

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
 Data File : BF121097.D
 Acq On : 29 Jul 2020 12:36
 Operator : JU/CG
 Sample : PB130537BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130537BS

Quant Time: Jul 29 15:03:42 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	156729	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	609673	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	309200	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	577164	20.00	ng	0.00
76) Chrysene-d12	13.96	240	440417	20.00	ng	0.00
86) Perylene-d12	15.40	264	444266	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1190233	124.50	ng	0.01
7) Phenol-d6	6.45	99	1449393	117.36	ng	0.00
23) Nitrobenzene-d5	7.37	82	937174	88.95	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	429699	126.96	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1617256	78.09	ng	0.00
79) Terphenyl-d14	12.91	244	1602365	79.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	137494	31.249	ng	100
3) Pyridine	3.33	79	345949	29.556	ng	99
4) n-Nitrosodimethylamine	3.26	42	182331	36.429	ng	97
6) Aniline	6.47	93	547117	33.939	ng	97
8) 2-Chlorophenol	6.59	128	417645	39.655	ng	97
9) Benzaldehyde	6.35	77	270964	47.606	ng	100
10) Phenol	6.46	94	477436	35.145	ng	97
11) bis(2-Chloroethyl)ether	6.54	93	393430	37.789	ng	99
12) 1,3-Dichlorobenzene	6.75	146	418819	36.673	ng	99
13) 1,4-Dichlorobenzene	6.82	146	426989	37.600	ng	99
14) 1,2-Dichlorobenzene	6.97	146	411769	38.328	ng	98
15) Benzyl Alcohol	6.95	79	329392	37.716	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	538039	35.854	ng	99
17) 2-Methylphenol	7.06	107	327026	35.033	ng	99
18) Hexachloroethane	7.32	117	157350	38.283	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	250076	35.611	ng	100
20) 3+4-Methylphenols	7.22	107	374665	31.551	ng	95
22) Acetophenone	7.22	105	510018	37.274	ng	# 98
24) Nitrobenzene	7.39	77	408261	35.950	ng	98
25) Isophorone	7.63	82	761067	36.192	ng	98
26) 2-Nitrophenol	7.70	139	219621	40.720	ng	96
27) 2,4-Dimethylphenol	7.75	122	357786	40.858	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	483851	37.694	ng	99
29) 2,4-Dichlorophenol	7.95	162	342833	38.313	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	366714	36.938	ng	99
31) Naphthalene	8.11	128	1131598	36.184	ng	99
32) Benzoic acid	7.87	122	225203	34.259	ng	98
33) 4-Chloroaniline	8.16	127	454743	32.596	ng	99
34) Hexachlorobutadiene	8.23	225	211113	36.072	ng	99
35) Caprolactam	8.56	113	41455	14.447	ng	89
36) 4-Chloro-3-methylphenol	8.65	107	347794	37.897	ng	98
37) 2-Methylnaphthalene	8.80	142	767936	37.818	ng	100
38) 1-Methylnaphthalene	8.90	142	719927	37.434	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	349157	38.757	ng	99

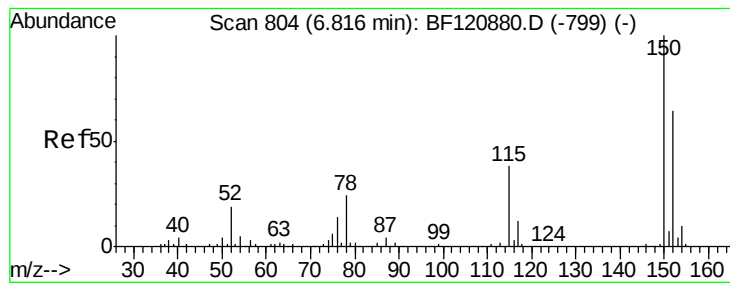
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	403704	81.082	nq	100
43) 2,4,6-Trichlorophenol	9.08	196	248462	39.171	nq	100
44) 2,4,5-Trichlorophenol	9.12	196	263605	36.637	nq	97
46) 1,1'-Biphenyl	9.26	154	920452	39.026	nq	99
47) 2-Chloronaphthalene	9.29	162	713771	37.118	nq	99
48) 2-Nitroaniline	9.38	65	217399	37.410	nq	97
49) Acenaphthylene	9.70	152	1141257	38.203	nq	99
50) Dimethylphthalate	9.56	163	840094	37.661	nq	100
51) 2,6-Dinitrotoluene	9.63	165	187681	39.162	nq	91
52) Acenaphthene	9.87	154	674123	35.494	nq	100
53) 3-Nitroaniline	9.79	138	180595	30.046	nq	97
54) 2,4-Dinitrophenol	9.90	184	189299	69.595	nq	97
55) Dibenzofuran	10.05	168	1008876	36.733	nq	99
56) 4-Nitrophenol	9.96	139	322780	70.695	nq	95
57) 2,4-Dinitrotoluene	10.03	165	247116	39.266	nq	91
58) Fluorene	10.39	166	737868	36.021	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	220688	40.285	nq	98
60) Diethylphthalate	10.26	149	832727	36.907	nq	100
61) 4-Chlorophenyl-phenylether	10.38	204	368983	33.772	nq	96
62) 4-Nitroaniline	10.41	138	210159	35.895	nq	98
63) Azobenzene	10.54	77	787202	36.648	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	128493	39.230	nq	94
66) n-Nitrosodiphenylamine	10.50	169	705516	38.858	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	243415	37.827	nq	97
68) Hexachlorobenzene	10.93	284	275453	39.571	nq	# 93
69) Atrazine	11.03	200	194883	43.340	nq	99
70) Pentachlorophenol	11.13	266	307217	77.039	nq	98
71) Phenanthrene	11.35	178	1119051	37.699	nq	99
72) Anthracene	11.40	178	1166060	39.121	nq	99
73) Carbazole	11.56	167	1069795	36.166	nq	99
74) Di-n-butylphthalate	11.89	149	1303021	38.172	nq	99
75) Fluoranthene	12.53	202	1233885	37.502	nq	98
77) Benzidine	12.66	184	871785	75.288	nq	100
78) Pyrene	12.76	202	1256422	40.351	nq	100
80) Butylbenzylphthalate	13.38	149	565402	40.733	nq	94
81) Benzo(a)anthracene	13.95	228	1027732	38.536	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	378354	37.604	nq	99
83) Chrysene	13.99	228	1053935	37.605	nq	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	725986	42.414	nq	100
85) Di-n-octyl phthalate	14.55	149	1337789	39.285	nq	99
87) Indeno(1,2,3-cd)pyrene	16.83	276	1167346	37.782	nq	100
88) Benzo(b)fluoranthene	14.99	252	1045835	38.945	nq	99
89) Benzo(k)fluoranthene	15.02	252	1022477	41.749	nq	99
90) Benzo(a)pyrene	15.34	252	946088	38.614	nq	98
91) Dibenzo(a,h)anthracene	16.84	278	970026	38.435	nq	99
92) Benzo(g,h,i)perylene	17.26	276	992521	39.885	nq	98

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

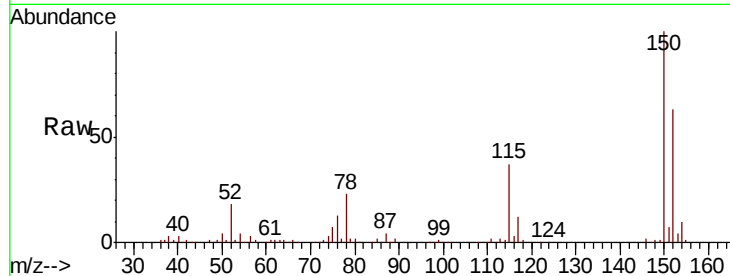


#1

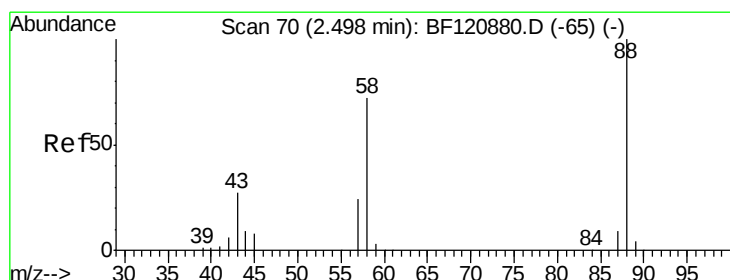
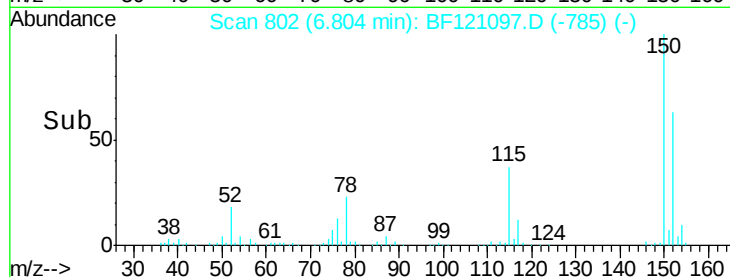
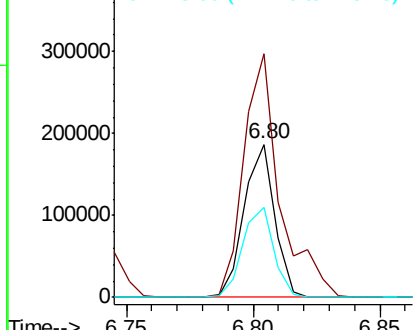
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion:152 Resp: 156729
Ion Ratio Lower Upper
152 100
150 158.8 125.6 188.4
115 58.3 46.2 69.2



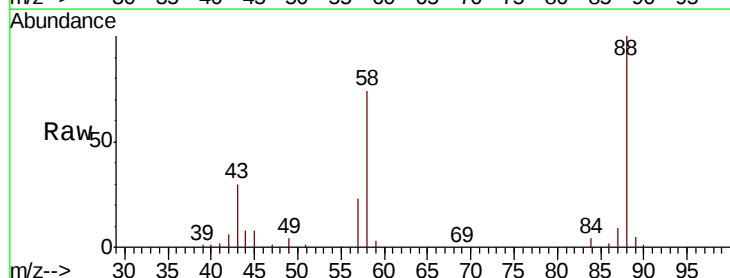
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



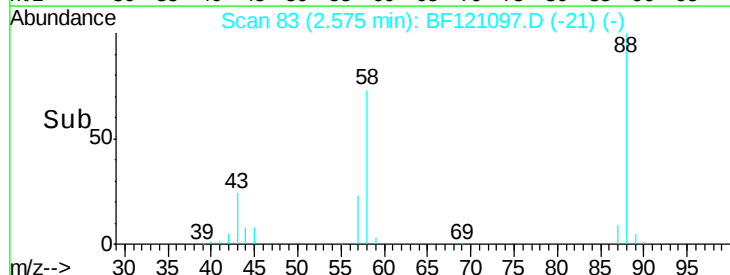
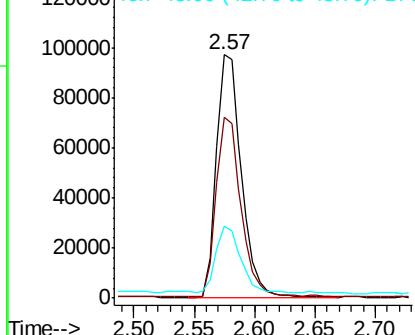
#2

1,4-Dioxane
Concen: 31.249 ng
RT: 2.57 min Scan# 83
Delta R.T. 0.06 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion: 88 Resp: 137494
Ion Ratio Lower Upper
88 100
58 72.6 58.2 87.4
43 26.7 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: 29.556 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.08 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

ClientSampleId :

PB130537BS

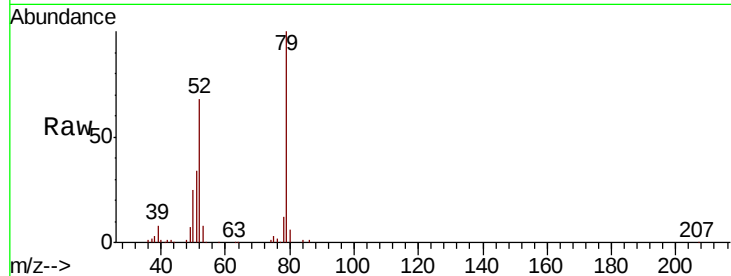
Tot Ion: 79 Resp: 345949

Ion Ratio Lower Upper

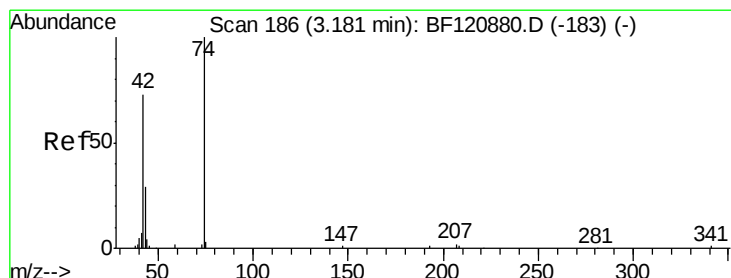
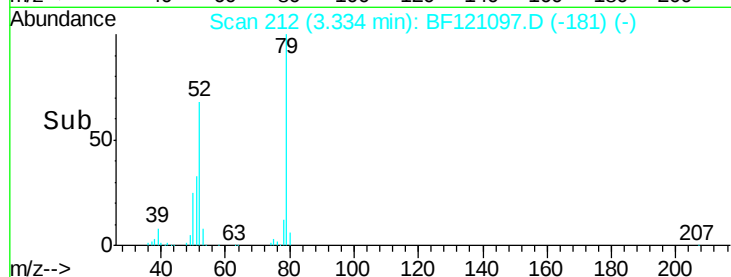
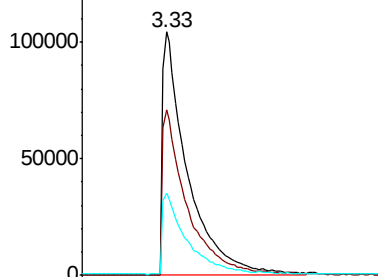
79 100

52 67.8 54.9 82.3

51 34.0 27.4 41.0



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



#4

n-Nitrosodimethylamine

Concen: 36.429 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.05 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

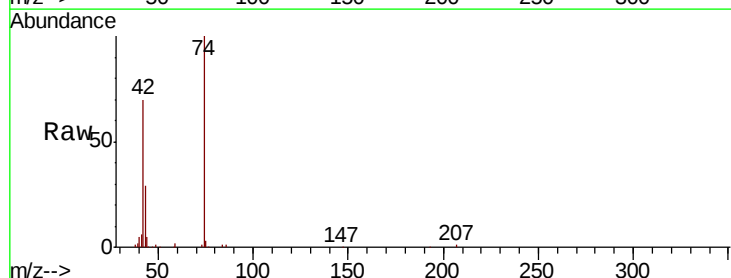
Tgt Ion: 42 Resp: 182331

Ion Ratio Lower Upper

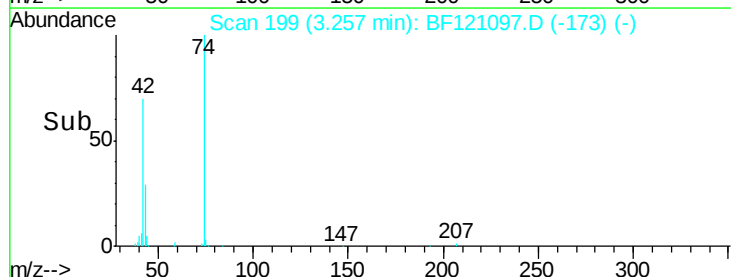
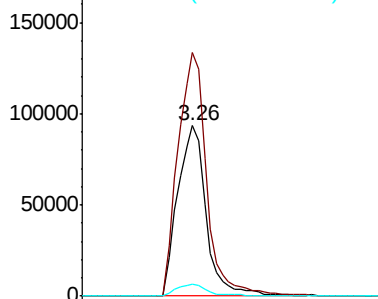
42 100

74 143.1 117.3 175.9

44 7.0 5.9 8.9



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





#5

2-Fluorophenol

Concen: 124.496 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

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PB130537BS

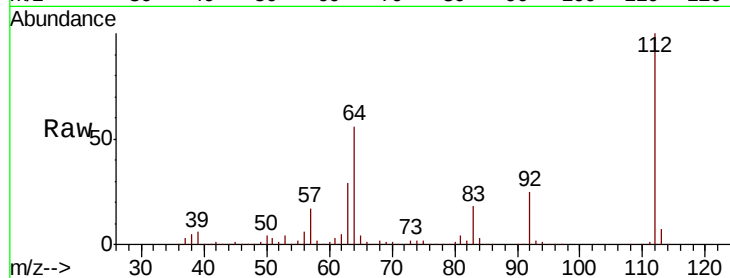
Tot Ion:112 Resp: 1190233

Ion Ratio Lower Upper

112 100

64 55.7 43.9 65.9

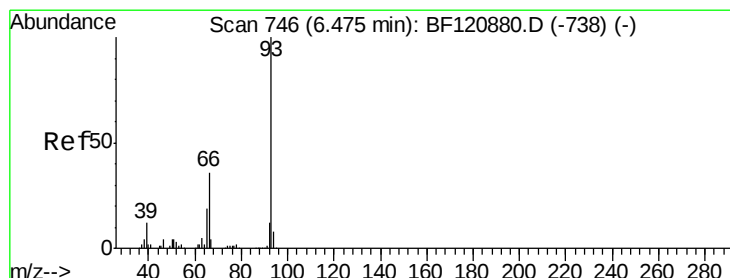
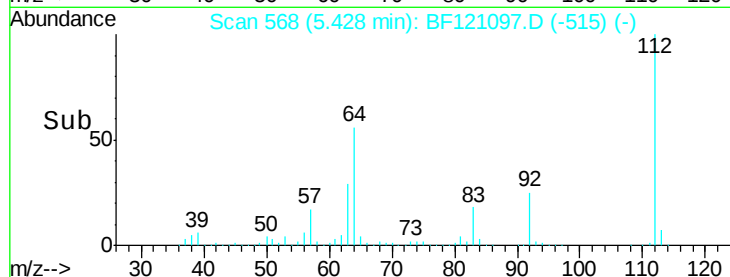
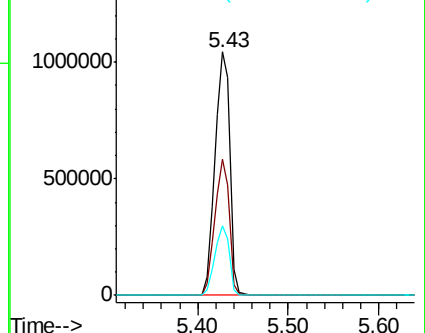
63 28.6 22.7 34.1



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: 33.939 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

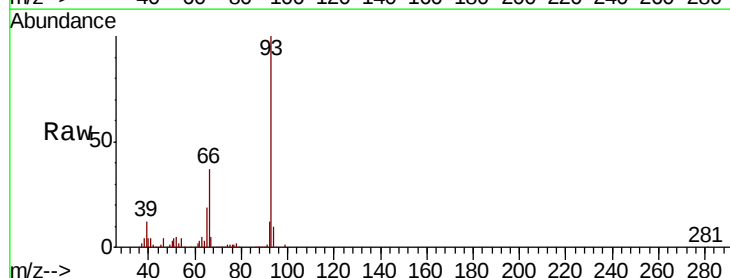
Tgt Ion: 93 Resp: 547117

Ion Ratio Lower Upper

93 100

66 36.6 31.0 46.4

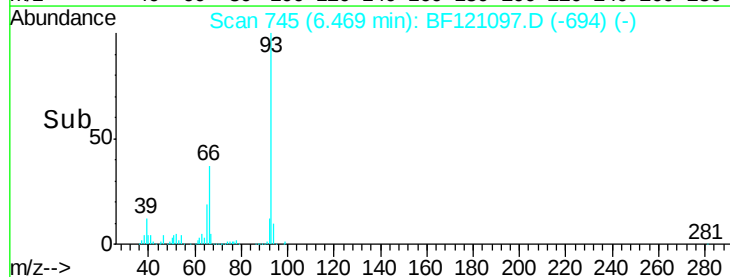
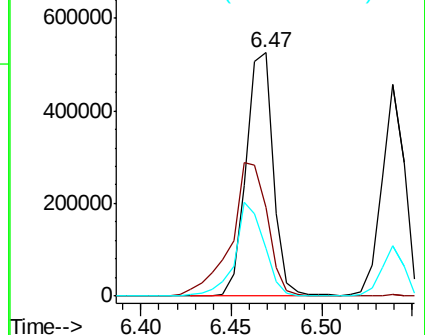
65 19.4 16.2 24.4



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: 117.364 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

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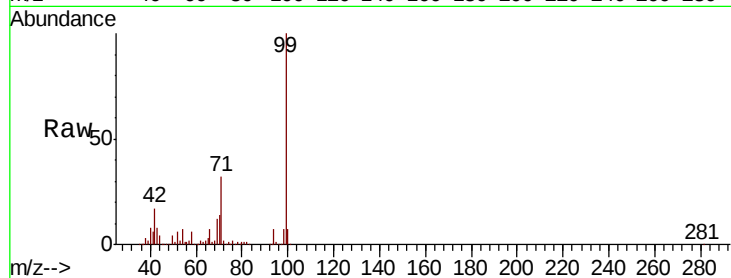
Tot Ion: 99 Resp: 1449393

Ion Ratio Lower Upper

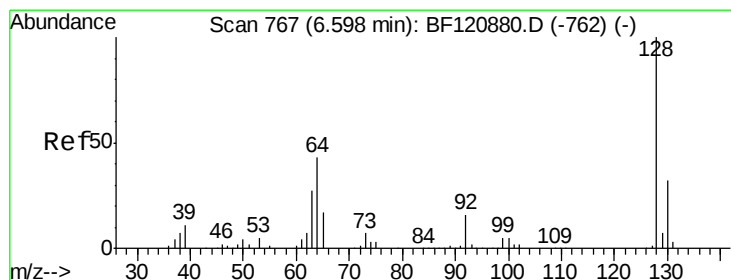
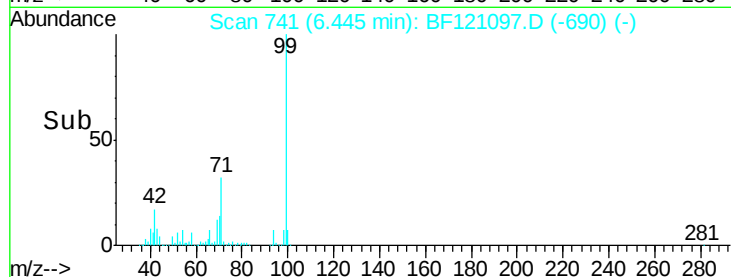
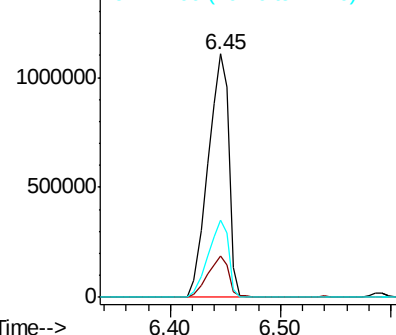
99 100

42 17.0 13.5 20.3

71 31.7 25.0 37.4



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



#8

2-Chlorophenol

Concen: 39.655 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

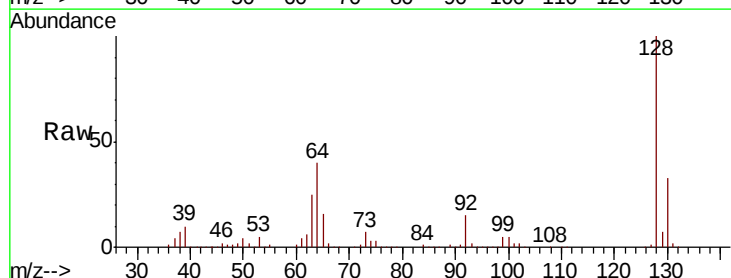
Tgt Ion:128 Resp: 417645

Ion Ratio Lower Upper

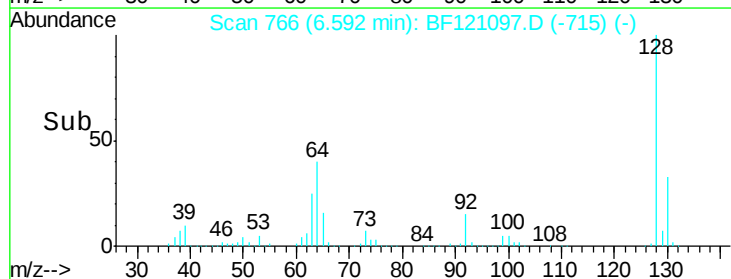
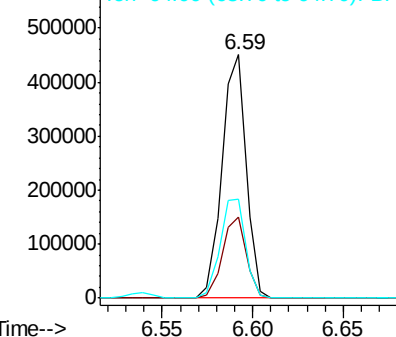
128 100

130 33.3 12.7 52.7

64 40.5 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E
600000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 47.606 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

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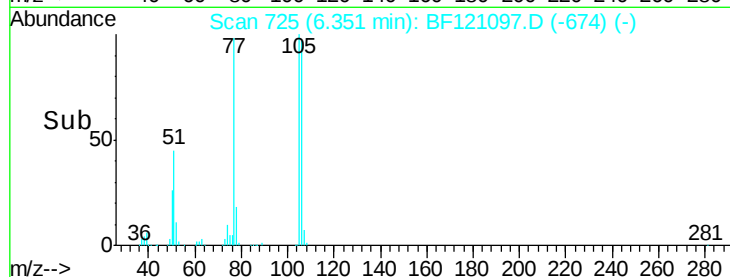
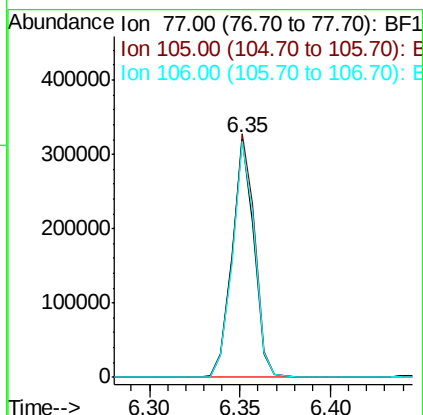
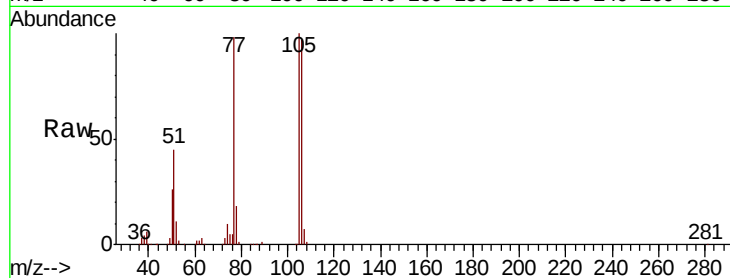
Tot Ion: 77 Resp: 270964

Ion Ratio Lower Upper

77 100

105 101.9 82.4 122.4

106 99.0 78.9 118.9



#10

Phenol

Concen: 35.145 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

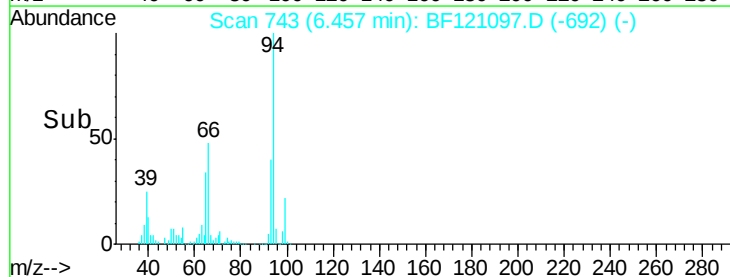
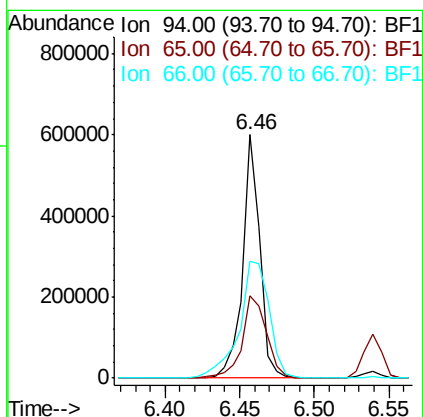
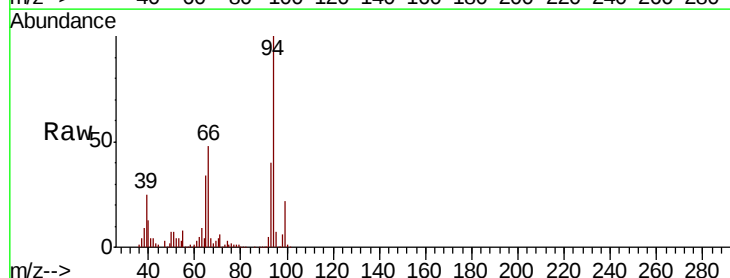
Tgt Ion: 94 Resp: 477436

