

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
 Data File : BF121098.D
 Acq On : 29 Jul 2020 13:07
 Operator : JU/CG
 Sample : PB130545BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

Quant Time: Jul 29 15:04:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	164343	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	606457	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	302081	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	563542	20.00	ng	0.00
76) Chrysene-d12	13.96	240	417213	20.00	ng	0.00
86) Perylene-d12	15.40	264	414540	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	773609	77.17	ng	0.01
7) Phenol-d6	6.44	99	936842	72.35	ng	0.00
23) Nitrobenzene-d5	7.37	82	861293	82.18	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	278940	84.36	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1536515	75.94	ng	0.00
79) Terphenyl-d14	12.91	244	1585988	82.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	155925	33.796	ng	99
3) Pyridine	3.33	79	370204	30.163	ng	99
4) n-Nitrosodimethylamine	3.27	42	192341	36.649	ng	96
6) Aniline	6.46	93	520950	30.819	ng	95
8) 2-Chlorophenol	6.59	128	436484	39.523	ng	97
9) Benzaldehyde	6.35	77	290284	49.121	ng	99
10) Phenol	6.46	94	520980	36.573	ng	98
11) bis(2-Chloroethyl)ether	6.54	93	410953	37.643	ng	99
12) 1,3-Dichlorobenzene	6.75	146	446759	37.307	ng	99
13) 1,4-Dichlorobenzene	6.82	146	448518	37.666	ng	99
14) 1,2-Dichlorobenzene	6.97	146	414979	36.837	ng	99
15) Benzyl Alcohol	6.95	79	321998	35.161	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	566442	35.998	ng	100
17) 2-Methylphenol	7.06	107	345043	35.250	ng	99
18) Hexachloroethane	7.32	117	169166	39.251	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	260443	35.369	ng	99
20) 3+4-Methylphenols	7.22	107	391181	31.416	ng	96
22) Acetophenone	7.21	105	538286	39.549	ng	97
24) Nitrobenzene	7.39	77	427687	37.861	ng	99
25) Isophorone	7.63	82	790468	37.790	ng	98
26) 2-Nitrophenol	7.70	139	228716	42.631	ng	98
27) 2,4-Dimethylphenol	7.75	122	370129	42.492	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	508633	39.835	ng	100
29) 2,4-Dichlorophenol	7.95	162	346667	38.947	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	382207	38.703	ng	98
31) Naphthalene	8.11	128	1194276	38.391	ng	100
32) Benzoic acid	7.87	122	239875	36.685	ng	99
33) 4-Chloroaniline	8.16	127	365608	26.346	ng	99
34) Hexachlorobutadiene	8.23	225	223627	38.413	ng	100
35) Caprolactam	8.53	113	70665	24.756	ng	89
36) 4-Chloro-3-methylphenol	8.65	107	354504	38.833	ng	96
37) 2-Methylnaphthalene	8.80	142	801847	39.698	ng	100
38) 1-Methylnaphthalene	8.90	142	752132	39.316	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	360712	40.984	ng	99

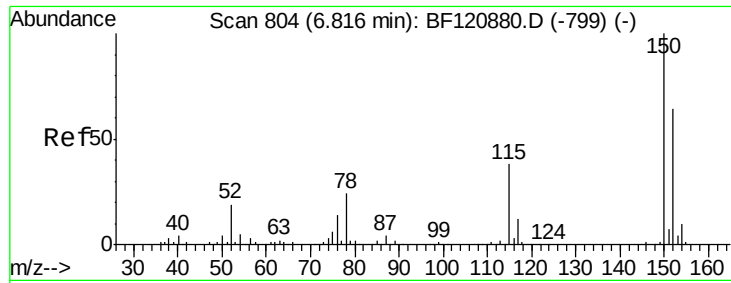
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
 Data File : BF121098.D
 Acq On : 29 Jul 2020 13:07
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Instrument :
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Quant Time: Jul 29 15:04:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	420423	86.430	ng	99
43) 2,4,6-Trichlorophenol	9.08	196	255875	41.290	ng	100
44) 2,4,5-Trichlorophenol	9.12	196	267589	38.067	ng	98
46) 1,1'-Biphenyl	9.26	154	954909	41.441	ng	99
47) 2-Chloronaphthalene	9.29	162	735667	39.159	ng	99
48) 2-Nitroaniline	9.38	65	221506	39.015	ng	97
49) Acenaphthylene	9.70	152	1172820	40.185	ng	99
50) Dimethylphthalate	9.56	163	850271	39.015	ng	100
51) 2,6-Dinitrotoluene	9.63	165	191439	40.888	ng	90
52) Acenaphthene	9.87	154	692291	37.309	ng	100
53) 3-Nitroaniline	9.79	138	146520	24.952	ng	99
54) 2,4-Dinitrophenol	9.90	184	187144	70.343	ng	97
55) Dibenzofuran	10.05	168	1035782	38.601	ng	99
56) 4-Nitrophenol	9.96	139	322166	72.224	ng	96
57) 2,4-Dinitrotoluene	10.03	165	249983	40.657	ng	89
58) Fluorene	10.39	166	750924	37.522	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	228757	42.742	ng	99
60) Diethylphthalate	10.26	149	847835	38.462	ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	376042	35.229	ng	96
62) 4-Nitroaniline	10.41	138	206862	36.164	ng	99
63) Azobenzene	10.54	77	806047	38.410	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	128948	40.213	ng	94
66) n-Nitrosodiphenylamine	10.50	169	726496	40.980	ng	98
67) 4-Bromophenyl-phenylether	10.87	248	251627	40.049	ng	98
68) Hexachlorobenzene	10.93	284	278441	40.968	ng	# 92
69) Atrazine	11.03	200	201729	45.947	ng	99
70) Pentachlorophenol	11.13	266	308164	79.145	ng	98
71) Phenanthrene	11.35	178	1128665	38.942	ng	100
72) Anthracene	11.40	178	1173146	40.310	ng	99
73) Carbazole	11.56	167	1078126	37.328	ng	99
74) Di-n-butylphthalate	11.89	149	1319546	39.590	ng	100
75) Fluoranthene	12.53	202	1233958	38.410	ng	98
77) Benzidine	12.66	184	718655	65.515	ng	99
78) Pyrene	12.76	202	1262052	42.786	ng	100
80) Butylbenzylphthalate	13.38	149	561374	42.692	ng	93
81) Benzo(a)anthracene	13.95	228	1014934	40.173	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	303804	31.874	ng	98
83) Chrysene	13.99	228	1044696	39.348	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	720473	44.433	ng	100
85) Di-n-octyl phthalate	14.55	149	1332198	41.296	ng	99
87) Indeno(1,2,3-cd)pyrene	16.83	276	1152750	39.985	ng	99
88) Benzo(b)fluoranthene	14.99	252	1115130	44.503	ng	100
89) Benzo(k)fluoranthene	15.02	252	921098	40.307	ng	99
90) Benzo(a)pyrene	15.34	252	940432	41.136	ng	98
91) Dibenzo(a,h)anthracene	16.84	278	959407	40.740	ng	99
92) Benzo(g,h,i)perylene	17.26	276	971088	41.822	ng	99

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

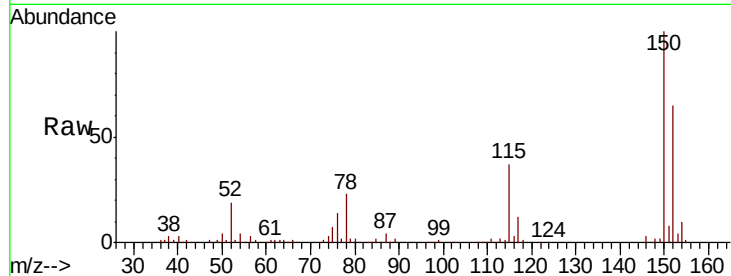


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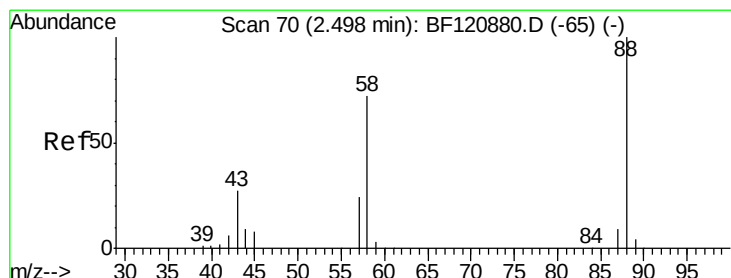
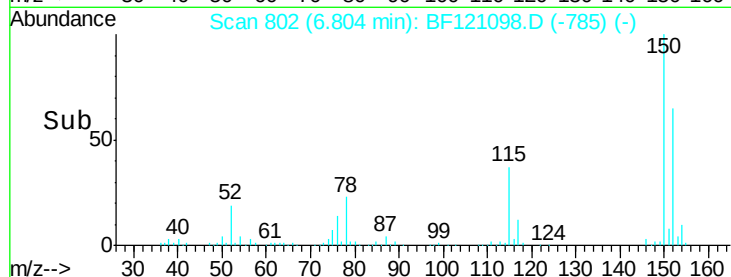
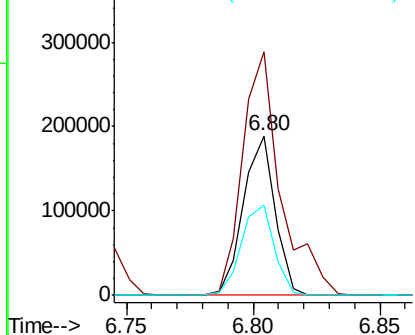
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

Tot Ion:152 Resp: 164343
 Ion Ratio Lower Upper
 152 100
 150 152.8 125.6 188.4
 115 56.4 46.2 69.2



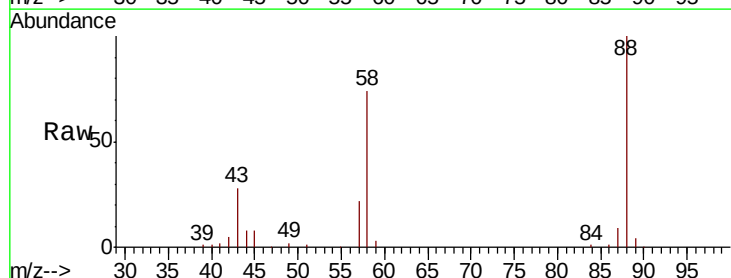
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



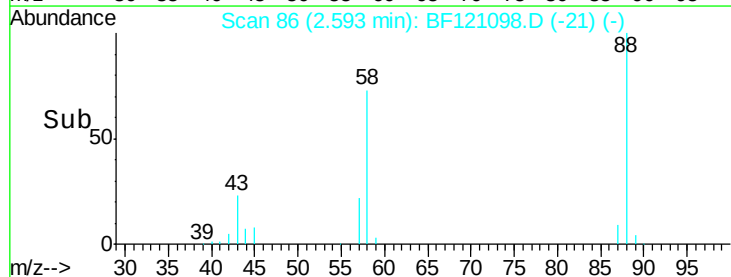
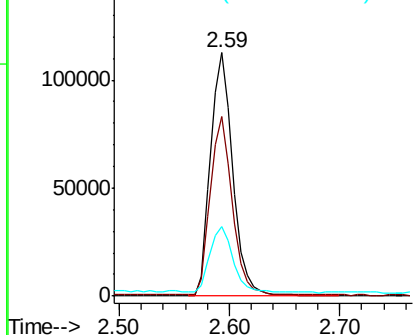
#2

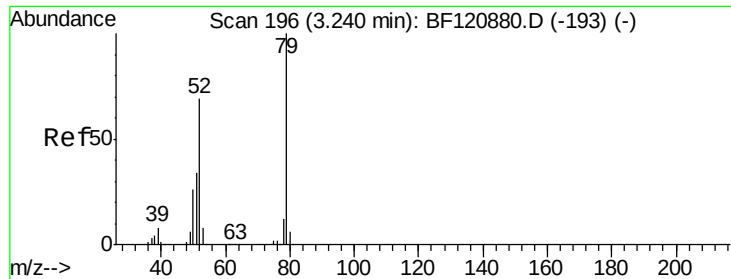
1,4-Dioxane
 Concen: 33.796 ng
 RT: 2.59 min Scan# 86
 Delta R.T. 0.08 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Tgt Ion: 88 Resp: 155925
 Ion Ratio Lower Upper
 88 100
 58 72.1 58.2 87.4
 43 28.1 21.3 31.9



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



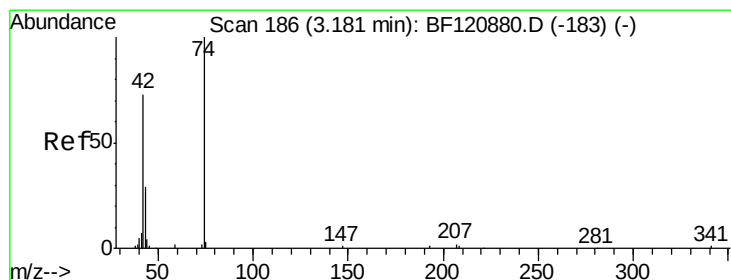
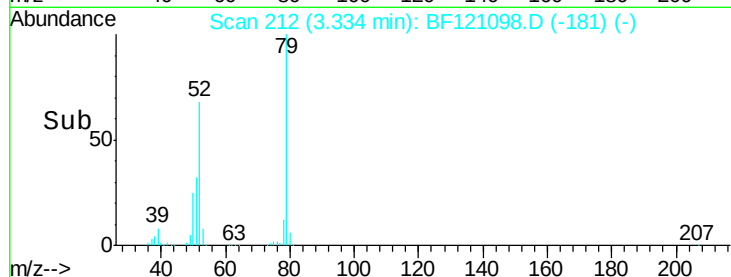
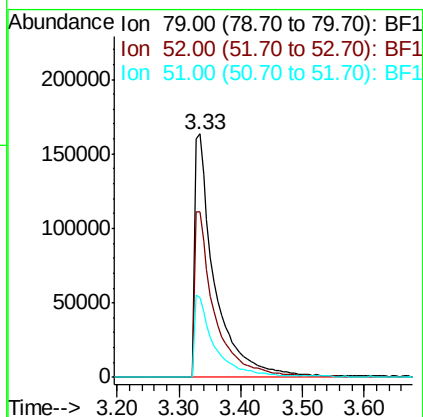
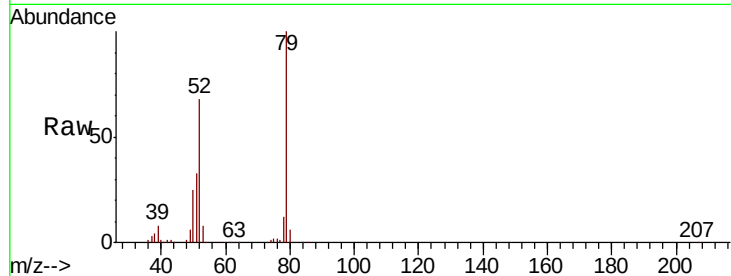


#3
 Pvridine
 Concen: 30.163 ng
 RT: 3.33 min Scan# 212
 Delta R.T. 0.08 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

Tot Ion: 79 Resp: 370204

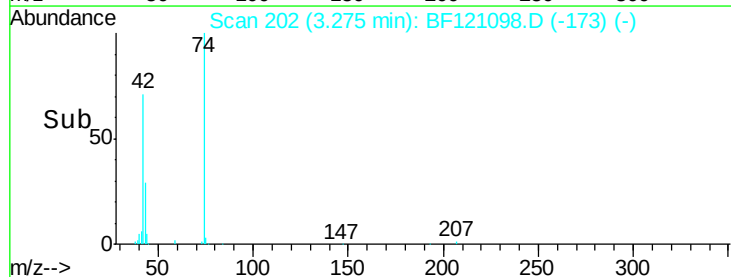
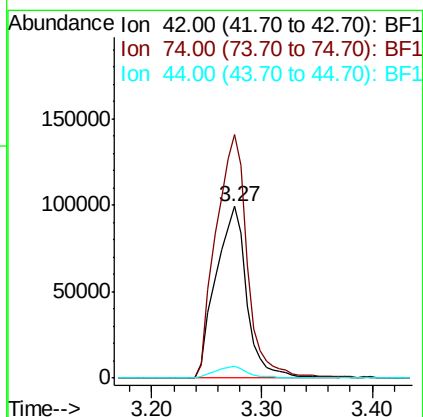
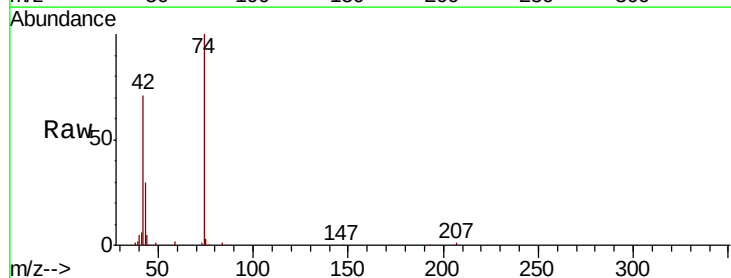
Ion	Ratio	Lower	Upper
79	100		
52	68.0	54.9	82.3
51	32.7	27.4	41.0

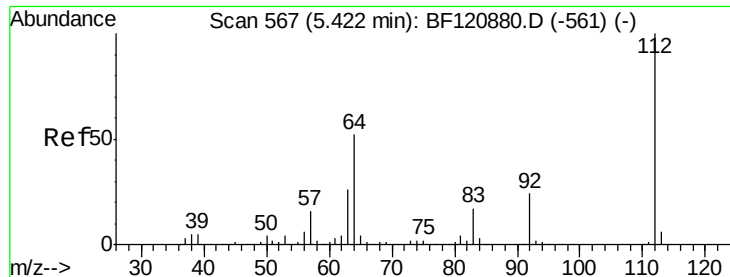


#4
 n-Nitrosodimethylamine
 Concen: 36.649 ng
 RT: 3.27 min Scan# 202
 Delta R.T. 0.07 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Tgt Ion: 42 Resp: 192341

Ion	Ratio	Lower	Upper
42	100		
74	141.7	117.3	175.9
44	7.0	5.9	8.9





#5

2-Fluorophenol

Concen: 77.169 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130545BSD

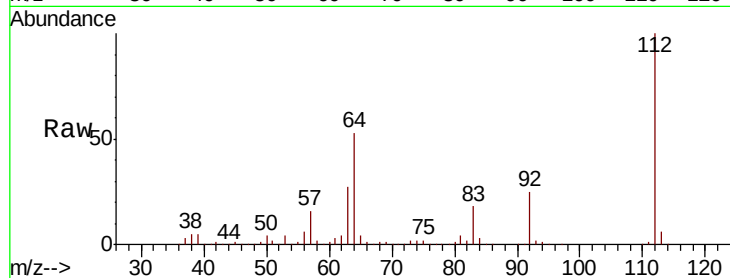
Tot Ion: 112 Resp: 773609

Ion Ratio Lower Upper

112 100

64 52.8 43.9 65.9

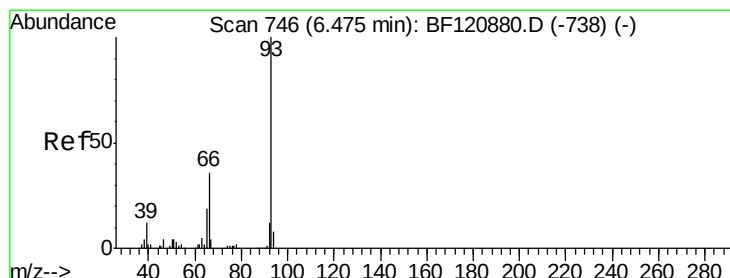
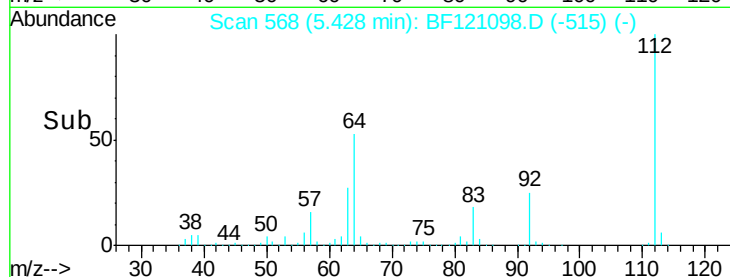
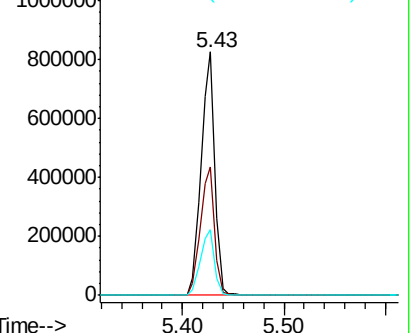
63 27.0 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.819 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

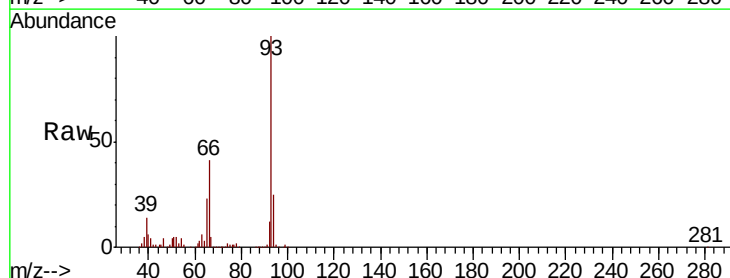
Tgt Ion: 93 Resp: 520950

Ion Ratio Lower Upper

93 100

66 41.5 31.0 46.4

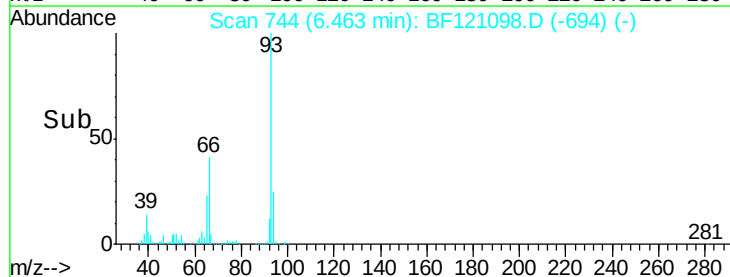
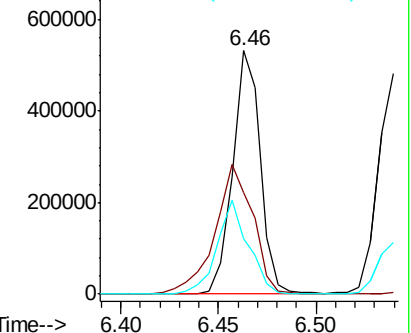
65 22.6 16.2 24.4

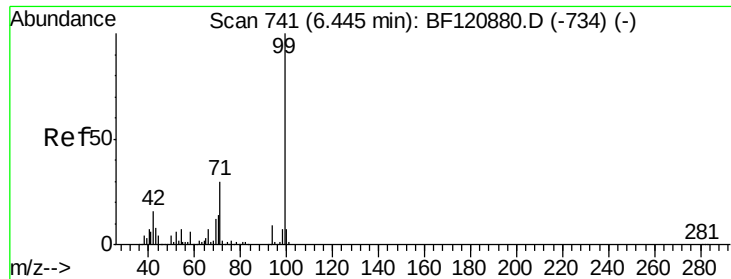


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.345 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130545BSD

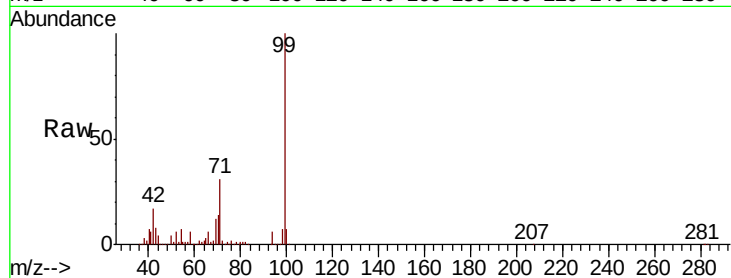
Tot Ion: 99 Resp: 936842

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

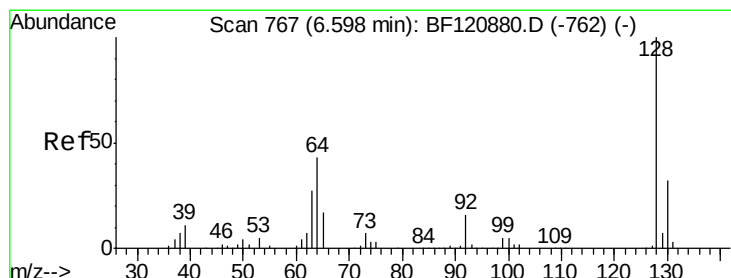
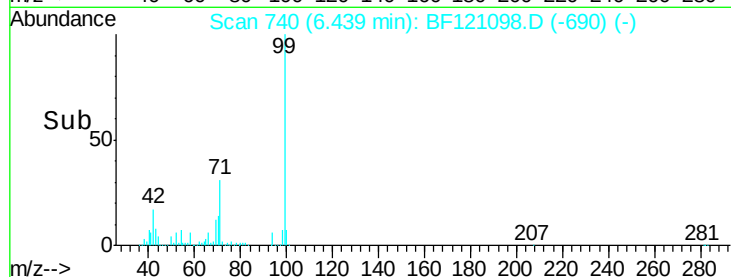
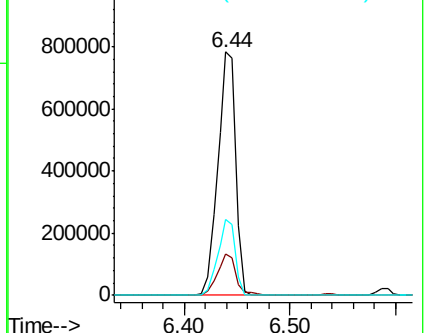
71 31.0 25.0 37.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.523 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

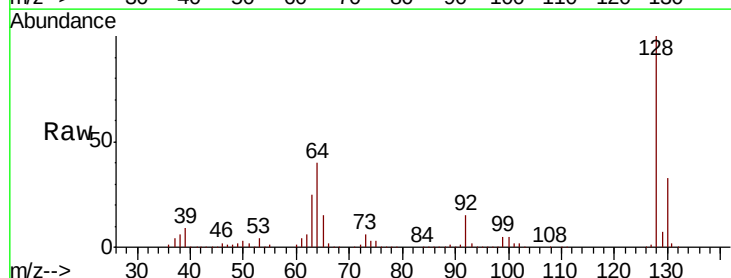
Tgt Ion: 128 Resp: 436484

Ion Ratio Lower Upper

128 100

130 33.1 12.7 52.7

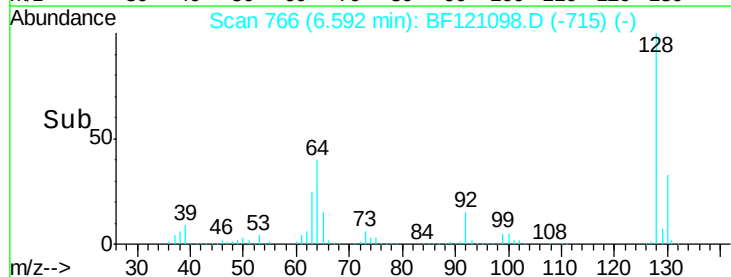
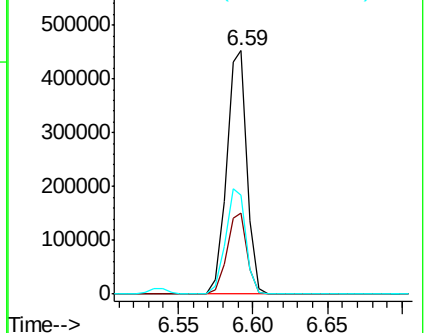
64 40.5 23.8 63.8

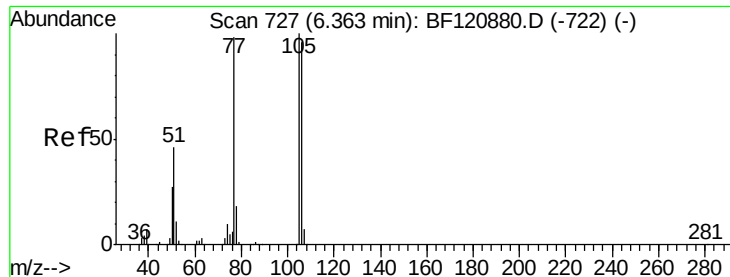


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 49.121 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130545BSD

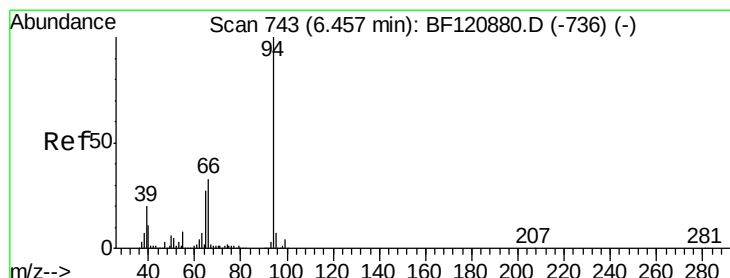
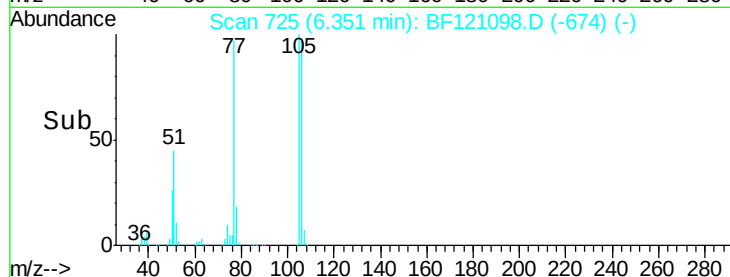
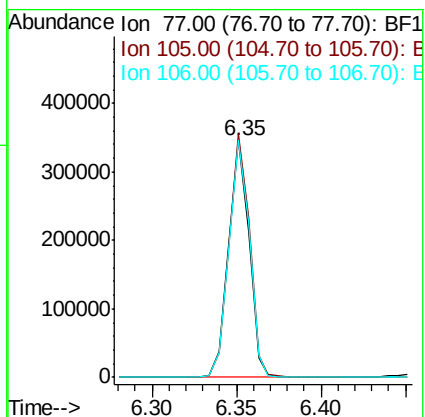
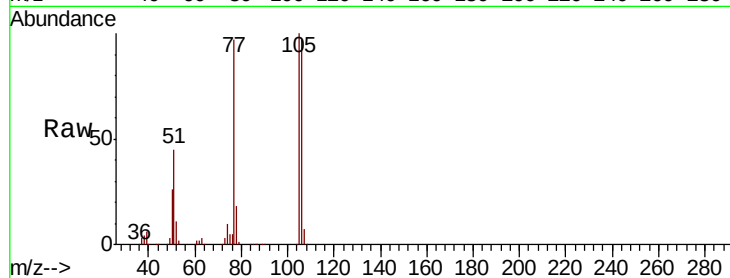
Tot Ion: 77 Resp: 290284

