

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
 Data File : BF122353.D
 Acq On : 17 Nov 2020 18:53
 Operator : JU/CG
 Sample : L4617-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-3-(0.5-1)

Quant Time: Nov 18 00:23:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

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

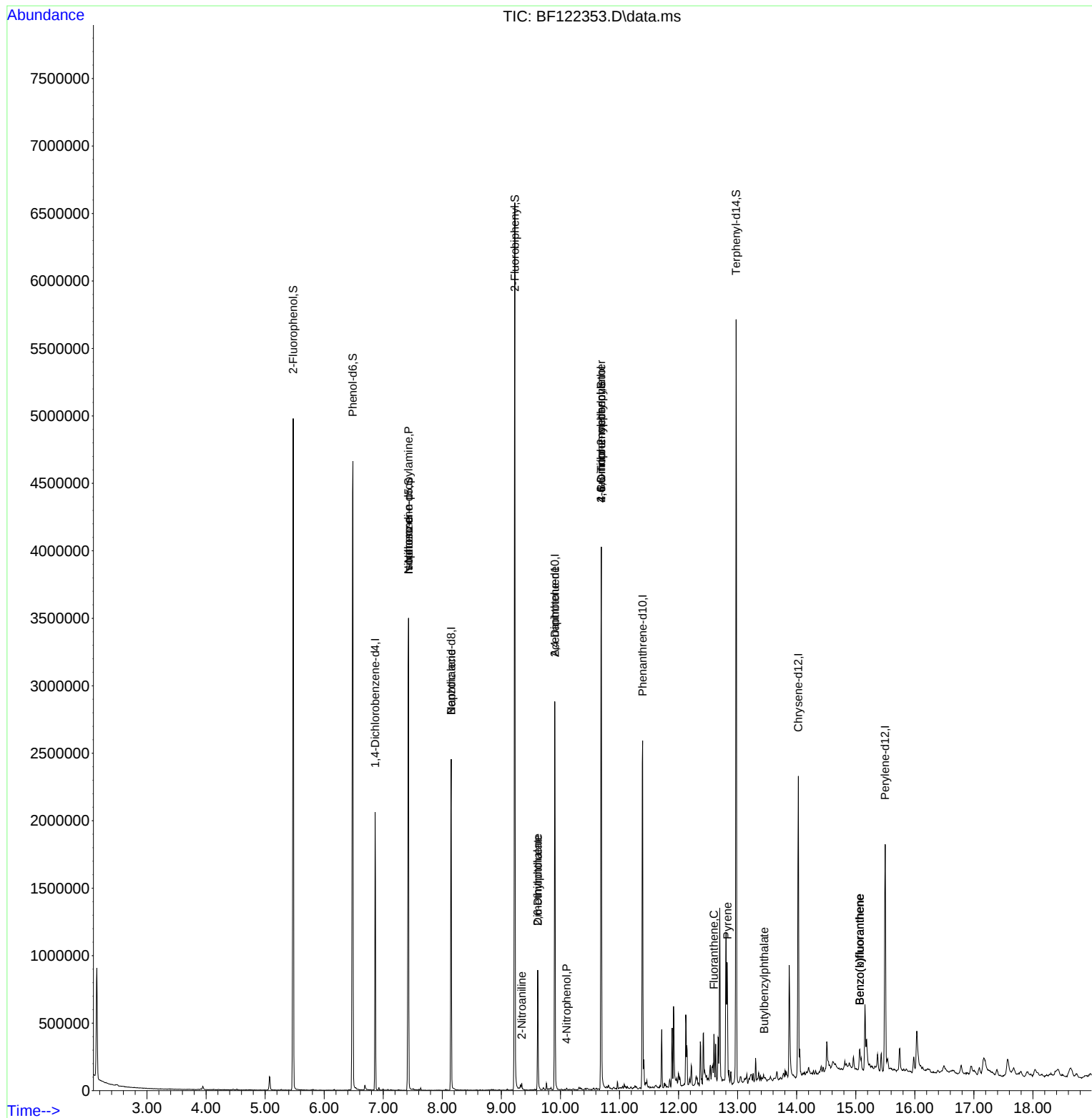
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	284248	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1063933	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	562565	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	966679	20.00	ng	0.00
76) Chrysene-d12	14.027	240	689597	20.00	ng	0.00
86) Perylene-d12	15.498	264	766275	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1353845	73.13	ng	0.00
7) Phenol-d6	6.487	99	1809532	74.72	ng	0.00
23) Nitrobenzene-d5	7.428	82	1159810	66.74	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	507859	84.11	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1925145	53.47	ng	0.00
79) Terphenyl-d14	12.974	244	1716443	52.73	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	147	Below Cal		87
19) n-Nitroso-di-n-propyla...	7.428	70	156618	10.82 ng	#	75
25) Isophorone	7.428	82	1143441	29.51 ng	#	67
32) Benzoic acid	8.151	122	137	7.97 ng	#	1
48) 2-Nitroaniline	9.345	65	552	5.22 ng	#	6
50) Dimethylphthalate	9.616	163	355439	8.89 ng		99
51) 2,6-Dinitrotoluene	9.616	165	3692	4.20 ng	#	7
56) 4-Nitrophenol	10.104	139	439	5.45 ng	#	10
57) 2,4-Dinitrotoluene	9.904	165	73611	10.64 ng	#	20
65) 4,6-Dinitro-2-methylph...	10.692	198	1214	6.51 ng	#	1
67) 4-Bromophenyl-phenylether	10.692	248	32444	2.86 ng	#	1
75) Fluoranthene	12.598	202	133116	2.32 ng		98
78) Pyrene	12.827	202	134133	2.77 ng		98
80) Butylbenzylphthalate	13.451	149	1904	3.38 ng	#	87
88) Benzo(b)fluoranthene	15.068	252	117334	2.36 ng	#	97
89) Benzo(k)fluoranthene	15.068	252	117334	2.42 ng	#	97

