

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
 Data File : BF120952.D
 Acq On : 21 Jul 2020 13:17
 Operator : JU/CG
 Sample : PB130338BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130338BS

Quant Time: Jul 21 15:29:21 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	198509	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	784268	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	411435	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	764786	20.00	ng	0.00
76) Chrysene-d12	13.98	240	570862	20.00	ng	0.00
86) Perylene-d12	15.42	264	568765	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1326589	109.55	ng	0.02
7) Phenol-d6	6.46	99	1642926	105.04	ng	0.01
23) Nitrobenzene-d5	7.38	82	1054889	77.83	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	483925	107.45	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1851445	67.19	ng	0.00
79) Terphenyl-d14	12.92	244	1746250	66.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	189495	34.003	ng	100
3) Pyridine	3.37	79	464733	31.348	ng	100
4) n-Nitrosodimethylamine	3.32	42	254419	40.133	ng	94
6) Aniline	6.48	93	708320	34.691	ng	98
8) 2-Chlorophenol	6.60	128	573574	42.998	ng	97
9) Benzaldehyde	6.36	77	421785	66.136	ng	99
10) Phenol	6.47	94	671527	39.028	ng	88
11) bis(2-Chloroethyl)ether	6.55	93	533541	40.461	ng	99
12) 1,3-Dichlorobenzene	6.76	146	566751	39.181	ng	99
13) 1,4-Dichlorobenzene	6.83	146	571318	39.721	ng	99
14) 1,2-Dichlorobenzene	6.99	146	550993	40.493	ng	100
15) Benzyl Alcohol	6.96	79	454173	41.058	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	742781	39.080	ng	99
17) 2-Methylphenol	7.07	107	452615	38.282	ng	99
18) Hexachloroethane	7.33	117	213835	41.075	ng	97
19) n-Nitroso-di-n-propylamine	7.24	70	353452	39.739	ng	97
20) 3+4-Methylphenols	7.23	107	502833	33.432	ng	93
22) Acetophenone	7.23	105	698249	39.670	ng	# 92
24) Nitrobenzene	7.40	77	562118	38.479	ng	99
25) Isophorone	7.64	82	1053814	38.957	ng	98
26) 2-Nitrophenol	7.72	139	300082	43.252	ng	99
27) 2,4-Dimethylphenol	7.76	122	491985	43.675	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	669501	40.546	ng	99
29) 2,4-Dichlorophenol	7.96	162	471241	40.939	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	505830	39.608	ng	99
31) Naphthalene	8.12	128	1549914	38.527	ng	99
32) Benzoic acid	7.89	122	341877	40.430	ng	97
33) 4-Chloroaniline	8.17	127	502961	28.026	ng	99
34) Hexachlorobutadiene	8.24	225	288688	38.346	ng	100
35) Caprolactam	8.55	113	112760	30.547	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	482718	40.890	ng	98
37) 2-Methylnaphthalene	8.82	142	1050130	40.202	ng	99
38) 1-Methylnaphthalene	8.92	142	1001930	40.500	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	458944	38.285	ng	99

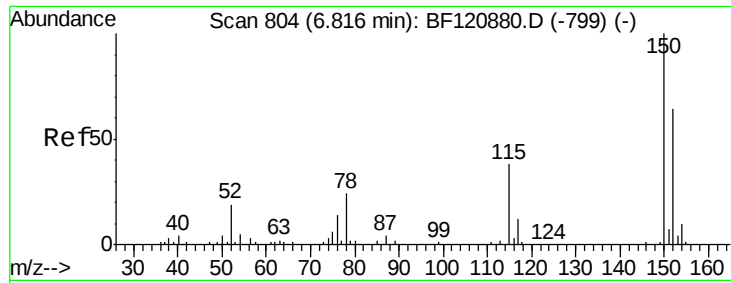
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
 Data File : BF120952.D
 Acq On : 21 Jul 2020 13:17
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 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	539700	81.461	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	355484	42.118	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	353728	36.947	ng	100
46) 1,1'-Biphenyl	9.28	154	1244975	39.669	ng	98
47) 2-Chloronaphthalene	9.30	162	961147	37.563	ng	98
48) 2-Nitroaniline	9.40	65	308186	39.855	ng	98
49) Acenaphthylene	9.72	152	1565906	39.393	ng	100
50) Dimethylphthalate	9.58	163	1155368	38.924	ng	98
51) 2,6-Dinitrotoluene	9.64	165	260719	40.884	ng	97
52) Acenaphthene	9.89	154	918708	36.352	ng	100
53) 3-Nitroaniline	9.81	138	204851	25.613	ng	96
54) 2,4-Dinitrophenol	9.92	184	259478	71.486	ng	89
55) Dibenzofuran	10.06	168	1379618	37.750	ng	99
56) 4-Nitrophenol	9.98	139	467001	76.867	ng	92
57) 2,4-Dinitrotoluene	10.05	165	344004	41.078	ng	95
58) Fluorene	10.40	166	988648	36.271	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	308601	42.335	ng	97
60) Diethylphthalate	10.28	149	1159492	38.620	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	487825	33.554	ng	100
62) 4-Nitroaniline	10.43	138	282397	36.248	ng	98
63) Azobenzene	10.56	77	1086491	38.013	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	172209	39.634	ng	94
66) n-Nitrosodiphenylamine	10.52	169	976402	40.584	ng	100
67) 4-Bromophenyl-phenylether	10.89	248	328607	38.538	ng	92
68) Hexachlorobenzene	10.95	284	369756	40.087	ng	# 92
69) Atrazine	11.05	200	273550	45.911	ng	99
70) Pentachlorophenol	11.15	266	424786	80.389	ng	99
71) Phenanthrene	11.36	178	1510876	38.412	ng	100
72) Anthracene	11.42	178	1559770	39.492	ng	99
73) Carbazole	11.57	167	1464162	37.355	ng	99
74) Di-n-butylphthalate	11.90	149	1739782	38.463	ng	100
75) Fluoranthene	12.55	202	1623351	37.235	ng	98
77) Benzidine	12.67	184	1091721	72.738	ng	99
78) Pyrene	12.78	202	1695963	42.021	ng	100
80) Butylbenzylphthalate	13.40	149	763808	42.453	ng	98
81) Benzo(a)anthracene	13.97	228	1350669	39.072	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	472156	36.203	ng	99
83) Chrysene	14.00	228	1423527	39.186	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	888433	40.044	ng	100
85) Di-n-octyl phthalate	14.57	149	1755582	39.773	ng	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1481302	37.449	ng	99
88) Benzo(b)fluoranthene	15.00	252	1504484	43.761	ng	99
89) Benzo(k)fluoranthene	15.04	252	1294429	41.284	ng	99
90) Benzo(a)pyrene	15.36	252	1283327	40.913	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	1240301	38.386	ng	99
92) Benzo(g,h,i)perylene	17.29	276	1229775	38.601	ng	99

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

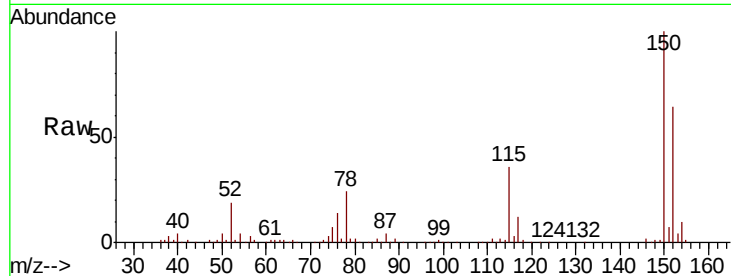


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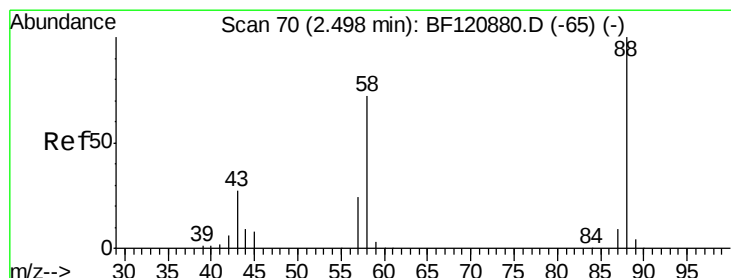
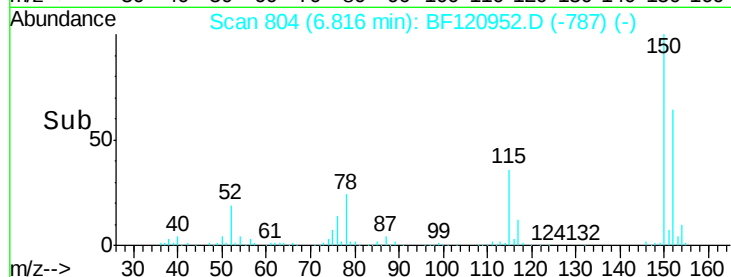
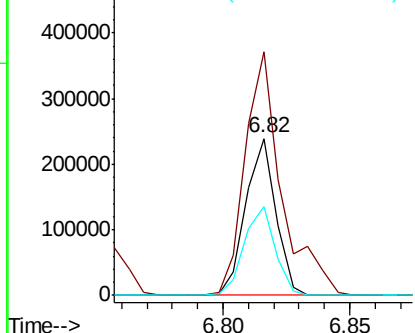
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Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

Instrument :
BNA_F
ClientSampleId :
PB130338BS

Tot Ion:152 Resp: 198509
Ion Ratio Lower Upper
152 100
150 155.1 125.0 187.6
115 56.5 47.0 70.4



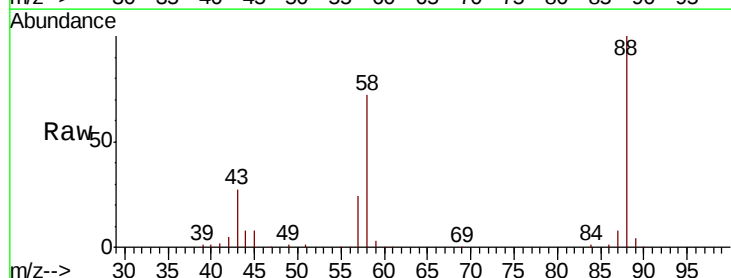
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



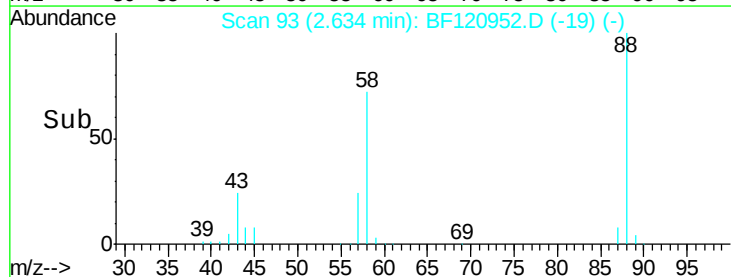
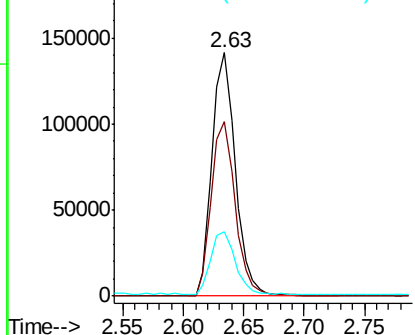
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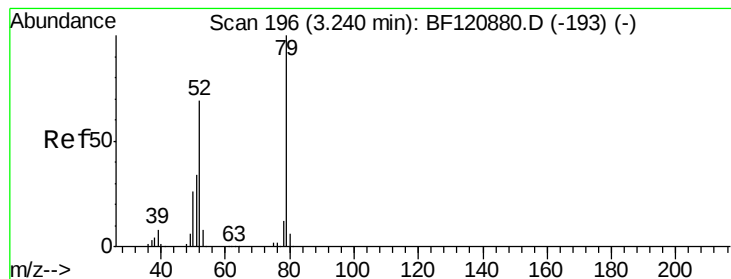
1,4-Dioxane
Concen: 34.003 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.14 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

Tgt Ion: 88 Resp: 189495
Ion Ratio Lower Upper
88 100
58 72.6 58.2 87.2
43 27.1 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: 31.348 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.13 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

Instrument :

BNA_F

ClientSampleId :

PB130338BS

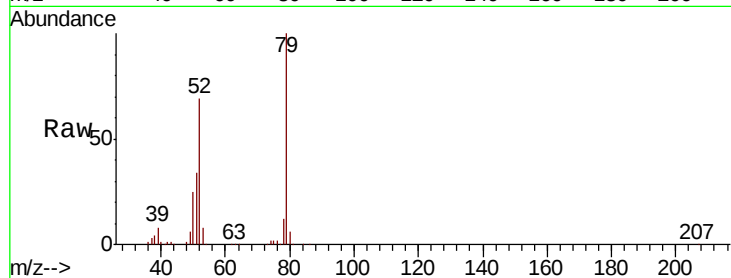
Tot Ion: 79 Resp: 464733

Ion Ratio Lower Upper

79 100

52 68.8 55.0 82.6

51 33.7 26.9 40.3



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

3.37

200000

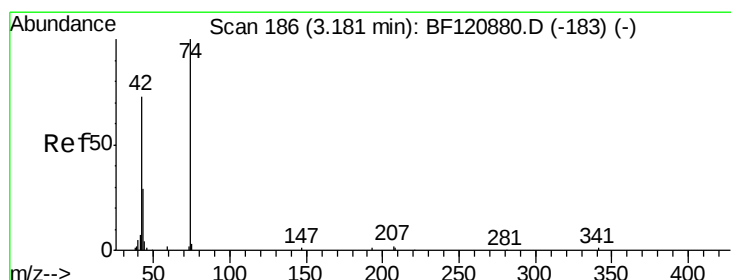
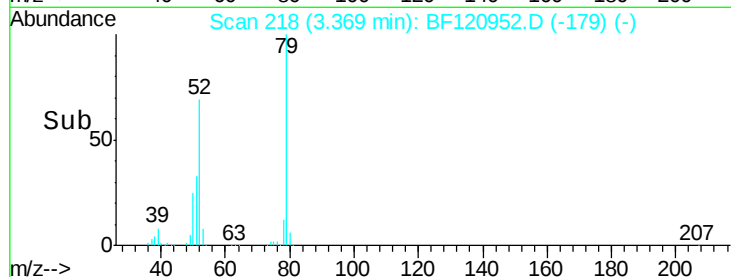
150000

100000

50000

0

Time-->



#4

n-Nitrosodimethylamine

Concen: 40.133 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.14 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

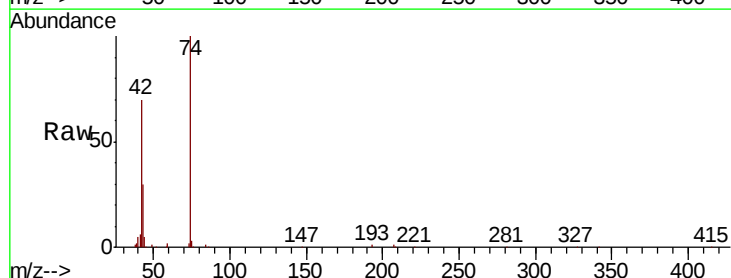
Tgt Ion: 42 Resp: 254419

Ion Ratio Lower Upper

42 100

74 143.3 108.7 163.1

44 6.5 5.2 7.8



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

200000

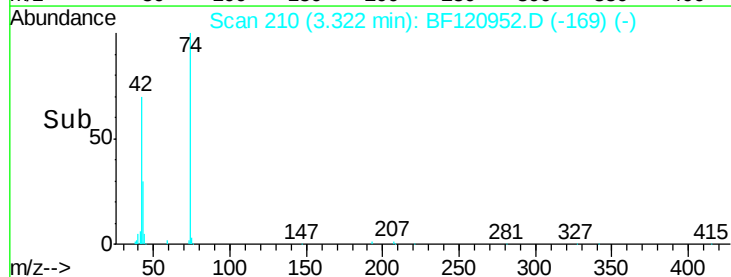
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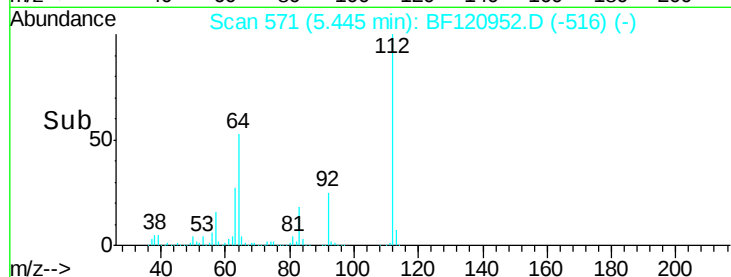
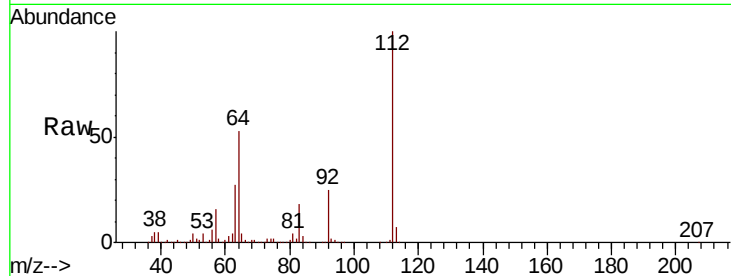
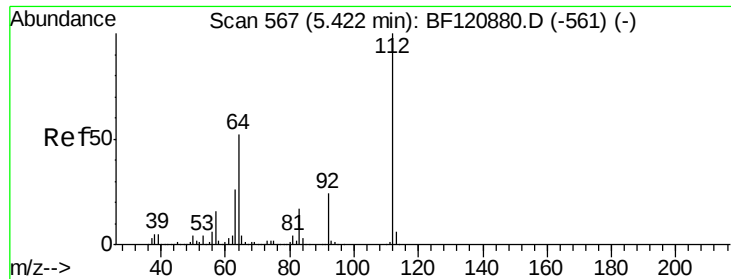
100000

50000

0

Time-->





#5

2-Fluorophenol

Concen: 109.554 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.02 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

Instrument :

BNA_F

ClientSampleId :

PB130338BS

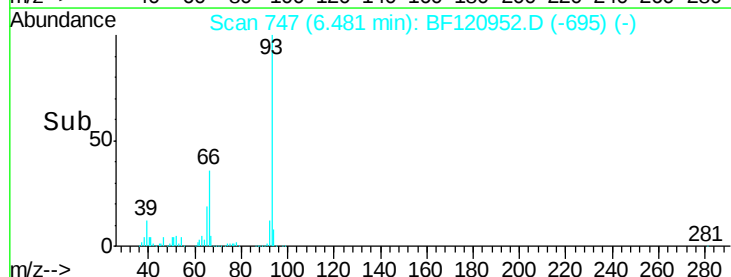
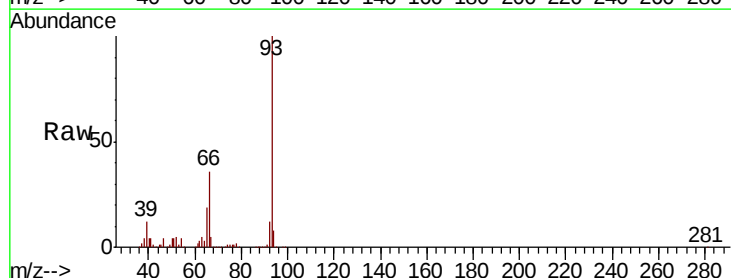
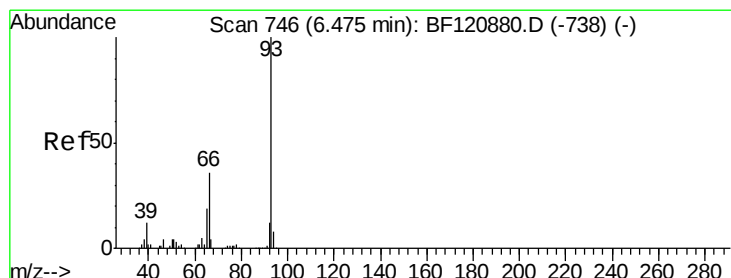
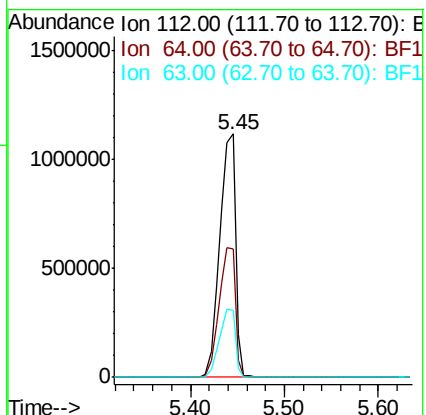
Tot Ion:112 Resp: 1326589

Ion Ratio Lower Upper

112 100

64 52.6 41.3 61.9

63 27.4 21.1 31.7



#6

Aniline

Concen: 34.691 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

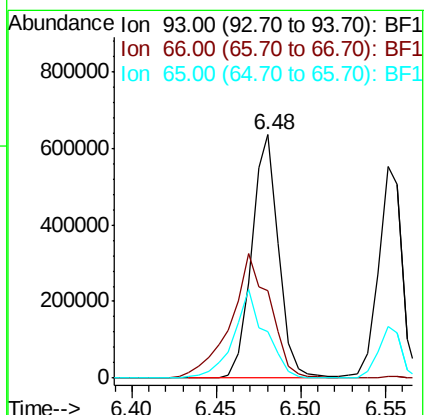
Tgt Ion: 93 Resp: 708320

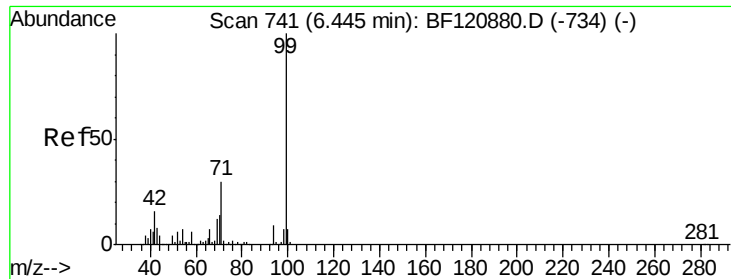
Ion Ratio Lower Upper

93 100

66 36.2 30.2 45.4

65 19.3 15.8 23.6





#7

Phenol-d6

Concen: 105.035 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

Instrument :

BNA_F

ClientSampleId :

PB130338BS

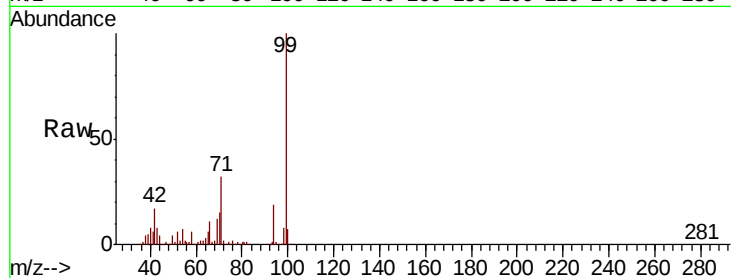
Tot Ion: 99 Resp: 1642926

Ion Ratio Lower Upper

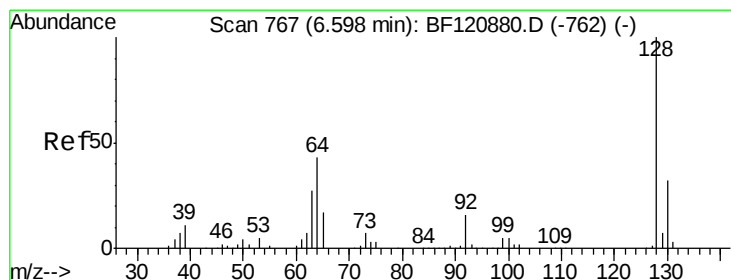
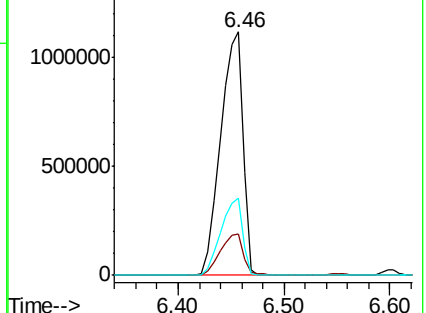
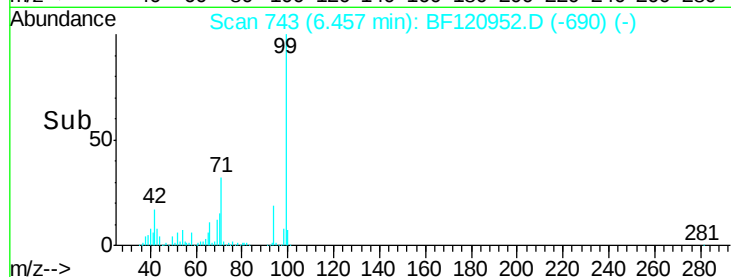
99 100

42 16.8 13.1 19.7

71 31.7 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000 Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.998 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

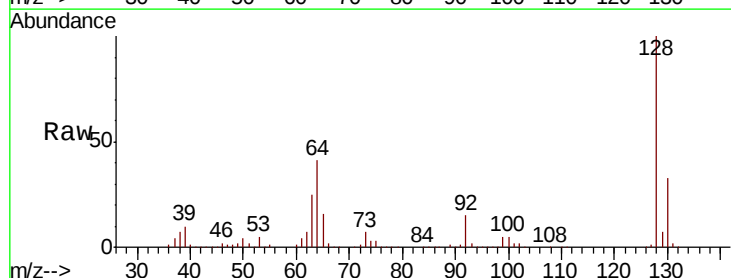
Tgt Ion: 128 Resp: 573574

Ion Ratio Lower Upper

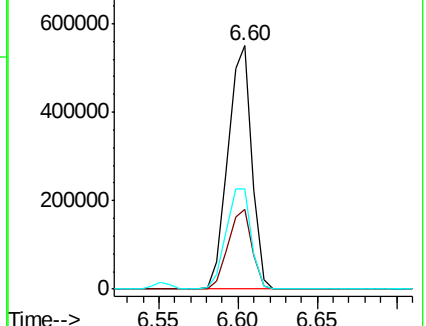
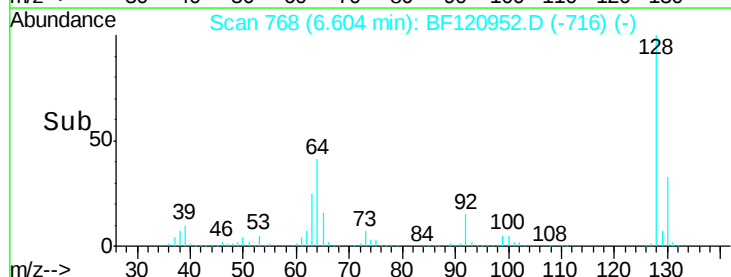
128 100

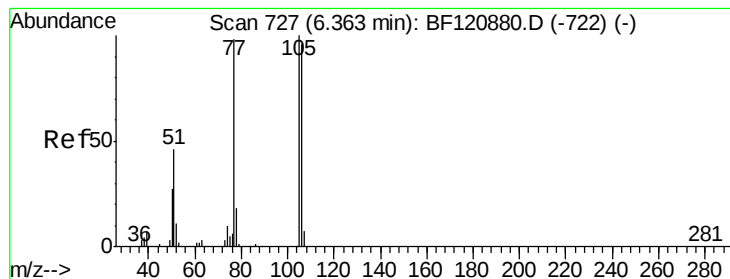
130 32.8 12.1 52.1

64 41.2 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: 66.136 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

Instrument :

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PB130338BS

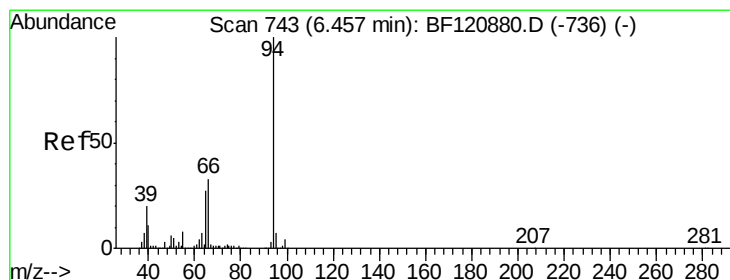
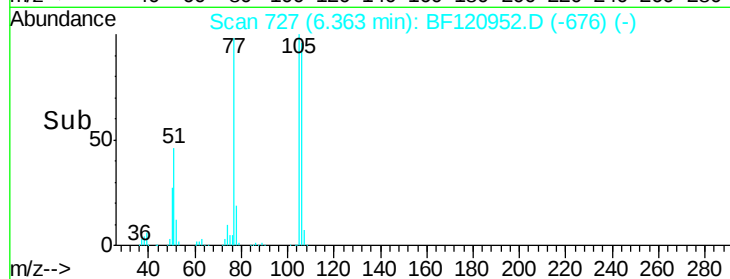
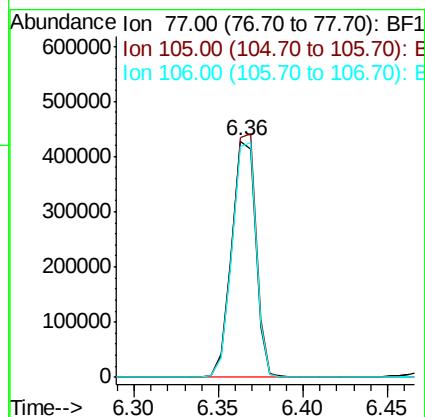
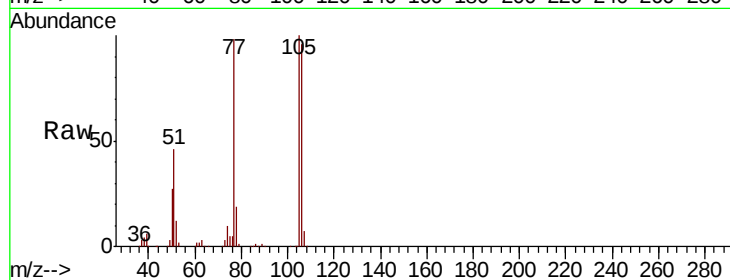
Tot Ion: 77 Resp: 421785

Ion Ratio Lower Upper

77 100

105 101.7 82.5 122.5

106 97.7 78.7 118.7



#10

Phenol

Concen: 39.028 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

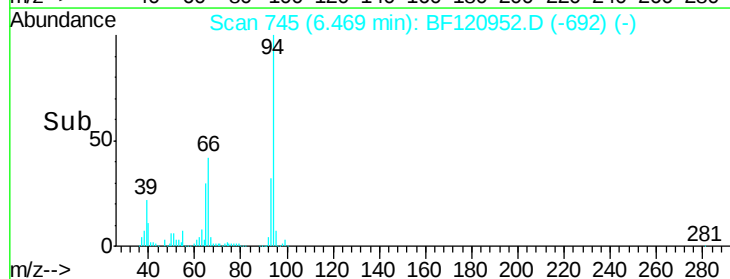
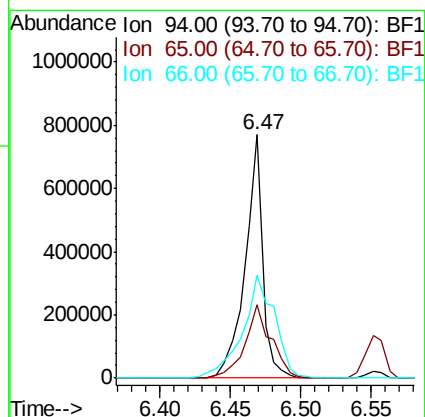
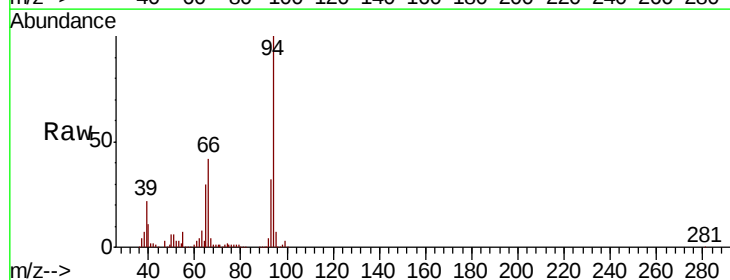
Tgt Ion: 94 Resp: 671527

