

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
 Data File : BF122577.D
 Acq On : 7 Dec 2020 17:55
 Operator : JU/CG
 Sample : L4960-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Dec 08 00:23:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

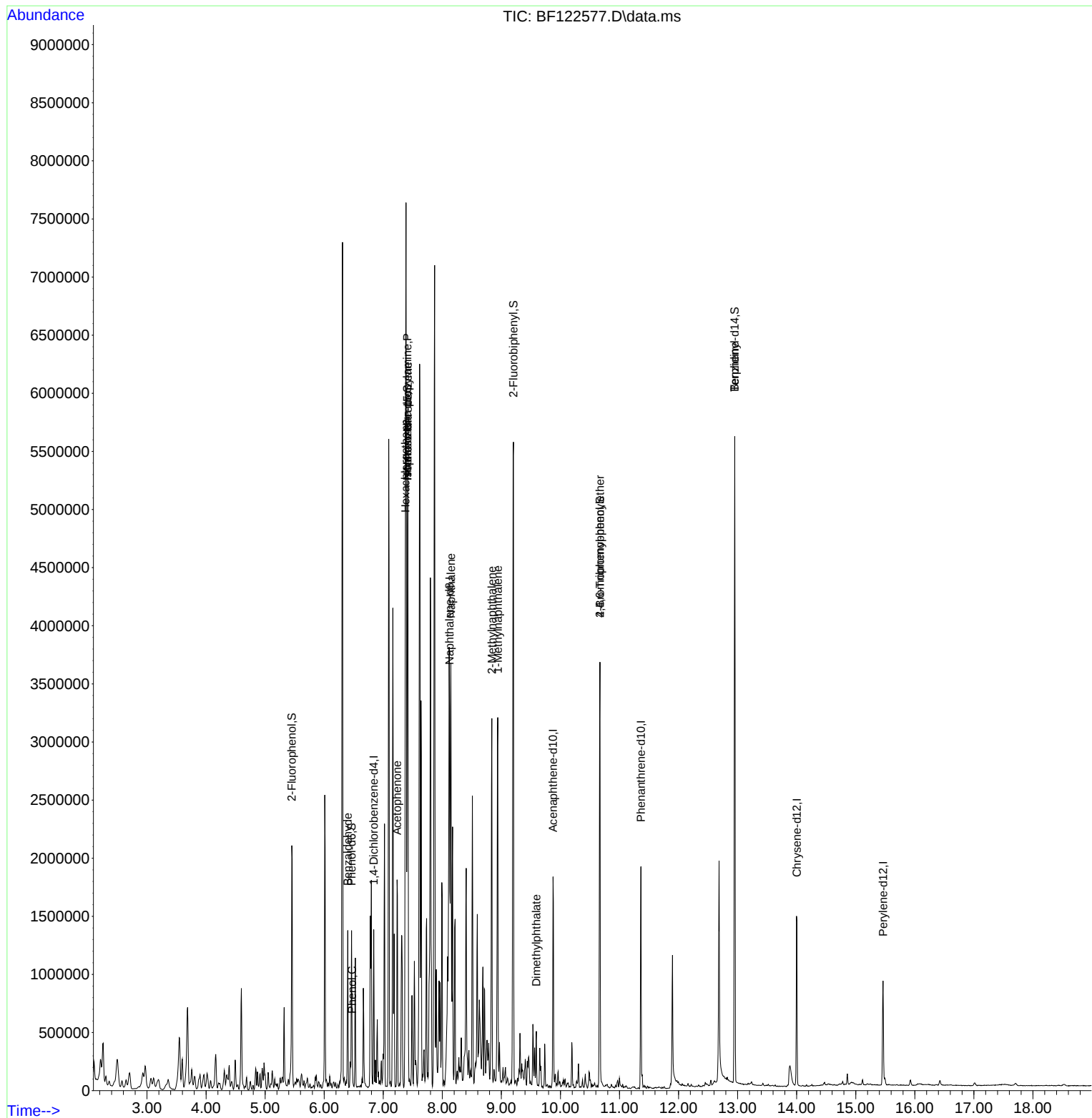
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	176691	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	621738	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	362536	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	665777	20.00	ng	0.00
76) Chrysene-d12	14.004	240	532016	20.00	ng	0.00
86) Perylene-d12	15.463	264	411572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	571349	51.19	ng	0.00
7) Phenol-d6	6.463	99	414953	28.03	ng	-0.02
23) Nitrobenzene-d5	7.410	82	1060026	85.42	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	502963	105.99	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2011616	75.05	ng	0.00
79) Terphenyl-d14	12.951	244	1822644	59.97	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.398	77	47696	5.32	ng	# 1
10) Phenol	6.475	94	39286	2.56	ng	91
18) Hexachloroethane	7.375	117	685826	131.13	ng	# 1
19) n-Nitroso-di-n-propyla...	7.410	70	142111	16.76	ng	# 79
22) Acetophenone	7.234	105	689289	44.59	ng	# 55
24) Nitrobenzene	7.416	77	66364	5.38	ng	# 1
25) Isophorone	7.410	82	1053420	49.29	ng	# 65
31) Naphthalene	8.145	128	335907	9.79	ng	# 80
37) 2-Methylnaphthalene	8.839	142	842268	37.11	ng	99
38) 1-Methylnaphthalene	8.939	142	877224	40.86	ng	99
50) Dimethylphthalate	9.592	163	184031	6.36	ng	99
67) 4-Bromophenyl-phenylether	10.669	248	31448	3.49	ng	# 1
77) Benzidine	12.951	184	24335	2.11	ng	# 90

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

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Quant Time: Dec 08 00:23:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
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QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

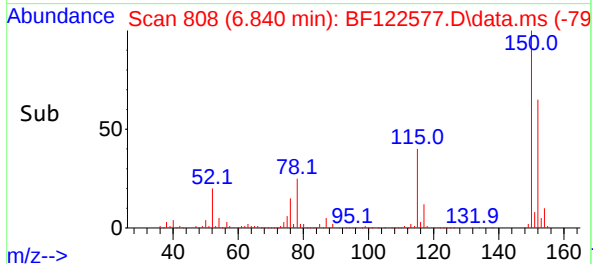
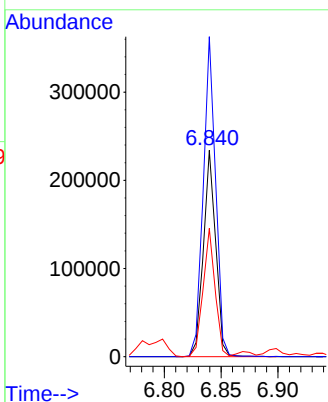
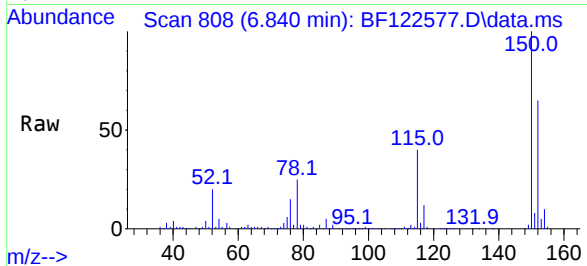




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122577.D
Acq: 7 Dec 2020 17:55