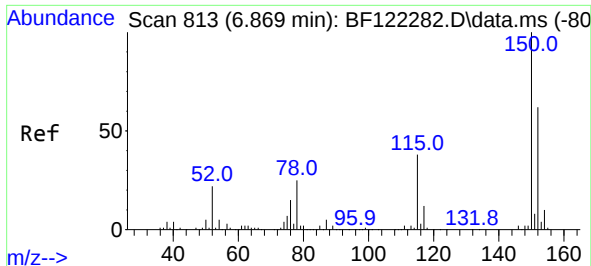
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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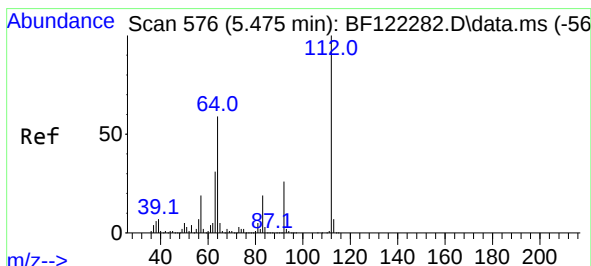
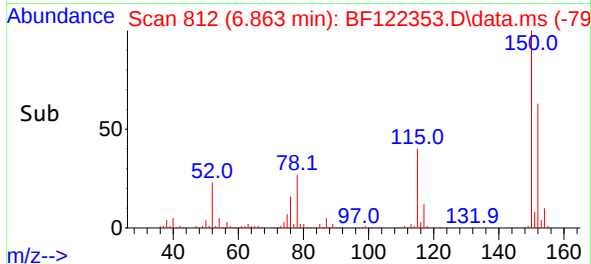
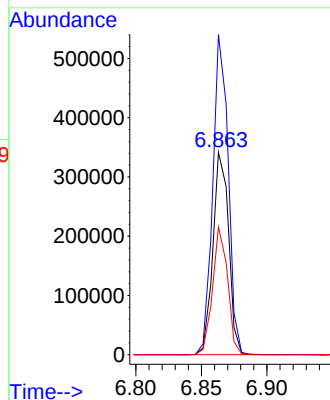
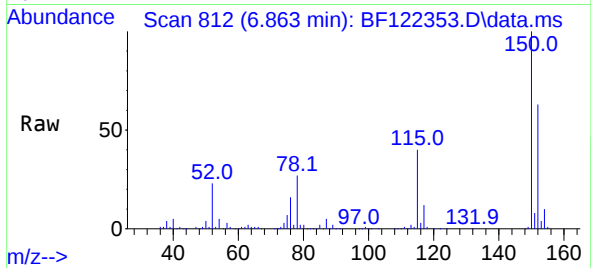




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122353.D
Acq: 17 Nov 2020 18:53

