

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
 Data File : BF122426.D
 Acq On : 21 Nov 2020 18:08
 Operator : JU/CG
 Sample : L4829-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Nov 23 01:00:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 13:27:02 2020
 Response via : Initial Calibration

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

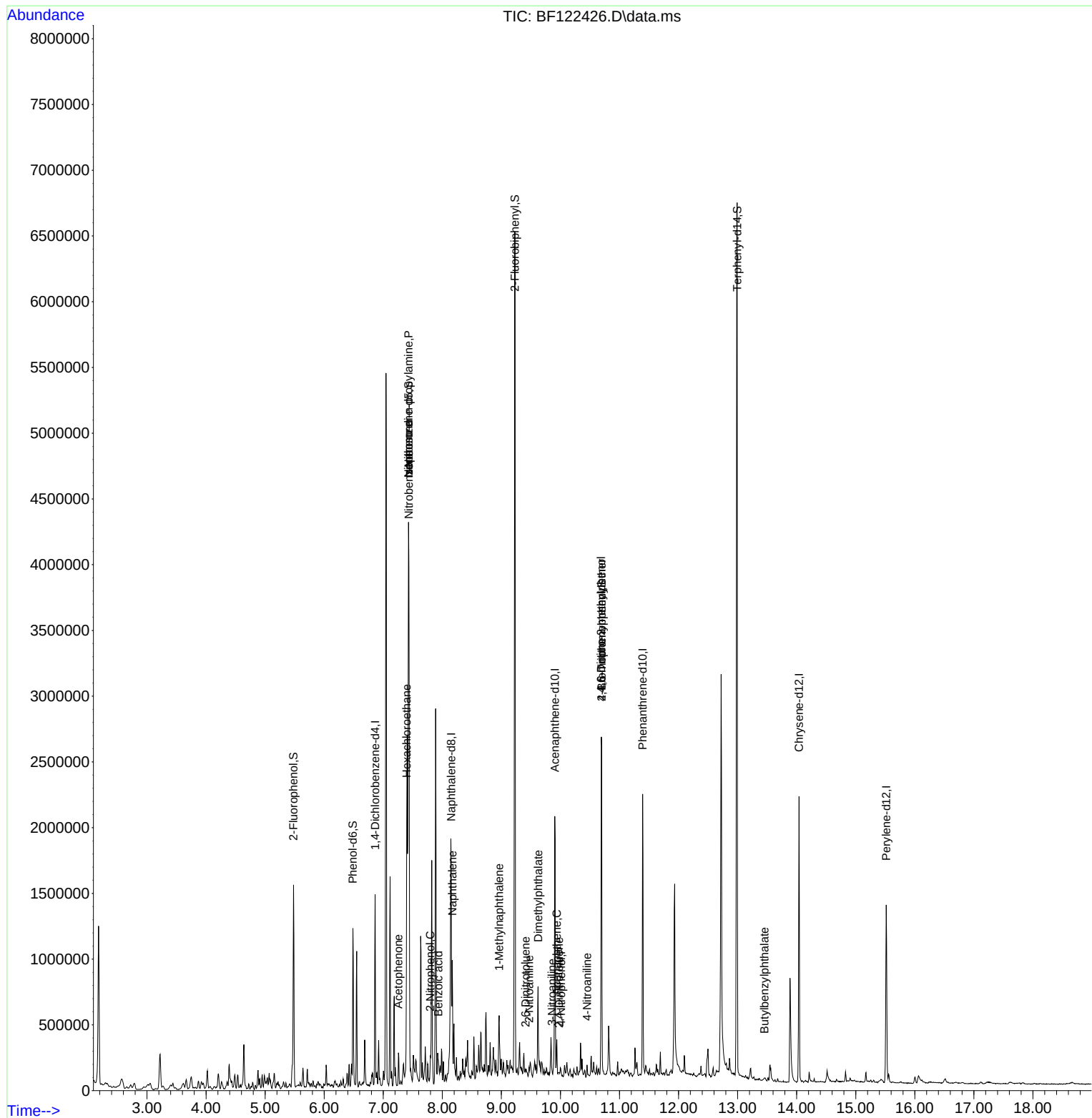
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	205070	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	770522	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	425218	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	787195	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	714830	20.00	ng	-0.01
86) Perylene-d12	15.515	264	644975	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	371736	27.83	ng	-0.01
7) Phenol-d6	6.487	99	311490	17.83	ng	-0.02
23) Nitrobenzene-d5	7.428	82	1241295	98.62	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	353550	77.47	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2196391	80.71	ng	0.00
79) Terphenyl-d14	12.992	244	2429661	72.01	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.422	77	7061	Below Cal	#	1
18) Hexachloroethane	7.398	117	204638	37.20	ng	# 1
19) n-Nitroso-di-n-propyla...	7.428	70	177353	16.99	ng	# 76
22) Acetophenone	7.257	105	78706	3.92	ng	# 50
24) Nitrobenzene	7.434	77	46999	3.26	ng	# 2
25) Isophorone	7.428	82	1224914	43.65	ng	# 67
26) 2-Nitrophenol	7.798	139	122	6.83	ng	# 1
31) Naphthalene	8.169	128	225050	5.49	ng	# 94
32) Benzoic acid	7.934	122	3330	8.34	ng	# 33
38) 1-Methylnaphthalene	8.963	142	104474	4.12	ng	# 99
48) 2-Nitroaniline	9.469	65	1055	5.29	ng	# 31
50) Dimethylphthalate	9.622	163	267582	8.85	ng	# 99
51) 2,6-Dinitrotoluene	9.410	165	1927	4.08	ng	# 96
52) Acenaphthene	9.939	154	54716	2.14	ng	# 96
53) 3-Nitroaniline	9.857	138	113	3.57	ng	# 37
56) 4-Nitrophenol	10.010	139	1425	5.61	ng	# 6
57) 2,4-Dinitrotoluene	9.975	165	2081	4.94	ng	# 70
62) 4-Nitroaniline	10.451	138	664	3.46	ng	# 83
65) 4,6-Dinitro-2-methylph...	10.692	198	787	6.44	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	22455	2.43	ng	# 1
80) Butylbenzylphthalate	13.457	149	870	3.33	ng	# 27

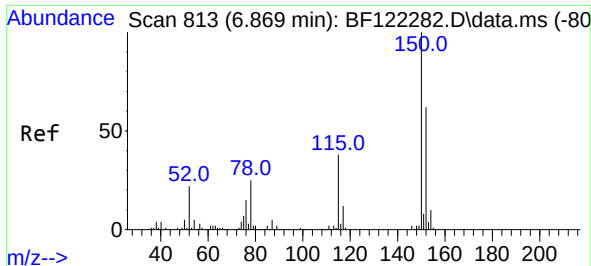
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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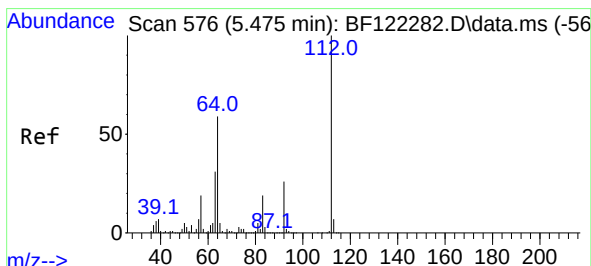
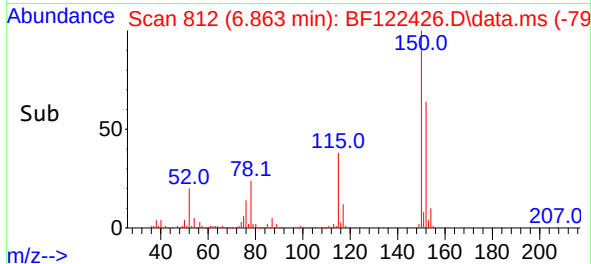
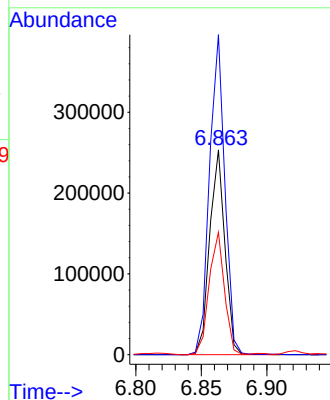
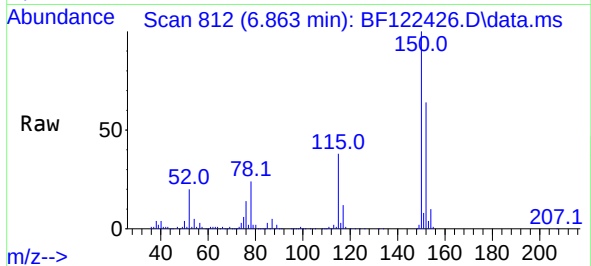




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

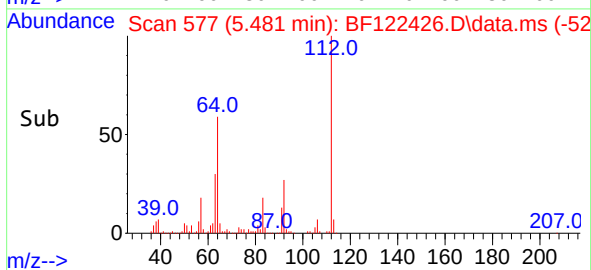
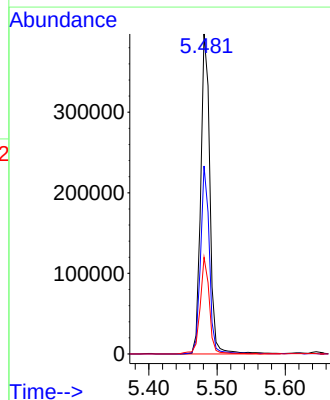
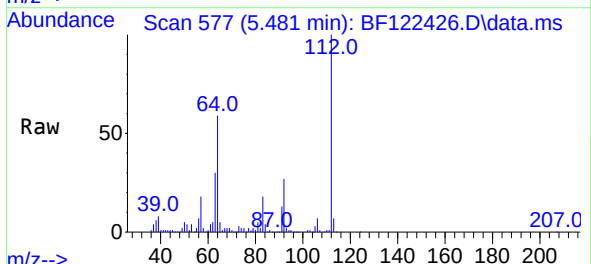
Instrument :
BNA_F
ClientSampleId :
MW-5

