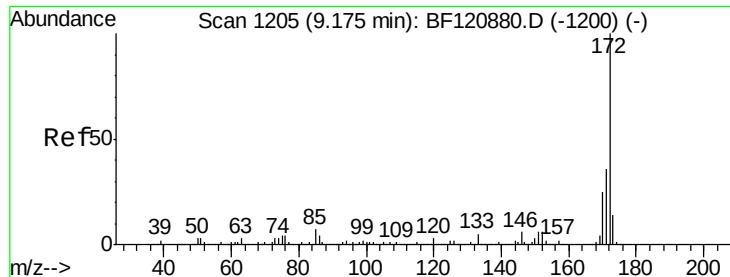
#44
 2,4,5-Trichlorophenol
 Concen: 40.642 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Tgt Ion:196 Resp: 364648
 Ion Ratio Lower Upper
 196 100
 198 96.1 77.6 116.4
 97 46.6 35.6 53.4
 132 27.6 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

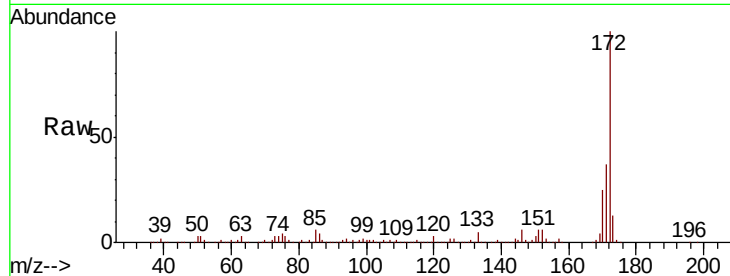




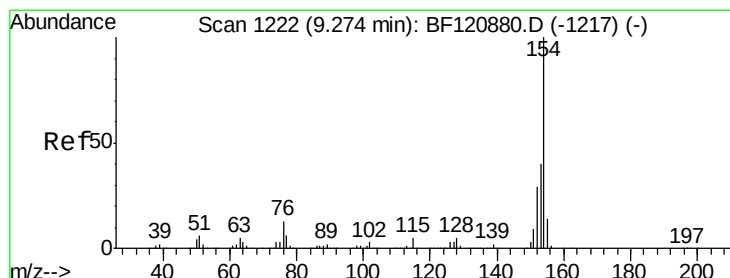
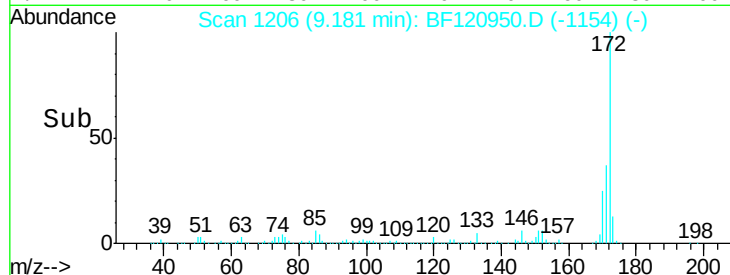
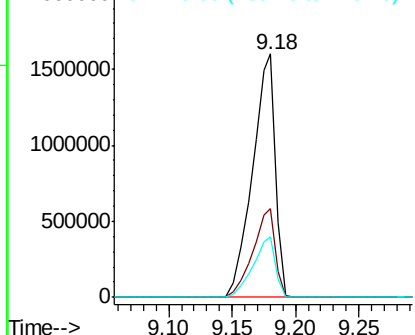
#45
2-Fluorobiphenyl
Concen: 77.877 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion:172 Resp: 2011159
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.4
170 25.0 19.6 29.4

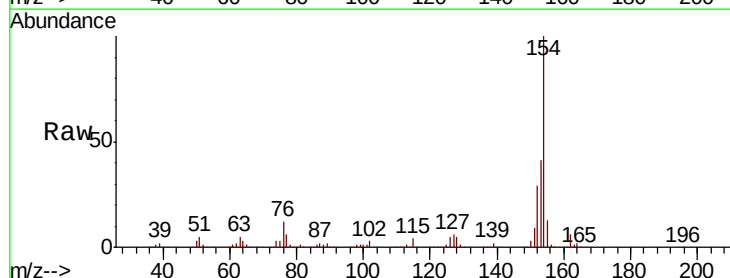


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

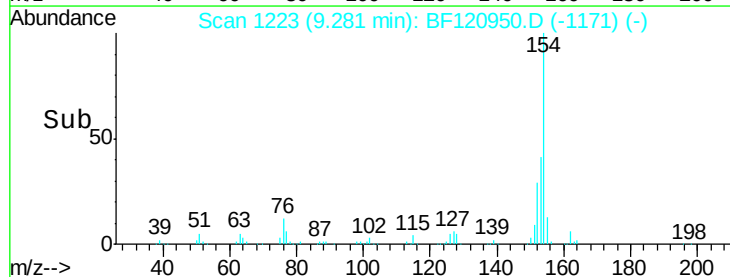
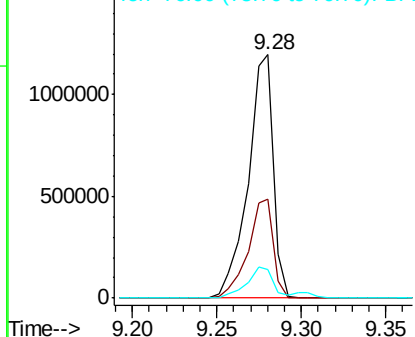


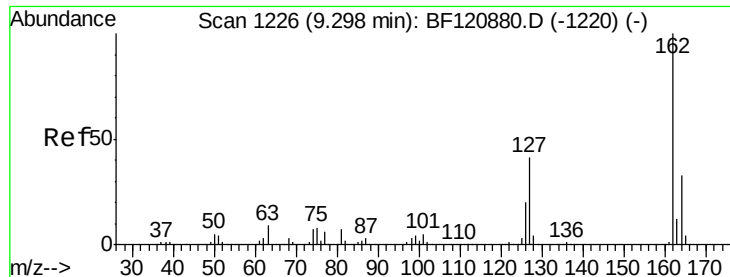
#46
1,1'-Biphenyl
Concen: 42.652 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion:154 Resp: 1254472
Ion Ratio Lower Upper
154 100
153 40.6 20.4 60.4
76 11.5 0.0 33.1



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

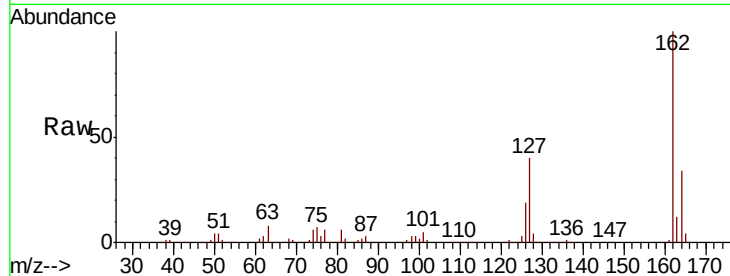




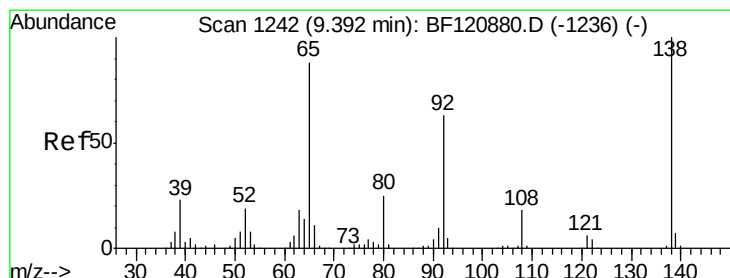
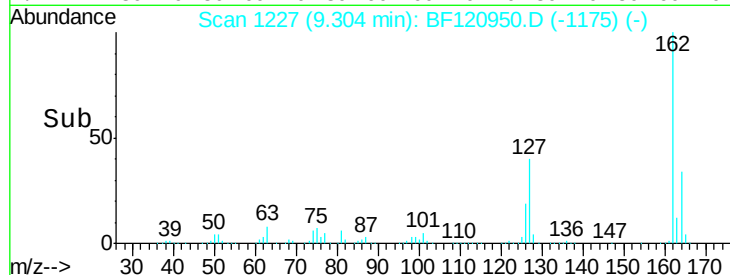
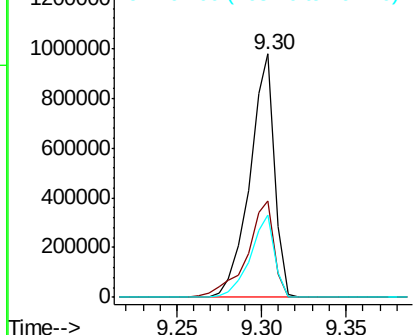
#47
2-Chloronaphthalene
Concen: 41.571 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	33.3	49.9
164	33.6	26.6	39.8

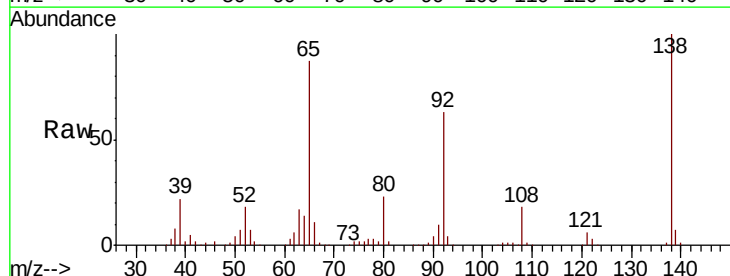


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

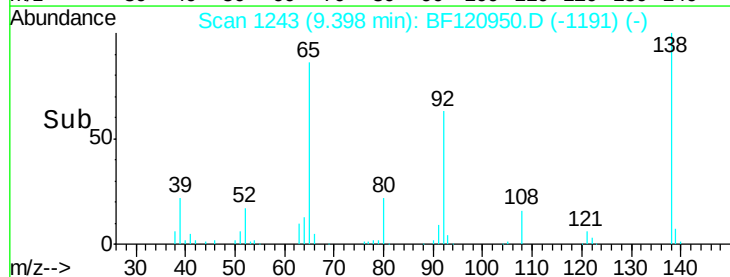
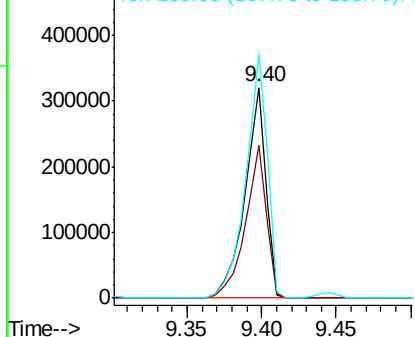


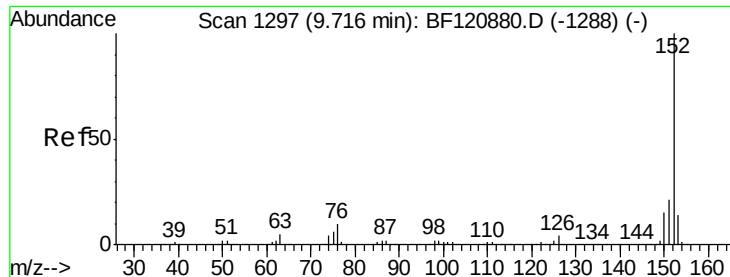
#48
2-Nitroaniline
Concen: 43.310 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.4	57.0	85.4
138	115.6	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: 41.835 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

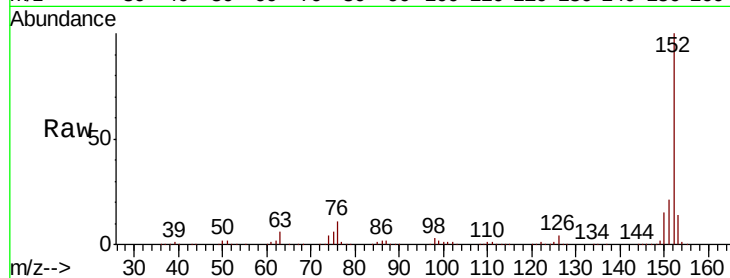
BNA_F

ClientSampleId :

PB130301BSD

Tot Ion:152 Resp: 1558477

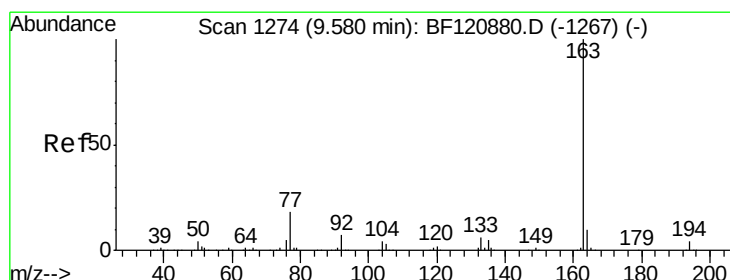
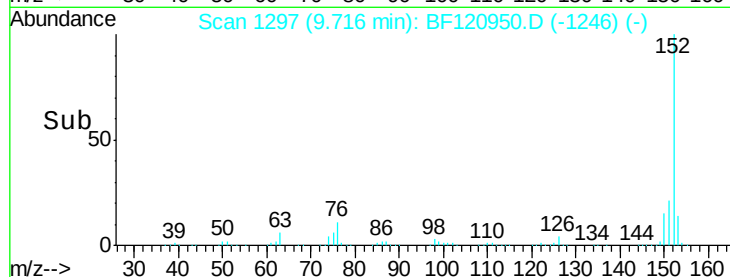
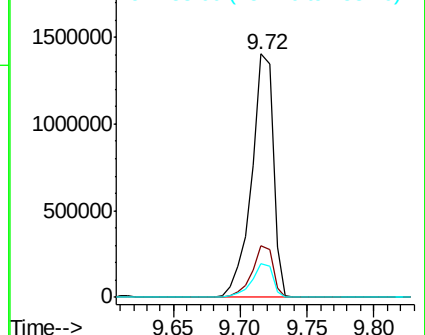
Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.6	25.0
153	13.8	10.9	16.3



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: 42.968 ng

RT: 9.58 min Scan# 1274

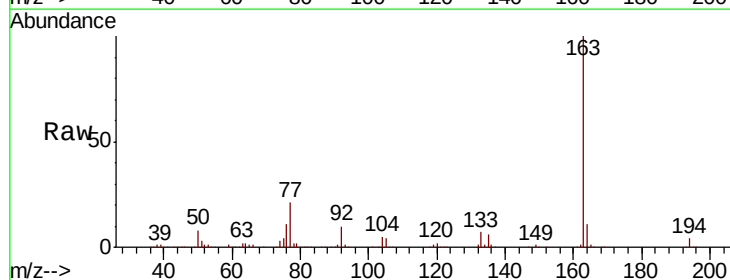
Delta R.T. 0.00 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Tgt Ion:163 Resp: 1195244

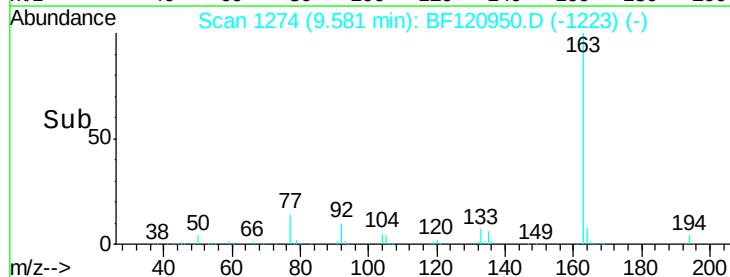
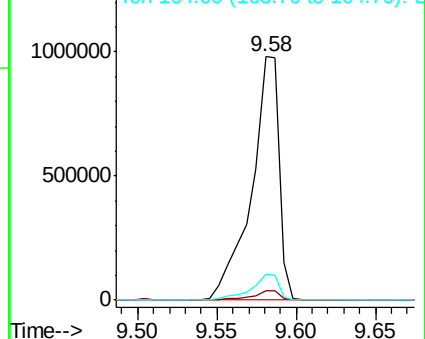
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.8	7.9	11.9