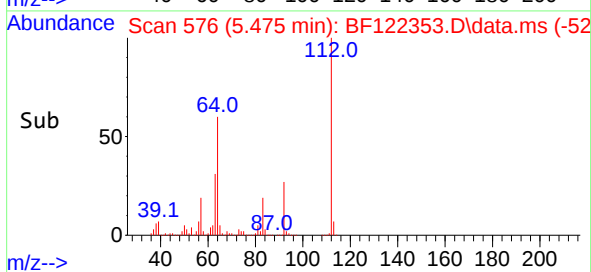
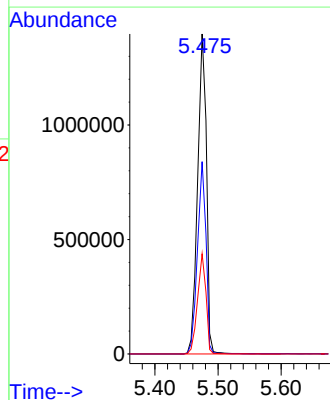
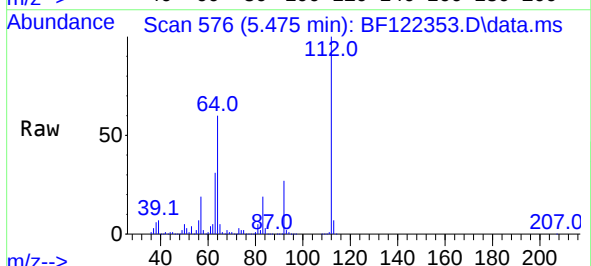
Instrument :
BNA_F
ClientSampleId :
BG-3-(0.5-1)

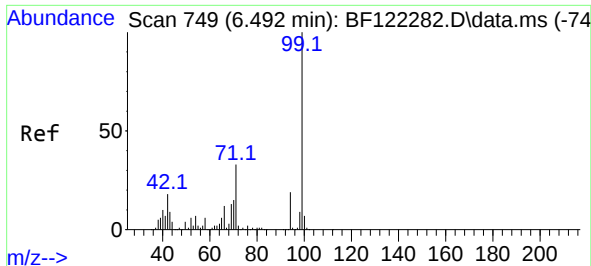
Tgt Ion:152 Resp: 284248
Ion Ratio Lower Upper
152 100
150 158.1 125.3 187.9
115 63.1 51.9 77.9



#5
2-Fluorophenol
Concen: 73.13 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF122353.D
Acq: 17 Nov 2020 18:53

Tgt Ion:112 Resp: 1353845
Ion Ratio Lower Upper
112 100
64 60.1 50.4 75.6
63 31.3 25.8 38.6

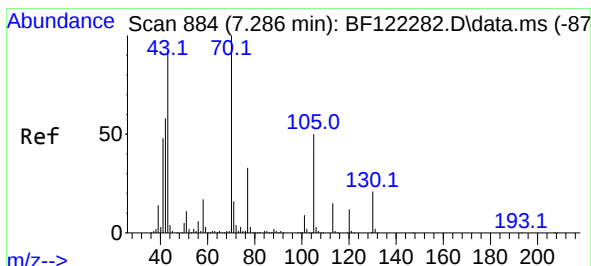
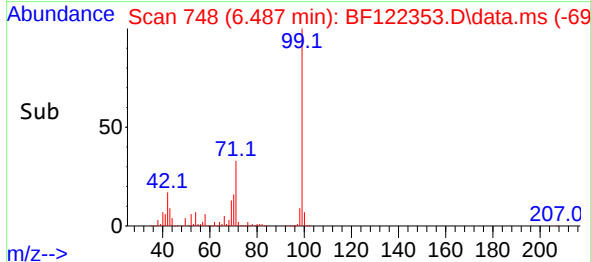
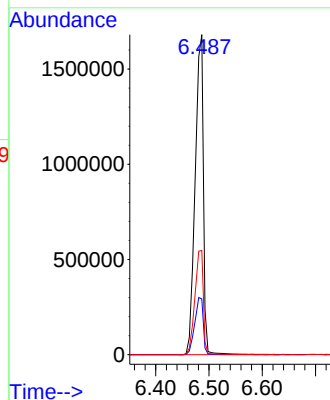
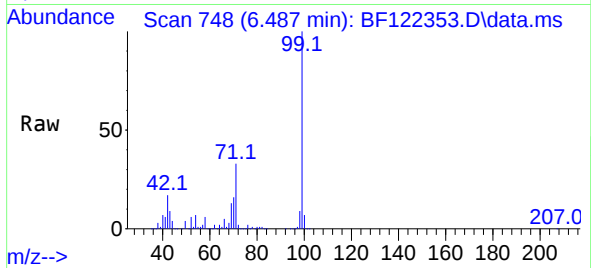




#7
Phenol-d6
Concen: 74.72 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF122353.D
Acq: 17 Nov 2020 18:53