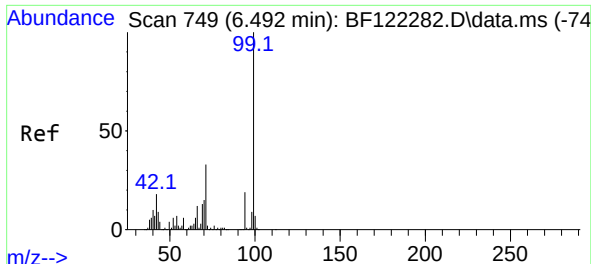
Tgt Ion:152 Resp: 205070
Ion Ratio Lower Upper
152 100
150 156.2 125.3 187.9
115 59.8 51.9 77.9



#5
2-Fluorophenol
Concen: 27.83 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.012 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

Tgt Ion:112 Resp: 371736
Ion Ratio Lower Upper
112 100
64 58.8 50.4 75.6
63 30.2 25.8 38.6

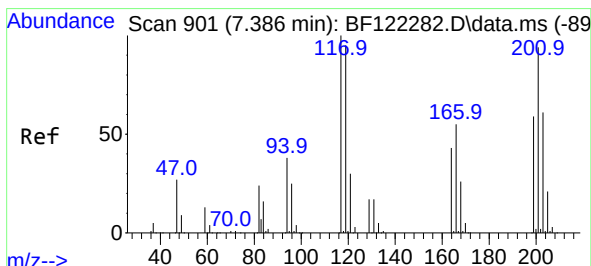
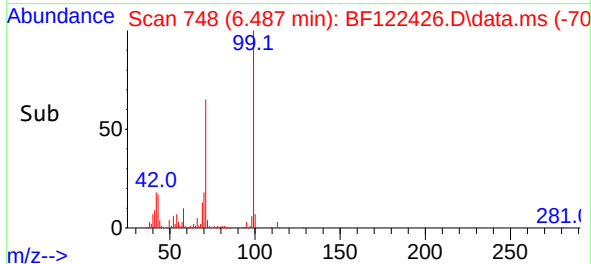
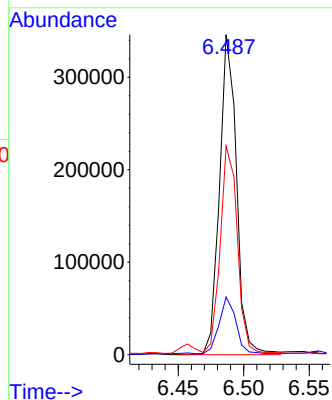
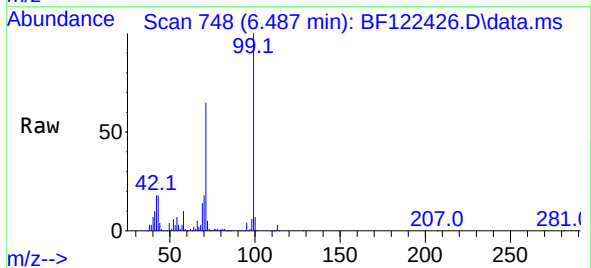




#7
Phenol-d6
Concen: 17.83 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.024 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

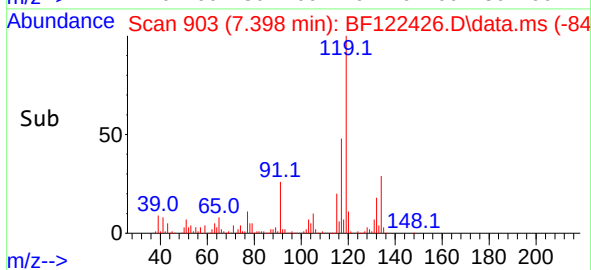
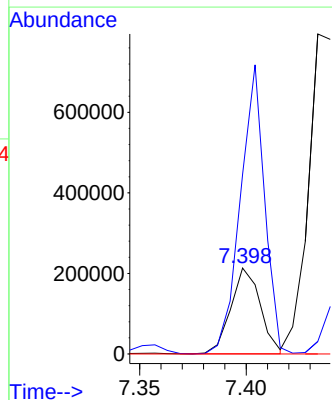
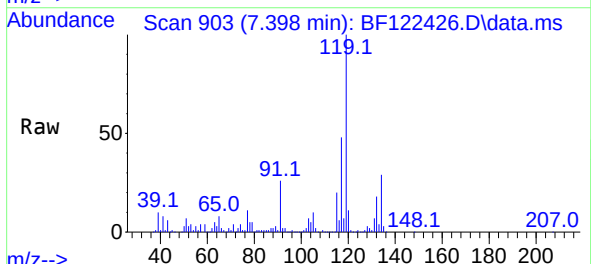
Instrument :
BNA_F
ClientSampleId :
MW-5

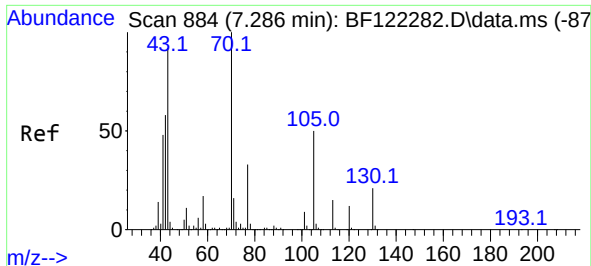
Tgt Ion: 99 Resp: 311490
Ion Ratio Lower Upper
99 100
42 18.0 15.9 23.9
71 65.2 27.1 40.7#



#18
Hexachloroethane
Concen: 37.20 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.018 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

Tgt Ion: 117 Resp: 204638
Ion Ratio Lower Upper
117 100
119 208.9 76.3 114.5#
201 0.0 71.8 107.6#

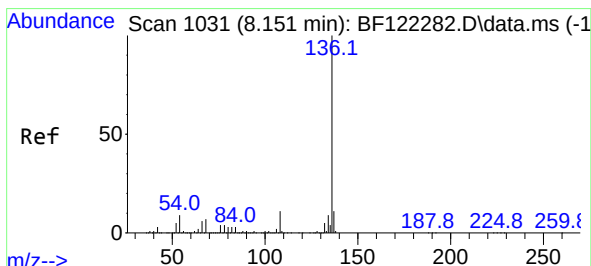
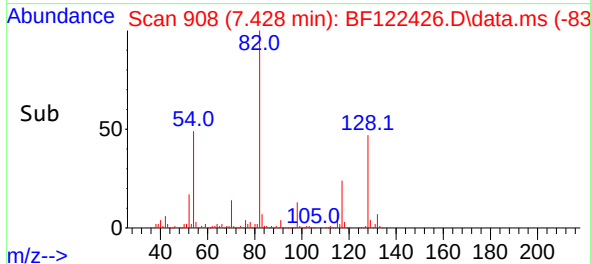
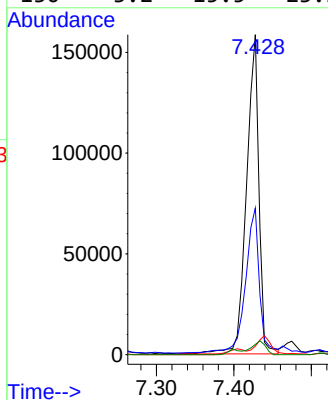
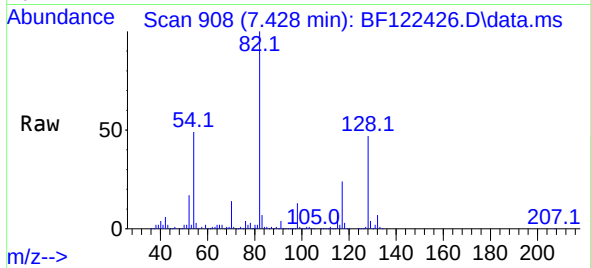




#19
n-Nitroso-di-n-propylamine
Concen: 16.99 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

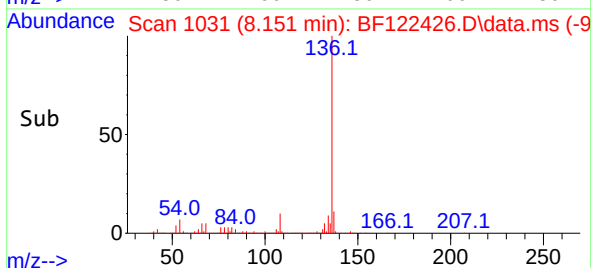
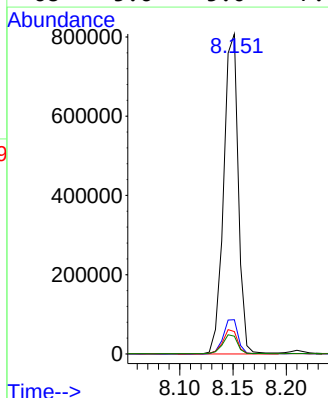
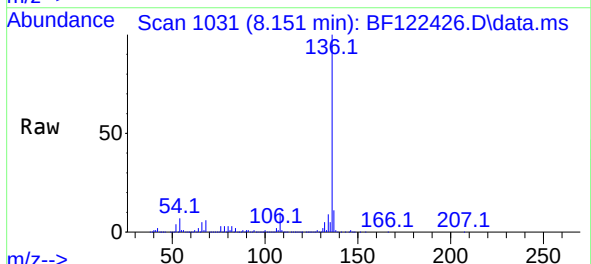
Instrument :
BNA_F
ClientSampleId :
MW-5