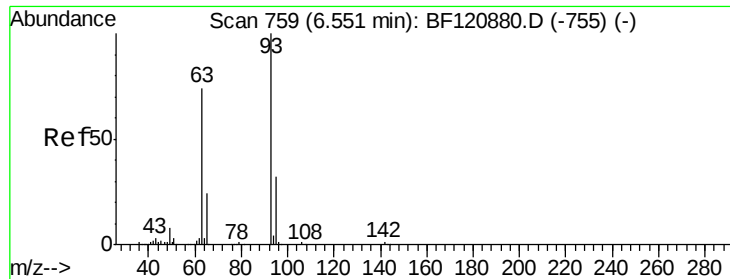
Ion Ratio Lower Upper

94 100

65 33.8 12.6 52.6

66 47.8 25.6 65.6

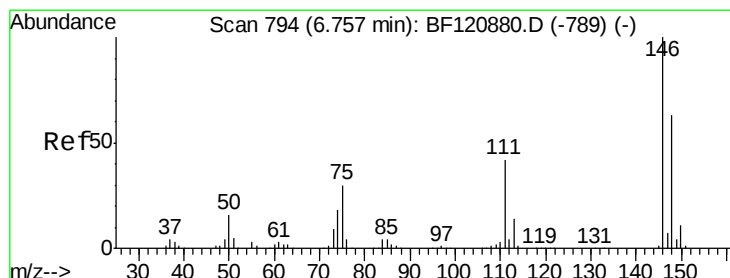
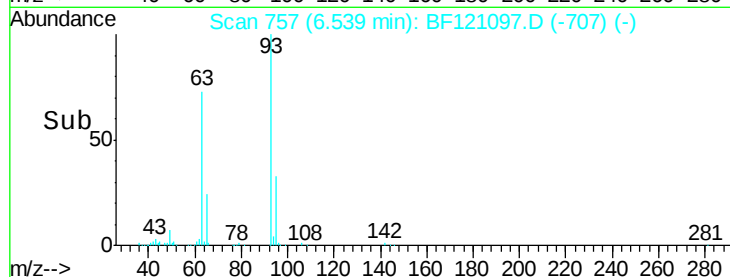
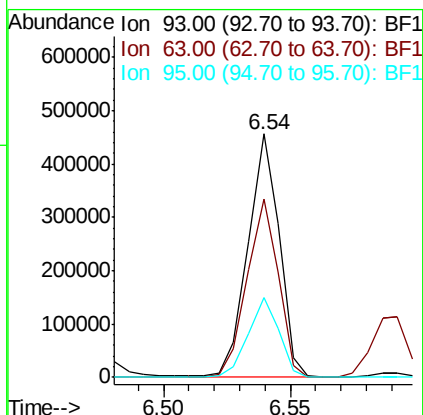
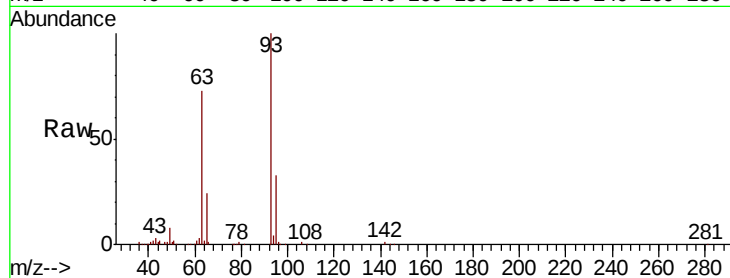




#11
bis(2-Chloroethyl)ether
Concen: 37.789 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

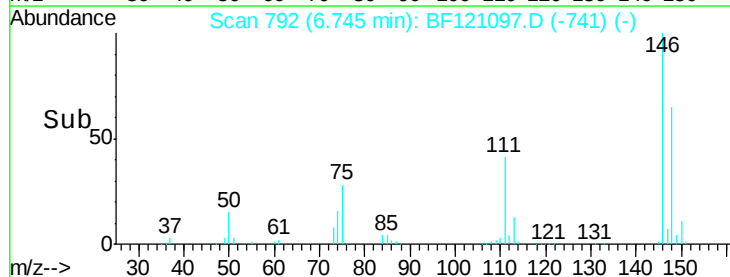
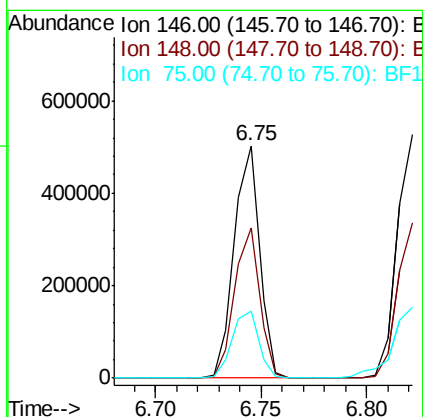
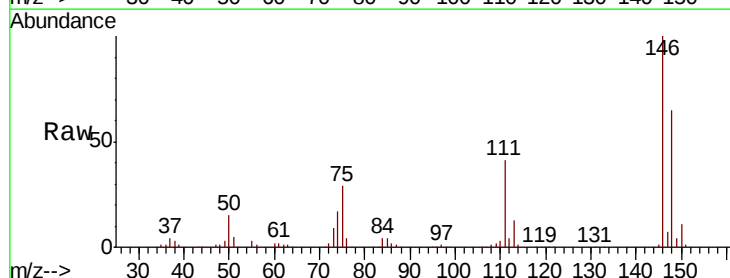
Instrument :
BNA_F
ClientSampleId :
PB130537BS

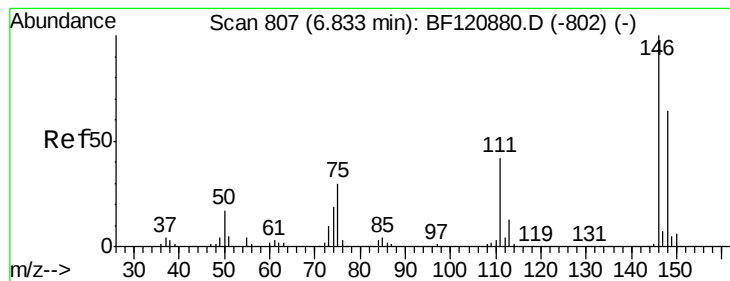
Tot Ion: 93 Resp: 393430
Ion Ratio Lower Upper
93 100
63 73.3 51.9 91.9
95 32.9 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 36.673 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion: 146 Resp: 418819
Ion Ratio Lower Upper
146 100
148 64.8 51.7 77.5
75 28.6 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 37.600 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

ClientSampleId :

PB130537BS

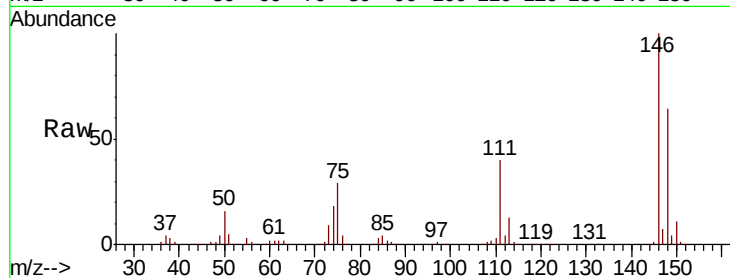
Tot Ion:146 Resp: 426989

Ion Ratio Lower Upper

146 100

148 64.0 50.5 75.7

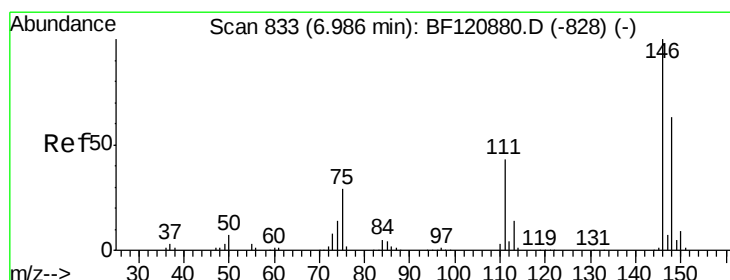
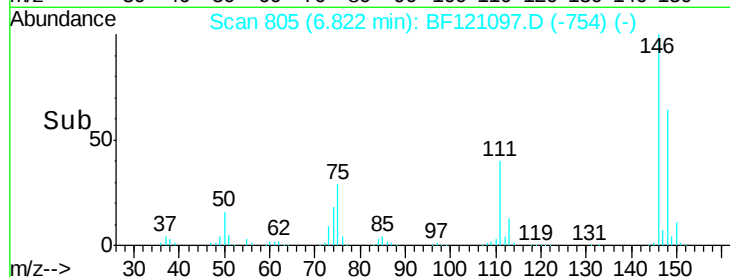
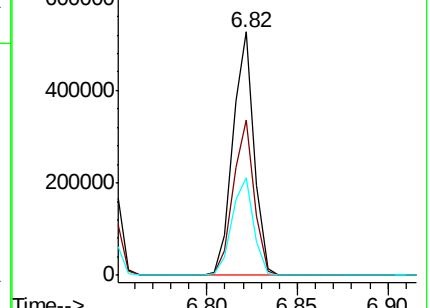
111 40.1 32.8 49.2



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: 38.328 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

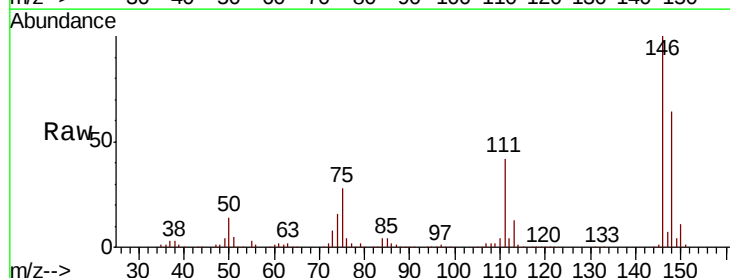
Tgt Ion:146 Resp: 411769

Ion Ratio Lower Upper

146 100

148 64.4 50.8 76.2

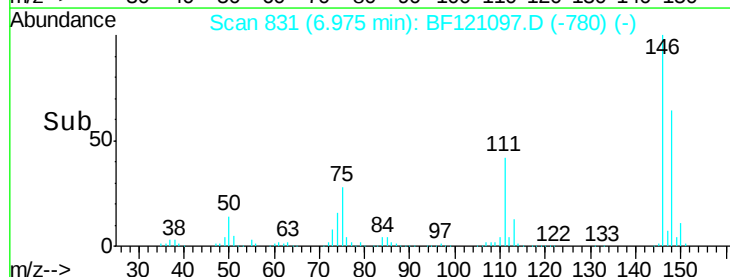
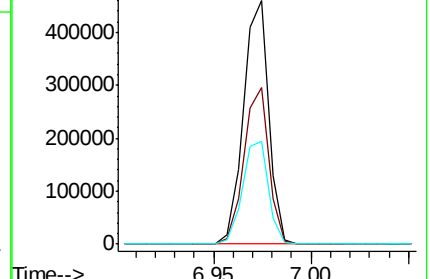
111 42.0 35.4 53.0



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: 37.716 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

ClientSampleId :

PB130537BS

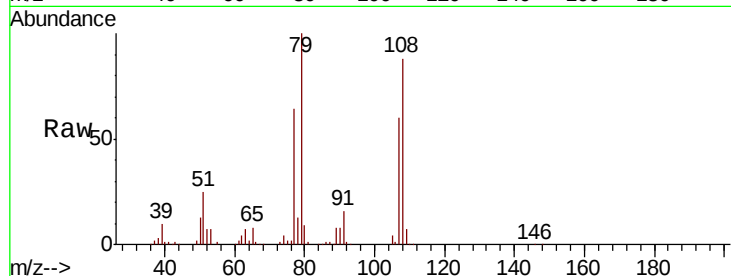
Tot Ion: 79 Resp: 329392

Ion Ratio Lower Upper

79 100

108 88.1 68.6 103.0

77 64.3 51.4 77.2

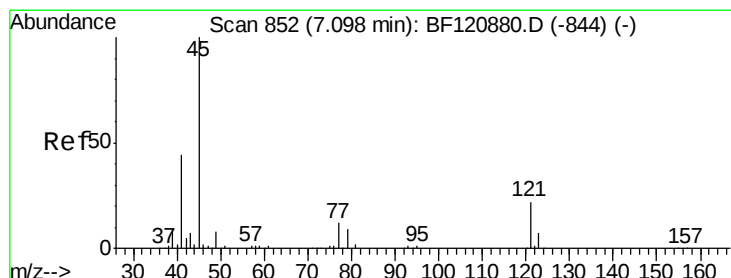
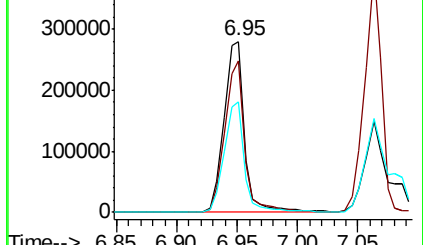
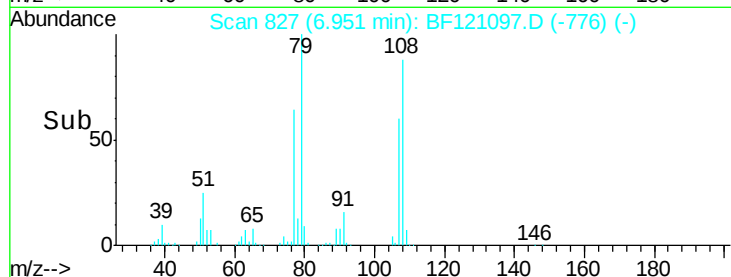


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Time--> 6.85 6.90 6.95 7.00 7.05



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.854 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

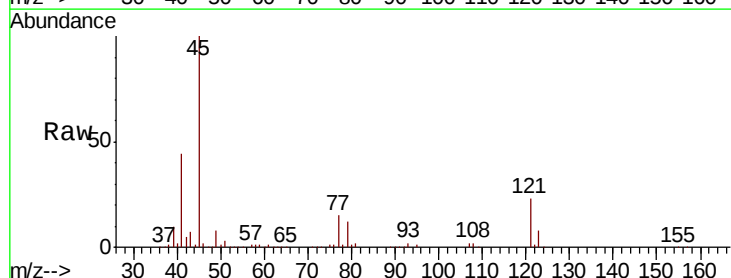
Tgt Ion: 45 Resp: 538039

Ion Ratio Lower Upper

45 100

77 15.2 0.0 34.7

79 11.5 0.0 32.0

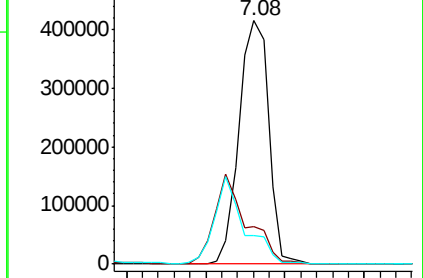
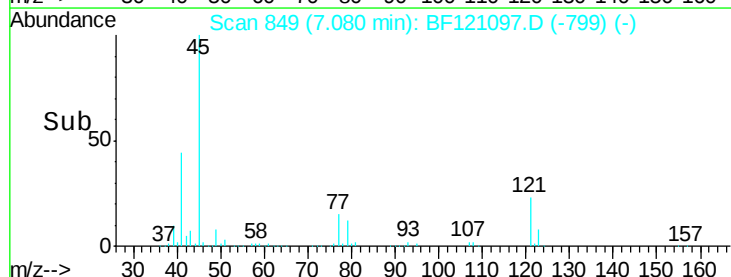


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time--> 7.00 7.05 7.10 7.15

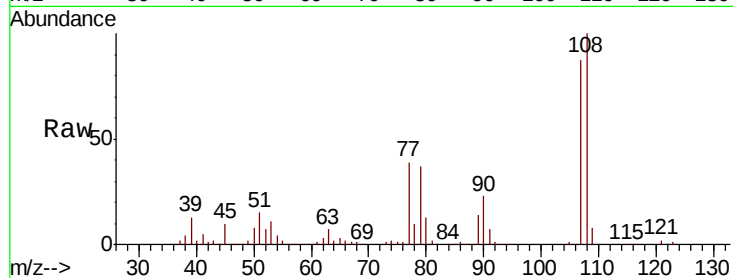




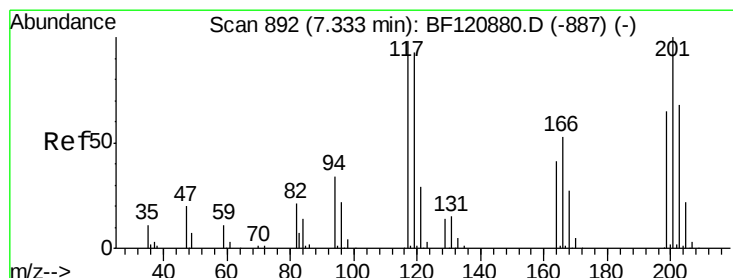
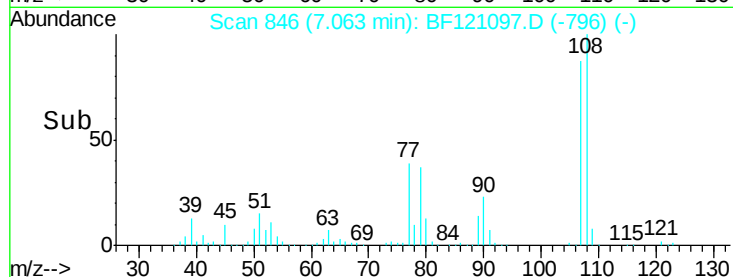
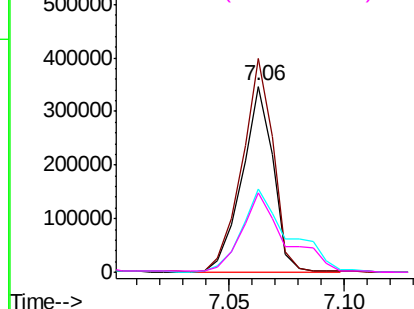
#17
2-Methylphenol
Concen: 35.033 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion:107 Resp: 327026
Ion Ratio Lower Upper
107 100
108 114.7 91.2 136.8
77 44.4 36.5 54.7
79 42.8 35.0 52.6

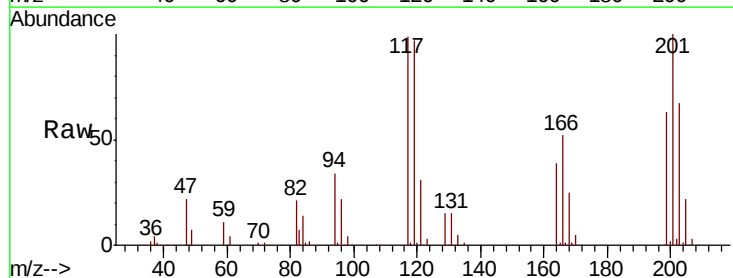


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

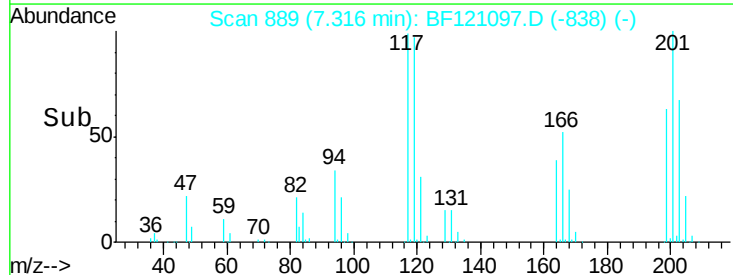
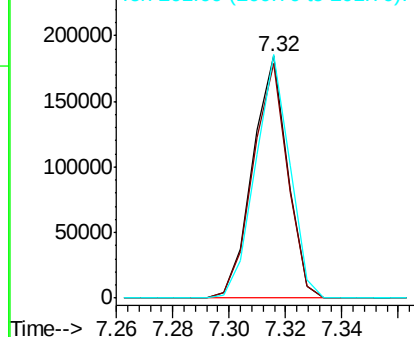


#18
Hexachloroethane
Concen: 38.283 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion:117 Resp: 157350
Ion Ratio Lower Upper
117 100
119 97.1 76.6 114.8
201 100.6 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

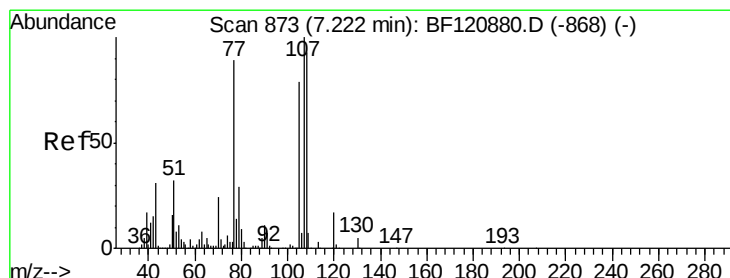
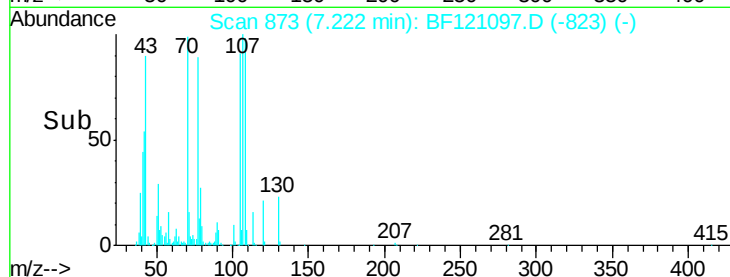
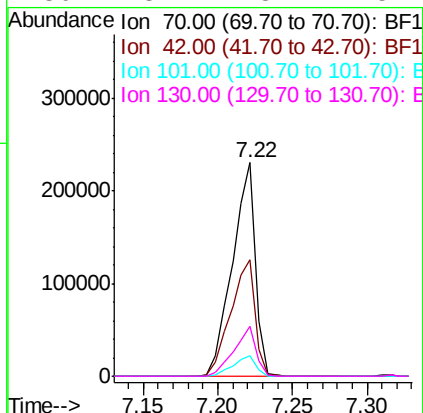
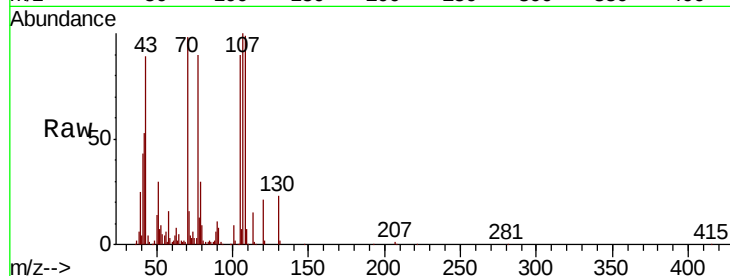




#19
n-Nitroso-di-n-propylamine
Concen: 35.611 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

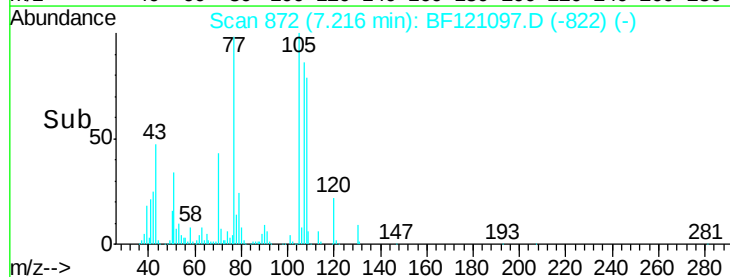
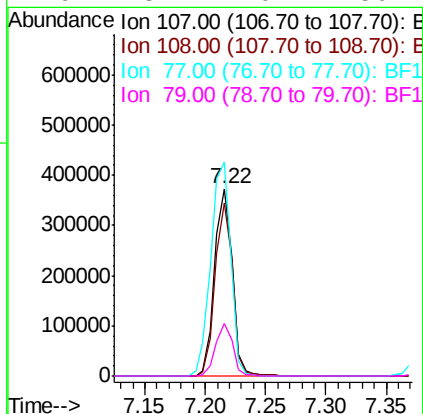
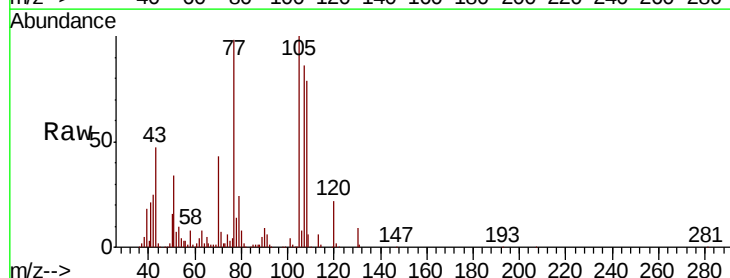
Instrument :
BNA_F
ClientSampleId :
PB130537BS

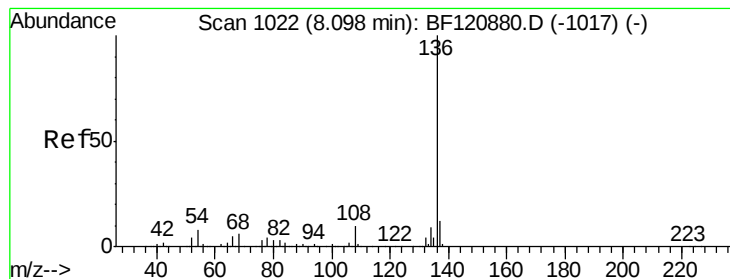
Tot Ion:	70	Resp:	250076
Ion	Ratio	Lower	Upper
70	100		
42	54.3	43.3	64.9
101	9.7	8.4	12.6
130	23.4	18.7	28.1



#20
3+4-Methylphenols
Concen: 31.551 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion:	107	Resp:	374665
Ion	Ratio	Lower	Upper
107	100		
108	92.4	73.7	113.7
77	114.1	84.9	124.9
79	28.4	10.7	50.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

ClientSampleId :

PB130537BS

Tot Ion:136 Resp: 609673

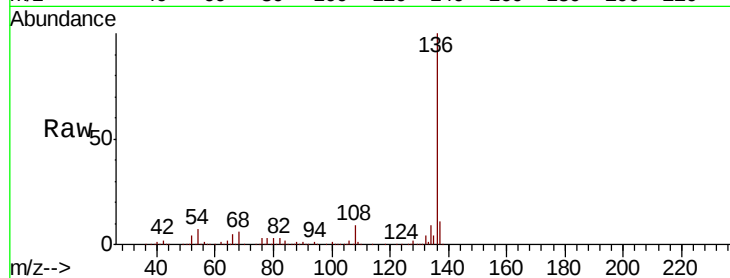
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.1 6.1 9.1

68 5.7 5.0 7.6

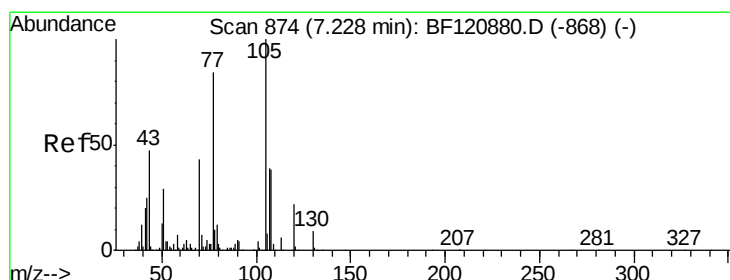
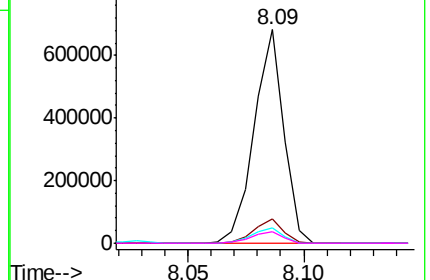
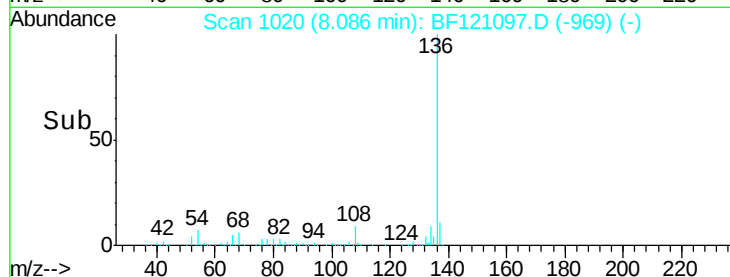


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.274 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Tgt Ion:105 Resp: 510018

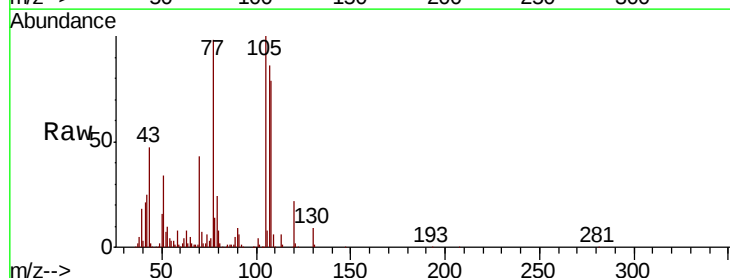
Ion Ratio Lower Upper

105 100

71 7.1 3.8 5.8#

51 33.7 28.0 42.0

120 22.1 17.8 26.6

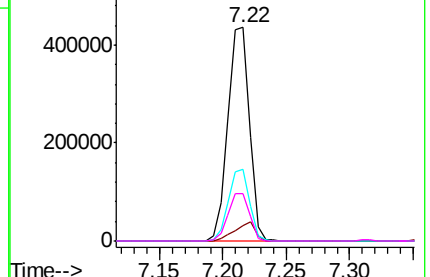
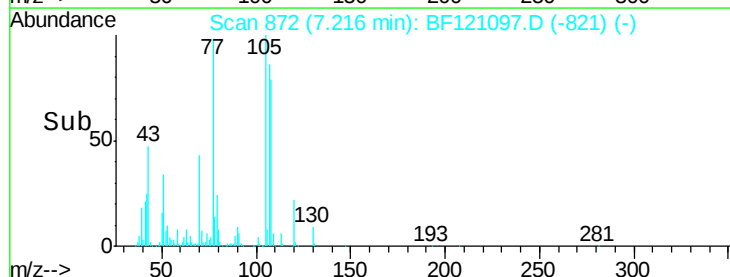