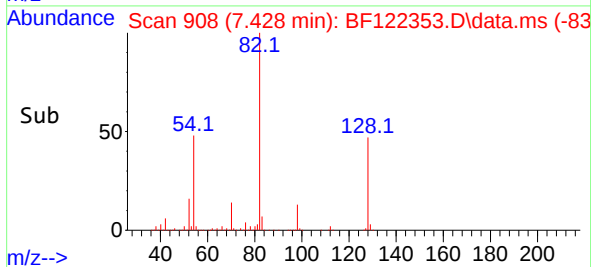
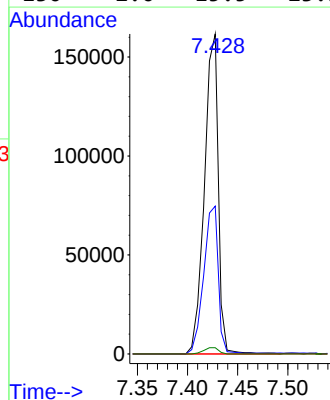
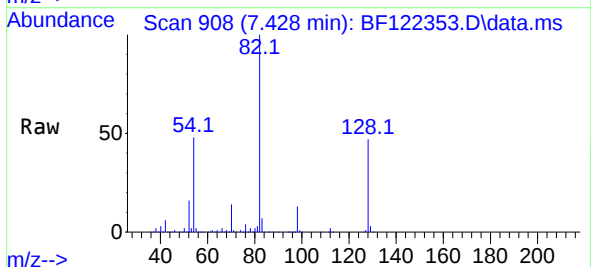
Instrument :
BNA_F
ClientSampleId :
BG-3-(0.5-1)

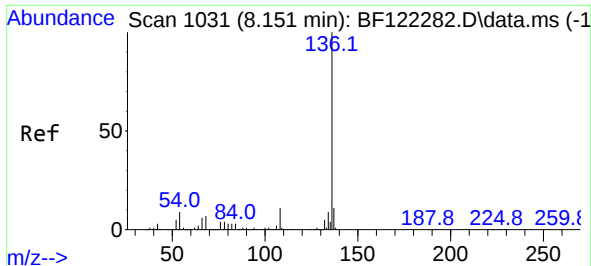
Tgt Ion: 99 Resp: 1809532
Ion Ratio Lower Upper
99 100
42 17.4 15.9 23.9
71 32.5 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.82 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122353.D
Acq: 17 Nov 2020 18:53

Tgt Ion: 70 Resp: 156618
Ion Ratio Lower Upper
70 100
42 46.2 50.2 75.4#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



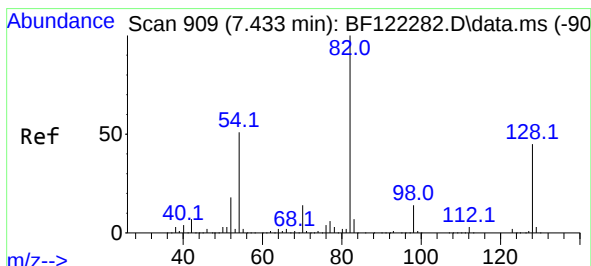
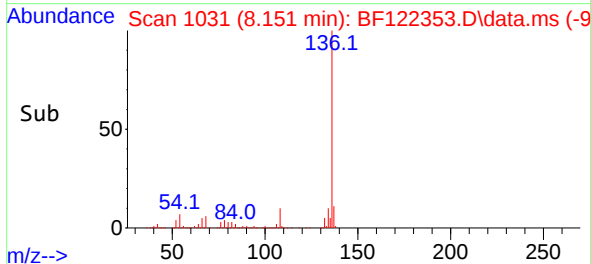
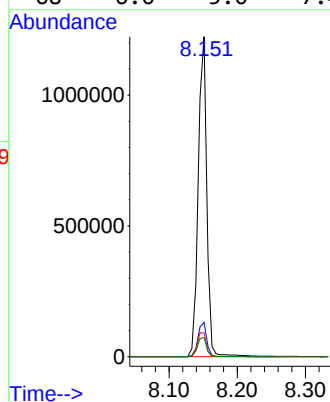
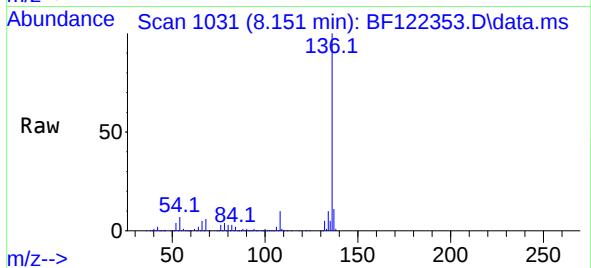


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122353.D
Acq: 17 Nov 2020 18:53

Instrument :
BNA_F
ClientSampleId :
BG-3-(0.5-1)

