

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
 Data File : BF120918.D
 Acq On : 17 Jul 2020 13:00
 Operator : JU/CG
 Sample : L3308-24MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 24MS

Quant Time: Jul 17 13:44:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	221188	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	850807	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	437892	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	799775	20.00	ng	0.00
76) Chrysene-d12	13.98	240	461207	20.00	ng	0.00
86) Perylene-d12	15.42	264	479366	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1290096	95.62	ng	0.02
7) Phenol-d6	6.46	99	1628375	93.43	ng	0.01
23) Nitrobenzene-d5	7.39	82	1016773	69.15	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	450598	94.01	ng	0.01
45) 2-Fluorobiphenyl	9.18	172	1731500	59.04	ng	0.00
79) Terphenyl-d14	12.93	244	1578788	74.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	242764	39.095	ng	100
3) Pyridine	3.35	79	687506	41.620	ng	99
4) n-Nitrosodimethylamine	3.31	42	329097	46.591	ng	94
6) Aniline	6.48	93	661656	29.083	ng	99
8) 2-Chlorophenol	6.60	128	710324	47.789	ng	98
9) Benzaldehyde	6.36	77	195807	19.944	ng	99
10) Phenol	6.47	94	832207	43.407	ng	92
11) bis(2-Chloroethyl)ether	6.56	93	684261	46.570	ng	98
12) 1,3-Dichlorobenzene	6.76	146	697170	43.256	ng	98
13) 1,4-Dichlorobenzene	6.83	146	700779	43.726	ng	99
14) 1,2-Dichlorobenzene	6.99	146	682275	45.000	ng	99
15) Benzyl Alcohol	6.96	79	560395	45.467	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	936574	44.224	ng	99
17) 2-Methylphenol	7.08	107	560847	42.572	ng	99
18) Hexachloroethane	7.33	117	258458	44.557	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	428456	43.232	ng	98
20) 3+4-Methylphenols	7.23	107	588639	35.125	ng	92
22) Acetophenone	7.23	105	797184	41.749	ng	# 94
24) Nitrobenzene	7.40	77	697540	44.015	ng	99
25) Isophorone	7.65	82	1311640	44.696	ng	99
26) 2-Nitrophenol	7.72	139	379263	50.389	ng	96
27) 2,4-Dimethylphenol	7.76	122	601307	49.206	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	833992	46.558	ng	99
29) 2,4-Dichlorophenol	7.96	162	576140	46.138	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	613713	44.298	ng	100
31) Naphthalene	8.13	128	1854711	42.498	ng	99
32) Benzoic acid	7.90	122	517012	56.360	ng	99
33) 4-Chloroaniline	8.17	127	412588	21.192	ng	99
34) Hexachlorobutadiene	8.24	225	346524	42.429	ng	99
35) Caprolactam	8.56	113	129223	32.270	ng	98
36) 4-Chloro-3-methylphenol	8.66	107	593033	46.305	ng	96
37) 2-Methylnaphthalene	8.82	142	1266799	44.704	ng	99
38) 1-Methylnaphthalene	8.92	142	1198521	44.657	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	560446	43.928	ng	100

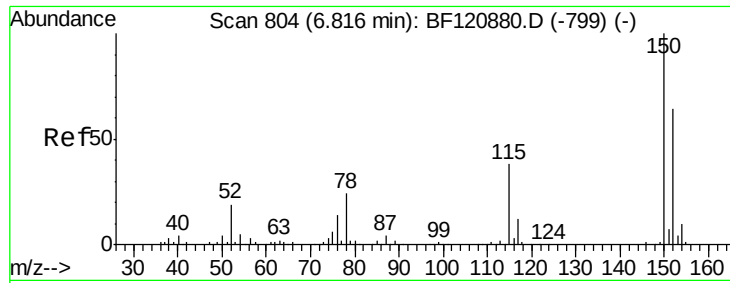
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
 Data File : BF120918.D
 Acq On : 17 Jul 2020 13:00
 Operator : JU/CG
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	439717	62.360	ng	97
43) 2,4,6-Trichlorophenol	9.09	196	429012	47.758	ng	100
44) 2,4,5-Trichlorophenol	9.14	196	450256	44.187	ng	98
46) 1,1'-Biphenyl	9.28	154	1460818	43.734	ng	99
47) 2-Chloronaphthalene	9.30	162	1179382	43.307	ng	99
48) 2-Nitroaniline	9.40	65	381661	46.374	ng	90
49) Acenaphthylene	9.72	152	1839524	43.480	ng	99
50) Dimethylphthalate	9.59	163	1755662	55.574	ng	98
51) 2,6-Dinitrotoluene	9.65	165	327475	48.250	ng	93
52) Acenaphthene	9.89	154	1116966	41.526	ng	99
53) 3-Nitroaniline	9.81	138	213893	25.128	ng	99
54) 2,4-Dinitrophenol	9.92	184	297387	76.454	ng	# 79
55) Dibenzofuran	10.06	168	1632922	41.981	ng	99
56) 4-Nitrophenol	9.98	139	591066	91.410	ng	99
57) 2,4-Dinitrotoluene	10.05	165	429394	48.177	ng	96
58) Fluorene	10.41	166	1125578	38.799	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	379655	48.936	ng	96
60) Diethylphthalate	10.29	149	1433528	44.863	ng	98
61) 4-Chlorophenyl-phenylether	10.40	204	555409	35.895	ng	99
62) 4-Nitroaniline	10.43	138	315515	38.052	ng	99
63) Azobenzene	10.56	77	1309198	43.037	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	202440	44.077	ng	96
66) n-Nitrosodiphenylamine	10.52	169	1181921	46.977	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	404301	45.341	ng	98
68) Hexachlorobenzene	10.95	284	450961	46.752	ng	95
69) Atrazine	11.05	200	337794	54.213	ng	98
70) Pentachlorophenol	11.15	266	504479	91.294	ng	99
71) Phenanthrene	11.37	178	1742692	42.368	ng	99
72) Anthracene	11.42	178	1795817	43.479	ng	99
73) Carbazole	11.57	167	1695242	41.358	ng	99
74) Di-n-butylphthalate	11.90	149	2146746	45.384	ng	99
75) Fluoranthene	12.55	202	1830344	40.146	ng	98
77) Benzidine	12.67	184	868107	71.591	ng	98
78) Pyrene	12.78	202	1830067	56.124	ng	99
80) Butylbenzylphthalate	13.40	149	856769	58.941	ng	94
81) Benzo(a)anthracene	13.97	228	1216675	43.564	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	405143	38.451	ng	99
83) Chrysene	14.00	228	1363825	46.468	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	983996	54.897	ng	# 99
85) Di-n-octyl phthalate	14.57	149	1825905	51.202	ng	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1653658	49.603	ng	100
88) Benzo(b)fluoranthene	15.01	252	1393402	48.088	ng	99
89) Benzo(k)fluoranthene	15.04	252	1250136	47.307	ng	100
90) Benzo(a)pyrene	15.37	252	1248025	47.208	ng	100
91) Dibenzo(a,h)anthracene	16.89	278	1349005	49.537	ng	99
92) Benzo(g,h,i)perylene	17.30	276	1367380	50.925	ng	99

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

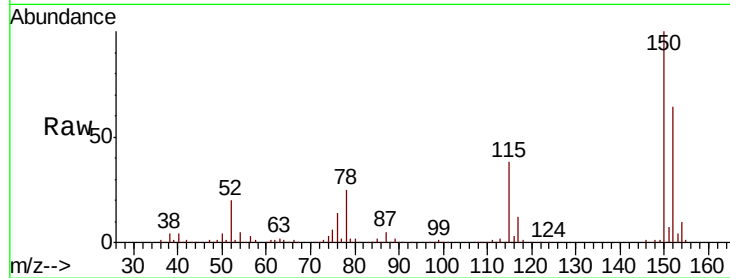


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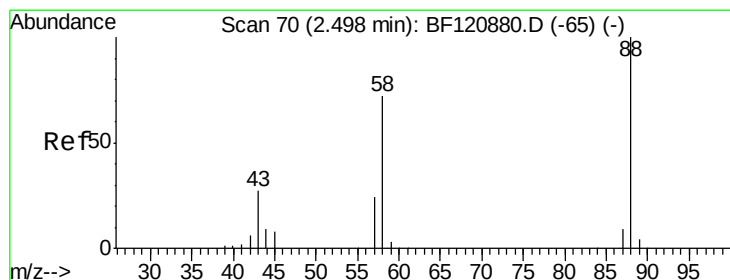
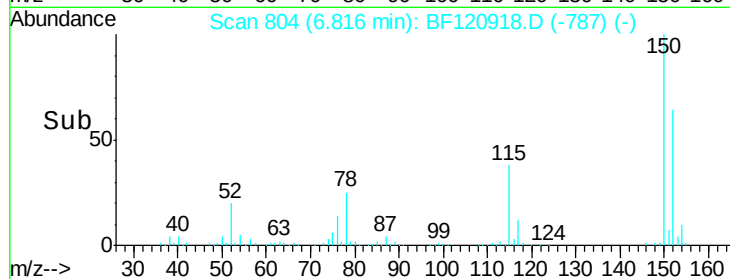
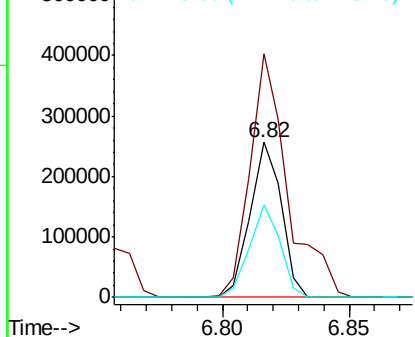
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampleId :
24MS

Tot Ion:152 Resp: 221188
Ion Ratio Lower Upper
152 100
150 157.4 125.0 187.6
115 59.7 47.0 70.4



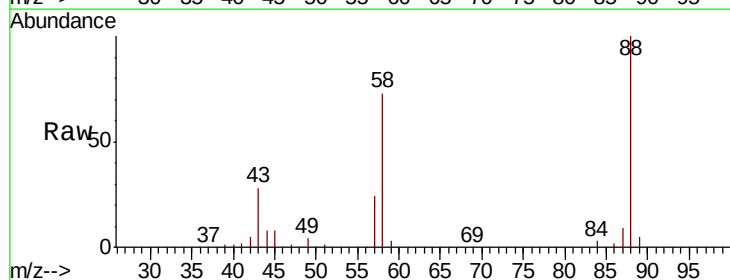
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



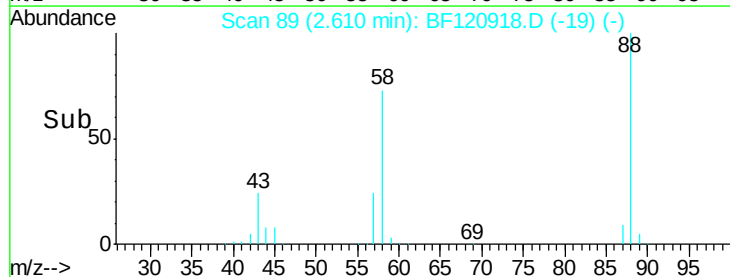
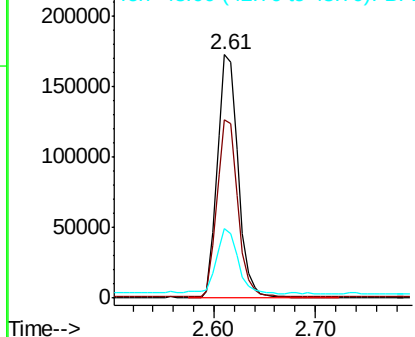
#2

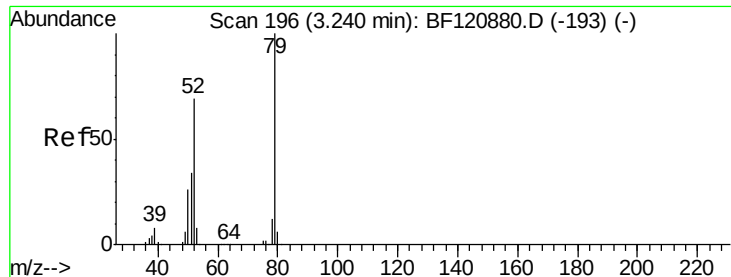
1,4-Dioxane
Concen: 39.095 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.11 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion: 88 Resp: 242764
Ion Ratio Lower Upper
88 100
58 72.9 58.2 87.2
43 27.5 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

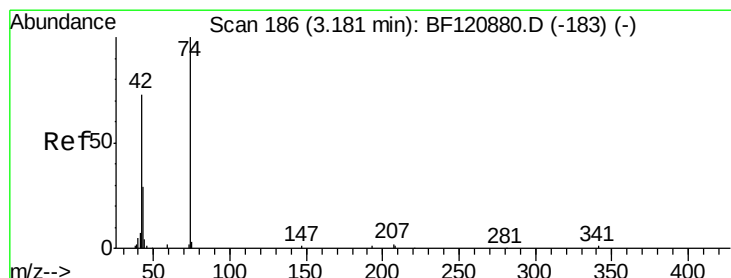
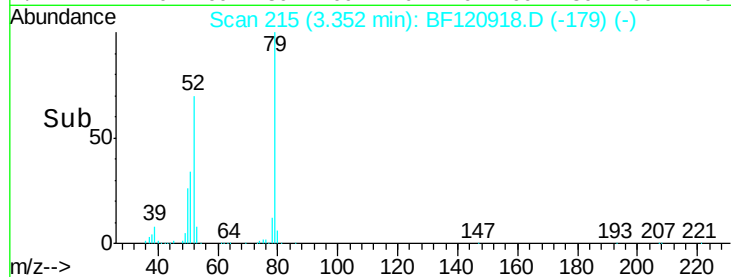
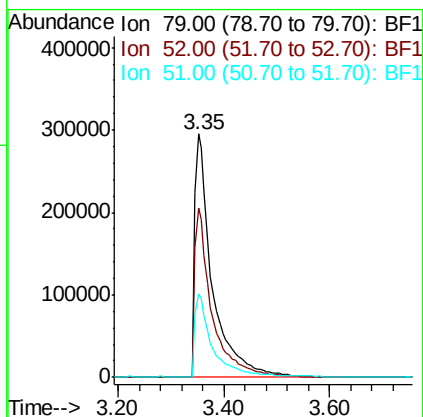
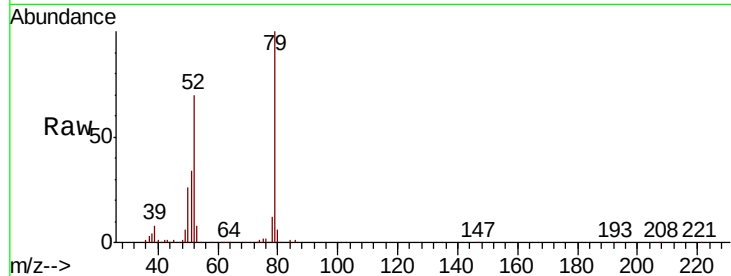




#3
 Pvridine
 Concen: 41.620 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.11 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

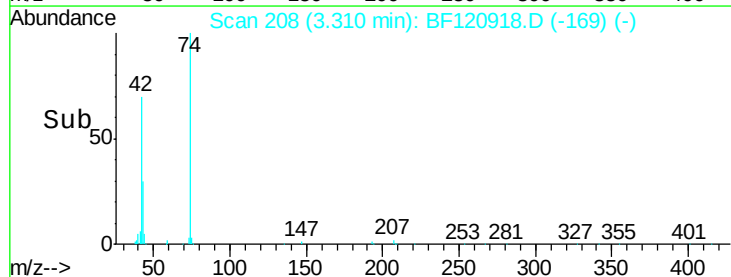
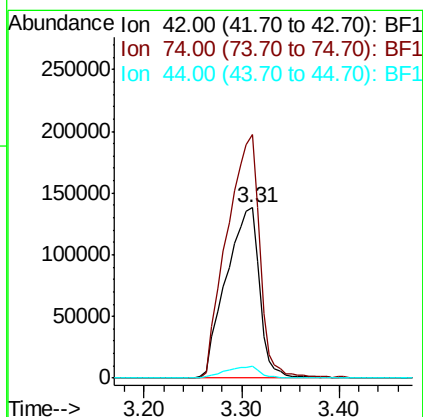
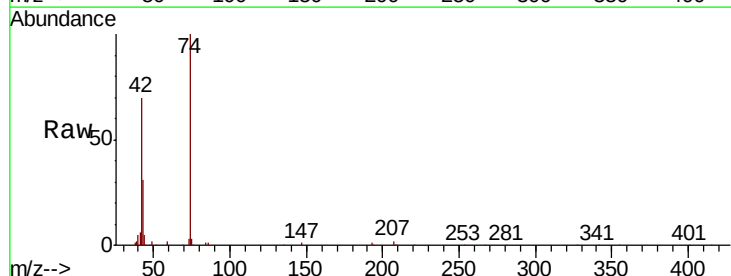
Instrument :
 BNA_F
 ClientSampleId :
 24MS

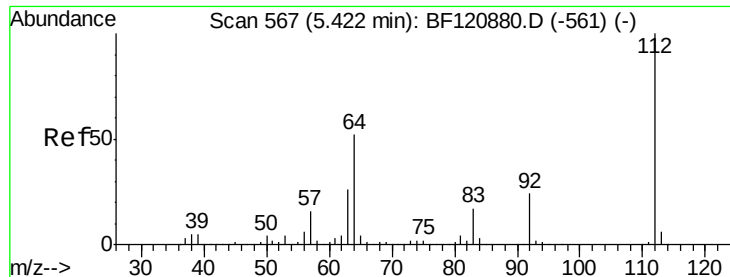
Tot Ion: 79 Resp: 687506
 Ion Ratio Lower Upper
 79 100
 52 69.8 55.0 82.6
 51 34.3 26.9 40.3



#4
 n-Nitrosodimethylamine
 Concen: 46.591 ng
 RT: 3.31 min Scan# 208
 Delta R.T. 0.13 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

Tgt Ion: 42 Resp: 329097
 Ion Ratio Lower Upper
 42 100
 74 143.0 108.7 163.1
 44 7.3 5.2 7.8





#5

2-Fluorophenol

Concen: 95.617 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

ClientSampleId :

24MS

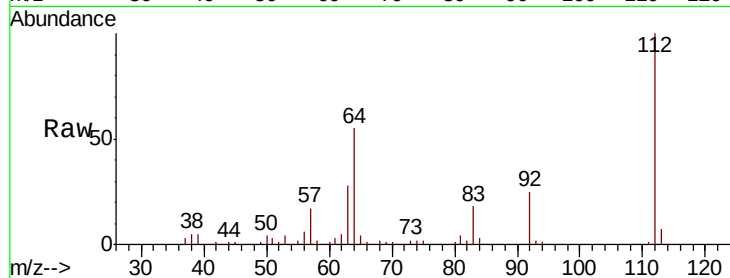
Tot Ion:112 Resp: 1290096

Ion Ratio Lower Upper

112 100

64 54.6 41.3 61.9

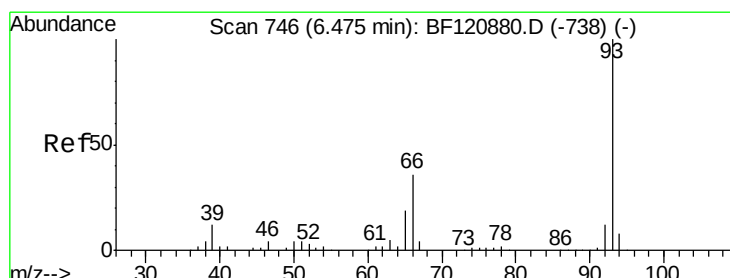
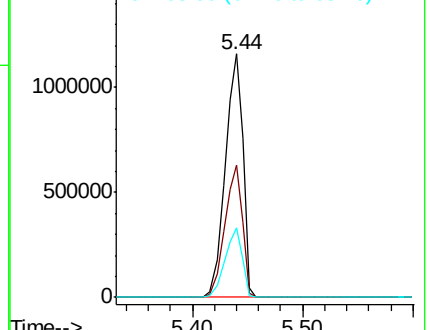
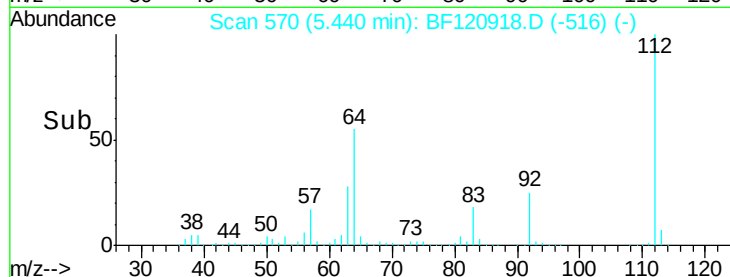
63 28.4 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.083 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

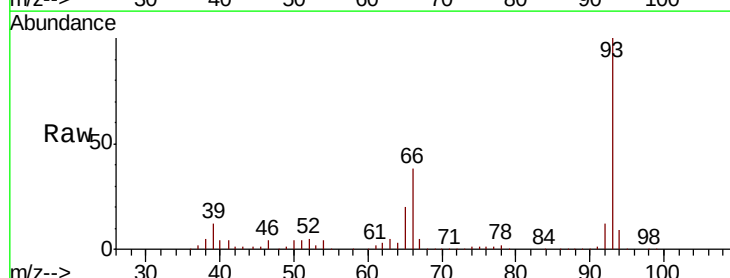
Tgt Ion: 93 Resp: 661656

Ion Ratio Lower Upper

93 100

66 38.4 30.2 45.4

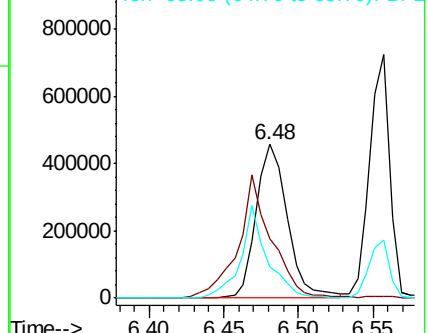
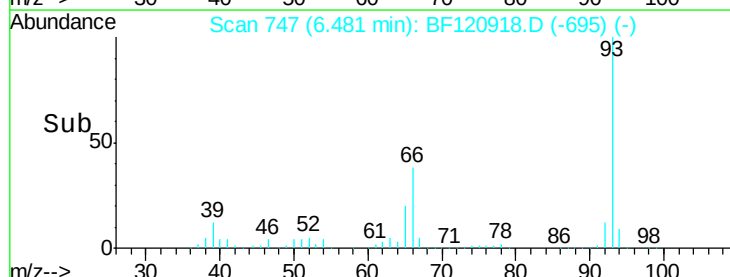
65 19.9 15.8 23.6

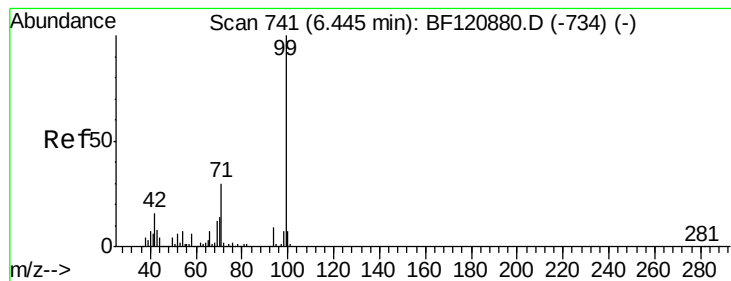


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 93.431 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

ClientSampled :

24MS

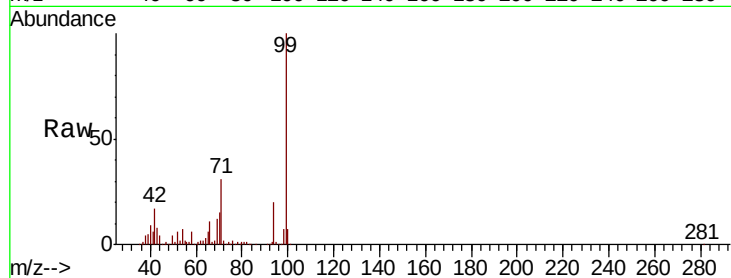
Tot Ion: 99 Resp: 1628375

Ion Ratio Lower Upper

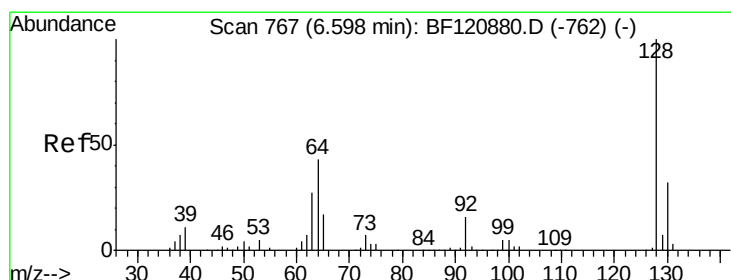
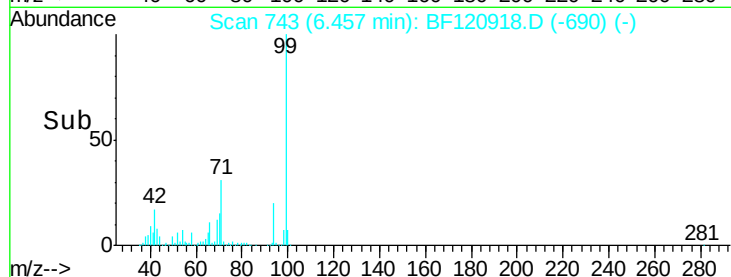
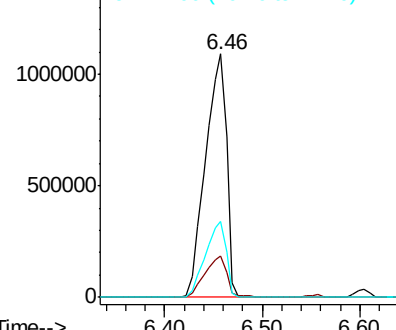
99 100

42 17.0 13.1 19.7

71 31.1 24.2 36.4



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



#8

2-Chlorophenol

Concen: 47.789 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

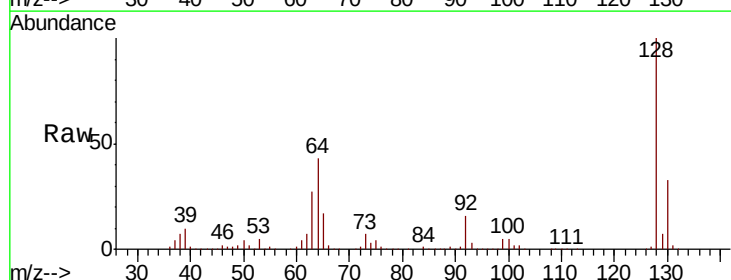
Tgt Ion: 128 Resp: 710324

Ion Ratio Lower Upper

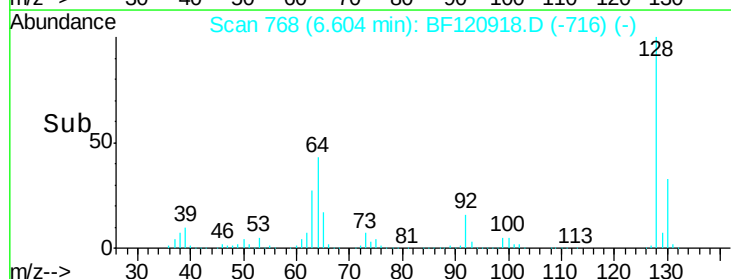
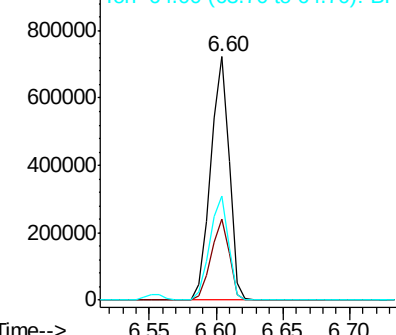
128 100

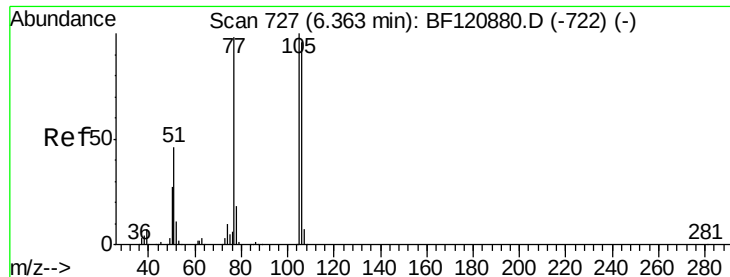
130 33.3 12.1 52.1

64 43.0 24.0 64.0



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





#9

Benzaldehyde

Concen: 19.944 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

ClientSampleId :

24MS

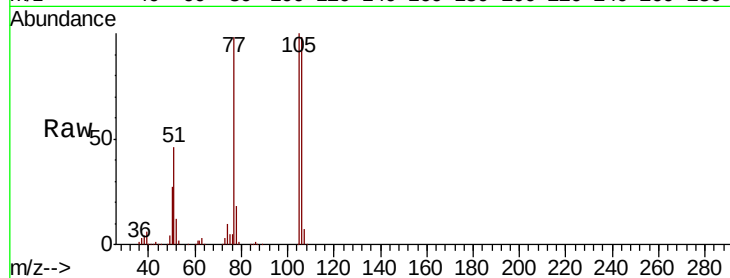
Tot Ion: 77 Resp: 195807

Ion Ratio Lower Upper

77 100

105 101.7 82.5 122.5

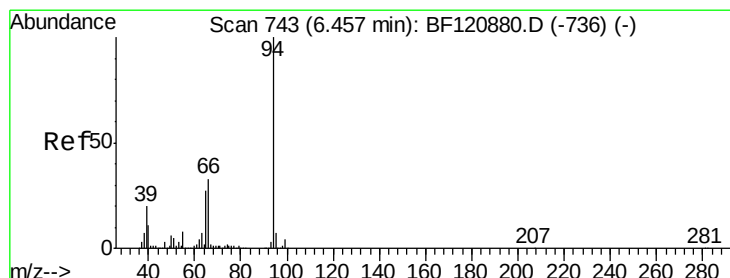
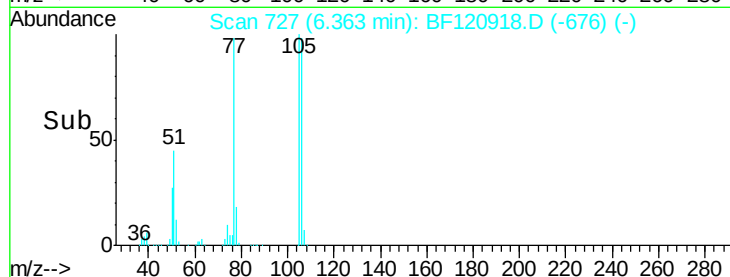
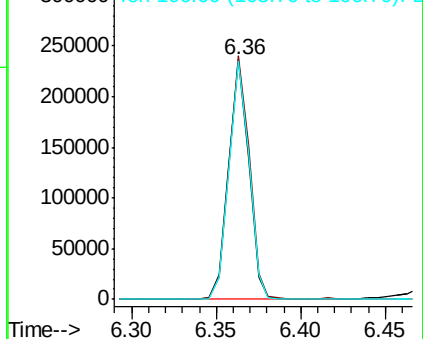
106 99.6 78.7 118.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.407 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