Abundance Ion 105.00 (104.70 to 105.70): E

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

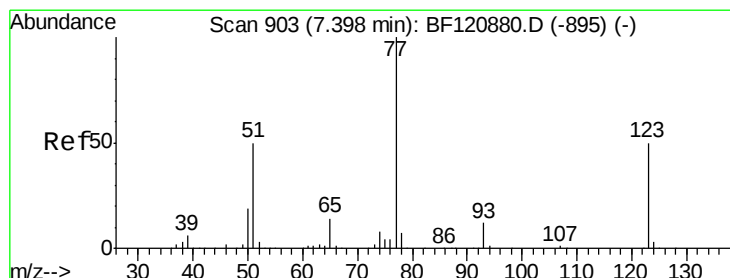
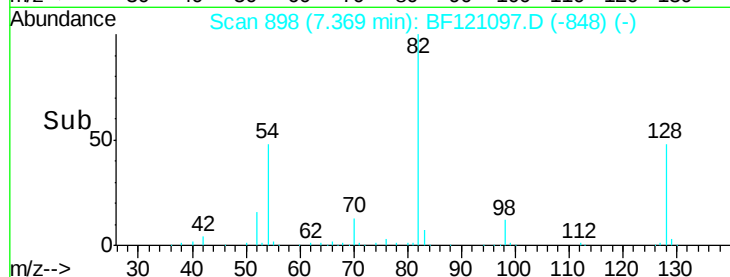
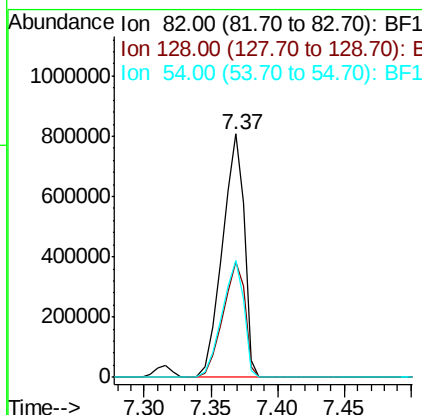
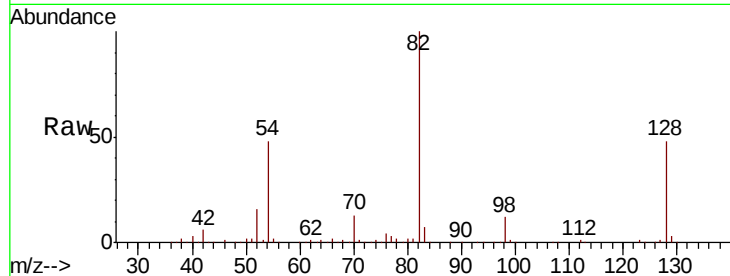




#23
 Nitrobenzene-d5
 Concen: 88.946 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

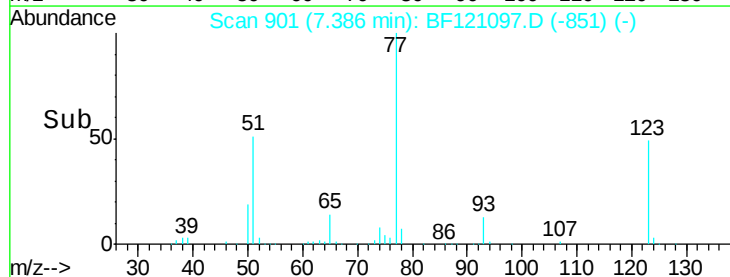
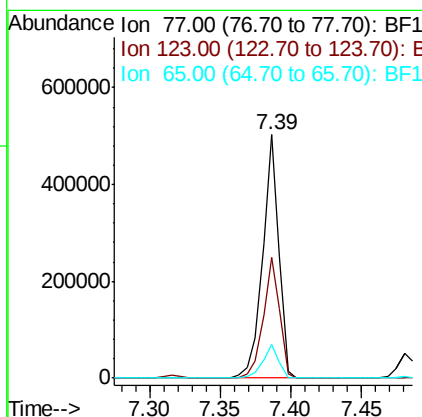
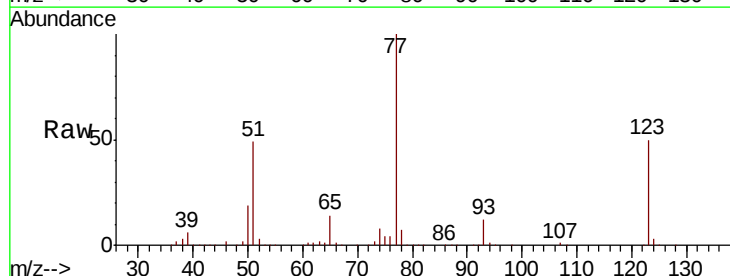
Instrument :
 BNA_F
 ClientSampleId :
 PB130537BS

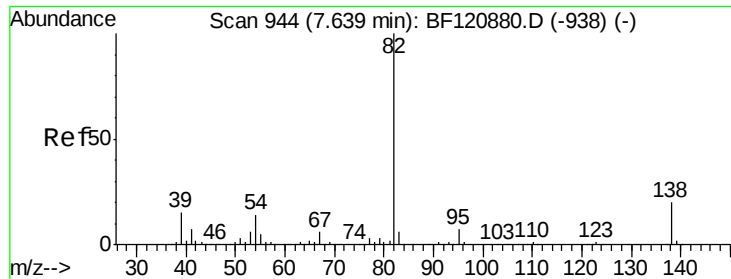
Tot Ion	82	Resp	937174
Ion Ratio	100		
Lower	39.2		
Upper	58.8		
82	47.5		
128	47.9		
54	37.8		



#24
 Nitrobenzene
 Concen: 35.950 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Tgt Ion	77	Resp	408261
Ion Ratio	100		
Lower	41.0		
Upper	61.6		
123	49.8		
65	13.7		





#25

Isophorone

Concen: 36.192 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

ClientSampleId :

PB130537BS

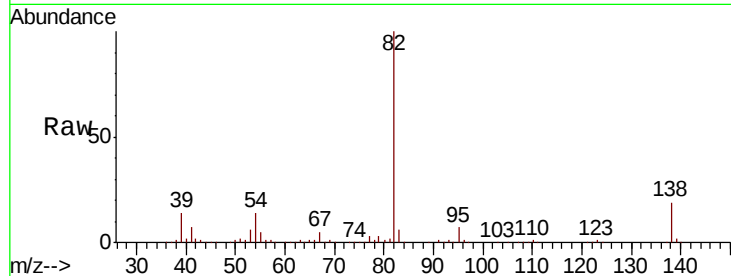
Tot Ion: 82 Resp: 761067

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

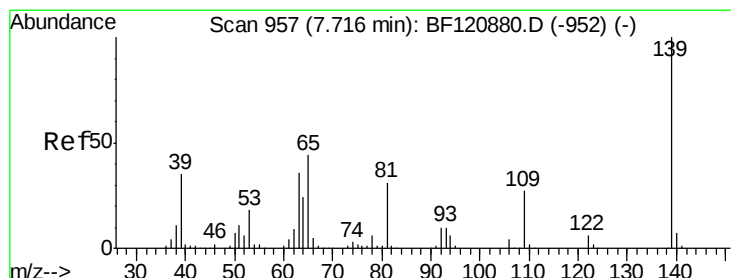
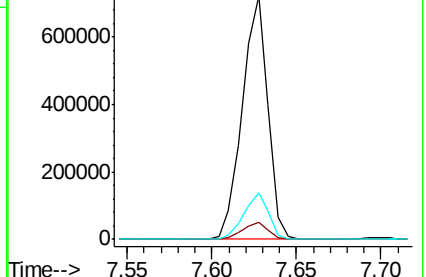
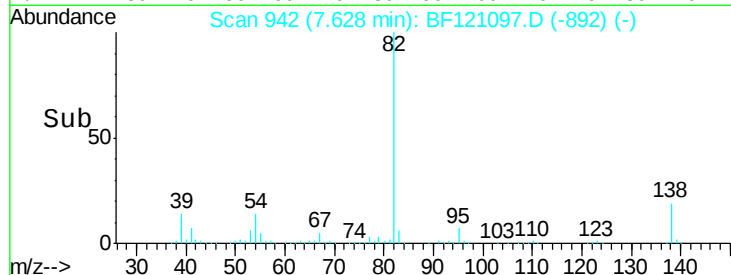
138 18.9 16.2 24.2



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: 40.720 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

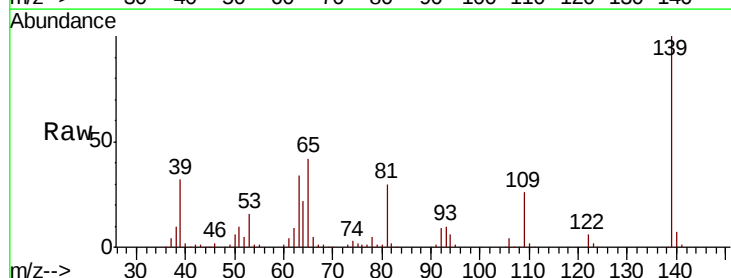
Tgt Ion: 139 Resp: 219621

Ion Ratio Lower Upper

139 100

109 26.2 21.7 32.5

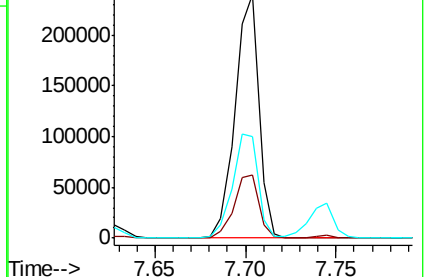
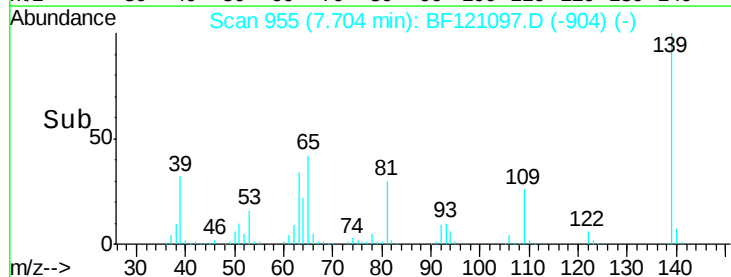
65 41.7 36.3 54.5

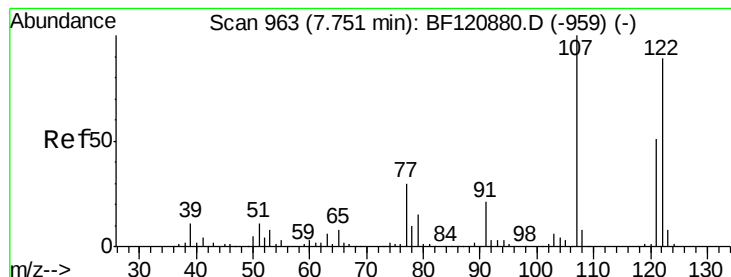


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.858 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

ClientSampled :

PB130537BS

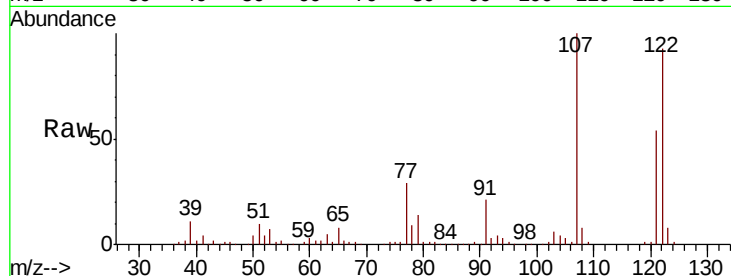
Tot Ion:122 Resp: 357786

Ion Ratio Lower Upper

122 100

107 107.5 87.1 130.7

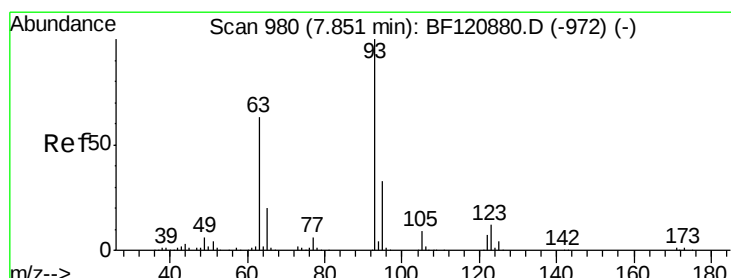
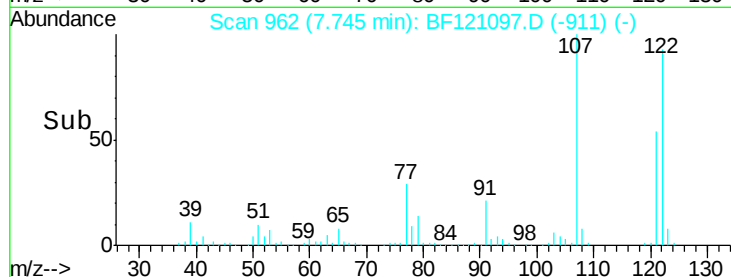
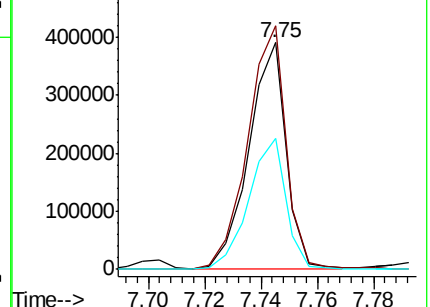
121 57.7 45.5 68.3



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: 37.694 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

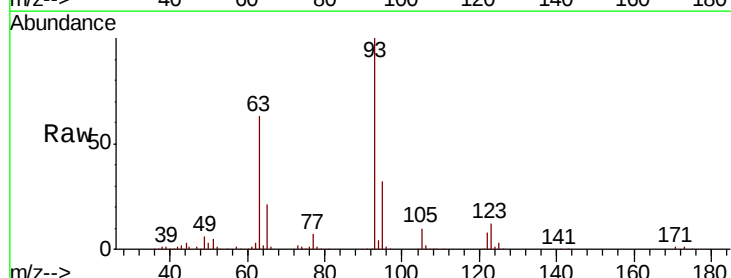
Tgt Ion: 93 Resp: 483851

Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.4

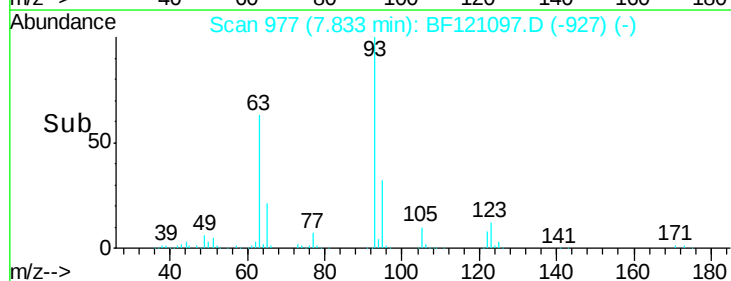
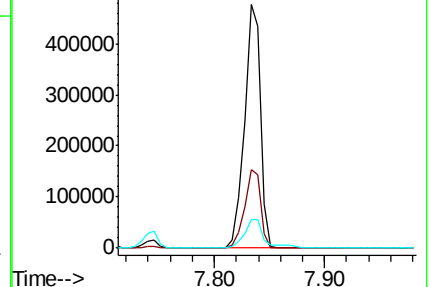
123 11.8 9.5 14.3

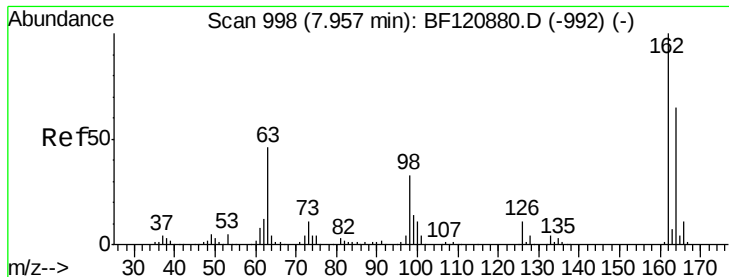


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

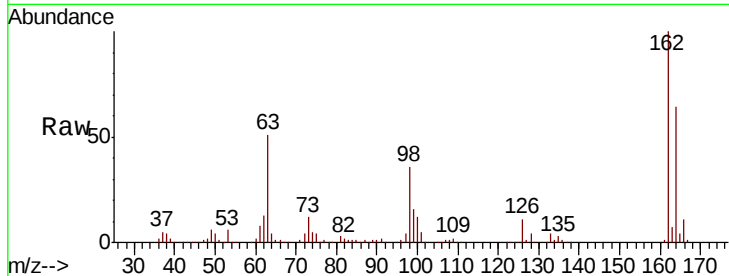




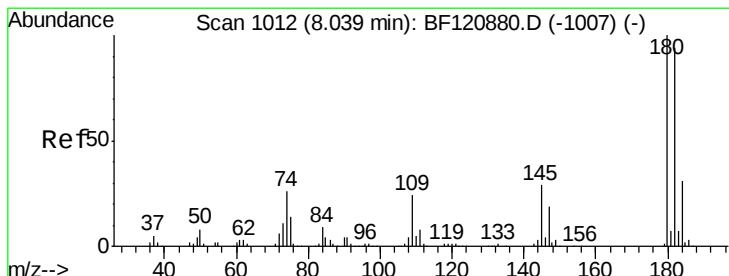
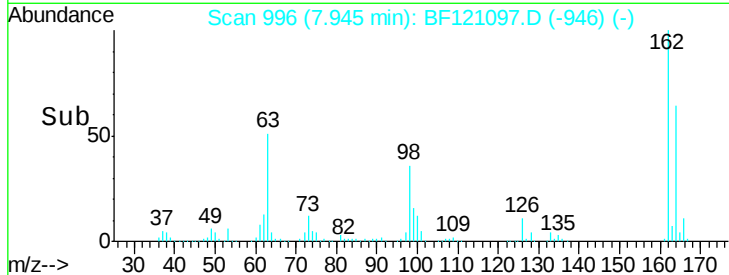
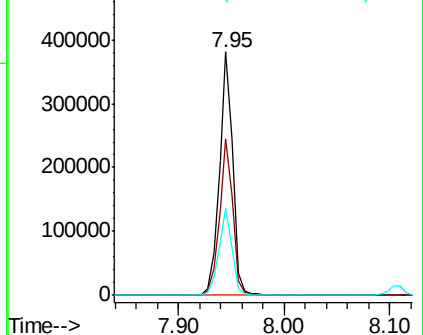
#29
 2,4-Dichlorophenol
 Concen: 38.313 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Instrument :
 BNA_F
 ClientSampleID :
 PB130537BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.7	84.7
98	36.2	14.2	54.2

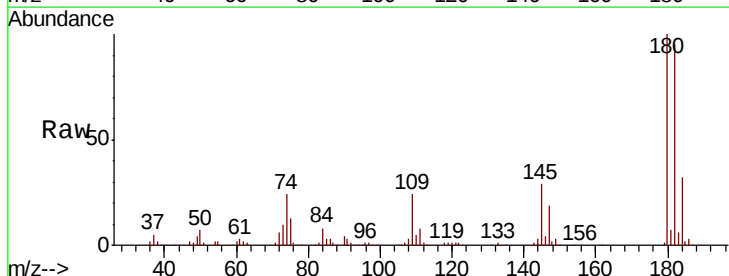


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

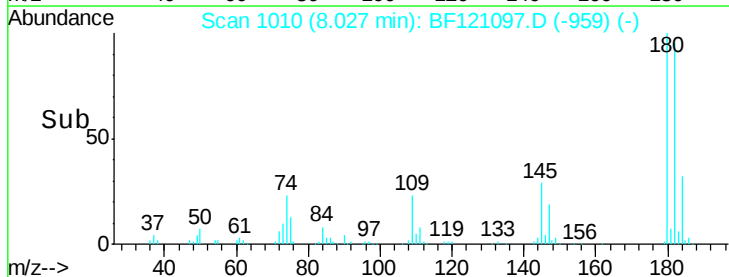
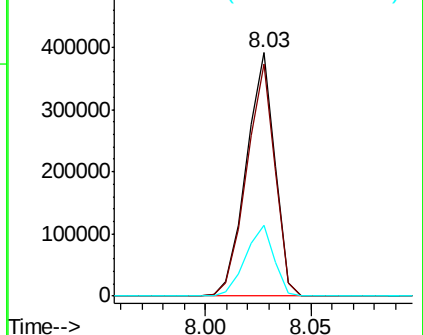


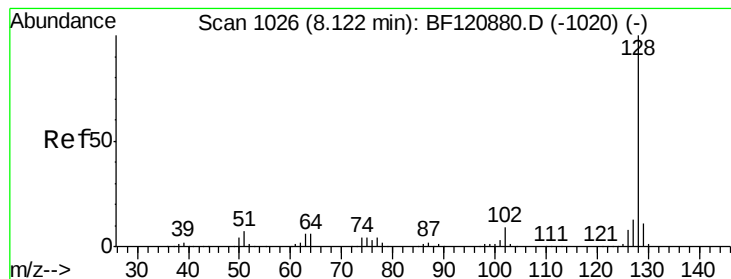
#30
 1,2,4-Trichlorobenzene
 Concen: 36.938 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.4	114.6
145	28.9	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: 36.184 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

ClientSampleId :

PB130537BS

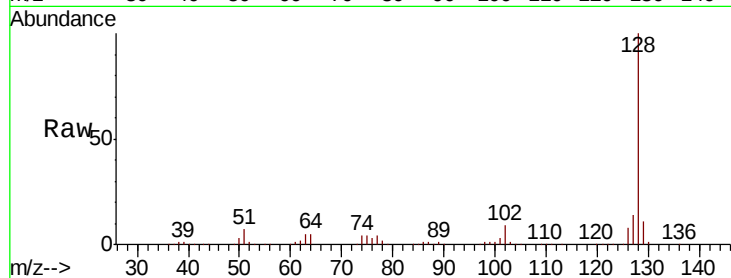
Tot Ion:128 Resp: 1131598

Ion Ratio Lower Upper

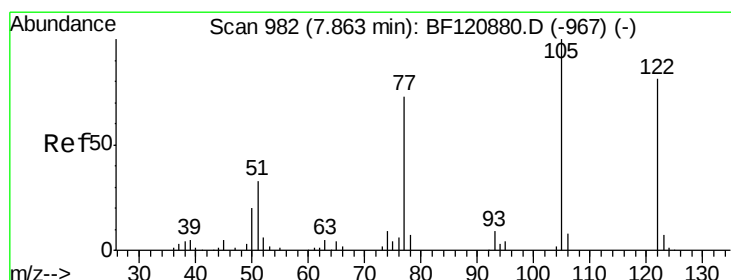
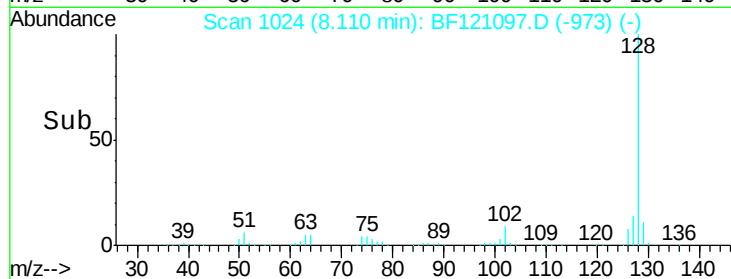
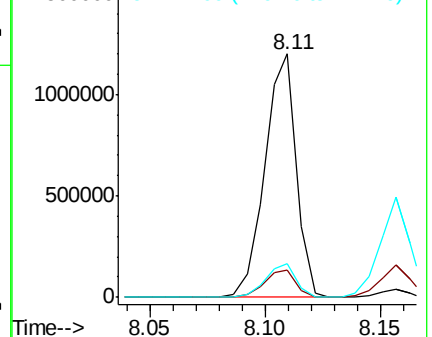
128 100

129 11.1 9.3 13.9

127 13.7 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: 34.259 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

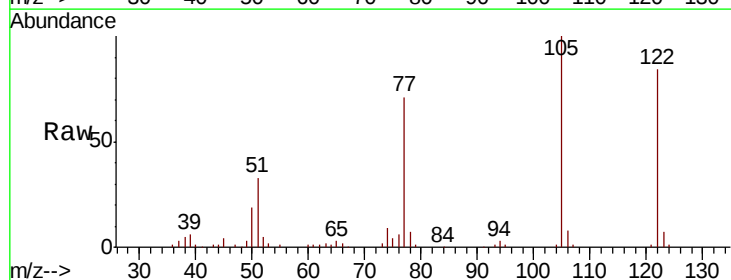
Tgt Ion:122 Resp: 225203

Ion Ratio Lower Upper

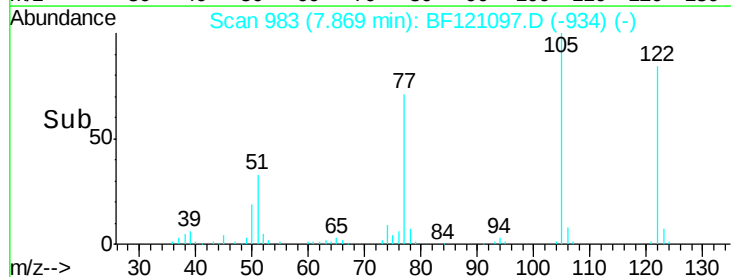
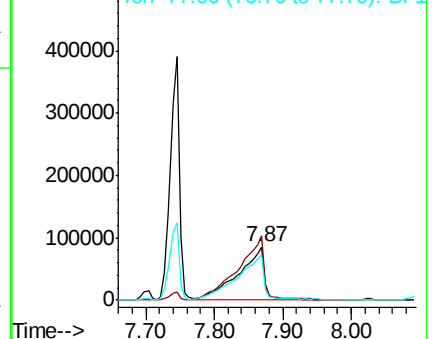
122 100

105 119.6 100.9 140.9

77 85.0 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

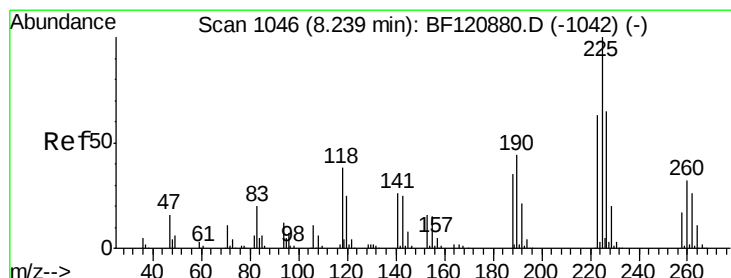
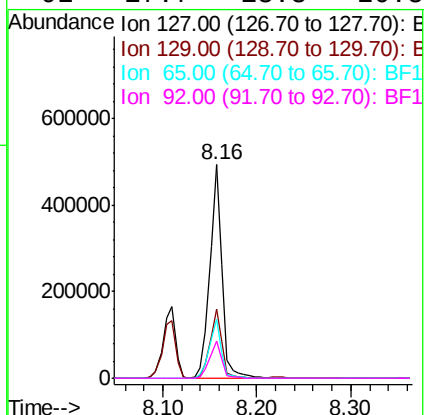
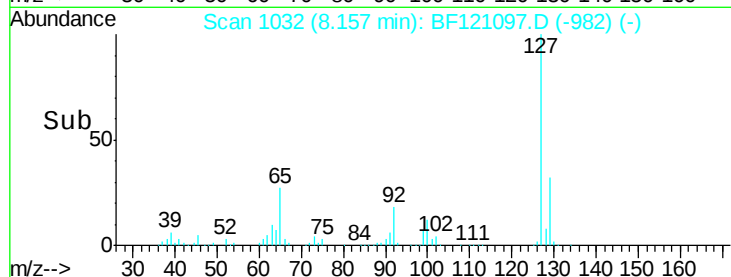
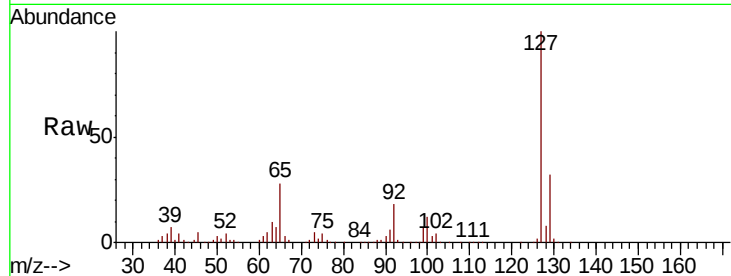




#33
4-Chloroaniline
Concen: 32.596 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

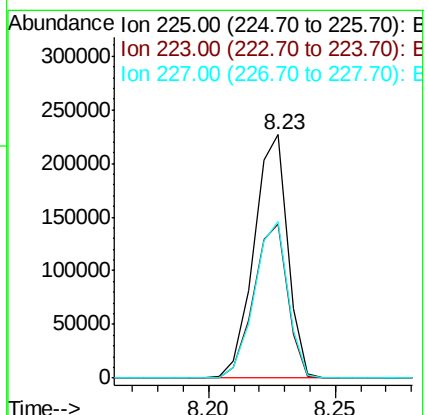
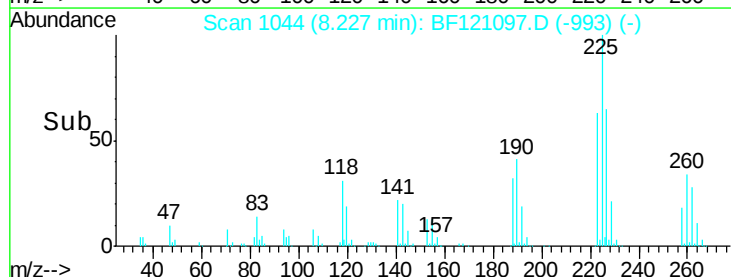
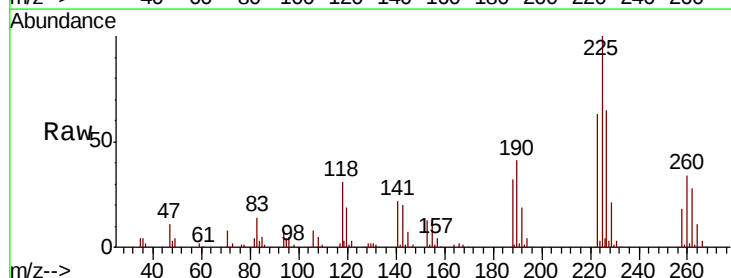
Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion:	127	Resp:	454743
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.2
65	27.7	21.4	32.0
92	17.7	13.8	20.8