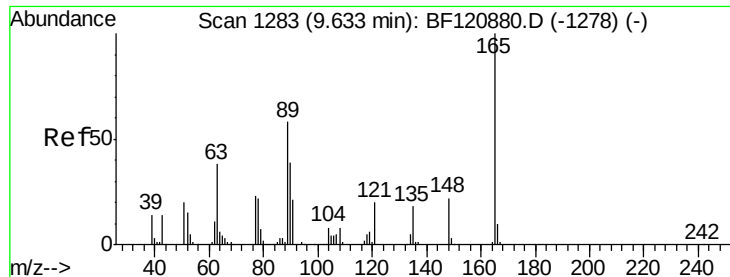


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.426 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

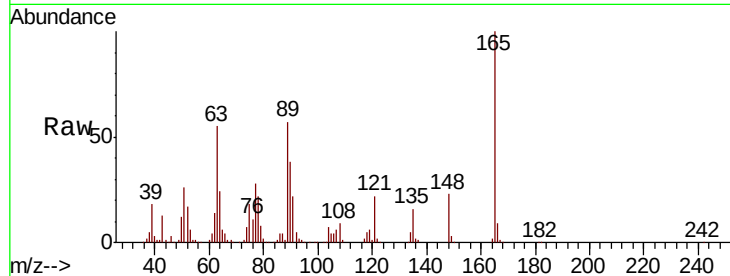
Tot Ion:165 Resp: 271475

Ion Ratio Lower Upper

165 100

63 54.7 45.4 68.2

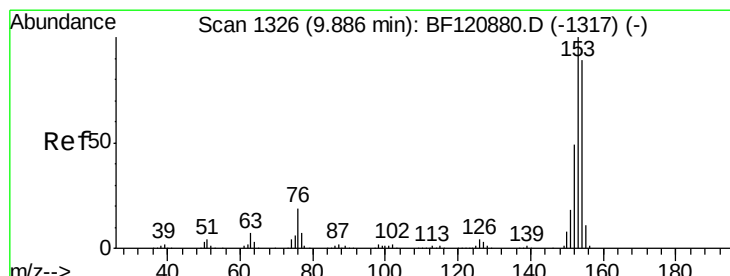
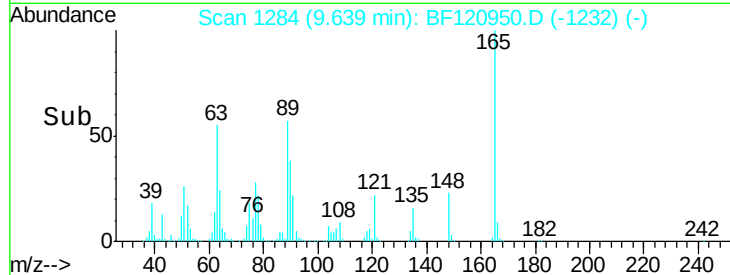
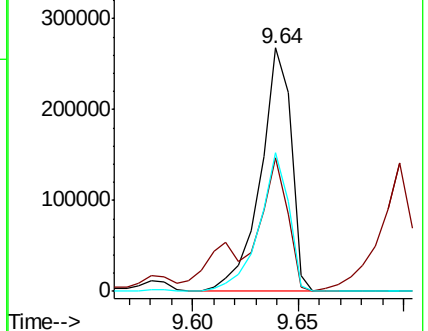
89 56.9 47.0 70.4



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: 42.019 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

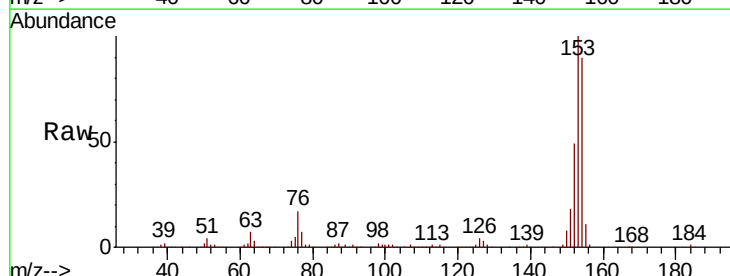
Tgt Ion:154 Resp: 995186

Ion Ratio Lower Upper

154 100

153 110.7 89.5 134.3

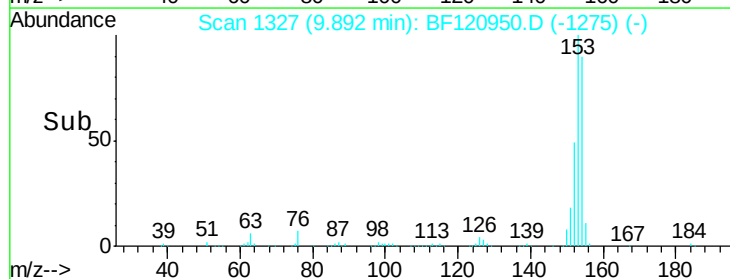
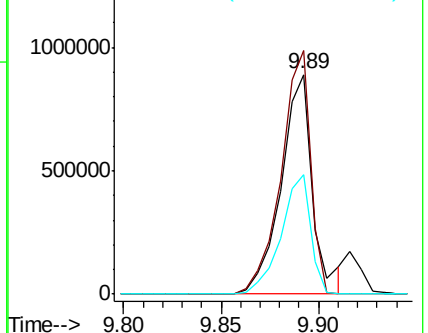
152 54.1 44.2 66.2

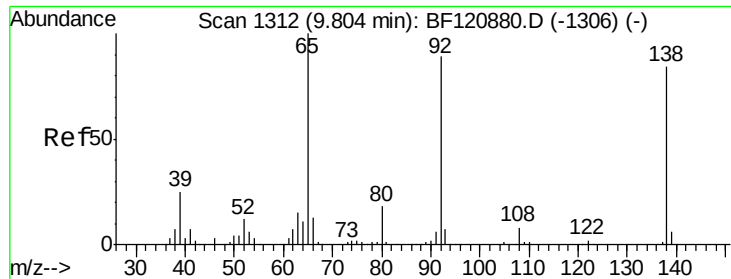


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

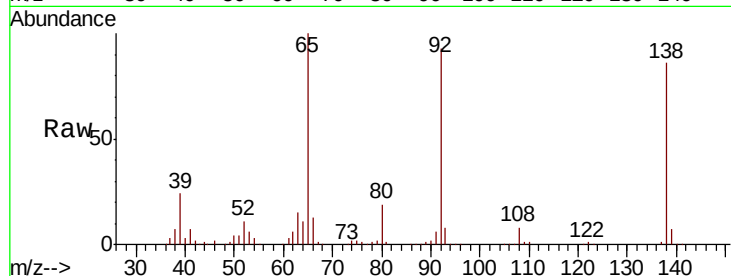




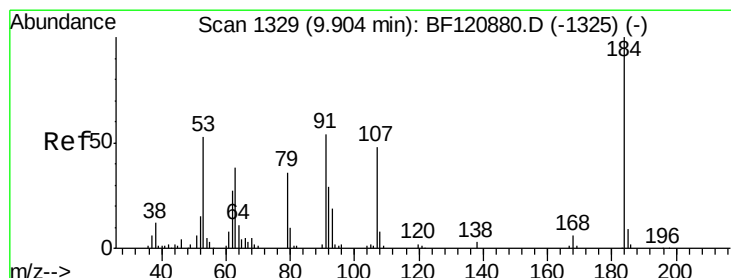
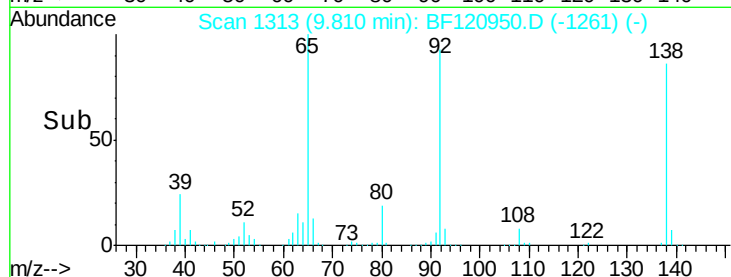
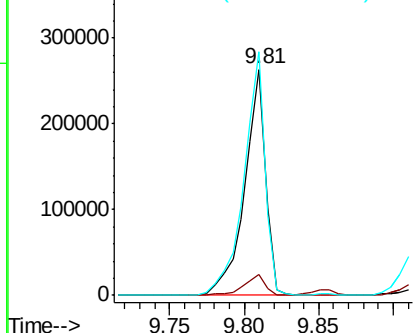
#53
3-Nitroaniline
Concen: 34.233 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion:138 Resp: 256587
Ion Ratio Lower Upper
138 100
108 9.5 7.9 11.9
92 107.7 85.3 127.9

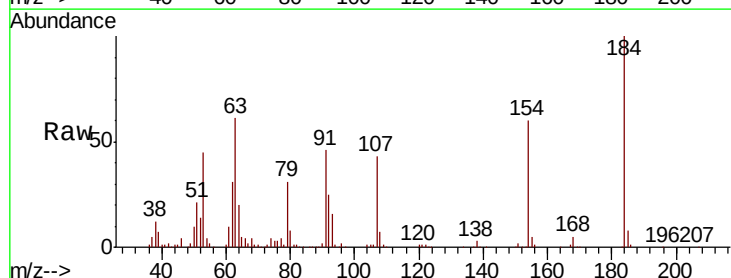


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

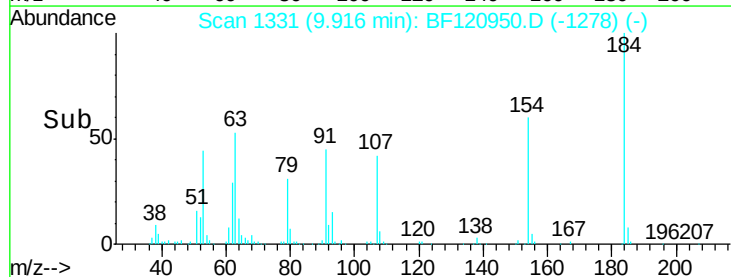
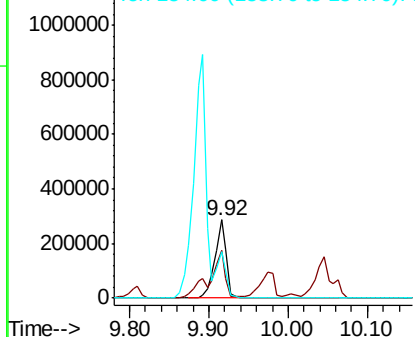


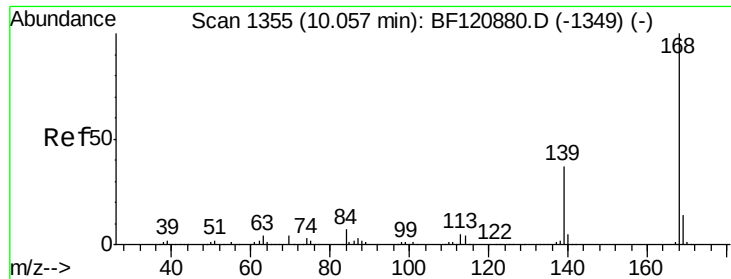
#54
2,4-Dinitrophenol
Concen: 83.719 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion:184 Resp: 289182
Ion Ratio Lower Upper
184 100
63 61.0 57.9 86.9
154 60.0 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

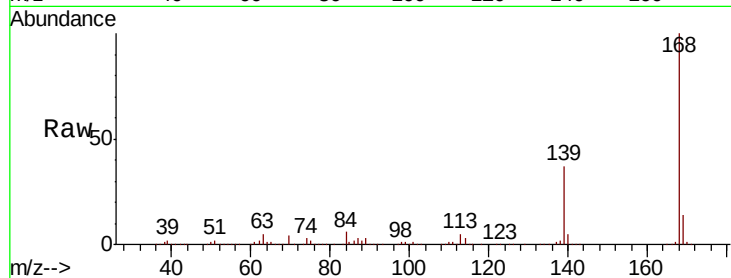




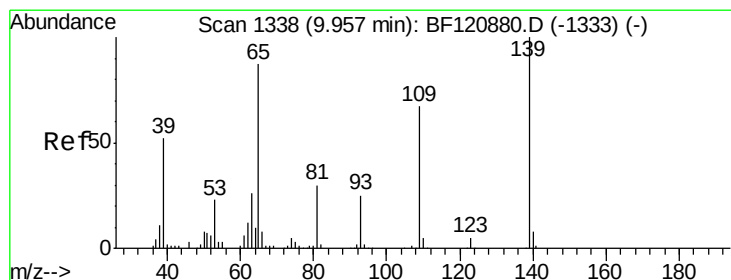
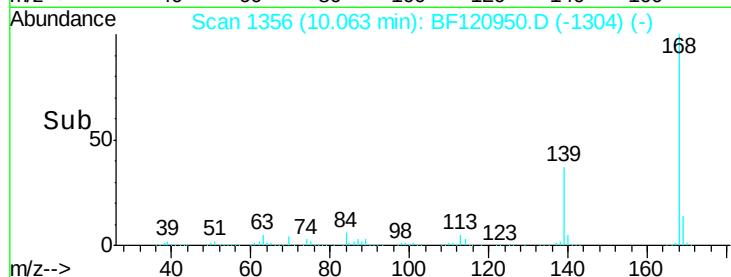
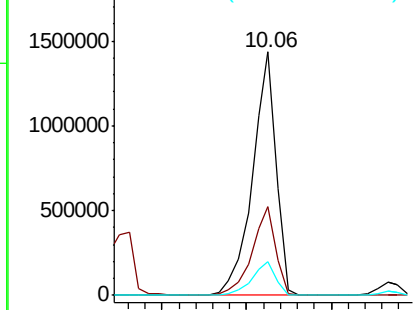
#55
Dibenzenofuran
Concen: 40.872 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion:168 Resp: 1399859
Ion Ratio Lower Upper
168 100
139 36.6 29.7 44.5
169 13.8 11.1 16.7

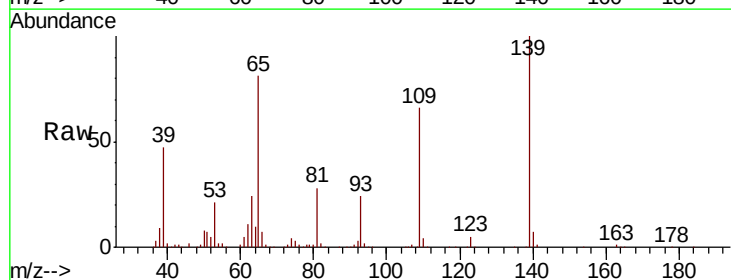


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

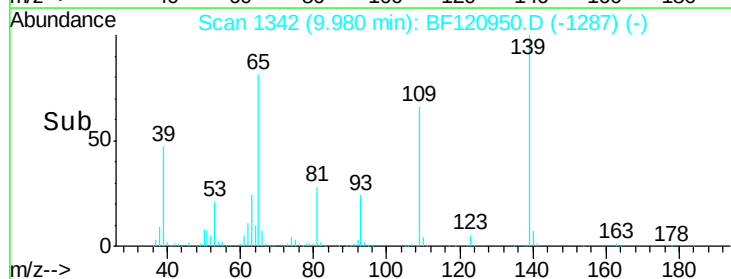
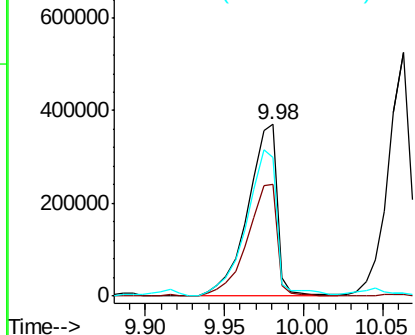