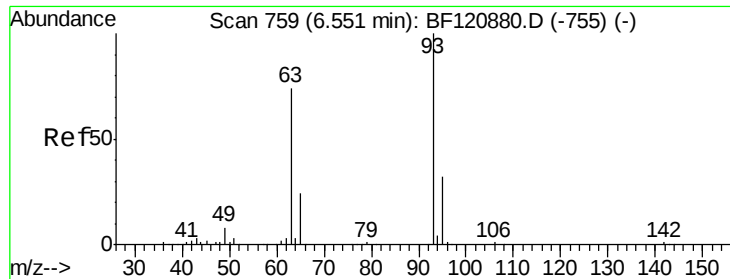
Ion Ratio Lower Upper

94 100

65 30.3 6.6 46.6

66 42.2 13.2 53.2

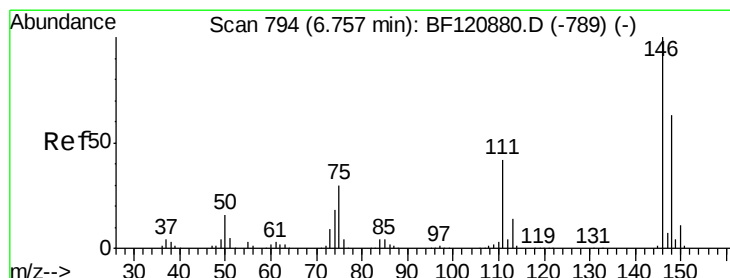
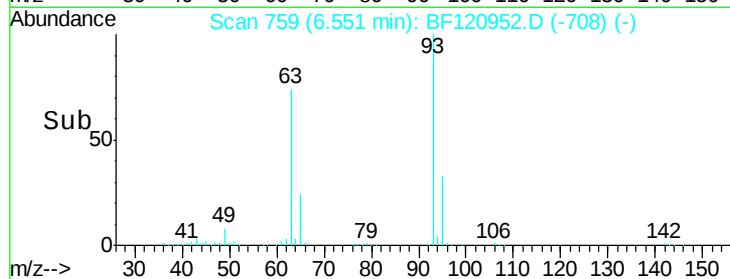
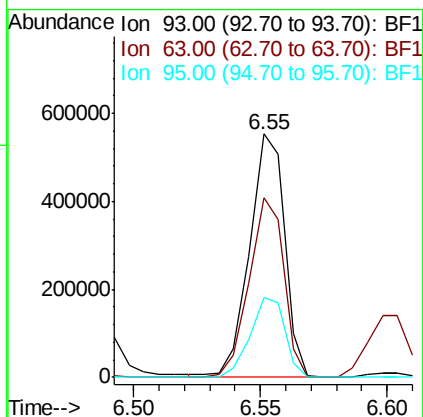
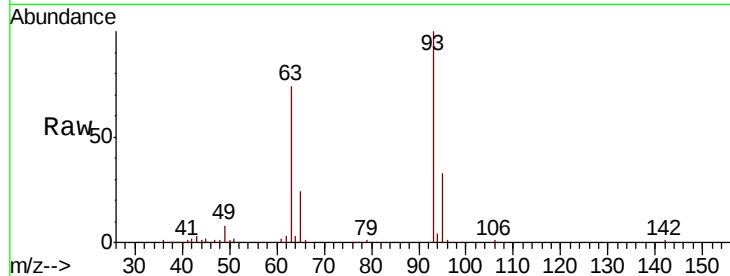




#11
bis(2-Chloroethyl)ether
Concen: 40.461 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

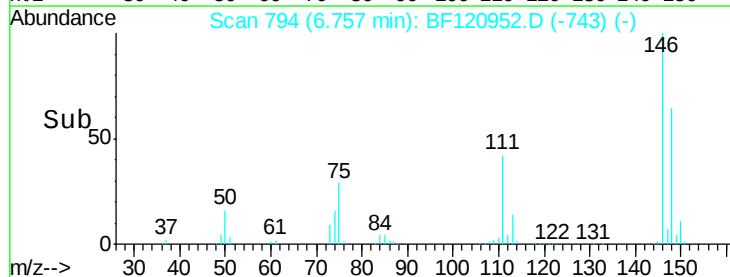
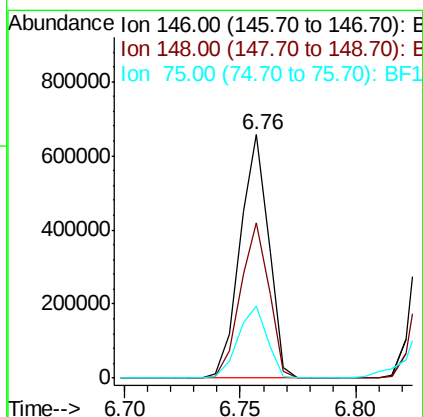
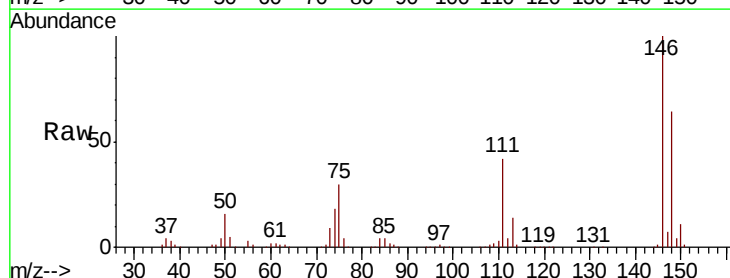
Instrument :
BNA_F
ClientSampleId :
PB130338BS

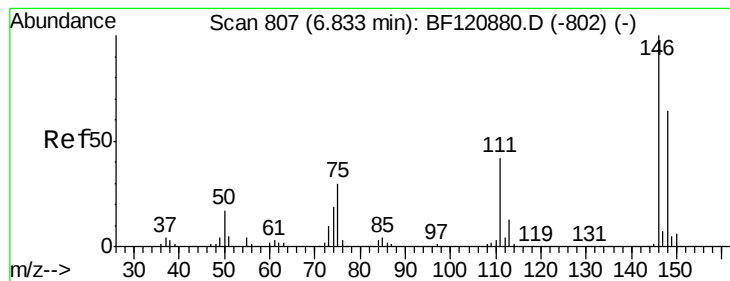
Tot Ion: 93 Resp: 533541
Ion Ratio Lower Upper
93 100
63 73.9 54.2 94.2
95 32.9 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 39.181 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

Tgt Ion: 146 Resp: 566751
Ion Ratio Lower Upper
146 100
148 63.6 50.6 75.8
75 29.8 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 39.721 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

Instrument :

BNA_F

ClientSampleId :

PB130338BS

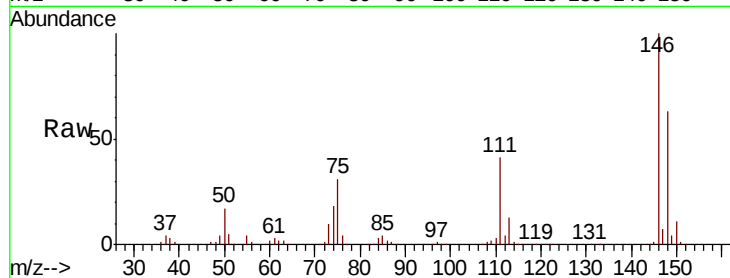
Tot Ion:146 Resp: 571318

Ion Ratio Lower Upper

146 100

148 63.2 51.6 77.4

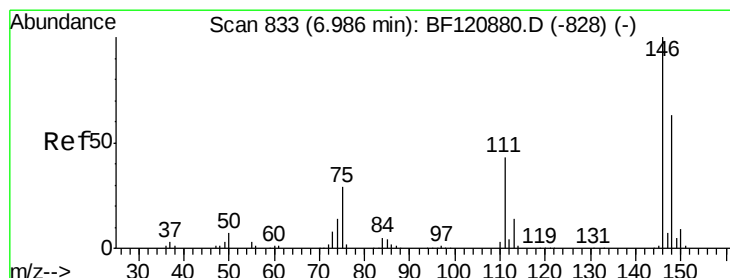
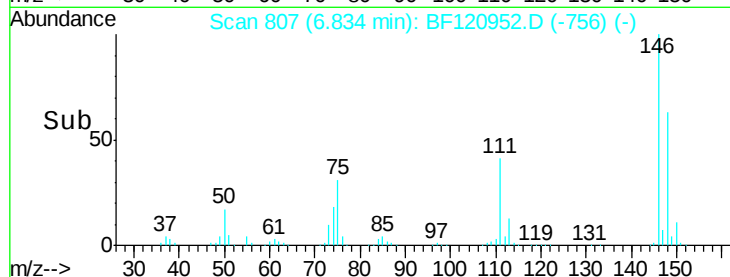
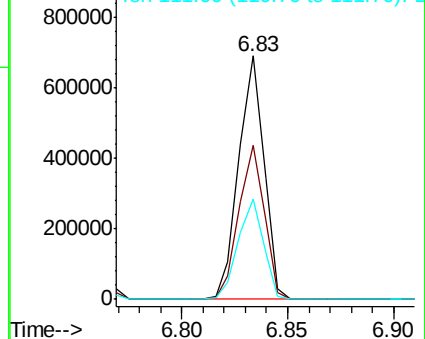
111 41.4 33.5 50.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.493 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

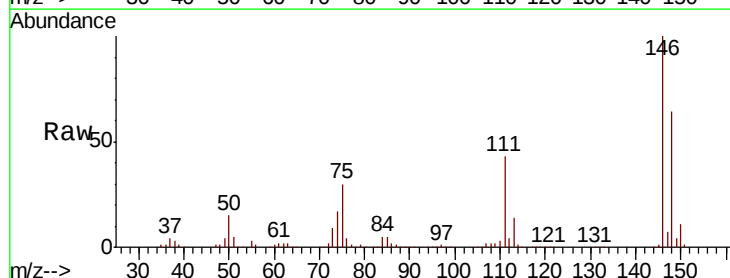
Tgt Ion:146 Resp: 550993

Ion Ratio Lower Upper

146 100

148 63.8 50.6 76.0

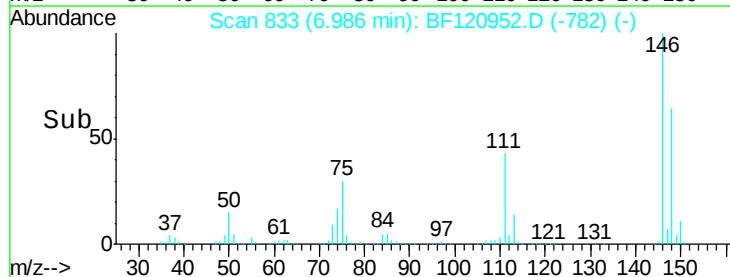
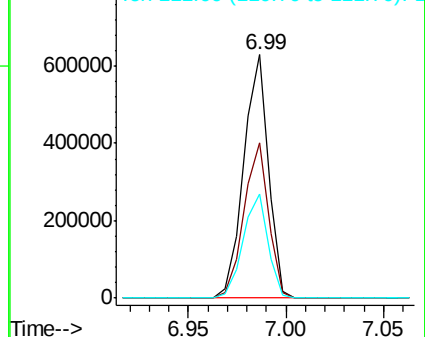
111 42.7 34.2 51.2

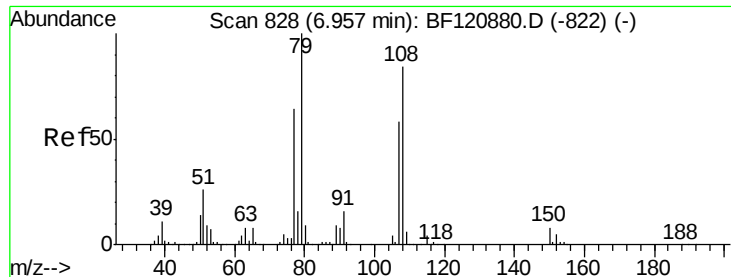


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.058 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

Instrument :

BNA_F

ClientSampleId :

PB130338BS

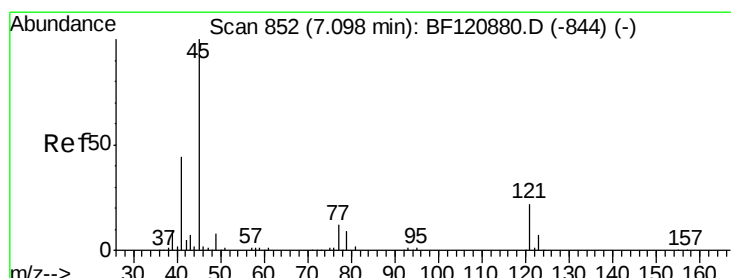
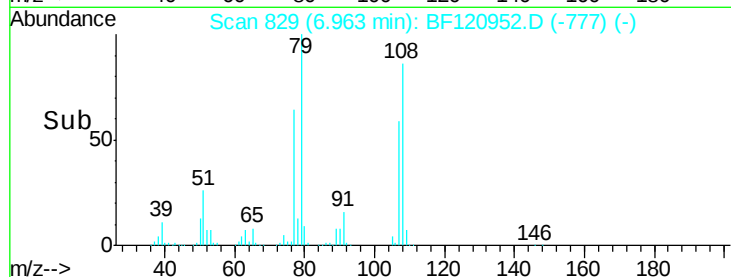
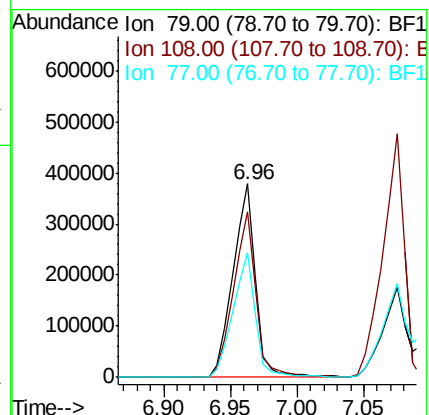
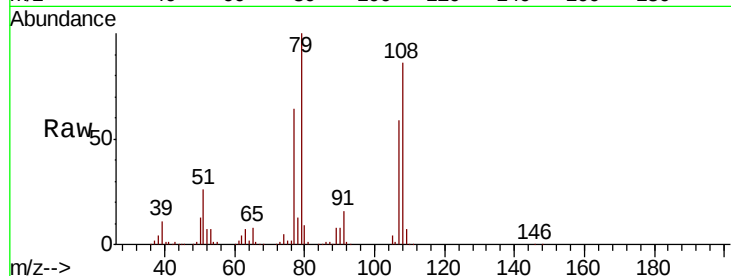
Tot Ion: 79 Resp: 454173

Ion Ratio Lower Upper

79 100

108 85.7 67.0 100.6

77 64.3 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.080 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

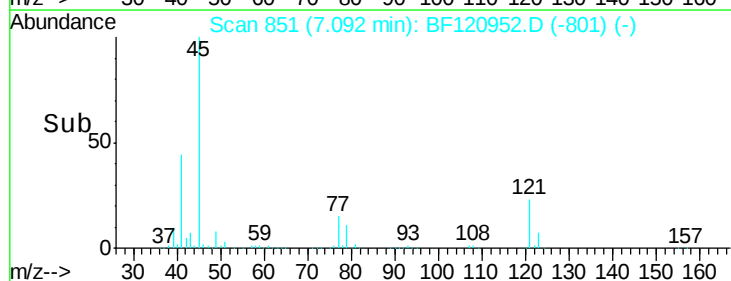
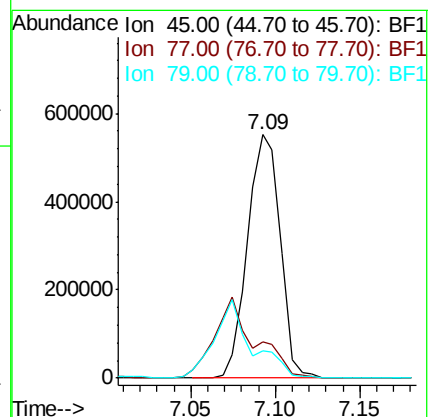
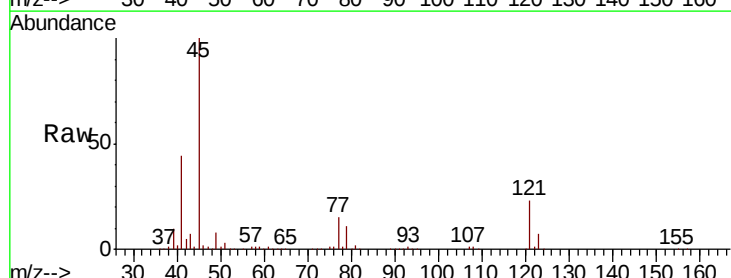
Tgt Ion: 45 Resp: 742781

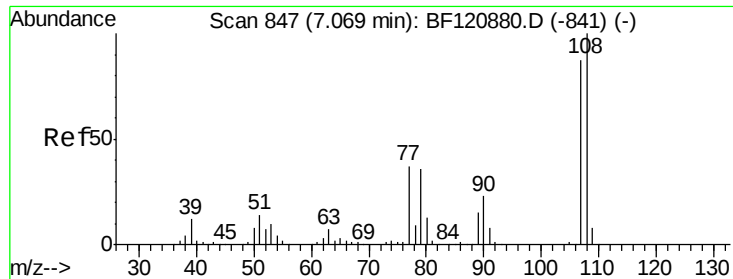
Ion Ratio Lower Upper

45 100

77 14.8 0.0 34.3

79 11.2 0.0 31.0

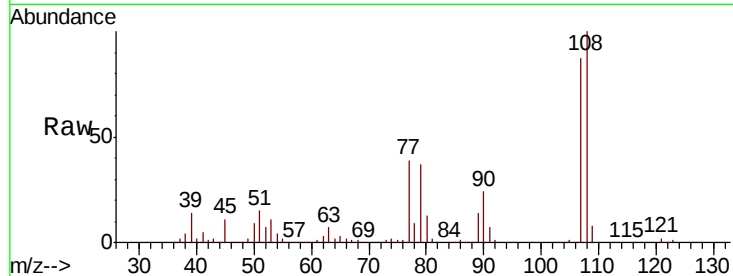




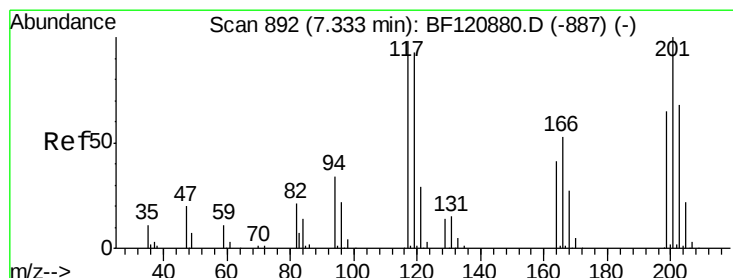
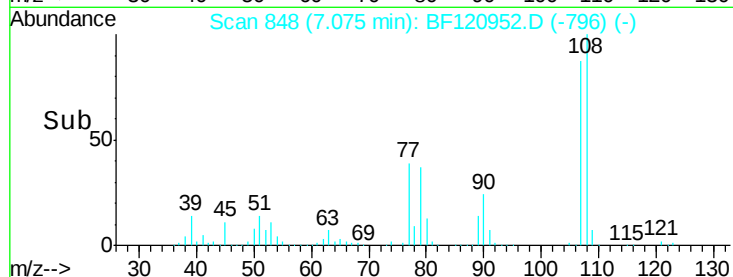
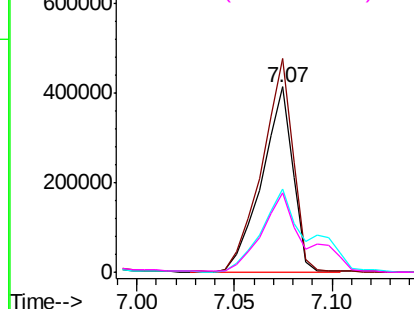
#17
2-Methylphenol
Concen: 38.282 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

Instrument :
BNA_F
ClientSampleId :
PB130338BS

Tot Ion:107 Resp: 452615
Ion Ratio Lower Upper
107 100
108 115.4 92.0 138.0
77 44.7 34.0 51.0
79 42.9 33.3 49.9

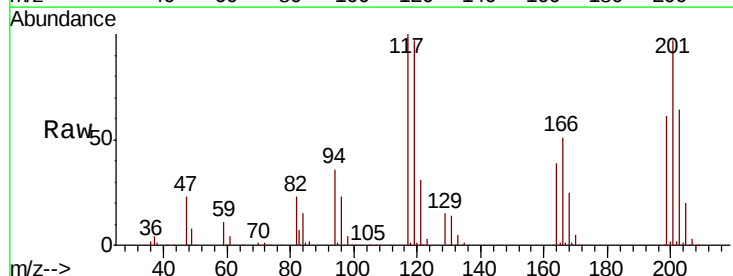


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

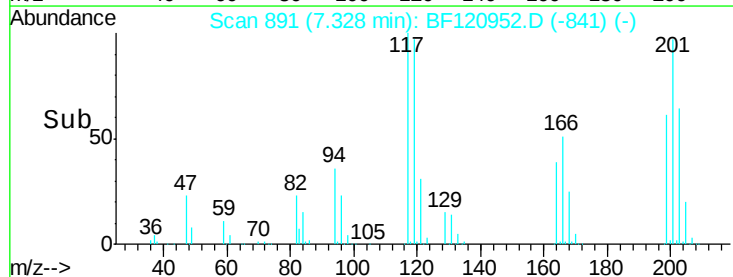
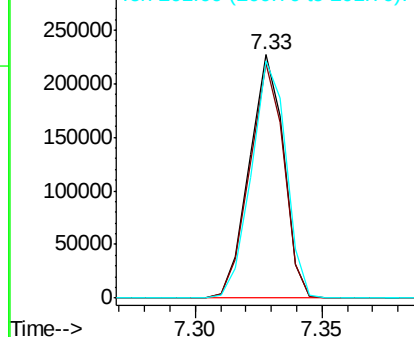


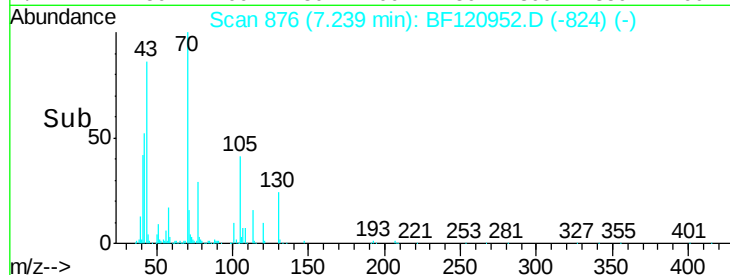
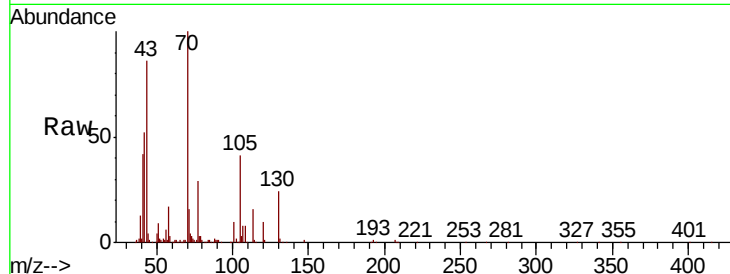
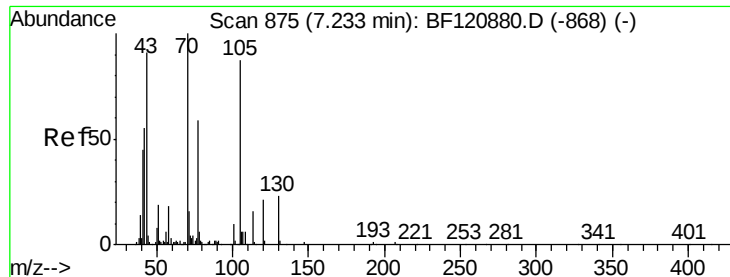
#18
Hexachloroethane
Concen: 41.075 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

Tgt Ion:117 Resp: 213835
Ion Ratio Lower Upper
117 100
119 96.5 76.0 114.0
201 97.2 81.7 122.5



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

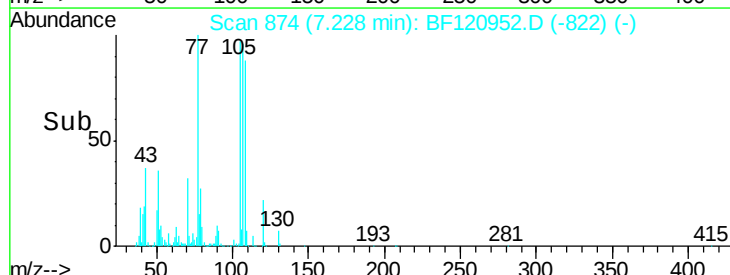
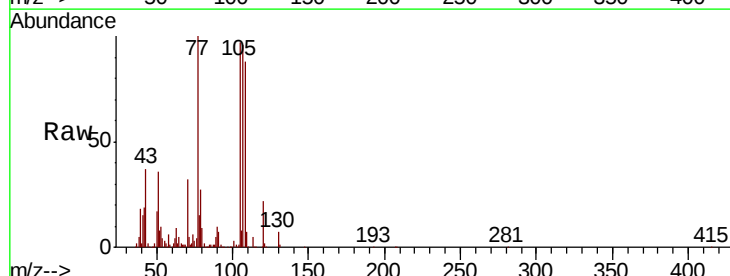
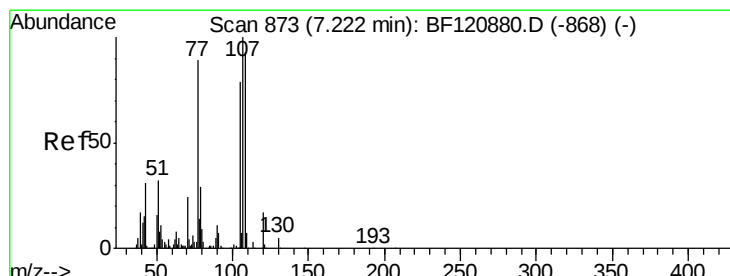
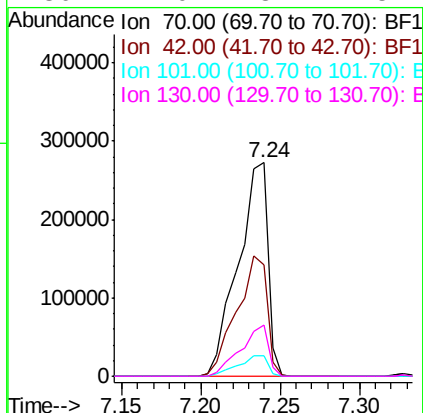




#19
n-Nitroso-di-n-propylamine
Concen: 39.739 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

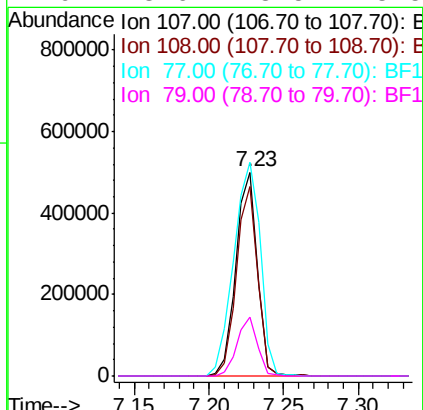
Instrument :
BNA_F
ClientSampleId :
PB130338BS

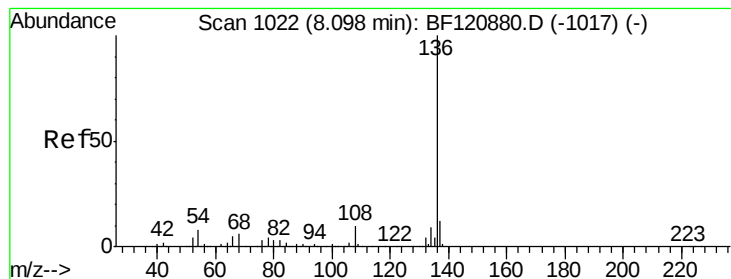
Tot Ion:	70	Resp:	353452
Ion	Ratio	Lower	Upper
70	100		
42	52.4	44.0	66.0
101	9.6	7.8	11.6
130	24.0	18.7	28.1



#20
3+4-Methylphenols
Concen: 33.432 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

Tgt Ion:	107	Resp:	502833
Ion	Ratio	Lower	Upper
107	100		
108	92.5	72.8	112.8
77	104.6	68.7	108.7
79	28.6	8.5	48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

Instrument :

BNA_F

ClientSampleId :

PB130338BS

Tot Ion:136 Resp: 784268

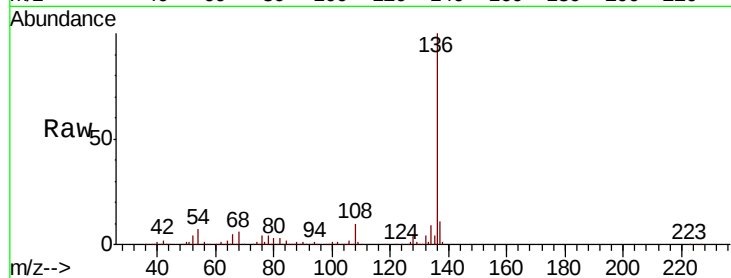
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.5 6.3 9.5

68 6.1 5.0 7.4

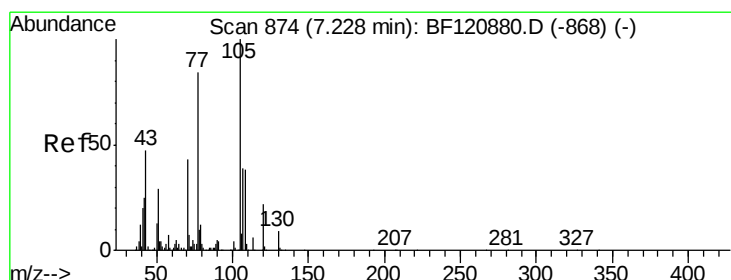
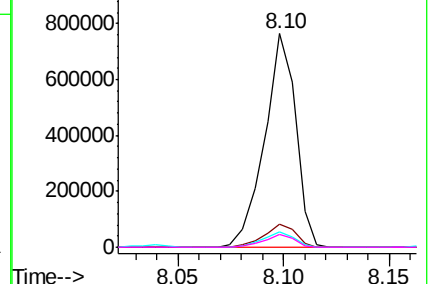
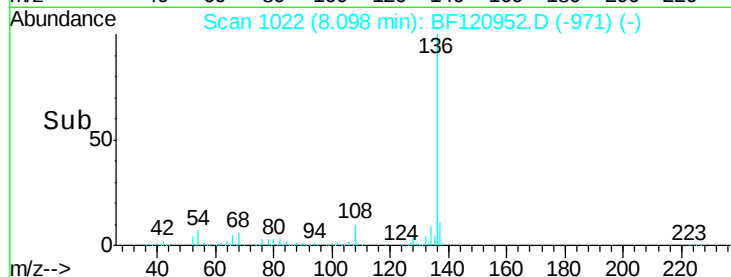