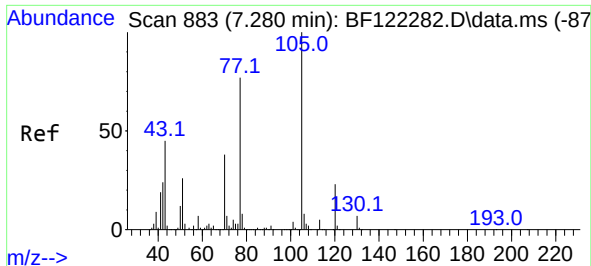
Tgt Ion: 70 Resp: 177353
Ion Ratio Lower Upper
70 100
42 45.8 50.2 75.4#
101 2.7 7.5 11.3#
130 3.2 15.5 23.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

Tgt Ion:136 Resp: 770522
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.0 7.1 10.7#
68 5.6 5.0 7.4

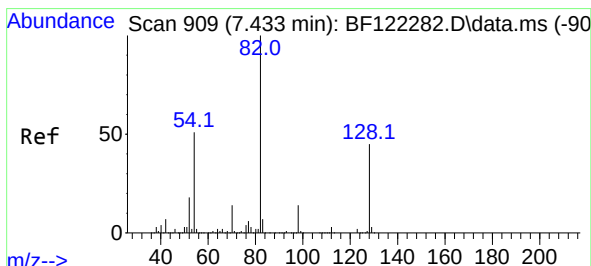
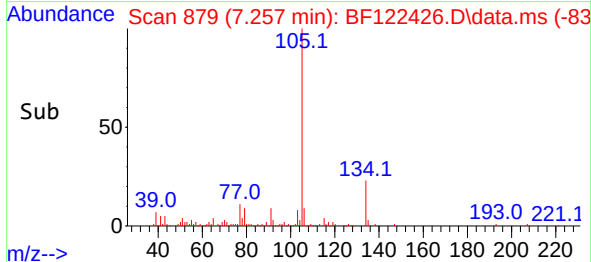
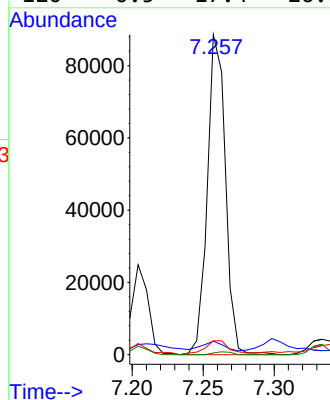
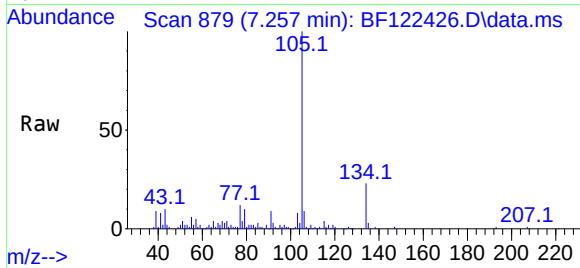




#22
Acetophenone
Concen: 3.92 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.024 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

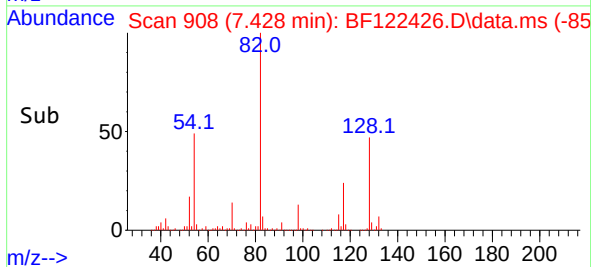
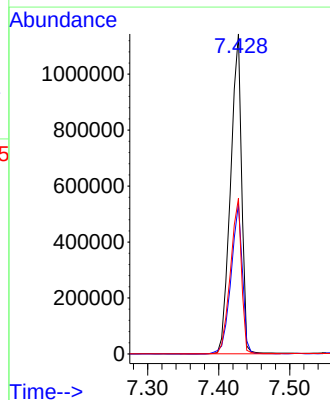
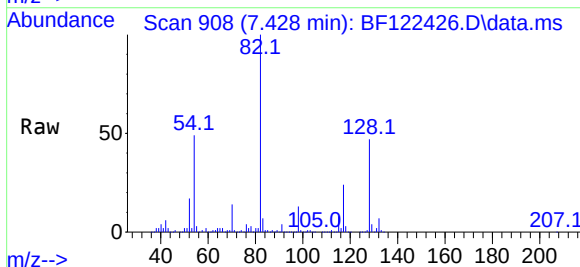
Instrument :
BNA_F
ClientSampled :
MW-5

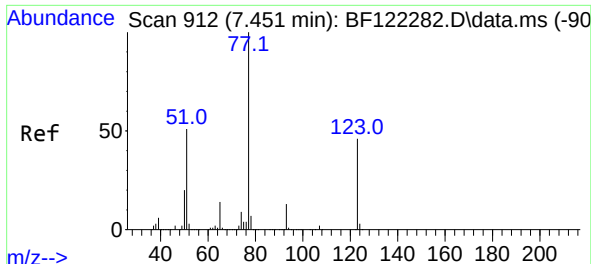
Tgt Ion:105 Resp: 78706
Ion Ratio Lower Upper
105 100
71 4.2 5.3 7.9#
51 4.4 33.2 49.8#
120 0.5 17.4 26.0#



#23
Nitrobenzene-d5
Concen: 98.62 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

Tgt Ion: 82 Resp: 1241295
Ion Ratio Lower Upper
82 100
128 46.9 35.0 52.4
54 48.6 43.9 65.9

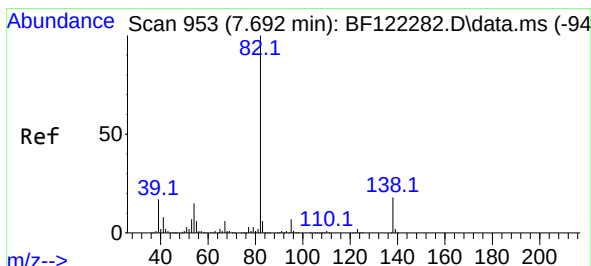
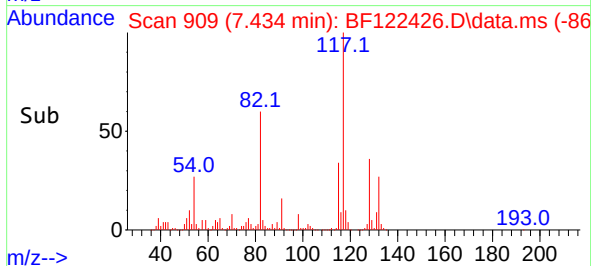
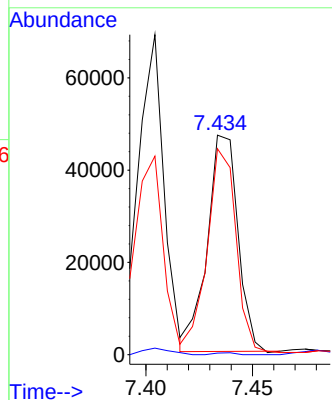
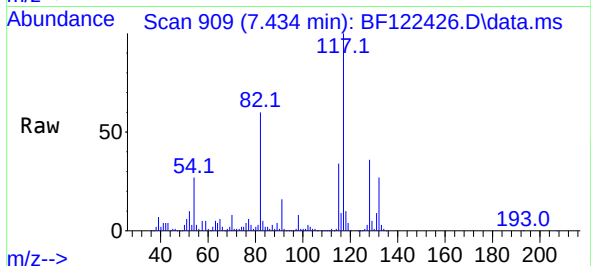




#24
Nitrobenzene
Concen: 3.26 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.018 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

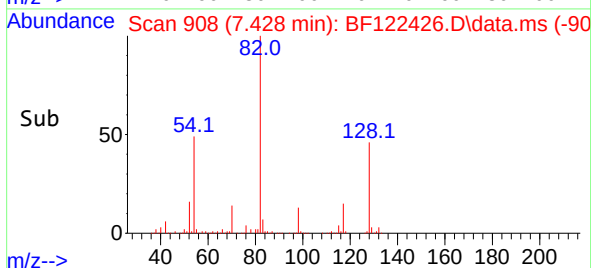
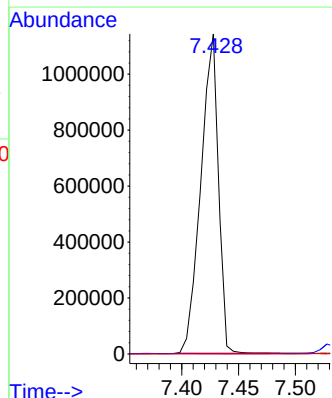
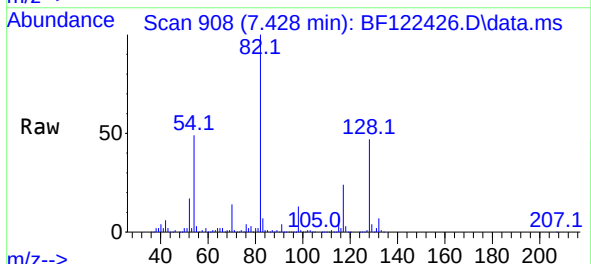
Instrument :
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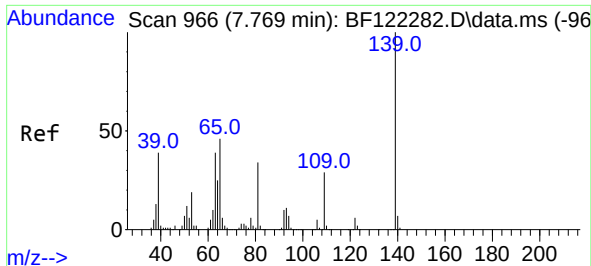
Tgt Ion: 77 Resp: 46999
Ion Ratio Lower Upper
77 100
123 0.8 35.6 53.4#
65 93.9 11.2 16.8#