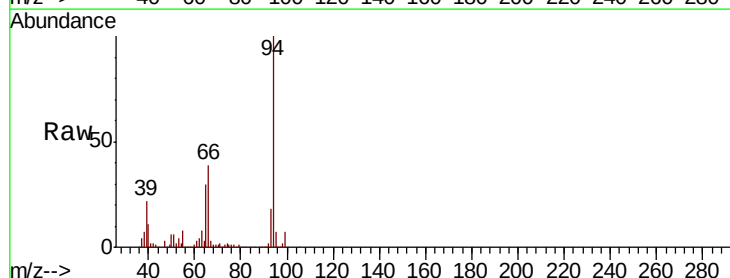
Tgt Ion: 94 Resp: 832207

Ion Ratio Lower Upper

94 100

65 29.6 6.6 46.6

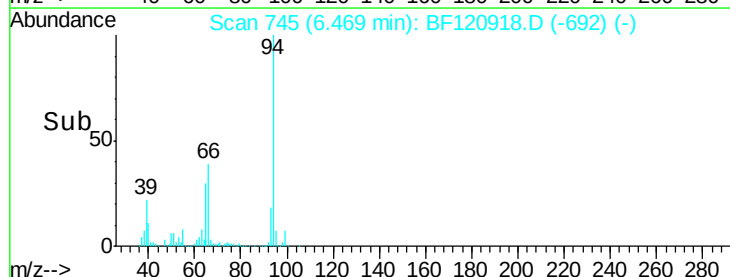
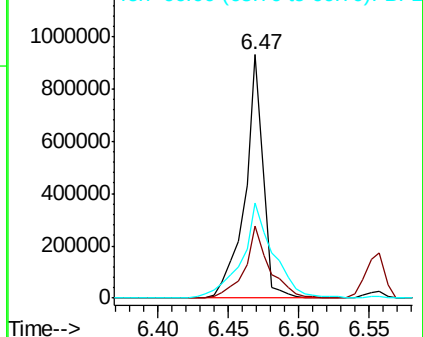
66 39.2 13.2 53.2

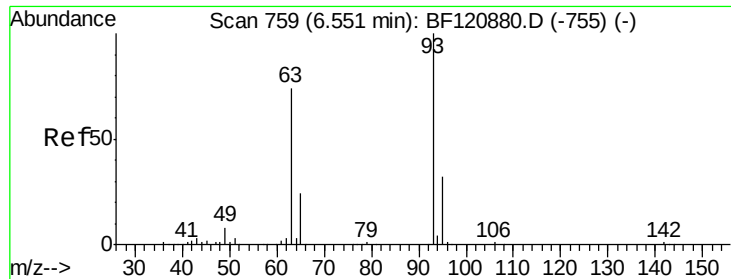


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

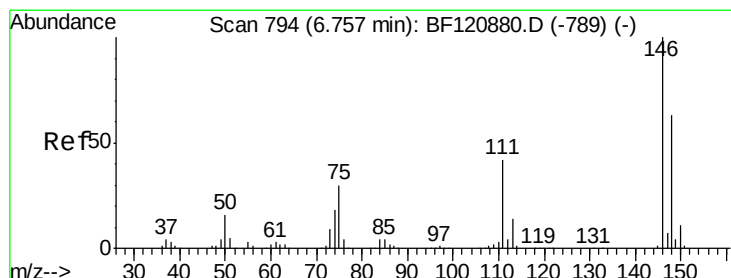
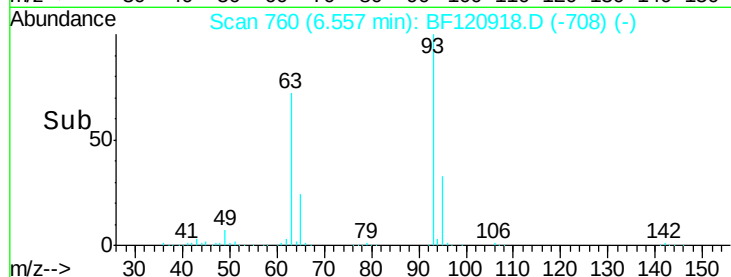
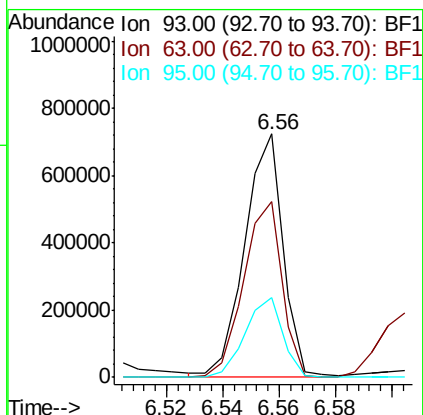
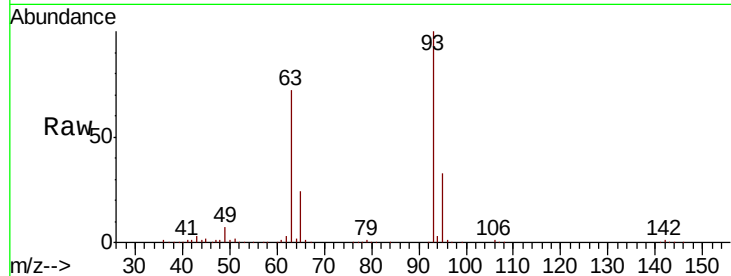




#11
bis(2-Chloroethyl)ether
Concen: 46.570 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

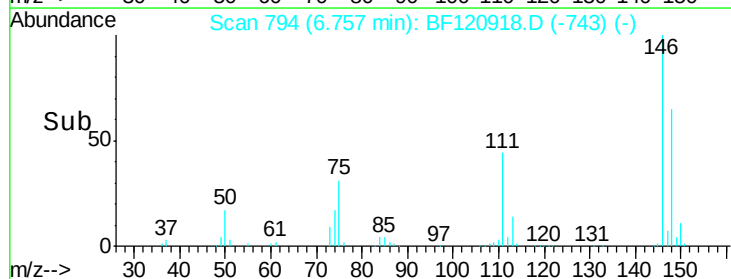
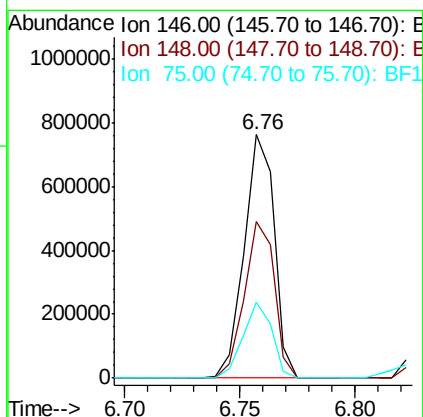
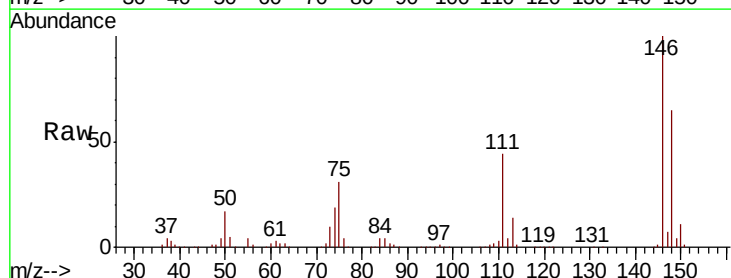
Instrument :
BNA_F
ClientSampleId :
24MS

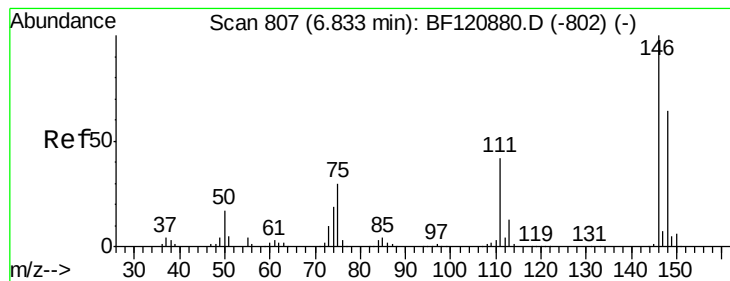
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.4	54.2	94.2
95	33.0	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 43.256 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	75.8
75	31.3	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 43.726 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

ClientSampled :

24MS

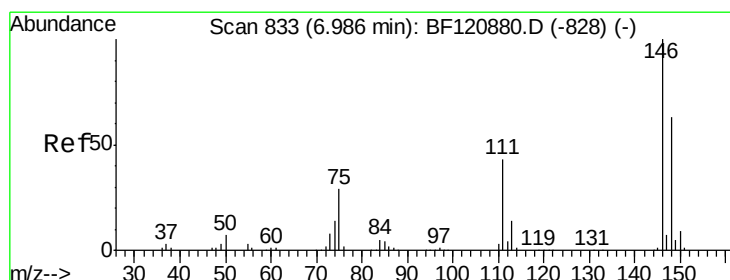
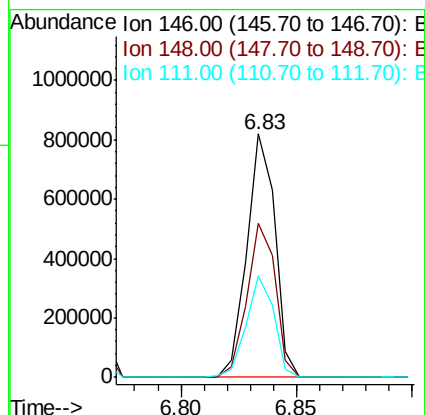
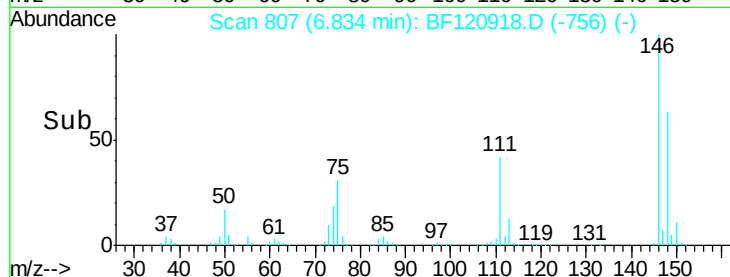
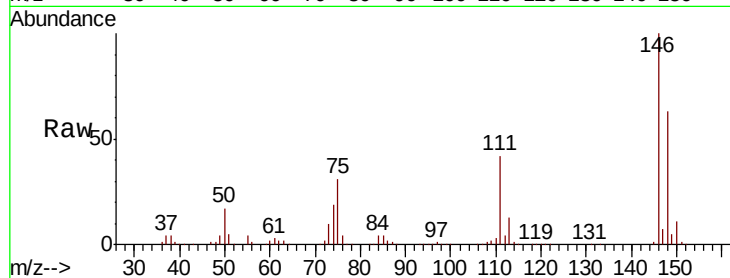
Tot Ion:146 Resp: 700779

Ion Ratio Lower Upper

146 100

148 63.3 51.6 77.4

111 41.9 33.5 50.3



#14

1,2-Dichlorobenzene

Concen: 45.000 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

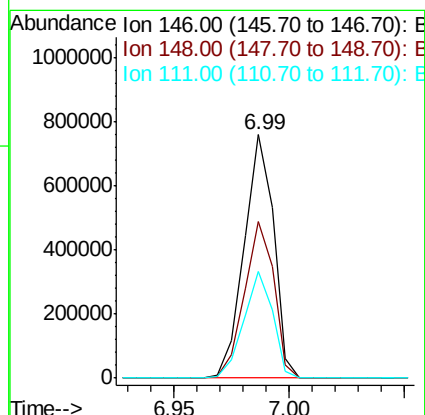
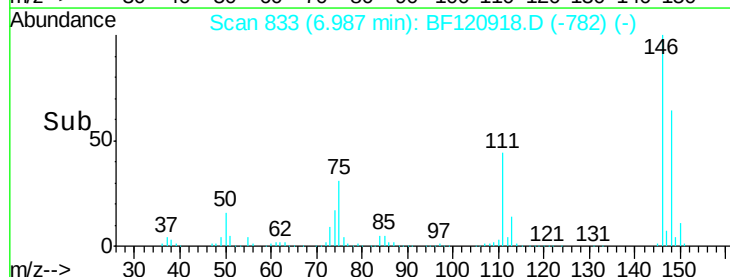
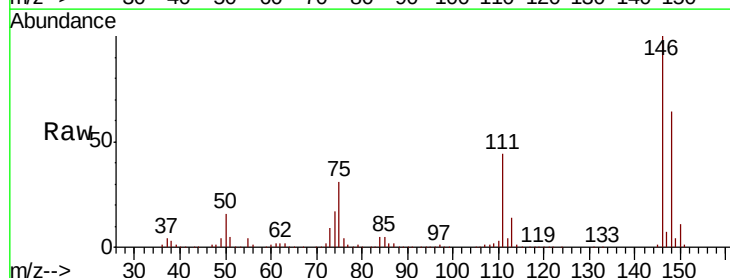
Tgt Ion:146 Resp: 682275

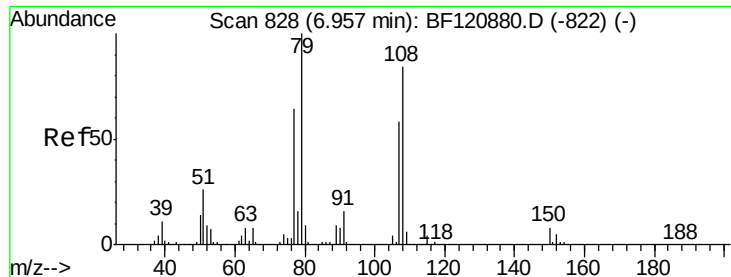
Ion Ratio Lower Upper

146 100

148 64.2 50.6 76.0

111 43.6 34.2 51.2





#15

Benzyl Alcohol

Concen: 45.467 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

ClientSampleId :

24MS

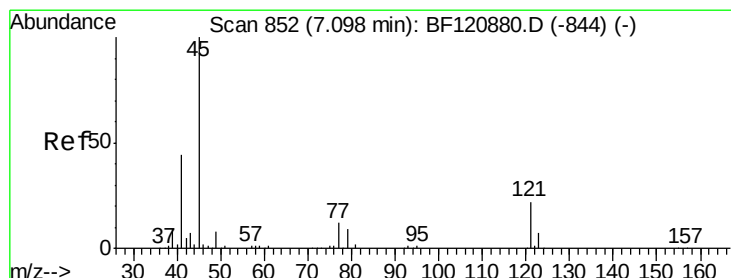
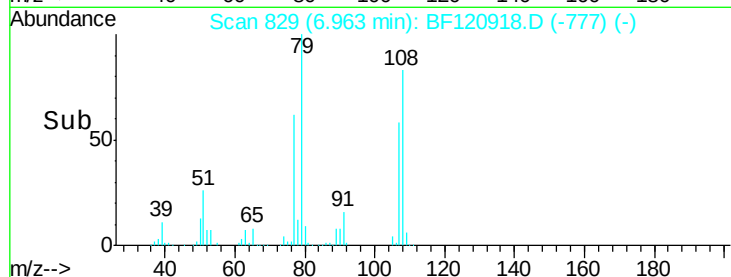
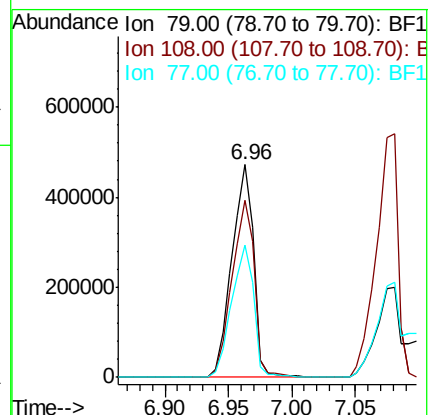
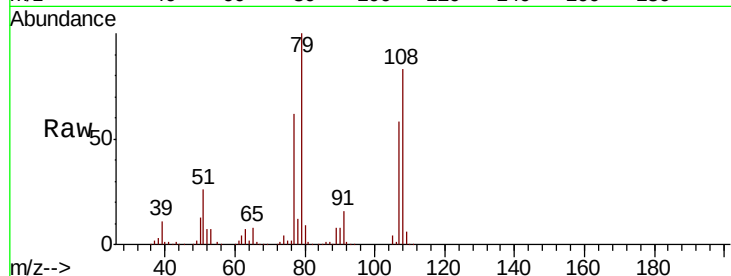
Tot Ion: 79 Resp: 560395

Ion Ratio Lower Upper

79 100

108 83.2 67.0 100.6

77 62.2 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.224 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

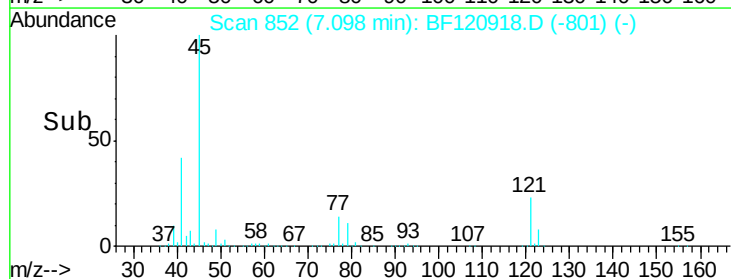
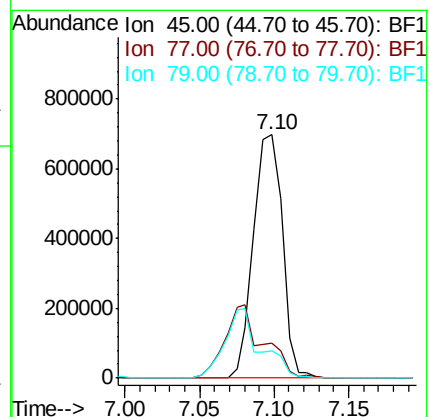
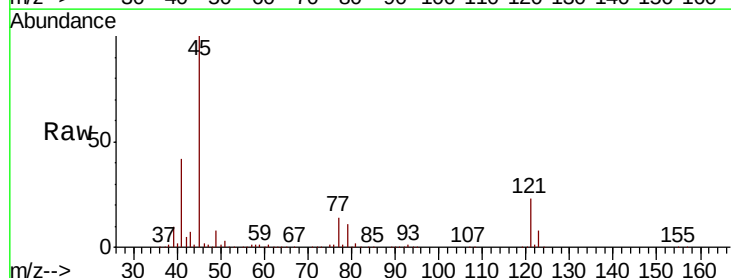
Tgt Ion: 45 Resp: 936574

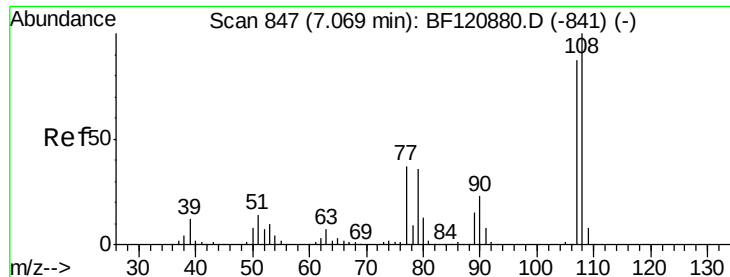
Ion Ratio Lower Upper

45 100

77 14.2 0.0 34.3

79 11.3 0.0 31.0

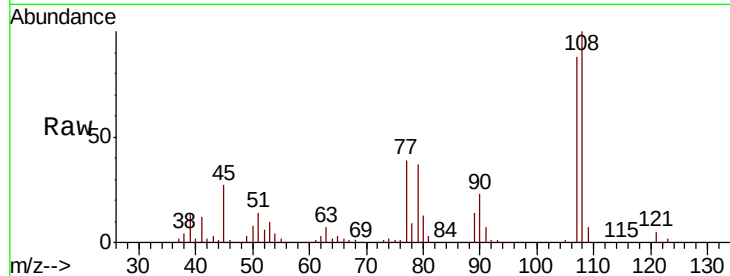




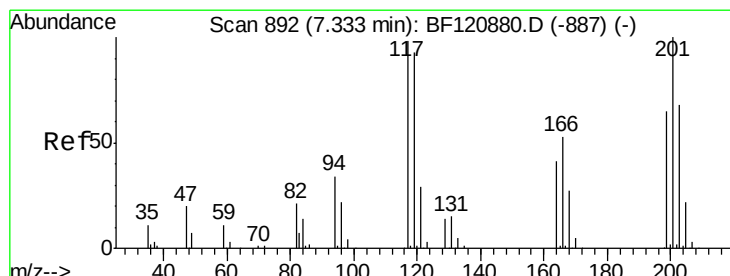
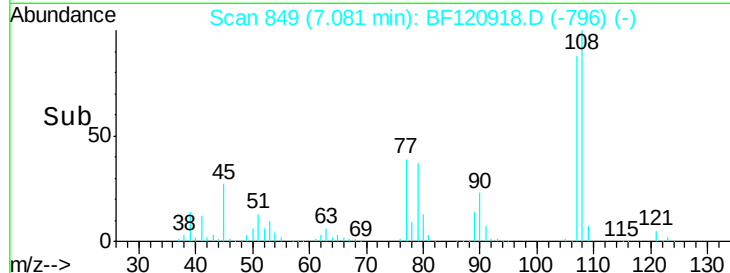
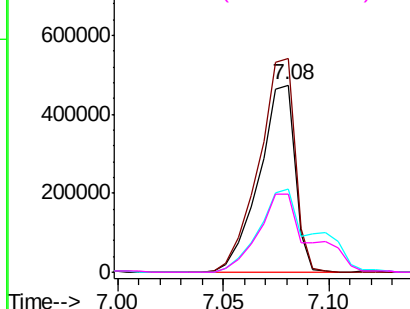
#17
2-Methylphenol
Concen: 42.572 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampleId :
24MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	92.0	138.0
77	44.5	34.0	51.0
79	41.9	33.3	49.9

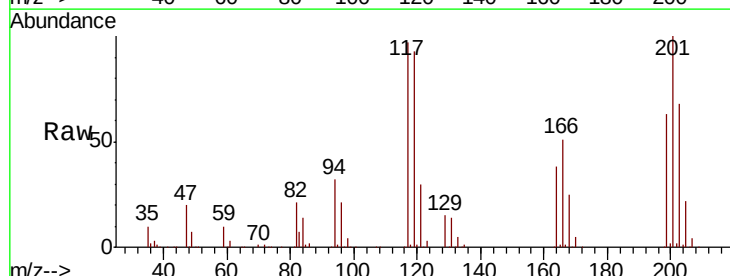


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

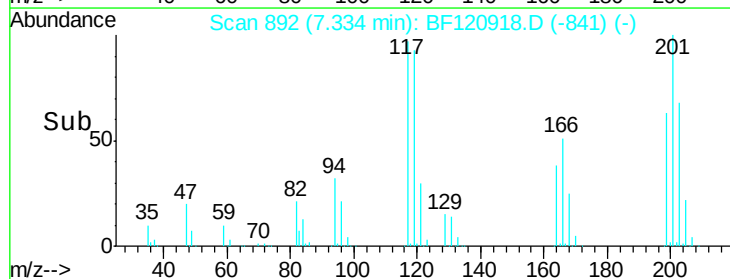
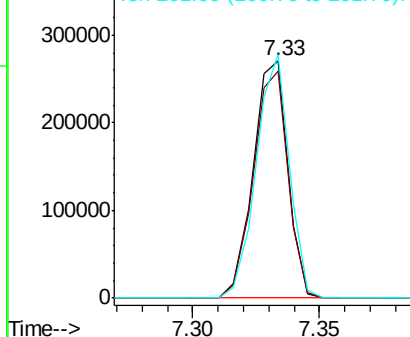


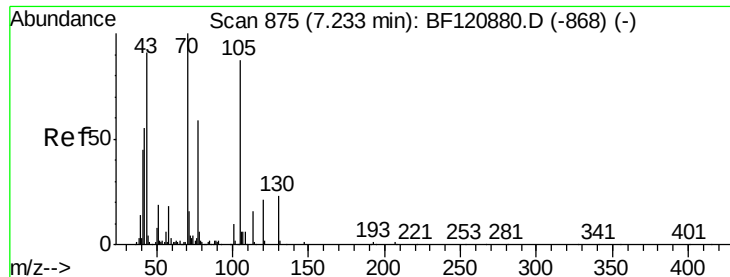
#18
Hexachloroethane
Concen: 44.557 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.0	114.0
201	102.6	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

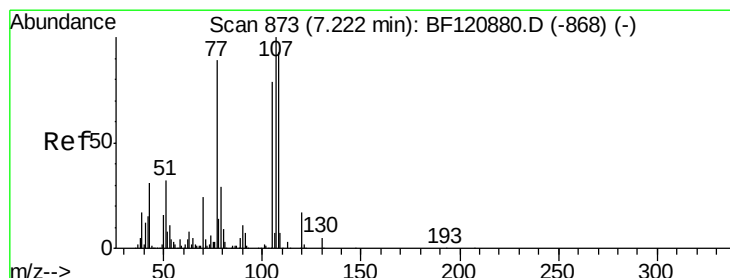
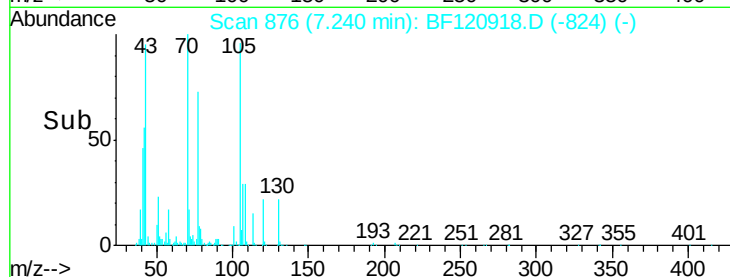
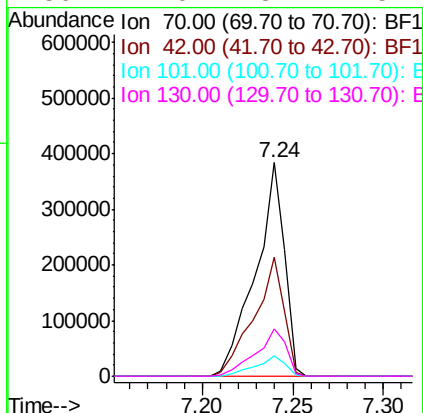
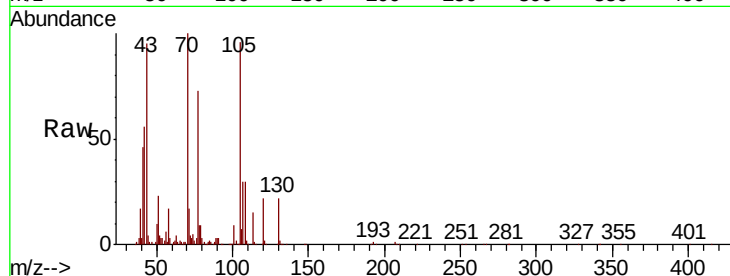




#19
n-Nitroso-di-n-propylamine
Concen: 43.232 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

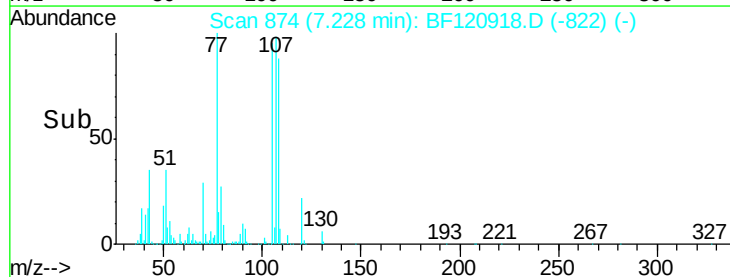
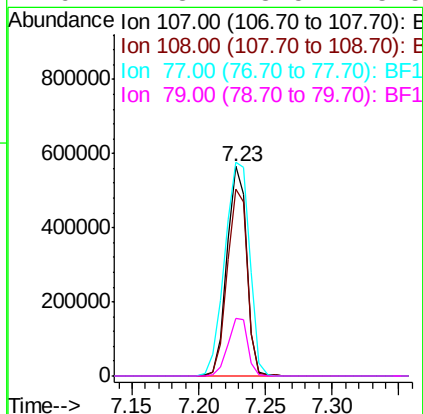
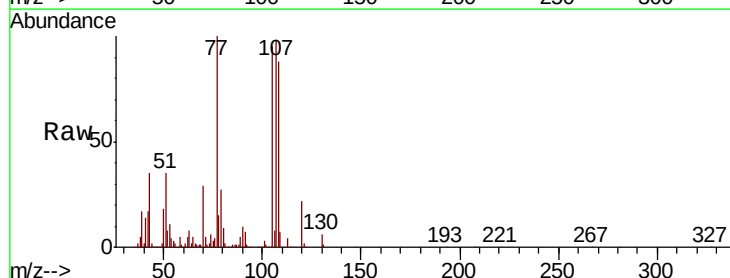
Instrument :
BNA_F
ClientSampleId :
24MS

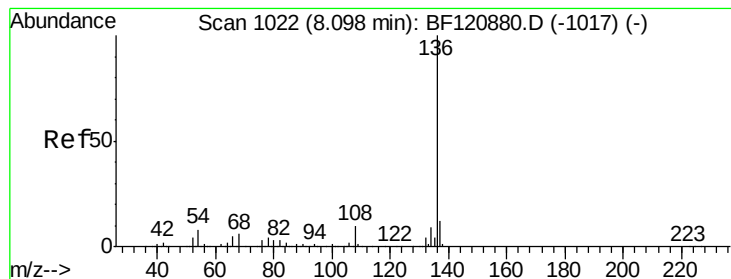
Tot Ion:	70	Resp:	428456
Ion	Ratio	Lower	Upper
70	100		
42	55.9	44.0	66.0
101	9.4	7.8	11.6
130	22.0	18.7	28.1



#20
3+4-Methylphenols
Concen: 35.125 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion:	107	Resp:	588639
Ion	Ratio	Lower	Upper
107	100		
108	89.4	72.8	112.8
77	102.0	68.7	108.7
79	27.3	8.5	48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

ClientSampleId :

24MS

Tot Ion:136 Resp: 850807

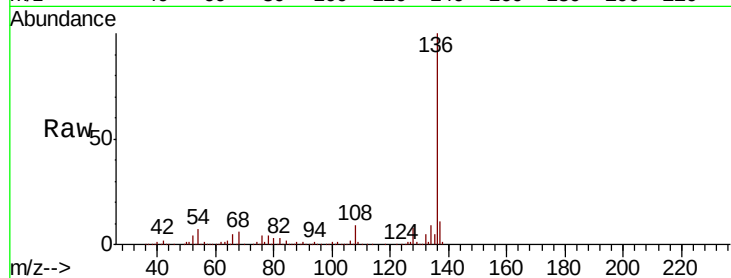
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 7.0 6.3 9.5

68 5.8 5.0 7.4

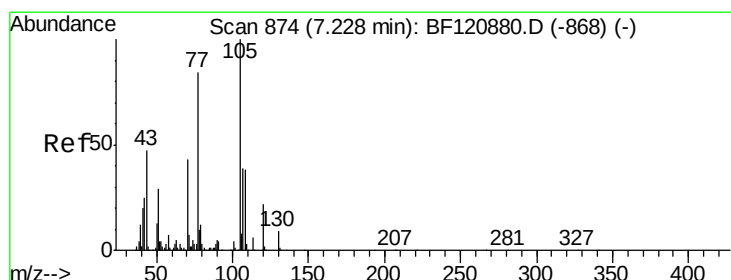
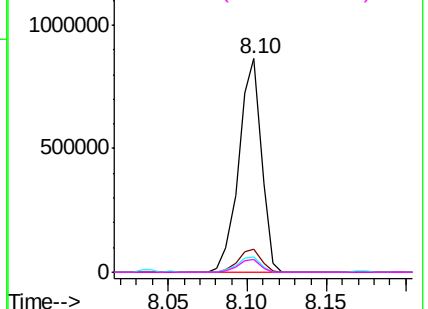
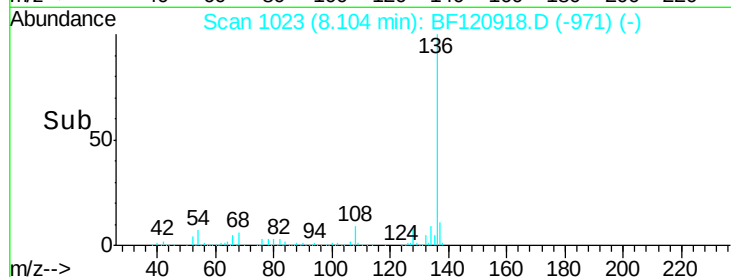