Ion Ratio Lower Upper

77 100

105 102.8 82.4 122.4

106 100.1 78.9 118.9



#10

Phenol

Concen: 36.573 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

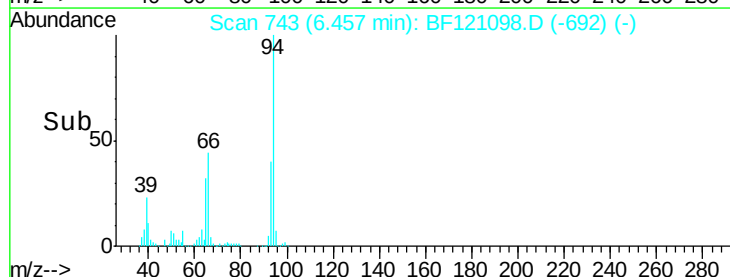
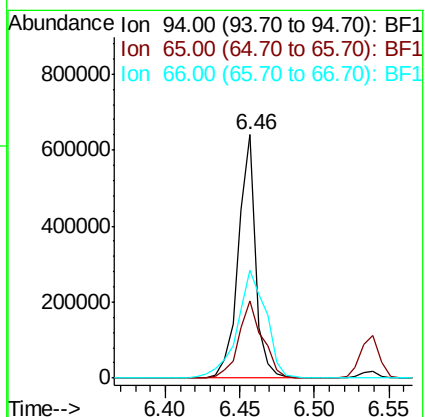
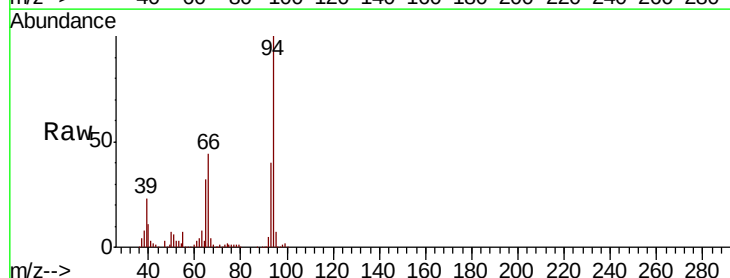
Tgt Ion: 94 Resp: 520980

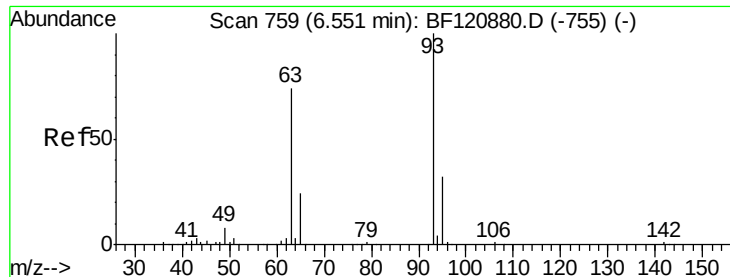
Ion Ratio Lower Upper

94 100

65 31.8 12.6 52.6

66 44.3 25.6 65.6

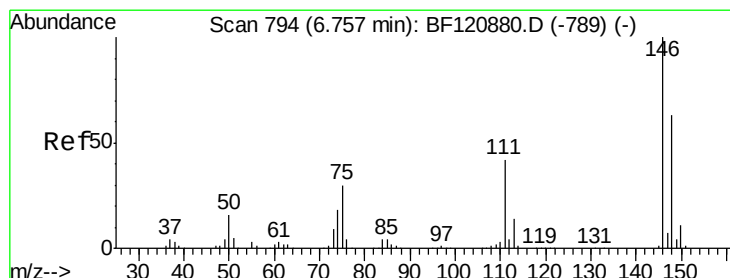
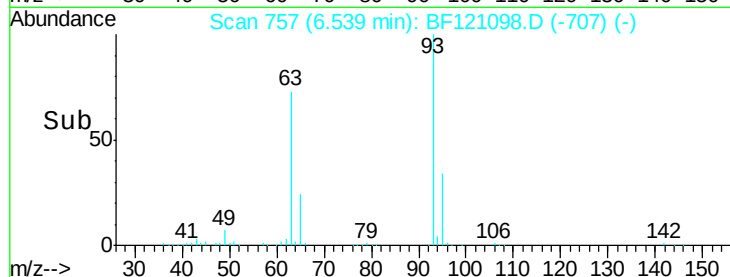
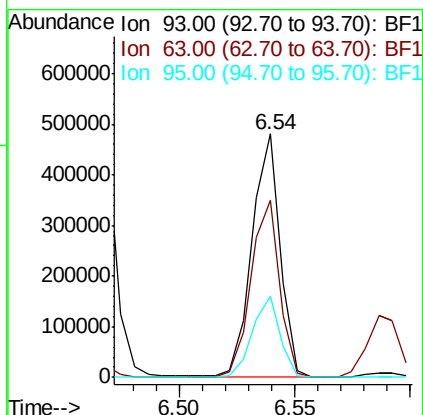
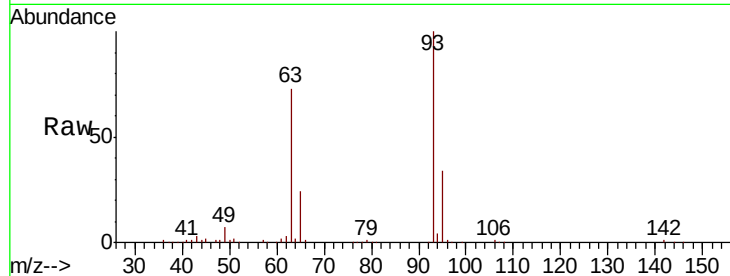




#11
bis(2-Chloroethyl)ether
Concen: 37.643 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

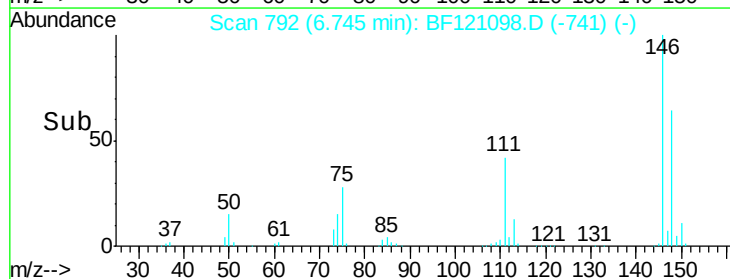
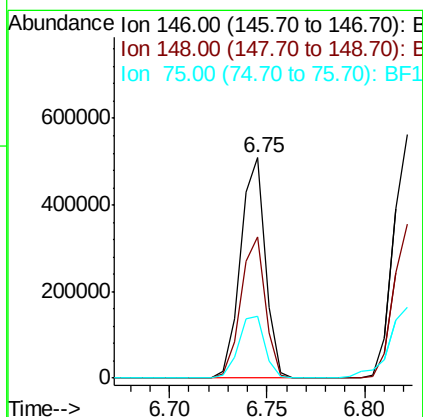
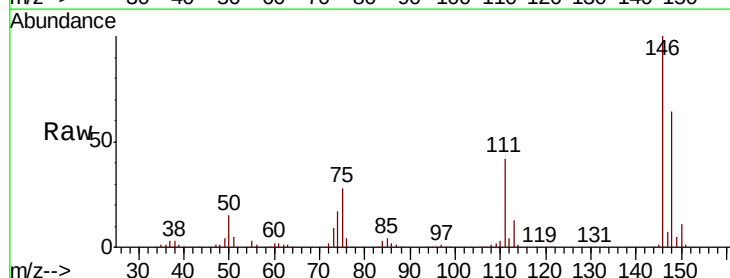
Instrument :
BNA_F
ClientSampleId :
PB130545BSD

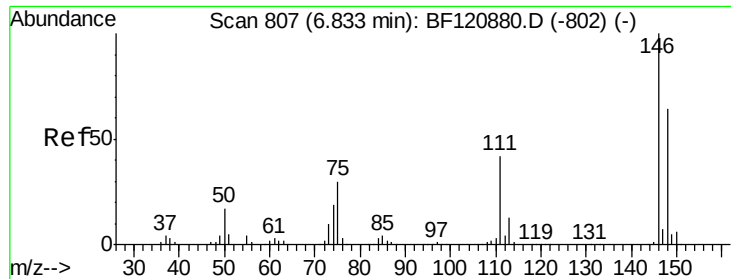
Tot Ion: 93 Resp: 410953
Ion Ratio Lower Upper
93 100
63 72.7 51.9 91.9
95 33.5 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 37.307 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion: 146 Resp: 446759
Ion Ratio Lower Upper
146 100
148 64.2 51.7 77.5
75 28.1 23.8 35.6

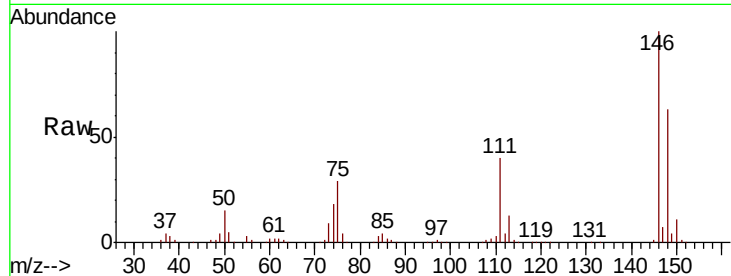




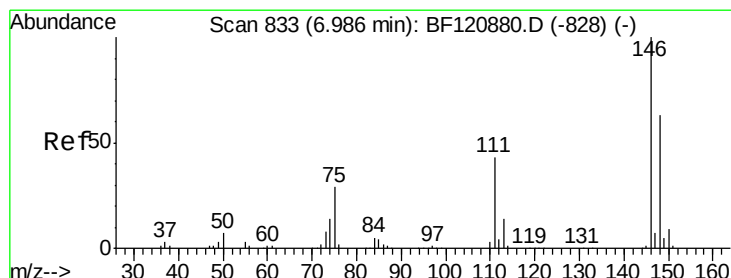
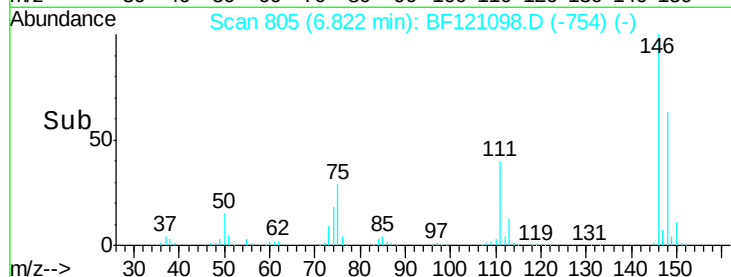
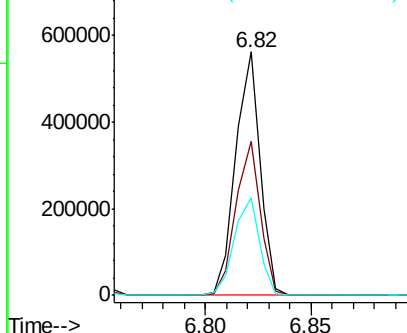
#13
 1,4-Dichlorobenzene
 Concen: 37.666 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

Tot Ion:146 Resp: 448518
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.5 75.7
 111 40.1 32.8 49.2

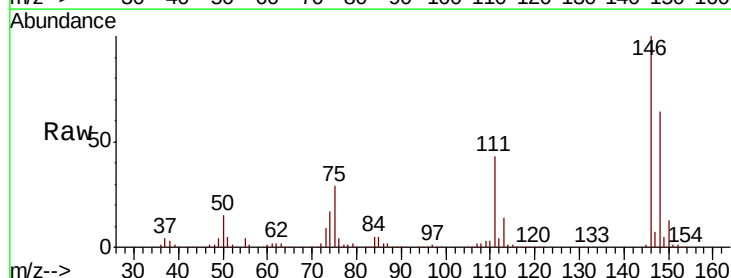


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

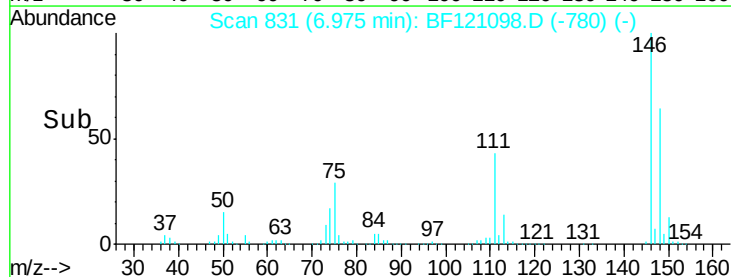
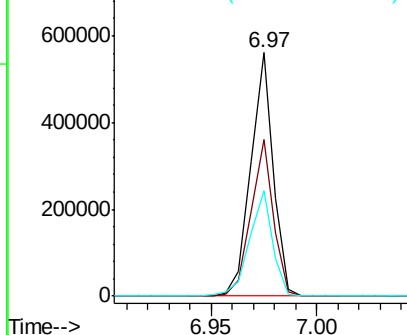


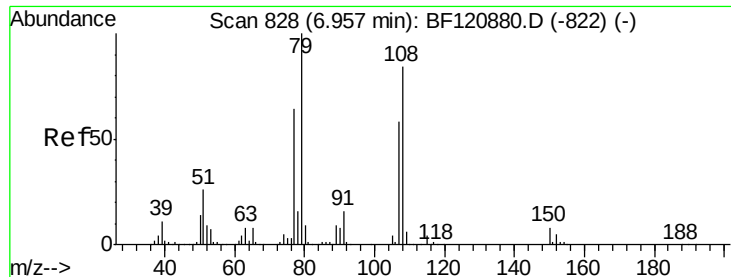
#14
 1,2-Dichlorobenzene
 Concen: 36.837 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Tgt Ion:146 Resp: 414979
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.8 76.2
 111 43.0 35.4 53.0



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: 35.161 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130545BSD

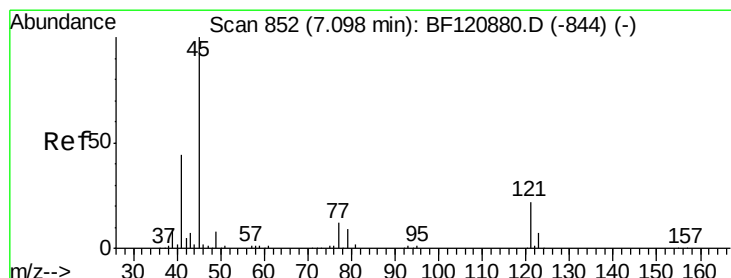
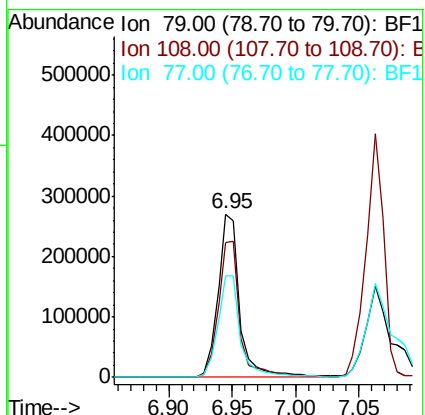
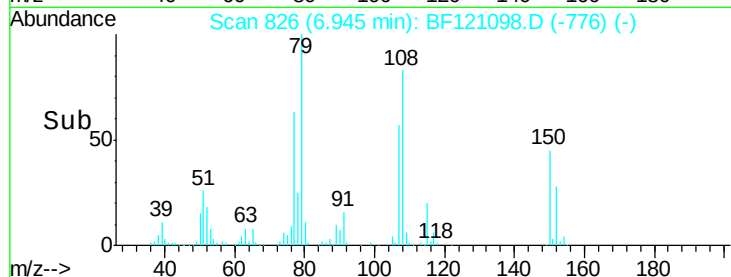
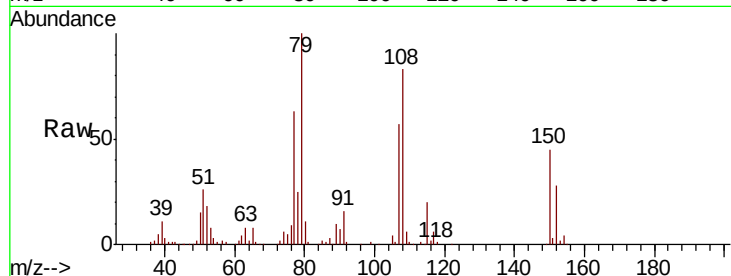
Tot Ion: 79 Resp: 321998

Ion Ratio Lower Upper

79 100

108 82.9 68.6 103.0

77 62.7 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.998 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

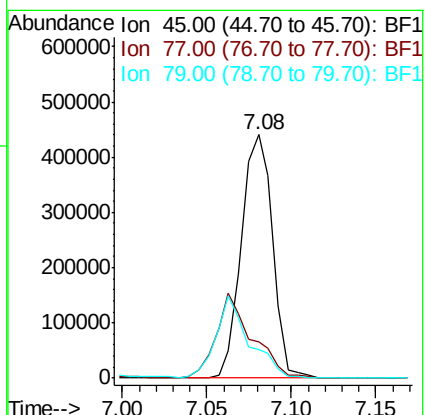
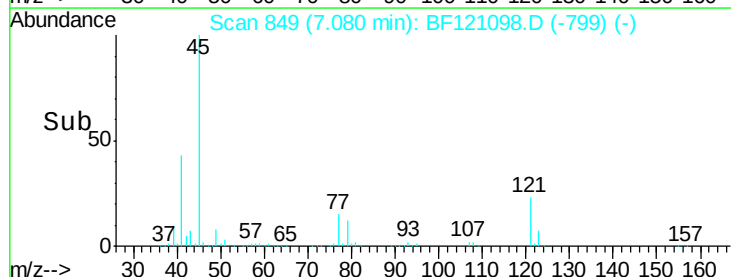
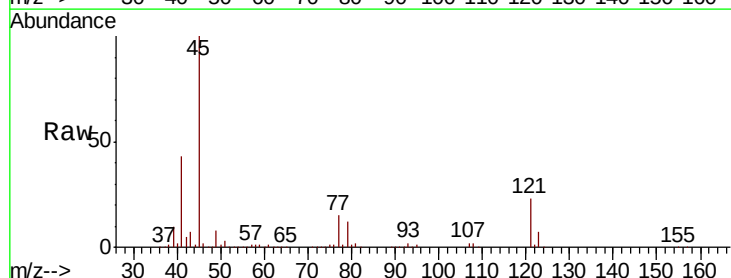
Tgt Ion: 45 Resp: 566442

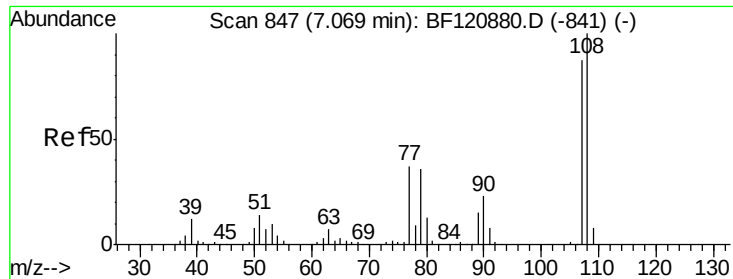
Ion Ratio Lower Upper

45 100

77 14.8 0.0 34.7

79 12.0 0.0 32.0

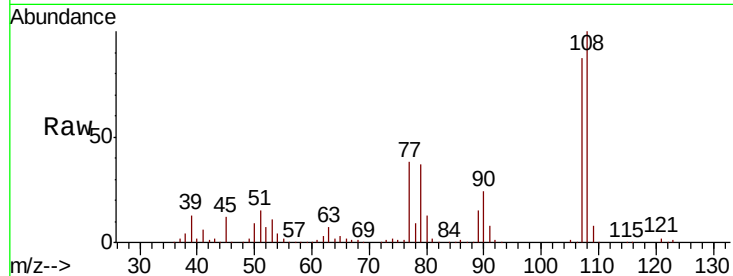




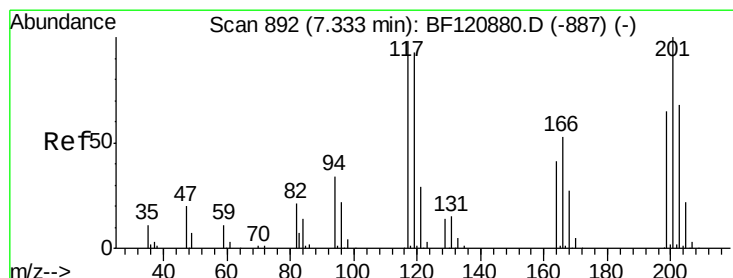
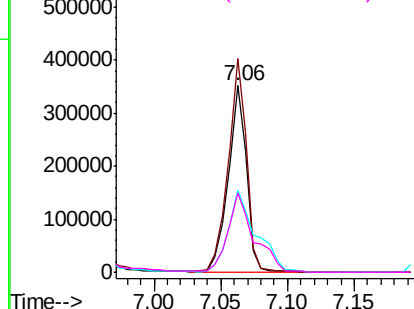
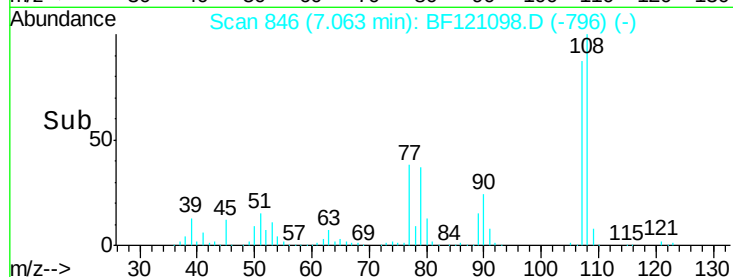
#17
2-Methylphenol
Concen: 35.250 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion:107 Resp: 345043
Ion Ratio Lower Upper
107 100
108 114.6 91.2 136.8
77 44.0 36.5 54.7
79 42.7 35.0 52.6

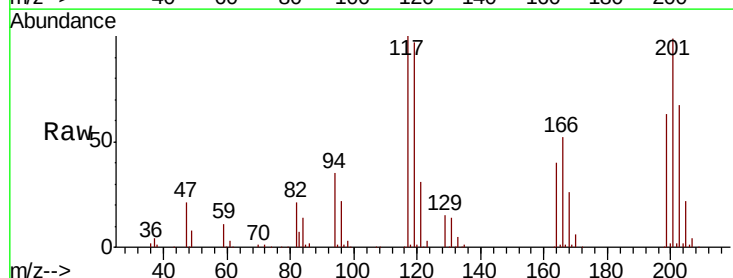


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

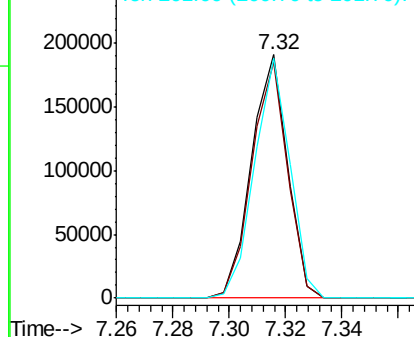
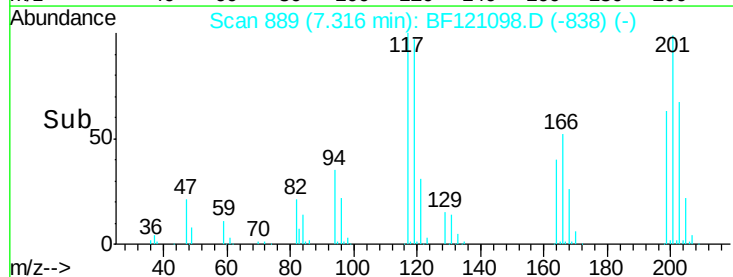


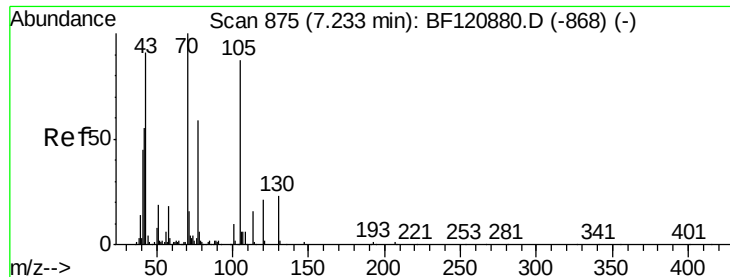
#18
Hexachloroethane
Concen: 39.251 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion:117 Resp: 169166
Ion Ratio Lower Upper
117 100
119 97.1 76.6 114.8
201 98.6 75.0 112.4



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

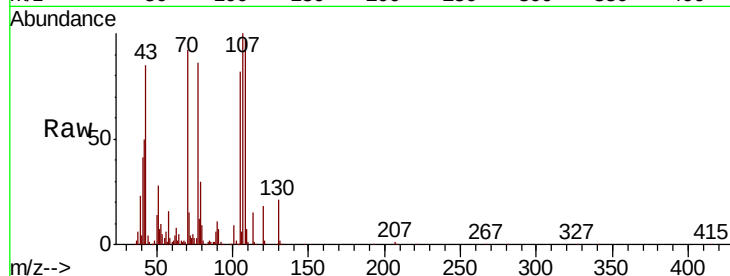




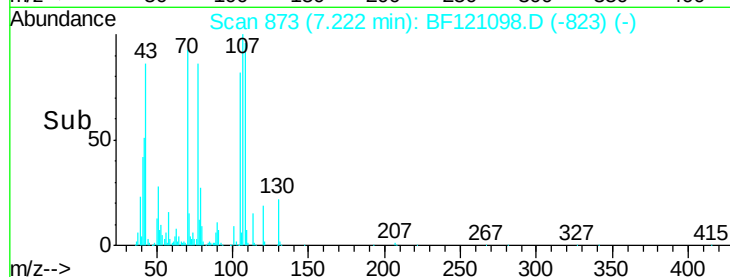
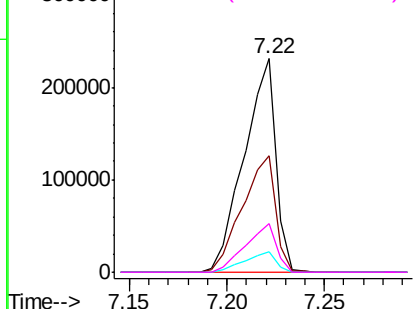
#19
n-Nitroso-di-n-propylamine
Concen: 35.369 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion:	70	Resp:	260443
Ion	Ratio	Lower	Upper
70	100		
42	54.7	43.3	64.9
101	9.8	8.4	12.6
130	23.1	18.7	28.1



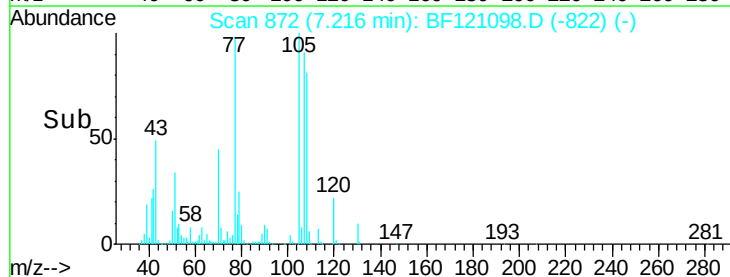
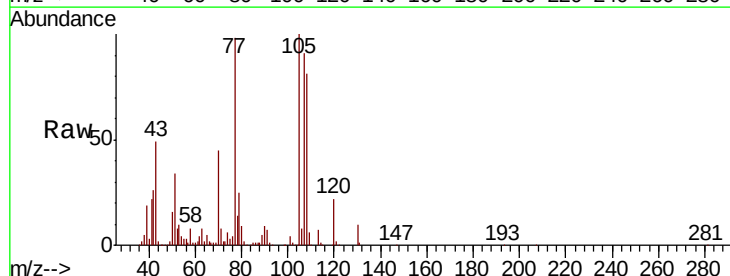
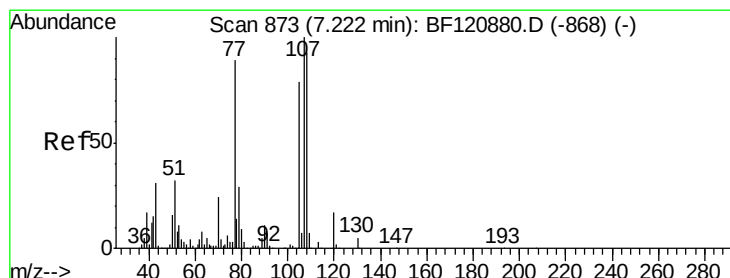
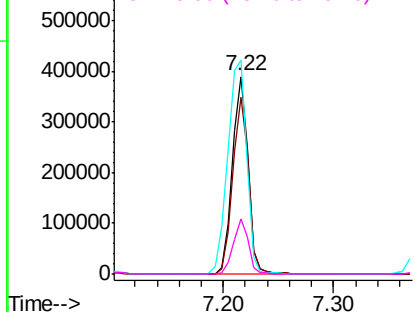
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

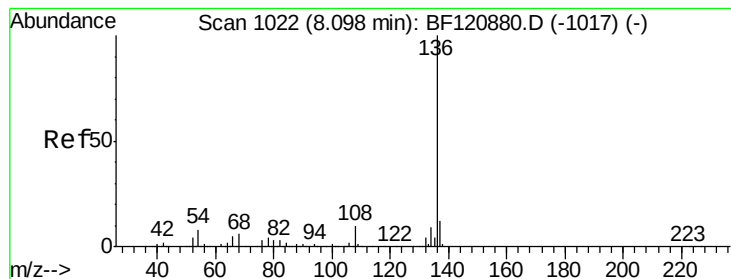


#20
3+4-Methylphenols
Concen: 31.416 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion:	107	Resp:	391181
Ion	Ratio	Lower	Upper
107	100		
108	89.2	73.7	113.7
77	108.2	84.9	124.9
79	27.9	10.7	50.7

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130545BSD

Tot Ion:136 Resp: 606457

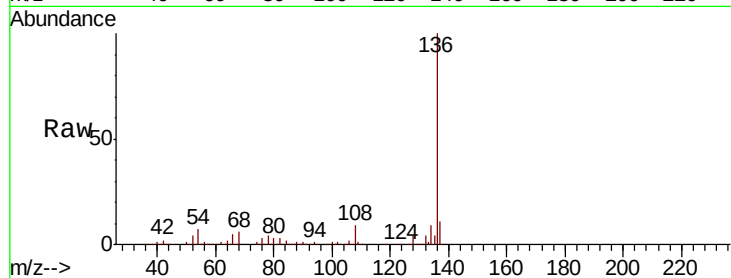
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.3 6.1 9.1