#34
Hexachlorobutadiene
Concen: 36.072 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion:	225	Resp:	211113
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.7	74.5
227	64.5	51.4	77.0

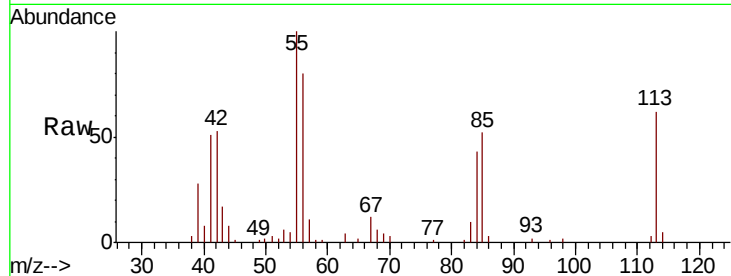




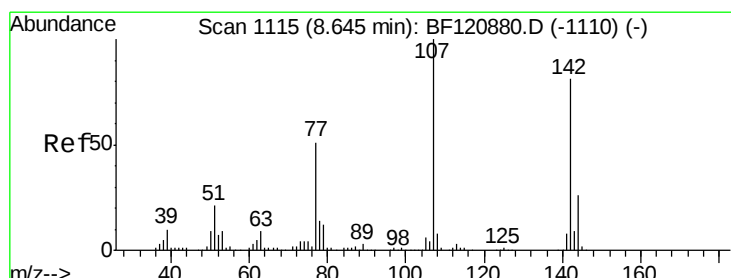
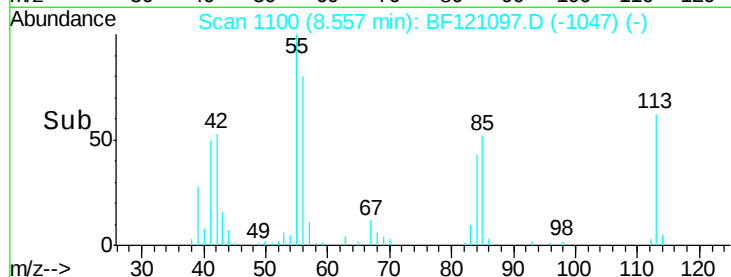
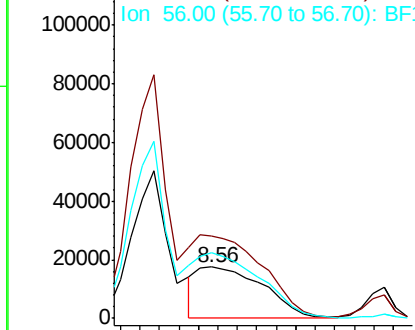
#35
 Caprolactam
 Concen: 14.447 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.01 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB130537BS

Tot Ion:113 Resp: 41455
 Ion Ratio Lower Upper
 113 100
 55 160.1 131.0 171.0
 56 127.5 90.4 130.4

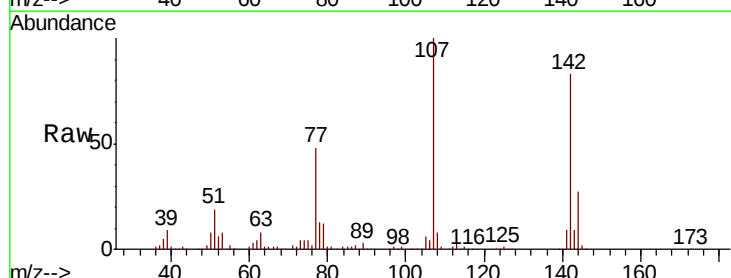


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

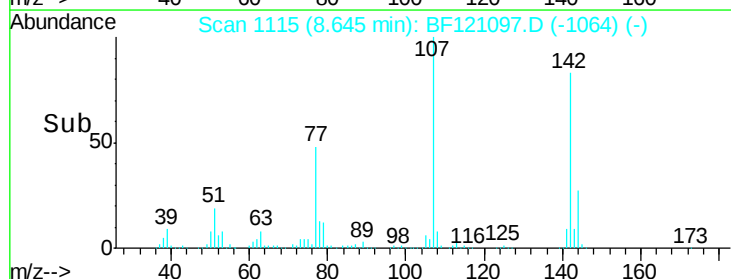
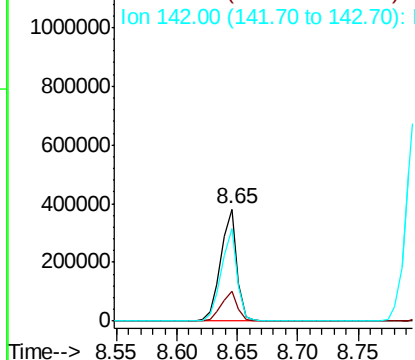


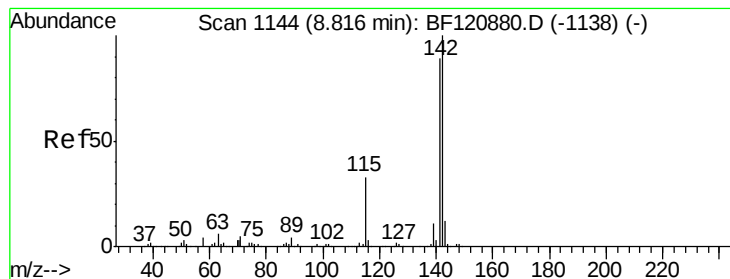
#36
 4-Chloro-3-methylphenol
 Concen: 37.897 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Tgt Ion:107 Resp: 347794
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.9 31.3
 142 82.6 64.5 96.7



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

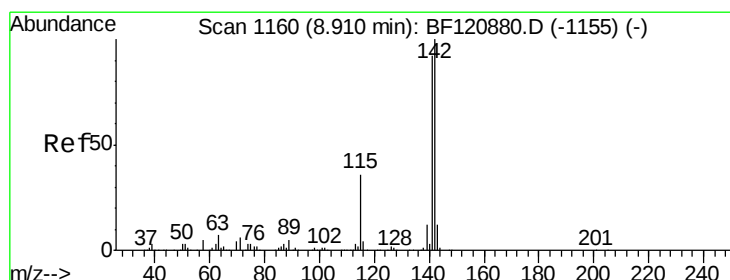
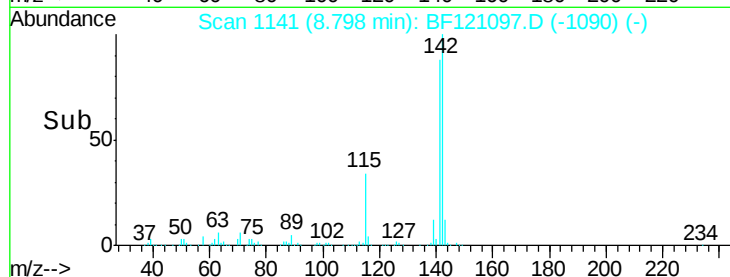
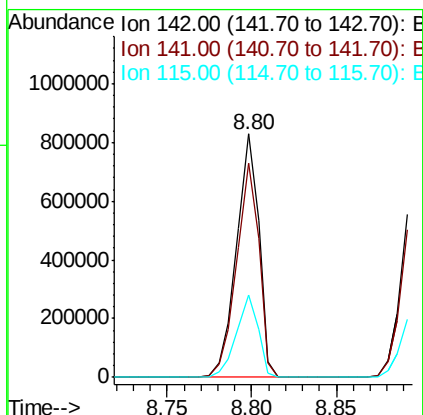
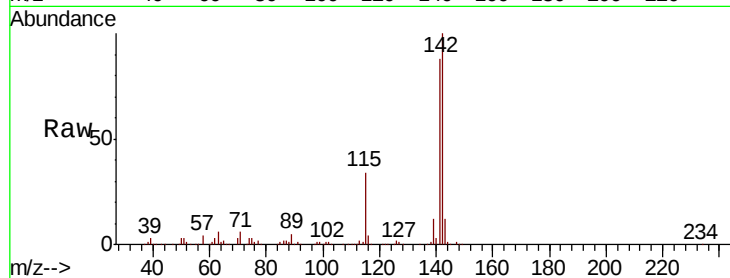




#37
2-Methylnaphthalene
Concen: 37.818 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

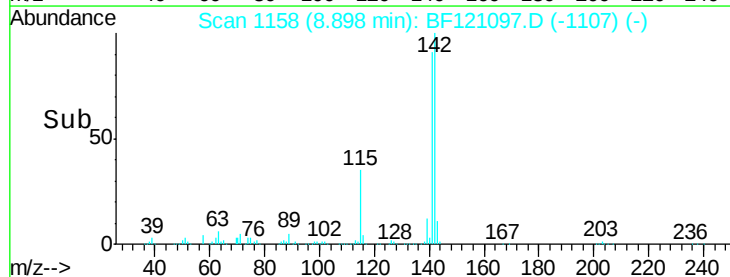
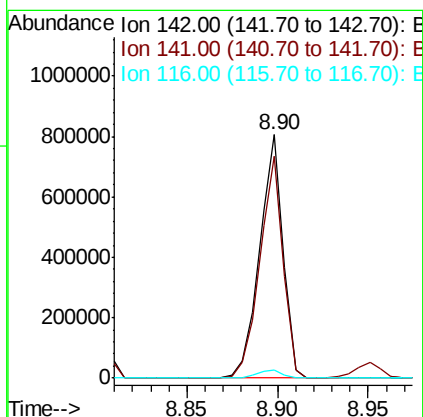
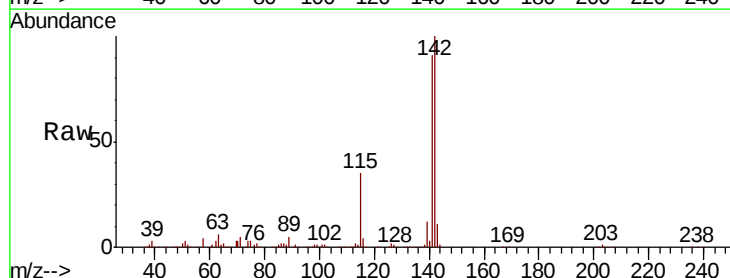
Instrument :
BNA_F
ClientSampleId :
PB130537BS

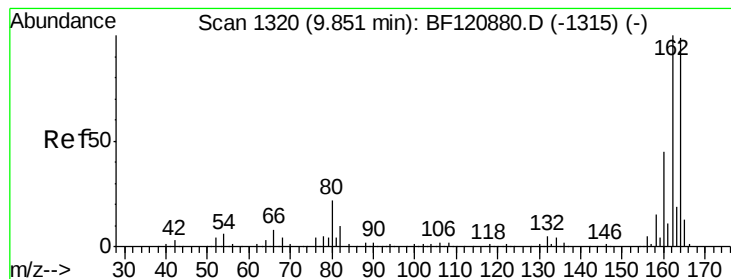
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.6	105.8
115	33.8	27.1	40.7



#38
1-Methylnaphthalene
Concen: 37.434 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.0	109.6
116	3.5	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

ClientSampleId :

PB130537BS

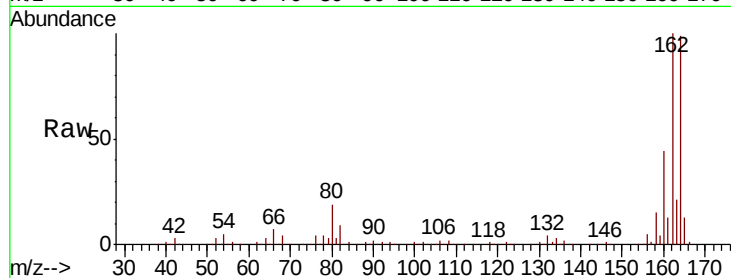
Tot Ion:164 Resp: 309200

Ion Ratio Lower Upper

164 100

162 100.8 82.2 123.2

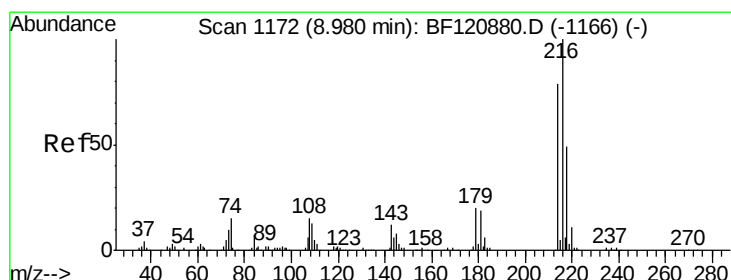
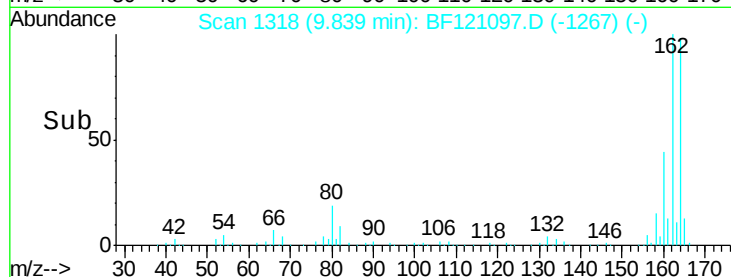
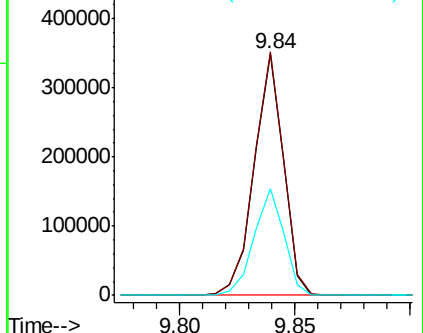
160 44.3 37.2 55.8



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: 38.757 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Tgt Ion:216 Resp: 349157

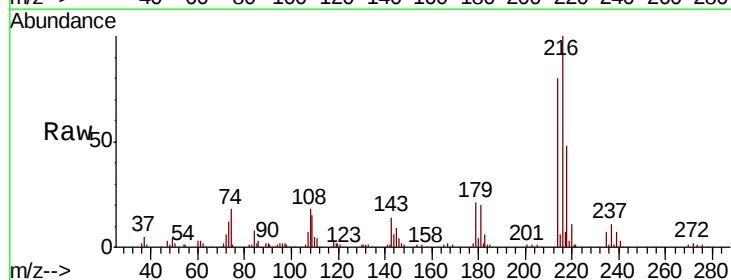
Ion Ratio Lower Upper

216 100

214 79.5 63.9 95.9

179 20.4 16.6 24.8

108 20.2 15.0 22.4

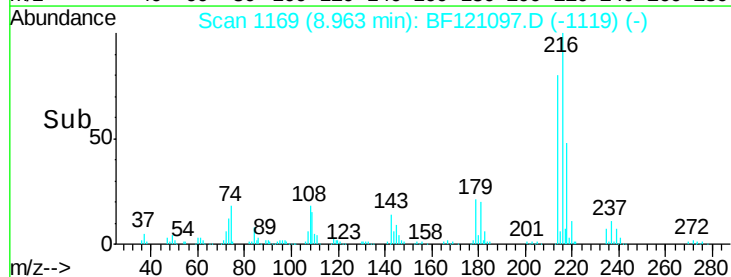
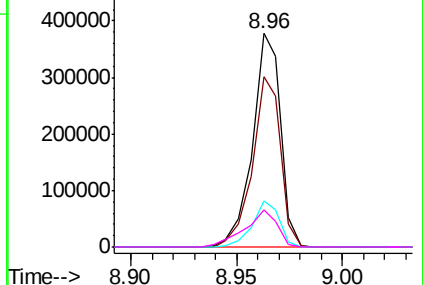


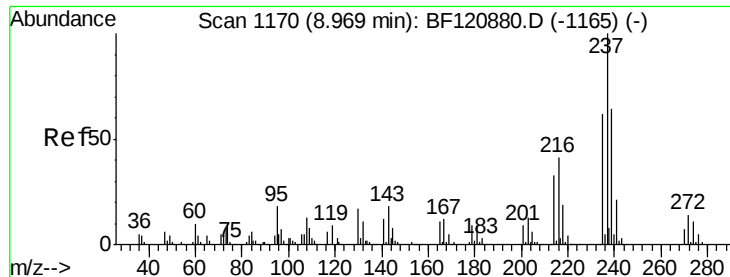
Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.082 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

ClientSampleId :

PB130537BS

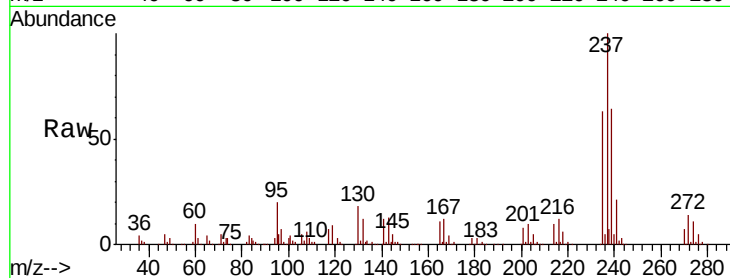
Tot Ion:237 Resp: 403704

Ion Ratio Lower Upper

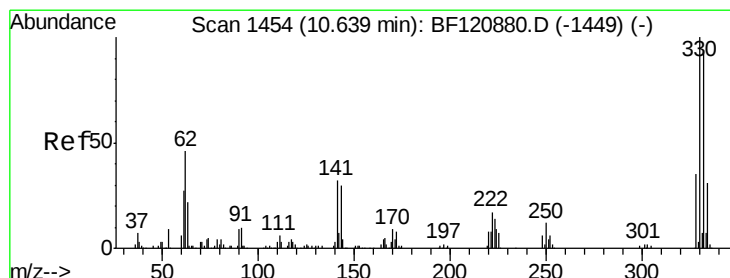
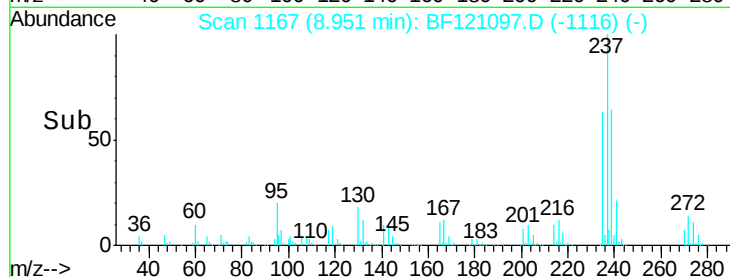
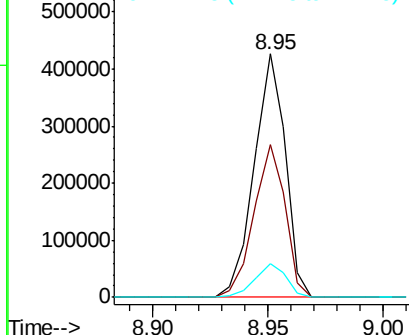
237 100

235 62.9 43.2 83.2

272 13.6 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: 126.961 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

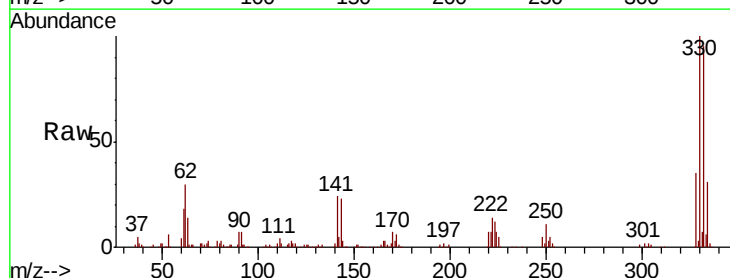
Tgt Ion:330 Resp: 429699

Ion Ratio Lower Upper

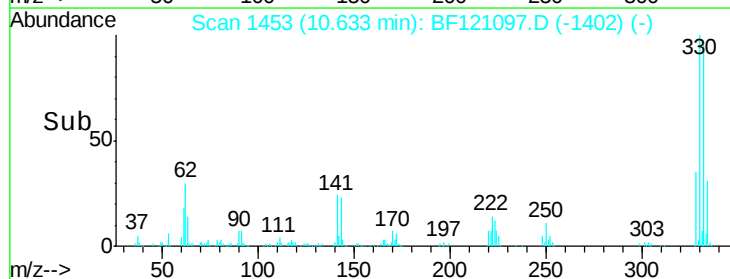
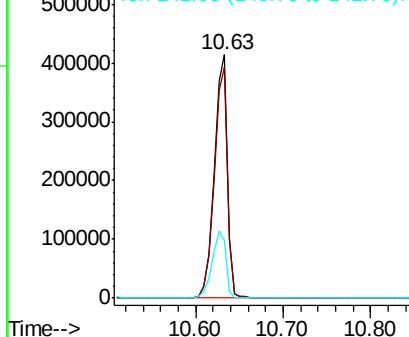
330 100

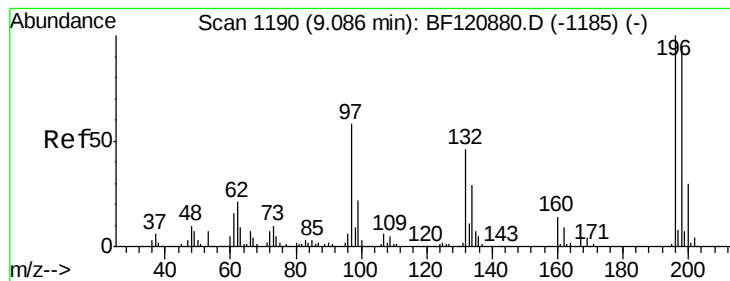
332 95.4 76.1 114.1

141 29.2 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: 39.171 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

ClientSampleId :

PB130537BS

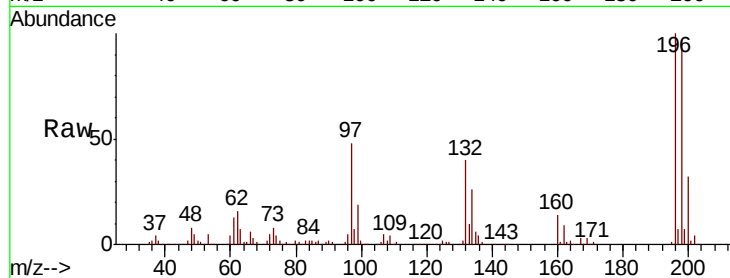
Tot Ion:196 Resp: 248462

Ion Ratio Lower Upper

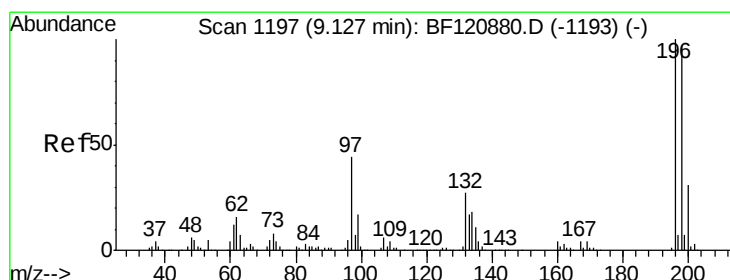
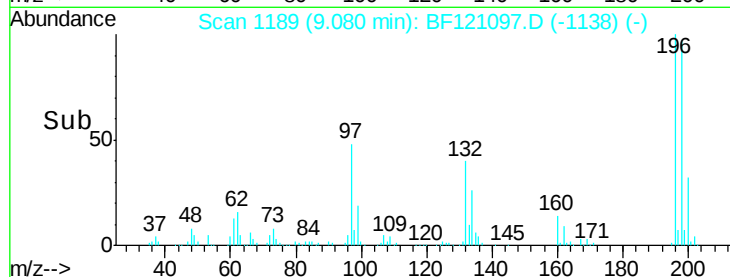
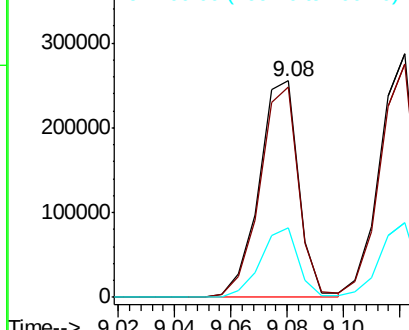
196 100

198 97.0 77.5 116.3

200 31.8 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: 36.637 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Tgt Ion:196 Resp: 263605

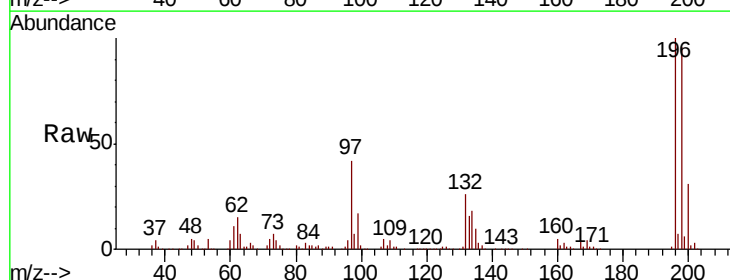
Ion Ratio Lower Upper

196 100

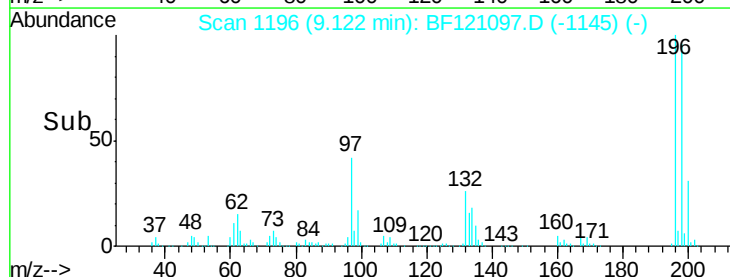
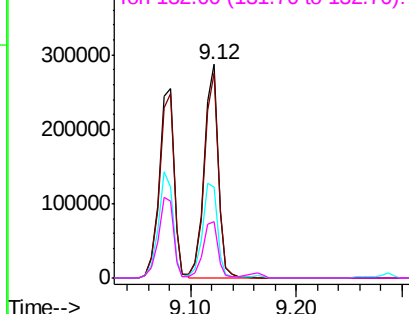
198 96.1 76.2 114.4

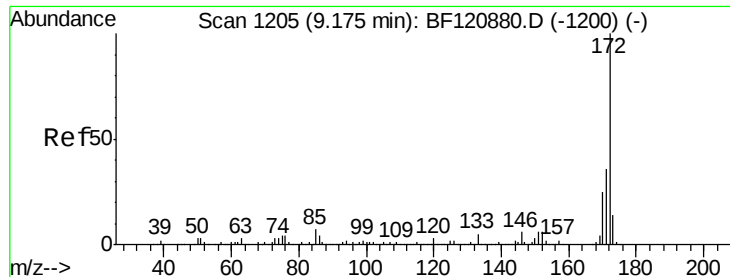
97 42.5 37.3 55.9

132 26.1 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

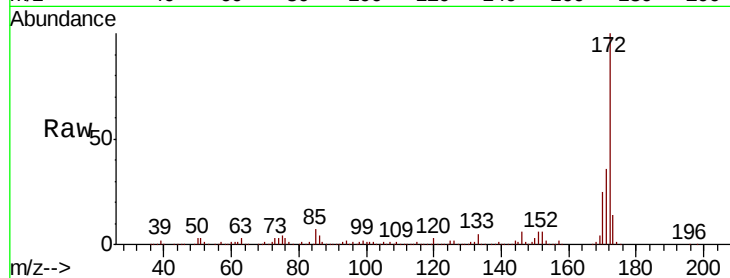




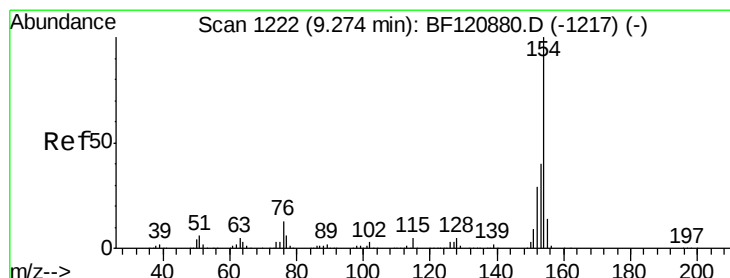
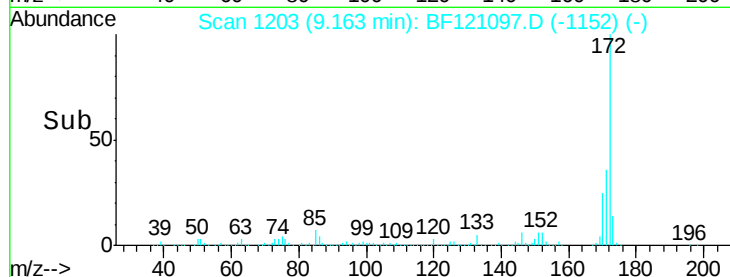
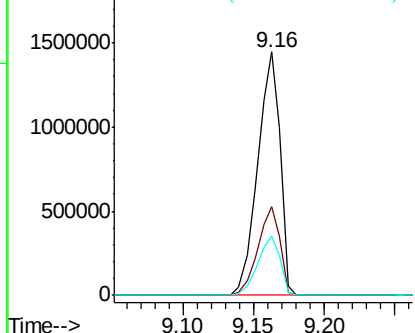
#45
2-Fluorobiphenyl
Concen: 78.093 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion:172 Resp: 1617256
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 24.5 19.6 29.4

