

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
 Data File : BF120319.D
 Acq On : 15 May 2020 14:07
 Operator : MA/SJ
 Sample : PB128905BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128905BS

Quant Time: May 15 14:53:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 12:31:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	310699	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1287666	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	681670	20.00	ng	0.00
64) Phenanthrene-d10	11.13	188	1278642	20.00	ng	0.00
76) Chrysene-d12	13.77	240	870736	20.00	ng	0.00
87) Perylene-d12	15.16	264	802570	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	2376114	148.80	ng	0.02
7) Phenol-d6	6.28	99	2911606	144.18	ng	0.00
23) Nitrobenzene-d5	7.19	82	1925907	102.40	ng	0.00
42) 2,4,6-Tribromophenol	10.45	330	786454	141.50	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	3464007	104.40	ng	0.00
79) Terphenyl-d14	12.73	244	3727918	94.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	351897	55.398	ng	98
3) Pyridine	2.95	79	805113	40.321	ng	99
4) n-Nitrosodimethylamine	2.89	42	396624	50.728	ng	98
6) Aniline	6.28	93	1094015	42.362	ng	97
8) 2-Chlorophenol	6.40	128	960957	51.612	ng	99
9) Benzaldehyde	6.16	77	597147	47.969	ng	97
10) Phenol	6.29	94	1171039	49.677	ng	# 77
11) bis(2-Chloroethyl)ether	6.36	93	909545	48.303	ng	97
12) 1,3-Dichlorobenzene	6.55	146	929260	46.643	ng	99
13) 1,4-Dichlorobenzene	6.63	146	980911	47.804	ng	96
14) 1,2-Dichlorobenzene	6.79	146	883509	47.813	ng	97
15) Benzyl Alcohol	6.77	79	730406	50.913	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1426707	48.078	ng	68
17) 2-Methylphenol	6.89	107	761027	48.419	ng	95
18) Hexachloroethane	7.12	117	367352	46.994	ng	98
19) n-Nitroso-di-n-propylamine	7.04	70	650084	49.139	ng	95
20) 3+4-Methylphenols	7.05	107	991110	48.500	ng	97
22) Acetophenone	7.03	105	1309220	49.631	ng	98
24) Nitrobenzene	7.20	77	1001134	49.462	ng	97
25) Isophorone	7.45	82	1906722	48.725	ng	99
26) 2-Nitrophenol	7.52	139	546488	51.625	ng	92
27) 2,4-Dimethylphenol	7.57	122	843731	54.792	ng	95
28) bis(2-Chloroethoxy)methane	7.66	93	1230255	50.018	ng	99
29) 2,4-Dichlorophenol	7.77	162	791879	50.070	ng	98
30) 1,2,4-Trichlorobenzene	7.85	180	846081	48.276	ng	99
31) Naphthalene	7.92	128	2682669	49.363	ng	100
32) Benzoic acid	7.74	122	524621	51.976	ng	98
33) 4-Chloroaniline	7.98	127	946636	38.222	ng	99
34) Hexachlorobutadiene	8.04	225	458353	45.248	ng	96
35) Caprolactam	8.37	113	257300m	49.729	ng	
36) 4-Chloro-3-methylphenol	8.49	107	873557	51.059	ng	99
37) 2-Methylnaphthalene	8.62	142	1835064	49.343	ng	99
38) 1-Methylnaphthalene	8.72	142	1758064	48.740	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	816813	47.521	ng	99

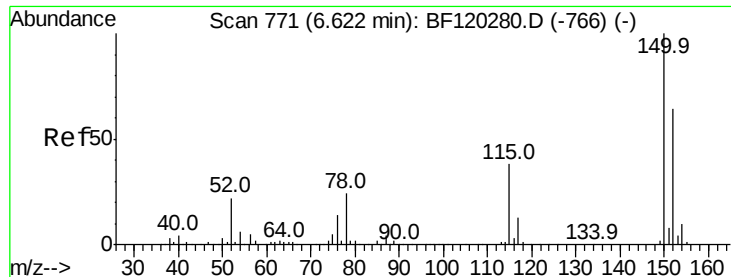
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	696706	96.748	nq	99
43) 2,4,6-Trichlorophenol	8.90	196	552574	47.893	nq	99
44) 2,4,5-Trichlorophenol	8.95	196	595194	44.920	nq	98
46) 1,1'-Biphenyl	9.08	154	2205765	49.386	nq	100
47) 2-Chloronaphthalene	9.10	162	1688774	47.137	nq	99
48) 2-Nitroaniline	9.21	65	626159	47.901	nq	98
49) Acenaphthylene	9.52	152	2653650	48.489	nq	100
50) Dimethylphthalate	9.39	163	2037854	47.292	nq	99
51) 2,6-Dinitrotoluene	9.46	165	457450	47.564	nq	87
52) Acenaphthene	9.69	154	1551913	47.309	nq	100
53) 3-Nitroaniline	9.62	138	374110	32.619	nq	99
54) 2,4-Dinitrophenol	9.74	184	425347	93.693	nq	91
55) Dibenzofuran	9.86	168	2283152	48.331	nq	100
56) 4-Nitrophenol	9.82	139	580070	94.127	nq	89
57) 2,4-Dinitrotoluene	9.86	165	556609	49.337	nq	96
58) Fluorene	10.20	166	1773340	49.292	nq	99
59) 2,3,4,6-Tetrachlorophenol	9.99	232	503103	50.454	nq	99
60) Diethylphthalate	10.09	149	2061453	49.552	nq	99
61) 4-Chlorophenyl-phenylether	10.20	204	870090	46.517	nq	94
62) 4-Nitroaniline	10.25	138	516222	48.336	nq	98
63) Azobenzene	10.36	77	1989220	50.593	nq	96
65) 4,6-Dinitro-2-methylphenol	10.27	198	325782	50.380	nq	92
66) n-Nitrosodiphenylamine	10.32	169	1707967	48.282	nq	99
67) 4-Bromophenyl-phenylether	10.69	248	549534	44.290	nq	96
68) Hexachlorobenzene	10.75	284	600869	46.290	nq	96
69) Atrazine	10.86	200	486462	45.958	nq	98
70) Pentachlorophenol	10.95	266	523845	94.887	nq	99
71) Phenanthrene	11.16	178	2596536	48.327	nq	99
72) Anthracene	11.22	178	2813907	48.922	nq	99
73) Carbazole	11.37	167	2602620	48.427	nq	99
74) Di-n-butylphthalate	11.71	149	3191581	49.276	nq	99
75) Fluoranthene	12.35	202	2898871	50.338	nq	99
77) Benzidine	12.48	184	2006495	78.912	nq	96
78) Pyrene	12.57	202	2936042	47.298	nq	99
80) Butylbenzylphthalate	13.20	149	1420480	48.596	nq	93
81) Benzo(a)anthracene	13.77	228	2195572	47.807	nq	99
82) 3,3'-Dichlorobenzidine	13.73	252	703992	40.677	nq	97
83) Chrysene	13.80	228	2337940	47.408	nq	99
84) Bis(2-ethylhexyl)phthalate	13.76	149	1702361	46.811	nq	99
85) Di-n-octyl phthalate	14.37	149	3208792	49.046	nq	99
86) Indeno(1,2,3-cd)pyrene	16.49	276	2018481	45.097	nq	100
88) Benzo(b)fluoranthene	14.77	252	2209349	50.407	nq	99
89) Benzo(k)fluoranthene	14.80	252	1923395	50.651	nq	99
90) Benzo(a)pyrene	15.11	252	1865551	47.460	nq	99
91) Dibenzo(a,h)anthracene	16.50	278	1682909	48.327	nq	100
92) Benzo(g,h,i)perylene	16.89	276	1727114	49.184	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF120319.D

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PB128905BS

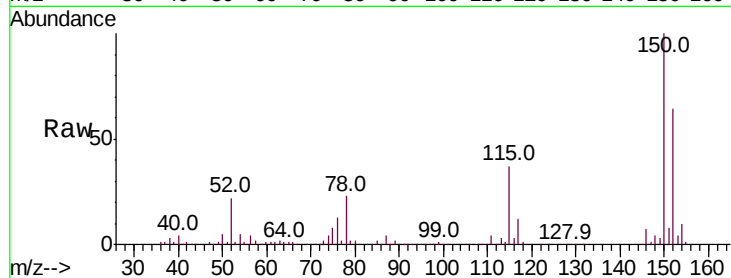
Tot Ion:152 Resp: 310699

Ion Ratio Lower Upper

152 100

150 157.4 126.2 189.2

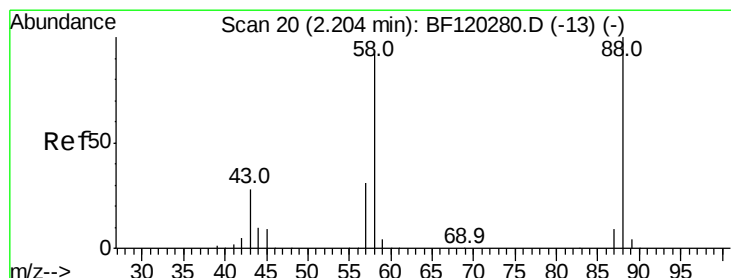
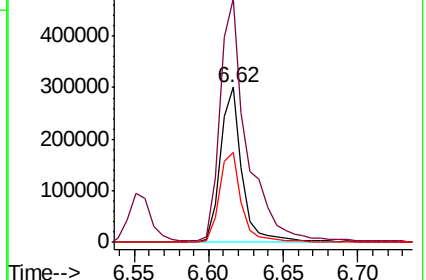
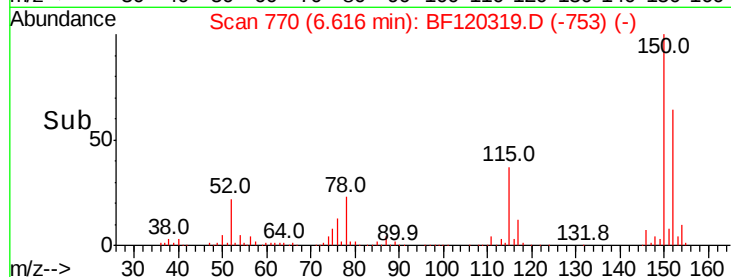
115 58.4 47.9 71.9



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: 55.398 ng

RT: 2.27 min Scan# 31

Delta R.T. 0.07 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

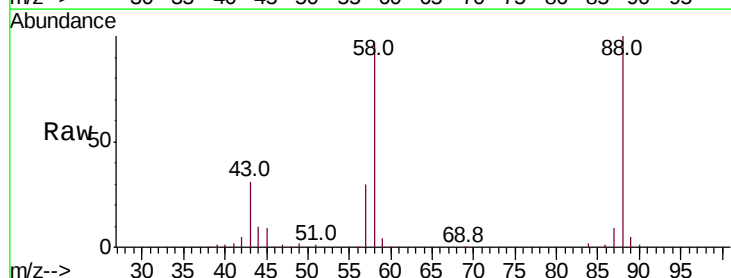
Tgt Ion: 88 Resp: 351897

Ion Ratio Lower Upper

88 100

58 93.6 75.8 113.6

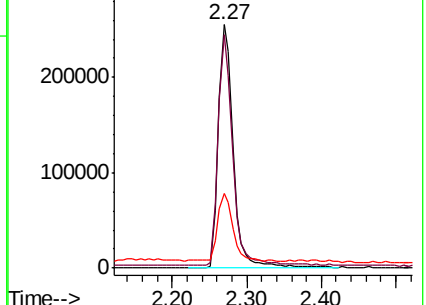
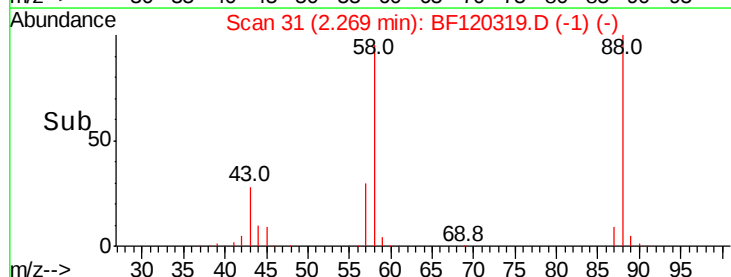
43 27.8 23.6 35.4

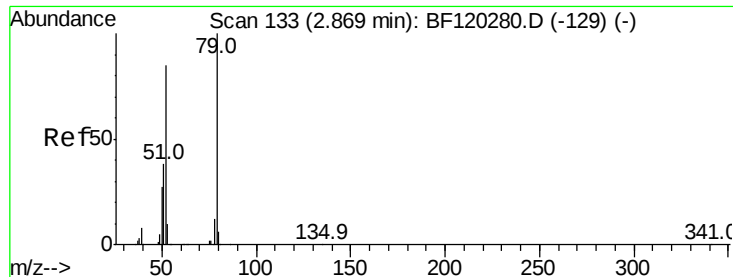


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.321 ng

RT: 2.95 min Scan# 146

Delta R.T. 0.08 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Instrument :

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ClientSampleId :

PB128905BS

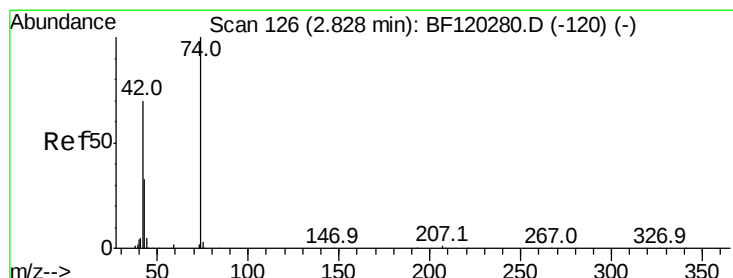
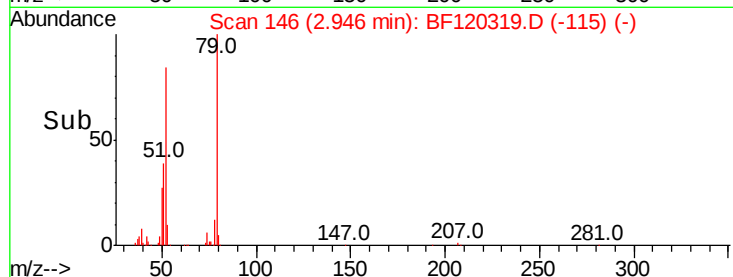
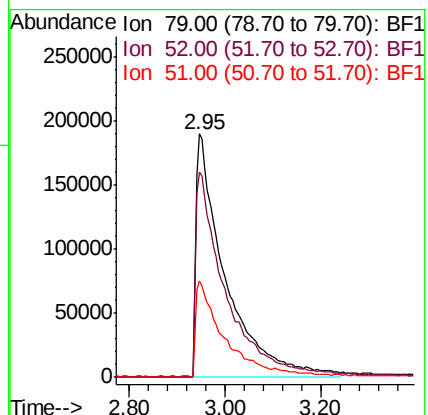
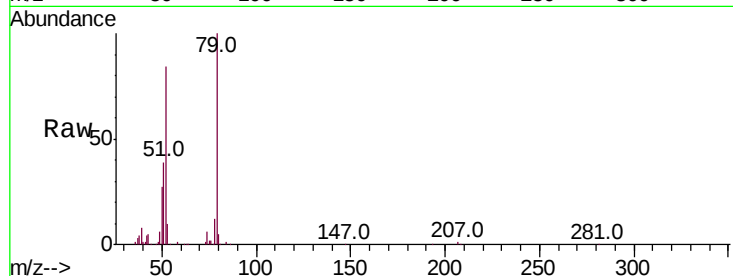
Tot Ion: 79 Resp: 805113

Ion Ratio Lower Upper

79 100

52 84.4 68.4 102.6

51 39.4 31.0 46.4



#4

n-Nitrosodimethylamine

Concen: 50.728 ng

RT: 2.89 min Scan# 137

Delta R.T. 0.07 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

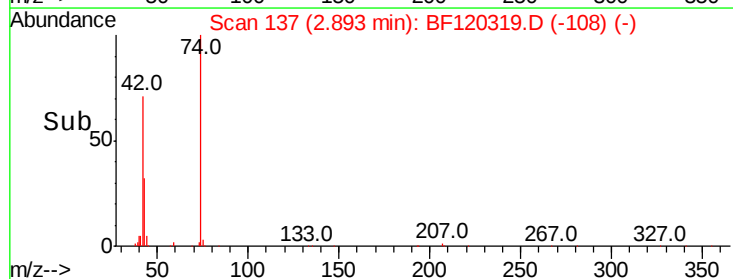
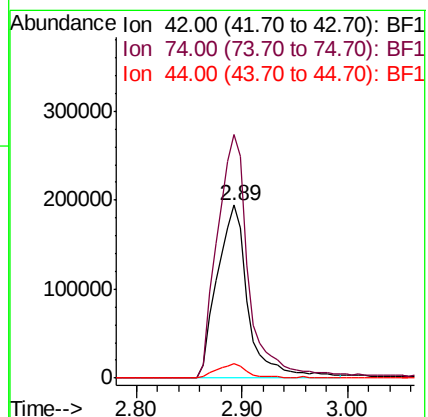
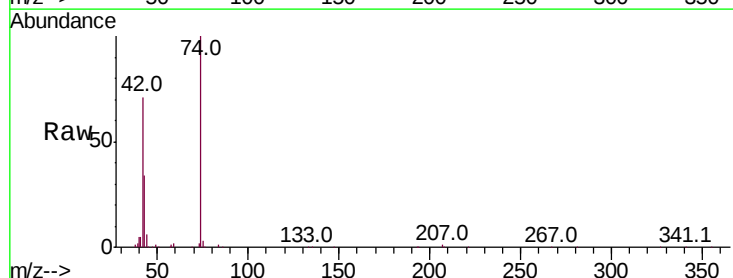
Tgt Ion: 42 Resp: 396624

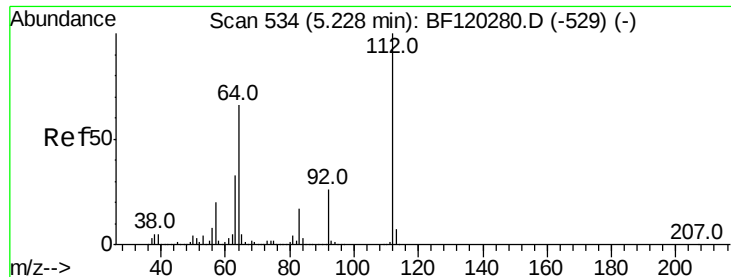
Ion Ratio Lower Upper

42 100

74 140.6 114.8 172.2

44 8.1 5.6 8.4





#5

2-Fluorophenol

Concen: 148.800 ng

RT: 5.24 min Scan# 536

Delta R.T. 0.02 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Instrument :

BNA_F

ClientSampleId :

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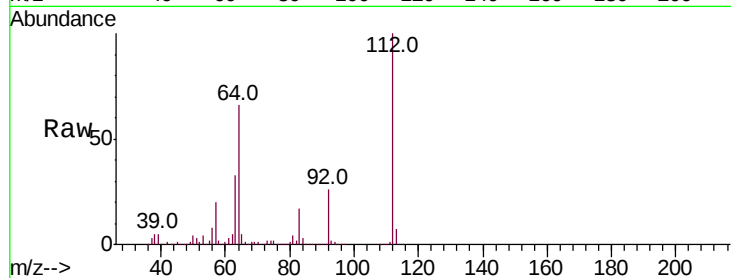
Tot Ion:112 Resp: 2376114

Ion Ratio Lower Upper

112 100

64 65.7 52.7 79.1

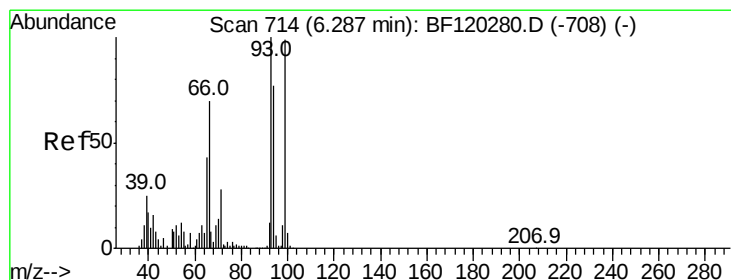
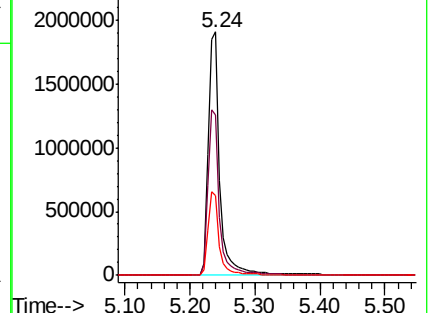
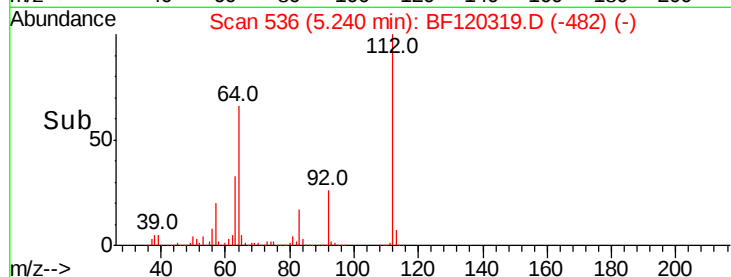
63 32.7 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 42.362 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

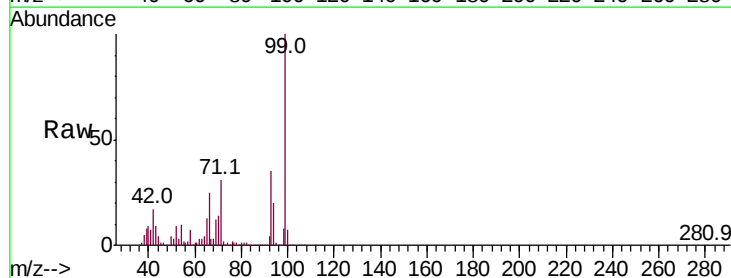
Tgt Ion: 93 Resp: 1094015

Ion Ratio Lower Upper

93 100

66 71.1 56.2 84.4

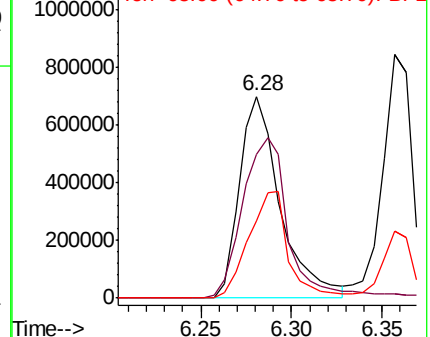
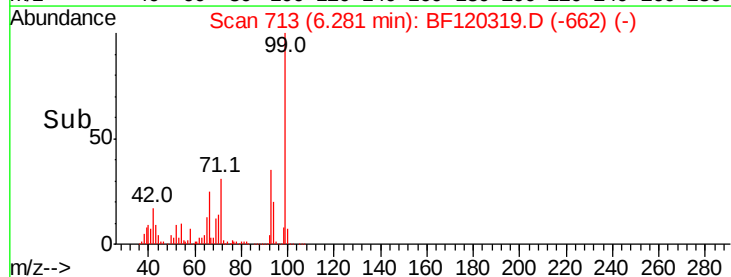
65 38.1 34.2 51.2

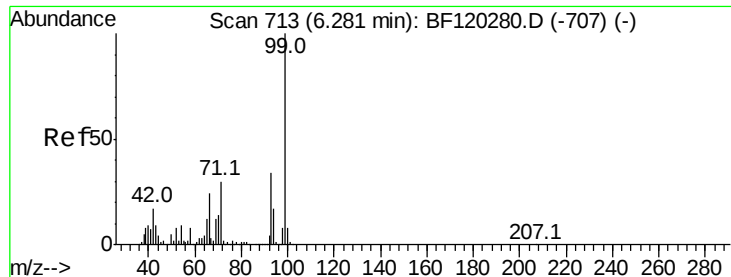


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 144.185 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Instrument :

BNA_F

ClientSampleId :

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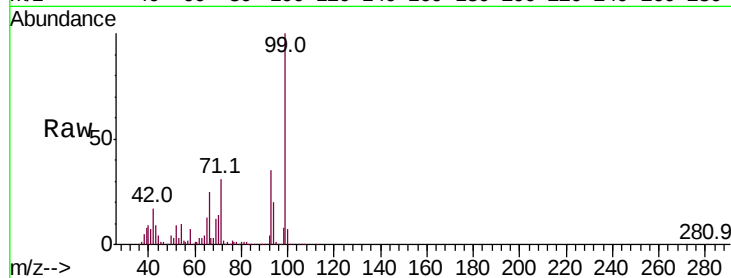
Tot Ion: 99 Resp: 2911606

Ion Ratio Lower Upper

99 100

42 16.7 13.6 20.4

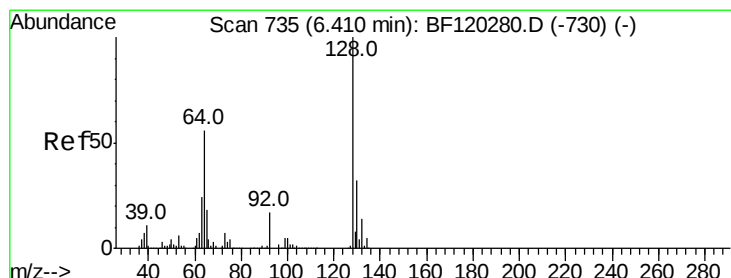
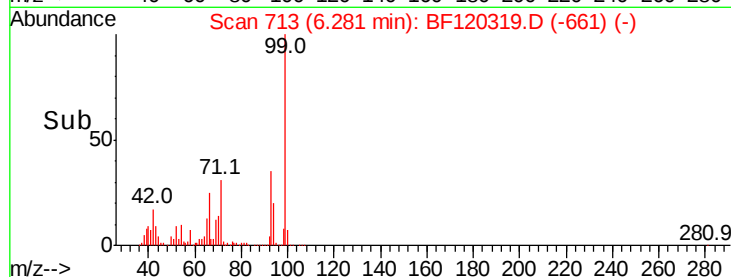
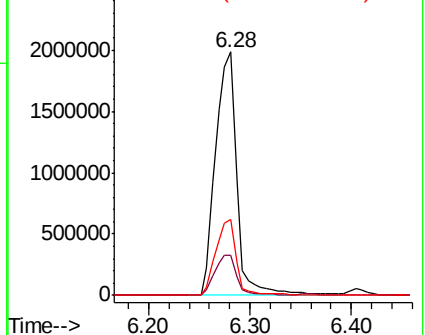
71 31.0 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 51.612 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

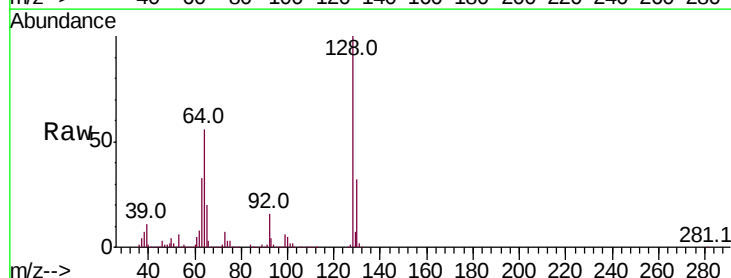
Tgt Ion:128 Resp: 960957

Ion Ratio Lower Upper

128 100

130 32.0 12.4 52.4

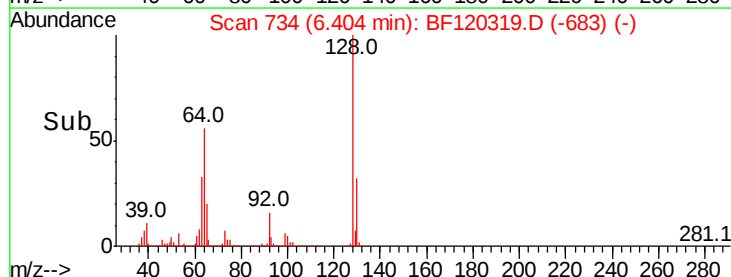
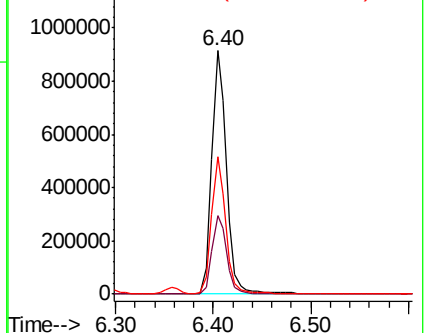
64 56.3 36.7 76.7

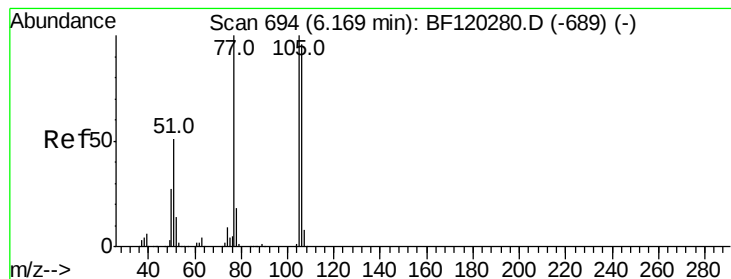


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 47.969 ng

RT: 6.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

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PB128905BS

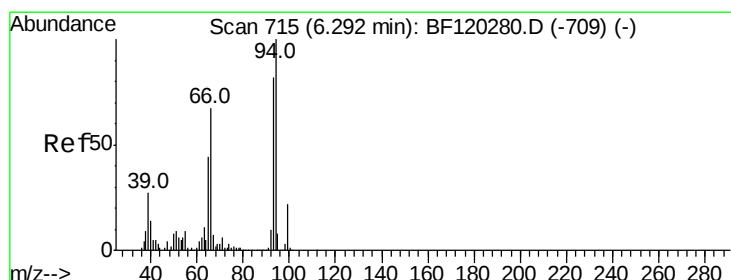
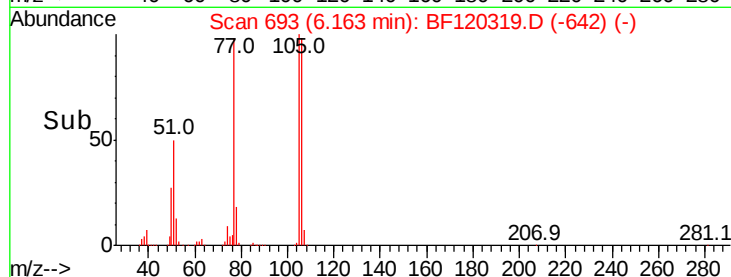
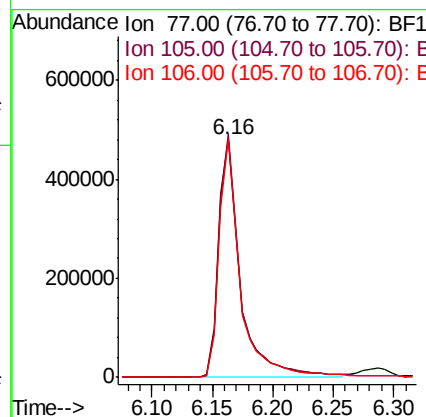
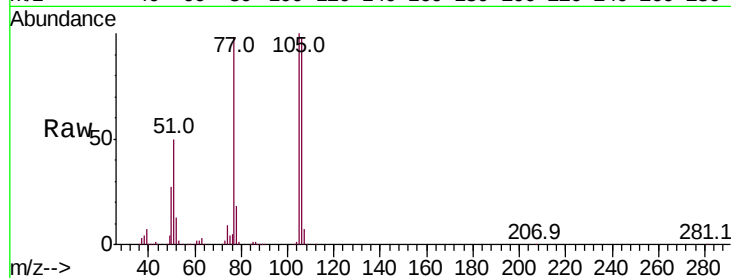
Tot Ion: 77 Resp: 597147