#25
Isophorone
Concen: 43.65 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

Tgt Ion: 82 Resp: 1224914
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.0#
138 0.0 13.4 20.0#

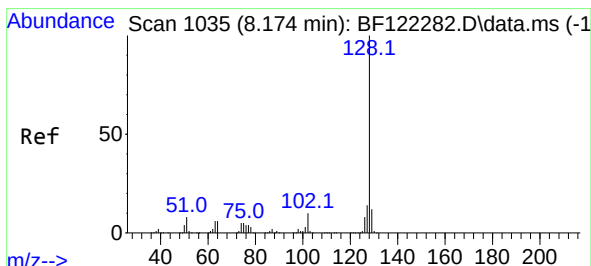
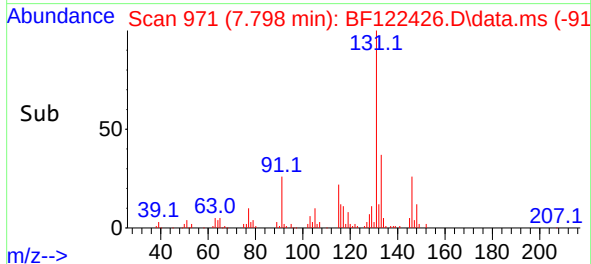
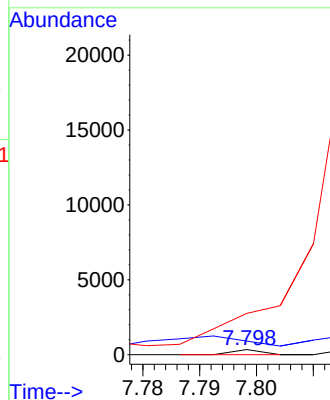
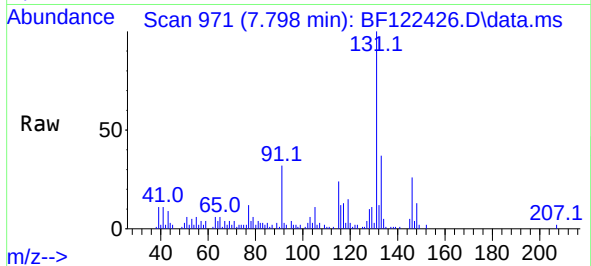




#26
2-Nitrophenol
Concen: 6.83 ng
RT: 7.798 min Scan# 971
Delta R.T. 0.029 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

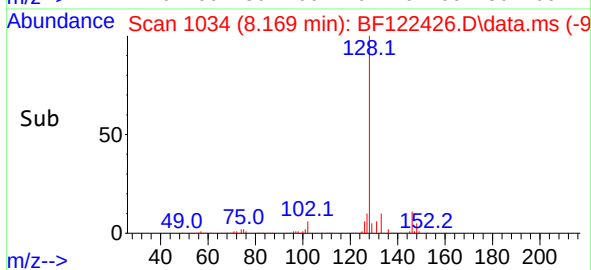
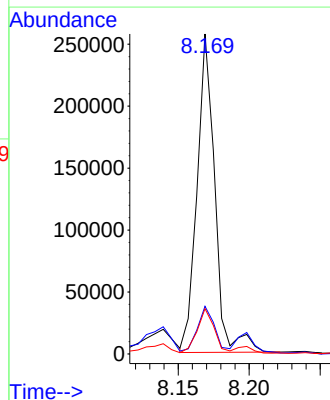
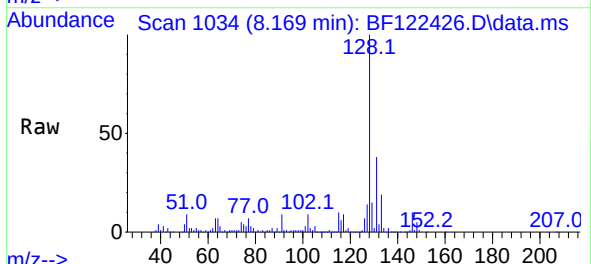
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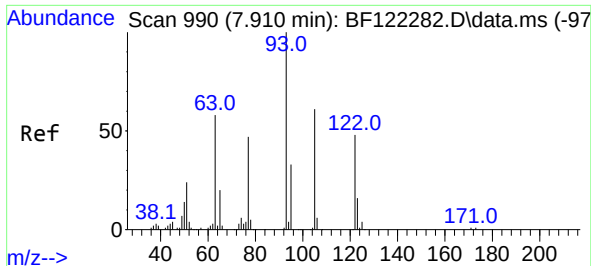
Tgt Ion:139 Resp: 122
Ion Ratio Lower Upper
139 100
109 261.7 23.0 34.4#
65 795.7 39.9 59.9#



#31
Naphthalene
Concen: 5.49 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

Tgt Ion:128 Resp: 225050
Ion Ratio Lower Upper
128 100
129 14.9 8.7 13.1#
127 14.1 10.8 16.2

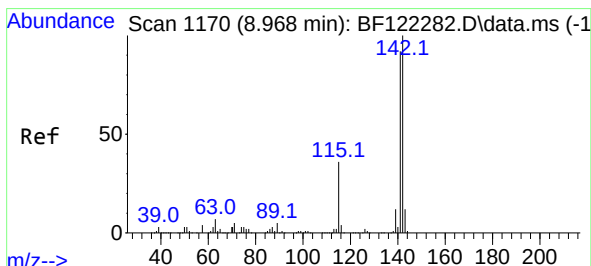
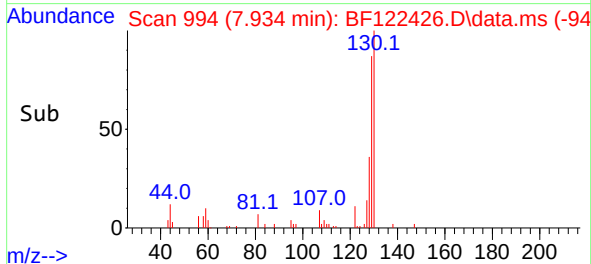
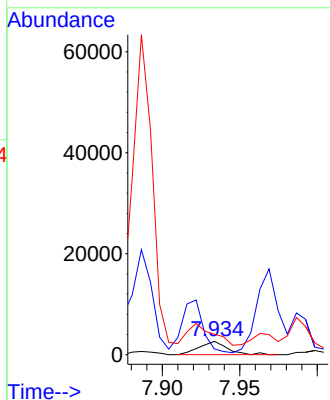
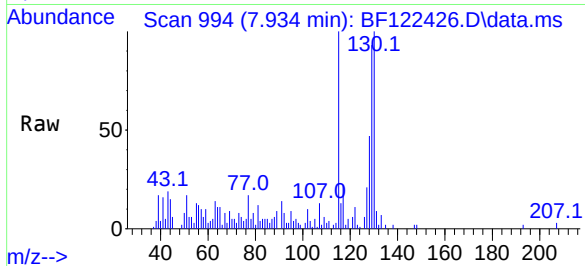




#32
Benzoic acid
Concen: 8.34 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

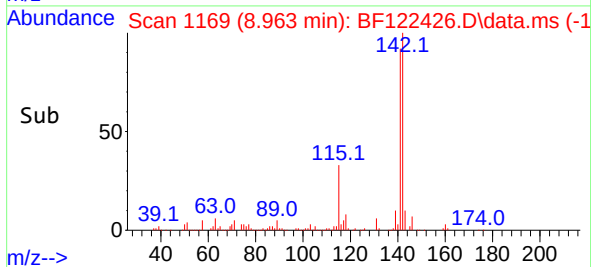
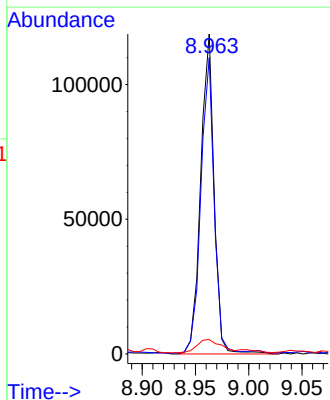
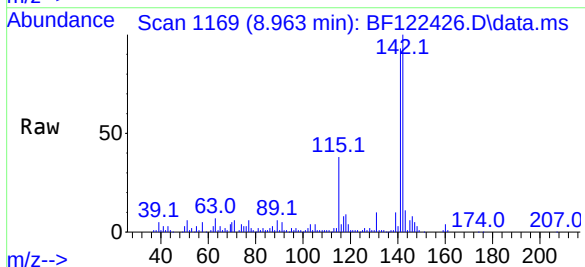
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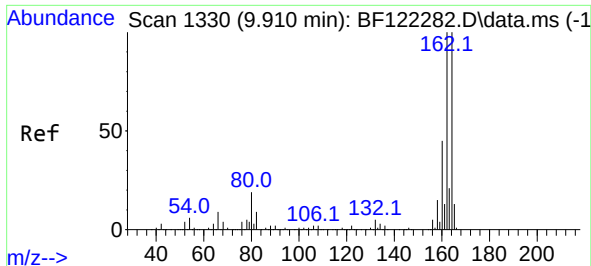
Tgt Ion:122 Resp: 3330
Ion Ratio Lower Upper
122 100
105 43.2 103.3 143.3#
77 154.5 73.9 113.9#



#38
1-Methylnaphthalene
Concen: 4.12 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

Tgt Ion:142 Resp: 104474
Ion Ratio Lower Upper
142 100
141 92.6 74.5 111.7
116 4.5 3.2 4.8