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.749 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Tgt Ion:105 Resp: 797184

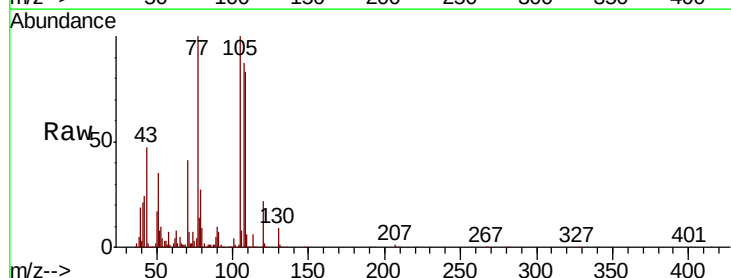
Ion Ratio Lower Upper

105 100

71 6.9 5.7 8.5

51 34.7 22.9 34.3#

120 21.9 18.0 27.0

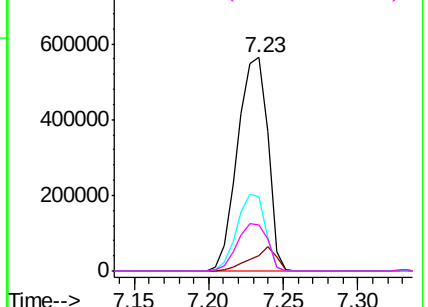
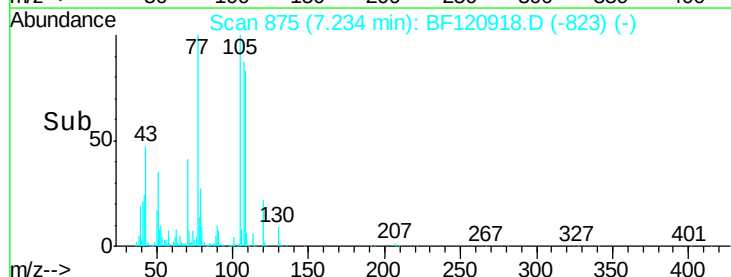


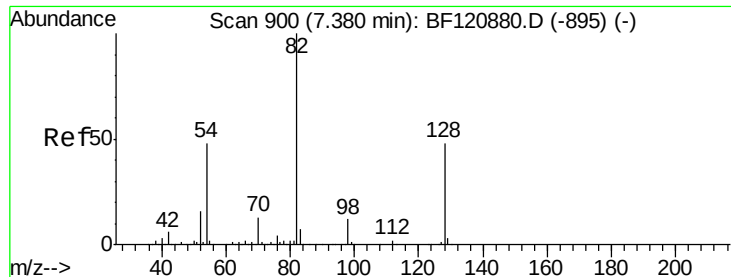
Abundance Ion 105.00 (104.70 to 105.70): E

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

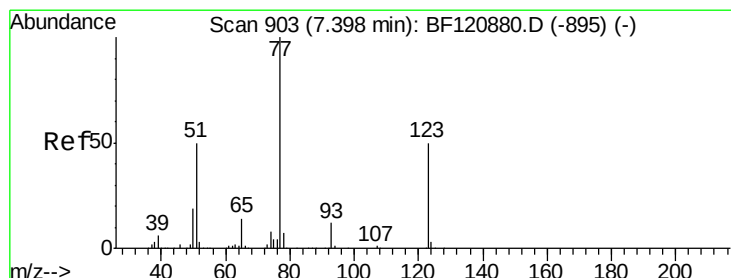
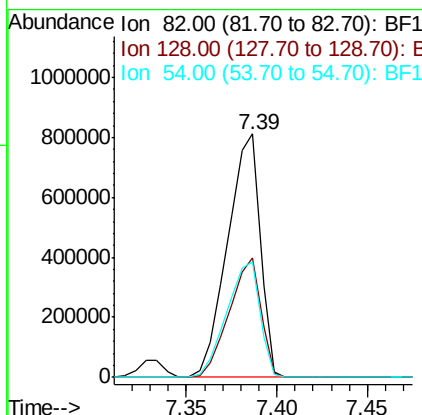
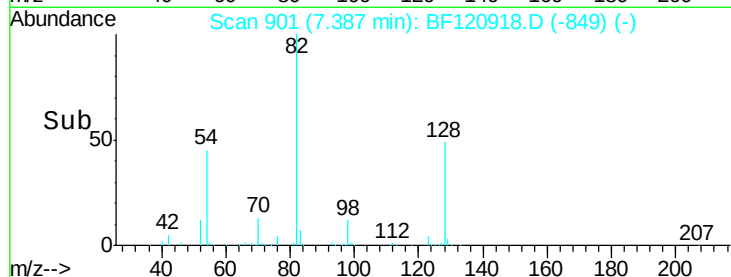
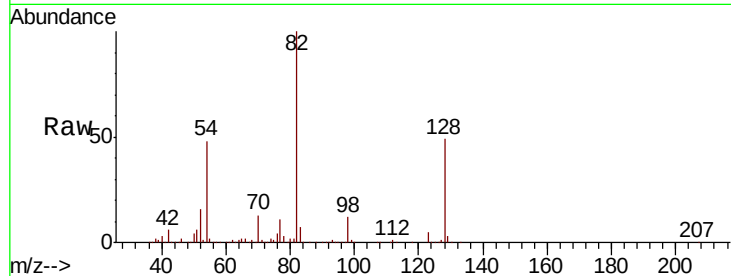




#23
Nitrobenzene-d5
Concen: 69.150 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

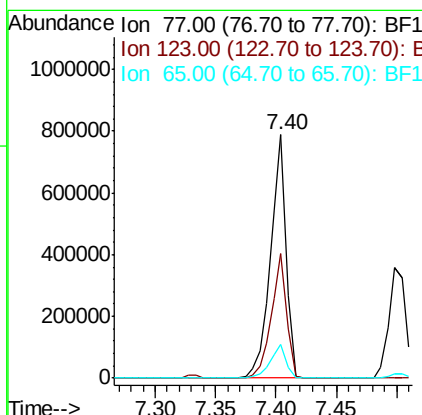
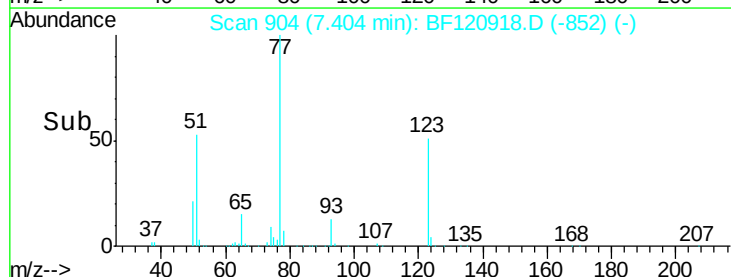
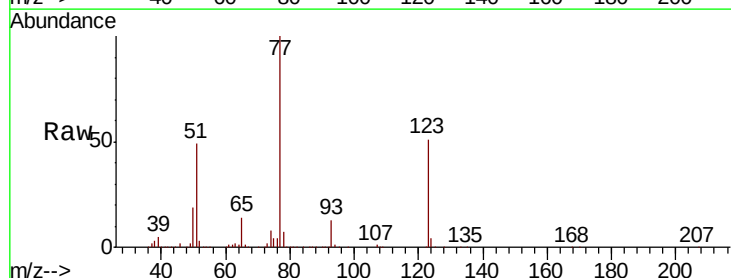
Instrument :
BNA_F
ClientSampleId :
24MS

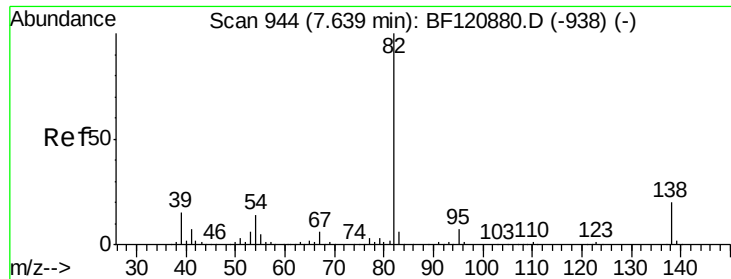
Tot Ion: 82 Resp: 1016773
Ion Ratio Lower Upper
82 100
128 49.1 38.2 57.4
54 47.6 38.7 58.1



#24
Nitrobenzene
Concen: 44.015 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion: 77 Resp: 697540
Ion Ratio Lower Upper
77 100
123 51.0 40.1 60.1
65 13.6 10.8 16.2

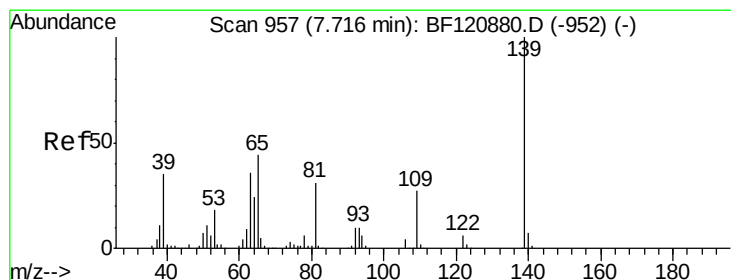
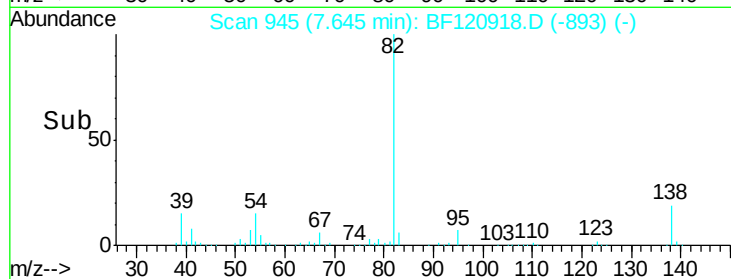
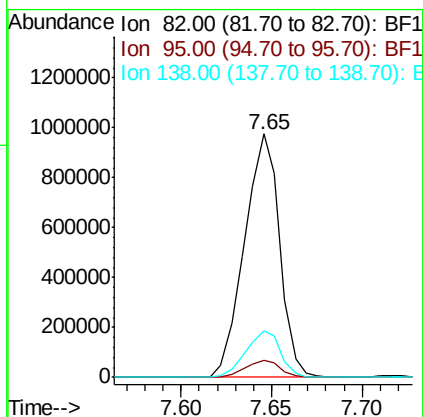
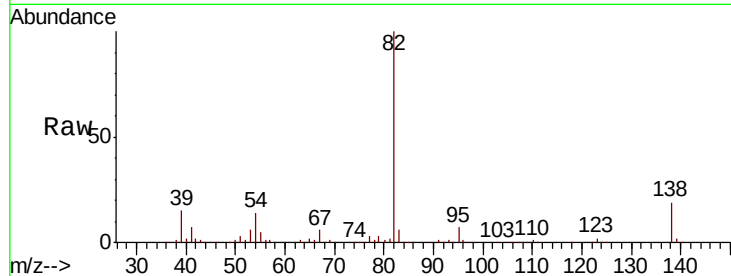




#25
Isophorone
Concen: 44.696 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

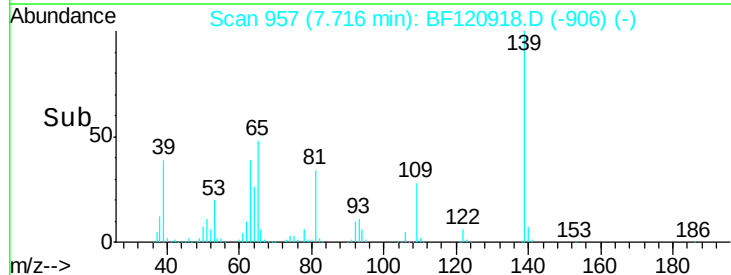
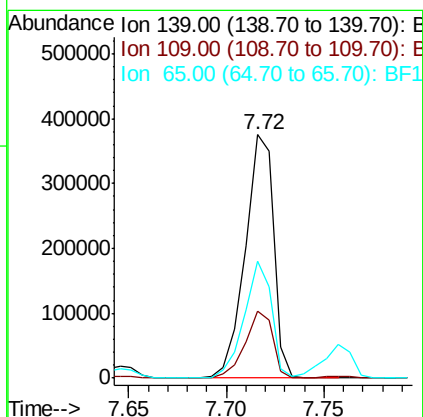
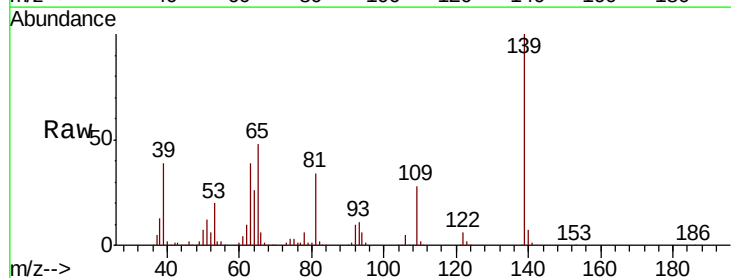
Instrument :
BNA_F
ClientSampleId :
24MS

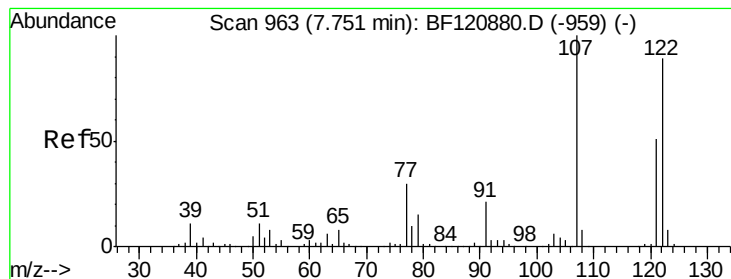
Tot Ion: 82 Resp: 1311640
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 19.1 15.6 23.4



#26
2-Nitrophenol
Concen: 50.389 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion: 139 Resp: 379263
Ion Ratio Lower Upper
139 100
109 27.6 21.6 32.4
65 48.2 35.3 52.9





#27

2,4-Dimethylphenol

Concen: 49.206 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

ClientSampleId :

24MS

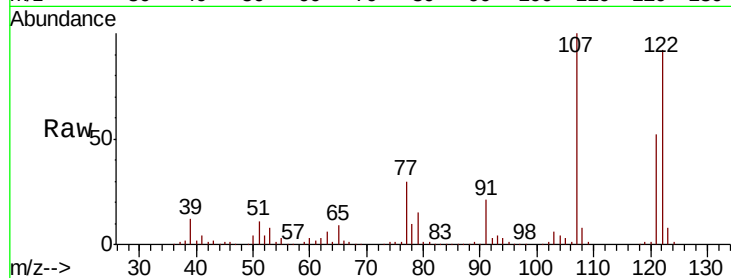
Tot Ion:122 Resp: 601307

Ion Ratio Lower Upper

122 100

107 108.8 89.4 134.0

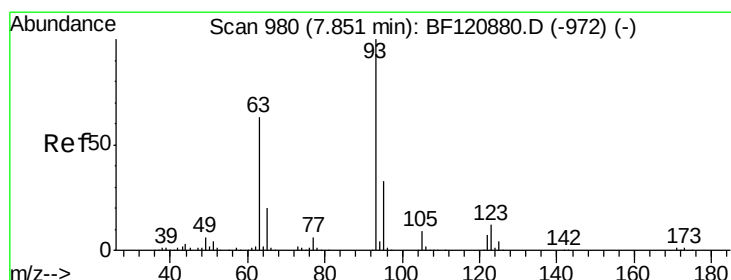
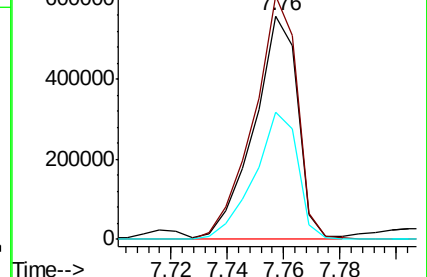
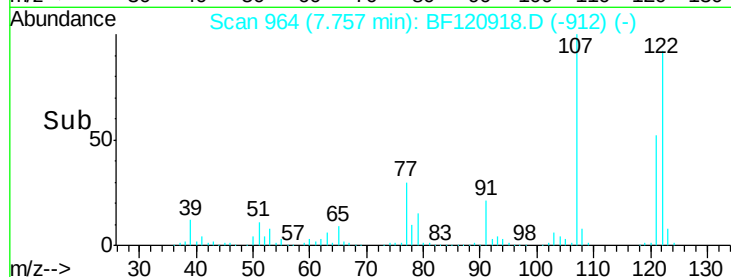
121 57.0 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.558 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

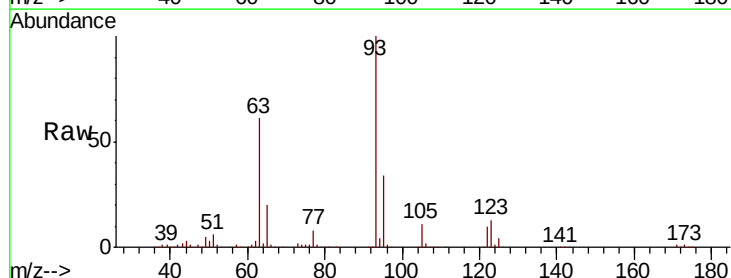
Tgt Ion: 93 Resp: 833992

Ion Ratio Lower Upper

93 100

95 33.7 26.6 39.8

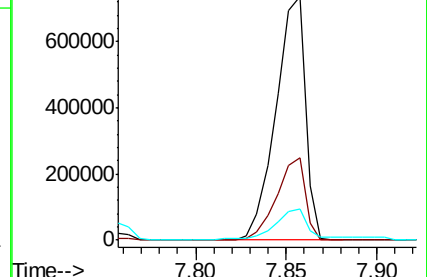
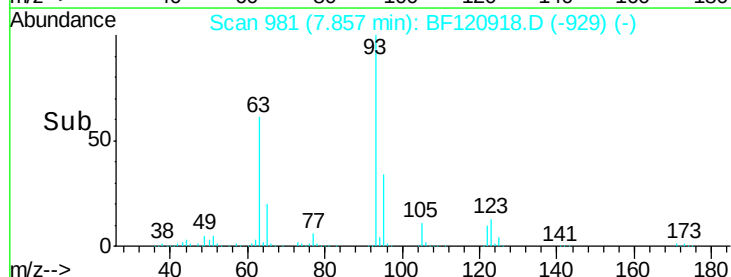
123 12.8 10.0 15.0

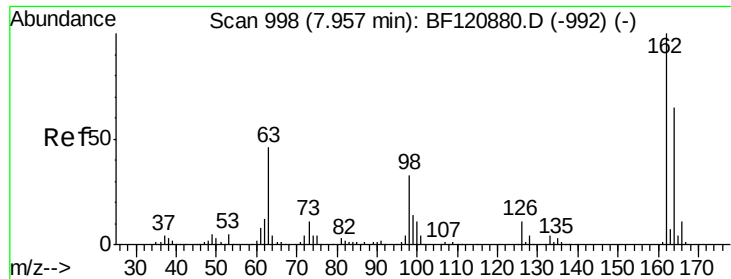


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

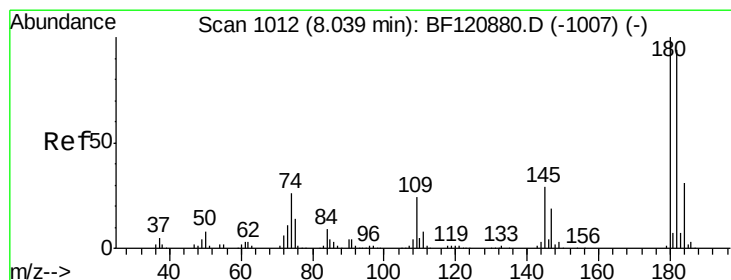
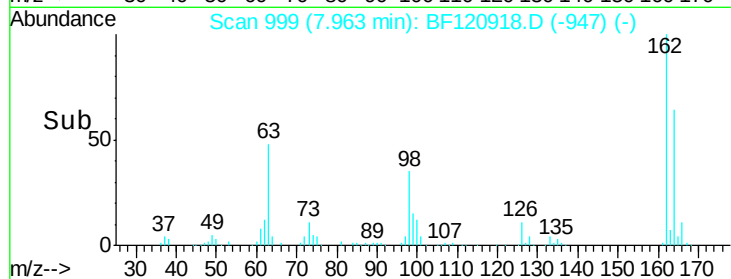
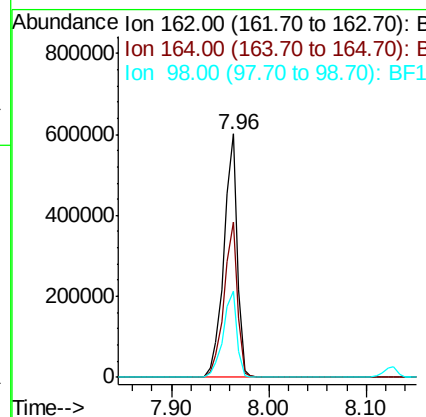
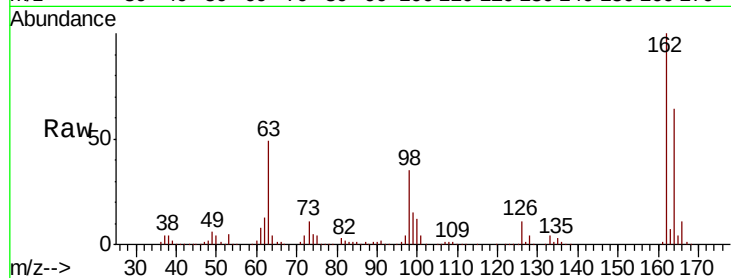




#29
2,4-Dichlorophenol
Concen: 46.138 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

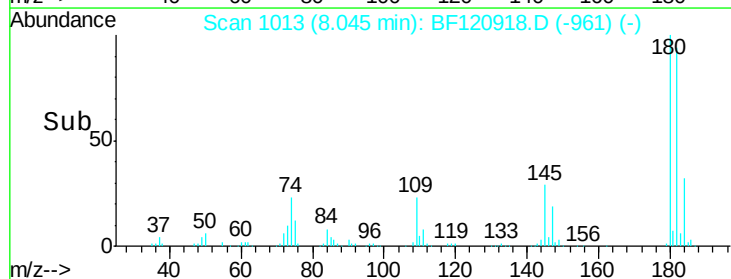
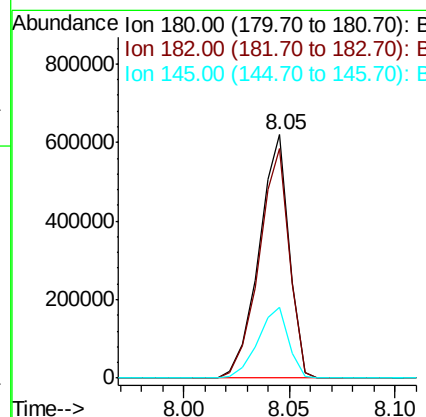
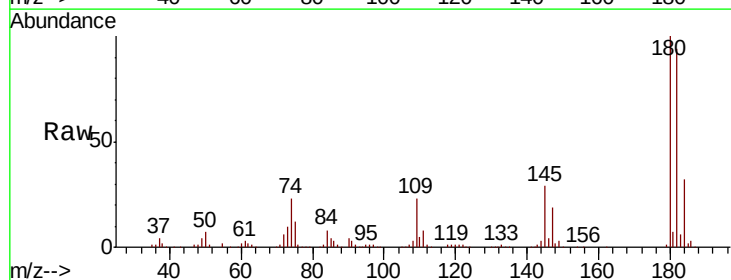
Instrument :
BNA_F
ClientSampleId :
24MS

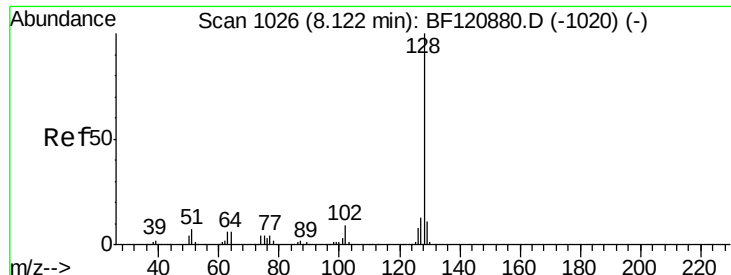
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	45.3	85.3
98	35.4	13.3	53.3



#30
1,2,4-Trichlorobenzene
Concen: 44.298 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.0	112.6
145	29.1	23.5	35.3

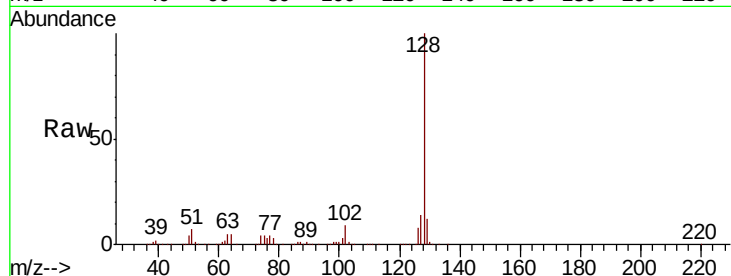




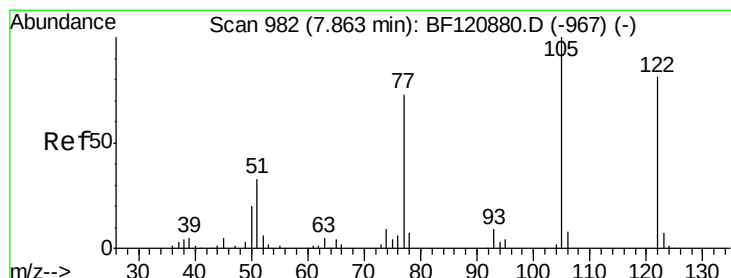
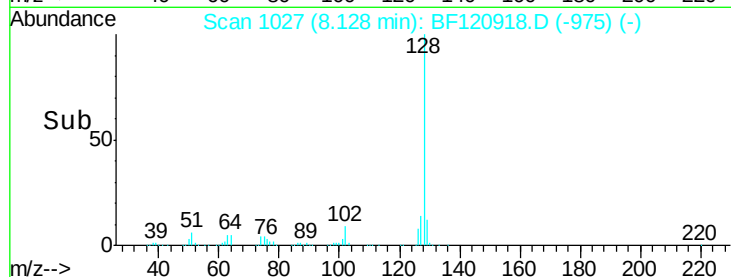
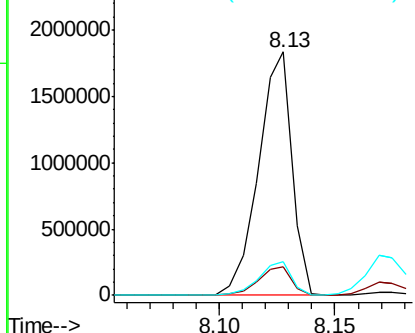
#31
Naphthalene
Concen: 42.498 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampled :
24MS

Tot Ion:128 Resp: 1854711
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.7 10.7 16.1

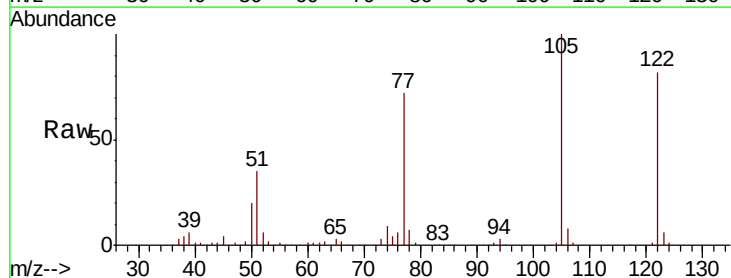


Abundance Ion 128.00 (127.70 to 128.70): E
2500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

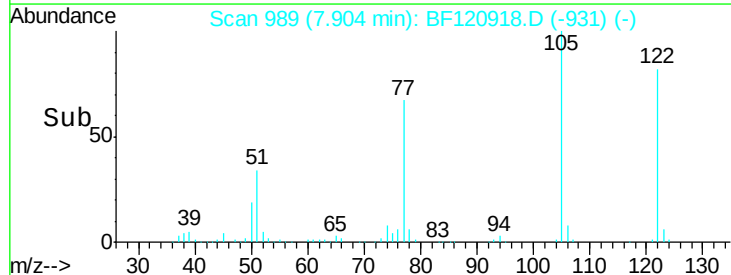
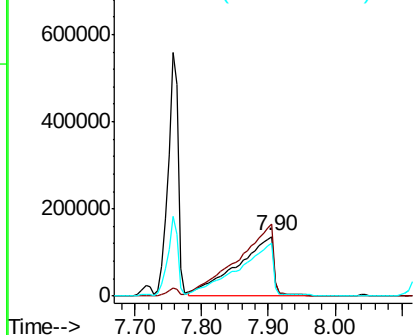


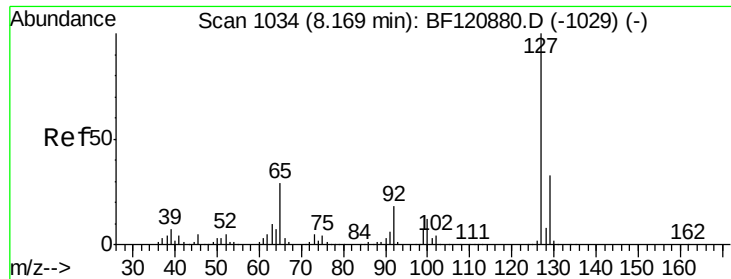
#32
Benzoic acid
Concen: 56.360 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.04 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion:122 Resp: 517012
Ion Ratio Lower Upper
122 100
105 121.4 101.3 141.3
77 87.9 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

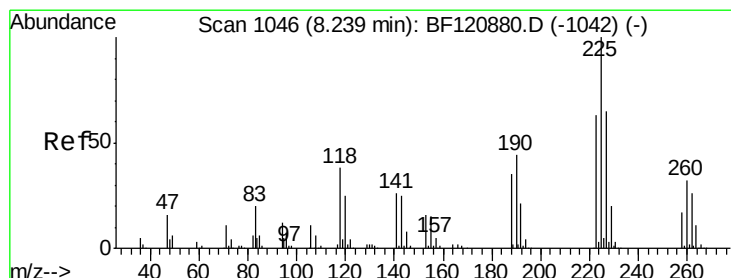
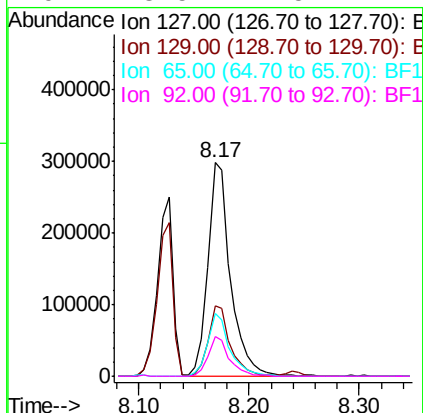
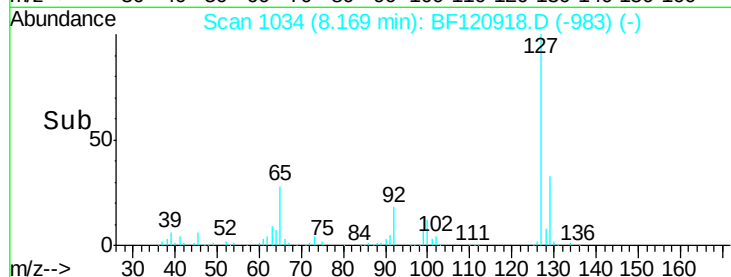
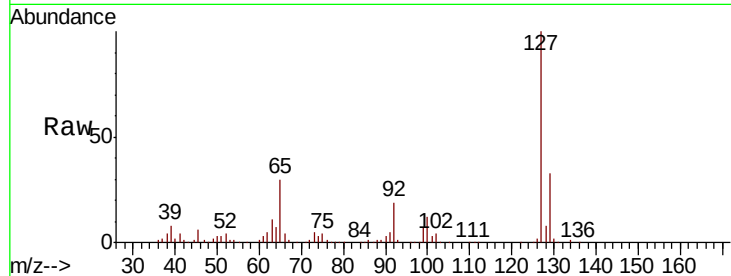