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.670 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

Tgt Ion:105 Resp: 698249

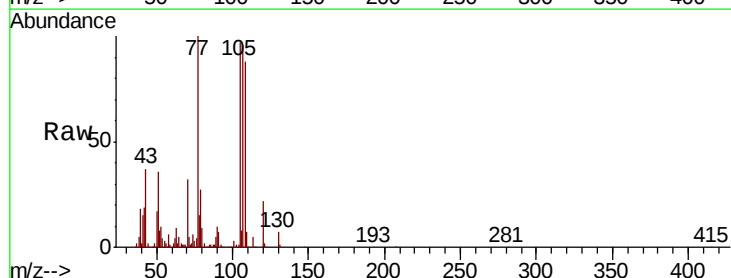
Ion Ratio Lower Upper

105 100

71 5.4 5.7 8.5#

51 36.6 22.9 34.3#

120 22.4 18.0 27.0

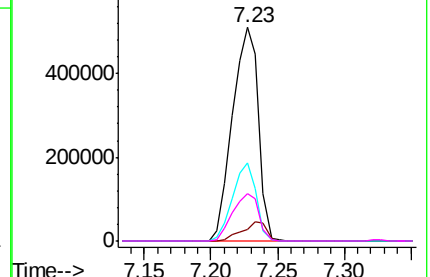
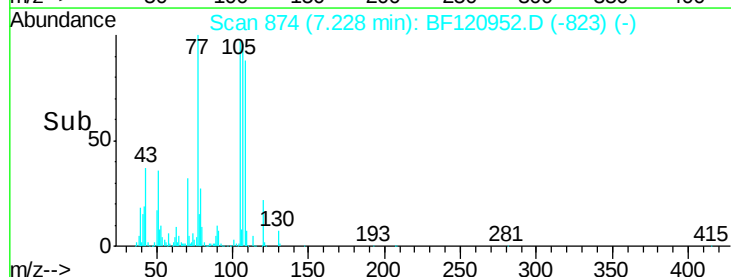


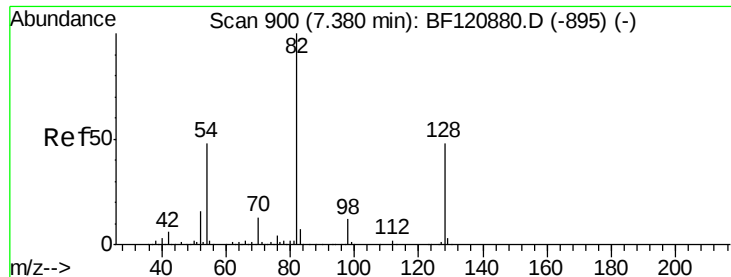
Abundance Ion 105.00 (104.70 to 105.70): E

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

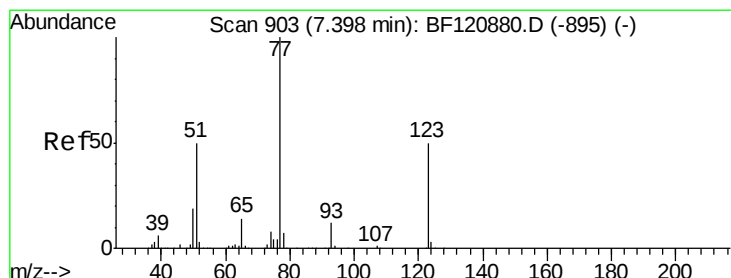
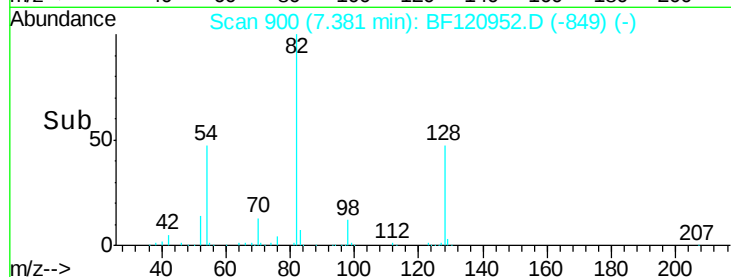
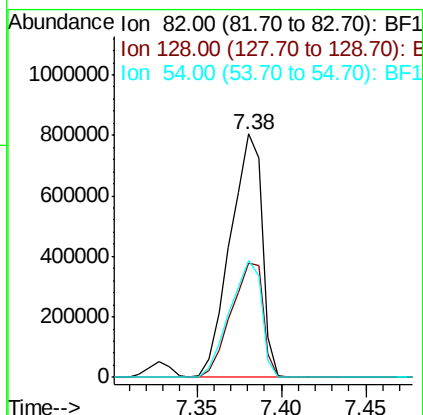
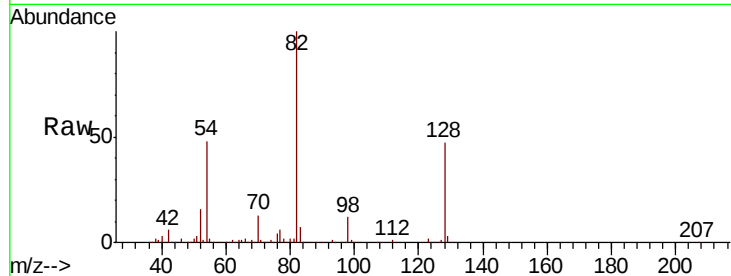




#23
 Nitrobenzene-d5
 Concen: 77.829 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF120952.D
 Acq: 21 Jul 2020 13:17

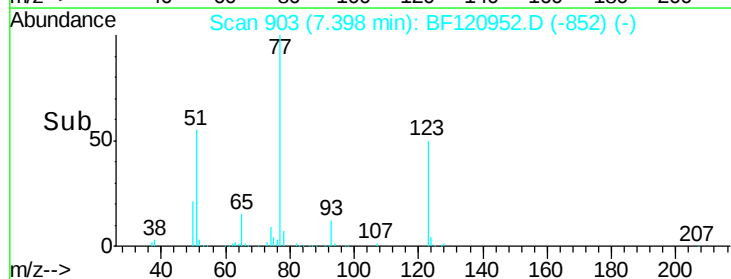
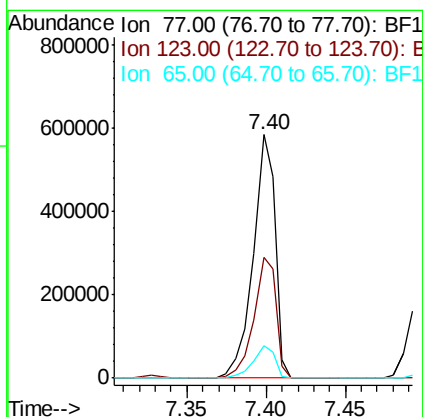
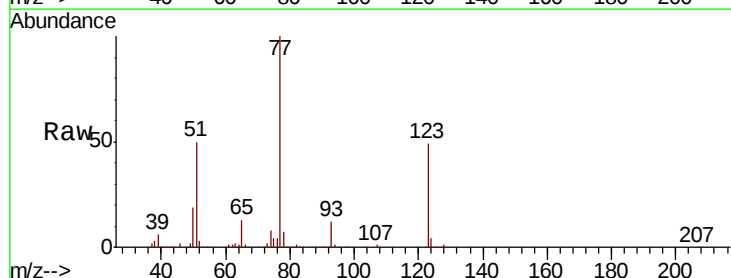
Instrument :
 BNA_F
 ClientSampleId :
 PB130338BS

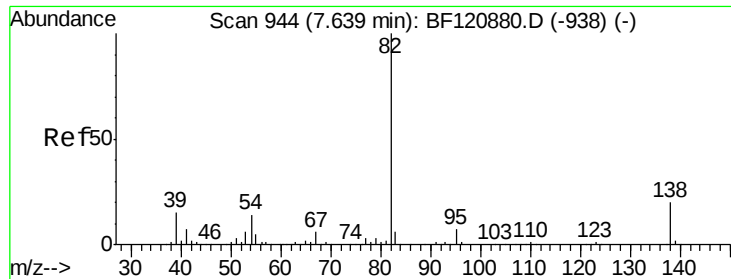
Tot Ion: 82 Resp: 1054889
 Ion Ratio Lower Upper
 82 100
 128 47.2 38.2 57.4
 54 48.1 38.7 58.1



#24
 Nitrobenzene
 Concen: 38.479 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF120952.D
 Acq: 21 Jul 2020 13:17

Tgt Ion: 77 Resp: 562118
 Ion Ratio Lower Upper
 77 100
 123 49.5 40.1 60.1
 65 13.3 10.8 16.2





#25

Isophorone

Concen: 38.957 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

Instrument :

BNA_F

ClientSampleId :

PB130338BS

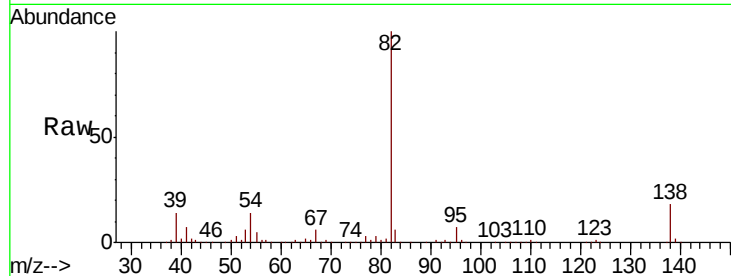
Tot Ion: 82 Resp: 1053814

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

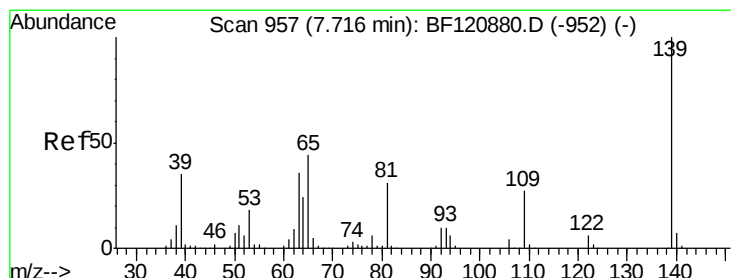
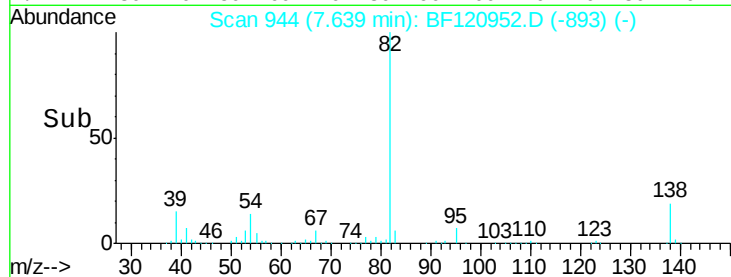
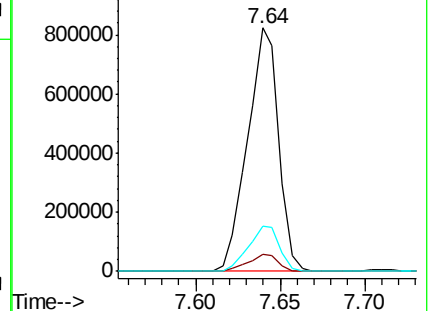
138 18.4 15.6 23.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.252 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

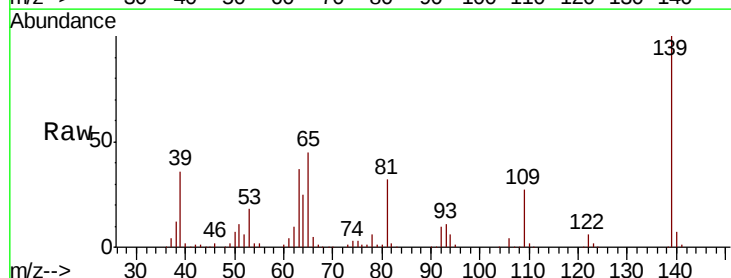
Tgt Ion: 139 Resp: 300082

Ion Ratio Lower Upper

139 100

109 27.0 21.6 32.4

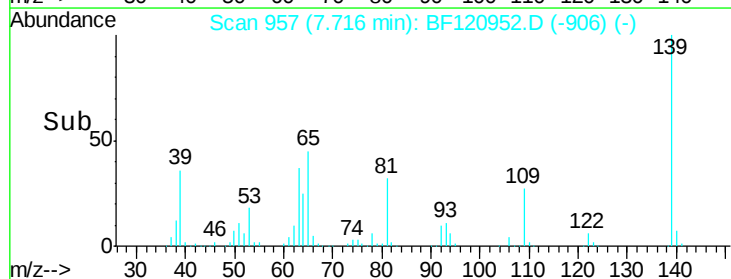
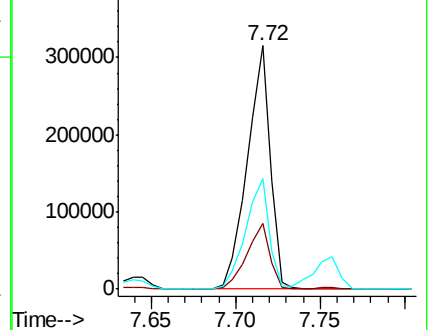
65 45.3 35.3 52.9

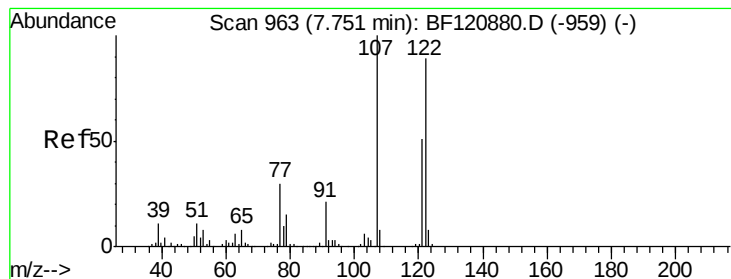


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.675 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

Instrument :

BNA_F

ClientSampleId :

PB130338BS

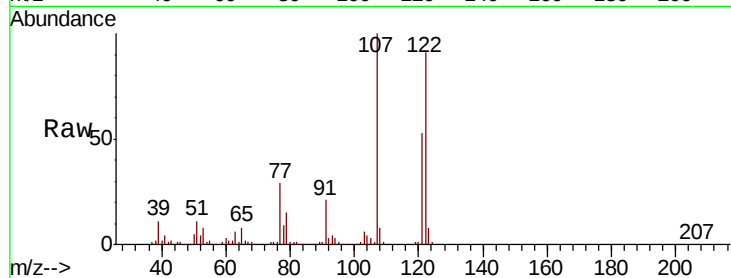
Tot Ion:122 Resp: 491985

Ion Ratio Lower Upper

122 100

107 109.4 89.4 134.0

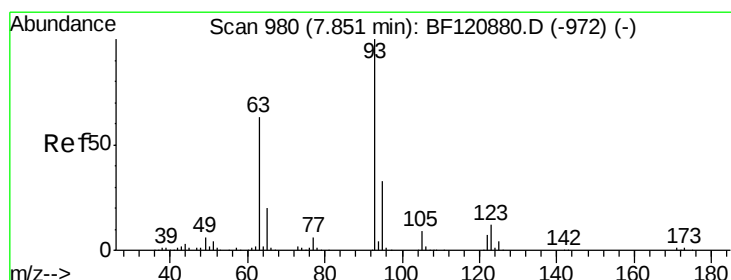
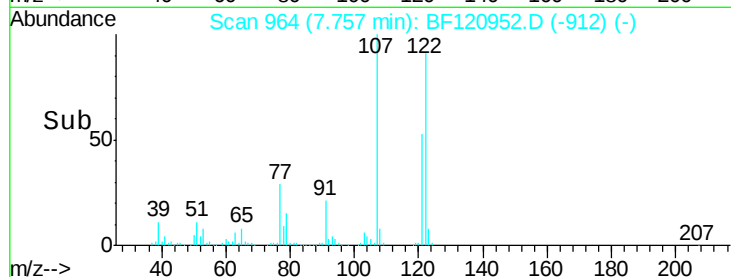
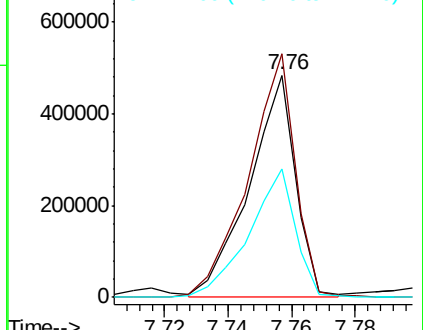
121 57.7 46.0 69.0



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: 40.546 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

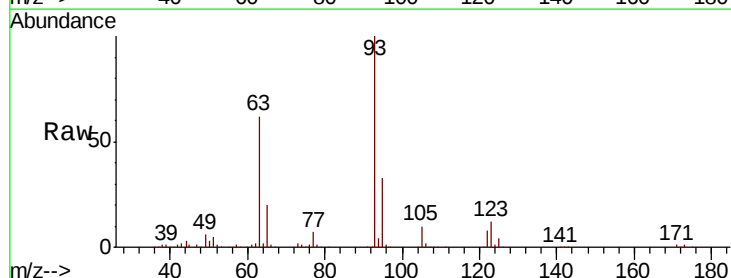
Tgt Ion: 93 Resp: 669501

Ion Ratio Lower Upper

93 100

95 32.8 26.6 39.8

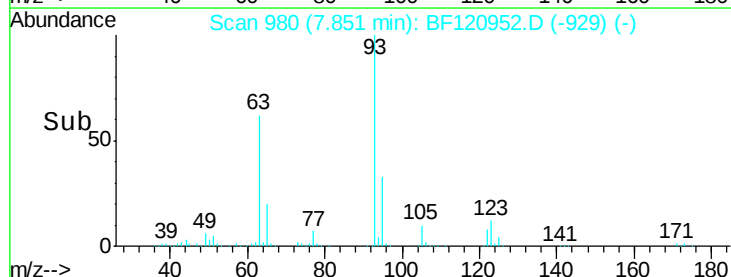
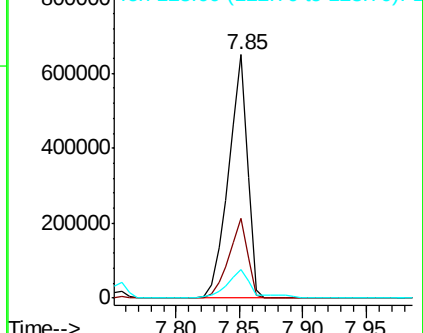
123 11.9 10.0 15.0

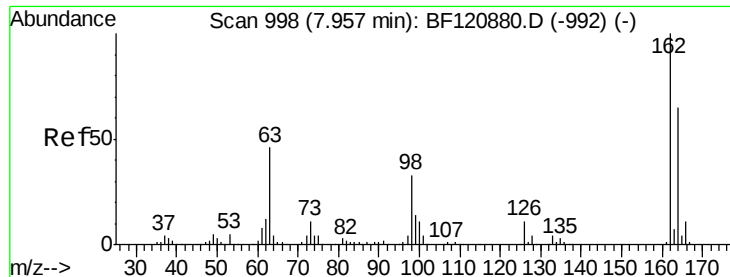


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

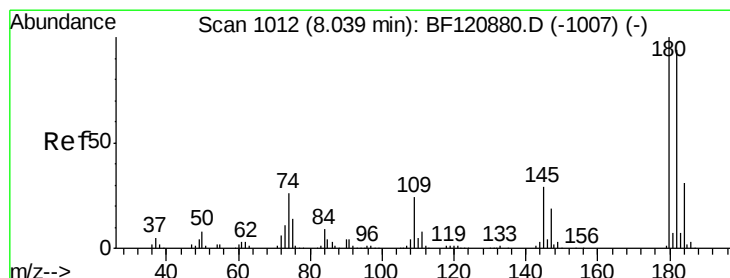
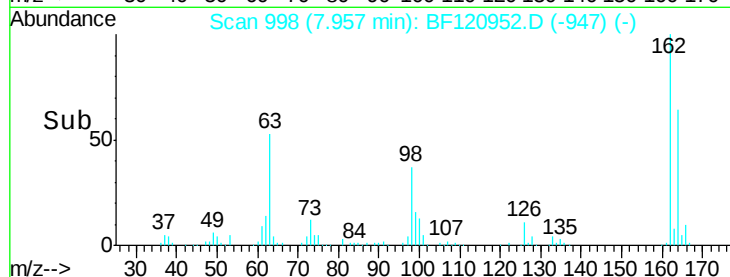
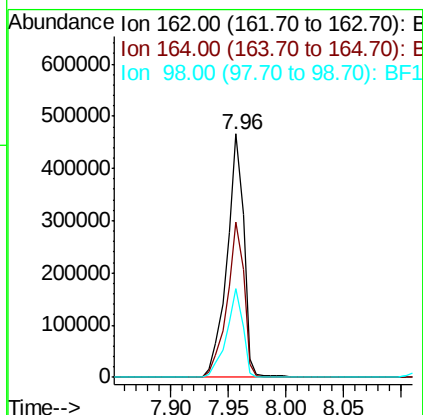
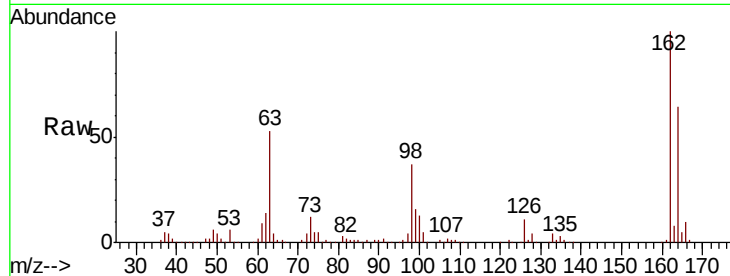




#29
 2,4-Dichlorophenol
 Concen: 40.939 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF120952.D
 Acq: 21 Jul 2020 13:17

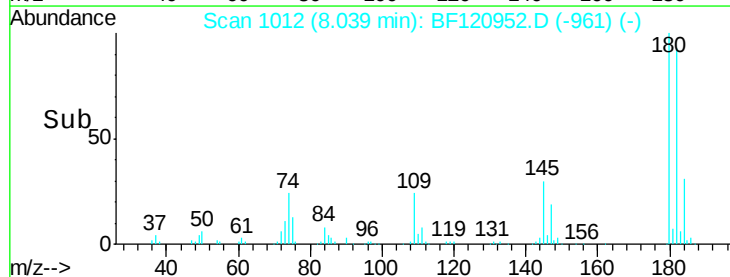
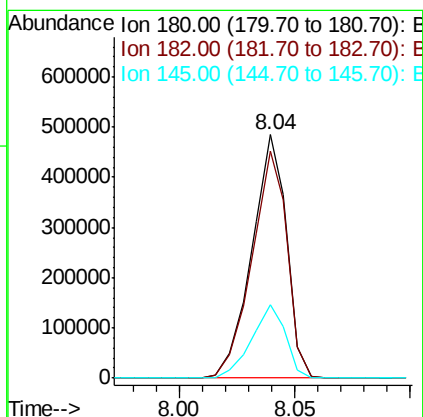
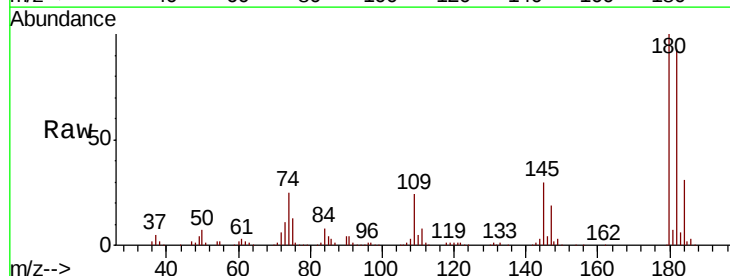
Instrument :
 BNA_F
 ClientSampleId :
 PB130338BS

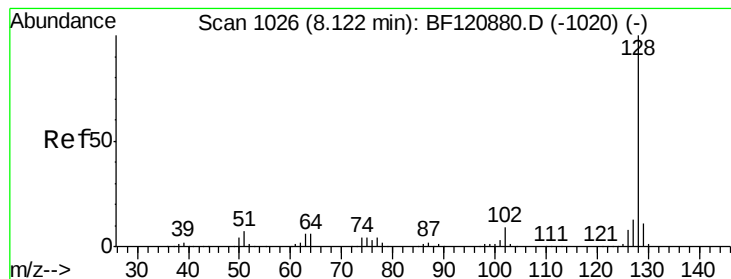
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.3	85.3
98	36.6	13.3	53.3



#30
 1,2,4-Trichlorobenzene
 Concen: 39.608 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF120952.D
 Acq: 21 Jul 2020 13:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.0	112.6
145	29.9	23.5	35.3





#31

Naphthalene

Concen: 38.527 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

Instrument :

BNA_F

ClientSampleId :

PB130338BS

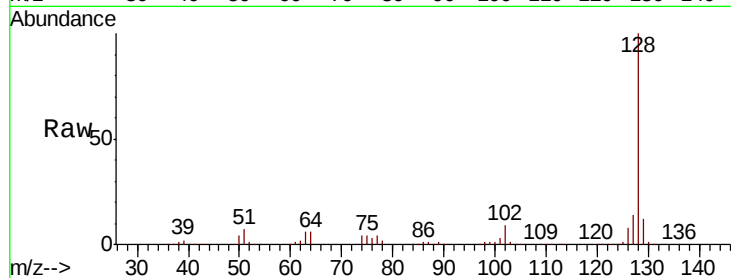
Tot Ion:128 Resp: 1549914

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

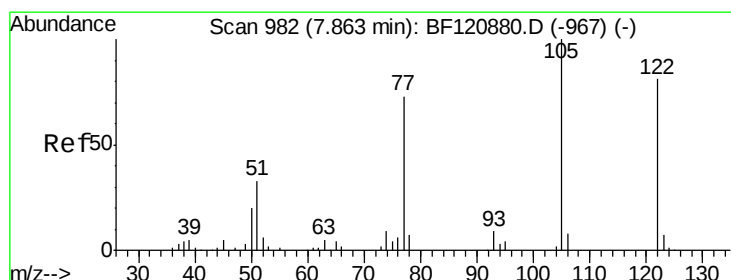
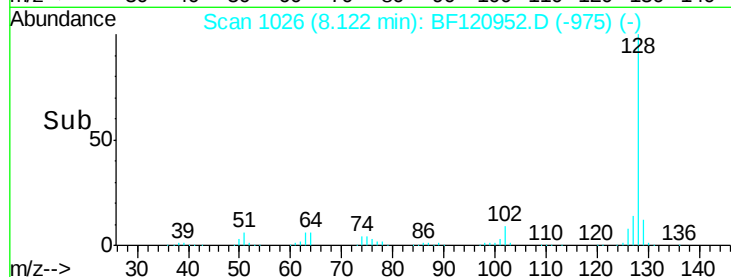
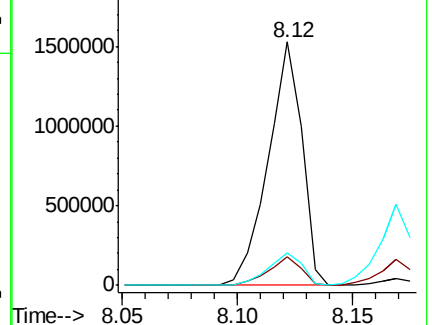
127 13.5 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.430 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.02 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

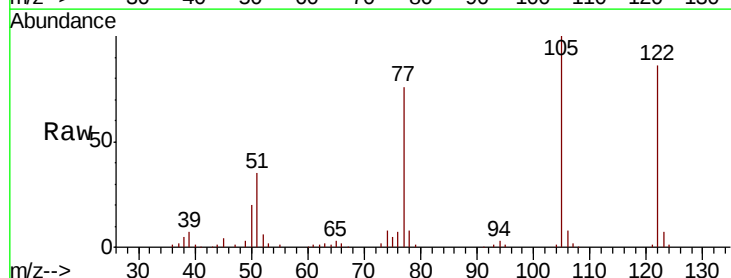
Tgt Ion:122 Resp: 341877

Ion Ratio Lower Upper

122 100

105 115.9 101.3 141.3

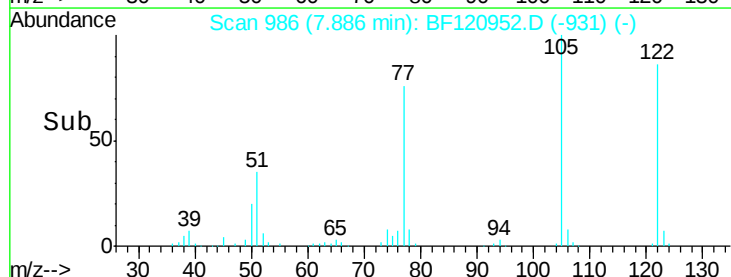
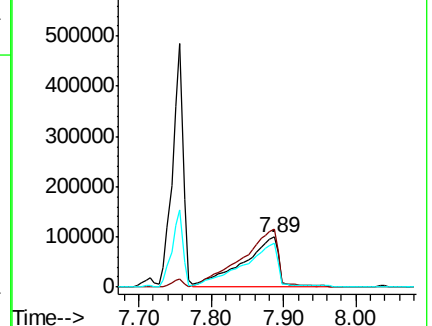
77 88.4 69.1 109.1

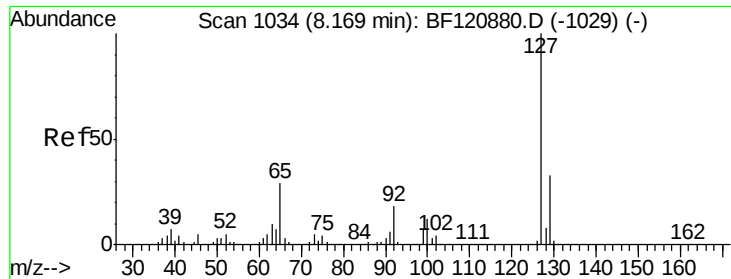


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

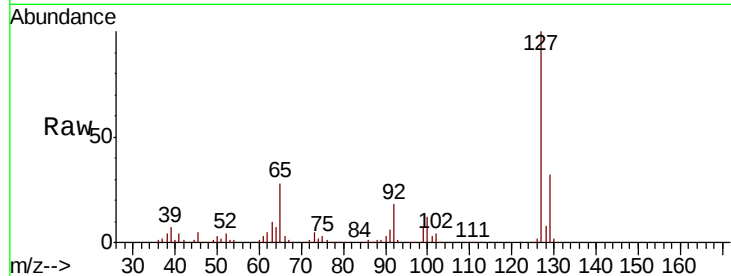




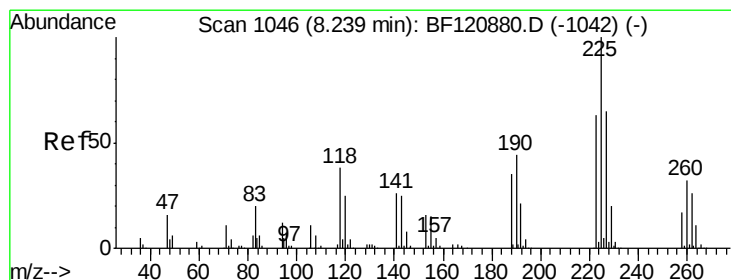
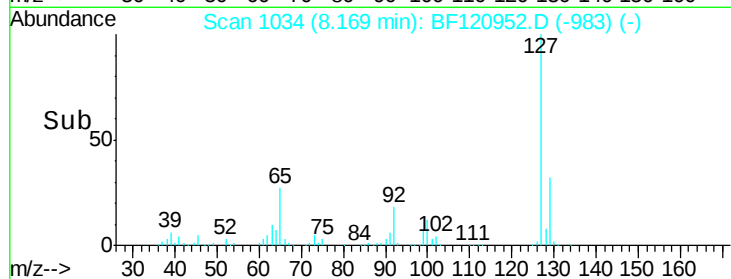
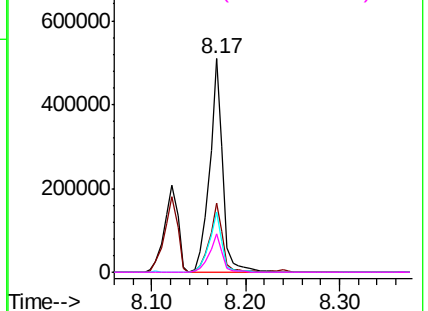
#33
4-Chloroaniline
Concen: 28.026 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