68 5.7 5.0 7.6

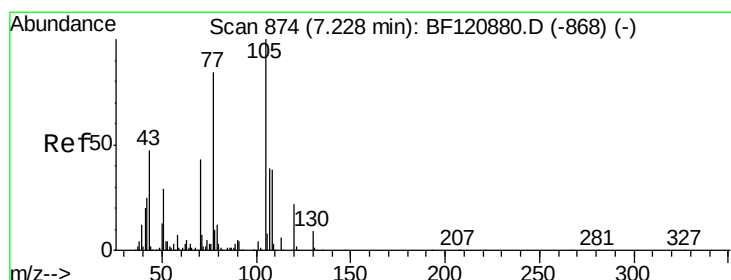
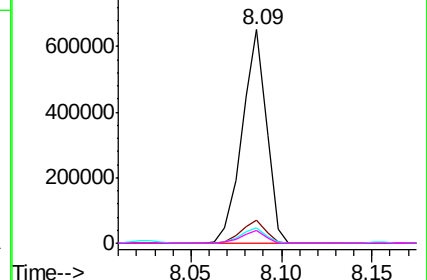
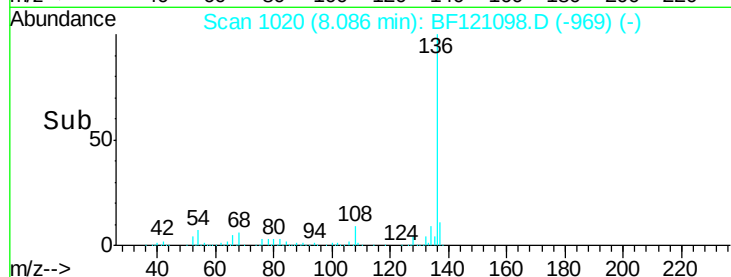


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.549 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Tgt Ion:105 Resp: 538286

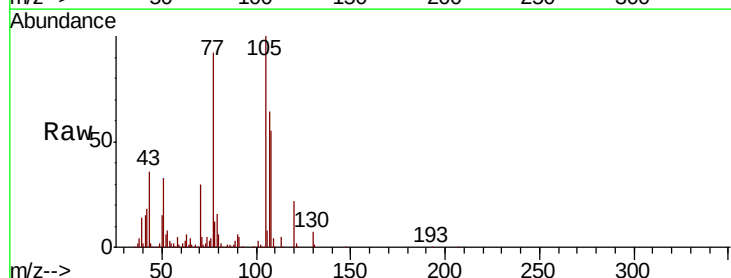
Ion Ratio Lower Upper

105 100

71 5.1 3.8 5.8

51 32.7 28.0 42.0

120 22.4 17.8 26.6

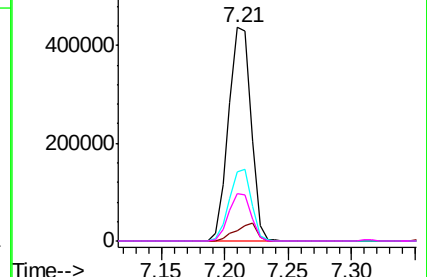
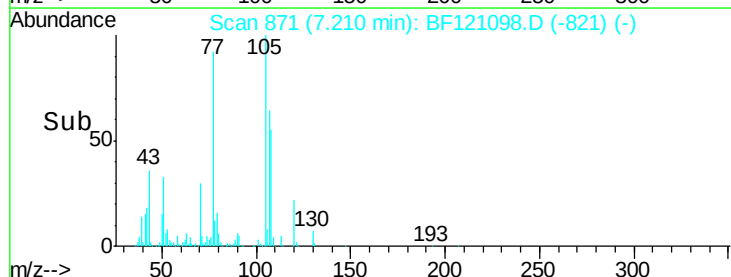


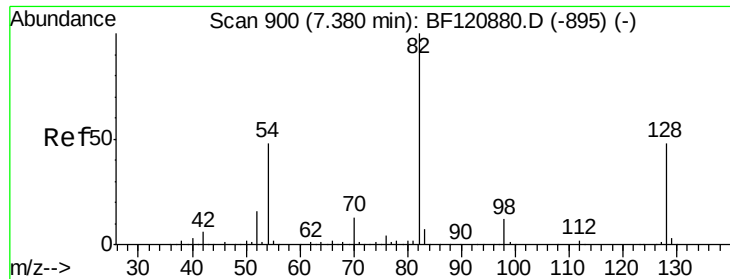
Abundance Ion 105.00 (104.70 to 105.70): E

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

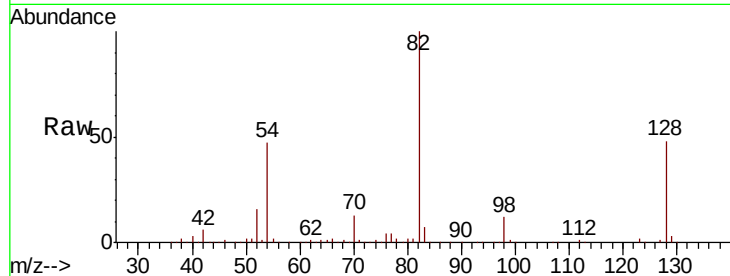




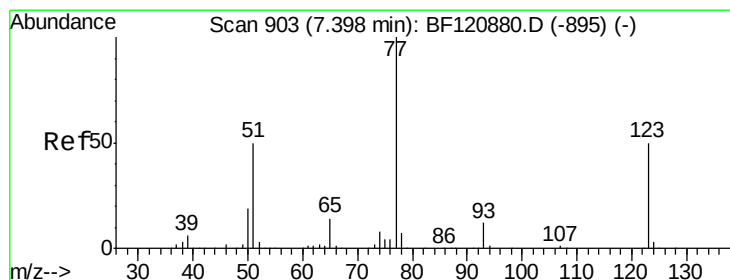
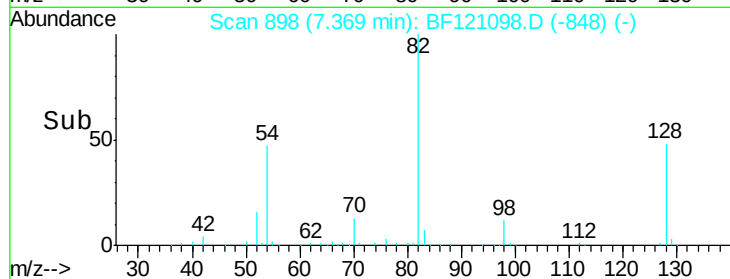
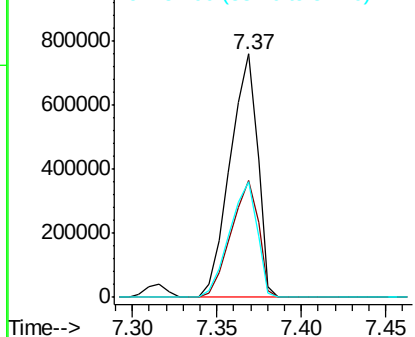
#23
 Nitrobenzene-d5
 Concen: 82.177 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

Tot Ion	82	Resp	861293
Ion Ratio	100	Lower	Upper
128	48.0	39.2	58.8
54	47.3	37.8	56.8

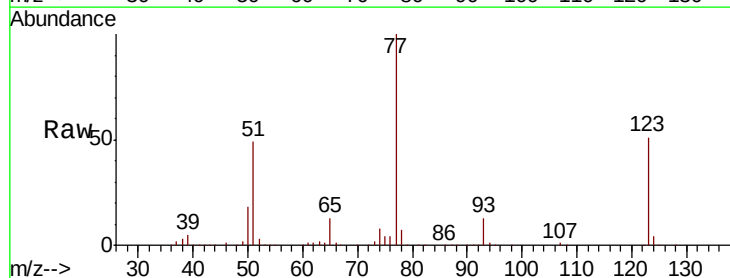


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

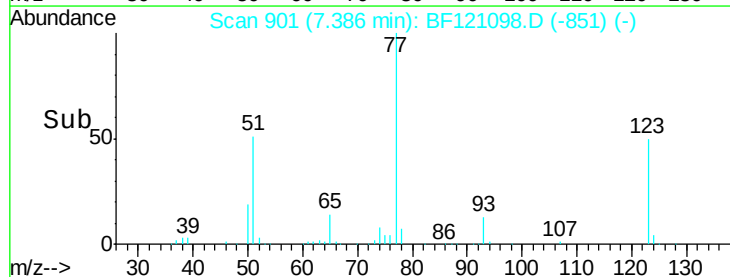
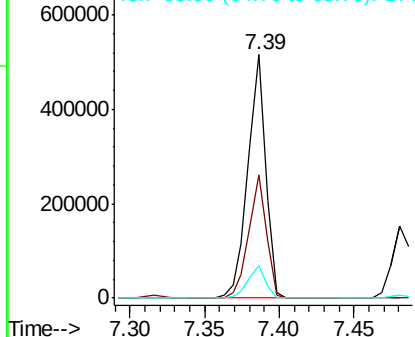


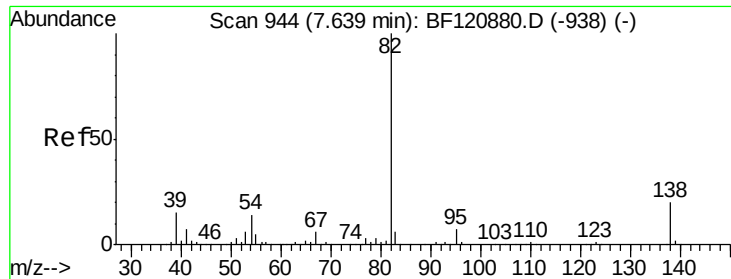
#24
 Nitrobenzene
 Concen: 37.861 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Tgt Ion	77	Resp	427687
Ion Ratio	100	Lower	Upper
123	50.5	41.0	61.6
65	13.2	10.3	15.5



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





#25

Isophorone

Concen: 37.790 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130545BSD

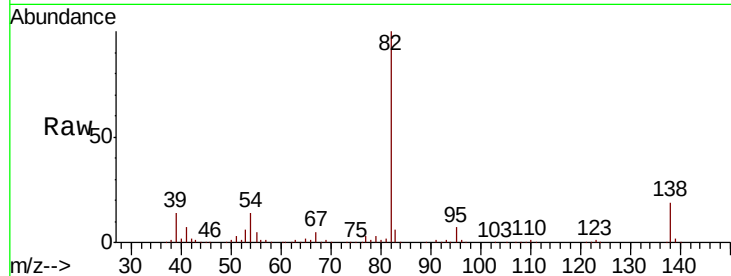
Tot Ion: 82 Resp: 790468

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

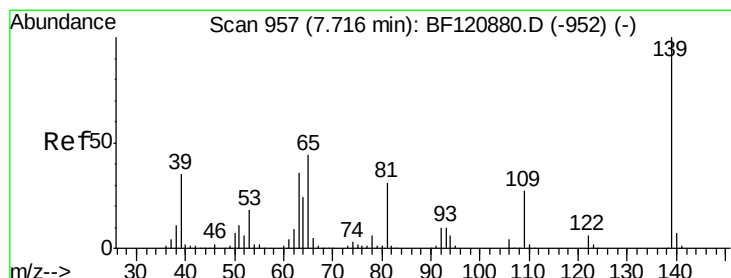
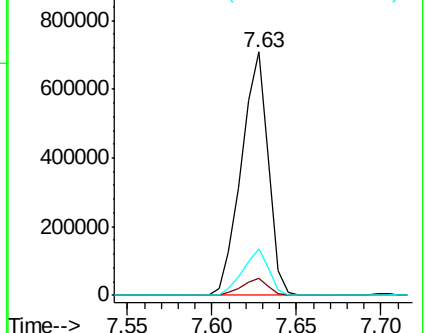
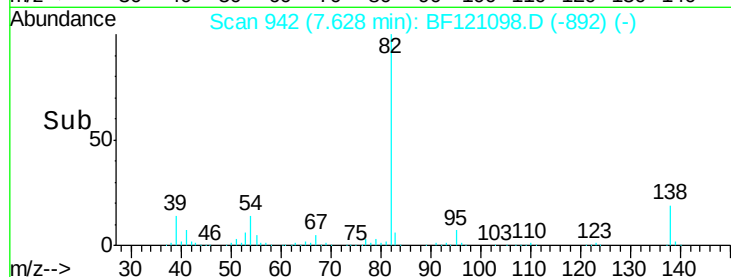
138 18.8 16.2 24.2



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: 42.631 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

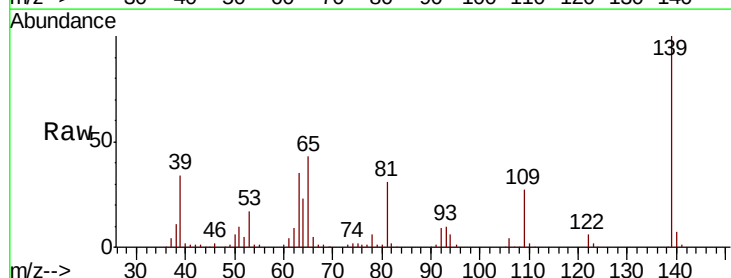
Tgt Ion: 139 Resp: 228716

Ion Ratio Lower Upper

139 100

109 26.7 21.7 32.5

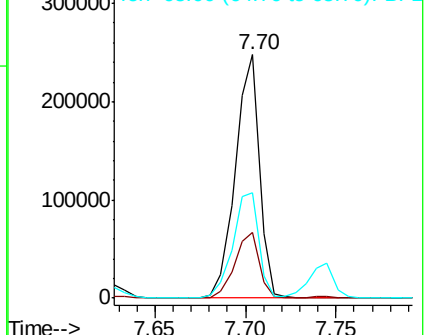
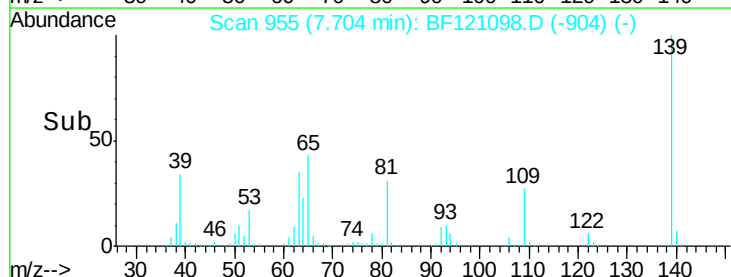
65 43.3 36.3 54.5

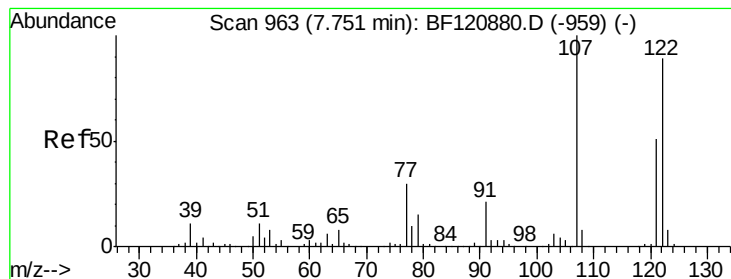


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 42.492 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130545BSD

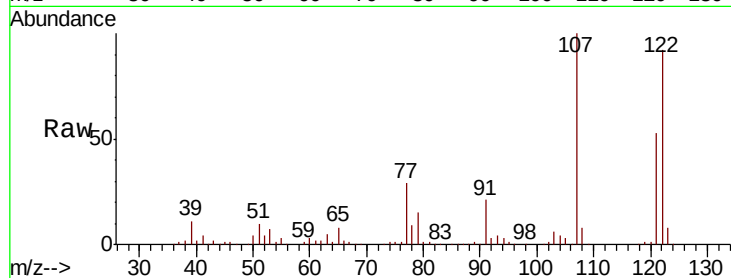
Tot Ion:122 Resp: 370129

Ion Ratio Lower Upper

122 100

107 108.9 87.1 130.7

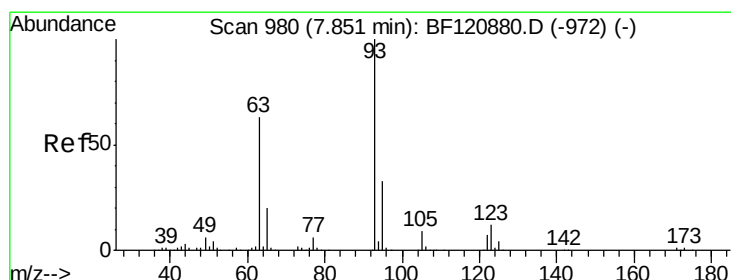
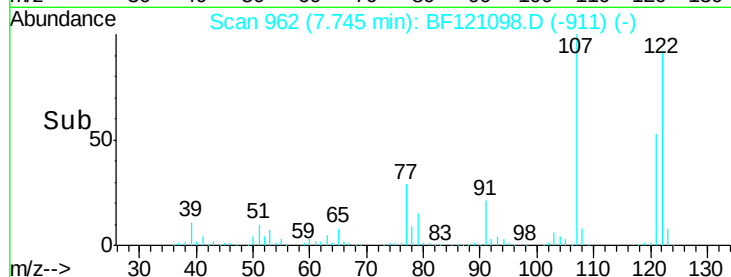
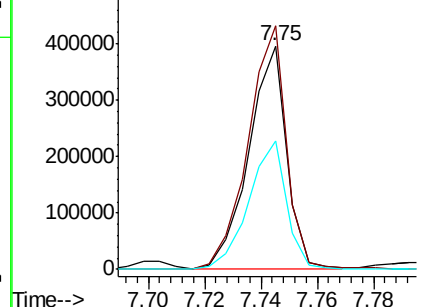
121 57.6 45.5 68.3



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: 39.835 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

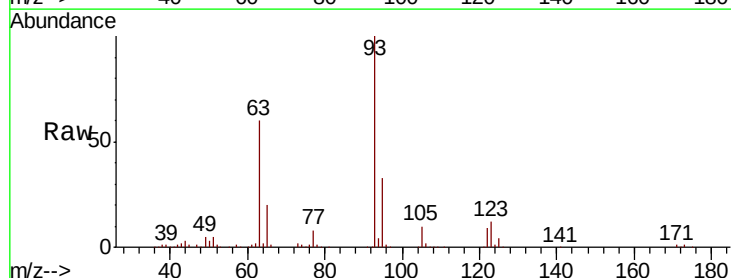
Tgt Ion: 93 Resp: 508633

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

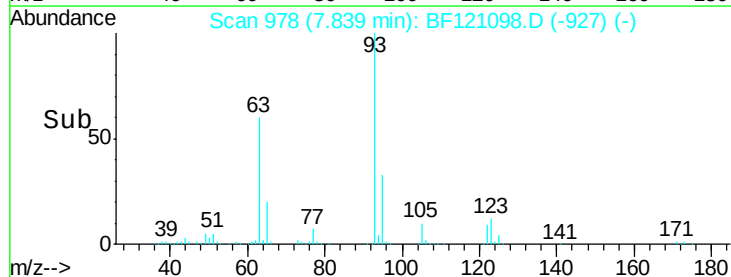
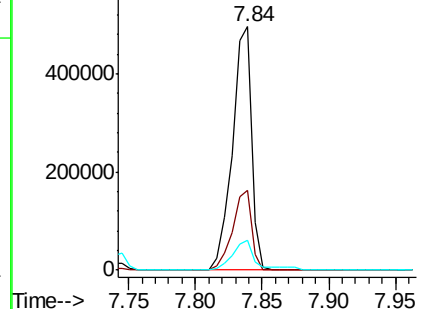
123 12.2 9.5 14.3

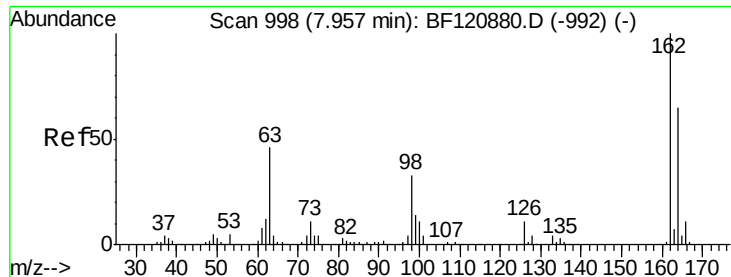


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

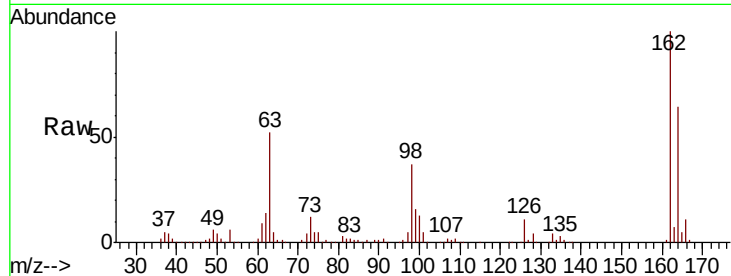




#29
2,4-Dichlorophenol
Concen: 38.947 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.7	84.7
98	37.1	14.2	54.2

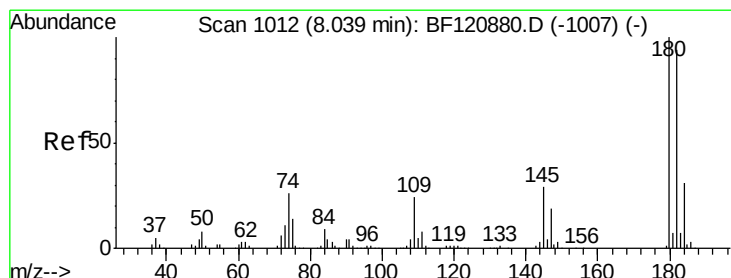
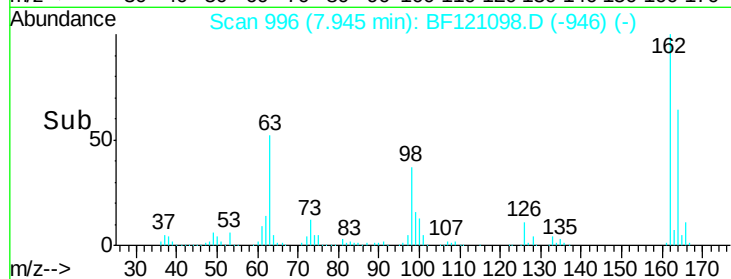
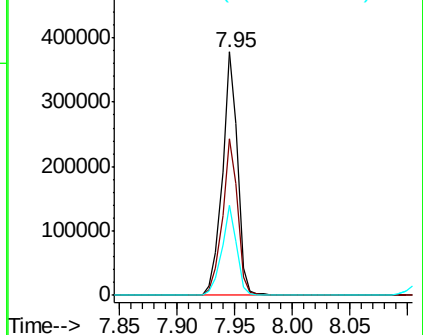


Abundance

Ion 162.00 (161.70 to 162.70): E

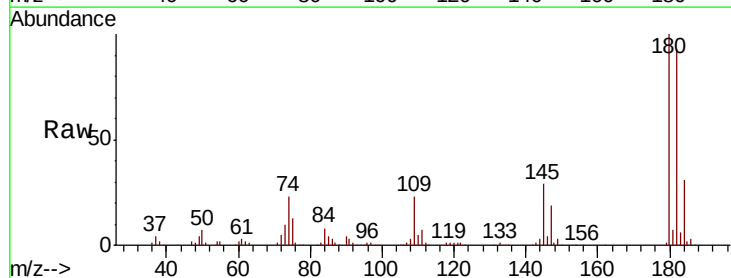
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.703 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.4	114.6
145	29.3	24.2	36.4

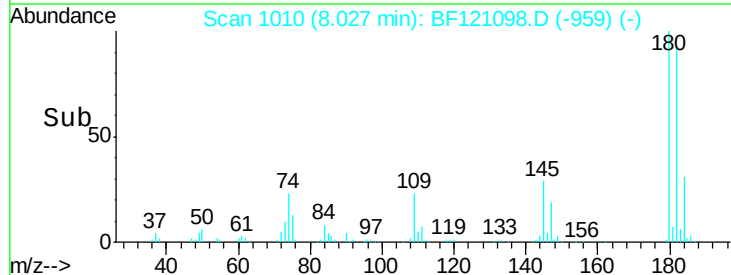
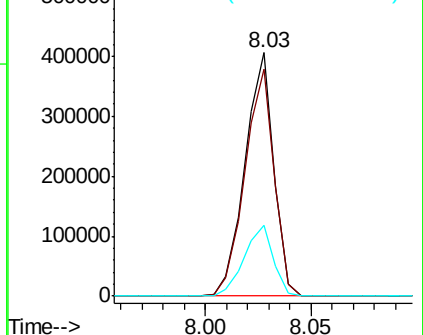


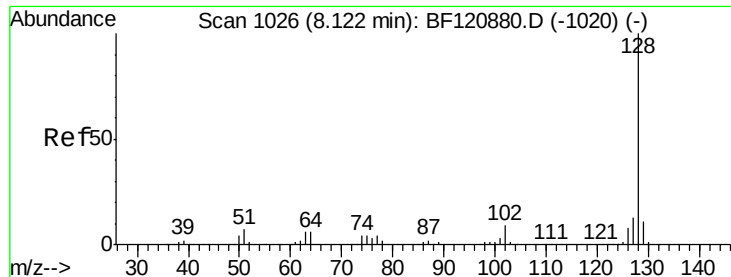
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

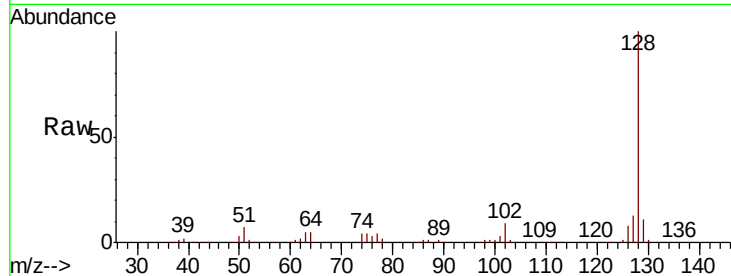




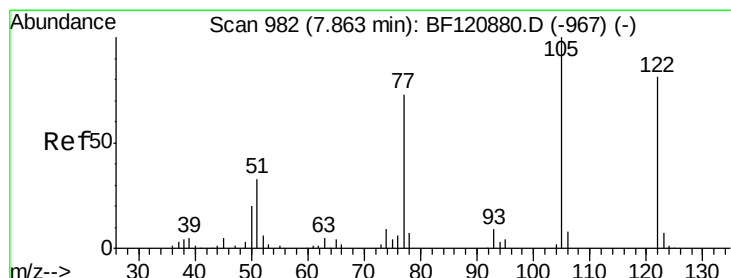
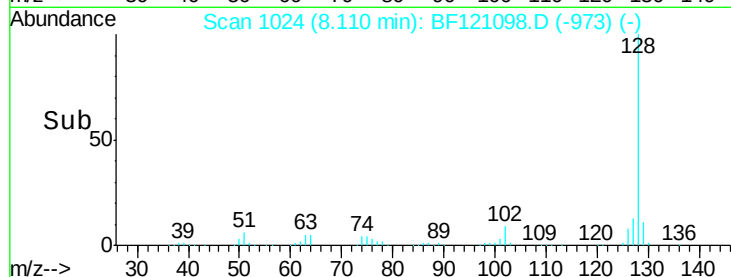
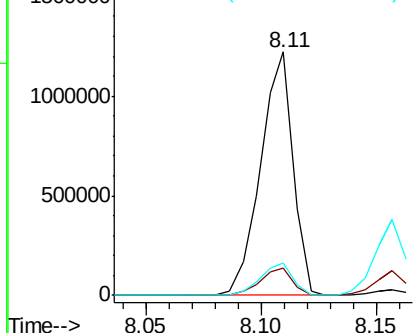
#31
Naphthalene
Concen: 38.391 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion:128 Resp: 1194276
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.5 10.8 16.2

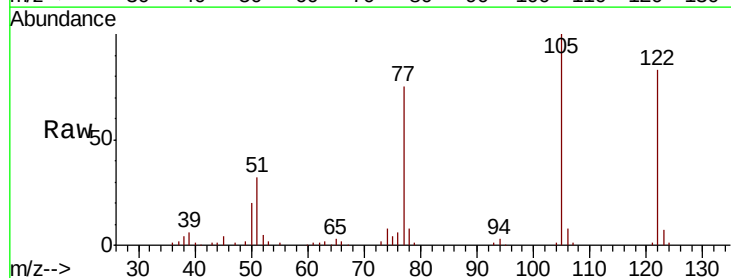


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

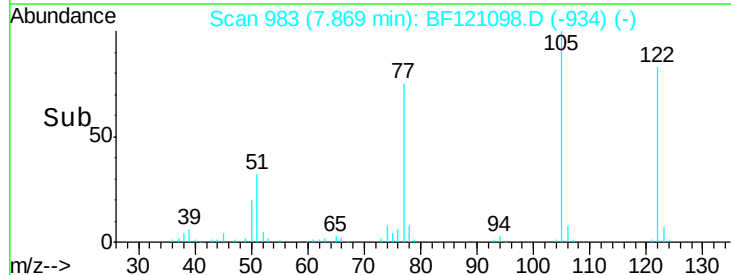
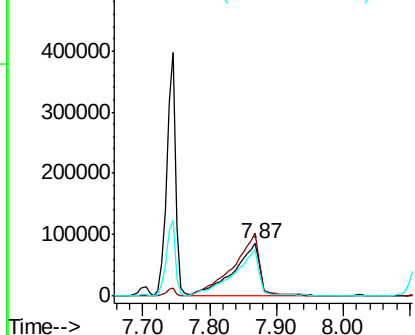


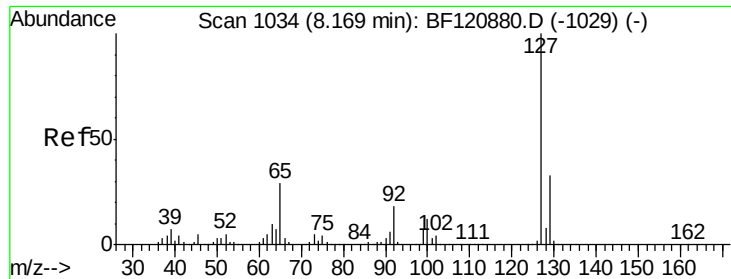
#32
Benzoic acid
Concen: 36.685 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion:122 Resp: 239875
Ion Ratio Lower Upper
122 100
105 120.2 100.9 140.9
77 89.9 67.8 107.8



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

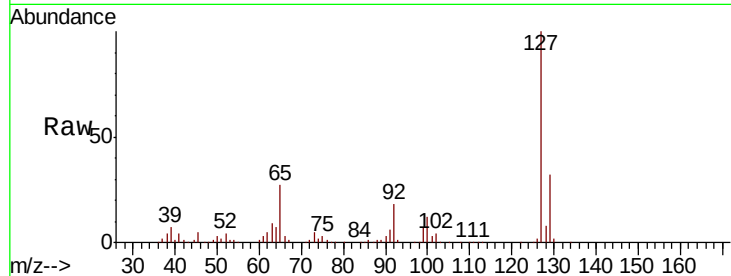




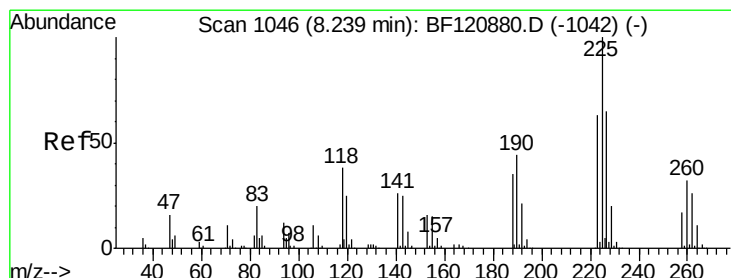
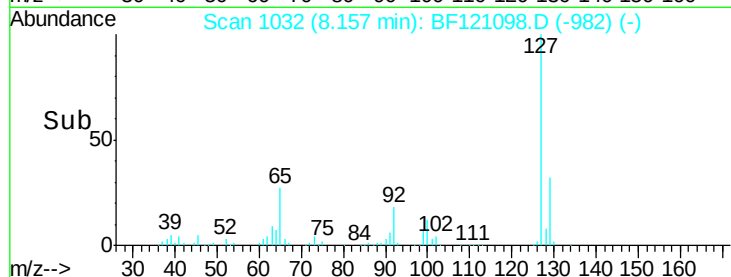
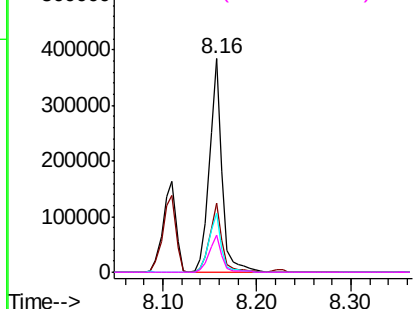
#33
4-Chloroaniline
Concen: 26.346 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion:	127	Resp:	365608
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	27.5	21.4	32.0
92	17.5	13.8	20.8

