

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120162.D
 Acq On : 23 Apr 2020 14:43
 Operator : MA/SJ
 Sample : PB128439BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128439BS

Quant Time: Apr 23 15:15:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	137143	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	550784	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	291638	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	559832	20.00	ng	0.00
76) Chrysene-d12	13.83	240	404009	20.00	ng	0.00
87) Perylene-d12	15.23	264	370356	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1049944	132.31	ng	0.01
7) Phenol-d6	6.31	99	1342292	131.27	ng	0.00
23) Nitrobenzene-d5	7.23	82	839457	78.85	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	377106	105.61	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1676900	81.64	ng	0.00
79) Terphenyl-d14	12.77	244	1857602	77.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	139460	39.456	ng	98
3) Pyridine	3.02	79	374052	38.572	ng	94
4) n-Nitrosodimethylamine	2.98	42	218425	44.083	ng	100
6) Aniline	6.33	93	491129	36.594	ng	# 56
8) 2-Chlorophenol	6.45	128	425597	47.999	ng	97
9) Benzaldehyde	6.21	77	167684	26.157	ng	97
10) Phenol	6.32	94	538802	46.445	ng	# 70
11) bis(2-Chloroethyl)ether	6.40	93	402153	44.897	ng	99
12) 1,3-Dichlorobenzene	6.60	146	430430	44.341	ng	98
13) 1,4-Dichlorobenzene	6.68	146	432437	43.732	ng	99
14) 1,2-Dichlorobenzene	6.83	146	410679	45.065	ng	100
15) Benzyl Alcohol	6.82	79	349652	44.025	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	708576	40.653	ng	95
17) 2-Methylphenol	6.93	107	349186	44.129	ng	95
18) Hexachloroethane	7.17	117	168089	45.484	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	298727	45.430	ng	99
20) 3+4-Methylphenols	7.09	107	446452	46.132	ng	93
22) Acetophenone	7.08	105	589343	45.694	ng	# 92
24) Nitrobenzene	7.25	77	451272	42.135	ng	99
25) Isophorone	7.49	82	851847	41.506	ng	98
26) 2-Nitrophenol	7.57	139	236581	44.215	ng	91
27) 2,4-Dimethylphenol	7.62	122	371081	45.983	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	528739	43.781	ng	99
29) 2,4-Dichlorophenol	7.81	162	363229	43.911	ng	98
30) 1,2,4-Trichlorobenzene	7.89	180	384295	41.002	ng	98
31) Naphthalene	7.97	128	1245834	42.992	ng	98
32) Benzoic acid	7.76	122	281393	39.703	ng	99
33) 4-Chloroaniline	8.02	127	258644	20.502	ng	99
34) Hexachlorobutadiene	8.09	225	222426	39.644	ng	99
35) Caprolactam	8.40	113	56289	22.246	ng	95
36) 4-Chloro-3-methylphenol	8.52	107	399531	44.612	ng	97
37) 2-Methylnaphthalene	8.66	142	851646	43.349	ng	99
38) 1-Methylnaphthalene	8.76	142	804451	43.442	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	376022	40.822	ng	100

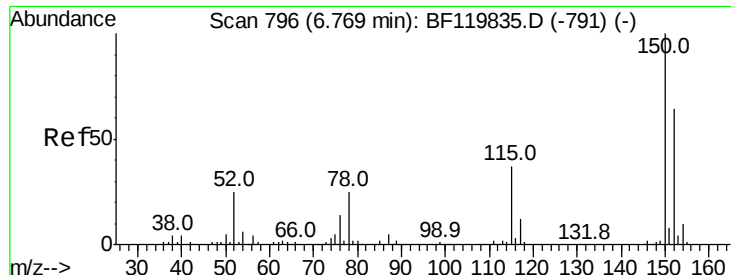
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	406428	77.595	ng	99
43) 2,4,6-Trichlorophenol	8.95	196	265026	41.666	ng	99
44) 2,4,5-Trichlorophenol	8.99	196	279150	38.965	ng	94
46) 1,1'-Biphenyl	9.13	154	1046245	42.503	ng	99
47) 2-Chloronaphthalene	9.15	162	806979	42.556	ng	100
48) 2-Nitroaniline	9.25	65	283611	41.271	ng	99
49) Acenaphthylene	9.57	152	1257714	43.612	ng	97
50) Dimethylphthalate	9.44	163	942925	41.800	ng	100
51) 2,6-Dinitrotoluene	9.50	165	211483	42.812	ng	94
52) Acenaphthene	9.74	154	753992	39.194	ng	99
53) 3-Nitroaniline	9.66	138	148503	26.322	ng	94
54) 2,4-Dinitrophenol	9.78	184	242154	81.879	ng	96
55) Dibenzofuran	9.91	168	1135968	43.031	ng	98
56) 4-Nitrophenol	9.85	139	322762	76.890	ng	95
57) 2,4-Dinitrotoluene	9.90	165	276623	42.504	ng	95
58) Fluorene	10.26	166	893895	42.340	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	239067	43.632	ng	99
60) Diethylphthalate	10.14	149	972532	41.597	ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	435111	40.211	ng	97
62) 4-Nitroaniline	10.29	138	229709	42.724	ng	98
63) Azobenzene	10.41	77	925582	44.175	ng	98
65) 4,6-Dinitro-2-methylphenol	10.32	198	162807	44.142	ng	96
66) n-Nitrosodiphenylamine	10.37	169	817224	43.893	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	271680	39.023	ng	98
68) Hexachlorobenzene	10.80	284	288627	40.866	ng	99
69) Atrazine	10.90	200	250098	48.279	ng	99
70) Pentachlorophenol	11.00	266	284698	69.948	ng	99
71) Phenanthrene	11.22	178	1291675	43.352	ng	99
72) Anthracene	11.26	178	1361332	44.726	ng	98
73) Carbazole	11.42	167	1211916	42.104	ng	99
74) Di-n-butylphthalate	11.76	149	1563631	41.323	ng	100
75) Fluoranthene	12.40	202	1414497	43.999	ng	99
77) Benzidine	12.53	184	790127	57.857	ng	99
78) Pyrene	12.63	202	1411866	41.454	ng	98
80) Butylbenzylphthalate	13.26	149	658355	39.836	ng	96
81) Benzo(a)anthracene	13.82	228	1140471	42.910	ng	99
82) 3,3'-Dichlorobenzidine	13.78	252	246233	24.829	ng	99
83) Chrysene	13.86	228	1165948	43.174	ng	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	880475	39.342	ng	99
85) Di-n-octyl phthalate	14.43	149	1573787	41.300	ng	98
86) Indeno(1,2,3-cd)pyrene	16.58	276	1002487	42.112	ng	100
88) Benzo(b)fluoranthene	14.83	252	1179086	44.256	ng	98
89) Benzo(k)fluoranthene	14.86	252	947244	41.207	ng	98
90) Benzo(a)pyrene	15.17	252	964074	43.037	ng	98
91) Dibenzo(a,h)anthracene	16.60	278	830890	41.874	ng	99
92) Benzo(g,h,i)perylene	16.99	276	798064	40.745	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF120162.D

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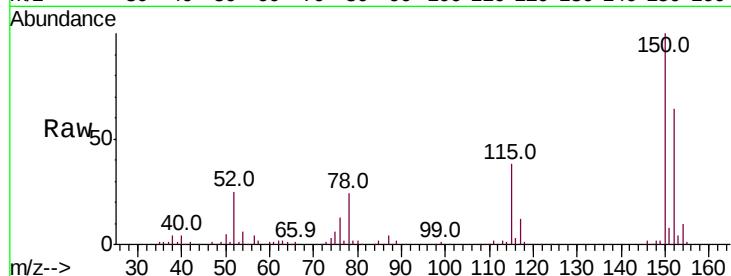
Tot Ion:152 Resp: 137143

Ion Ratio Lower Upper

152 100

150 155.9 124.5 186.7

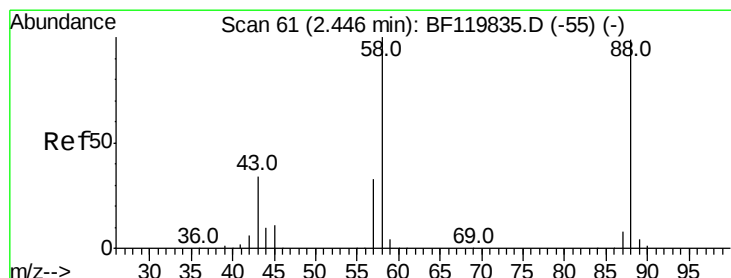
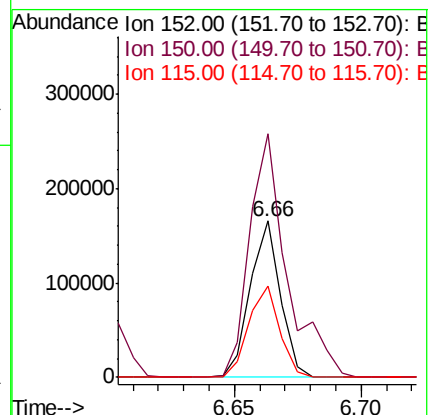
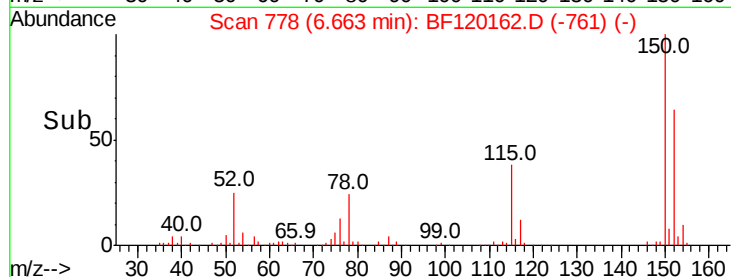
115 58.8 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.456 ng

RT: 2.35 min Scan# 44

Delta R.T. 0.08 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

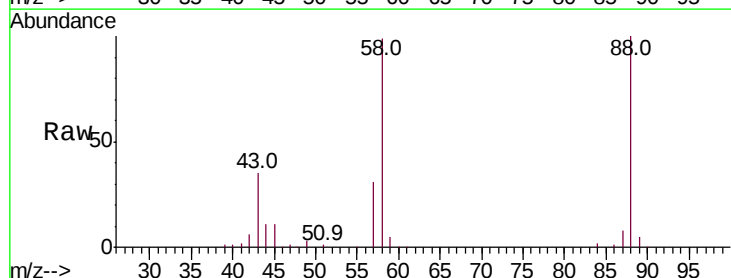
Tgt Ion: 88 Resp: 139460

Ion Ratio Lower Upper

88 100

58 98.9 80.6 121.0

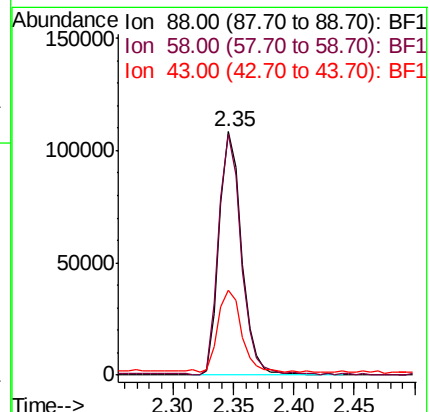
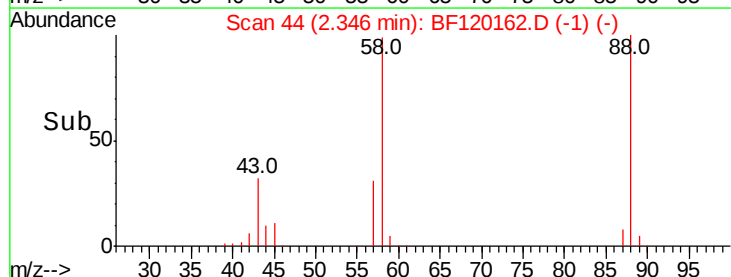
43 34.7 27.5 41.3

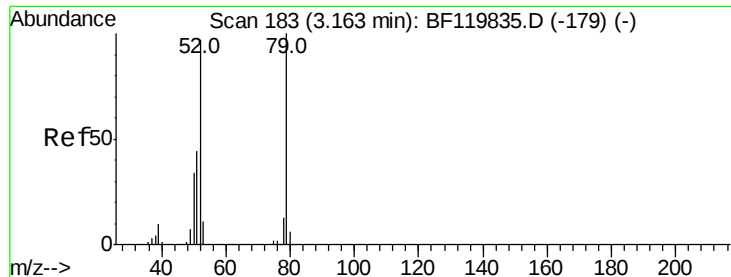


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

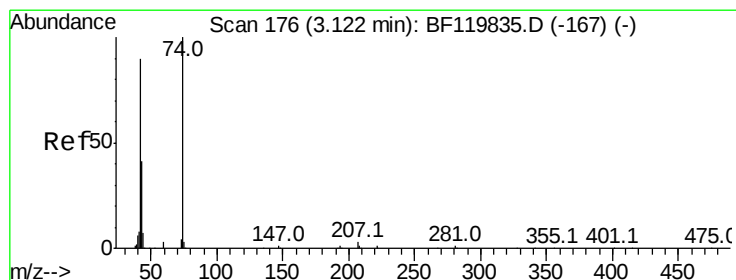
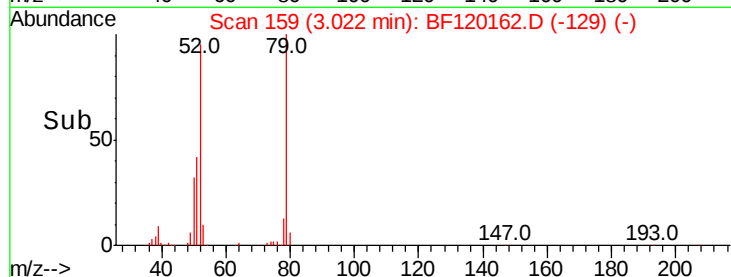
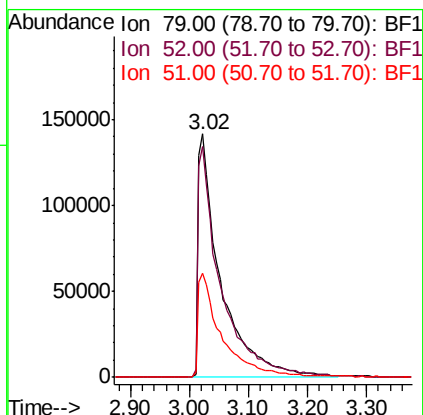
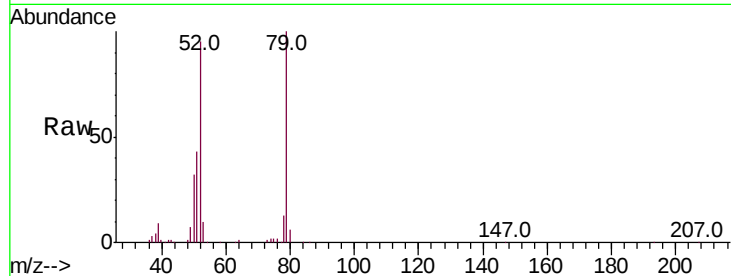




#3
 Pvridine
 Concen: 38.572 ng
 RT: 3.02 min Scan# 159
 Delta R.T. 0.08 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

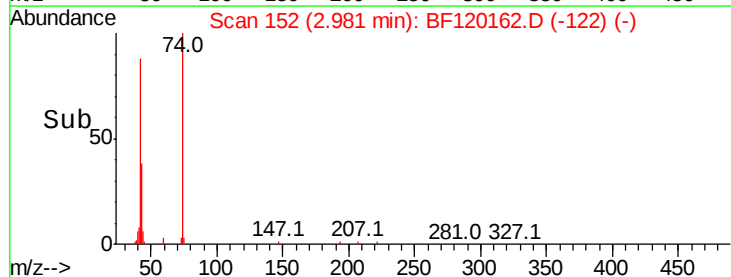
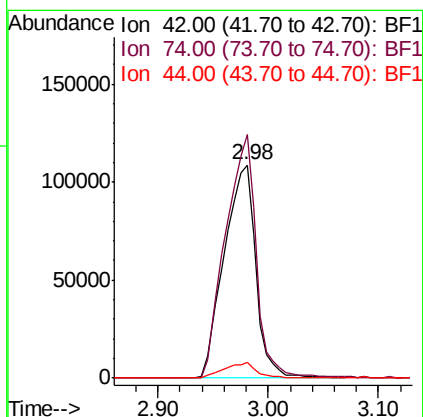
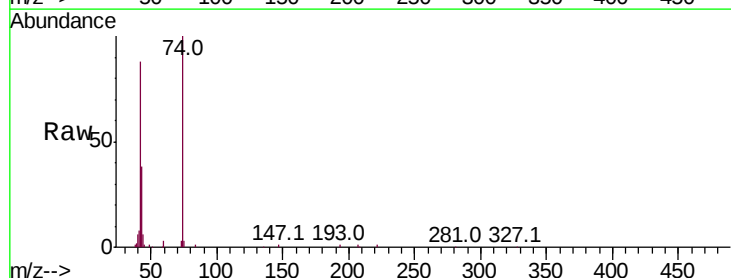
Instrument :
 BNA_F
 ClientSampleId :
 PB128439BS

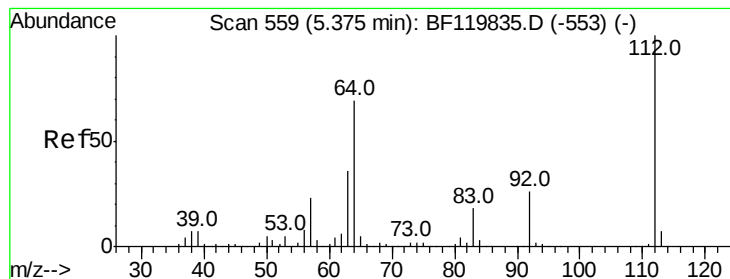
Tot Ion: 79 Resp: 374052
 Ion Ratio Lower Upper
 79 100
 52 94.8 80.2 120.2
 51 42.8 37.7 56.5



#4
 n-Nitrosodimethylamine
 Concen: 44.083 ng
 RT: 2.98 min Scan# 152
 Delta R.T. 0.08 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Tgt Ion: 42 Resp: 218425
 Ion Ratio Lower Upper
 42 100
 74 114.3 91.5 137.3
 44 7.2 6.2 9.4





#5

2-Fluorophenol

Concen: 132.307 ng

RT: 5.27 min Scan# 542

Delta R.T. 0.01 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

ClientSampleId :

PB128439BS

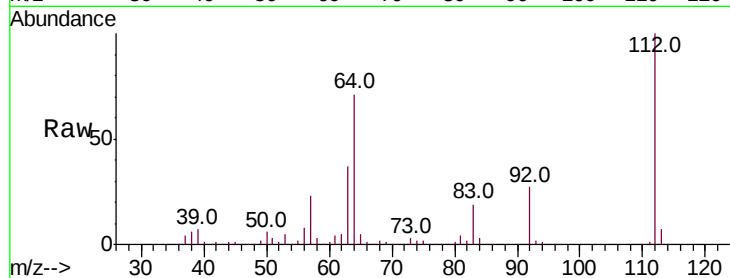
Tot Ion:112 Resp: 1049944

Ion Ratio Lower Upper

112 100

64 71.3 56.7 85.1

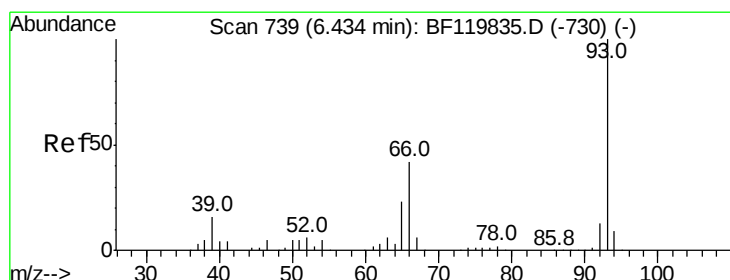
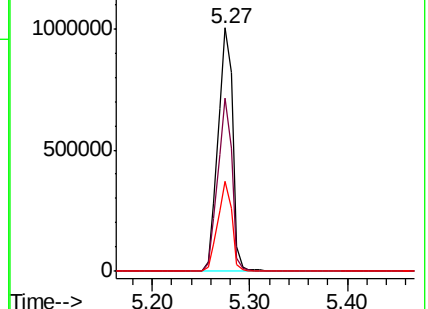
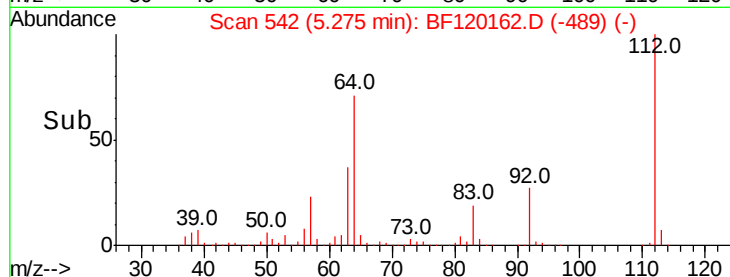
63 36.9 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.594 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

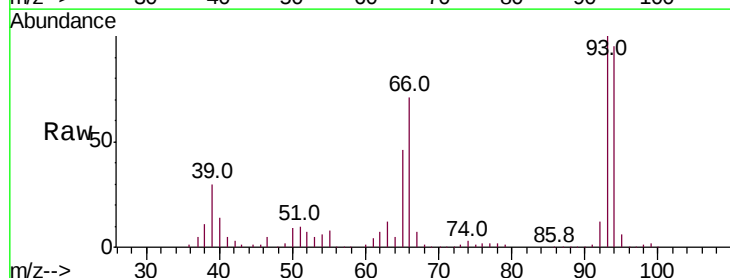
Tgt Ion: 93 Resp: 491129

Ion Ratio Lower Upper

93 100

66 71.0 34.9 52.3#

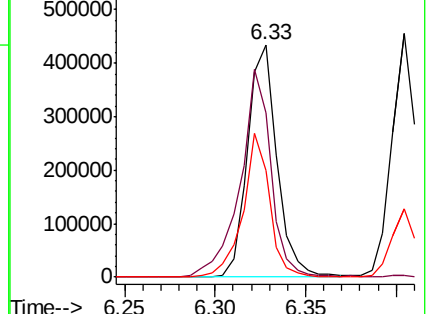
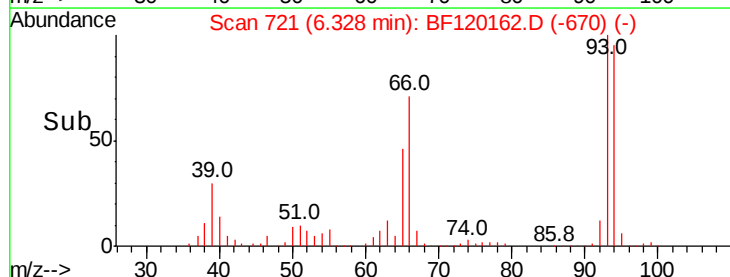
65 46.0 18.6 27.8#

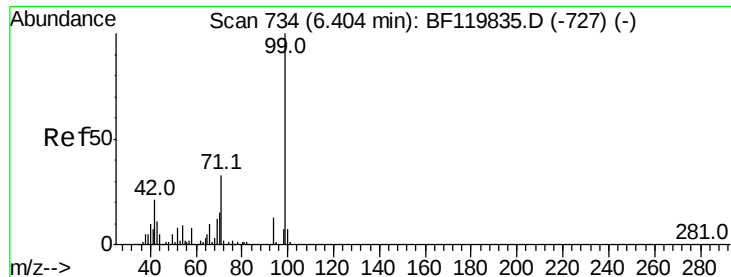


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 131.269 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

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BNA_F

ClientSampleId :

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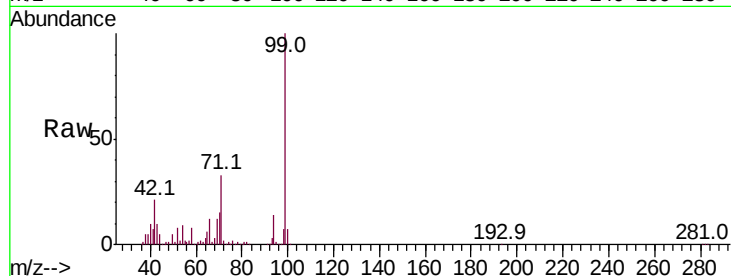
Tot Ion: 99 Resp: 1342292

Ion Ratio Lower Upper

99 100

42 20.8 16.6 24.8

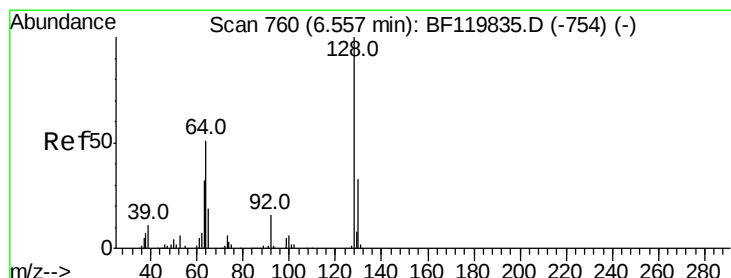
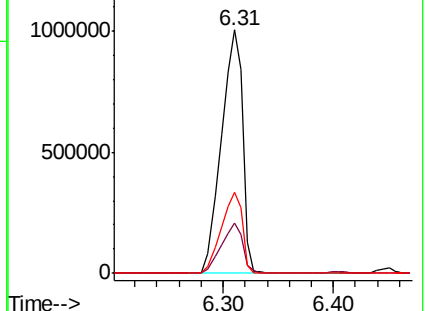
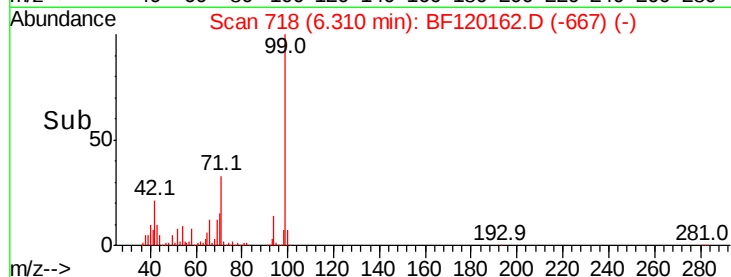
71 33.5 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.999 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

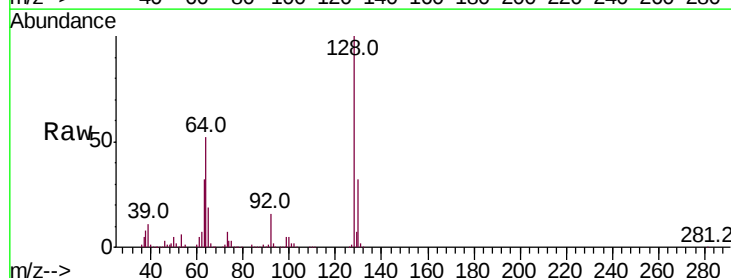
Tgt Ion: 128 Resp: 425597

Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

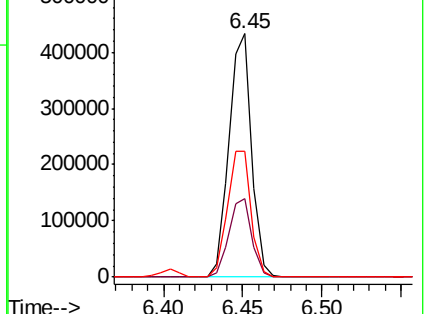
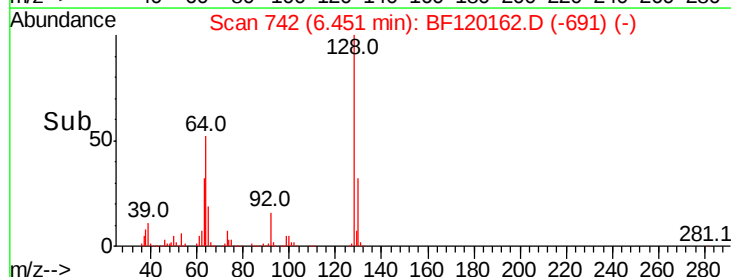
64 51.6 35.3 75.3

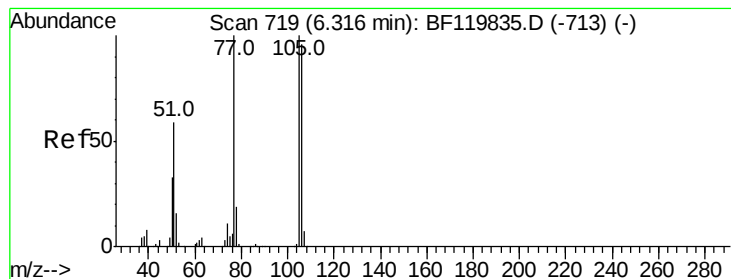


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.157 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

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ClientSampleId :

PB128439BS

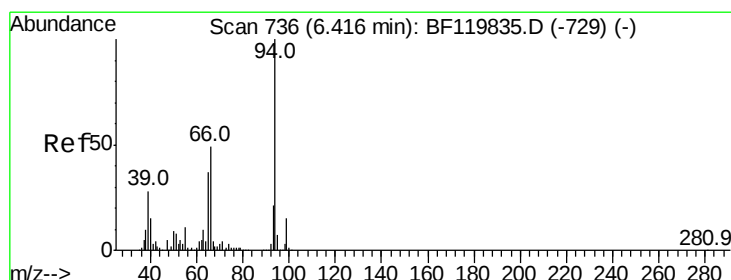
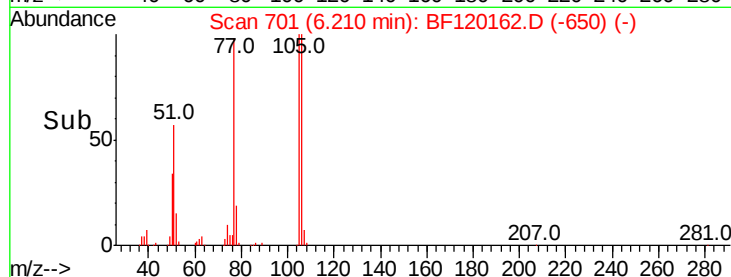
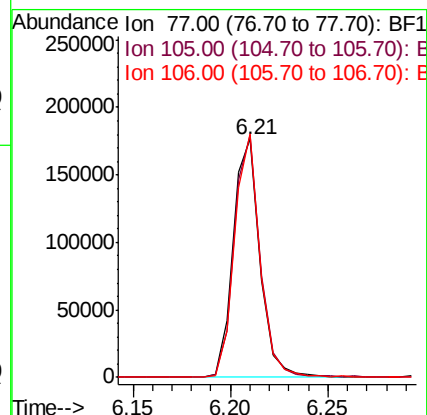
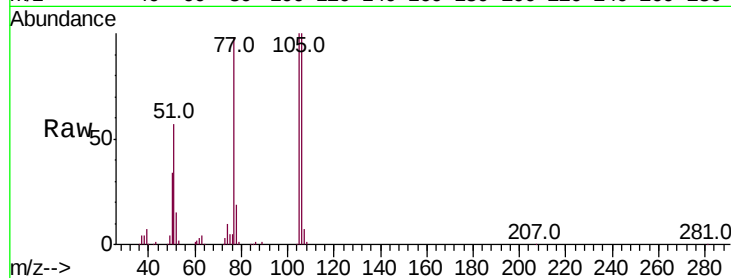
Tot Ion: 77 Resp: 167684