Instrument :
BNA_F
ClientSampleId :
PB130338BS

Tot Ion:127	Resp: 502961
Ion Ratio	Lower Upper
127 100	
129 32.5	26.5 39.7
65 28.0	23.0 34.4
92 18.0	14.5 21.7

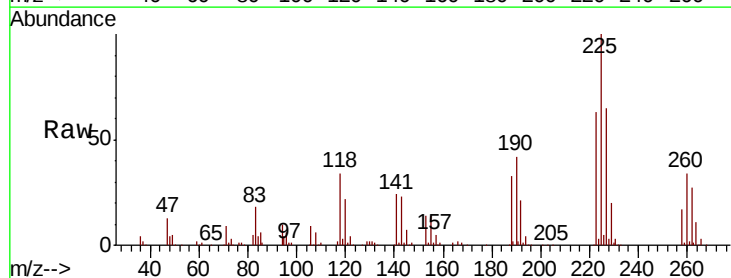


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

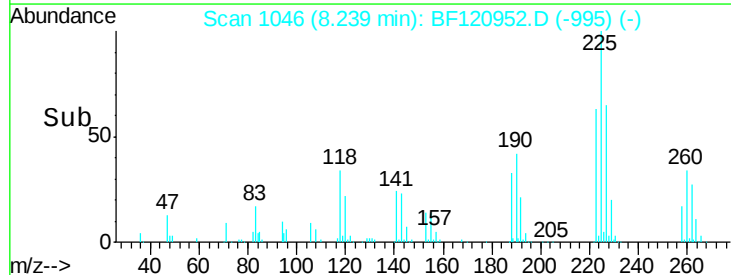
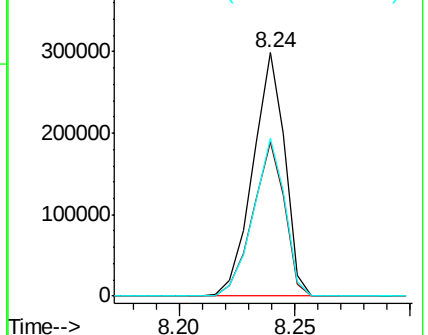


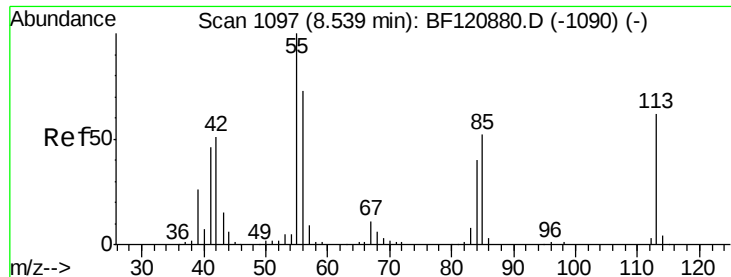
#34
Hexachlorobutadiene
Concen: 38.346 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

Tgt Ion:225	Resp: 288688
Ion Ratio	Lower Upper
225 100	
223 63.4	50.6 76.0
227 65.0	52.2 78.2



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

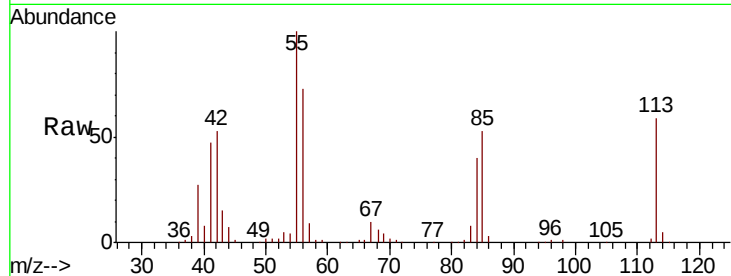




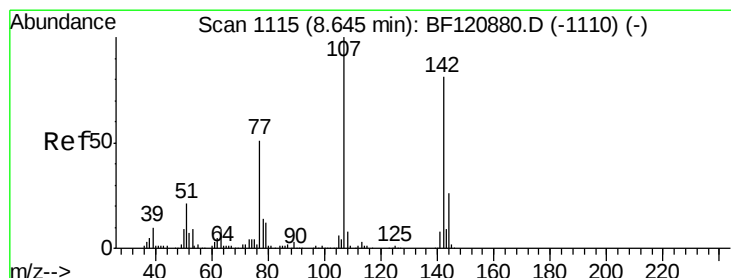
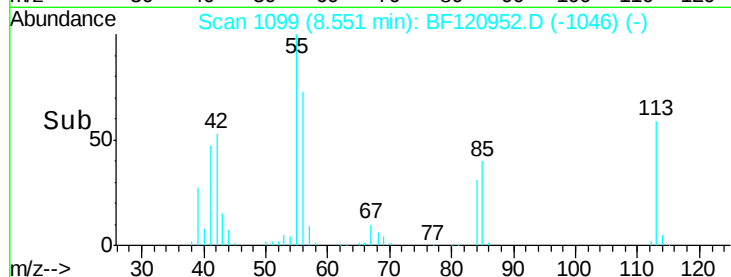
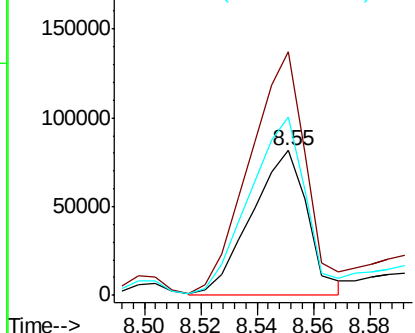
#35
Caprolactam
Concen: 30.547 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

Instrument :
BNA_F
ClientSampleId :
PB130338BS

Tot Ion:113 Resp: 112760
Ion Ratio Lower Upper
113 100
55 168.6 143.3 183.3
56 123.2 99.4 139.4

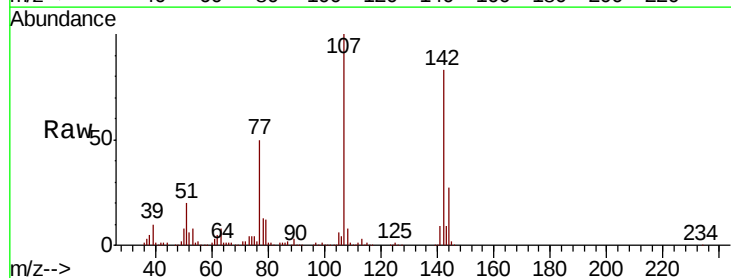


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

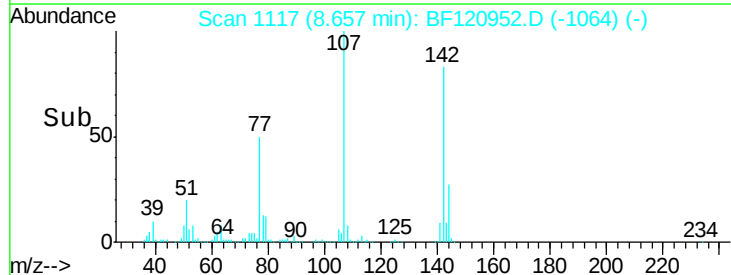
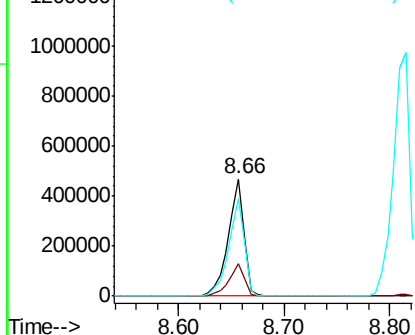


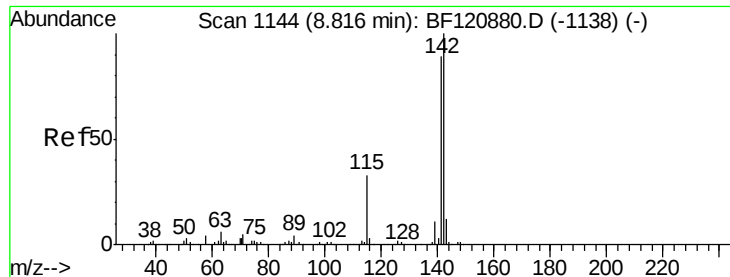
#36
4-Chloro-3-methylphenol
Concen: 40.890 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

Tgt Ion:107 Resp: 482718
Ion Ratio Lower Upper
107 100
144 27.2 21.0 31.6
142 83.4 65.0 97.6



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

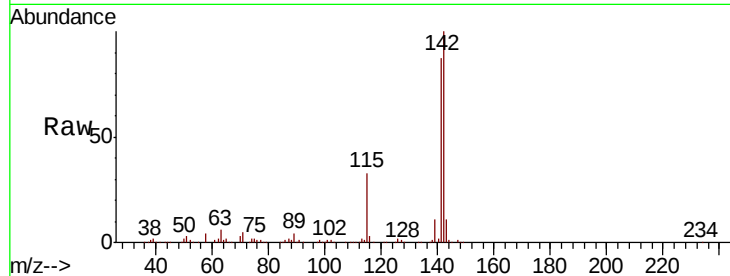




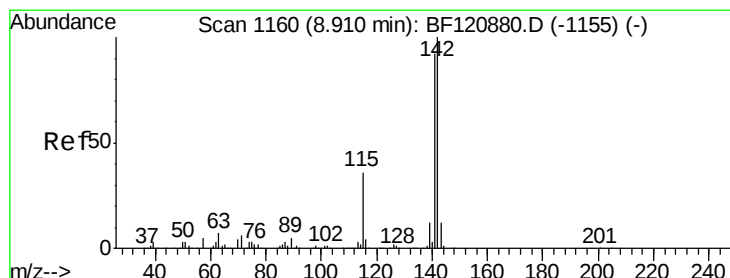
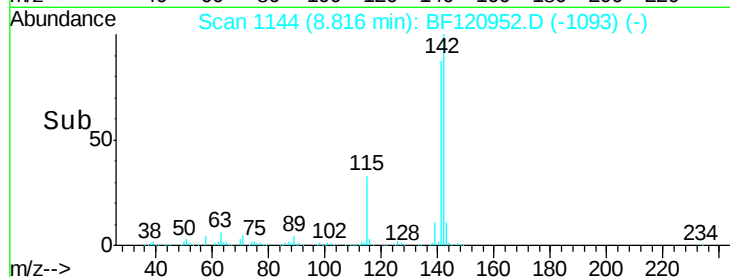
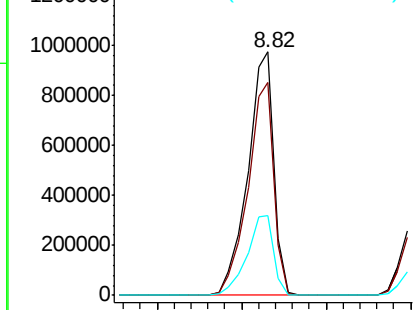
#37
2-Methylnaphthalene
Concen: 40.202 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

Instrument :
BNA_F
ClientSampleId :
PB130338BS

Tot Ion:142 Resp: 1050130
Ion Ratio Lower Upper
142 100
141 87.5 71.0 106.4
115 32.6 26.0 39.0

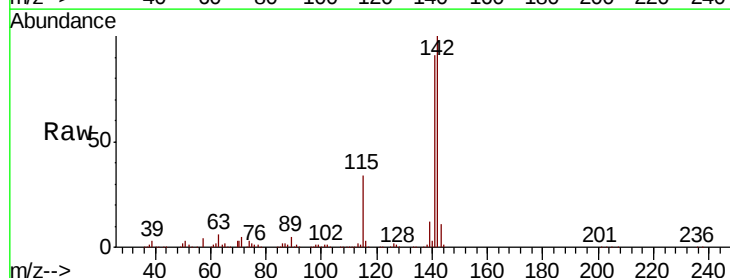


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

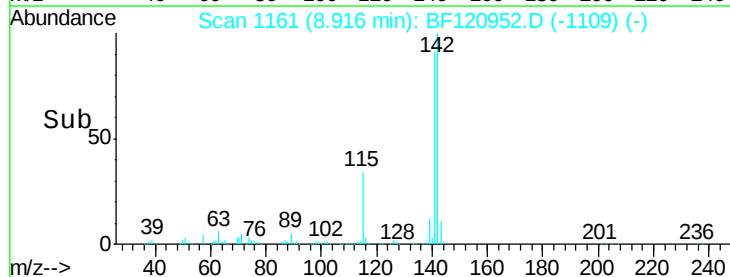
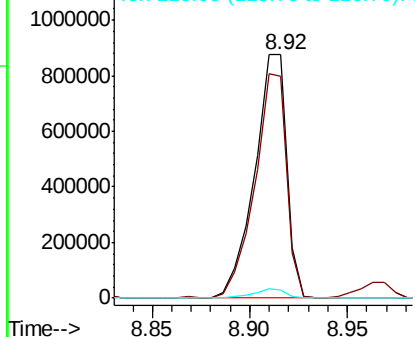


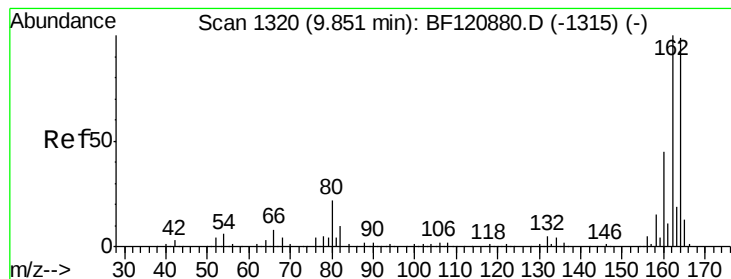
#38
1-Methylnaphthalene
Concen: 40.500 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

Tgt Ion:142 Resp: 1001930
Ion Ratio Lower Upper
142 100
141 91.0 73.7 110.5
116 3.4 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

Instrument :

BNA_F

ClientSampled :

PB130338BS

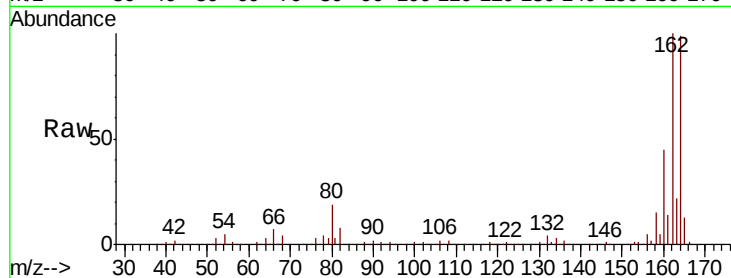
Tot Ion:164 Resp: 411435

Ion Ratio Lower Upper

164 100

162 101.2 81.2 121.8

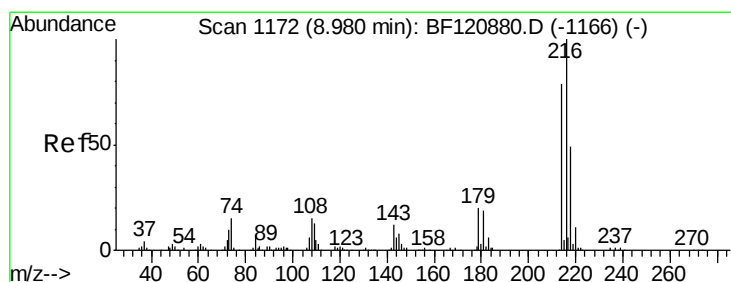
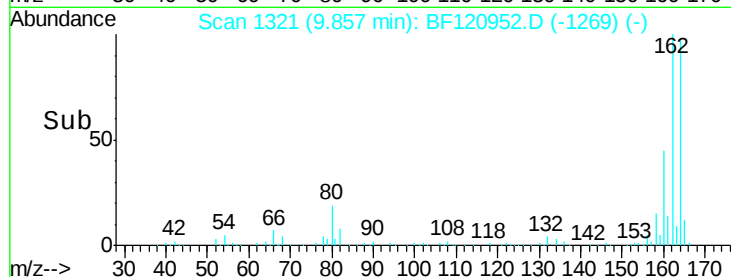
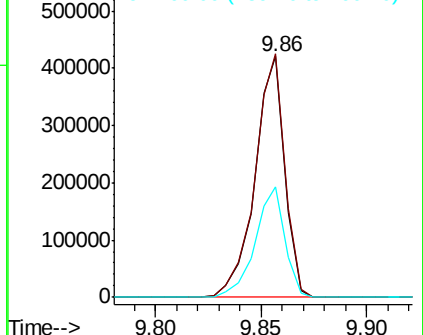
160 45.8 36.9 55.3



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: 38.285 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

Tgt Ion:216 Resp: 458944

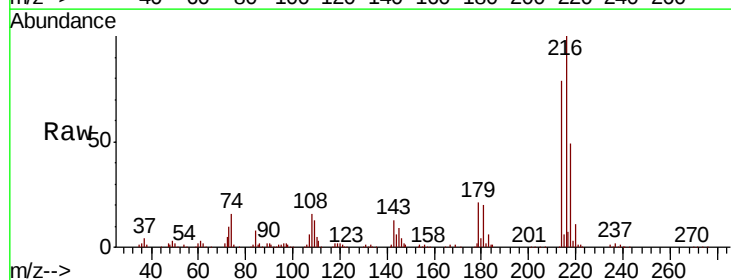
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.8

179 20.7 16.6 24.8

108 20.5 15.4 23.0

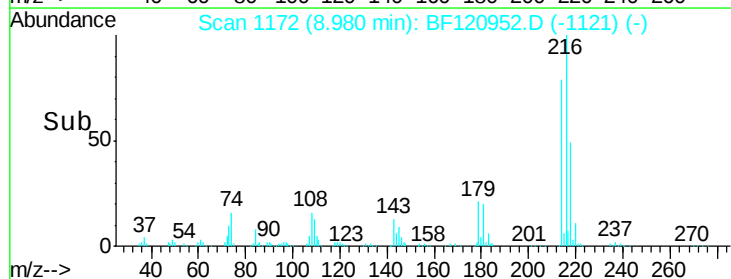
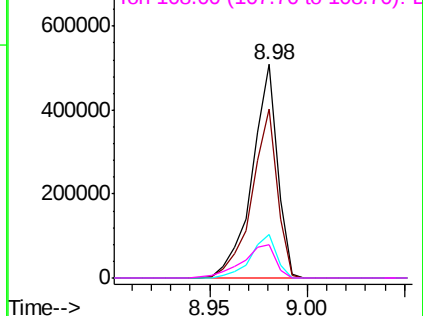


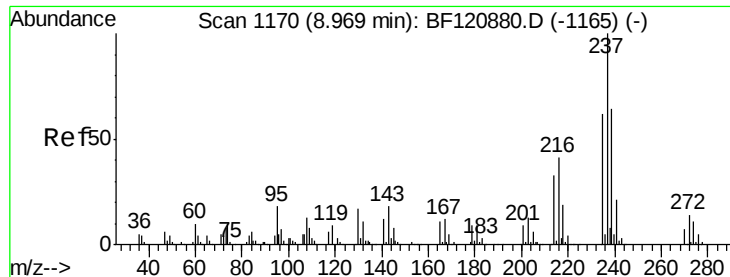
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.461 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

Instrument :

BNA_F

ClientSampleId :

PB130338BS

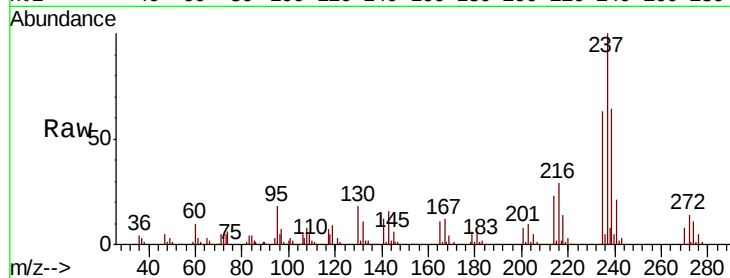
Tot Ion:237 Resp: 539700

Ion Ratio Lower Upper

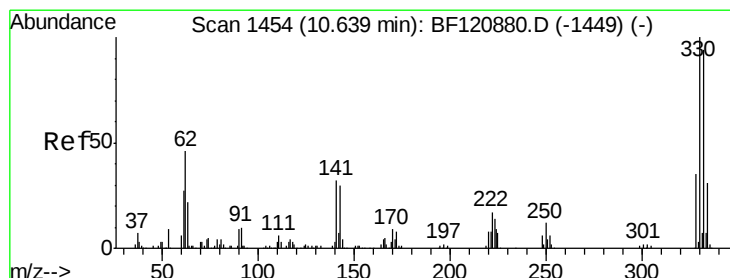
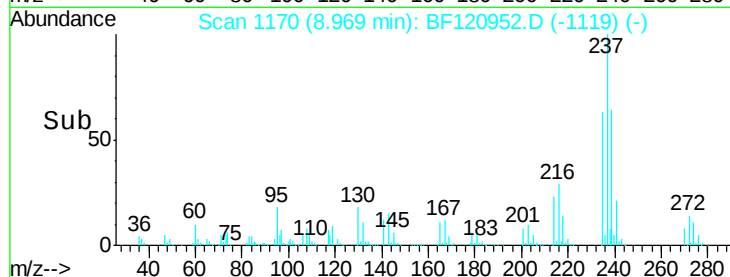
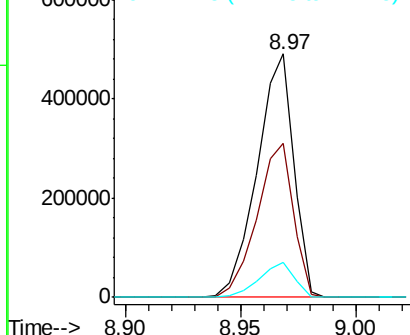
237 100

235 63.4 41.6 81.6

272 14.1 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: 107.454 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

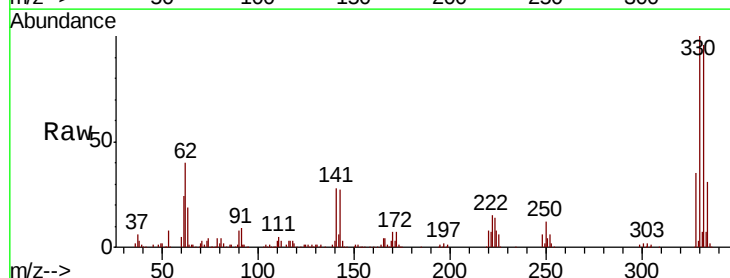
Tgt Ion:330 Resp: 483925

Ion Ratio Lower Upper

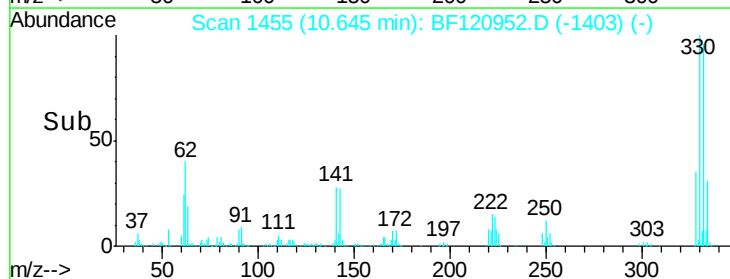
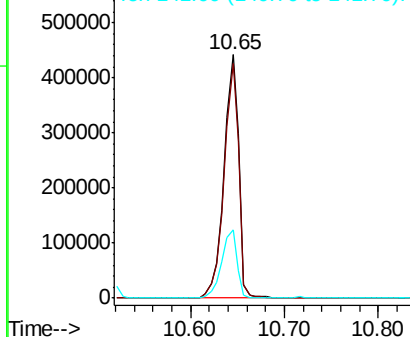
330 100

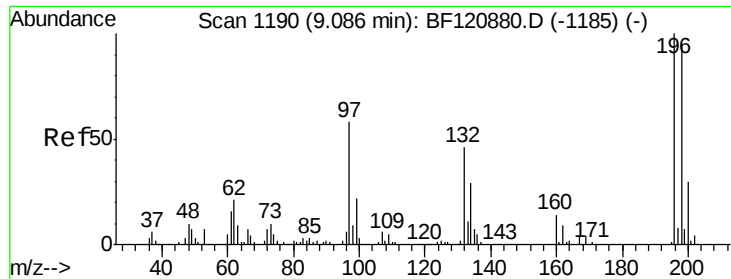
332 95.9 75.5 113.3

141 29.6 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

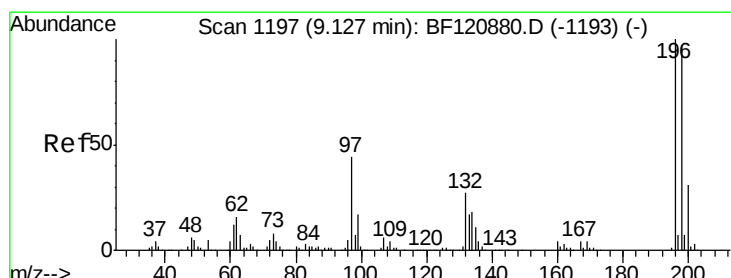
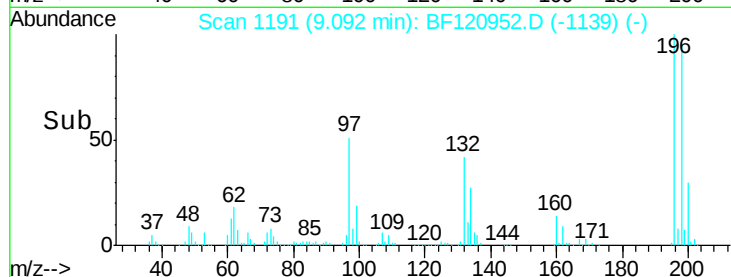
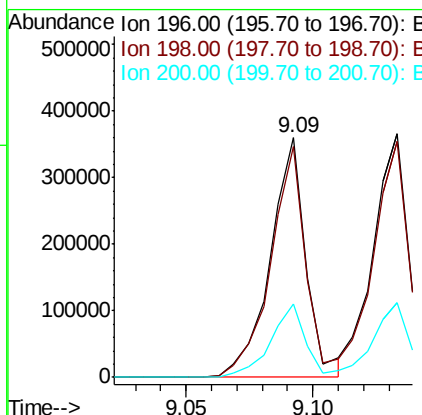
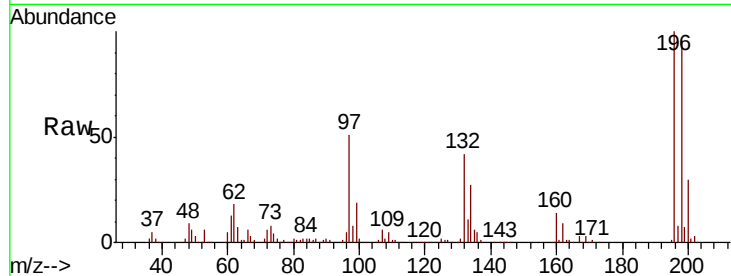




#43
 2,4,6-Trichlorophenol
 Concen: 42.118 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120952.D
 Acq: 21 Jul 2020 13:17

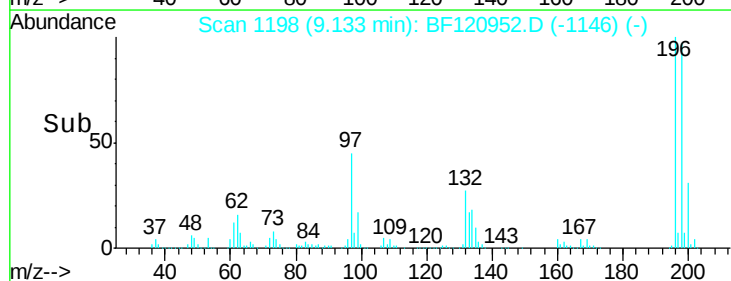
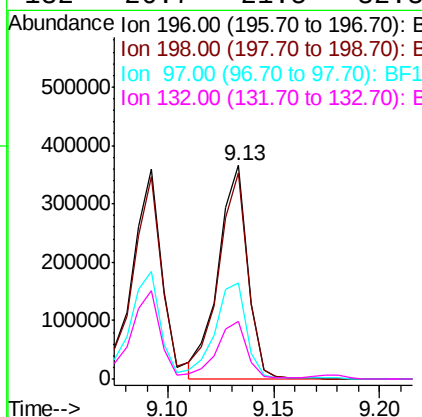
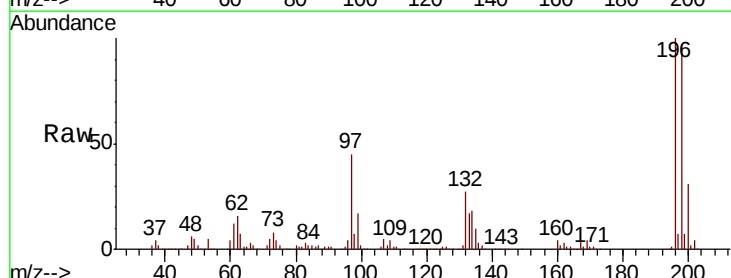
Instrument :
 BNA_F
 ClientSampleId :
 PB130338BS

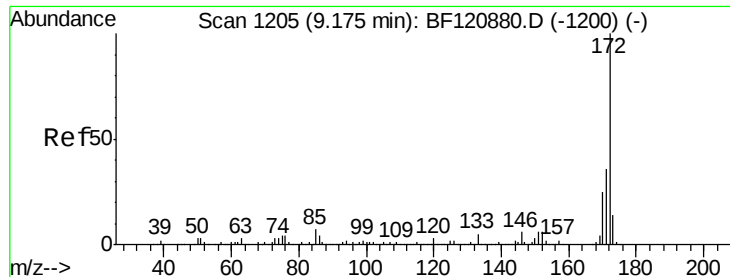
Tot Ion:196 Resp: 355484
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.7 113.5
 200 30.4 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 36.947 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF120952.D
 Acq: 21 Jul 2020 13:17

Tgt Ion:196 Resp: 353728
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.6 116.4
 97 45.2 35.6 53.4
 132 26.7 21.5 32.3