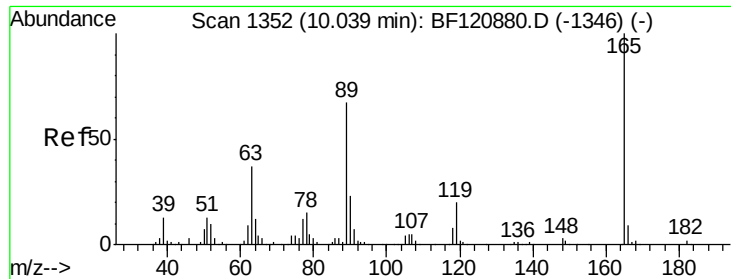
#56
4-Nitrophenol
Concen: 84.524 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion:139 Resp: 481244
Ion Ratio Lower Upper
139 100
109 65.5 47.3 87.3
65 80.8 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

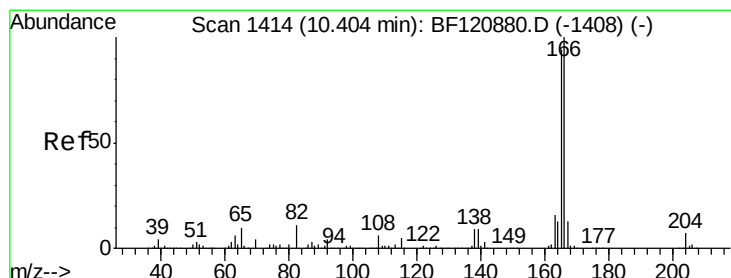
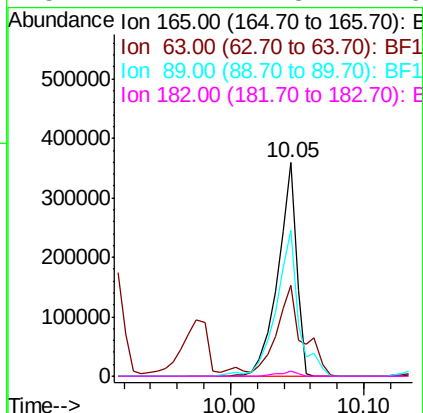
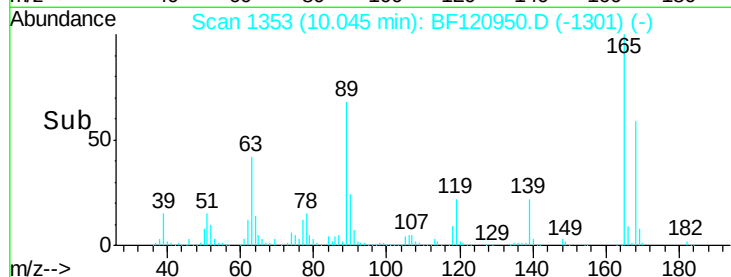
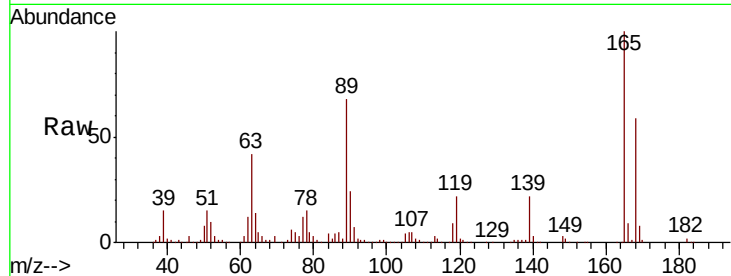




#57
2,4-Dinitrotoluene
Concen: 45.492 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

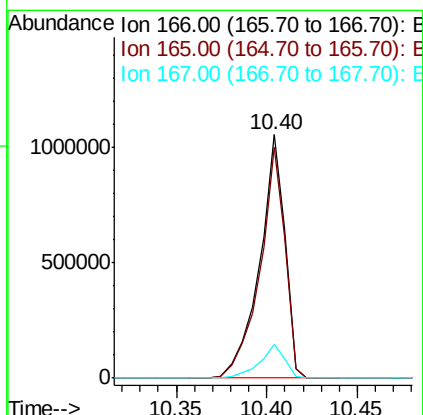
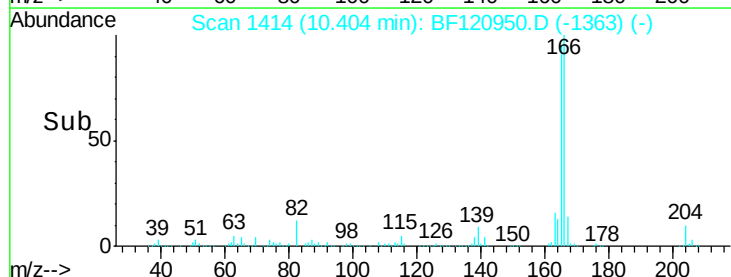
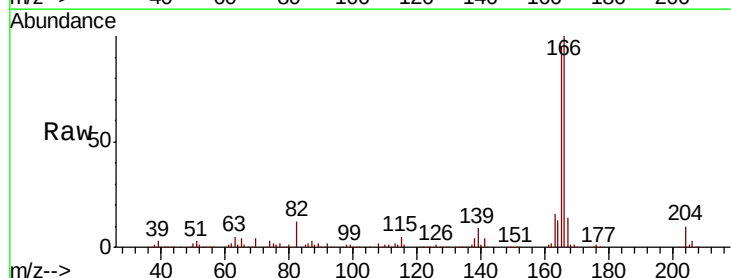
Instrument :
BNA_F
ClientSampleId :
PB130301BSD

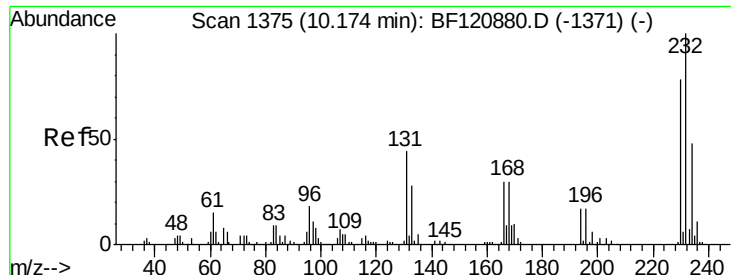
Tot Ion:	165	Resp:	357020
Ion	Ratio	Lower	Upper
165	100		
63	42.4	29.4	44.2
89	68.3	53.4	80.0
182	2.4	1.8	2.6



#58
Fluorene
Concen: 40.135 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion:	166	Resp:	1025227
Ion	Ratio	Lower	Upper
166	100		
165	94.8	75.4	113.0
167	14.0	10.6	15.8

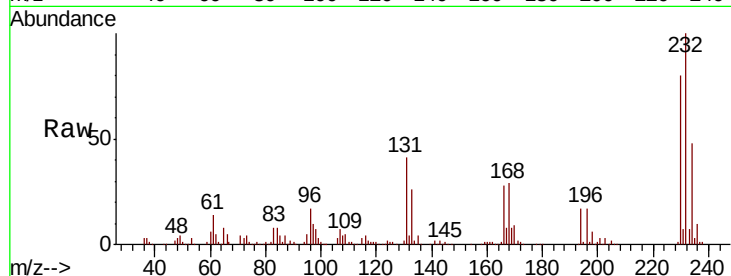




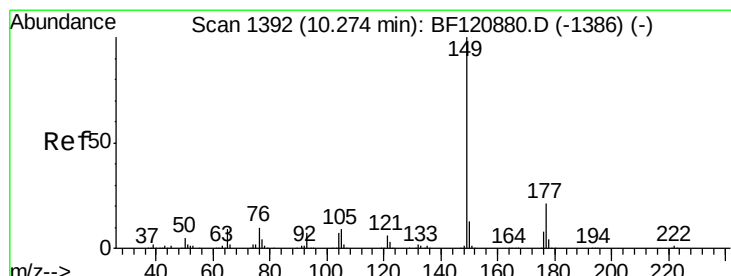
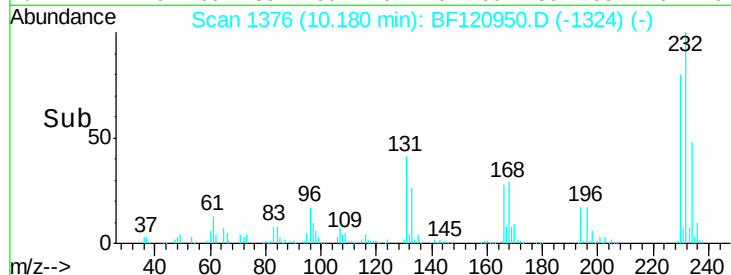
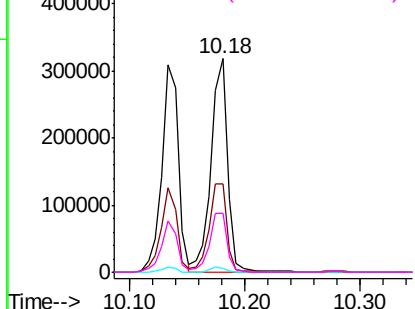
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.368 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion:232 Resp: 316755
Ion Ratio Lower Upper
232 100
131 44.7 37.1 55.7
130 2.1 1.7 2.5
166 29.3 24.2 36.4

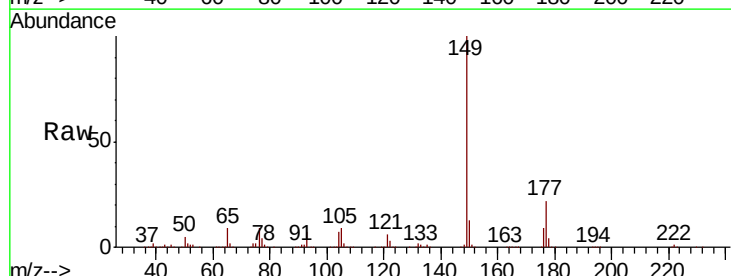


Abundance Ion 232.00 (231.70 to 232.70): E
500000
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

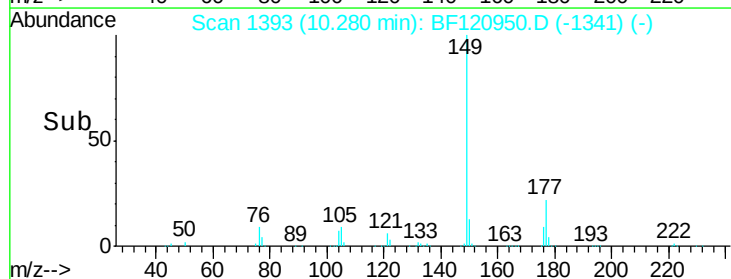
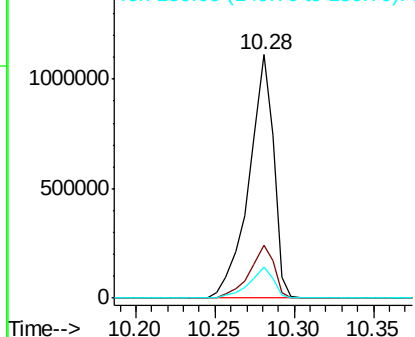


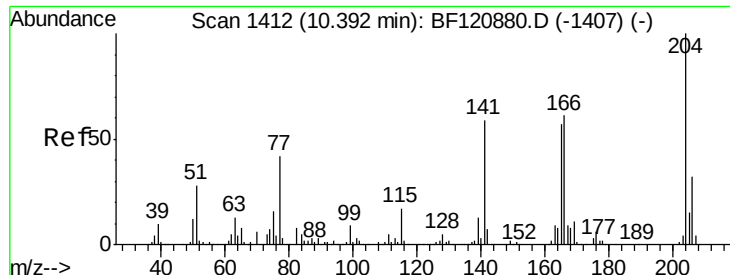
#60
Diethylphthalate
Concen: 42.576 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion:149 Resp: 1197920
Ion Ratio Lower Upper
149 100
177 22.0 17.1 25.7
150 12.6 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E
1500000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

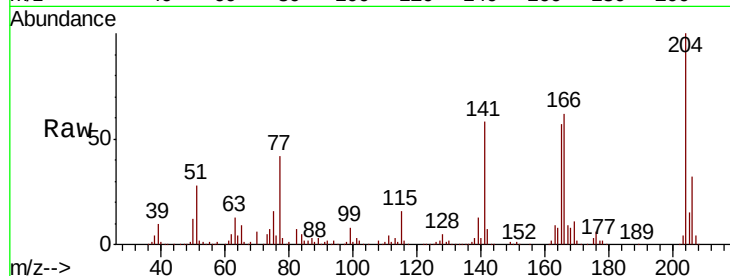




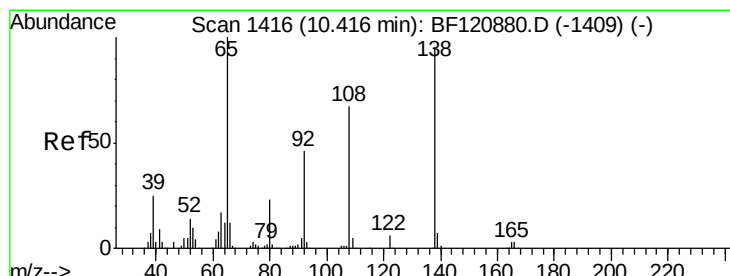
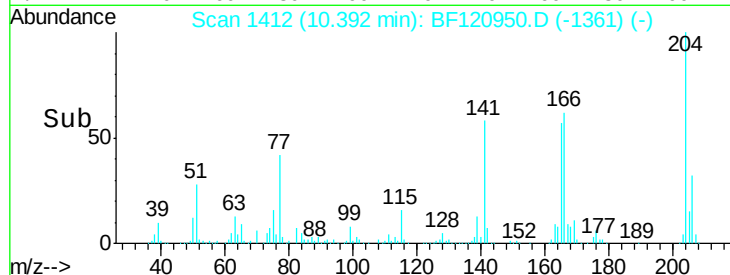
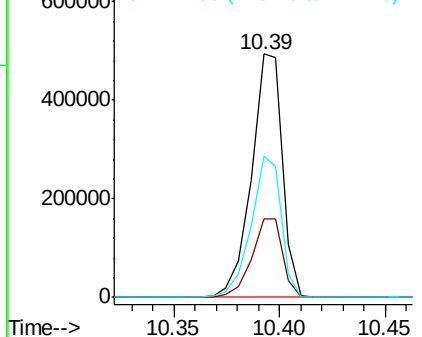
#61
4-Chlorophenyl-phenylether
Concen: 36.925 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion:204 Resp: 503094
Ion Ratio Lower Upper
204 100
206 32.3 25.9 38.9
141 58.1 47.2 70.8

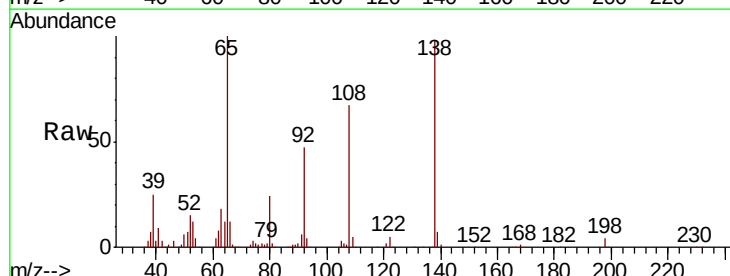


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

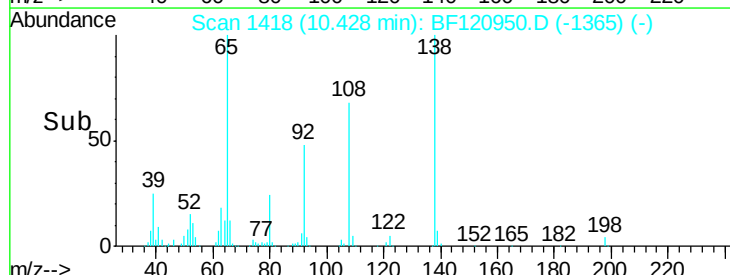
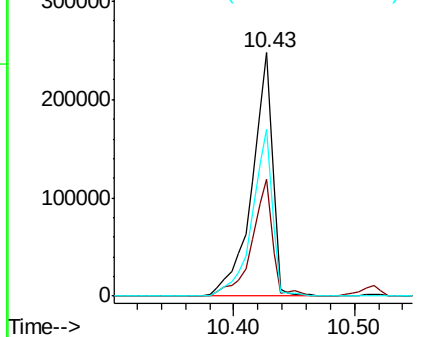