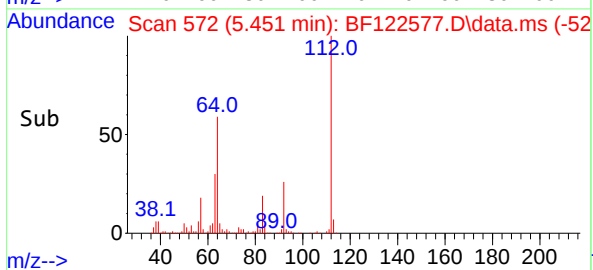
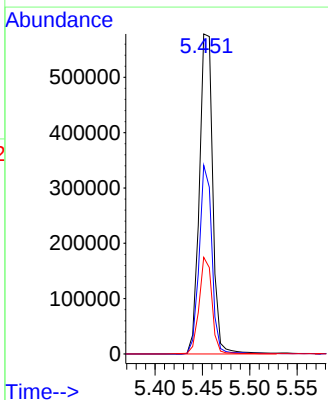
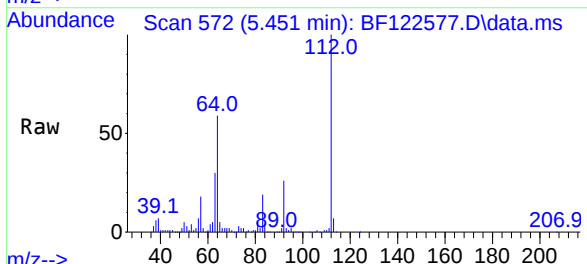
Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:152 Resp: 176691
Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.6
115 62.2 49.3 73.9



#5
2-Fluorophenol
Concen: 51.19 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF122577.D
Acq: 7 Dec 2020 17:55

Tgt Ion:112 Resp: 571349
Ion Ratio Lower Upper
112 100
64 59.0 46.9 70.3
63 30.2 24.5 36.7

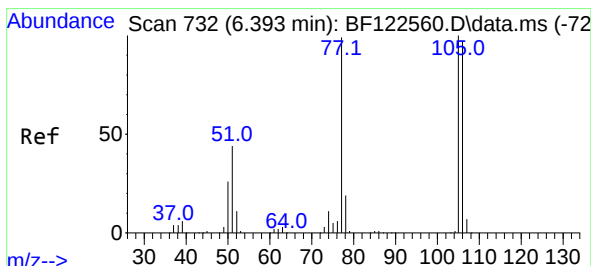
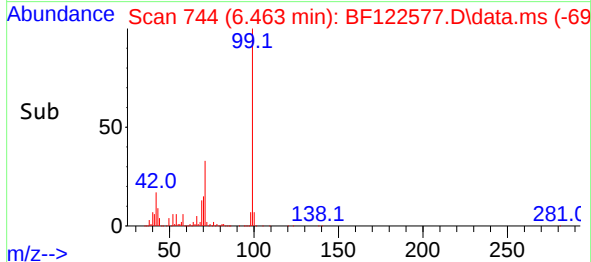
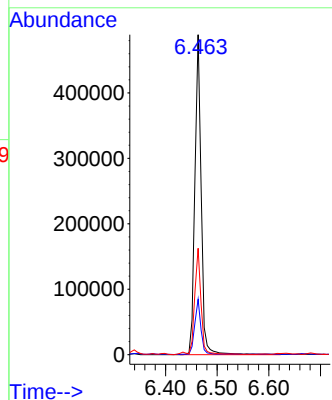
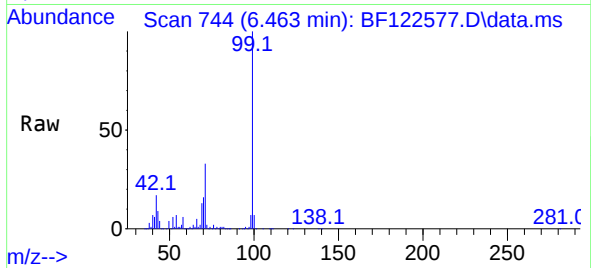




#7
Phenol-d6
Concen: 28.03 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF122577.D
Acq: 7 Dec 2020 17:55

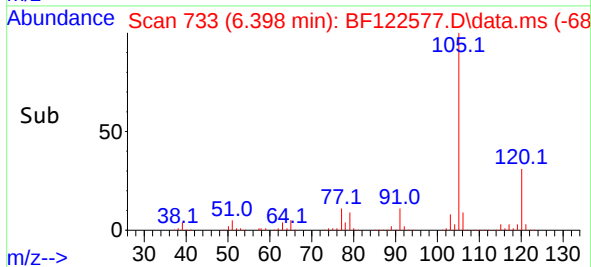
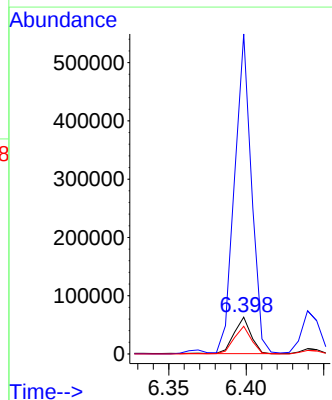
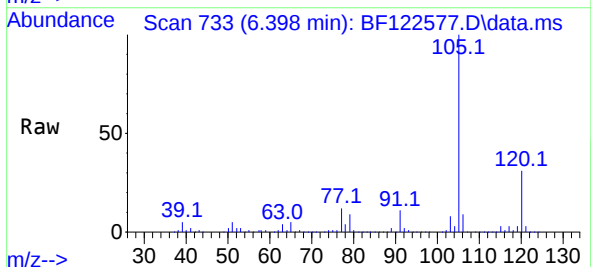
Instrument :
BNA_F
ClientSampleId :
MW-5

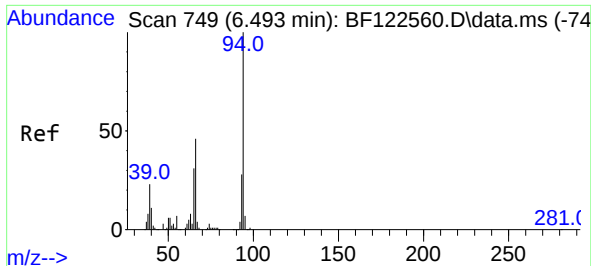
Tgt Ion: 99 Resp: 414953
Ion Ratio Lower Upper
99 100
42 17.3 13.8 20.6
71 33.3 26.9 40.3



#9
Benzaldehyde
Concen: 5.32 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.005 min
Lab File: BF122577.D
Acq: 7 Dec 2020 17:55

Tgt Ion: 77 Resp: 47696
Ion Ratio Lower Upper
77 100
105 869.2 80.6 120.6#
106 75.4 77.2 117.2#

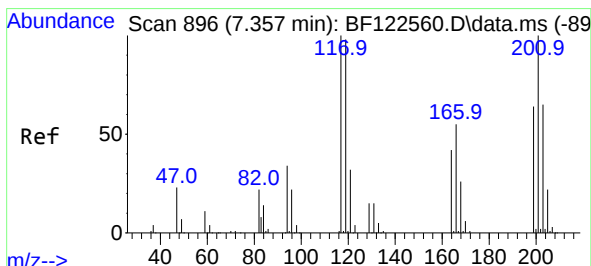
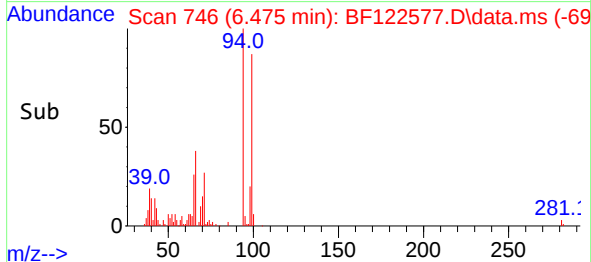
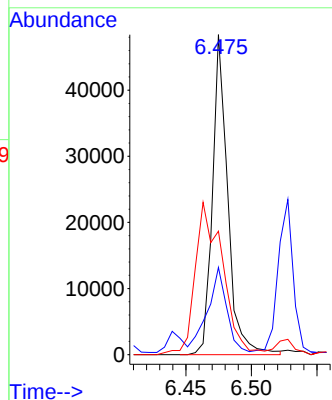
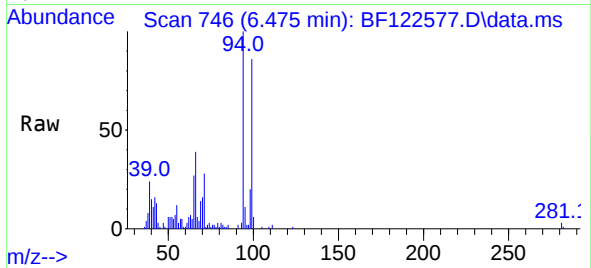