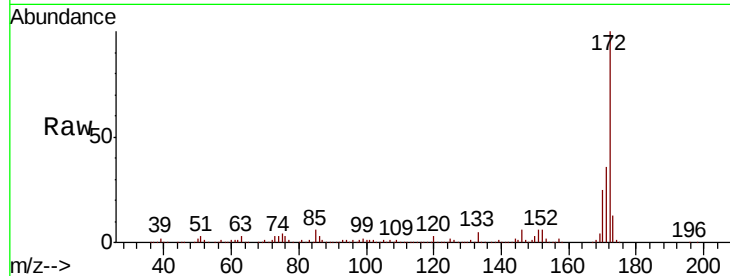




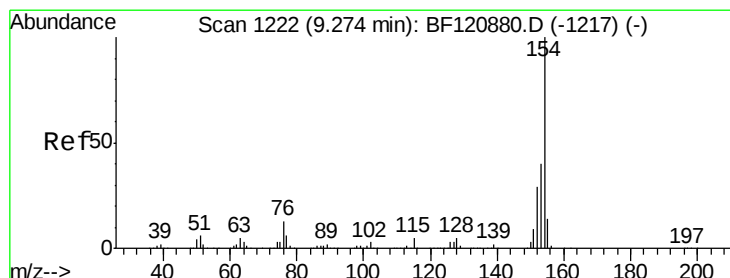
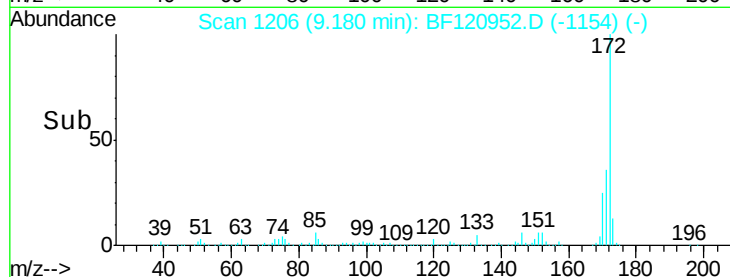
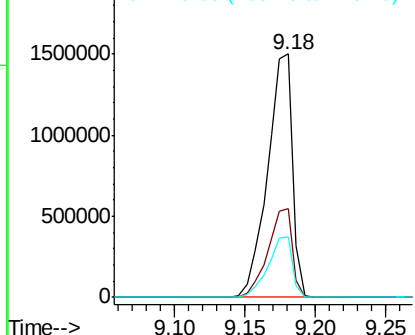
#45
2-Fluorobiphenyl
Concen: 67.186 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

Instrument :
BNA_F
ClientSampleId :
PB130338BS

Tot Ion:172 Resp: 1851445
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 24.7 19.6 29.4

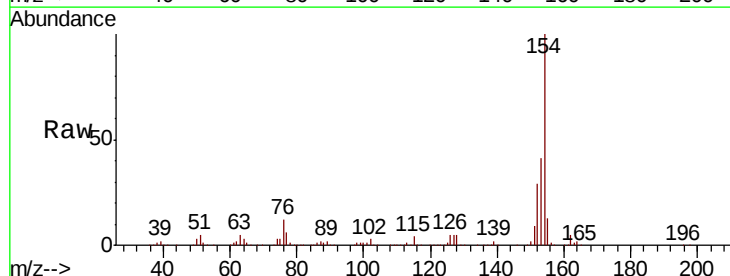


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

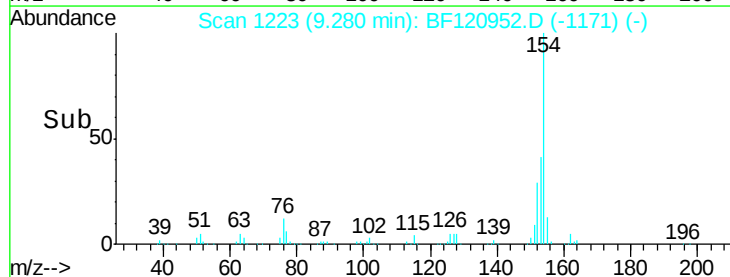
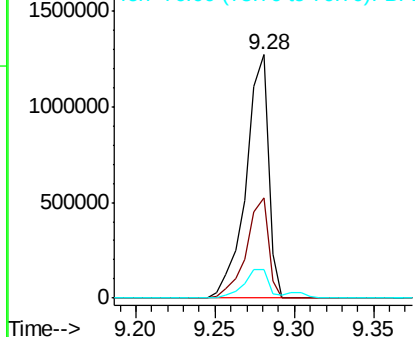


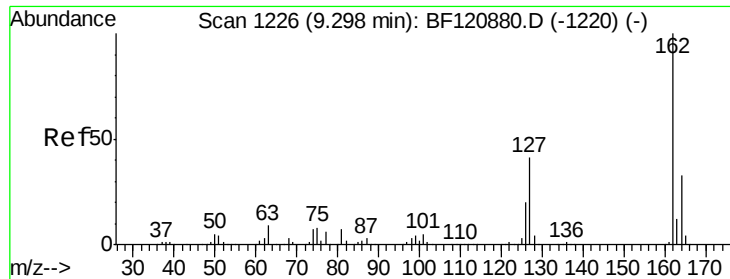
#46
1,1'-Biphenyl
Concen: 39.669 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

Tgt Ion:154 Resp: 1244975
Ion Ratio Lower Upper
154 100
153 41.0 20.4 60.4
76 11.7 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

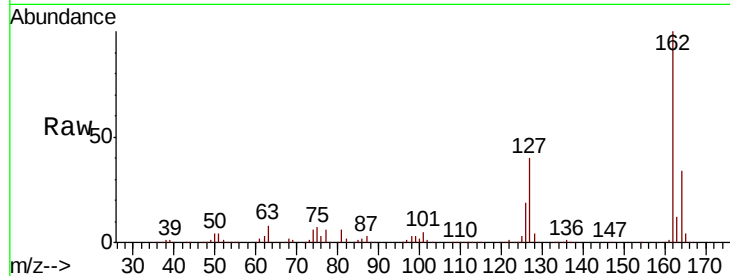




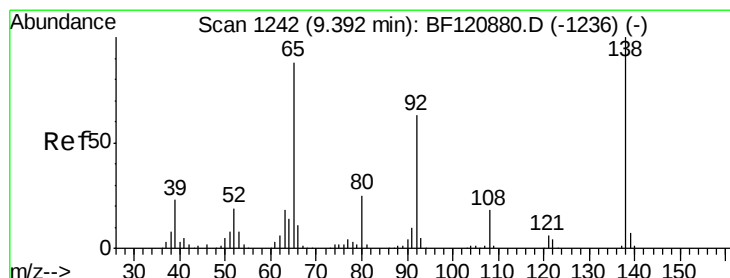
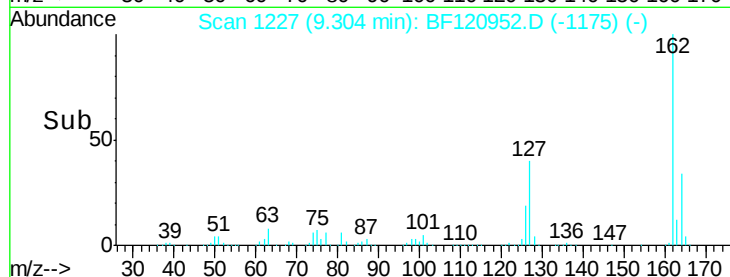
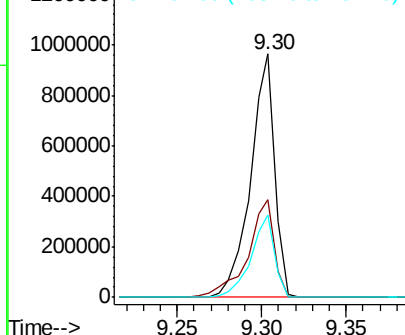
#47
 2-Chloronaphthalene
 Concen: 37.563 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120952.D
 Acq: 21 Jul 2020 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB130338BS

Tot Ion:162 Resp: 961147
 Ion Ratio Lower Upper
 162 100
 127 39.9 33.3 49.9
 164 34.0 26.6 39.8

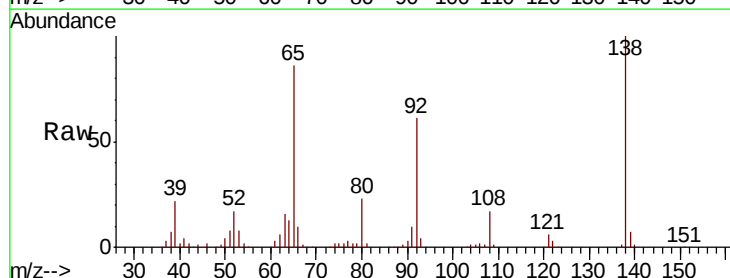


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

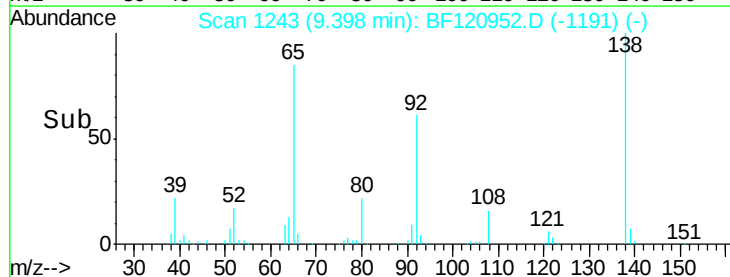
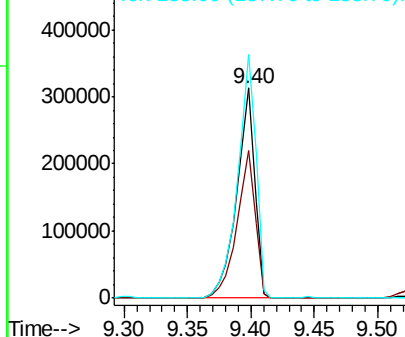


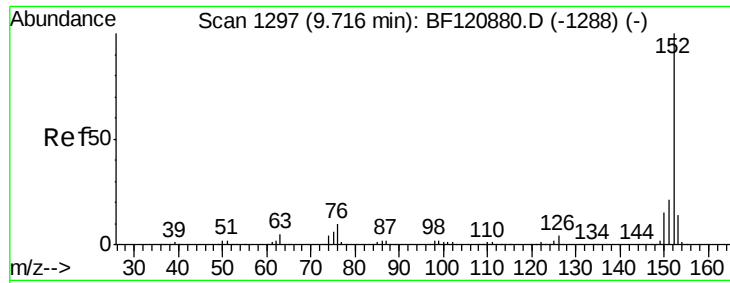
#48
 2-Nitroaniline
 Concen: 39.855 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120952.D
 Acq: 21 Jul 2020 13:17

Tgt Ion: 65 Resp: 308186
 Ion Ratio Lower Upper
 65 100
 92 70.2 57.0 85.4
 138 115.9 90.4 135.6



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





#49

Acenaphthylene

Concen: 39.393 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

Instrument :

BNA_F

ClientSampleId :

PB130338BS

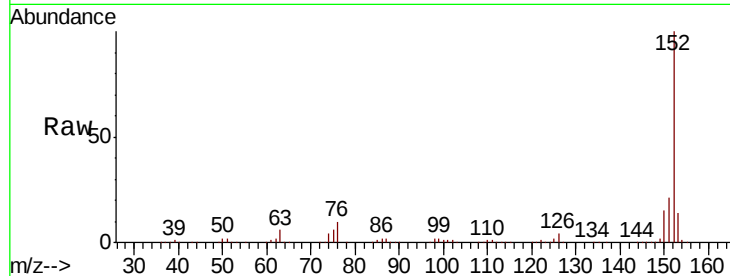
Tot Ion:152 Resp: 1565906

Ion Ratio Lower Upper

152 100

151 20.7 16.6 25.0

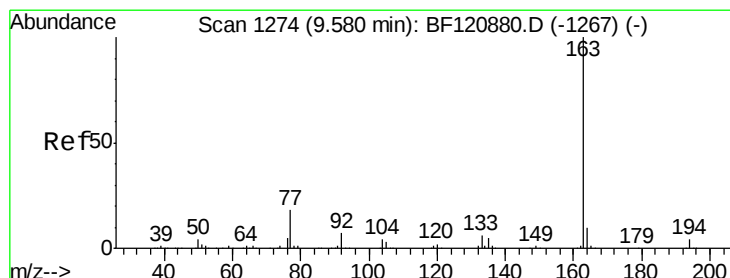
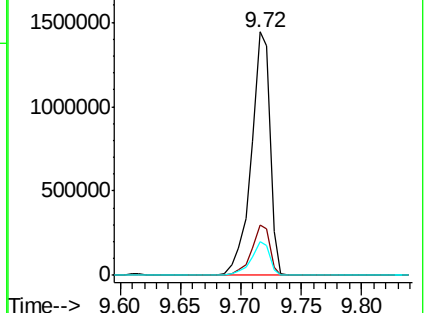
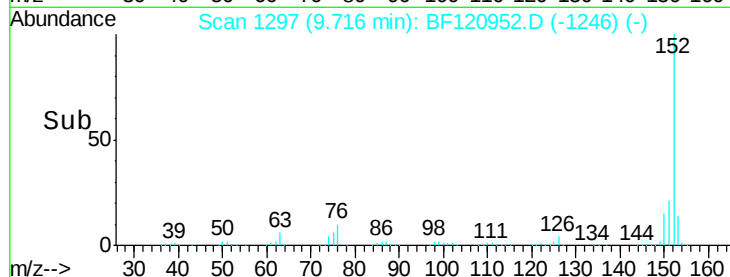
153 13.8 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.924 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

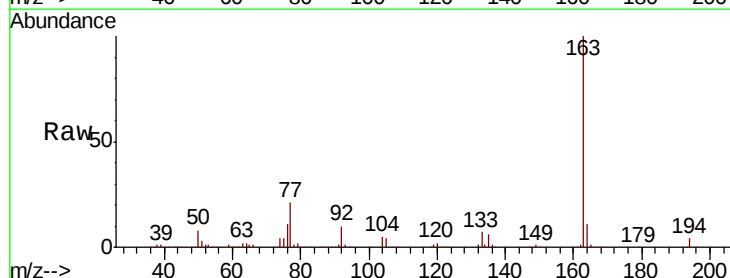
Tgt Ion:163 Resp: 1155368

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

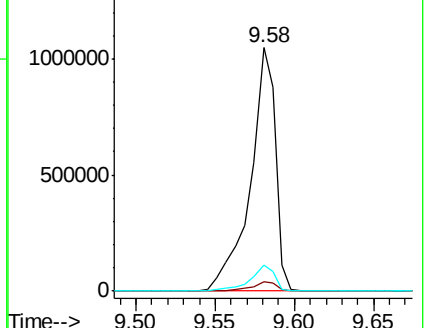
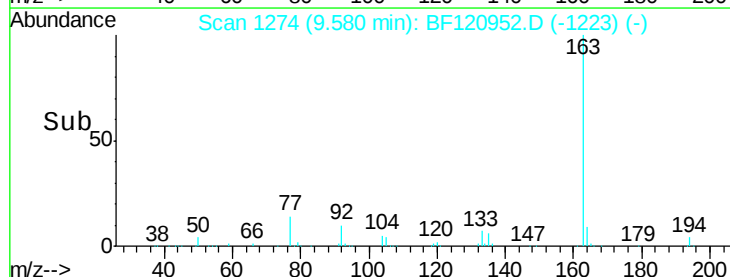
164 10.8 7.9 11.9

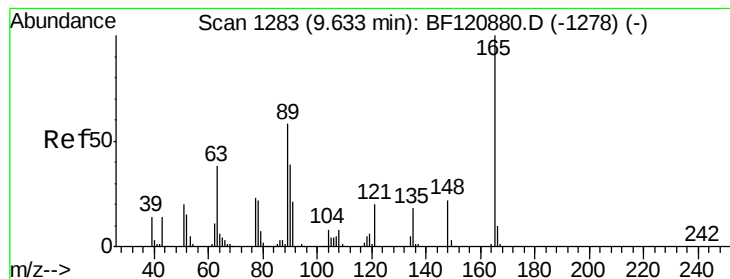


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.884 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

Instrument :

BNA_F

ClientSampleId :

PB130338BS

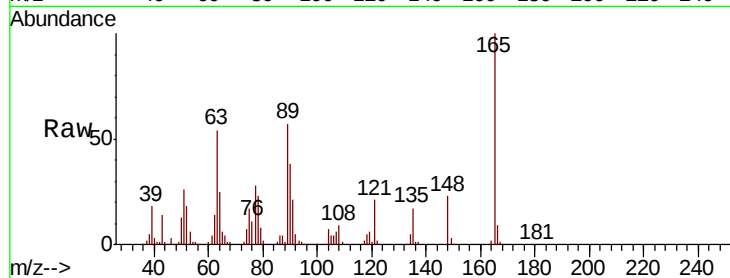
Tot Ion:165 Resp: 260719

Ion Ratio Lower Upper

165 100

63 54.1 45.4 68.2

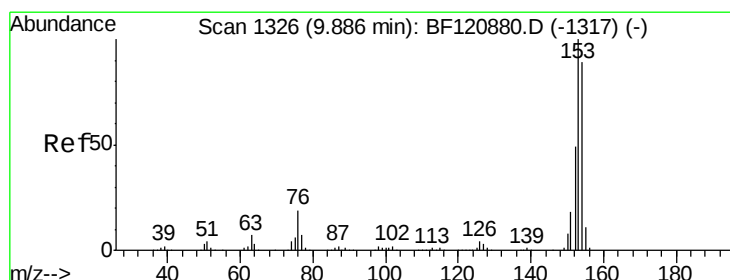
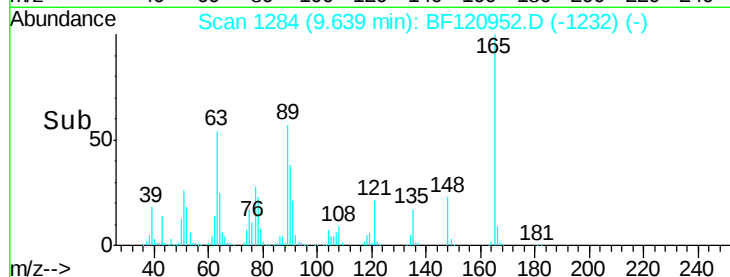
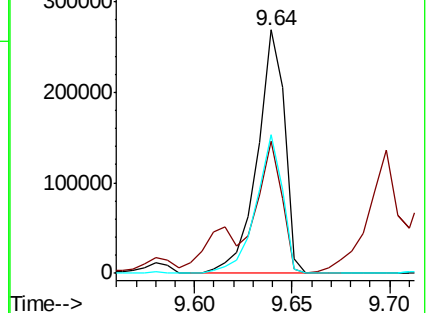
89 57.1 47.0 70.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 36.352 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

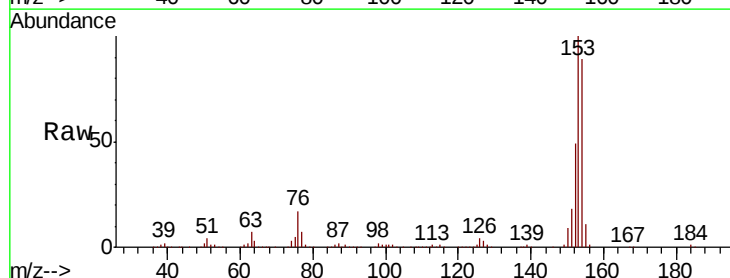
Tgt Ion:154 Resp: 918708

Ion Ratio Lower Upper

154 100

153 112.0 89.5 134.3

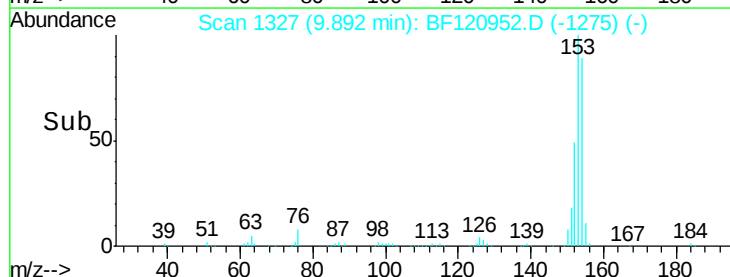
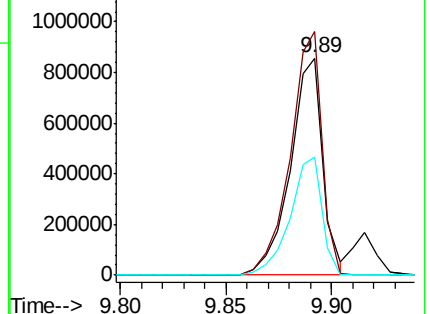
152 54.5 44.2 66.2

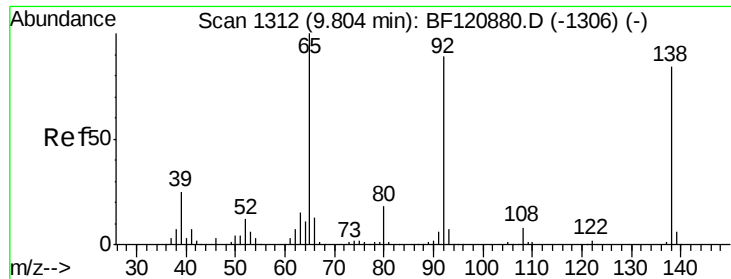


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

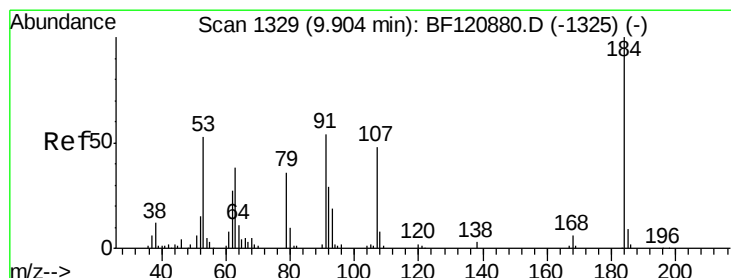
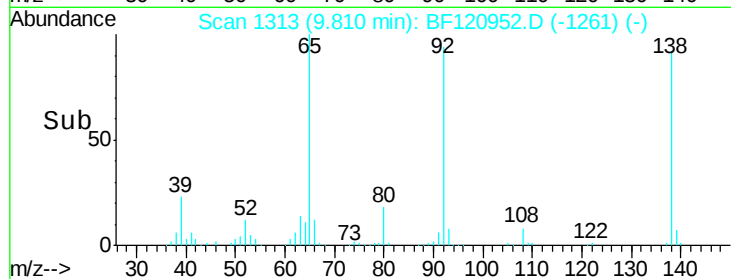
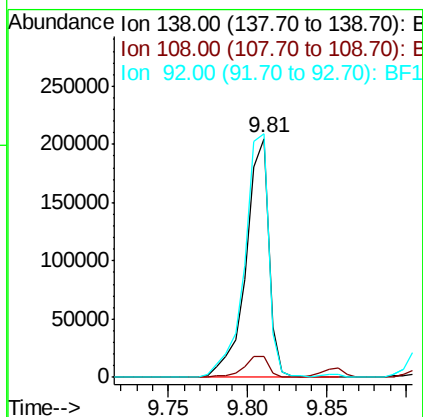
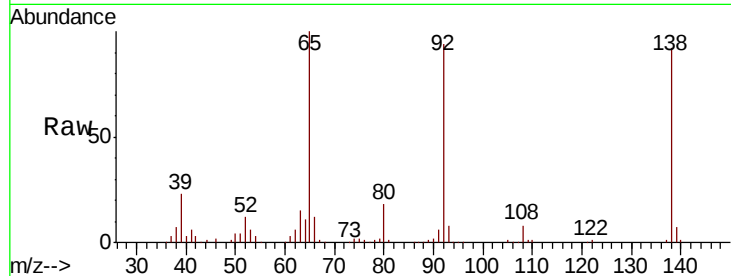




#53
3-Nitroaniline
Concen: 25.613 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

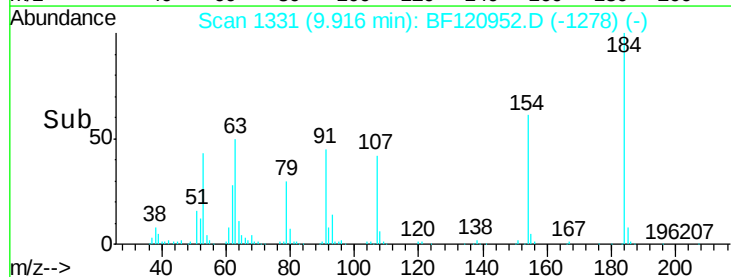
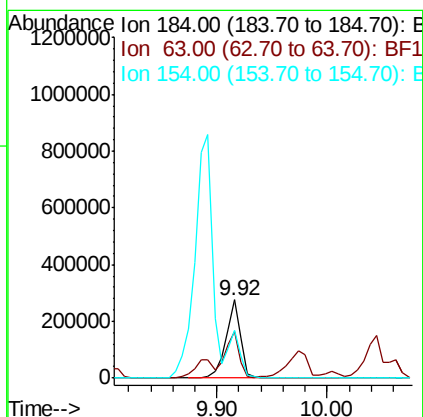
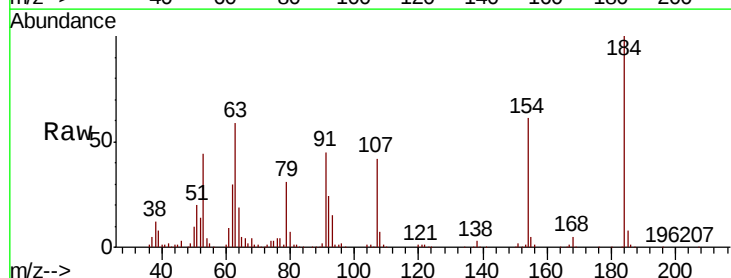
Instrument :
BNA_F
ClientSampleId :
PB130338BS

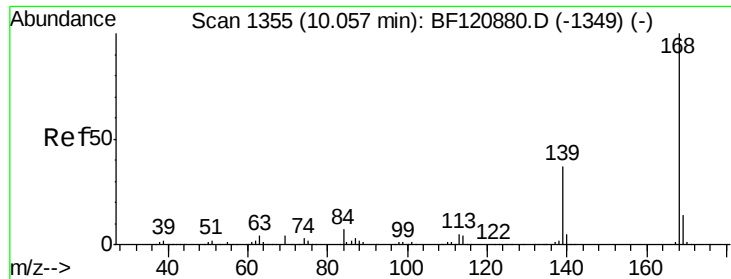
Tot Ion:138 Resp: 204851
Ion Ratio Lower Upper
138 100
108 8.9 7.9 11.9
92 102.1 85.3 127.9



#54
2,4-Dinitrophenol
Concen: 71.486 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

Tgt Ion:184 Resp: 259478
Ion Ratio Lower Upper
184 100
63 59.2 57.9 86.9
154 60.5 52.6 78.8

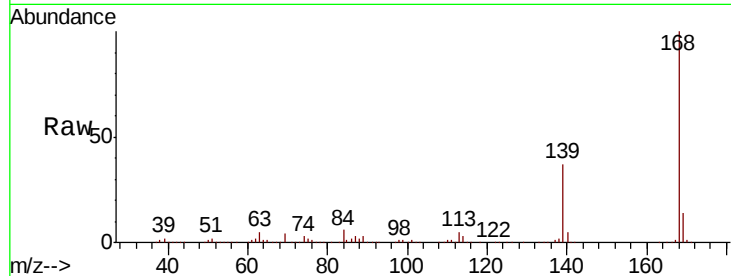




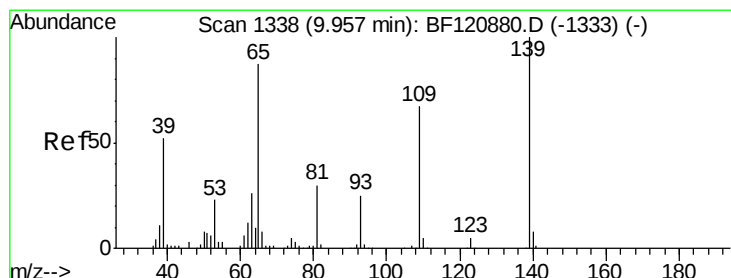
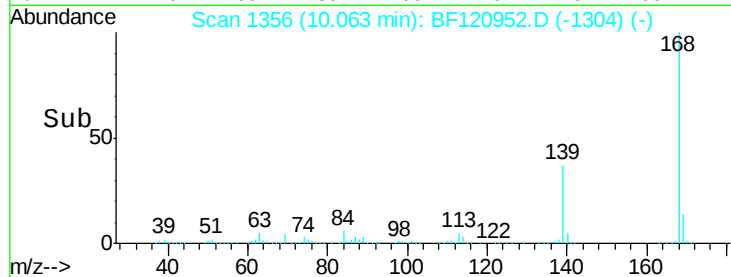
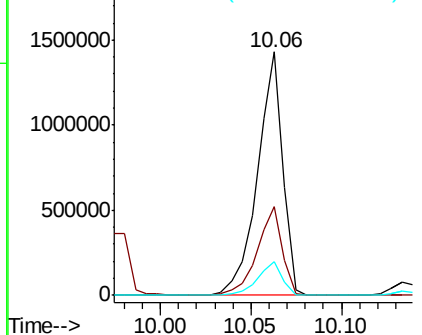
#55
Dibenzenofuran
Concen: 37.750 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

Instrument :
BNA_F
ClientSampleId :
PB130338BS

Tot Ion:168 Resp: 1379618
Ion Ratio Lower Upper
168 100
139 36.7 29.7 44.5
169 13.9 11.1 16.7

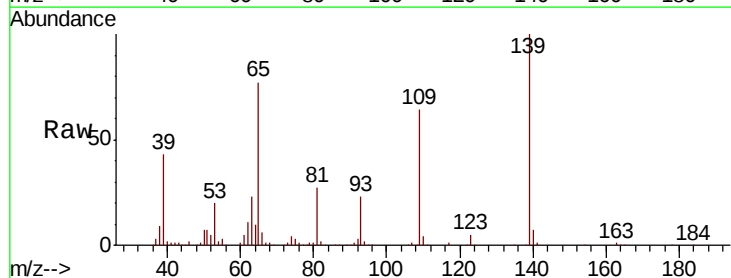


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

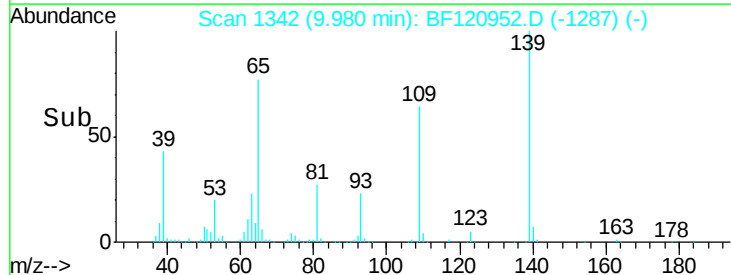
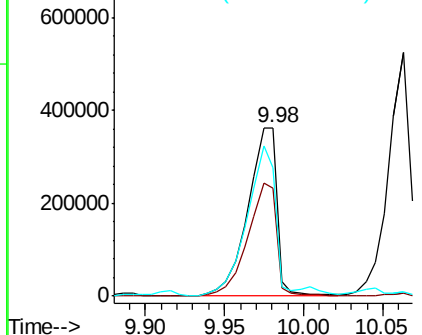


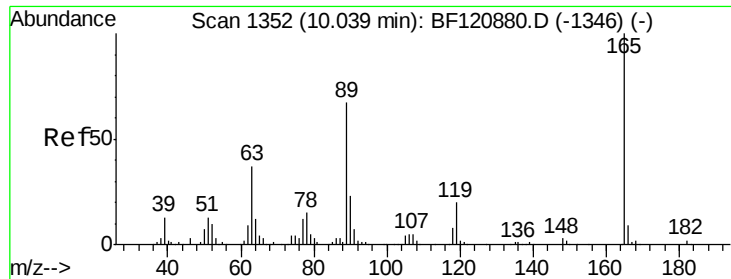
#56
4-Nitrophenol
Concen: 76.867 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

Tgt Ion:139 Resp: 467001
Ion Ratio Lower Upper
139 100
109 64.3 47.3 87.3
65 76.6 67.2 107.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