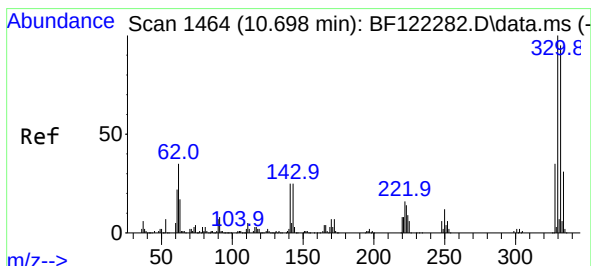
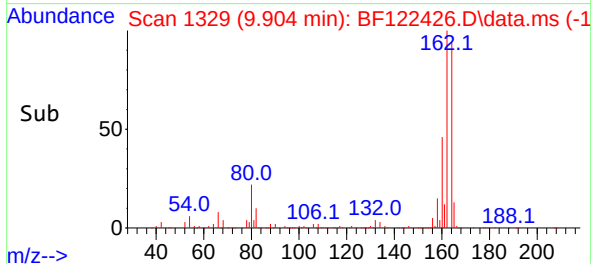
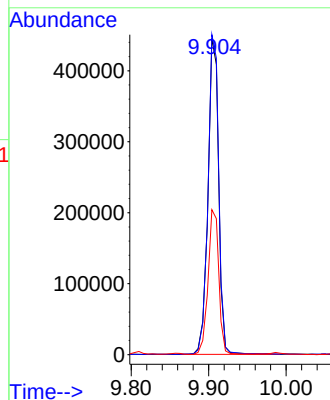
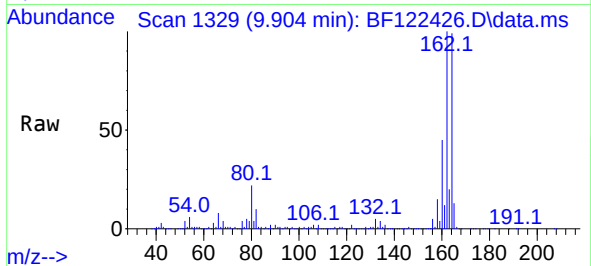




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

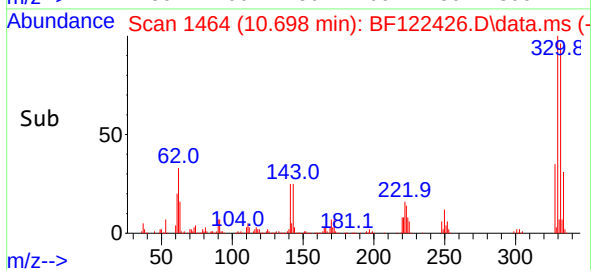
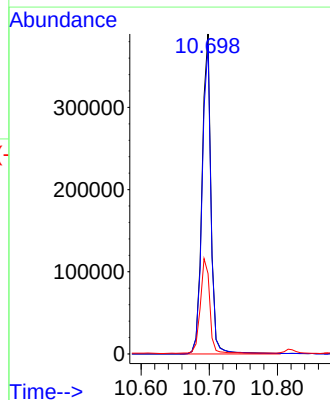
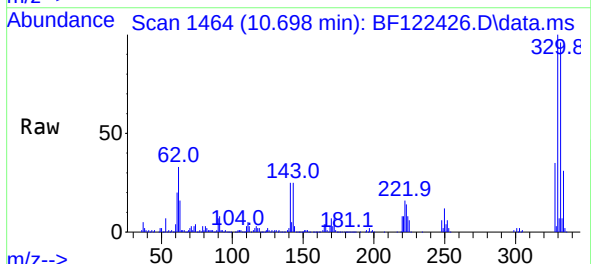
Instrument :
BNA_F
ClientSampled :
MW-5

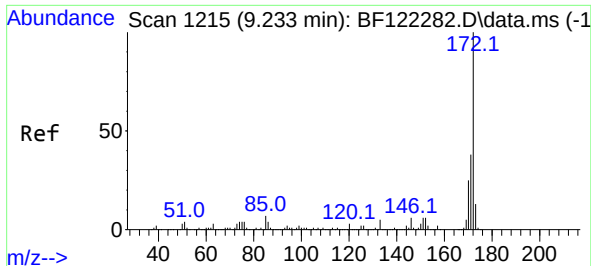
Tgt Ion:164 Resp: 425218
Ion Ratio Lower Upper
164 100
162 101.2 83.2 124.8
160 45.9 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 77.47 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

Tgt Ion:330 Resp: 353550
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 31.6 22.3 33.5

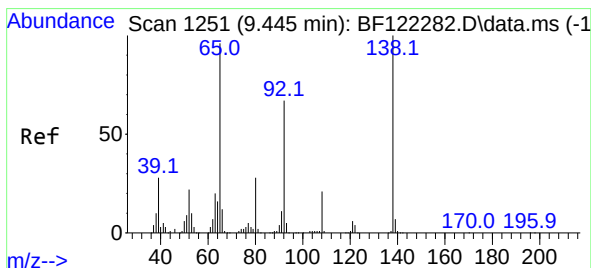
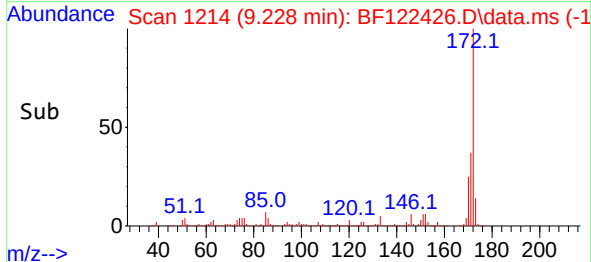
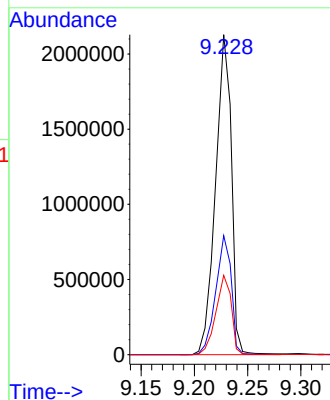
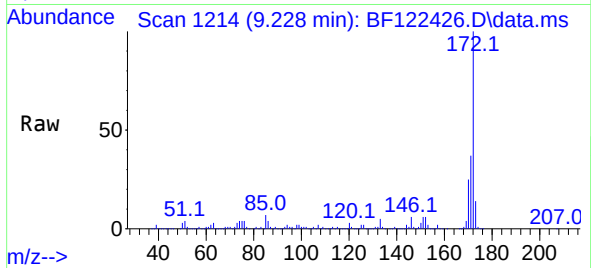




#45
2-Fluorobiphenyl
Concen: 80.71 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

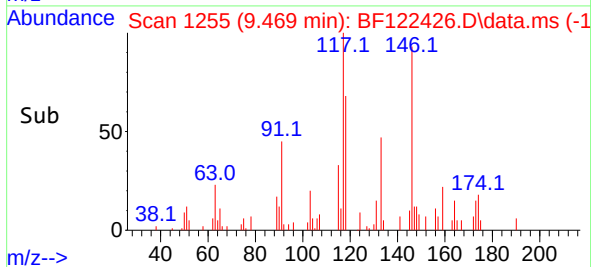
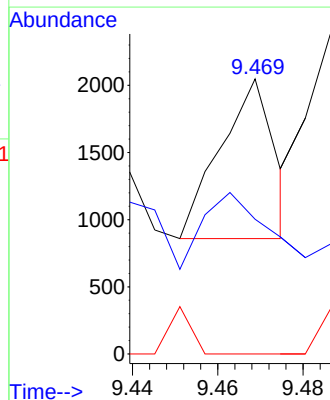
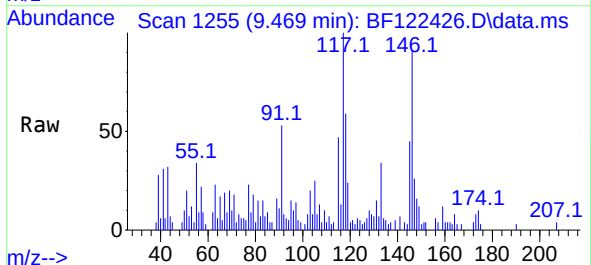
Instrument :
BNA_F
ClientSampleId :
MW-5

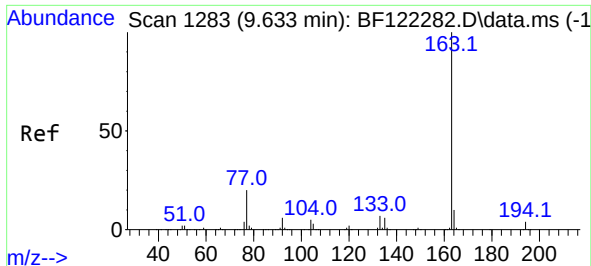
Tgt Ion:172 Resp: 2196391
Ion Ratio Lower Upper
172 100
171 37.2 29.1 43.7
170 24.8 19.8 29.6



#48
2-Nitroaniline
Concen: 5.29 ng
RT: 9.469 min Scan# 1255
Delta R.T. 0.012 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

Tgt Ion: 65 Resp: 1055
Ion Ratio Lower Upper
65 100
92 49.0 55.1 82.7#
138 0.0 80.5 120.7#