#10
Phenol
Concen: 2.56 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF122577.D
Acq: 7 Dec 2020 17:55

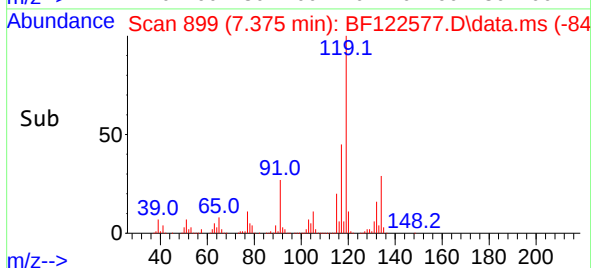
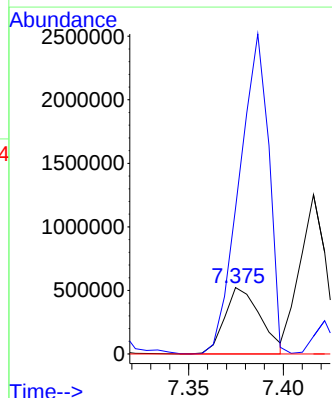
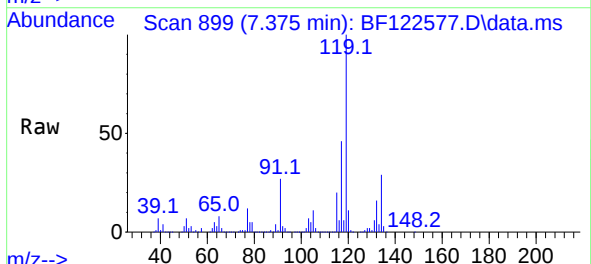
Instrument :
BNA_F
ClientSampled :
MW-5

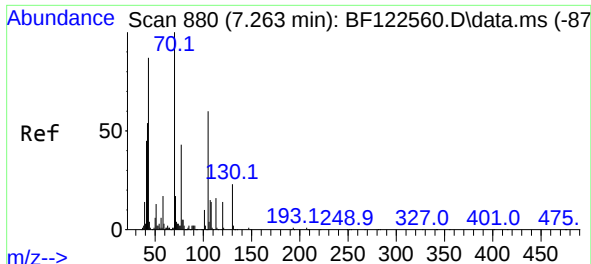
Tgt Ion: 94 Resp: 39286
Ion Ratio Lower Upper
94 100
65 27.2 11.2 51.2
66 38.6 25.8 65.8



#18
Hexachloroethane
Concen: 131.13 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.018 min
Lab File: BF122577.D
Acq: 7 Dec 2020 17:55

Tgt Ion: 117 Resp: 685826
Ion Ratio Lower Upper
117 100
119 219.6 78.4 117.6#
201 0.0 79.6 119.4#

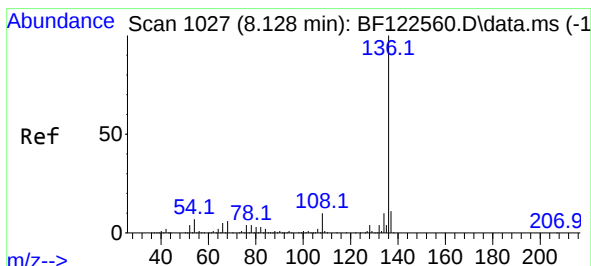
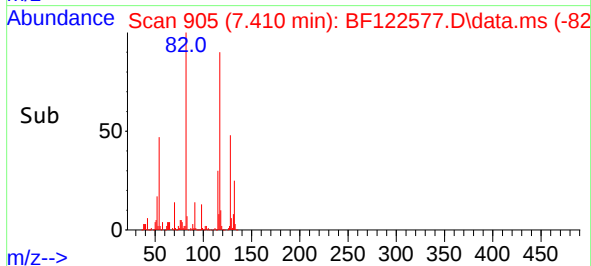
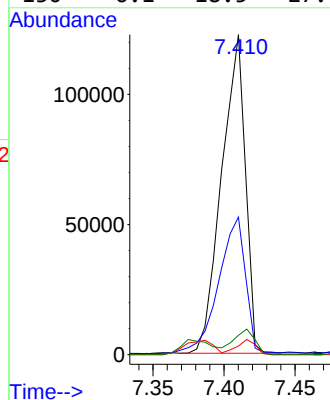
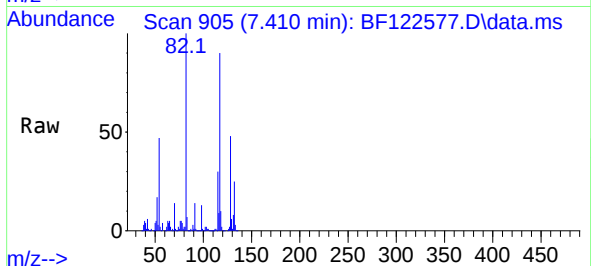




#19
n-Nitroso-di-n-propylamine
Concen: 16.76 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.147 min
Lab File: BF122577.D
Acq: 7 Dec 2020 17:55

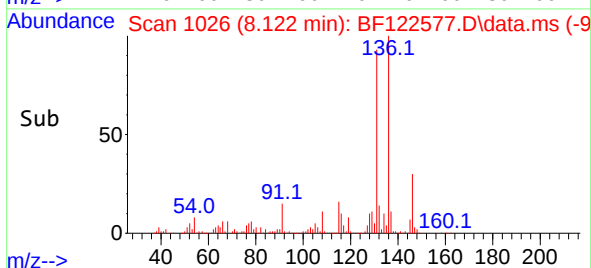
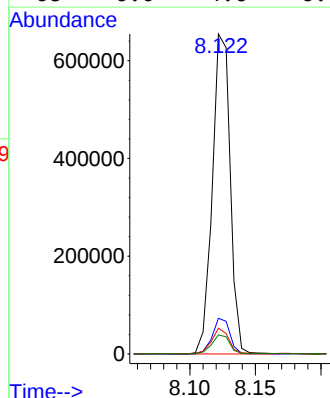
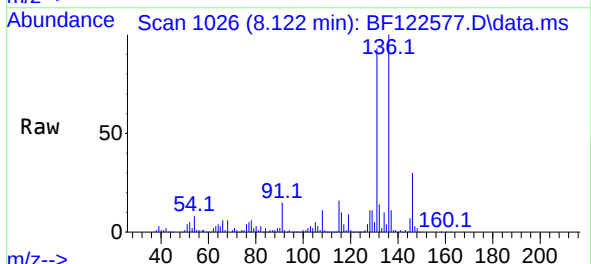
Instrument :
BNA_F
ClientSampleId :
MW-5