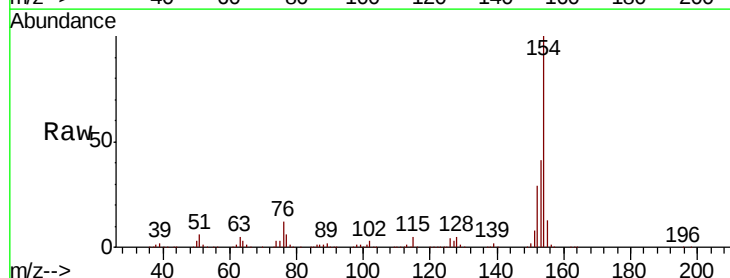


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

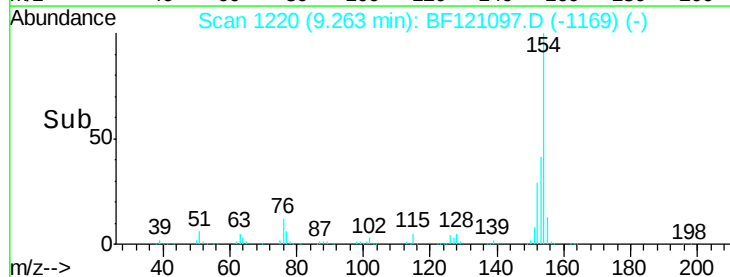
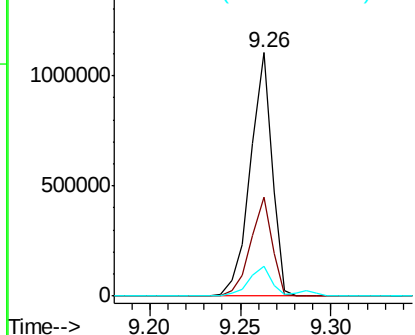


#46
1,1'-Biphenyl
Concen: 39.026 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion:154 Resp: 920452
Ion Ratio Lower Upper
154 100
153 40.5 20.6 60.6
76 12.2 0.0 33.4



Abundance Ion 154.00 (153.70 to 154.70): E
1500000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

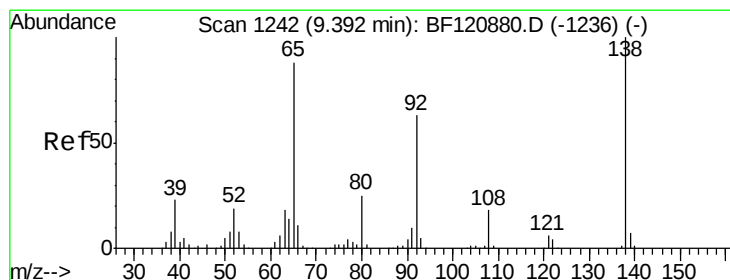
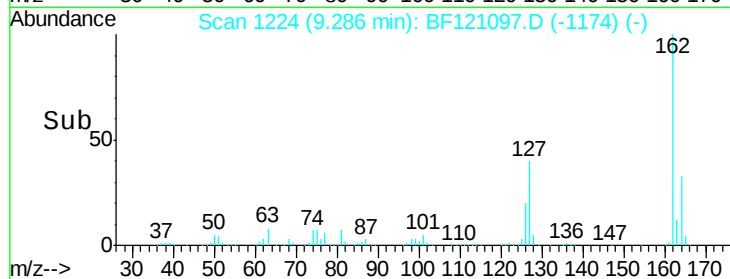
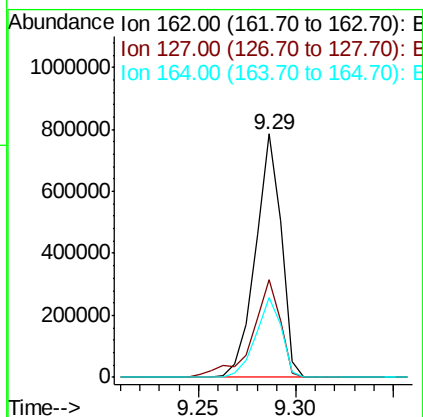
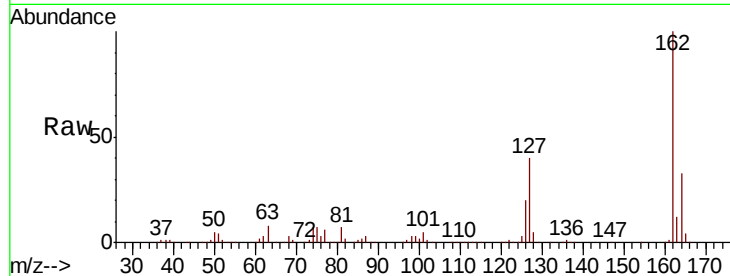




#47
 2-Chloronaphthalene
 Concen: 37.118 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

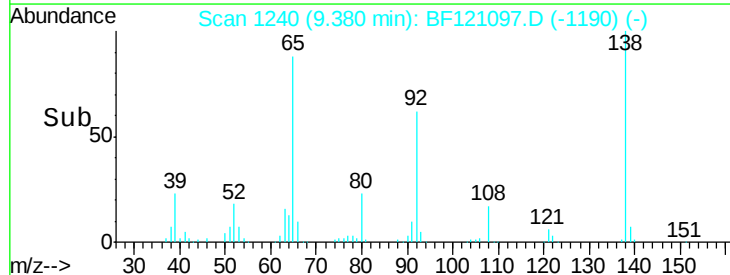
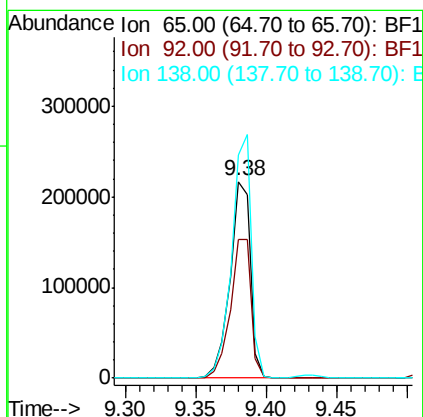
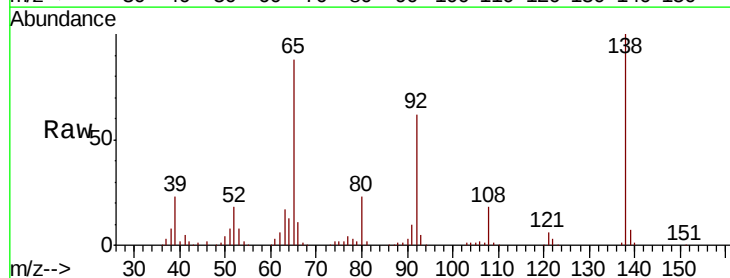
Instrument :
 BNA_F
 ClientSampleId :
 PB130537BS

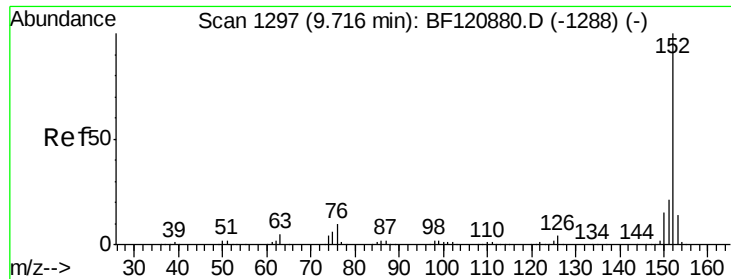
Tot Ion:162 Resp: 713771
 Ion Ratio Lower Upper
 162 100
 127 40.0 31.1 46.7
 164 32.9 26.6 40.0



#48
 2-Nitroaniline
 Concen: 37.410 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Tgt Ion: 65 Resp: 217399
 Ion Ratio Lower Upper
 65 100
 92 70.3 58.0 87.0
 138 113.4 93.3 139.9





#49

Acenaphthylene

Concen: 38.203 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

ClientSampleId :

PB130537BS

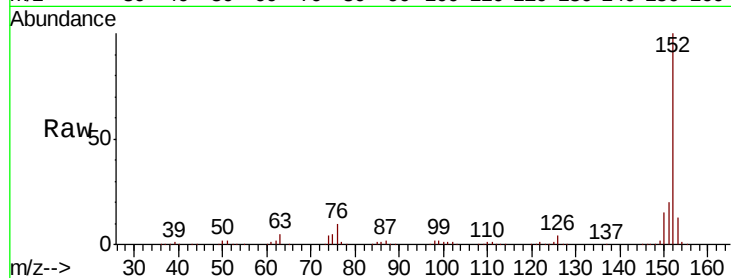
Tot Ion:152 Resp: 1141257

Ion Ratio Lower Upper

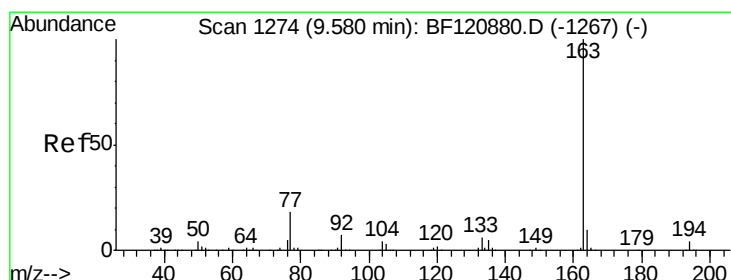
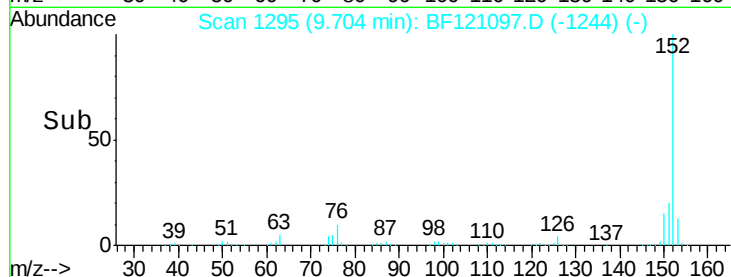
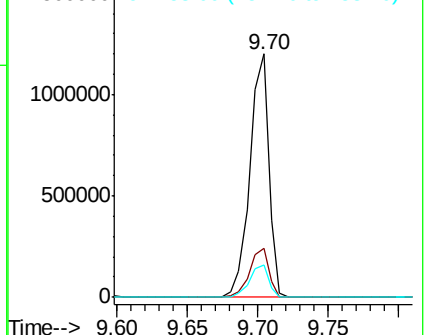
152 100

151 20.3 16.6 25.0

153 13.2 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: 37.661 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

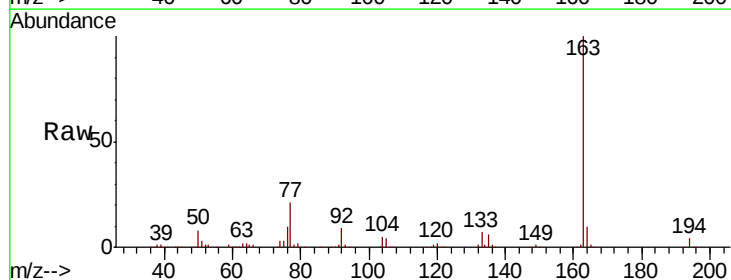
Tgt Ion:163 Resp: 840094

Ion Ratio Lower Upper

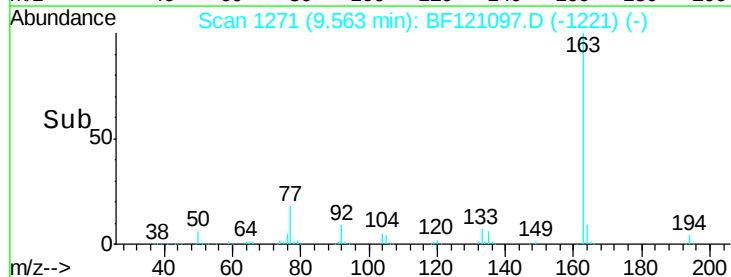
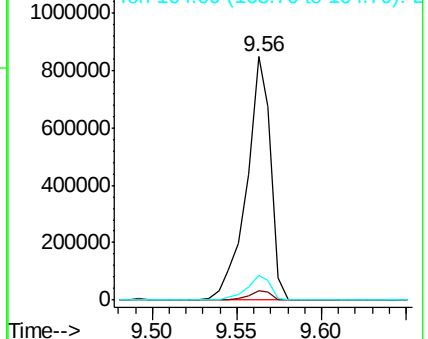
163 100

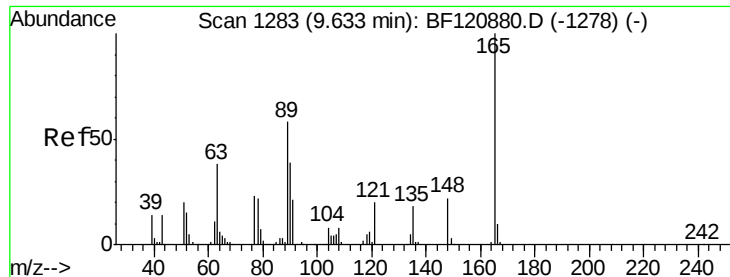
194 3.7 3.0 4.4

164 10.4 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

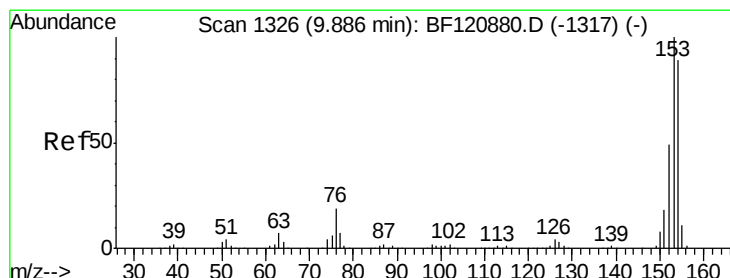
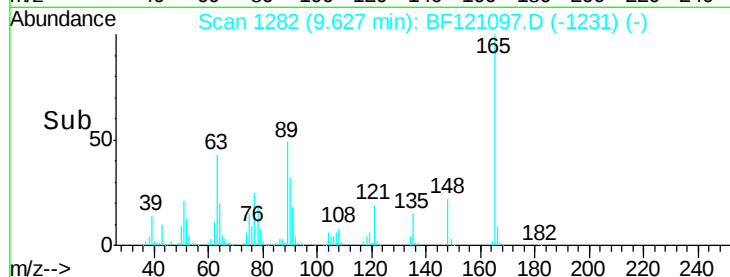
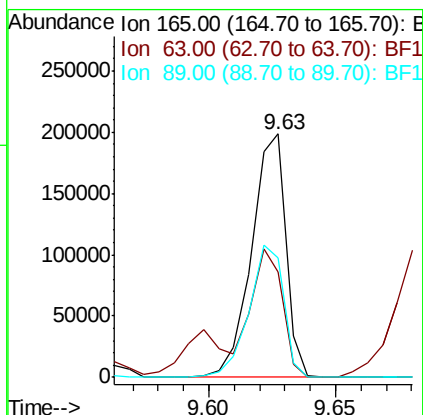
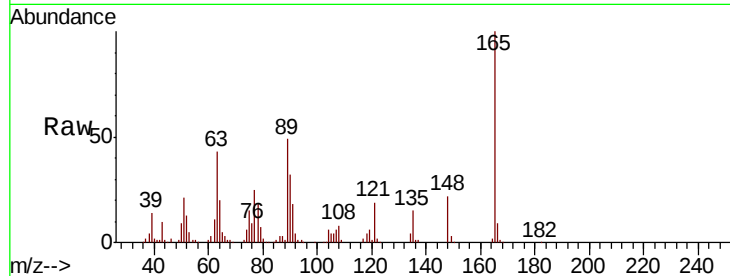




#51
2,6-Dinitrotoluene
Concen: 39.162 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

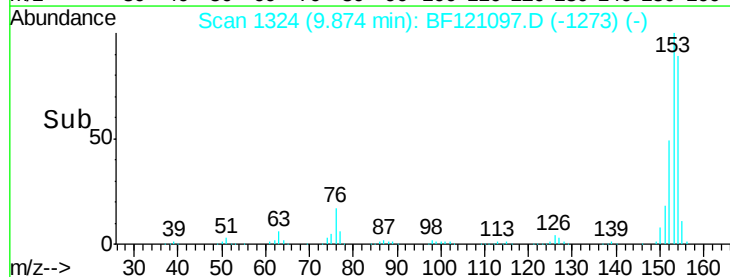
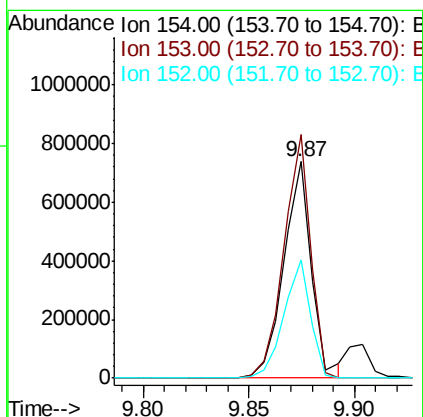
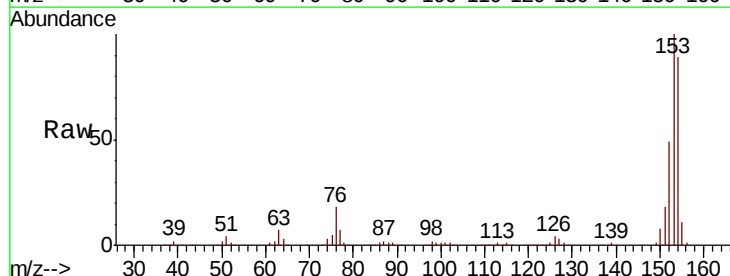
Instrument :
BNA_F
ClientSampleId :
PB130537BS

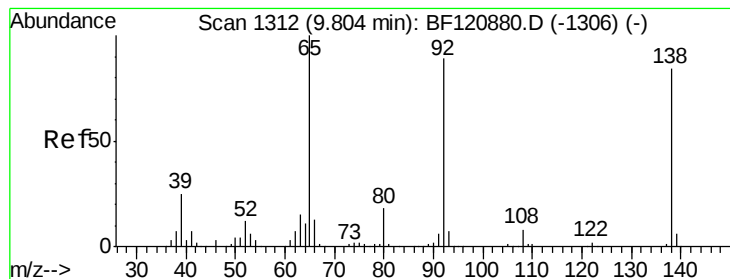
Tot Ion:165 Resp: 187681
Ion Ratio Lower Upper
165 100
63 43.5 41.1 61.7
89 49.0 43.5 65.3



#52
Acenaphthene
Concen: 35.494 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion:154 Resp: 674123
Ion Ratio Lower Upper
154 100
153 112.4 89.6 134.4
152 54.7 43.8 65.6





#53

3-Nitroaniline

Concen: 30.046 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

ClientSampleId :

PB130537BS

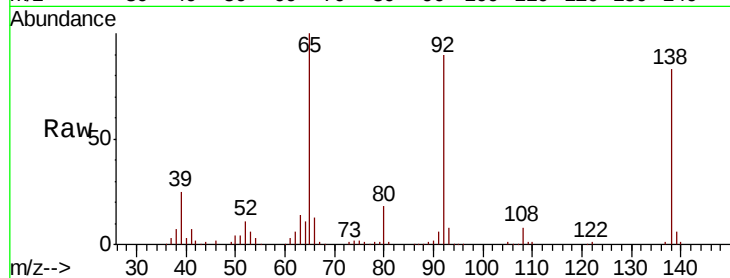
Tot Ion:138 Resp: 180595

Ion Ratio Lower Upper

138 100

108 9.6 7.8 11.8

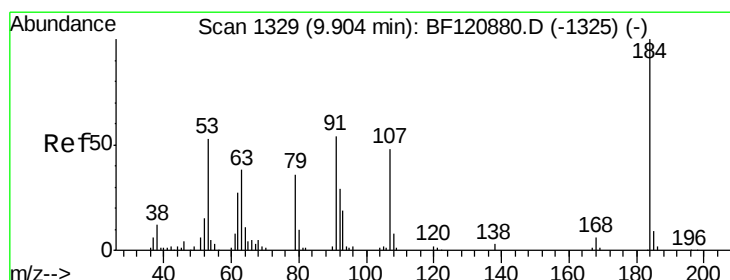
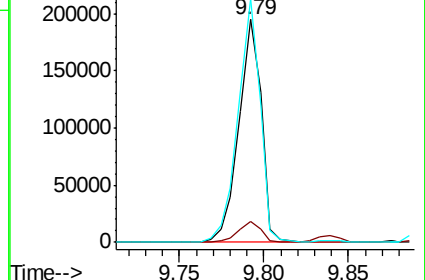
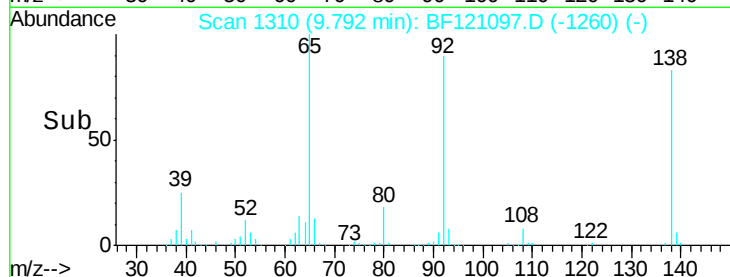
92 109.3 85.0 127.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 69.595 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

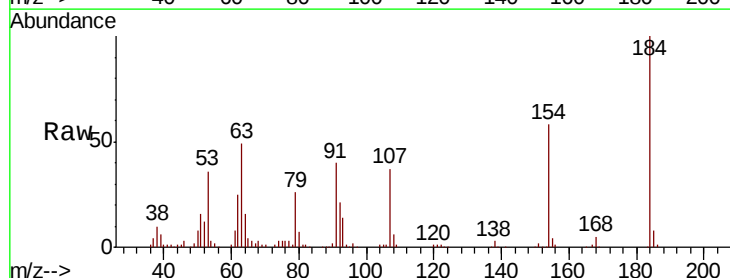
Tgt Ion:184 Resp: 189299

Ion Ratio Lower Upper

184 100

63 49.4 42.5 63.7

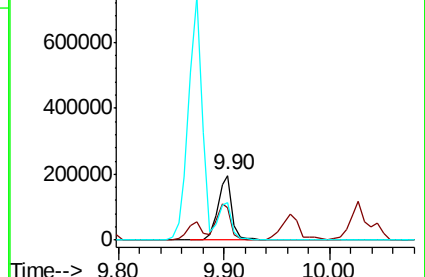
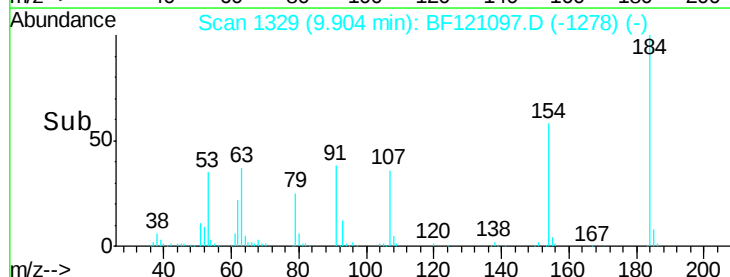
154 57.8 46.8 70.2

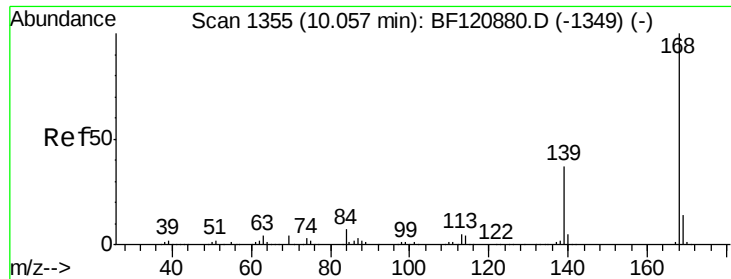


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

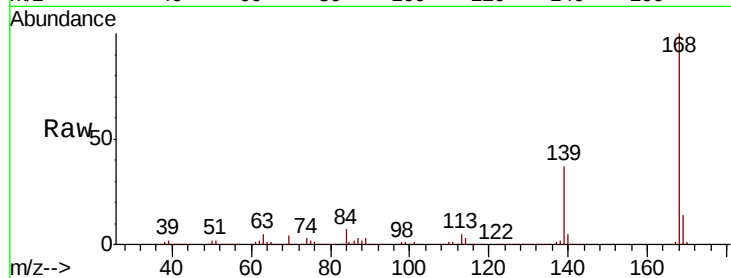




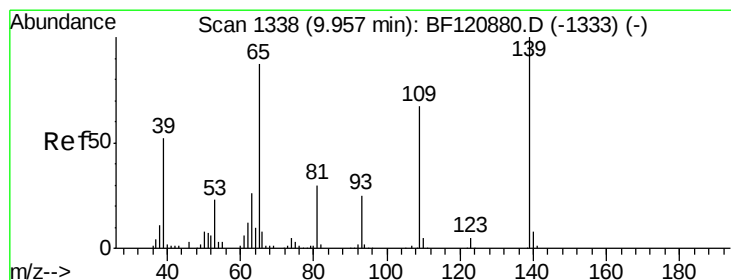
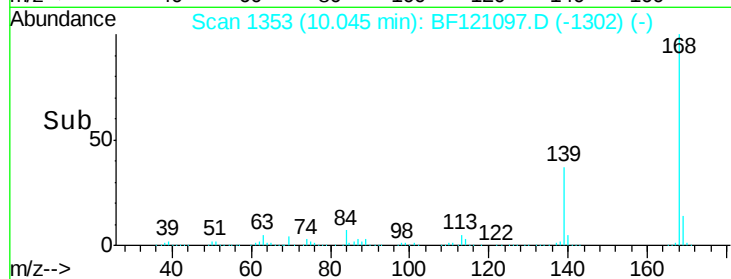
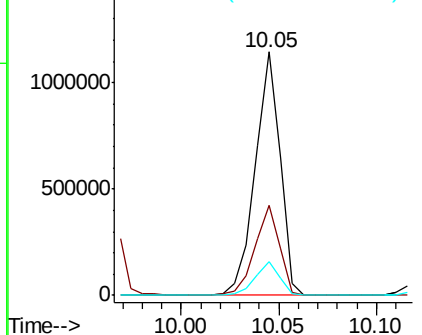
#55
Dibenzenofuran
Concen: 36.733 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion:168 Resp: 1008876
Ion Ratio Lower Upper
168 100
139 36.8 30.1 45.1
169 13.8 11.3 16.9

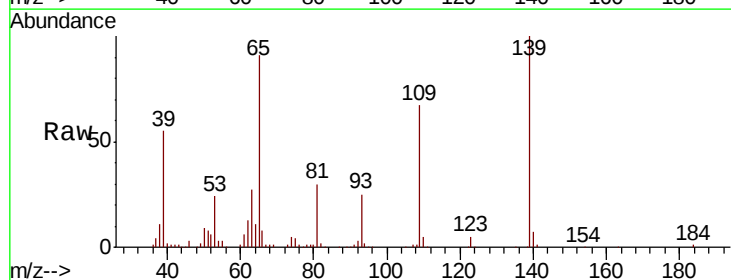


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

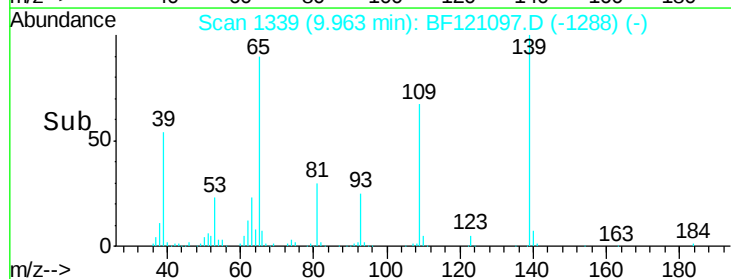
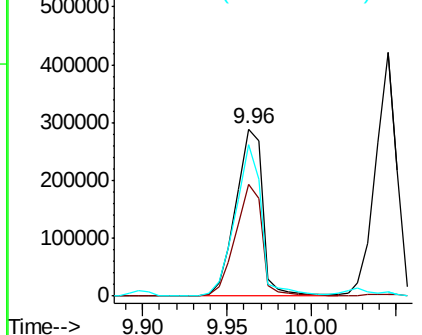


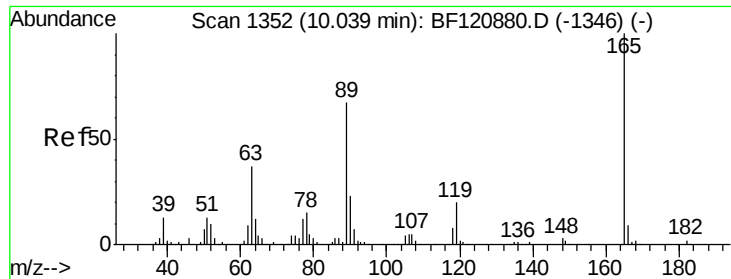
#56
4-Nitrophenol
Concen: 70.695 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion:139 Resp: 322780
Ion Ratio Lower Upper
139 100
109 67.3 44.8 84.8
65 90.6 65.6 105.6