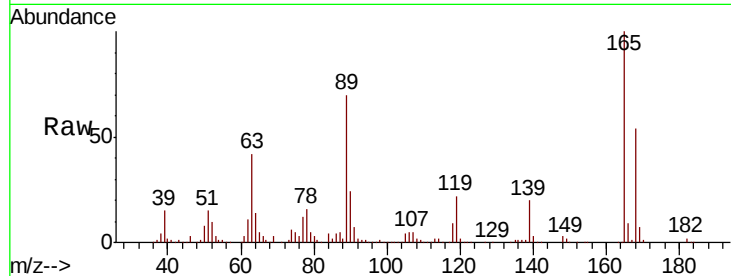




#57
2,4-Dinitrotoluene
Concen: 41.078 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

Instrument :
BNA_F
ClientSampleId :
PB130338BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.8	29.4	44.2
89	69.9	53.4	80.0
182	2.5	1.8	2.6

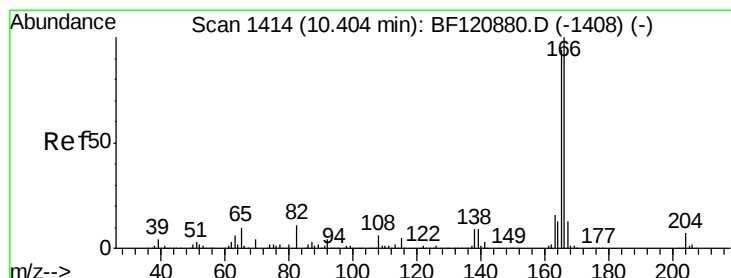
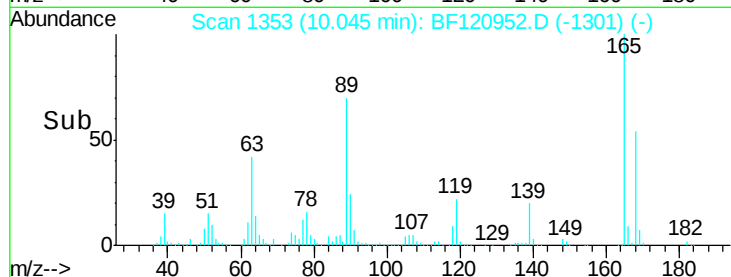
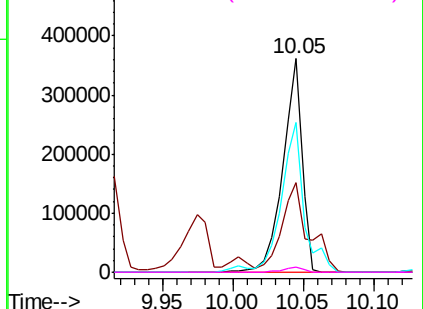


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

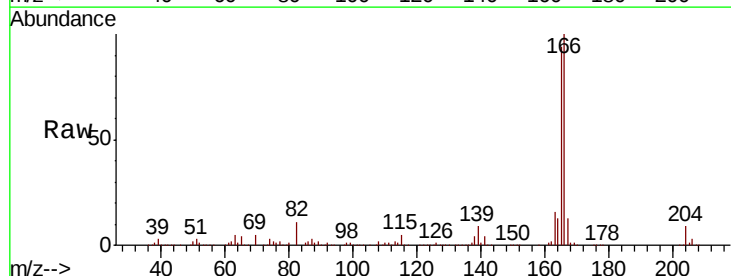
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 36.271 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

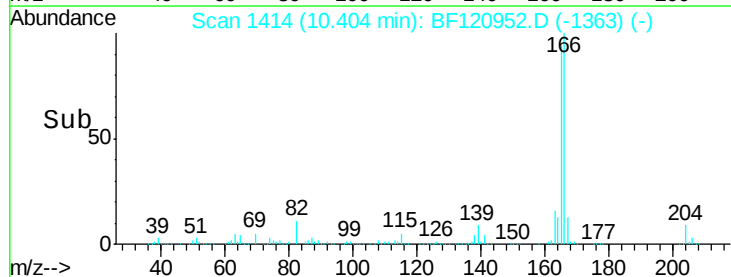
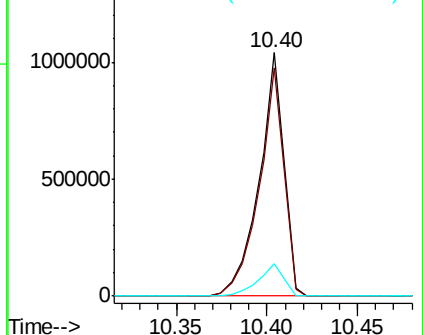
Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.7	75.4	113.0
167	13.4	10.6	15.8

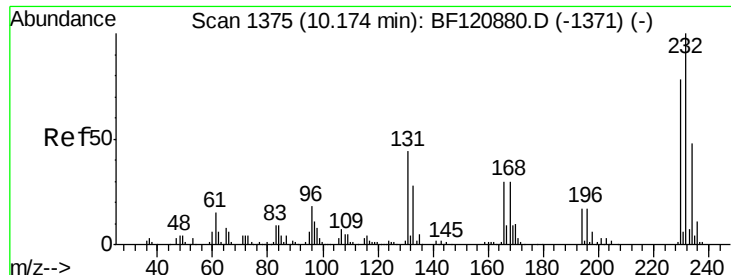


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

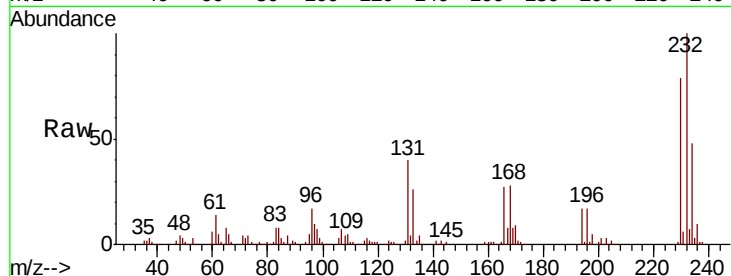




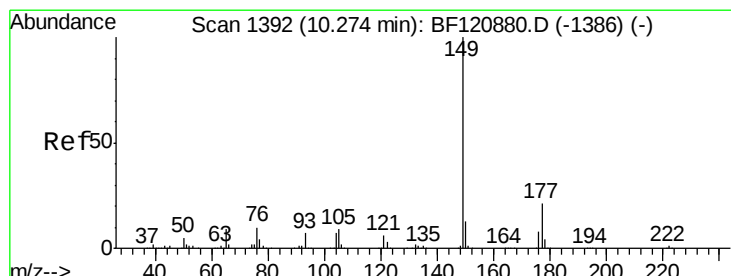
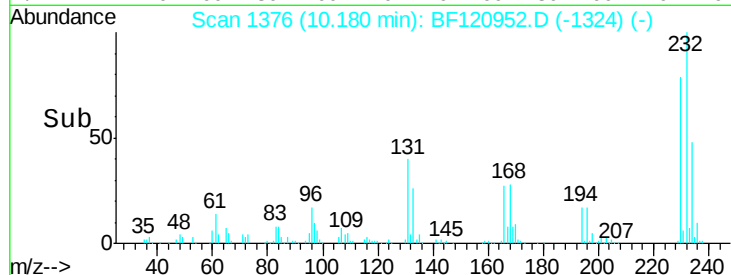
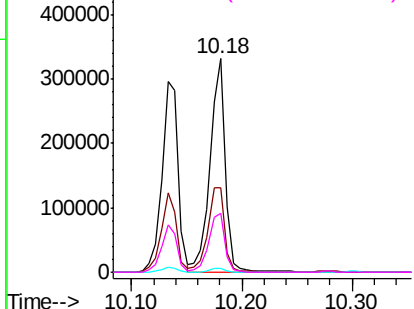
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.335 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF120952.D
 Acq: 21 Jul 2020 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB130338BS

Tot Ion:232 Resp: 308601
 Ion Ratio Lower Upper
 232 100
 131 44.3 37.1 55.7
 130 2.1 1.7 2.5
 166 28.9 24.2 36.4

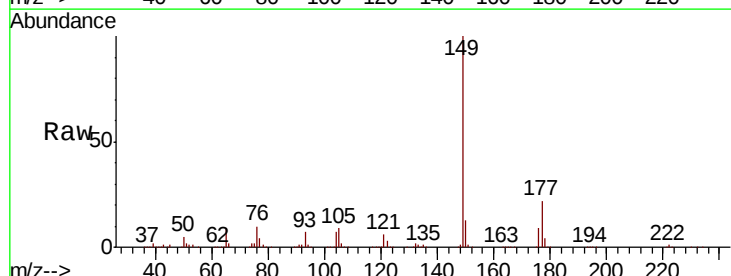


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

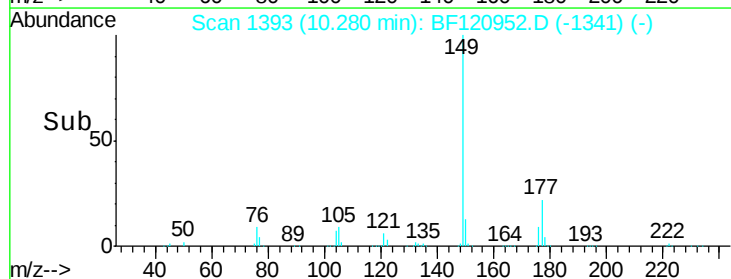
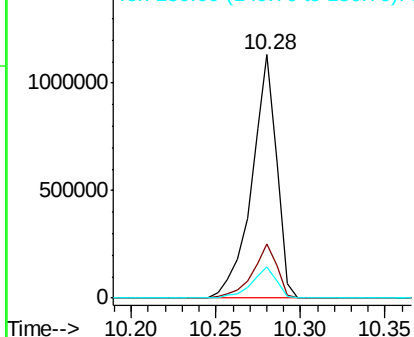


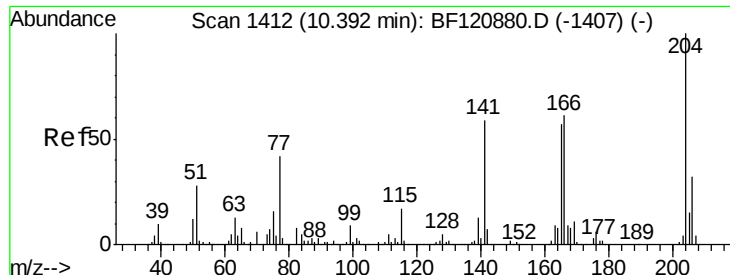
#60
 Diethylphthalate
 Concen: 38.620 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF120952.D
 Acq: 21 Jul 2020 13:17

Tgt Ion:149 Resp: 1159492
 Ion Ratio Lower Upper
 149 100
 177 22.2 17.1 25.7
 150 12.9 10.3 15.5



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

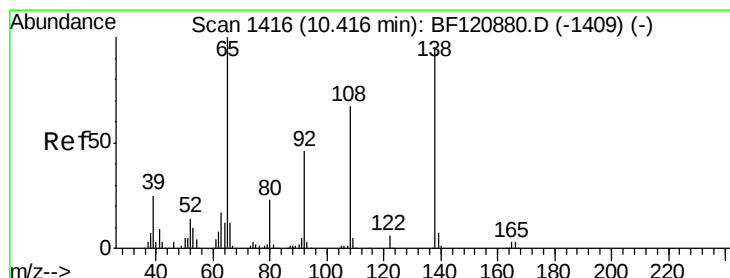
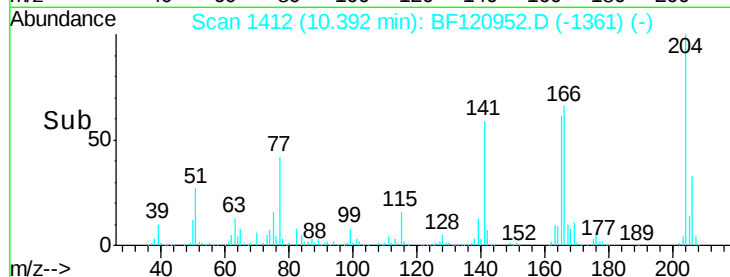
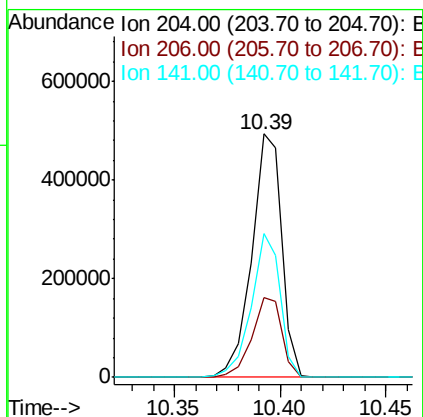
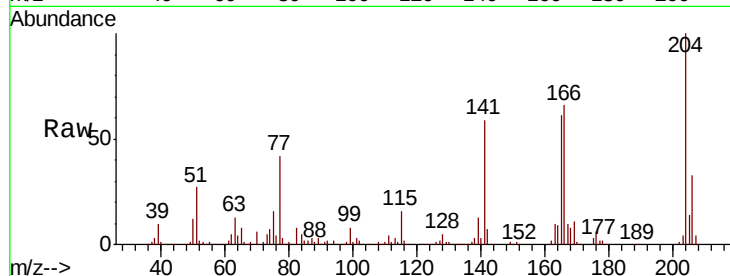




#61
4-Chlorophenyl-phenylether
Concen: 33.554 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

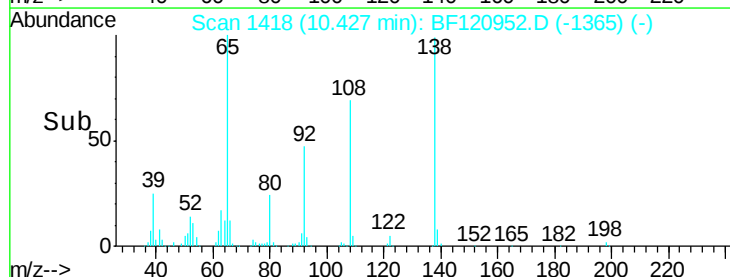
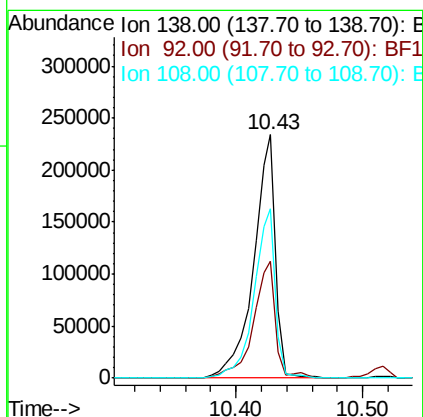
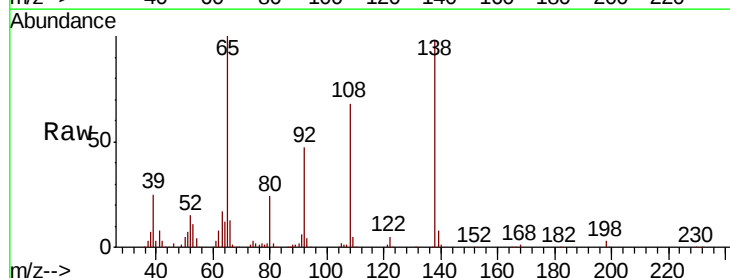
Instrument :
BNA_F
ClientSampleId :
PB130338BS

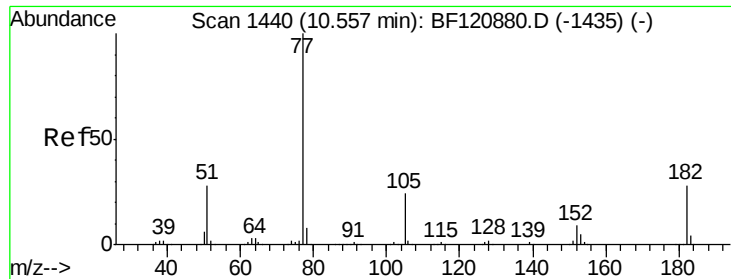
Tot Ion:204 Resp: 487825
Ion Ratio Lower Upper
204 100
206 33.0 25.9 38.9
141 58.9 47.2 70.8



#62
4-Nitroaniline
Concen: 36.248 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

Tgt Ion:138 Resp: 282397
Ion Ratio Lower Upper
138 100
92 47.9 28.6 68.6
108 69.6 51.1 91.1





#63

Azobenzene

Concen: 38.013 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

Instrument :

BNA_F

ClientSampleId :

PB130338BS

Tot Ion: 77 Resp: 1086491

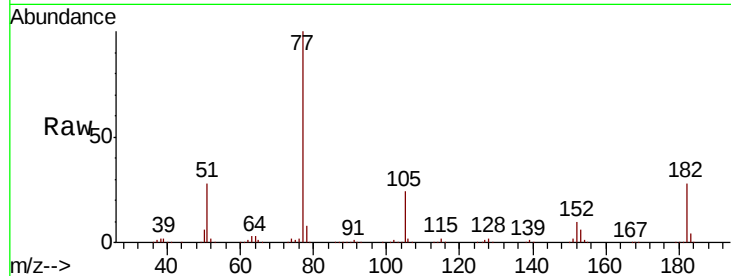
Ion Ratio Lower Upper

77 100

182 27.5 7.8 47.8

105 23.9 4.4 44.4

51 28.2 8.0 48.0

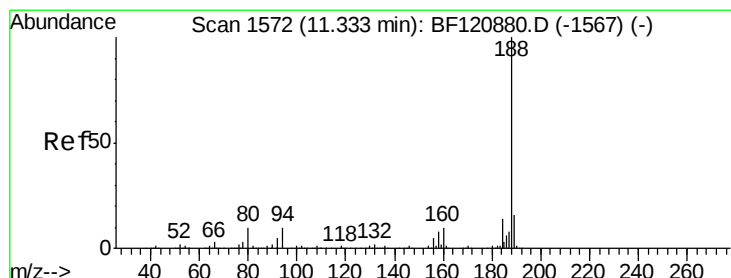
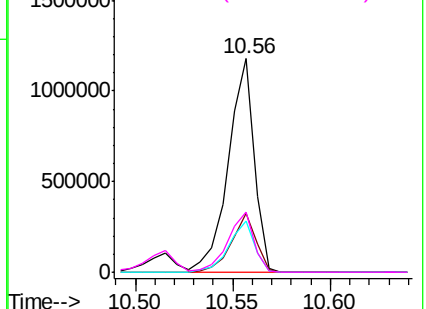
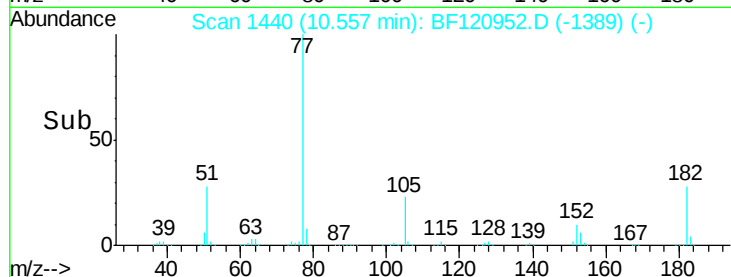


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF120952.D

Acq: 21 Jul 2020 13:17

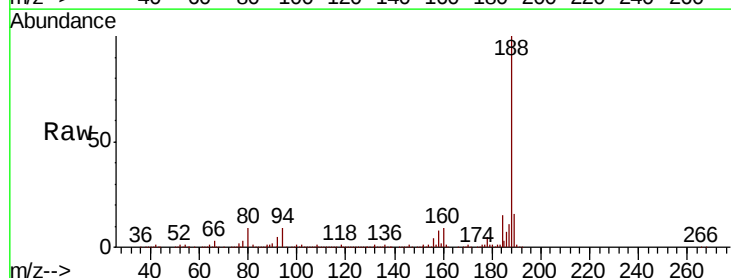
Tgt Ion: 188 Resp: 764786

Ion Ratio Lower Upper

188 100

94 8.9 8.0 12.0

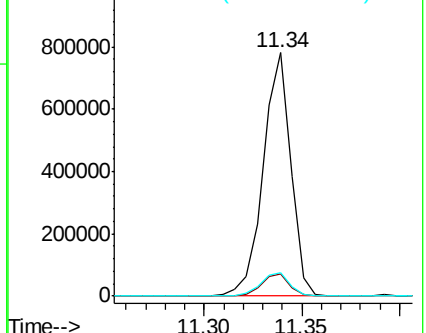
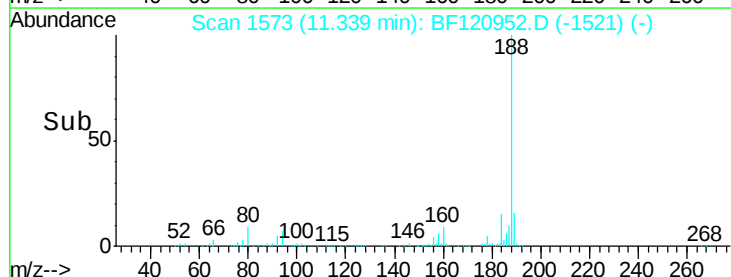
80 9.4 8.3 12.5

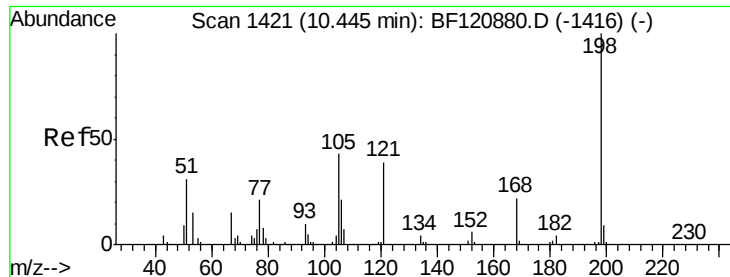


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

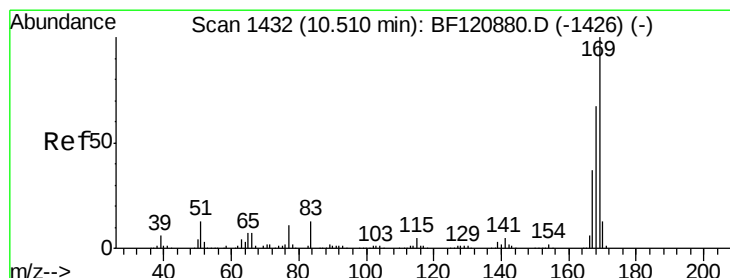
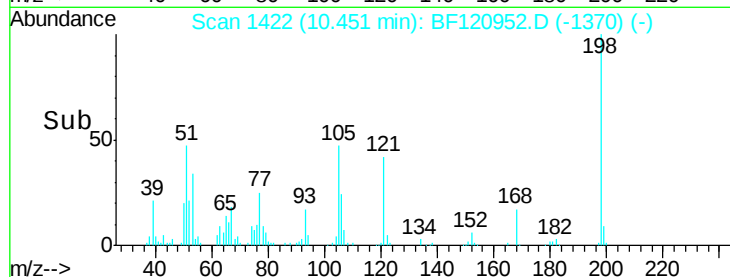
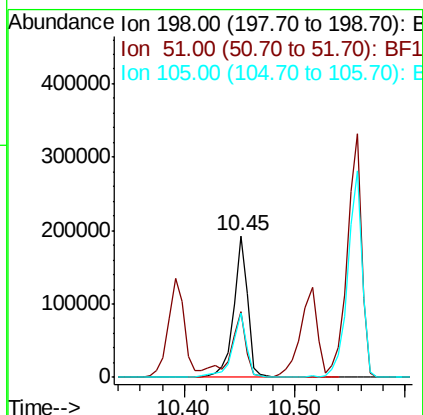
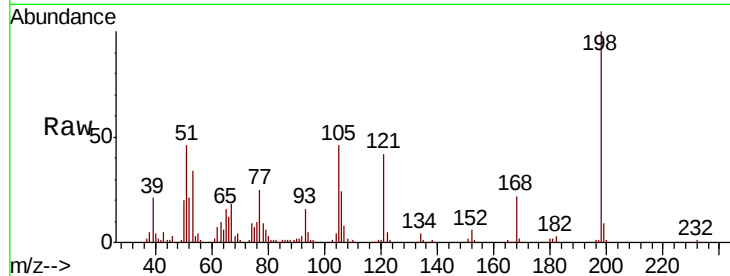




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.634 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF120952.D
 Acq: 21 Jul 2020 13:17

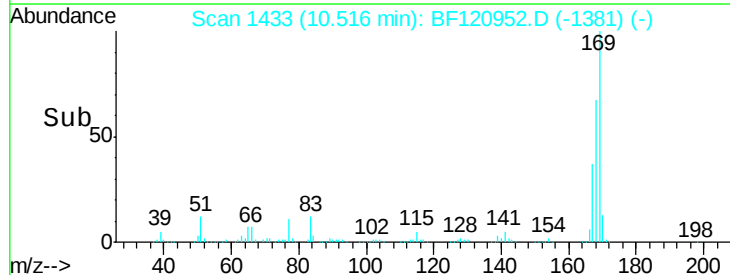
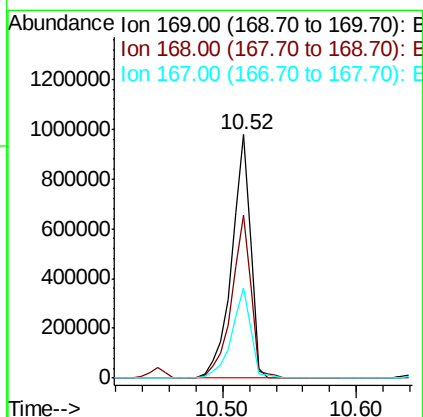
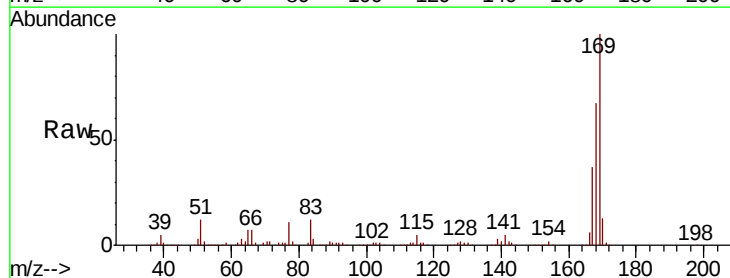
Instrument :
 BNA_F
 ClientSampleId :
 PB130338BS

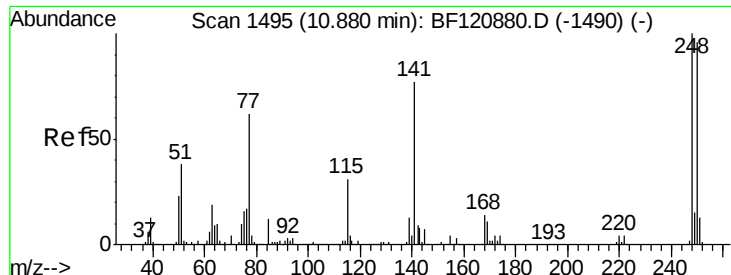
Tot Ion:198 Resp: 172209
 Ion Ratio Lower Upper
 198 100
 51 46.2 19.5 59.5
 105 46.0 24.4 64.4



#66
 n-Nitrosodiphenylamine
 Concen: 40.584 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF120952.D
 Acq: 21 Jul 2020 13:17

Tgt Ion:169 Resp: 976402
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.4 80.0
 167 37.2 29.4 44.0

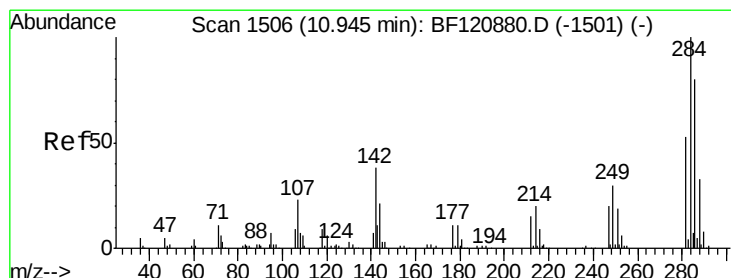
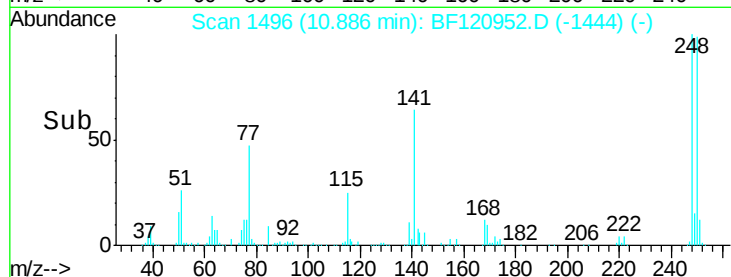
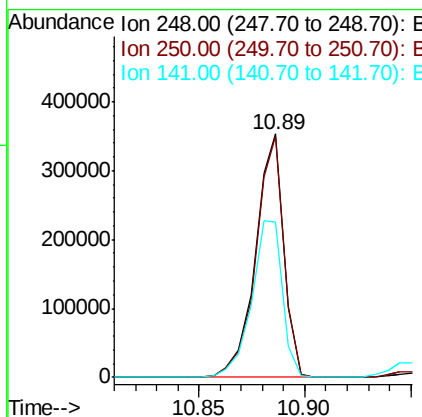
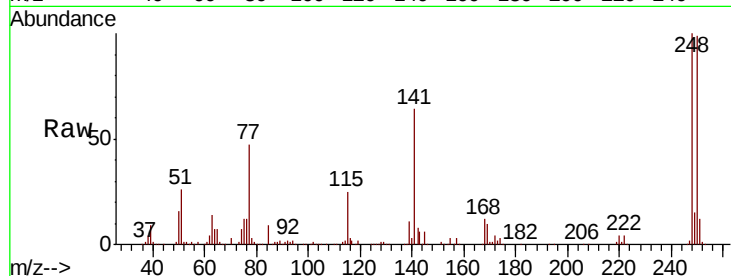




#67
 4-Bromophenyl-phenylether
 Concen: 38.538 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120952.D
 Acq: 21 Jul 2020 13:17

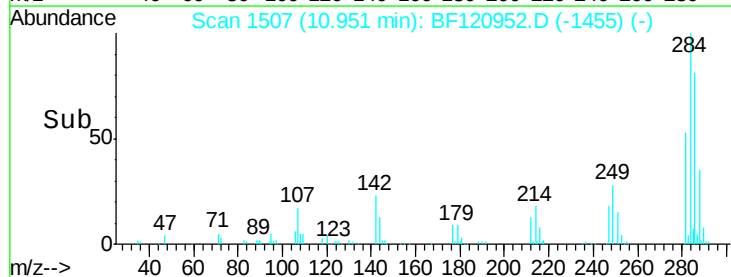
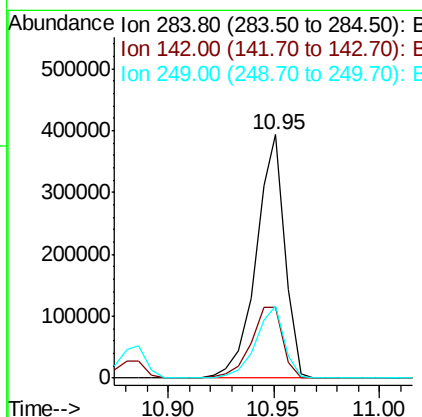
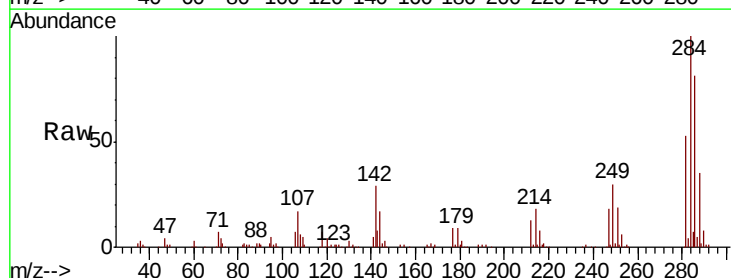
Instrument :
 BNA_F
 ClientSampleId :
 PB130338BS