#33
4-Chloroaniline
Concen: 21.192 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

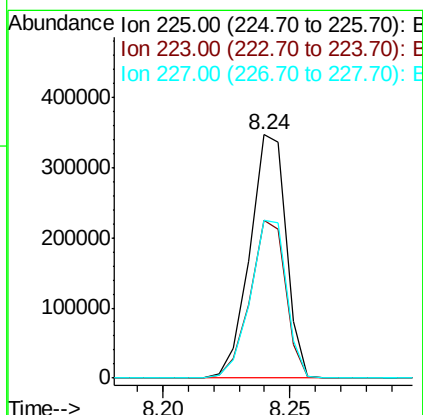
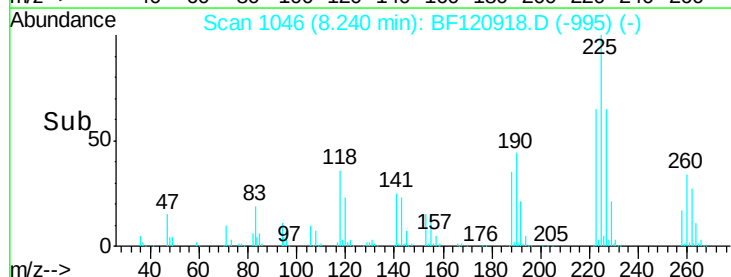
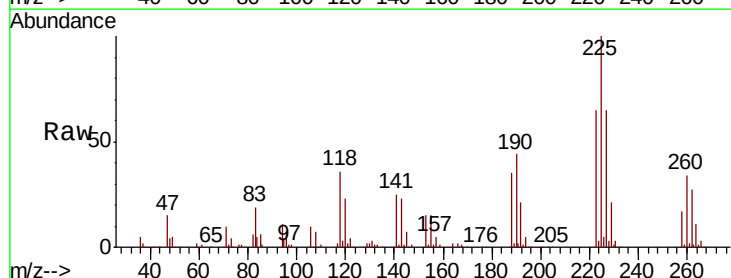
Instrument :
BNA_F
ClientSampleId :
24MS

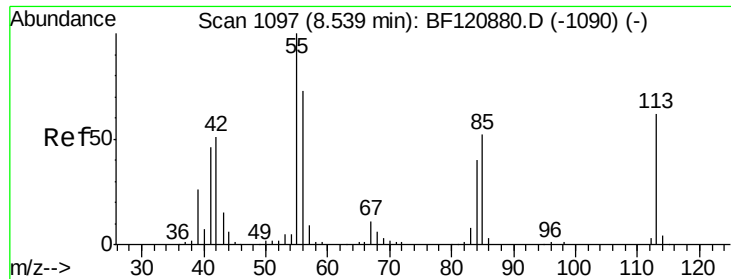
Tot Ion:	127	Resp:	412588
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.5	39.7
65	29.6	23.0	34.4
92	18.5	14.5	21.7



#34
Hexachlorobutadiene
Concen: 42.429 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion:	225	Resp:	346524
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.6	76.0
227	65.0	52.2	78.2

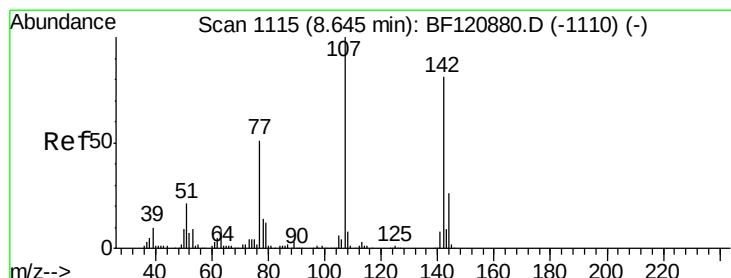
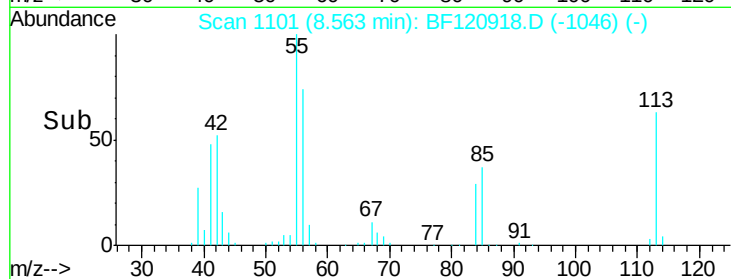
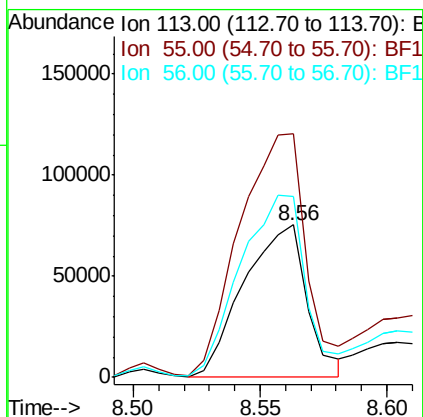
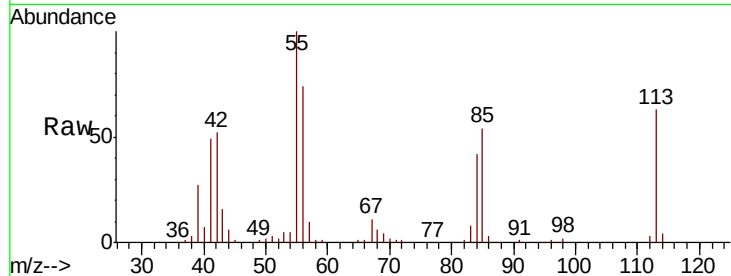




#35
 Caprolactam
 Concen: 32.270 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. 0.02 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

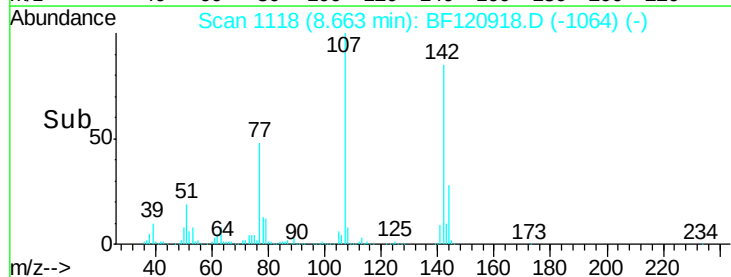
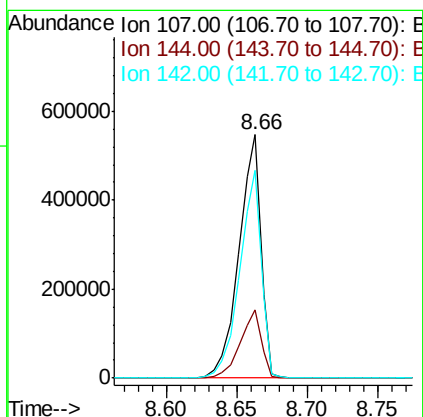
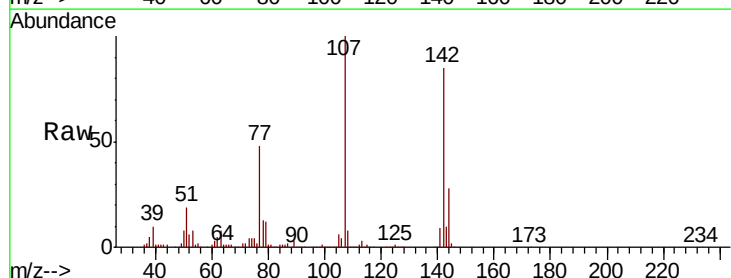
Instrument :
 BNA_F
 ClientSampleId :
 24MS

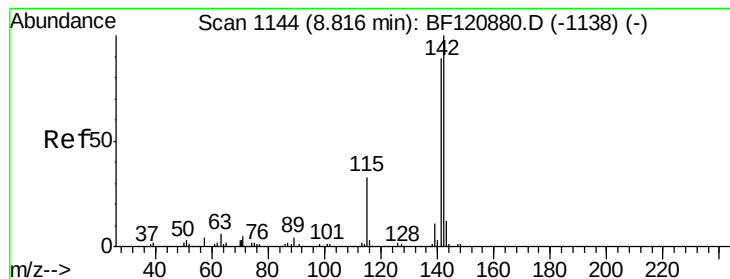
Tot Ion:113 Resp: 129223
 Ion Ratio Lower Upper
 113 100
 55 159.7 143.3 183.3
 56 118.2 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 46.305 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.02 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

Tgt Ion:107 Resp: 593033
 Ion Ratio Lower Upper
 107 100
 144 27.9 21.0 31.6
 142 85.3 65.0 97.6

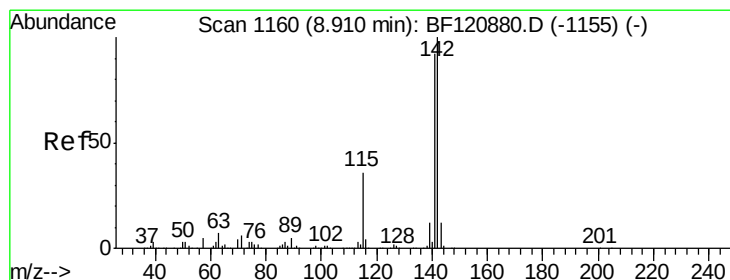
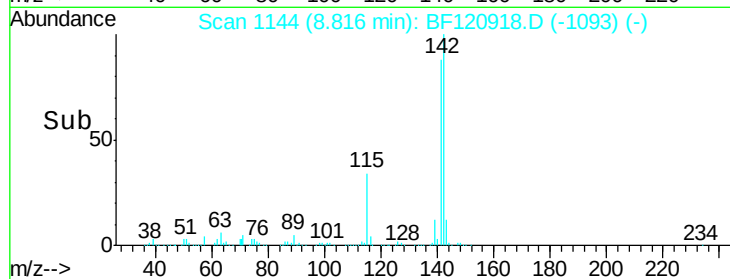
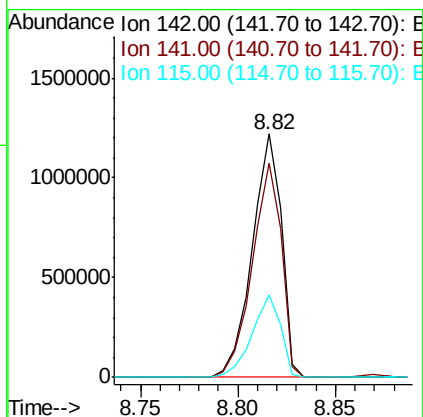
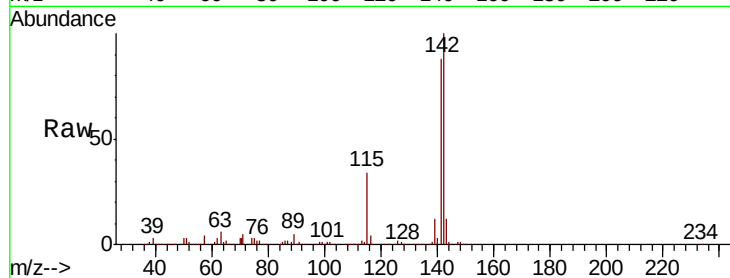




#37
2-Methylnaphthalene
Concen: 44.704 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

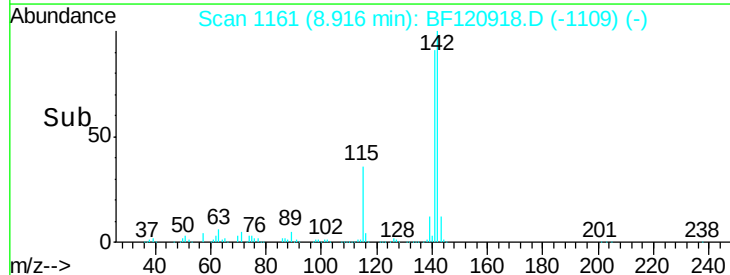
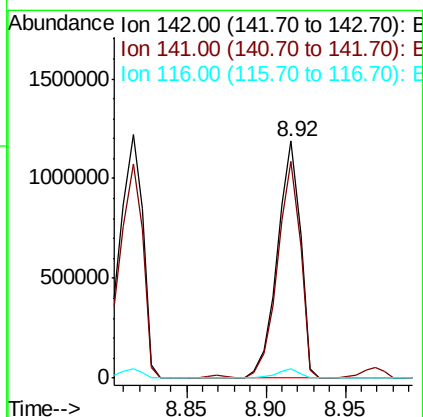
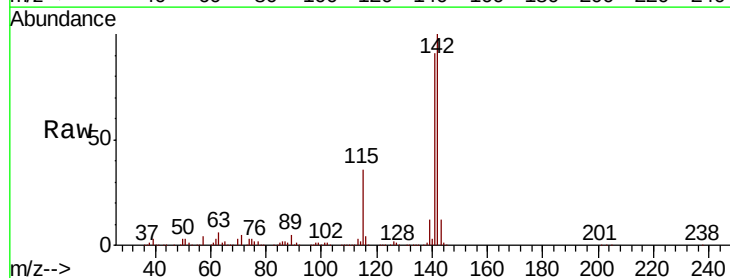
Instrument :
BNA_F
ClientSampleId :
24MS

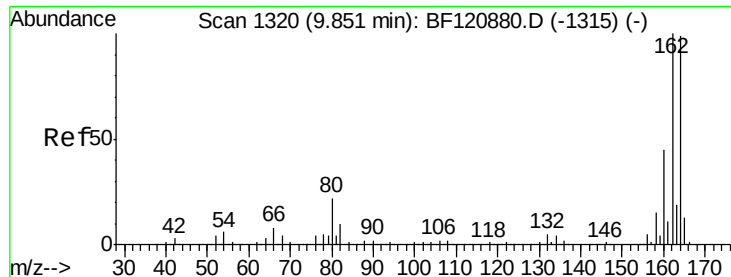
Tot Ion:142 Resp: 1266799
Ion Ratio Lower Upper
142 100
141 88.0 71.0 106.4
115 33.7 26.0 39.0



#38
1-Methylnaphthalene
Concen: 44.657 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion:142 Resp: 1198521
Ion Ratio Lower Upper
142 100
141 91.4 73.7 110.5
116 3.7 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

ClientSampleId :

24MS

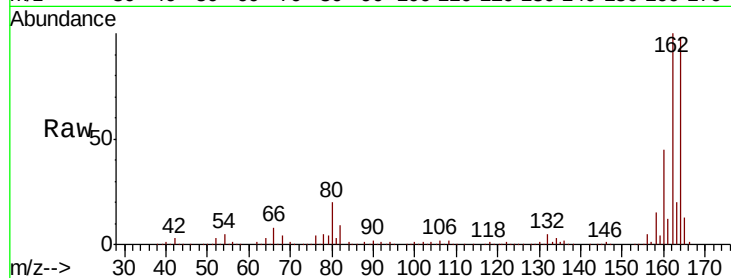
Tot Ion:164 Resp: 437892

Ion Ratio Lower Upper

164 100

162 101.9 81.2 121.8

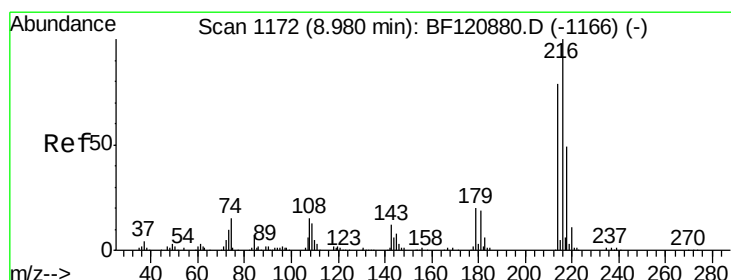
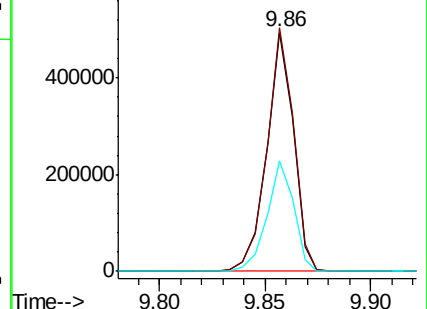
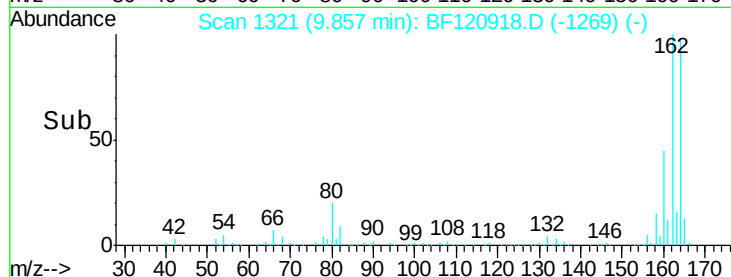
160 46.2 36.9 55.3



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: 43.928 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Tgt Ion:216 Resp: 560446

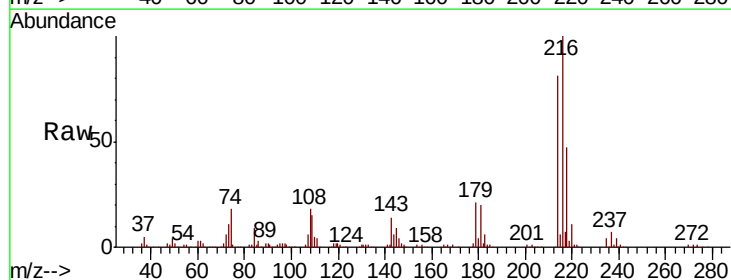
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.8

179 20.4 16.6 24.8

108 19.4 15.4 23.0

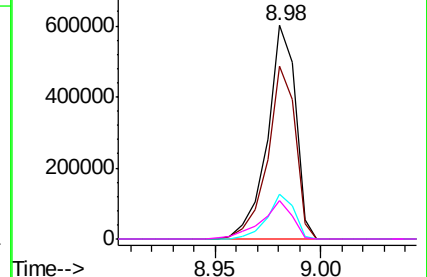
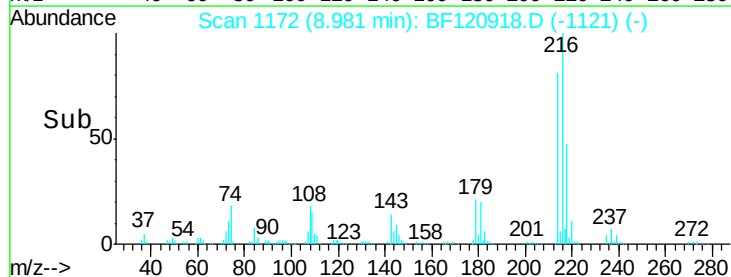


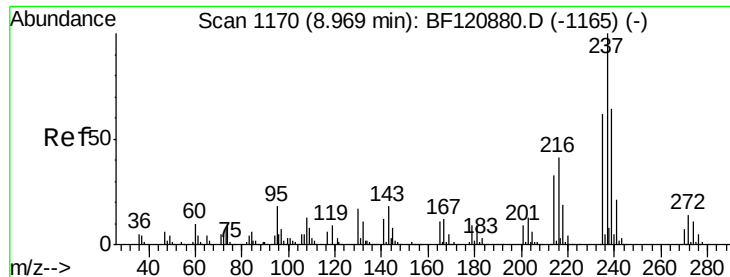
Abundance Ion 216.00 (215.70 to 216.70): E

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: 62.360 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

ClientSampleId :

24MS

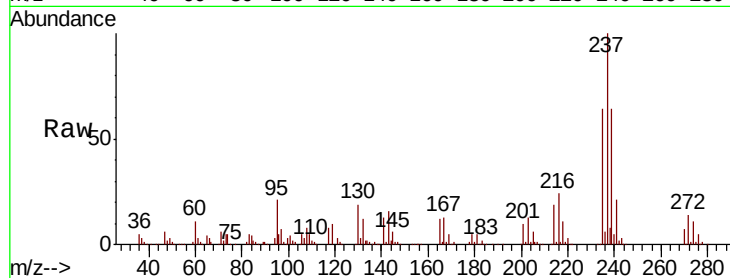
Tot Ion:237 Resp: 439717

Ion Ratio Lower Upper

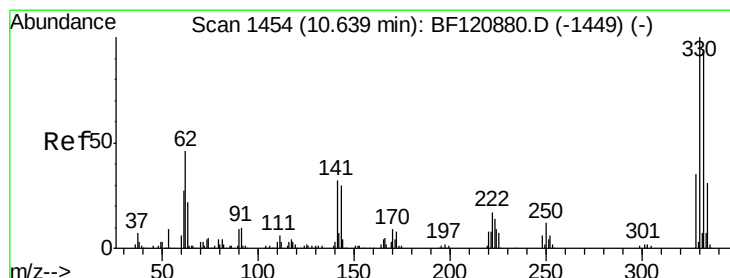
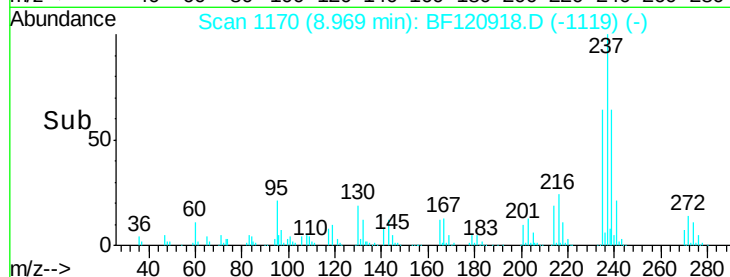
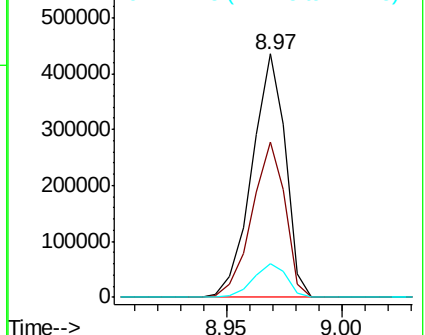
237 100

235 63.9 41.6 81.6

272 13.9 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: 94.009 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

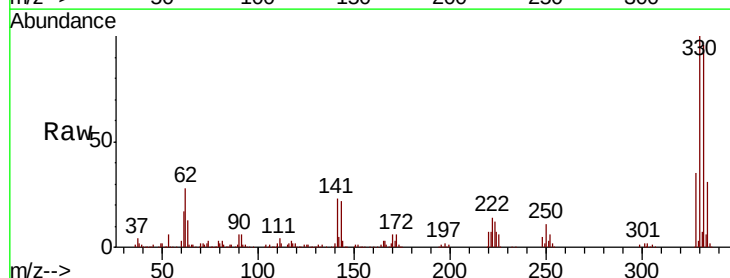
Tgt Ion:330 Resp: 450598

Ion Ratio Lower Upper

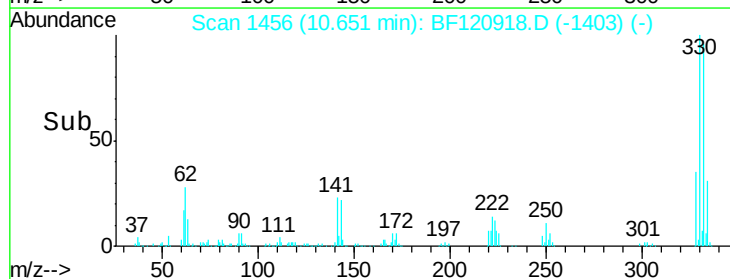
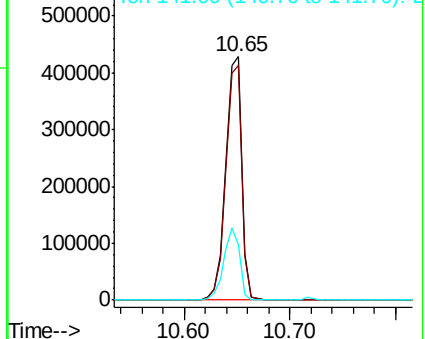
330 100

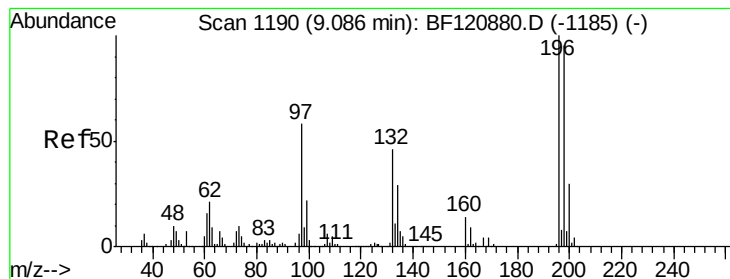
332 95.8 75.5 113.3

141 29.7 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: 47.758 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

ClientSampleId :

24MS

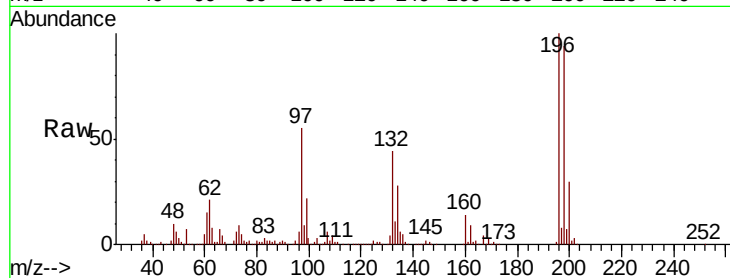
Tot Ion:196 Resp: 429012

Ion Ratio Lower Upper

196 100

198 94.2 75.7 113.5

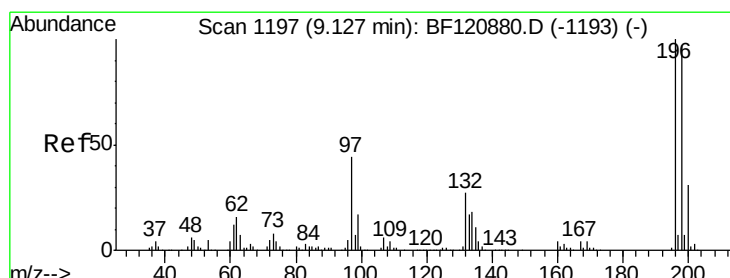
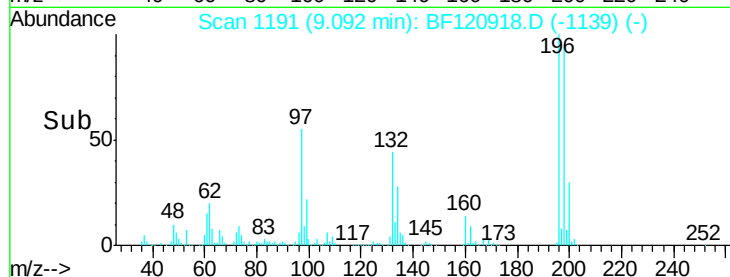
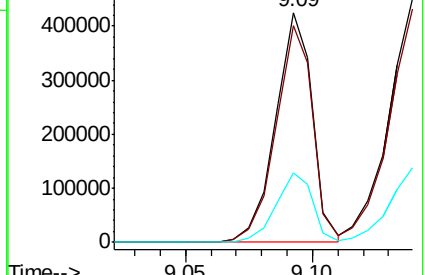
200 30.3 24.4 36.6



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: 44.187 ng

RT: 9.14 min Scan# 1199

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Tgt Ion:196 Resp: 450256

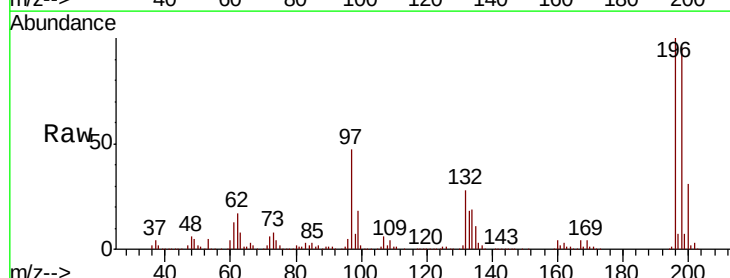
Ion Ratio Lower Upper

196 100

198 96.1 77.6 116.4

97 46.6 35.6 53.4

132 27.7 21.5 32.3

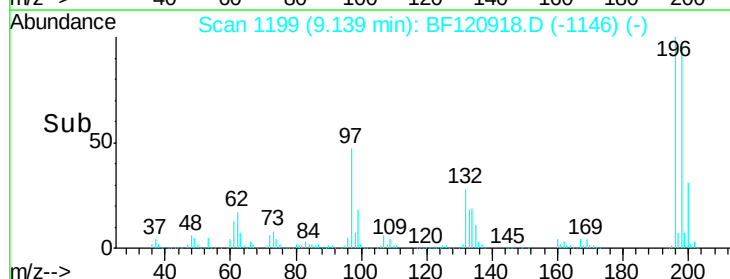
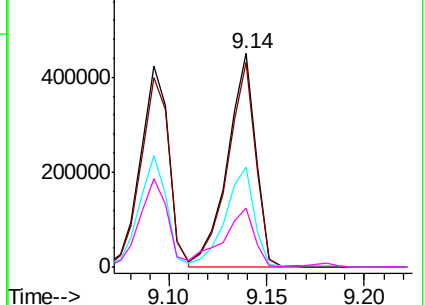


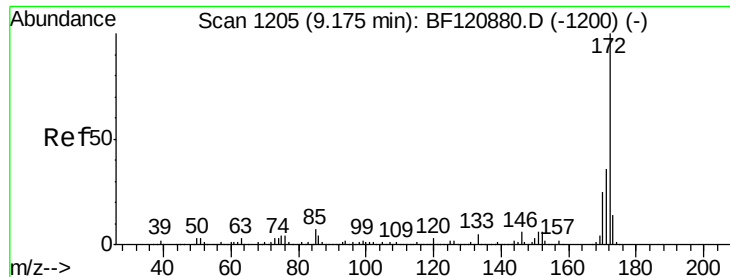
Abundance Ion 196.00 (195.70 to 196.70): E