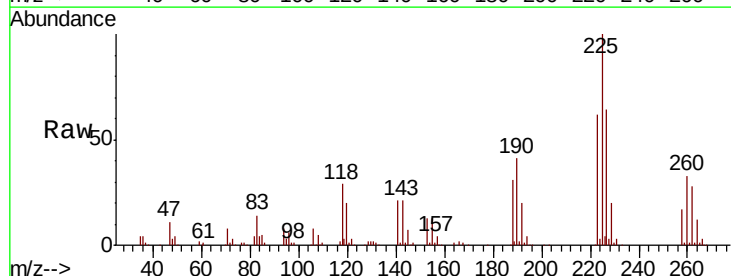


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

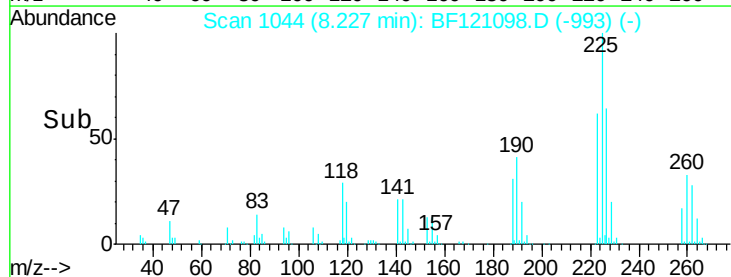
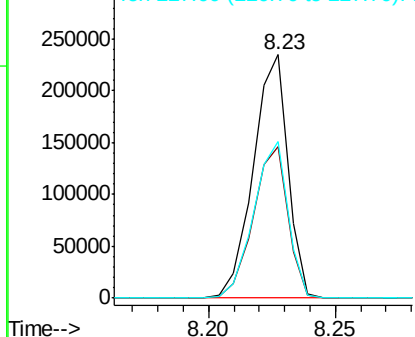


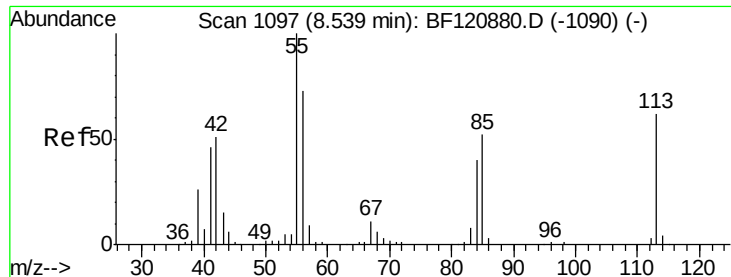
#34
Hexachlorobutadiene
Concen: 38.413 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion:	225	Resp:	223627
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.7	74.5
227	64.3	51.4	77.0



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

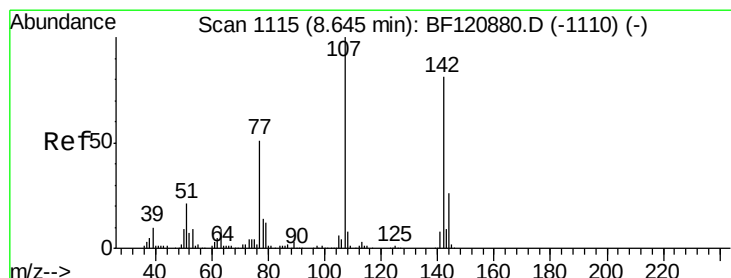
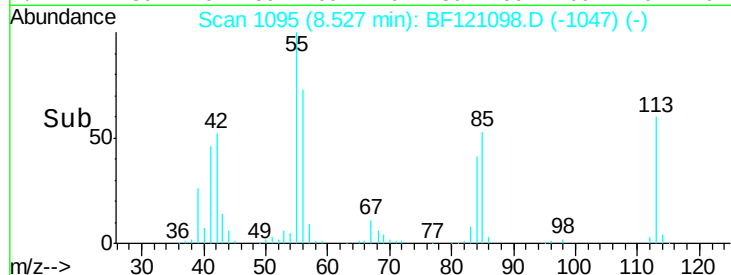
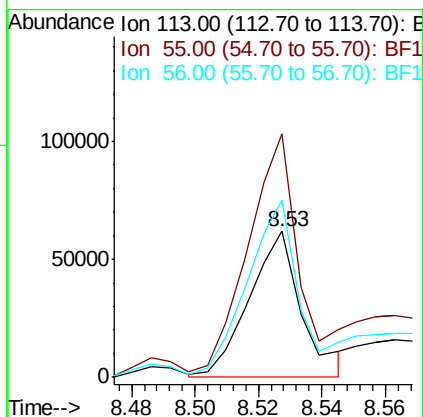
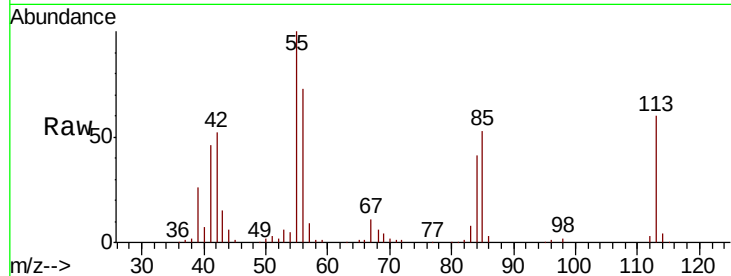




#35
 Caprolactam
 Concen: 24.756 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

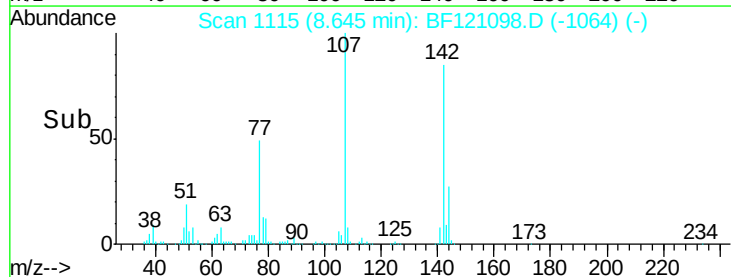
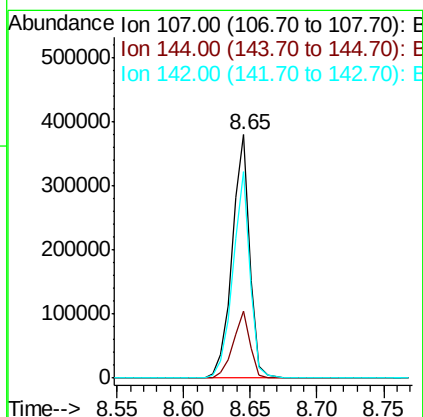
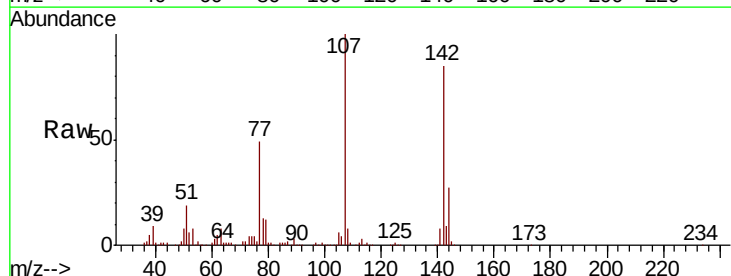
Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

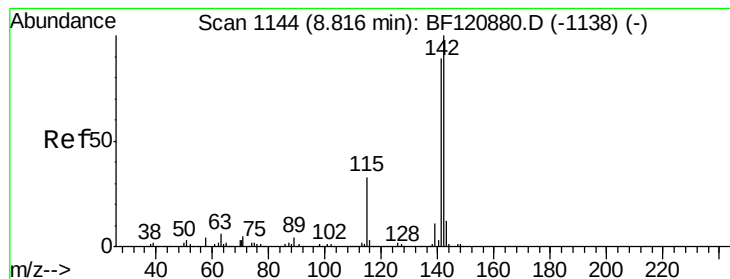
Tot Ion:113 Resp: 70665
 Ion Ratio Lower Upper
 113 100
 55 166.6 131.0 171.0
 56 121.0 90.4 130.4



#36
 4-Chloro-3-methylphenol
 Concen: 38.833 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Tgt Ion:107 Resp: 354504
 Ion Ratio Lower Upper
 107 100
 144 27.5 20.9 31.3
 142 84.8 64.5 96.7





#37

2-Methylnaphthalene

Concen: 39.698 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130545BSD

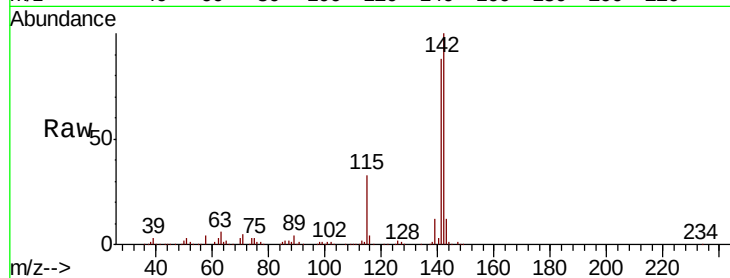
Tot Ion:142 Resp: 801847

Ion Ratio Lower Upper

142 100

141 88.0 70.6 105.8

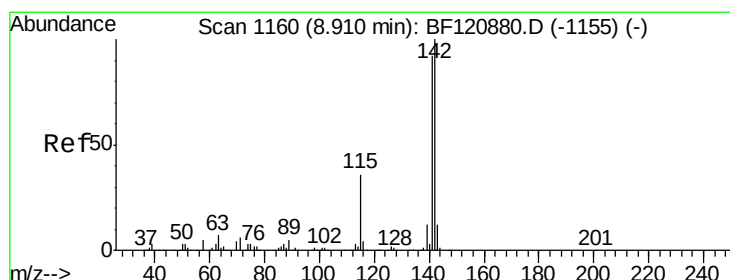
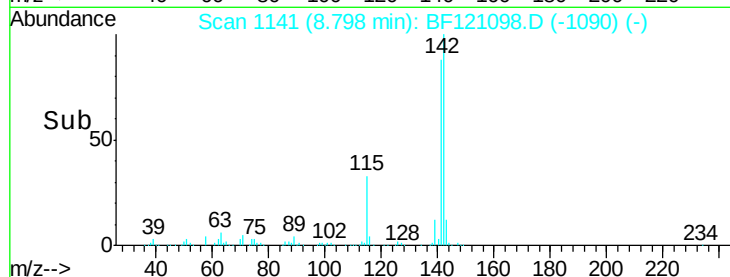
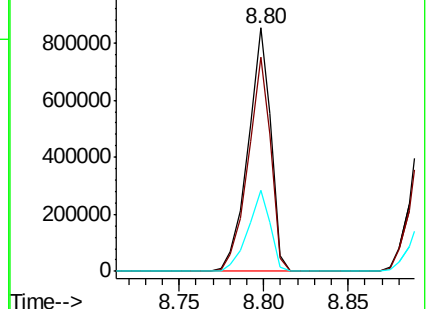
115 33.4 27.1 40.7



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: 39.316 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

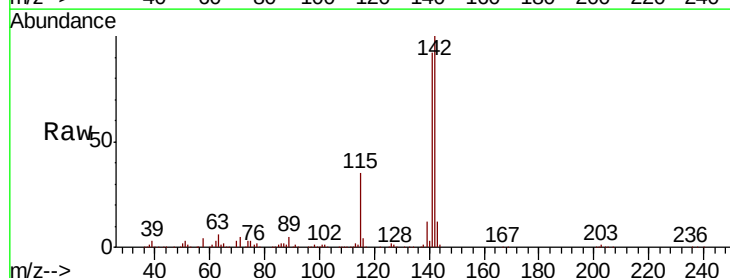
Tgt Ion:142 Resp: 752132

Ion Ratio Lower Upper

142 100

141 91.7 73.0 109.6

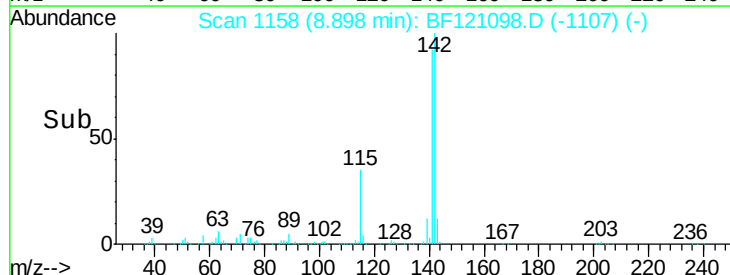
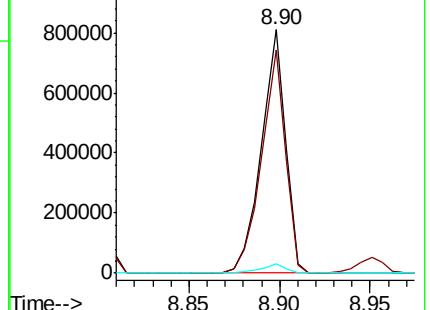
116 3.7 3.0 4.6

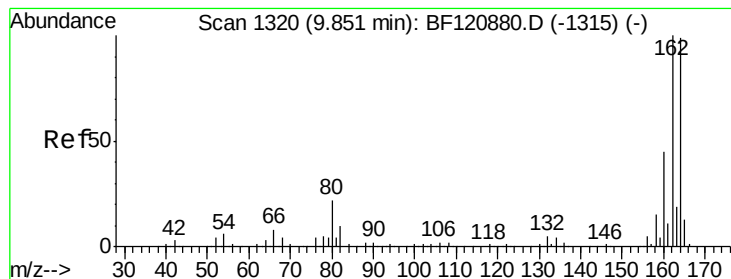


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130545BSD

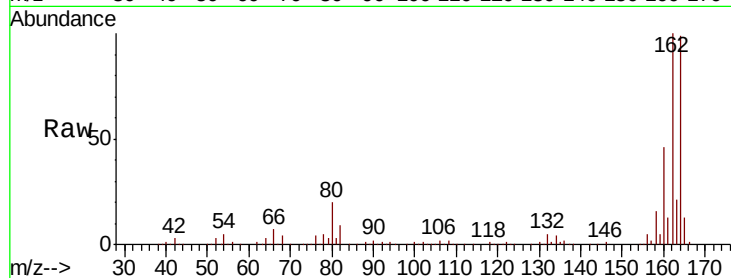
Tot Ion:164 Resp: 302081

Ion Ratio Lower Upper

164 100

162 101.1 82.2 123.2

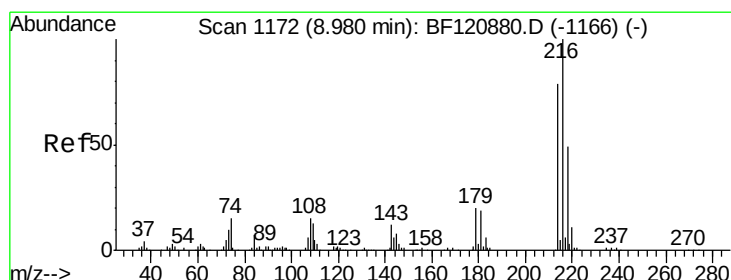
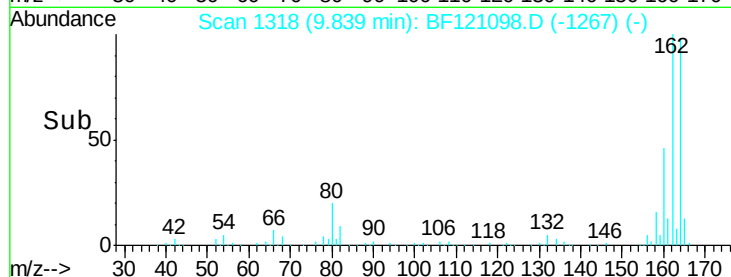
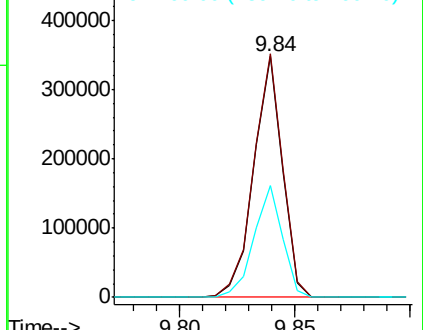
160 46.5 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.984 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Tgt Ion:216 Resp: 360712

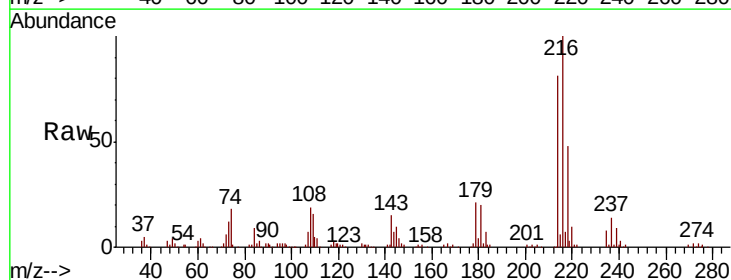
Ion Ratio Lower Upper

216 100

214 79.2 63.9 95.9

179 20.3 16.6 24.8

108 20.5 15.0 22.4

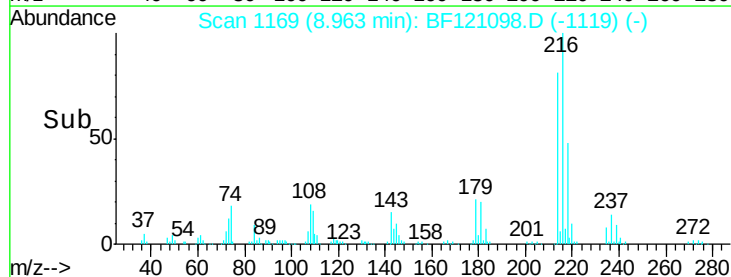
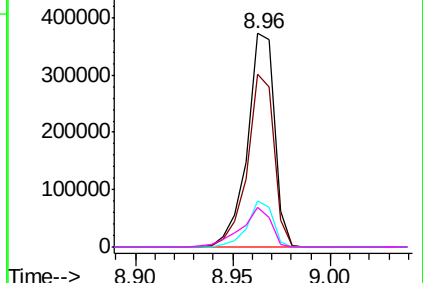


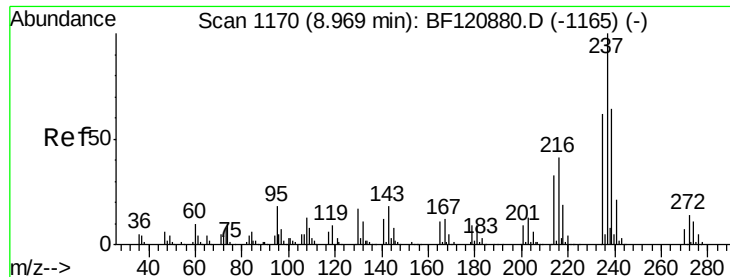
Abundance Ion 216.00 (215.70 to 216.70): E

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

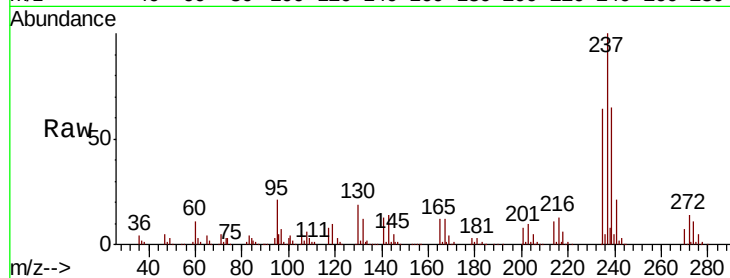




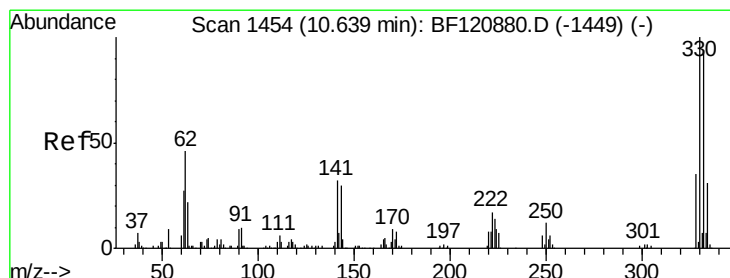
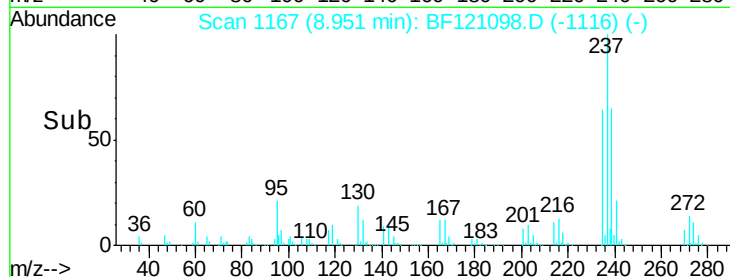
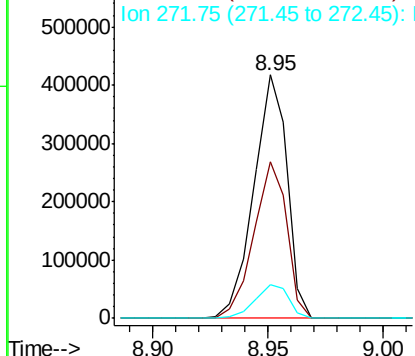
#41
Hexachlorocyclopentadiene
Concen: 86.430 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion:	237	Resp:	420423
Ion	Ratio	Lower	Upper
237	100		
235	64.1	43.2	83.2
272	13.9	0.0	33.6

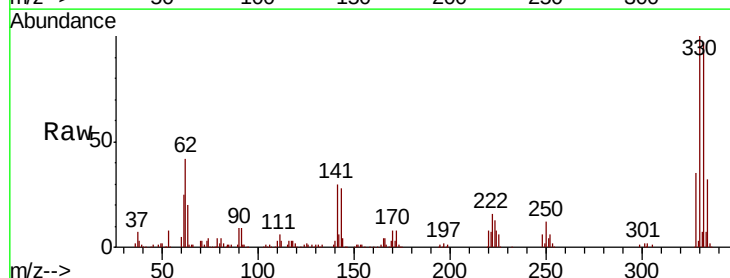


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

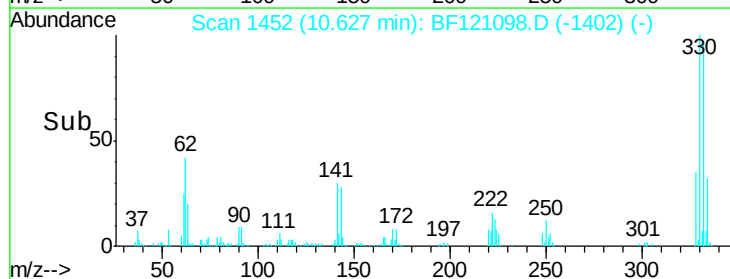
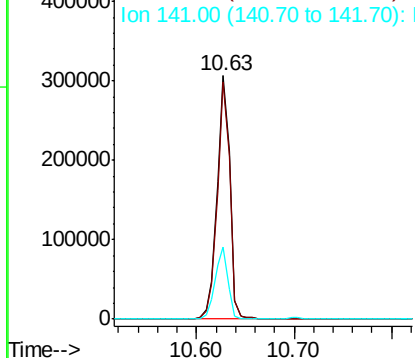


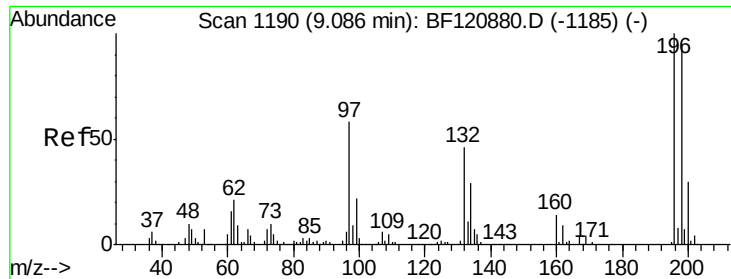
#42
2,4,6-Tribromophenol
Concen: 84.359 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion:	330	Resp:	278940
Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.1	114.1
141	29.9	24.1	36.1



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

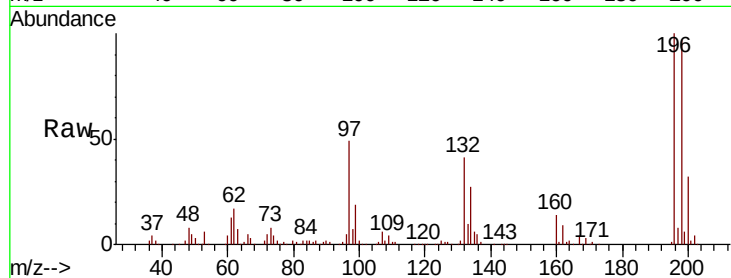




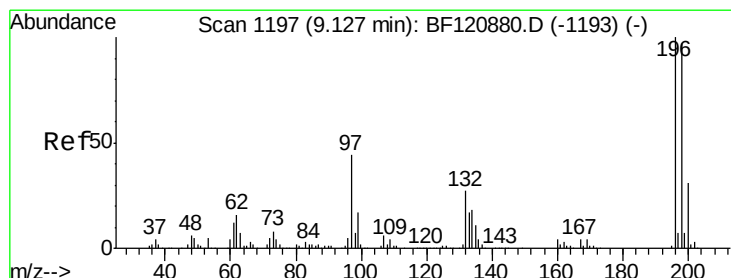
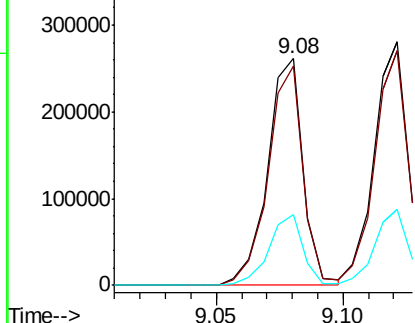
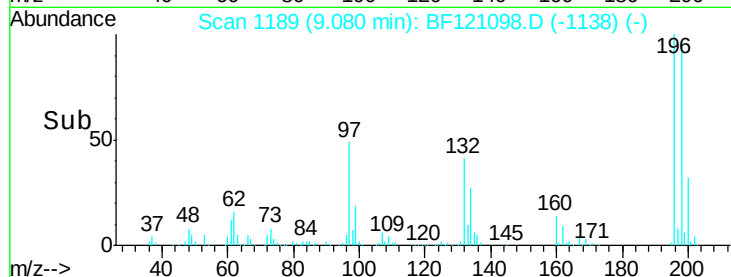
#43
 2,4,6-Trichlorophenol
 Concen: 41.290 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	77.5	116.3
200	31.5	24.6	37.0

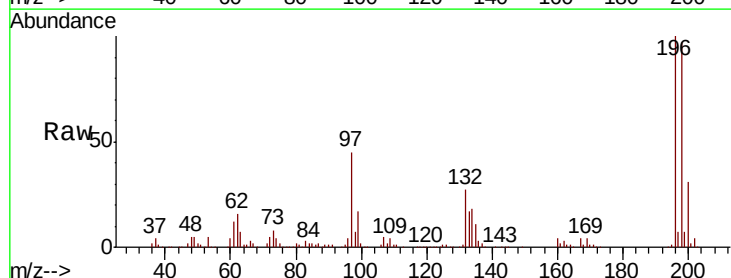


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

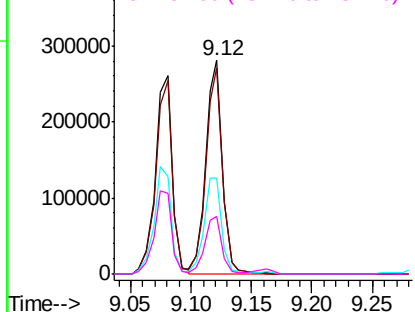
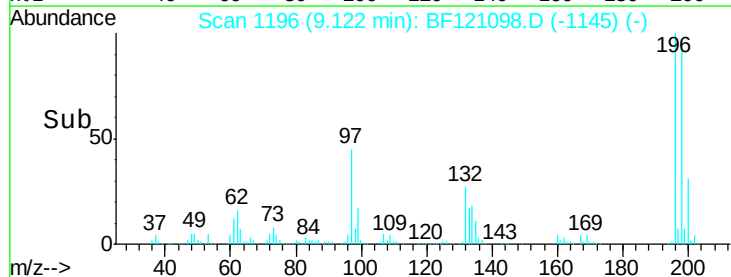


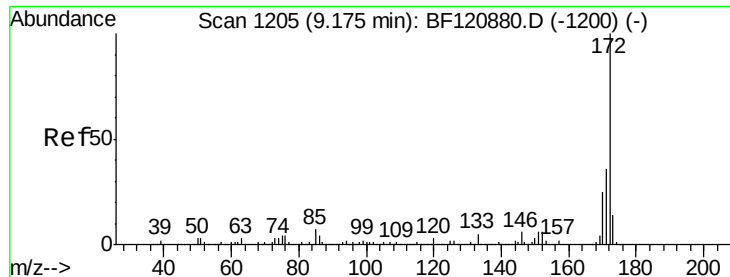
#44
 2,4,5-Trichlorophenol
 Concen: 38.067 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.2	114.4
97	44.7	37.3	55.9
132	26.9	22.0	33.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