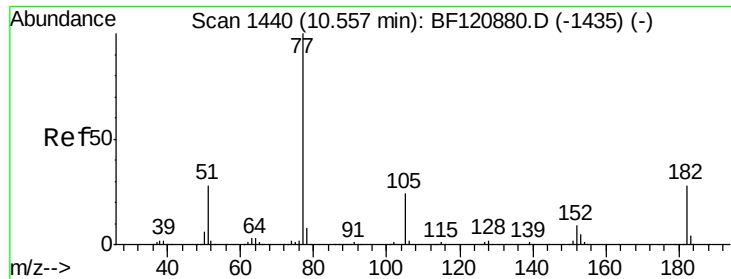
#62
4-Nitroaniline
Concen: 40.637 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion:138 Resp: 296696
Ion Ratio Lower Upper
138 100
92 48.1 28.6 68.6
108 68.4 51.1 91.1



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





#63

Azobenzene

Concen: 41.914 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

Tot Ion: 77 Resp: 1122705

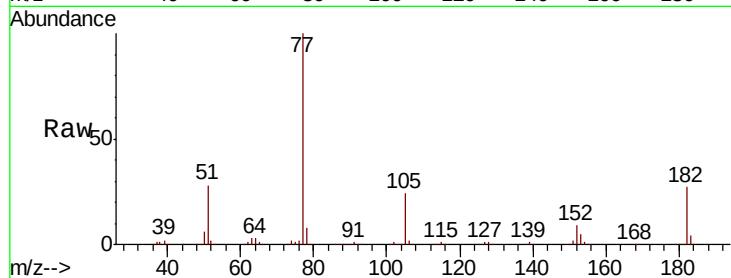
Ion Ratio Lower Upper

77 100

182 26.7 7.8 47.8

105 23.8 4.4 44.4

51 28.0 8.0 48.0

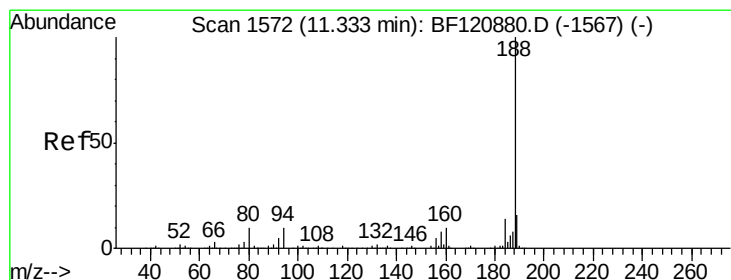
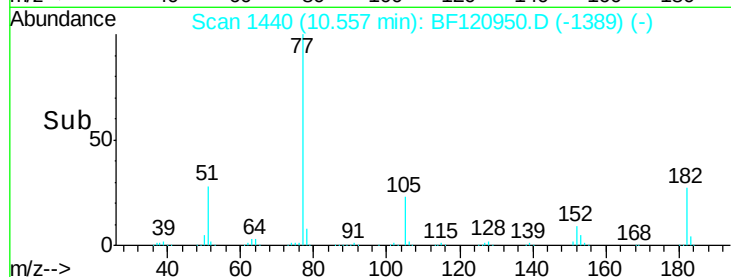
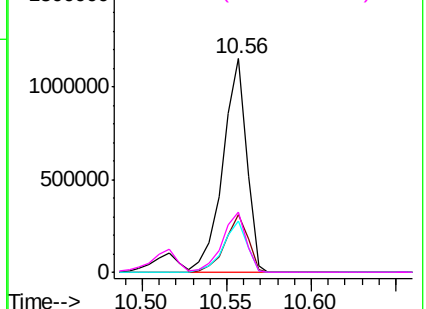


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF120950.D

Acq: 21 Jul 2020 11:05

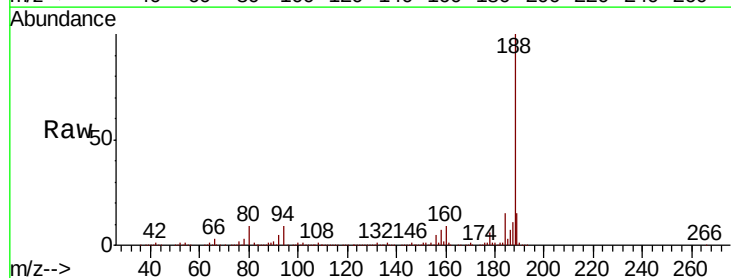
Tgt Ion: 188 Resp: 728252

Ion Ratio Lower Upper

188 100

94 8.9 8.0 12.0

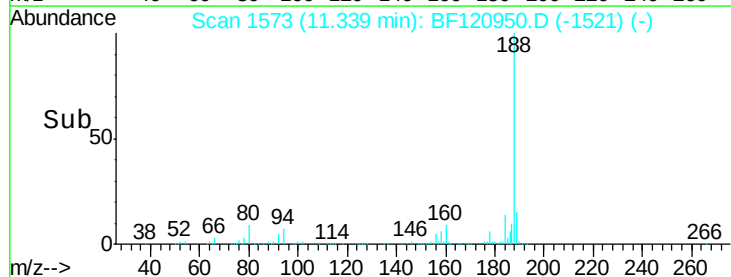
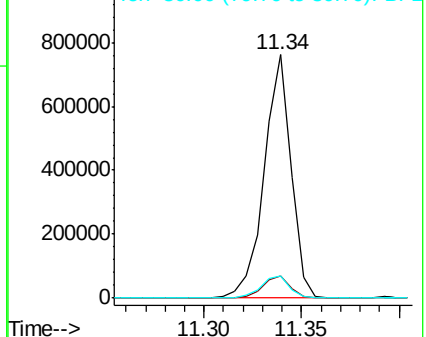
80 9.3 8.3 12.5

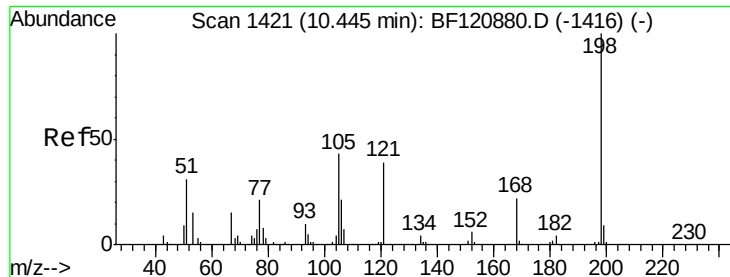


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

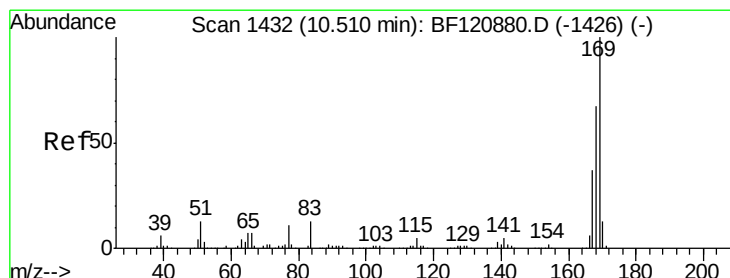
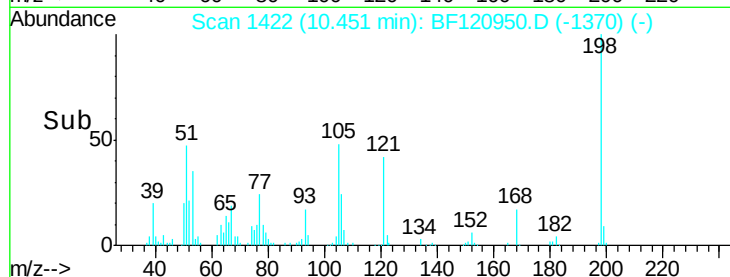
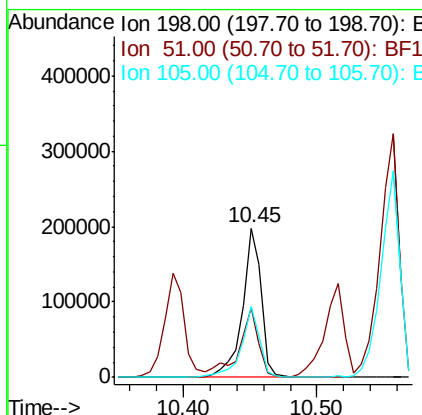
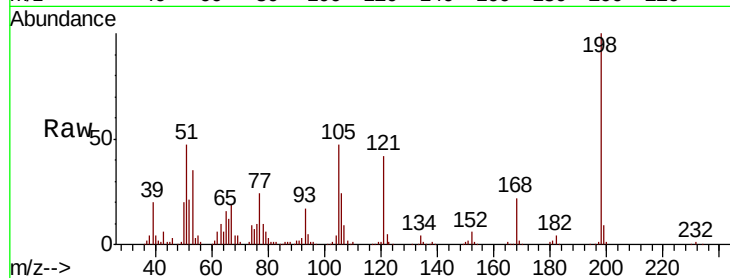




#65
4,6-Dinitro-2-methylphenol
Concen: 45.786 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

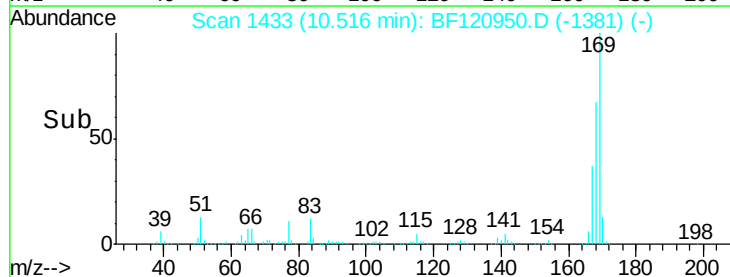
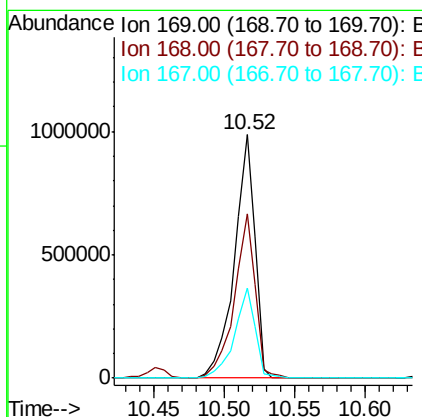
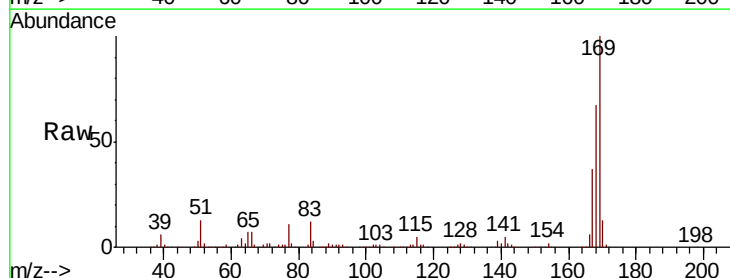
Instrument :
BNA_F
ClientSampleId :
PB130301BSD

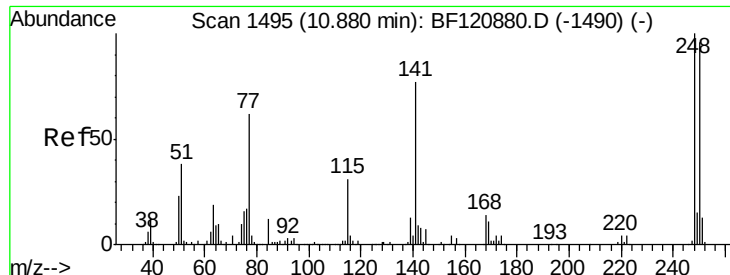
Tot Ion:198 Resp: 192170
Ion Ratio Lower Upper
198 100
51 46.9 19.5 59.5
105 47.4 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 43.531 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion:169 Resp: 997265
Ion Ratio Lower Upper
169 100
168 67.2 53.4 80.0
167 37.2 29.4 44.0

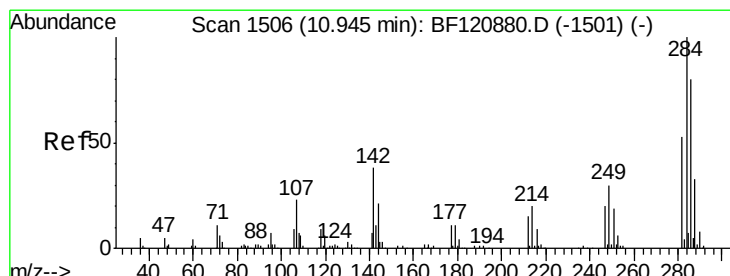
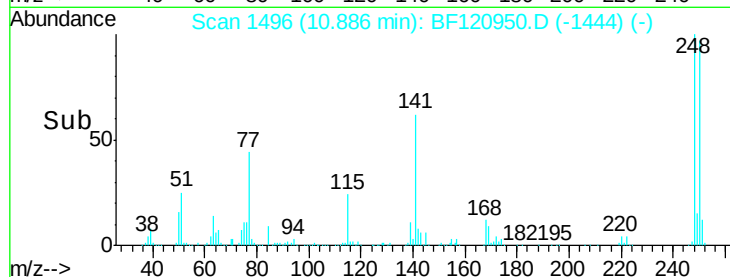
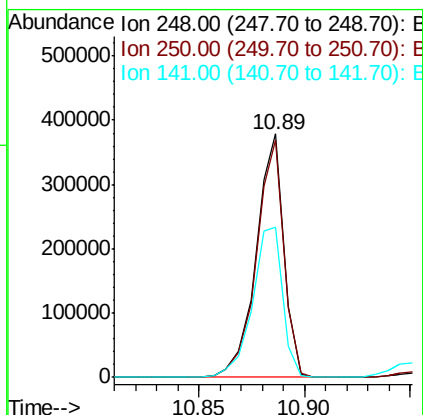
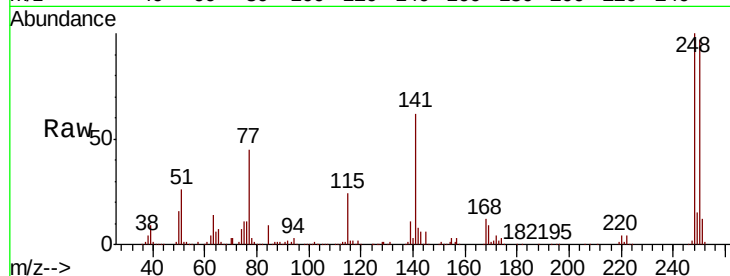




#67
4-Bromophenyl-phenylether
Concen: 42.481 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

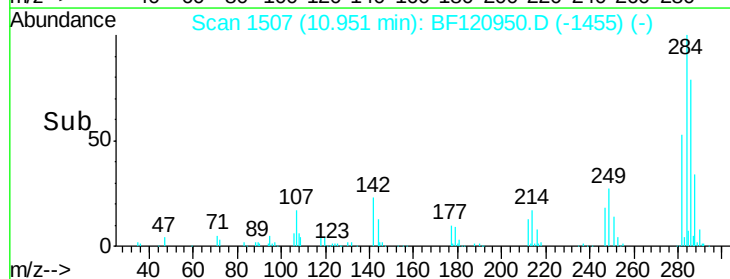
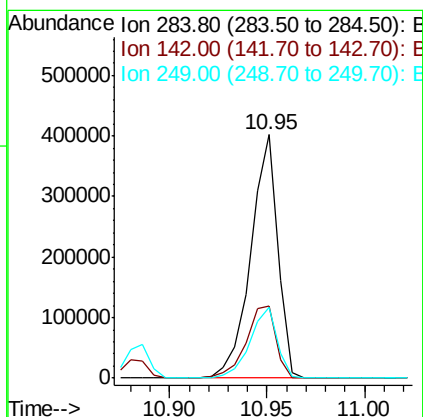
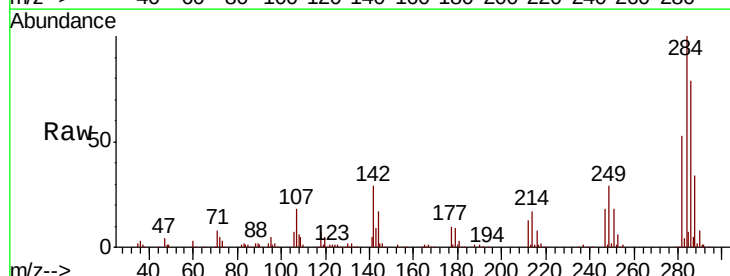
Instrument :
BNA_F
ClientSampleId :
PB130301BSD