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

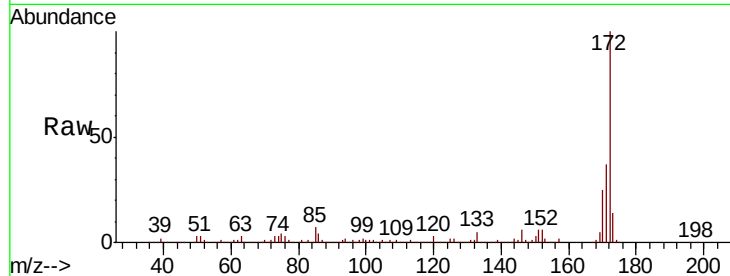




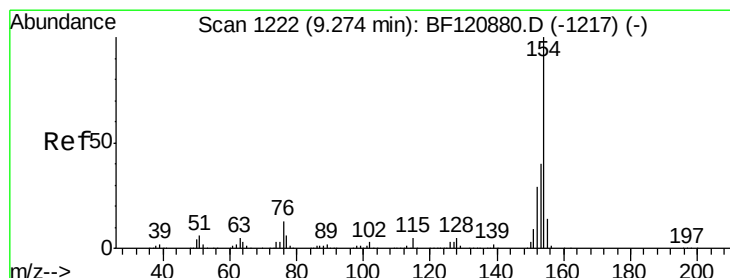
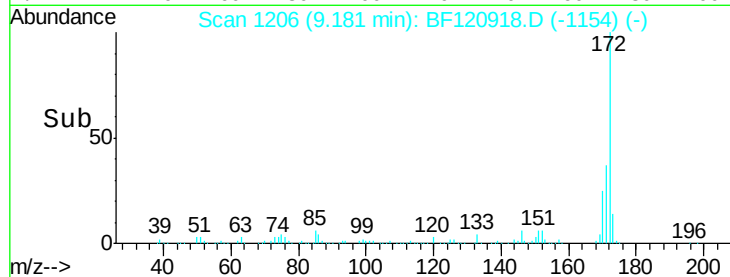
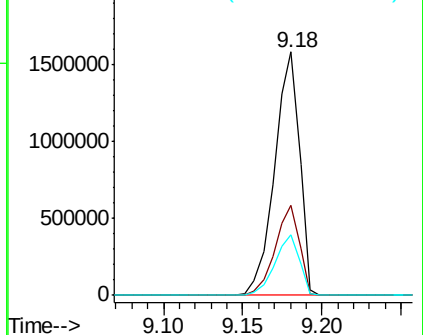
#45
2-Fluorobiphenyl
Concen: 59.037 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampleId :
24MS

Tot Ion:172 Resp: 1731500
Ion Ratio Lower Upper
172 100
171 36.8 29.0 43.4
170 25.0 19.6 29.4

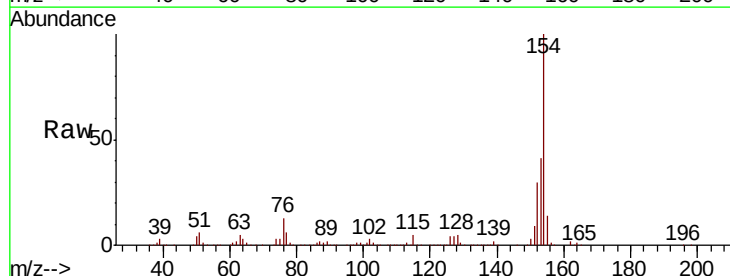


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

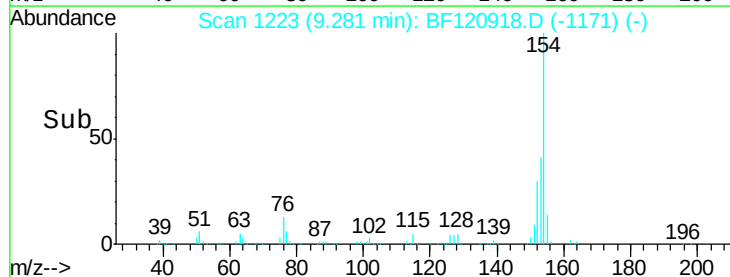
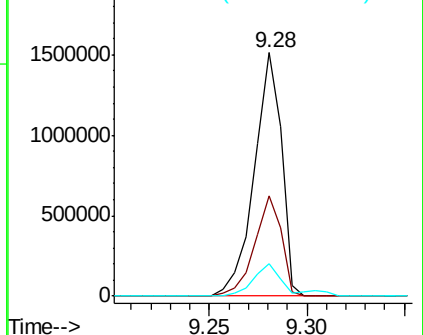


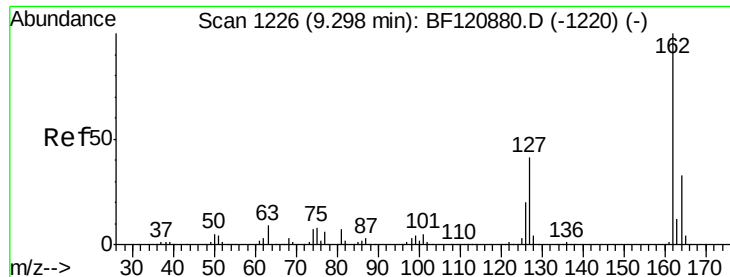
#46
1,1'-Biphenyl
Concen: 43.734 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion:154 Resp: 1460818
Ion Ratio Lower Upper
154 100
153 41.1 20.4 60.4
76 13.1 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

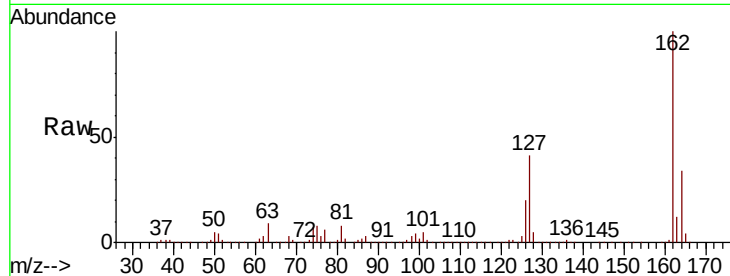




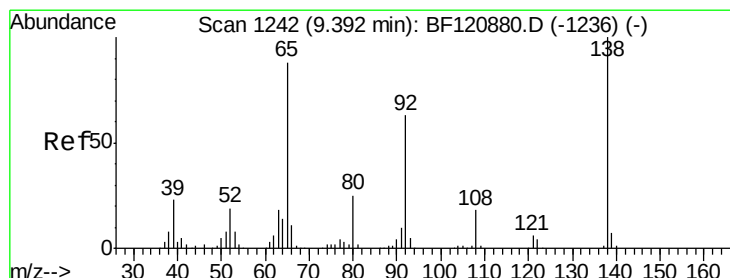
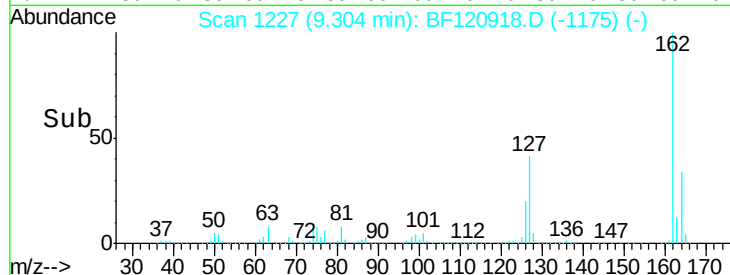
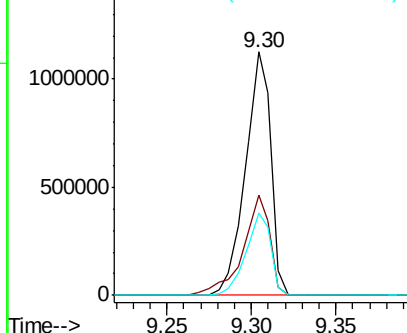
#47
 2-Chloronaphthalene
 Concen: 43.307 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

Instrument :
 BNA_F
 ClientSampleId :
 24MS

Tot Ion:162 Resp: 1179382
 Ion Ratio Lower Upper
 162 100
 127 41.2 33.3 49.9
 164 33.7 26.6 39.8

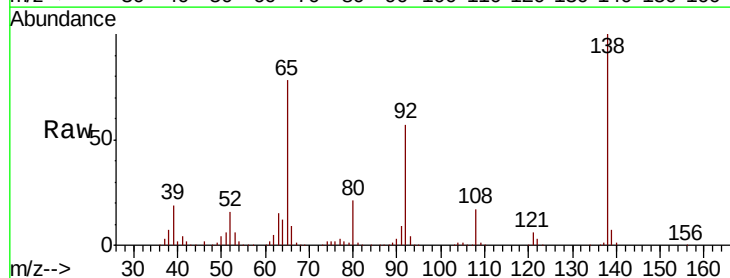


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

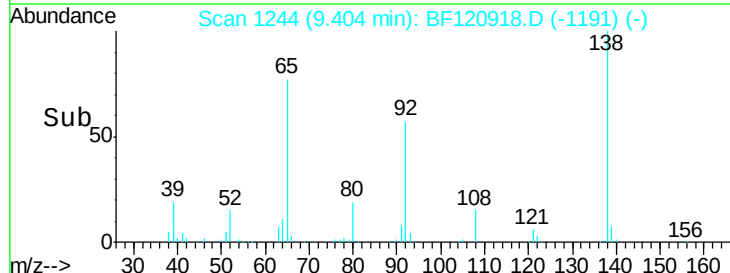
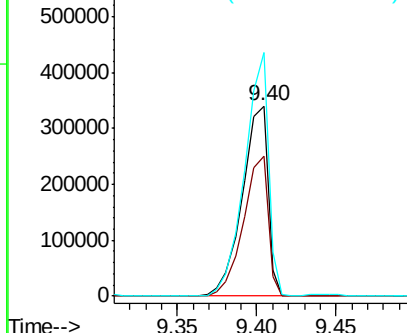


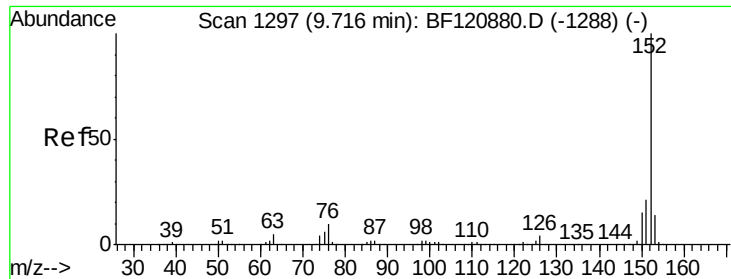
#48
 2-Nitroaniline
 Concen: 46.374 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

Tgt Ion: 65 Resp: 381661
 Ion Ratio Lower Upper
 65 100
 92 73.7 57.0 85.4
 138 128.2 90.4 135.6



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





#49

Acenaphthylene

Concen: 43.480 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

ClientSampleId :

24MS

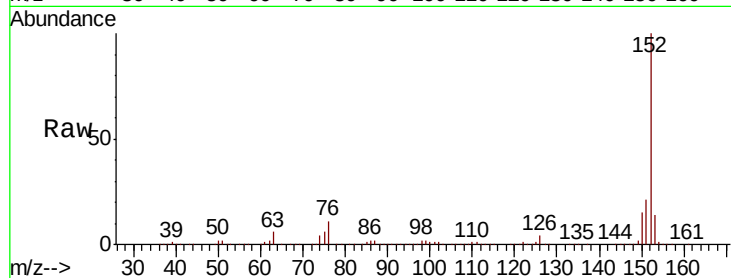
Tot Ion:152 Resp: 1839524

Ion Ratio Lower Upper

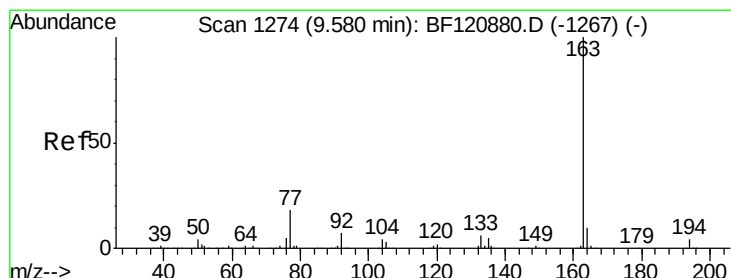
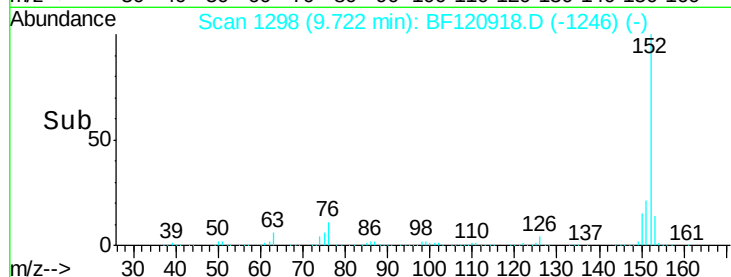
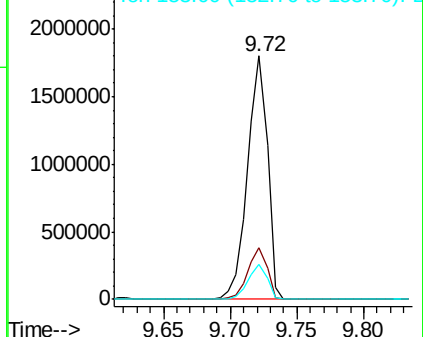
152 100

151 21.3 16.6 25.0

153 14.1 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: 55.574 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

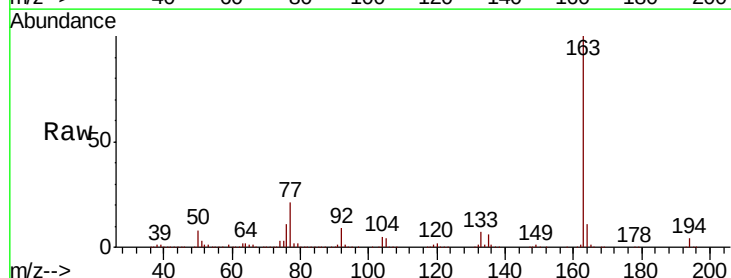
Tgt Ion:163 Resp: 1755662

Ion Ratio Lower Upper

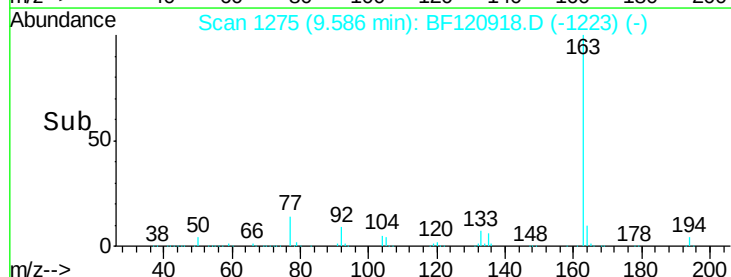
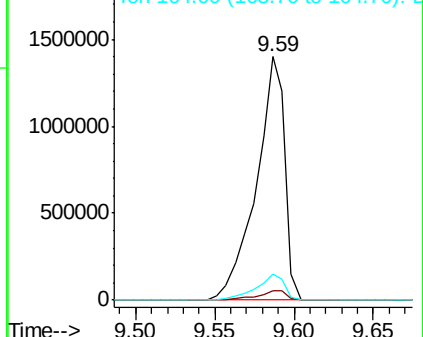
163 100

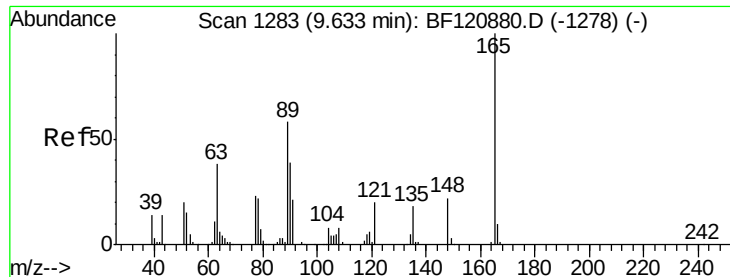
194 4.0 3.2 4.8

164 10.7 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

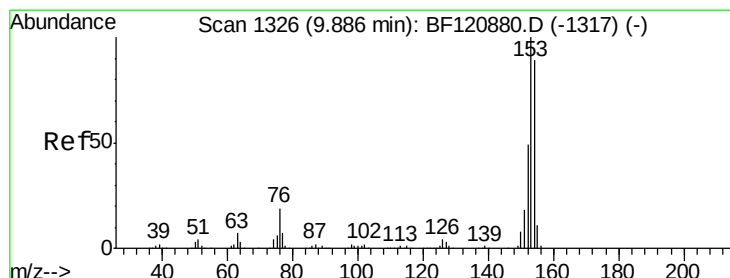
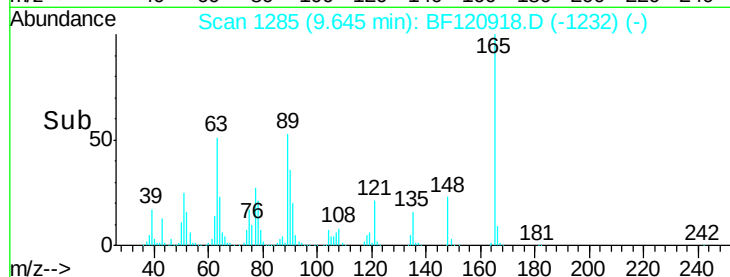
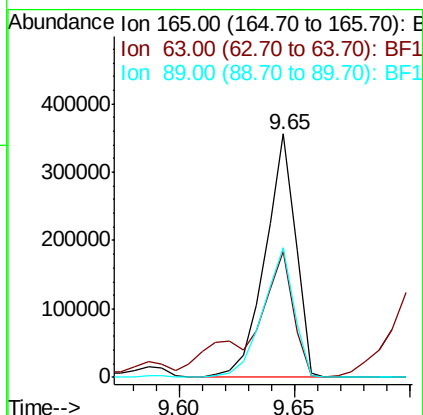
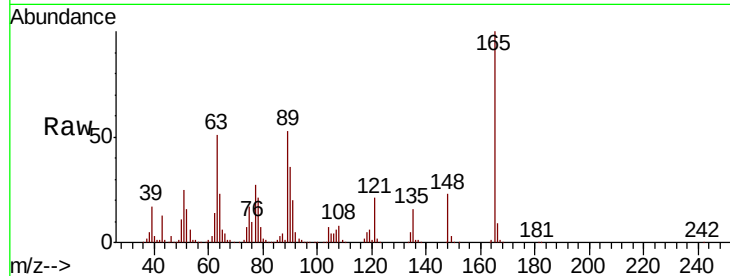




#51
2,6-Dinitrotoluene
Concen: 48.250 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

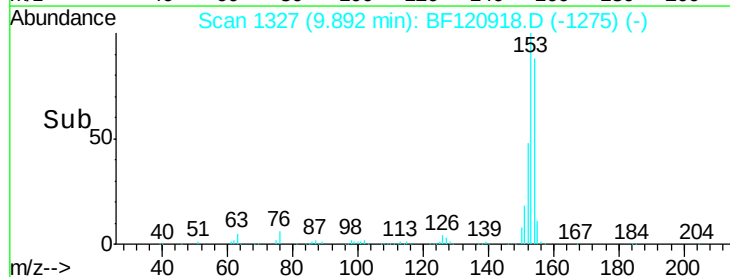
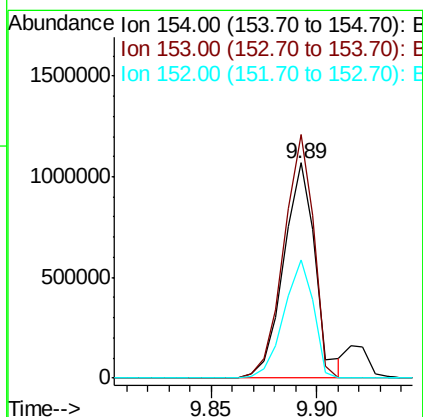
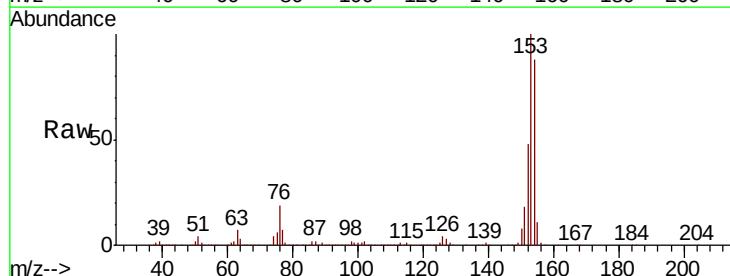
Instrument :
BNA_F
ClientSampleId :
24MS

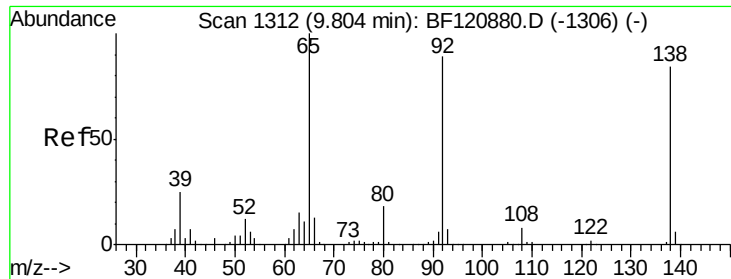
Tot Ion:165 Resp: 327475
Ion Ratio Lower Upper
165 100
63 51.5 45.4 68.2
89 53.5 47.0 70.4



#52
Acenaphthene
Concen: 41.526 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion:154 Resp: 1116966
Ion Ratio Lower Upper
154 100
153 113.1 89.5 134.3
152 54.8 44.2 66.2

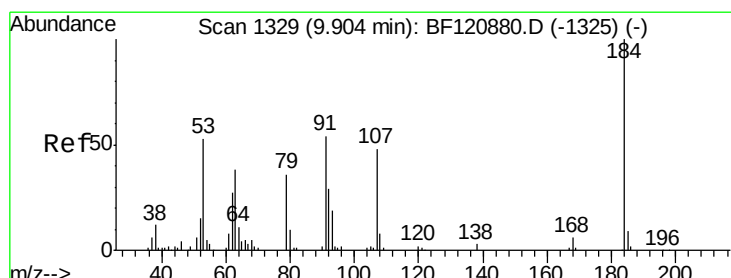
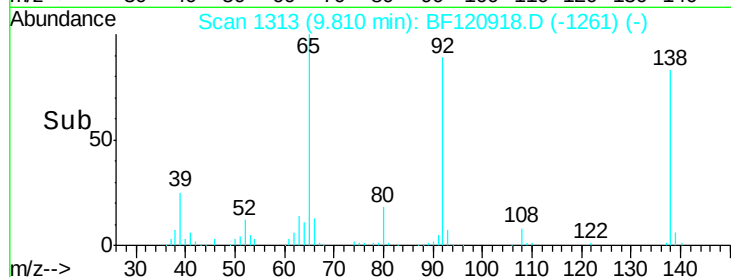
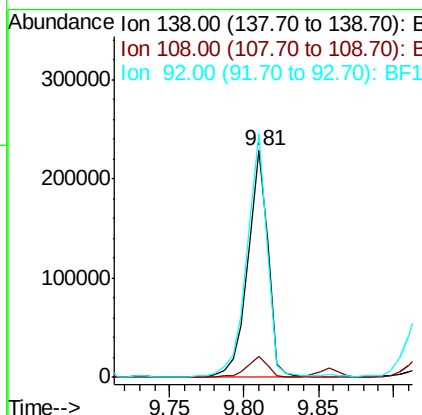
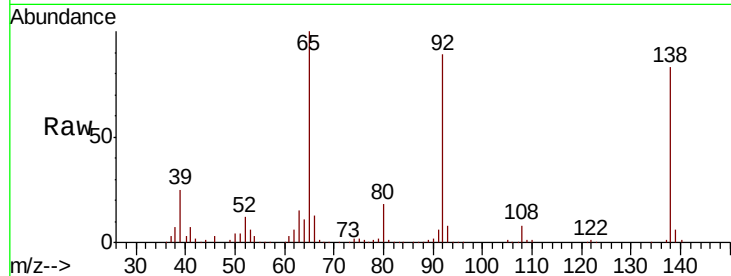




#53
 3-Nitroaniline
 Concen: 25.128 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

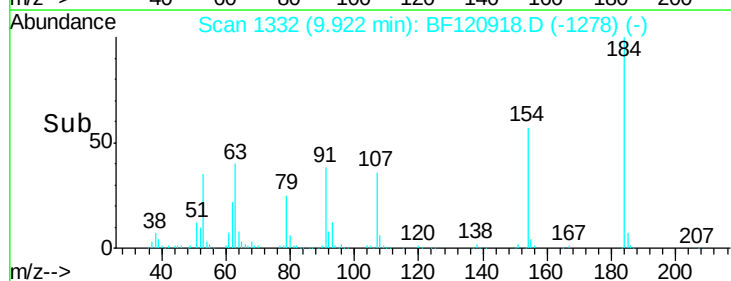
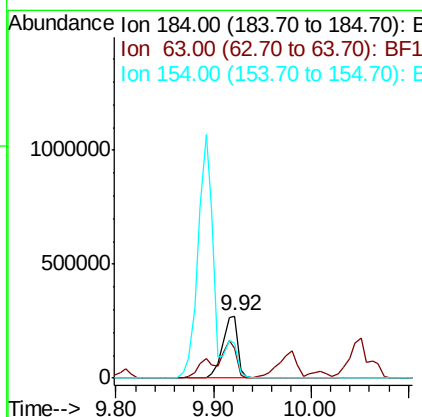
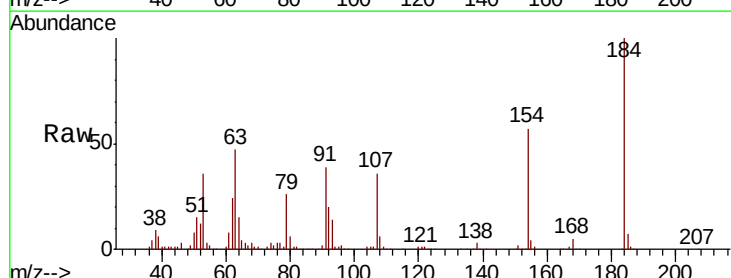
Instrument :
 BNA_F
 ClientSampleId :
 24MS

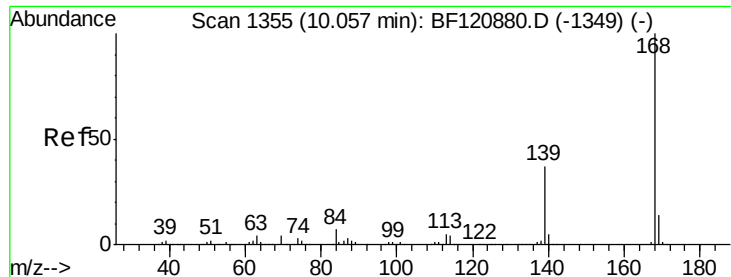
Tot Ion:138 Resp: 213893
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.9 11.9
 92 107.5 85.3 127.9



#54
 2,4-Dinitrophenol
 Concen: 76.454 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.02 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

Tgt Ion:184 Resp: 297387
 Ion Ratio Lower Upper
 184 100
 63 47.2 57.9 86.9#
 154 56.7 52.6 78.8

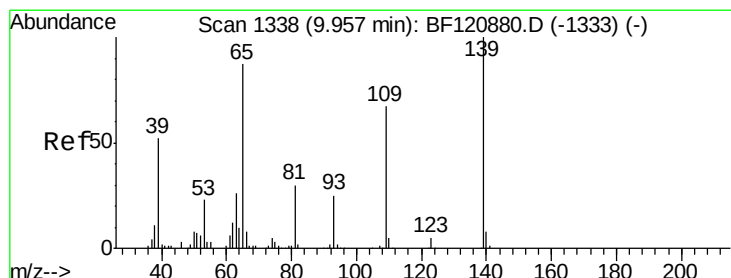
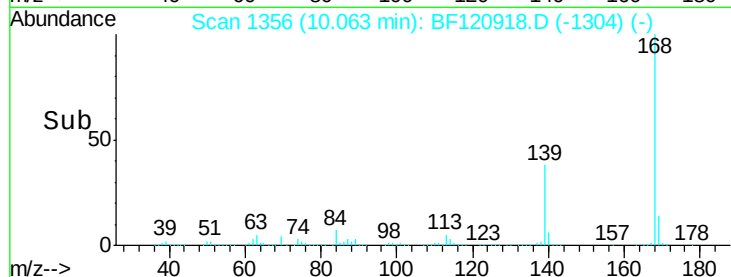
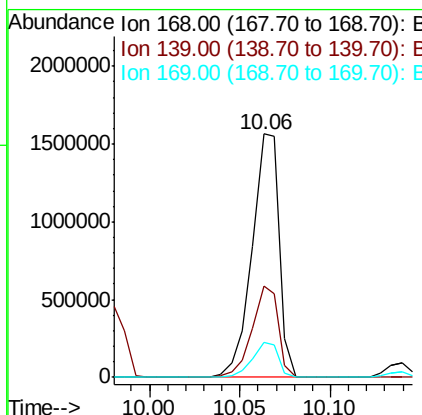
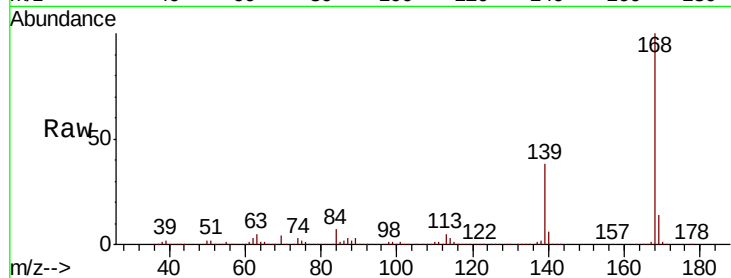




#55
Dibenzenofuran
Concen: 41.981 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

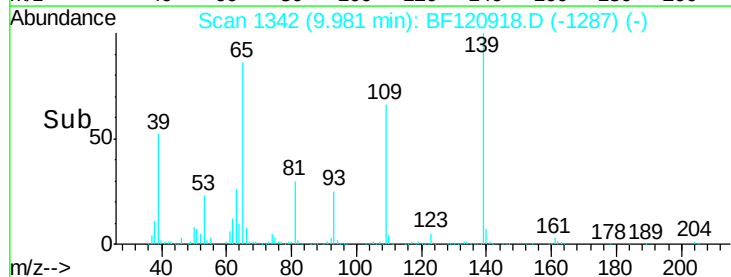
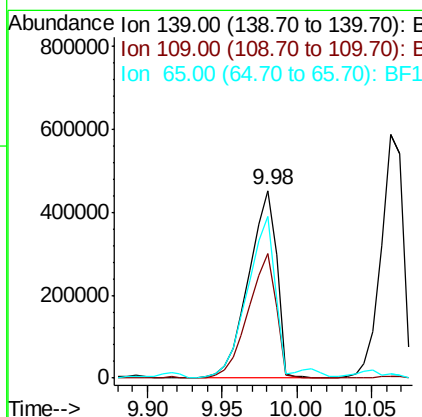
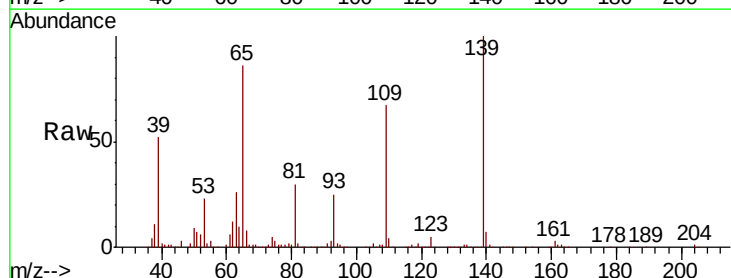
Instrument :
BNA_F
ClientSampleId :
24MS