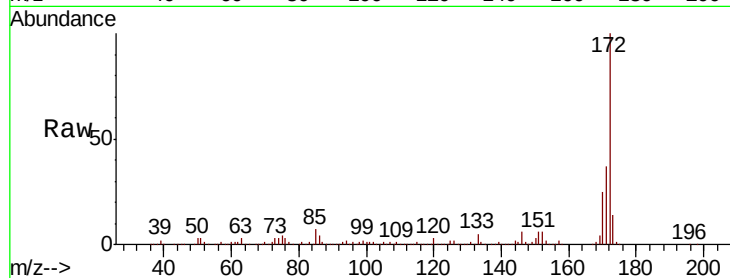




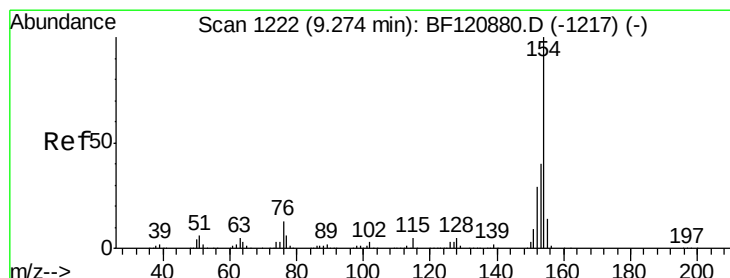
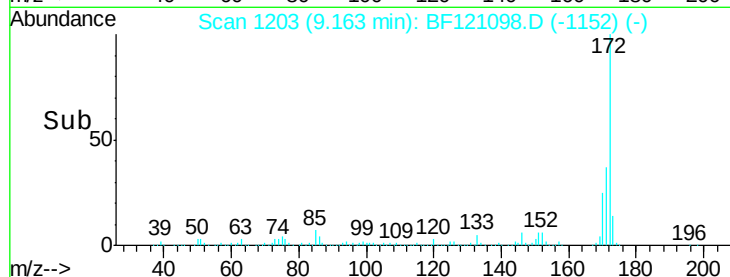
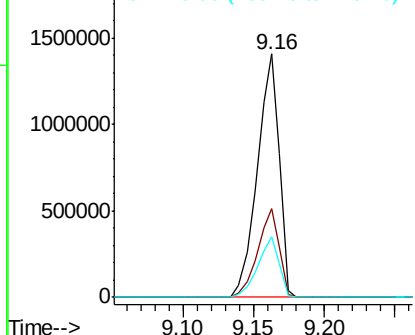
#45
2-Fluorobiphenyl
Concen: 75.943 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion:172 Resp: 1536515
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.4
170 24.6 19.6 29.4

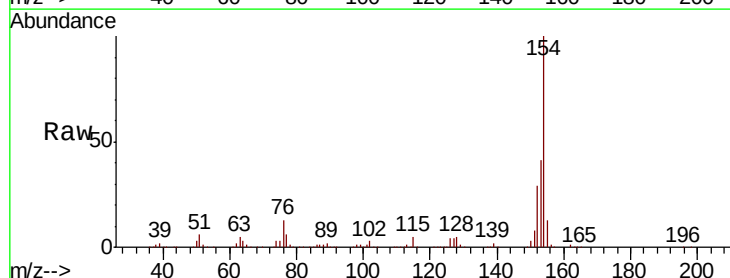


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

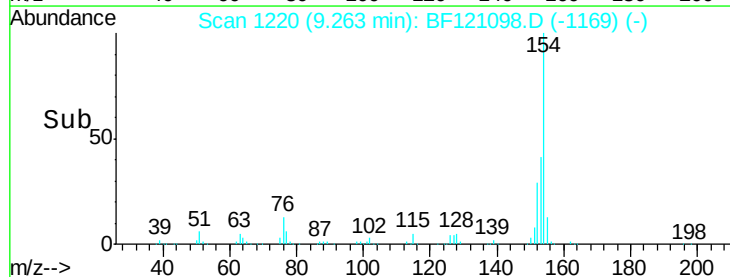
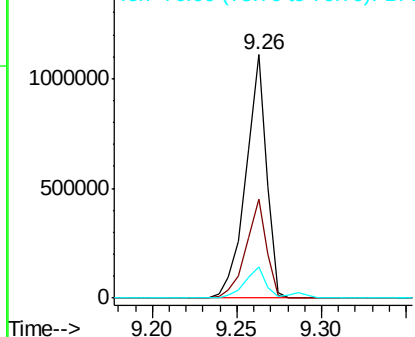


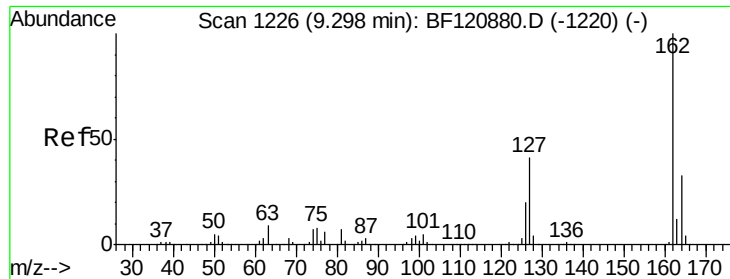
#46
1,1'-Biphenyl
Concen: 41.441 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion:154 Resp: 954909
Ion Ratio Lower Upper
154 100
153 40.6 20.6 60.6
76 12.6 0.0 33.4



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

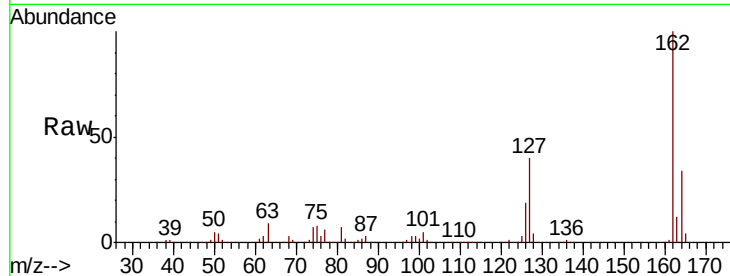




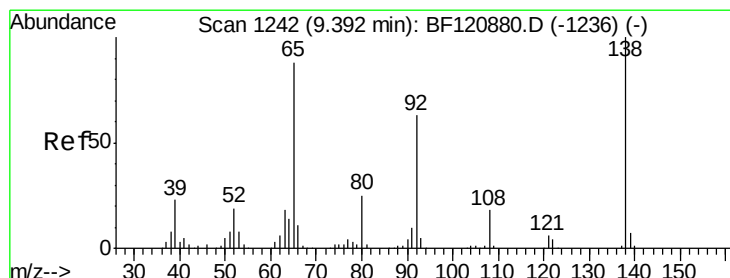
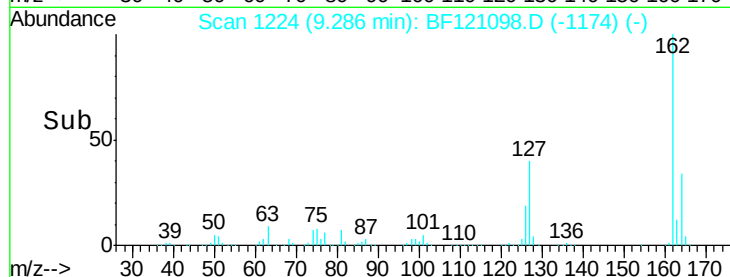
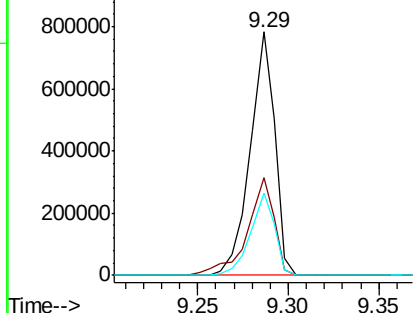
#47
 2-Chloronaphthalene
 Concen: 39.159 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	31.1	46.7
164	33.6	26.6	40.0

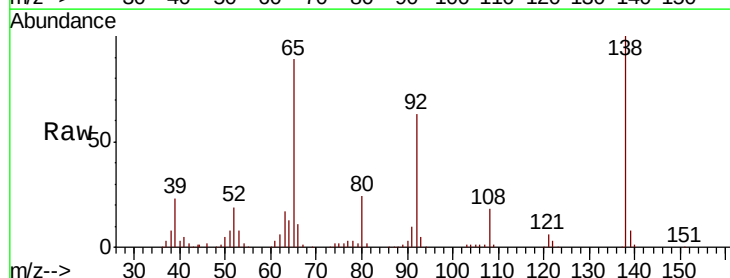


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

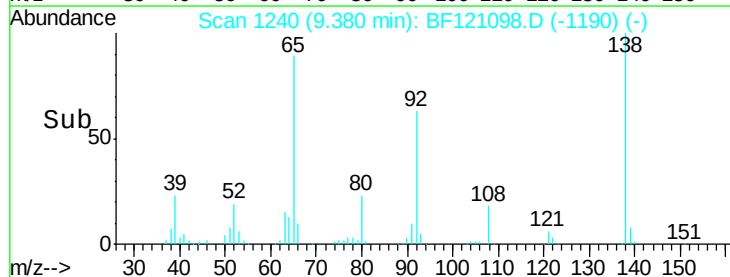
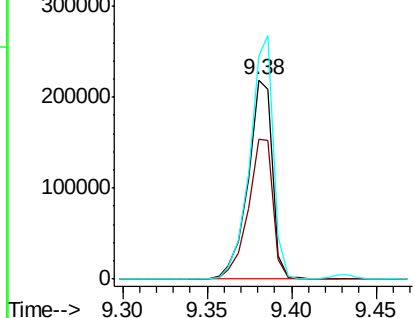


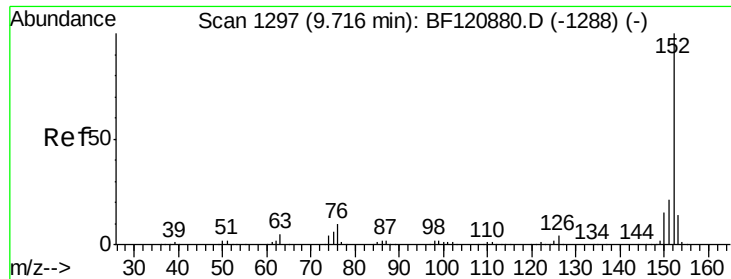
#48
 2-Nitroaniline
 Concen: 39.015 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	58.0	87.0
138	112.1	93.3	139.9



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: 40.185 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130545BSD

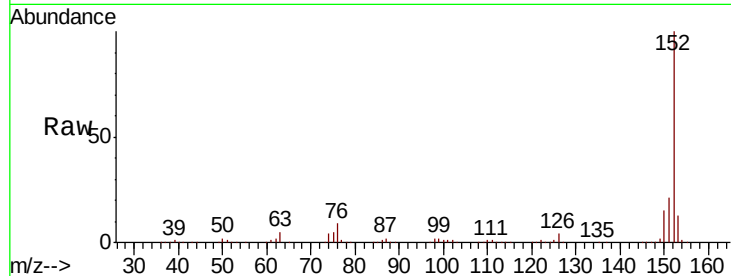
Tot Ion:152 Resp: 1172820

Ion Ratio Lower Upper

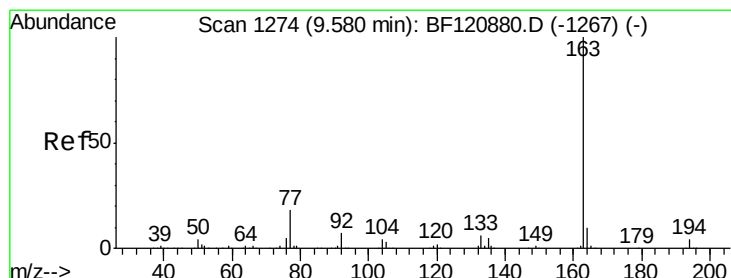
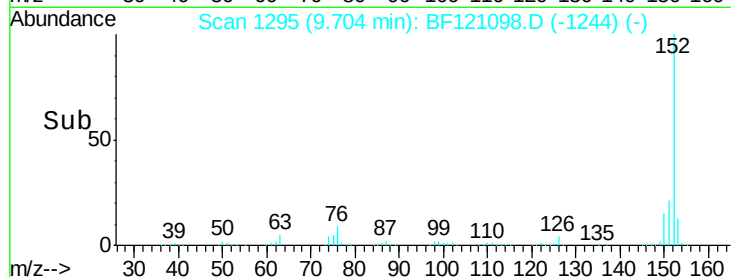
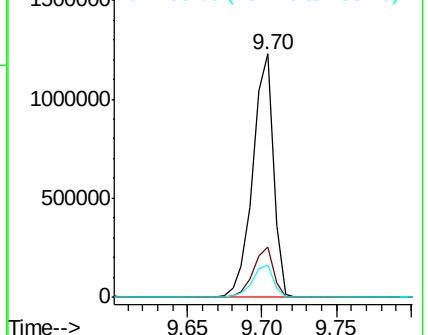
152 100

151 20.6 16.6 25.0

153 13.3 11.0 16.4



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: 39.015 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

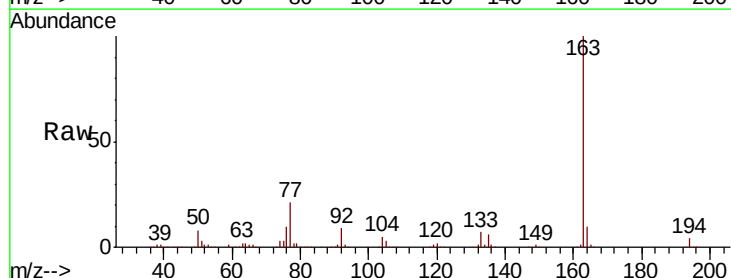
Tgt Ion:163 Resp: 850271

Ion Ratio Lower Upper

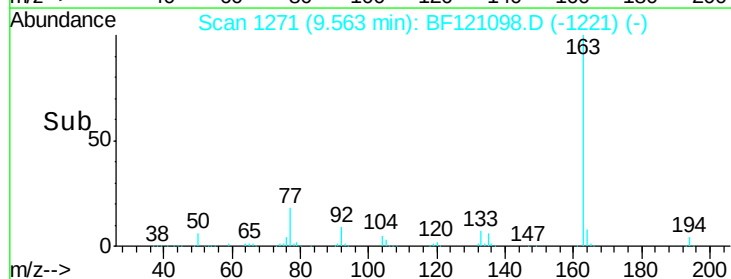
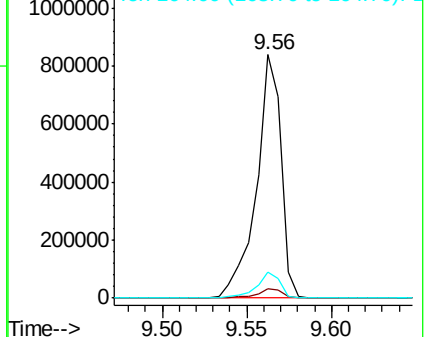
163 100

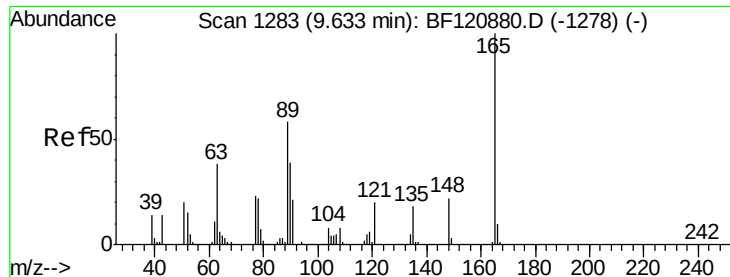
194 3.8 3.0 4.4

164 10.5 8.4 12.6



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

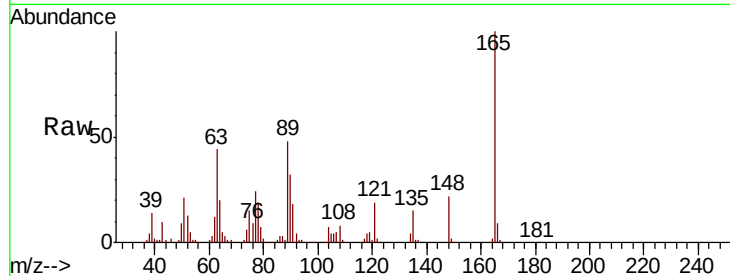




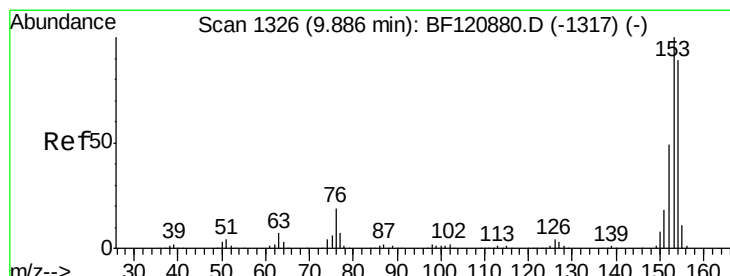
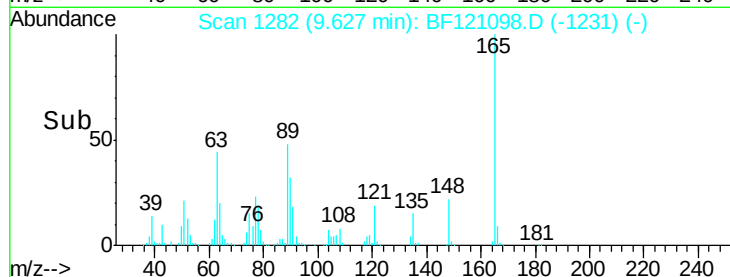
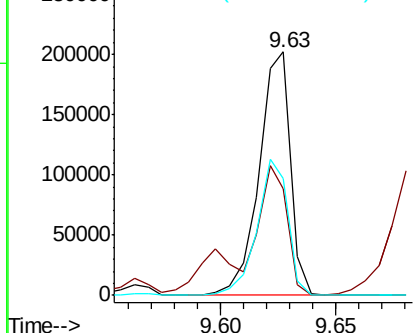
#51
 2,6-Dinitrotoluene
 Concen: 40.888 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

Tot Ion:165 Resp: 191439
 Ion Ratio Lower Upper
 165 100
 63 44.0 41.1 61.7
 89 48.3 43.5 65.3

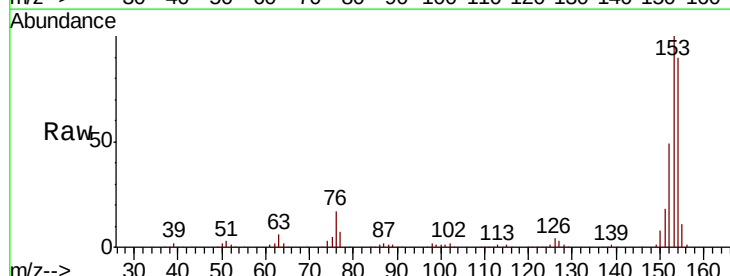


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

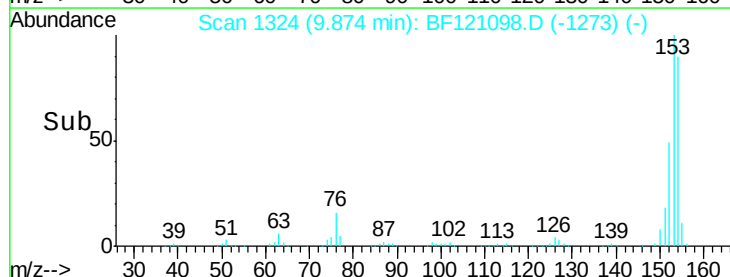
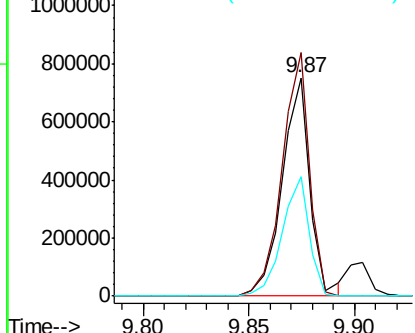


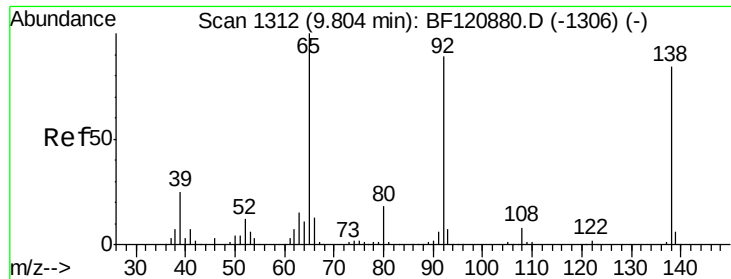
#52
 Acenaphthene
 Concen: 37.309 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Tgt Ion:154 Resp: 692291
 Ion Ratio Lower Upper
 154 100
 153 111.5 89.6 134.4
 152 54.6 43.8 65.6



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

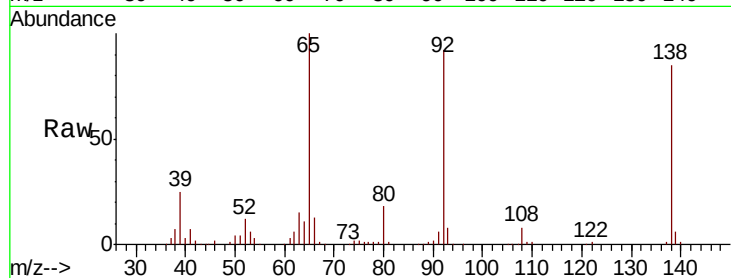




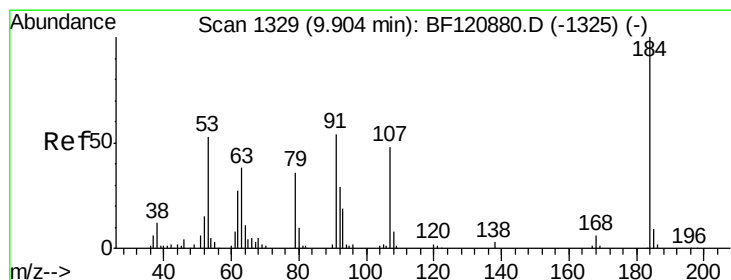
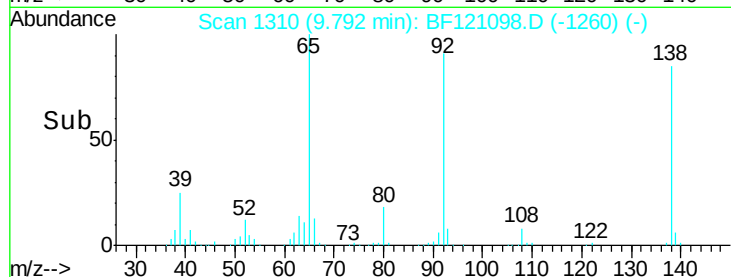
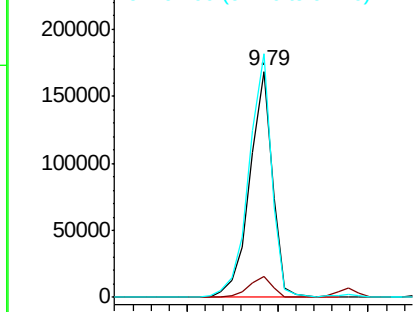
#53
 3-Nitroaniline
 Concen: 24.952 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

Tot Ion:138 Resp: 146520
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.8 11.8
 92 107.7 85.0 127.4

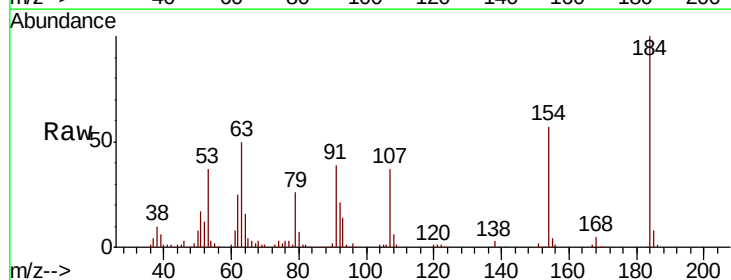


Abundance Ion 138.00 (137.70 to 138.70): E
 250000 Ion 108.00 (107.70 to 108.70): E
 200000 Ion 92.00 (91.70 to 92.70): BF1

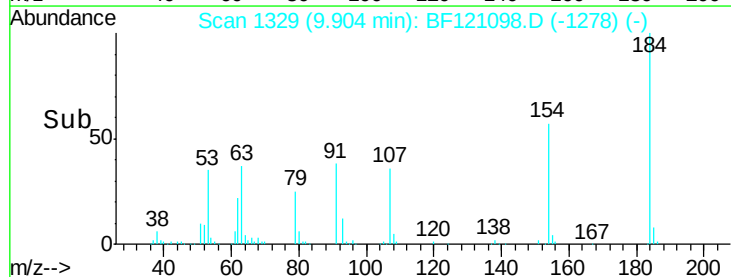
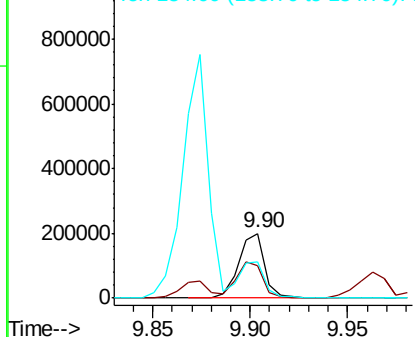


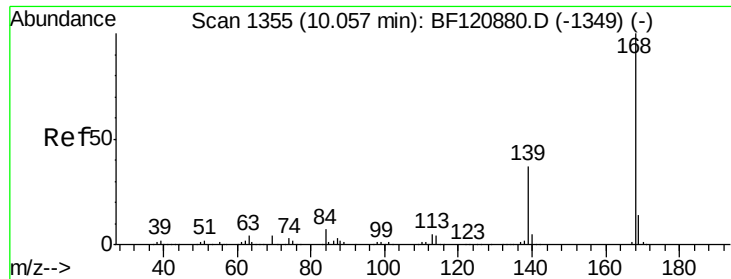
#54
 2,4-Dinitrophenol
 Concen: 70.343 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Tgt Ion:184 Resp: 187144
 Ion Ratio Lower Upper
 184 100
 63 50.5 42.5 63.7
 154 57.1 46.8 70.2



Abundance Ion 184.00 (183.70 to 184.70): E
 1000000 Ion 63.00 (62.70 to 63.70): BF1
 800000 Ion 154.00 (153.70 to 154.70): E

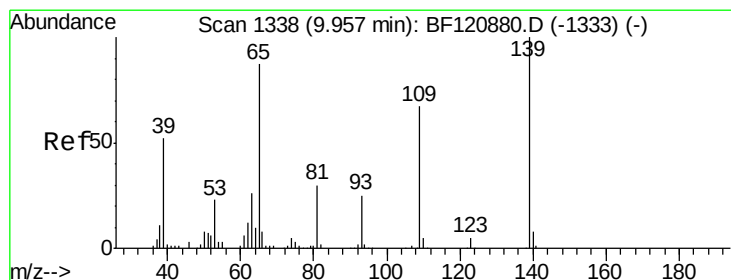
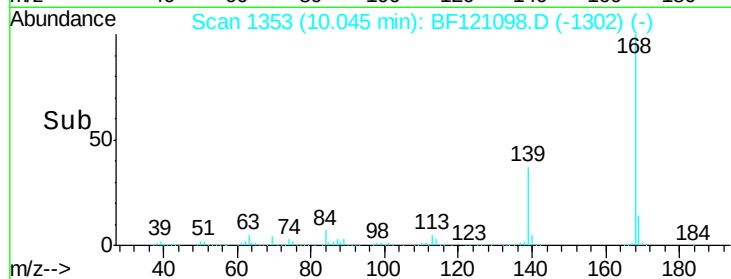
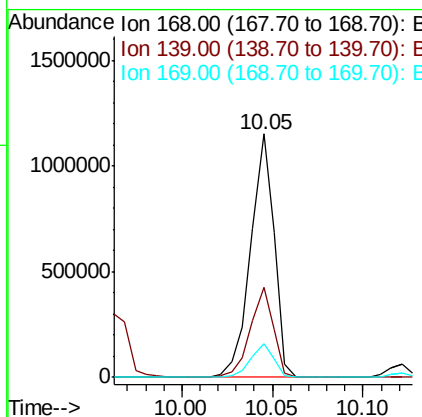
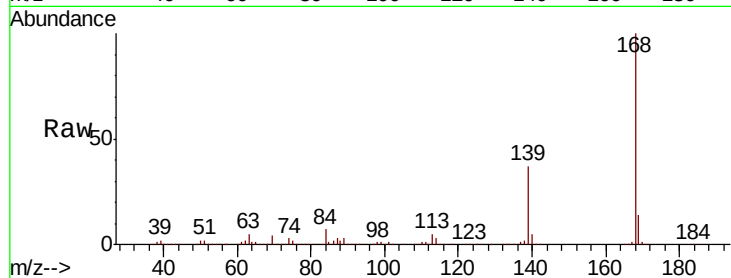




#55
Dibenzofuran
Concen: 38.601 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

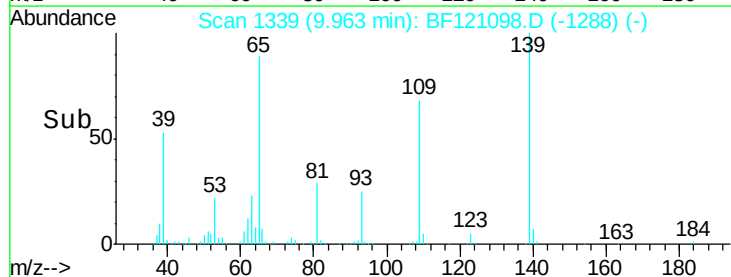
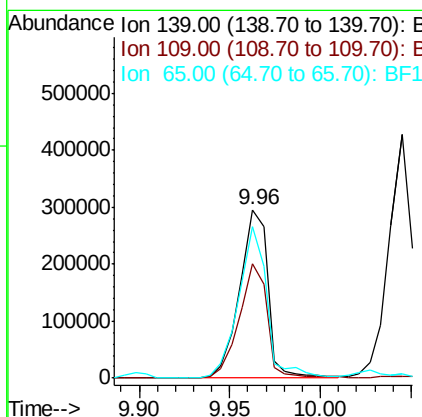
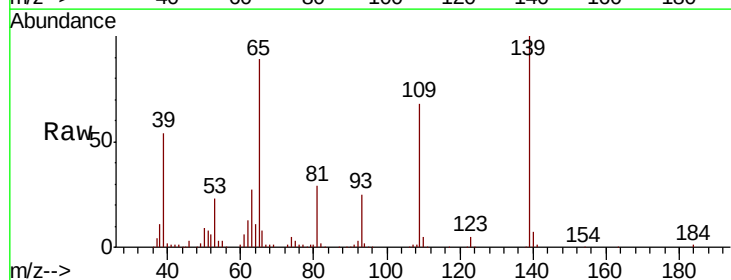
Instrument :
BNA_F
ClientSampleId :
PB130545BSD

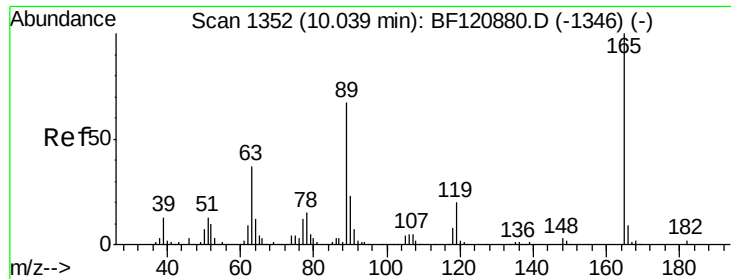
Tot Ion:168 Resp: 1035782
Ion Ratio Lower Upper
168 100
139 37.1 30.1 45.1
169 13.8 11.3 16.9



#56
4-Nitrophenol
Concen: 72.224 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion:139 Resp: 322166
Ion Ratio Lower Upper
139 100
109 67.5 44.8 84.8
65 89.5 65.6 105.6