Ion Ratio Lower Upper

77 100

105 102.2 79.9 119.9

106 100.3 75.7 115.7



#10

Phenol

Concen: 49.677 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

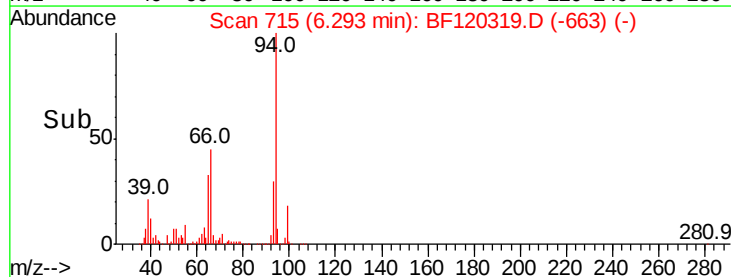
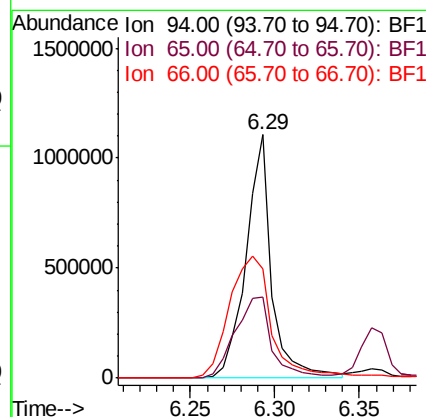
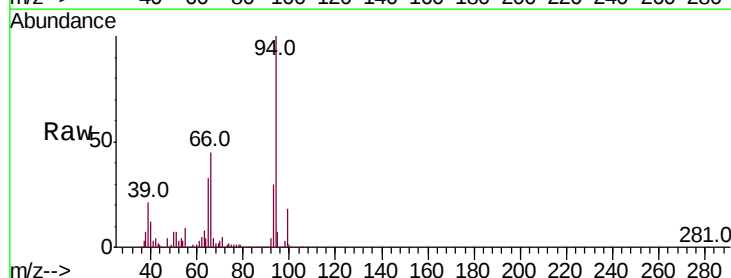
Tgt Ion: 94 Resp: 1171039

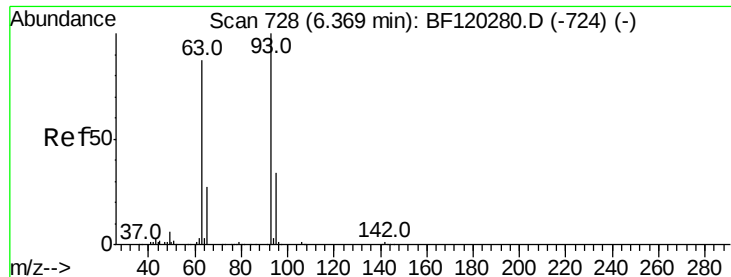
Ion Ratio Lower Upper

94 100

65 33.4 24.1 64.1

66 45.0 47.5 87.5#

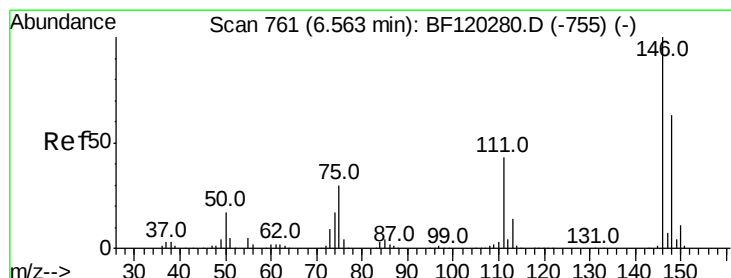
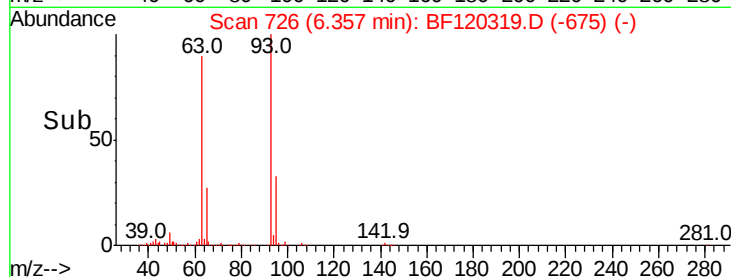
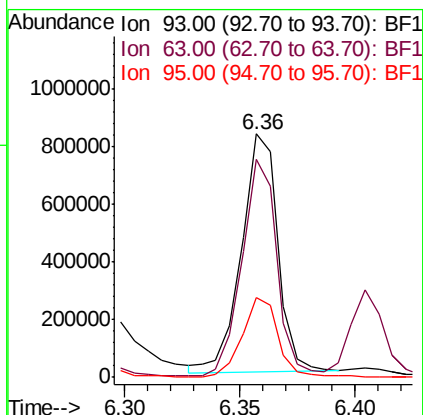
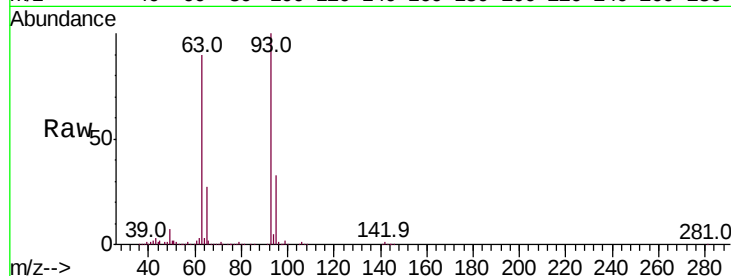




#11
bis(2-Chloroethyl)ether
Concen: 48.303 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF120319.D
Acq: 15 May 2020 14:07

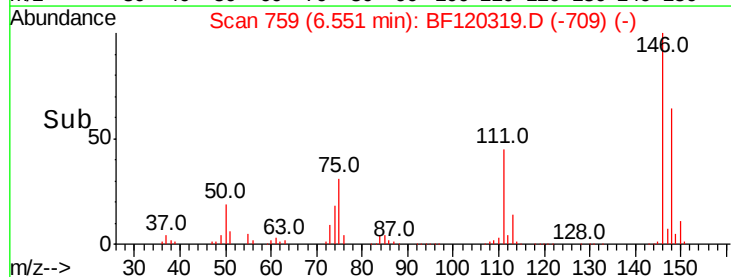
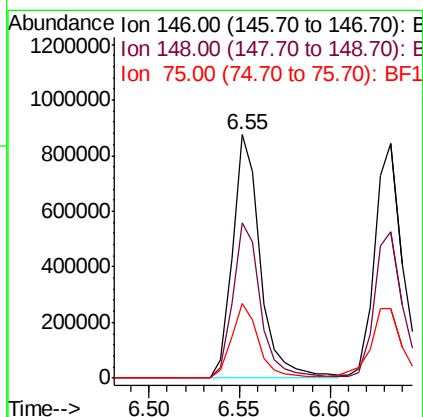
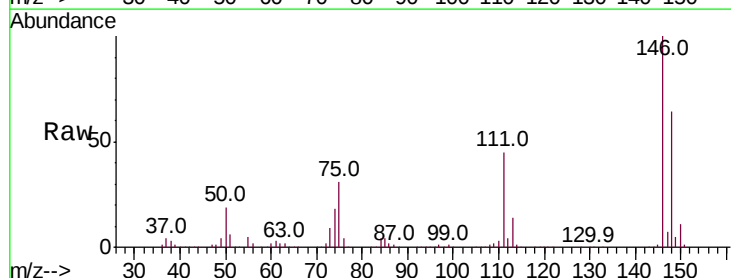
Instrument :
BNA_F
ClientSampled :
PB128905BS

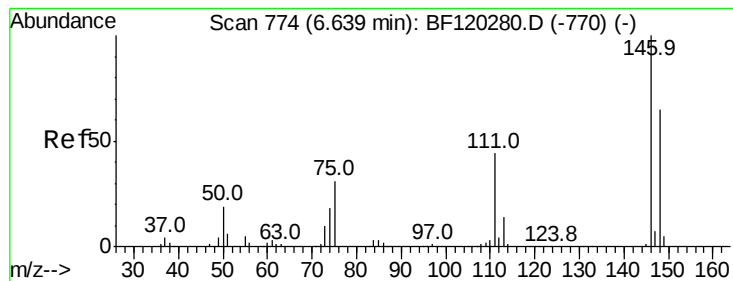
Tot Ion: 93 Resp: 909545
Ion Ratio Lower Upper
93 100
63 89.6 65.4 105.4
95 32.8 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 46.643 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF120319.D
Acq: 15 May 2020 14:07

Tgt Ion: 146 Resp: 929260
Ion Ratio Lower Upper
146 100
148 64.0 50.5 75.7
75 30.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 47.804 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Instrument :

BNA_F

ClientSampled :

PB128905BS

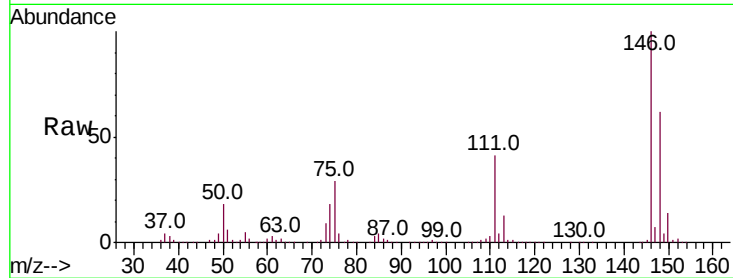
Tot Ion:146 Resp: 980911

Ion Ratio Lower Upper

146 100

148 62.3 51.6 77.4

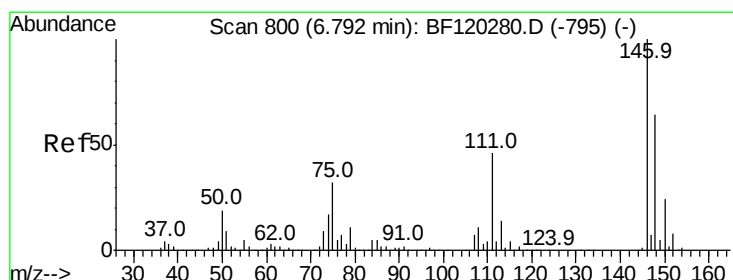
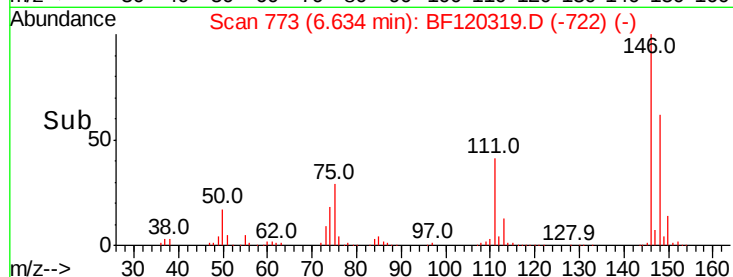
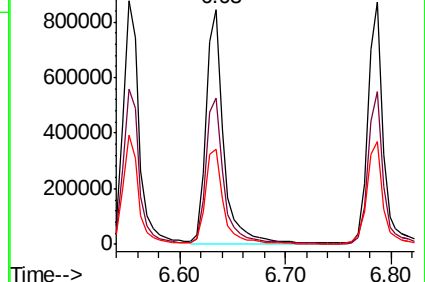
111 40.5 35.1 52.7



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: 47.813 ng

RT: 6.79 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

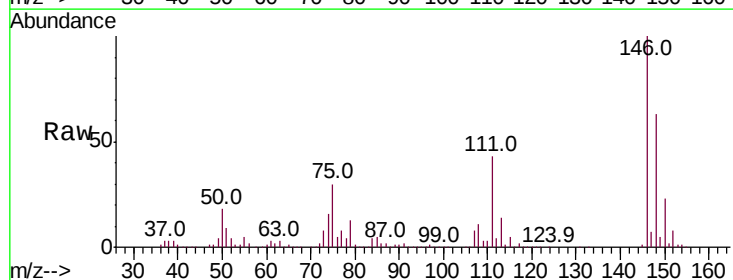
Tgt Ion:146 Resp: 883509

Ion Ratio Lower Upper

146 100

148 63.1 51.1 76.7

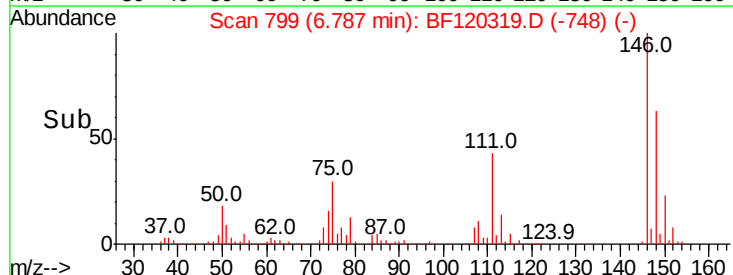
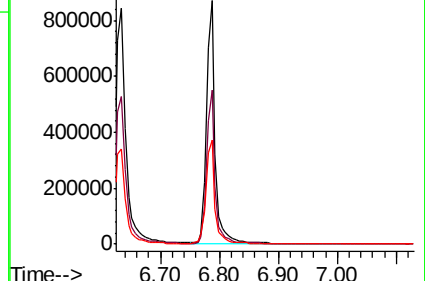
111 42.6 36.6 55.0

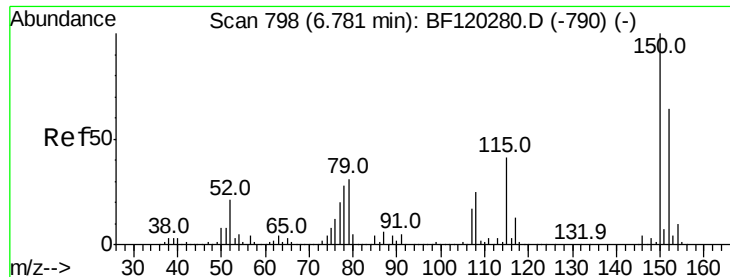


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.913 ng

RT: 6.77 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Instrument :

BNA_F

ClientSampleId :

PB128905BS

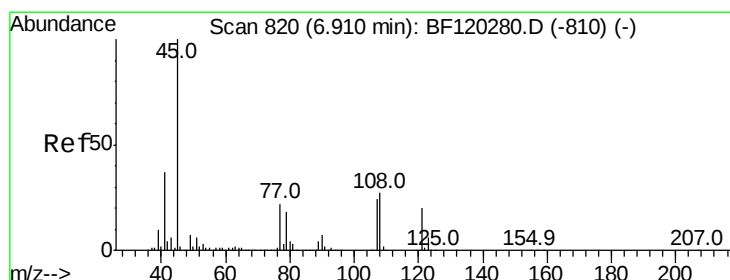
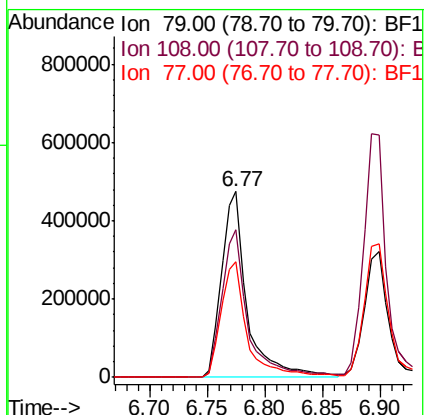
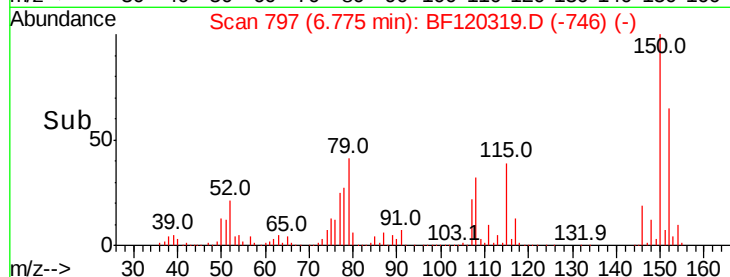
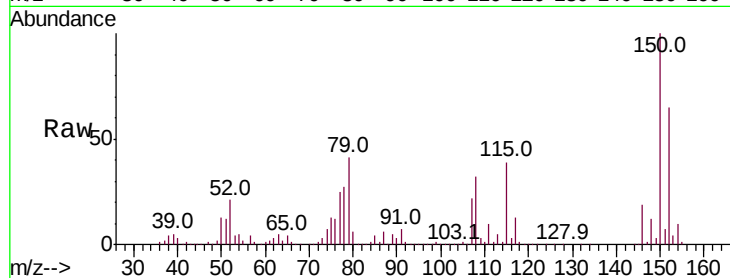
Tot Ion: 79 Resp: 730406

Ion Ratio Lower Upper

79 100

108 79.8 64.2 96.4

77 62.2 51.6 77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.078 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

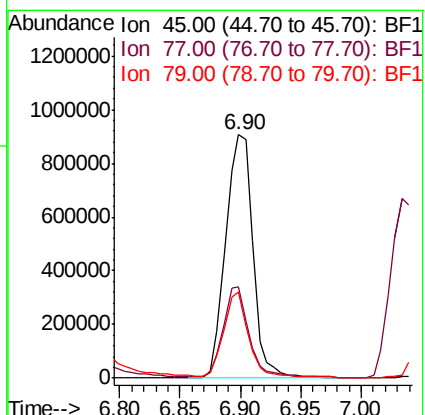
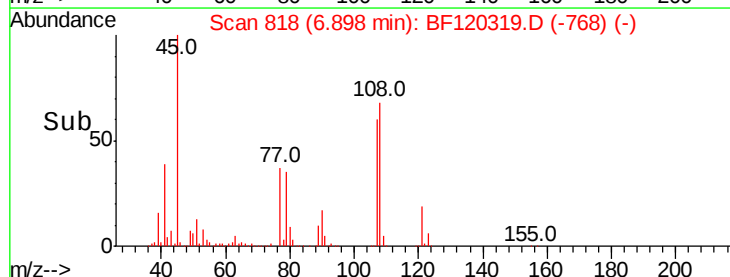
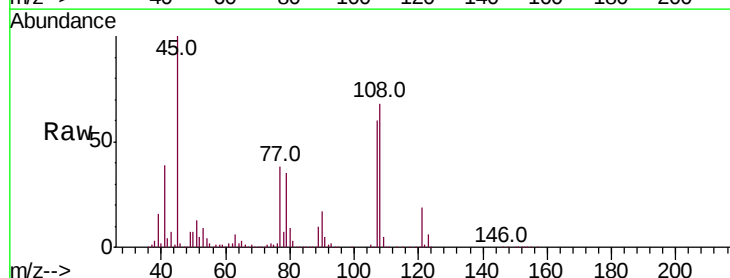
Tgt Ion: 45 Resp: 1426707

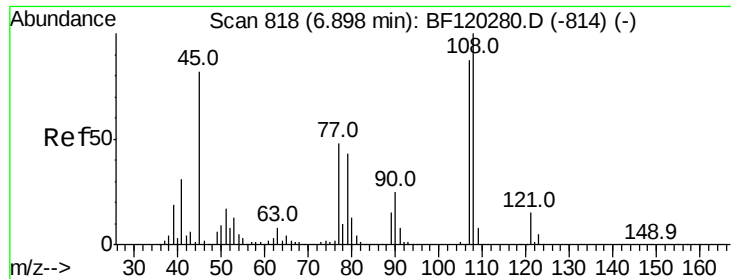
Ion Ratio Lower Upper

45 100

77 37.7 3.1 43.1

79 35.4 0.0 40.0

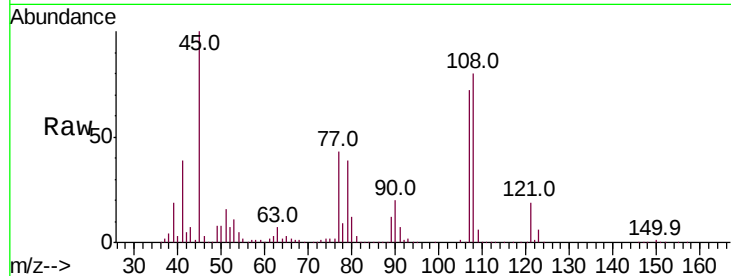




#17
2-Methylphenol
Concen: 48.419 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF120319.D
Acq: 15 May 2020 14:07

Instrument :
BNA_F
ClientSampleId :
PB128905BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	92.4	138.6
77	60.4	44.5	66.7
79	54.6	40.4	60.6



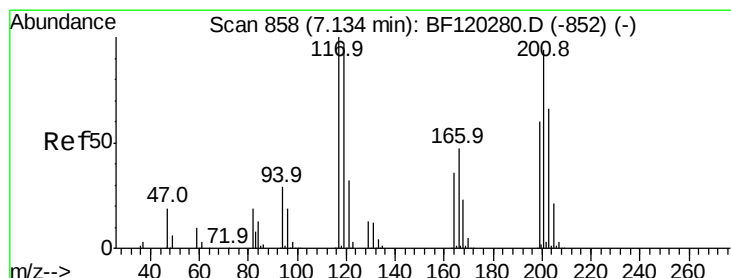
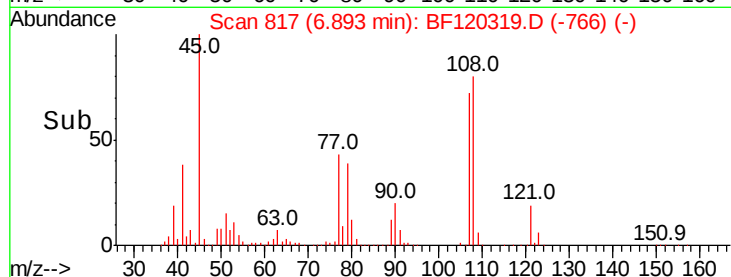
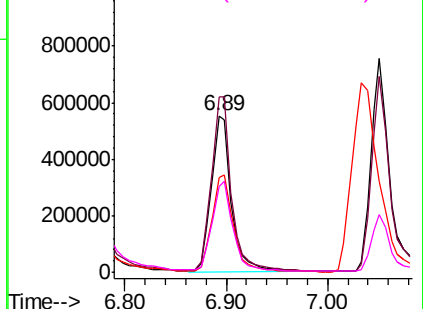
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

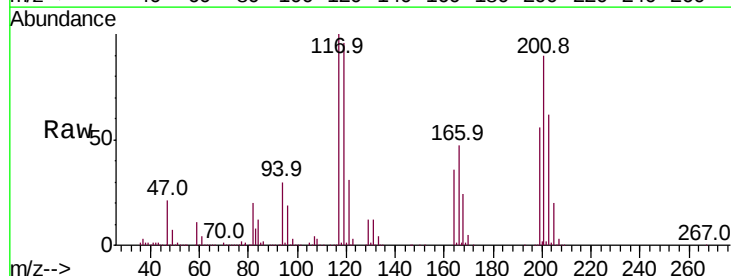
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 46.994 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF120319.D
Acq: 15 May 2020 14:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.0
201	90.1	74.9	112.3

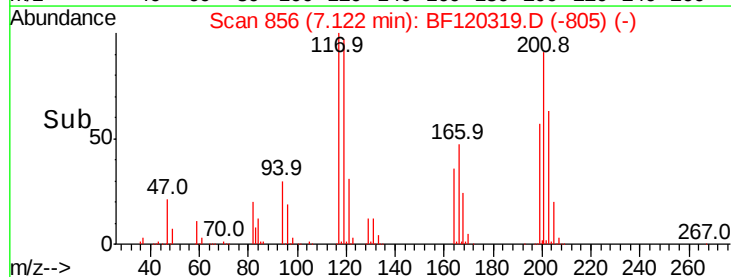
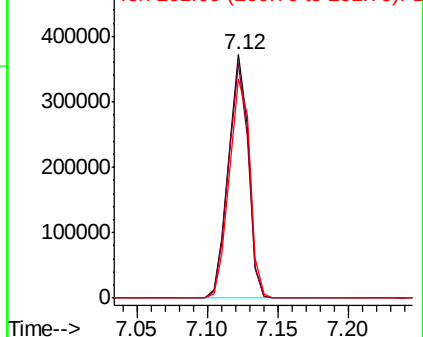


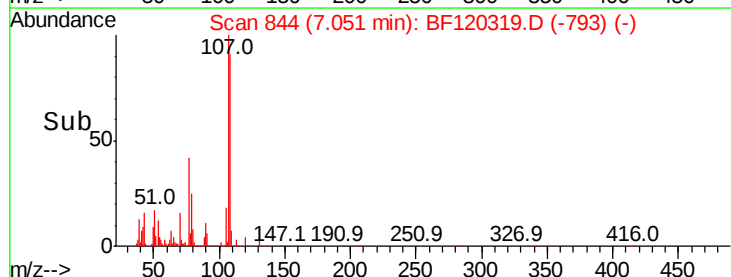
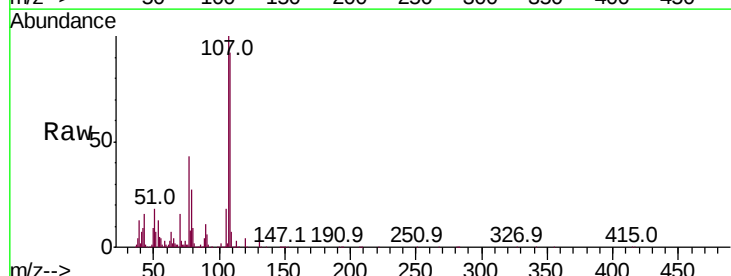
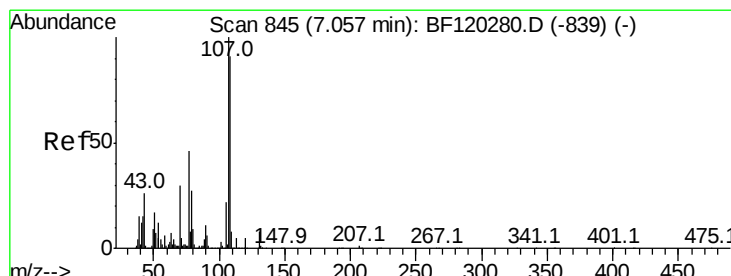
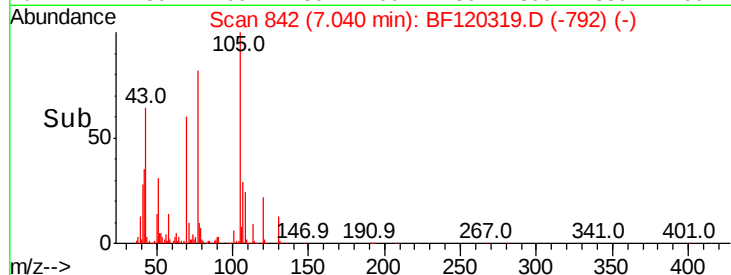
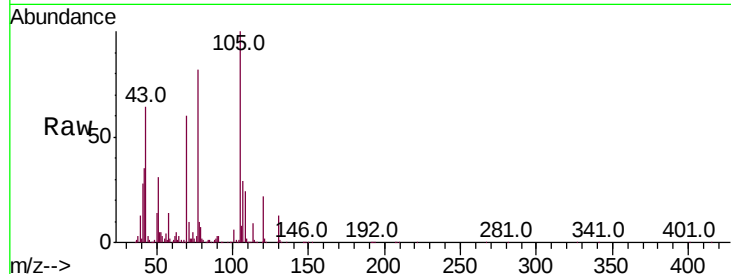
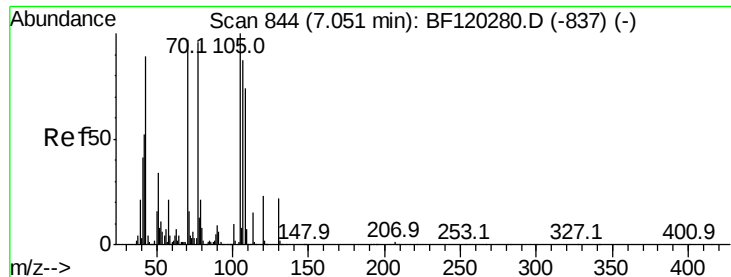
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 49.139 ng

RT: 7.04 min Scan# 842

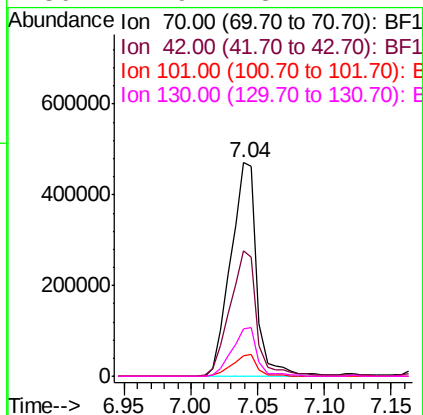
Delta R.T. -0.01 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Instrument :
BNA_F
ClientSampleId :
PB128905BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.8	43.4	65.0	
101	9.3	7.8	11.8	
130	21.9	18.2	27.4	



#20

3+4-Methylphenols

Concen: 48.500 ng

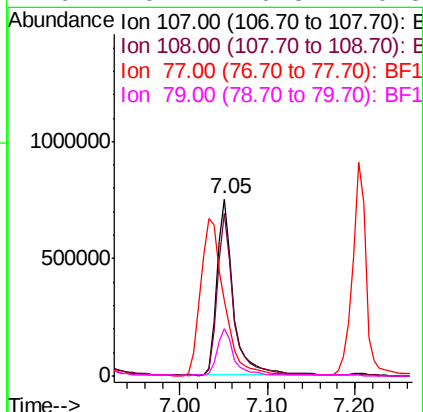
RT: 7.05 min Scan# 844

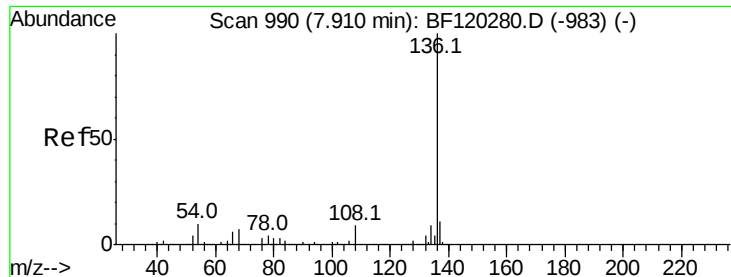
Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.8	71.1	111.1	
77	42.6	28.1	68.1	
79	26.7	6.8	46.8	

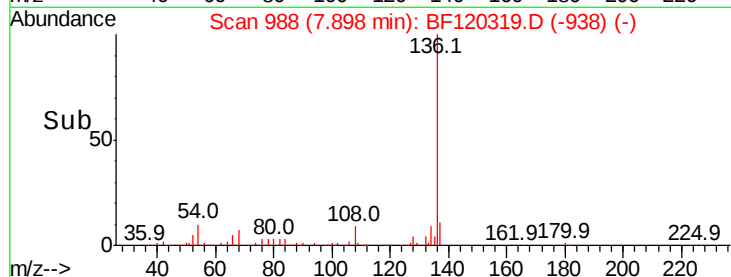
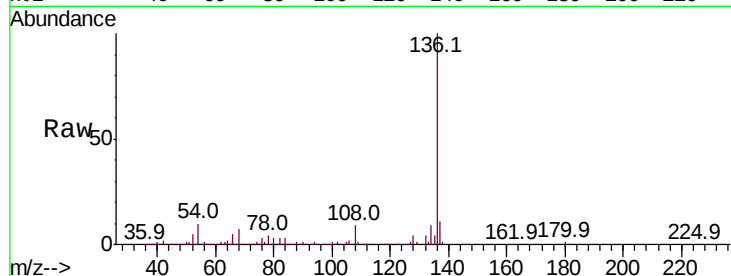