Tgt Ion:136 Resp: 1063933

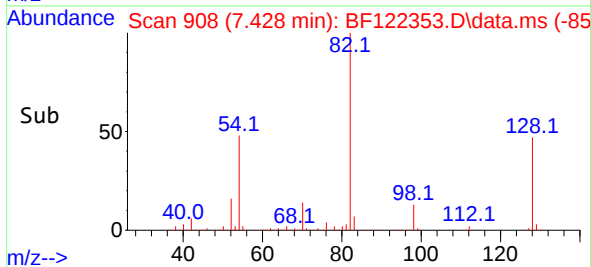
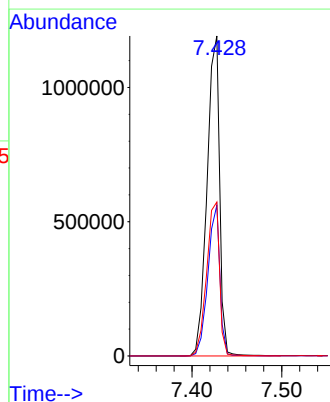
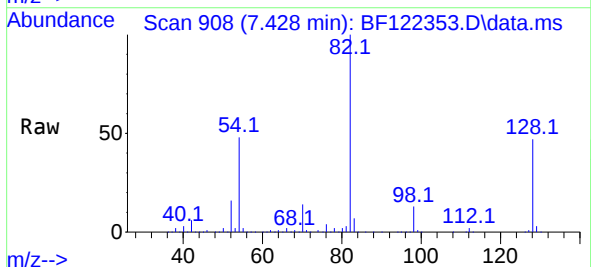
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.5	7.1	10.7
68	6.0	5.0	7.4

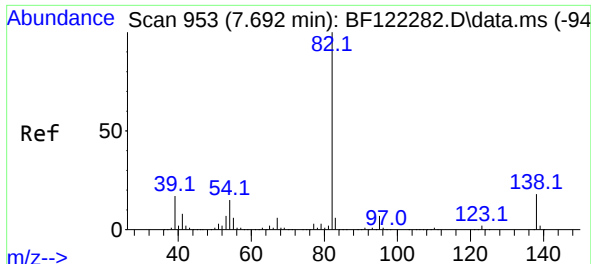


#23
Nitrobenzene-d5
Concen: 66.74 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122353.D
Acq: 17 Nov 2020 18:53

Tgt Ion: 82 Resp: 1159810

Ion	Ratio	Lower	Upper
82	100		
128	47.1	35.0	52.4
54	48.1	43.9	65.9

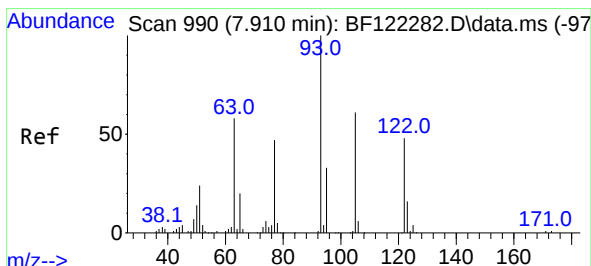
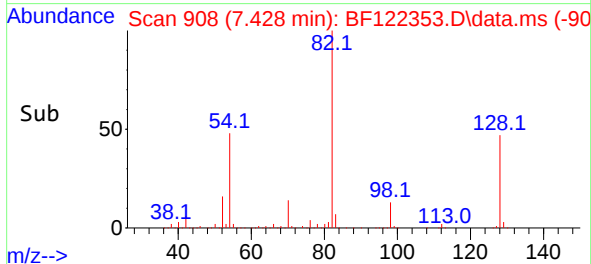
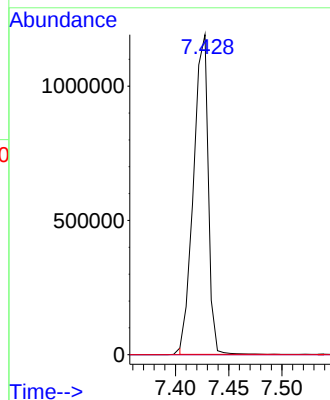
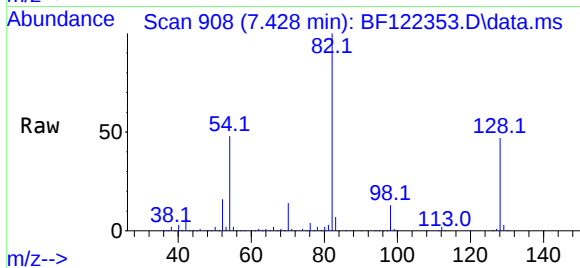