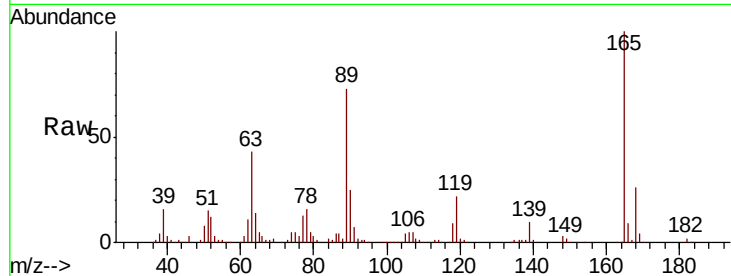




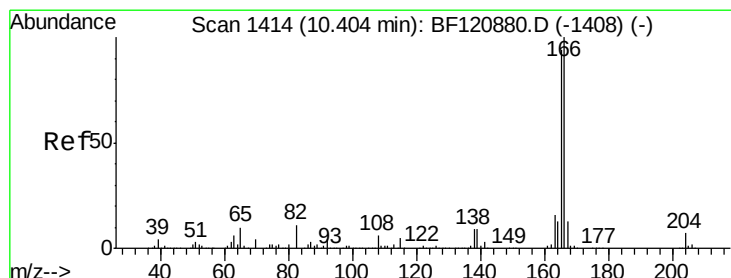
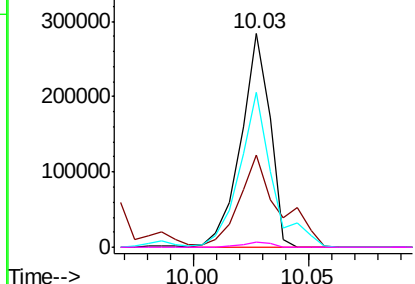
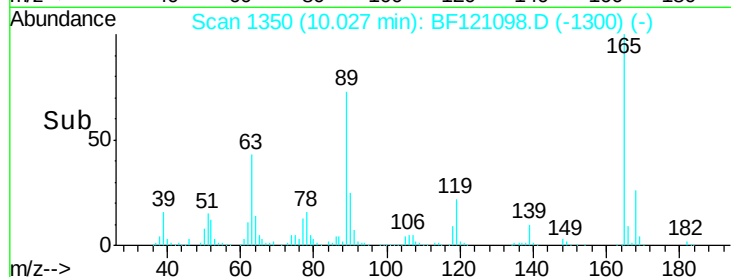
#57
2,4-Dinitrotoluene
Concen: 40.657 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion:165	Resp:	249983
Ion	Ratio	Lower Upper
165	100	
63	43.0	29.8 44.8
89	72.6	50.3 75.5
182	2.3	2.1 3.1

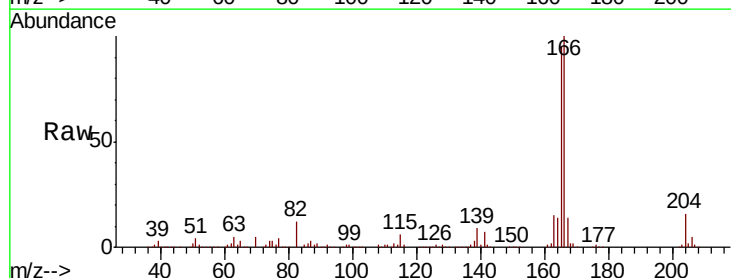


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

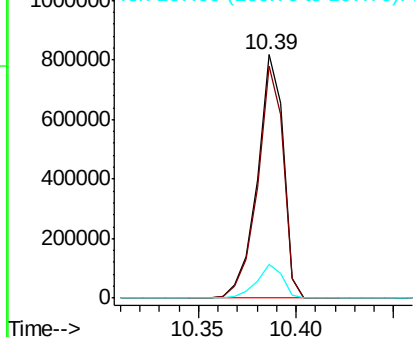
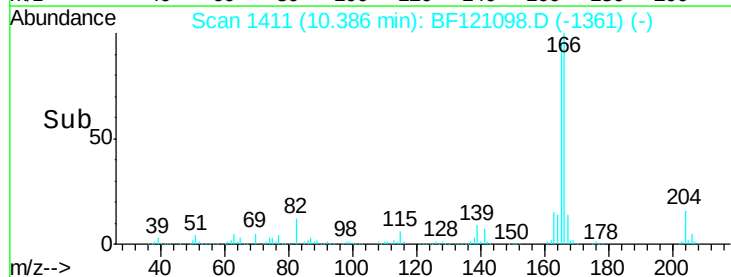


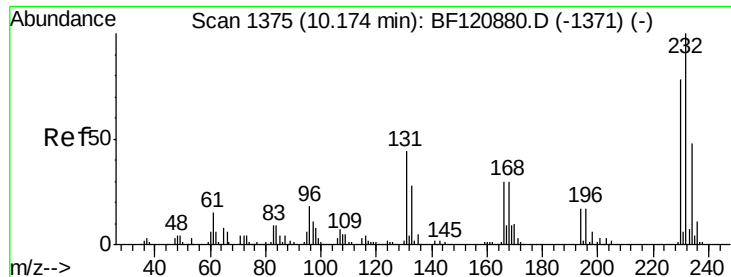
#58
Fluorene
Concen: 37.522 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion:166	Resp:	750924
Ion	Ratio	Lower Upper
166	100	
165	95.4	76.4 114.6
167	13.7	10.7 16.1



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

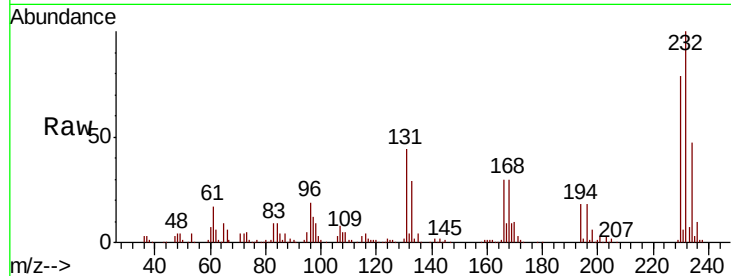




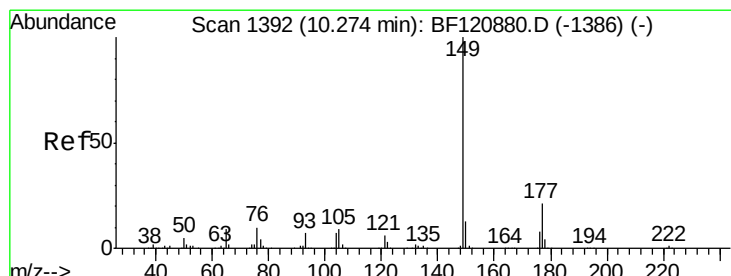
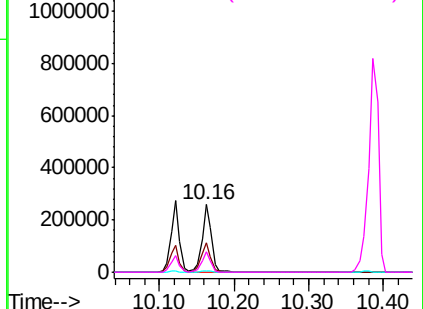
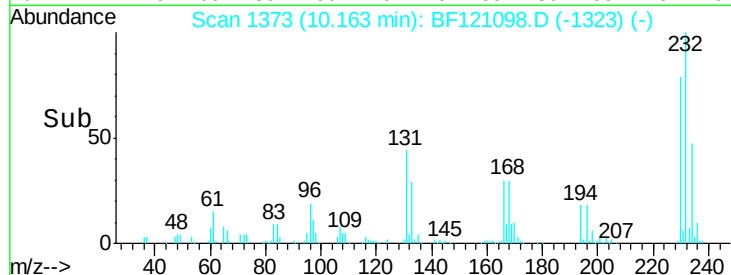
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.742 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

Tot Ion:	232	Resp:	228757
Ion	Ratio	Lower	Upper
232	100		
131	43.3	34.2	51.2
130	2.1	1.7	2.5
166	29.0	23.1	34.7

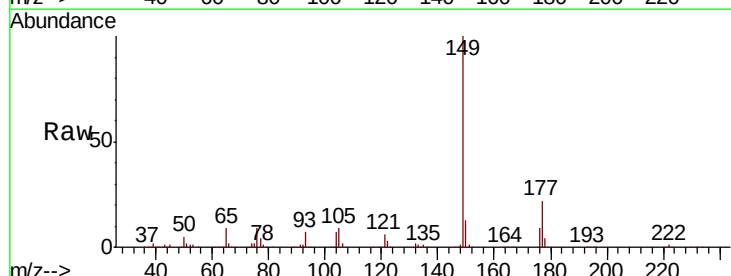


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

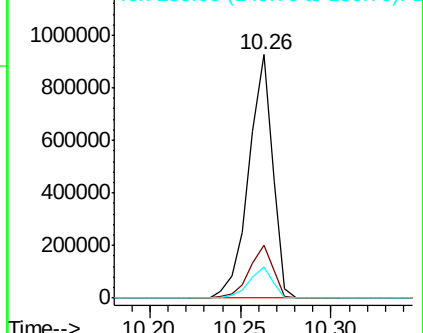
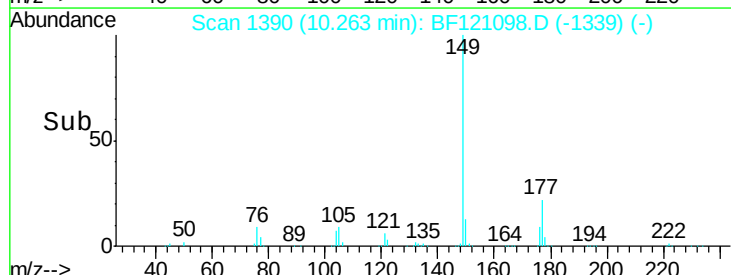


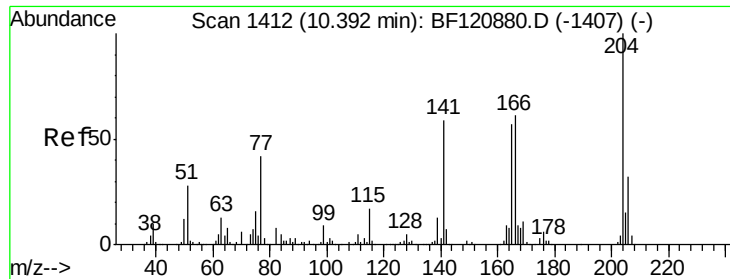
#60
 Diethylphthalate
 Concen: 38.462 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Tgt Ion:	149	Resp:	847835
Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.6	26.4
150	12.6	10.2	15.4



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

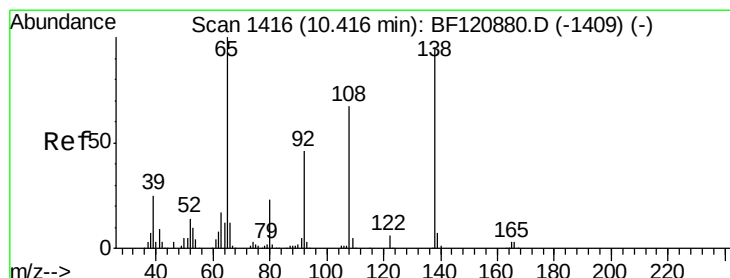
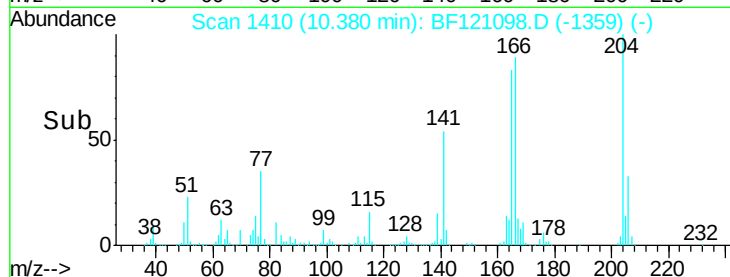
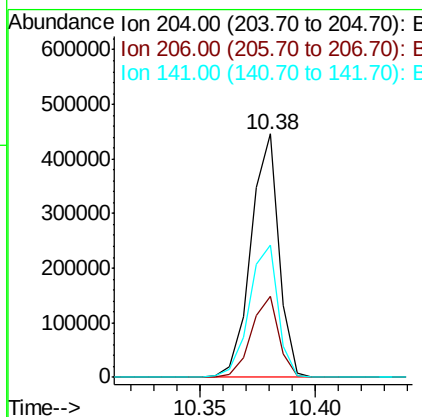
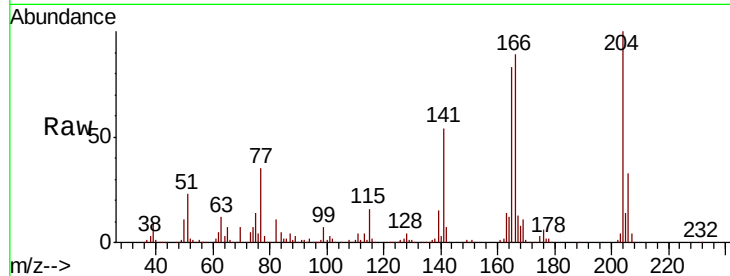




#61
 4-Chlorophenyl-phenylether
 Concen: 35.229 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

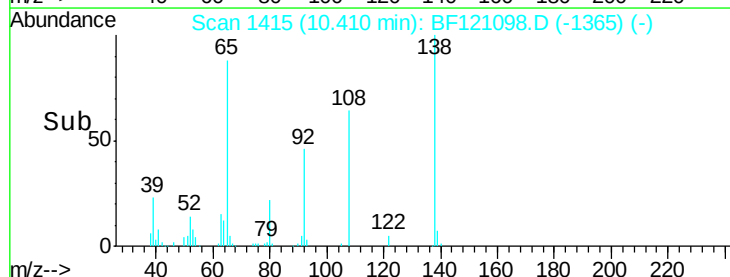
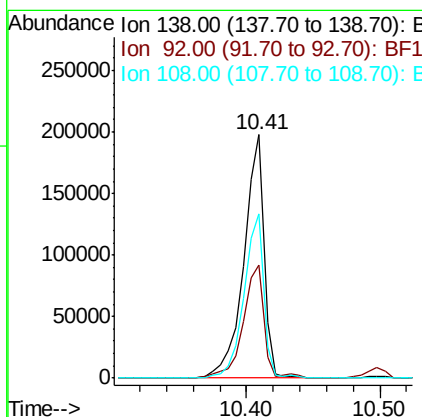
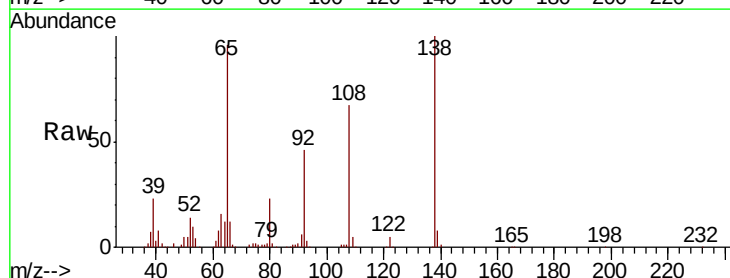
Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

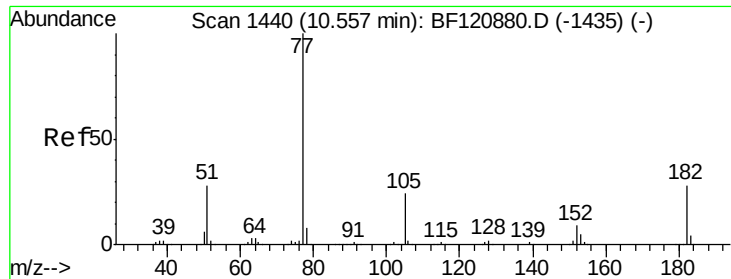
Tot Ion:	204	Resp:	376042
Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.0	39.0
141	54.5	46.9	70.3



#62
 4-Nitroaniline
 Concen: 36.164 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Tgt Ion:	138	Resp:	206862
Ion	Ratio	Lower	Upper
138	100		
92	46.3	25.2	65.2
108	67.2	46.7	86.7





#63

Azobenzene

Concen: 38.410 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130545BSD

Tot Ion: 77 Resp: 806047

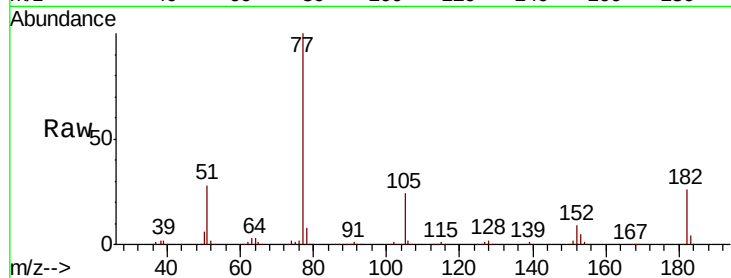
Ion Ratio Lower Upper

77 100

182 26.0 4.5 44.5

105 23.7 3.4 43.4

51 27.8 8.7 48.7

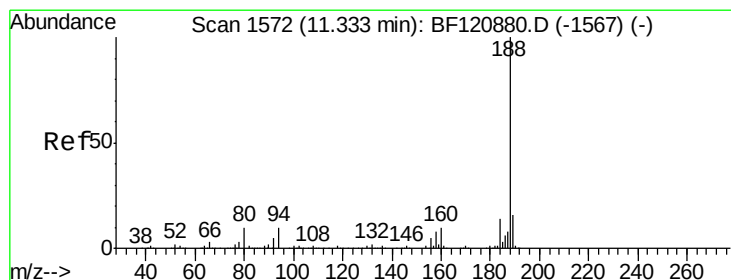
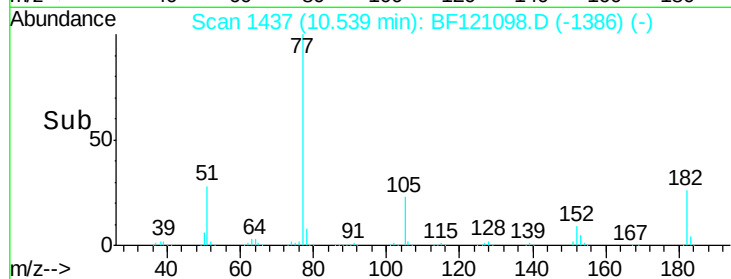
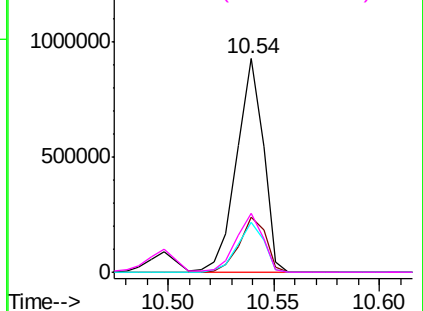


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

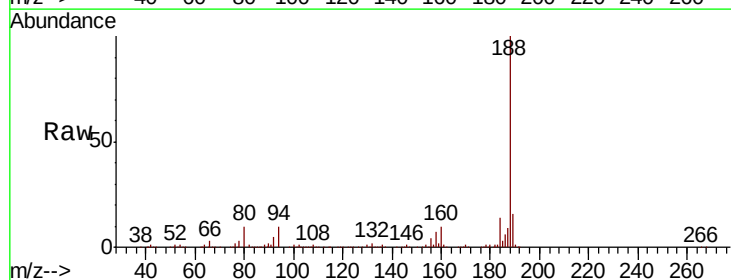
Tgt Ion: 188 Resp: 563542

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

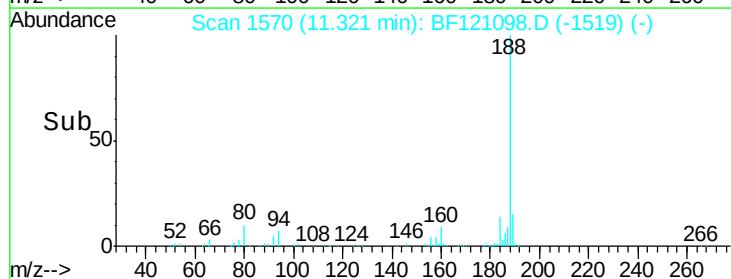
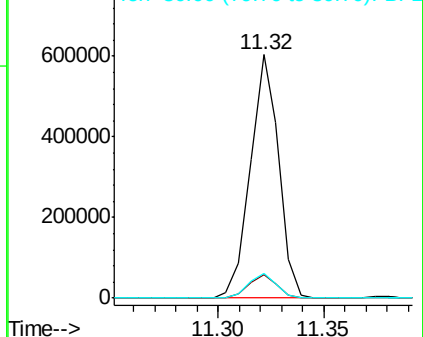
80 10.2 8.3 12.5

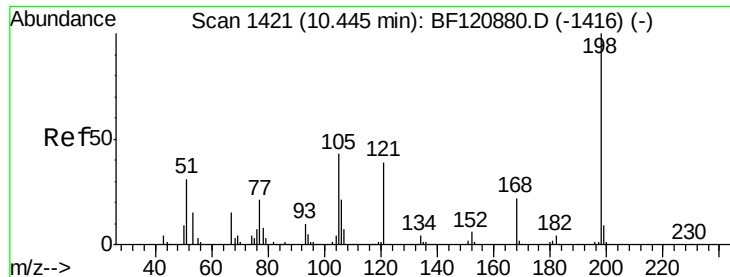


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

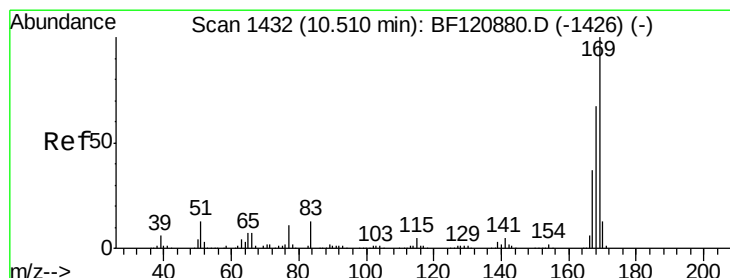
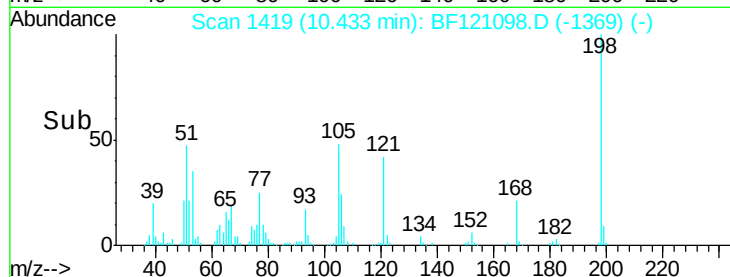
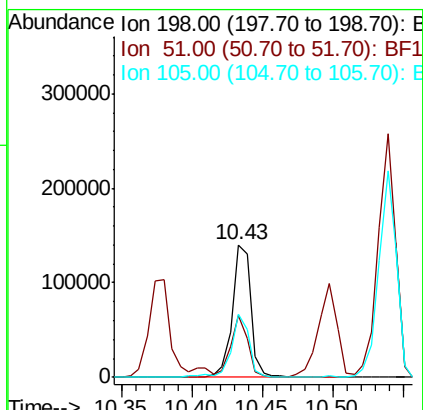
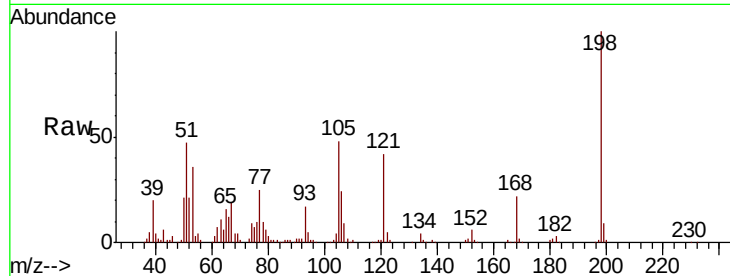




#65
4,6-Dinitro-2-methylphenol
Concen: 40.213 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

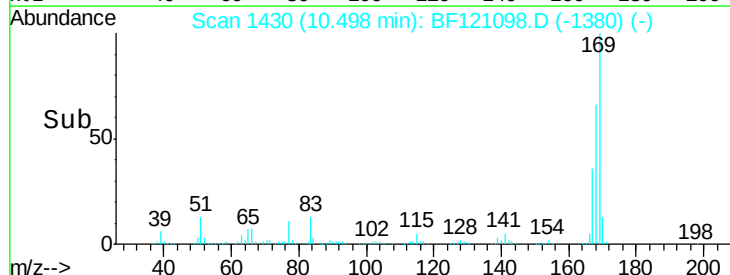
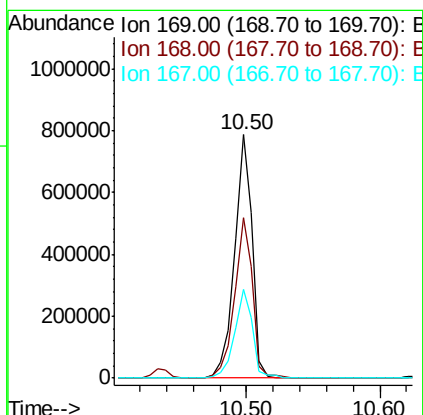
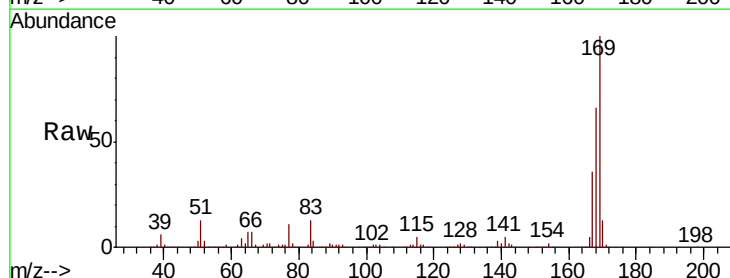
Instrument :
BNA_F
ClientSampleId :
PB130545BSD

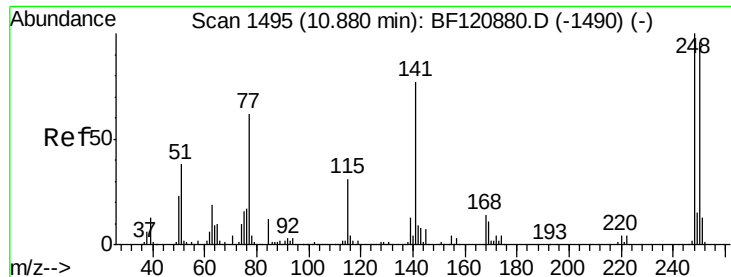
Tot Ion:198 Resp: 128948
Ion Ratio Lower Upper
198 100
51 46.9 23.4 63.4
105 47.6 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 40.980 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion:169 Resp: 726496
Ion Ratio Lower Upper
169 100
168 66.1 53.7 80.5
167 36.2 30.0 45.0

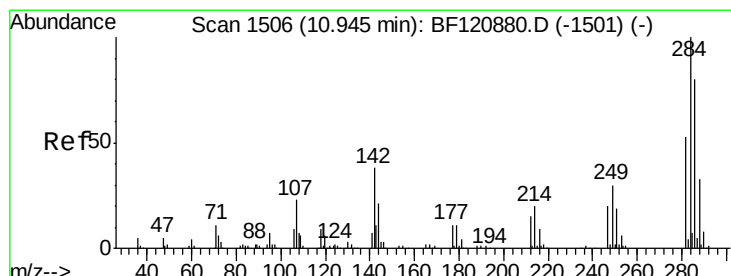
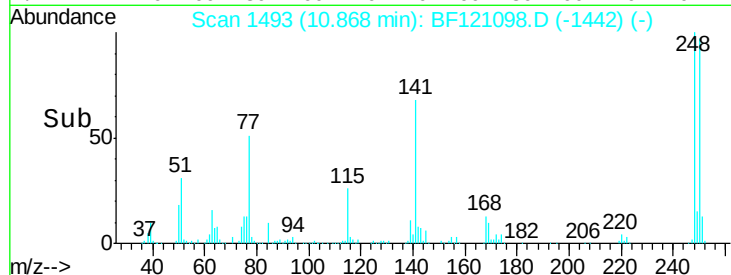
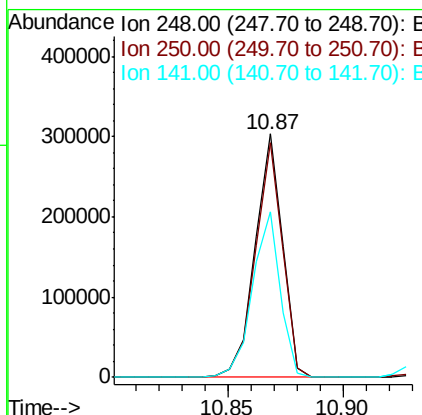
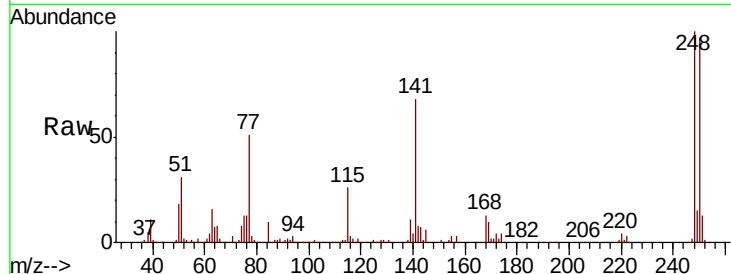




#67
 4-Bromophenyl-phenylether
 Concen: 40.049 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

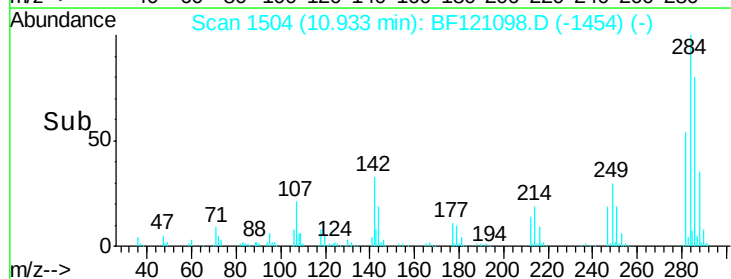
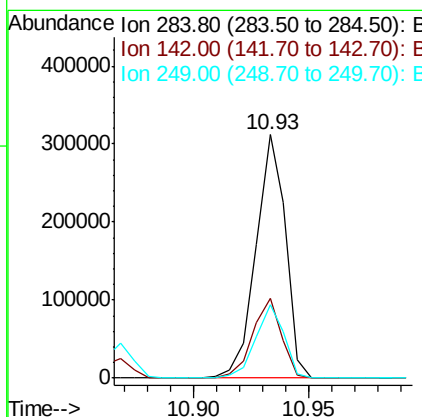
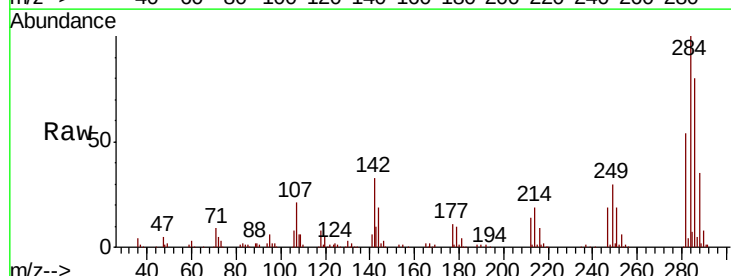
Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