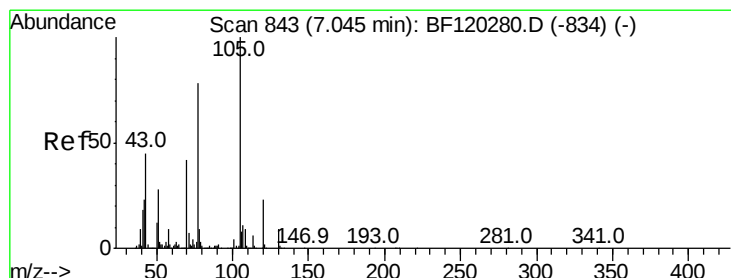
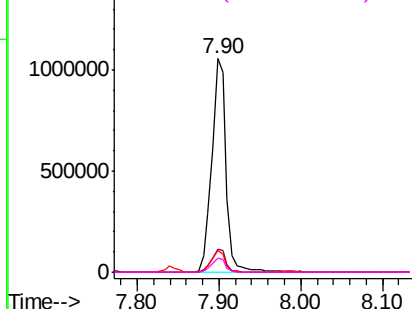
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF120319.D
Acq: 15 May 2020 14:07

Instrument :
BNA_F
ClientSampleId :
PB128905BS

Tot Ion:136 Resp: 1287666
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.2 7.9 11.9
68 6.8 5.4 8.2

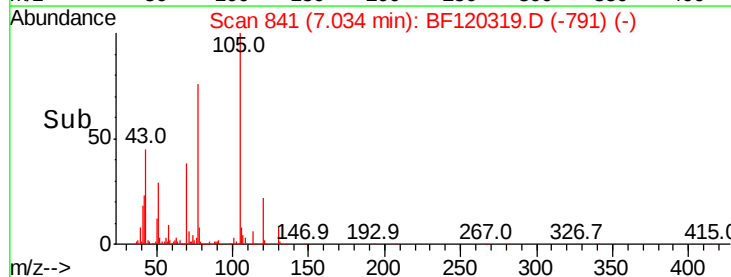
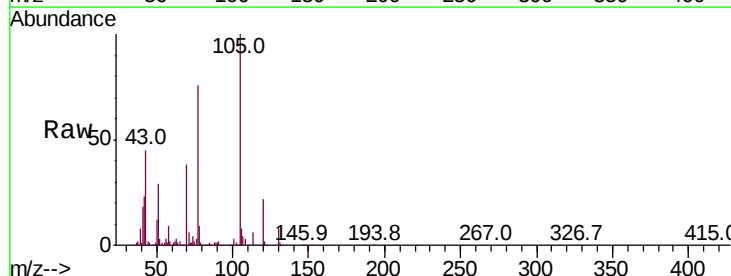


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

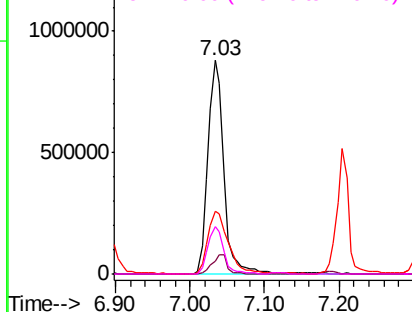


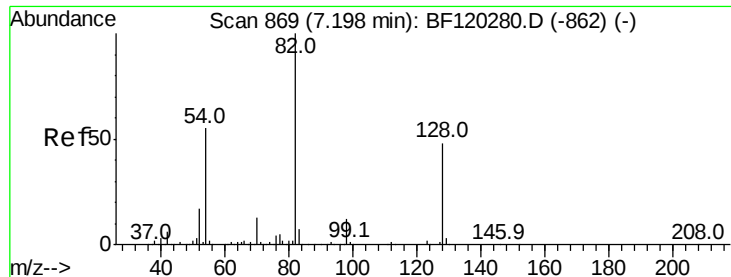
#22
Acetophenone
Concen: 49.631 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF120319.D
Acq: 15 May 2020 14:07

Tgt Ion:105 Resp: 1309220
Ion Ratio Lower Upper
105 100
71 6.3 5.6 8.4
51 29.5 22.6 34.0
120 22.0 18.7 28.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E



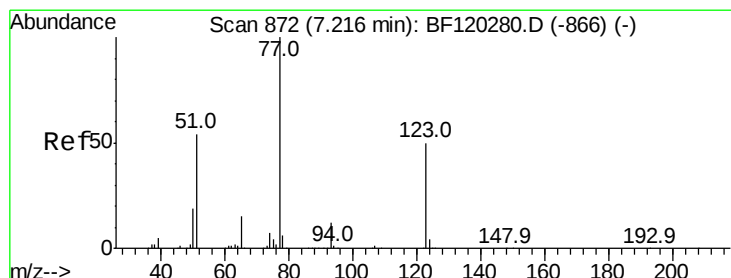
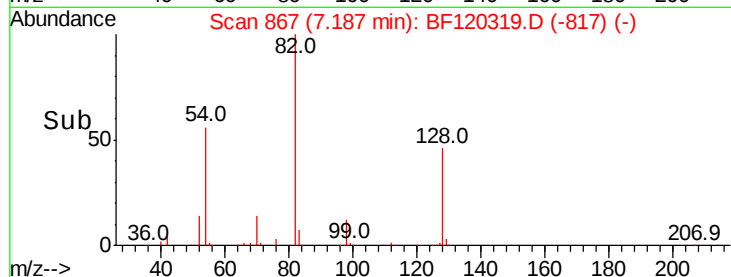
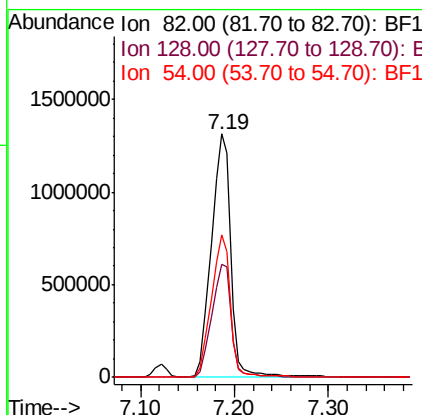
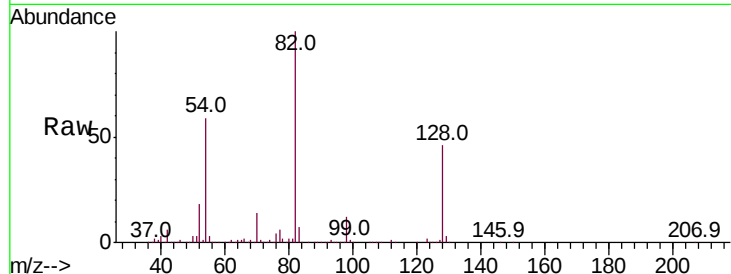


#23
 Nitrobenzene-d5
 Concen: 102.402 ng
 RT: 7.19 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BF120319.D
 Acq: 15 May 2020 14:07

Instrument :
 BNA_F
 ClientSampleId :
 PB128905BS

Tot Ion: 82 Resp: 1925907

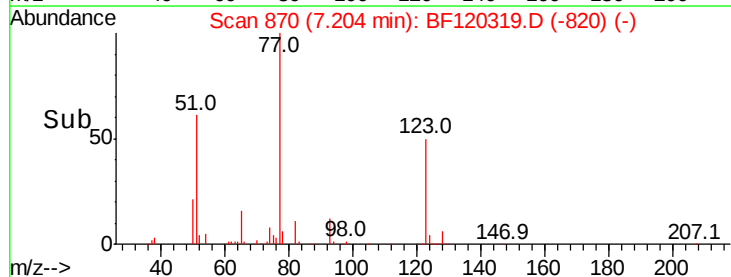
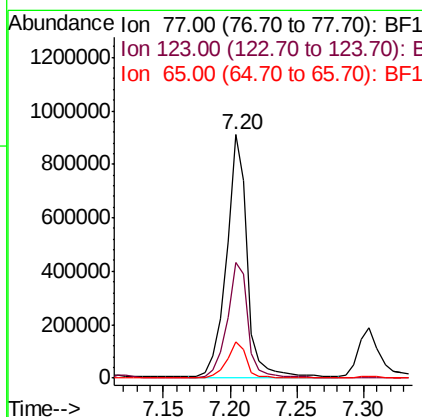
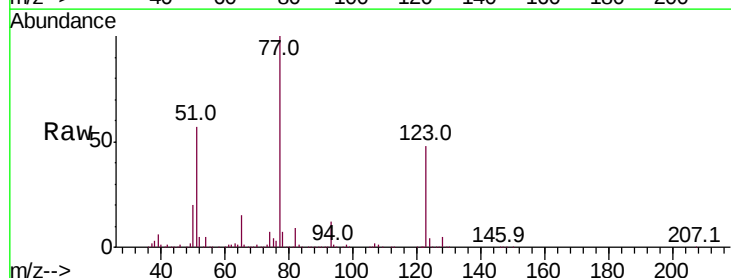
Ion	Ratio	Lower	Upper
82	100		
128	46.2	38.3	57.5
54	58.6	43.9	65.9

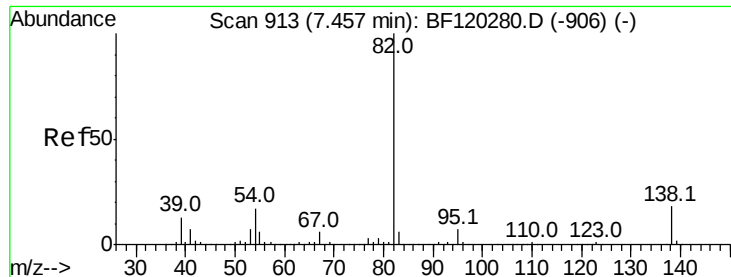


#24
 Nitrobenzene
 Concen: 49.462 ng
 RT: 7.20 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BF120319.D
 Acq: 15 May 2020 14:07

Tgt Ion: 77 Resp: 1001134

Ion	Ratio	Lower	Upper
77	100		
123	47.6	40.0	60.0
65	14.9	11.7	17.5





#25

Isophorone

Concen: 48.725 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Instrument :

BNA_F

ClientSampleId :

PB128905BS

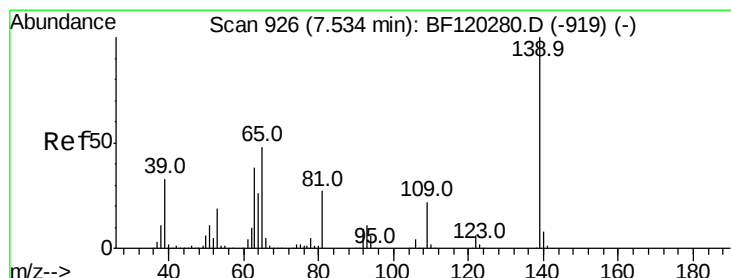
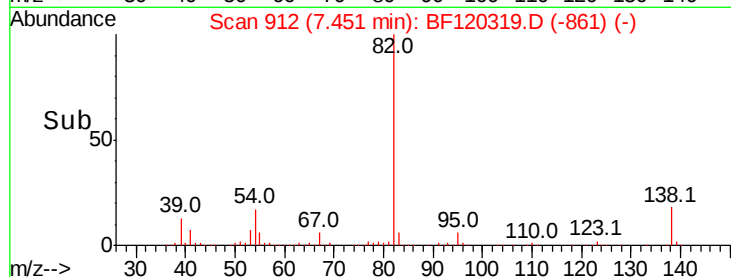
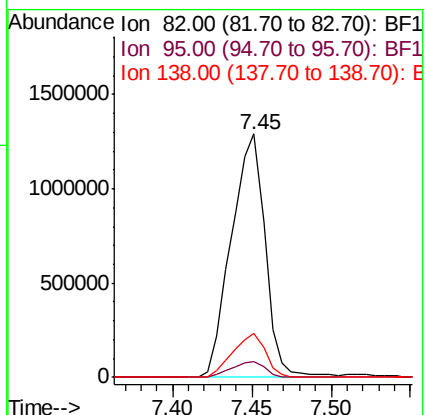
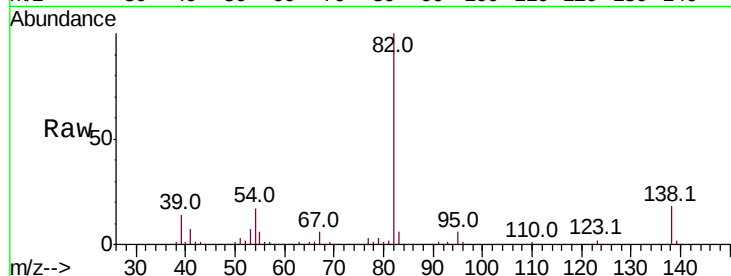
Tot Ion: 82 Resp: 1906722

Ion Ratio Lower Upper

82 100

95 6.3 5.4 8.0

138 18.0 14.7 22.1



#26

2-Nitrophenol

Concen: 51.625 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

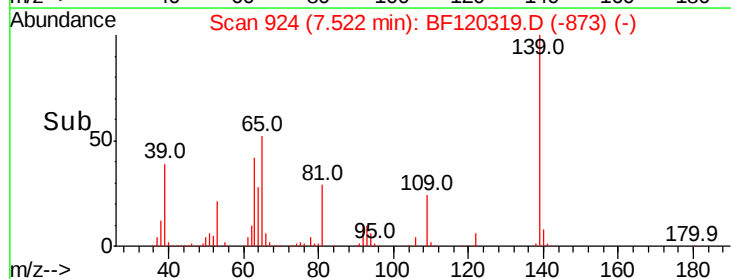
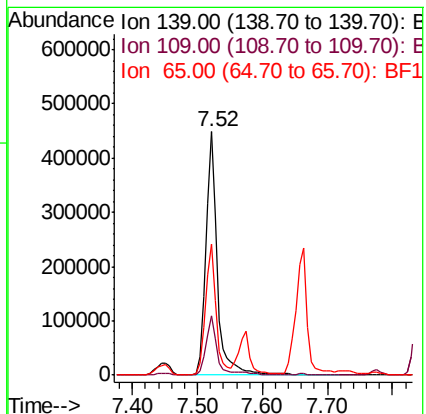
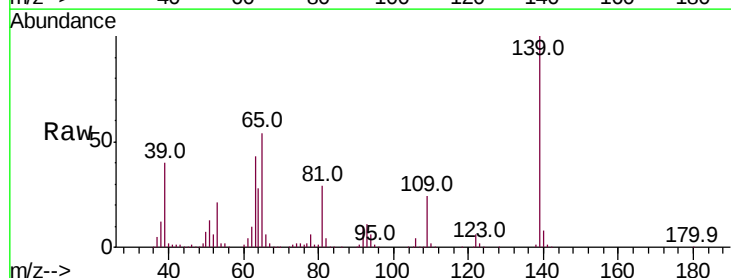
Tgt Ion: 139 Resp: 546488

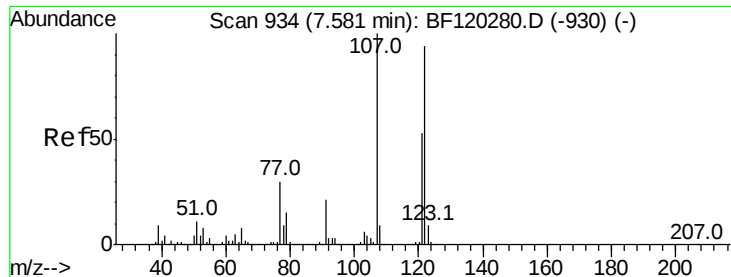
Ion Ratio Lower Upper

139 100

109 24.2 17.7 26.5

65 54.0 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 54.792 ng

RT: 7.57 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Instrument :

BNA_F

ClientSampled :

PB128905BS

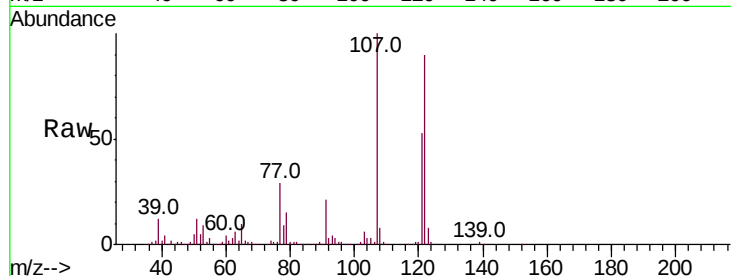
Tot Ion:122 Resp: 843731

Ion Ratio Lower Upper

122 100

107 111.6 85.0 127.6

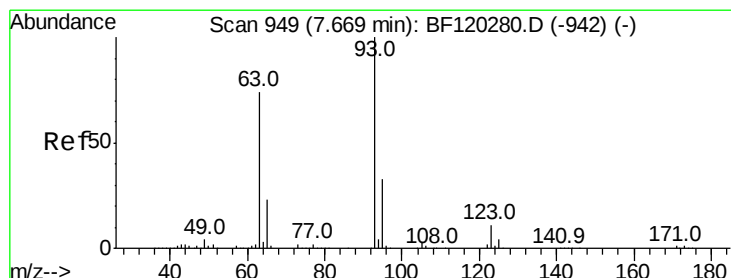
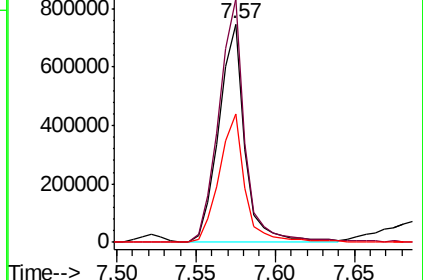
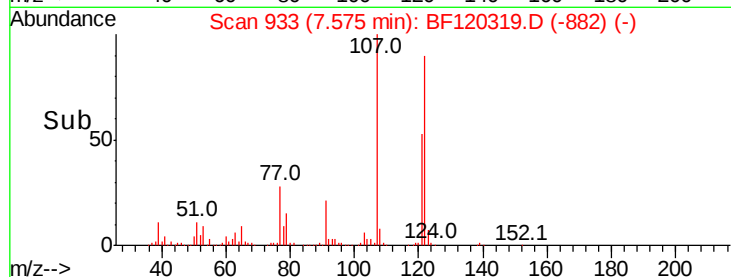
121 59.0 45.1 67.7



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: 50.018 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

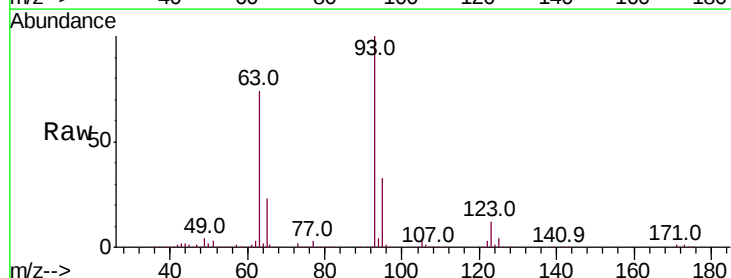
Tgt Ion: 93 Resp: 1230255

Ion Ratio Lower Upper

93 100

95 33.1 26.8 40.2

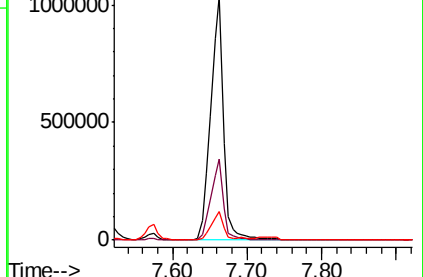
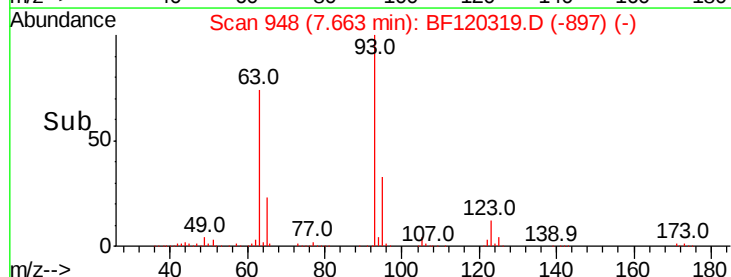
123 11.7 9.2 13.8

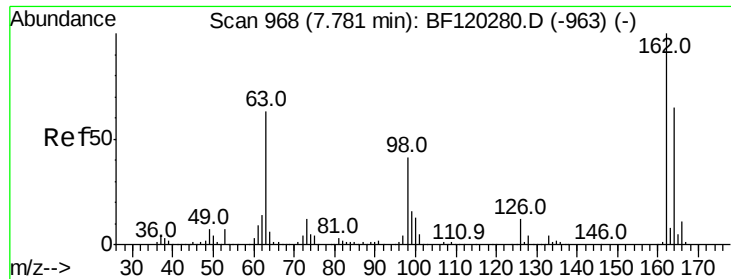


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

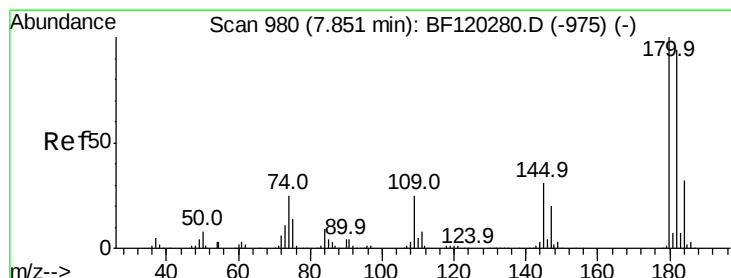
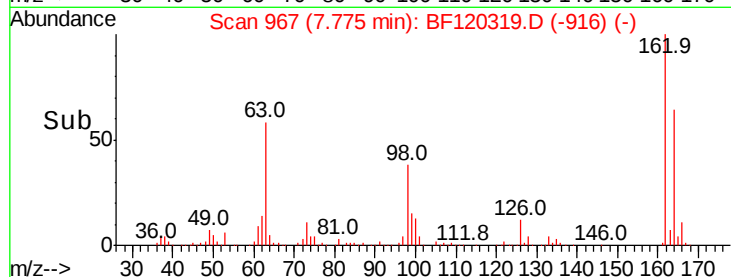
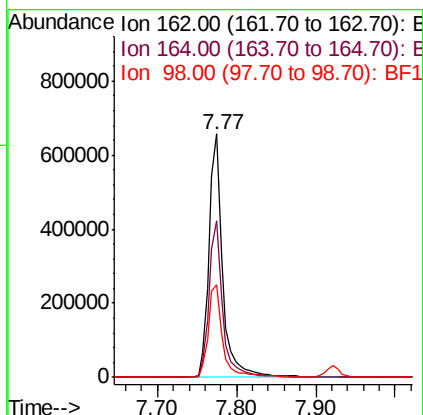
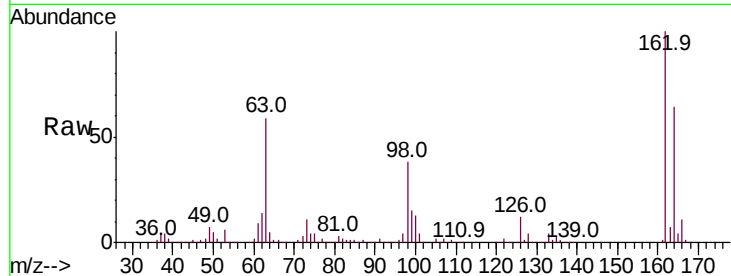




#29
 2,4-Dichlorophenol
 Concen: 50.070 ng
 RT: 7.77 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: BF120319.D
 Acq: 15 May 2020 14:07

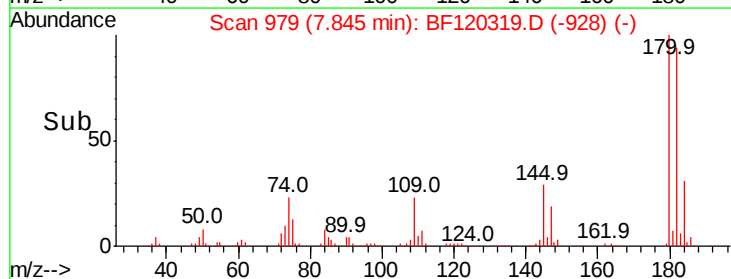
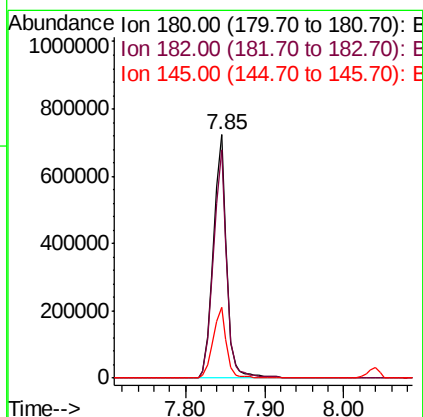
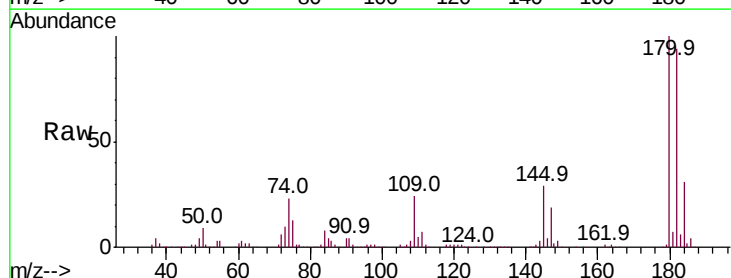
Instrument :
 BNA_F
 ClientSampleId :
 PB128905BS

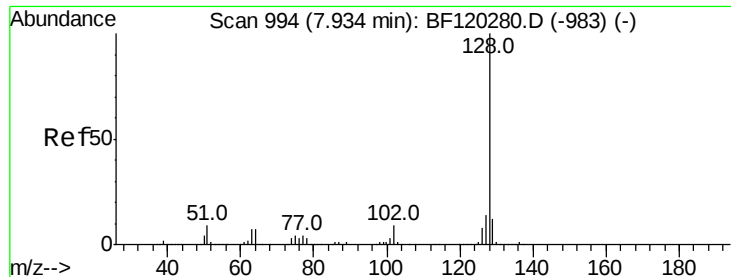
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.9	84.9
98	38.1	20.7	60.7



#30
 1,2,4-Trichlorobenzene
 Concen: 48.276 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF120319.D
 Acq: 15 May 2020 14:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.3	112.9
145	29.2	24.9	37.3

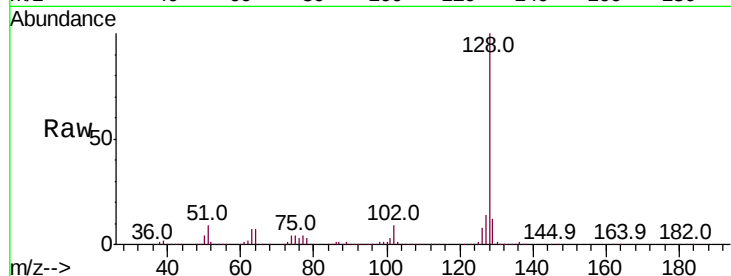




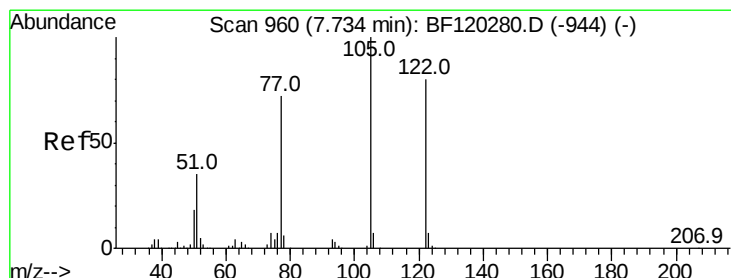
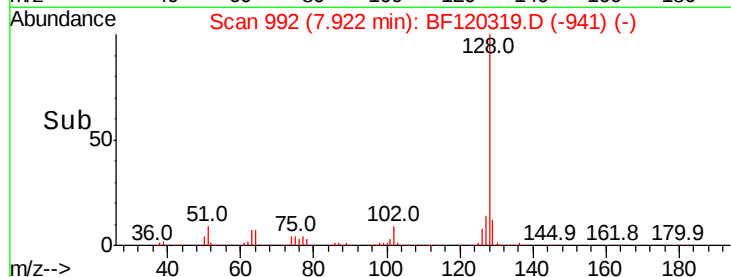
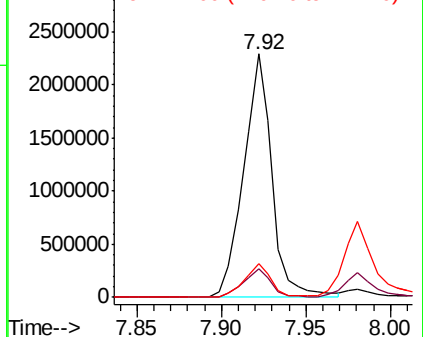
#31
Naphthalene
Concen: 49.363 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF120319.D
Acq: 15 May 2020 14:07

Instrument :
BNA_F
ClientSampleId :
PB128905BS

Tot Ion:128 Resp: 2682669
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 13.9 11.2 16.8

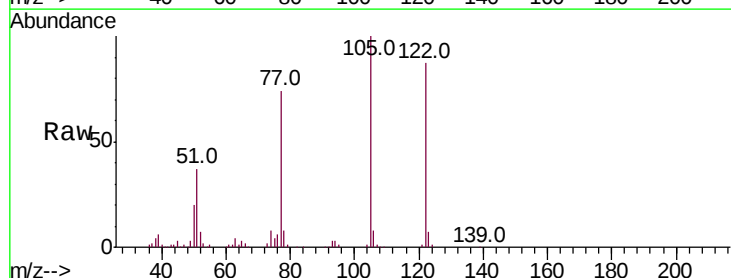


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

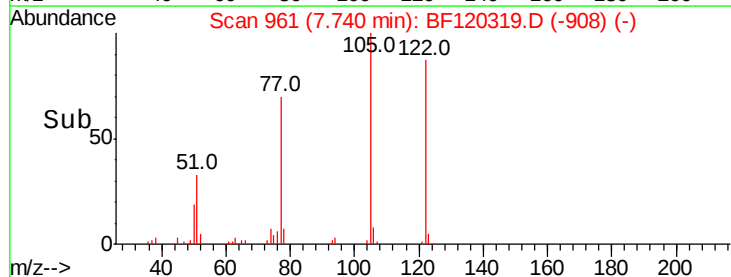
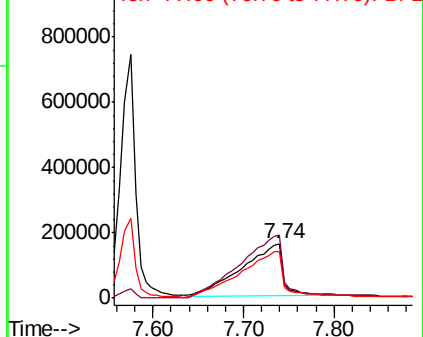


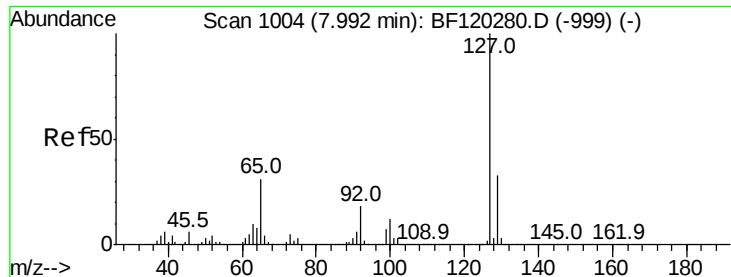
#32
Benzoic acid
Concen: 51.976 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF120319.D
Acq: 15 May 2020 14:07

Tgt Ion:122 Resp: 524621
Ion Ratio Lower Upper
122 100
105 115.2 98.1 138.1
77 85.0 66.7 106.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