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

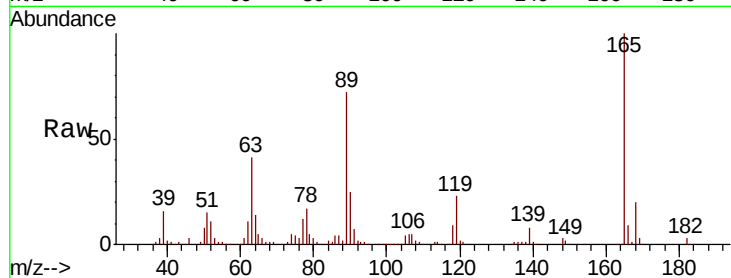




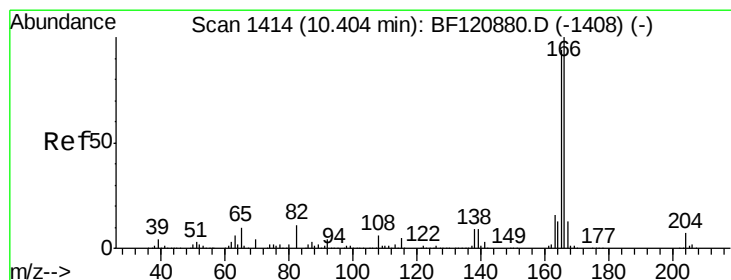
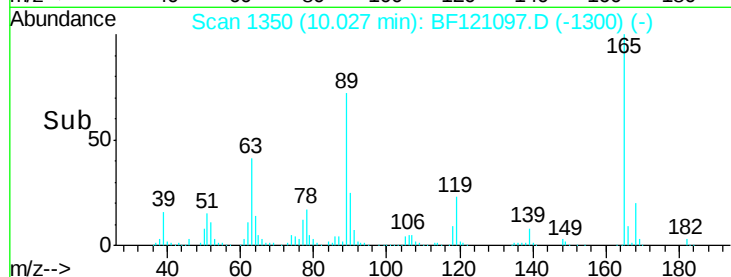
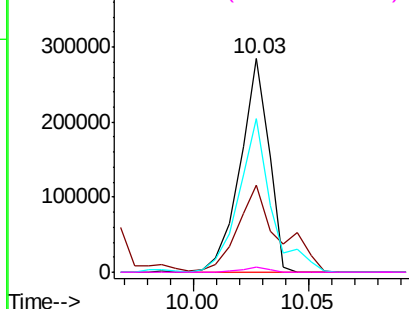
#57
2,4-Dinitrotoluene
Concen: 39.266 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion:165	Resp:	247116
Ion Ratio	Lower	Upper
165	100	
63	41.1	29.8 44.8
89	71.6	50.3 75.5
182	2.6	2.1 3.1

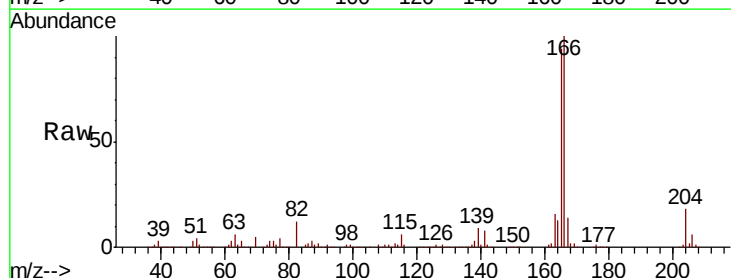


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

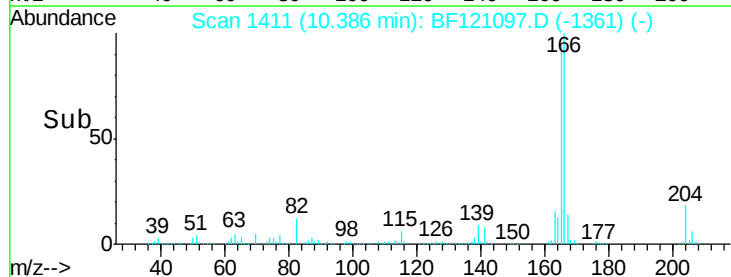
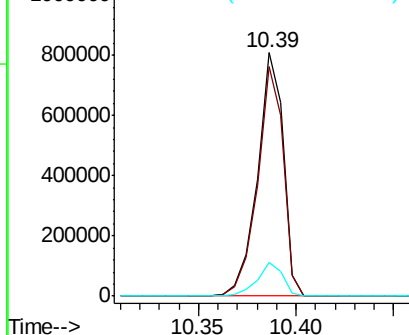


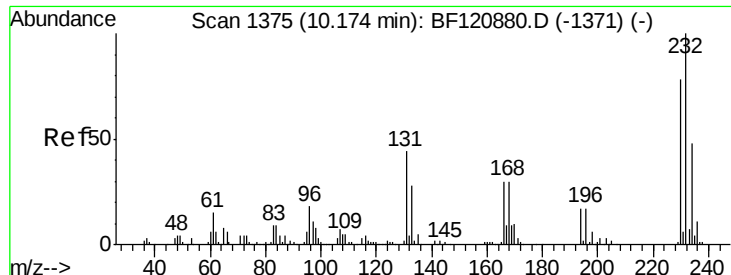
#58
Fluorene
Concen: 36.021 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion:166	Resp:	737868
Ion Ratio	Lower	Upper
166	100	
165	94.2	76.4 114.6
167	13.8	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

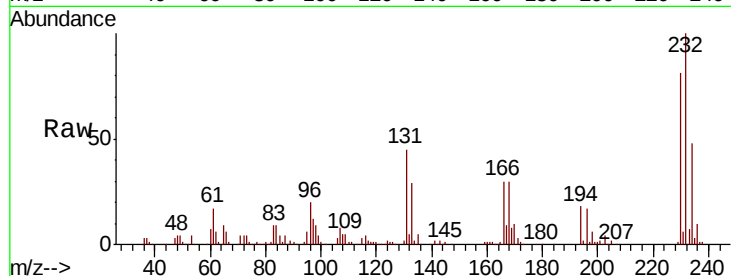




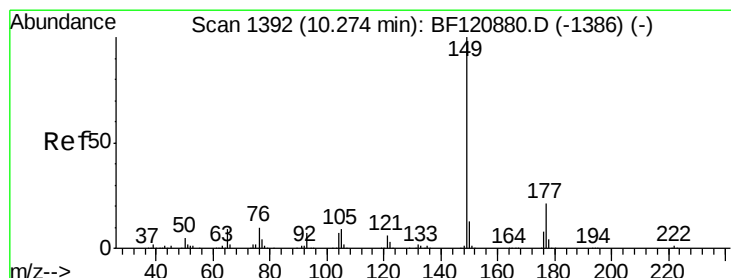
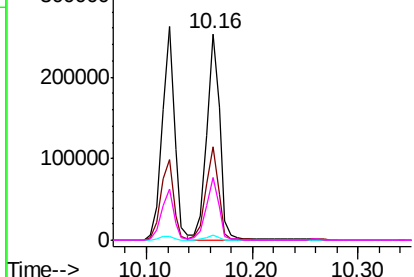
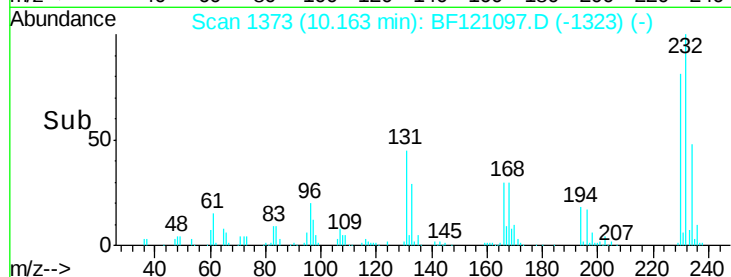
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.285 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB130537BS

Tot Ion:	232	Resp:	220688
Ion	Ratio	Lower	Upper
232	100		
131	44.3	34.2	51.2
130	2.2	1.7	2.5
166	29.5	23.1	34.7

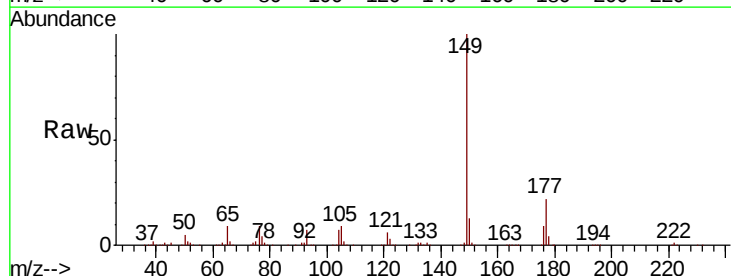


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

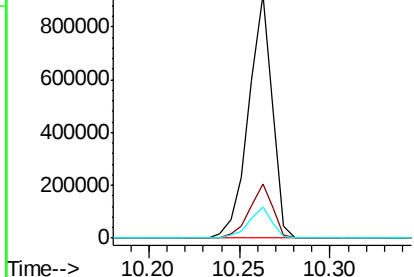
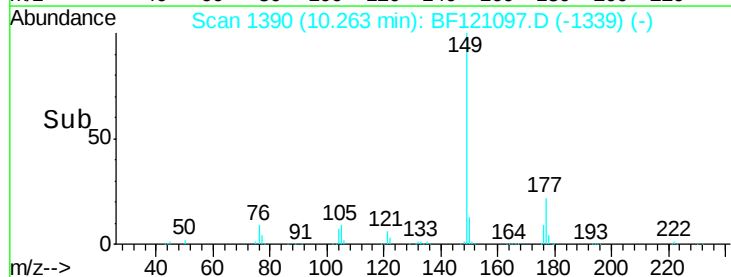


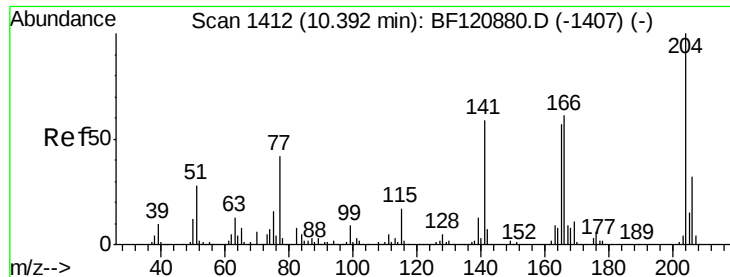
#60
 Diethylphthalate
 Concen: 36.907 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Tgt Ion:	149	Resp:	832727
Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.6	26.4
150	12.8	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

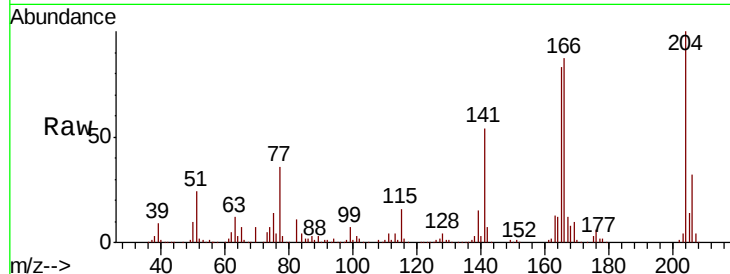




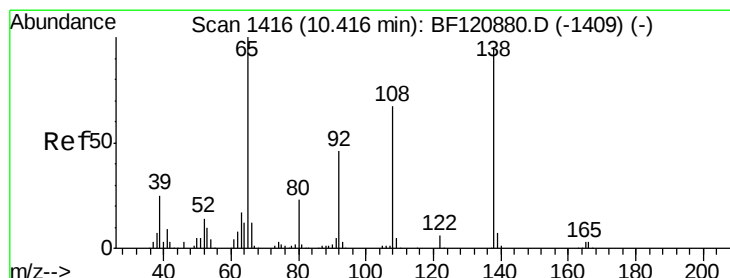
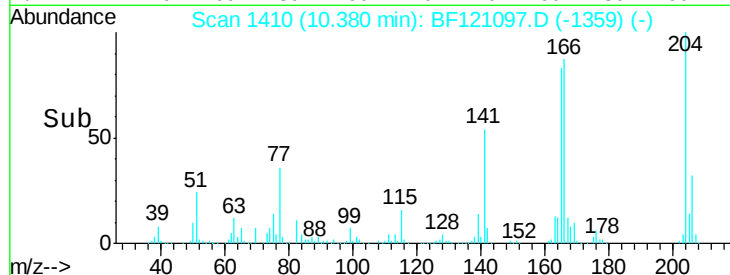
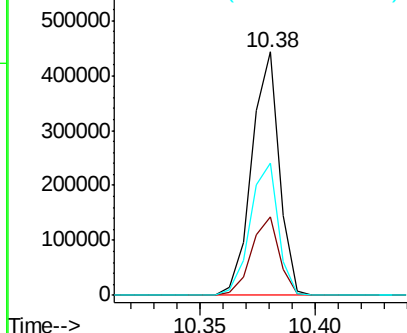
#61
4-Chlorophenyl-phenylether
Concen: 33.772 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion:204 Resp: 368983
Ion Ratio Lower Upper
204 100
206 32.1 26.0 39.0
141 54.1 46.9 70.3

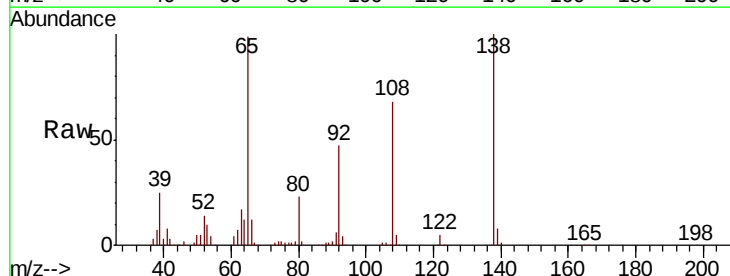


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

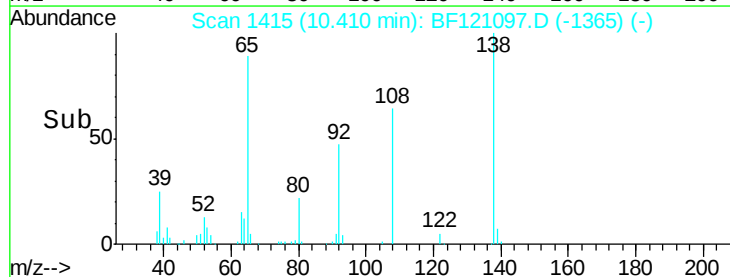
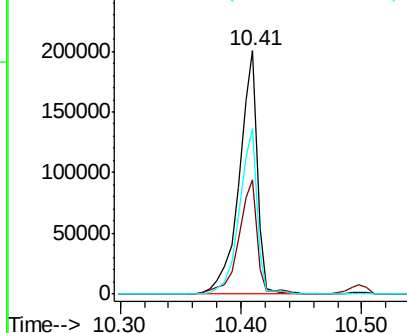


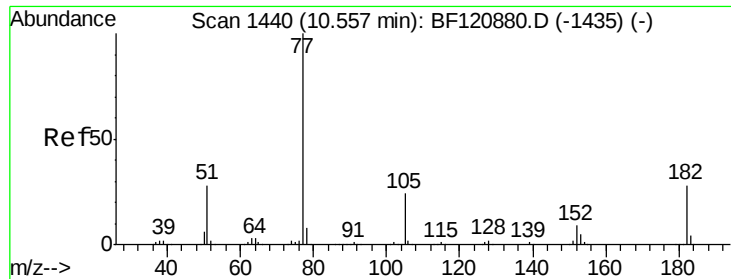
#62
4-Nitroaniline
Concen: 35.895 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion:138 Resp: 210159
Ion Ratio Lower Upper
138 100
92 47.0 25.2 65.2
108 67.9 46.7 86.7



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





#63

Azobenzene

Concen: 36.648 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

ClientSampleId :

PB130537BS

Tot Ion: 77 Resp: 787202

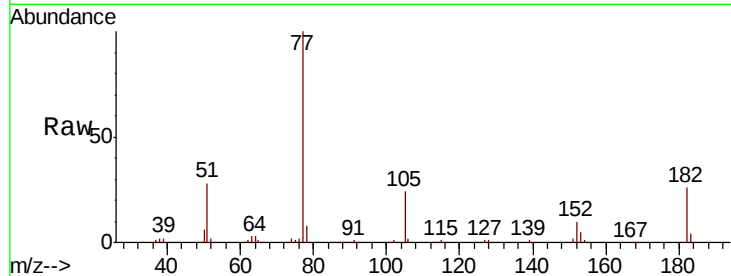
Ion Ratio Lower Upper

77 100

182 25.8 4.5 44.5

105 23.9 3.4 43.4

51 27.8 8.7 48.7

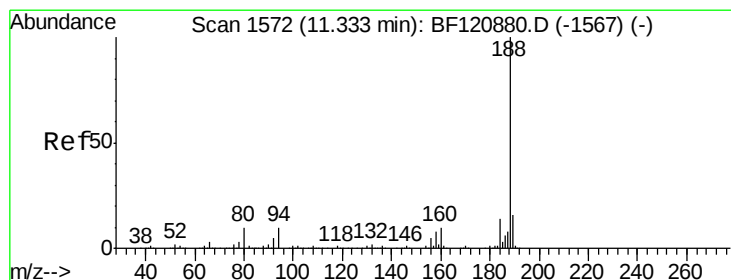
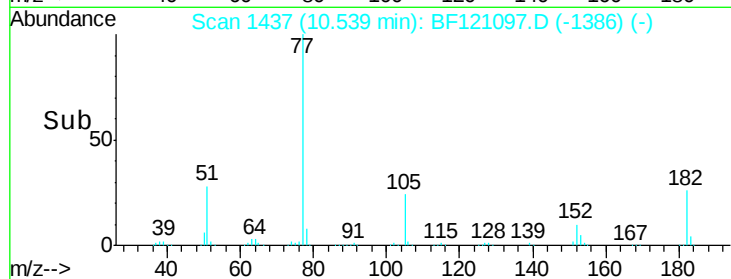
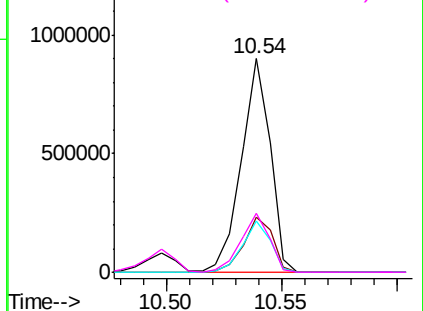


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF121097.D

Acq: 29 Jul 2020 12:36

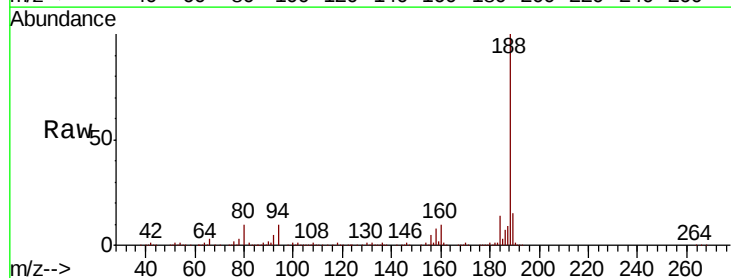
Tgt Ion: 188 Resp: 577164

Ion Ratio Lower Upper

188 100

94 9.6 8.0 12.0

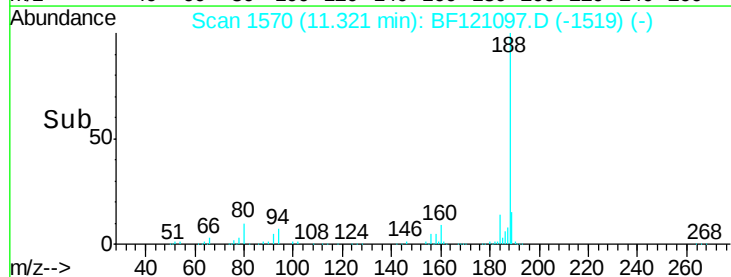
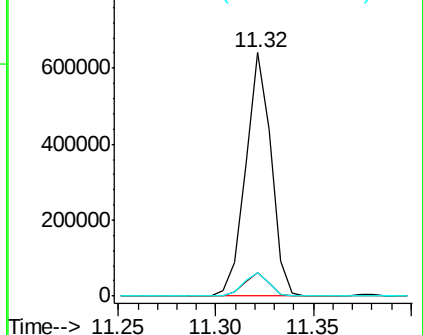
80 9.8 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 39.230 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

ClientSampleId :

PB130537BS

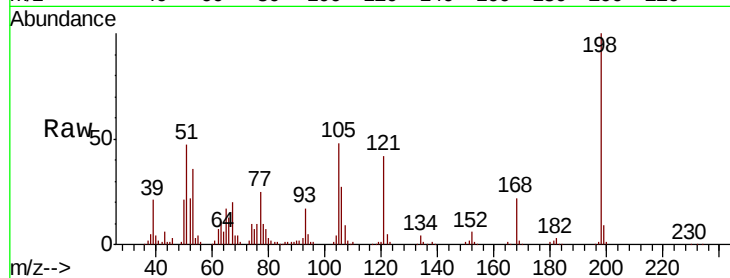
Tot Ion:198 Resp: 128493

Ion Ratio Lower Upper

198 100

51 47.4 23.4 63.4

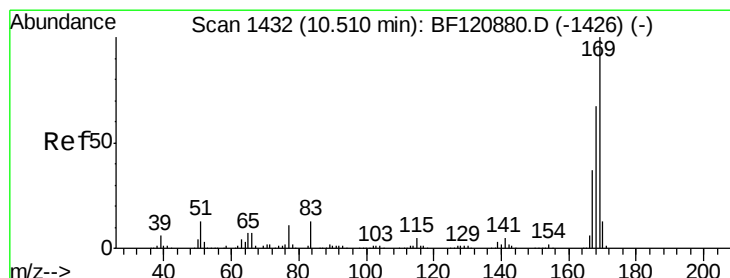
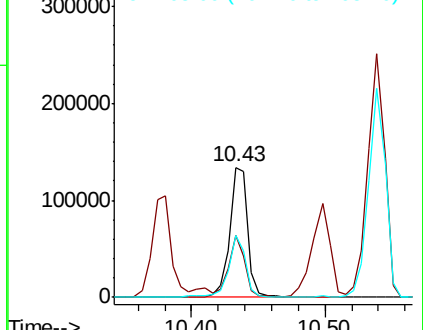
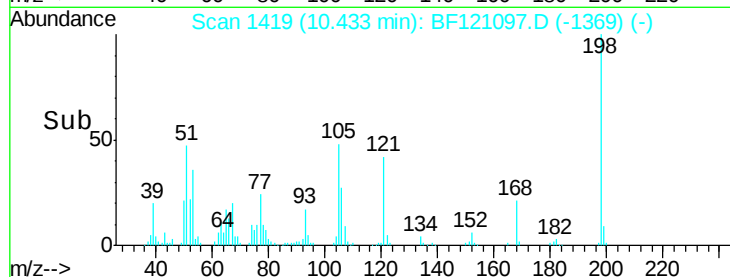
105 47.6 23.7 63.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.858 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

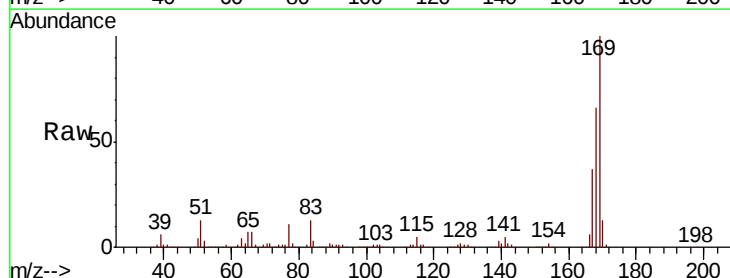
Tgt Ion:169 Resp: 705516

Ion Ratio Lower Upper

169 100

168 66.2 53.7 80.5

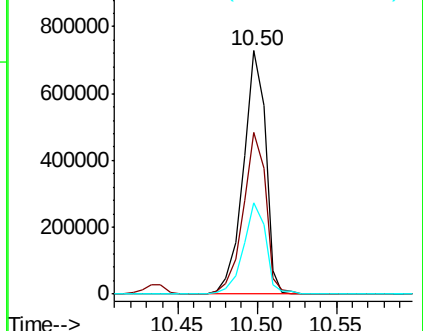
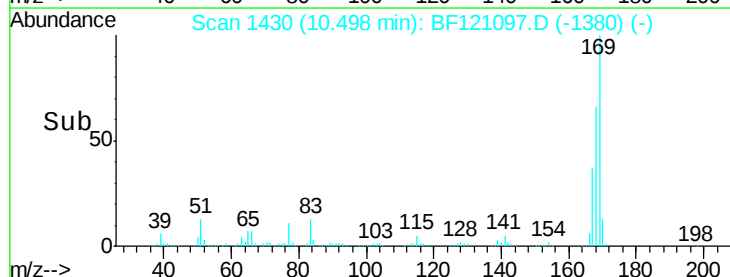
167 37.4 30.0 45.0

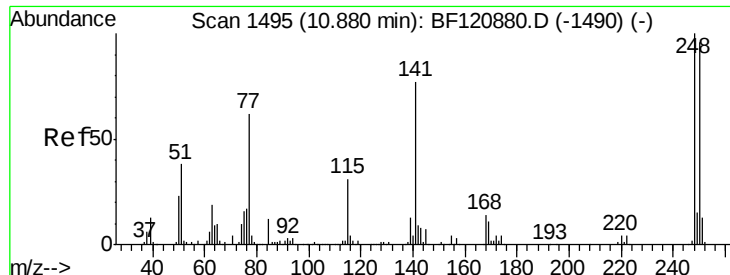


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

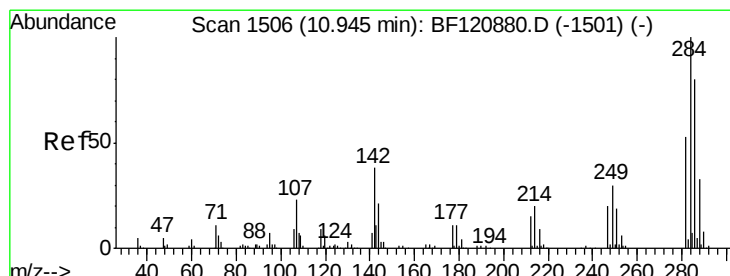
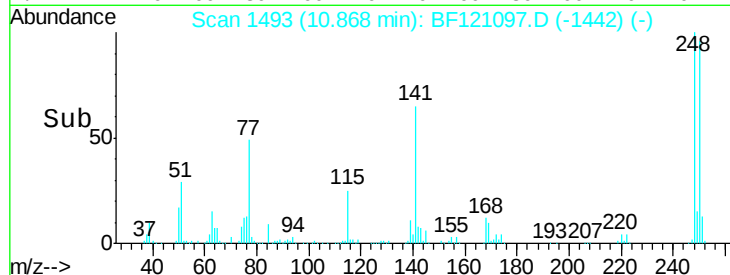
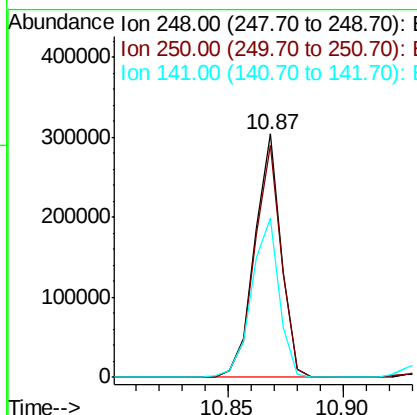
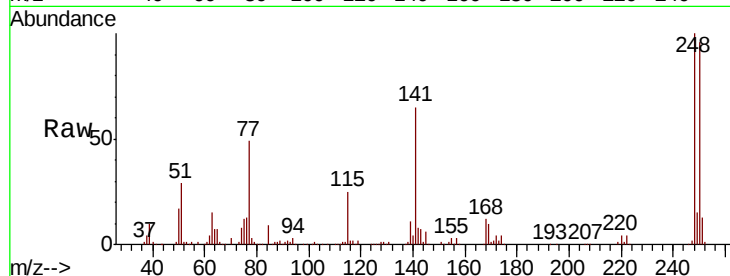




#67
 4-Bromophenyl-phenylether
 Concen: 37.827 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

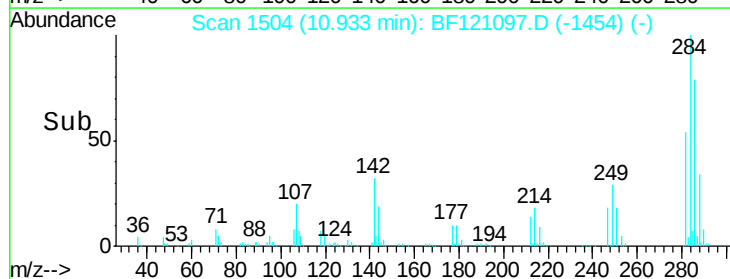
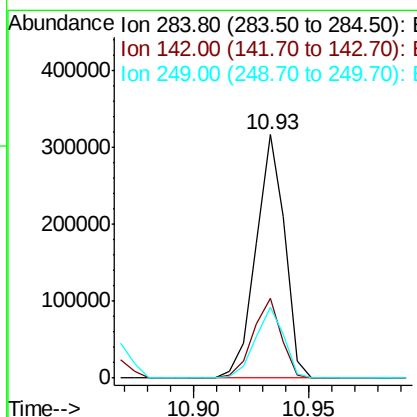
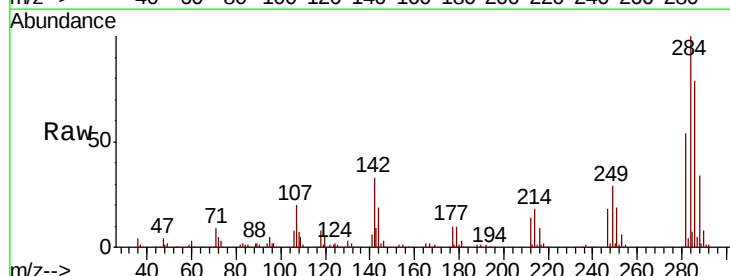
Instrument :
 BNA_F
 ClientSampleId :
 PB130537BS