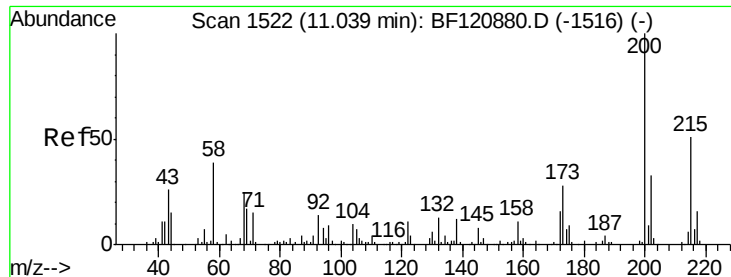
Tot Ion:248 Resp: 328607
 Ion Ratio Lower Upper
 248 100
 250 98.8 77.1 115.7
 141 63.8 61.2 91.8



#68
 Hexachlorobenzene
 Concen: 40.087 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120952.D
 Acq: 21 Jul 2020 13:17

Tgt Ion:284 Resp: 369756
 Ion Ratio Lower Upper
 284 100
 142 29.1 30.2 45.2#
 249 29.8 24.2 36.2





#69

Atrazine

Concen: 45.911 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

Instrument :

BNA_F

ClientSampleId :

PB130338BS

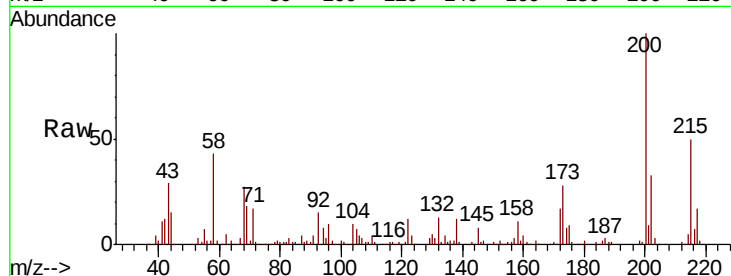
Tot Ion:200 Resp: 273550

Ion Ratio Lower Upper

200 100

173 27.8 8.0 48.0

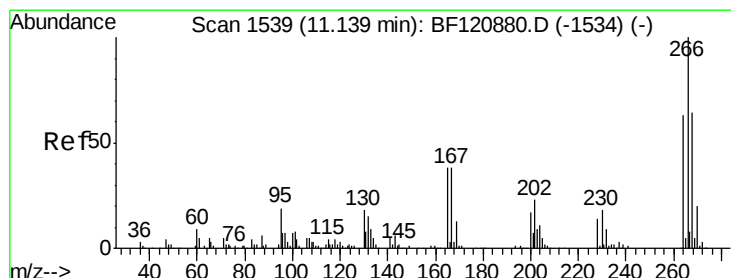
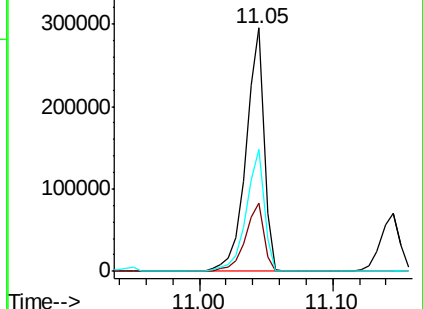
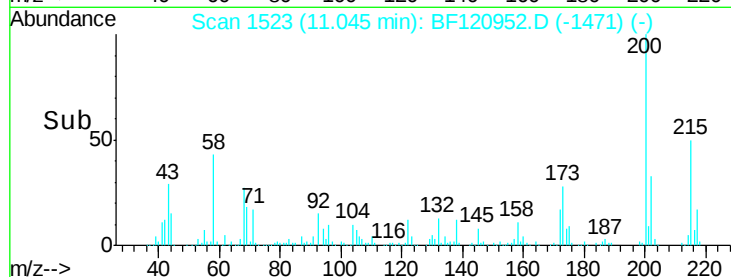
215 50.2 31.5 71.5



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: 80.389 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

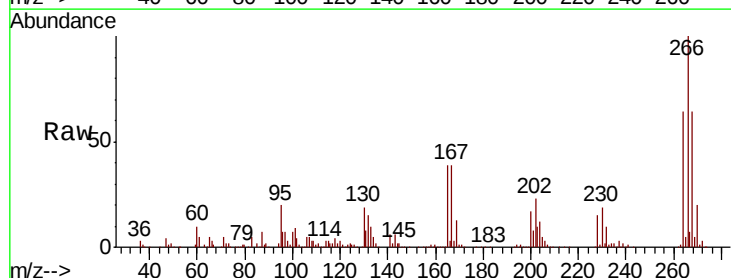
Tgt Ion:266 Resp: 424786

Ion Ratio Lower Upper

266 100

268 64.2 51.1 76.7

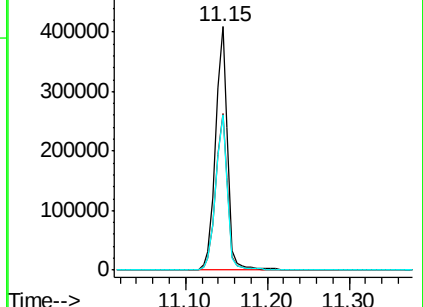
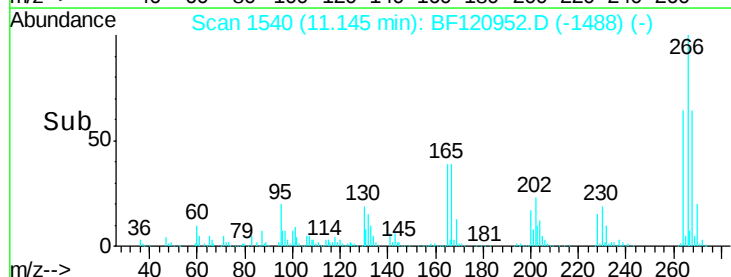
264 63.6 50.2 75.2

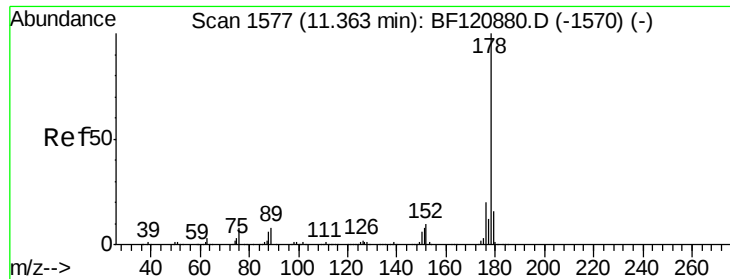


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

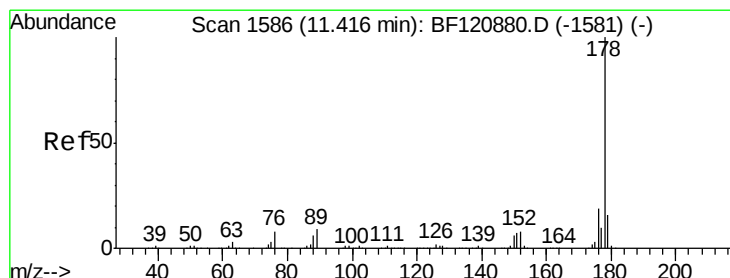
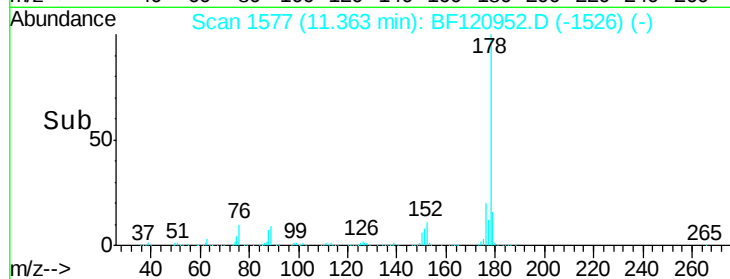
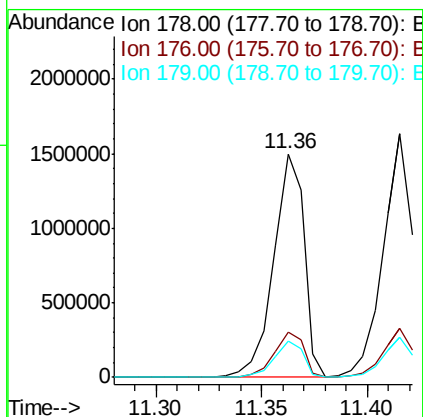
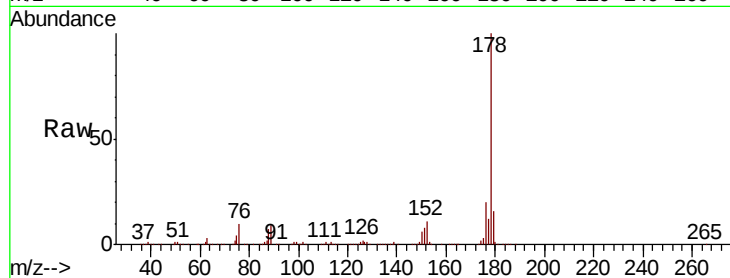




#71
Phenanthrene
Concen: 38.412 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

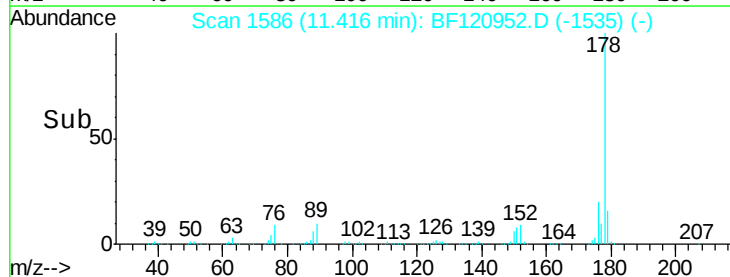
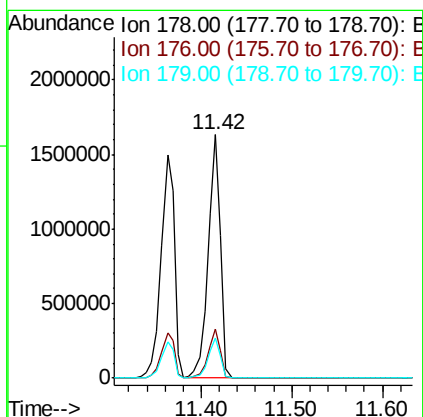
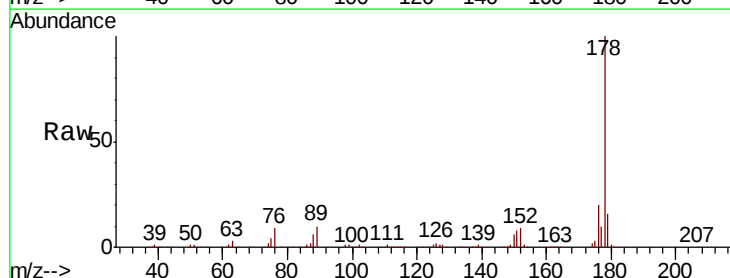
Instrument :
BNA_F
ClientSampleId :
PB130338BS

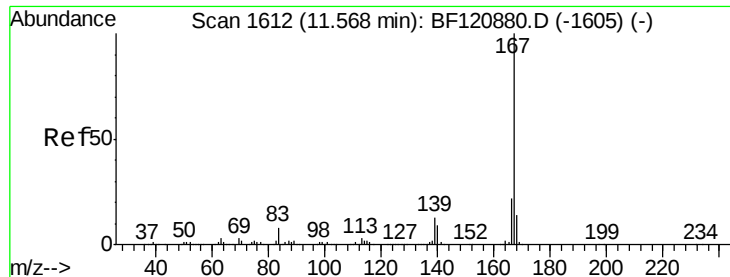
Tot Ion:178 Resp: 1510876
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 16.0 12.8 19.2



#72
Anthracene
Concen: 39.492 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

Tgt Ion:178 Resp: 1559770
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 16.3 12.8 19.2

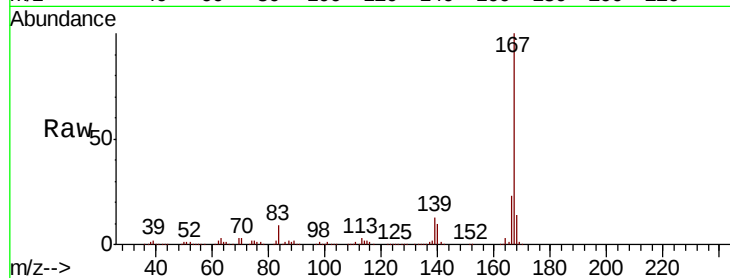




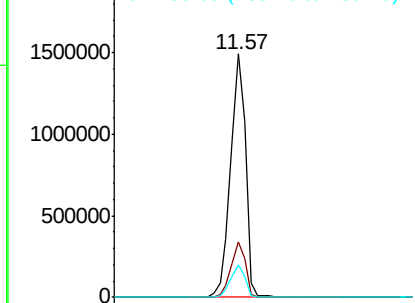
#73
 Carbazole
 Concen: 37.355 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120952.D
 Acq: 21 Jul 2020 13:17

Instrument :
 BNA_F
 ClientSampleId :
 PB130338BS

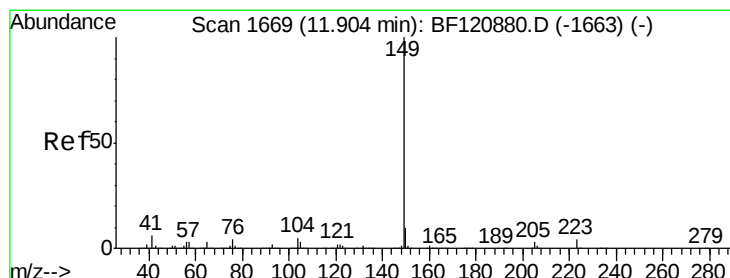
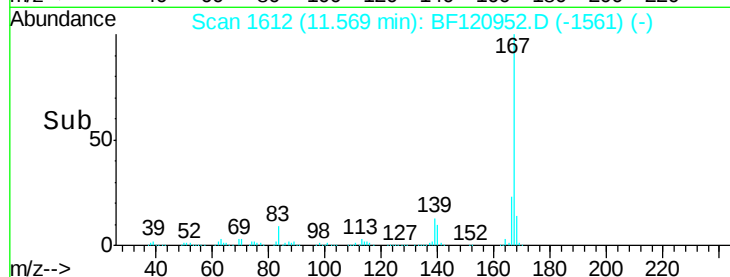
Tot Ion:167 Resp: 1464162
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.7 26.5
 139 13.1 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E
 2000000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

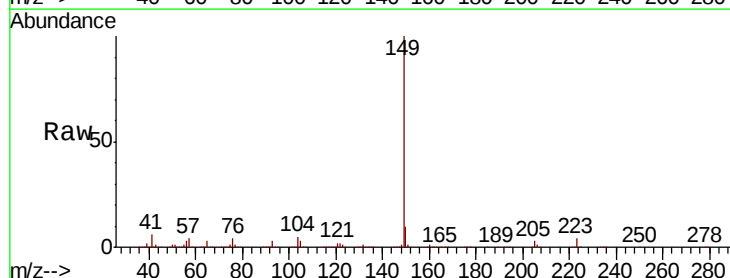


Time-->

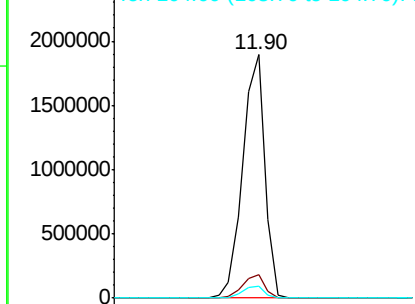


#74
 Di-n-butylphthalate
 Concen: 38.463 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120952.D
 Acq: 21 Jul 2020 13:17

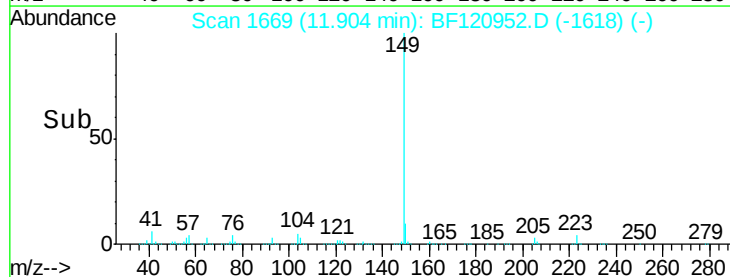
Tgt Ion:149 Resp: 1739782
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 4.8 3.8 5.6

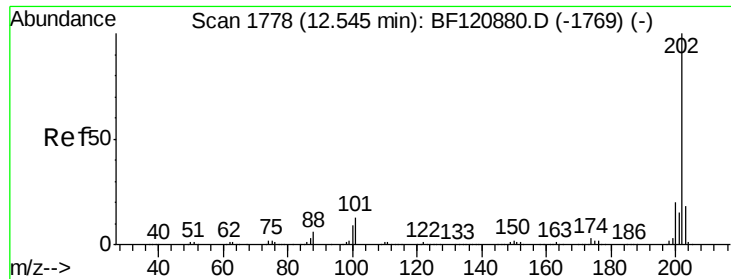


Abundance Ion 149.00 (148.70 to 149.70): E
 2500000 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E



Time-->

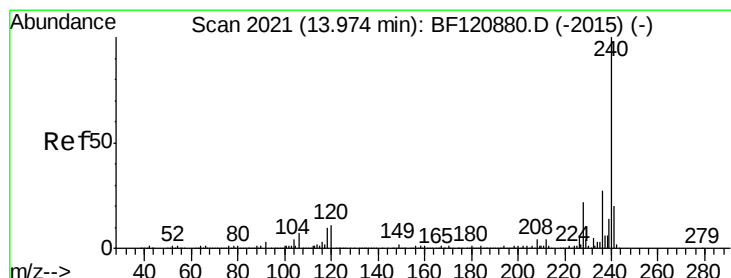
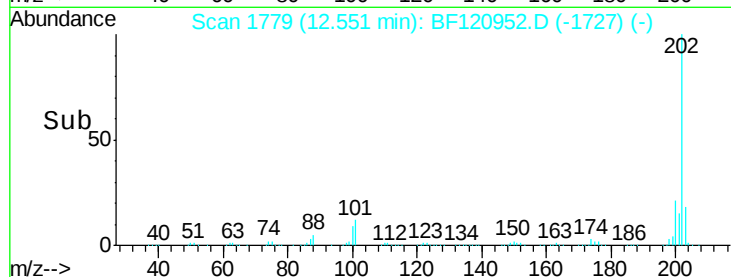
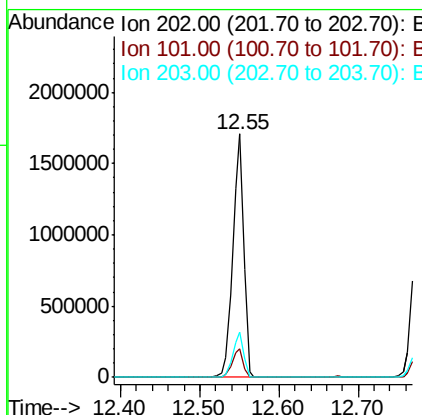
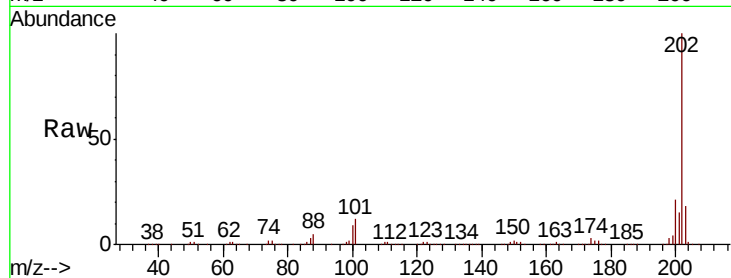




#75
Fluoranthene
Concen: 37.235 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

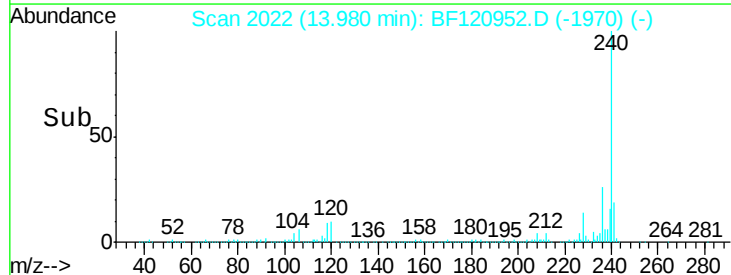
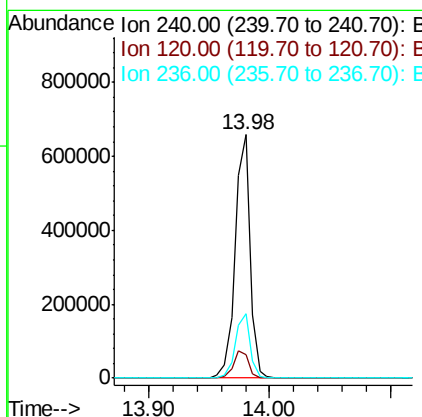
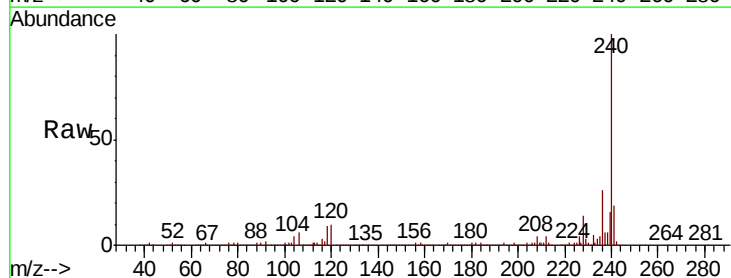
Instrument :
BNA_F
ClientSampleId :
PB130338BS

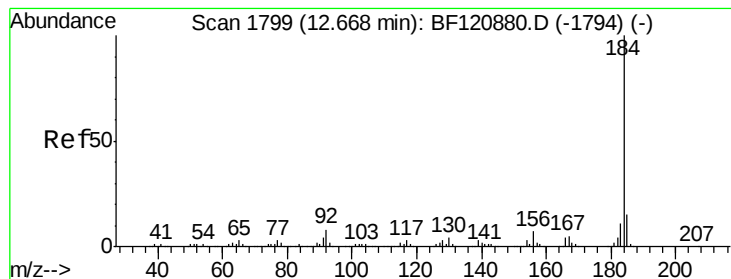
Tot Ion:202 Resp: 1623351
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.7
203 18.5 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

Tgt Ion:240 Resp: 570862
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.4
236 26.4 21.7 32.5





#77

Benzidine

Concen: 72.738 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

Instrument :

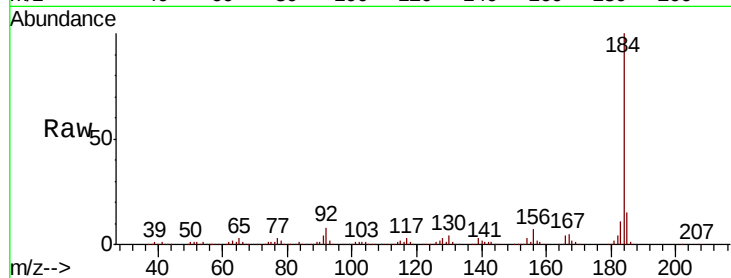
BNA_F

ClientSampleId :

PB130338BS

Tot Ion:184 Resp: 1091721

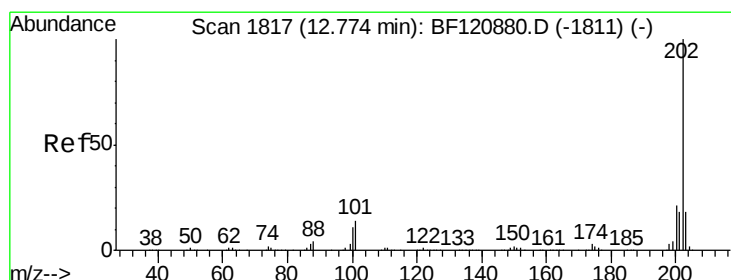
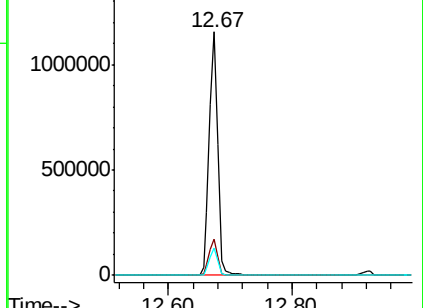
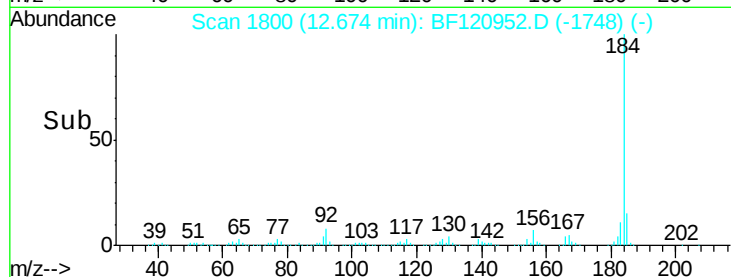
Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.2	18.2
183	11.2	8.5	12.7



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: 42.021 ng

RT: 12.78 min Scan# 1818

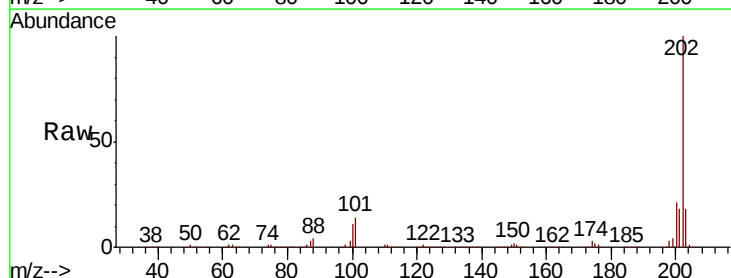
Delta R.T. 0.01 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

Tgt Ion:202 Resp: 1695963

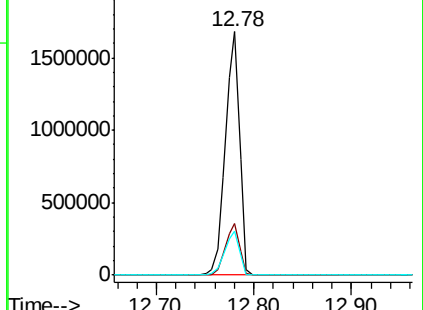
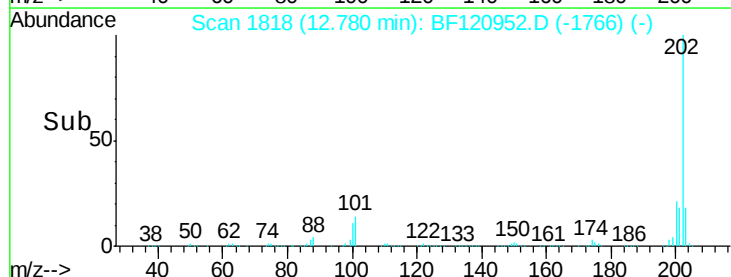
Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	18.3	14.4	21.6

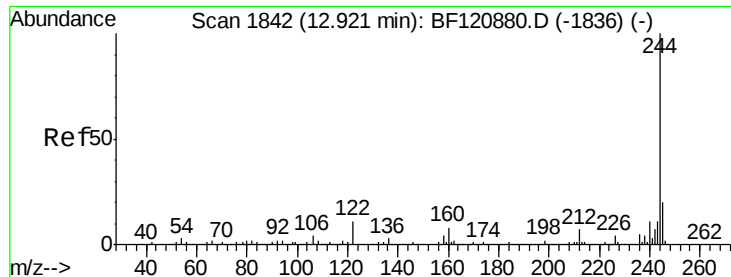


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.495 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

Instrument :

BNA_F

ClientSampleId :

PB130338BS

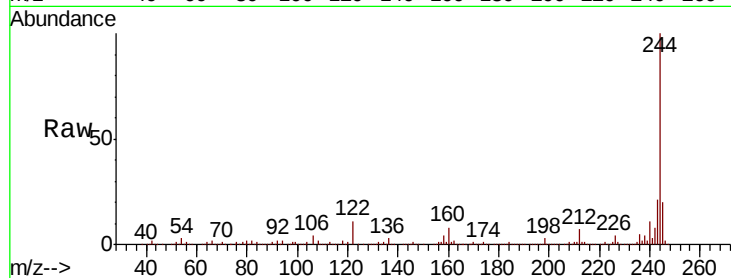
Tot Ion:244 Resp: 1746250

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

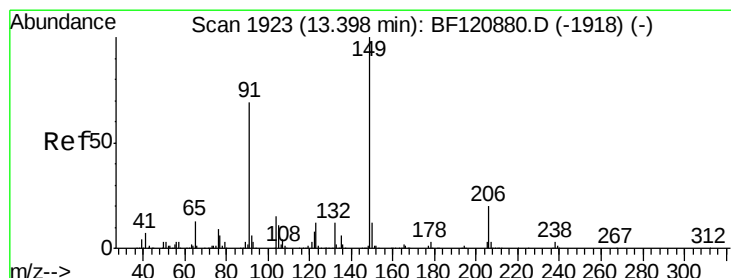
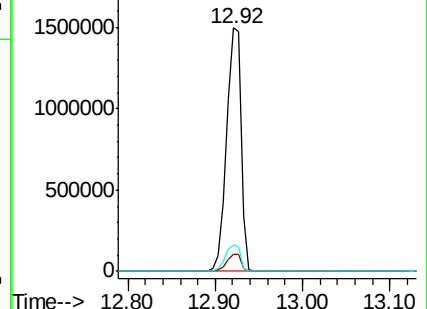
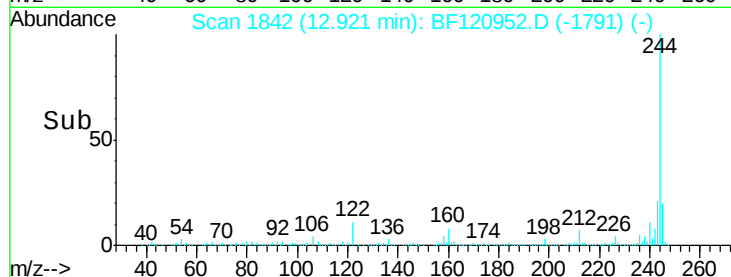
122 10.9 8.9 13.3



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: 42.453 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