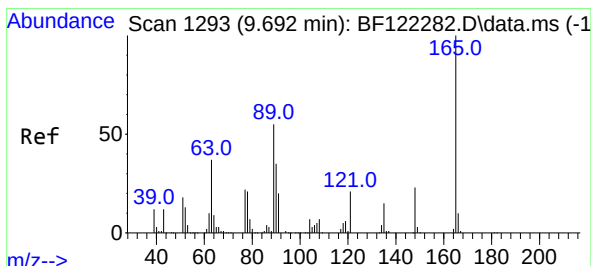
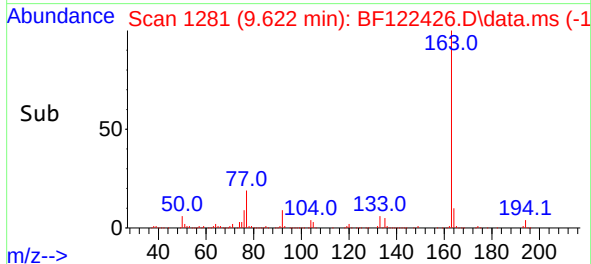
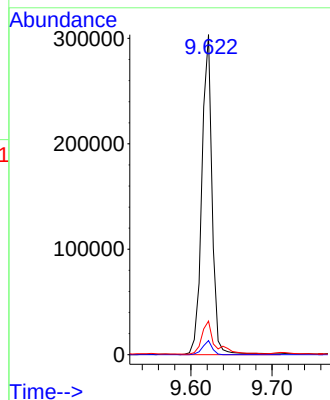
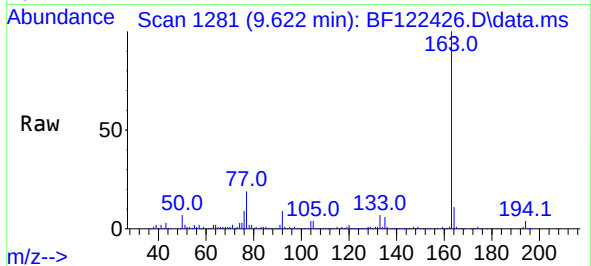




#50
Dimethylphthalate
Concen: 8.85 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

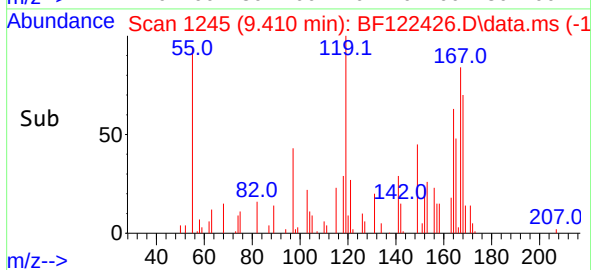
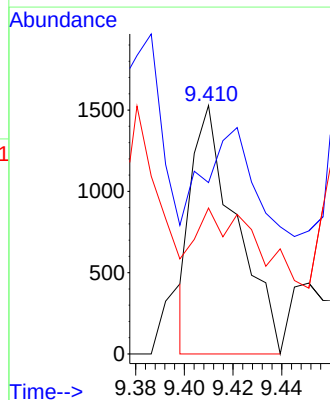
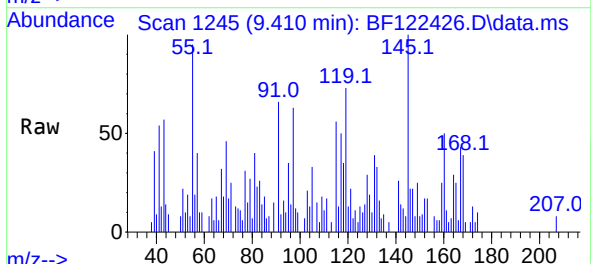
Instrument :
BNA_F
ClientSampled :
MW-5

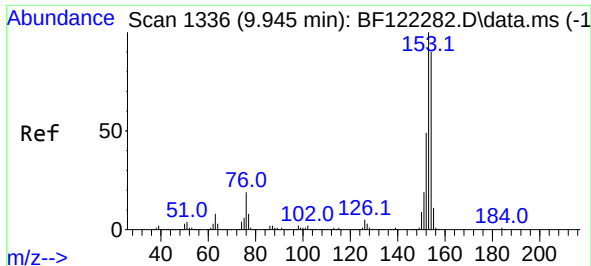
Tgt Ion:163 Resp: 267582
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.5 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 4.08 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.288 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

Tgt Ion:165 Resp: 1927
Ion Ratio Lower Upper
165 100
63 69.0 51.8 77.6
89 58.7 49.0 73.6

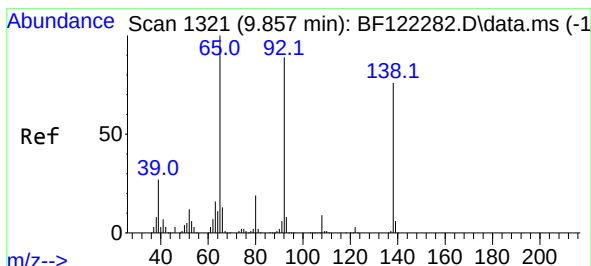
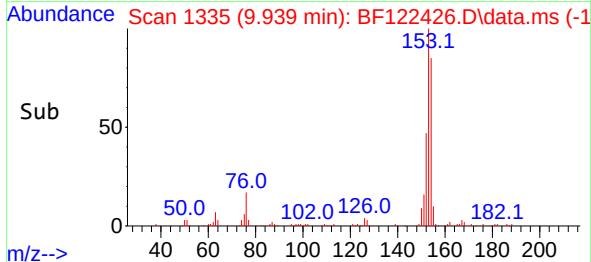
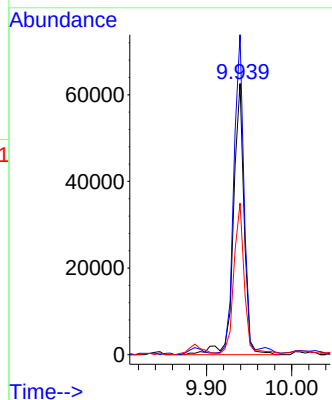
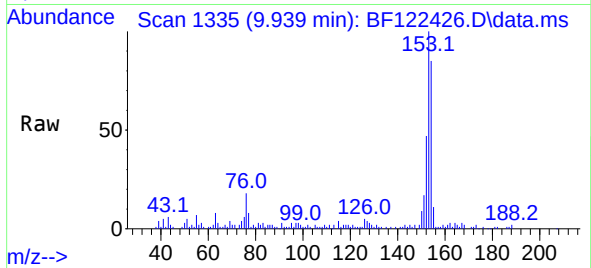




#52
Acenaphthene
Concen: 2.14 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

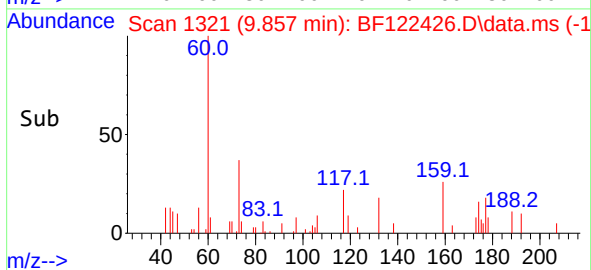
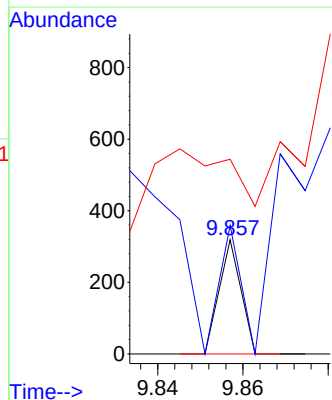
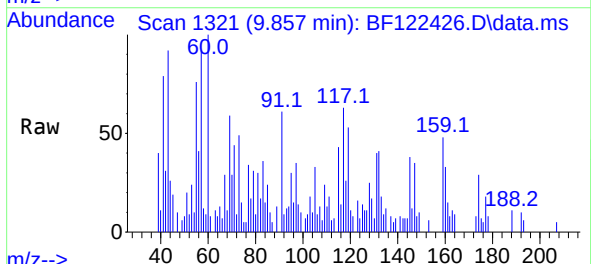
Instrument :
BNA_F
ClientSampled :
MW-5

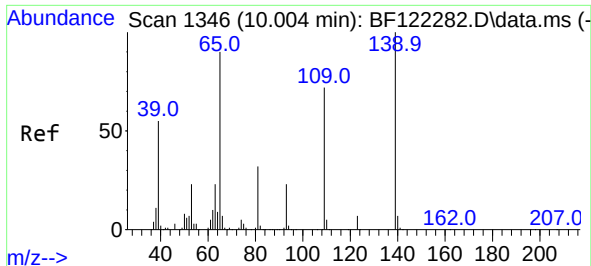
Tgt Ion:154 Resp: 54716
Ion Ratio Lower Upper
154 100
153 118.0 89.8 134.8
152 55.9 43.2 64.8



#53
3-Nitroaniline
Concen: 3.57 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

Tgt Ion:138 Resp: 113
Ion Ratio Lower Upper
138 100
108 112.5 8.6 13.0#
92 170.5 96.6 144.8#

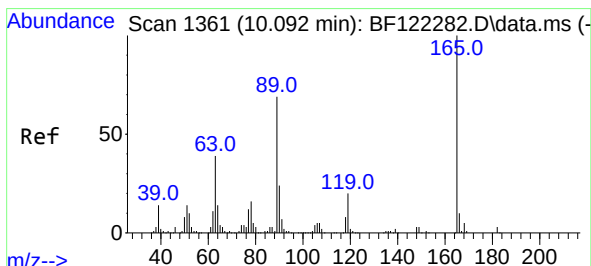
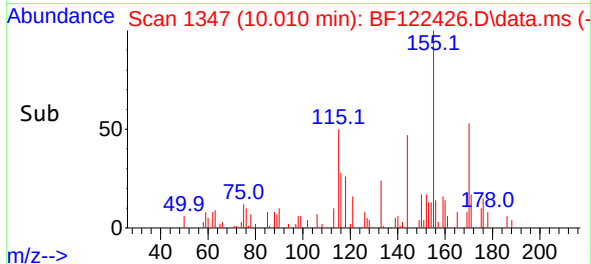
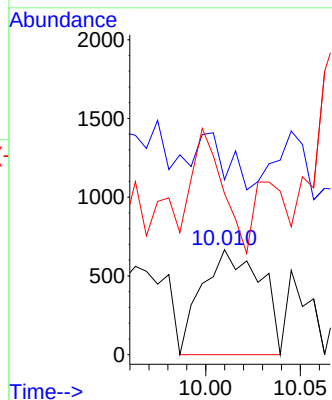
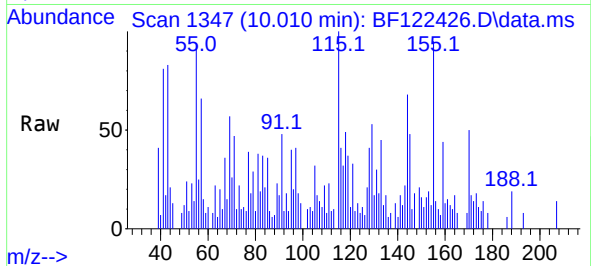