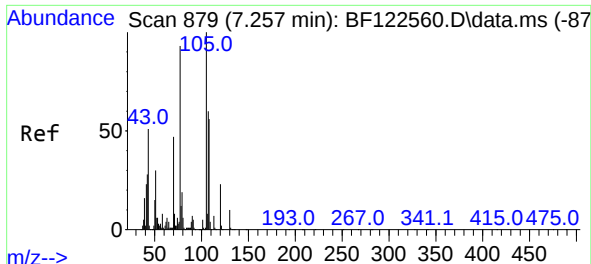
Tgt Ion: 70 Resp: 142111
Ion Ratio Lower Upper
70 100
42 43.0 43.0 64.4
101 2.7 7.9 11.9#
130 6.1 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122577.D
Acq: 7 Dec 2020 17:55

Tgt Ion: 136 Resp: 621738
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.1 5.5 8.3
68 6.0 4.6 6.8

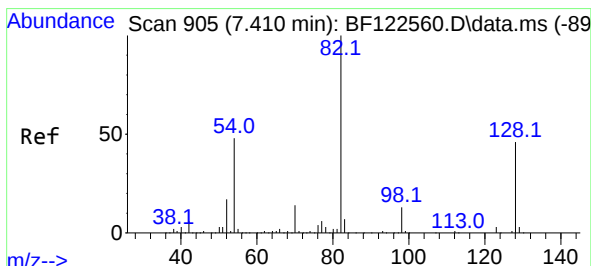
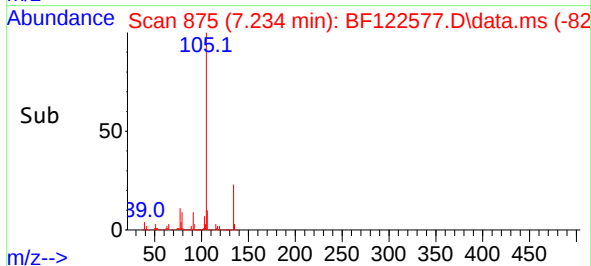
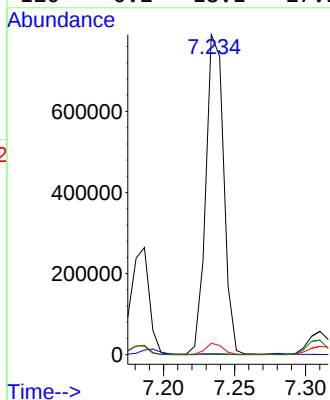
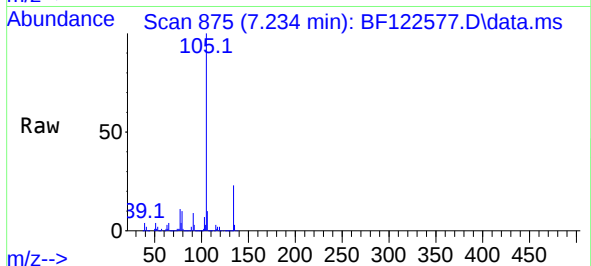




#22
Acetophenone
Concen: 44.59 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.024 min
Lab File: BF122577.D
Acq: 7 Dec 2020 17:55

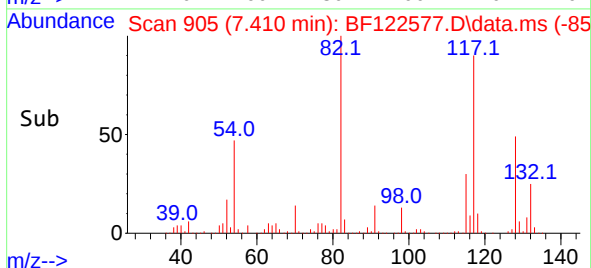
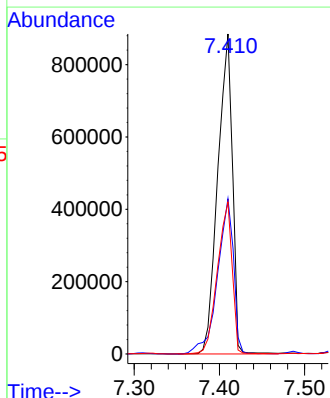
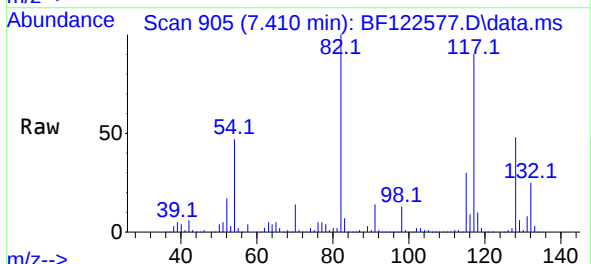
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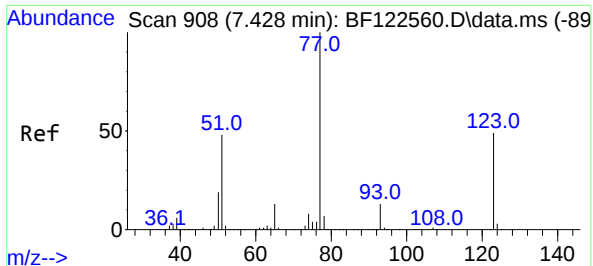
Tgt Ion:105 Resp: 689289
Ion Ratio Lower Upper
105 100
71 0.2 6.5 9.7#
51 3.5 24.3 36.5#
120 0.2 18.1 27.1#



#23
Nitrobenzene-d5
Concen: 85.42 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF122577.D
Acq: 7 Dec 2020 17:55

Tgt Ion: 82 Resp: 1060026
Ion Ratio Lower Upper
82 100
128 48.5 37.0 55.4
54 47.5 38.4 57.6

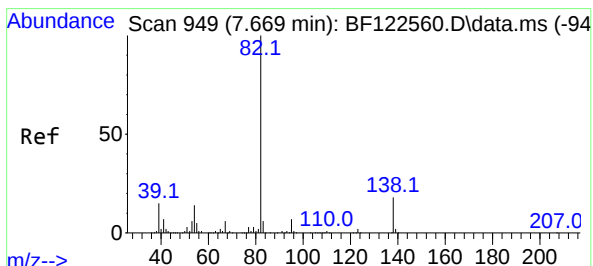
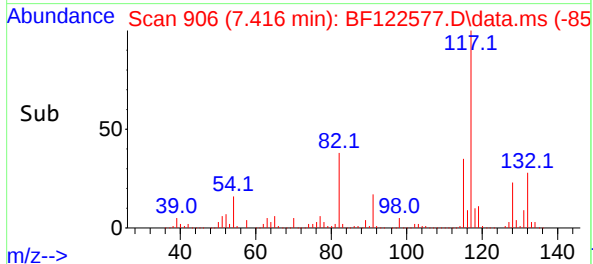
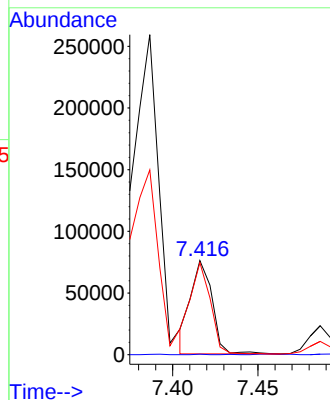
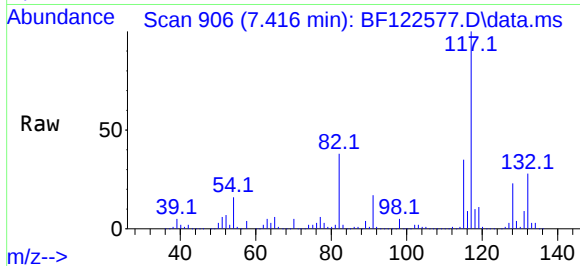




#24
Nitrobenzene
Concen: 5.38 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF122577.D
Acq: 7 Dec 2020 17:55