Ion Ratio Lower Upper

77 100

105 102.0 80.9 120.9

106 102.2 77.9 117.9



#10

Phenol

Concen: 46.445 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

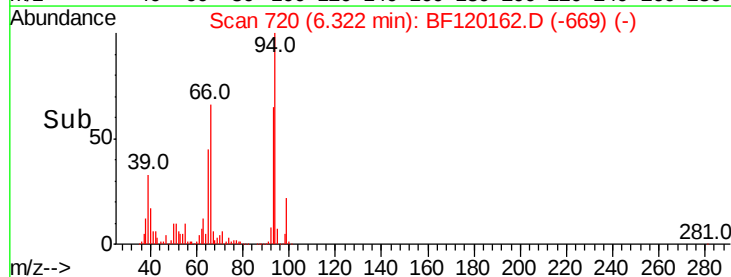
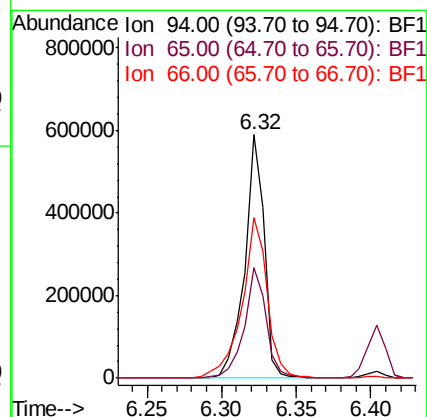
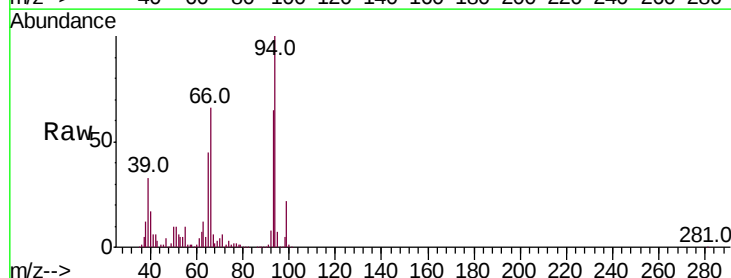
Tgt Ion: 94 Resp: 538802

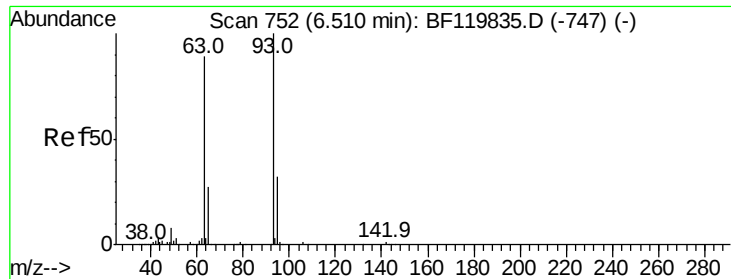
Ion Ratio Lower Upper

94 100

65 45.4 13.2 53.2

66 66.0 22.3 62.3#

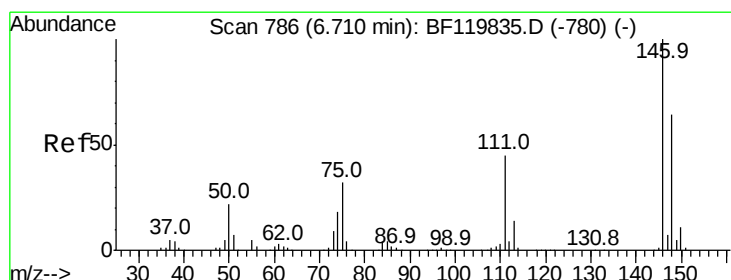
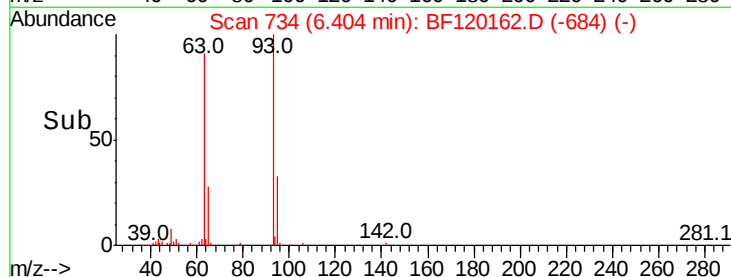
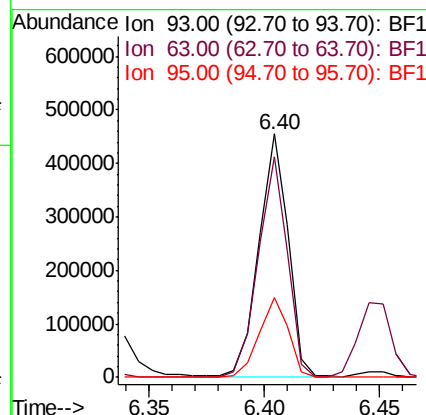
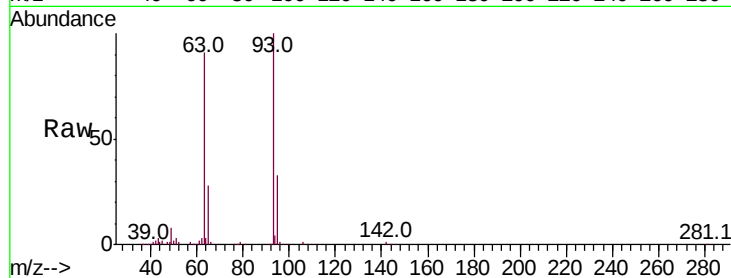




#11
bis(2-Chloroethyl)ether
Concen: 44.897 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

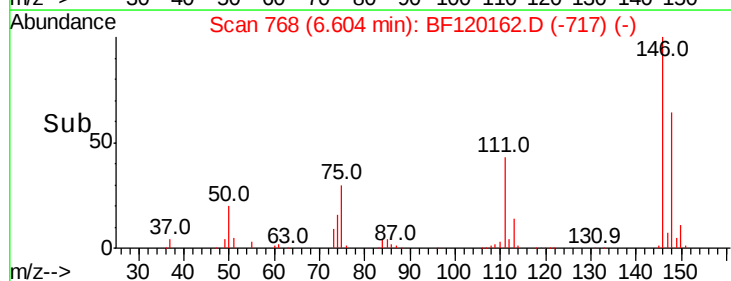
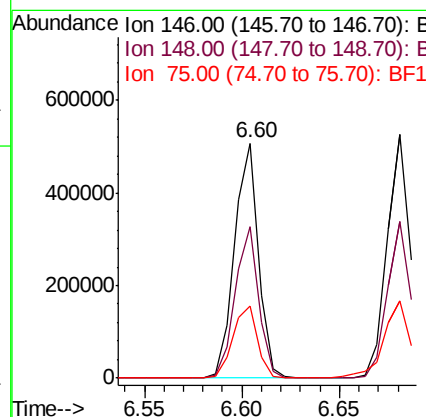
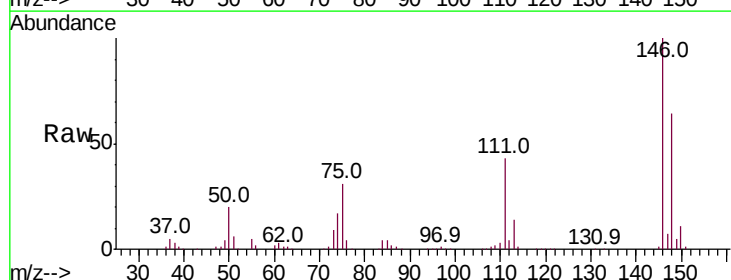
Instrument :
BNA_F
ClientSampleId :
PB128439BS

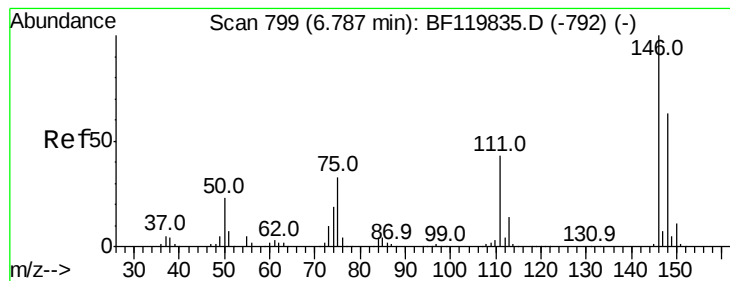
Tot Ion: 93 Resp: 402153
Ion Ratio Lower Upper
93 100
63 90.7 70.2 110.2
95 32.6 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 44.341 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion: 146 Resp: 430430
Ion Ratio Lower Upper
146 100
148 64.5 52.2 78.4
75 30.5 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 43.732 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

ClientSampleId :

PB128439BS

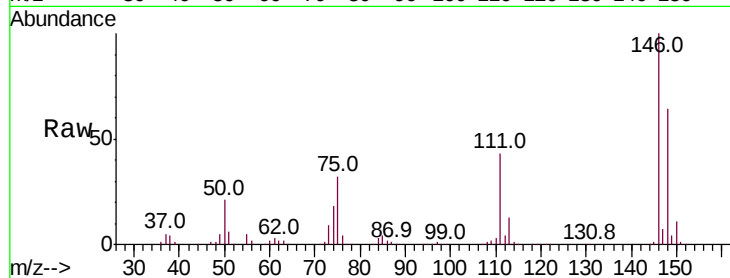
Tot Ion:146 Resp: 432437

Ion Ratio Lower Upper

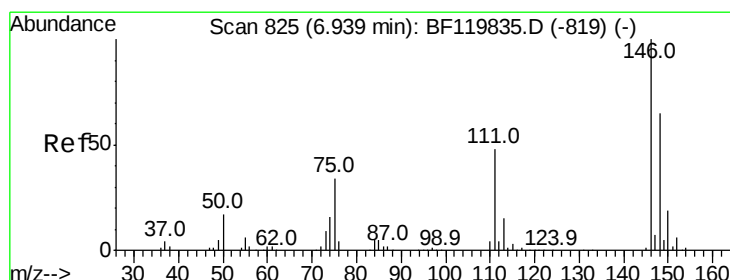
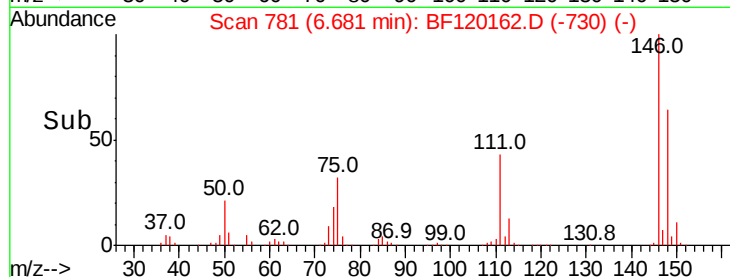
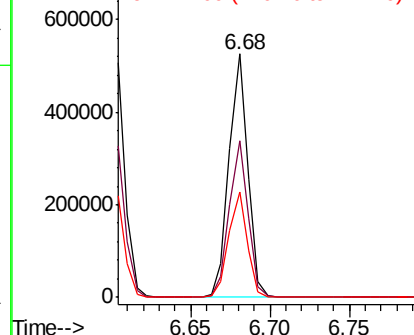
146 100

148 64.3 51.5 77.3

111 43.2 33.3 49.9



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: 45.065 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

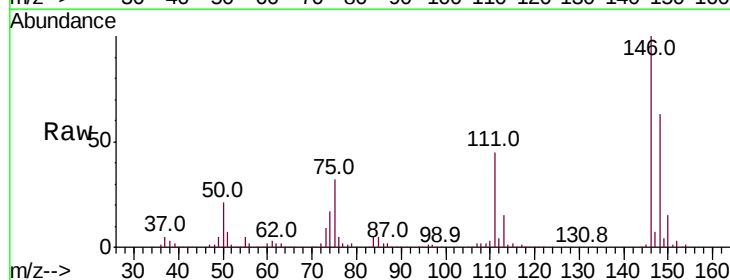
Tgt Ion:146 Resp: 410679

Ion Ratio Lower Upper

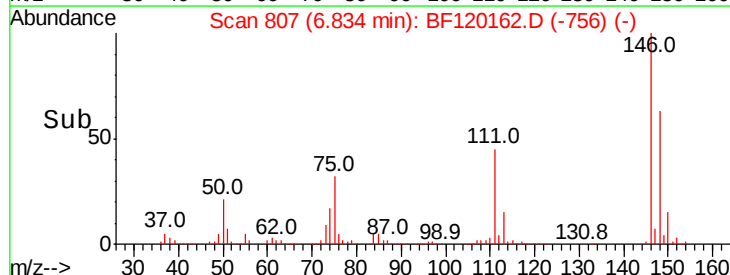
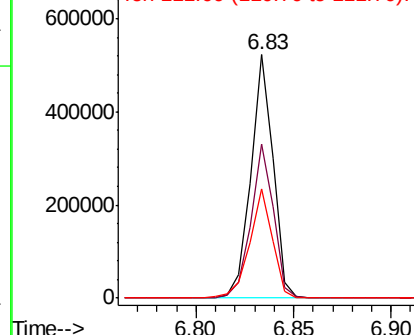
146 100

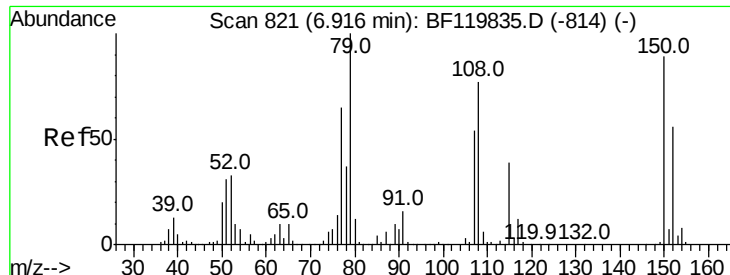
148 63.0 50.6 75.8

111 44.8 36.1 54.1



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: 44.025 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

ClientSampleID :

PB128439BS

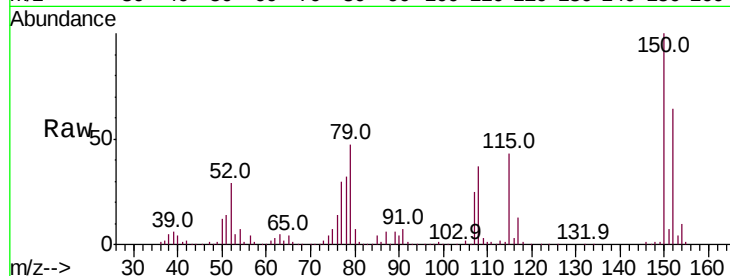
Tot Ion: 79 Resp: 349652

Ion Ratio Lower Upper

79 100

108 78.4 60.6 90.8

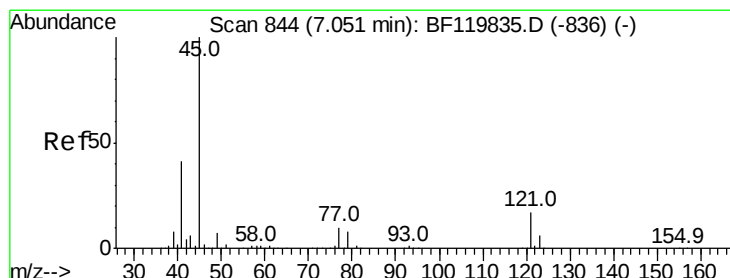
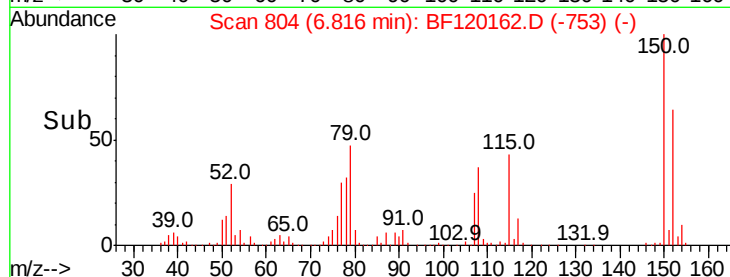
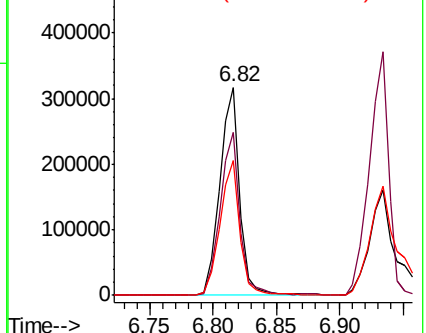
77 64.5 50.2 75.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.653 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

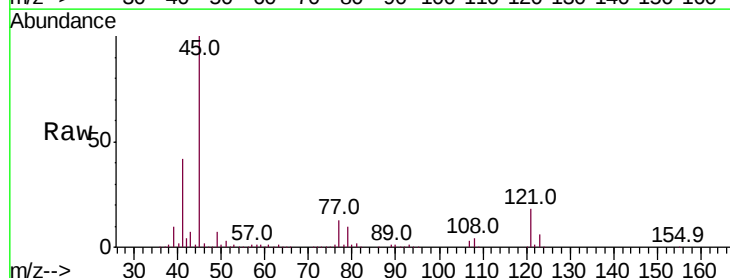
Tgt Ion: 45 Resp: 708576

Ion Ratio Lower Upper

45 100

77 12.8 0.0 30.7

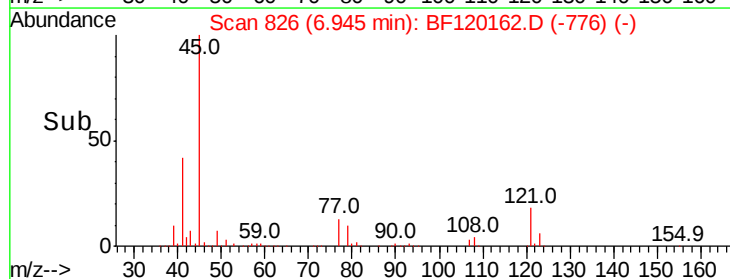
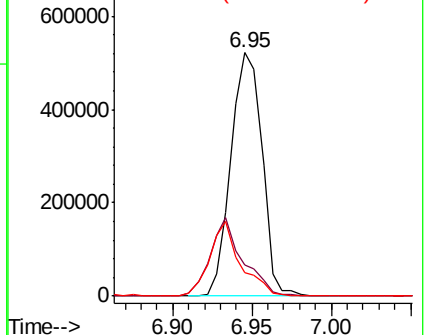
79 9.8 0.0 28.2

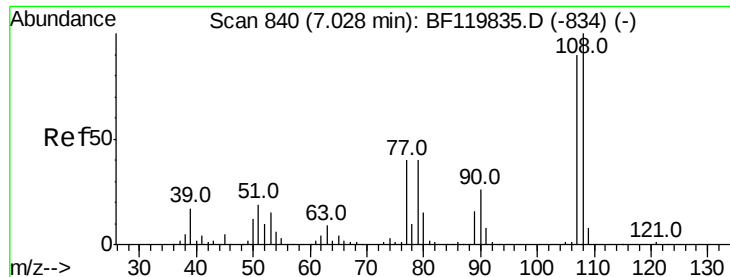


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

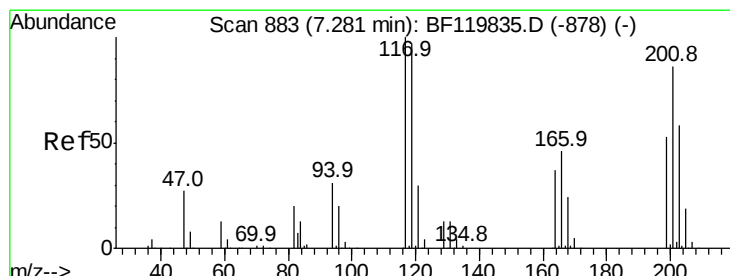
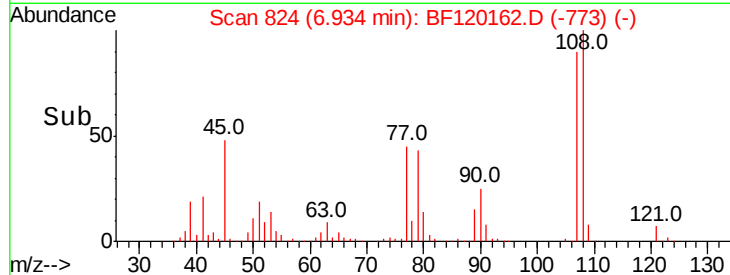
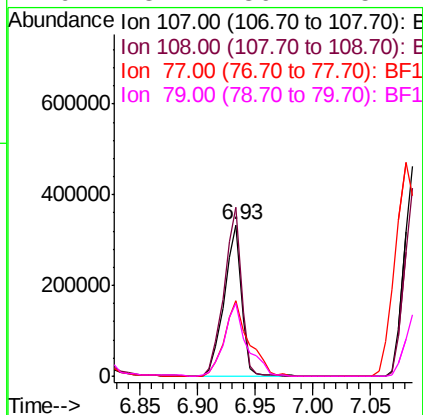
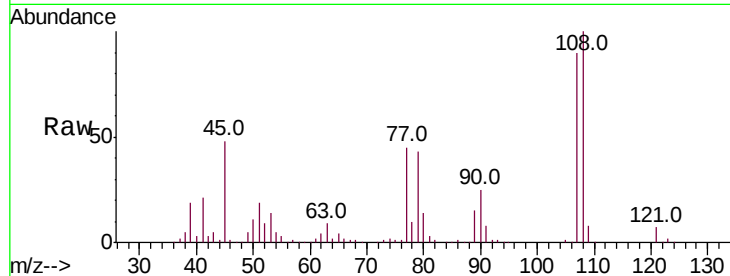




#17
2-Methylphenol
Concen: 44.129 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

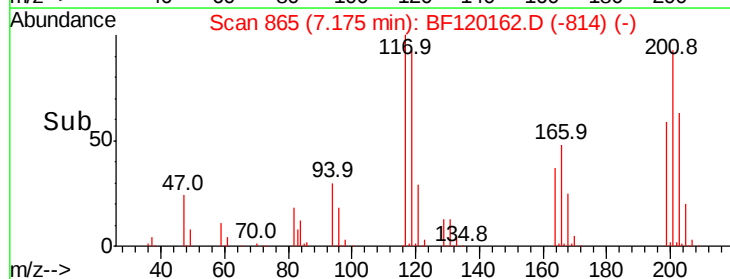
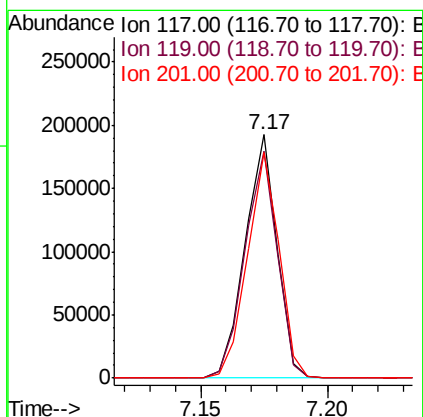
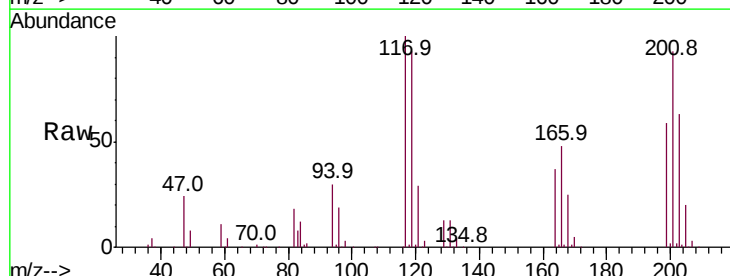
Instrument :
BNA_F
ClientSampleId :
PB128439BS

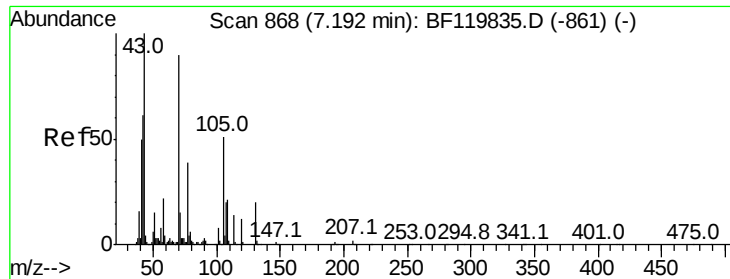
Tot Ion:	107	Resp:	349186
Ion	Ratio	Lower	Upper
107	100		
108	111.4	92.2	138.4
77	50.2	36.6	54.8
79	48.4	36.2	54.4



#18
Hexachloroethane
Concen: 45.484 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion:	117	Resp:	168089
Ion	Ratio	Lower	Upper
117	100		
119	93.3	76.1	114.1
201	92.6	73.0	109.6

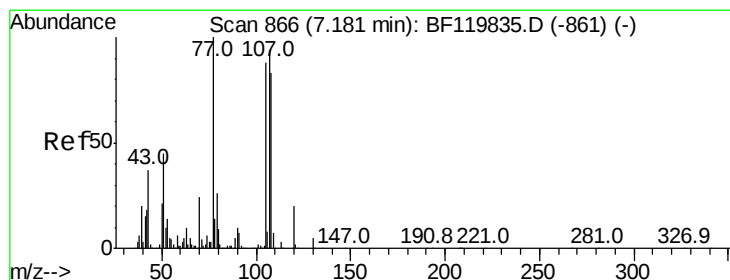
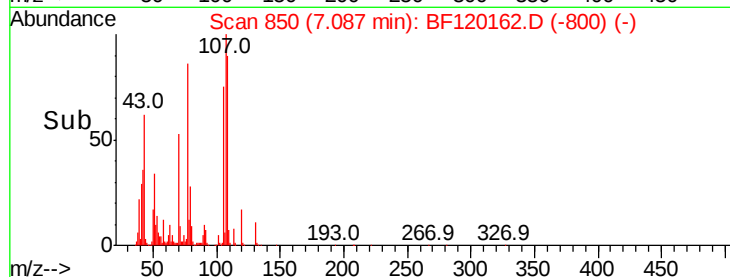
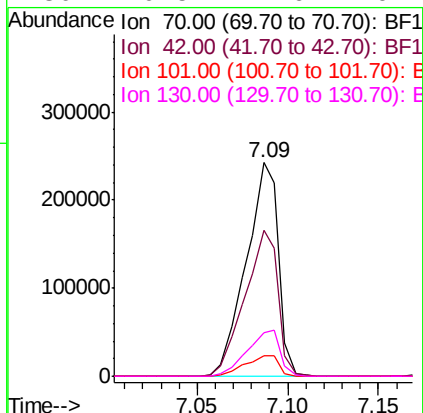
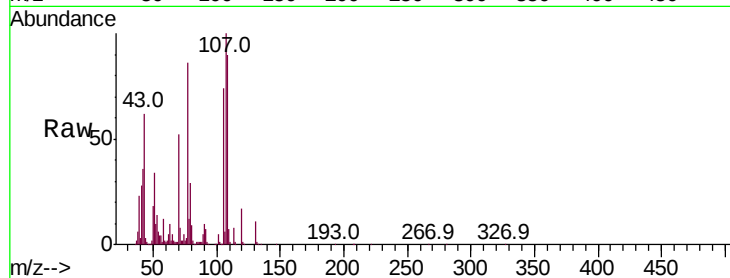




#19
n-Nitroso-di-n-propylamine
Concen: 45.430 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

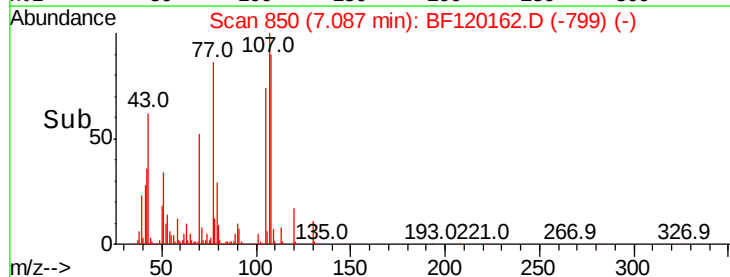
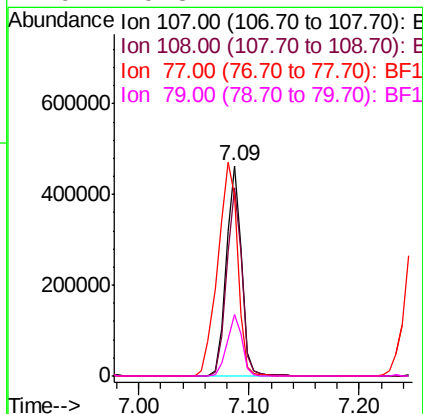
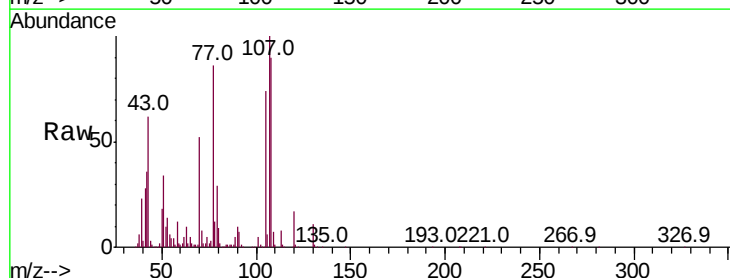
Instrument :
BNA_F
ClientSampleId :
PB128439BS

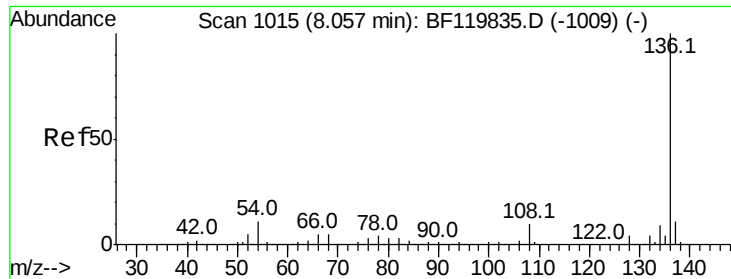
Tot Ion:	70	Resp:	298727
Ion	Ratio	Lower	Upper
70	100		
42	68.4	54.5	81.7
101	9.6	7.6	11.4
130	20.5	17.6	26.4



#20
3+4-Methylphenols
Concen: 46.132 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion:	107	Resp:	446452
Ion	Ratio	Lower	Upper
107	100		
108	89.8	67.9	107.9
77	85.9	52.9	92.9
79	29.3	7.7	47.7