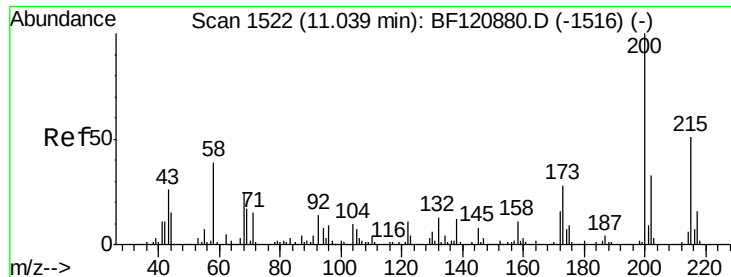
Tot Ion:248 Resp: 344918
Ion Ratio Lower Upper
248 100
250 97.3 77.1 115.7
141 61.8 61.2 91.8



#68
Hexachlorobenzene
Concen: 43.874 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion:284 Resp: 385350
Ion Ratio Lower Upper
284 100
142 29.5 30.2 45.2#
249 29.1 24.2 36.2

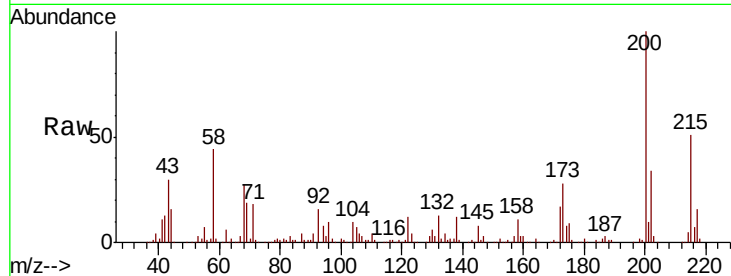




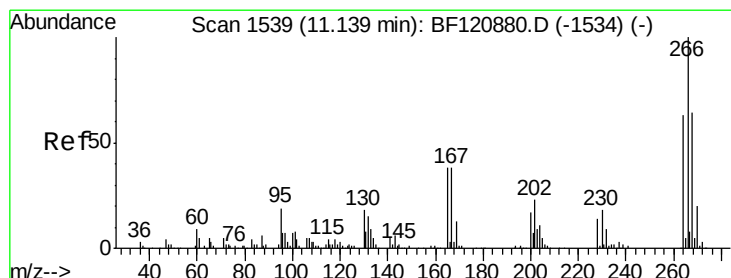
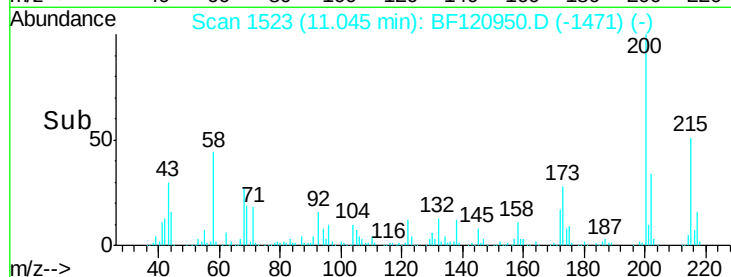
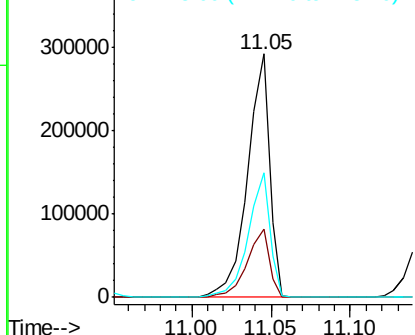
#69
 Atrazine
 Concen: 49.704 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BSD

Tot Ion:200 Resp: 282006
 Ion Ratio Lower Upper
 200 100
 173 27.9 8.0 48.0
 215 51.3 31.5 71.5

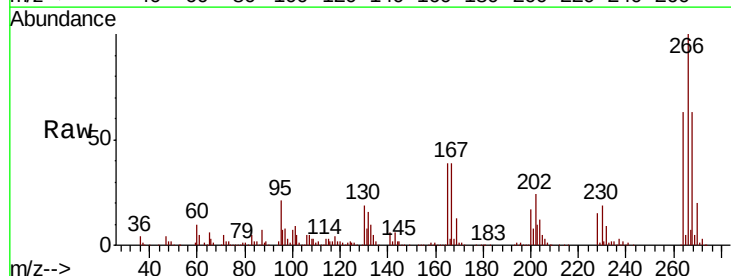


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

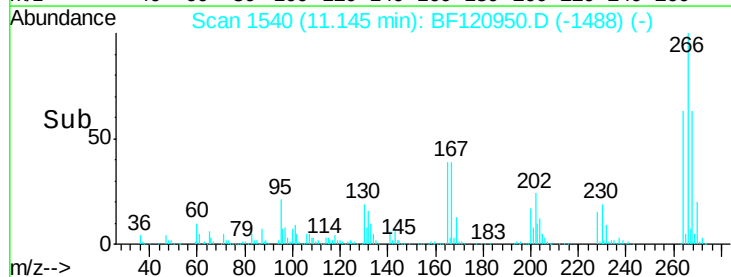
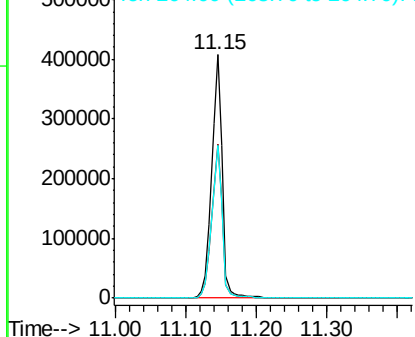


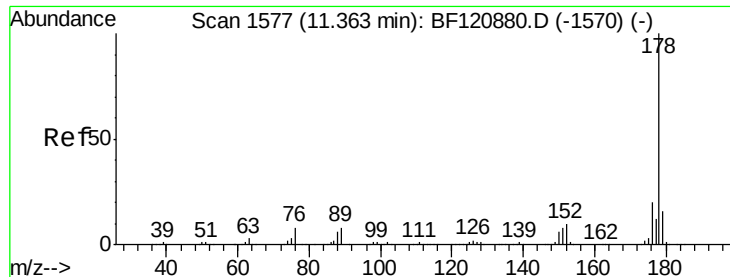
#70
 Pentachlorophenol
 Concen: 85.929 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Tgt Ion:266 Resp: 432368
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 62.8 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

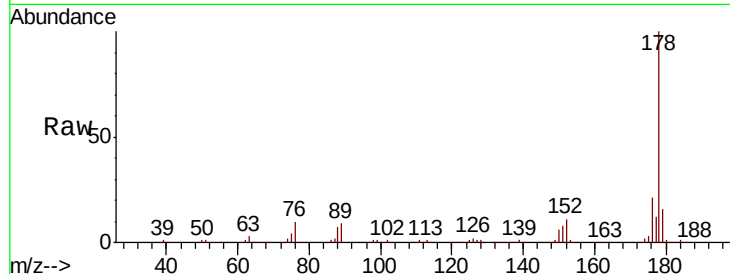




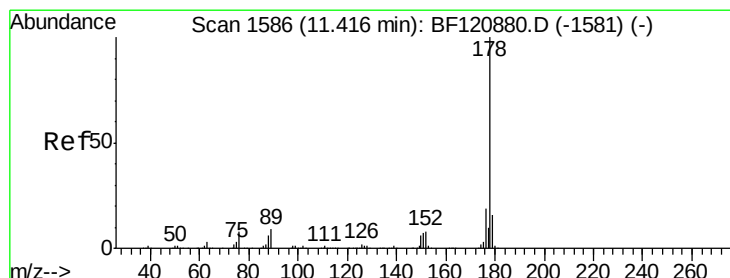
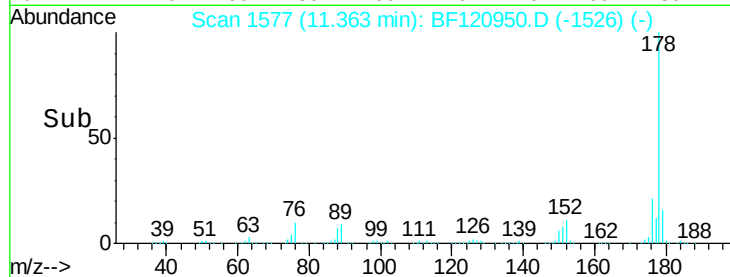
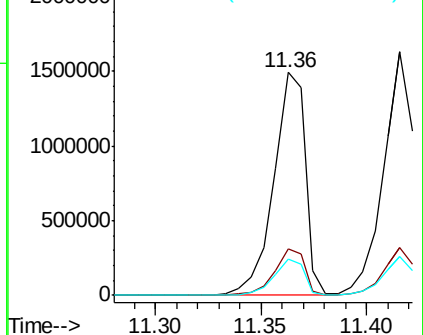
#71
Phenanthrene
Concen: 41.570 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion:178 Resp: 1556966
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.4 12.8 19.2

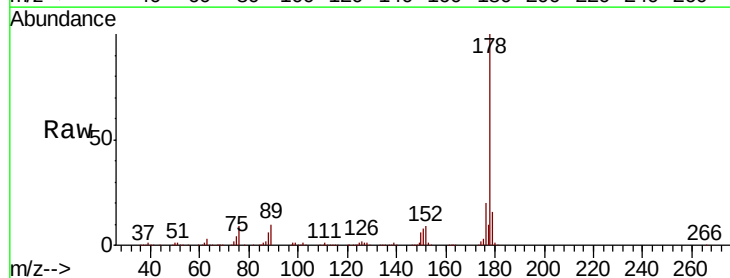


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

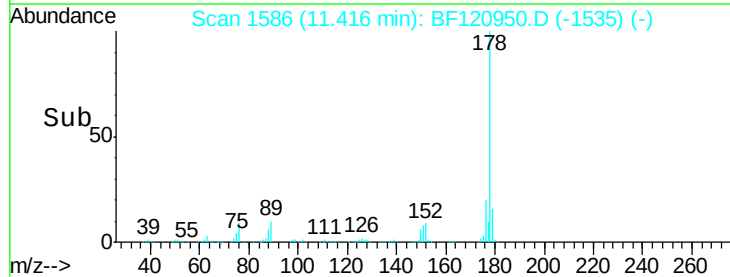
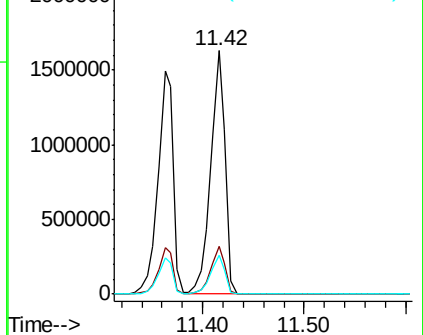


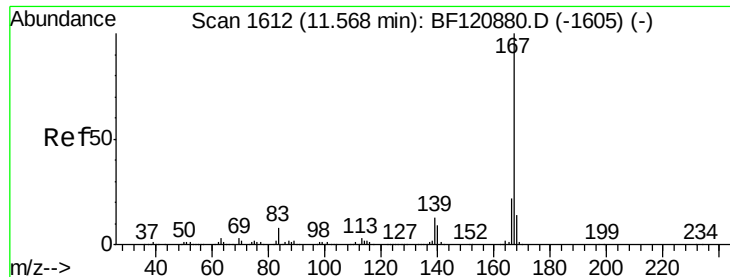
#72
Anthracene
Concen: 42.768 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion:178 Resp: 1608494
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 16.1 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



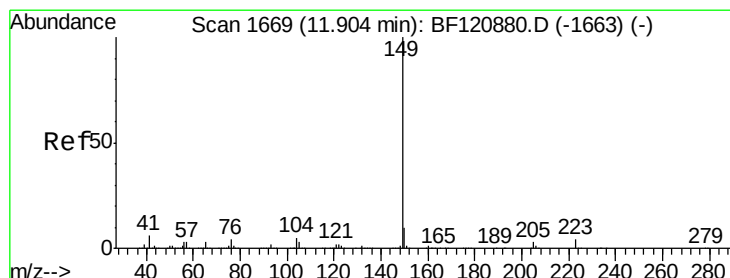
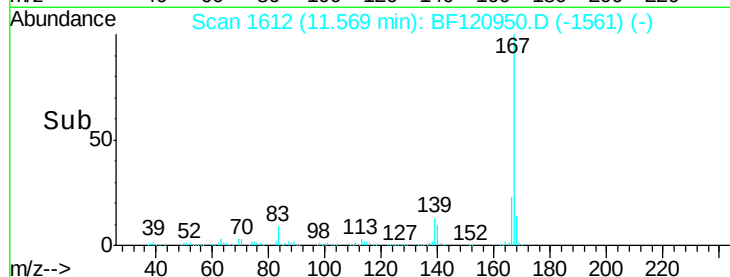
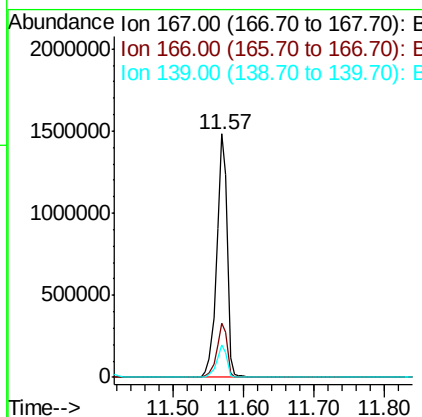
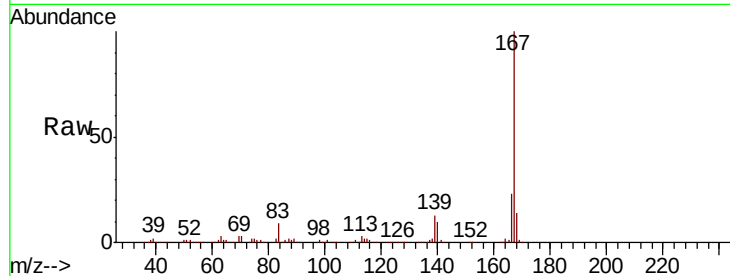


#73
 Carbazole
 Concen: 40.840 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BSD

Tot Ion:167 Resp: 1524297

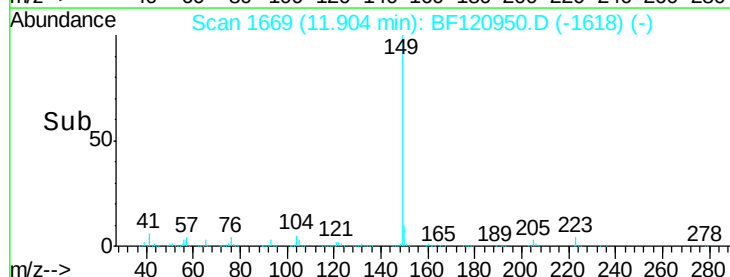
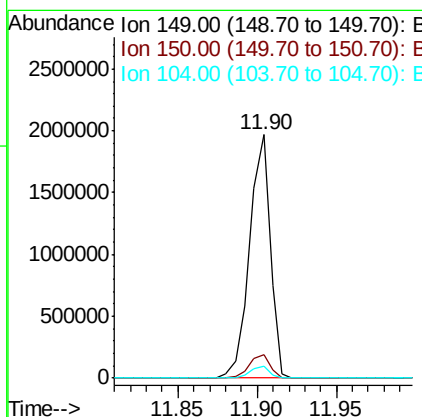
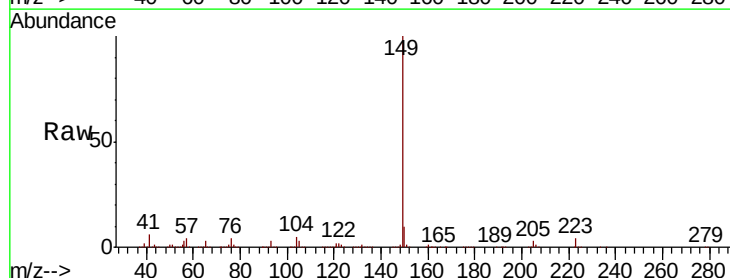
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.7	26.5
139	13.2	10.1	15.1