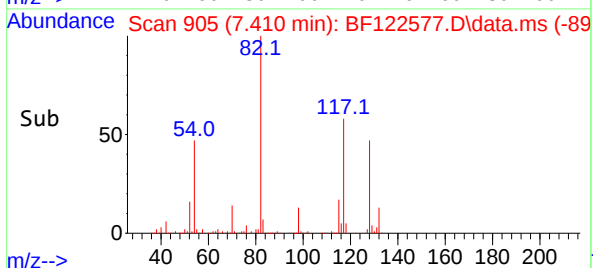
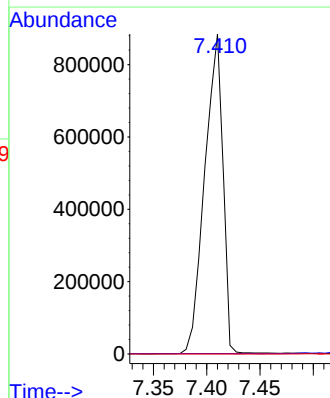
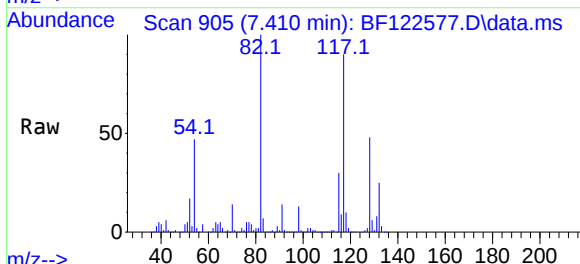
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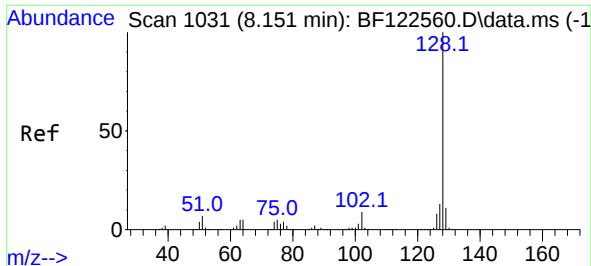
Tgt Ion: 77 Resp: 66364
Ion Ratio Lower Upper
77 100
123 0.4 39.3 58.9#
65 97.7 10.6 15.8#



#25
Isophorone
Concen: 49.29 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.259 min
Lab File: BF122577.D
Acq: 7 Dec 2020 17:55

Tgt Ion: 82 Resp: 1053420
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#

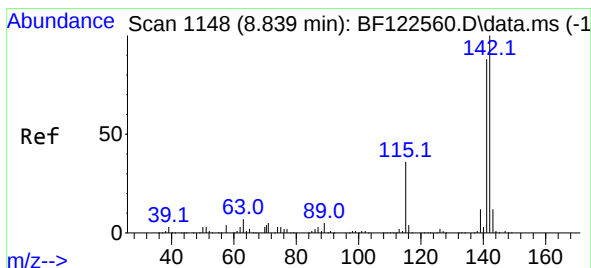
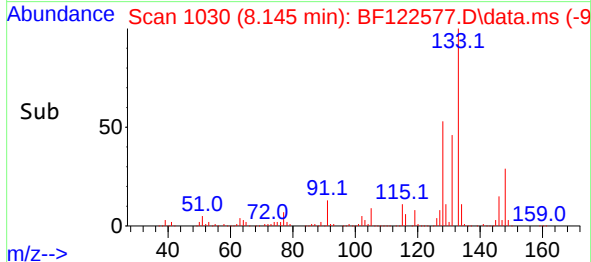
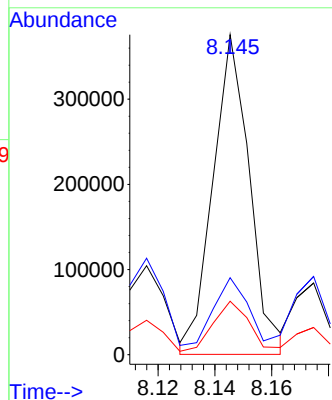
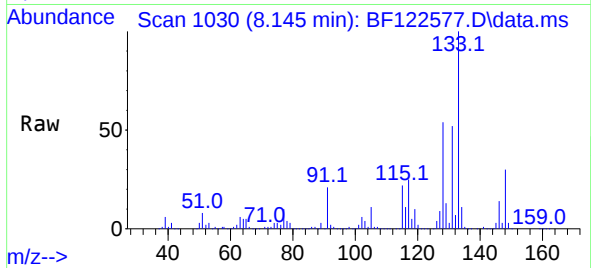




#31
Naphthalene
Concen: 9.79 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF122577.D
Acq: 7 Dec 2020 17:55

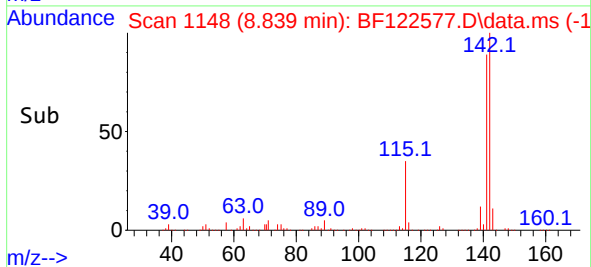
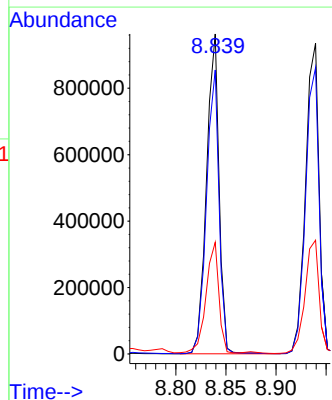
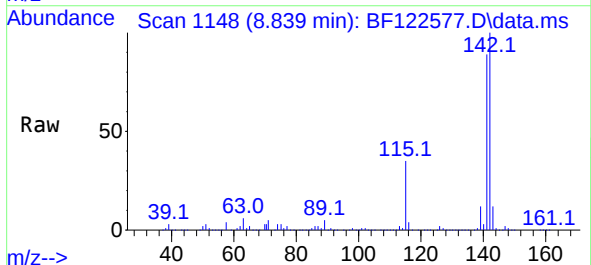
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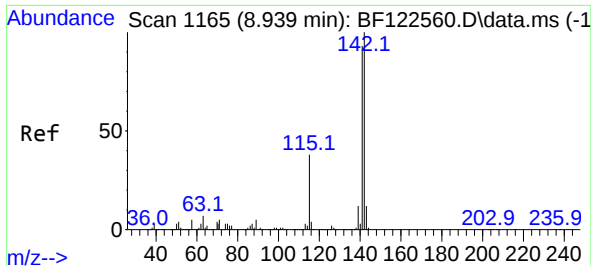
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Ion Ratio Lower Upper
128 100
129 24.1 9.0 13.6#
127 16.7 10.7 16.1#



#37
2-Methylnaphthalene
Concen: 37.11 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF122577.D
Acq: 7 Dec 2020 17:55

Tgt Ion:142 Resp: 842268
Ion Ratio Lower Upper
142 100
141 88.8 70.6 106.0
115 34.9 28.7 43.1