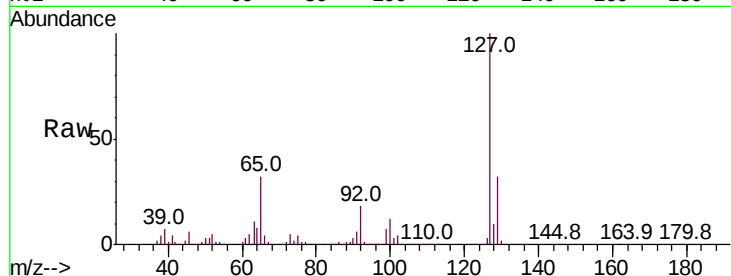




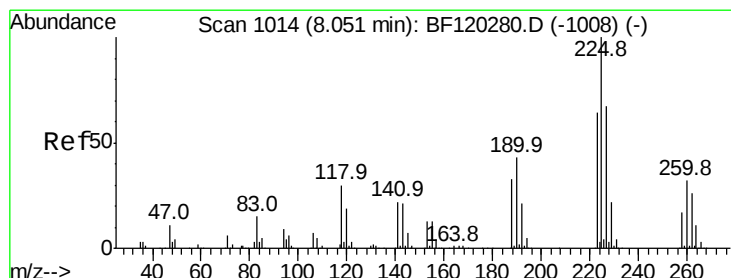
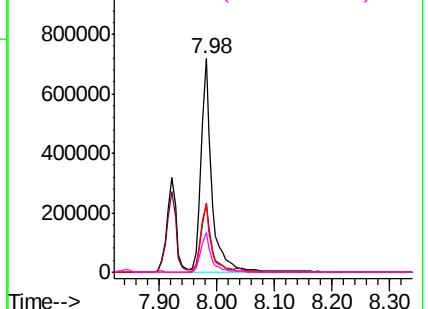
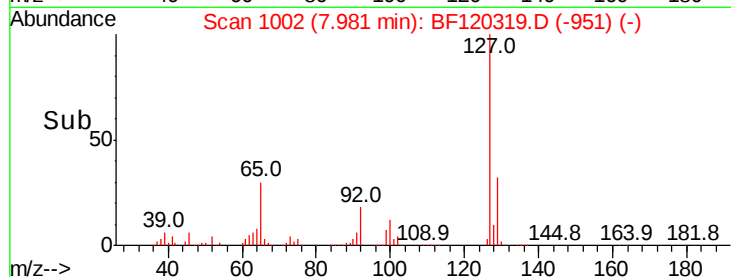
#33
4-Chloroaniline
Concen: 38.222 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF120319.D
Acq: 15 May 2020 14:07

Instrument :
BNA_F
ClientSampleId :
PB128905BS

Tot Ion:127	Resp:	946636
Ion	Ratio	Lower Upper
127	100	
129	32.3	26.4 39.6
65	32.0	24.8 37.2
92	18.4	14.5 21.7

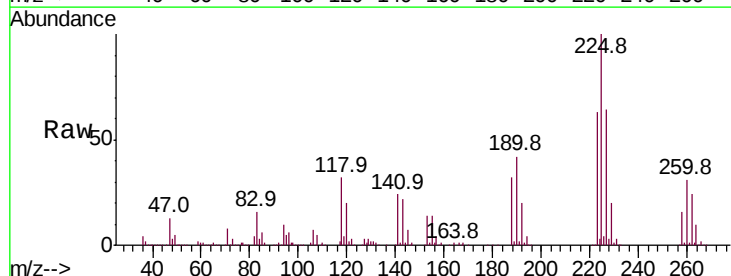


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

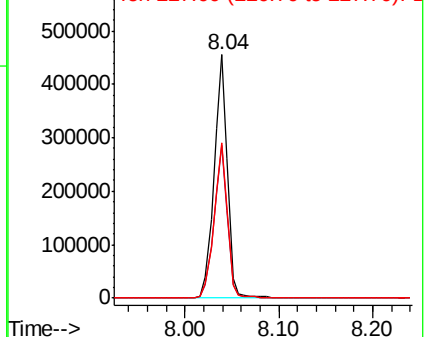
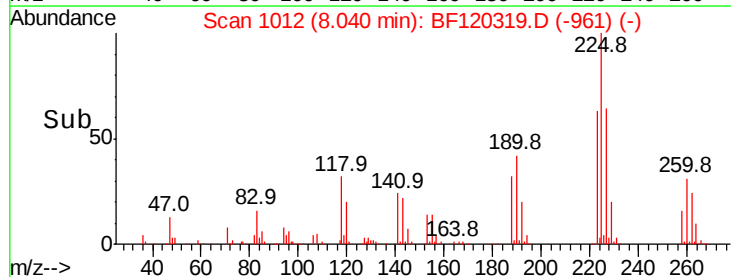


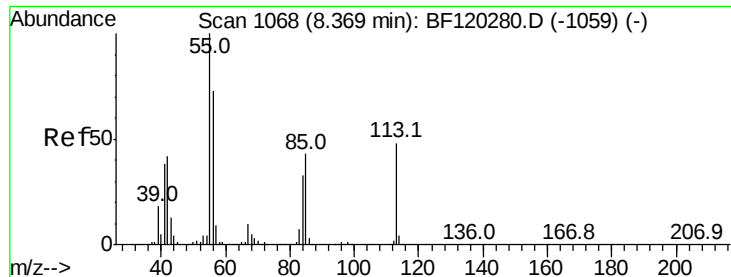
#34
Hexachlorobutadiene
Concen: 45.248 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120319.D
Acq: 15 May 2020 14:07

Tgt Ion:225	Resp:	458353
Ion	Ratio	Lower Upper
225	100	
223	62.5	51.4 77.0
227	63.6	54.0 81.0



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





#35

Caprolactam

Concen: 49.729 ng/mL

RT: 8.37 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Instrument :

BNA_F

ClientSampleId :

PB128905BS

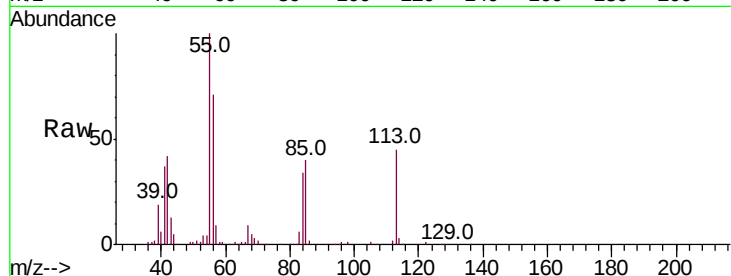
Tot Ion:113 Resp: 257300

Ion Ratio Lower Upper

113 100

55 224.0 190.4 230.4

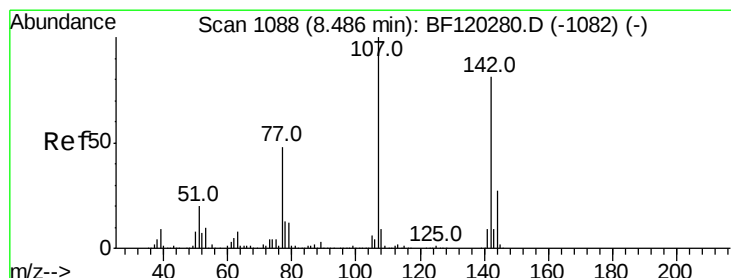
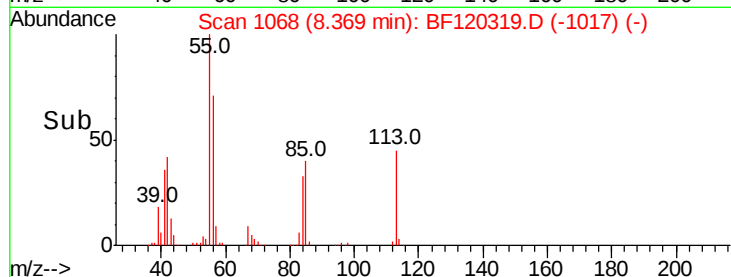
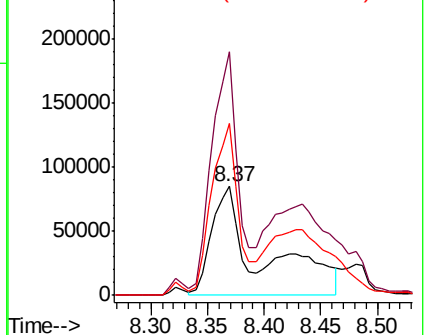
56 158.3 132.7 172.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 51.059 ng/mL

RT: 8.49 min Scan# 1088

Delta R.T. 0.01 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

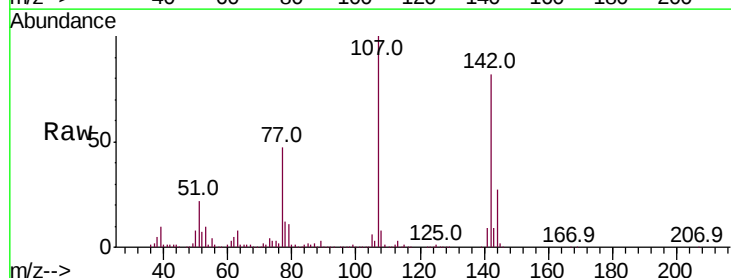
Tgt Ion:107 Resp: 873557

Ion Ratio Lower Upper

107 100

144 27.2 21.4 32.2

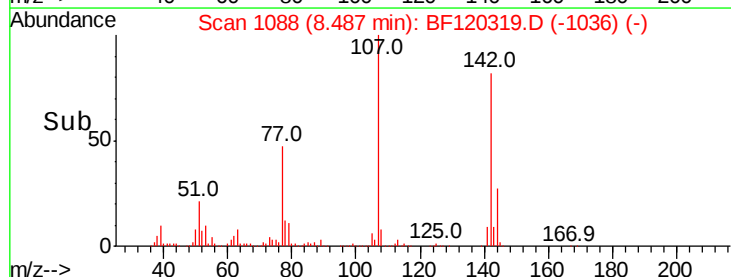
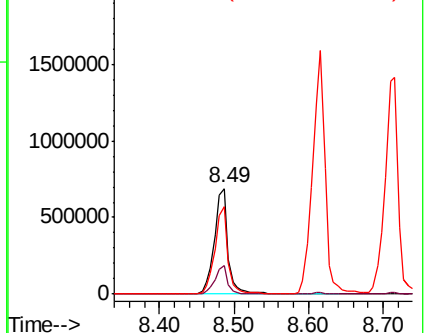
142 82.3 65.1 97.7

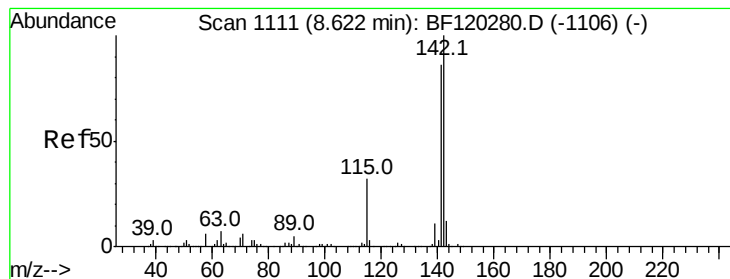


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.343 ng

RT: 8.62 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Instrument :

BNA_F

ClientSampleId :

PB128905BS

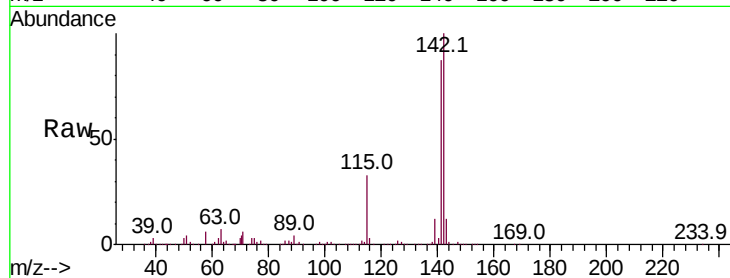
Tot Ion:142 Resp: 1835064

Ion Ratio Lower Upper

142 100

141 87.2 68.8 103.2

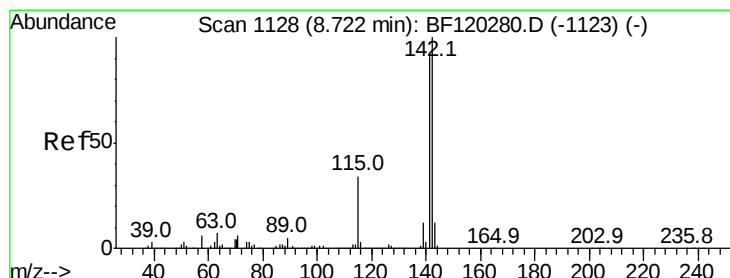
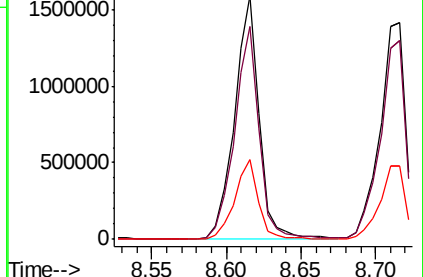
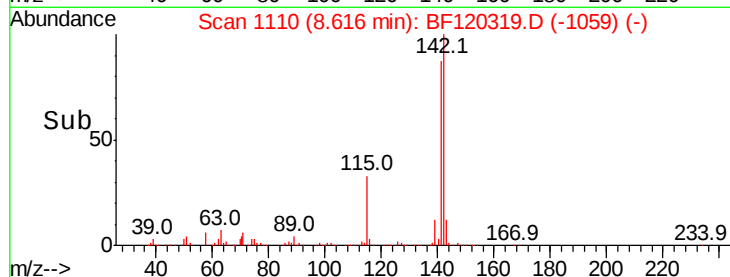
115 32.5 25.7 38.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.740 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

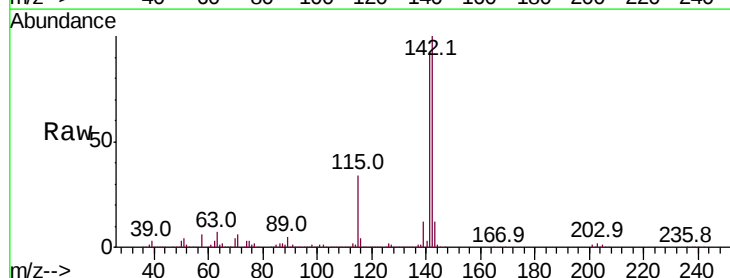
Tgt Ion:142 Resp: 1758064

Ion Ratio Lower Upper

142 100

141 92.2 73.0 109.6

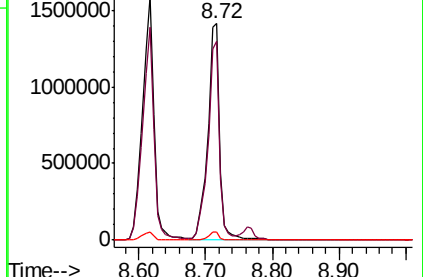
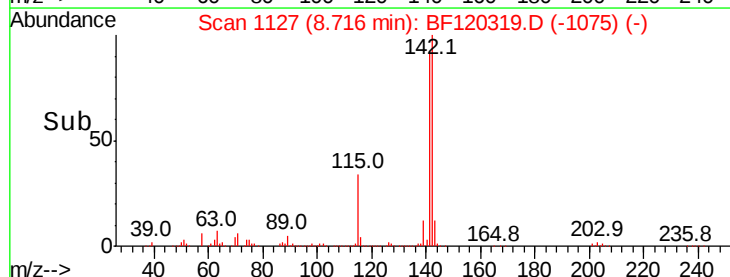
116 3.6 2.7 4.1

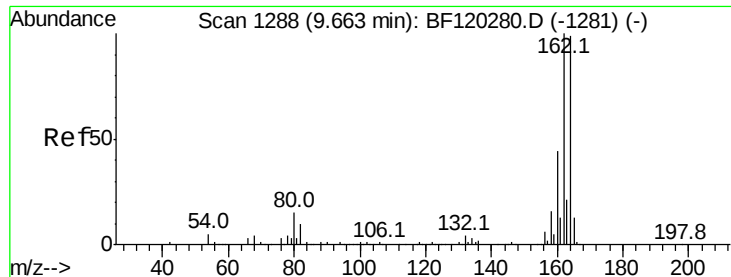


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

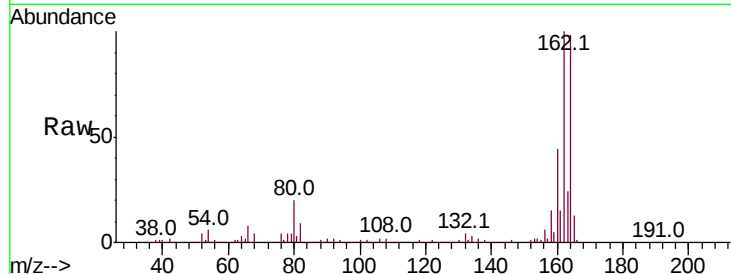




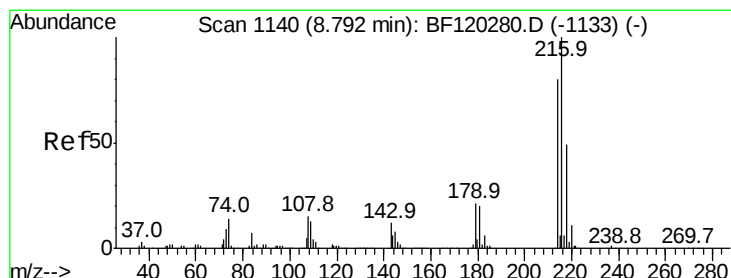
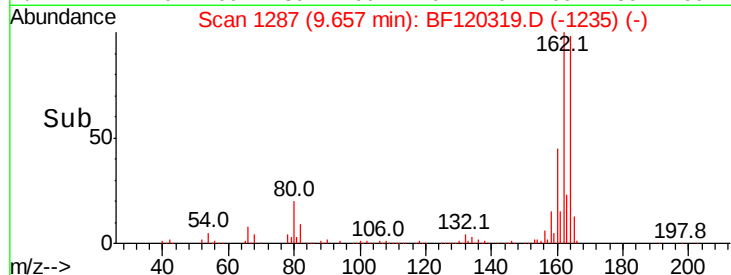
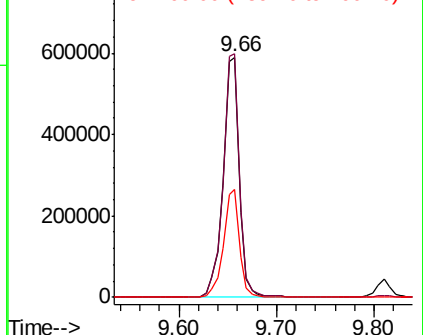
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BF120319.D
Acq: 15 May 2020 14:07

Instrument :
BNA_F
ClientSampleId :
PB128905BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.2	121.8
160	45.1	35.8	53.6

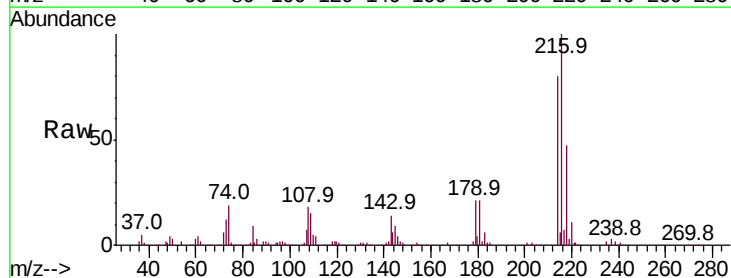


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

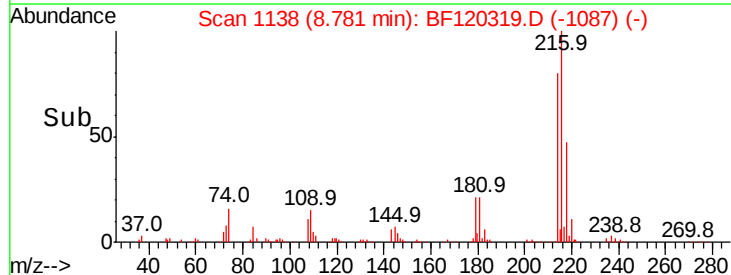
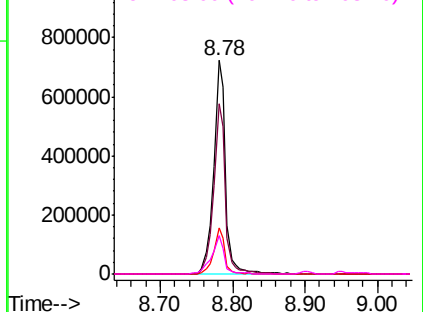


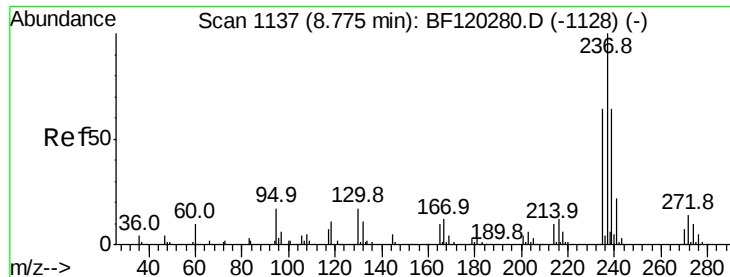
#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.521 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF120319.D
Acq: 15 May 2020 14:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	64.0	96.0
179	20.5	16.9	25.3
108	18.9	14.2	21.2



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 96.748 ng

RT: 8.77 min Scan# 1136

Delta R.T. 0.01 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Instrument :

BNA_F

ClientSampleId :

PB128905BS

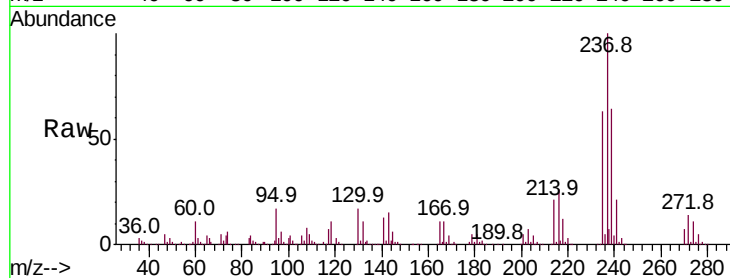
Tot Ion:237 Resp: 696706

Ion Ratio Lower Upper

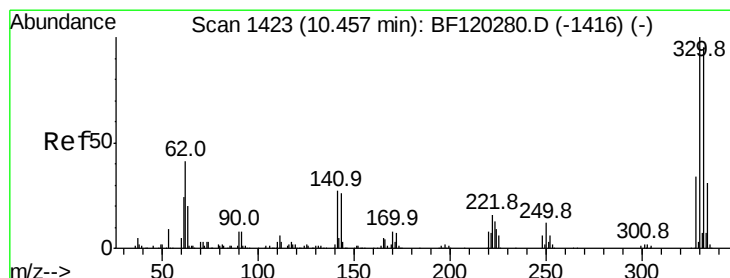
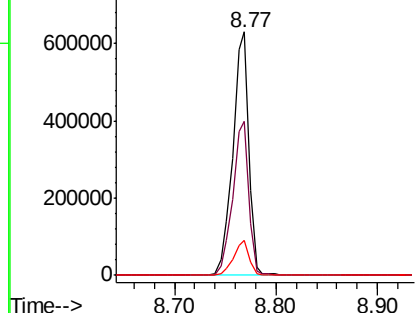
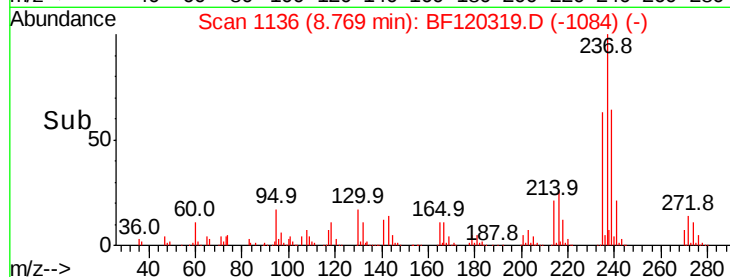
237 100

235 63.3 43.8 83.8

272 14.3 0.0 33.9



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: 141.500 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

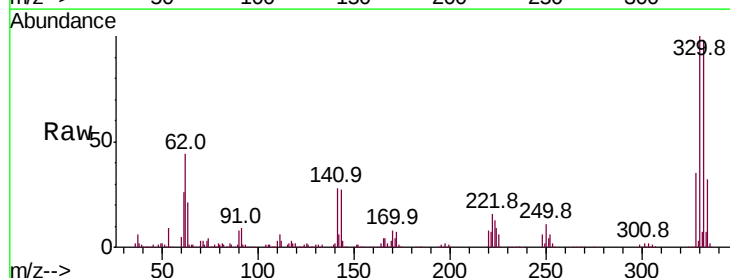
Tgt Ion:330 Resp: 786454

Ion Ratio Lower Upper

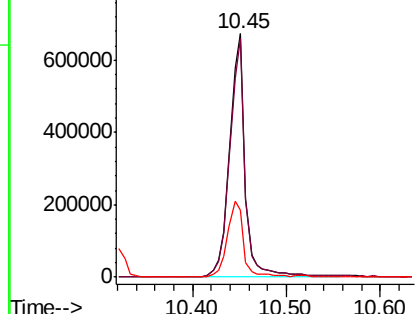
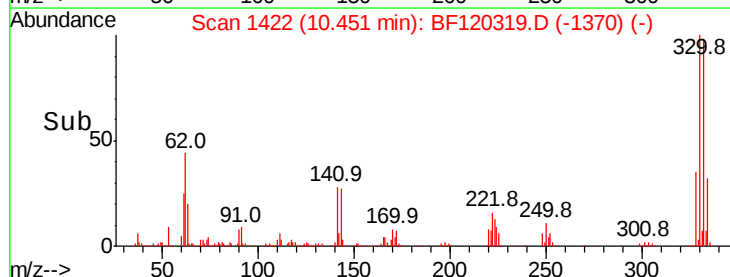
330 100

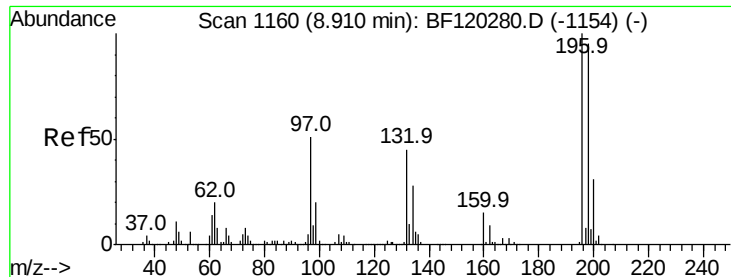
332 97.2 76.5 114.7

141 32.1 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

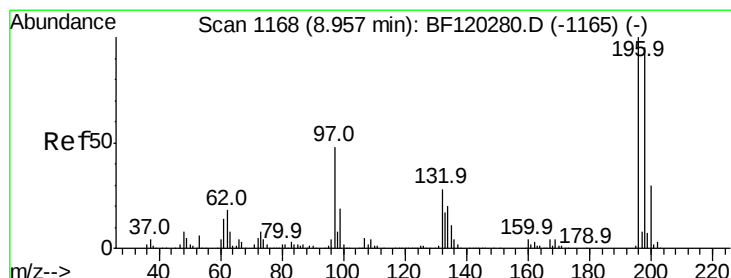
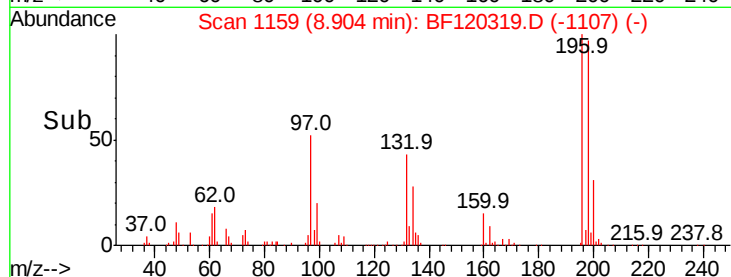
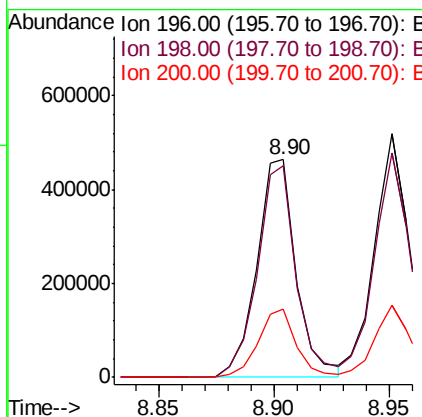
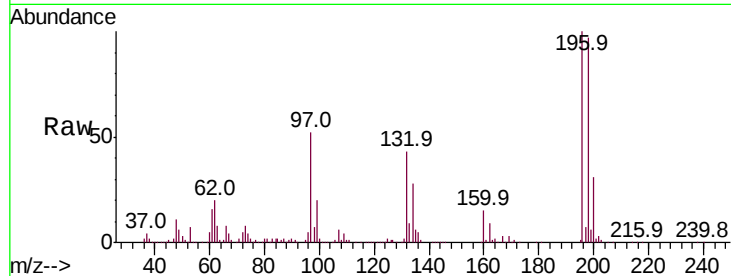




#43
 2,4,6-Trichlorophenol
 Concen: 47.893 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. 0.01 min
 Lab File: BF120319.D
 Acq: 15 May 2020 14:07

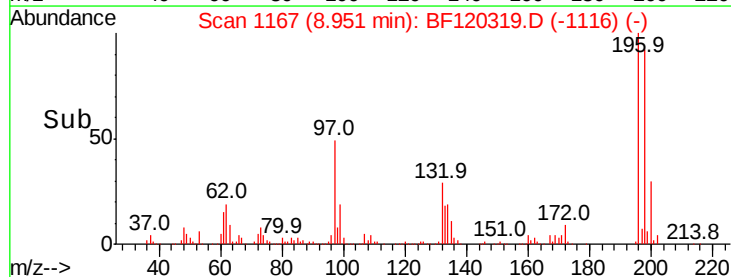
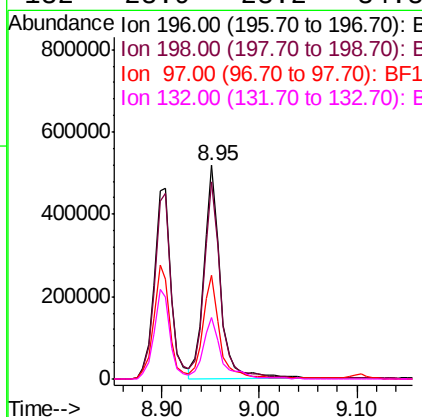
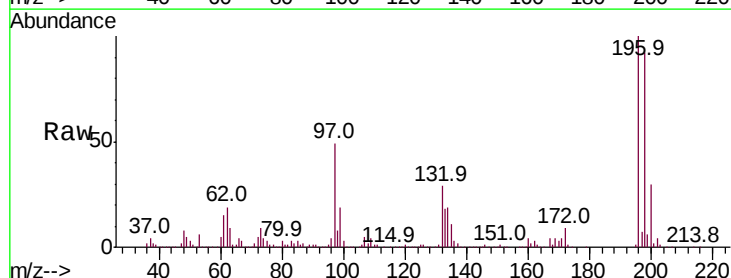
Instrument :
 BNA_F
 ClientSampleId :
 PB128905BS

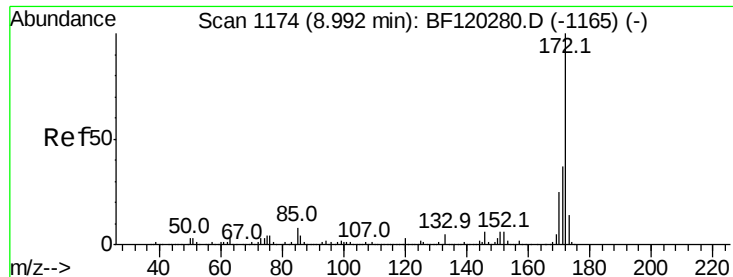
Tot Ion:196 Resp: 552574
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.2 114.4
 200 31.1 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 44.920 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF120319.D
 Acq: 15 May 2020 14:07

Tgt Ion:196 Resp: 595194
 Ion Ratio Lower Upper
 196 100
 198 92.3 76.2 114.4
 97 48.7 38.6 57.8
 132 28.9 23.2 34.8