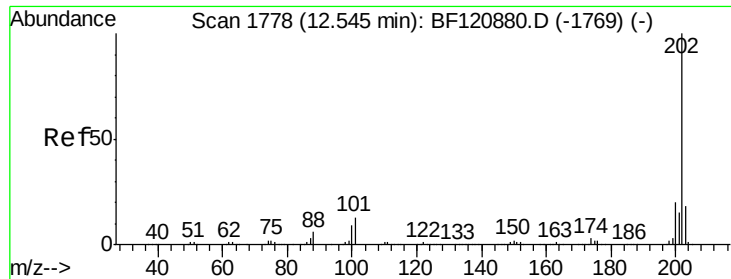


#74
 Di-n-butylphthalate
 Concen: 41.412 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Tgt Ion:149 Resp: 1783682

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	4.9	3.8	5.6

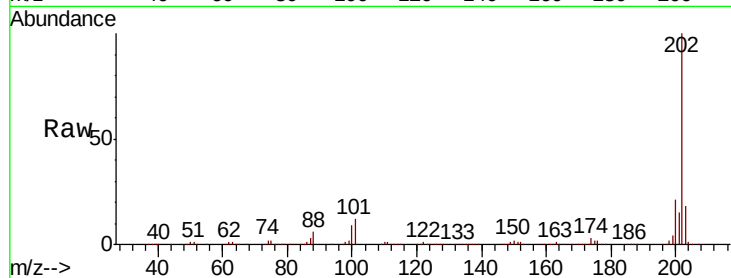




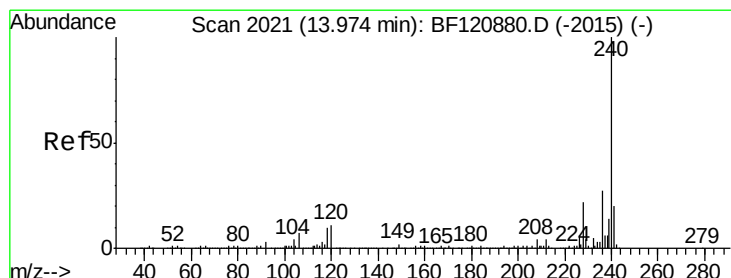
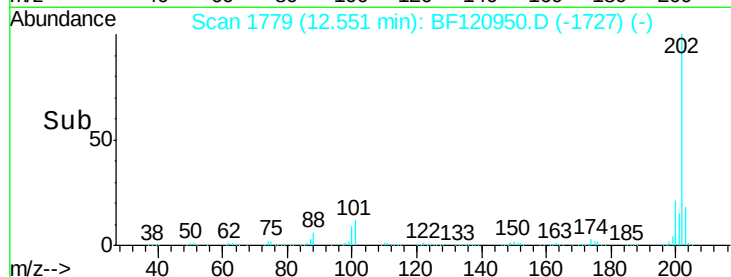
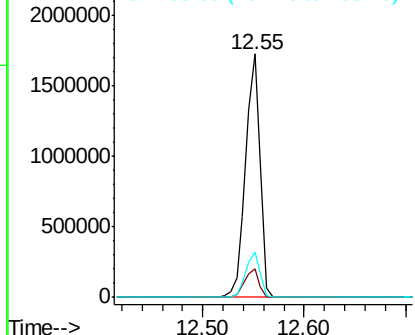
#75
Fluoranthene
Concen: 41.442 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Tot Ion:202 Resp: 1720468
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.7
203 18.3 0.0 38.0

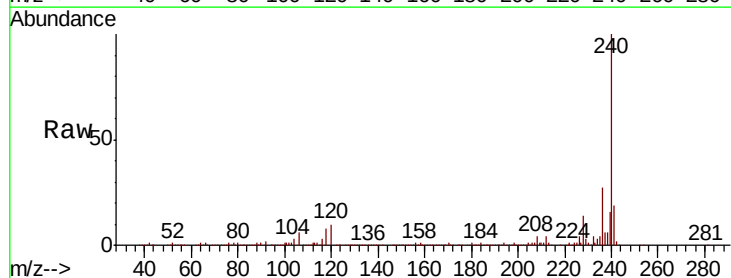


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

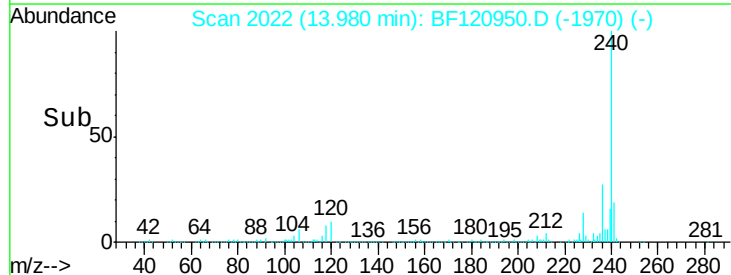
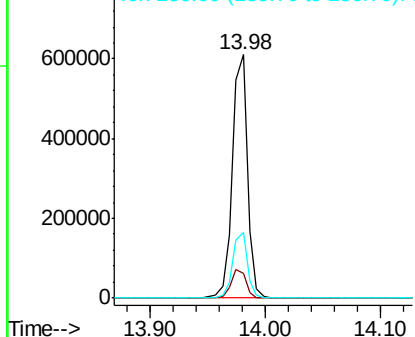


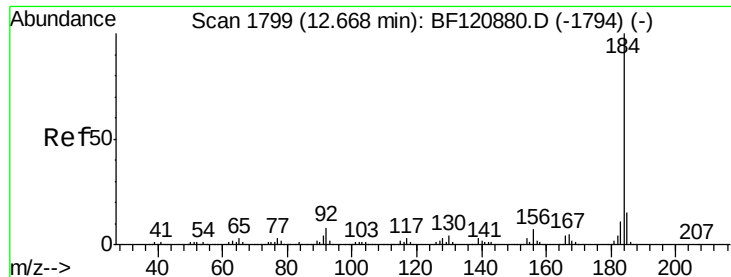
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion:240 Resp: 550474
Ion Ratio Lower Upper
240 100
120 9.9 9.0 13.4
236 26.9 21.7 32.5



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





#77

Benzidine

Concen: 58.953 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

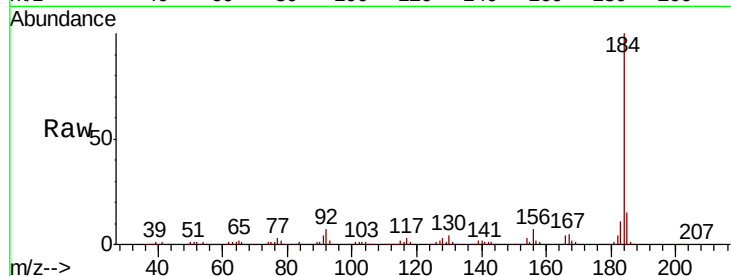
Tot Ion:184 Resp: 853223

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

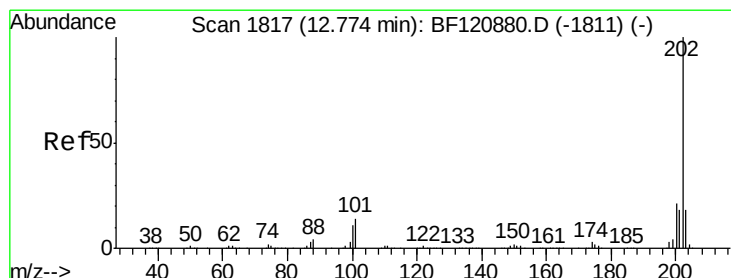
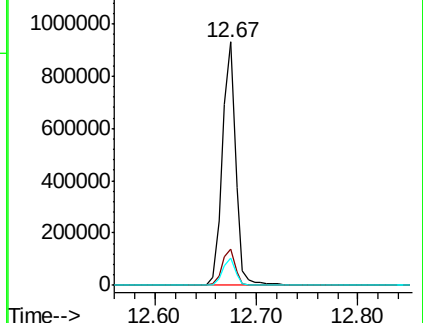
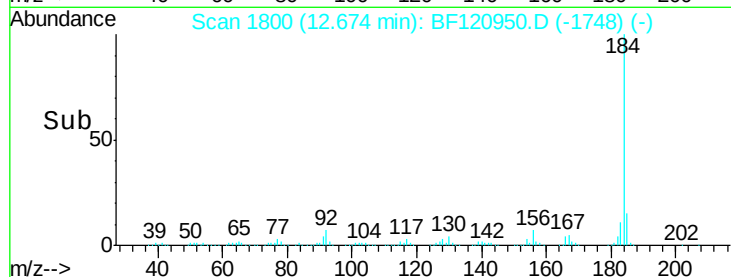
183 11.0 8.5 12.7



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: 44.845 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

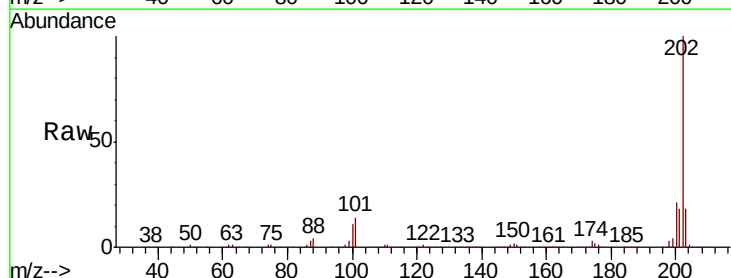
Tgt Ion:202 Resp: 1745319

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

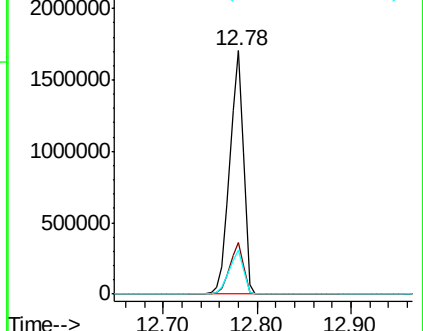
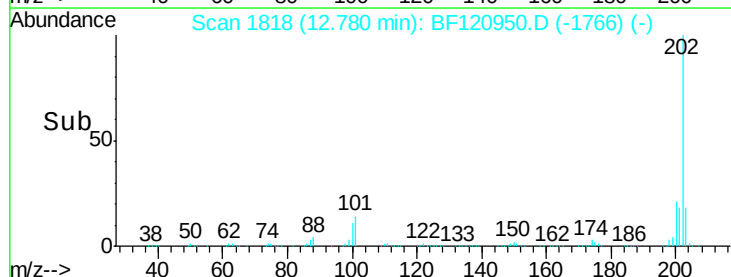
203 18.2 14.4 21.6

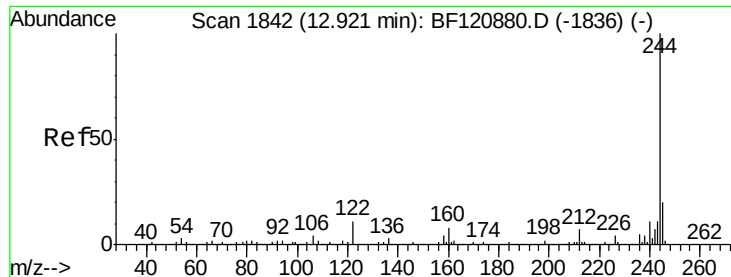


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.030 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

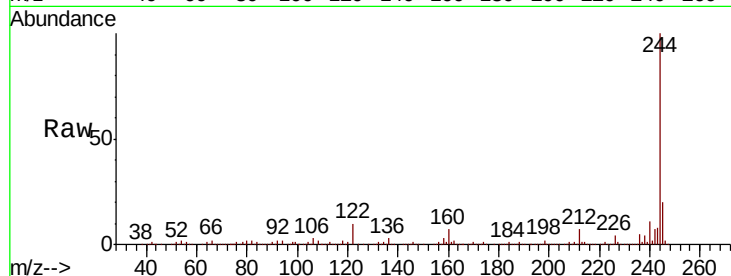
Tot Ion:244 Resp: 2178559

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

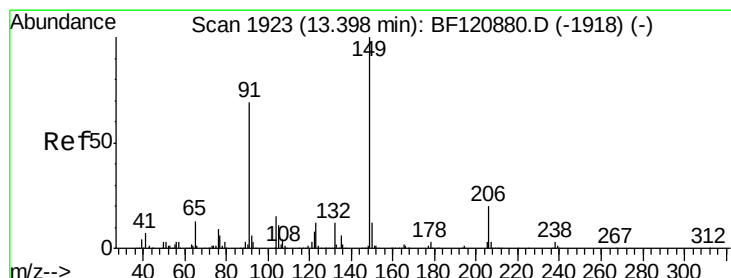
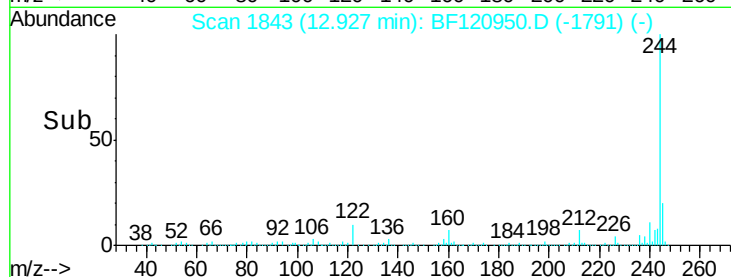
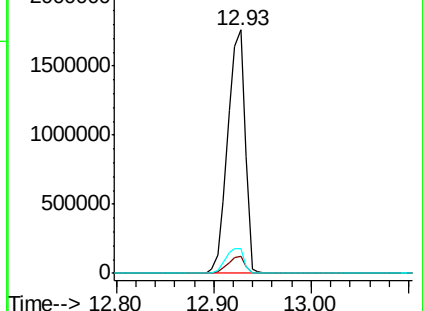
122 10.1 8.9 13.3



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: 45.569 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

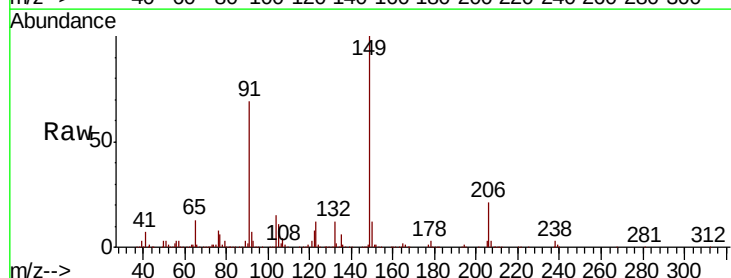
Tgt Ion:149 Resp: 790604

Ion Ratio Lower Upper

149 100

91 68.9 55.1 82.7

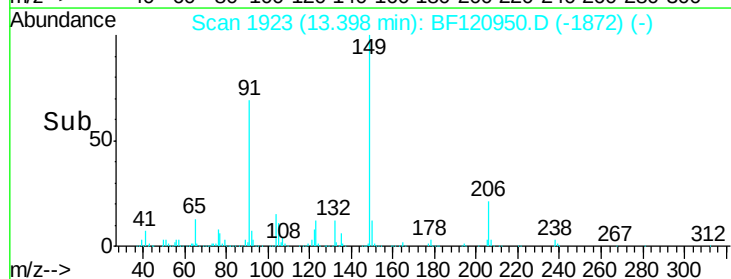
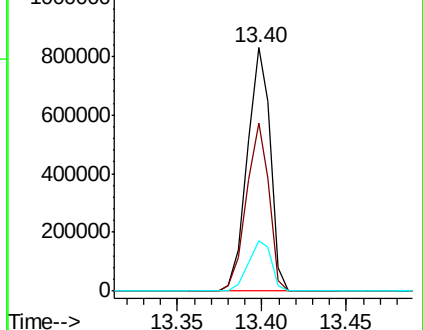
206 20.9 16.1 24.1