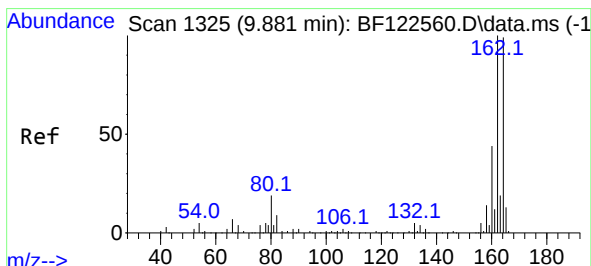
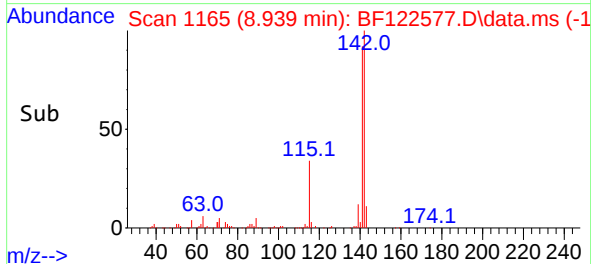
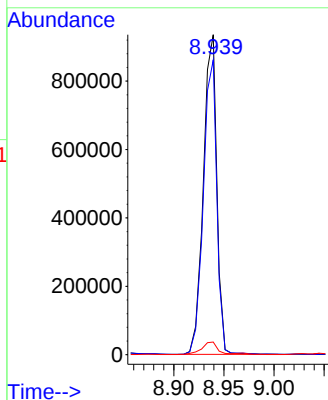
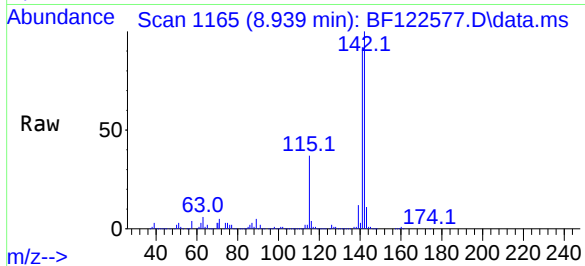




#38
1-Methylnaphthalene
Concen: 40.86 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF122577.D
Acq: 7 Dec 2020 17:55

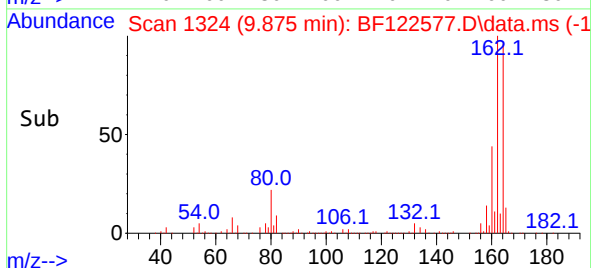
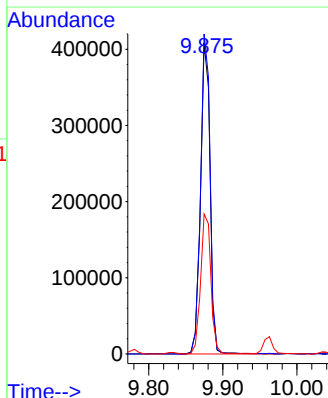
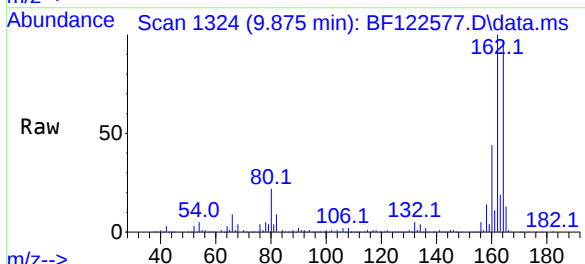
Instrument :
BNA_F
ClientSampleId :
MW-5

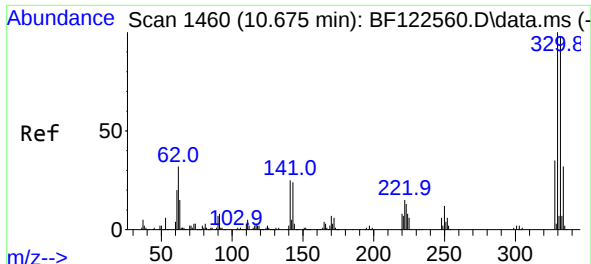
Tgt Ion:142 Resp: 877224
Ion Ratio Lower Upper
142 100
141 92.1 74.5 111.7
116 4.0 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122577.D
Acq: 7 Dec 2020 17:55

Tgt Ion:164 Resp: 362536
Ion Ratio Lower Upper
164 100
162 102.9 80.8 121.2
160 45.0 35.4 53.0

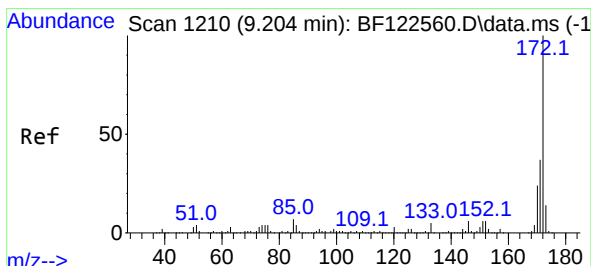
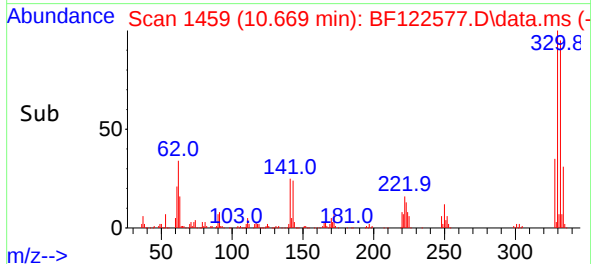
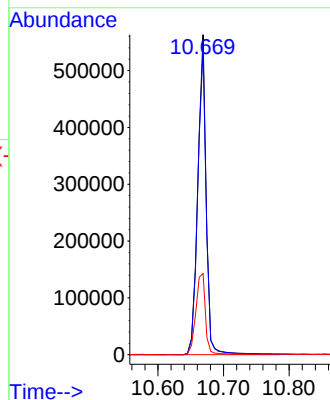
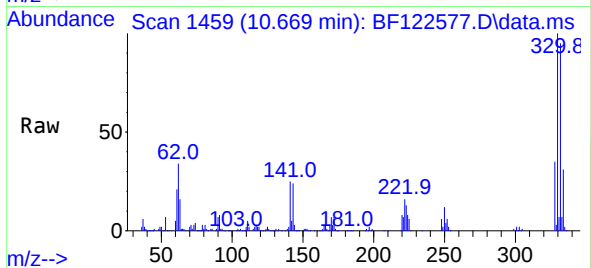




#42
2,4,6-Tribromophenol
Concen: 105.99 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122577.D
Acq: 7 Dec 2020 17:55

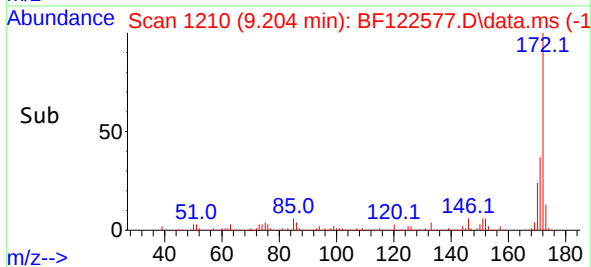
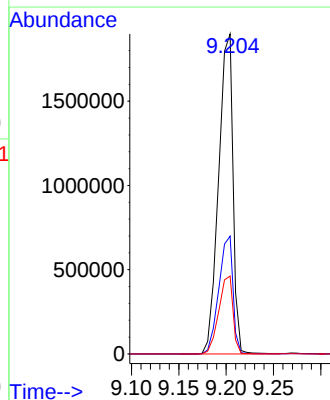
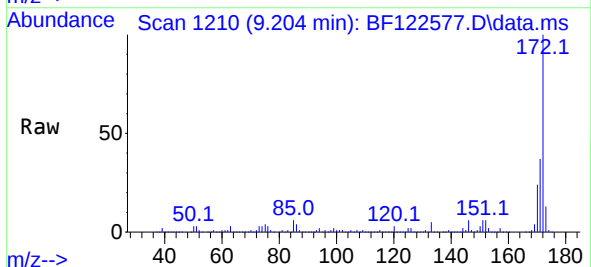
Instrument :
BNA_F
ClientSampleId :
MW-5