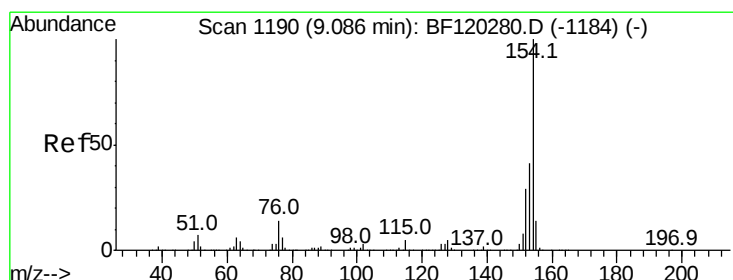
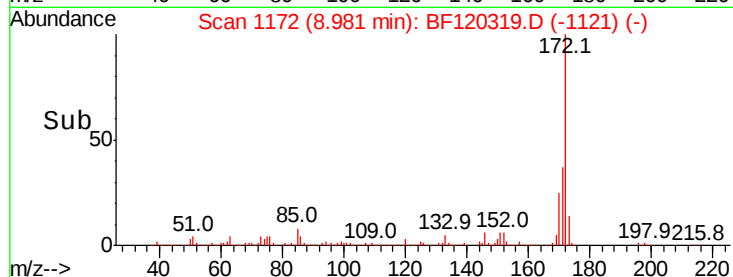
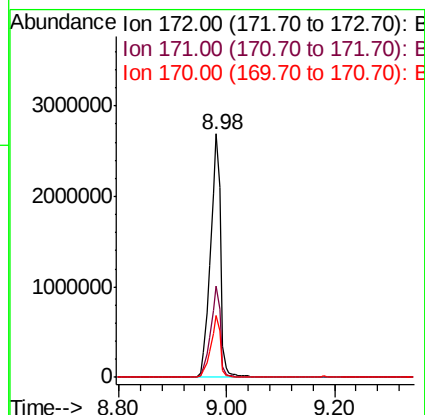
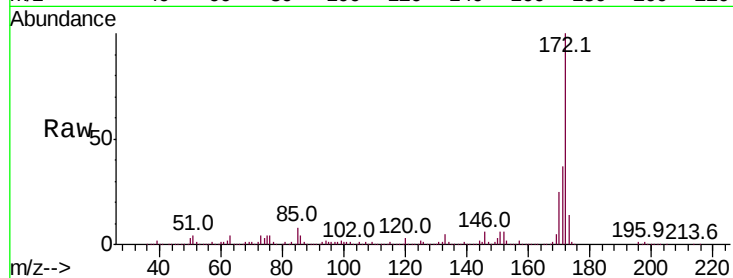


#45
 2-Fluorobiphenyl
 Concen: 104.401 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF120319.D
 Acq: 15 May 2020 14:07

Instrument :
 BNA_F
 ClientSampleId :
 PB128905BS

Tot Ion:172 Resp: 3464007

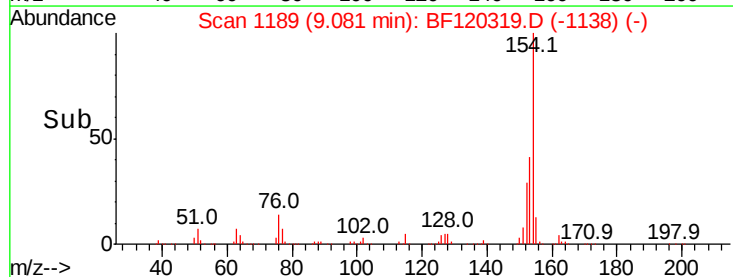
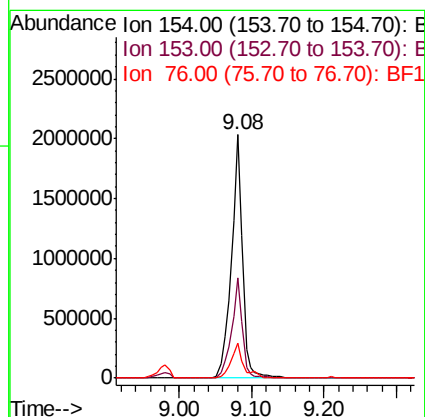
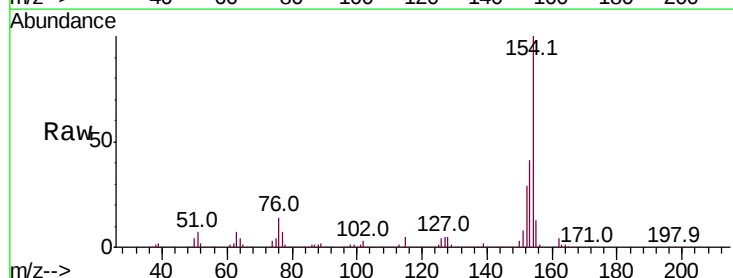
Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	25.2	19.9	29.9

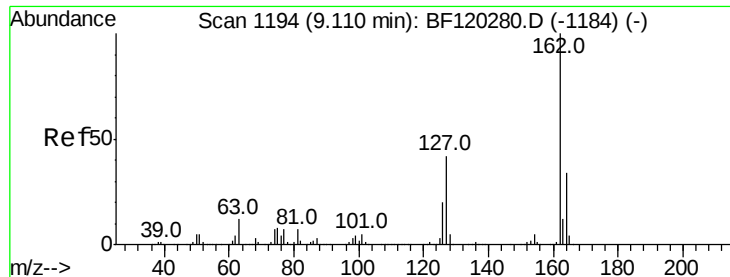


#46
 1,1'-Biphenyl
 Concen: 49.386 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF120319.D
 Acq: 15 May 2020 14:07

Tgt Ion:154 Resp: 2205765

Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.8	60.8
76	14.1	0.0	34.3

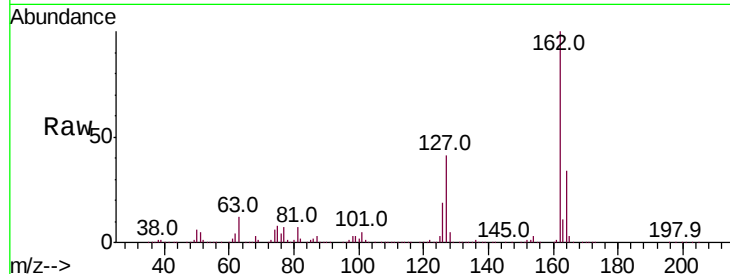




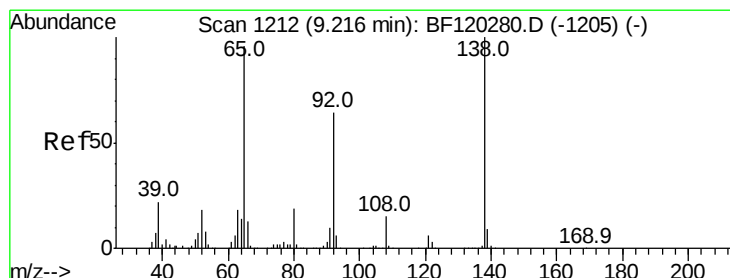
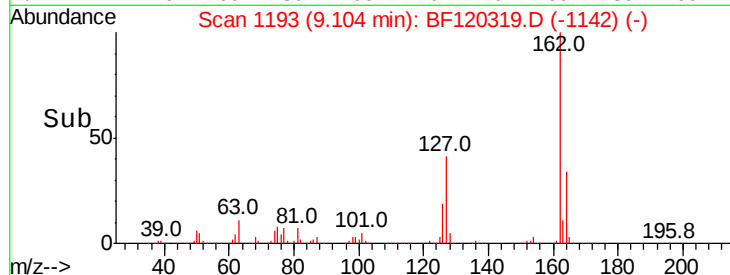
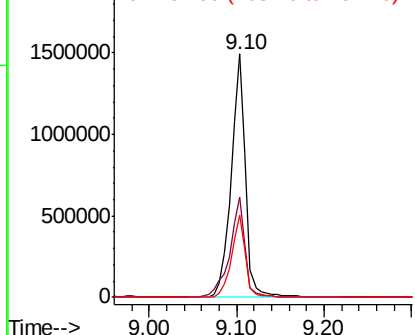
#47
2-Chloronaphthalene
Concen: 47.137 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF120319.D
Acq: 15 May 2020 14:07

Instrument :
BNA_F
ClientSampleId :
PB128905BS

Tot Ion:162 Resp: 1688774
Ion Ratio Lower Upper
162 100
127 41.0 33.4 50.0
164 33.6 27.0 40.6

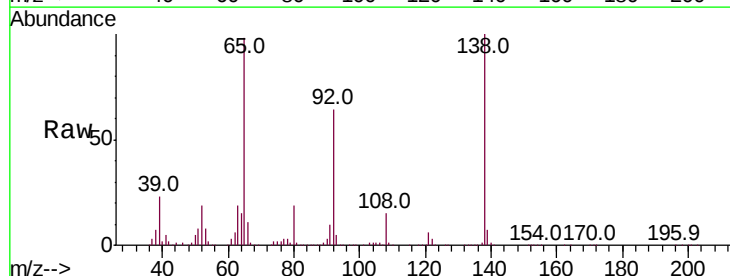


Abundance Ion 162.00 (161.70 to 162.70): E
2000000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

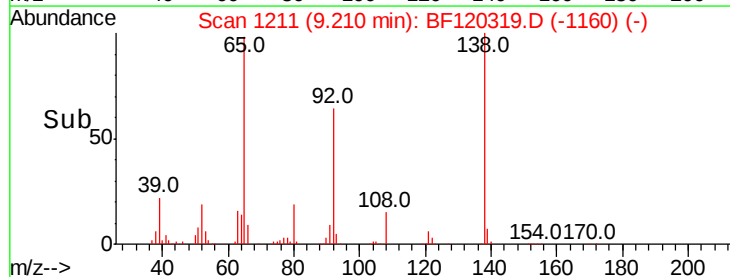
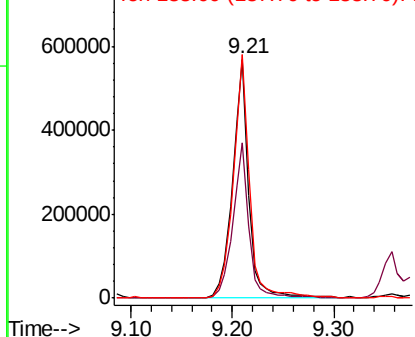


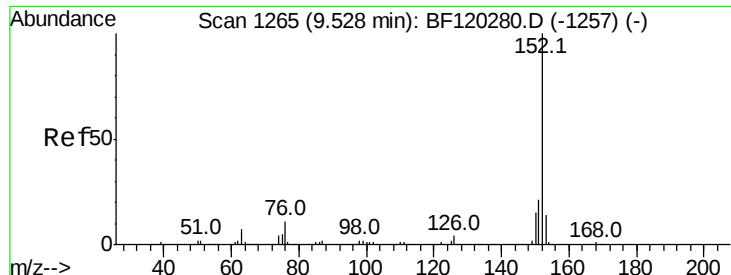
#48
2-Nitroaniline
Concen: 47.901 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120319.D
Acq: 15 May 2020 14:07

Tgt Ion: 65 Resp: 626159
Ion Ratio Lower Upper
65 100
92 64.8 52.9 79.3
138 101.9 83.0 124.4



Abundance Ion 65.00 (64.70 to 65.70): BF1
800000 Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.489 ng

RT: 9.52 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Instrument :

BNA_F

ClientSampleId :

PB128905BS

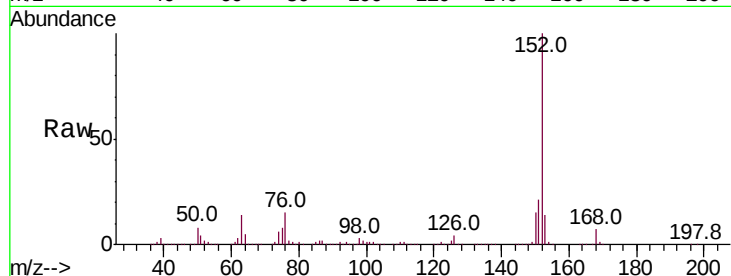
Tot Ion:152 Resp: 2653650

Ion Ratio Lower Upper

152 100

151 20.8 16.6 25.0

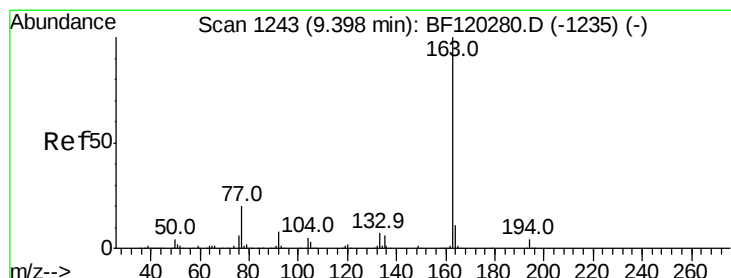
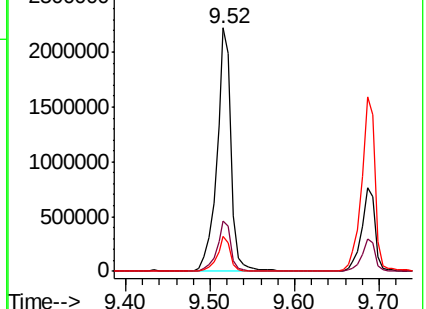
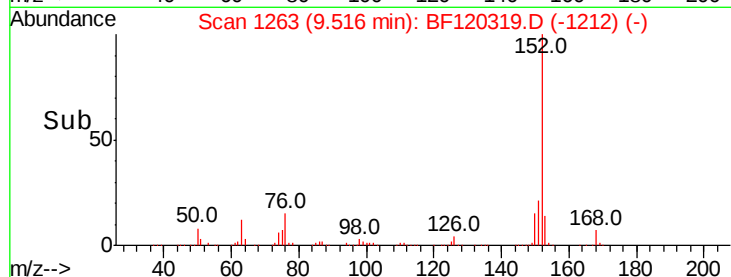
153 14.1 11.1 16.7



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: 47.292 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

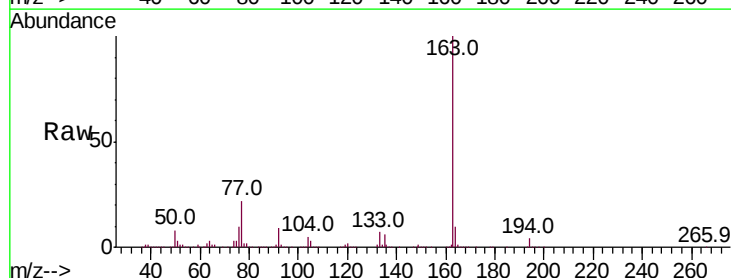
Tgt Ion:163 Resp: 2037854

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

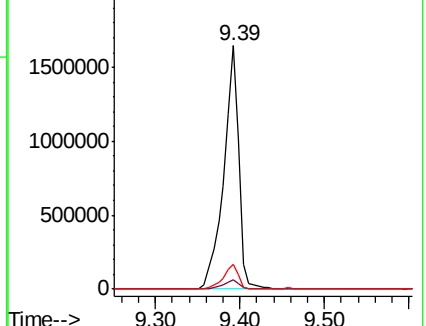
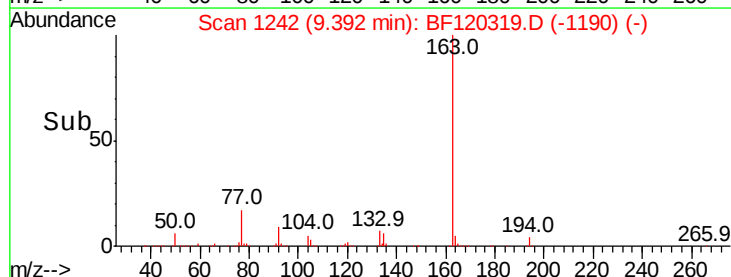
164 10.3 8.6 12.8

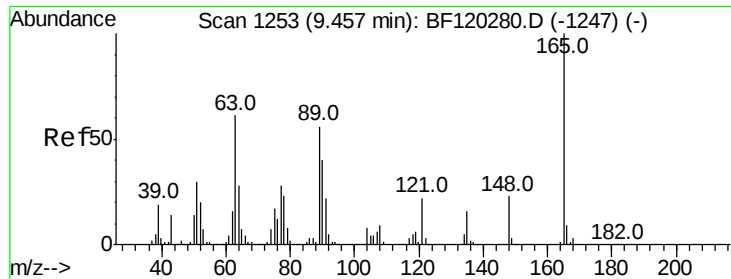


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.564 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.01 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Instrument :

BNA_F

ClientSampleId :

PB128905BS

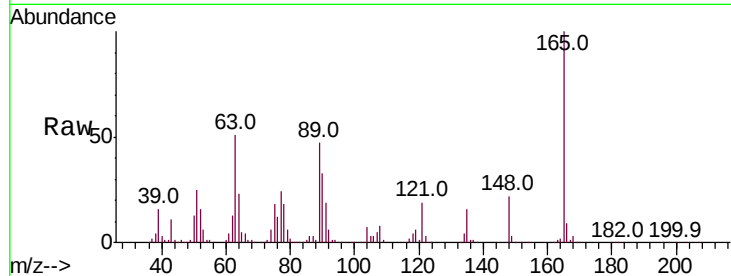
Tot Ion:165 Resp: 457450

Ion Ratio Lower Upper

165 100

63 50.9 50.2 75.2

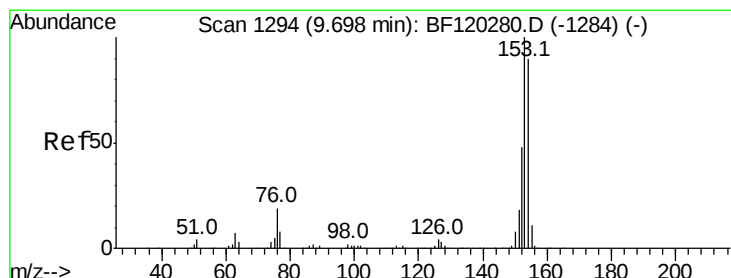
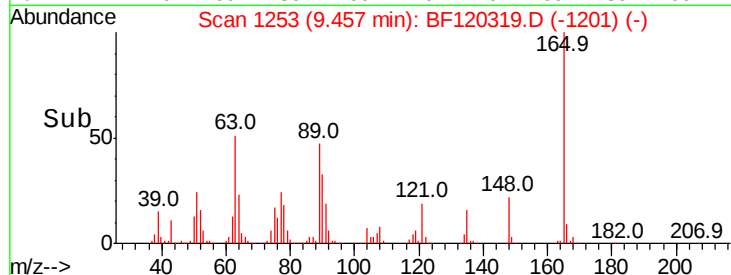
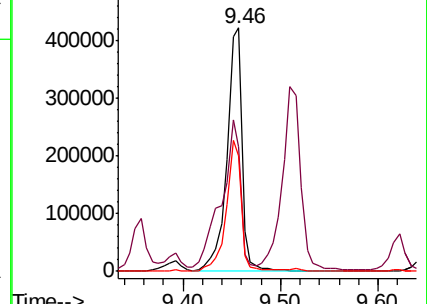
89 47.3 44.6 66.8



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: 47.309 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

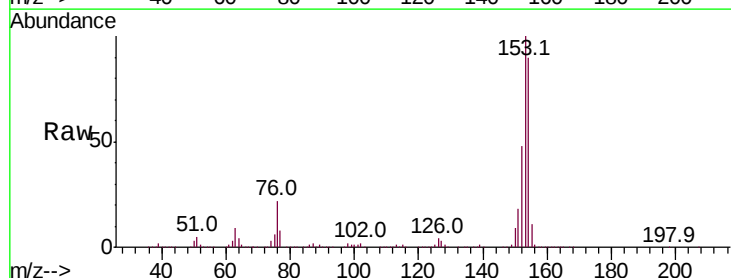
Tgt Ion:154 Resp: 1551913

Ion Ratio Lower Upper

154 100

153 111.2 89.0 133.4

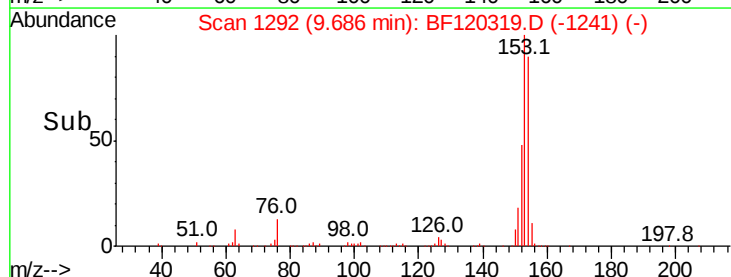
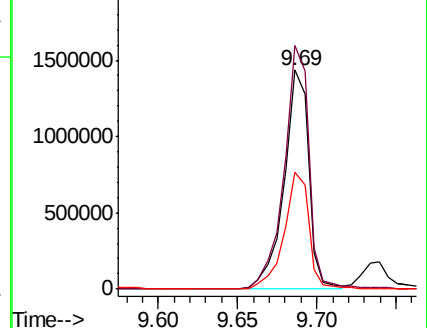
152 53.3 42.6 64.0

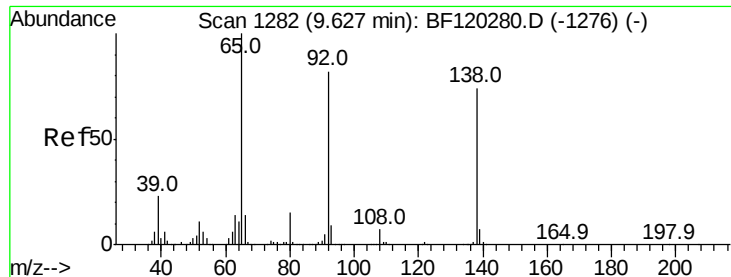


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

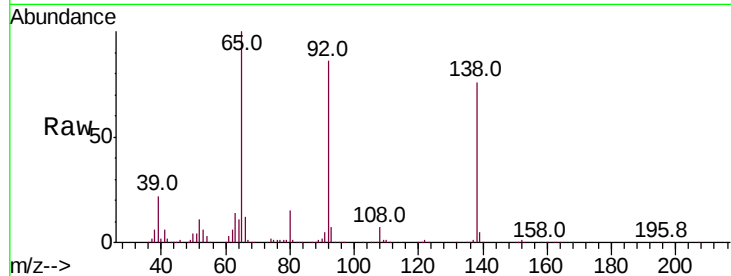




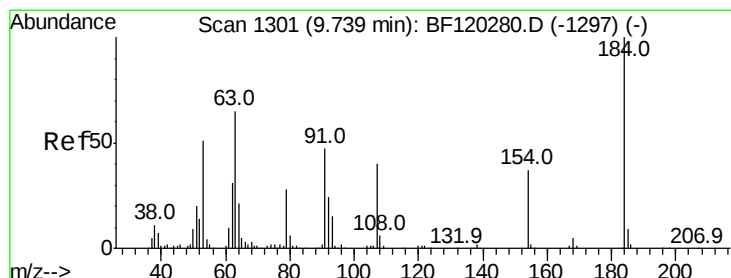
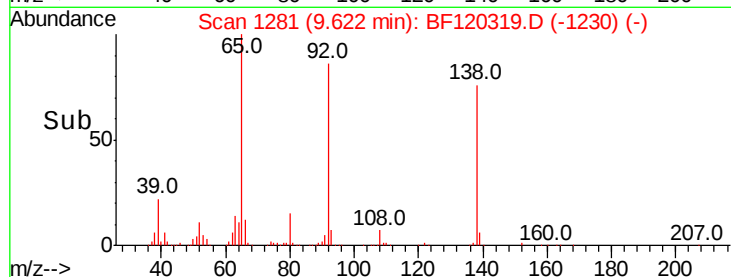
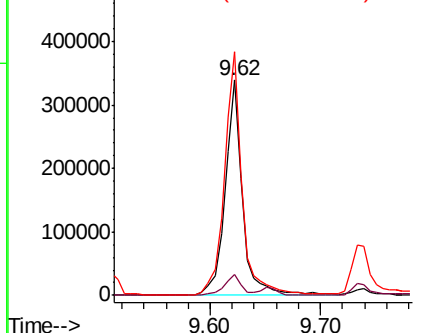
#53
3-Nitroaniline
Concen: 32.619 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF120319.D
Acq: 15 May 2020 14:07

Instrument :
BNA_F
ClientSampleId :
PB128905BS

Tot Ion:138 Resp: 374110
Ion Ratio Lower Upper
138 100
108 9.7 8.2 12.2
92 113.2 89.6 134.4

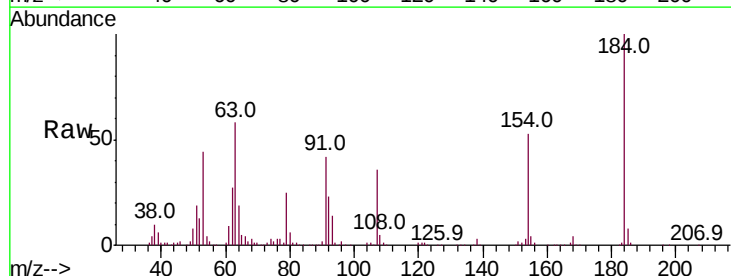


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

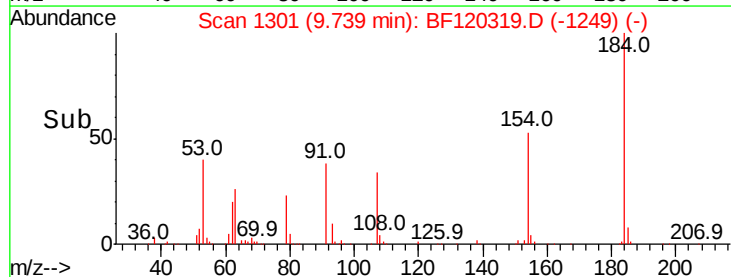
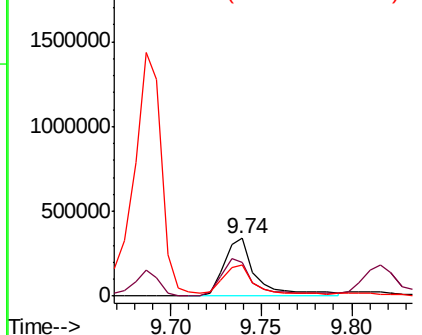


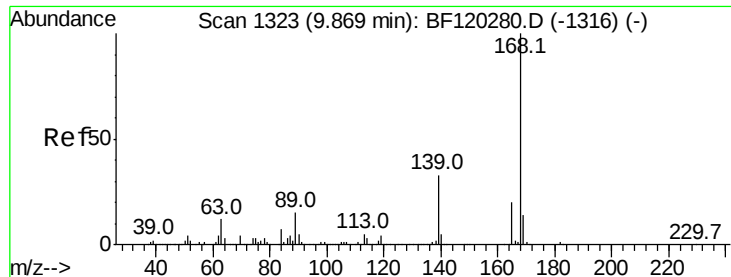
#54
2,4-Dinitrophenol
Concen: 93.693 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF120319.D
Acq: 15 May 2020 14:07

Tgt Ion:184 Resp: 425347
Ion Ratio Lower Upper
184 100
63 57.7 53.6 80.4
154 53.2 46.8 70.2



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

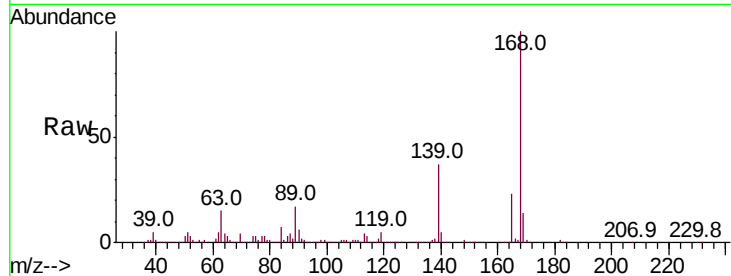




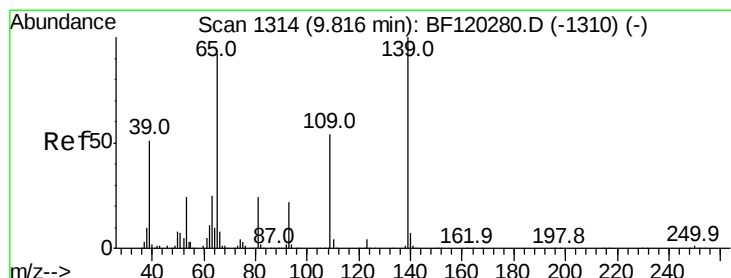
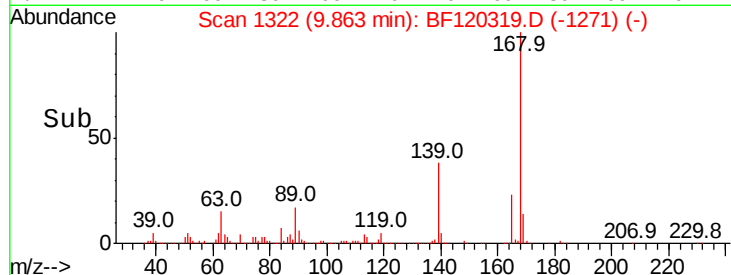
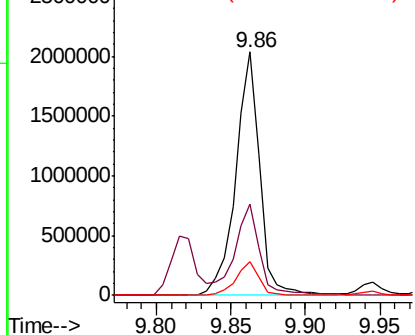
#55
 Dibenzofuran
 Concen: 48.331 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF120319.D
 Acq: 15 May 2020 14:07

Instrument :
 BNA_F
 ClientSampleId :
 PB128905BS

Tot Ion:168 Resp: 2283152
 Ion Ratio Lower Upper
 168 100
 139 37.5 29.8 44.6
 169 13.8 11.0 16.6

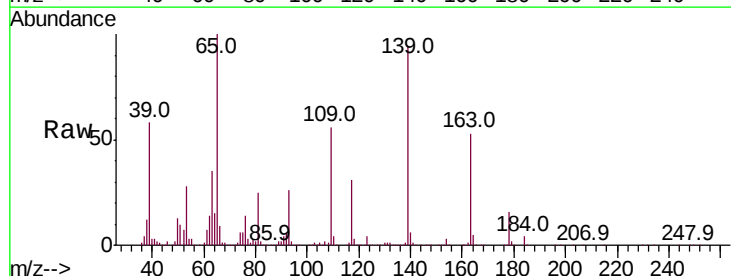


Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

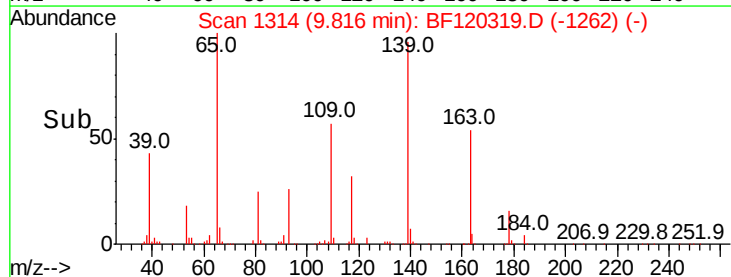
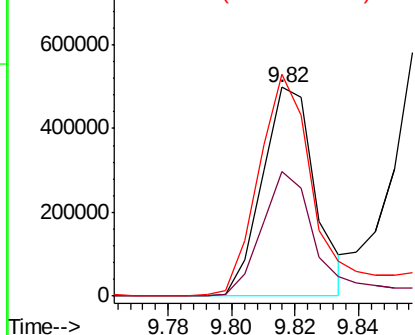