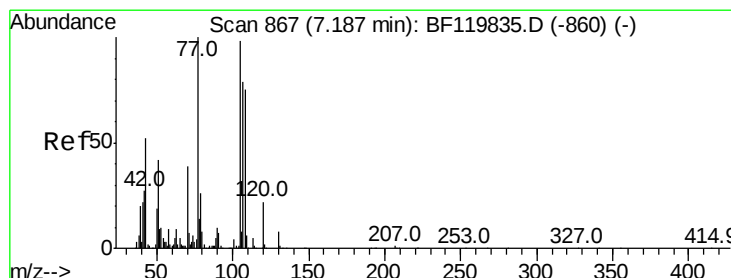
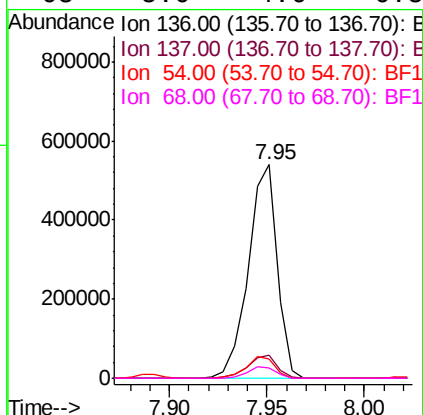
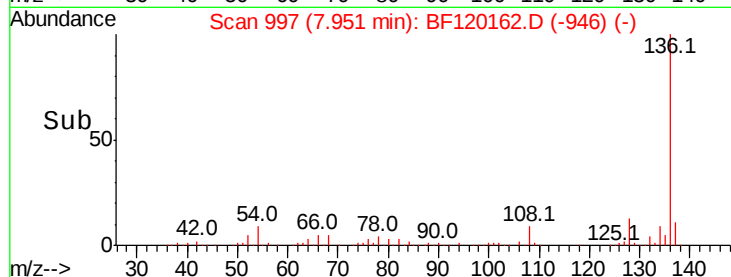
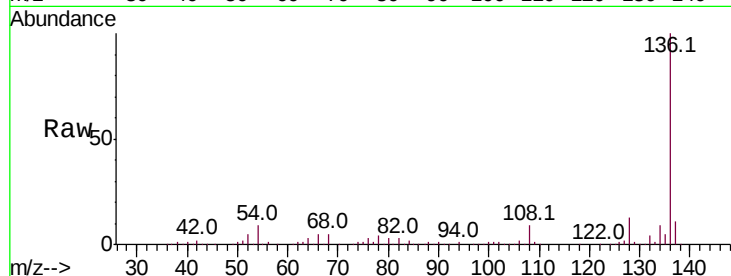




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

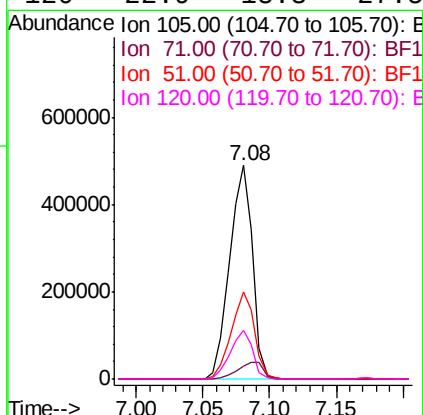
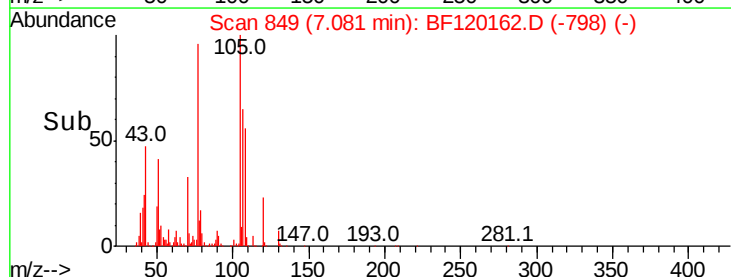
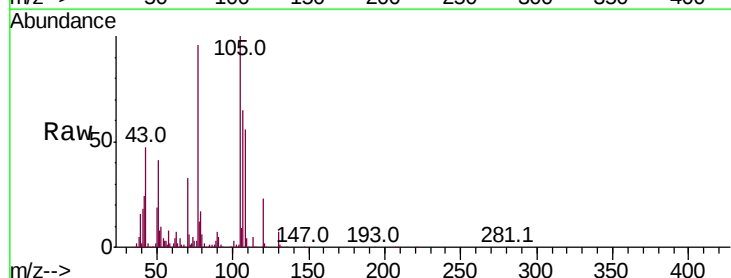
Instrument :
BNA_F
ClientSampleId :
PB128439BS

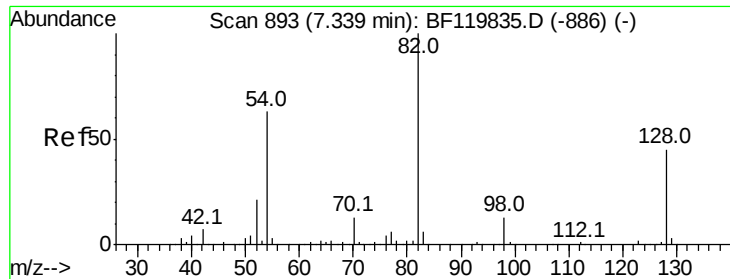
Tot Ion:	136	Resp:	550784
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	9.1	9.1	13.7
68	5.0	4.6	6.8



#22
Acetophenone
Concen: 45.694 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion:	105	Resp:	589343
Ion	Ratio	Lower	Upper
105	100		
71	5.8	5.7	8.5
51	40.6	26.2	39.4
120	22.9	18.3	27.5

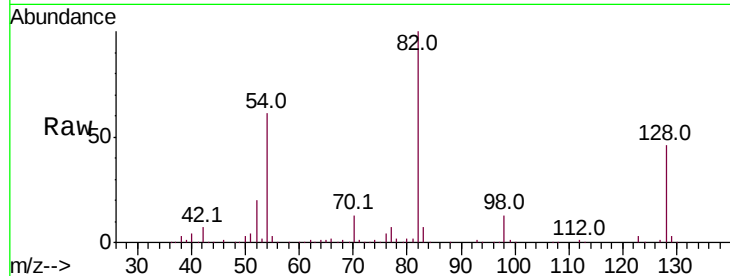




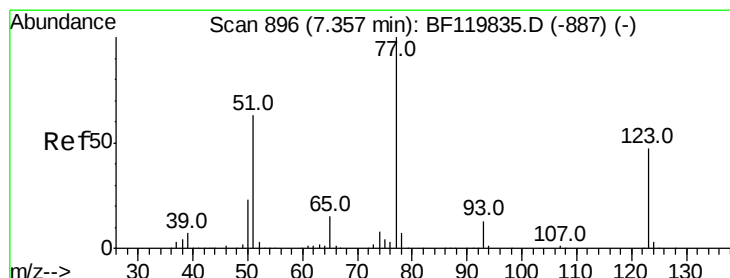
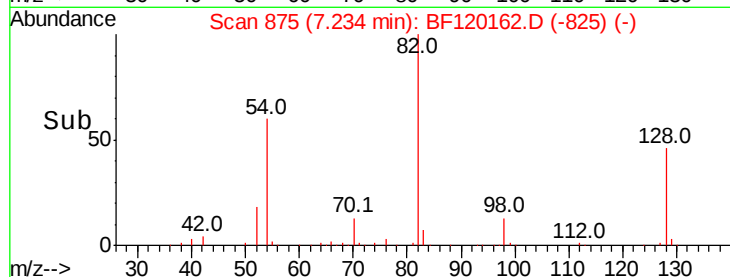
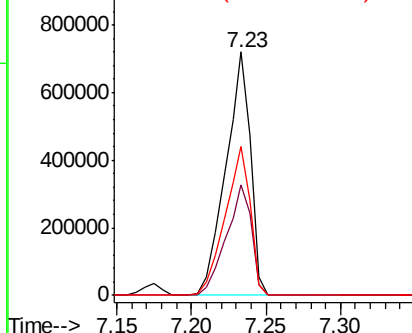
#23
 Nitrobenzene-d5
 Concen: 78.848 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB128439BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.3	54.5
54	61.3	50.6	75.8

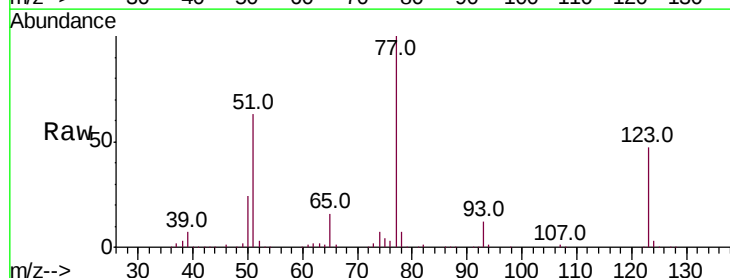


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

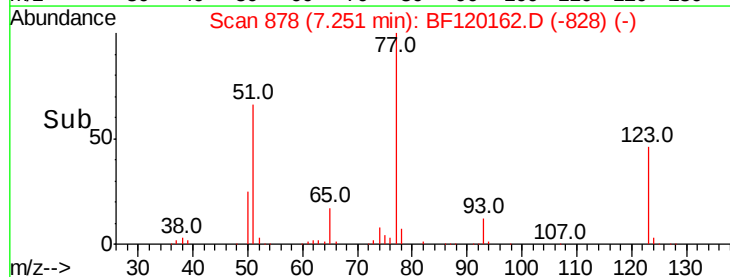
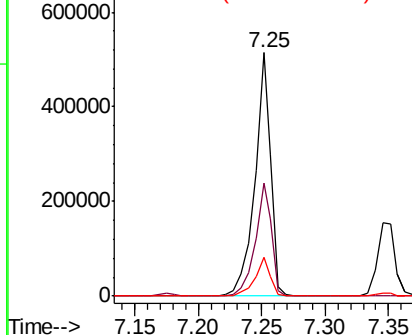


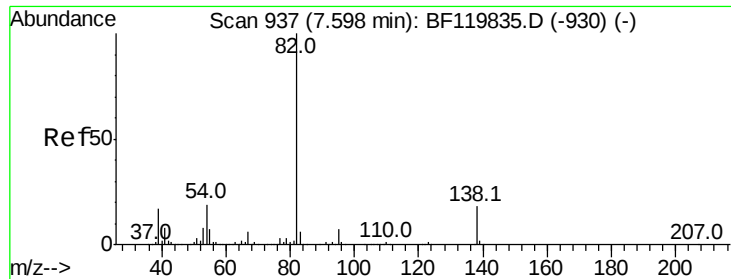
#24
 Nitrobenzene
 Concen: 42.135 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.7	38.0	57.0
65	16.2	12.6	18.8



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





#25

Isophorone

Concen: 41.506 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

ClientSampleId :

PB128439BS

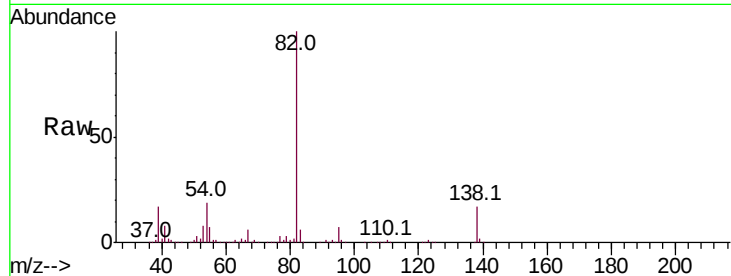
Tot Ion: 82 Resp: 851847

Ion Ratio Lower Upper

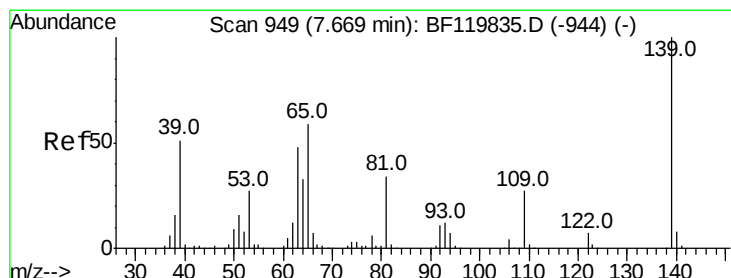
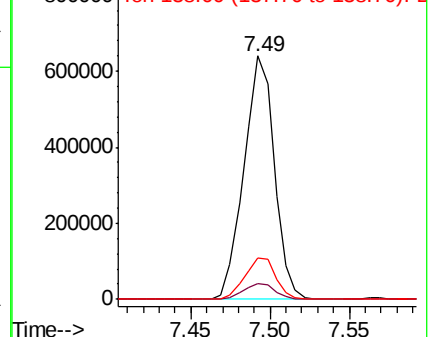
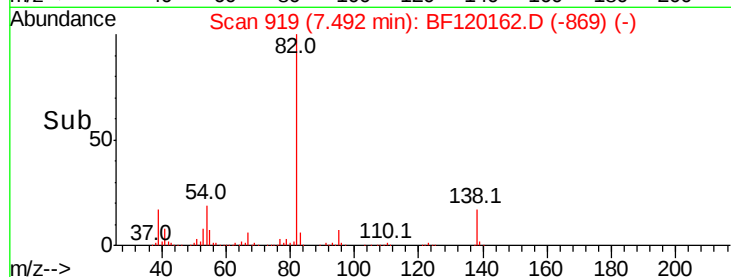
82 100

95 6.7 5.8 8.6

138 17.0 14.6 21.8



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: 44.215 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

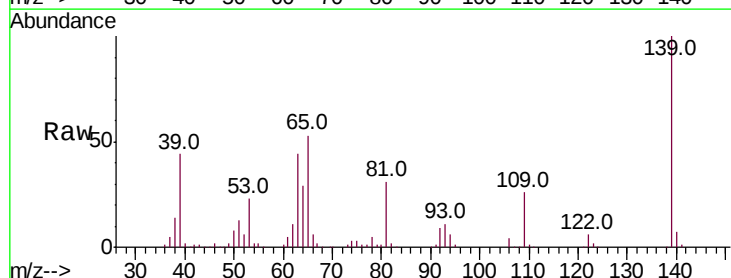
Tgt Ion: 139 Resp: 236581

Ion Ratio Lower Upper

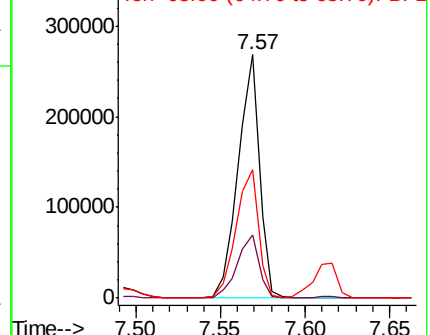
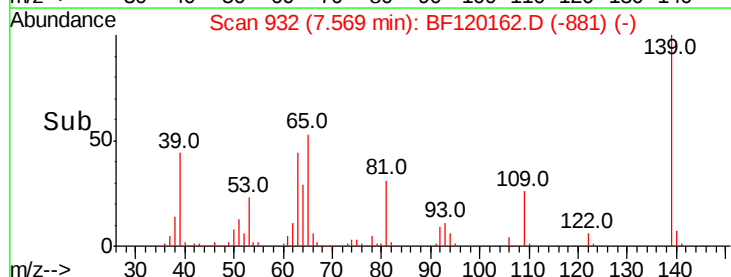
139 100

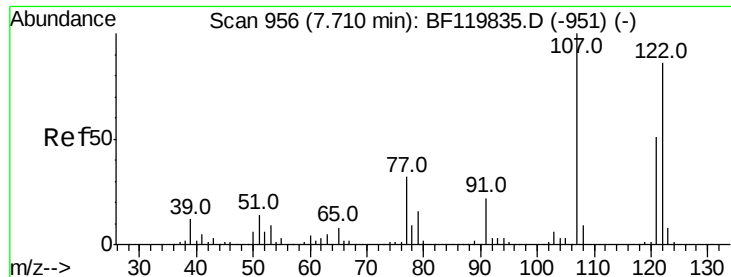
109 26.0 22.1 33.1

65 52.8 49.2 73.8



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

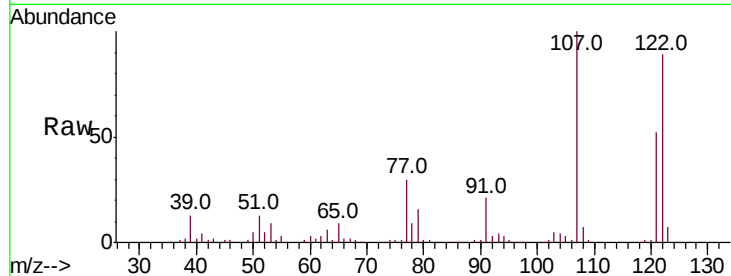




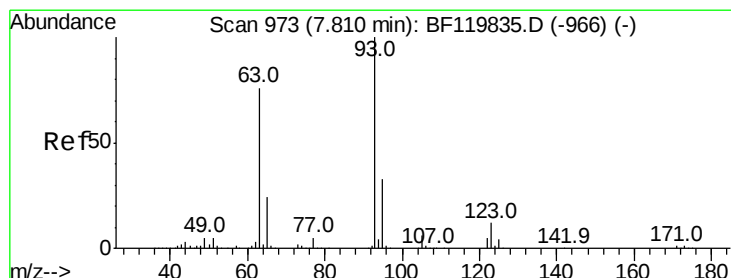
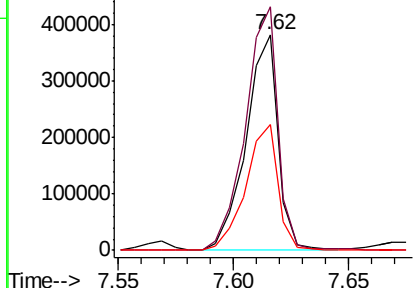
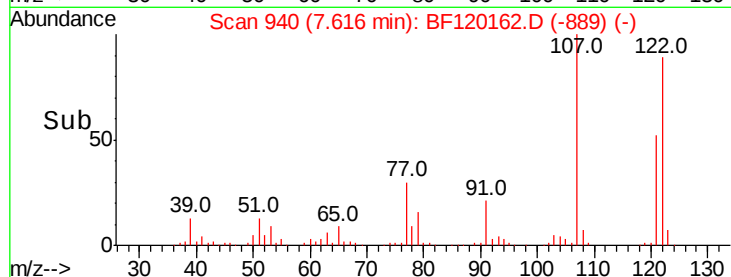
#27
2,4-Dimethylphenol
Concen: 45.983 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

Tot Ion:122 Resp: 371081
Ion Ratio Lower Upper
122 100
107 113.0 89.0 133.6
121 58.6 46.7 70.1

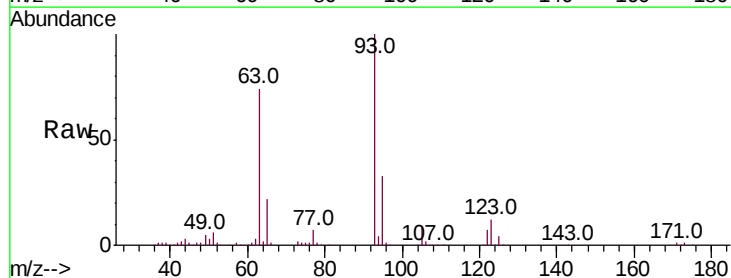


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

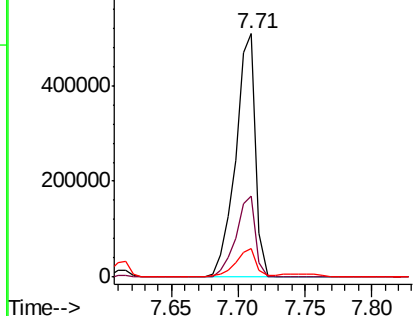
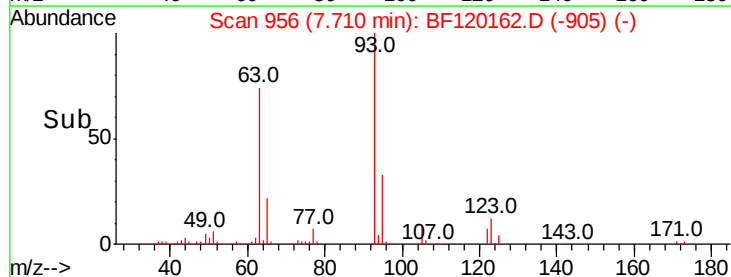


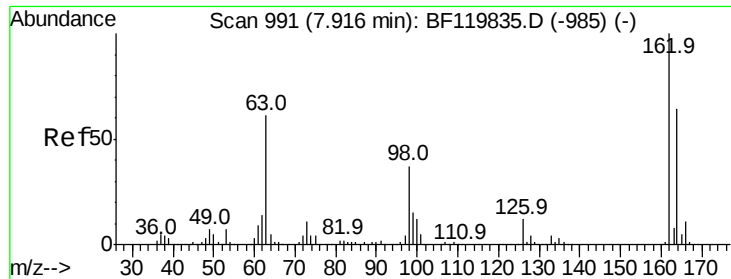
#28
bis(2-Chloroethoxy)methane
Concen: 43.781 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion: 93 Resp: 528739
Ion Ratio Lower Upper
93 100
95 33.2 26.3 39.5
123 11.8 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

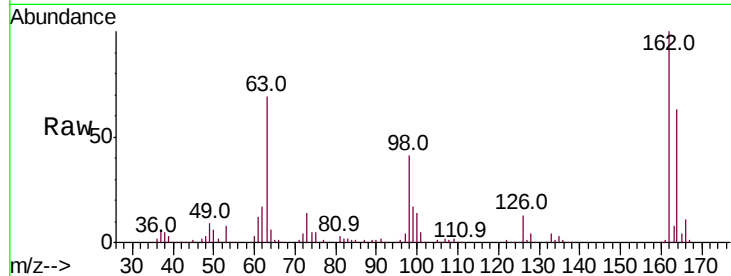




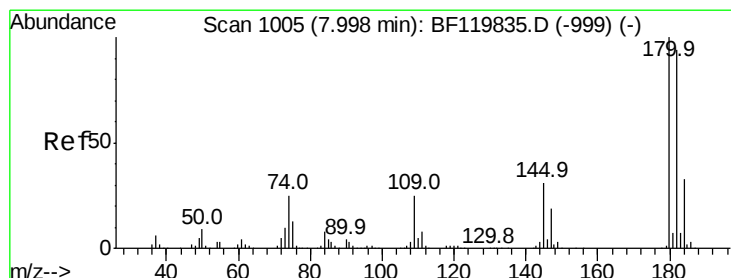
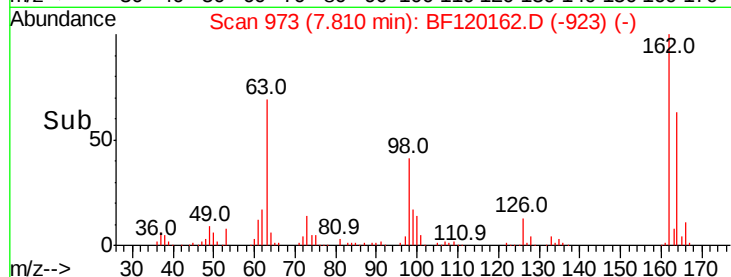
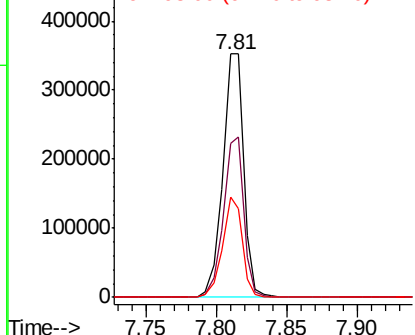
#29
 2,4-Dichlorophenol
 Concen: 43.911 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB128439BS

Tot Ion:162 Resp: 363229
 Ion Ratio Lower Upper
 162 100
 164 63.0 44.7 84.7
 98 41.4 20.7 60.7

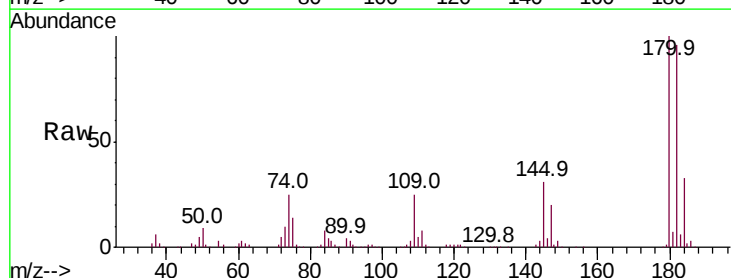


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

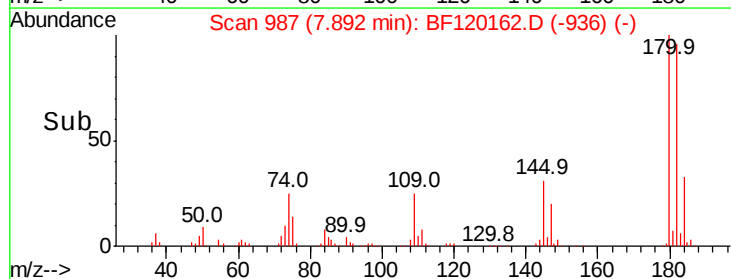
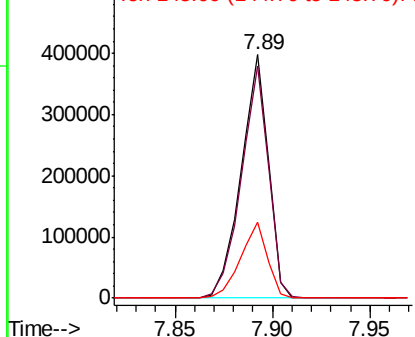


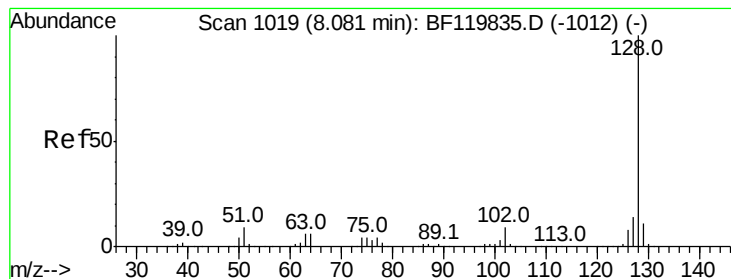
#30
 1,2,4-Trichlorobenzene
 Concen: 41.002 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Tgt Ion:180 Resp: 384295
 Ion Ratio Lower Upper
 180 100
 182 95.5 74.7 112.1
 145 31.3 24.5 36.7



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: 42.992 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

ClientSampleId :

PB128439BS

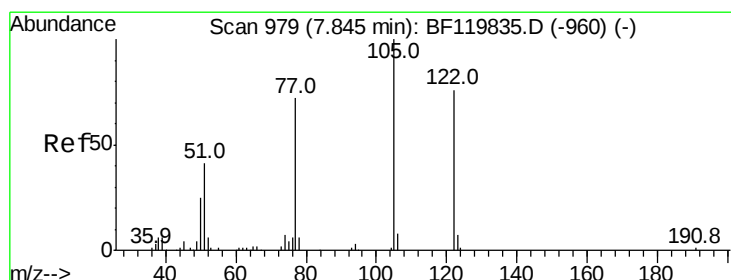
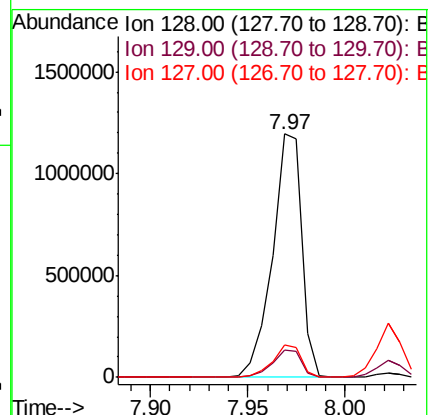
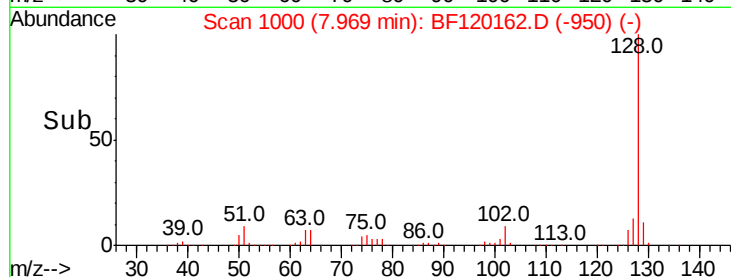
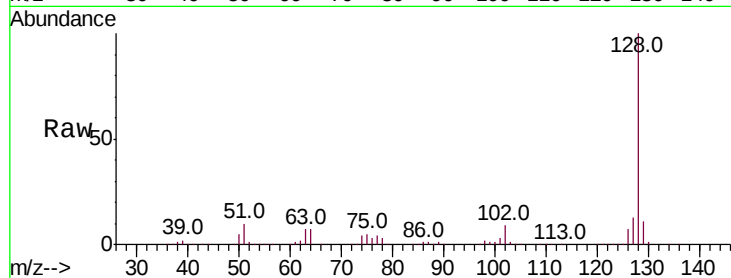
Tot Ion:128 Resp: 1245834

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

127 13.5 11.3 16.9



#32

Benzoic acid

Concen: 39.703 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

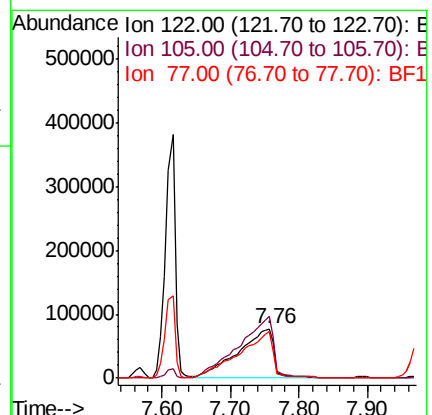
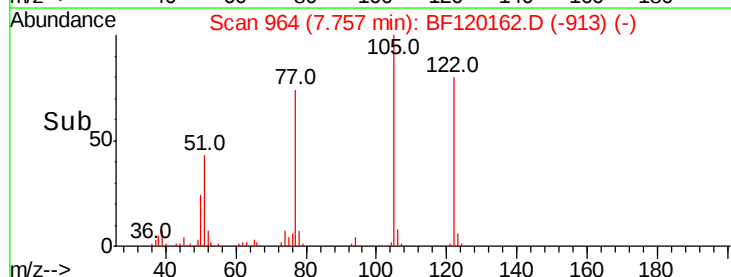
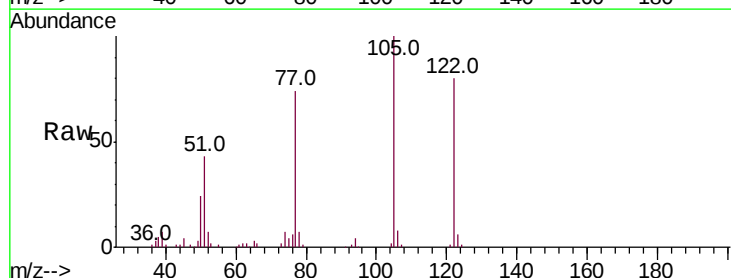
Tgt Ion:122 Resp: 281393