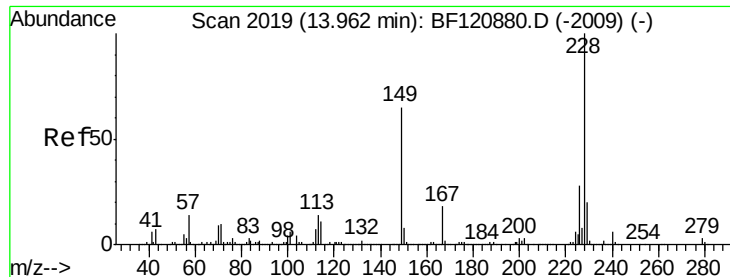


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.416 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

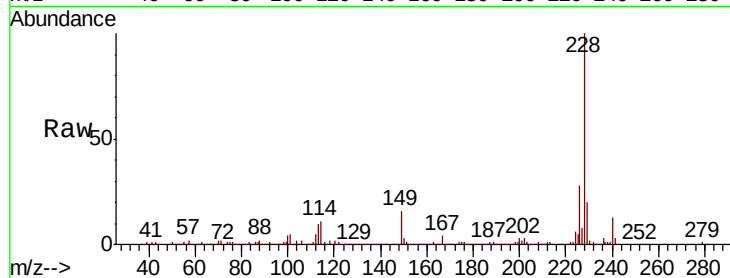
Tot Ion:228 Resp: 1380562

Ion Ratio Lower Upper

228 100

226 28.3 22.3 33.5

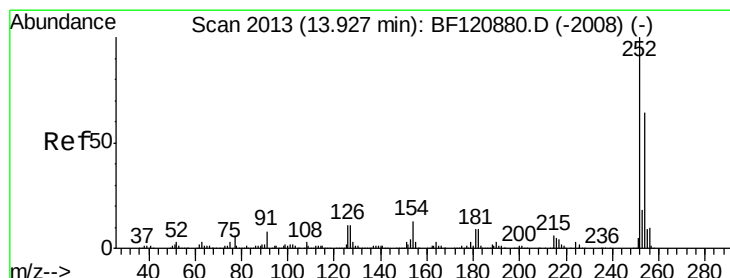
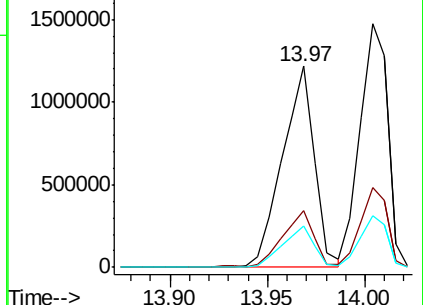
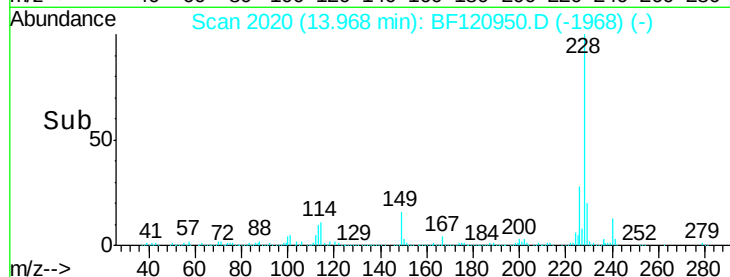
229 20.3 16.1 24.1



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: 43.271 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

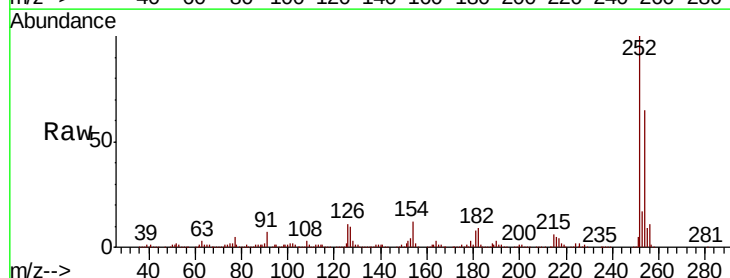
Tgt Ion:252 Resp: 544168

Ion Ratio Lower Upper

252 100

254 64.9 51.2 76.8

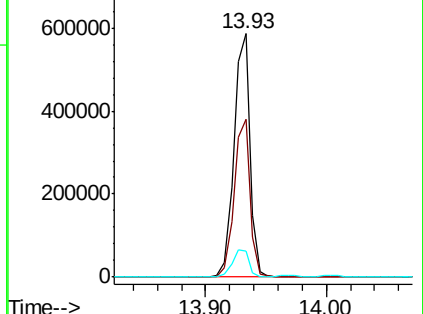
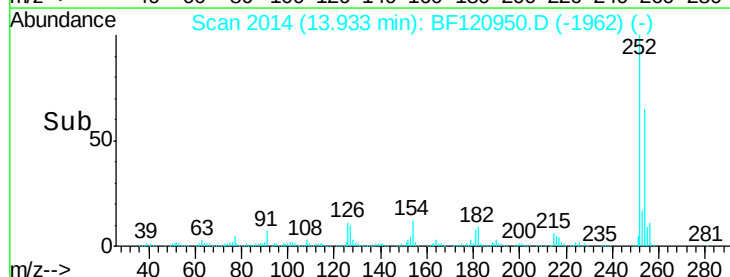
126 10.6 8.7 13.1

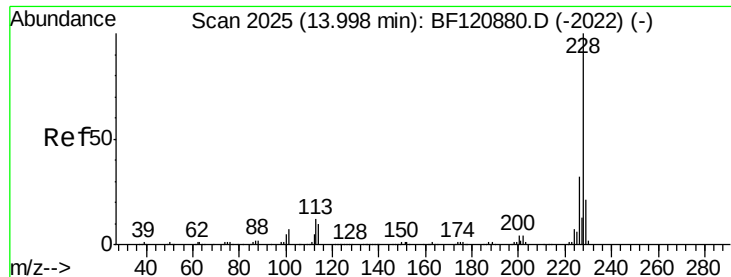


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

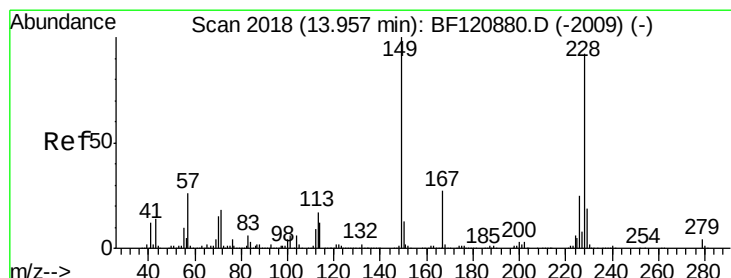
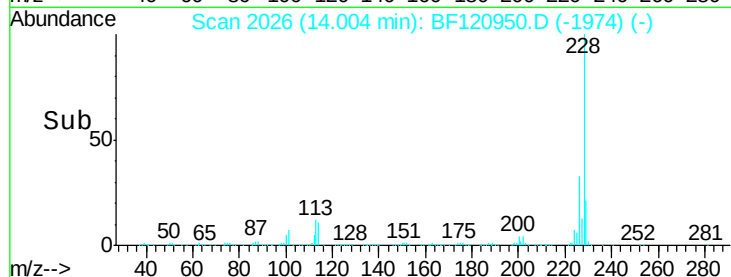
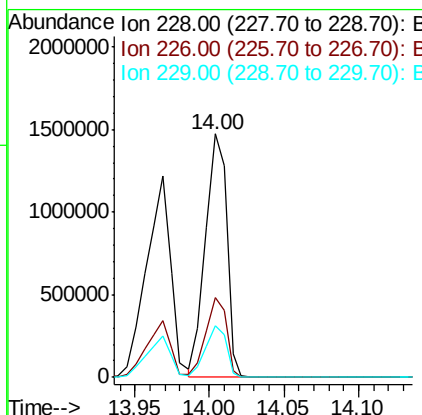
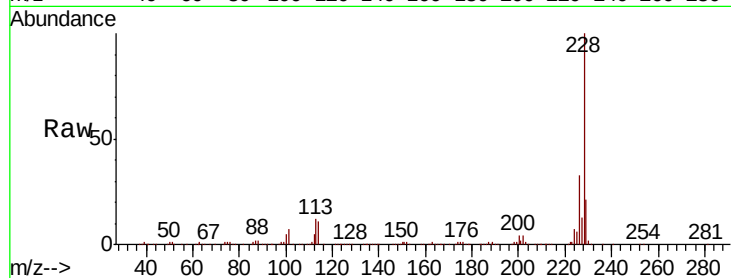




#83
 Chrysene
 Concen: 41.616 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

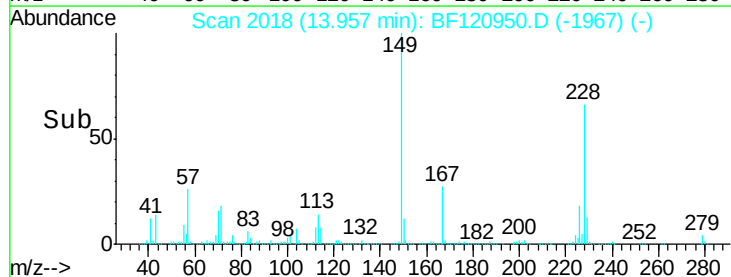
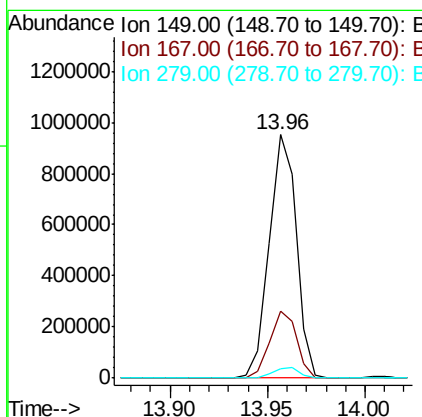
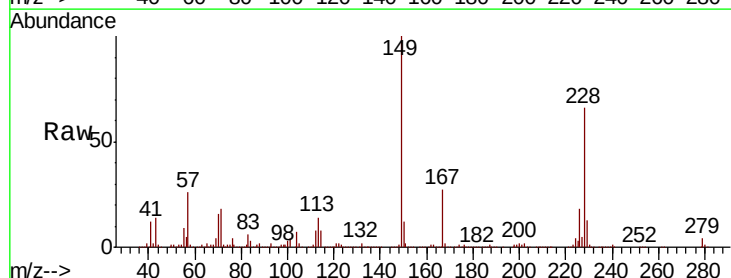
Instrument :
 BNA_F
 ClientSampleId :
 PB130301BSD

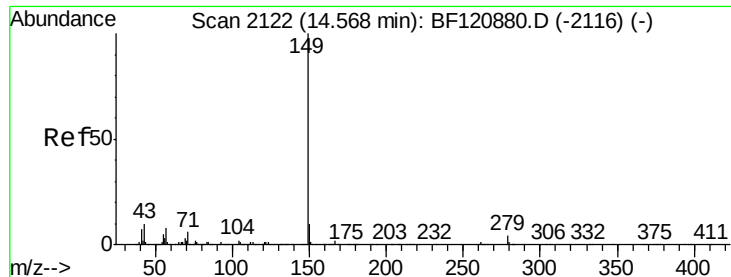
Tot Ion:228 Resp: 1457820
 Ion Ratio Lower Upper
 228 100
 226 32.6 25.6 38.4
 229 21.1 16.8 25.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.939 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Tgt Ion:149 Resp: 918622
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.9 32.9
 279 3.9 3.0 4.4

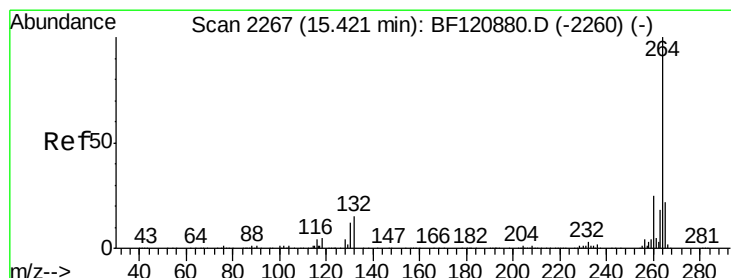
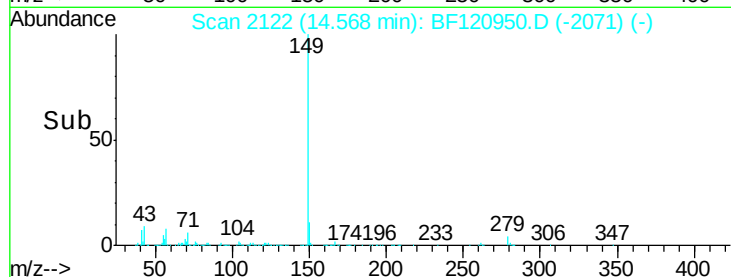
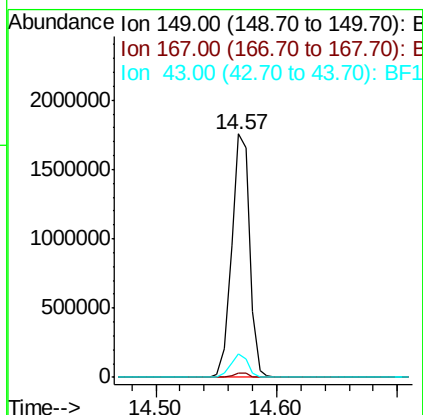
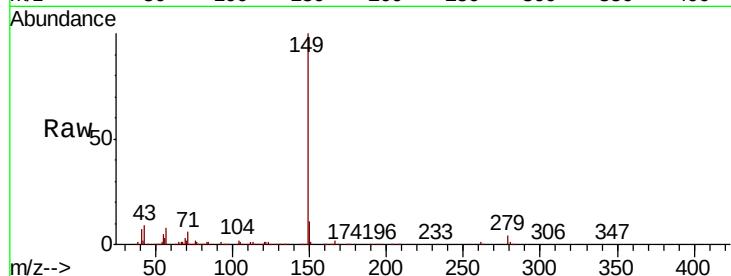




#85
Di-n-octyl phthalate
Concen: 42.705 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

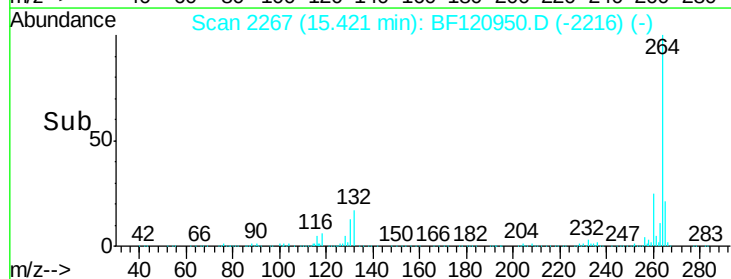
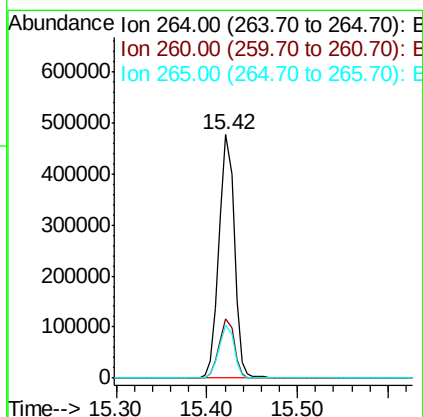
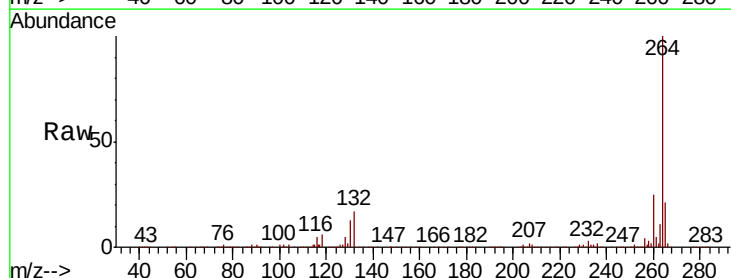
Instrument :
BNA_F
ClientSampleId :
PB130301BSD