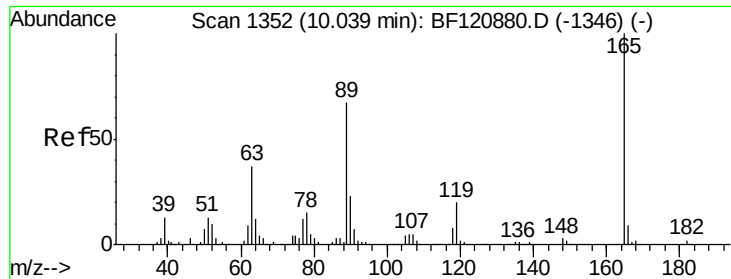
Tot Ion:168 Resp: 1632922
Ion Ratio Lower Upper
168 100
139 37.6 29.7 44.5
169 14.2 11.1 16.7



#56
4-Nitrophenol
Concen: 91.410 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion:139 Resp: 591066
Ion Ratio Lower Upper
139 100
109 66.5 47.3 87.3
65 86.0 67.2 107.2

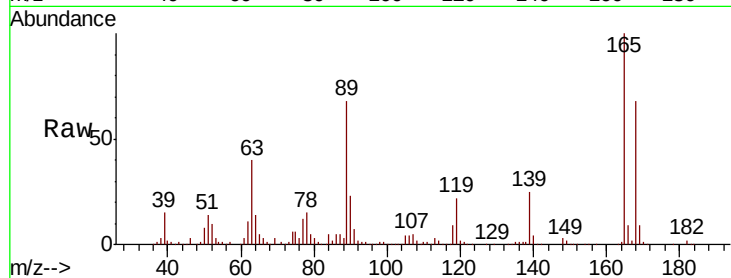




#57
2,4-Dinitrotoluene
Concen: 48.177 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampleId :
24MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.5	29.4	44.2
89	68.4	53.4	80.0
182	2.3	1.8	2.6

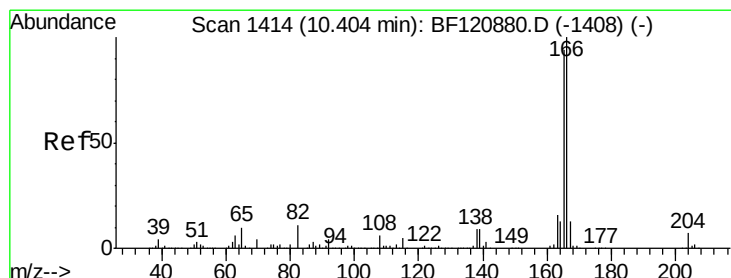
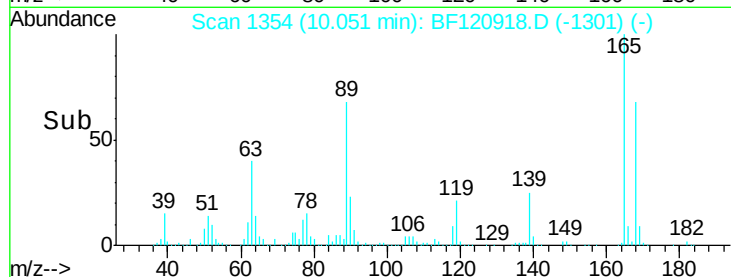
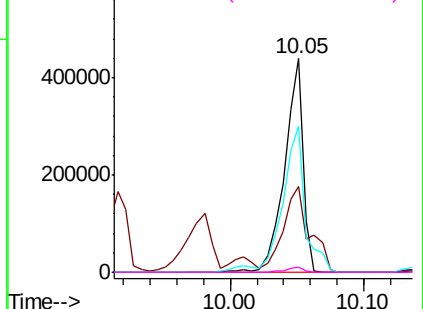


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

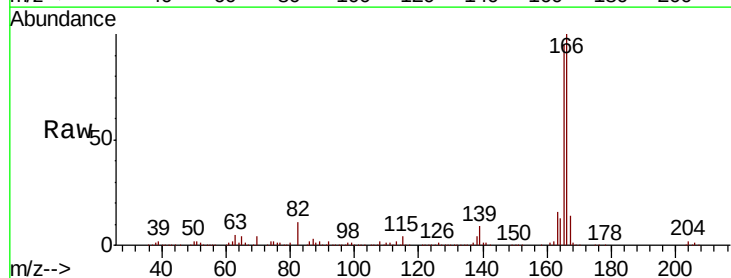
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.799 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

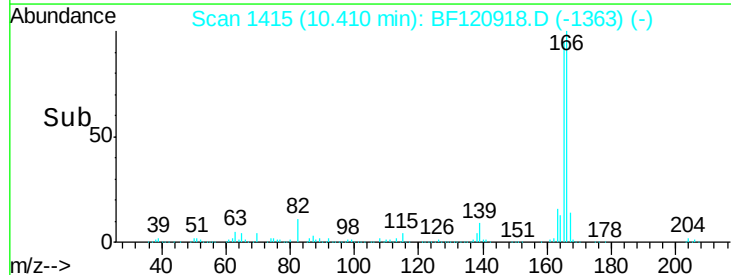
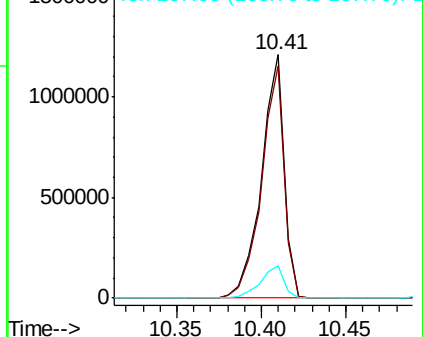
Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.3	75.4	113.0
167	13.5	10.6	15.8

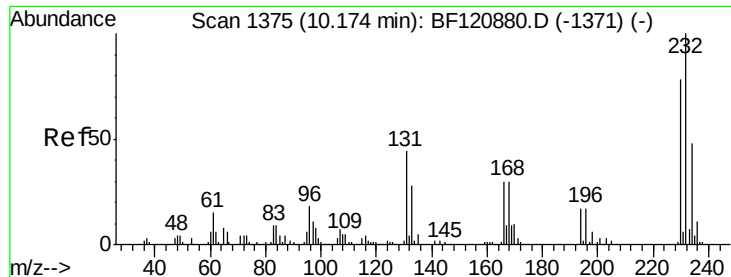


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

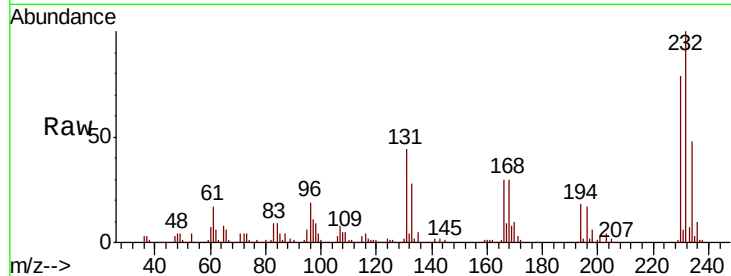




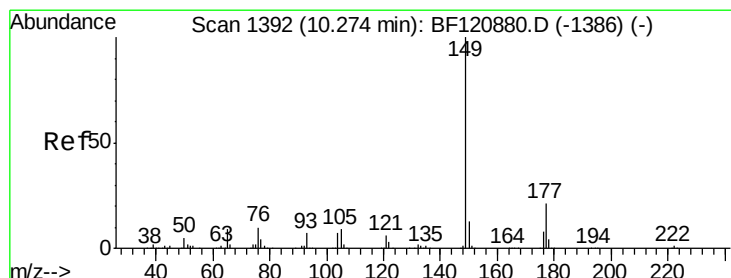
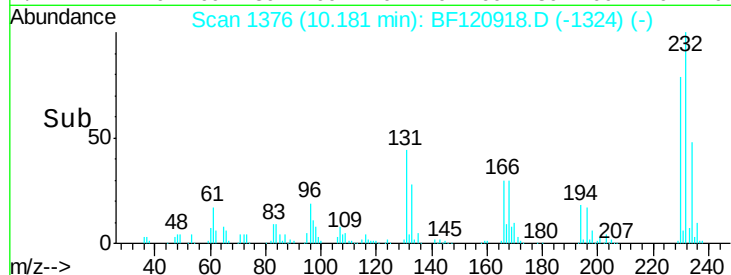
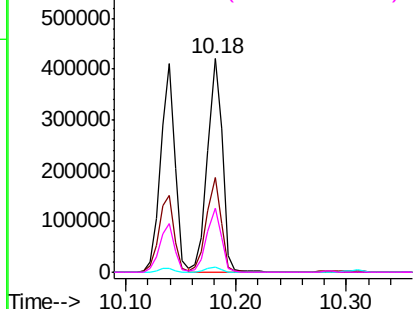
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.936 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampleId :
24MS

Tot Ion:232 Resp: 379655
Ion Ratio Lower Upper
232 100
131 43.2 37.1 55.7
130 2.1 1.7 2.5
166 29.3 24.2 36.4

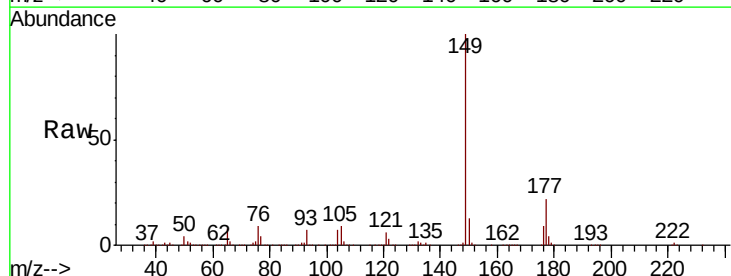


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

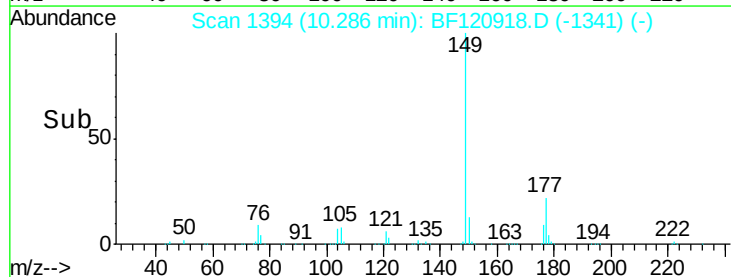
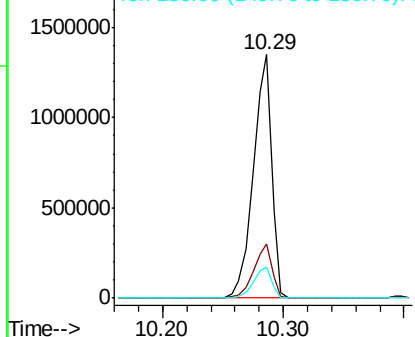


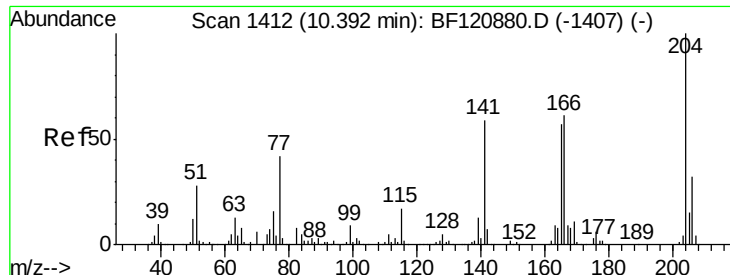
#60
Diethylphthalate
Concen: 44.863 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion:149 Resp: 1433528
Ion Ratio Lower Upper
149 100
177 22.5 17.1 25.7
150 12.6 10.3 15.5



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

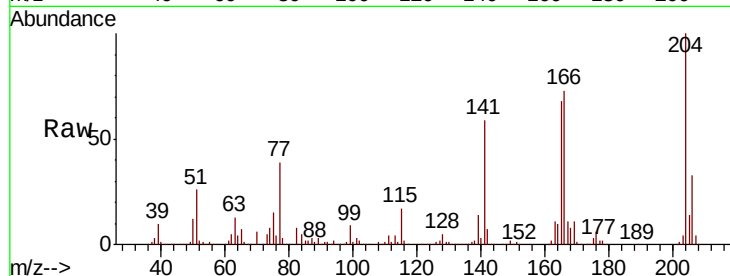




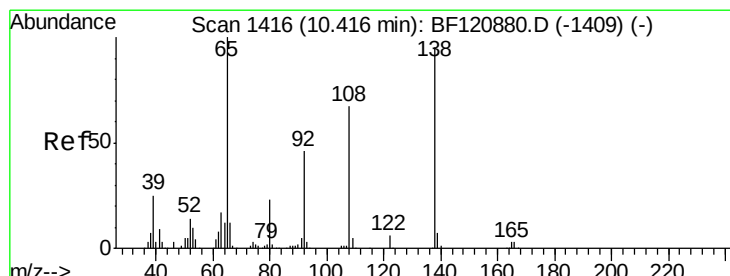
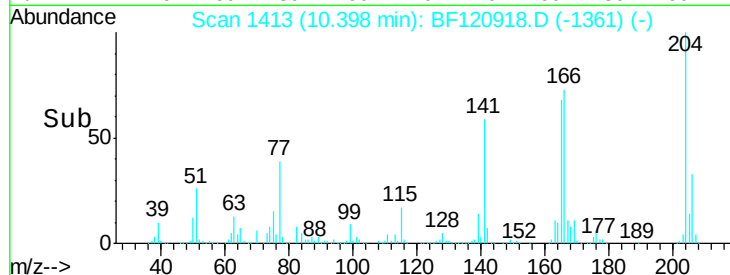
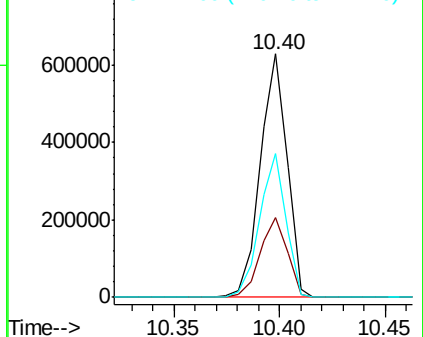
#61
4-Chlorophenyl-phenylether
Concen: 35.895 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampleId :
24MS

Tot Ion:204 Resp: 555409
Ion Ratio Lower Upper
204 100
206 33.0 25.9 38.9
141 58.8 47.2 70.8

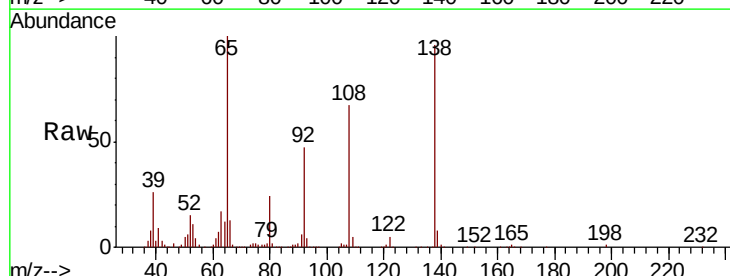


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

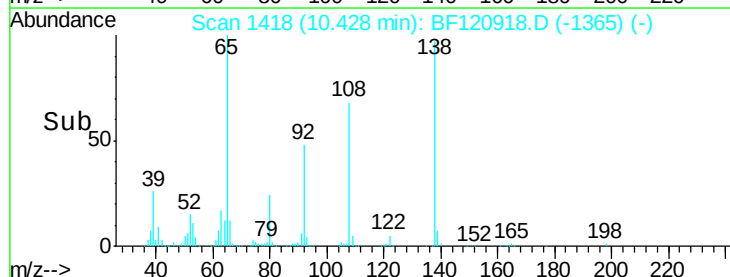
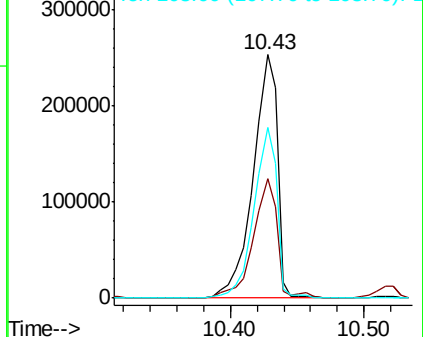


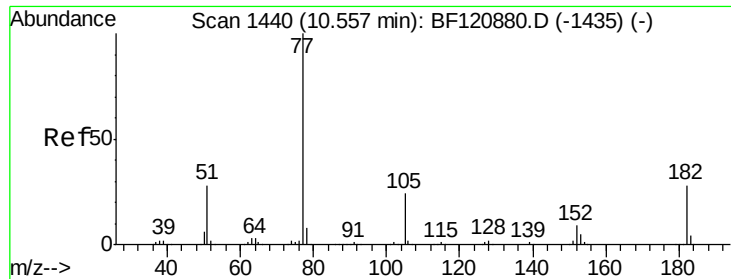
#62
4-Nitroaniline
Concen: 38.052 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion:138 Resp: 315515
Ion Ratio Lower Upper
138 100
92 49.3 28.6 68.6
108 70.1 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: 43.037 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

ClientSampleId :

24MS

Tot Ion: 77 Resp: 1309198

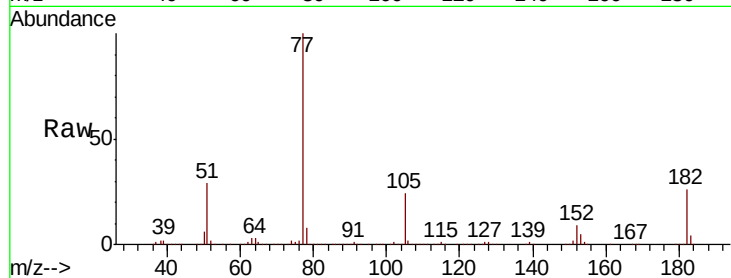
Ion Ratio Lower Upper

77 100

182 25.9 7.8 47.8

105 23.7 4.4 44.4

51 29.0 8.0 48.0

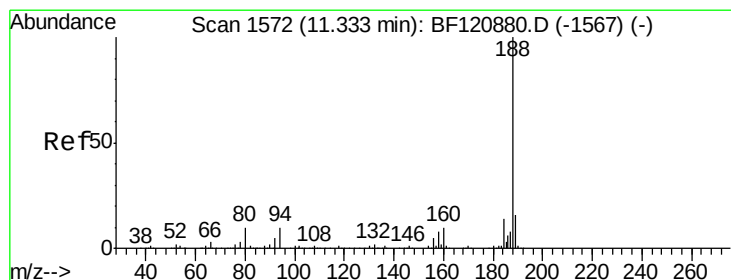
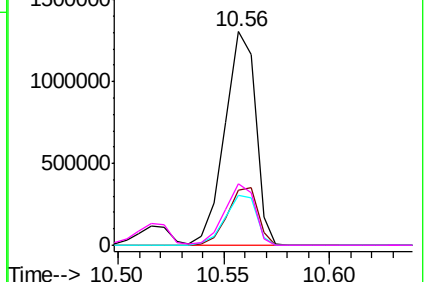
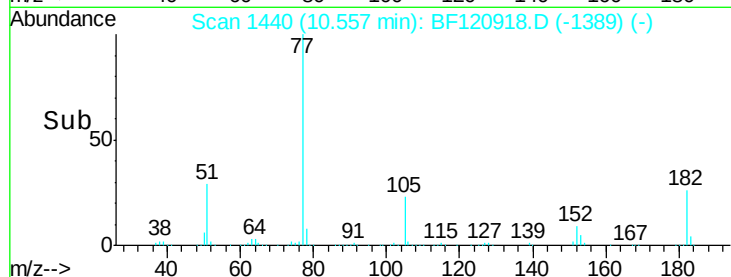


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF120918.D

Acq: 17 Jul 2020 13:00

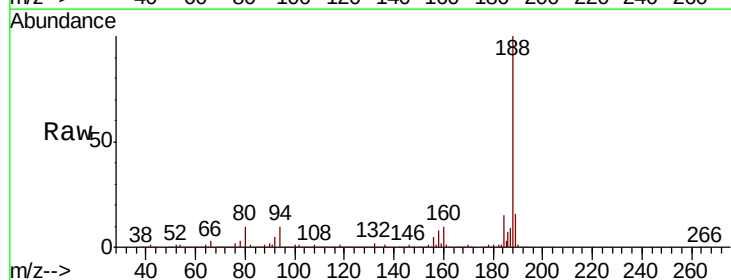
Tgt Ion: 188 Resp: 799775

Ion Ratio Lower Upper

188 100

94 10.0 8.0 12.0

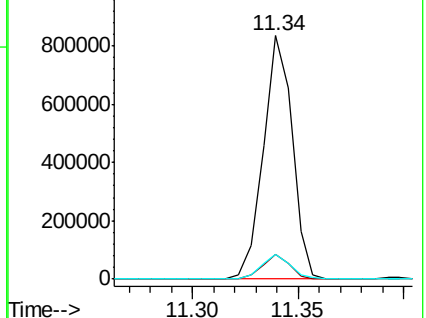
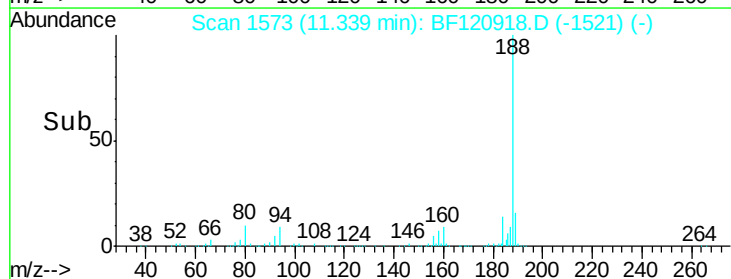
80 10.3 8.3 12.5

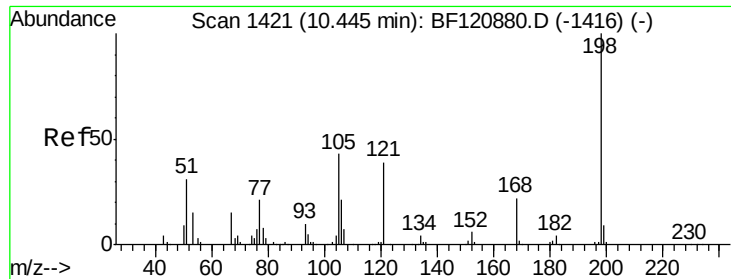


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

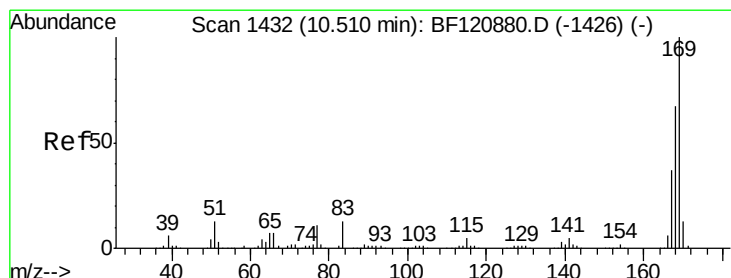
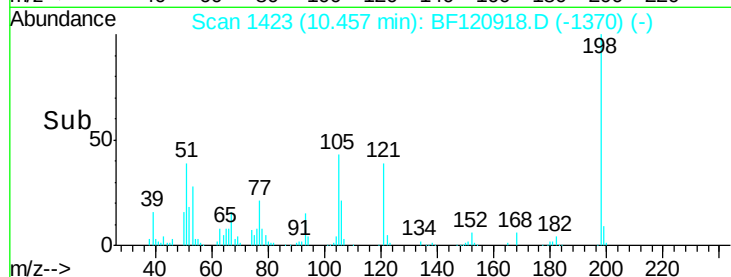
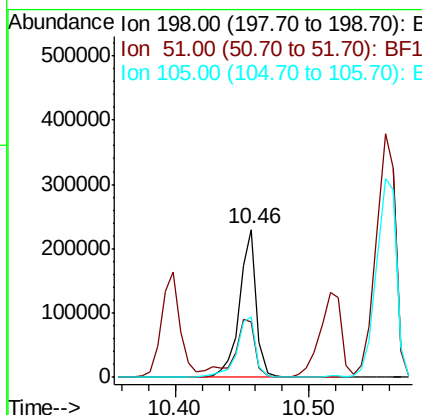
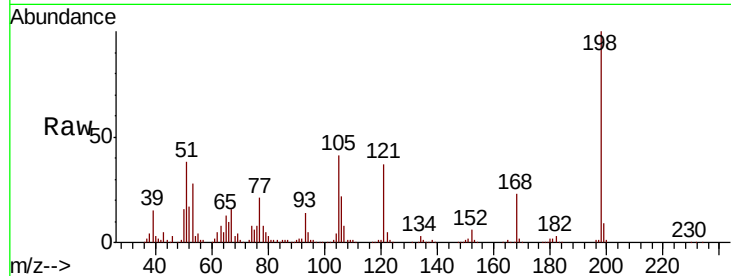




#65
4,6-Dinitro-2-methylphenol
Concen: 44.077 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

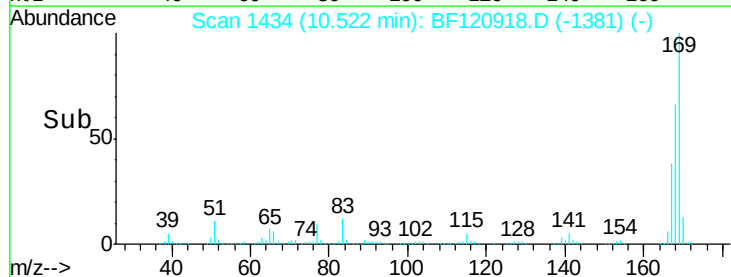
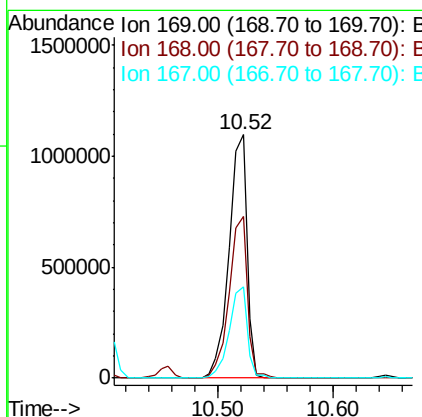
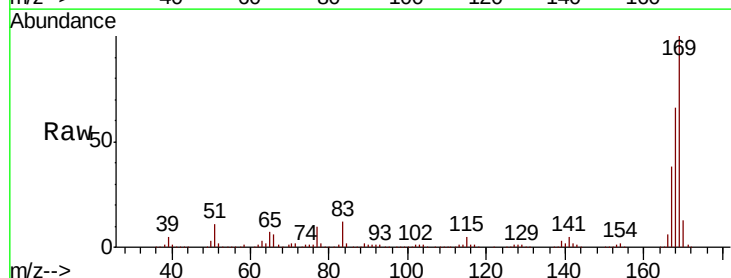
Instrument :
BNA_F
ClientSampled :
24MS

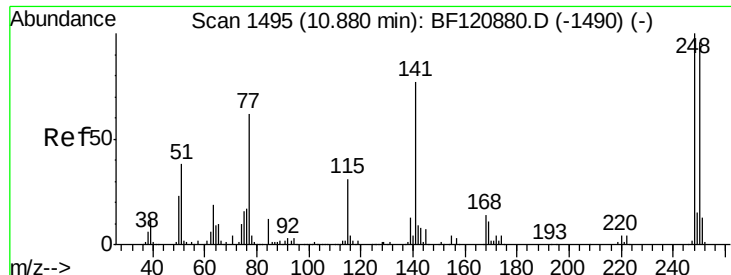
Tot Ion:198 Resp: 202440
Ion Ratio Lower Upper
198 100
51 37.6 19.5 59.5
105 40.9 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 46.977 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion:169 Resp: 1181921
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.0
167 37.6 29.4 44.0

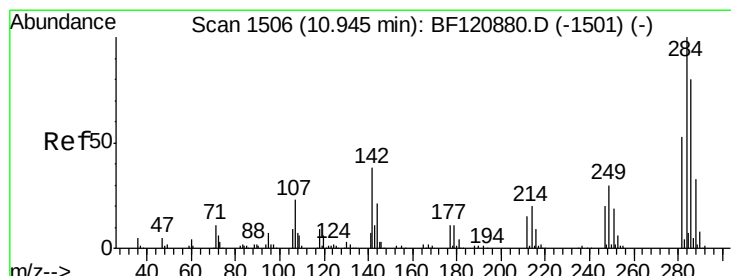
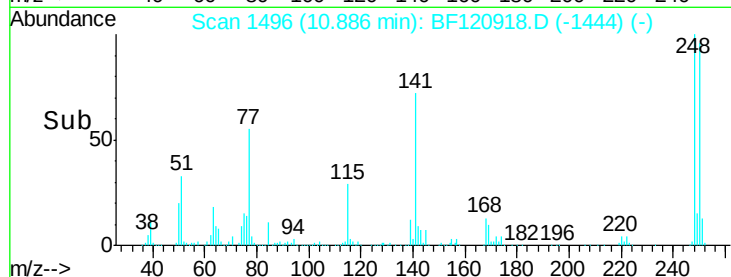
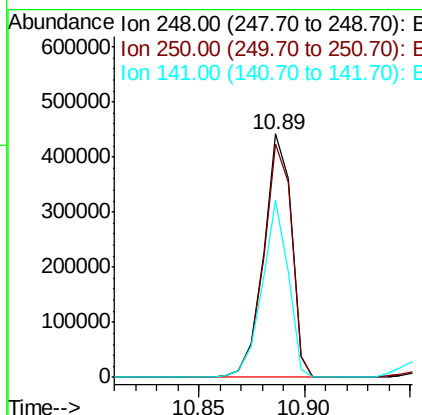
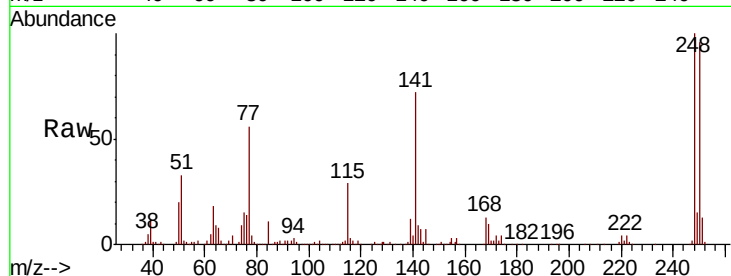




#67
 4-Bromophenyl-phenylether
 Concen: 45.341 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

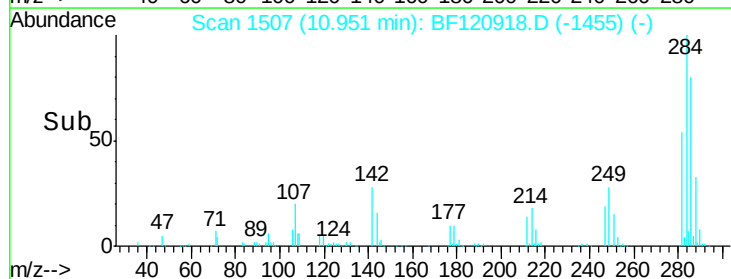
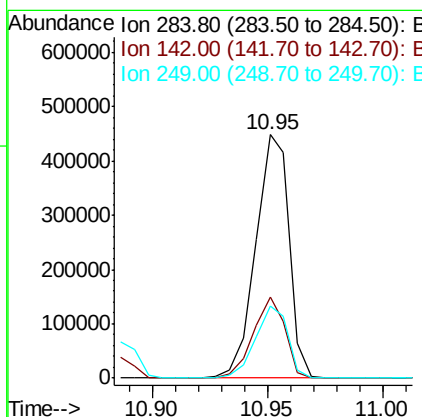
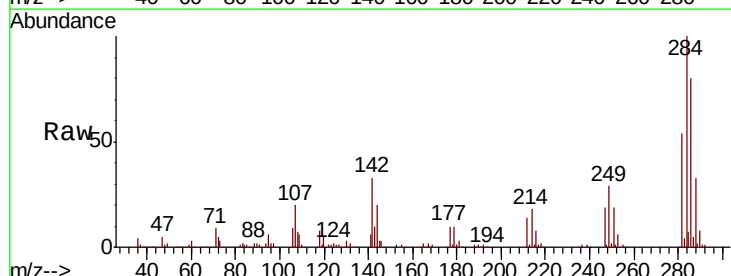
Instrument :
 BNA_F
 ClientSampled :
 24MS