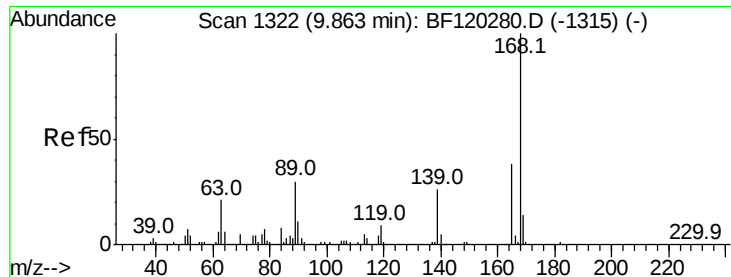
#56
 4-Nitrophenol
 Concen: 94.127 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF120319.D
 Acq: 15 May 2020 14:07

Tgt Ion:139 Resp: 580070
 Ion Ratio Lower Upper
 139 100
 109 59.4 34.6 74.6
 65 106.3 73.3 113.3



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

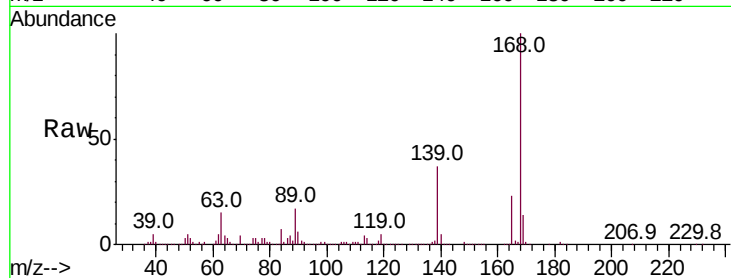




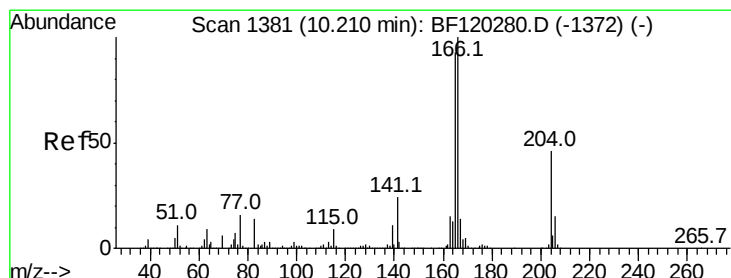
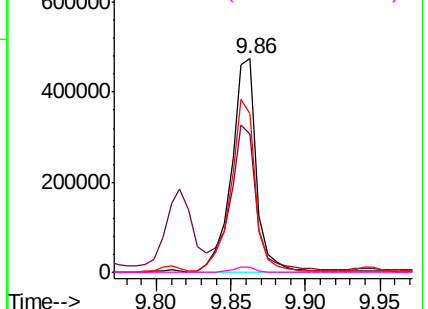
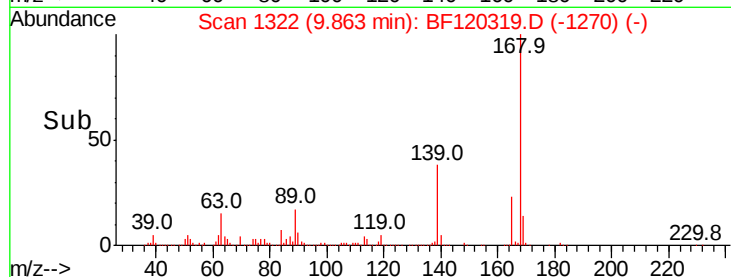
#57
 2,4-Dinitrotoluene
 Concen: 49.337 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: BF120319.D
 Acq: 15 May 2020 14:07

Instrument :
 BNA_F
 ClientSampleId :
 PB128905BS

Tot Ion:	165	Resp:	556609
Ion	Ratio	Lower	Upper
165	100		
63	64.9	51.8	77.8
89	74.5	64.2	96.4
182	2.5	2.0	3.0

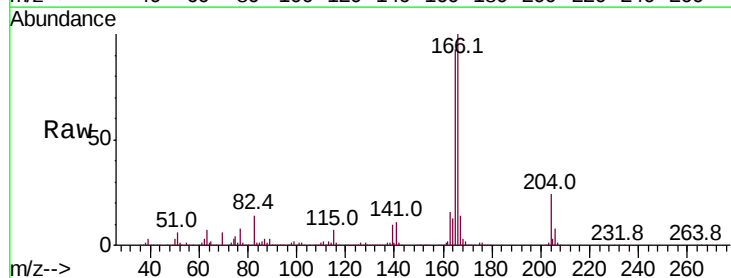


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

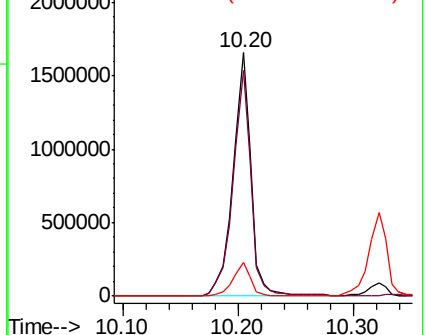
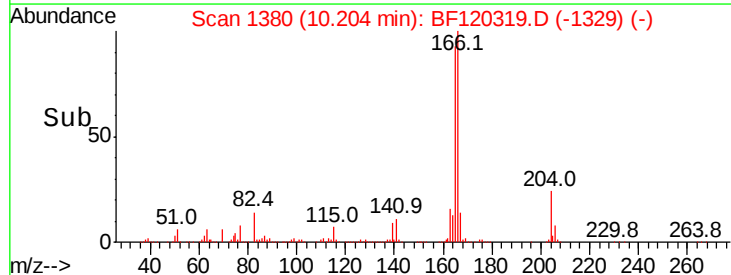


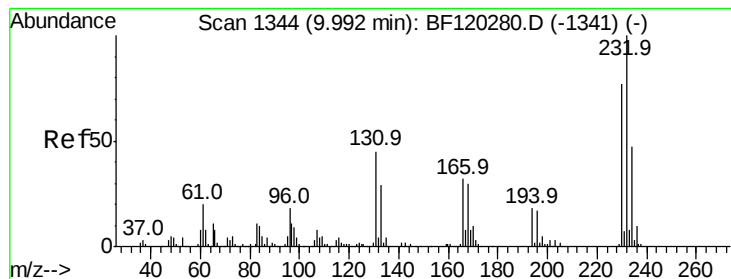
#58
 Fluorene
 Concen: 49.292 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF120319.D
 Acq: 15 May 2020 14:07

Tgt Ion:	166	Resp:	1773340
Ion	Ratio	Lower	Upper
166	100		
165	92.7	74.7	112.1
167	13.9	11.4	17.0



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: 50.454 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Instrument :

BNA_F

ClientSampleId :

PB128905BS

Tot Ion:232 Resp: 503103

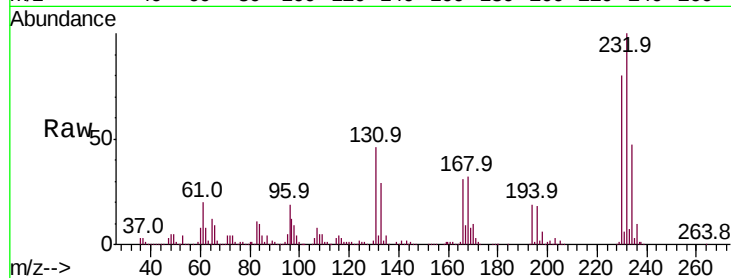
Ion Ratio Lower Upper

232 100

131 41.9 34.1 51.1

130 1.9 1.7 2.5

166 29.1 23.3 34.9



Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

2500000

2000000

1500000

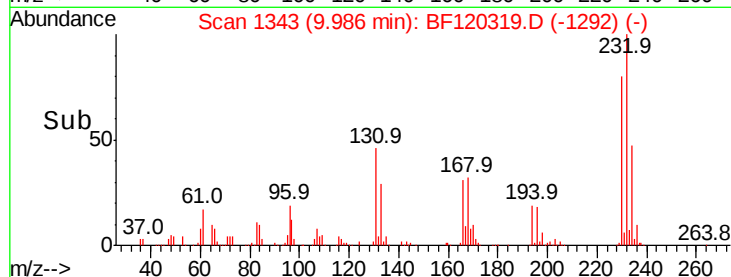
1000000

500000

0

9.90 9.99 10.00 10.10

Time-->



#60

Diethylphthalate

Concen: 49.552 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

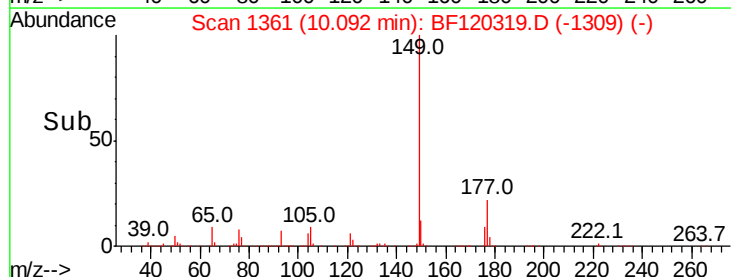
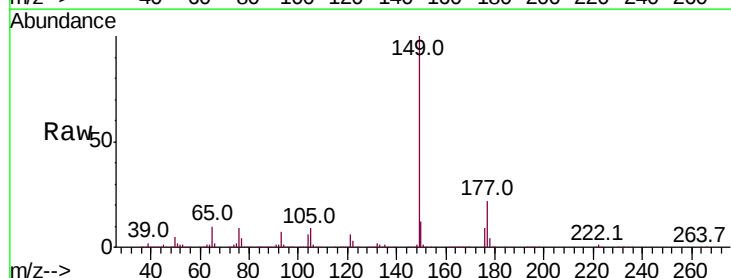
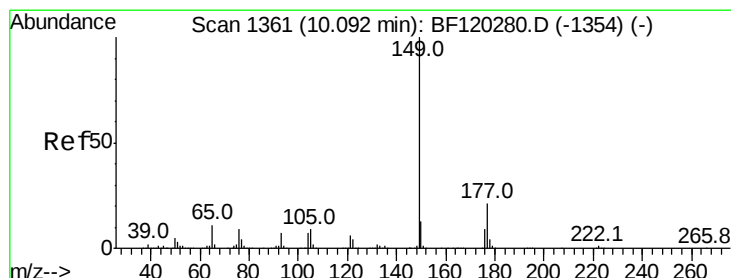
Tgt Ion:149 Resp: 2061453

Ion Ratio Lower Upper

149 100

177 21.8 17.1 25.7

150 12.5 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

2500000

2000000

1500000

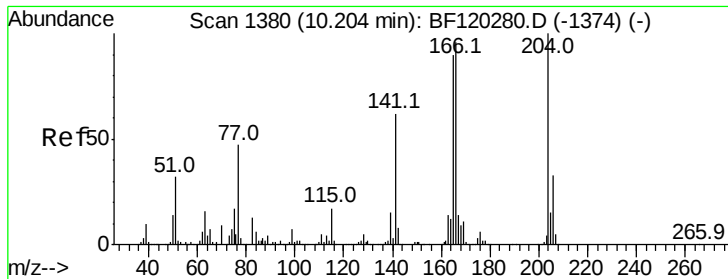
1000000

500000

0

10.00 10.09 10.10 10.20

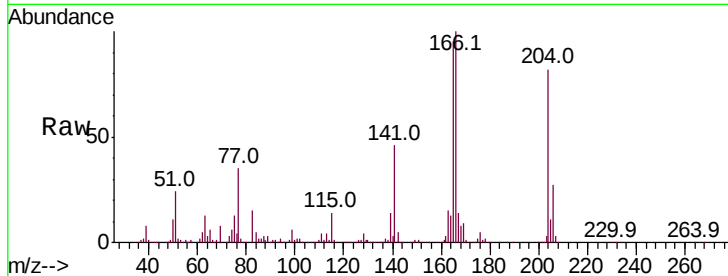
Time-->



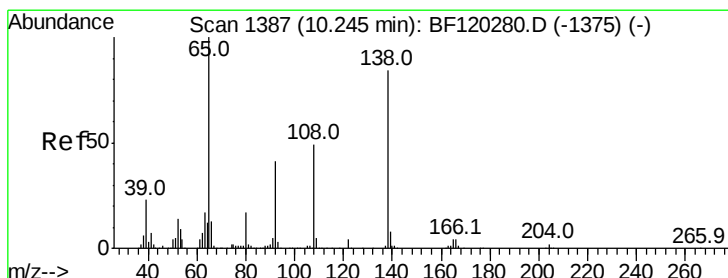
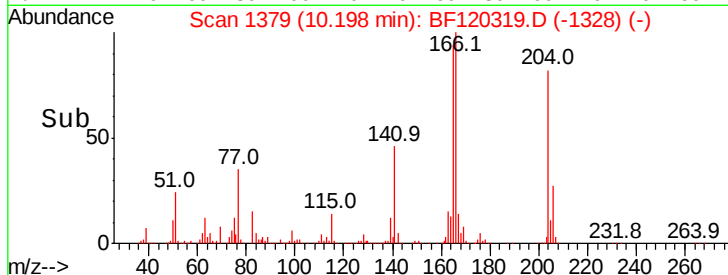
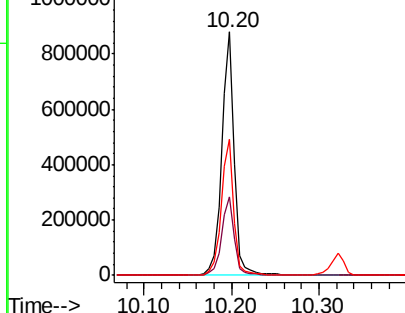
#61
 4-Chlorophenyl-phenylether
 Concen: 46.517 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. 0.00 min
 Lab File: BF120319.D
 Acq: 15 May 2020 14:07

Instrument :
 BNA_F
 ClientSampleID :
 PB128905BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.8	40.2
141	55.7	49.5	74.3

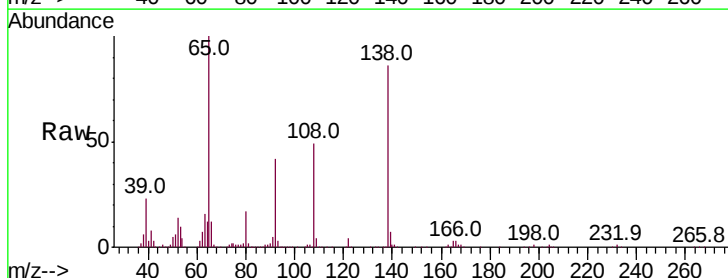


Abundance Ion 204.00 (203.70 to 204.70): E
 1200000
 Ion 206.00 (205.70 to 206.70): E
 1000000
 Ion 141.00 (140.70 to 141.70): E
 800000
 600000
 400000
 200000
 0

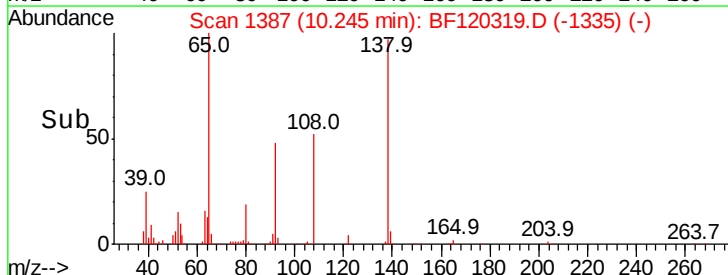
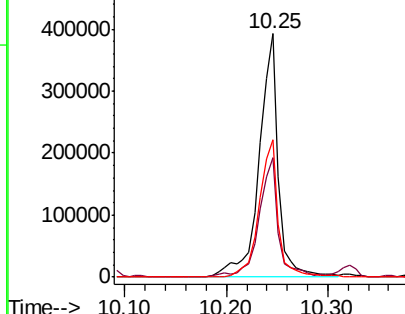


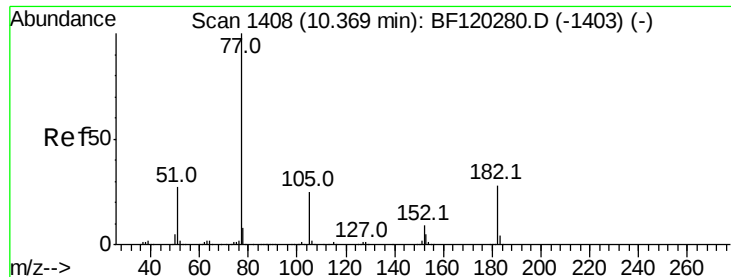
#62
 4-Nitroaniline
 Concen: 48.336 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF120319.D
 Acq: 15 May 2020 14:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	28.9	68.9
108	56.6	38.4	78.4



Abundance Ion 138.00 (137.70 to 138.70): E
 500000
 Ion 92.00 (91.70 to 92.70): BF1
 400000
 Ion 108.00 (107.70 to 108.70): E
 300000
 200000
 100000
 0





#63

Azobenzene

Concen: 50.593 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Instrument :

BNA_F

ClientSampleId :

PB128905BS

Tot Ion: 77 Resp: 1989220

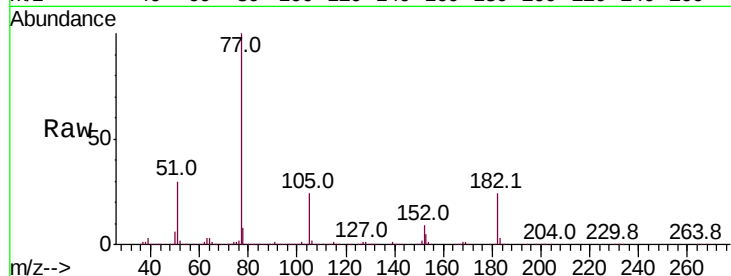
Ion Ratio Lower Upper

77 100

182 23.8 7.4 47.4

105 23.5 4.4 44.4

51 30.3 8.3 48.3

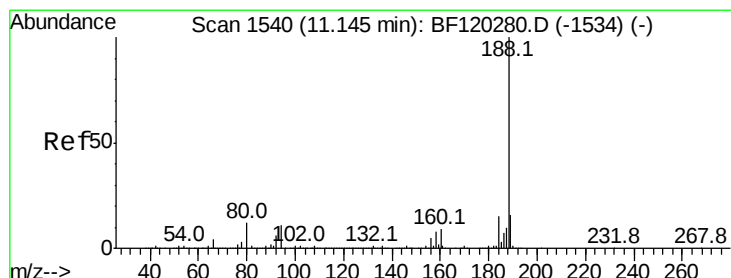
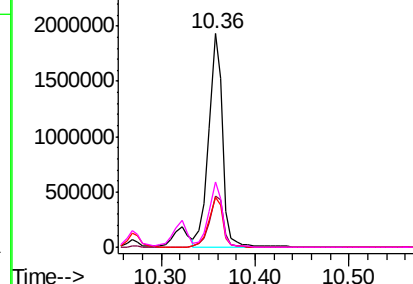
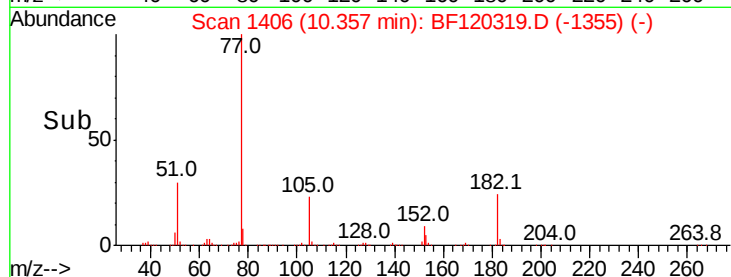


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.13 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

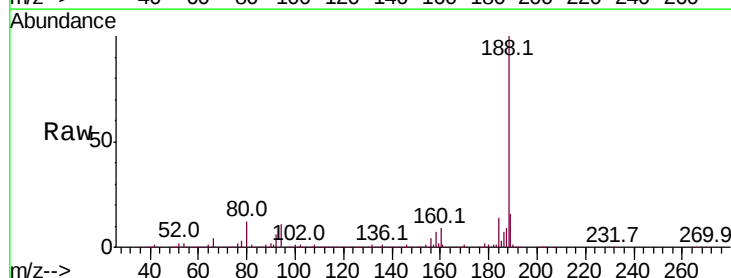
Tgt Ion: 188 Resp: 1278642

Ion Ratio Lower Upper

188 100

94 11.0 8.6 13.0

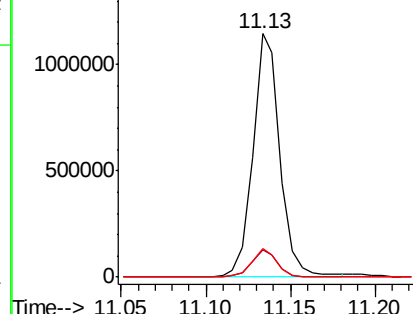
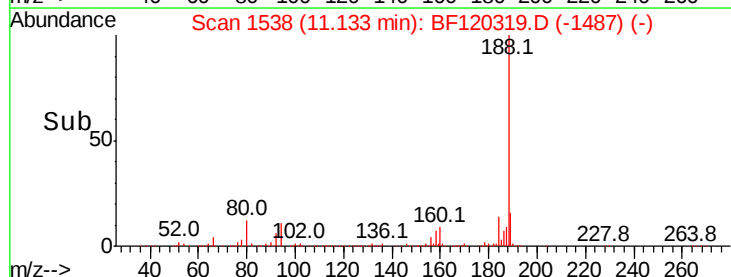
80 11.6 9.2 13.8

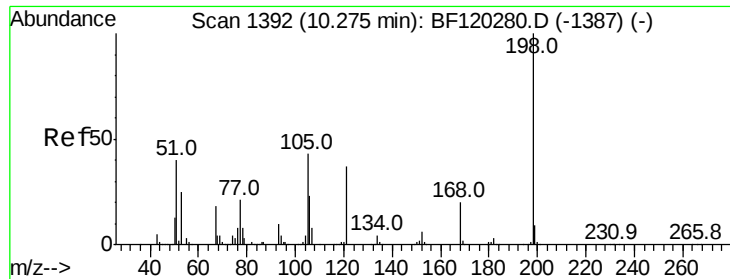


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

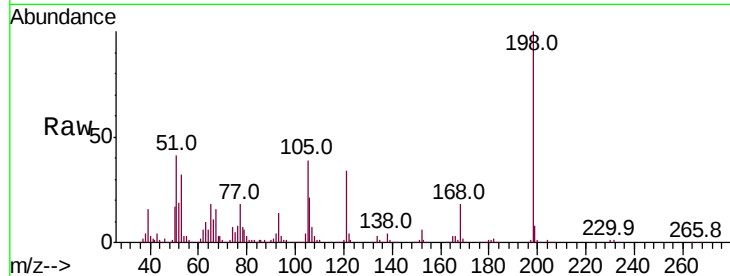




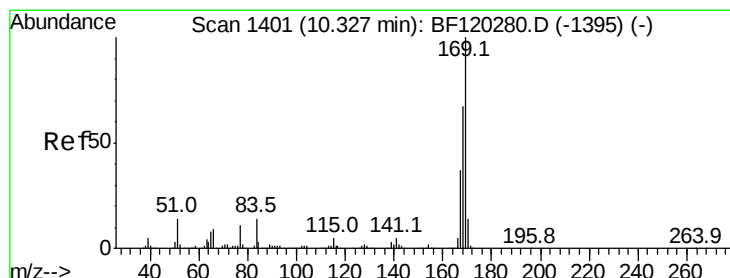
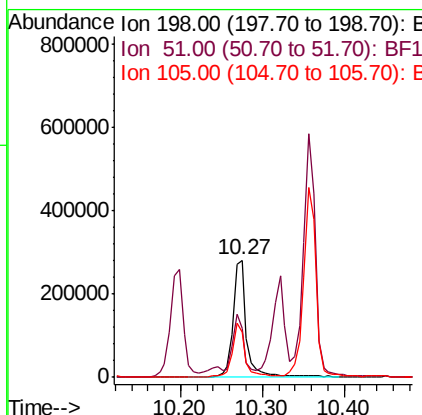
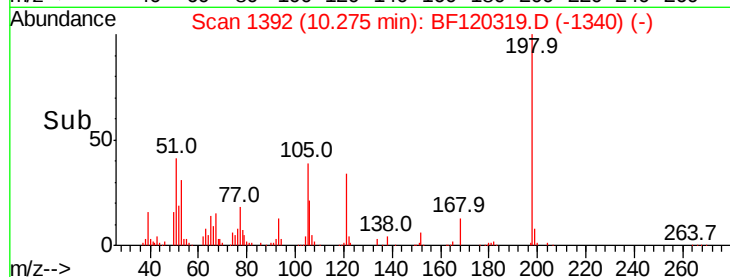
#65
4,6-Dinitro-2-methylphenol
Concen: 50.380 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF120319.D
Acq: 15 May 2020 14:07

Instrument :
BNA_F
ClientSampleId :
PB128905BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.4	27.1	67.1
105	38.9	24.3	64.3

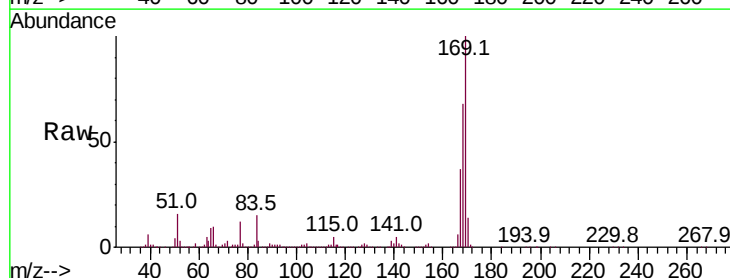


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

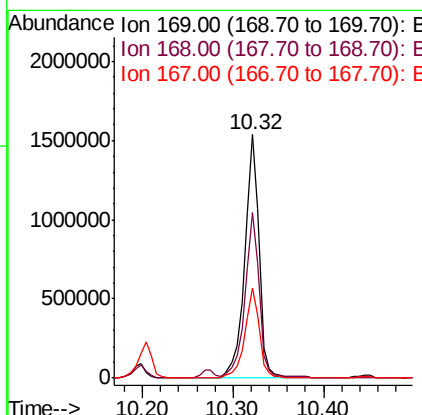
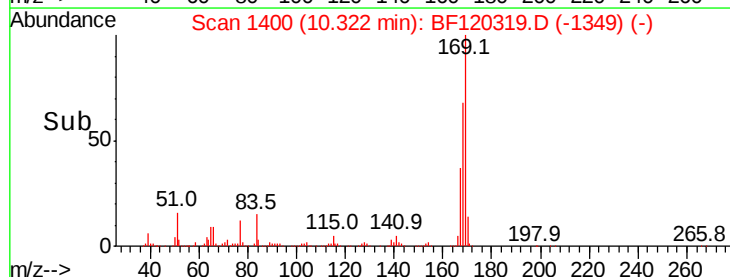


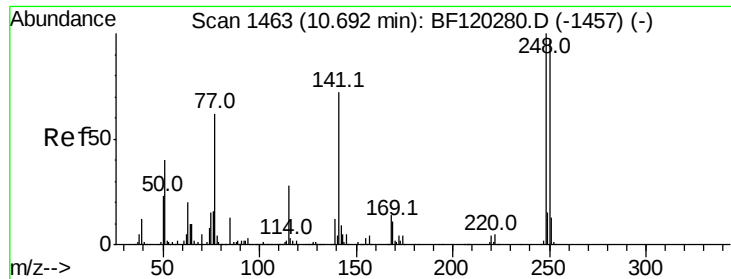
#66
n-Nitrosodiphenylamine
Concen: 48.282 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF120319.D
Acq: 15 May 2020 14:07

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.1	53.7	80.5
167	37.2	29.8	44.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

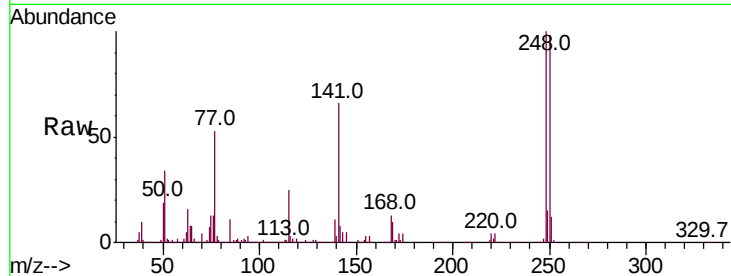




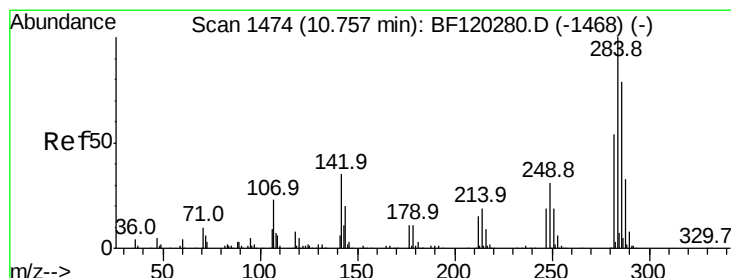
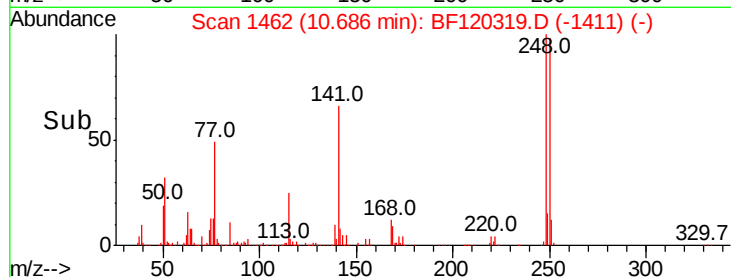
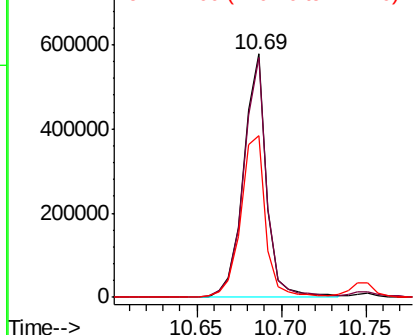
#67
4-Bromophenyl-phenylether
Concen: 44.290 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF120319.D
Acq: 15 May 2020 14:07

Instrument :
BNA_F
ClientSampleId :
PB128905BS

Tot Ion:248 Resp: 549534
Ion Ratio Lower Upper
248 100
250 98.5 77.8 116.6
141 66.4 57.7 86.5

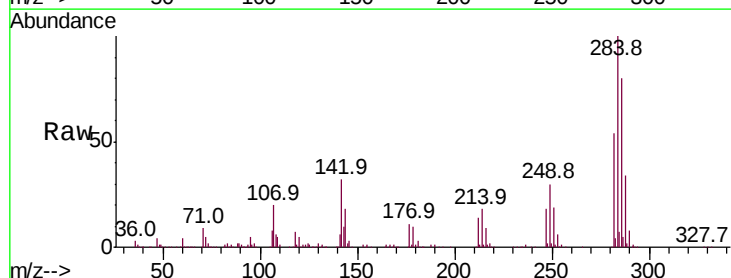


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

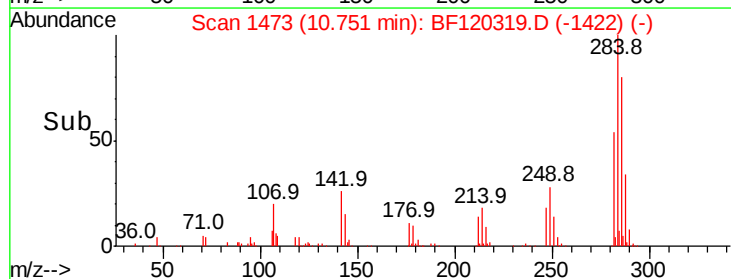
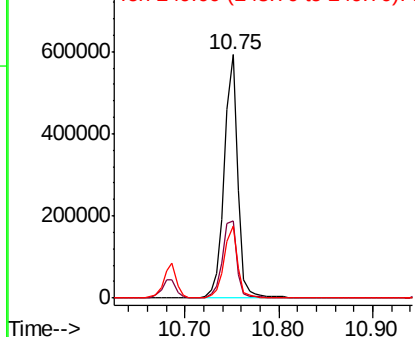