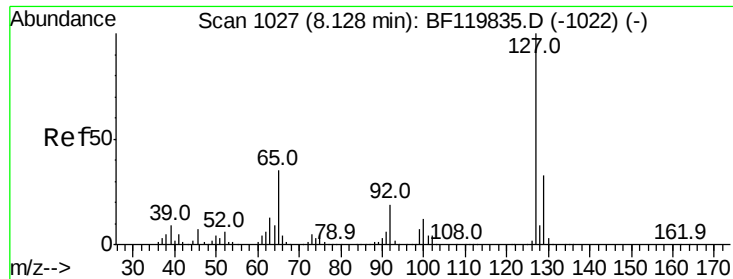
Ion Ratio Lower Upper

122 100

105 125.4 104.9 144.9

77 93.2 74.4 114.4

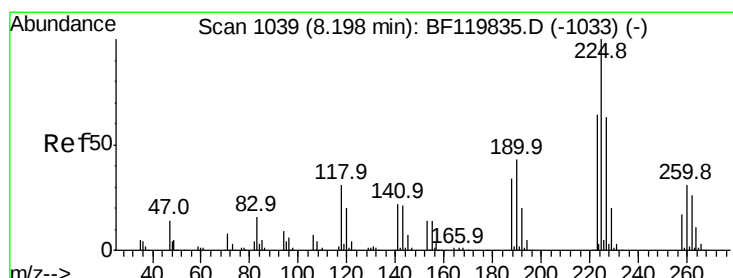
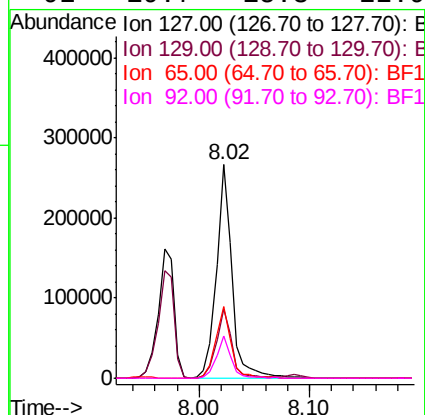
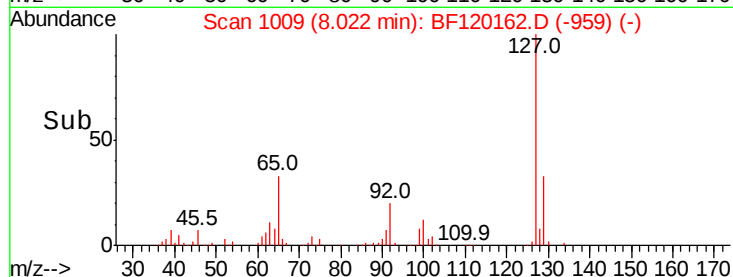
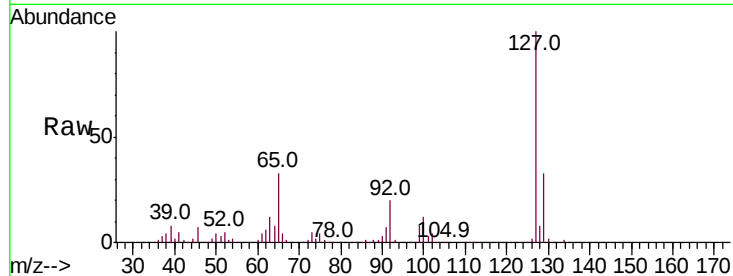




#33
4-Chloroaniline
Concen: 20.502 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

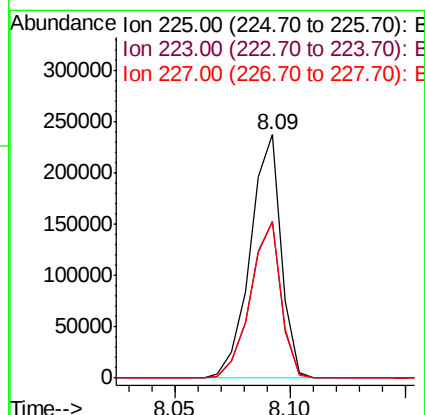
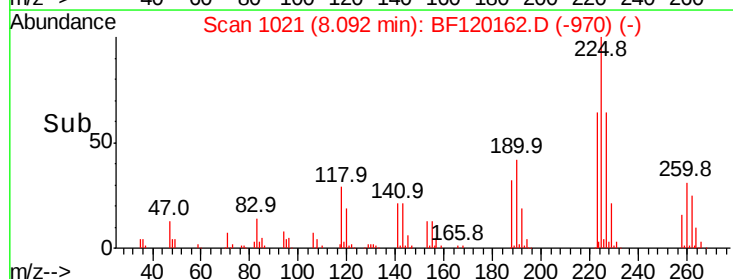
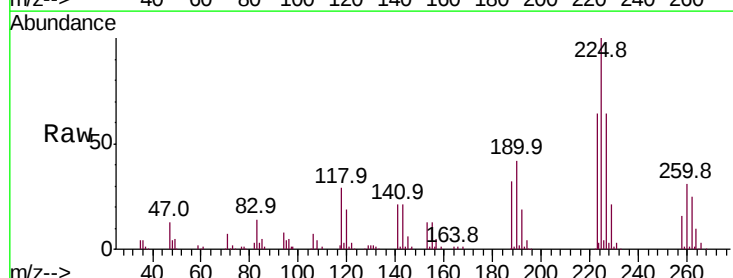
Instrument :
BNA_F
ClientSampleId :
PB128439BS

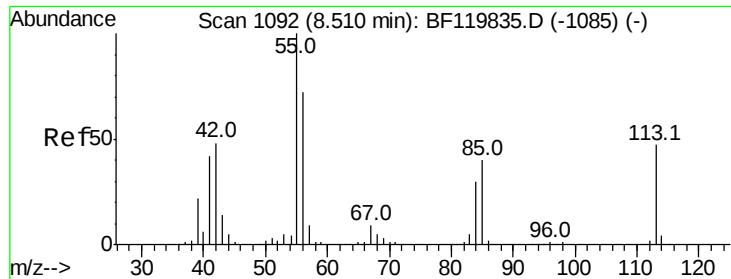
Tot Ion:	127	Resp:	258644
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	33.3	27.4	41.0
92	19.7	15.3	22.9



#34
Hexachlorobutadiene
Concen: 39.644 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion:	225	Resp:	222426
Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.0	76.6
227	64.3	50.7	76.1

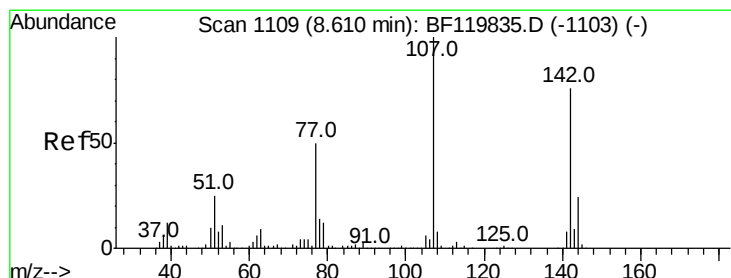
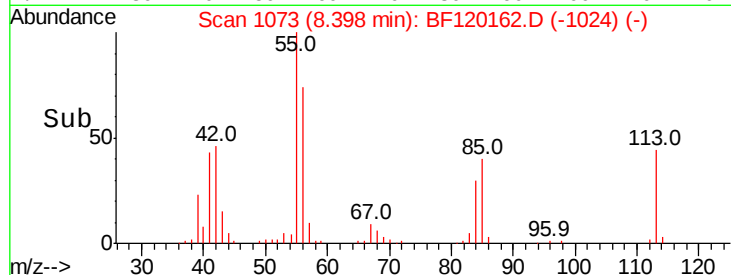
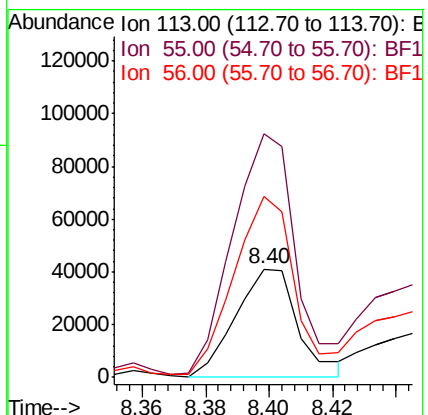
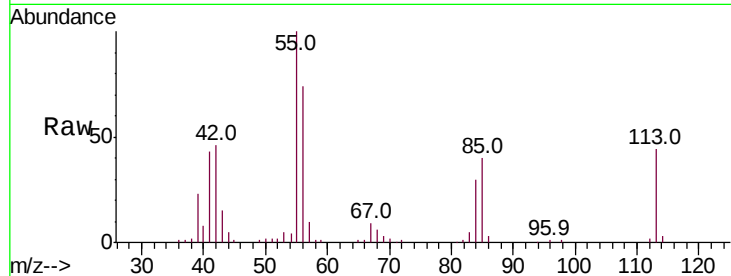




#35
 Caprolactam
 Concen: 22.246 ng
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

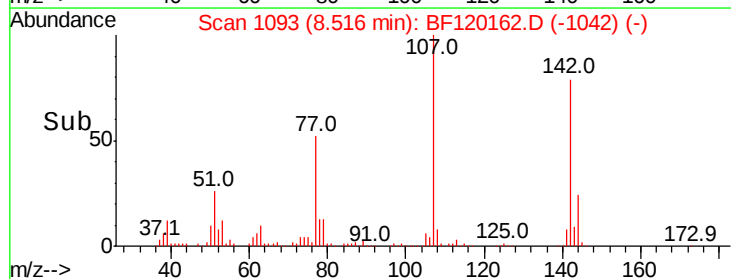
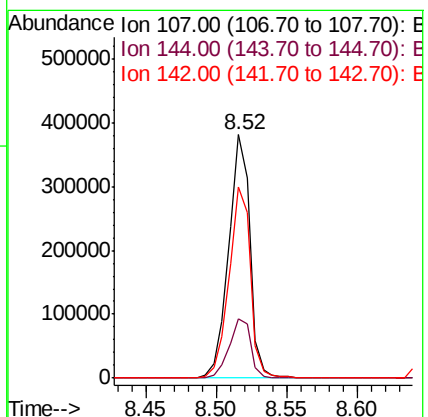
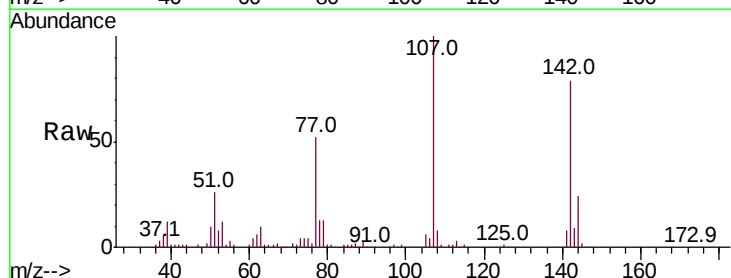
Instrument :
 BNA_F
 ClientSampleId :
 PB128439BS

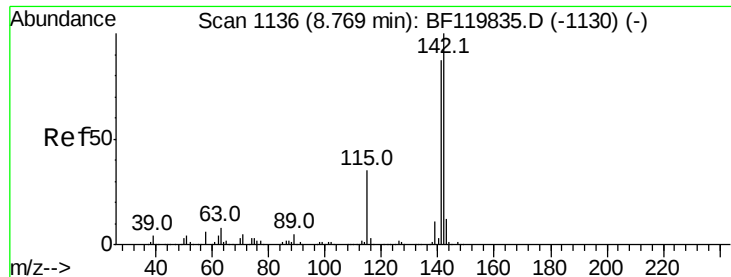
Tot Ion:113 Resp: 56289
 Ion Ratio Lower Upper
 113 100
 55 225.0 218.4 258.4
 56 167.2 148.9 188.9



#36
 4-Chloro-3-methylphenol
 Concen: 44.612 ng
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Tgt Ion:107 Resp: 399531
 Ion Ratio Lower Upper
 107 100
 144 24.2 21.0 31.6
 142 78.6 64.4 96.6

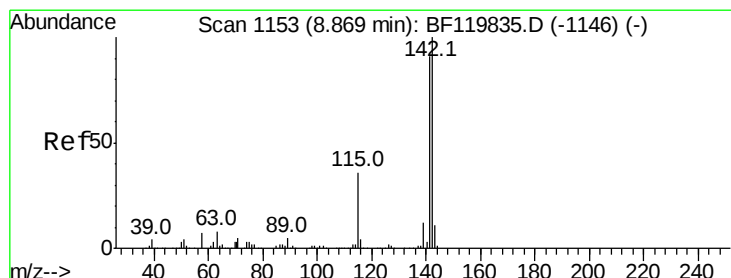
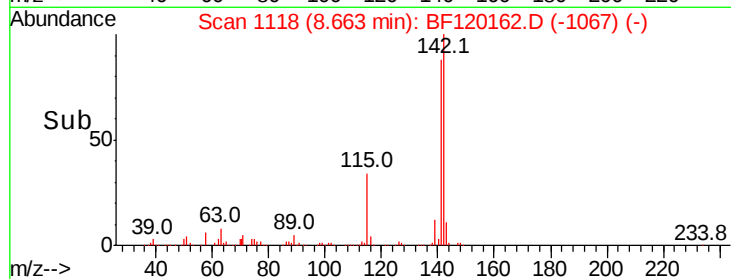
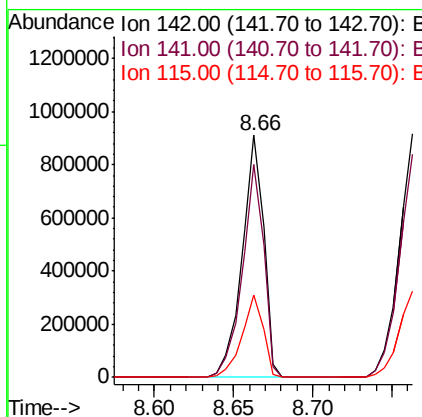
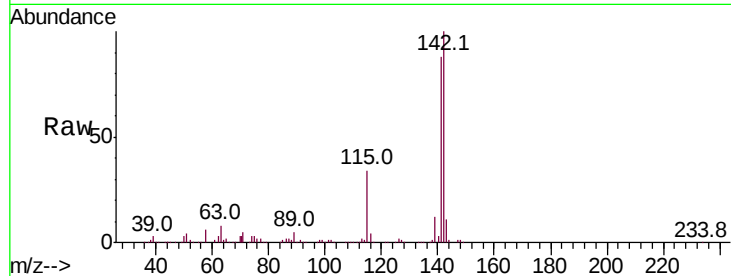




#37
 2-Methylnaphthalene
 Concen: 43.349 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

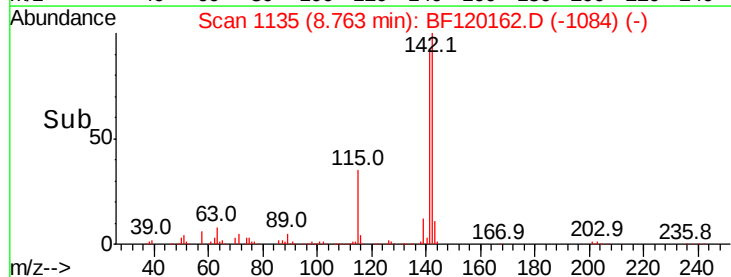
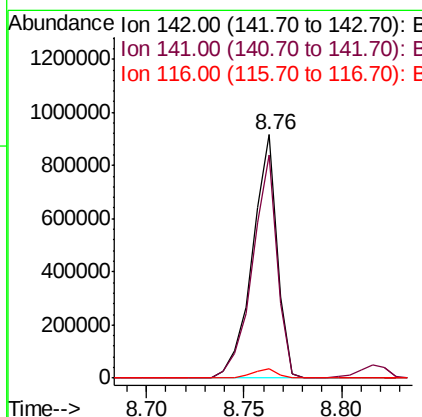
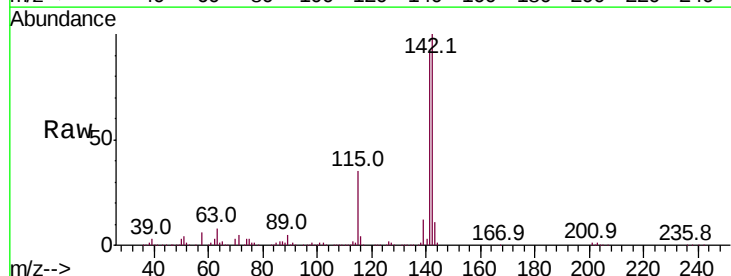
Instrument :
 BNA_F
 ClientSampleId :
 PB128439BS

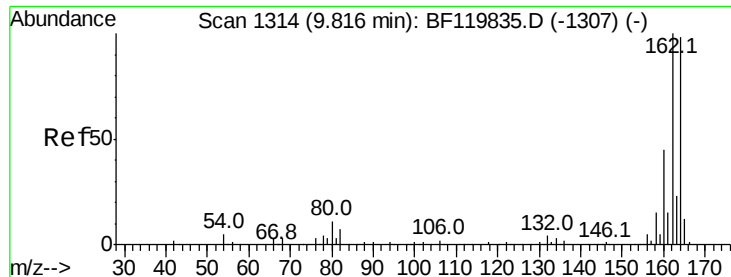
Tot Ion:142 Resp: 851646
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.7 107.5
 115 34.1 27.9 41.9



#38
 1-Methylnaphthalene
 Concen: 43.442 ng
 RT: 8.76 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Tgt Ion:142 Resp: 804451
 Ion Ratio Lower Upper
 142 100
 141 91.9 73.7 110.5
 116 3.6 3.0 4.6

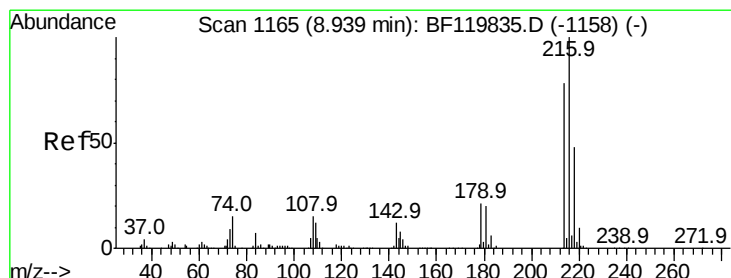
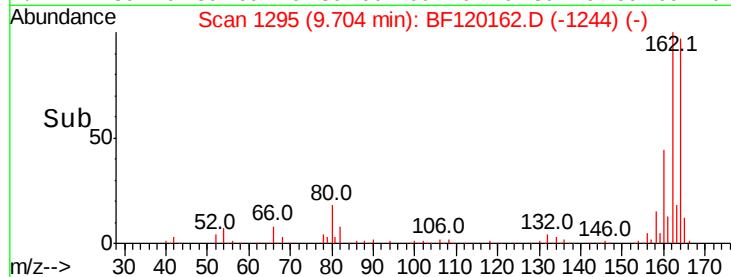
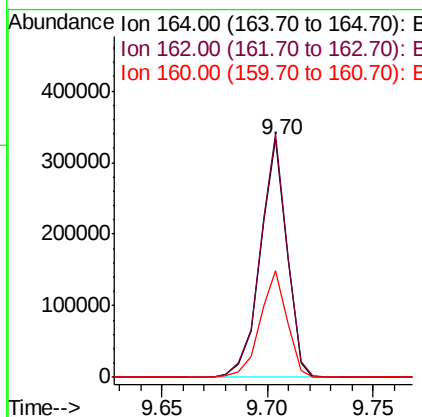
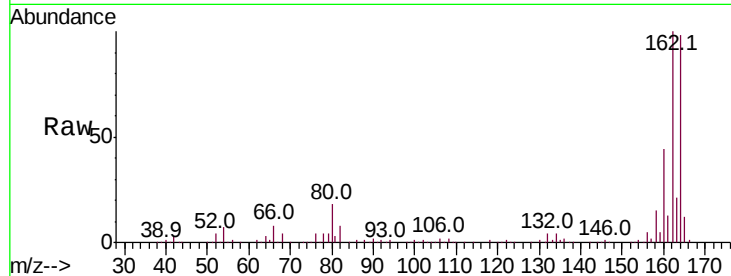




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

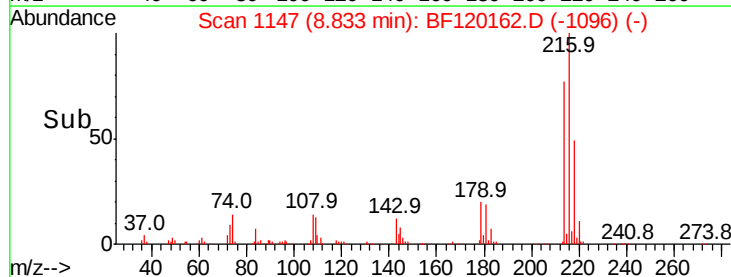
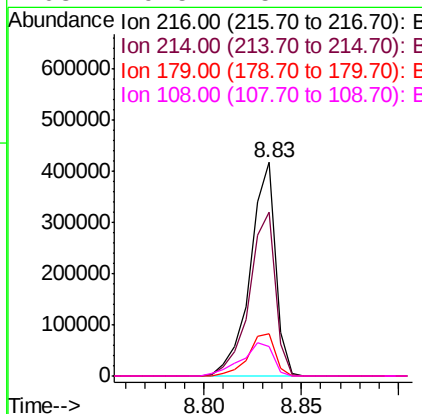
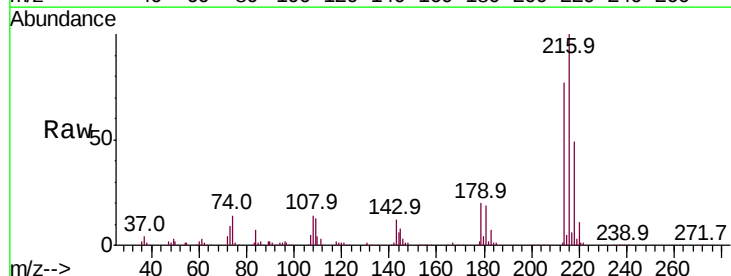
Instrument :
 BNA_F
 ClientSampleId :
 PB128439BS

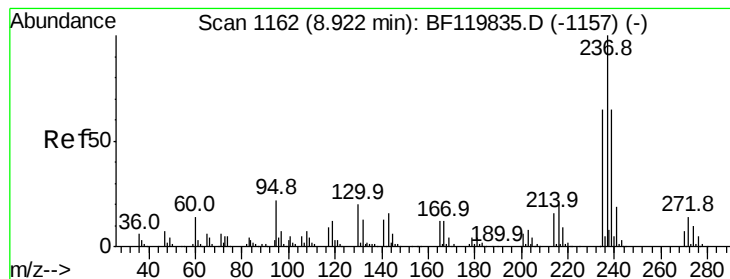
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	121.0
160	44.5	35.7	53.5



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.822 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.2	94.8
179	21.3	17.1	25.7
108	19.5	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 77.595 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

ClientSampleId :

PB128439BS

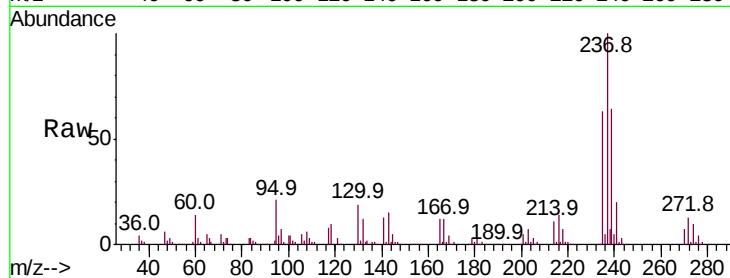
Tot Ion:237 Resp: 406428

Ion Ratio Lower Upper

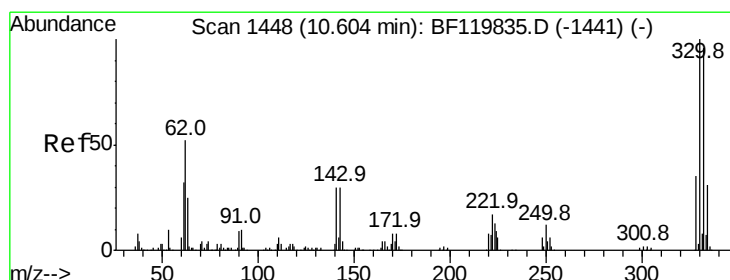
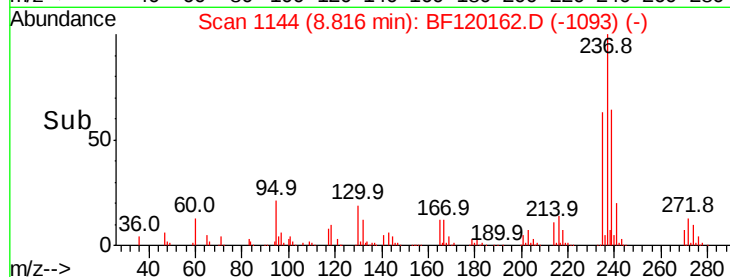
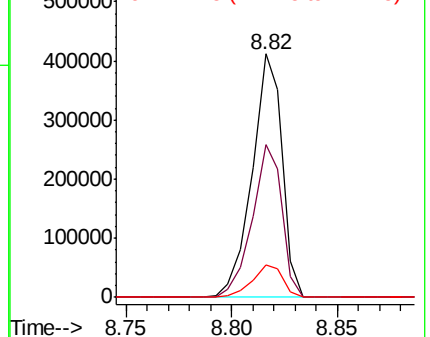
237 100

235 62.7 43.2 83.2

272 13.3 0.0 34.1



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: 105.613 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

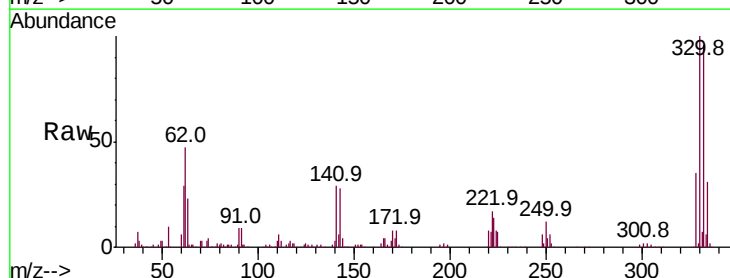
Tgt Ion:330 Resp: 377106

Ion Ratio Lower Upper

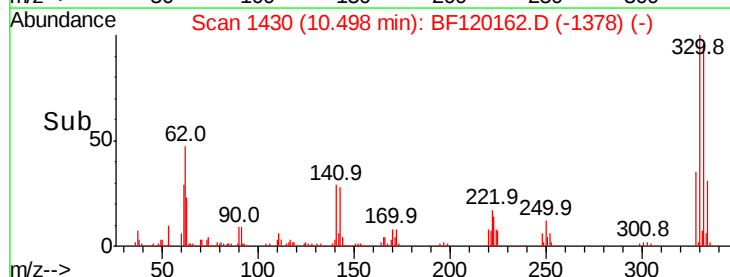
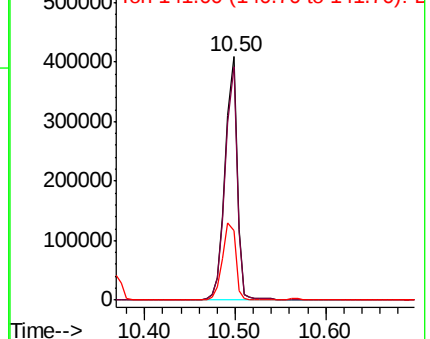
330 100

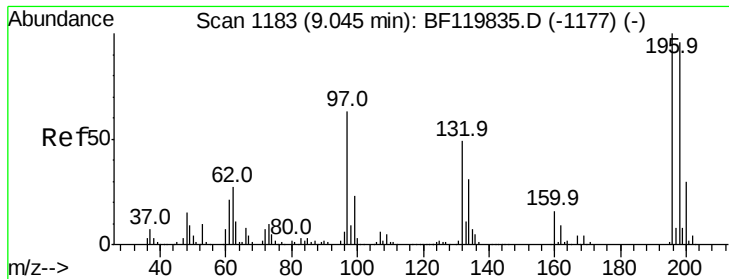
332 95.4 75.7 113.5

141 34.5 25.4 38.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

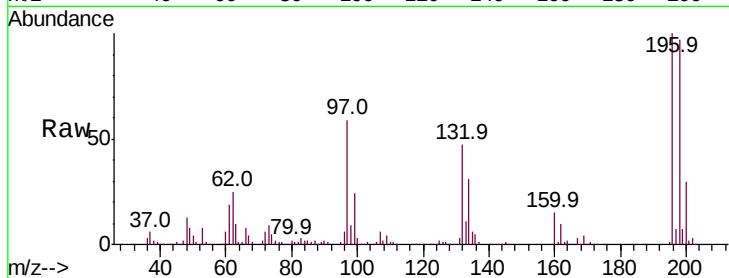




#43
 2,4,6-Trichlorophenol
 Concen: 41.666 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB128439BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.6	115.0
200	30.4	24.6	36.8

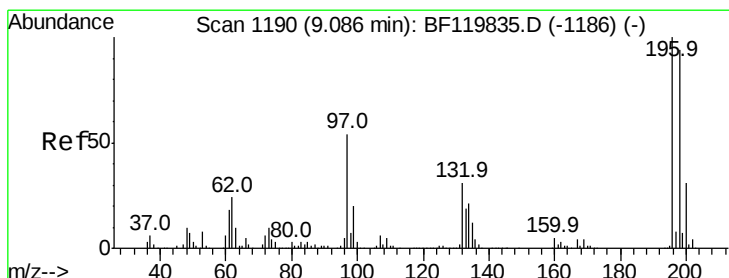
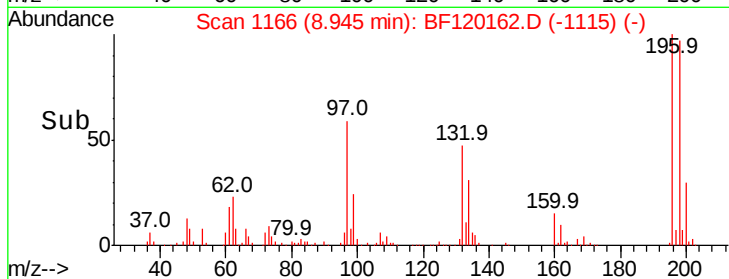
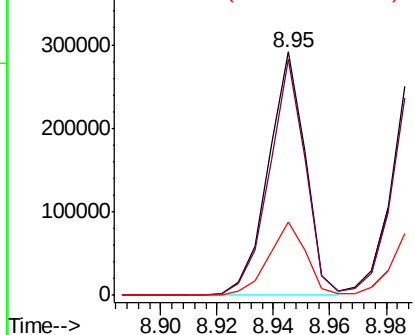


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.965 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	73.8	110.8
97	46.2	42.6	63.8
132	28.4	24.0	36.0

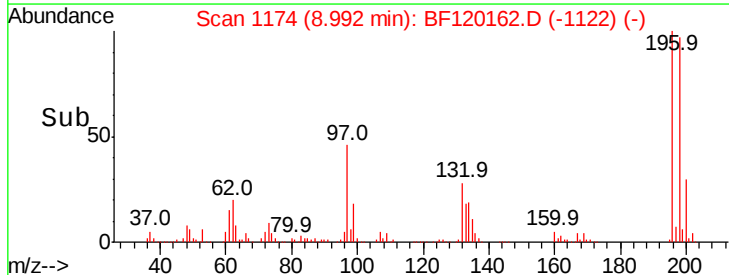
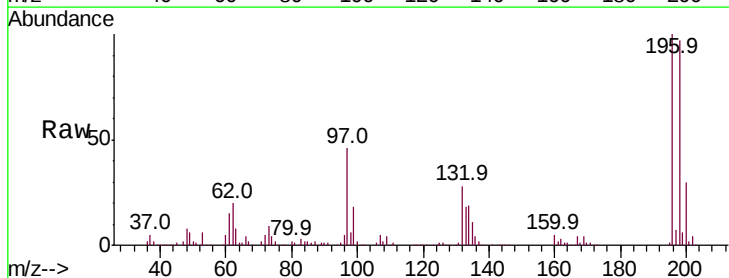
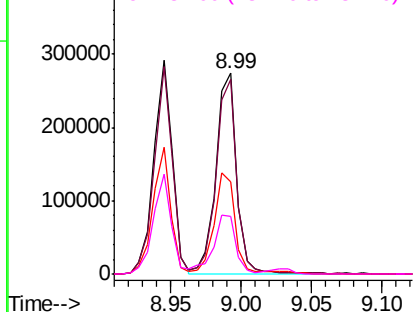
Abundance