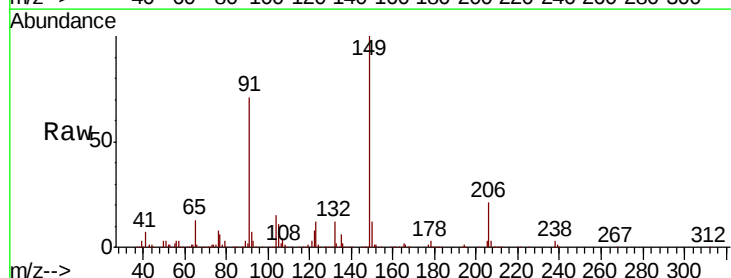
Tgt Ion:149 Resp: 763808

Ion Ratio Lower Upper

149 100

91 70.5 55.1 82.7

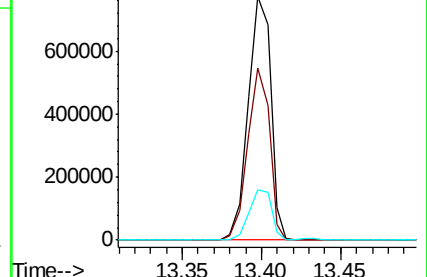
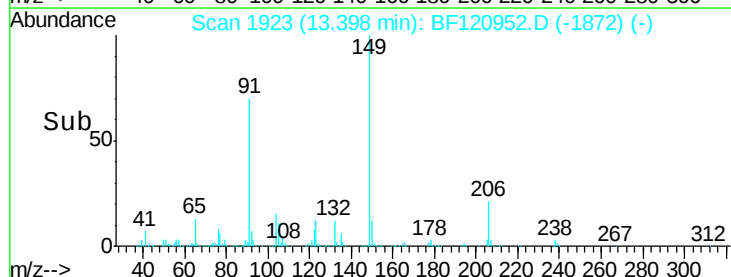
206 20.8 16.1 24.1

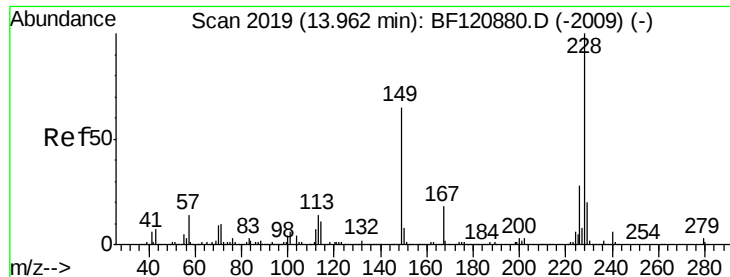


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.072 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

Instrument :

BNA_F

ClientSampleId :

PB130338BS

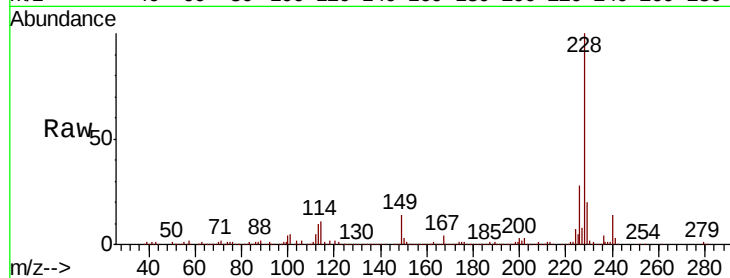
Tot Ion:228 Resp: 1350669

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.3	33.5
229	20.4	16.1	24.1

228 100

226 28.5 22.3 33.5

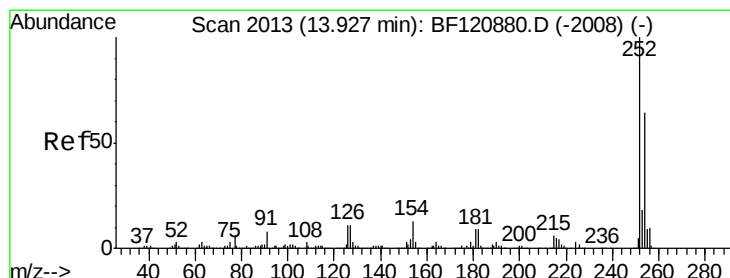
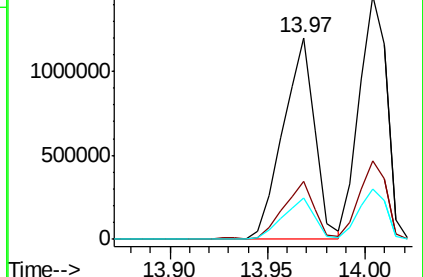
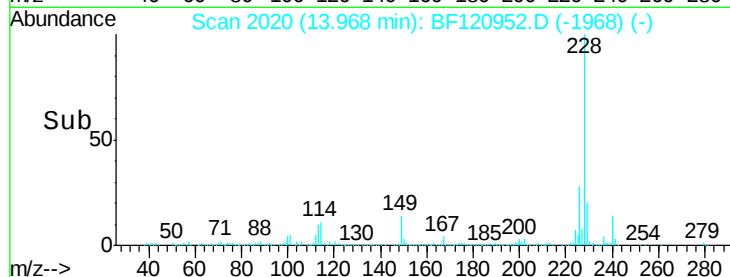
229 20.4 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.203 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

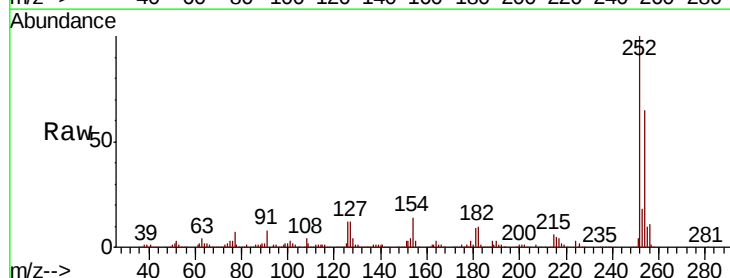
Tgt Ion:252 Resp: 472156

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.2	76.8
126	12.4	8.7	13.1

252 100

254 64.7 51.2 76.8

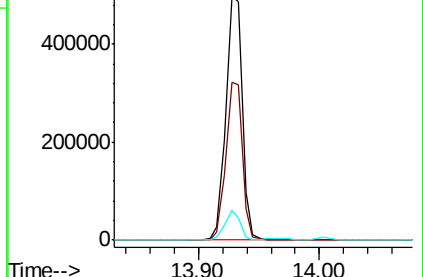
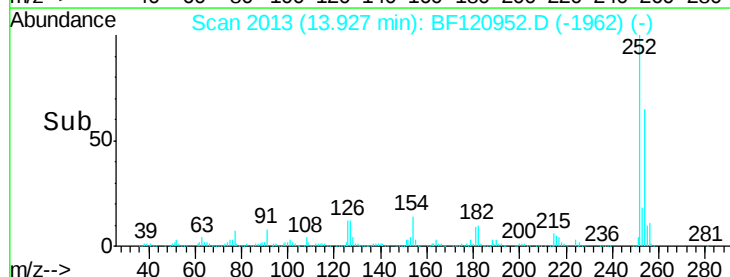
126 12.4 8.7 13.1

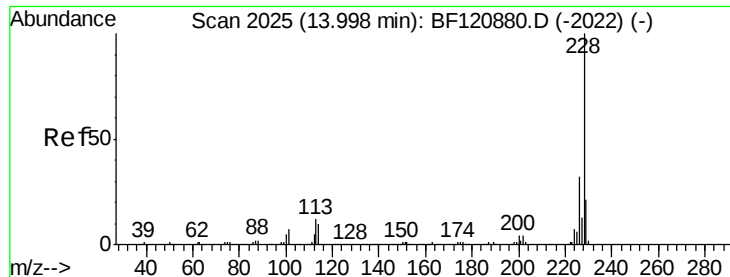


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 39.186 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

Instrument :

BNA_F

ClientSampleId :

PB130338BS

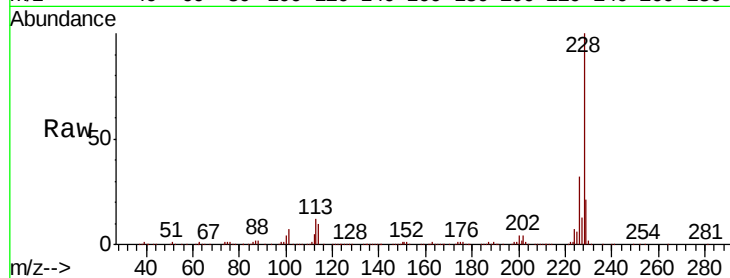
Tot Ion:228 Resp: 1423527

Ion Ratio Lower Upper

228 100

226 32.3 25.6 38.4

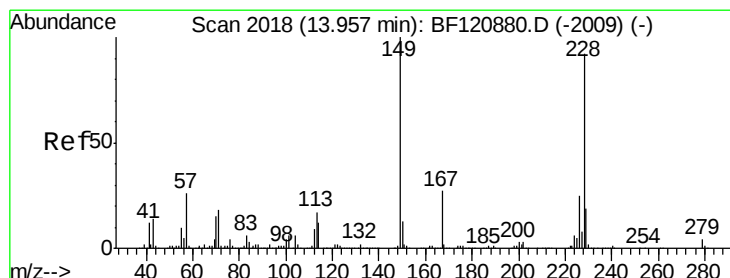
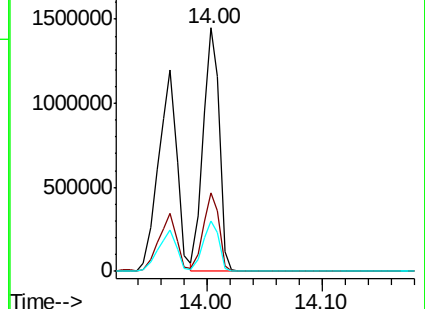
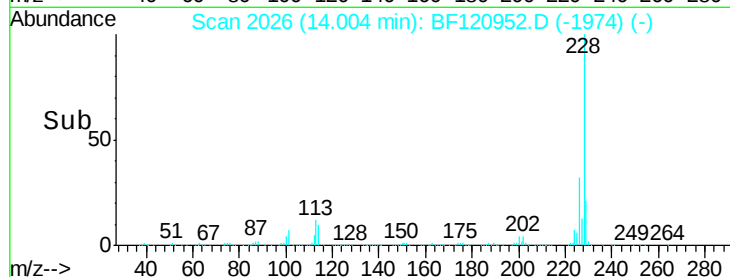
229 20.8 16.8 25.2



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: 40.044 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

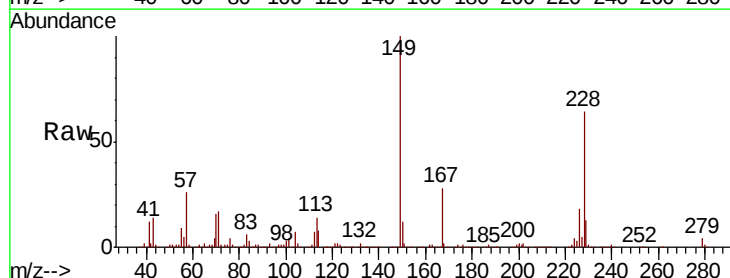
Tgt Ion:149 Resp: 888433

Ion Ratio Lower Upper

149 100

167 27.5 21.9 32.9

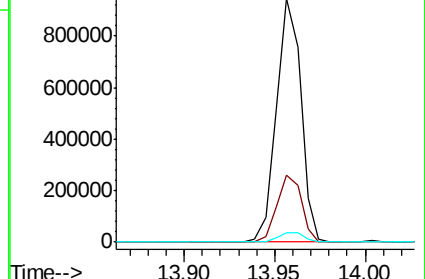
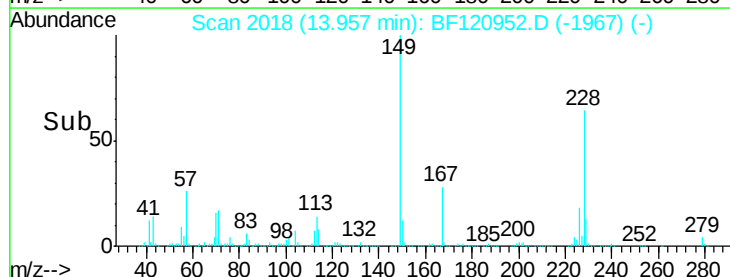
279 3.9 3.0 4.4

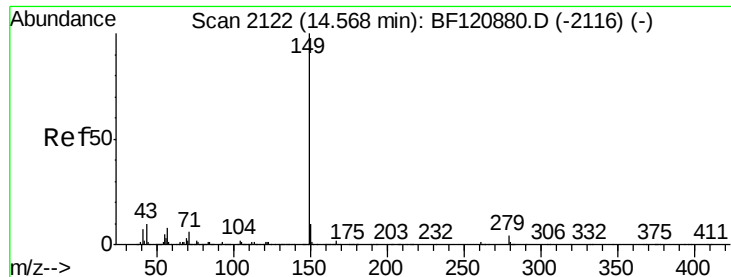


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.773 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

Instrument :

BNA_F

ClientSampleId :

PB130338BS

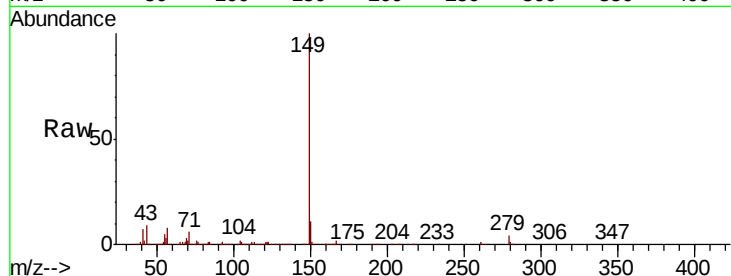
Tot Ion:149 Resp: 1755582

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

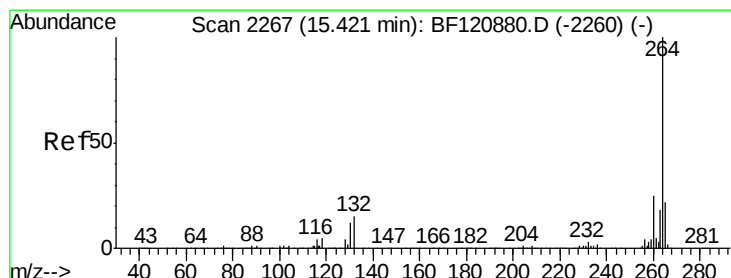
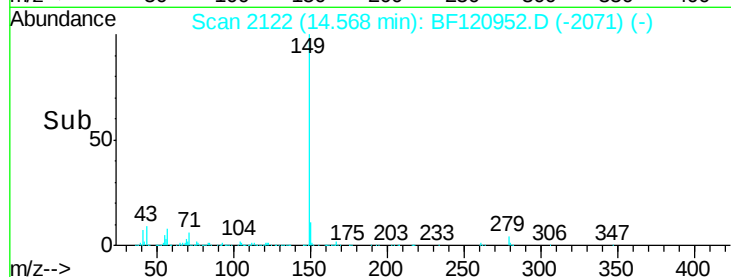
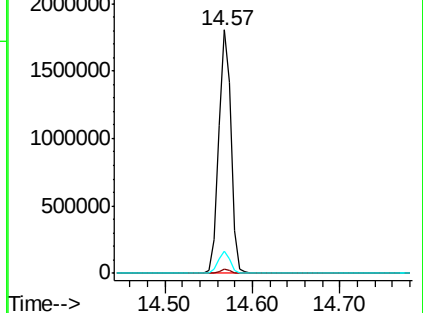
43 8.9 7.6 11.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BF120952.D

Acq: 21 Jul 2020 13:17

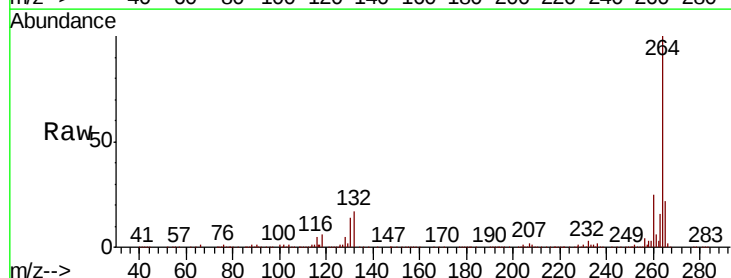
Tgt Ion:264 Resp: 568765

Ion Ratio Lower Upper

264 100

260 24.9 20.0 30.0

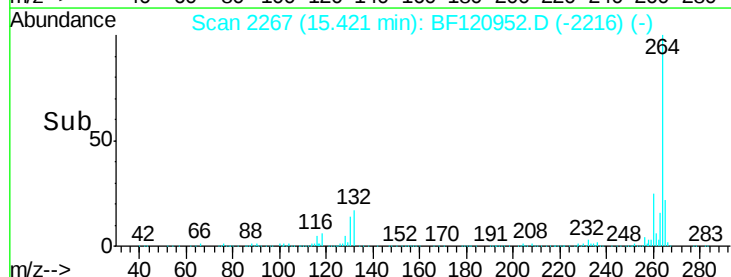
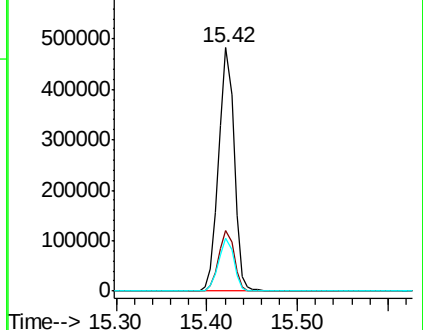
265 21.8 17.4 26.2

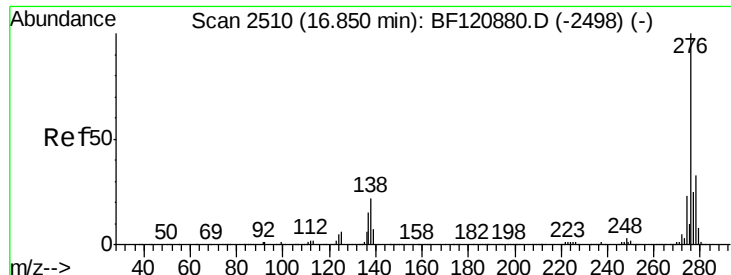


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

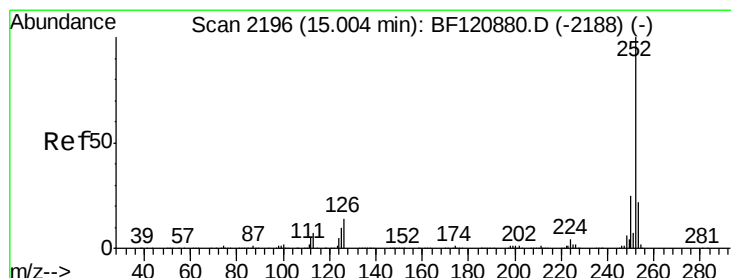
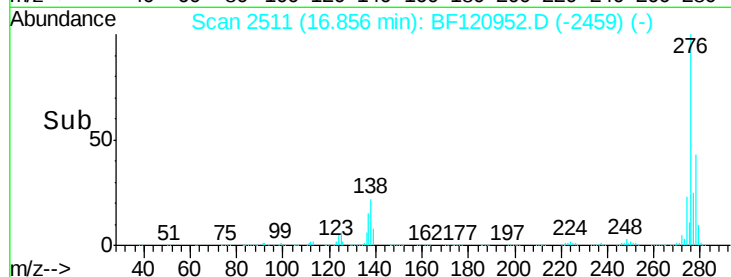
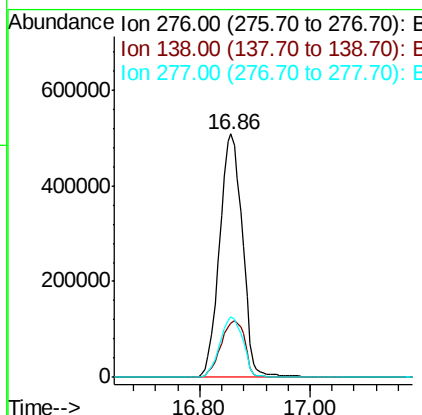
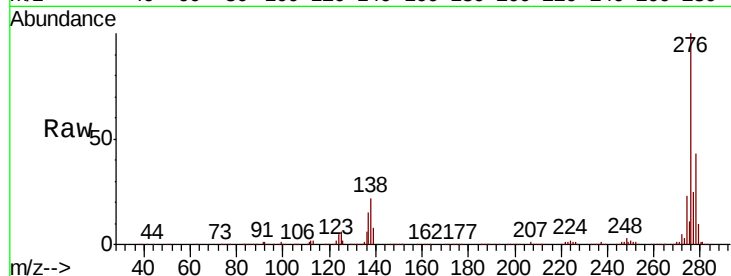




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.449 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.01 min
 Lab File: BF120952.D
 Acq: 21 Jul 2020 13:17

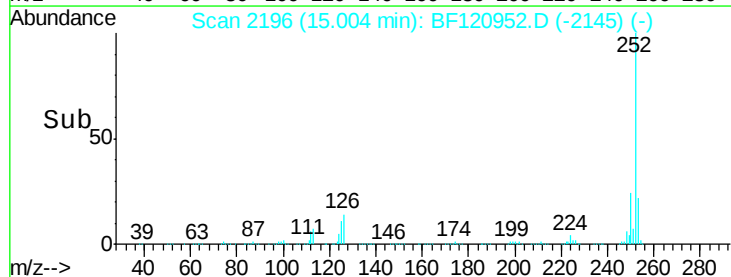
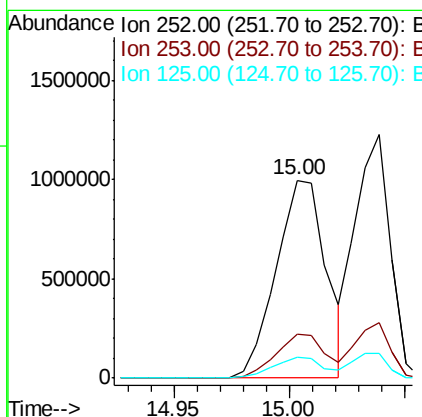
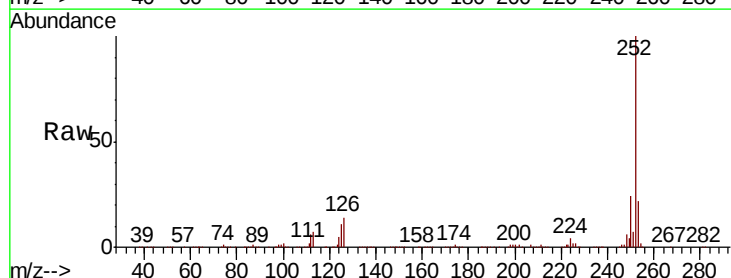
Instrument :
 BNA_F
 ClientSampleId :
 PB130338BS

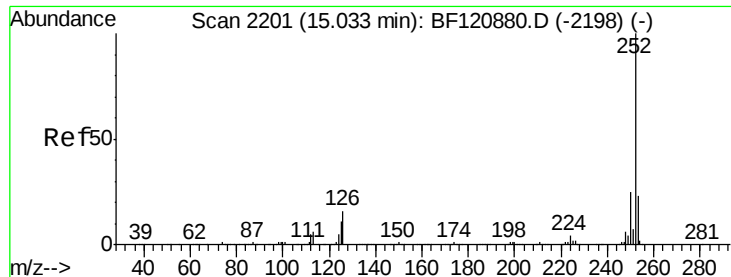
Tot Ion:276 Resp: 1481302
 Ion Ratio Lower Upper
 276 100
 138 24.5 19.8 29.8
 277 25.4 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 43.761 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120952.D
 Acq: 21 Jul 2020 13:17

Tgt Ion:252 Resp: 1504484
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.0 27.0
 125 10.6 8.3 12.5

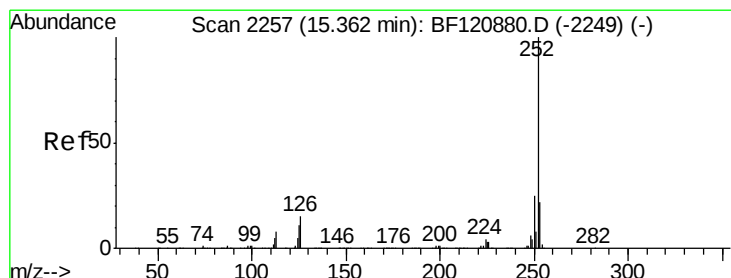
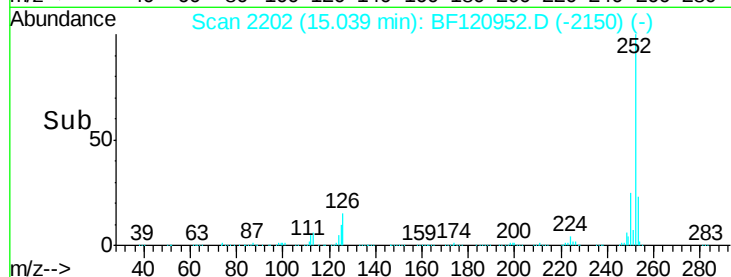
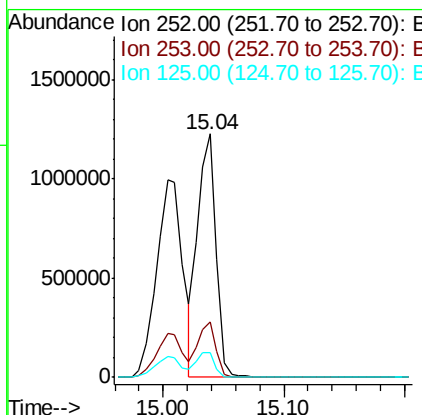
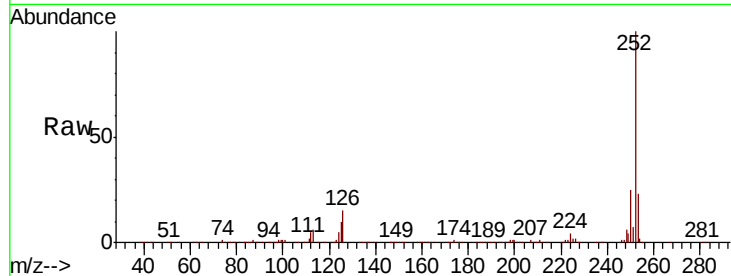




#89
Benzo(k)fluoranthene
Concen: 41.284 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

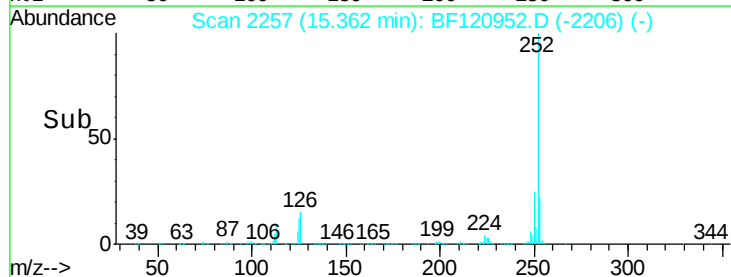
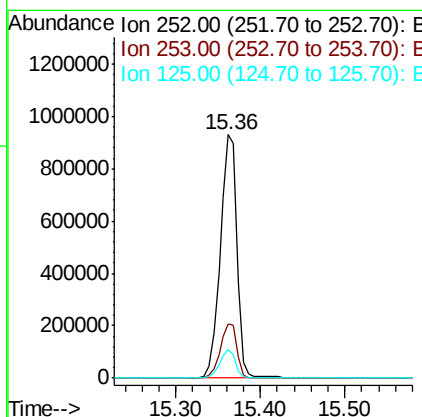
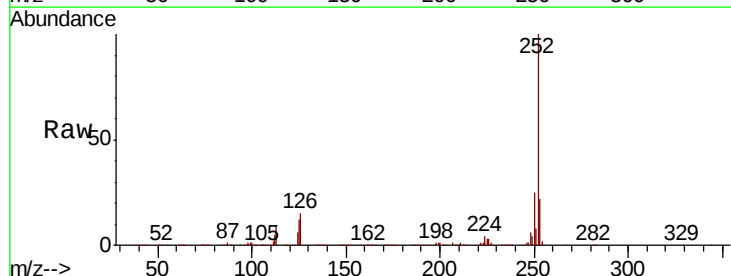
Instrument :
BNA_F
ClientSampleId :
PB130338BS

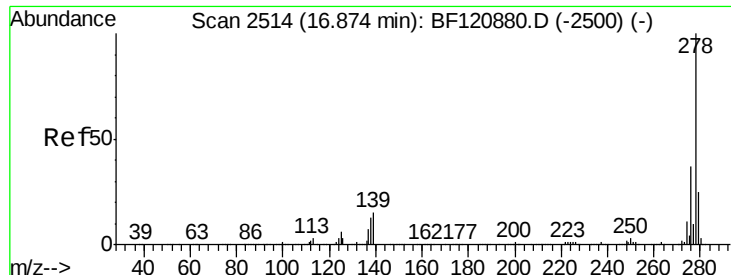
Tot Ion:252 Resp: 1294429
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 10.1 8.4 12.6



#90
Benzo(a)pyrene
Concen: 40.913 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

Tgt Ion:252 Resp: 1283327
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 11.6 8.9 13.3

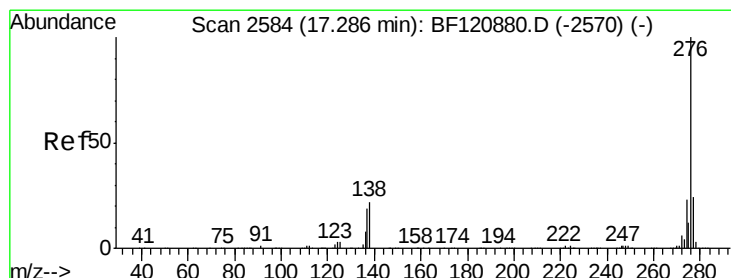
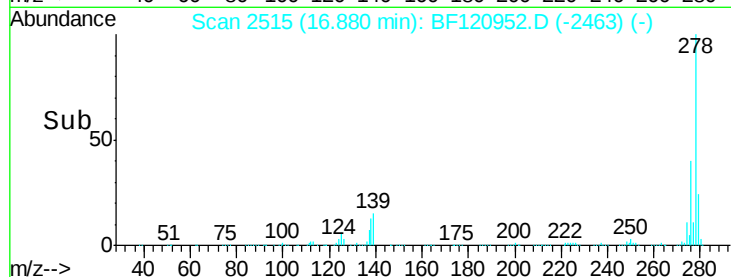
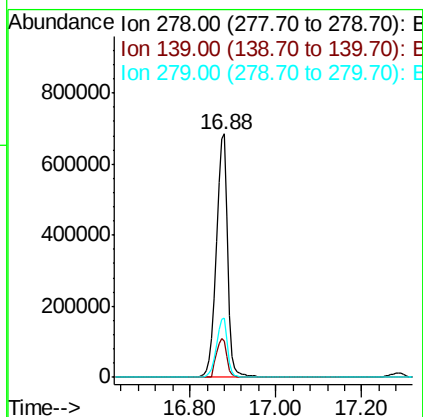
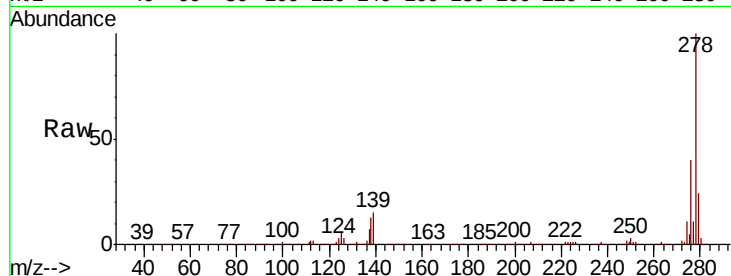




#91
Dibenzo(a,h)anthracene
Concen: 38.386 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.01 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

Instrument :
BNA_F
ClientSampleId :
PB130338BS

Tot Ion:278 Resp: 1240301
Ion Ratio Lower Upper
278 100
139 15.1 12.3 18.5
279 24.1 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 38.601 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF120952.D
Acq: 21 Jul 2020 13:17

Tgt Ion:276 Resp: 1229775
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 20.7 17.5 26.3