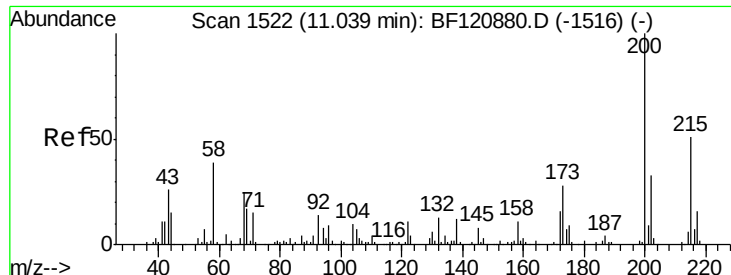
Tot Ion:248 Resp: 251627
 Ion Ratio Lower Upper
 248 100
 250 96.6 77.0 115.6
 141 67.9 56.6 85.0



#68
 Hexachlorobenzene
 Concen: 40.968 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Tgt Ion:284 Resp: 278441
 Ion Ratio Lower Upper
 284 100
 142 32.9 21.1 31.7#
 249 30.1 22.5 33.7





#69

Atrazine

Concen: 45.947 ng

RT: 11.03 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130545BSD

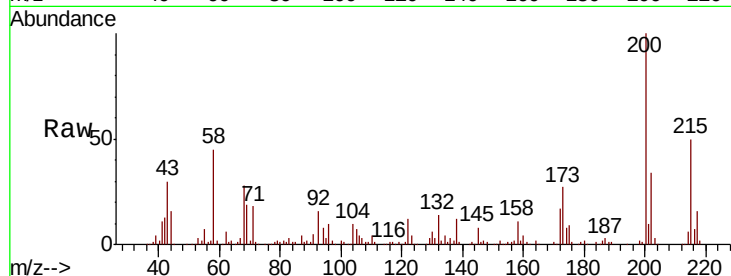
Tot Ion:200 Resp: 201729

Ion Ratio Lower Upper

200 100

173 27.3 7.6 47.6

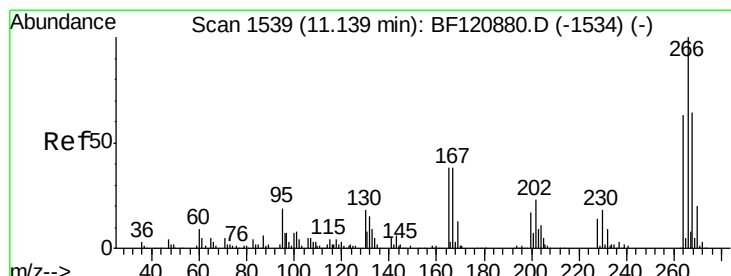
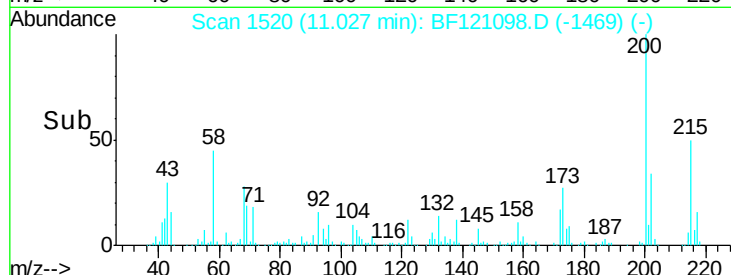
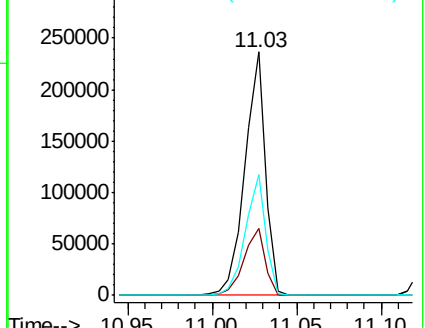
215 49.8 28.8 68.8



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: 79.145 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

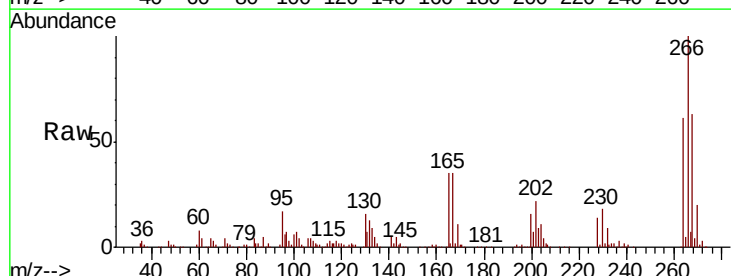
Tgt Ion:266 Resp: 308164

Ion Ratio Lower Upper

266 100

268 62.9 49.7 74.5

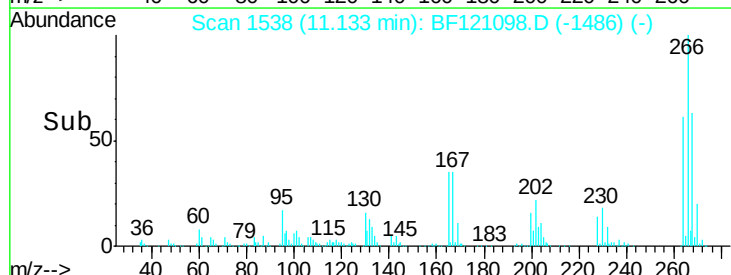
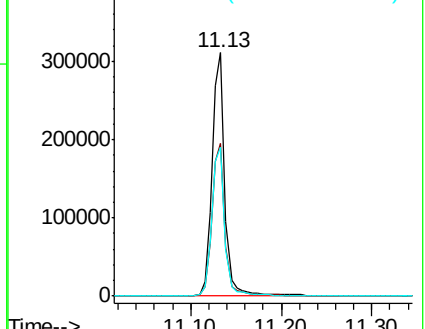
264 61.2 50.4 75.6

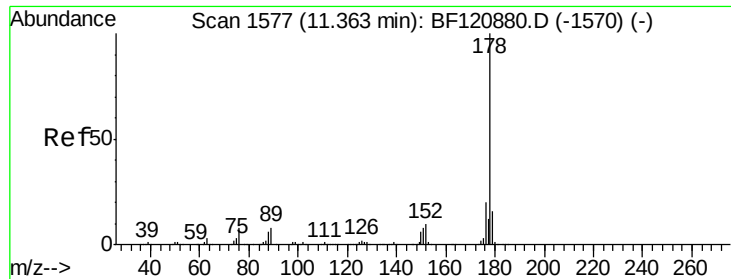


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

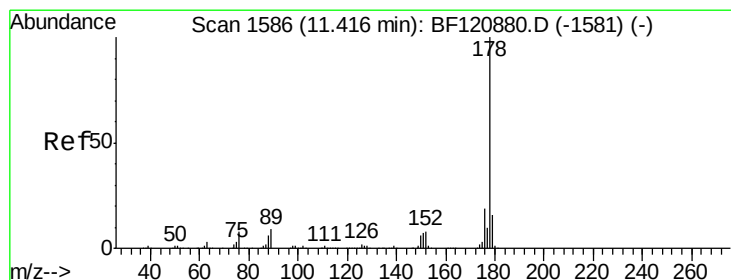
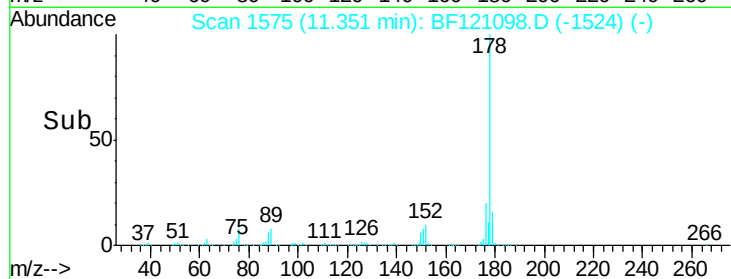
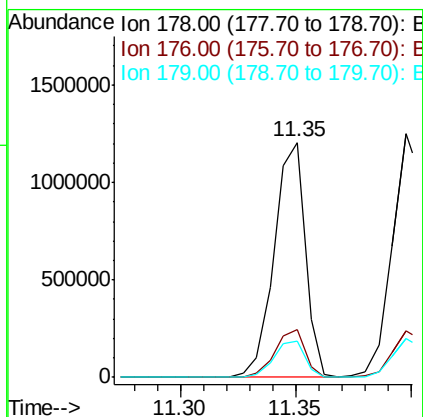
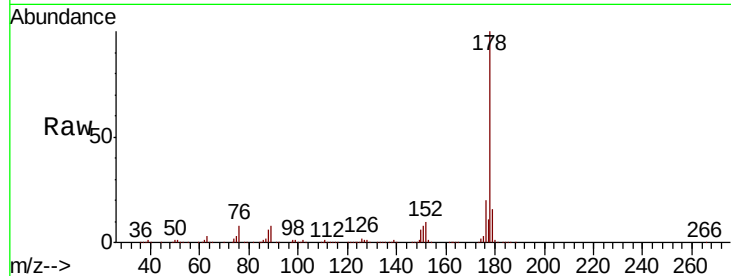




#71
Phenanthrene
Concen: 38.942 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

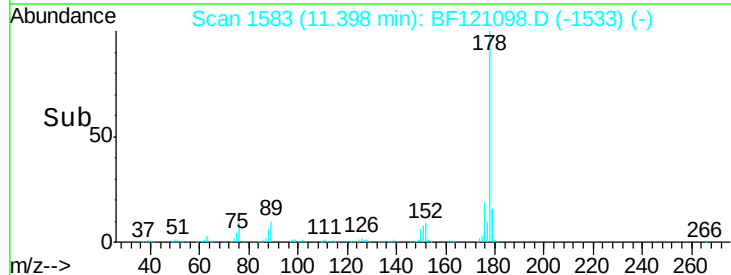
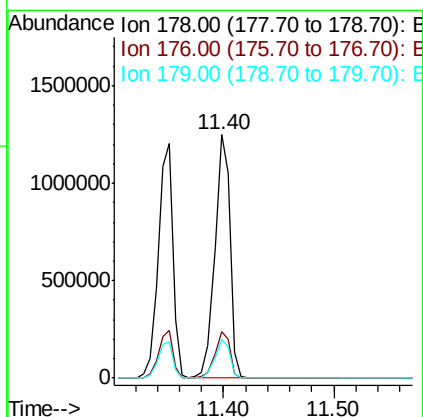
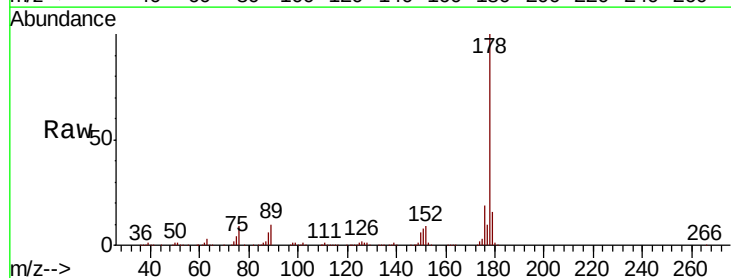
Instrument :
BNA_F
ClientSampleId :
PB130545BSD

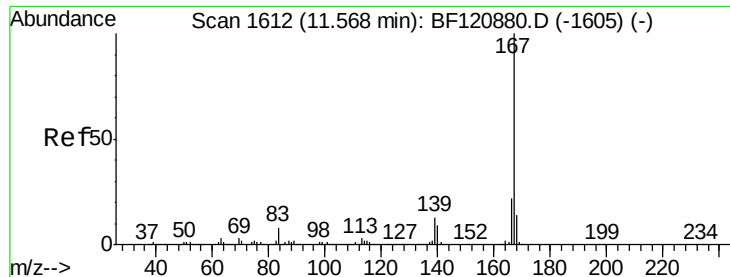
Tot Ion:178 Resp: 1128665
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.2
179 15.6 12.6 19.0



#72
Anthracene
Concen: 40.310 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion:178 Resp: 1173146
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 15.9 12.6 19.0



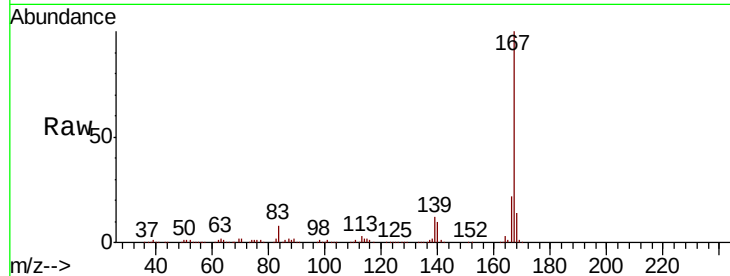


#73
 Carbazole
 Concen: 37.328 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

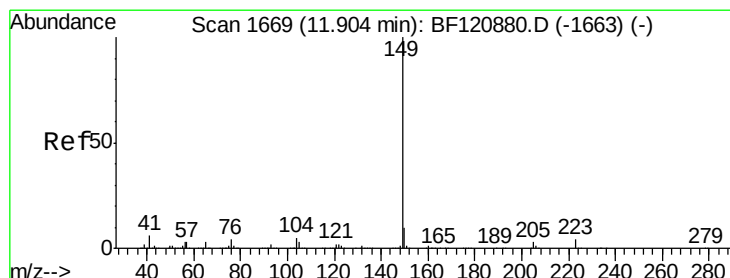
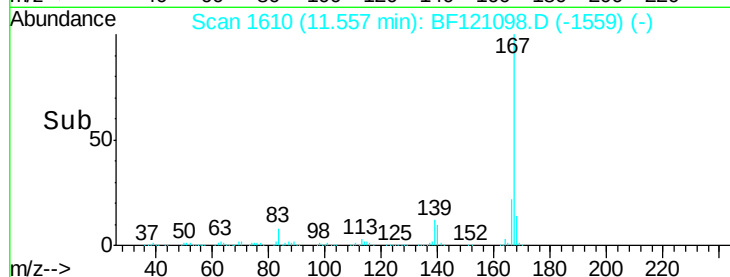
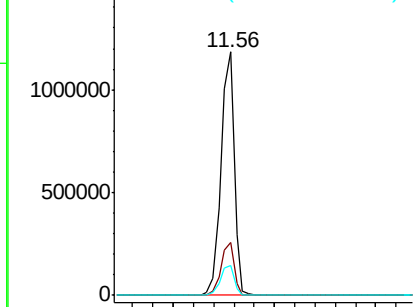
Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

Tot Ion:167 Resp: 1078126

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.5	26.3
139	12.5	10.5	15.7



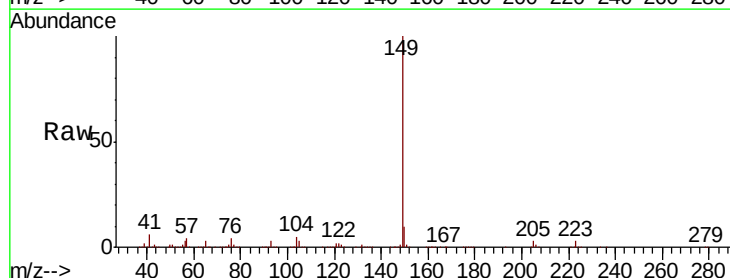
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



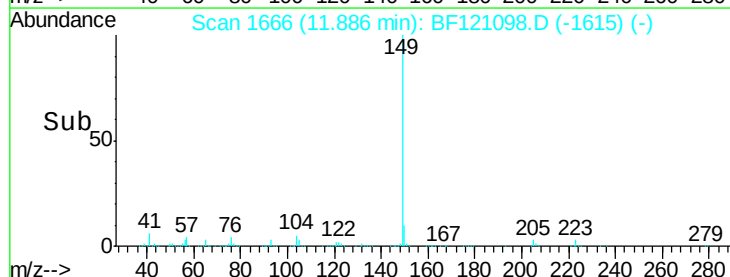
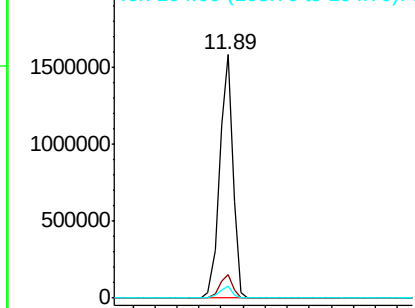
#74
 Di-n-butylphthalate
 Concen: 39.590 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

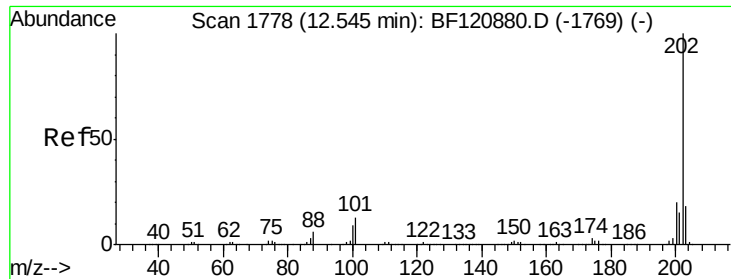
Tgt Ion:149 Resp: 1319546

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.8
104	4.8	3.9	5.9



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

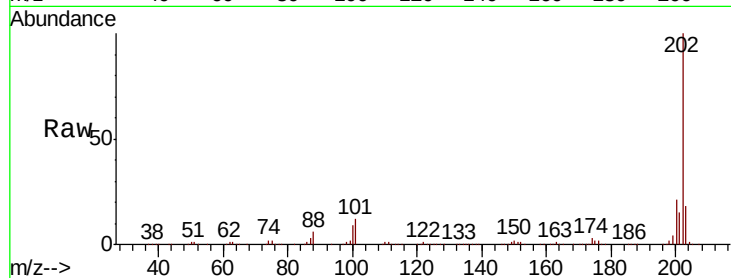




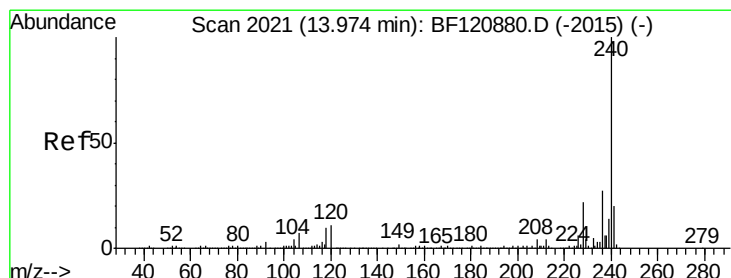
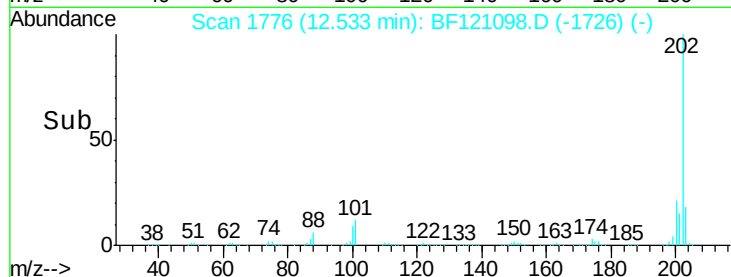
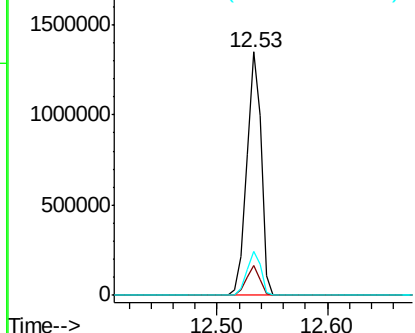
#75
 Fluoranthene
 Concen: 38.410 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. -0.01 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

Tot Ion:202 Resp: 1233958
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 30.5
 203 18.0 0.0 37.7

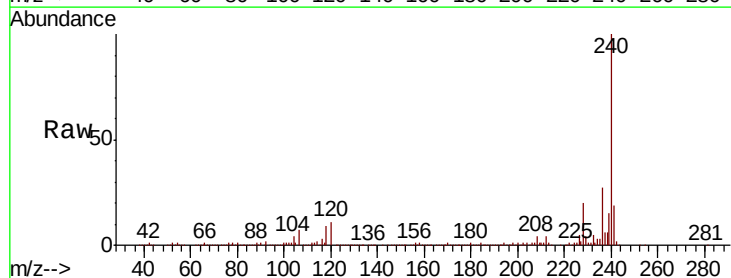


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

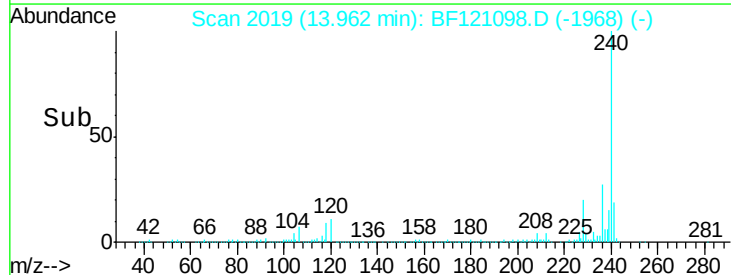
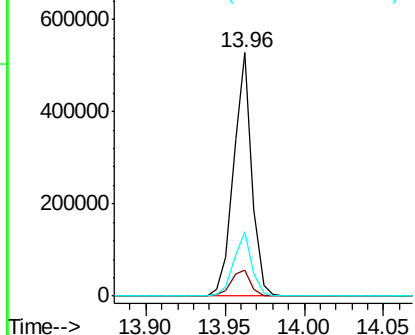


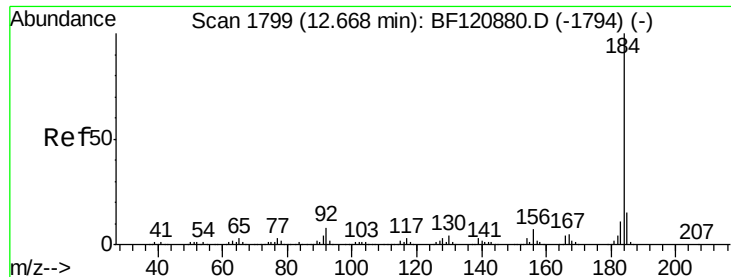
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Tgt Ion:240 Resp: 417213
 Ion Ratio Lower Upper
 240 100
 120 10.7 9.3 13.9
 236 26.6 21.1 31.7



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





#77

Benzidine

Concen: 65.515 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130545BSD

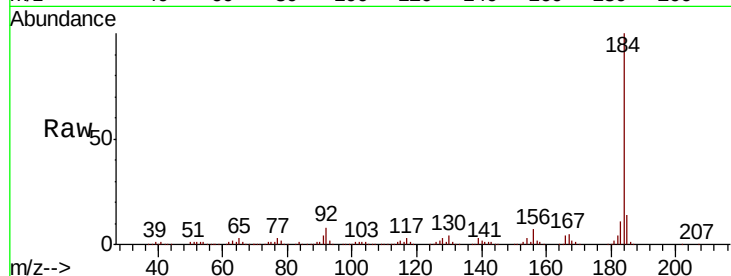
Tot Ion:184 Resp: 718655

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.1	18.1
183	11.0	9.0	13.4

184 100

185 14.5 12.1 18.1

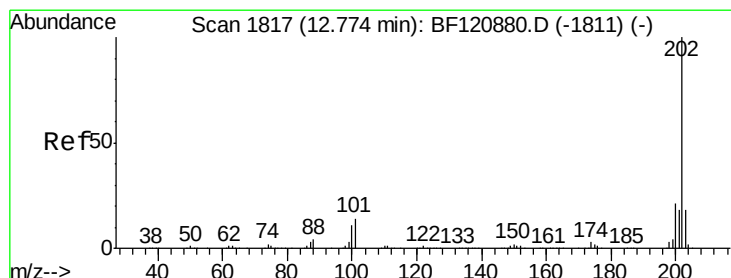
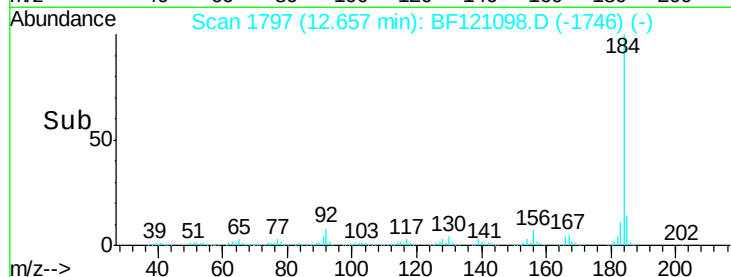
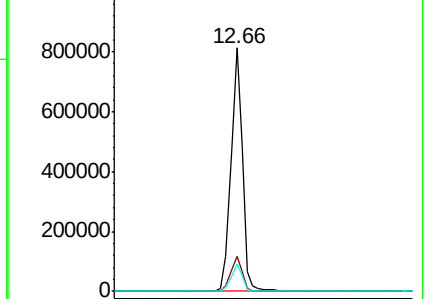
183 11.0 9.0 13.4



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: 42.786 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

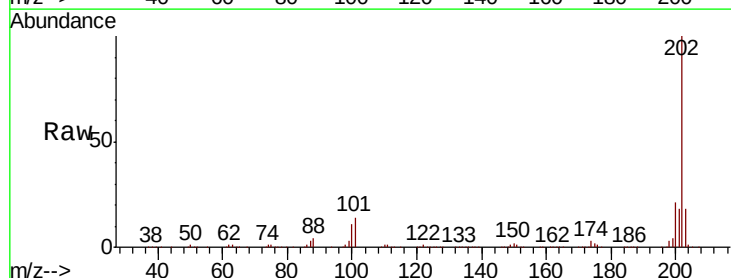
Tgt Ion:202 Resp: 1262052

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.6
203	18.2	14.6	21.8

202 100

200 20.9 17.0 25.6

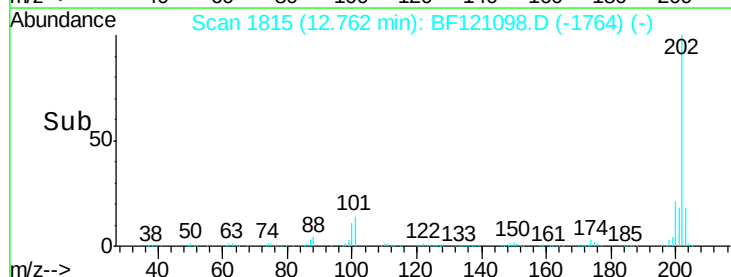
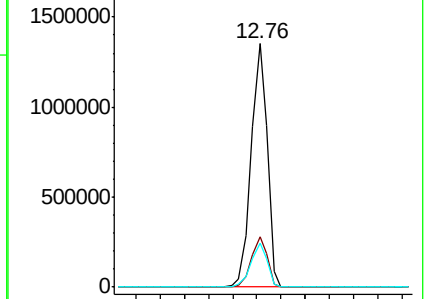
203 18.2 14.6 21.8

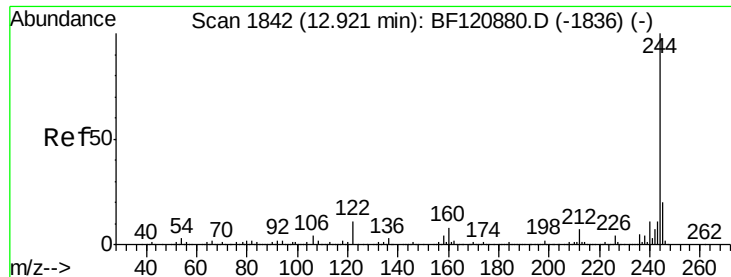


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.634 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130545BSD

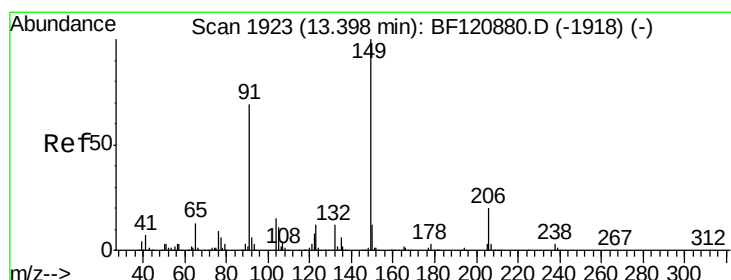
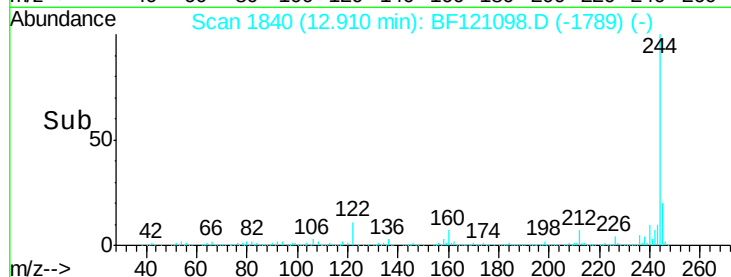
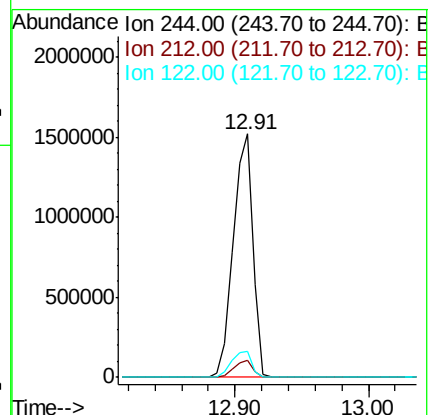
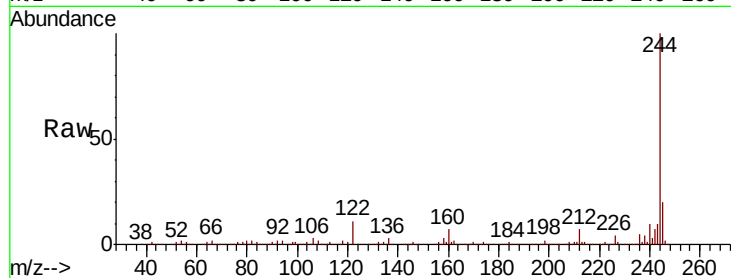
Tot Ion:244 Resp: 1585988