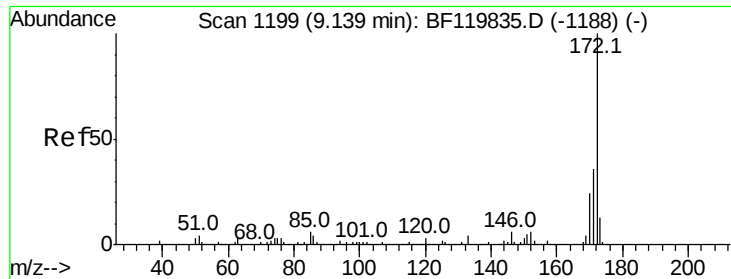
Ion 196.00 (195.70 to 196.70): E

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



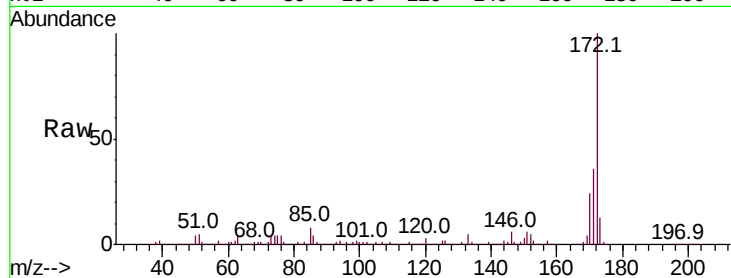


#45
 2-Fluorobiphenyl
 Concen: 81.637 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

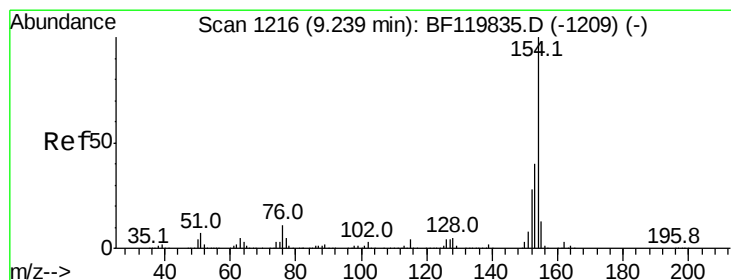
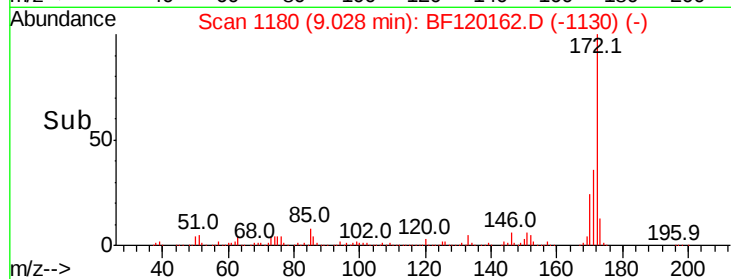
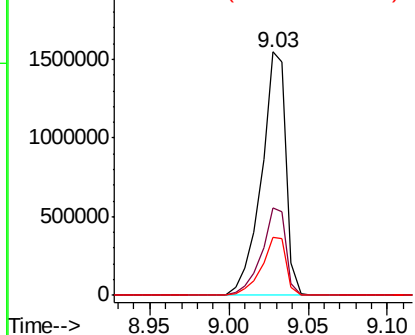
Instrument :
 BNA_F
 ClientSampleId :
 PB128439BS

Tot Ion:172 Resp: 1676900

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.7	20.2	30.2



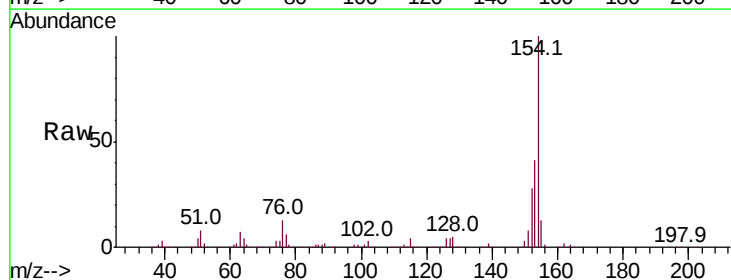
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



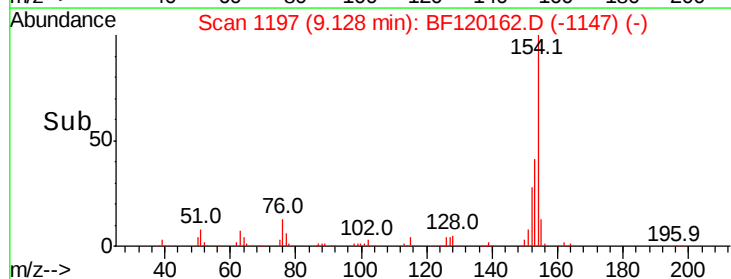
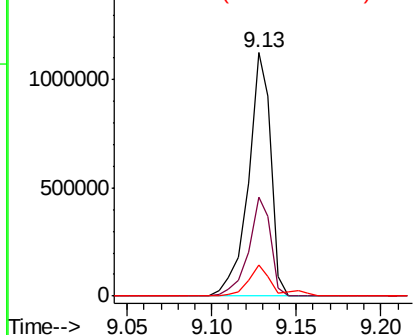
#46
 1,1'-Biphenyl
 Concen: 42.503 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

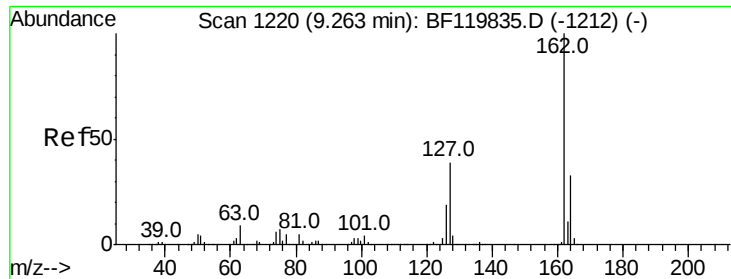
Tgt Ion:154 Resp: 1046245

Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.4	61.4
76	12.9	0.0	33.0



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

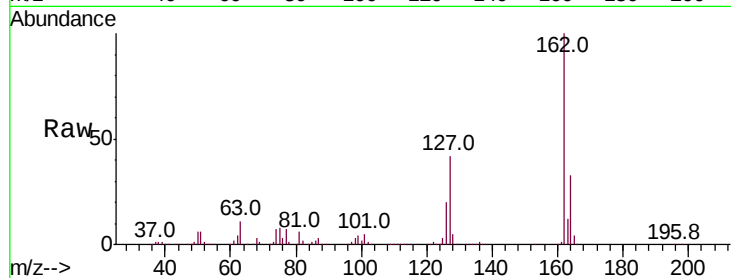




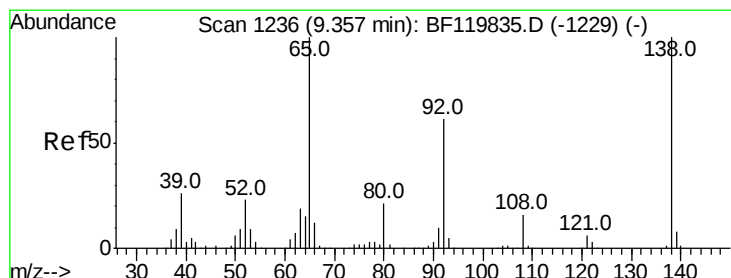
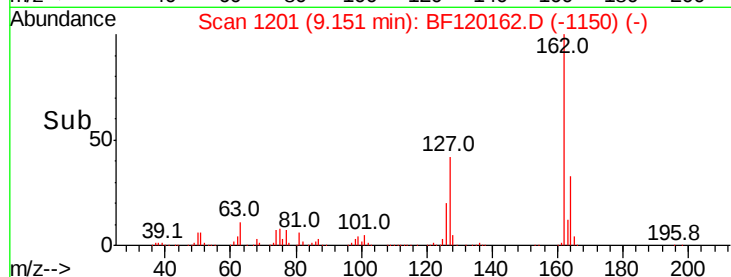
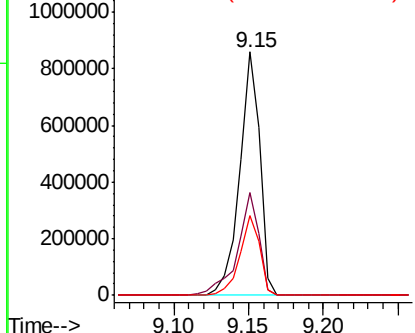
#47
 2-Chloronaphthalene
 Concen: 42.556 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB128439BS

Tot Ion:162 Resp: 806979
 Ion Ratio Lower Upper
 162 100
 127 42.1 33.7 50.5
 164 32.7 26.3 39.5

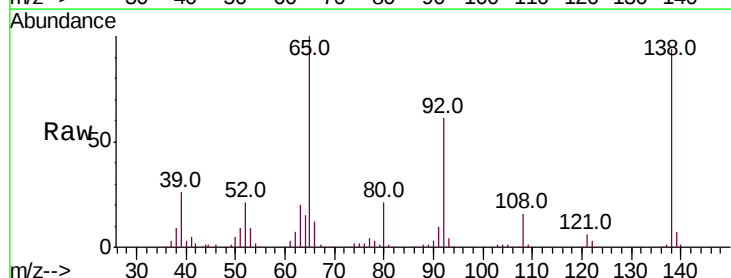


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

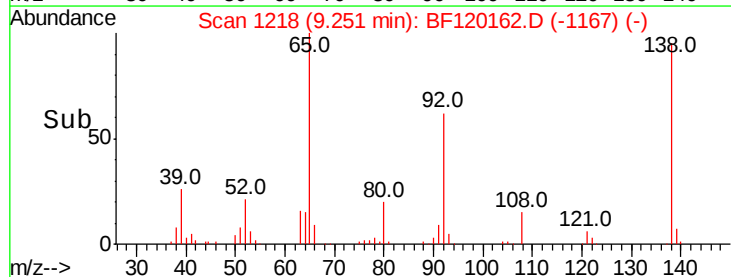
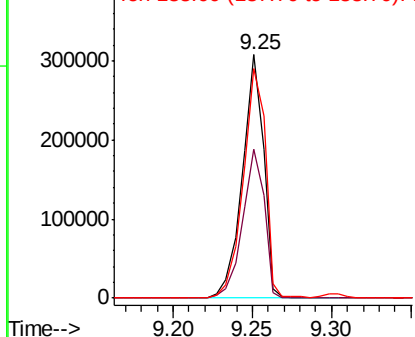


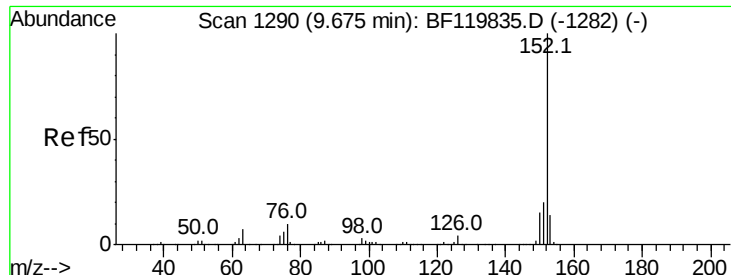
#48
 2-Nitroaniline
 Concen: 41.271 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Tgt Ion: 65 Resp: 283611
 Ion Ratio Lower Upper
 65 100
 92 61.4 50.0 75.0
 138 94.1 75.0 112.4



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





#49

Acenaphthylene

Concen: 43.612 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

ClientSampleId :

PB128439BS

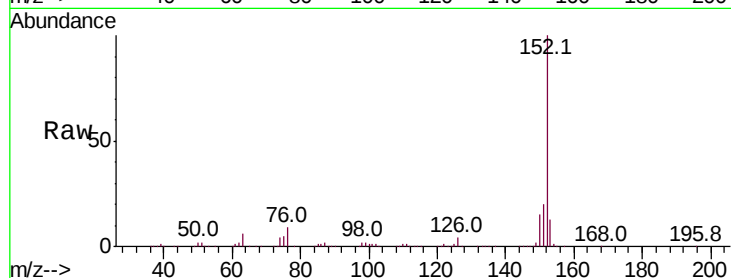
Tot Ion:152 Resp: 1257714

Ion Ratio Lower Upper

152 100

151 20.4 17.2 25.8

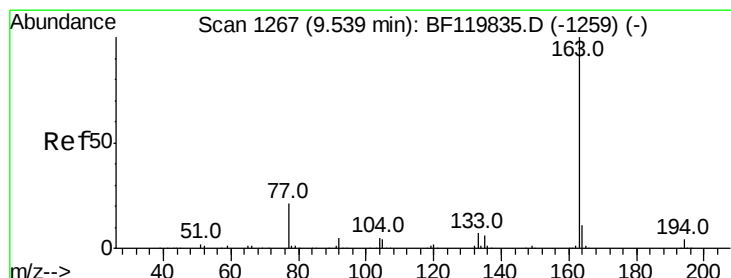
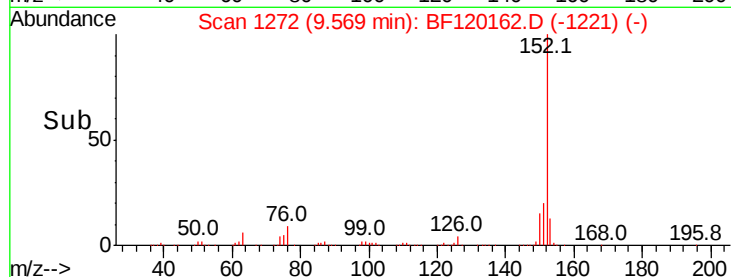
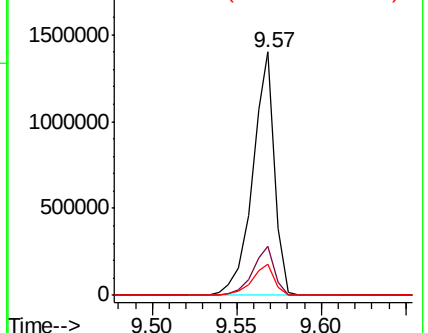
153 12.8 11.2 16.8



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: 41.800 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

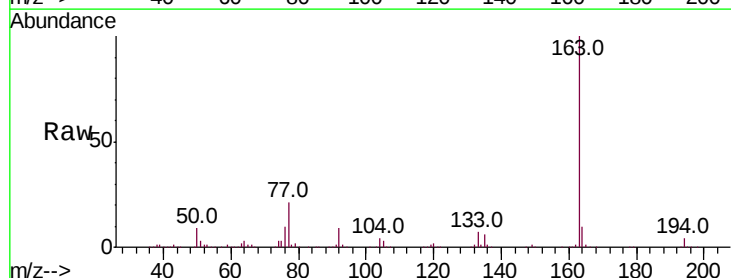
Tgt Ion:163 Resp: 942925

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

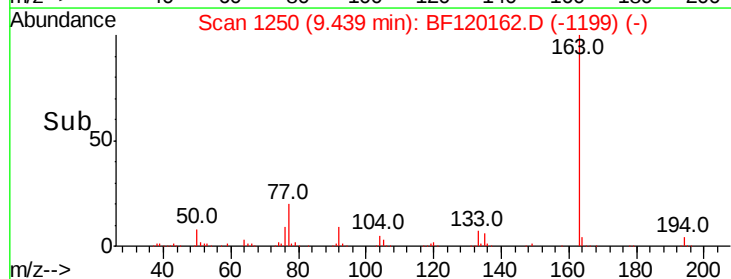
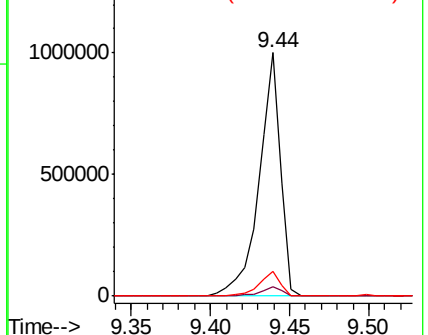
164 10.1 8.2 12.2

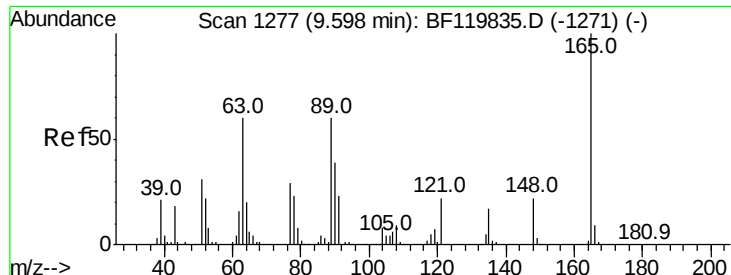


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

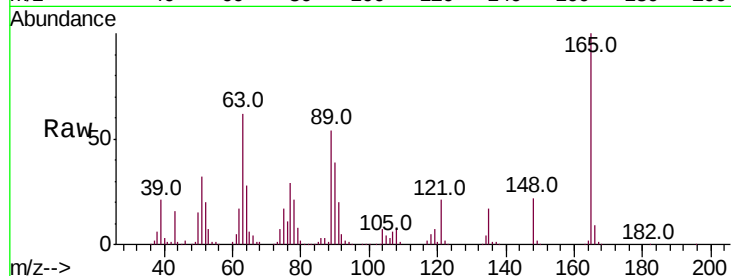




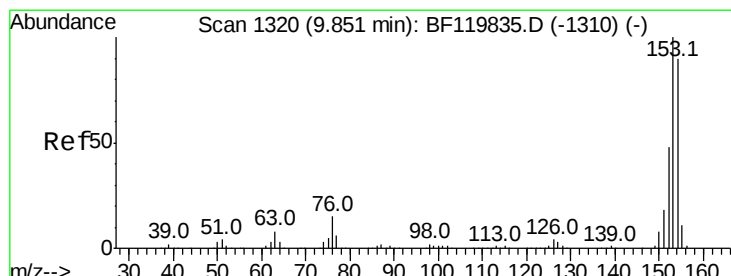
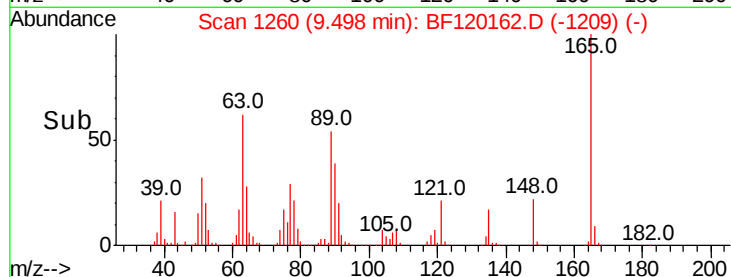
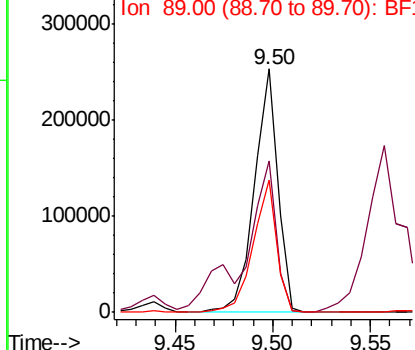
#51
 2,6-Dinitrotoluene
 Concen: 42.812 ng
 RT: 9.50 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB128439BS

Tot Ion:165 Resp: 211483
 Ion Ratio Lower Upper
 165 100
 63 62.1 45.0 67.4
 89 54.5 41.5 62.3

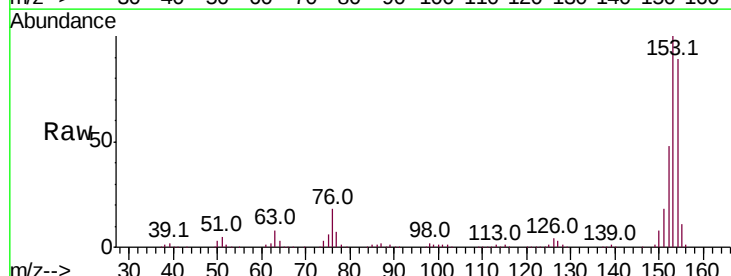


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

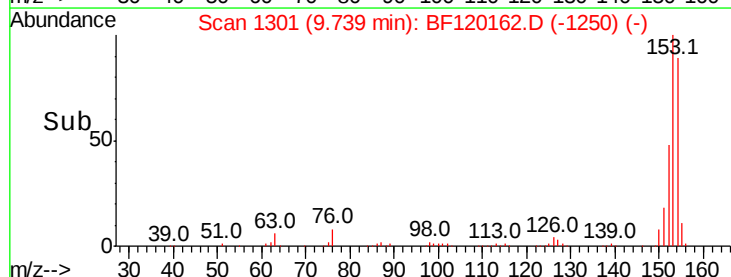
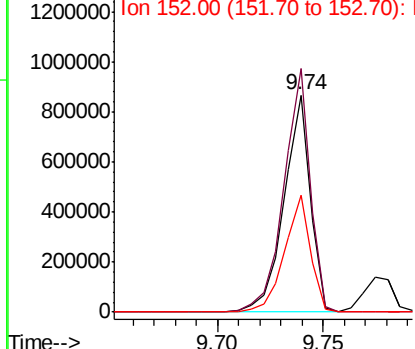


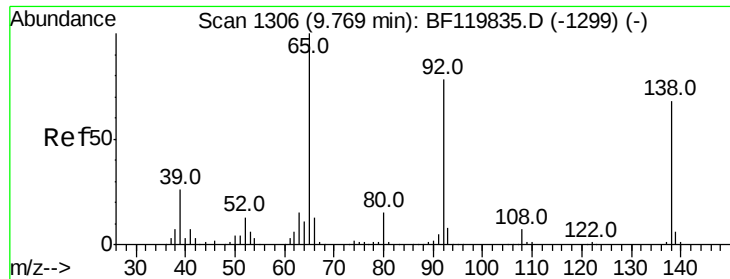
#52
 Acenaphthene
 Concen: 39.194 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Tgt Ion:154 Resp: 753992
 Ion Ratio Lower Upper
 154 100
 153 112.2 88.1 132.1
 152 53.7 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 26.322 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

ClientSampleId :

PB128439BS

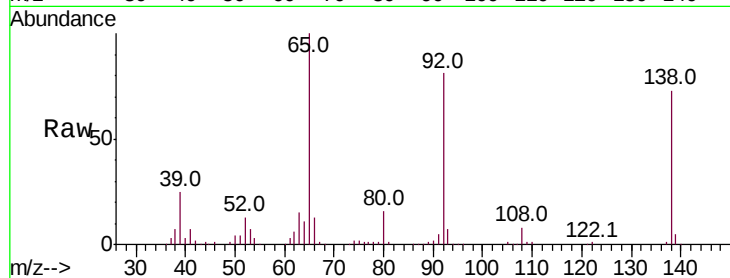
Tot Ion:138 Resp: 148503

Ion Ratio Lower Upper

138 100

108 10.4 8.6 13.0

92 111.5 95.4 143.0

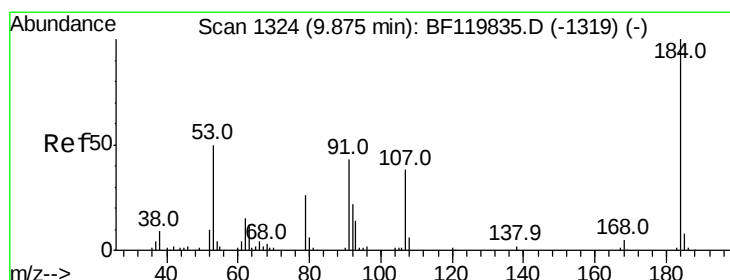
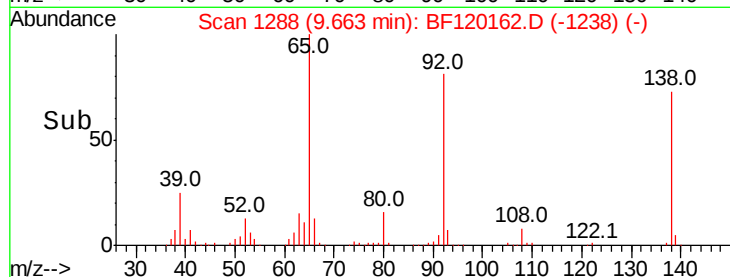
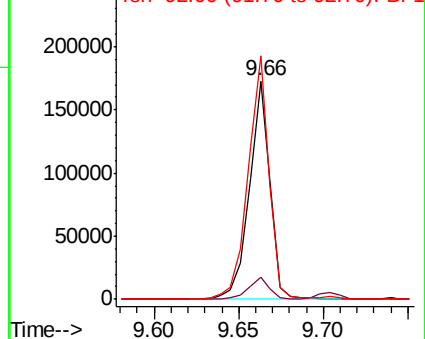


Abundance

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: 81.879 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

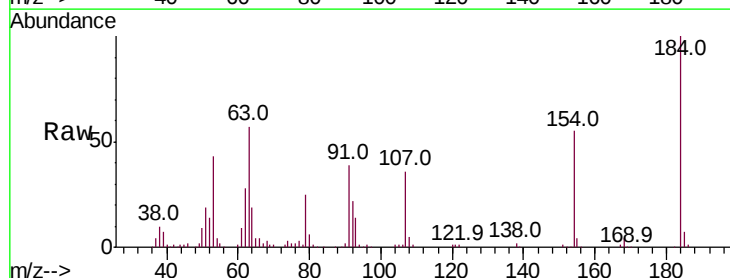
Tgt Ion:184 Resp: 242154

Ion Ratio Lower Upper

184 100

63 56.6 50.2 75.4

154 55.2 44.5 66.7

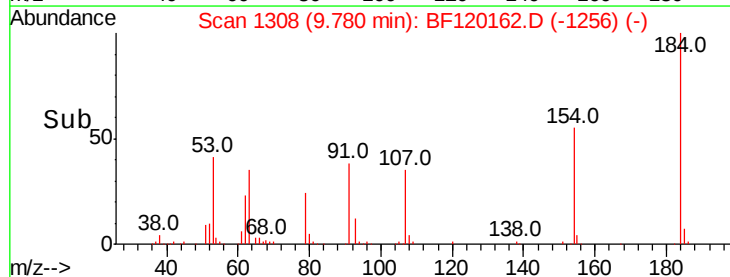
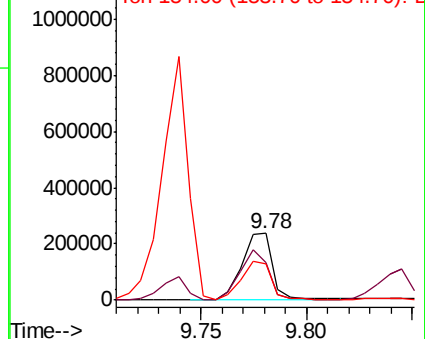


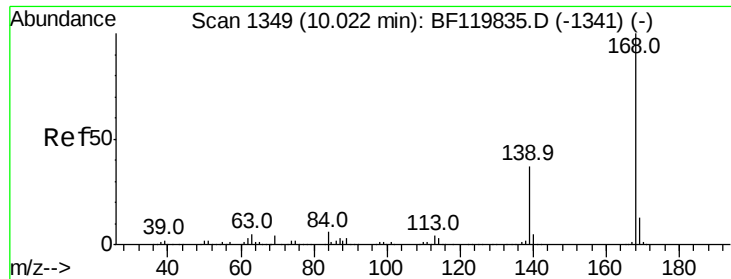
Abundance

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

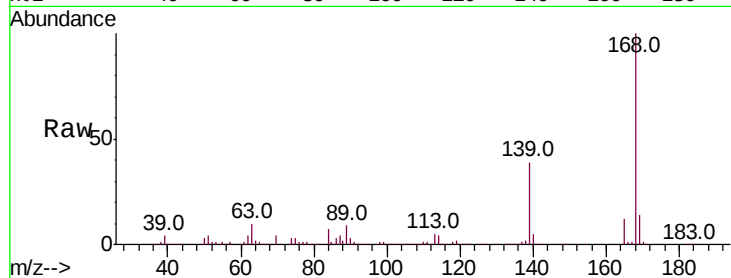




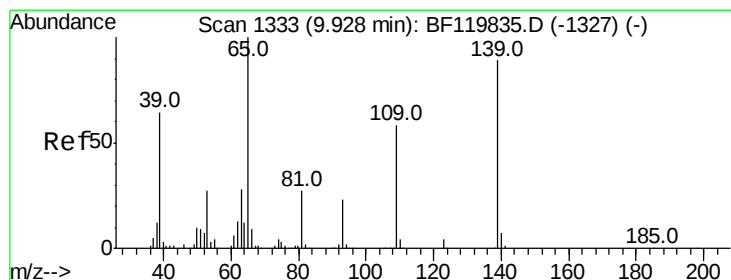
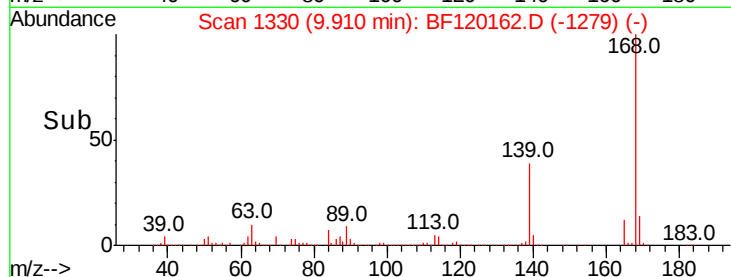
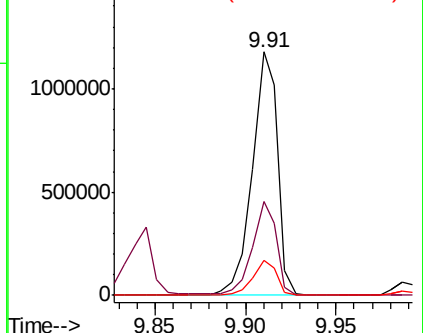
#55
Dibenzofuran
Concen: 43.031 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

Tot Ion:168 Resp: 1135968
Ion Ratio Lower Upper
168 100
139 38.7 30.1 45.1
169 14.2 11.0 16.6

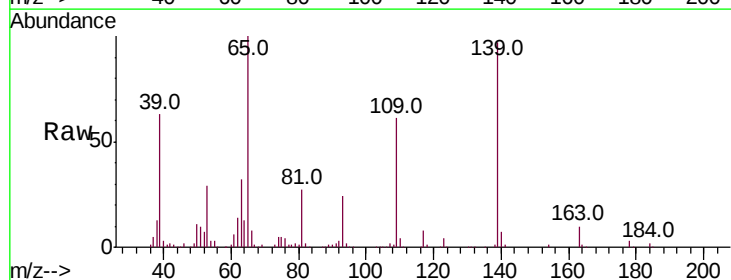


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

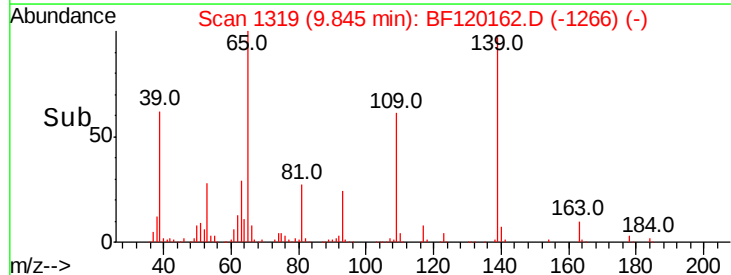
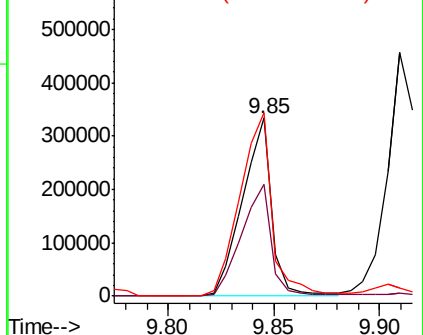