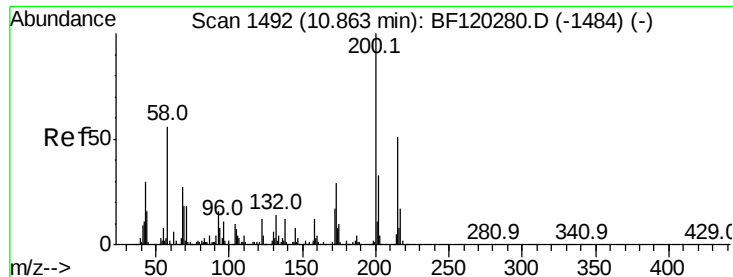
#68
Hexachlorobenzene
Concen: 46.290 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF120319.D
Acq: 15 May 2020 14:07

Tgt Ion:284 Resp: 600869
Ion Ratio Lower Upper
284 100
142 32.0 28.5 42.7
249 29.8 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 45.958 ng

RT: 10.86 min Scan# 1491

Delta R.T. 0.01 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Instrument :

BNA_F

ClientSampleId :

PB128905BS

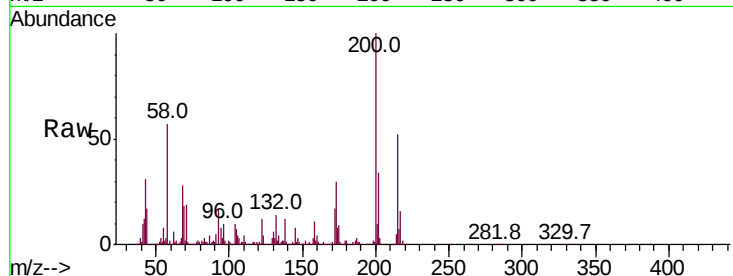
Tot Ion:200 Resp: 486462

Ion Ratio Lower Upper

200 100

173 29.6 8.7 48.7

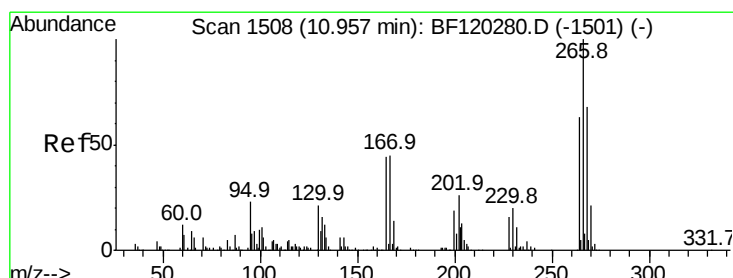
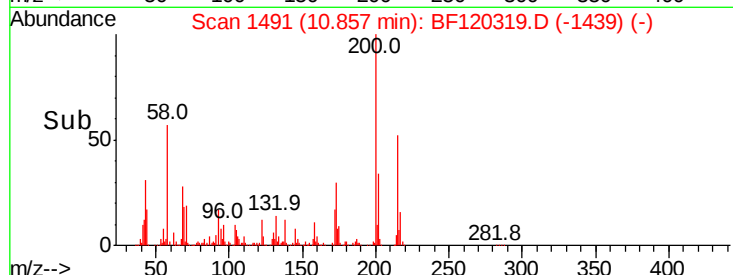
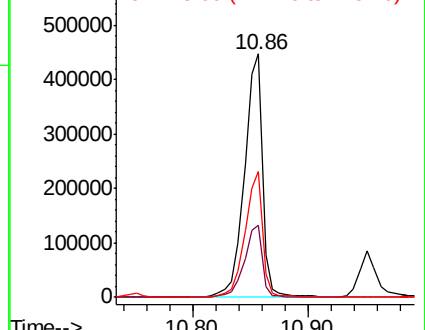
215 51.6 30.6 70.6



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: 94.887 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

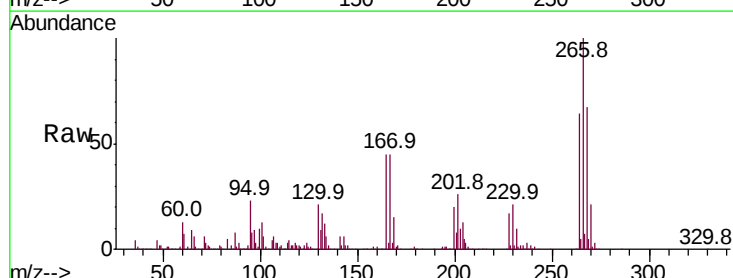
Tgt Ion:266 Resp: 523845

Ion Ratio Lower Upper

266 100

268 66.9 54.2 81.4

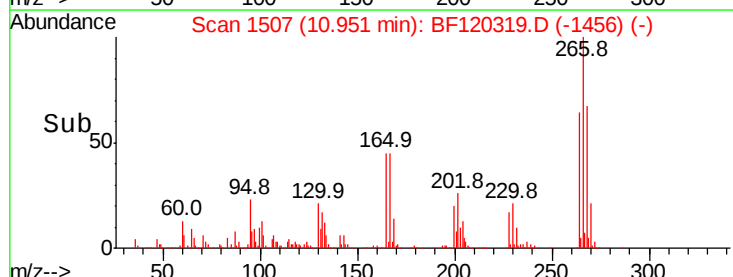
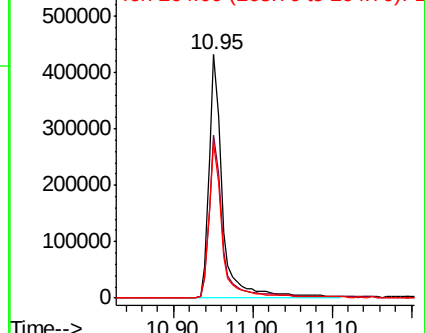
264 63.6 50.2 75.4

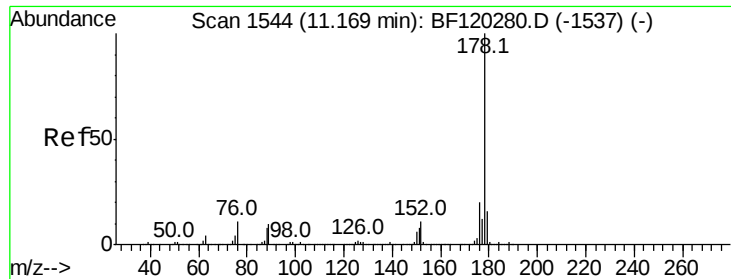


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.327 ng

RT: 11.16 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Instrument :

BNA_F

ClientSampleId :

PB128905BS

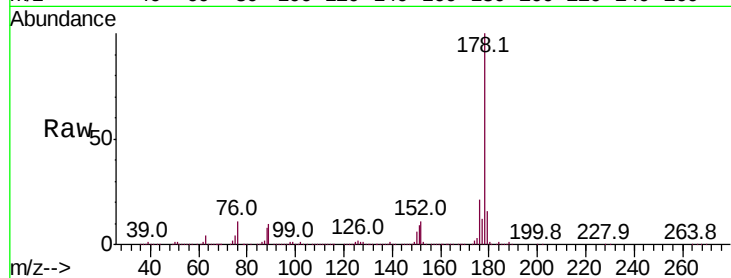
Tot Ion:178 Resp: 2596536

Ion Ratio Lower Upper

178 100

176 20.6 15.8 23.8

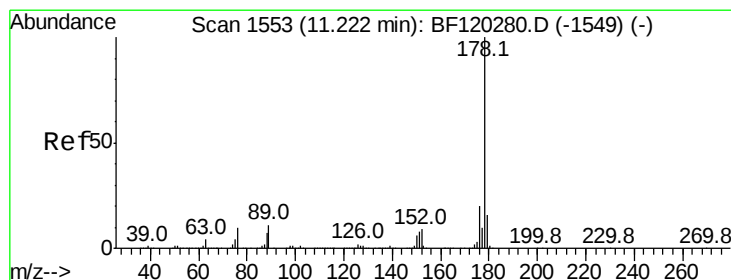
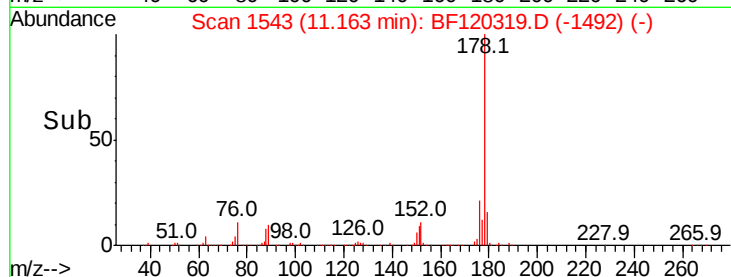
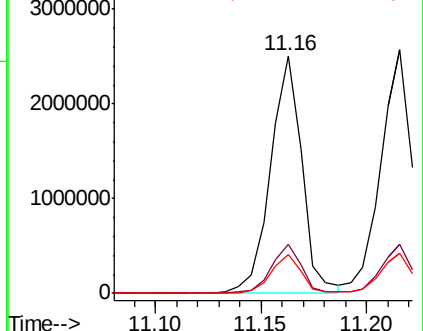
179 16.4 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.922 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

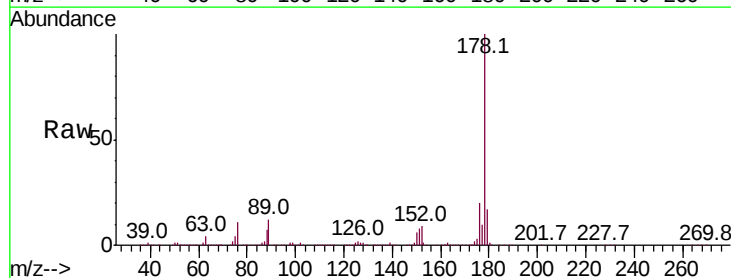
Tgt Ion:178 Resp: 2813907

Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

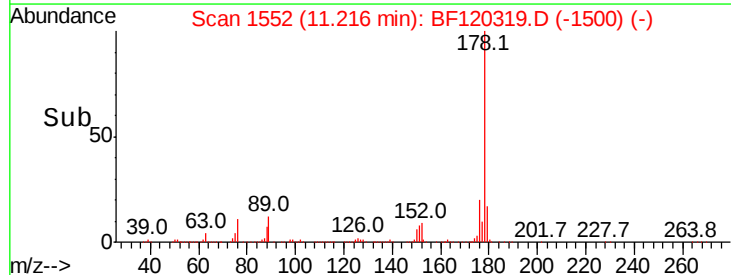
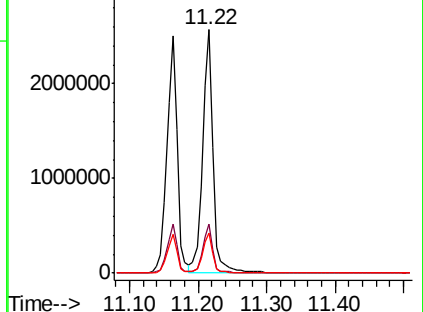
179 16.6 13.0 19.6

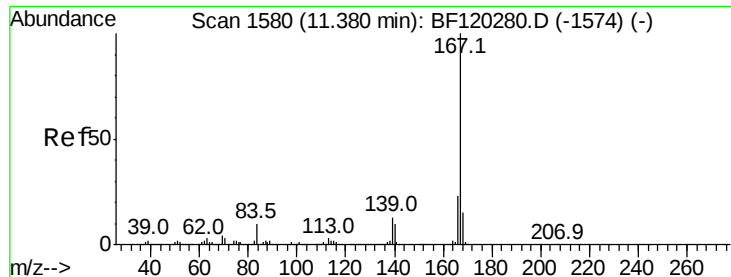


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



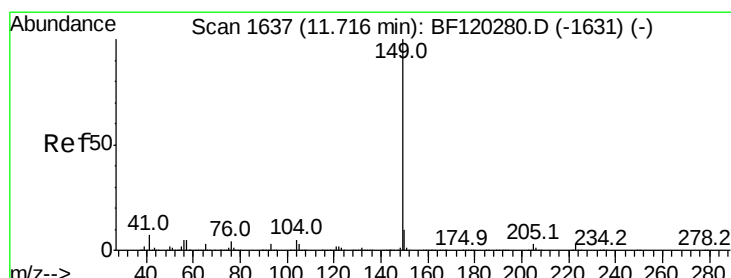
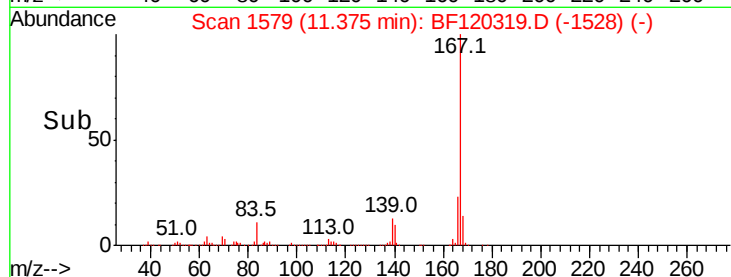
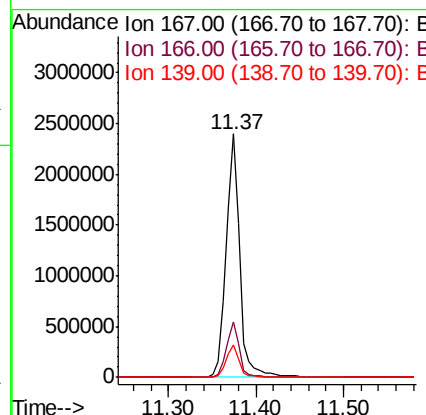
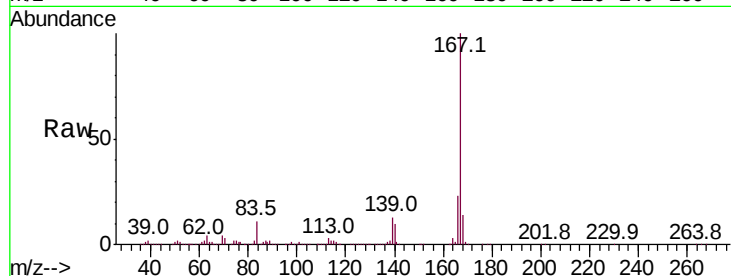


#73
 Carbazole
 Concen: 48.427 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF120319.D
 Acq: 15 May 2020 14:07

Instrument :
 BNA_F
 ClientSampleId :
 PB128905BS

Tot Ion:167 Resp: 2602620

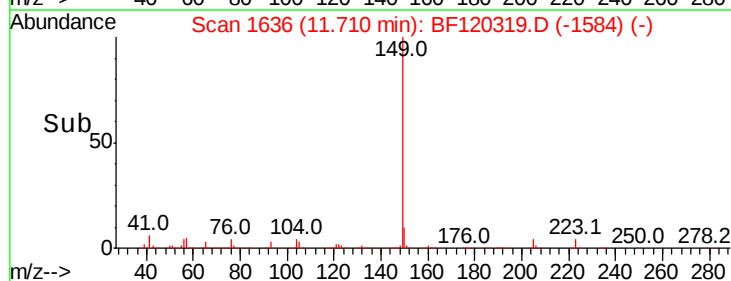
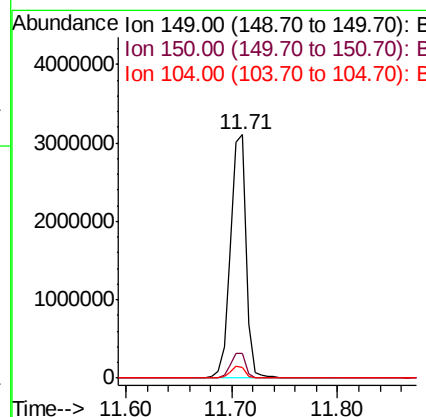
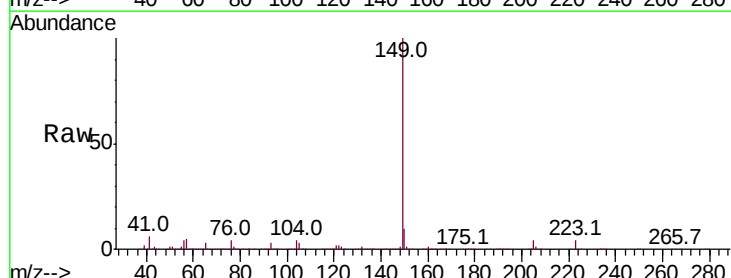
Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.1	27.1
139	13.5	10.6	15.8

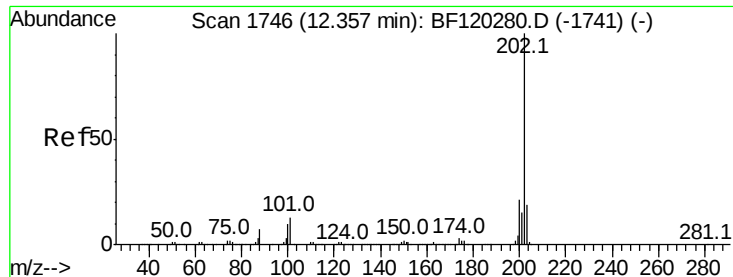


#74
 Di-n-butylphthalate
 Concen: 49.276 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. 0.01 min
 Lab File: BF120319.D
 Acq: 15 May 2020 14:07

Tgt Ion:149 Resp: 3191581

Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.4
104	4.5	3.8	5.8





#75

Fluoranthene

Concen: 50.338 ng

RT: 12.35 min Scan# 1744

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Instrument :

BNA_F

ClientSampleId :

PB128905BS

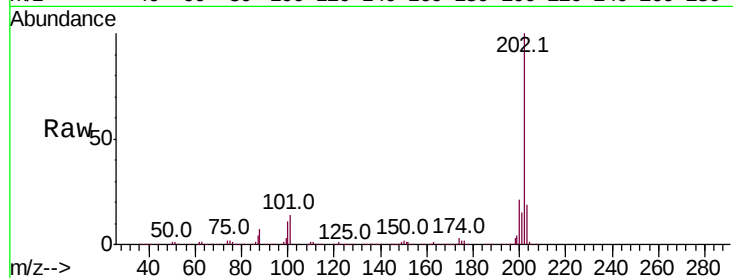
Tot Ion:202 Resp: 2898871

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

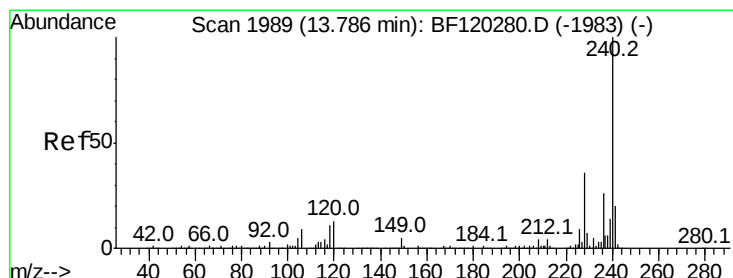
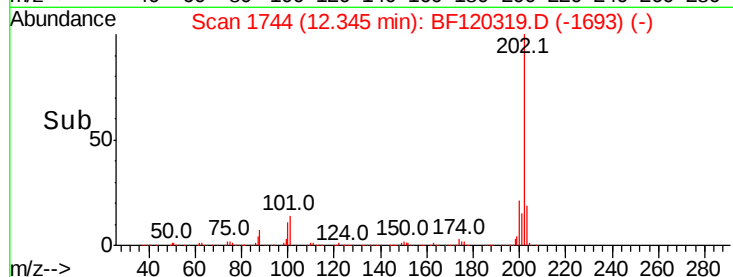
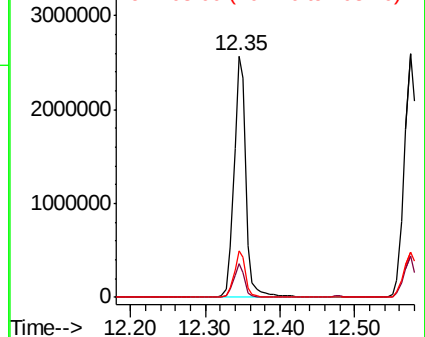
203 19.1 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

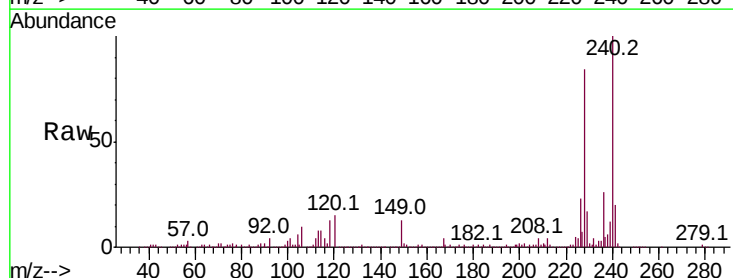
Tgt Ion:240 Resp: 870736

Ion Ratio Lower Upper

240 100

120 14.7 10.4 15.6

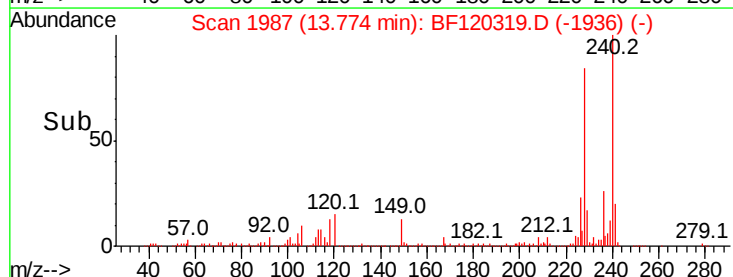
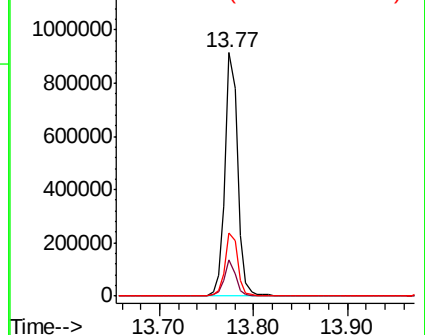
236 25.8 21.0 31.6

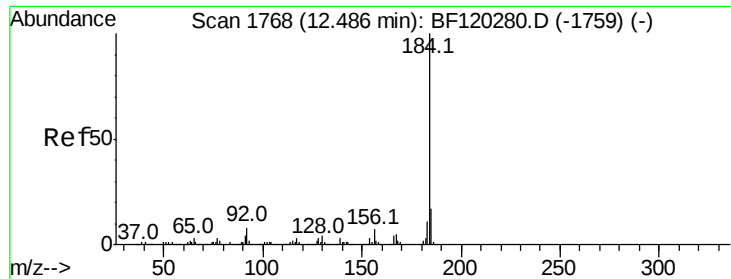


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 78.912 ng

RT: 12.48 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Instrument :

BNA_F

ClientSampleId :

PB128905BS

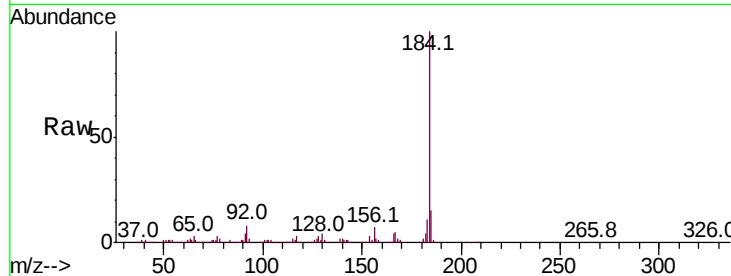
Tot Ion:184 Resp: 2006495

Ion	Ratio	Lower	Upper
184	100		
185	14.7	13.7	20.5
183	11.2	8.7	13.1

184 100

185 14.7 13.7 20.5

183 11.2 8.7 13.1

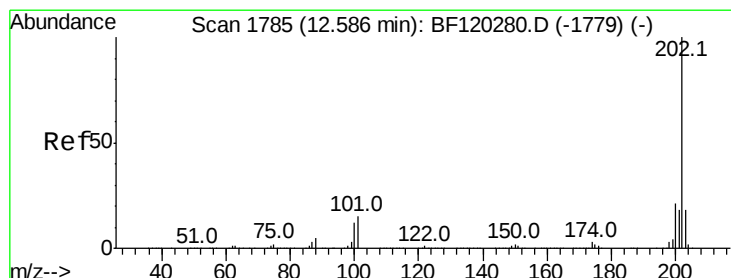
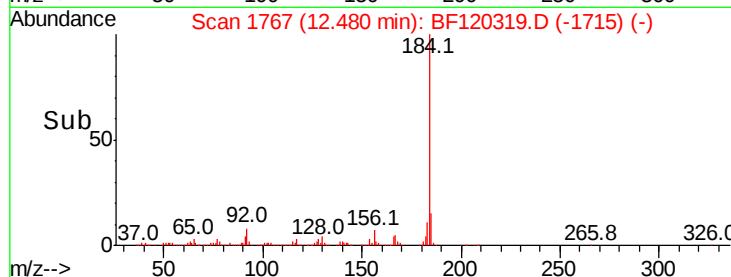
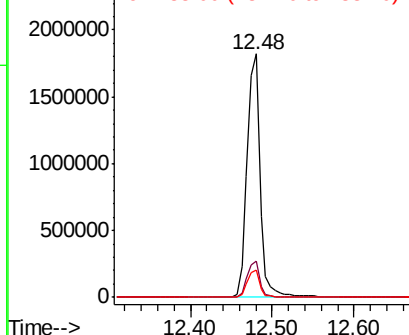


Abundance

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: 47.298 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

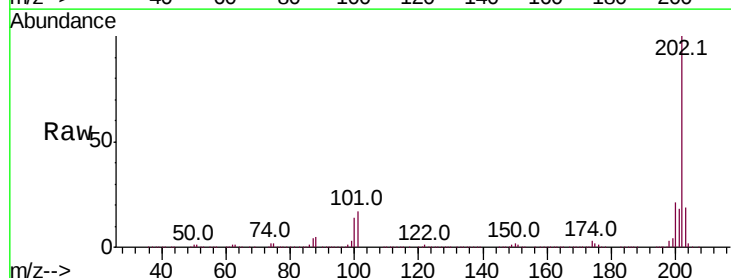
Tgt Ion:202 Resp: 2936042

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	18.8	14.6	22.0

202 100

200 21.3 16.6 25.0

203 18.8 14.6 22.0

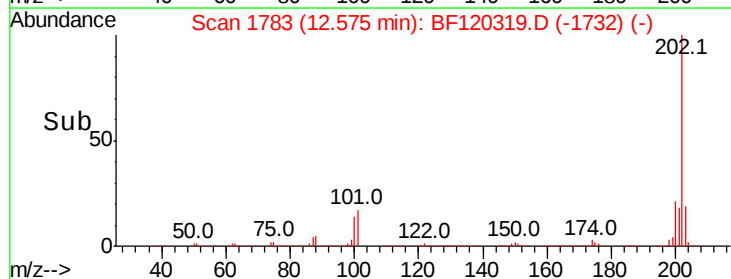
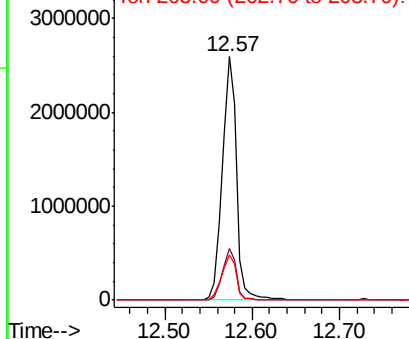


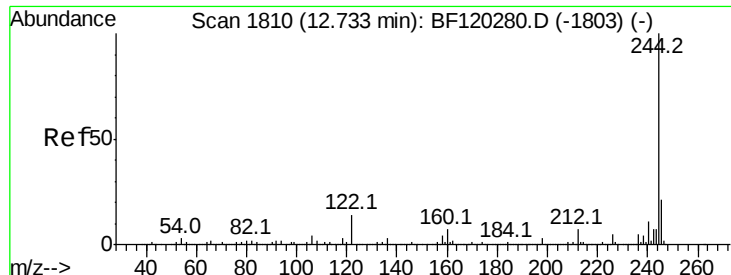
Abundance

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: 94.584 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Instrument :

BNA_F

ClientSampleId :

PB128905BS

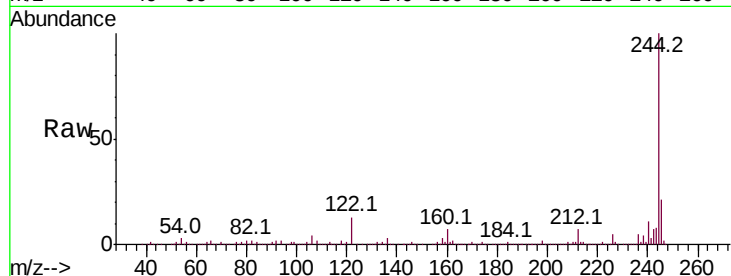
Tot Ion:244 Resp: 3727918

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

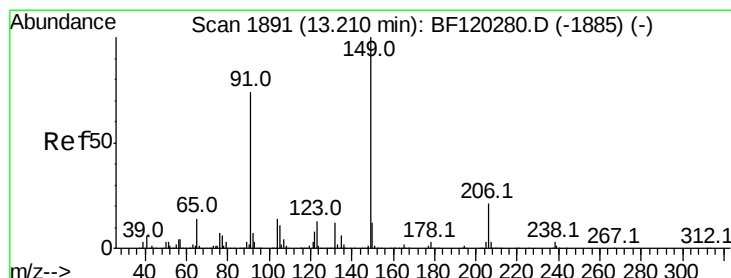
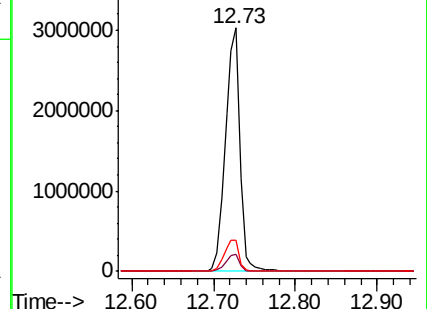
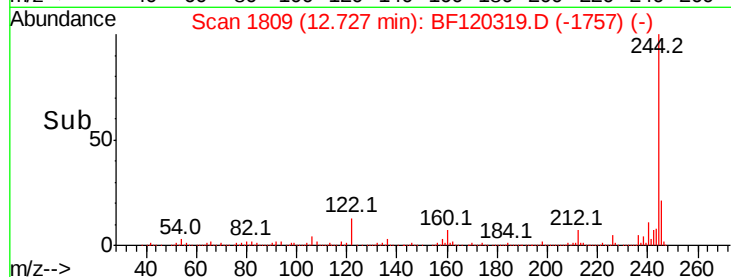
122 13.0 10.8 16.2



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: 48.596 ng

RT: 13.20 min Scan# 1890

Delta R.T. 0.01 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

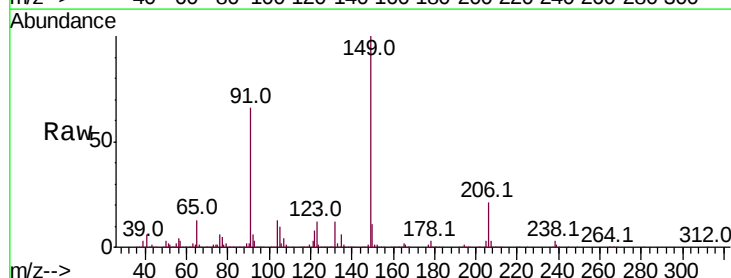
Tgt Ion:149 Resp: 1420480

Ion Ratio Lower Upper

149 100

91 66.5 59.0 88.4

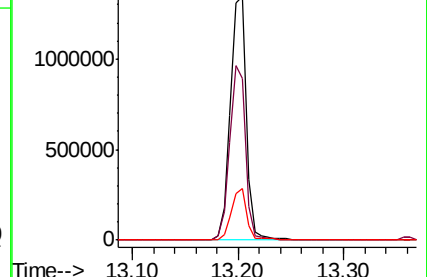
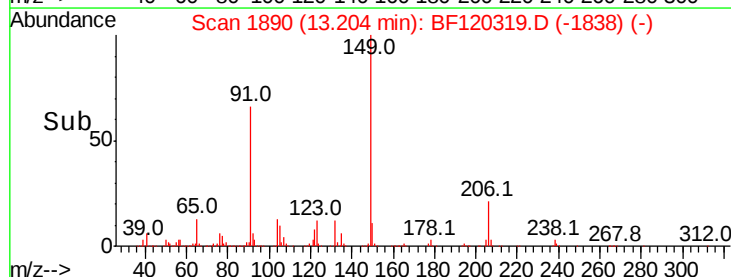
206 21.4 16.8 25.2