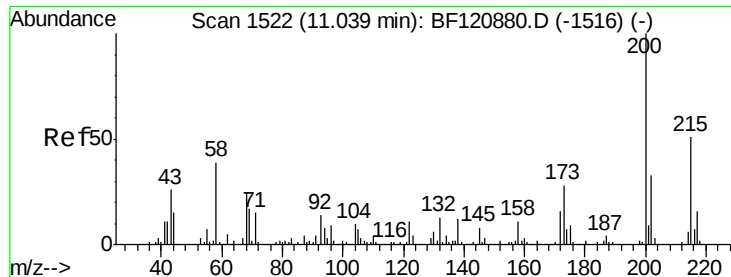
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.0	115.6
141	65.2	56.6	85.0



#68
 Hexachlorobenzene
 Concen: 39.571 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	21.1	31.7#
249	29.3	22.5	33.7



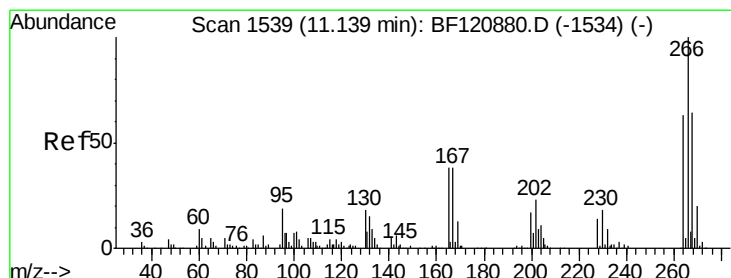
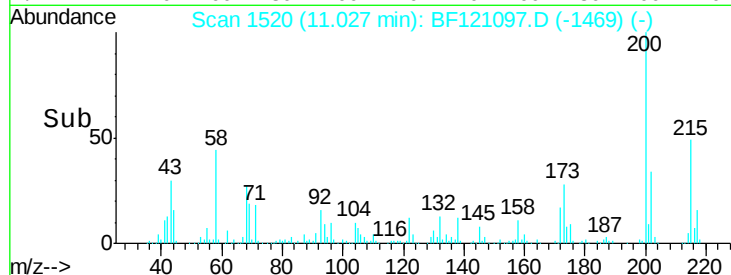
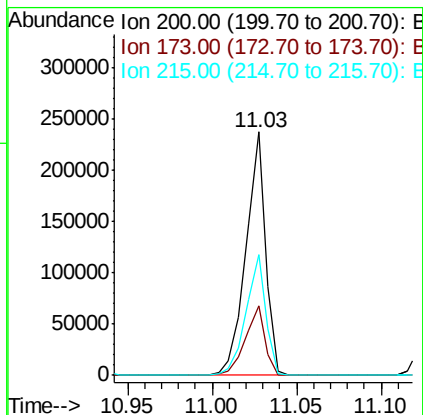
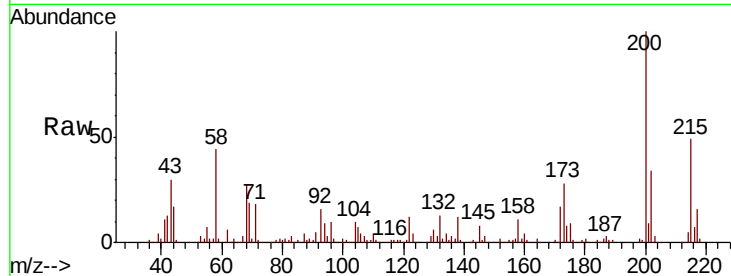


#69
Atrazine
Concen: 43.340 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion:200 Resp: 194883

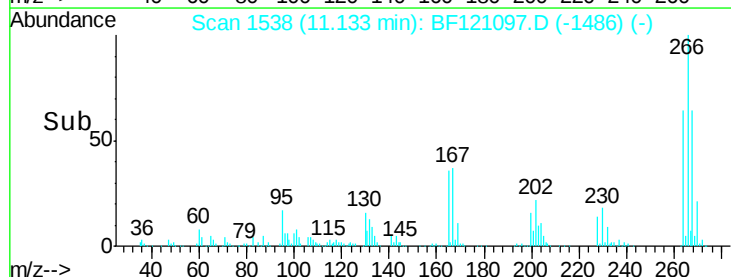
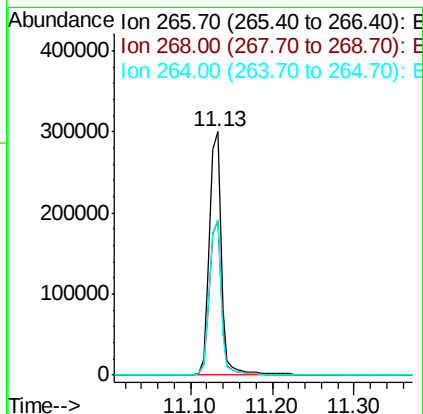
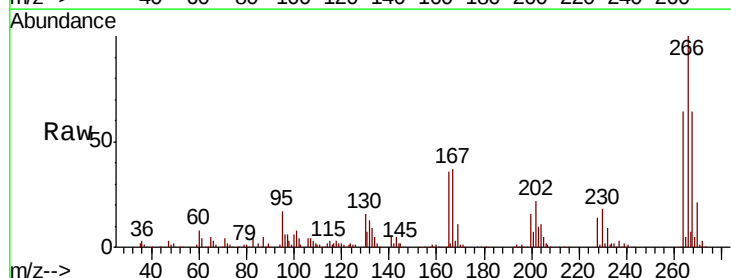
Ion	Ratio	Lower	Upper
200	100		
173	28.4	7.6	47.6
215	49.4	28.8	68.8

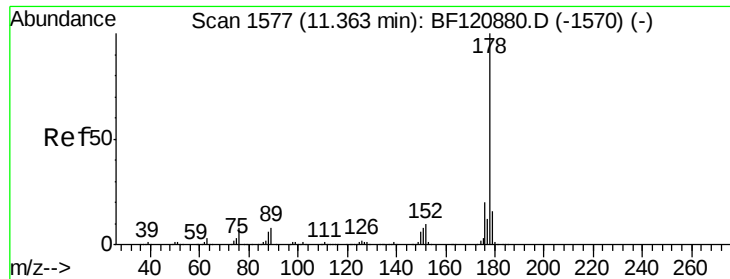


#70
Pentachlorophenol
Concen: 77.039 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion:266 Resp: 307217

Ion	Ratio	Lower	Upper
266	100		
268	63.7	49.7	74.5
264	63.9	50.4	75.6

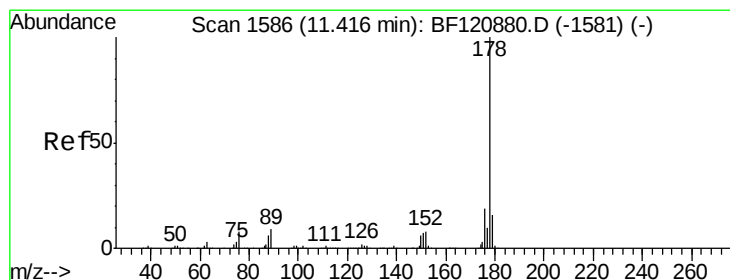
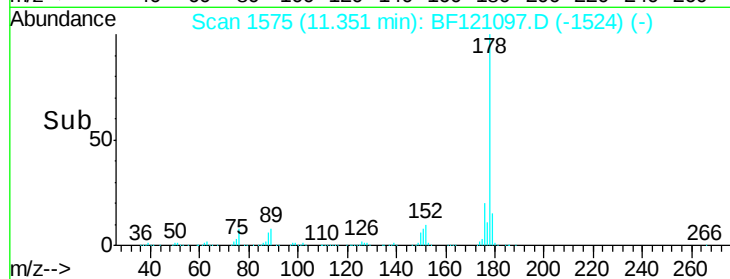
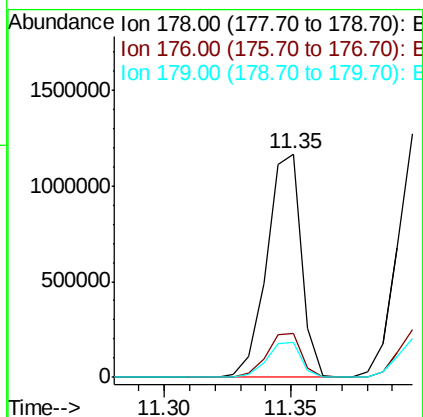
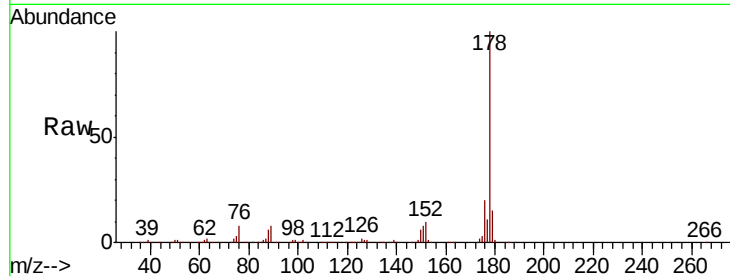




#71
Phenanthrene
Concen: 37.699 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

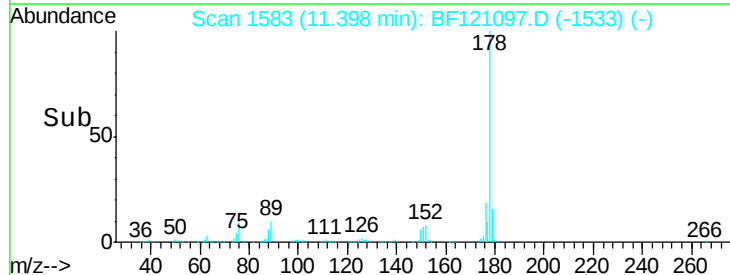
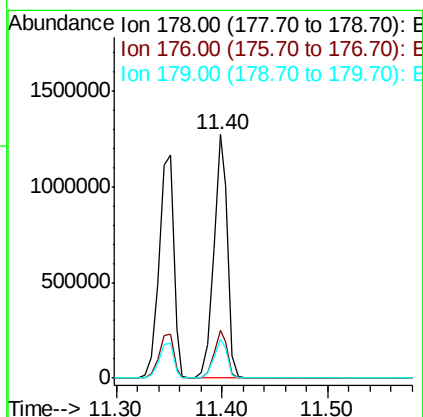
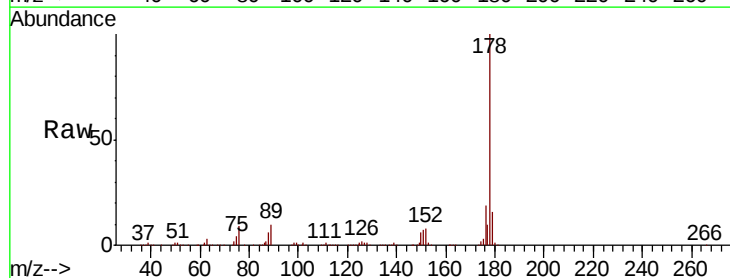
Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion:178 Resp: 1119051
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.2
179 15.5 12.6 19.0



#72
Anthracene
Concen: 39.121 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion:178 Resp: 1166060
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.7 12.6 19.0

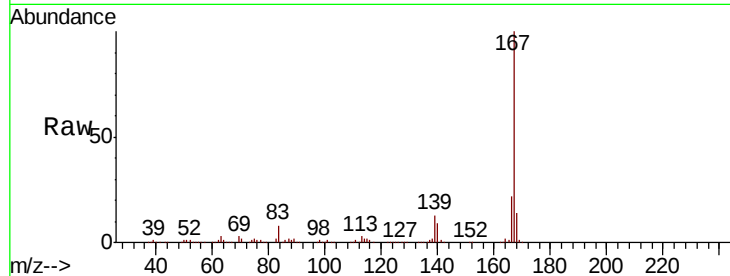




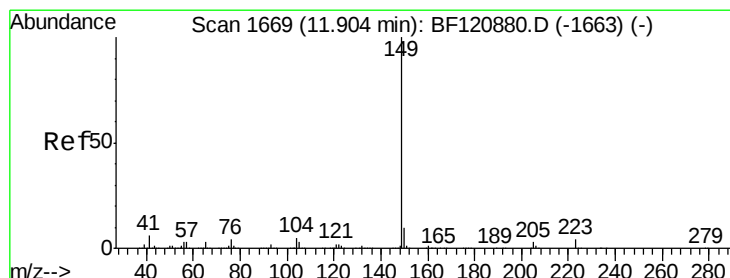
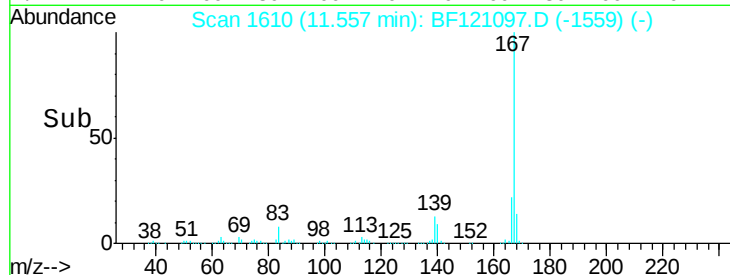
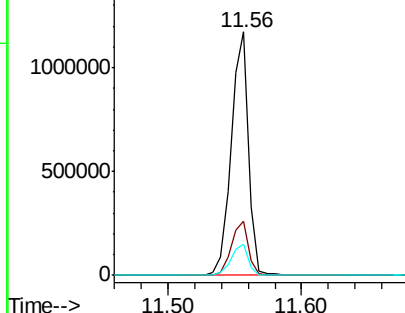
#73
 Carbazole
 Concen: 36.166 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB130537BS

Tot Ion:167 Resp: 1069795
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 12.6 10.5 15.7

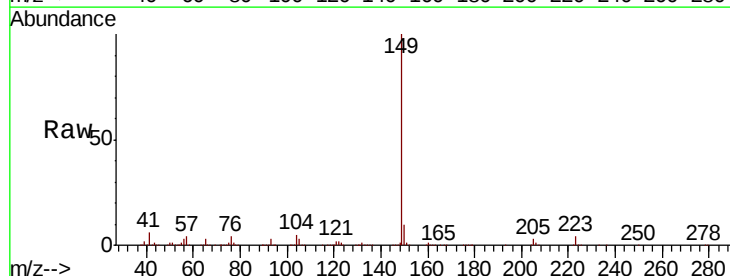


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

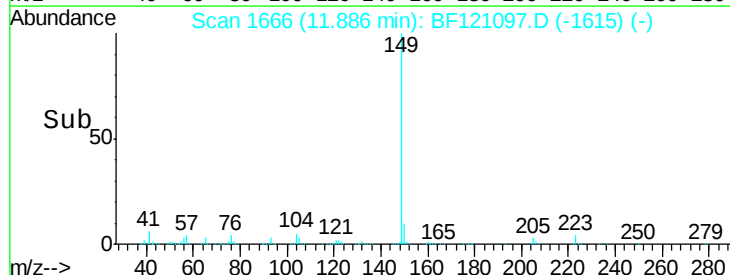
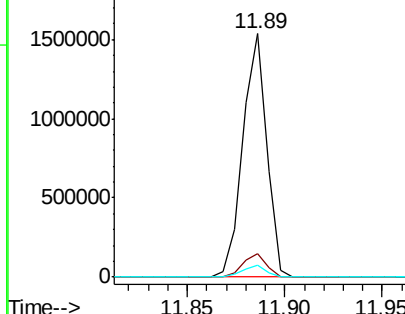


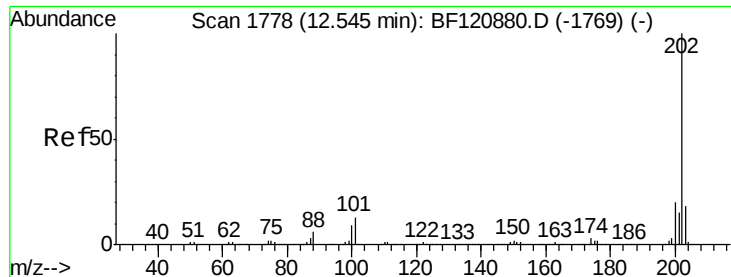
#74
 Di-n-butylphthalate
 Concen: 38.172 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Tgt Ion:149 Resp: 1303021
 Ion Ratio Lower Upper
 149 100
 150 9.5 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: 37.502 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

ClientSampleId :

PB130537BS

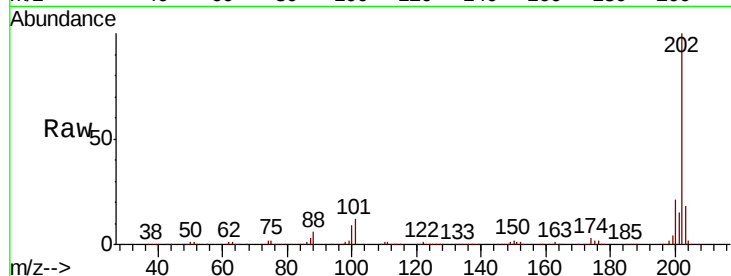
Tot Ion:202 Resp: 1233885

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	30.5
203	18.2	0.0	37.7

202 100

101 12.1 0.0 30.5

203 18.2 0.0 37.7

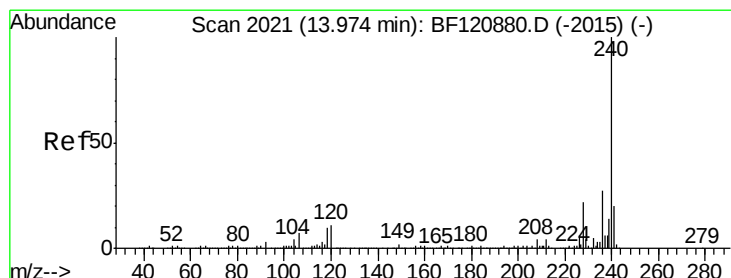
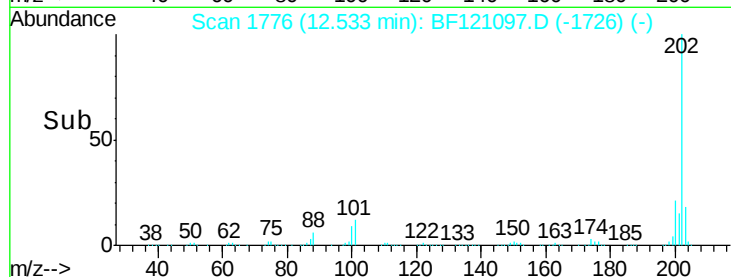
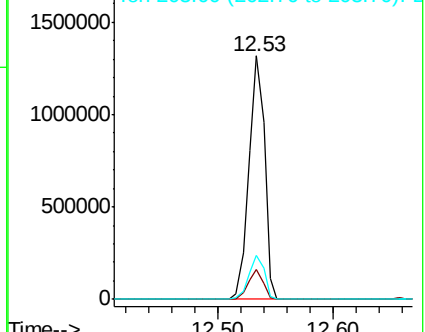


Abundance

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: BF121097.D

Acq: 29 Jul 2020 12:36

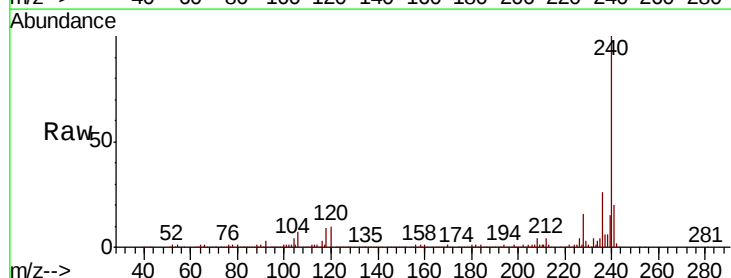
Tgt Ion:240 Resp: 440417

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.3	13.9
236	26.3	21.1	31.7

240 100

120 10.4 9.3 13.9

236 26.3 21.1 31.7

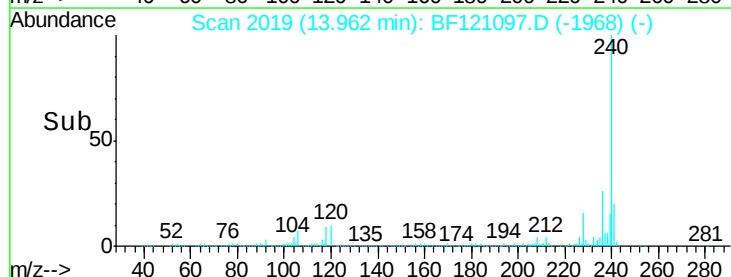
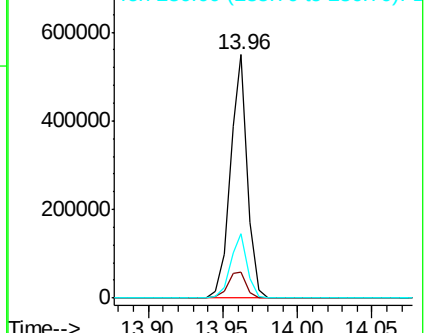


Abundance

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

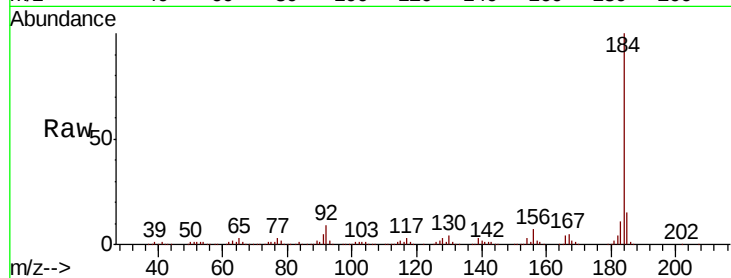




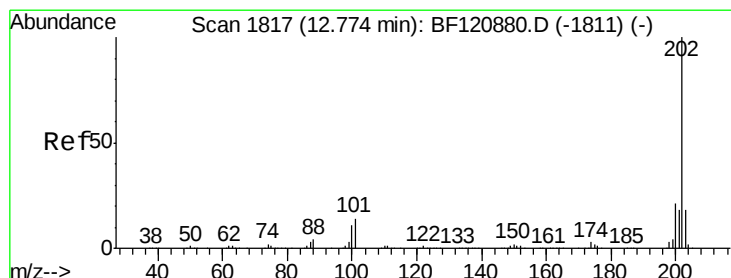
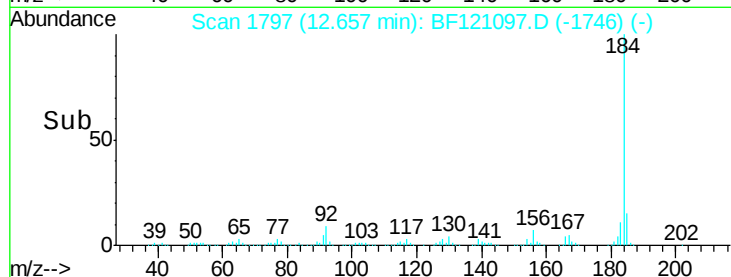
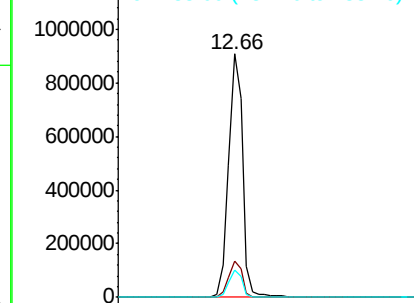
#77
Benzidine
Concen: 75.288 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion:184 Resp: 871785
Ion Ratio Lower Upper
184 100
185 15.0 12.1 18.1
183 11.0 9.0 13.4

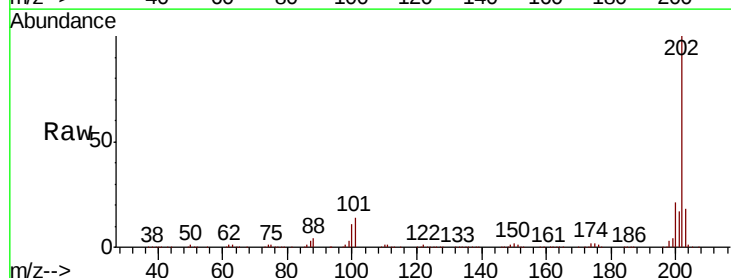


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

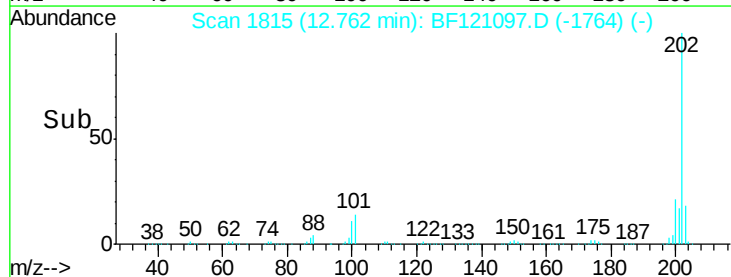
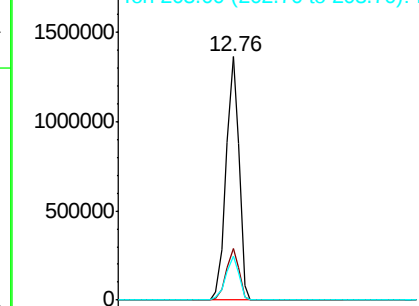


#78
Pyrene
Concen: 40.351 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion:202 Resp: 1256422
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.9 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: 79.089 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

ClientSampleId :

PB130537BS

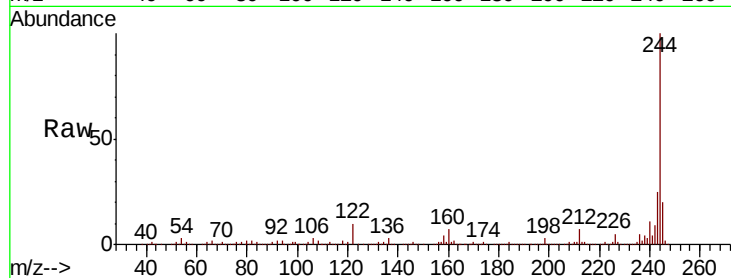
Tot Ion:244 Resp: 1602365

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

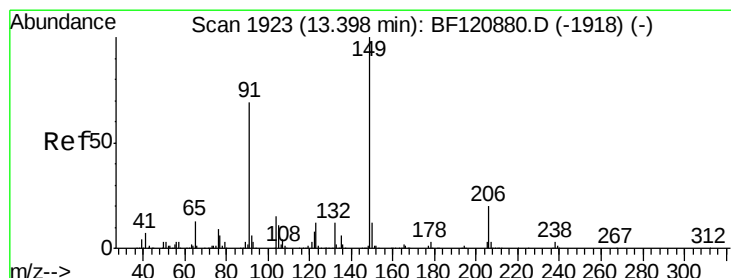
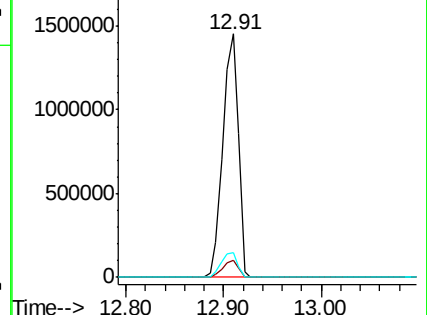
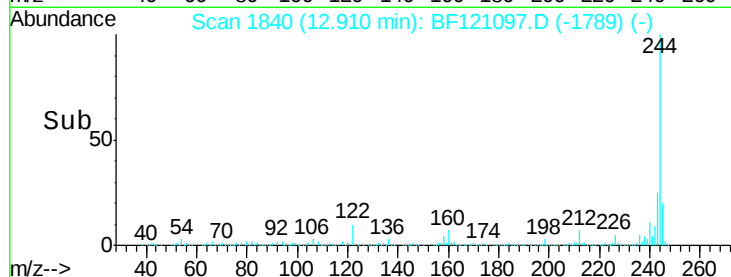
122 10.4 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.733 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

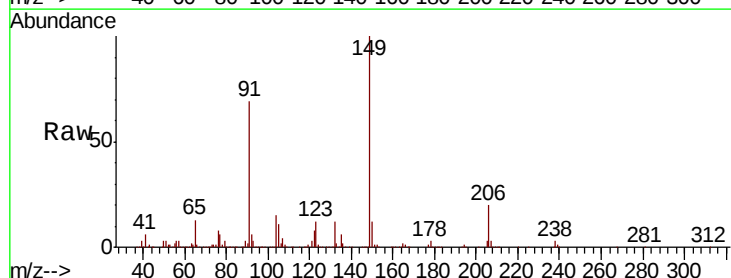
Tgt Ion:149 Resp: 565402

Ion Ratio Lower Upper

149 100

91 68.9 51.4 77.0

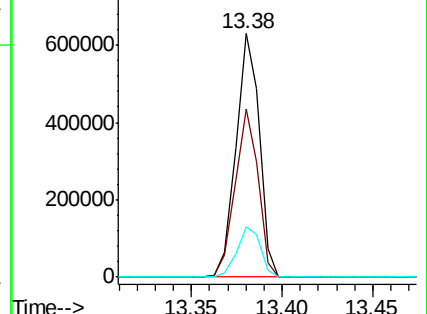
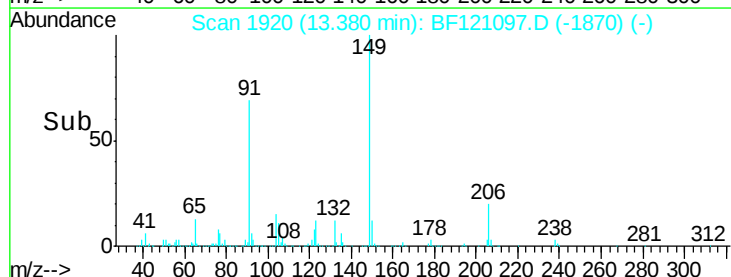
206 20.4 17.9 26.9