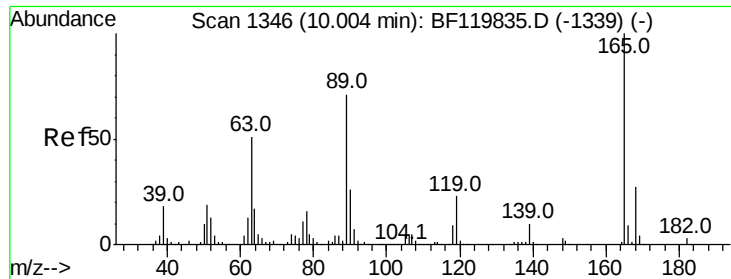
#56
4-Nitrophenol
Concen: 76.890 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion:139 Resp: 322762
Ion Ratio Lower Upper
139 100
109 63.2 43.3 83.3
65 103.2 91.0 131.0



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

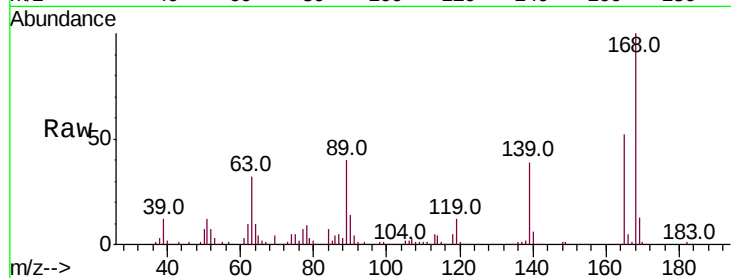




#57
 2,4-Dinitrotoluene
 Concen: 42.504 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB128439BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.0	42.6	64.0
89	77.2	61.0	91.4
182	2.3	2.2	3.2



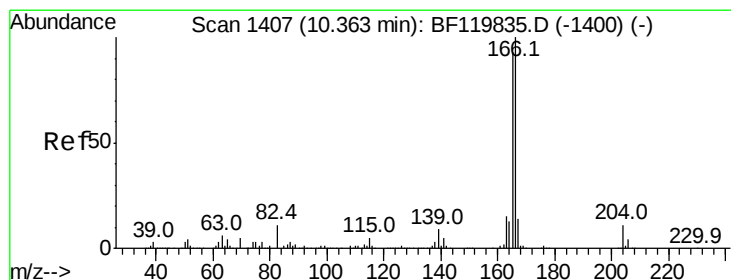
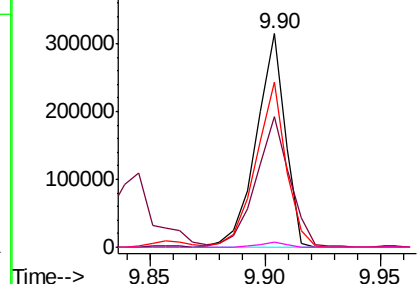
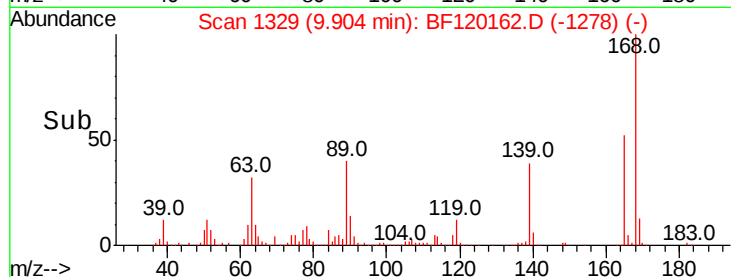
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

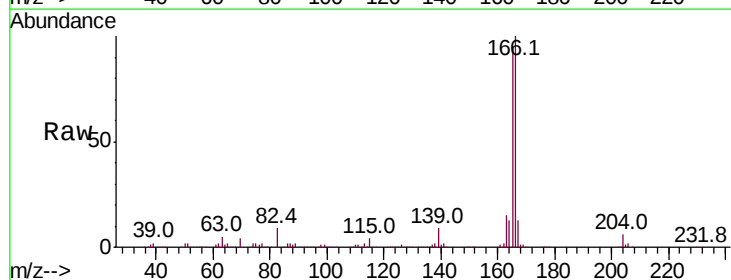
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 42.340 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.2	75.4	113.2
167	12.7	11.2	16.8

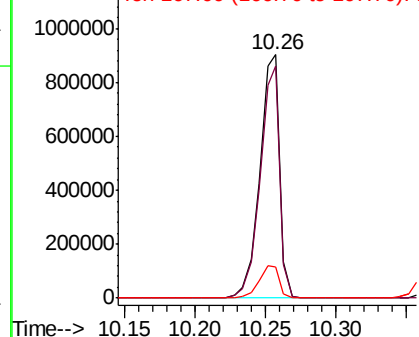
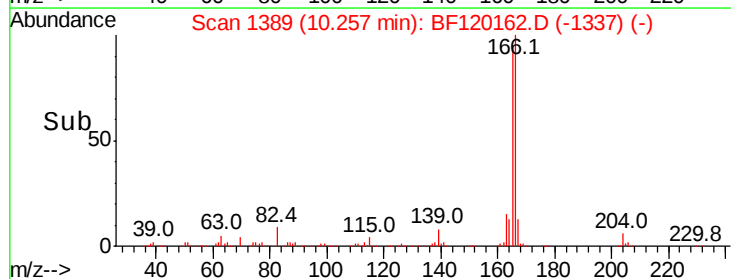


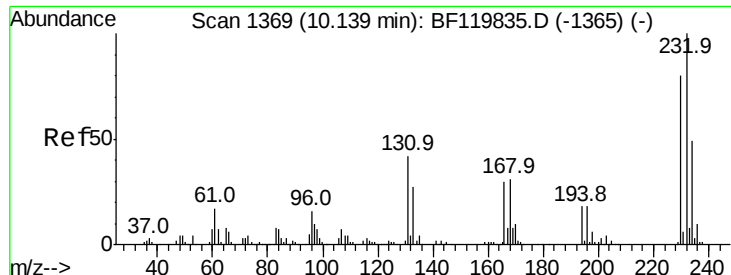
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

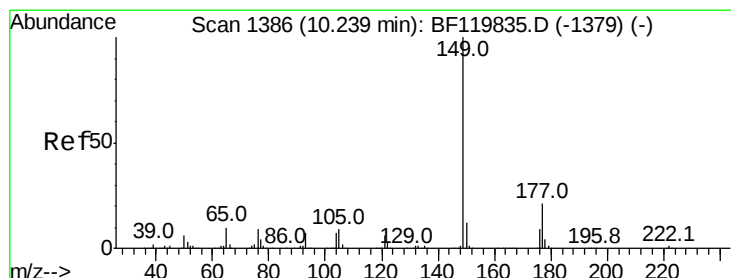
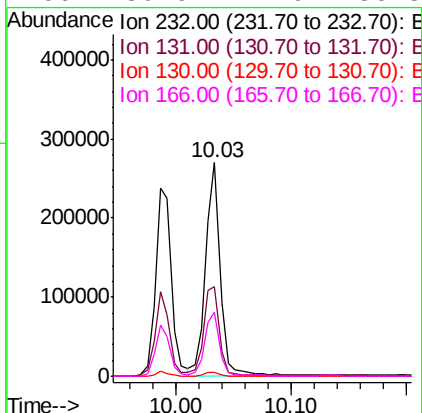
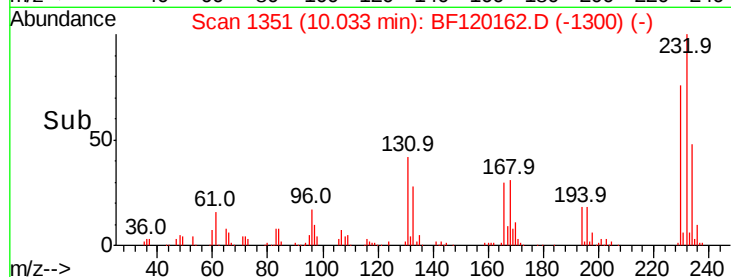
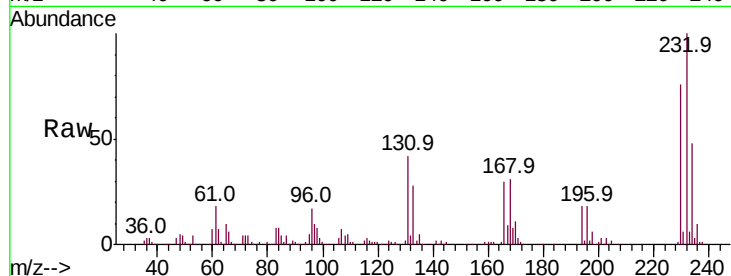




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.632 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

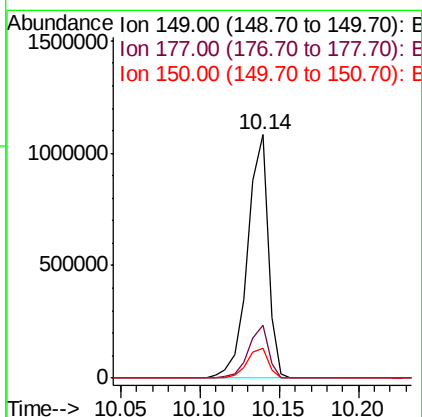
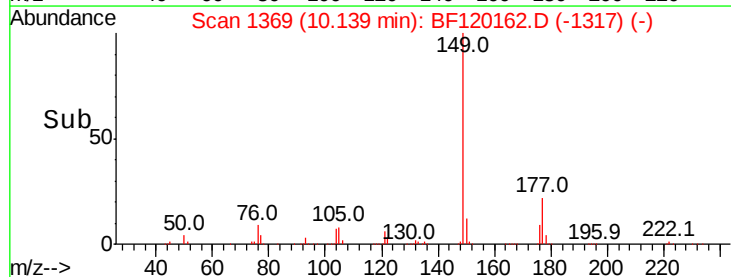
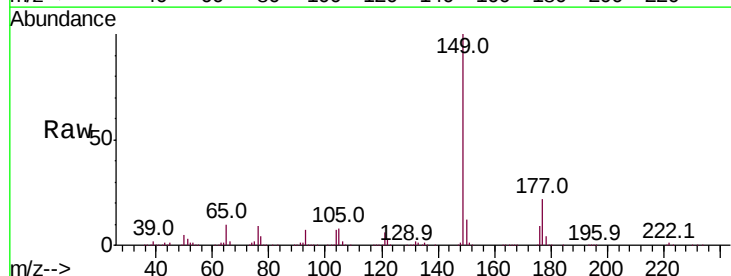
Instrument :
 BNA_F
 ClientSampleId :
 PB128439BS

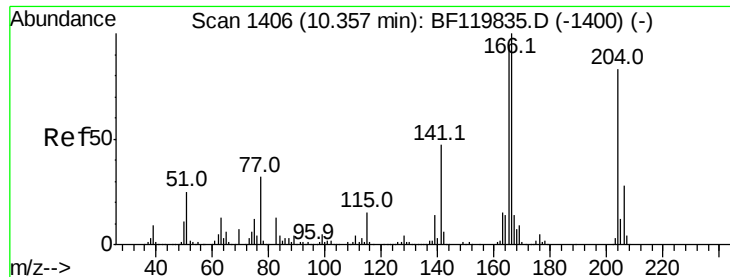
Tot Ion:	232	Resp:	239067
Ion	Ratio	Lower	Upper
232	100		
131	45.4	37.5	56.3
130	2.2	1.8	2.6
166	30.6	24.6	36.8



#60
 Diethylphthalate
 Concen: 41.597 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Tgt Ion:	149	Resp:	972532
Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.0	25.6
150	12.2	10.1	15.1

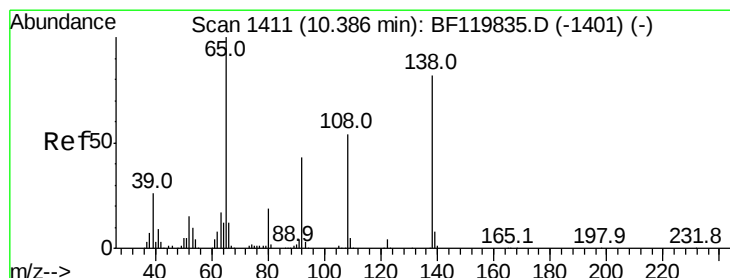
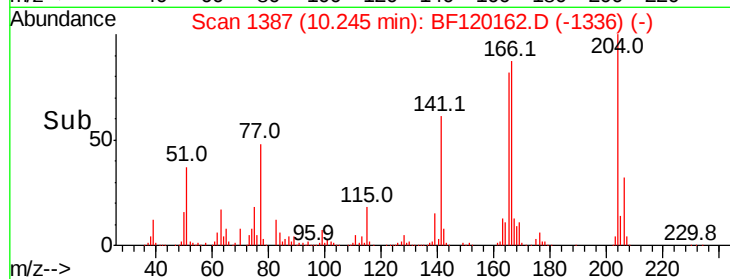
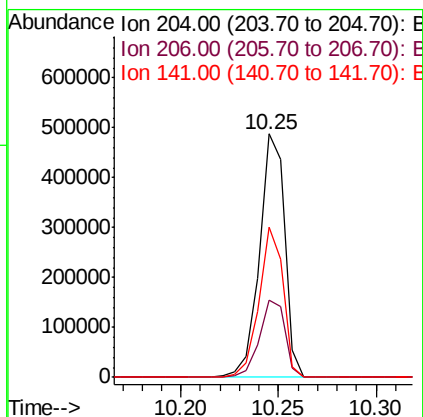
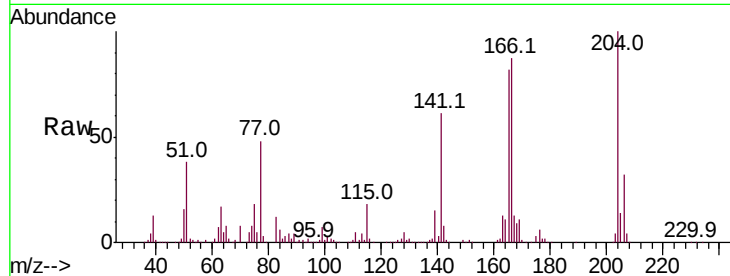




#61
 4-Chlorophenyl-phenylether
 Concen: 40.211 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

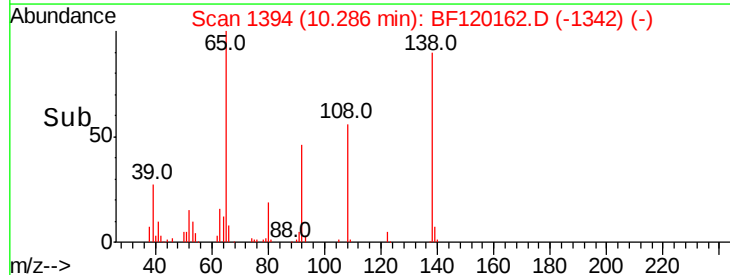
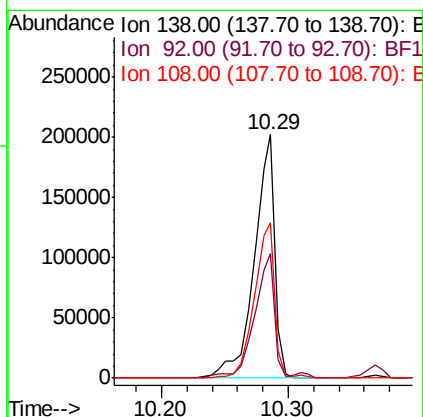
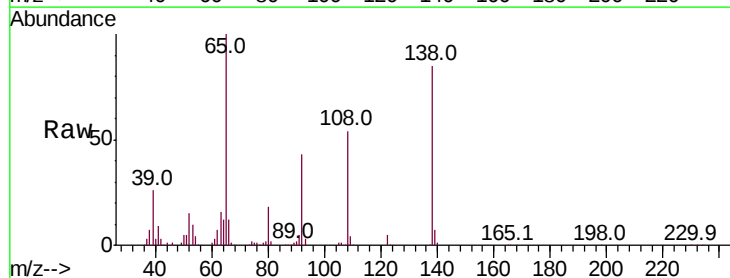
Instrument :
 BNA_F
 ClientSampleId :
 PB128439BS

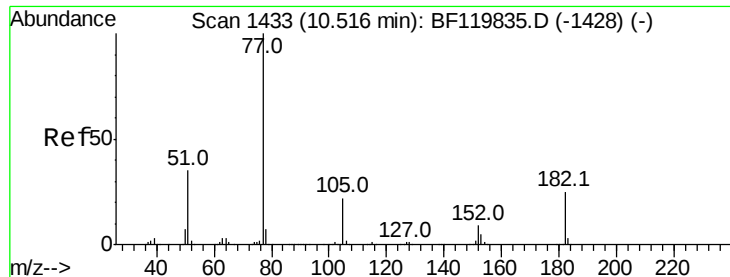
Tot Ion:204 Resp: 435111
 Ion Ratio Lower Upper
 204 100
 206 32.0 26.7 40.1
 141 61.5 47.3 70.9



#62
 4-Nitroaniline
 Concen: 42.724 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Tgt Ion:138 Resp: 229709
 Ion Ratio Lower Upper
 138 100
 92 51.3 31.5 71.5
 108 63.7 45.8 85.8





#63

Azobenzene

Concen: 44.175 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

ClientSampleId :

PB128439BS

Tot Ion: 77 Resp: 925582

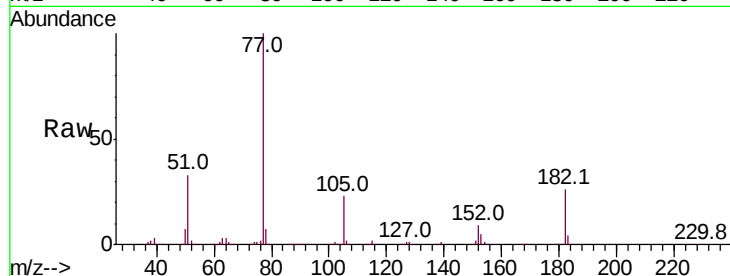
Ion Ratio Lower Upper

77 100

182 26.1 4.4 44.4

105 22.6 2.6 42.6

51 33.2 15.1 55.1

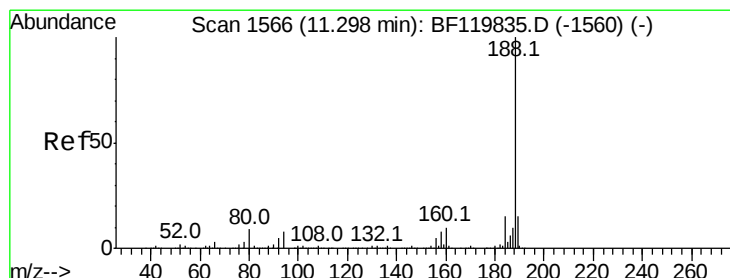
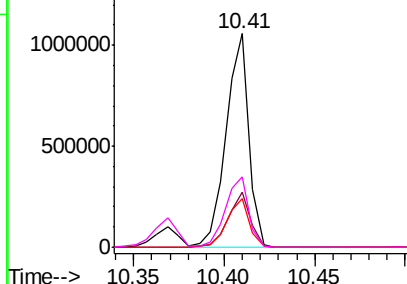
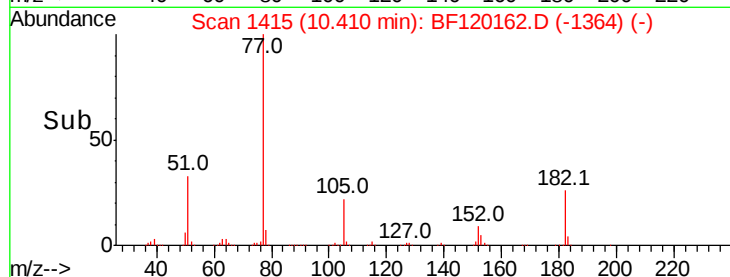


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.19 min Scan# 1547

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

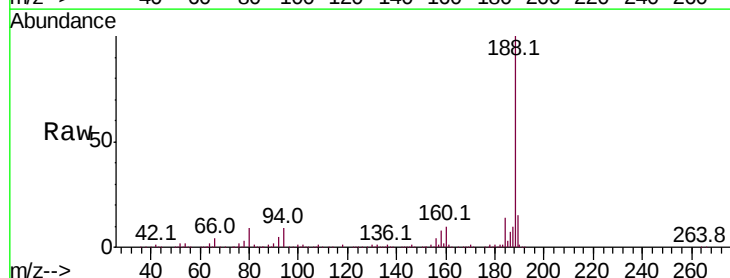
Tgt Ion: 188 Resp: 559832

Ion Ratio Lower Upper

188 100

94 8.5 7.5 11.3

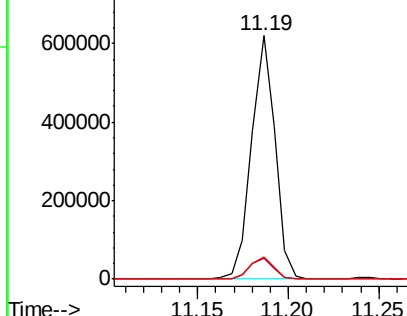
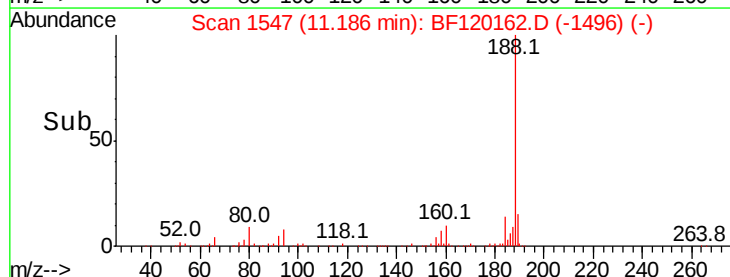
80 8.9 9.0 13.4#

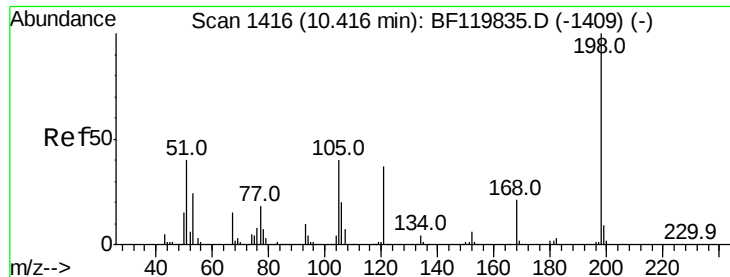


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

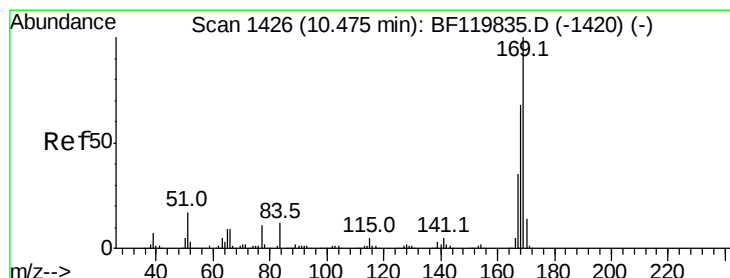
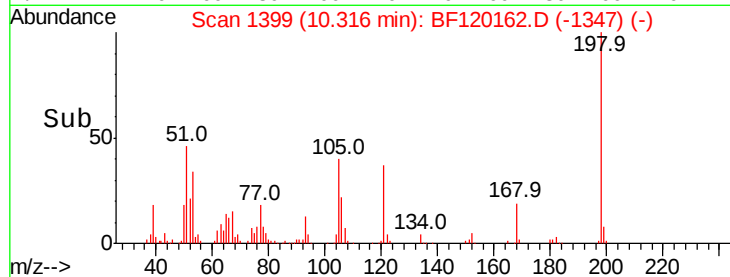
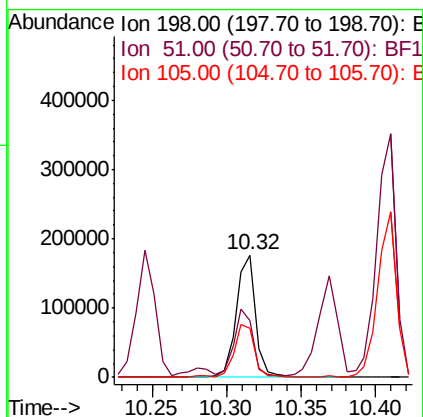
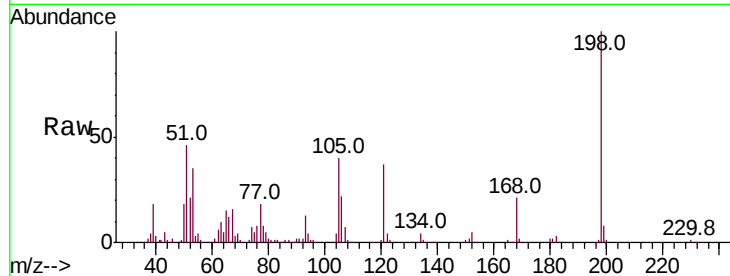




#65
4,6-Dinitro-2-methylphenol
Concen: 44.142 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

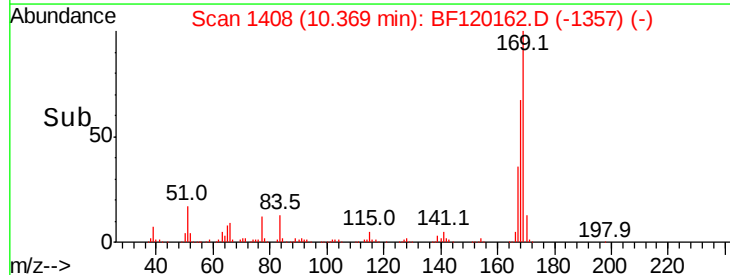
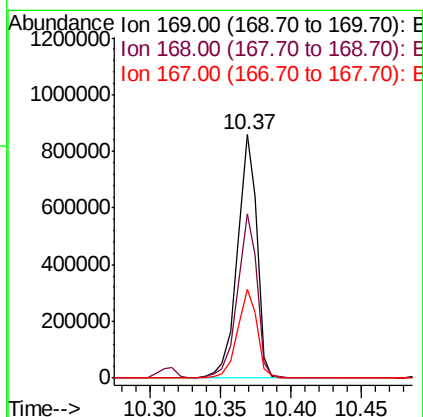
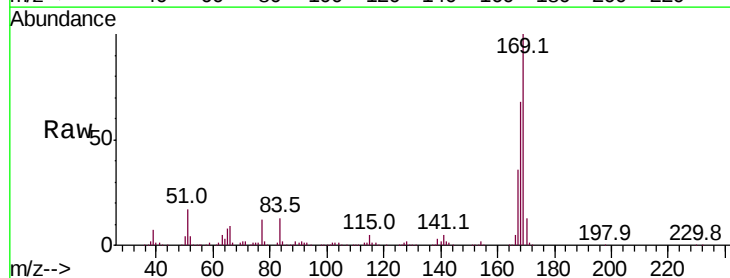
Instrument :
BNA_F
ClientSampleId :
PB128439BS

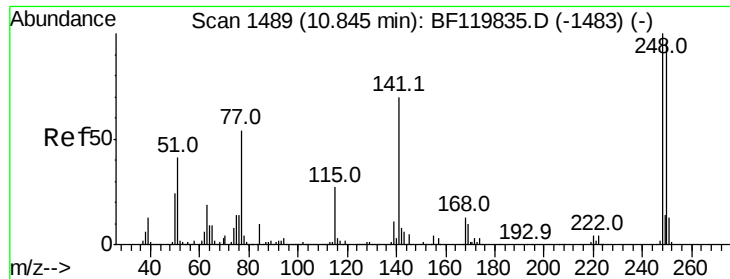
Tot Ion:198 Resp: 162807
Ion Ratio Lower Upper
198 100
51 46.0 29.0 69.0
105 39.9 22.2 62.2



#66
n-Nitrosodiphenylamine
Concen: 43.893 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion:169 Resp: 817224
Ion Ratio Lower Upper
169 100
168 67.6 53.2 79.8
167 36.5 29.1 43.7

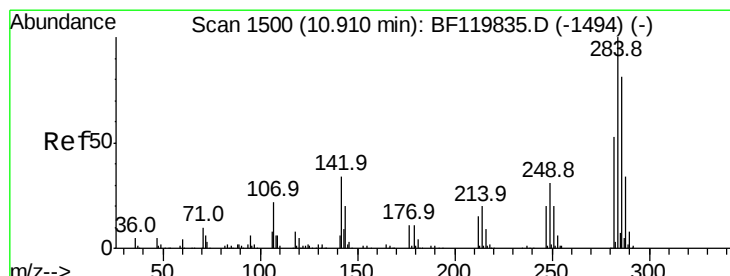
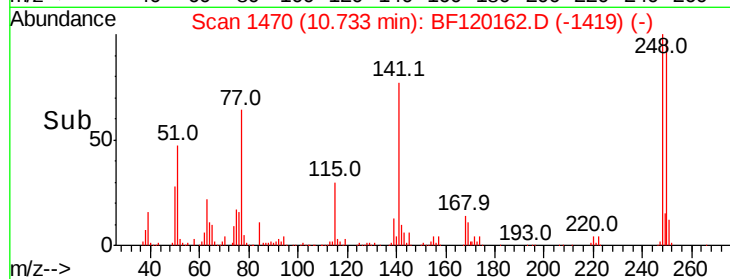
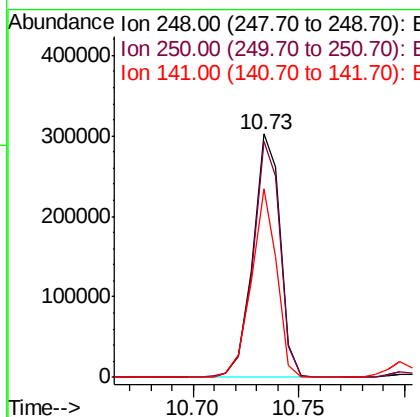
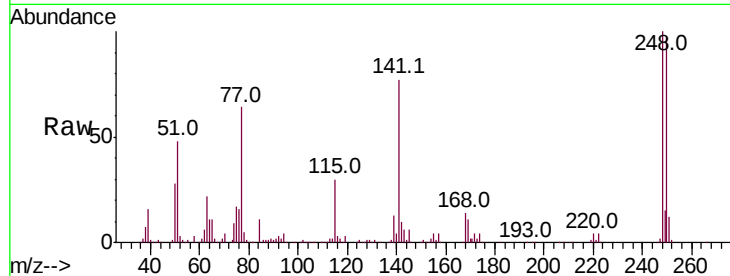




#67
 4-Bromophenyl-phenylether
 Concen: 39.023 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