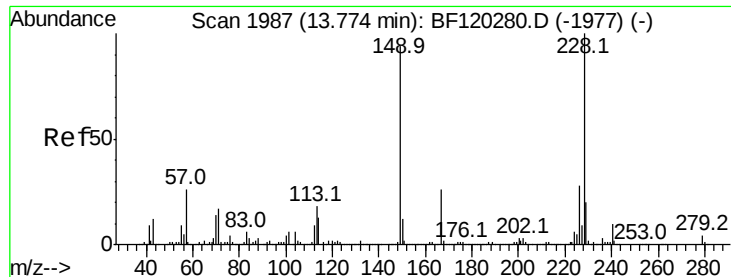


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.807 ng

RT: 13.77 min Scan# 1986

Delta R.T. 0.01 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Instrument :

BNA_F

ClientSampleId :

PB128905BS

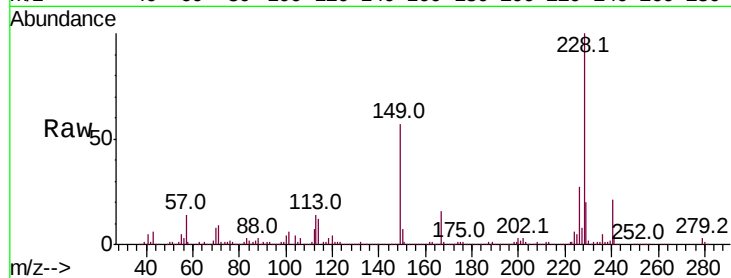
Tot Ion:228 Resp: 2195572

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

229 20.1 16.4 24.6

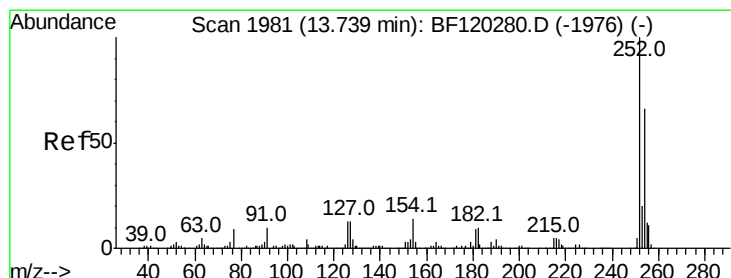
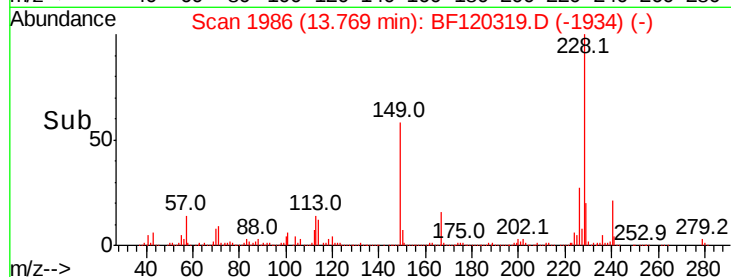
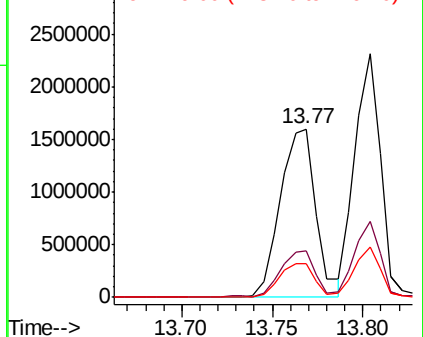


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.677 ng

RT: 13.73 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

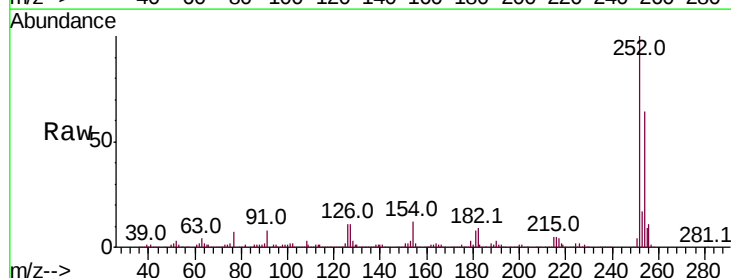
Tgt Ion:252 Resp: 703992

Ion Ratio Lower Upper

252 100

254 63.8 52.6 78.8

126 11.5 10.7 16.1

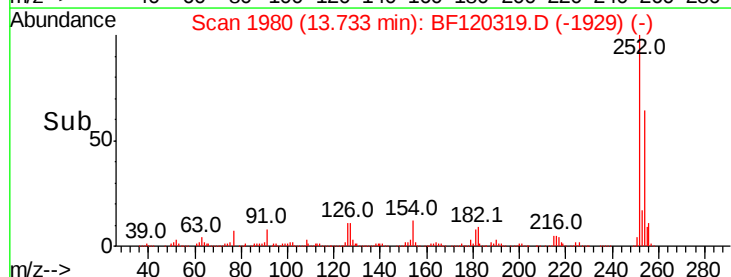
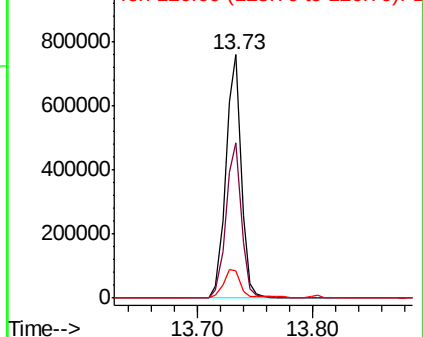


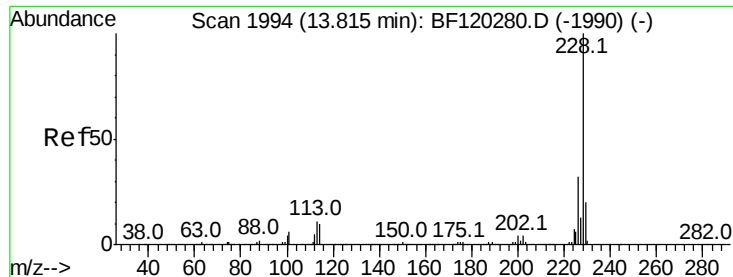
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.408 ng

RT: 13.80 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Instrument :

BNA_F

ClientSampleId :

PB128905BS

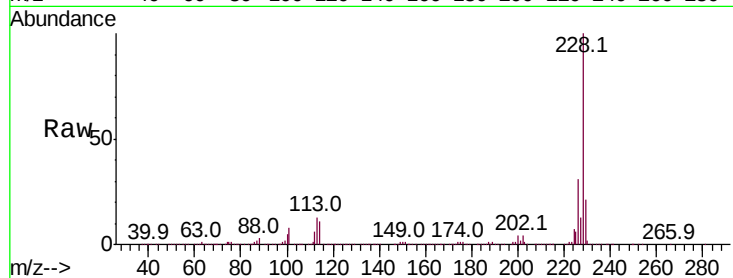
Tot Ion:228 Resp: 2337940

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

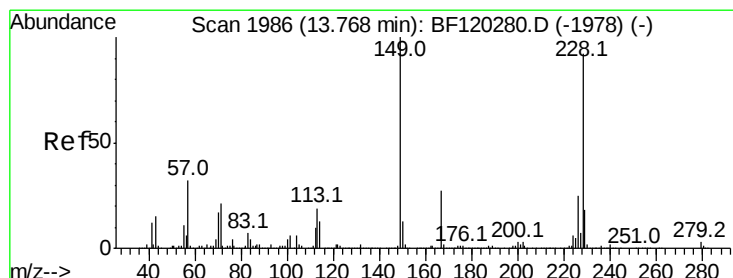
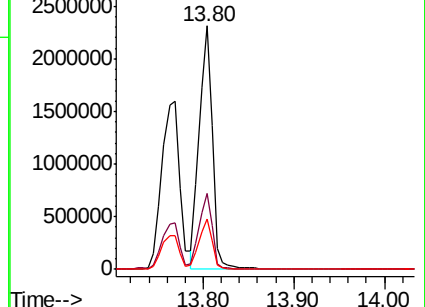
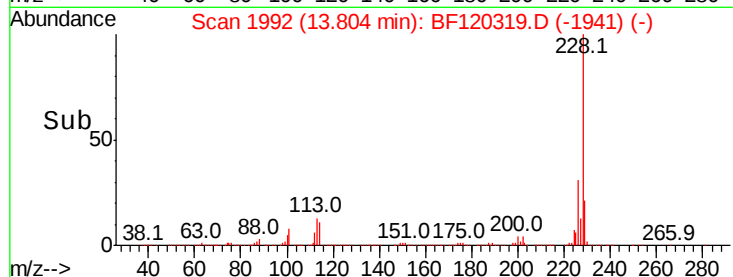
229 20.8 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.811 ng

RT: 13.76 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

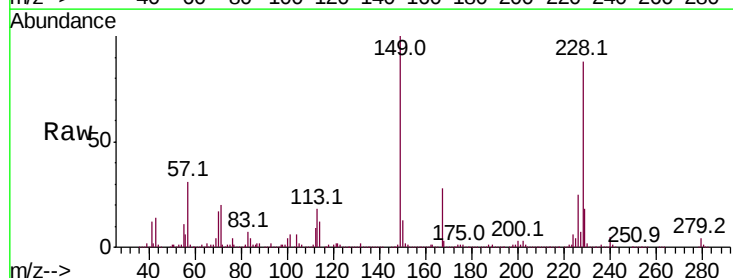
Tgt Ion:149 Resp: 1702361

Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.8

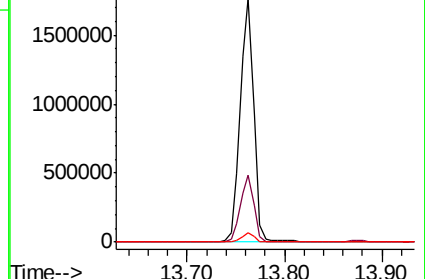
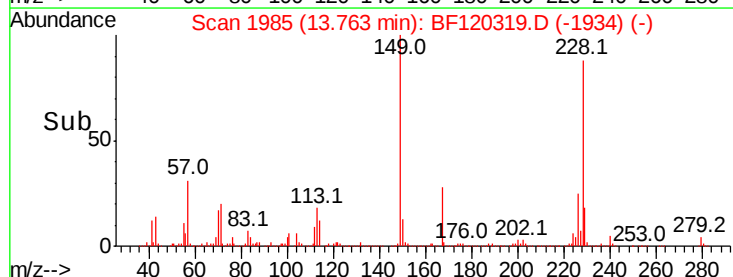
279 3.7 2.8 4.2

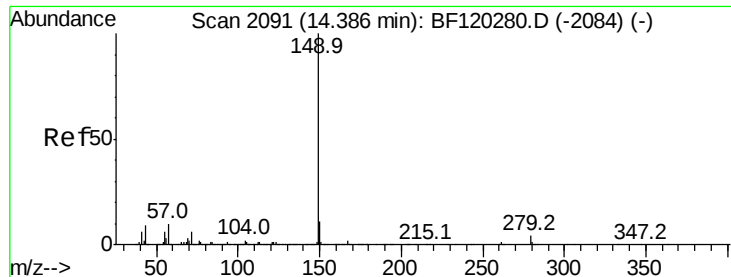


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.046 ng

RT: 14.37 min Scan# 2089

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Instrument :

BNA_F

ClientSampleId :

PB128905BS

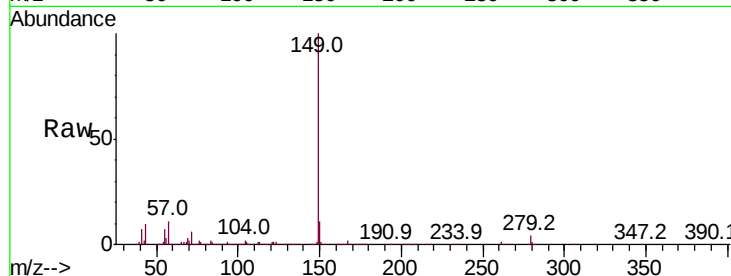
Tot Ion:149 Resp: 3208792

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

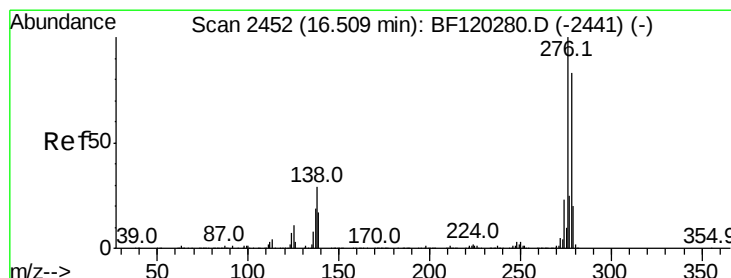
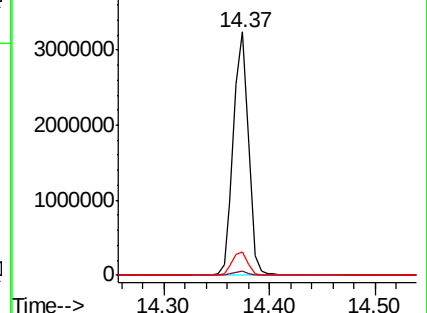
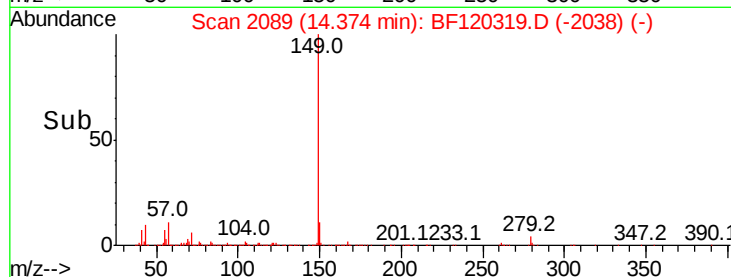
43 9.8 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.097 ng

RT: 16.49 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

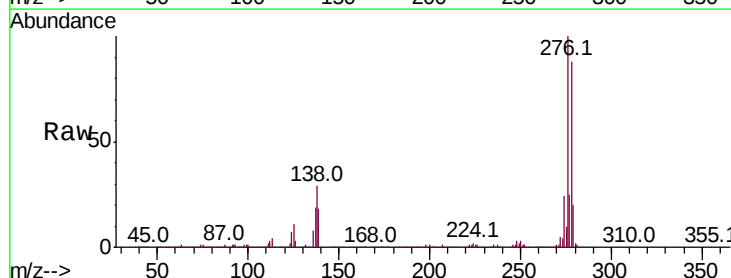
Tgt Ion:276 Resp: 2018481

Ion Ratio Lower Upper

276 100

138 29.2 23.3 34.9

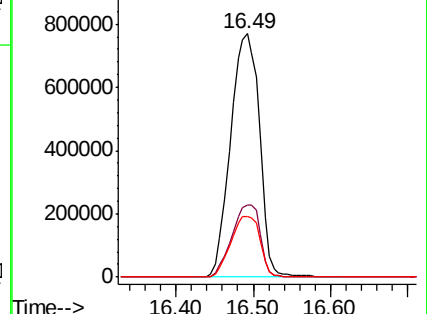
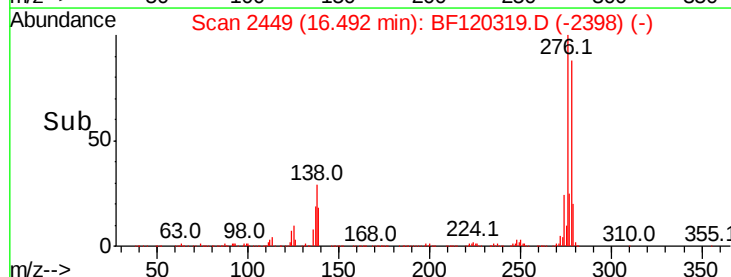
277 25.4 20.2 30.4

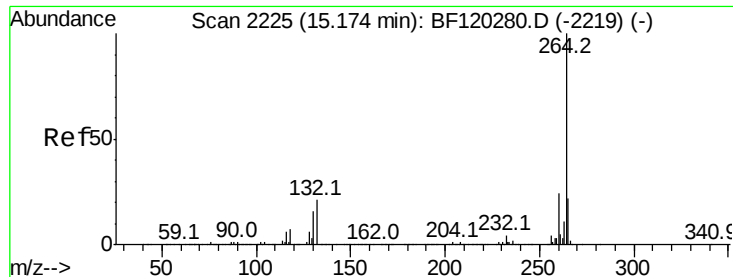


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.16 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Instrument :

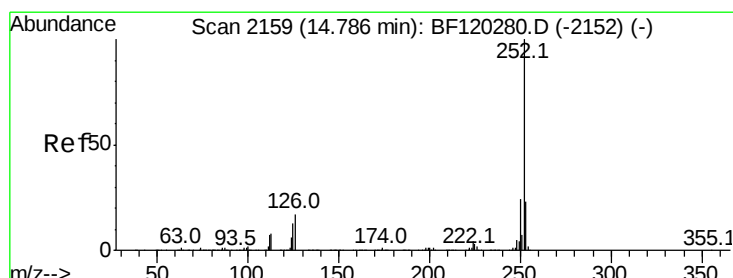
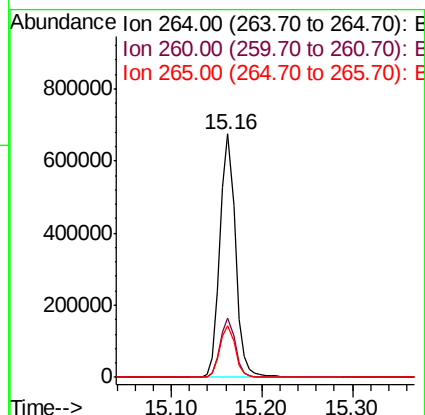
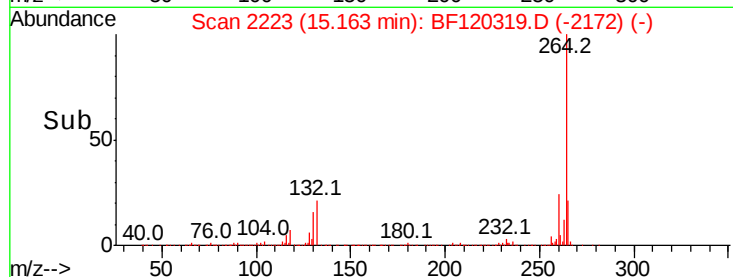
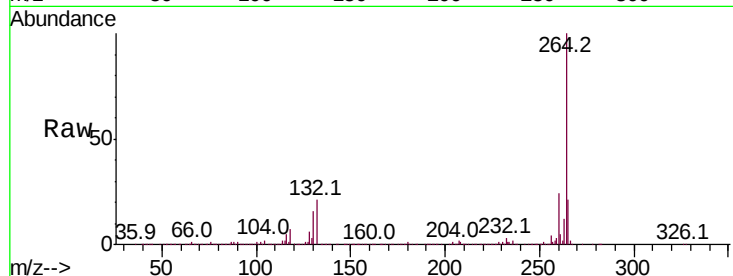
BNA_F

ClientSampleId :

PB128905BS

Tot Ion:264 Resp: 802570

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	21.0	17.5	26.3



#88

Benzo(b)fluoranthene

Concen: 50.407 ng

RT: 14.77 min Scan# 2157

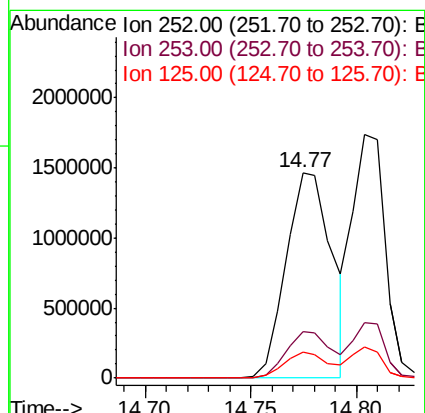
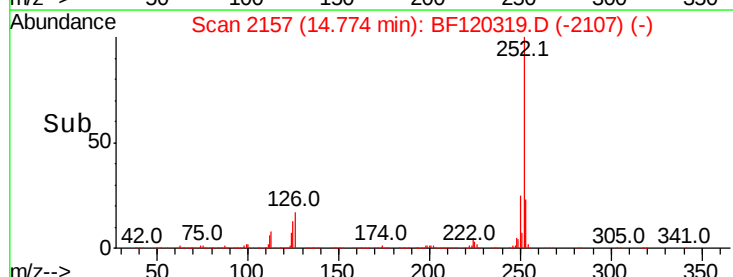
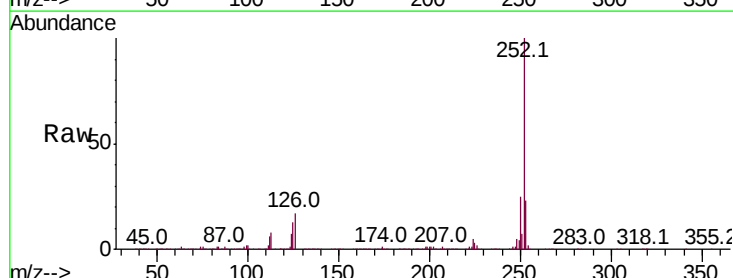
Delta R.T. -0.01 min

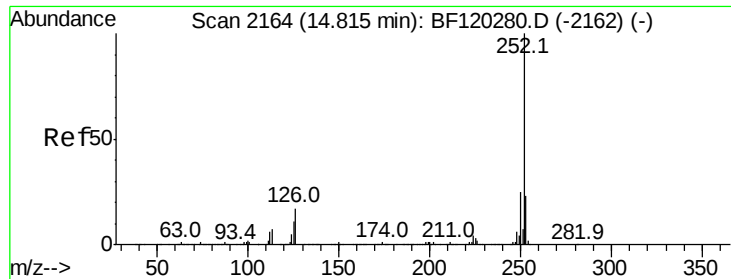
Lab File: BF120319.D

Acq: 15 May 2020 14:07

Tgt Ion:252 Resp: 2209349

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	12.6	10.4	15.6

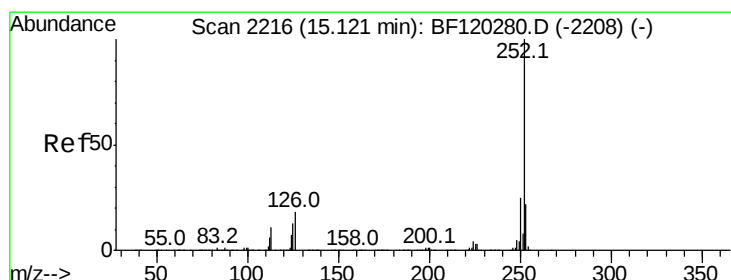
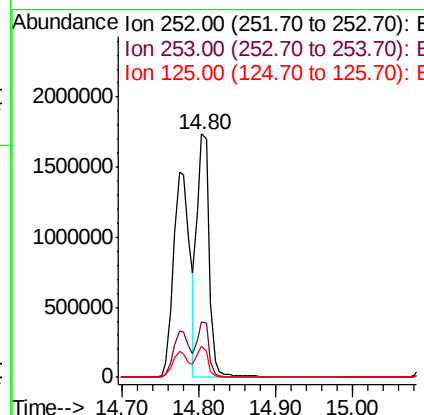
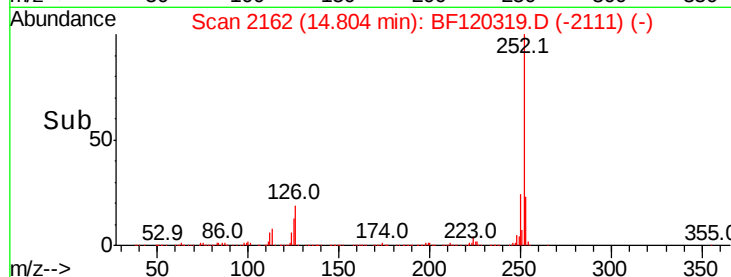
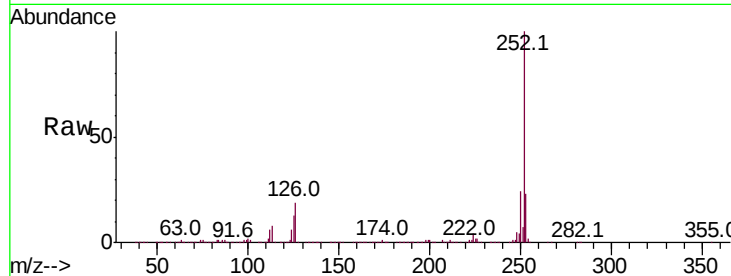




#89
Benzo(k)fluoranthene
Concen: 50.651 ng
RT: 14.80 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BF120319.D
Acq: 15 May 2020 14:07

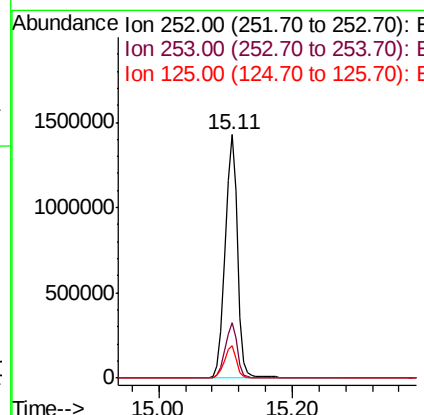
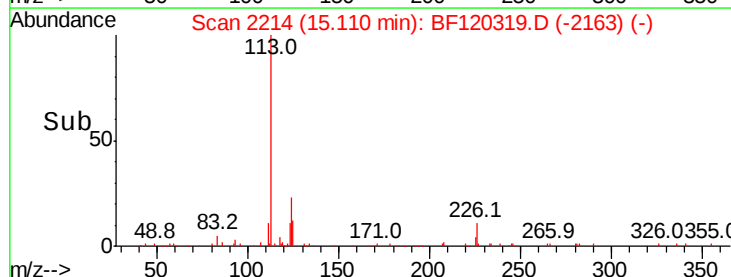
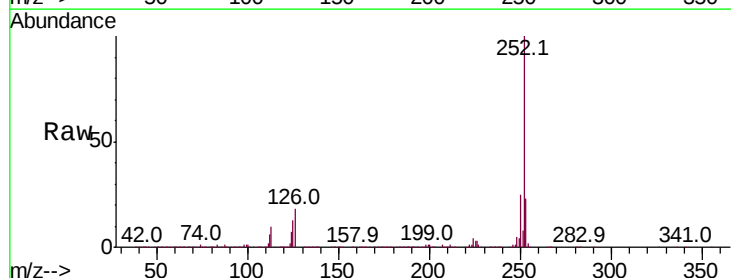
Instrument :
BNA_F
ClientSampleId :
PB128905BS

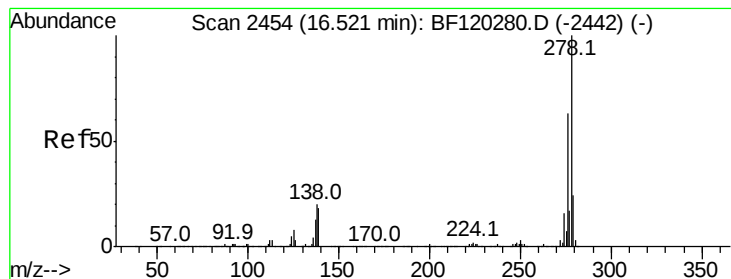
Tot Ion:252 Resp: 1923395
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 12.7 9.9 14.9



#90
Benzo(a)pyrene
Concen: 47.460 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BF120319.D
Acq: 15 May 2020 14:07

Tgt Ion:252 Resp: 1865551
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 13.1 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 48.327 ng

RT: 16.50 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

Instrument :

BNA_F

ClientSampleId :

PB128905BS

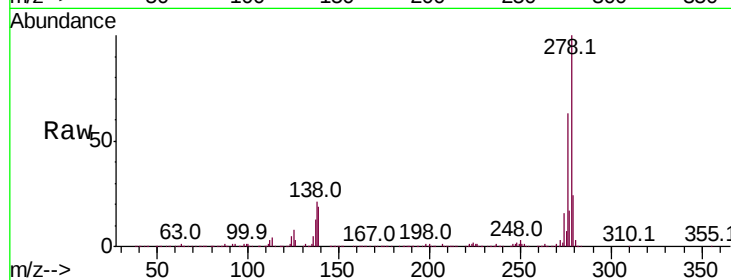
Tot Ion:278 Resp: 1682909

Ion Ratio Lower Upper

278 100

139 18.9 14.7 22.1

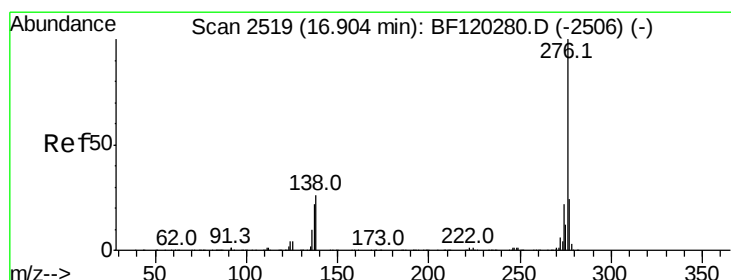
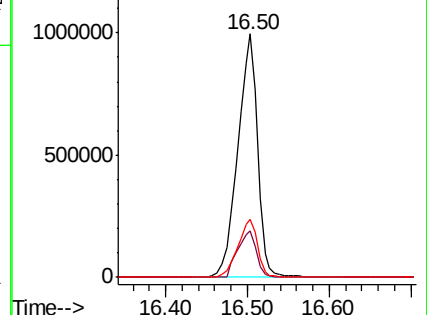
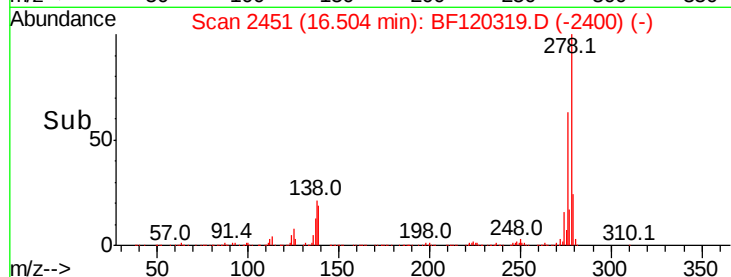
279 24.0 19.2 28.8



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: 49.184 ng

RT: 16.89 min Scan# 2516

Delta R.T. 0.00 min

Lab File: BF120319.D

Acq: 15 May 2020 14:07

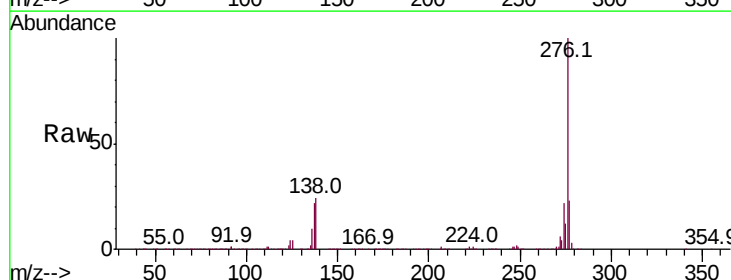
Tgt Ion:276 Resp: 1727114

Ion Ratio Lower Upper

276 100

277 23.1 19.1 28.7

138 24.2 20.8 31.2



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