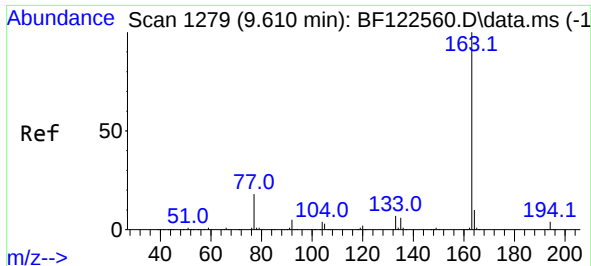
Tgt Ion:330 Resp: 502963
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 29.3 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 75.05 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF122577.D
Acq: 7 Dec 2020 17:55

Tgt Ion:172 Resp: 2011616
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.4 19.5 29.3

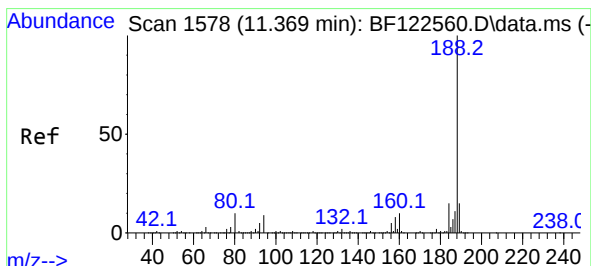
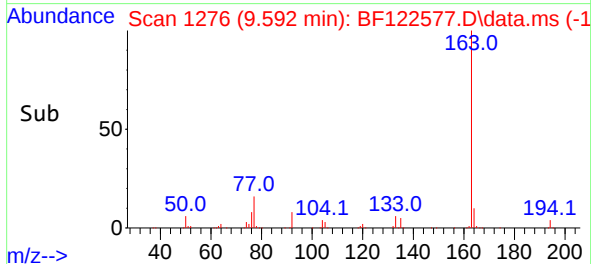
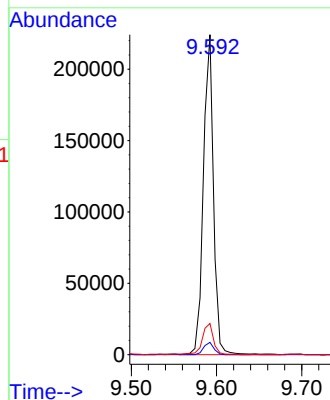
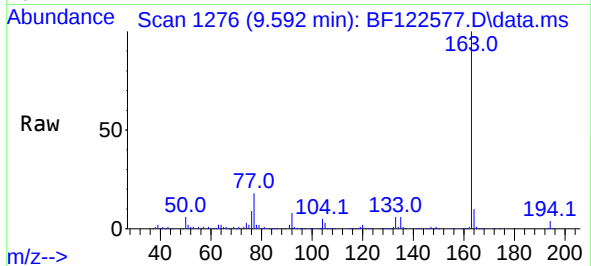




#50
Dimethylphthalate
Concen: 6.36 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122577.D
Acq: 7 Dec 2020 17:55

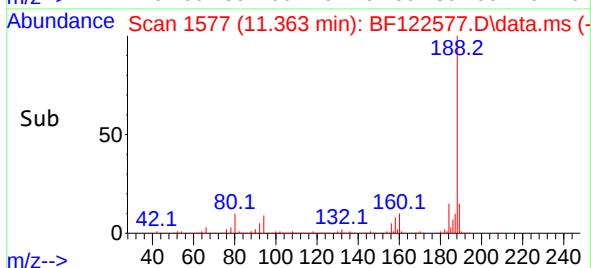
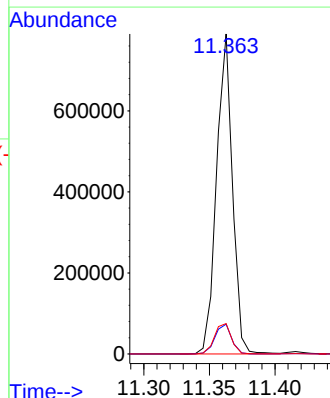
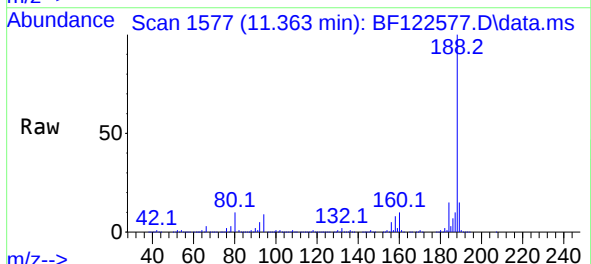
Instrument :
BNA_F
ClientSampleId :
MW-5

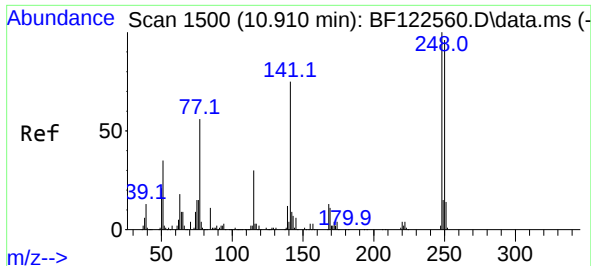
Tgt Ion:163 Resp: 184031
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 9.8 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122577.D
Acq: 7 Dec 2020 17:55

Tgt Ion:188 Resp: 665777
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 9.5 8.2 12.4

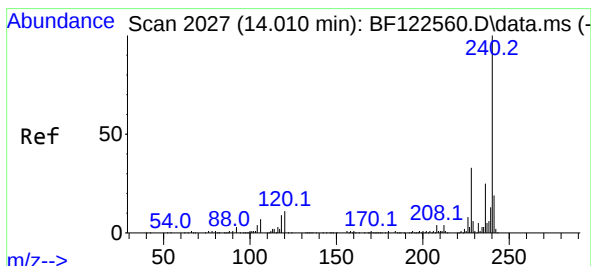
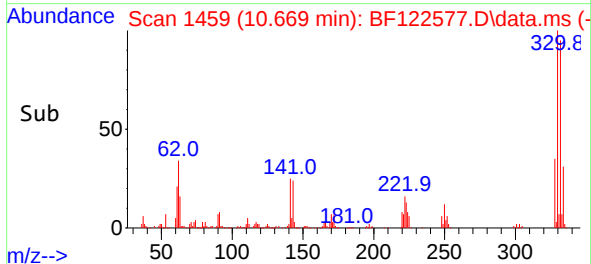
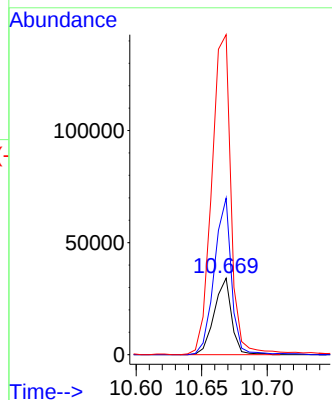
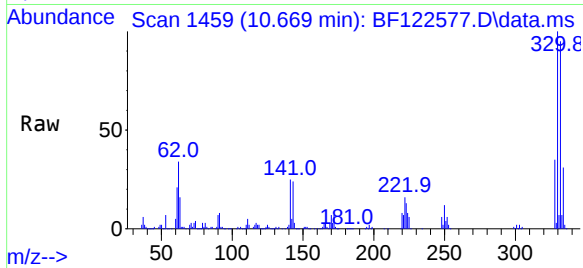