#56
4-Nitrophenol
Concen: 5.61 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.018 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

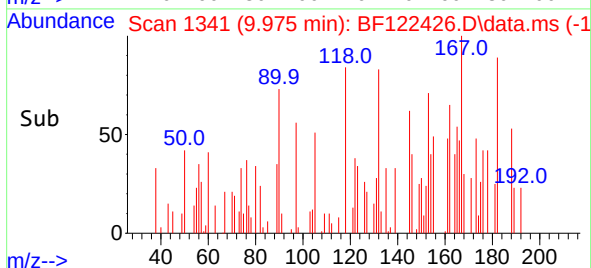
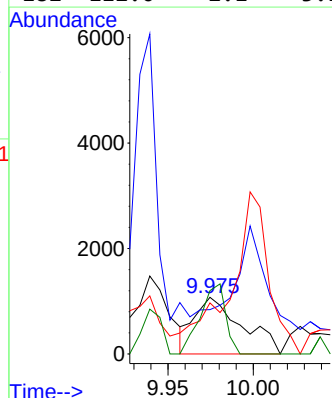
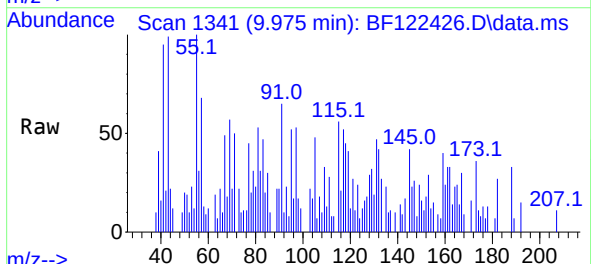
Instrument :
BNA_F
ClientSampled :
MW-5

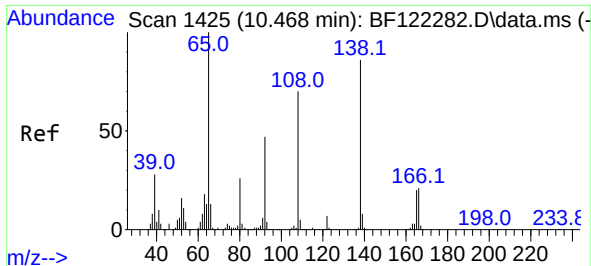
Tgt Ion:139 Resp: 1425
Ion Ratio Lower Upper
139 100
109 166.4 45.4 85.4#
65 153.4 68.4 108.4#



#57
2,4-Dinitrotoluene
Concen: 4.94 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.124 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

Tgt Ion:165 Resp: 2081
Ion Ratio Lower Upper
165 100
63 78.2 41.3 61.9#
89 90.0 61.8 92.8
182 112.0 2.1 3.1#



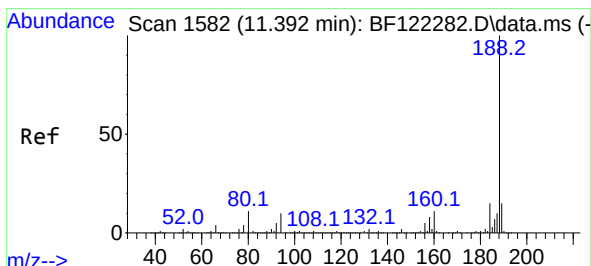
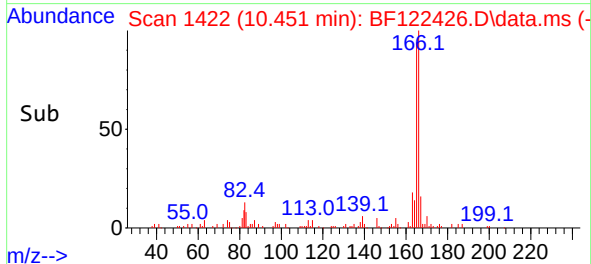
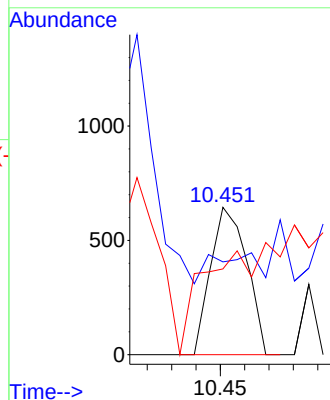
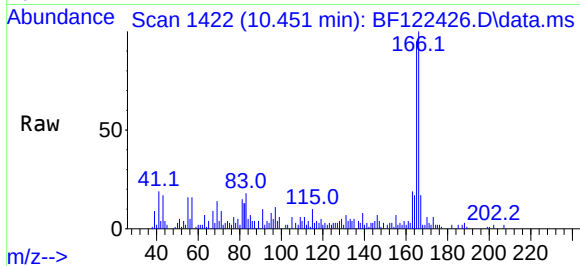


#62
4-Nitroaniline
Concen: 3.46 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.035 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:138 Resp: 664

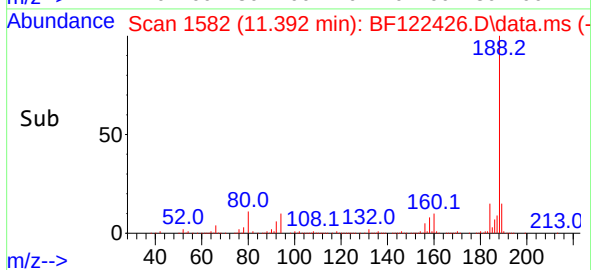
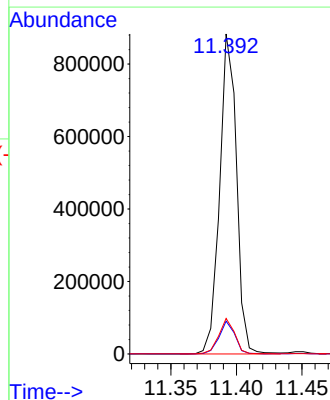
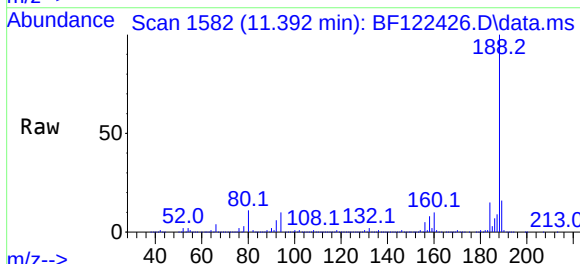
Ion	Ratio	Lower	Upper
138	100		
92	62.9	31.0	71.0
108	58.1	51.5	91.5

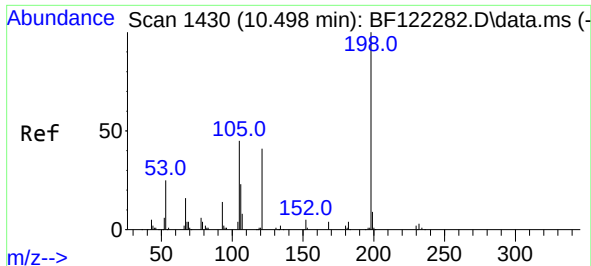


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

Tgt Ion:188 Resp: 787195

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.3	12.5
80	11.1	9.1	13.7

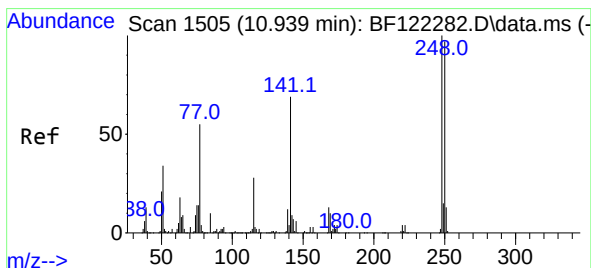
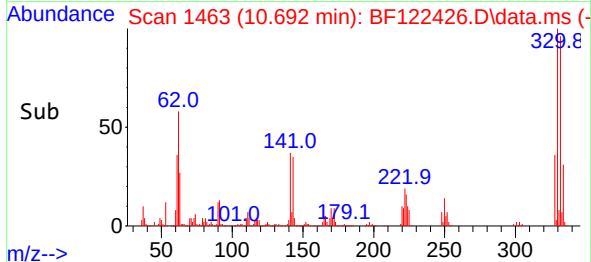
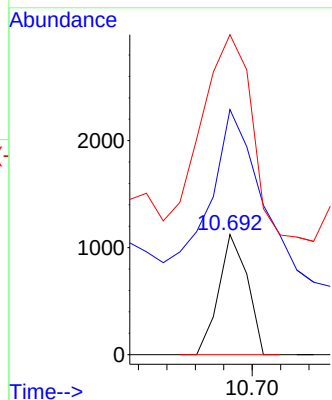
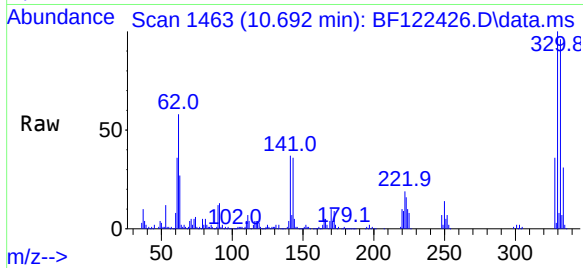