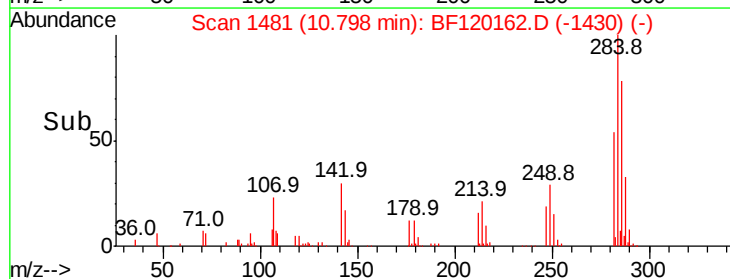
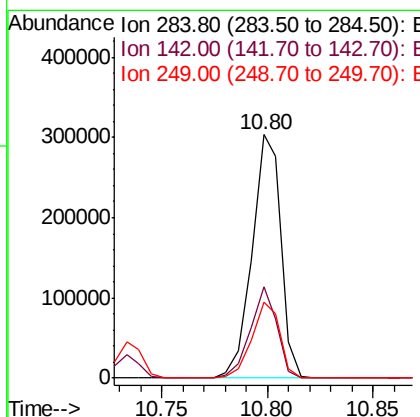
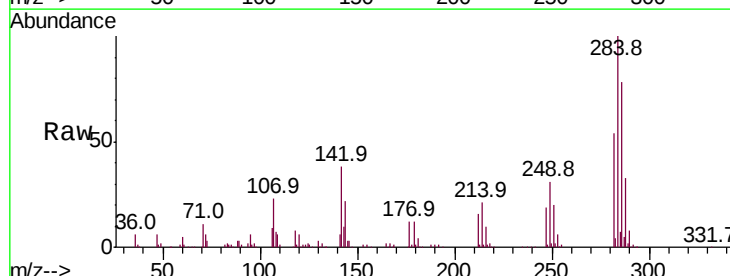
Instrument :
 BNA_F
 ClientSampleId :
 PB128439BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.3	115.9
141	77.3	58.6	87.8



#68
 Hexachlorobenzene
 Concen: 40.866 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.6	29.2	43.8
249	31.3	25.1	37.7





#69

Atrazine

Concen: 48.279 ng

RT: 10.90 min Scan# 1499

Delta R.T. 0.01 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

ClientSampleId :

PB128439BS

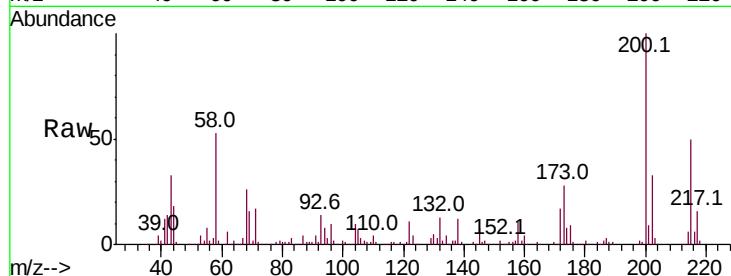
Tot Ion:200 Resp: 250098

Ion Ratio Lower Upper

200 100

173 28.0 9.3 49.3

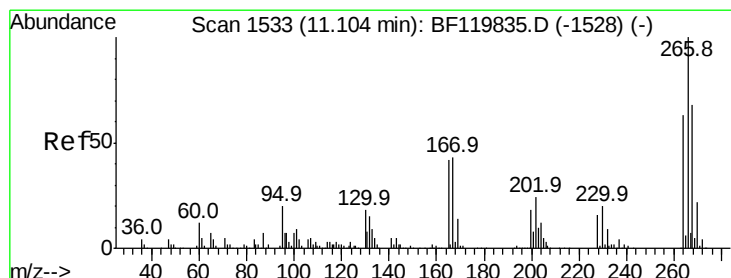
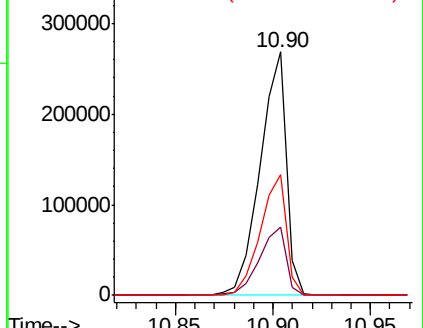
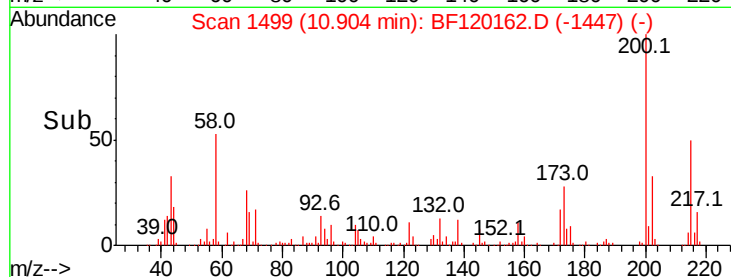
215 49.8 29.5 69.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 69.948 ng

RT: 11.00 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

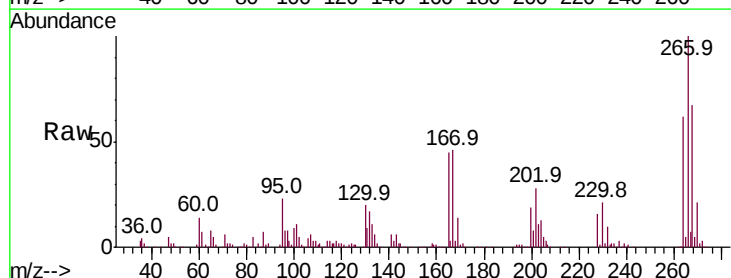
Tgt Ion:266 Resp: 284698

Ion Ratio Lower Upper

266 100

268 67.3 53.3 79.9

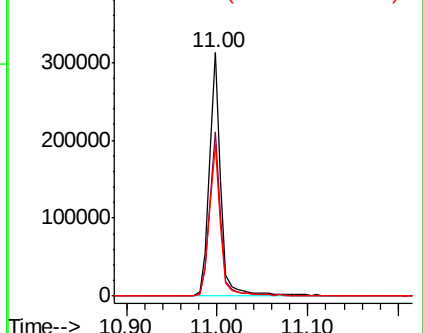
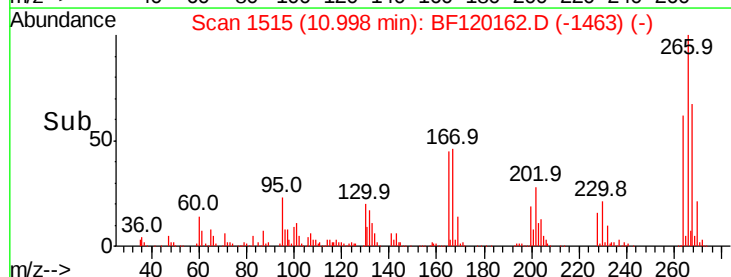
264 62.1 49.0 73.4

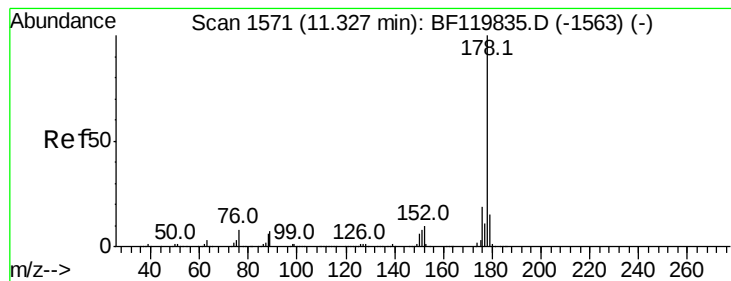


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.352 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

ClientSampleId :

PB128439BS

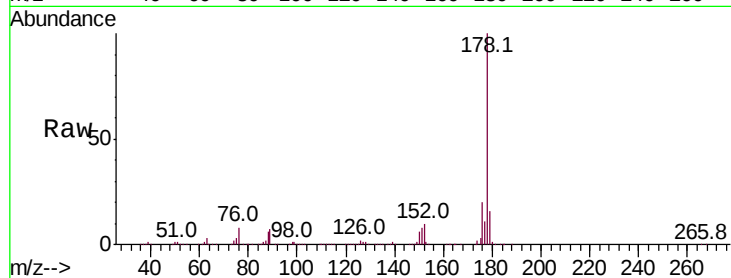
Tot Ion:178 Resp: 1291675

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.4

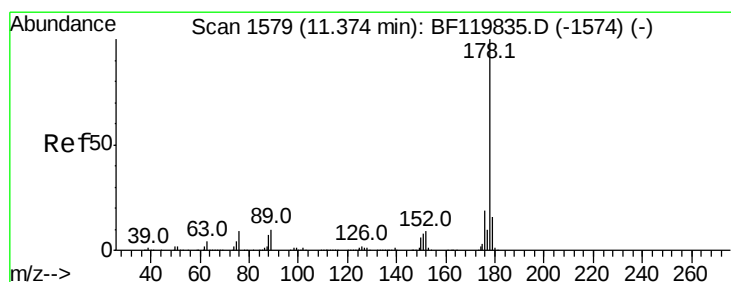
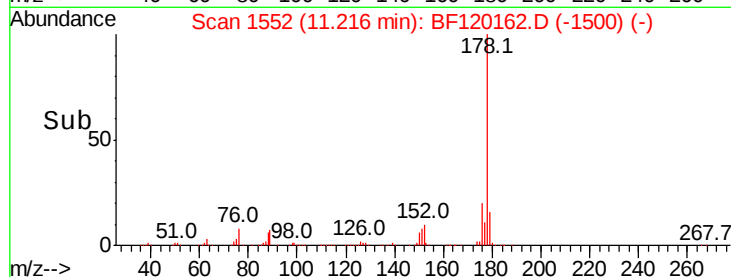
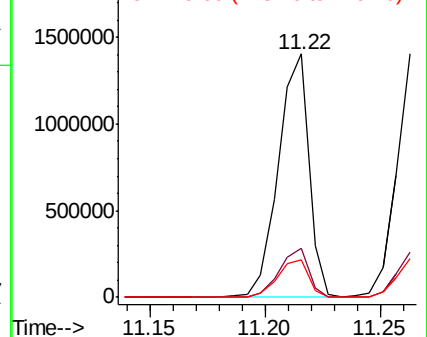
179 15.6 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.726 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

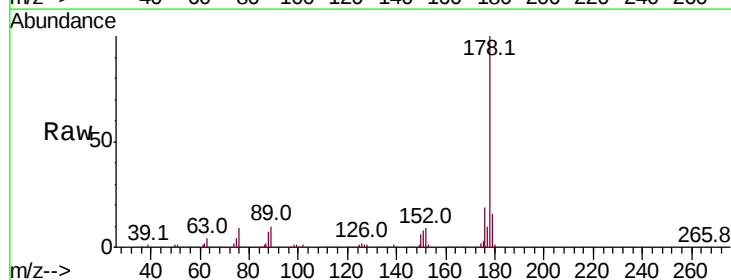
Tgt Ion:178 Resp: 1361332

Ion Ratio Lower Upper

178 100

176 18.5 16.1 24.1

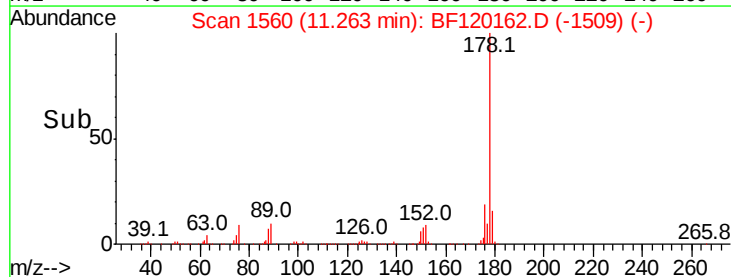
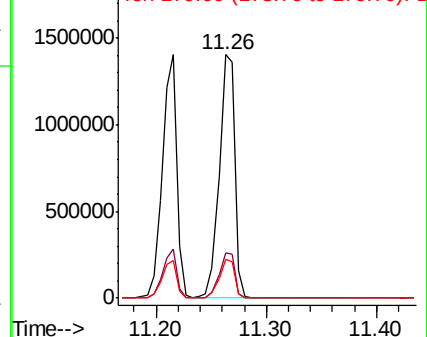
179 15.8 13.0 19.4

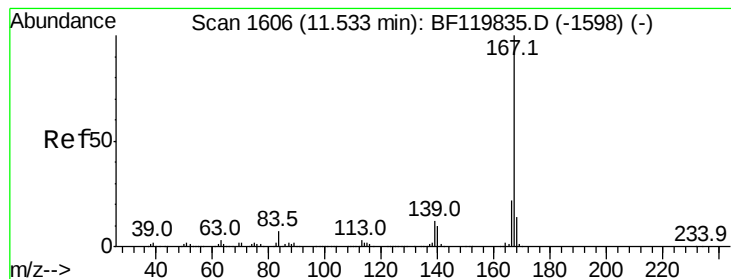


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.104 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

ClientSampleId :

PB128439BS

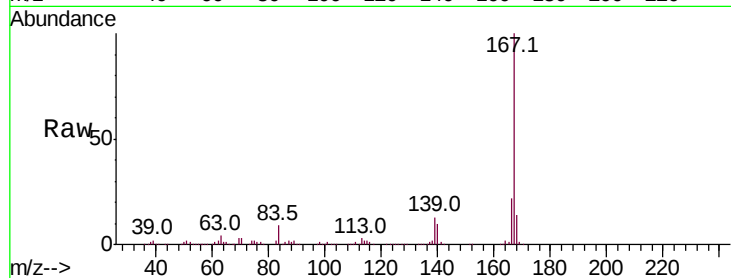
Tot Ion:167 Resp: 1211916

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.4

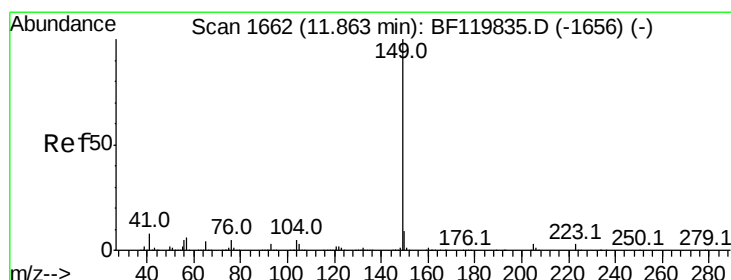
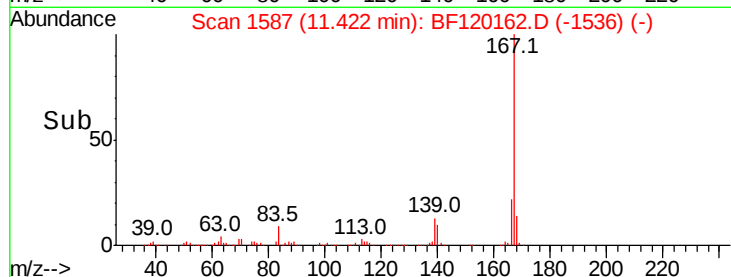
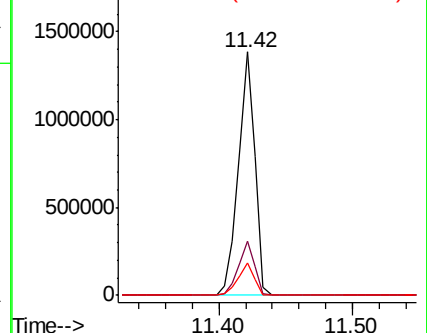
139 13.1 10.7 16.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.323 ng

RT: 11.76 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

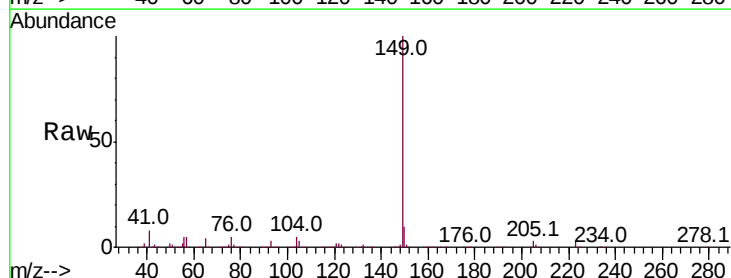
Tgt Ion:149 Resp: 1563631

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.8

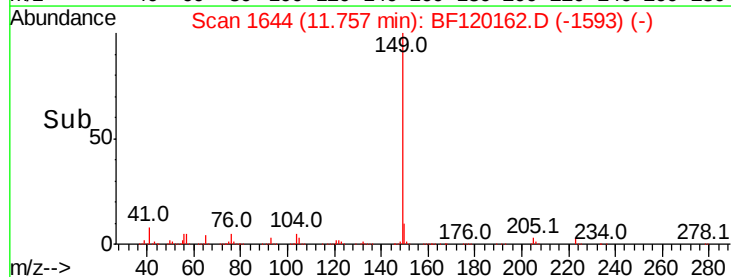
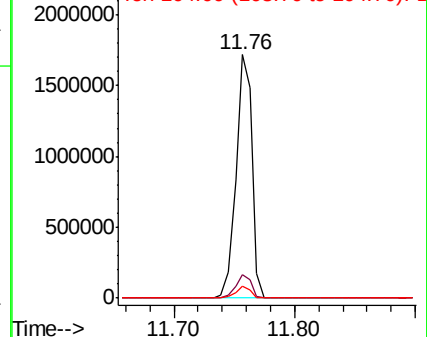
104 4.8 3.6 5.4

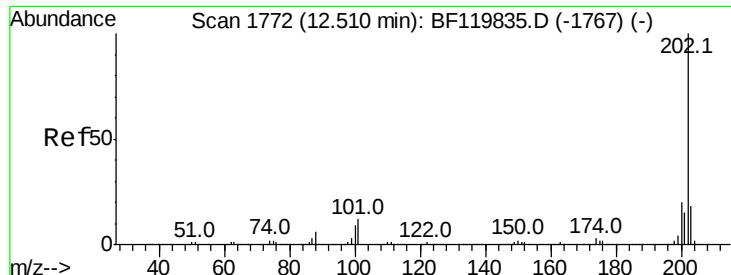


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

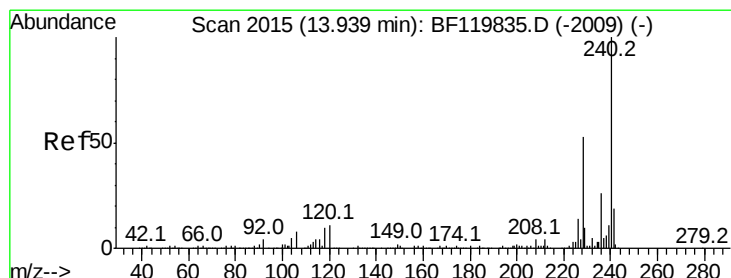
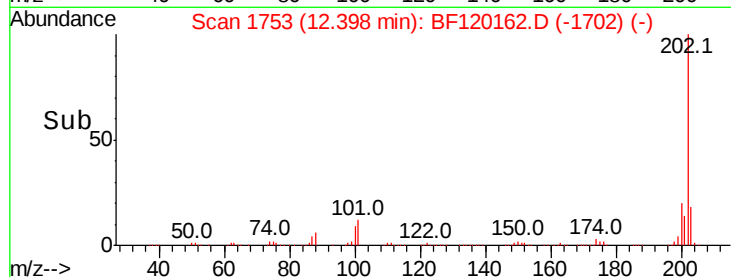
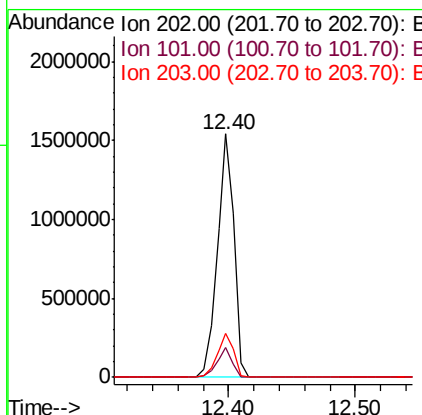
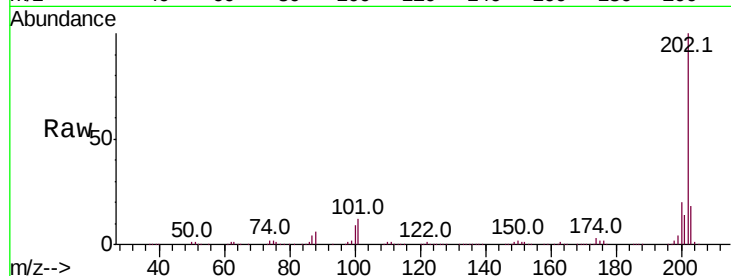




#75
 Fluoranthene
 Concen: 43.999 ng
 RT: 12.40 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

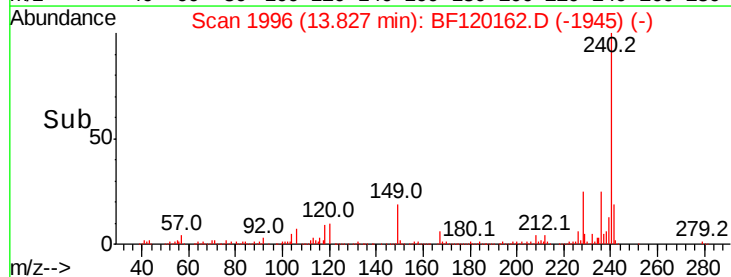
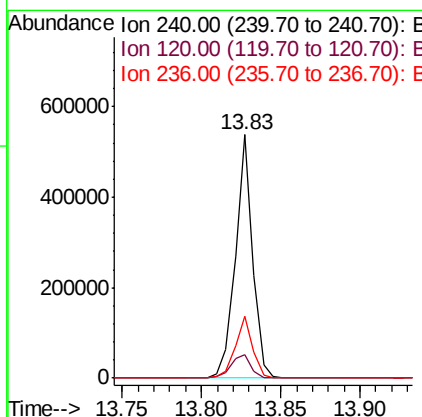
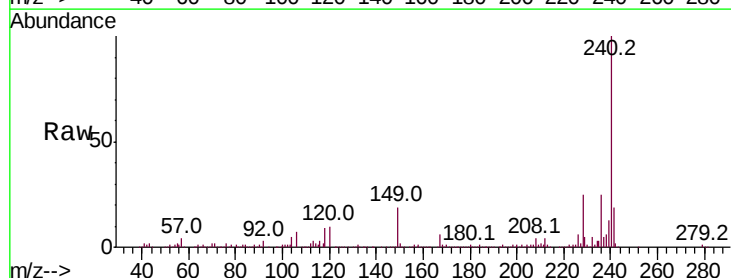
Instrument :
 BNA_F
 ClientSampleId :
 PB128439BS

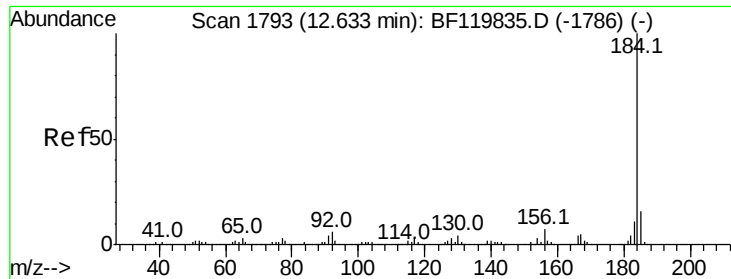
Tot Ion:202 Resp: 1414497
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 32.2
 203 18.2 0.0 38.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Tgt Ion:240 Resp: 404009
 Ion Ratio Lower Upper
 240 100
 120 9.9 10.6 15.8#
 236 25.3 20.2 30.2





#77

Benzidine

Concen: 57.857 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.01 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

ClientSampleId :

PB128439BS

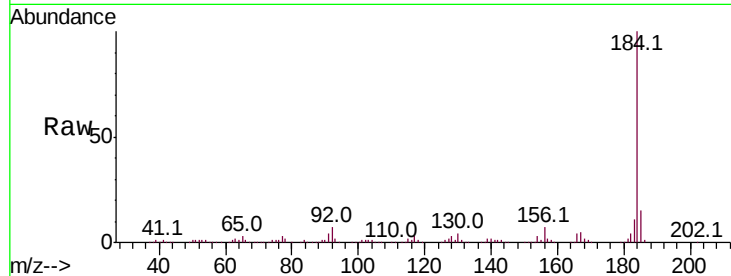
Tot Ion:184 Resp: 790127

Ion Ratio Lower Upper

184 100

185 14.9 12.3 18.5

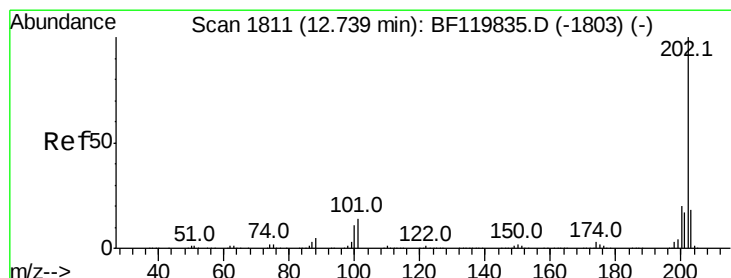
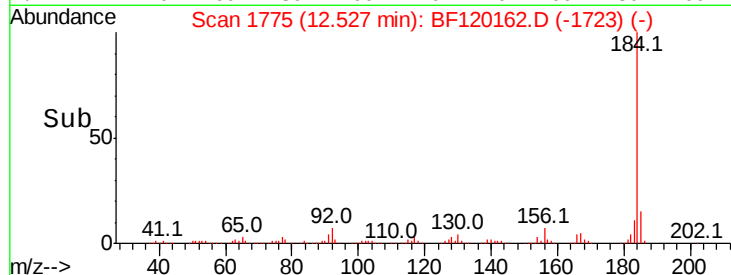
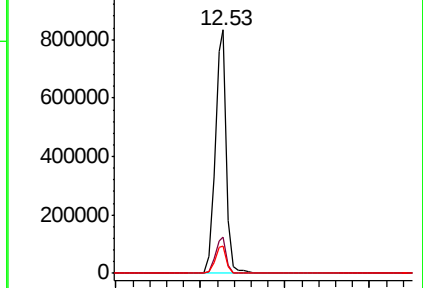
183 11.2 9.0 13.6



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: 41.454 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

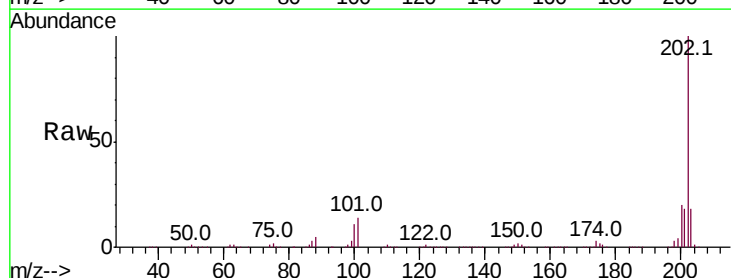
Tgt Ion:202 Resp: 1411866

Ion Ratio Lower Upper

202 100

200 20.5 16.8 25.2

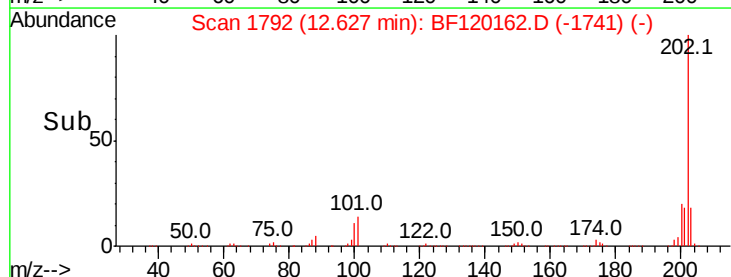
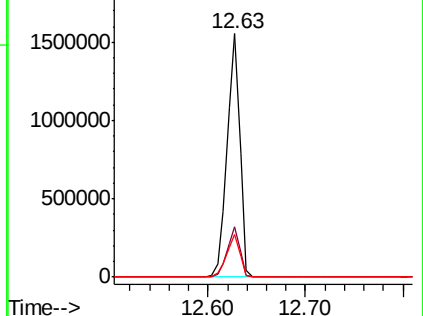
203 17.7 15.1 22.7

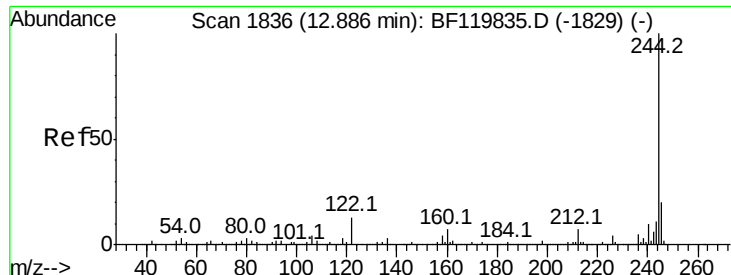


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.367 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

ClientSampleId :

PB128439BS

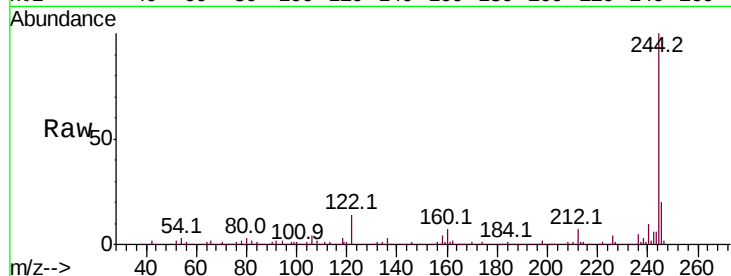
Tot Ion:244 Resp: 1857602

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

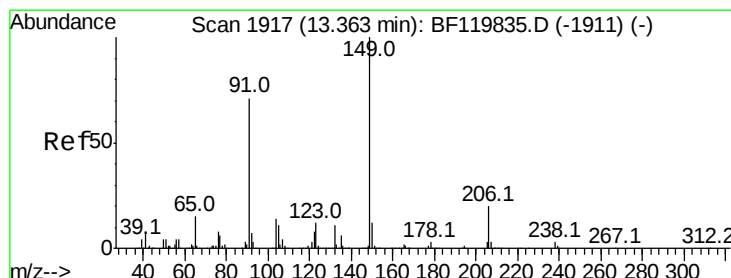
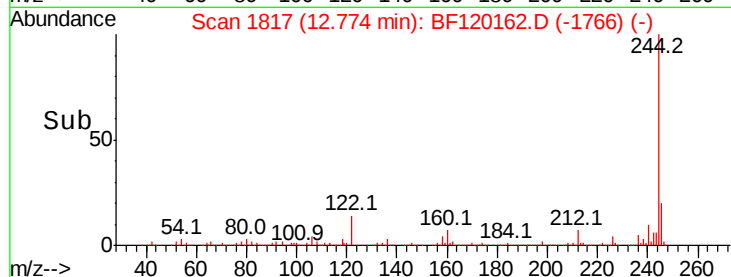
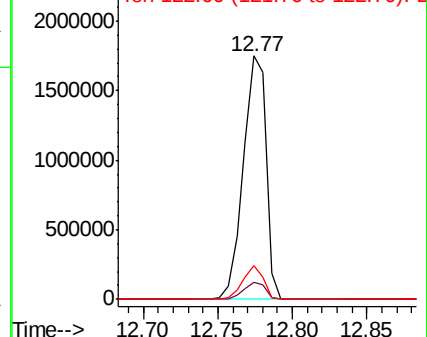
122 13.7 10.3 15.5