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 10.6 8.3 12.5



#80

Butylbenzylphthalate

Concen: 42.692 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

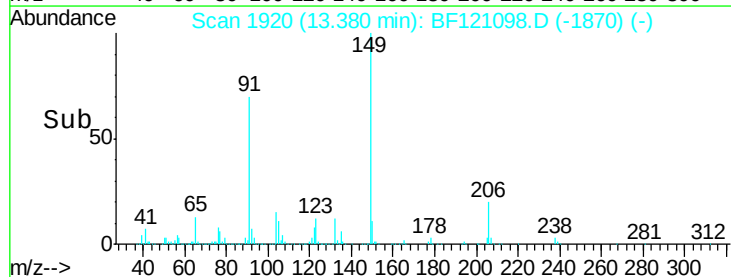
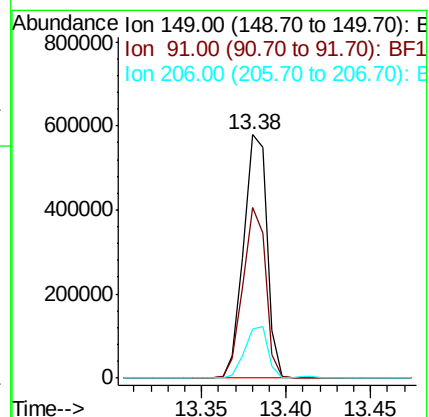
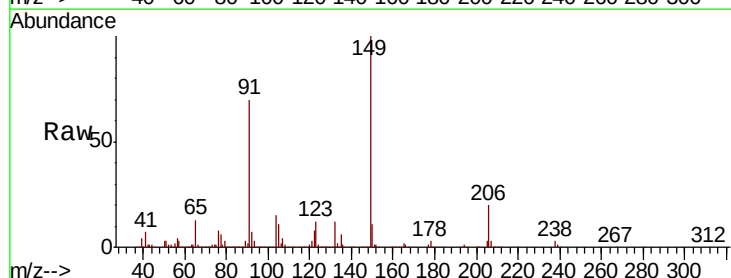
Tgt Ion:149 Resp: 561374

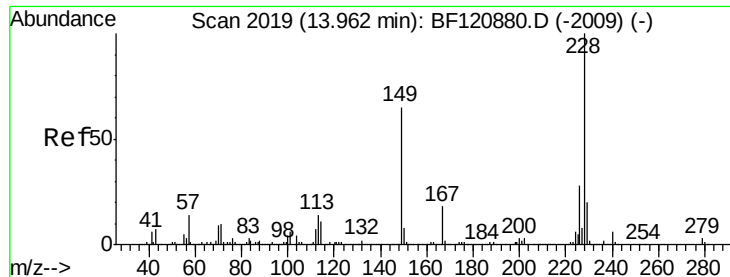
Ion Ratio Lower Upper

149 100

91 70.1 51.4 77.0

206 20.0 17.9 26.9





#81

Benzo(a)anthracene

Concen: 40.173 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

ClientSampled :

PB130545BSD

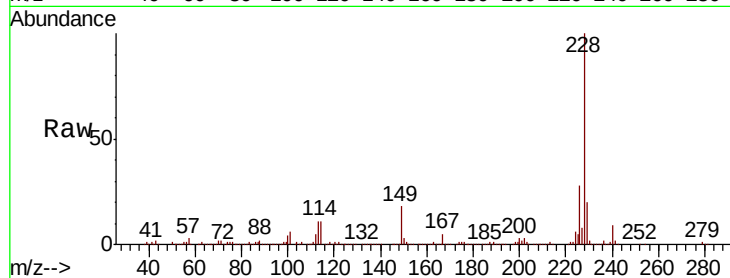
Tot Ion:228 Resp: 1014934

Ion Ratio Lower Upper

228 100

226 27.8 22.6 34.0

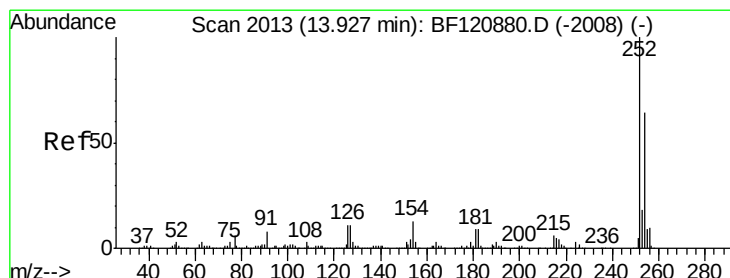
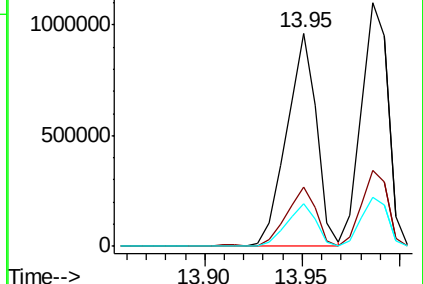
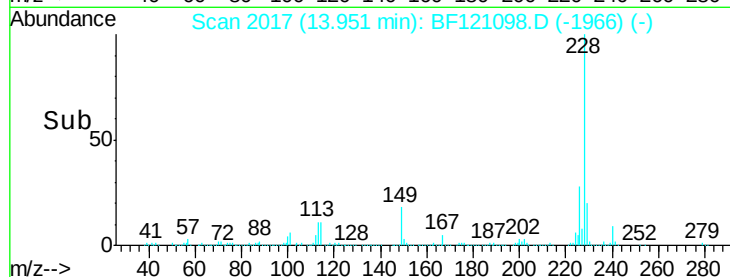
229 20.2 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.874 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

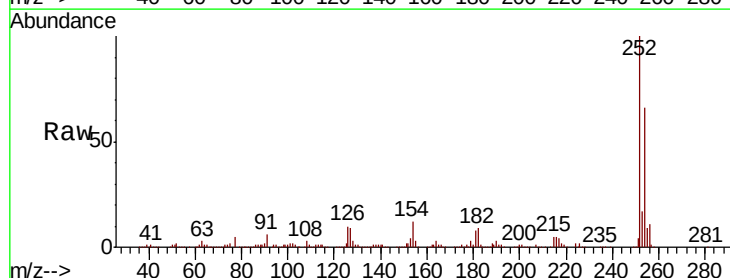
Tgt Ion:252 Resp: 303804

Ion Ratio Lower Upper

252 100

254 65.7 51.3 76.9

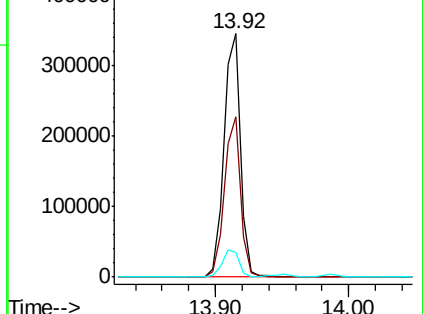
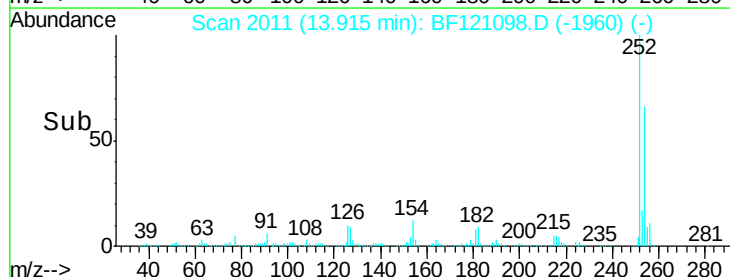
126 9.9 9.2 13.8

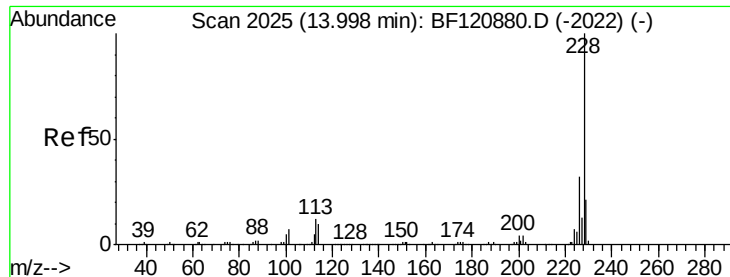


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.348 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130545BSD

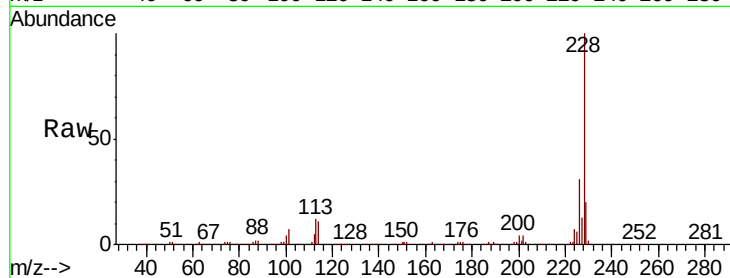
Tot Ion:228 Resp: 1044696

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

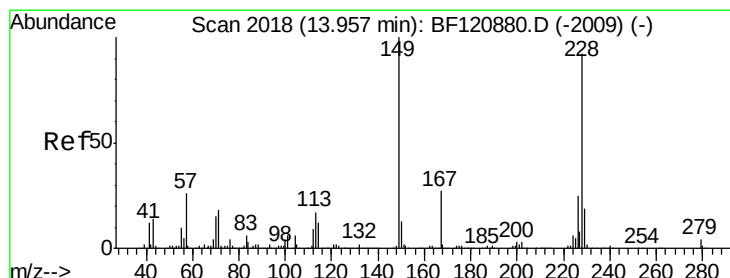
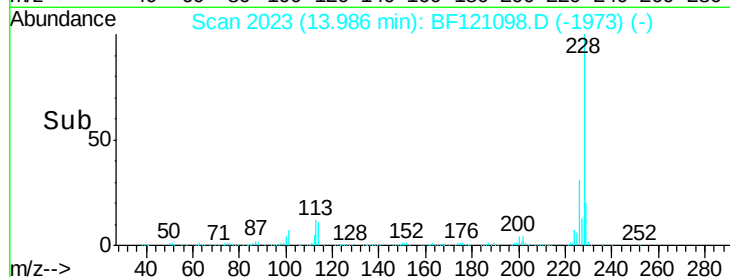
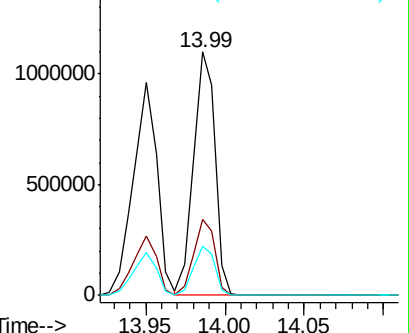
229 20.3 16.2 24.4



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: 44.433 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

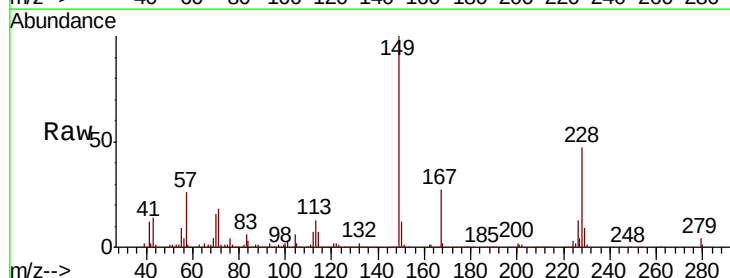
Tgt Ion:149 Resp: 720473

Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.6

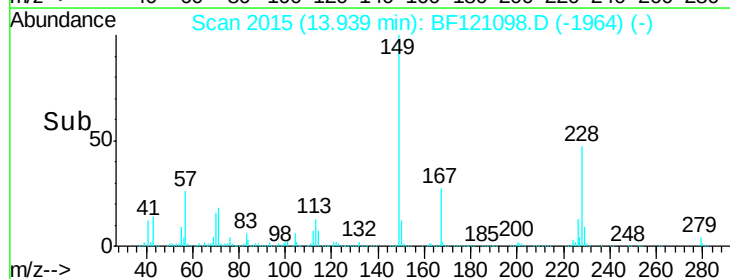
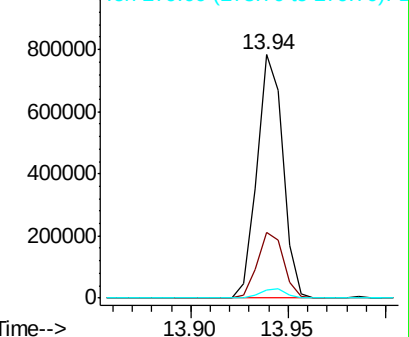
279 3.5 2.9 4.3

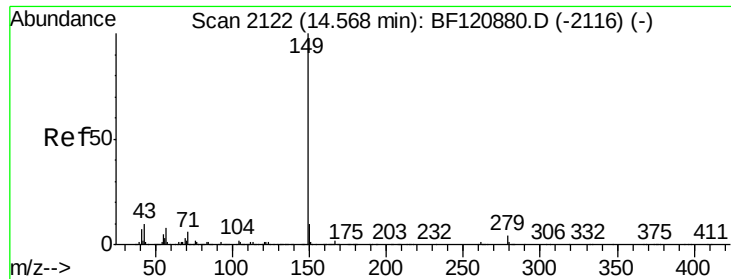


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

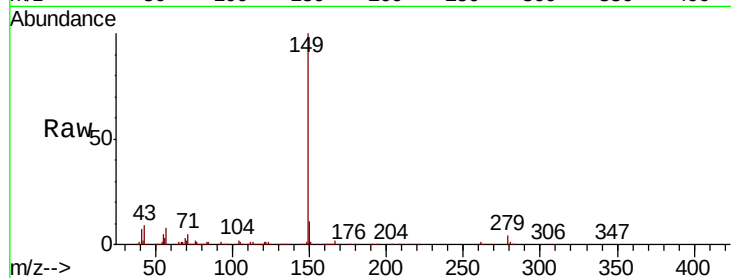




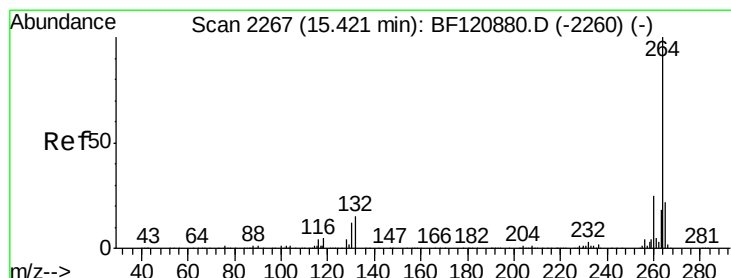
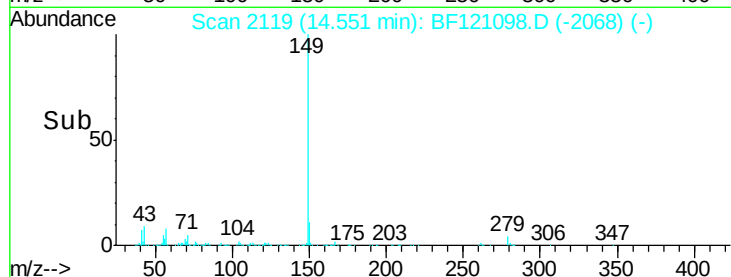
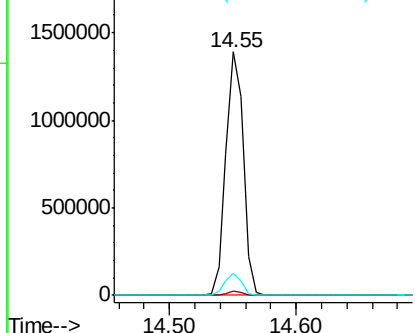
#85
Di-n-octyl phthalate
Concen: 41.296 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion:149 Resp: 1332198
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.9 7.5 11.3

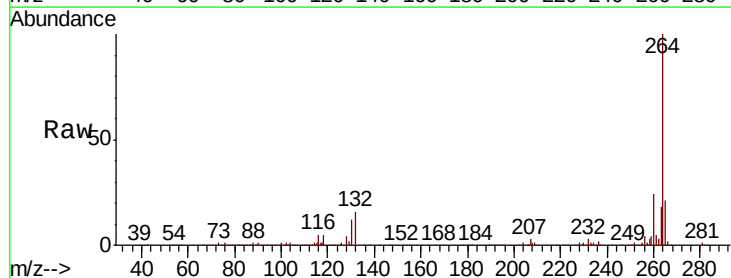


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

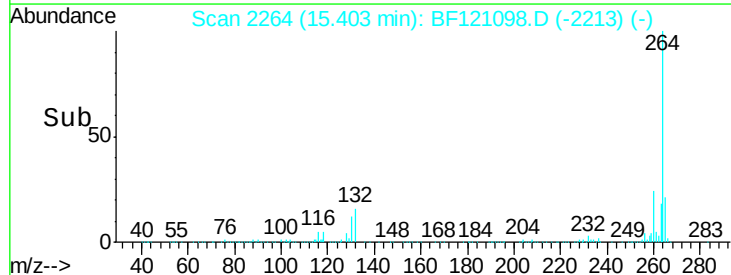
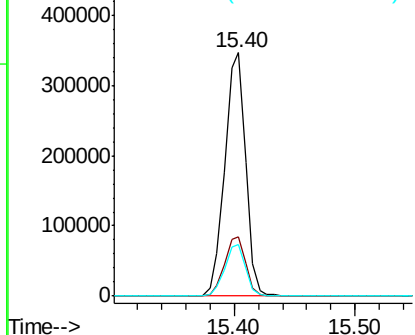


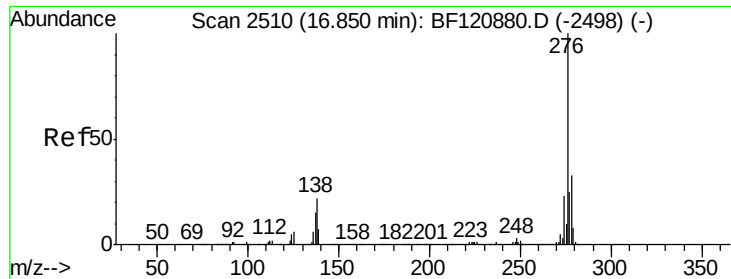
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion:264 Resp: 414540
Ion Ratio Lower Upper
264 100
260 24.2 19.9 29.9
265 21.0 17.8 26.8



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

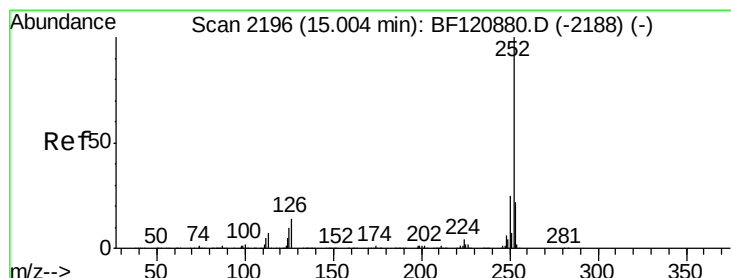
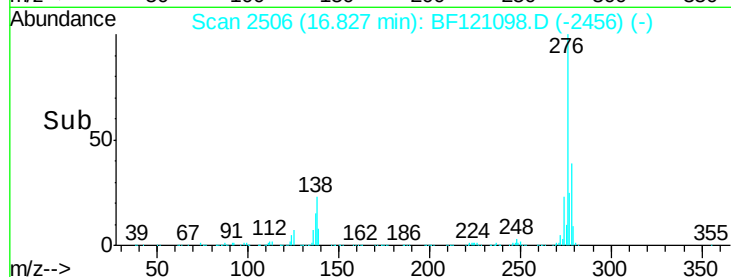
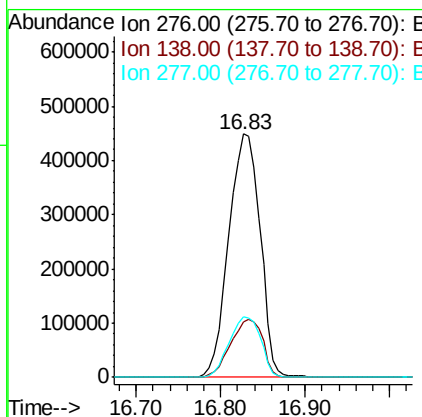
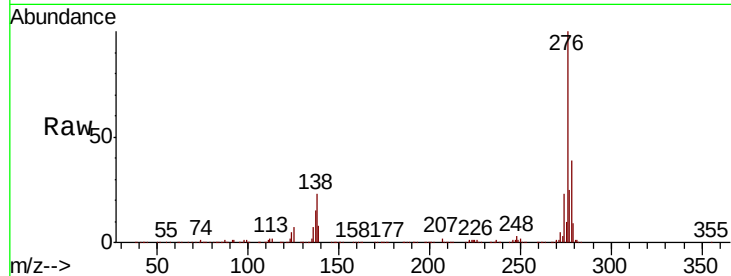




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.985 ng
 RT: 16.83 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

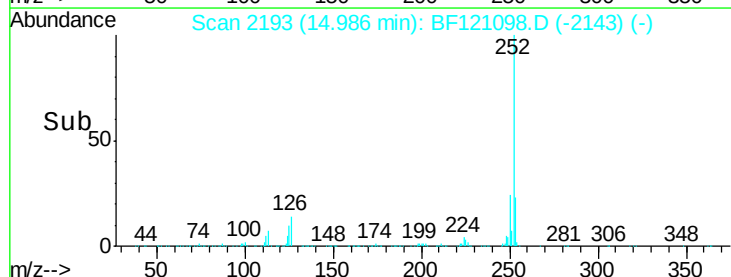
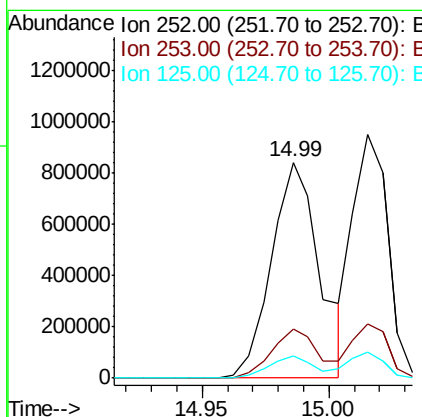
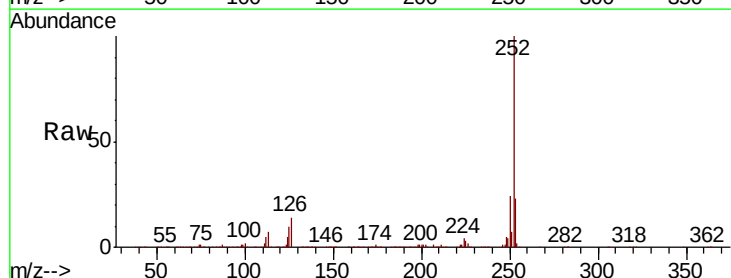
Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

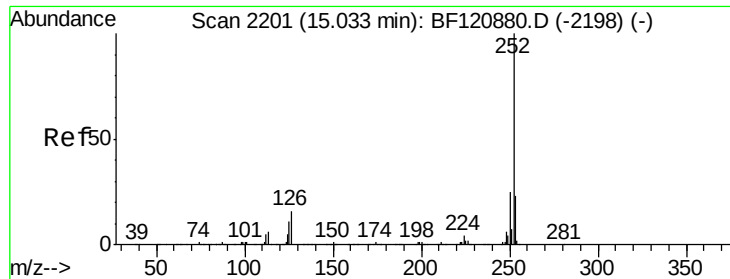
Tot Ion:276 Resp: 1152750
 Ion Ratio Lower Upper
 276 100
 138 24.5 19.3 28.9
 277 25.3 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 44.503 ng
 RT: 14.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Tgt Ion:252 Resp: 1115130
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.9 26.9
 125 10.4 8.1 12.1

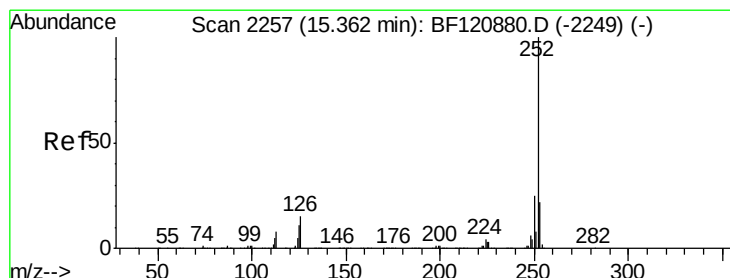
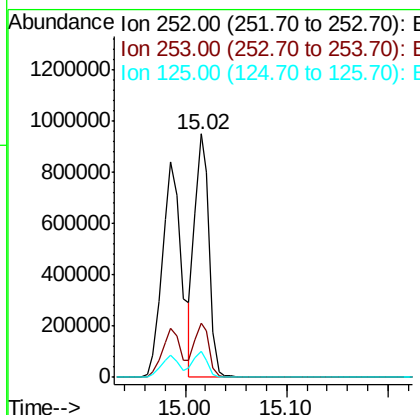
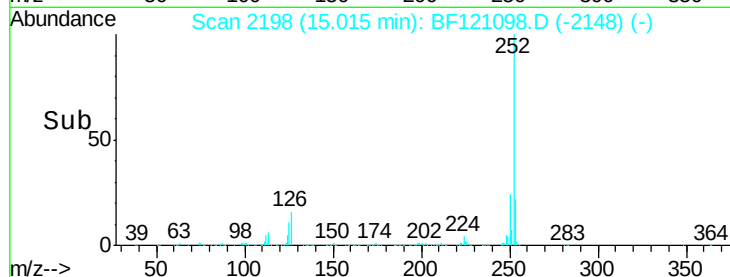
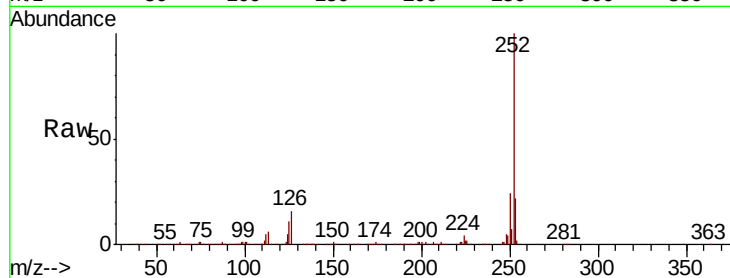




#89
Benzo(k)fluoranthene
Concen: 40.307 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

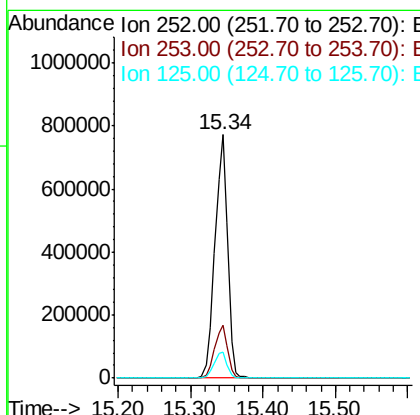
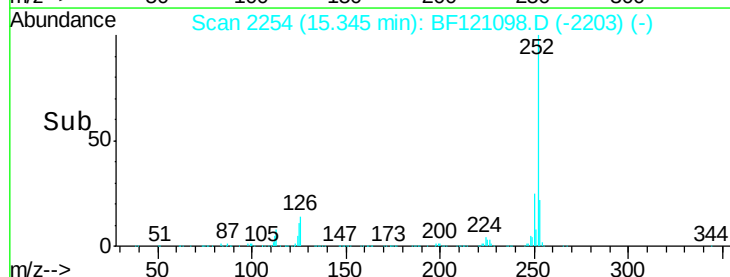
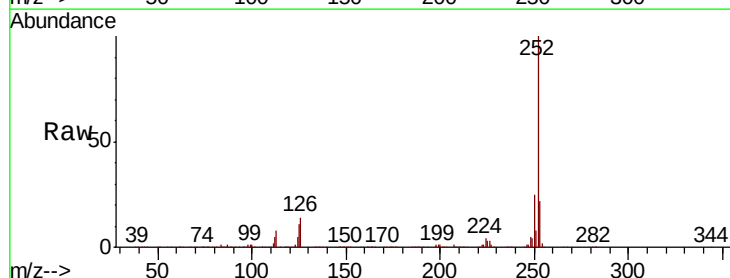
Instrument :
BNA_F
ClientSampleId :
PB130545BSD

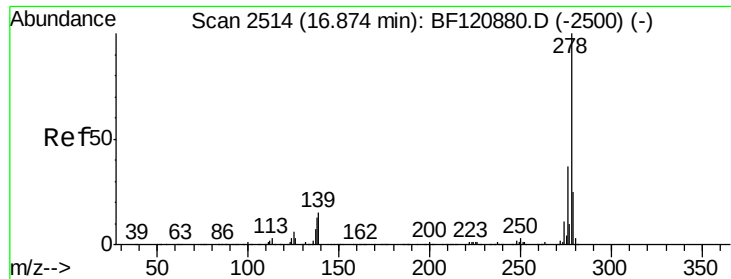
Tot Ion:252 Resp: 921098
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 10.9 8.0 12.0



#90
Benzo(a)pyrene
Concen: 41.136 ng
RT: 15.34 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion:252 Resp: 940432
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 10.7 9.5 14.3

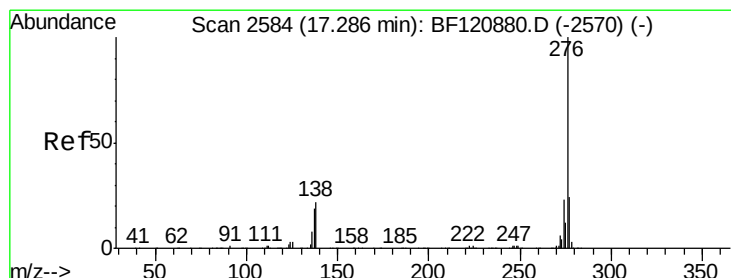
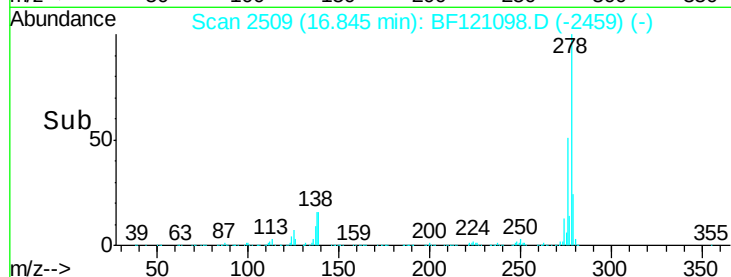
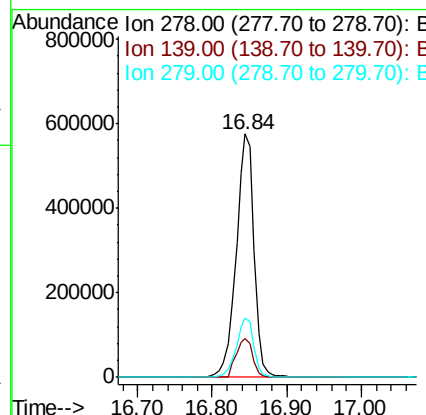
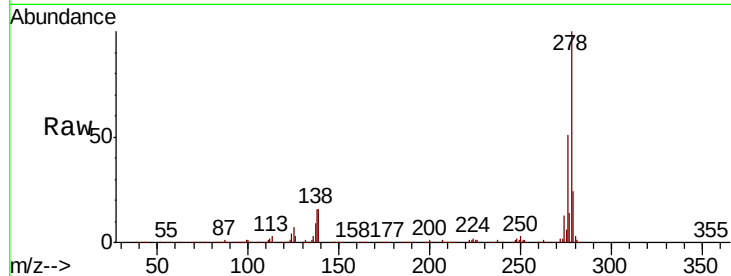




#91
Dibenzo(a,h)anthracene
Concen: 40.740 ng
RT: 16.84 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.6	18.8
279	24.3	19.5	29.3



#92
Benzo(g,h,i)perylene
Concen: 41.822 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	20.6	17.2	25.8