#65
4,6-Dinitro-2-methylphenol
Concen: 6.44 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.182 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

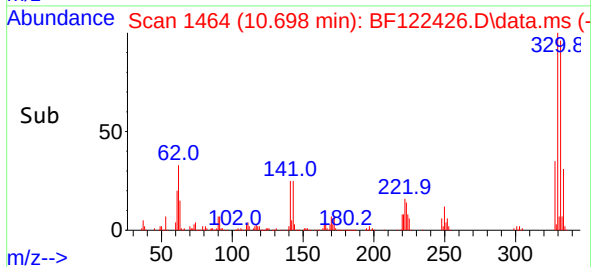
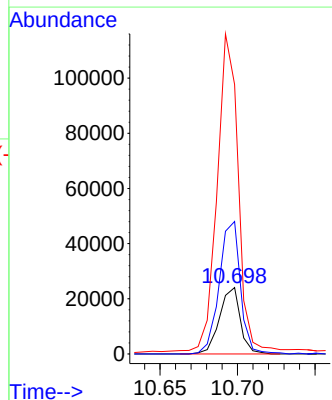
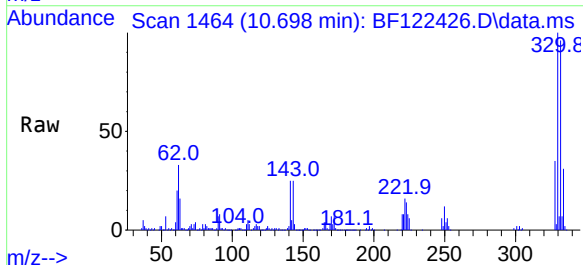
Instrument :
BNA_F
ClientSampled :
MW-5

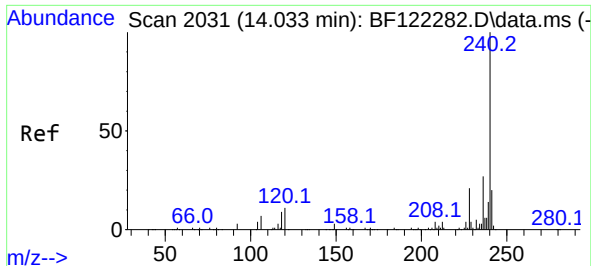
Tgt Ion:198 Resp: 787
Ion Ratio Lower Upper
198 100
51 204.2 29.6 69.6#
105 266.5 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 2.43 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

Tgt Ion:248 Resp: 22455
Ion Ratio Lower Upper
248 100
250 199.7 77.0 115.6#
141 406.1 53.7 80.5#

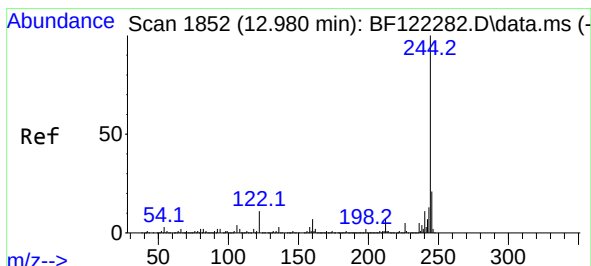
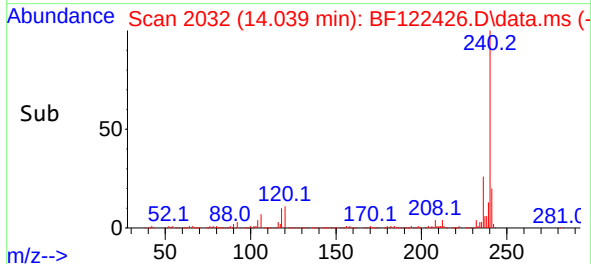
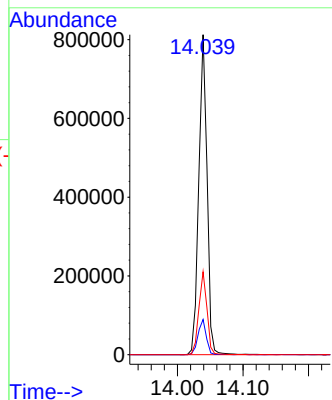
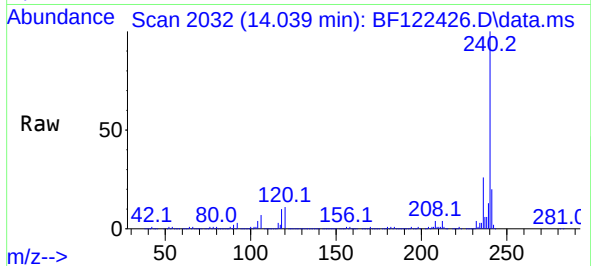




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

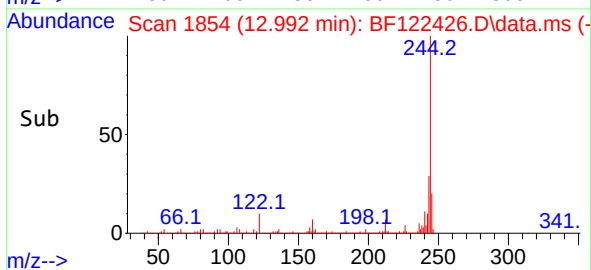
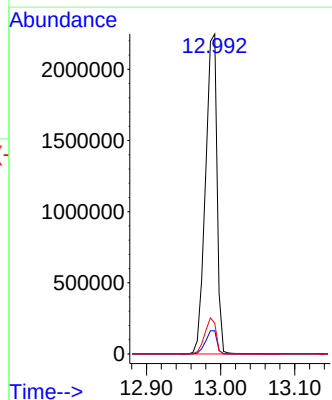
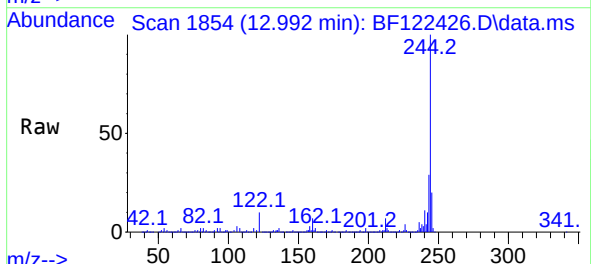
Instrument :
BNA_F
ClientSampled :
MW-5

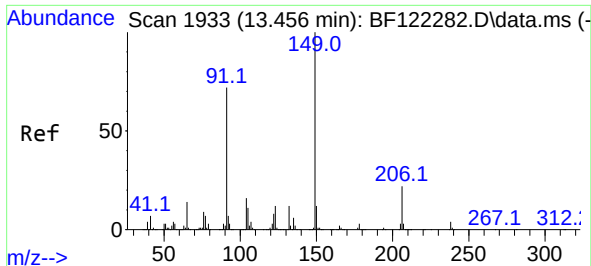
Tgt Ion:240 Resp: 714830
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 25.9 20.9 31.3



#79
Terphenyl-d14
Concen: 72.01 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

Tgt Ion:244 Resp: 2429661
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 9.6 8.1 12.1

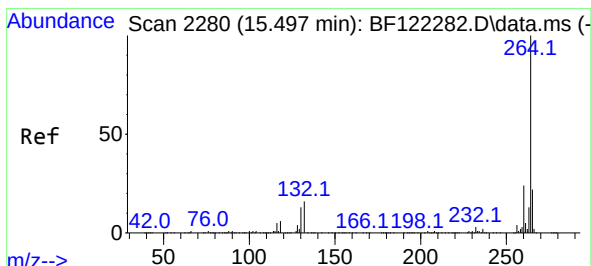
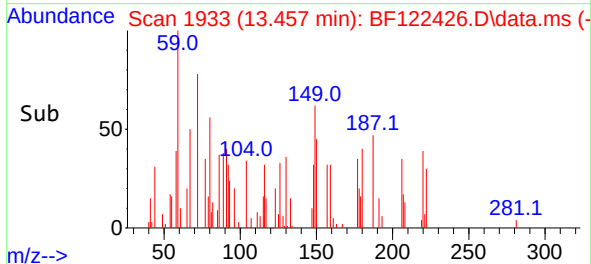
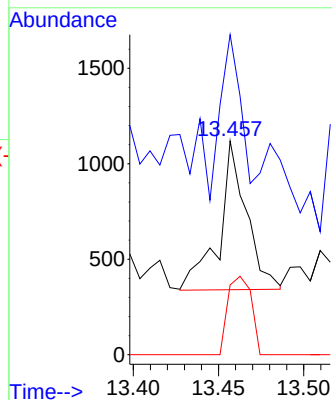
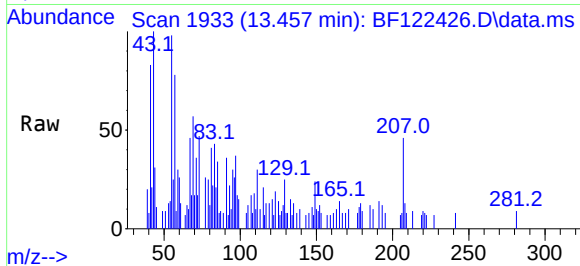




#80
Butylbenzylphthalate
Concen: 3.33 ng
RT: 13.457 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion:149 Resp: 870
Ion Ratio Lower Upper
149 100
91 149.6 61.0 91.4#
206 32.7 16.7 25.1#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.018 min
Lab File: BF122426.D
Acq: 21 Nov 2020 18:08

Tgt Ion:264 Resp: 644975
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 22.2 17.3 25.9