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: 39.836 ng

RT: 13.26 min Scan# 1899

Delta R.T. 0.01 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

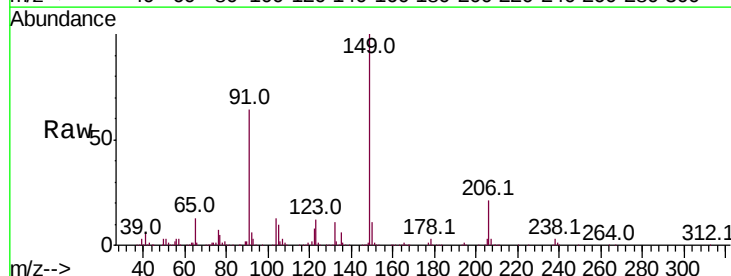
Tgt Ion:149 Resp: 658355

Ion Ratio Lower Upper

149 100

91 64.0 54.7 82.1

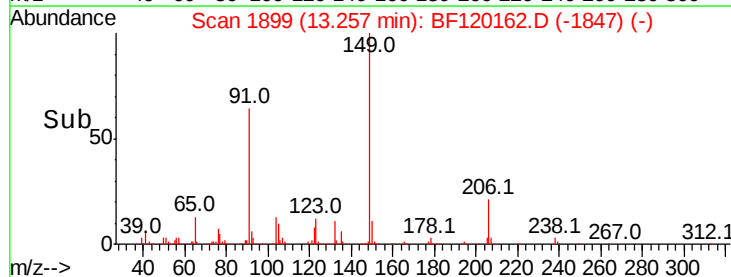
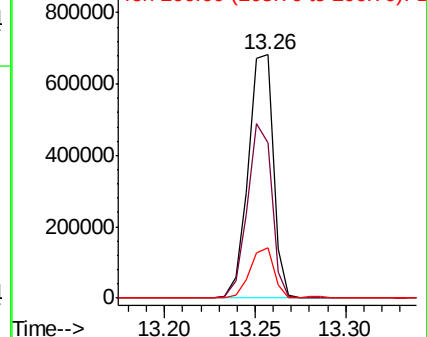
206 20.6 16.2 24.2



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

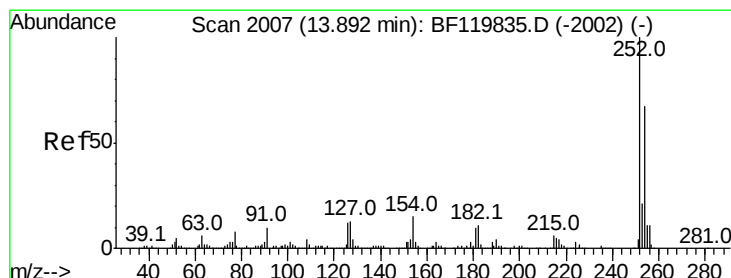
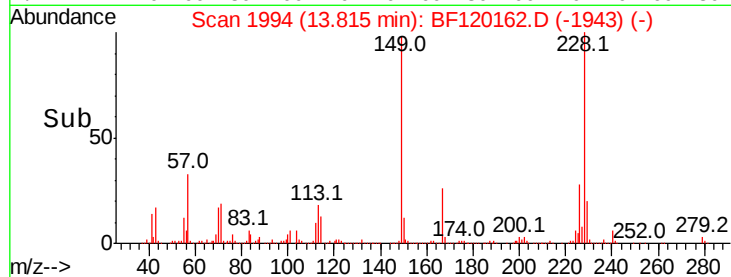
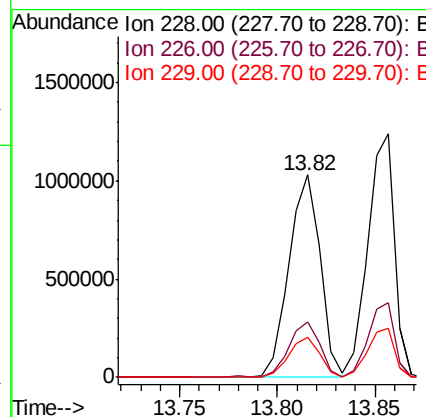
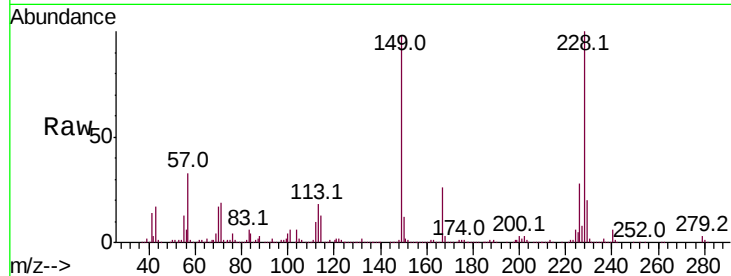




#81
Benzo(a)anthracene
Concen: 42.910 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

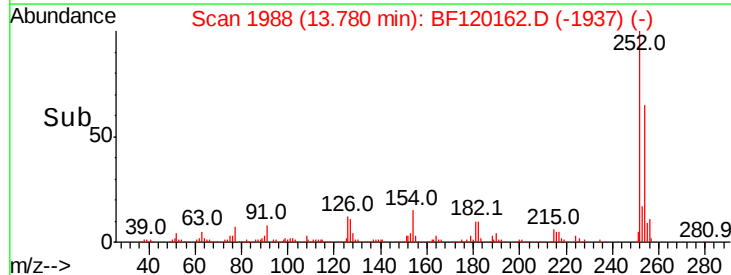
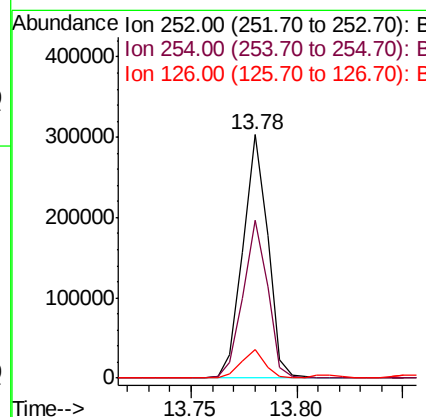
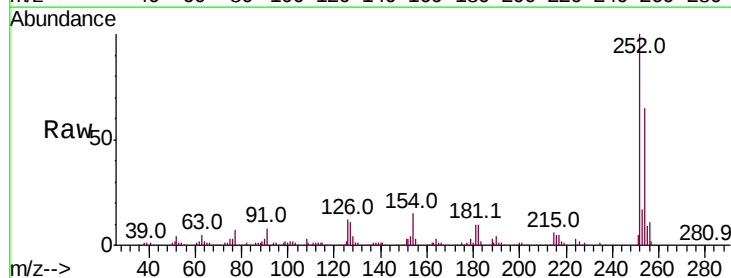
Instrument :
BNA_F
ClientSampleId :
PB128439BS

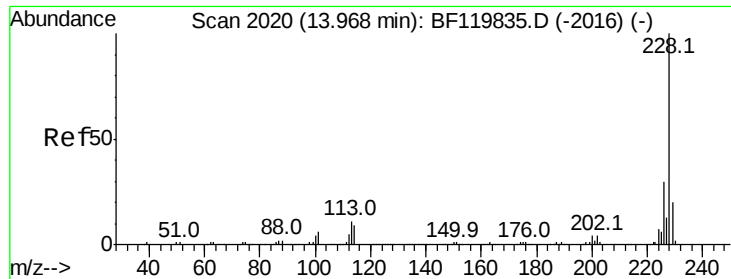
Tot Ion:228 Resp: 1140471
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 19.8 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 24.829 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion:252 Resp: 246233
Ion Ratio Lower Upper
252 100
254 64.8 51.2 76.8
126 11.7 9.6 14.4

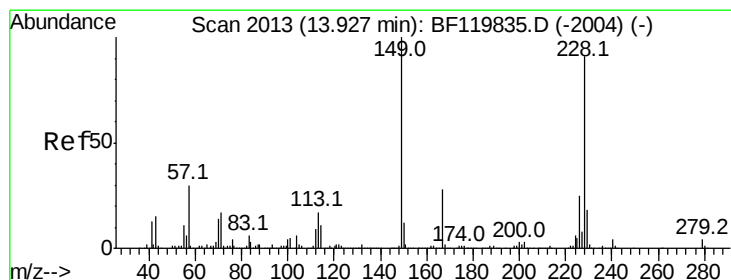
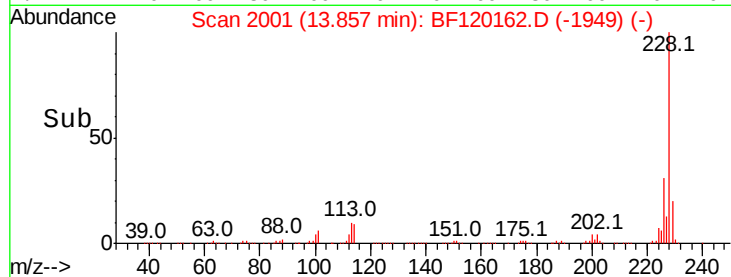
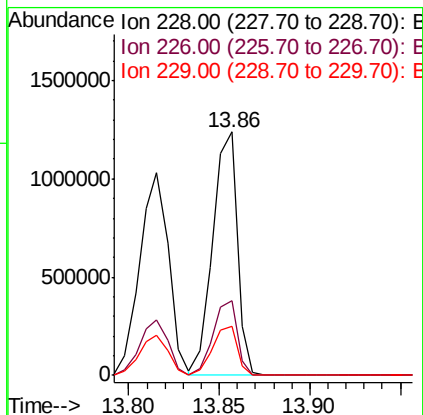
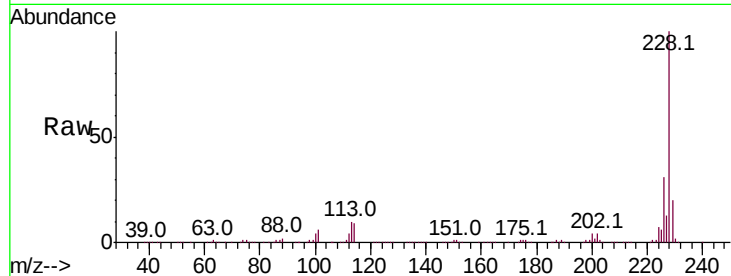




#83
Chrysene
Concen: 43.174 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

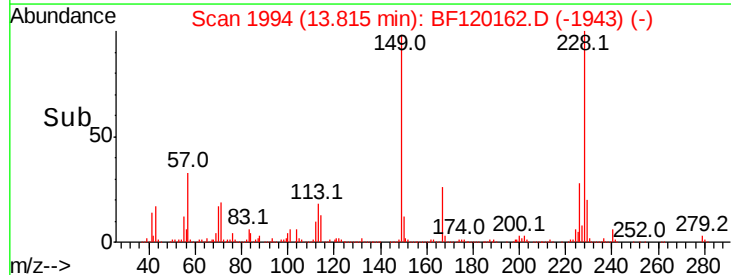
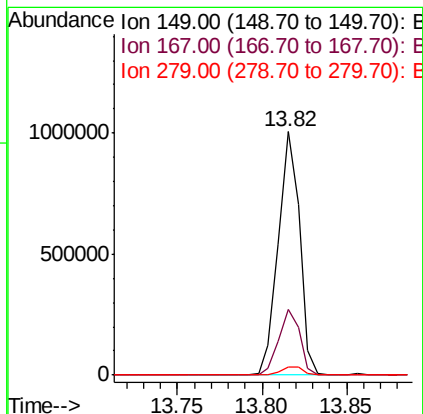
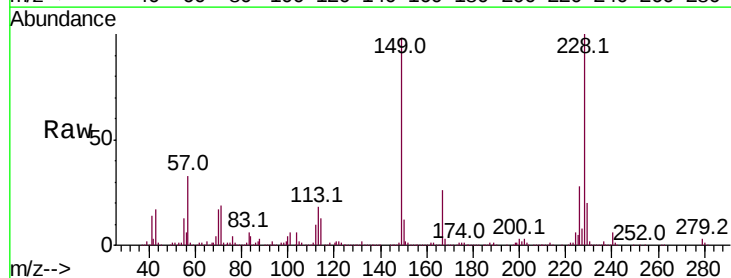
Instrument :
BNA_F
ClientSampleId :
PB128439BS

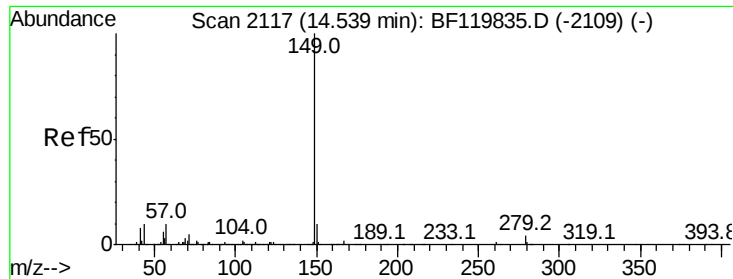
Tot Ion:228 Resp: 1165948
Ion Ratio Lower Upper
228 100
226 30.6 25.4 38.0
229 20.0 16.6 24.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.342 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion:149 Resp: 880475
Ion Ratio Lower Upper
149 100
167 27.0 21.3 31.9
279 3.2 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 41.300 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

ClientSampleId :

PB128439BS

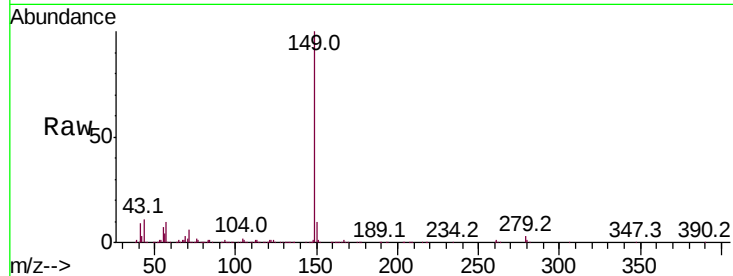
Tot Ion:149 Resp: 1573787

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

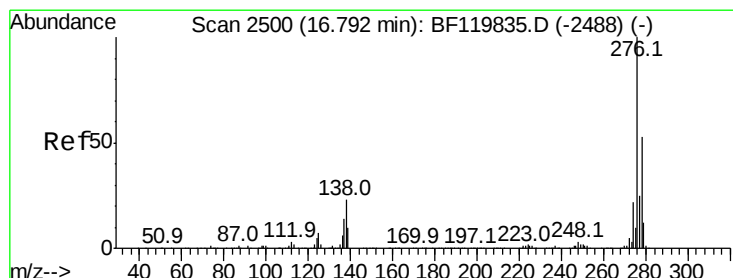
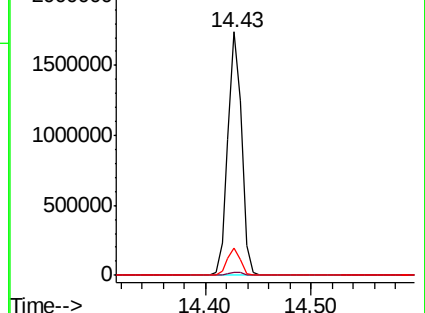
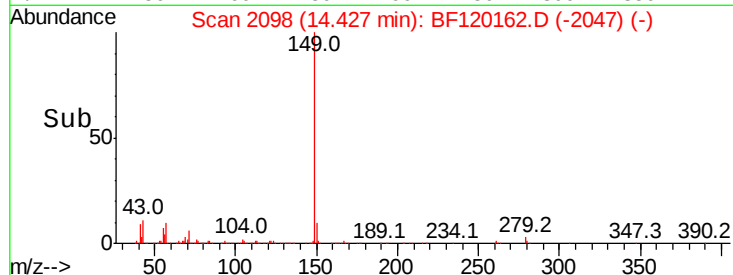
43 10.8 9.3 13.9



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

Indeno(1,2,3-cd)pyrene

Concen: 42.112 ng

RT: 16.58 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

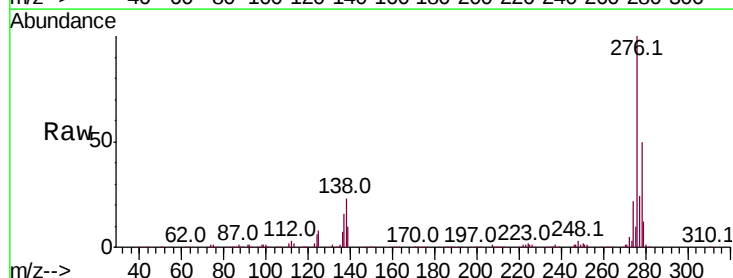
Tgt Ion:276 Resp: 1002487

Ion Ratio Lower Upper

276 100

138 24.9 19.6 29.4

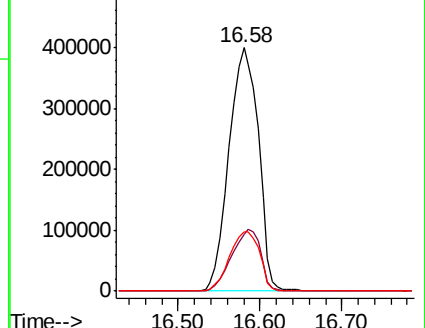
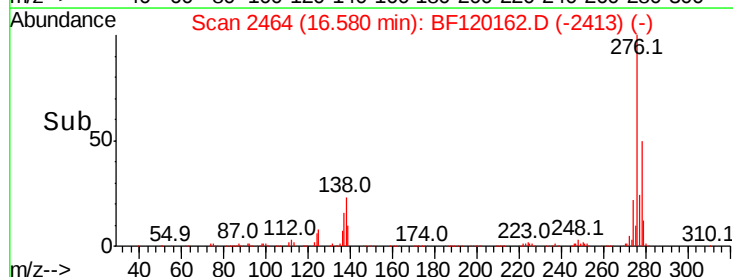
277 25.1 20.0 30.0

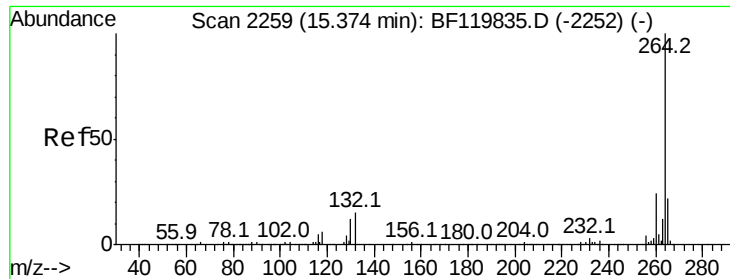


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

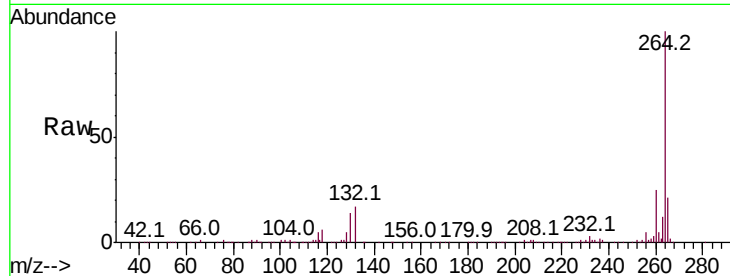




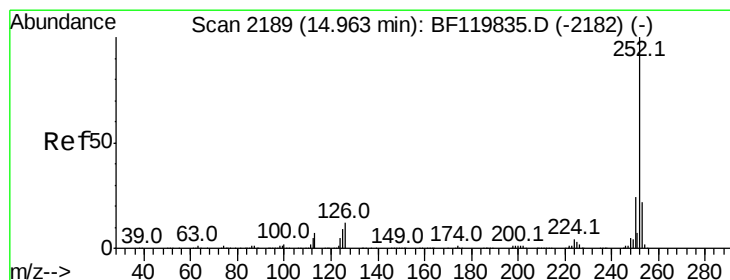
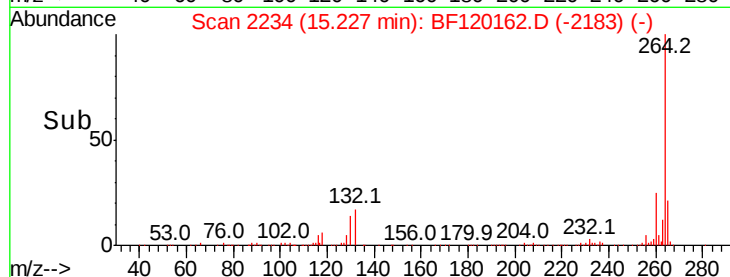
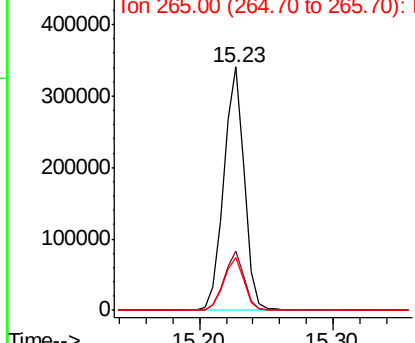
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

Tot Ion:264 Resp: 370356
Ion Ratio Lower Upper
264 100
260 24.6 18.7 28.1
265 21.5 17.7 26.5

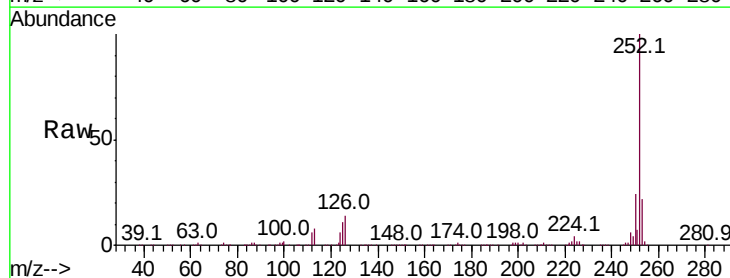


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

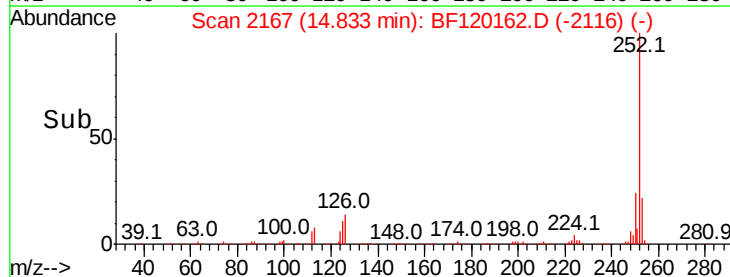
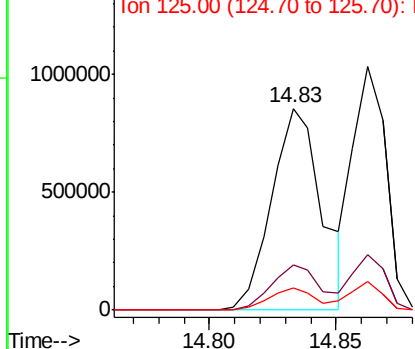


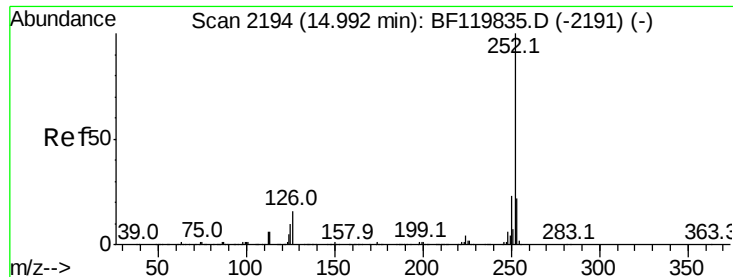
#88
Benzo(b)fluoranthene
Concen: 44.256 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion:252 Resp: 1179086
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 11.2 7.9 11.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

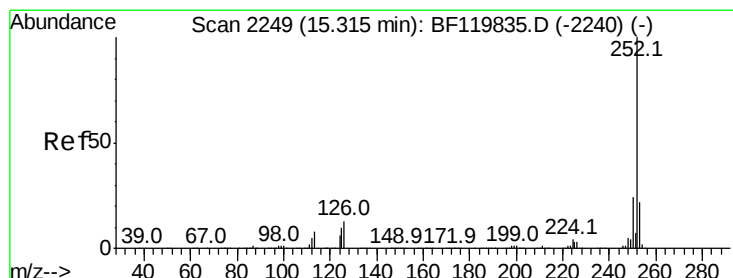
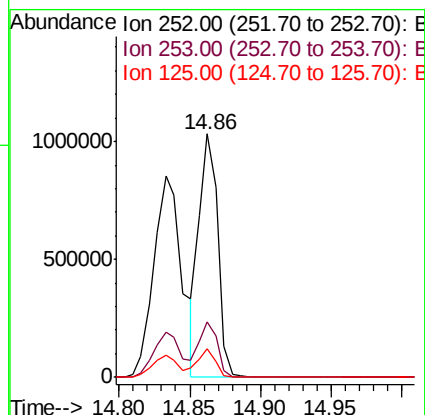
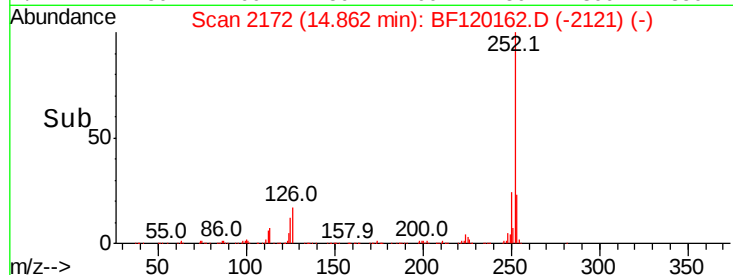
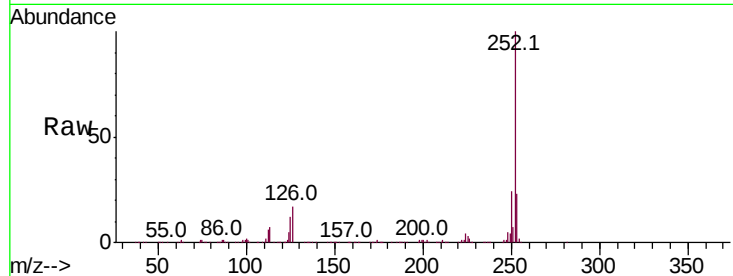




#89
Benzo(k)fluoranthene
Concen: 41.207 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

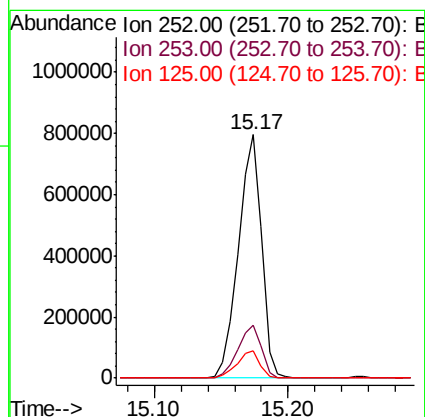
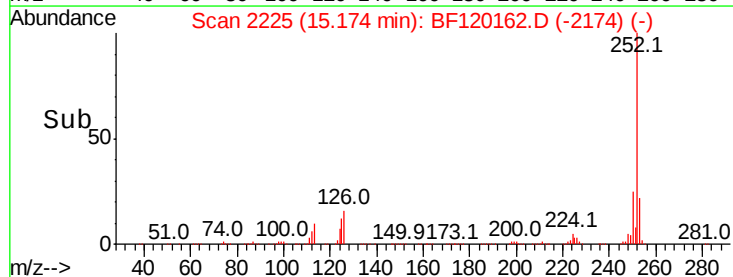
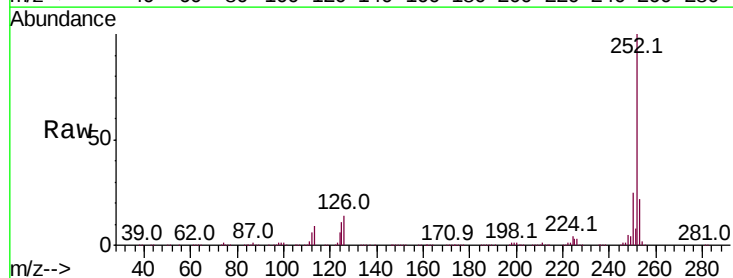
Instrument :
BNA_F
ClientSampleId :
PB128439BS

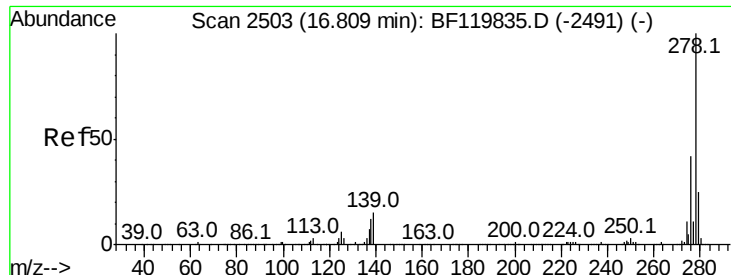
Tot Ion:252 Resp: 947244
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 11.8 8.4 12.6



#90
Benzo(a)pyrene
Concen: 43.037 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion:252 Resp: 964074
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 11.1 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 41.874 ng

RT: 16.60 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

ClientSampleId :

PB128439BS

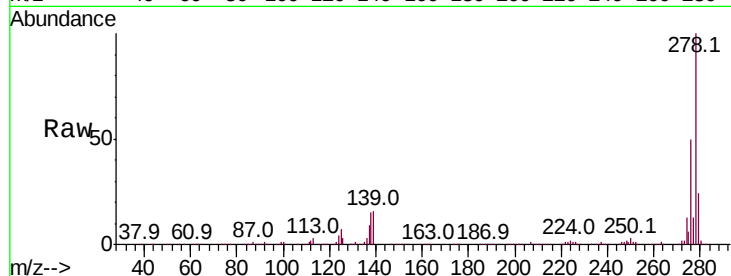
Tot Ion:278 Resp: 830890

Ion Ratio Lower Upper

278 100

139 16.3 12.6 19.0

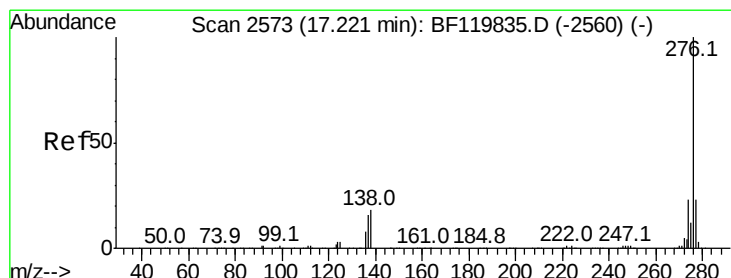
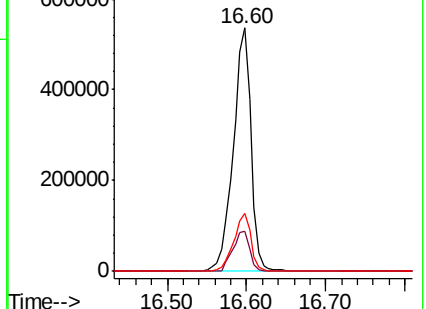
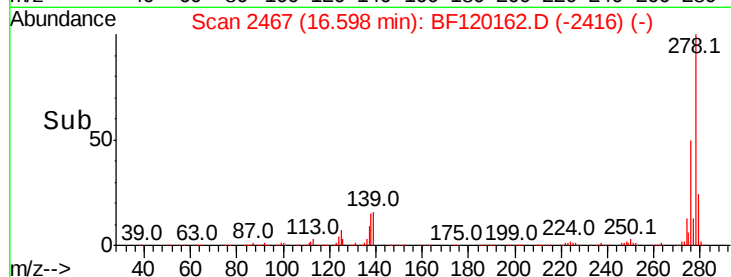
279 24.0 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.745 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

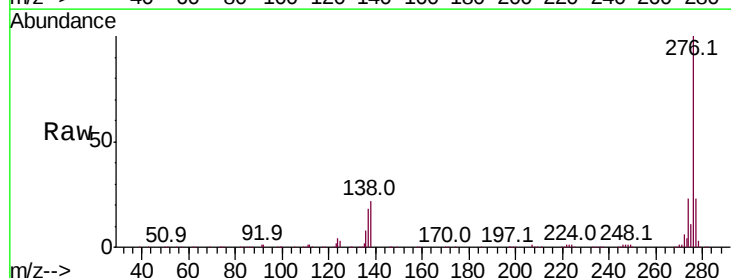
Tgt Ion:276 Resp: 798064

Ion Ratio Lower Upper

276 100

277 23.5 18.4 27.6

138 22.0 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