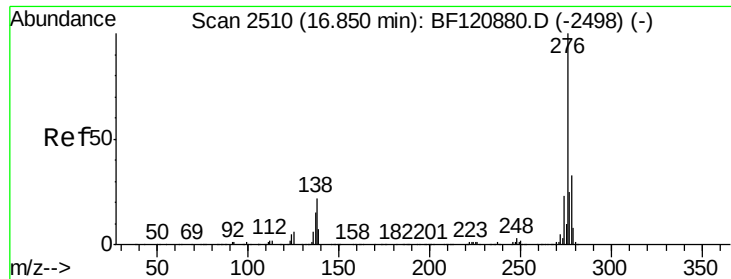
Tot Ion:149 Resp: 1817661
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.2 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120950.D
Acq: 21 Jul 2020 11:05

Tgt Ion:264 Resp: 558355
Ion Ratio Lower Upper
264 100
260 24.5 20.0 30.0
265 21.5 17.4 26.2

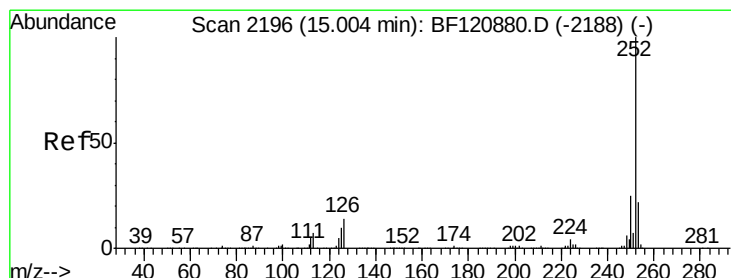
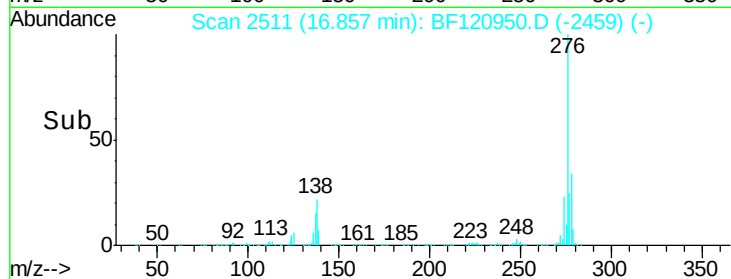
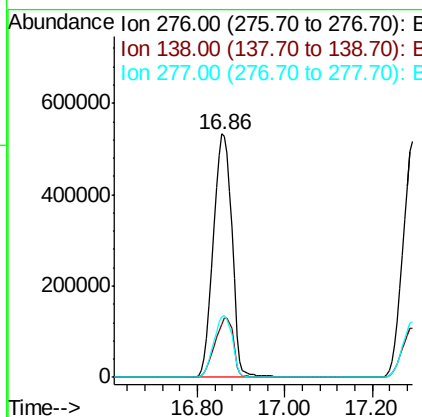
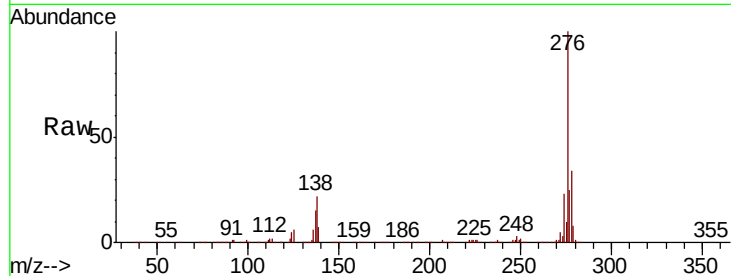




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.956 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.01 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

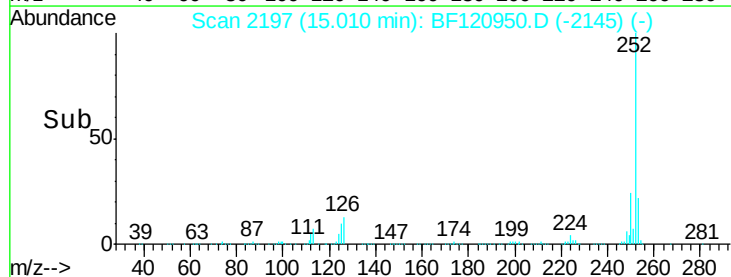
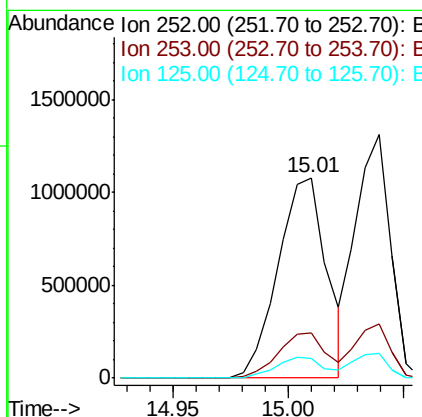
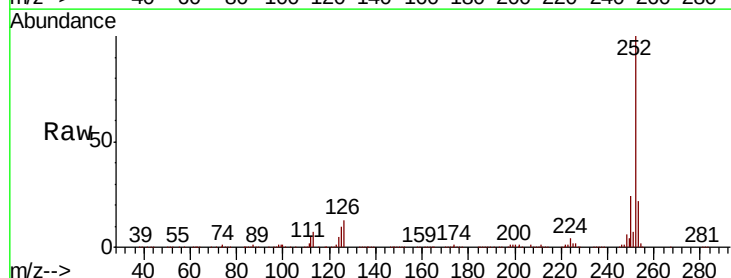
Instrument :
 BNA_F
 ClientSampleId :
 PB130301BSD

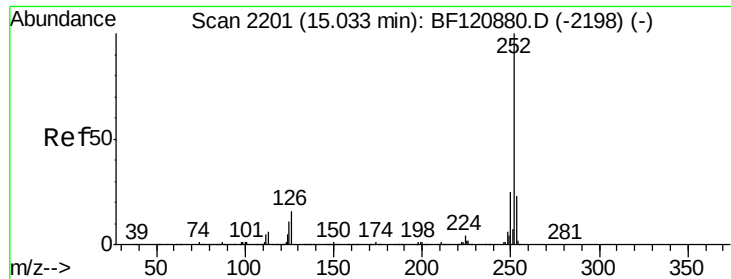
Tot Ion:276 Resp: 1590392
 Ion Ratio Lower Upper
 276 100
 138 24.5 19.8 29.8
 277 25.4 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 46.751 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF120950.D
 Acq: 21 Jul 2020 11:05

Tgt Ion:252 Resp: 1577866
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.0 27.0
 125 10.1 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 45.051 ng

RT: 15.04 min Scan# 2202

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

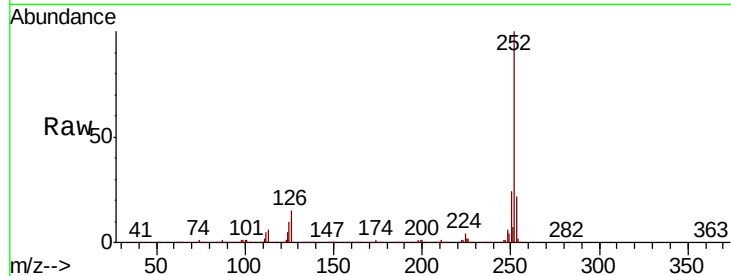
Tot Ion:252 Resp: 1386694

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

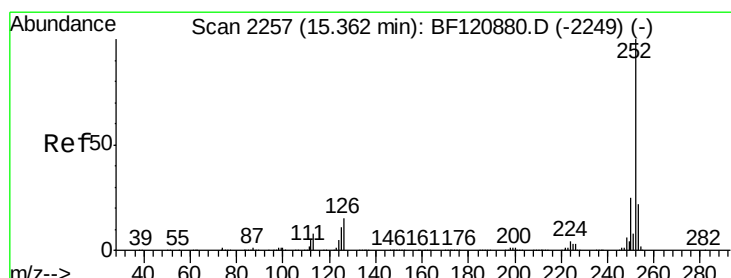
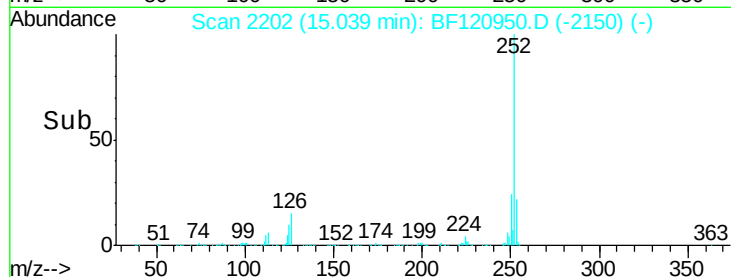
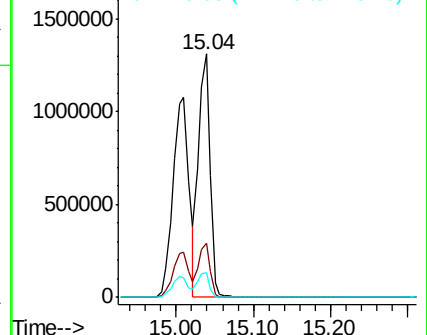
125 10.0 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.399 ng

RT: 15.37 min Scan# 2258

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

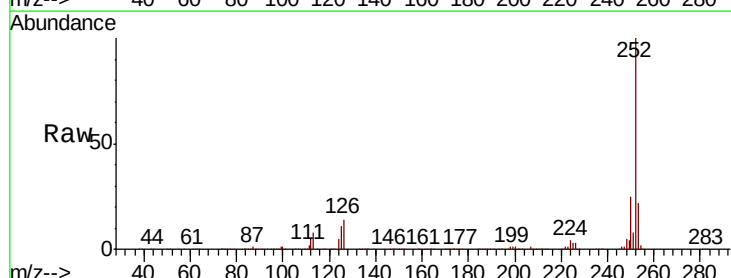
Tgt Ion:252 Resp: 1367155

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

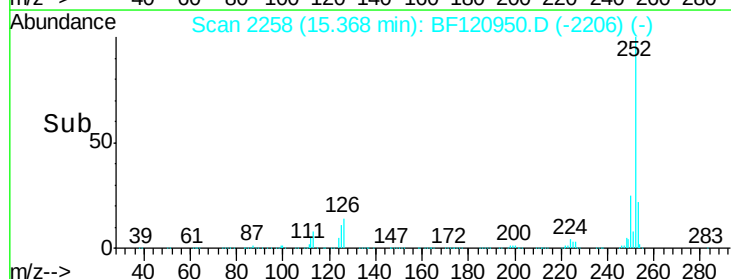
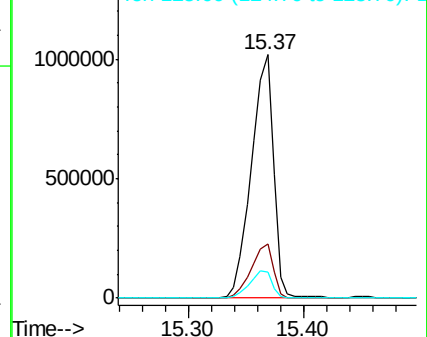
125 10.9 8.9 13.3

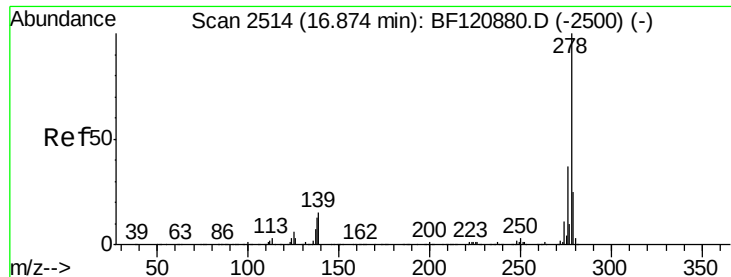


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.514 ng

RT: 16.88 min Scan# 2515

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

Instrument :

BNA_F

ClientSampleId :

PB130301BSD

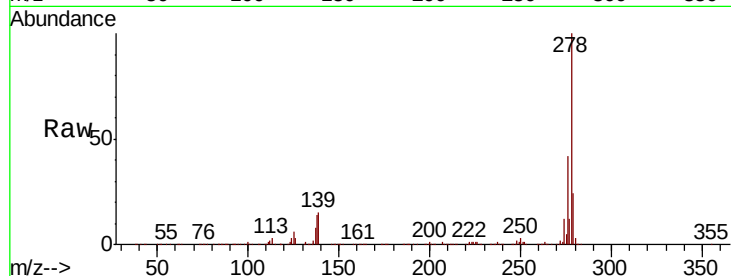
Tot Ion:278 Resp: 1316818

Ion Ratio Lower Upper

278 100

139 15.2 12.3 18.5

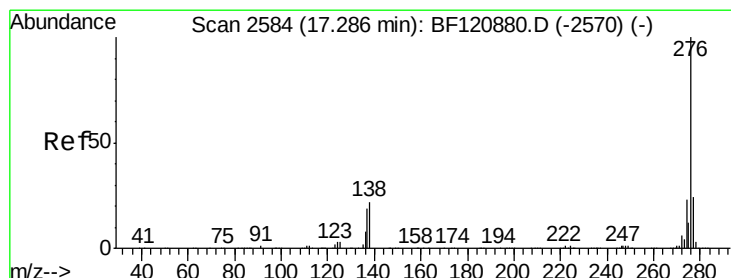
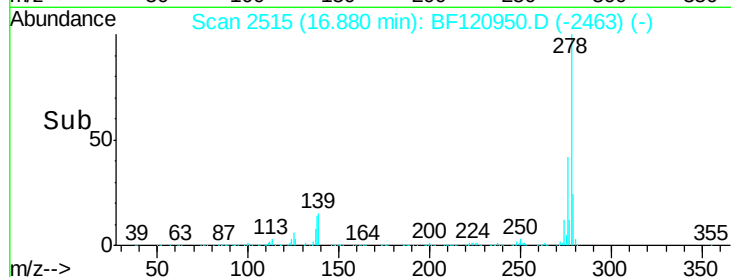
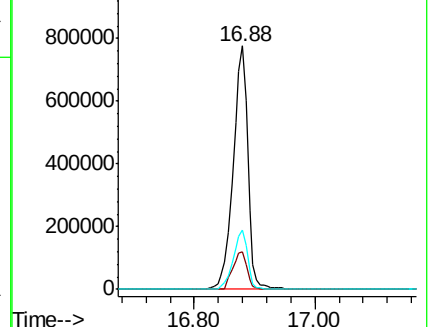
279 24.1 20.1 30.1



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: 40.949 ng

RT: 17.29 min Scan# 2585

Delta R.T. 0.01 min

Lab File: BF120950.D

Acq: 21 Jul 2020 11:05

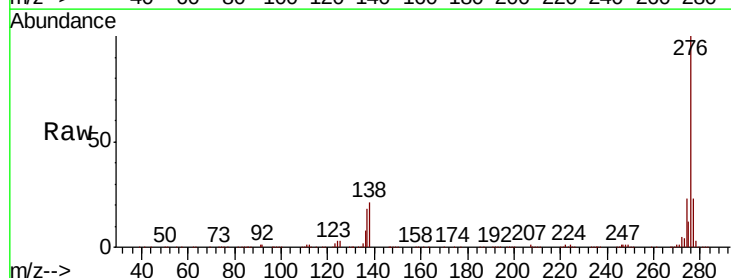
Tgt Ion:276 Resp: 1280680

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 20.8 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