#25
Isophorone
Concen: 29.51 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.264 min
Lab File: BF122353.D
Acq: 17 Nov 2020 18:53

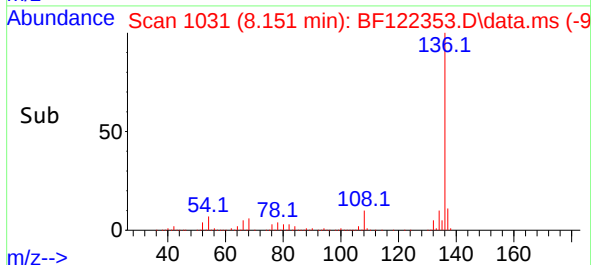
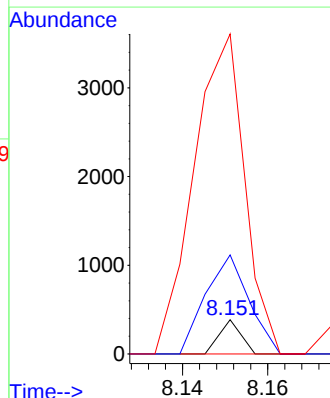
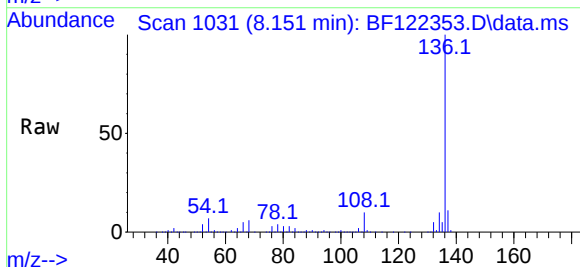
Instrument :
BNA_F
ClientSampleId :
BG-3-(0.5-1)

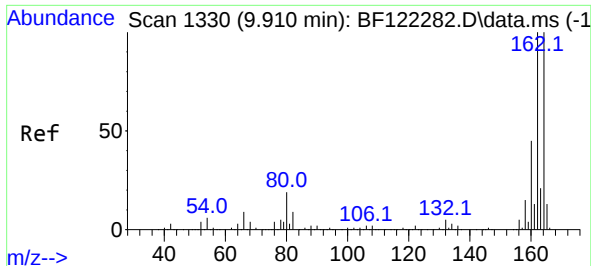
Tgt Ion: 82 Resp: 1143441
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.97 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.241 min
Lab File: BF122353.D
Acq: 17 Nov 2020 18:53

Tgt Ion:122 Resp: 137
Ion Ratio Lower Upper
122 100
105 288.6 103.3 143.3#
77 932.3 73.9 113.9#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF122353.D

Acq: 17 Nov 2020 18:53

Instrument :

BNA_F

ClientSampleId :

BG-3-(0.5-1)

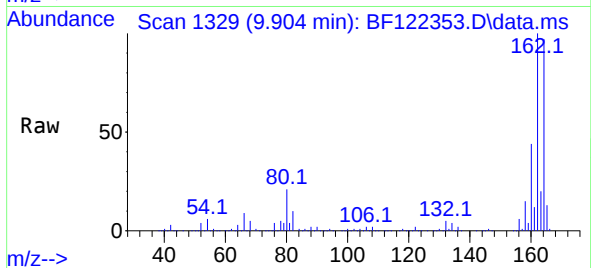
Tgt Ion:164 Resp: 562565

Ion Ratio Lower Upper

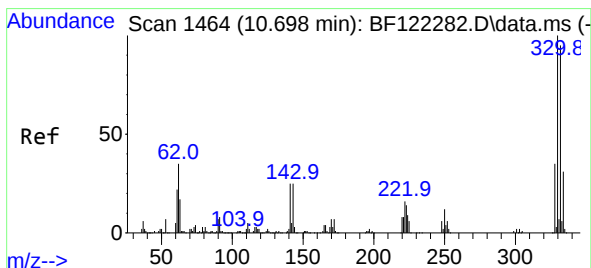
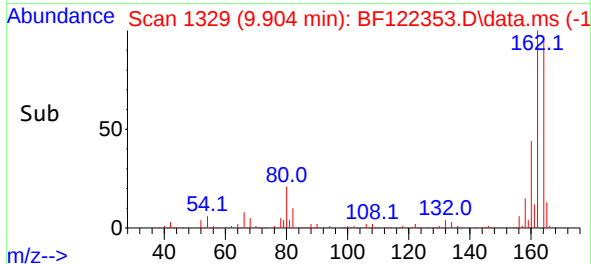
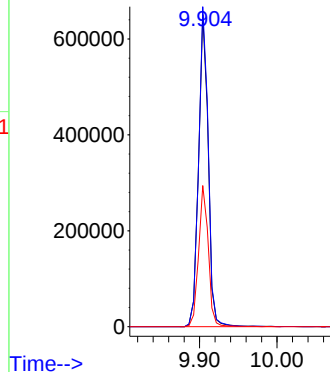
164 100