#67
4-Bromophenyl-phenylether
Concen: 3.49 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF122577.D
Acq: 7 Dec 2020 17:55

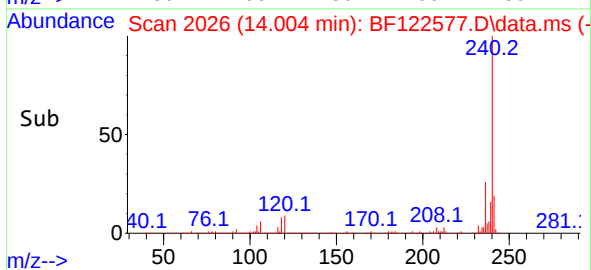
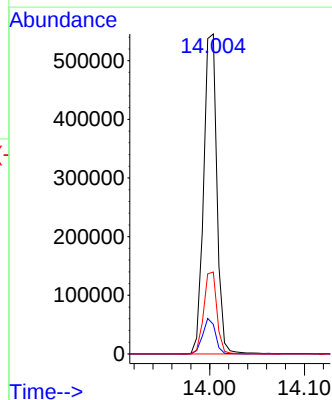
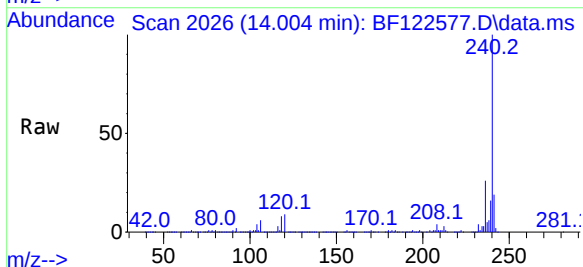
Instrument :
BNA_F
ClientSampleId :
MW-5

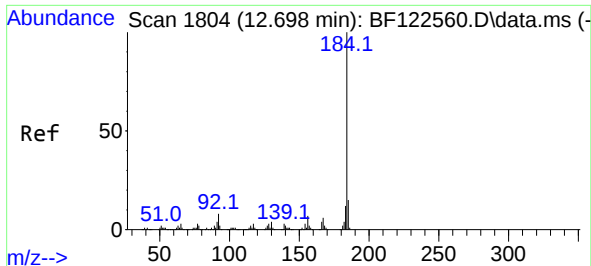
Tgt Ion:248 Resp: 31448
Ion Ratio Lower Upper
248 100
250 204.5 76.8 115.2#
141 418.0 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122577.D
Acq: 7 Dec 2020 17:55

Tgt Ion:240 Resp: 532016
Ion Ratio Lower Upper
240 100
120 9.3 8.6 12.8
236 25.6 20.3 30.5

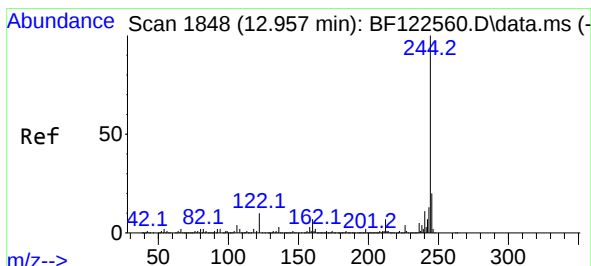
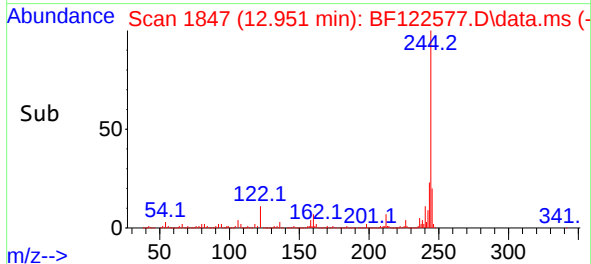
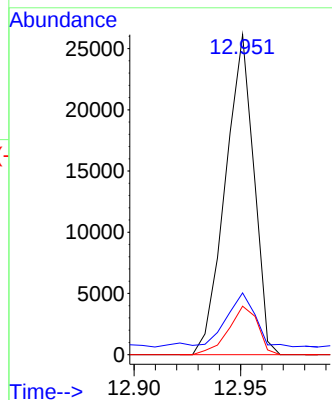
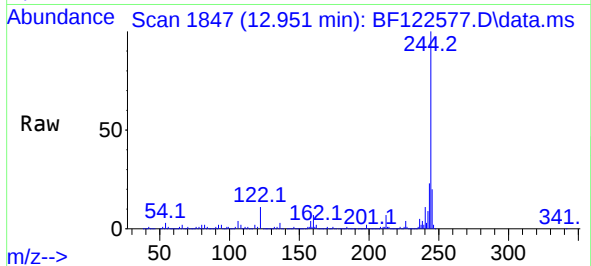




#77
Benzidine
Concen: 2.11 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF122577.D
Acq: 7 Dec 2020 17:55

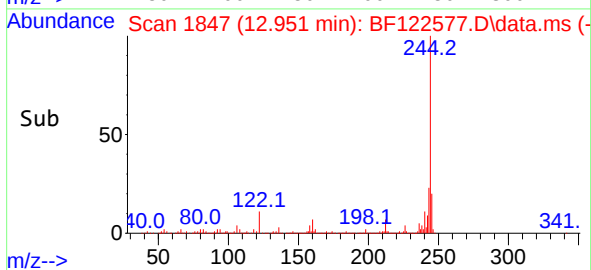
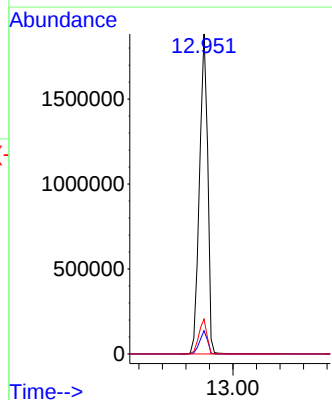
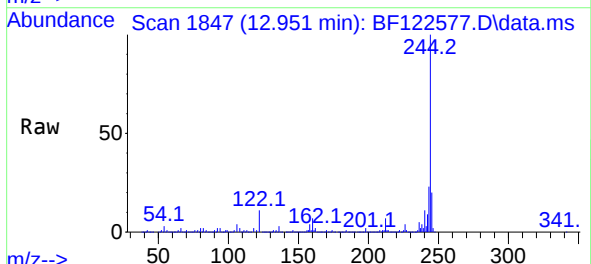
Instrument :
BNA_F
ClientSampled :
MW-5

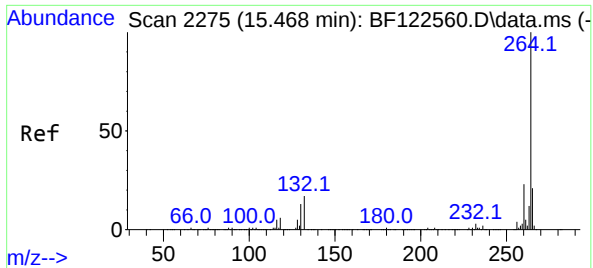
Tgt Ion:184 Resp: 24335
Ion Ratio Lower Upper
184 100
185 19.3 11.8 17.6#
183 15.2 9.7 14.5#



#79
Terphenyl-d14
Concen: 59.97 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122577.D
Acq: 7 Dec 2020 17:55

Tgt Ion:244 Resp: 1822644
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.9 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF122577.D
 Acq: 7 Dec 2020 17:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tgt Ion:264 Resp: 411572

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	22.2	17.0	25.6