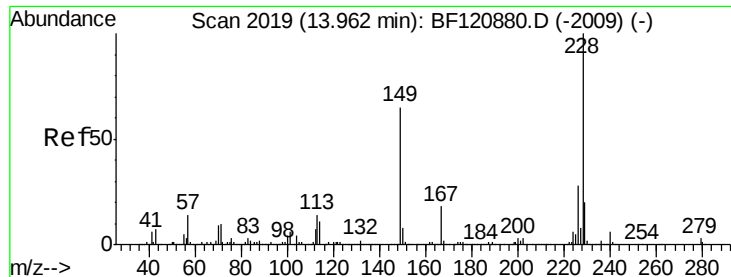


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.536 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

ClientSampleId :

PB130537BS

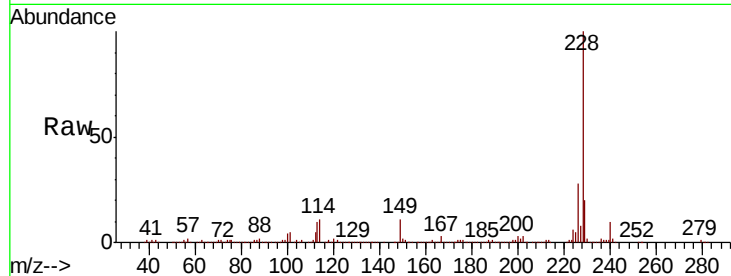
Tot Ion:228 Resp: 1027732

Ion Ratio Lower Upper

228 100

226 27.7 22.6 34.0

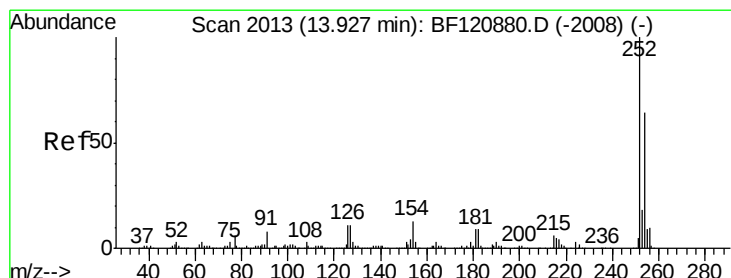
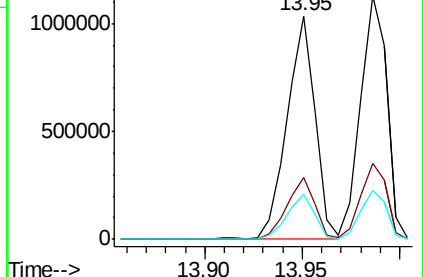
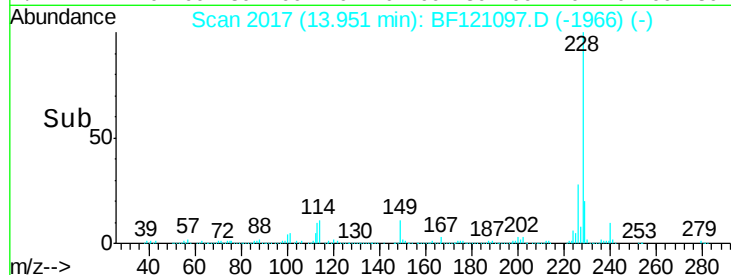
229 20.0 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.604 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

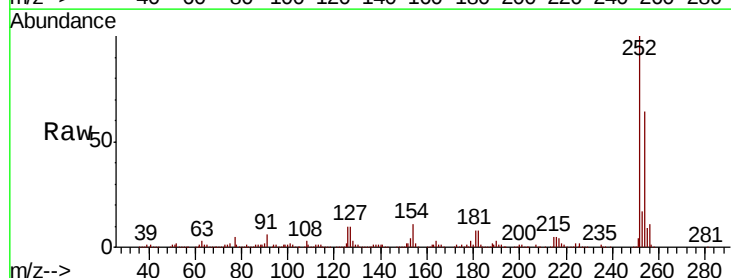
Tgt Ion:252 Resp: 378354

Ion Ratio Lower Upper

252 100

254 64.4 51.3 76.9

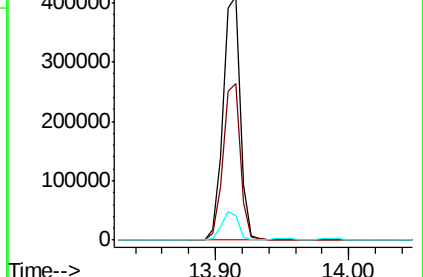
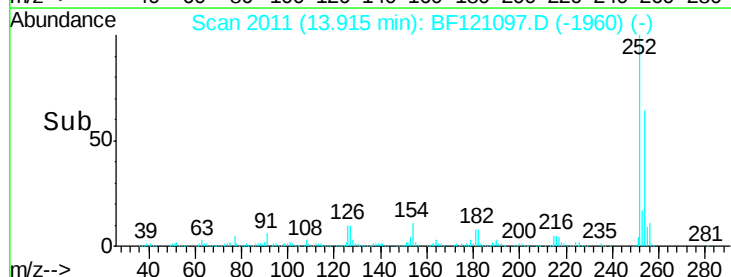
126 9.9 9.2 13.8

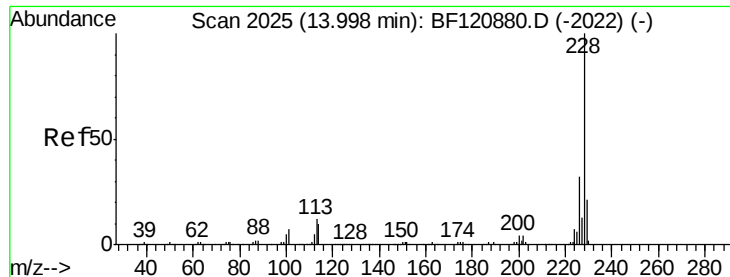


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.605 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

ClientSampleId :

PB130537BS

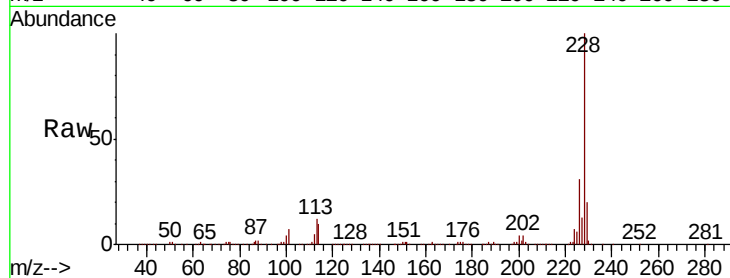
Tot Ion:228 Resp: 1053935

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

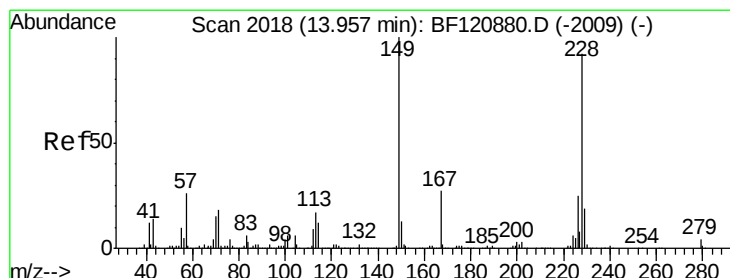
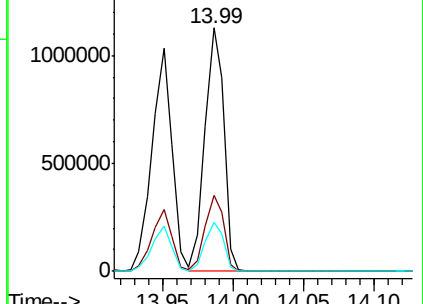
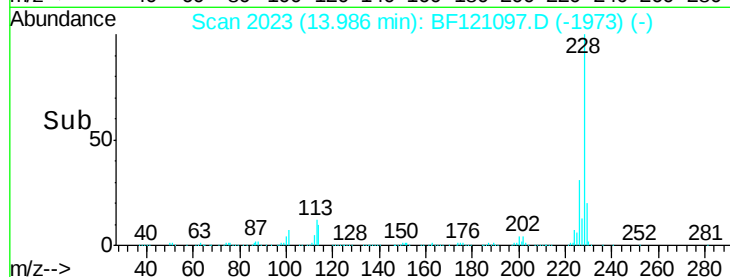
229 20.3 16.2 24.4



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: 42.414 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

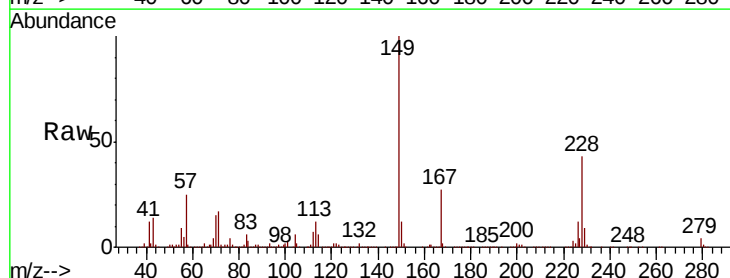
Tgt Ion:149 Resp: 725986

Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.6

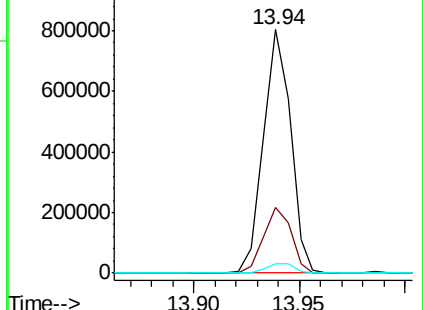
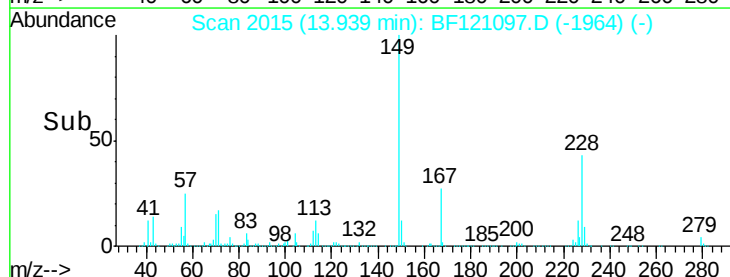
279 3.9 2.9 4.3



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: 39.285 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

ClientSampleId :

PB130537BS

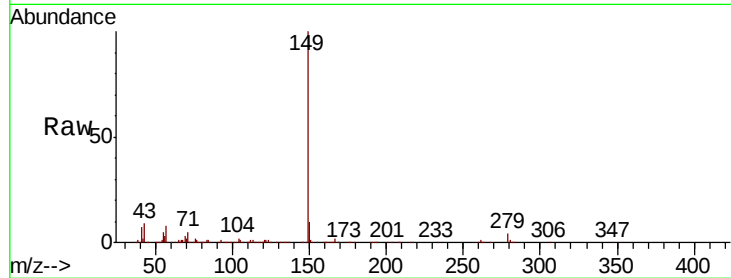
Tot Ion:149 Resp: 1337789

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

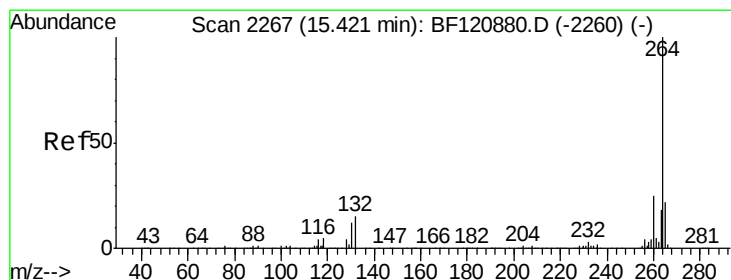
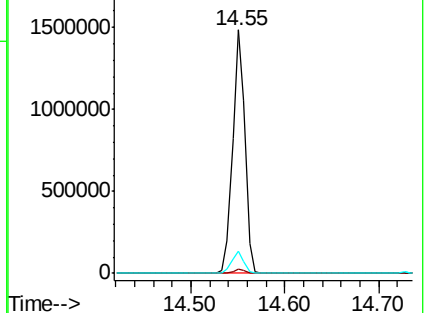
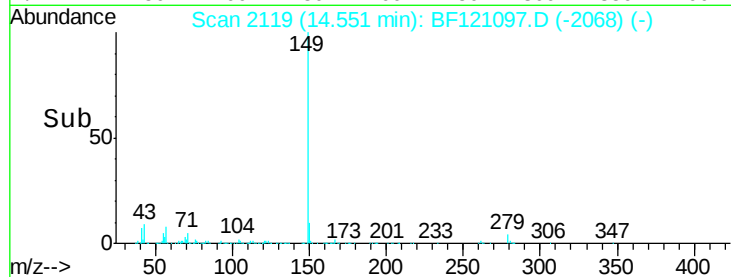
43 8.9 7.5 11.3



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: BF121097.D

Acq: 29 Jul 2020 12:36

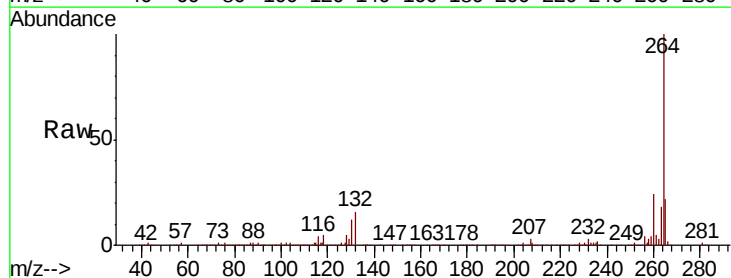
Tgt Ion:264 Resp: 444266

Ion Ratio Lower Upper

264 100

260 24.3 19.9 29.9

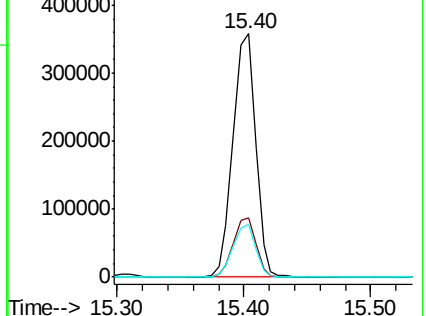
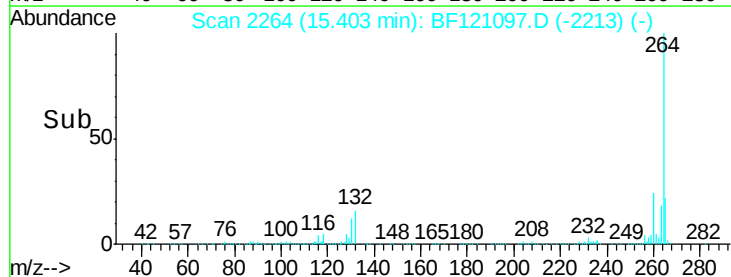
265 21.6 17.8 26.8

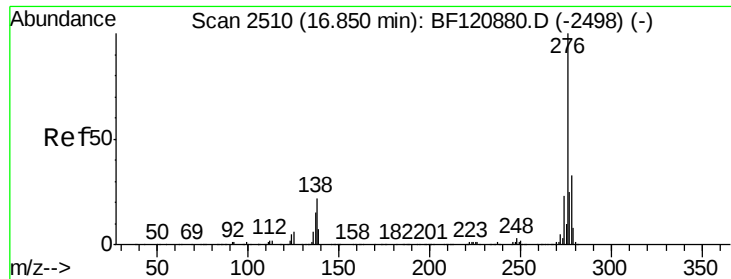


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

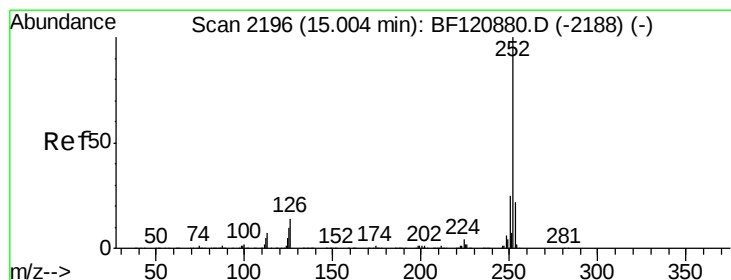
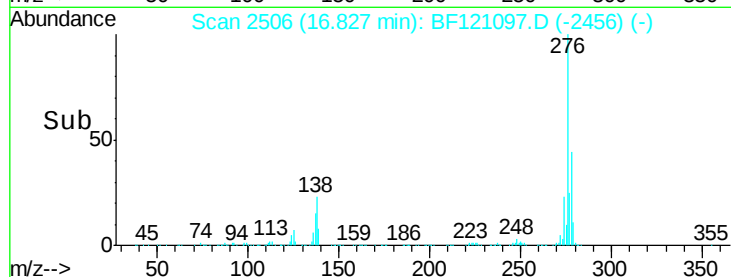
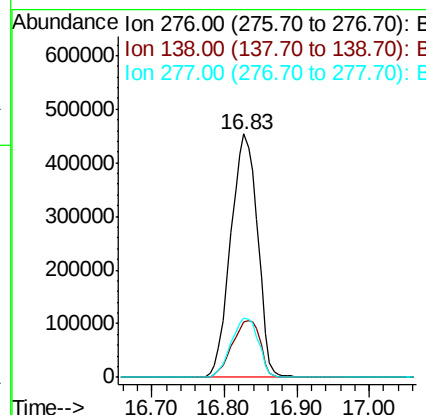
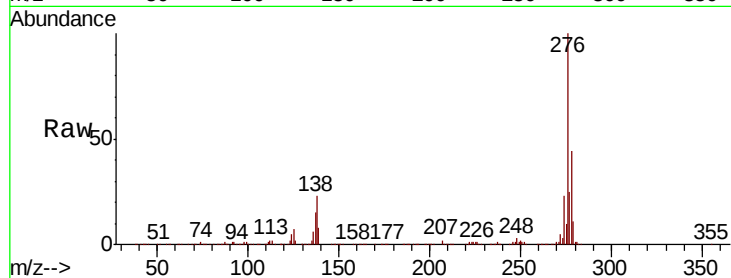




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.782 ng
 RT: 16.83 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

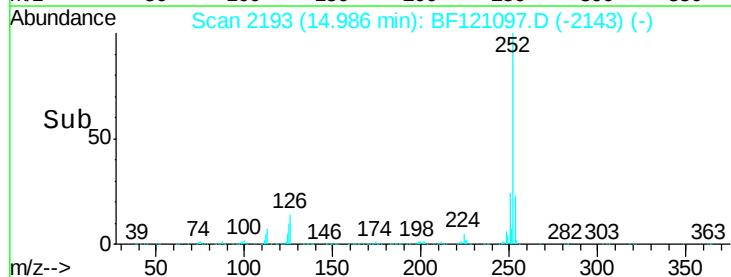
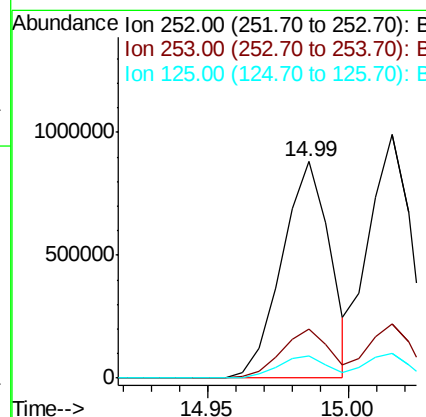
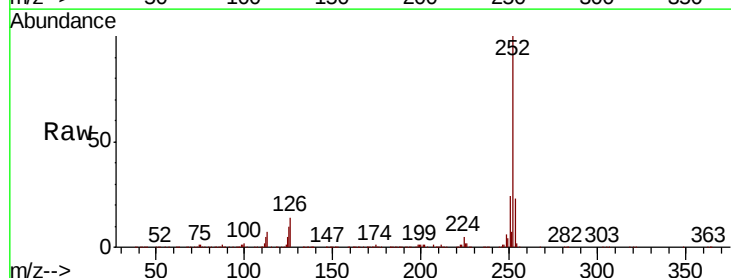
Instrument :
 BNA_F
 ClientSampleId :
 PB130537BS

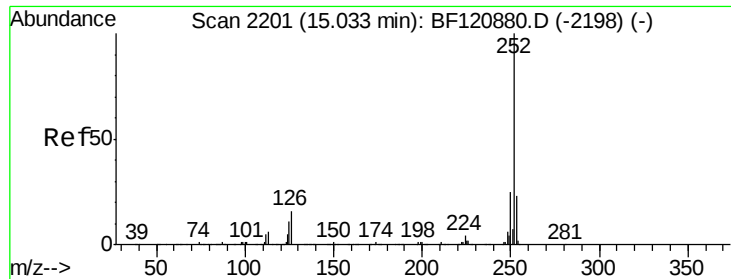
Tot Ion:276 Resp: 1167346
 Ion Ratio Lower Upper
 276 100
 138 24.5 19.3 28.9
 277 25.1 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 38.945 ng
 RT: 14.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Tgt Ion:252 Resp: 1045835
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.9 26.9
 125 10.4 8.1 12.1

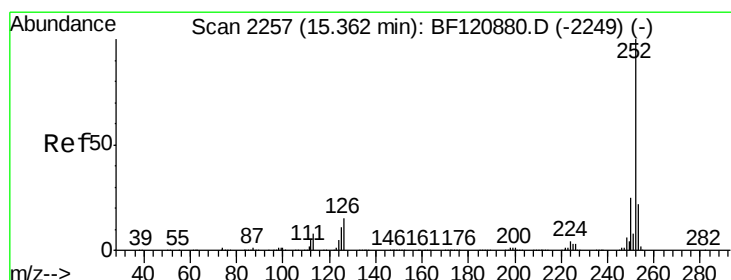
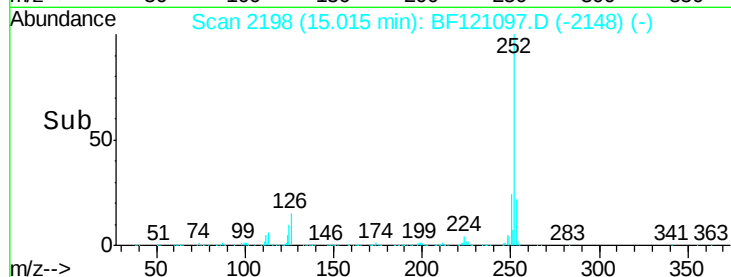
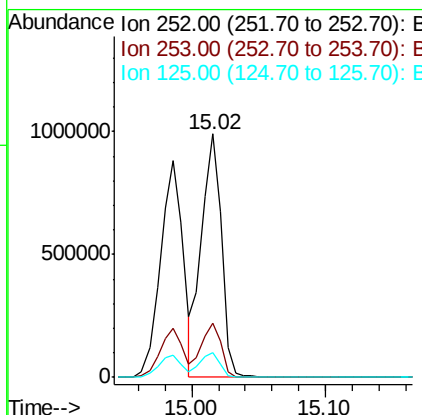
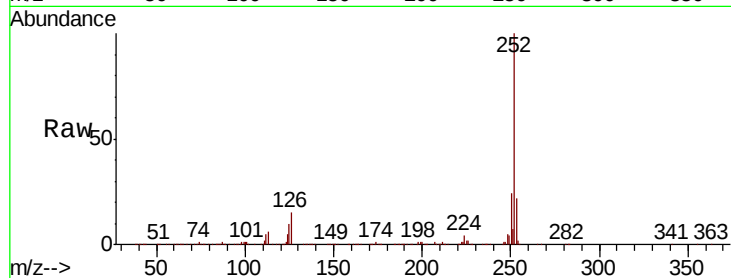




#89
Benzo(k)fluoranthene
Concen: 41.749 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

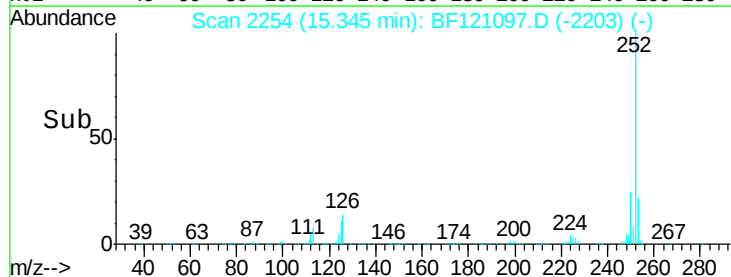
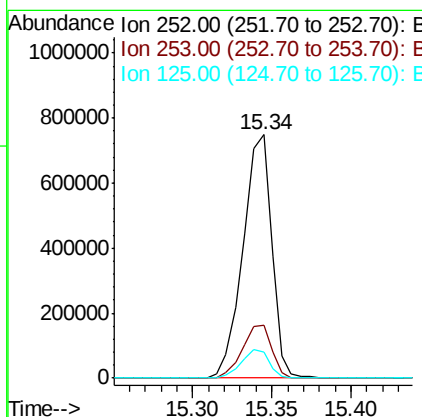
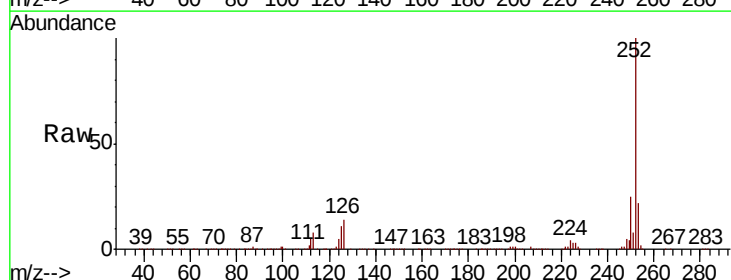
Instrument :
BNA_F
ClientSampleId :
PB130537BS

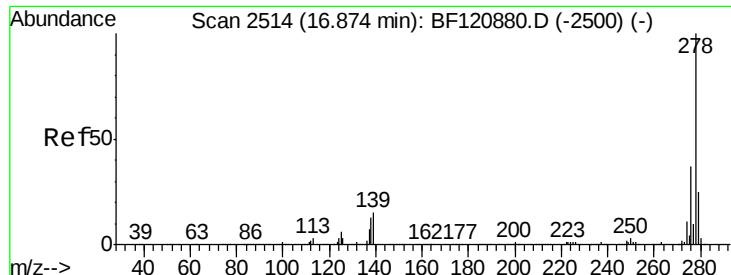
Tot Ion:252 Resp: 1022477
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 10.4 8.0 12.0



#90
Benzo(a)pyrene
Concen: 38.614 ng
RT: 15.34 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion:252 Resp: 946088
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 10.6 9.5 14.3

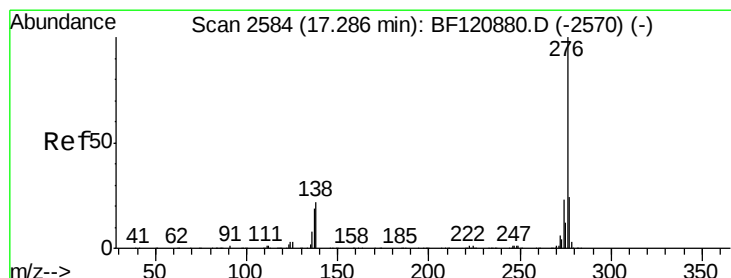
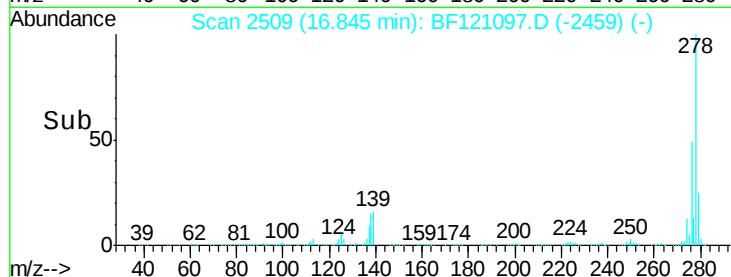
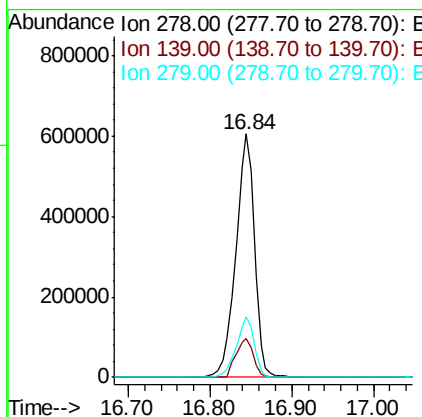
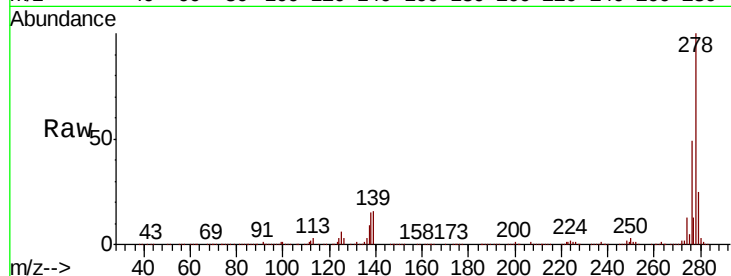




#91
Dibenzo(a,h)anthracene
Concen: 38.435 ng
RT: 16.84 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.6	18.8
279	24.6	19.5	29.3



#92
Benzo(g,h,i)perylene
Concen: 39.885 ng
RT: 17.26 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.4	29.0
138	22.2	17.2	25.8