162 102.6 83.2 124.8

160 45.2 37.5 56.3



Abundance



#42

2,4,6-Tribromophenol

Concen: 84.11 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF122353.D

Acq: 17 Nov 2020 18:53

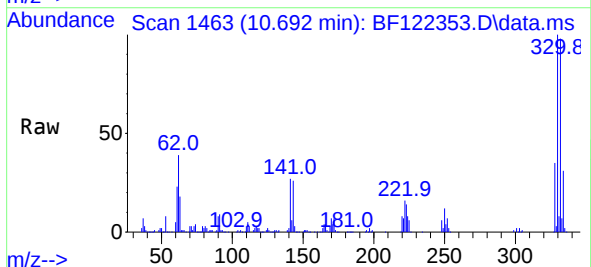
Tgt Ion:330 Resp: 507859

Ion Ratio Lower Upper

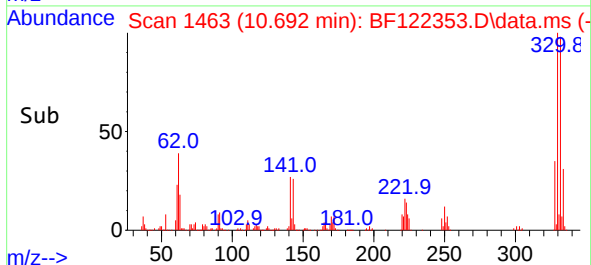
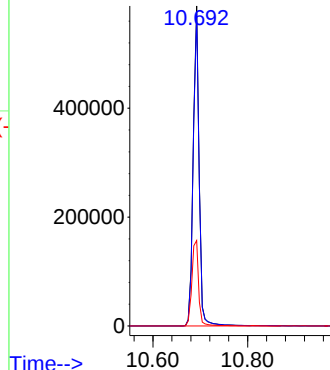
330 100

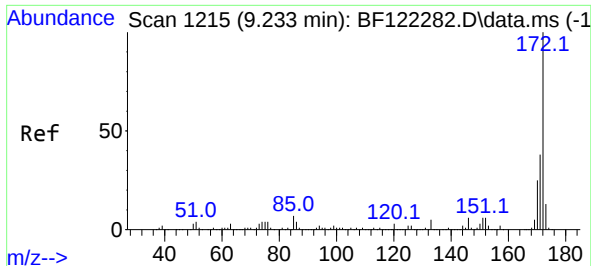
332 97.4 77.3 115.9

141 30.5 22.3 33.5



Abundance

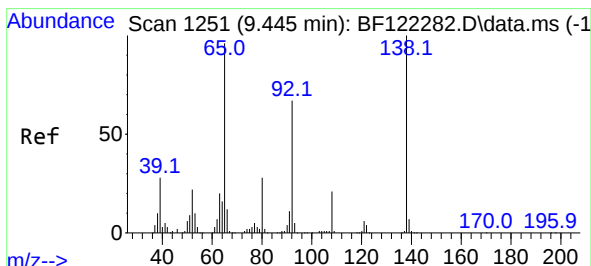
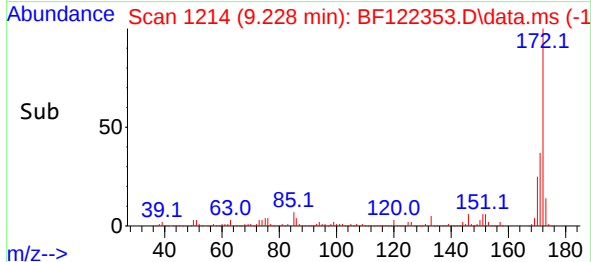
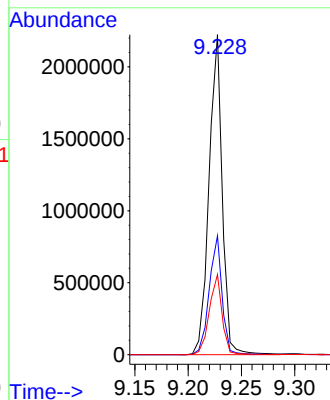
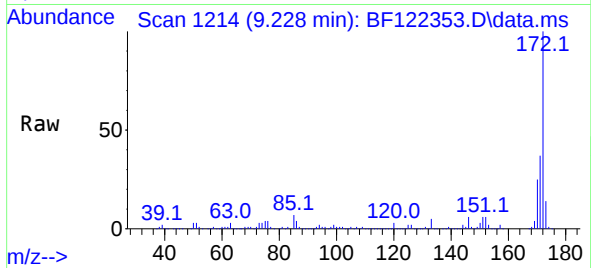