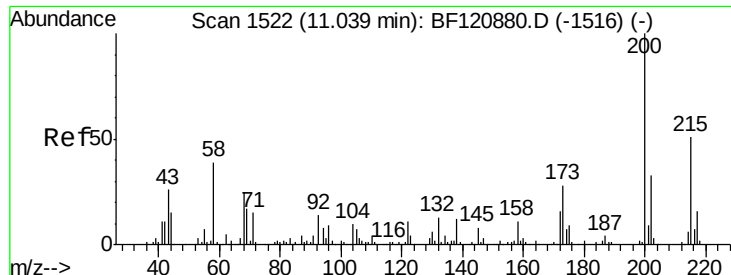
Tot Ion:248 Resp: 404301
 Ion Ratio Lower Upper
 248 100
 250 95.9 77.1 115.7
 141 72.5 61.2 91.8



#68
 Hexachlorobenzene
 Concen: 46.752 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

Tgt Ion:284 Resp: 450961
 Ion Ratio Lower Upper
 284 100
 142 33.5 30.2 45.2
 249 29.4 24.2 36.2



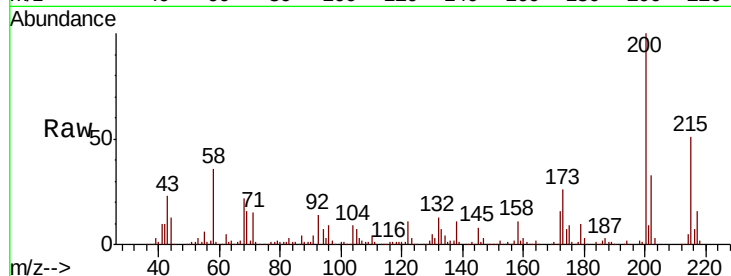


#69
Atrazine
Concen: 54.213 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

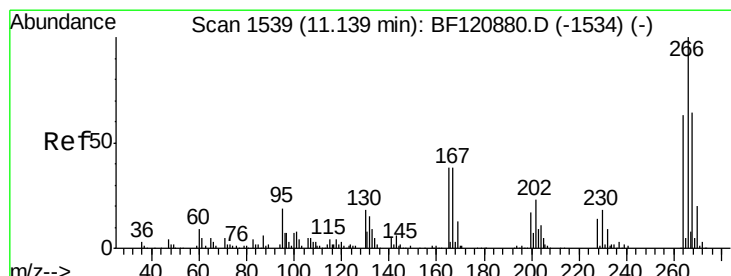
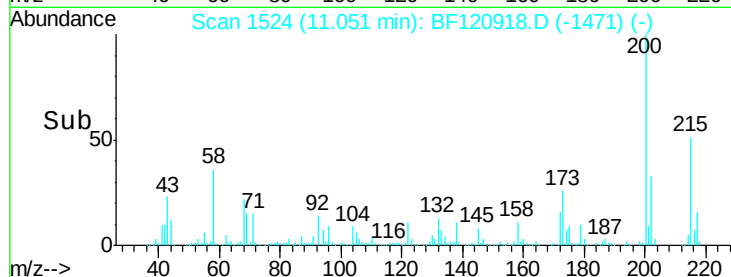
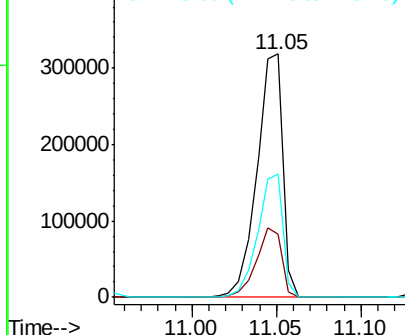
Instrument :
BNA_F
ClientSampleId :
24MS

Tot Ion:200 Resp: 337794

Ion	Ratio	Lower	Upper
200	100		
173	26.1	8.0	48.0
215	50.5	31.5	71.5



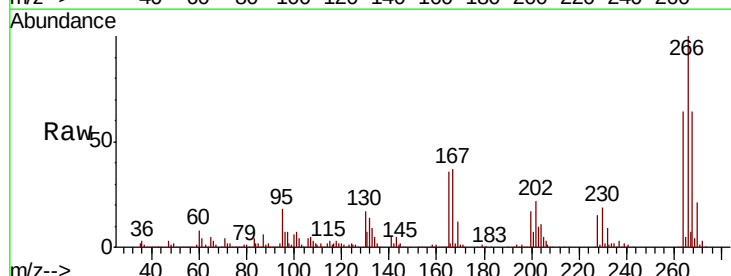
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



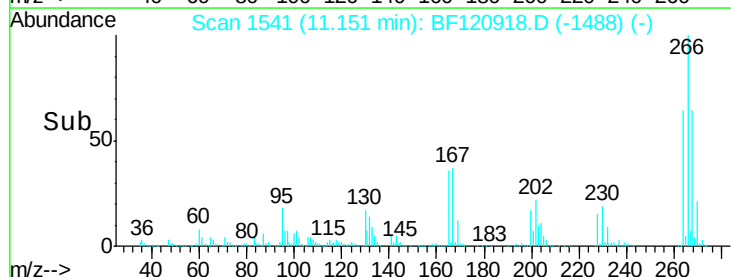
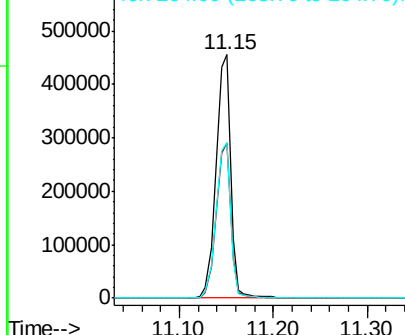
#70
Pentachlorophenol
Concen: 91.294 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

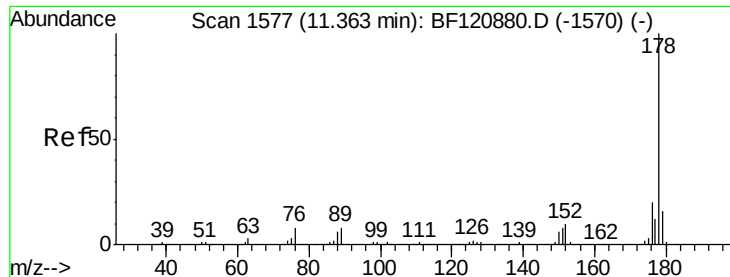
Tgt Ion:266 Resp: 504479

Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.1	76.7
264	63.9	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

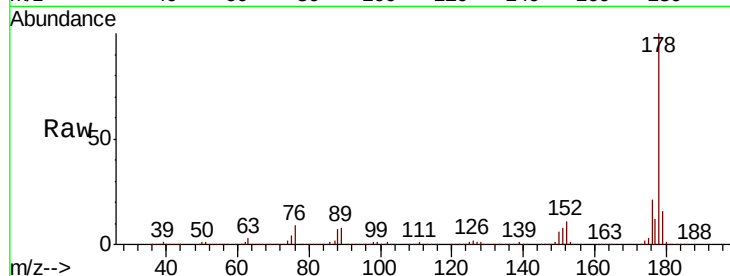




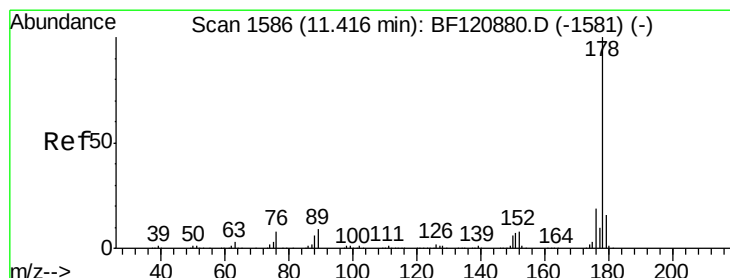
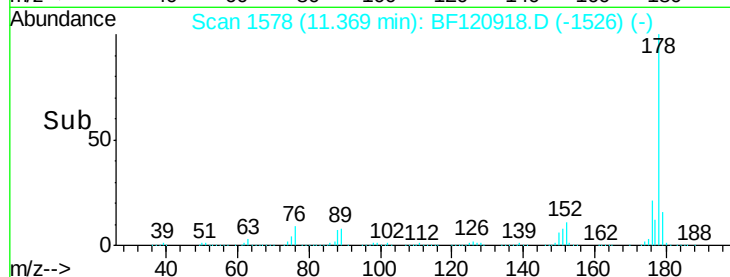
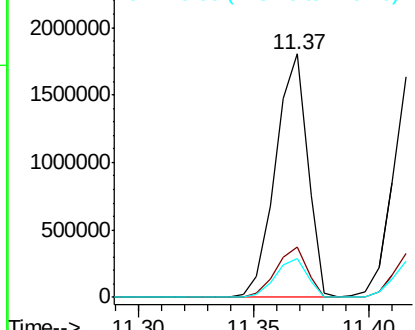
#71
 Phenanthrene
 Concen: 42.368 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.01 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

Instrument :
 BNA_F
 ClientSampleId :
 24MS

Tot Ion:178 Resp: 1742692
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.2 24.4
 179 16.1 12.8 19.2

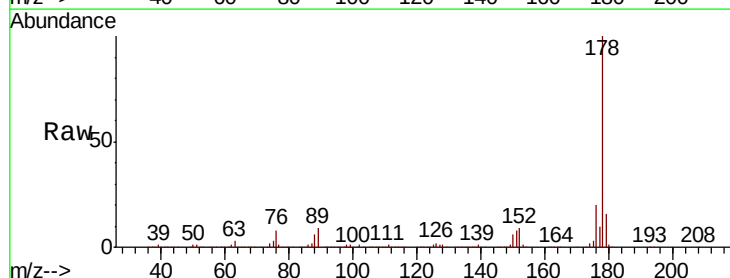


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

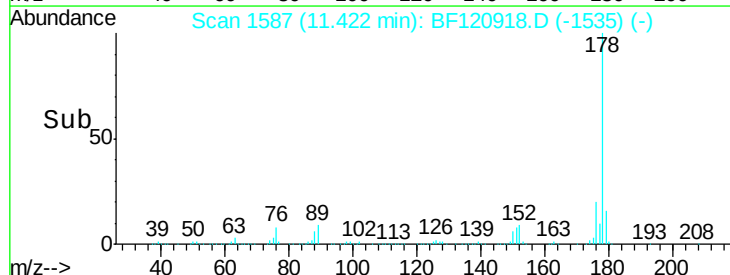
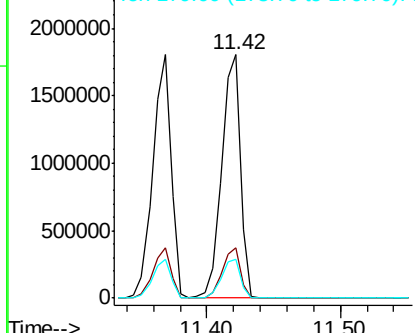


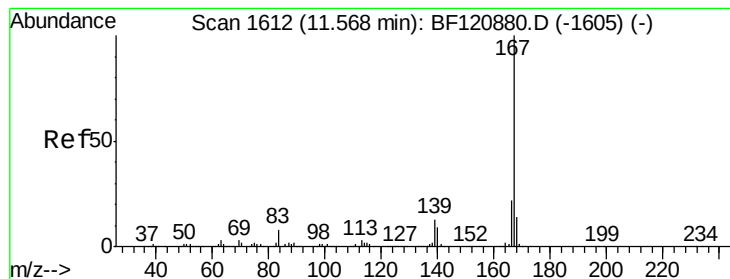
#72
 Anthracene
 Concen: 43.479 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF120918.D
 Acq: 17 Jul 2020 13:00

Tgt Ion:178 Resp: 1795817
 Ion Ratio Lower Upper
 178 100
 176 20.4 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: 41.358 ng

RT: 11.57 min Scan# 1613

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

ClientSampleId :

24MS

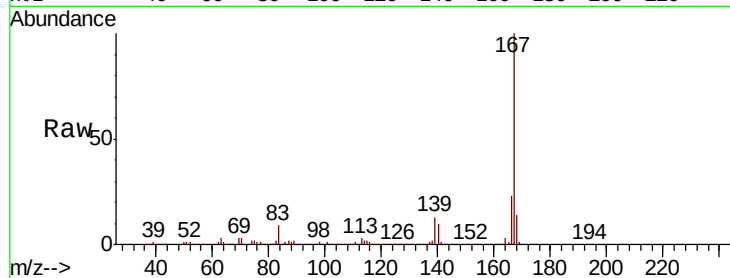
Tot Ion:167 Resp: 1695242

Ion Ratio Lower Upper

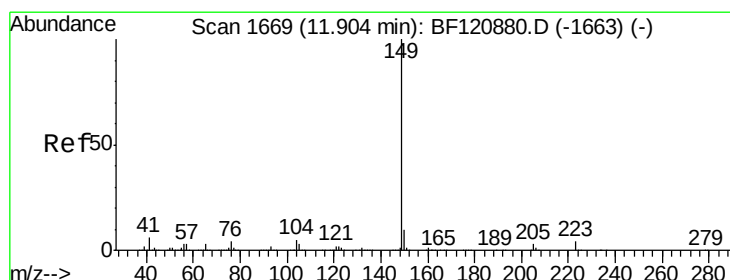
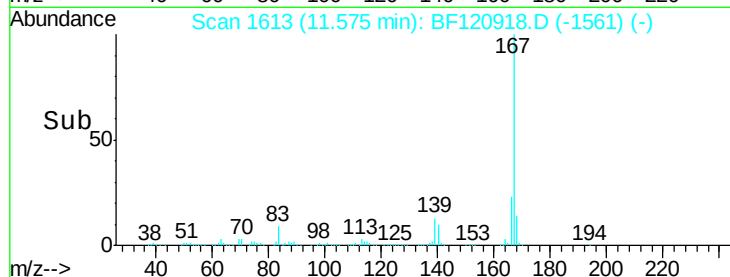
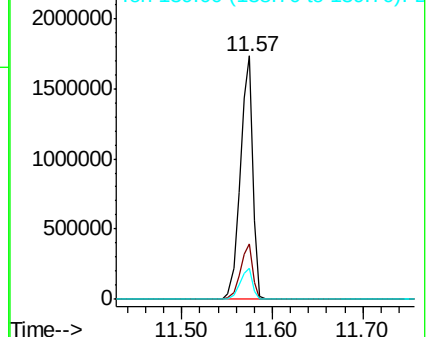
167 100

166 22.8 17.7 26.5

139 13.0 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.384 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

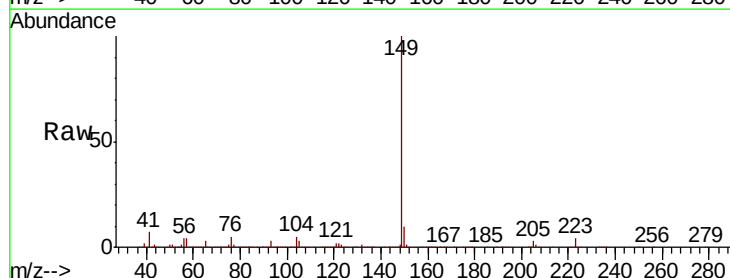
Tgt Ion:149 Resp: 2146746

Ion Ratio Lower Upper

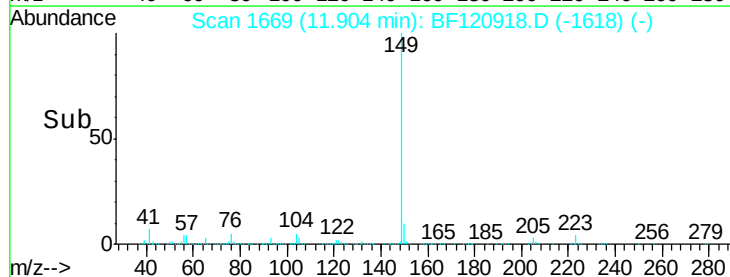
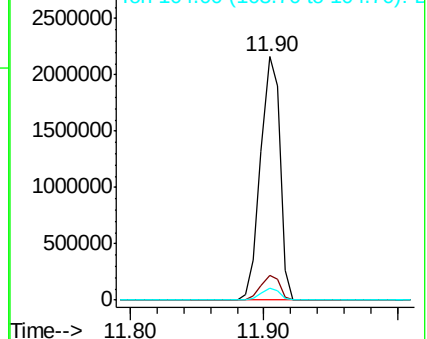
149 100

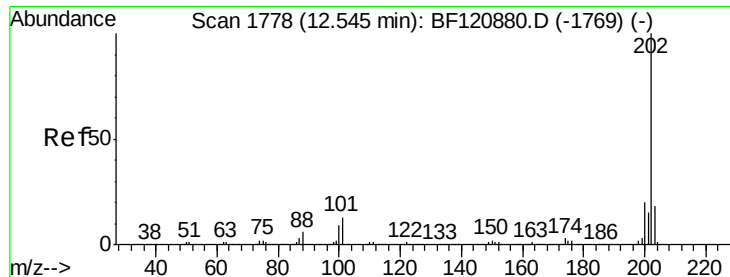
150 10.2 7.8 11.6

104 5.1 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.146 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

ClientSampleId :

24MS

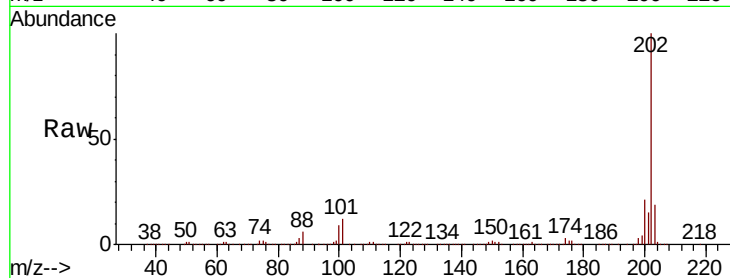
Tot Ion:202 Resp: 1830344

Ion Ratio Lower Upper

202 100

101 12.0 0.0 32.7

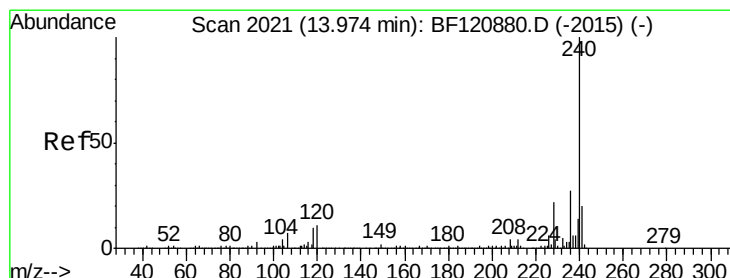
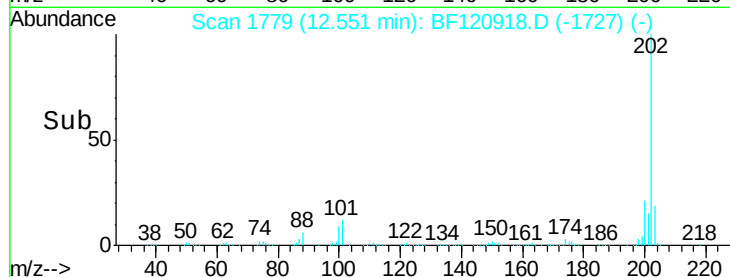
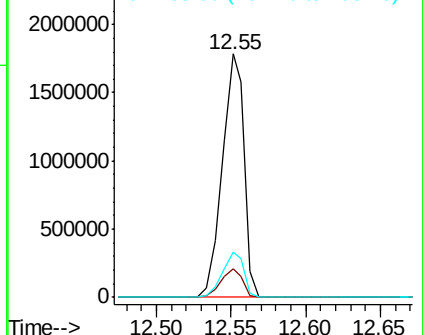
203 18.8 0.0 38.0



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: BF120918.D

Acq: 17 Jul 2020 13:00

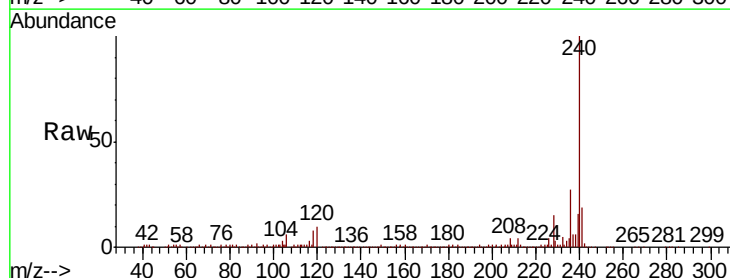
Tgt Ion:240 Resp: 461207

Ion Ratio Lower Upper

240 100

120 9.5 9.0 13.4

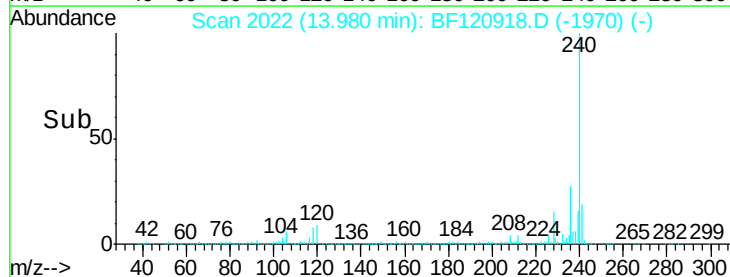
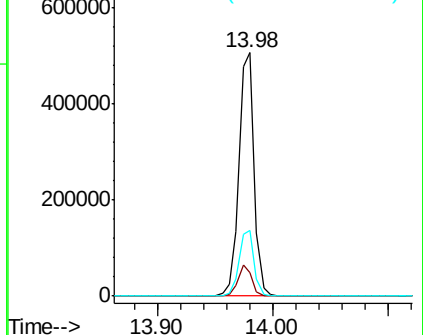
236 26.8 21.7 32.5

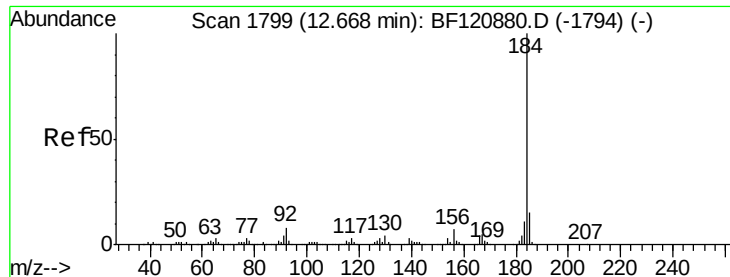


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 71.591 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

ClientSampleId :

24MS

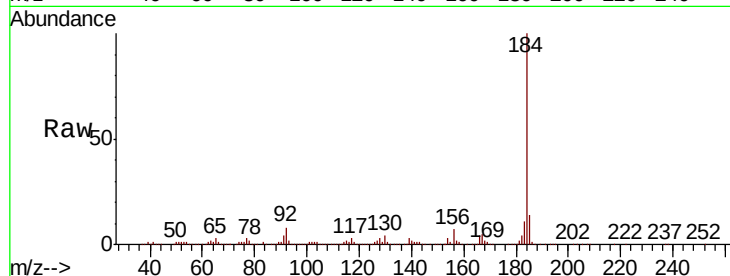
Tot Ion:184 Resp: 868107

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.2

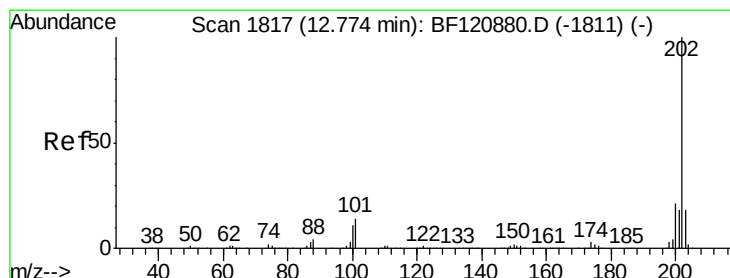
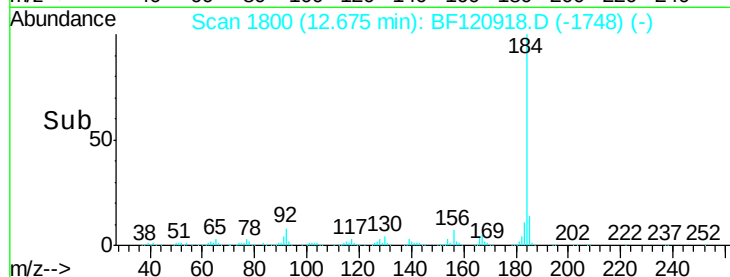
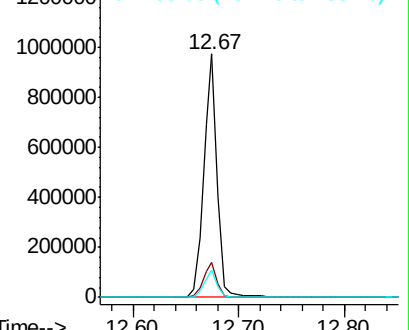
183 11.1 8.5 12.7



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: 56.124 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

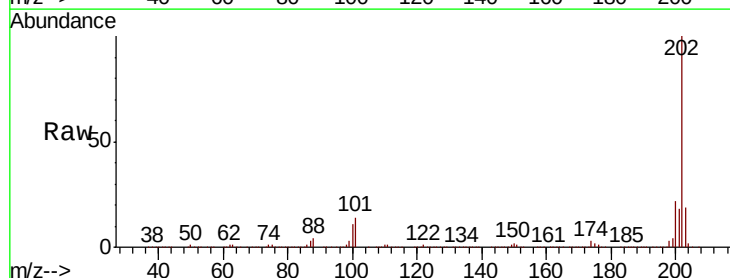
Tgt Ion:202 Resp: 1830067

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

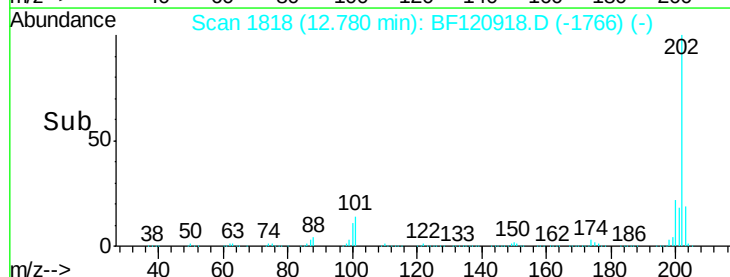
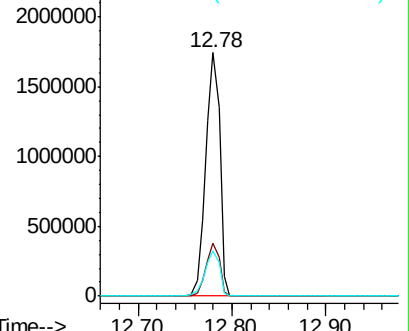
203 18.7 14.4 21.6

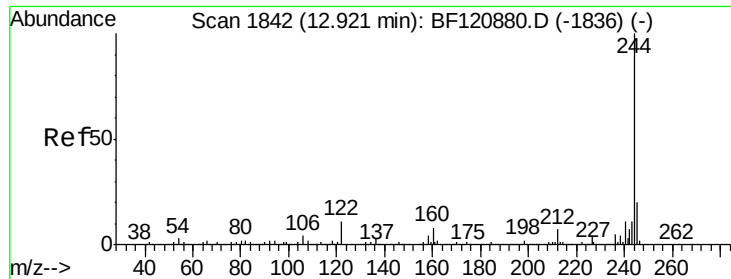


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.412 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

ClientSampleId :

24MS

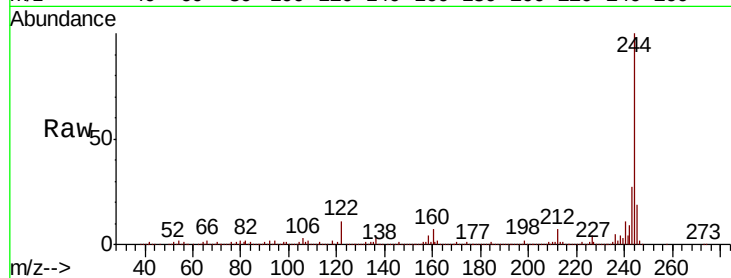
Tot Ion:244 Resp: 1578788

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

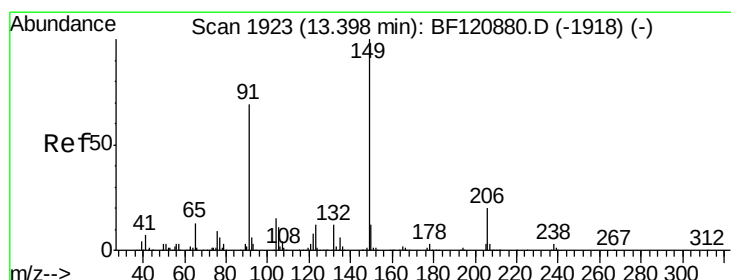
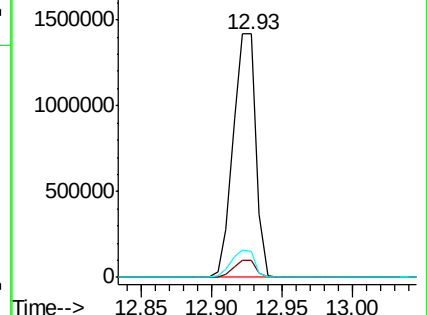
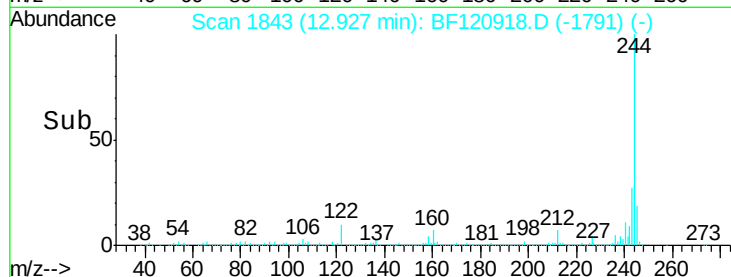
122 10.5 8.9 13.3



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: 58.941 ng

RT: 13.40 min Scan# 1924

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

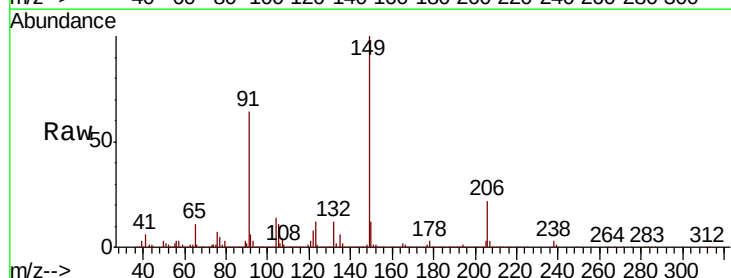
Tgt Ion:149 Resp: 856769

Ion Ratio Lower Upper

149 100

91 63.7 55.1 82.7

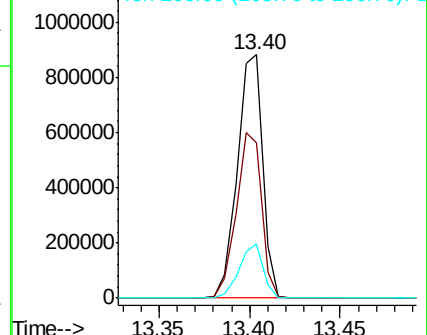
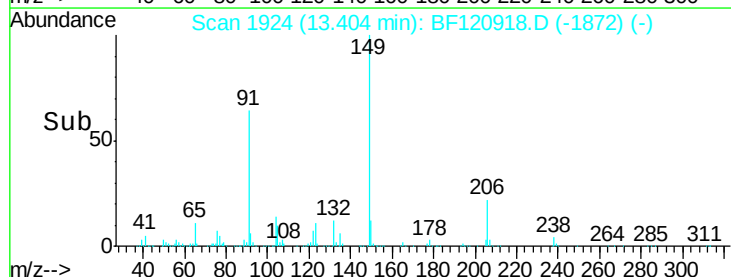
206 22.4 16.1 24.1

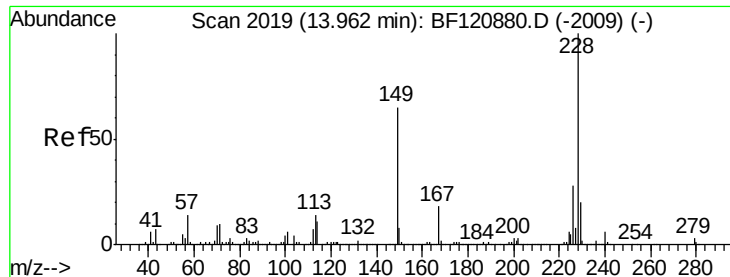


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.564 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

ClientSampleId :

24MS

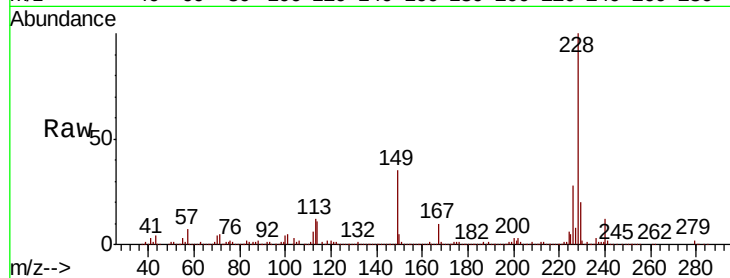
Tot Ion:228 Resp: 1216675

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

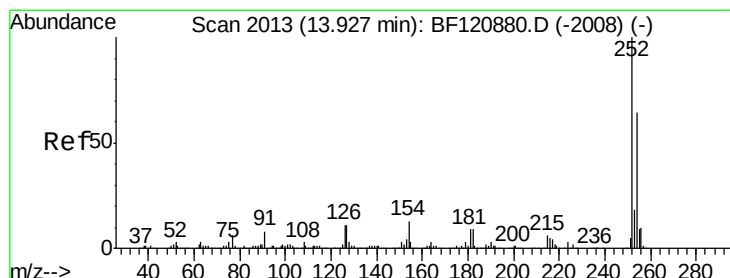
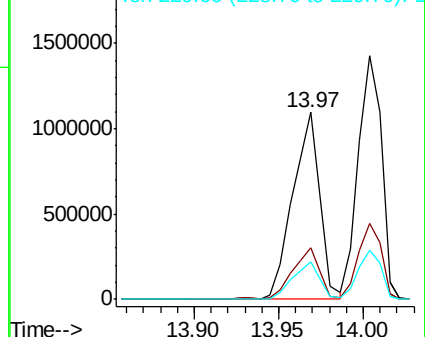
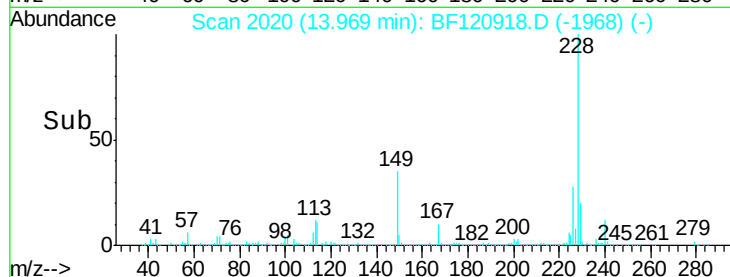
229 20.0 16.1 24.1



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: 38.451 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

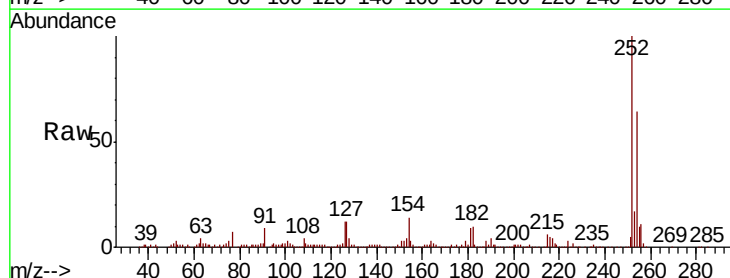
Tgt Ion:252 Resp: 405143

Ion Ratio Lower Upper

252 100

254 64.1 51.2 76.8

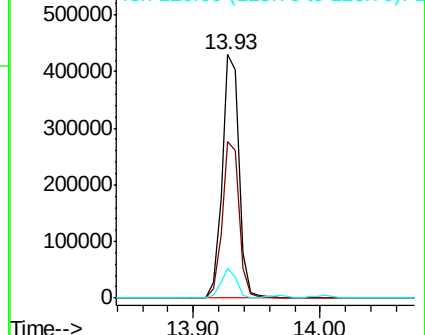
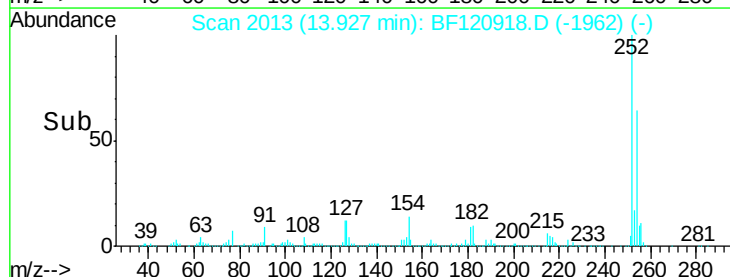
126 12.4 8.7 13.1

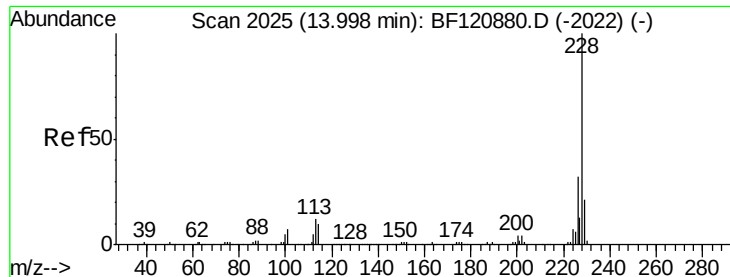


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.468 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

ClientSampleId :

24MS

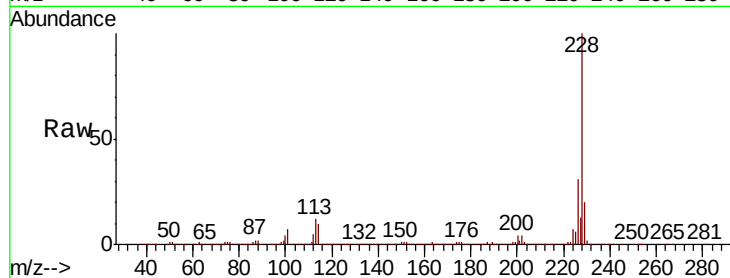
Tot Ion:228 Resp: 1363825

Ion Ratio Lower Upper

228 100

226 31.4 25.6 38.4

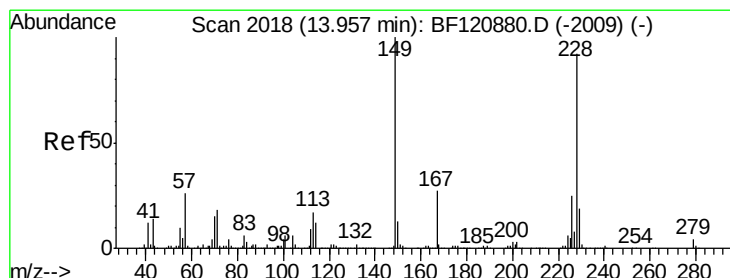
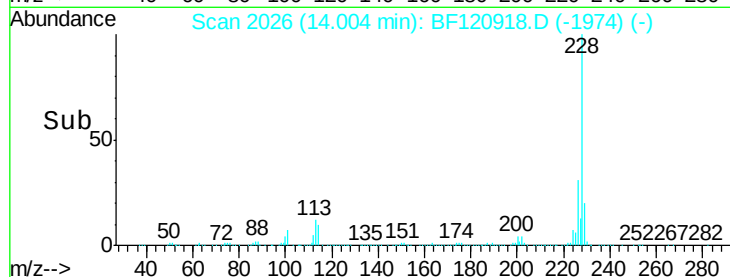
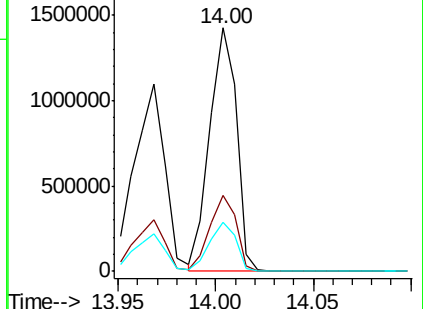
229 20.3 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.897 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

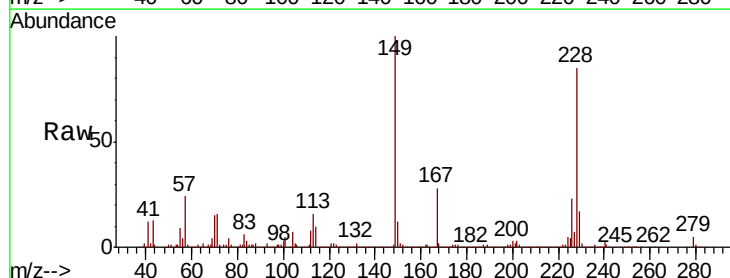
Tgt Ion:149 Resp: 983996

Ion Ratio Lower Upper

149 100

167 27.9 21.9 32.9

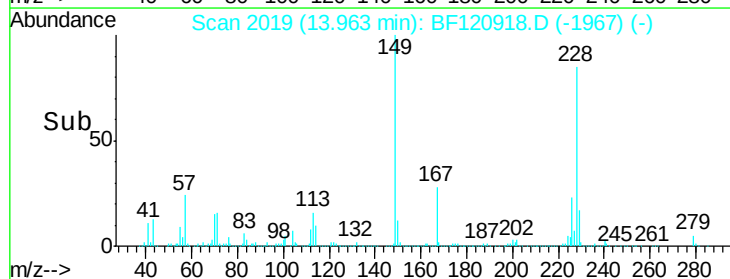
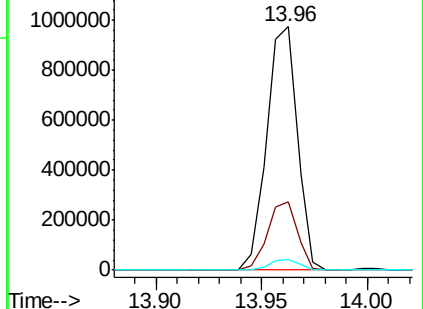
279 4.6 3.0 4.4#

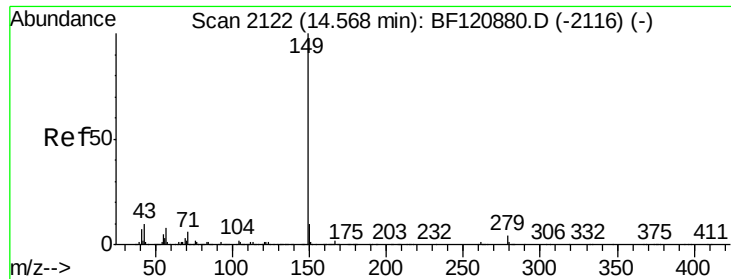


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

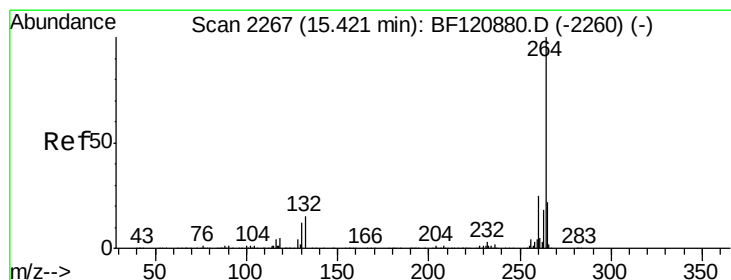
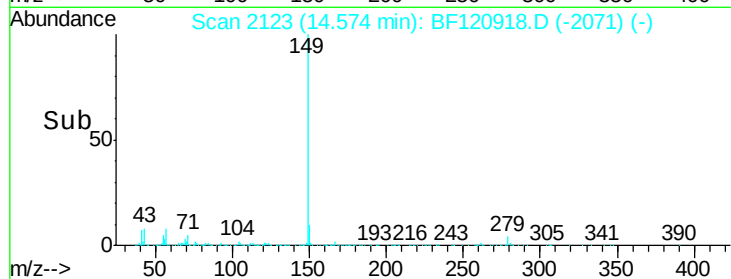
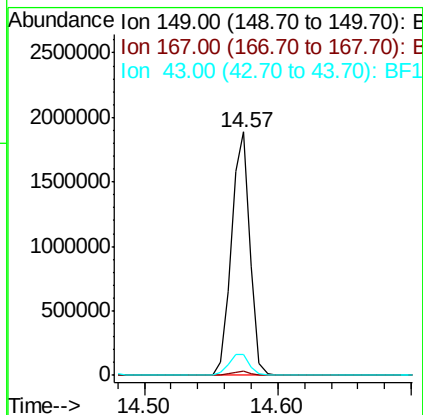
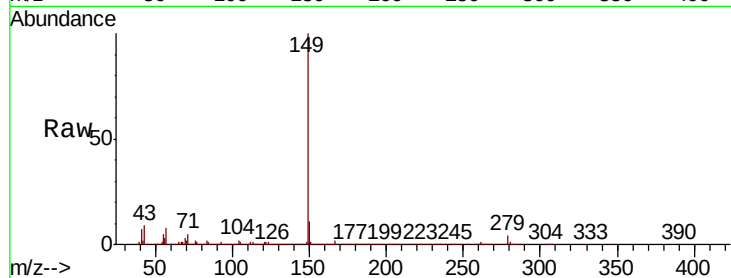




#85
Di-n-octyl phthalate
Concen: 51.202 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

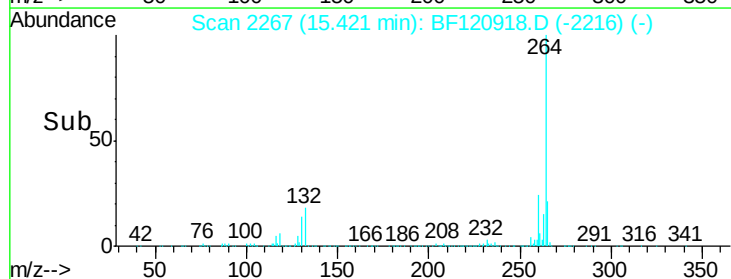
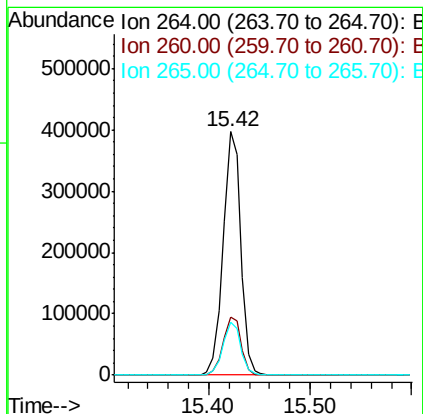
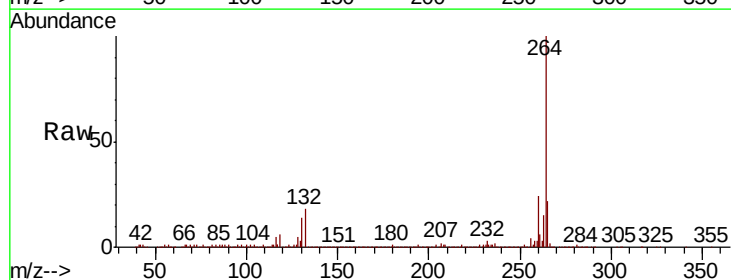
Instrument :
BNA_F
ClientSampleId :
24MS

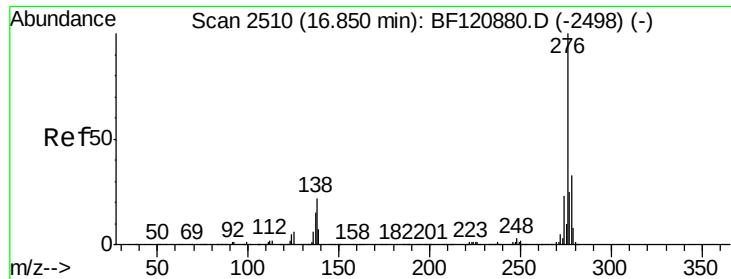
Tot Ion:149 Resp: 1825905
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.9 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion:264 Resp: 479366
Ion Ratio Lower Upper
264 100
260 24.1 20.0 30.0
265 21.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.603 ng

RT: 16.86 min Scan# 2512

Delta R.T. 0.01 min

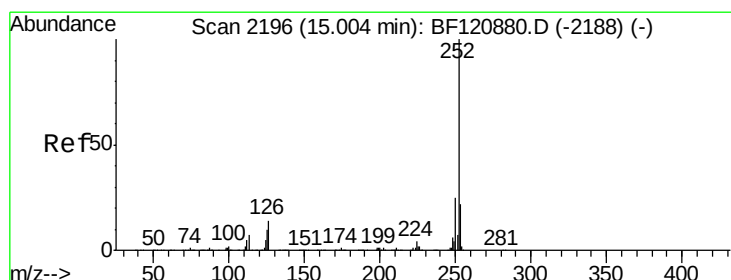
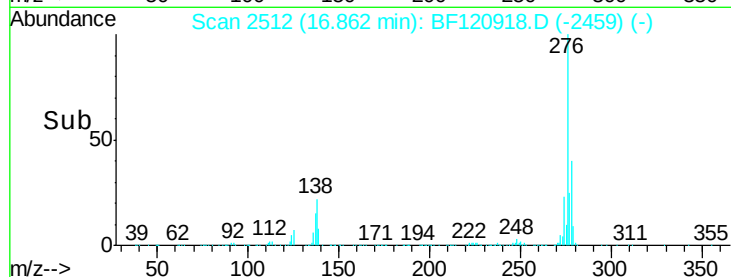
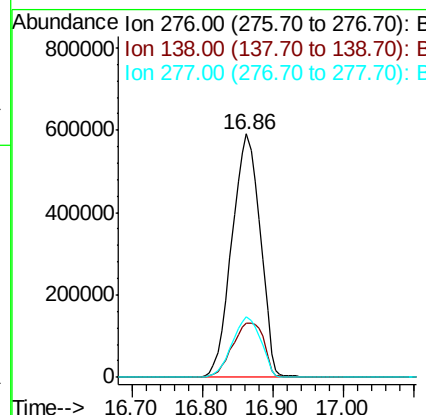
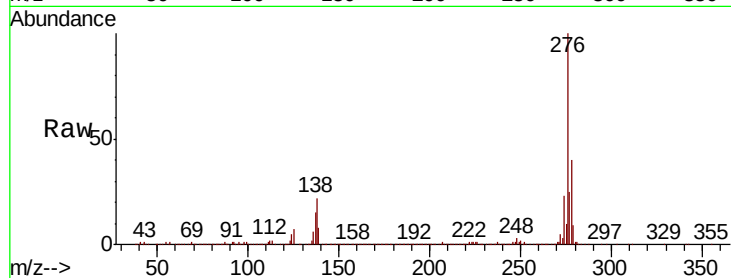
Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :
BNA_F
ClientSampleId :
24MS

Tot Ion:276 Resp: 1653658

Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.8	29.8
277	25.5	20.2	30.2



#88

Benzo(b)fluoranthene

Concen: 48.088 ng

RT: 15.01 min Scan# 2197

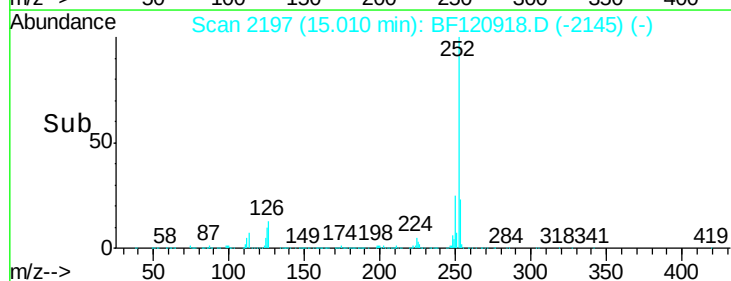
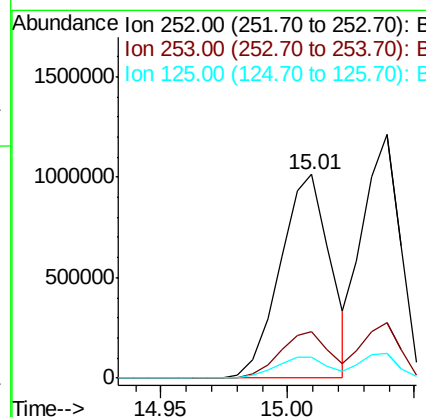
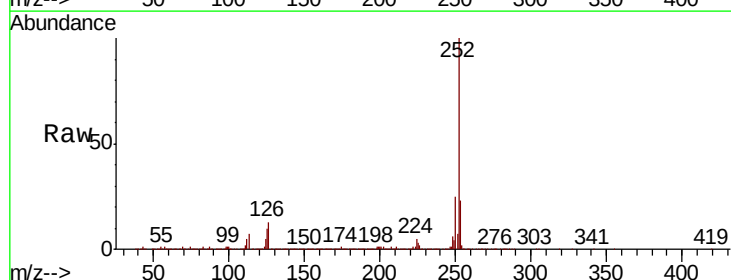
Delta R.T. 0.01 min

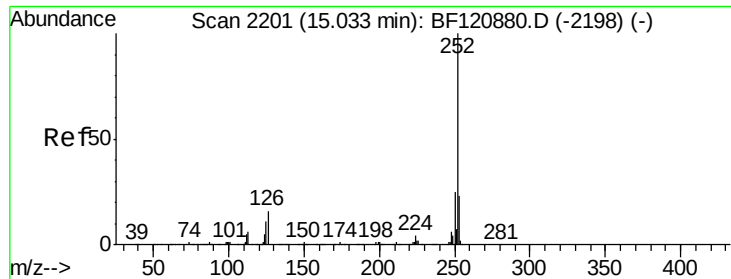
Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Tgt Ion:252 Resp: 1393402

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	10.3	8.3	12.5

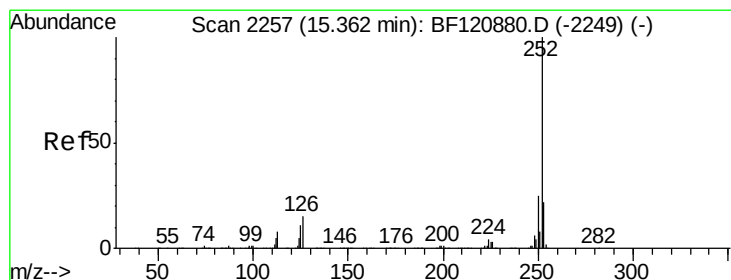
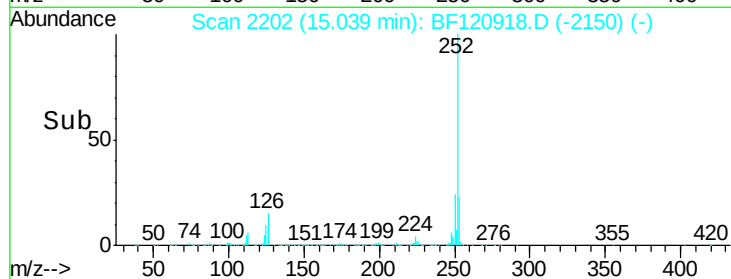
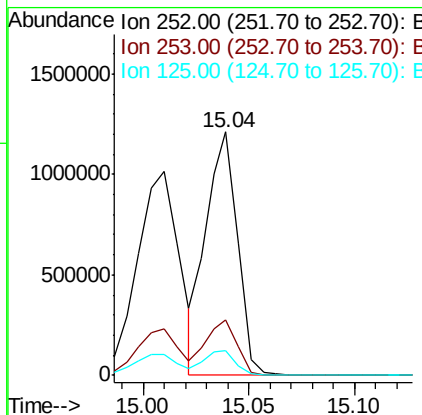
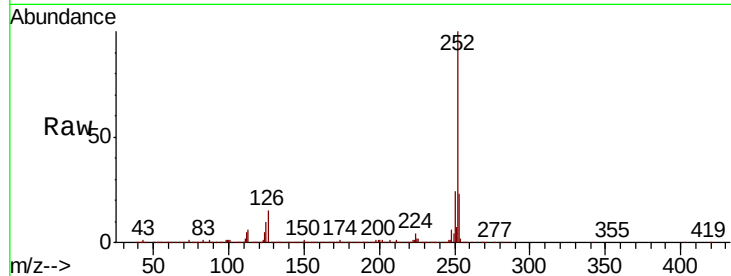




#89
Benzo(k)fluoranthene
Concen: 47.307 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

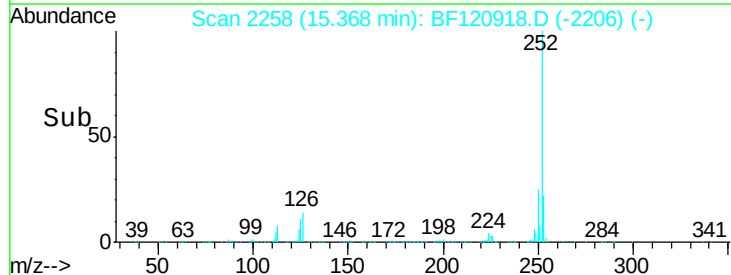
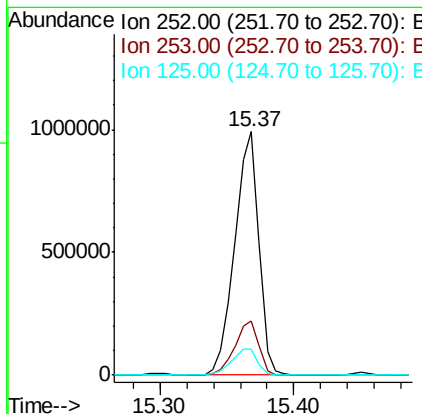
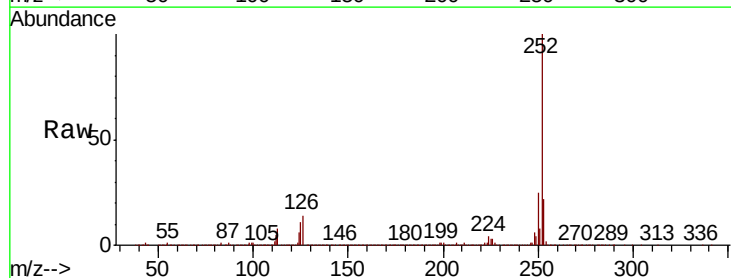
Instrument :
BNA_F
ClientSampleId :
24MS

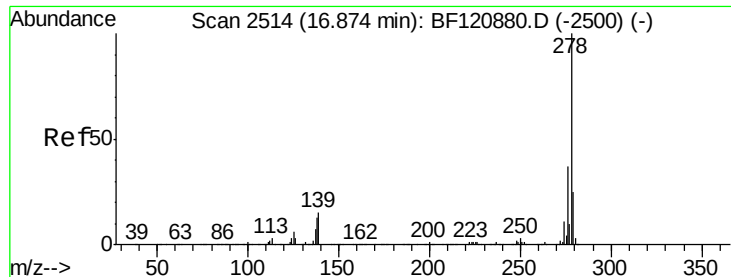
Tot Ion:252 Resp: 1250136
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 10.1 8.4 12.6



#90
Benzo(a)pyrene
Concen: 47.208 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF120918.D
Acq: 17 Jul 2020 13:00

Tgt Ion:252 Resp: 1248025
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.7 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 49.537 ng

RT: 16.89 min Scan# 2516

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

Instrument :

BNA_F

ClientSampleId :

24MS

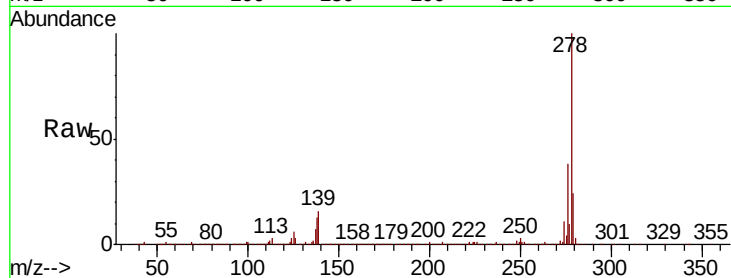
Tot Ion:278 Resp: 1349005

Ion Ratio Lower Upper

278 100

139 15.6 12.3 18.5

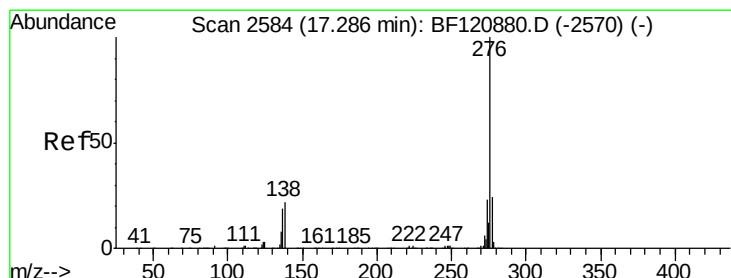
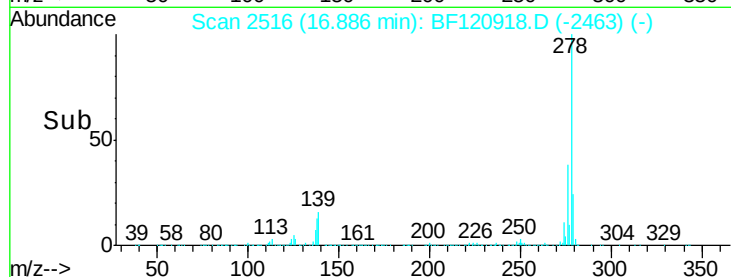
279 24.2 20.1 30.1



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: 50.925 ng

RT: 17.30 min Scan# 2586

Delta R.T. 0.01 min

Lab File: BF120918.D

Acq: 17 Jul 2020 13:00

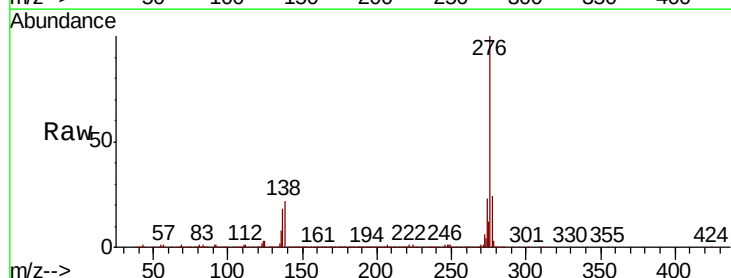
Tgt Ion:276 Resp: 1367380

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 21.9 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