#45
2-Fluorobiphenyl
Concen: 53.47 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122353.D
Acq: 17 Nov 2020 18:53

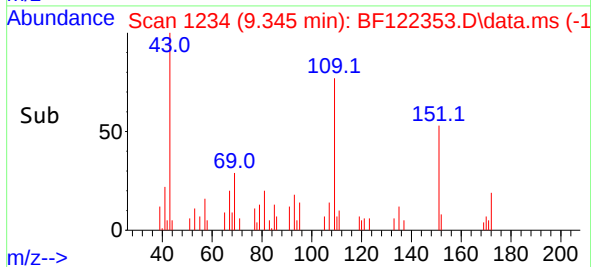
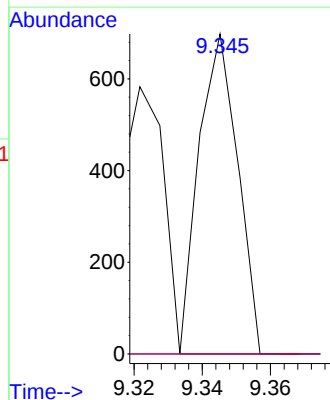
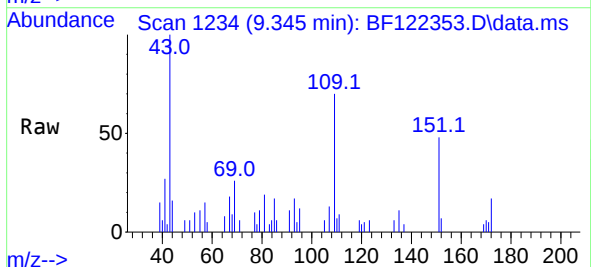
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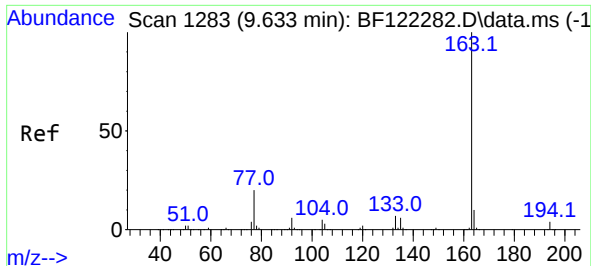
Tgt Ion:172 Resp: 1925145
Ion Ratio Lower Upper
172 100
171 37.1 29.1 43.7
170 25.1 19.8 29.6



#48
2-Nitroaniline
Concen: 5.22 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.100 min
Lab File: BF122353.D
Acq: 17 Nov 2020 18:53

Tgt Ion: 65 Resp: 552
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#

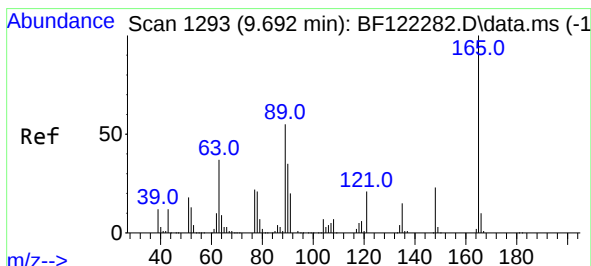
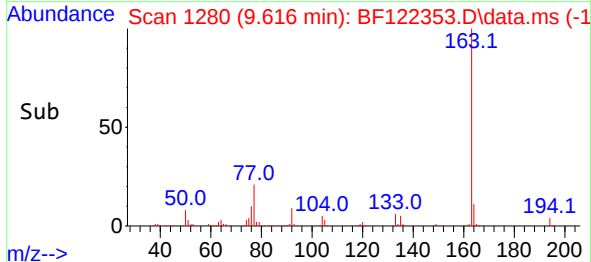
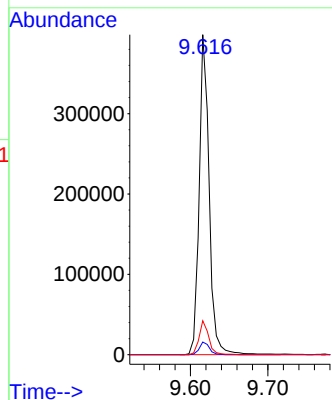
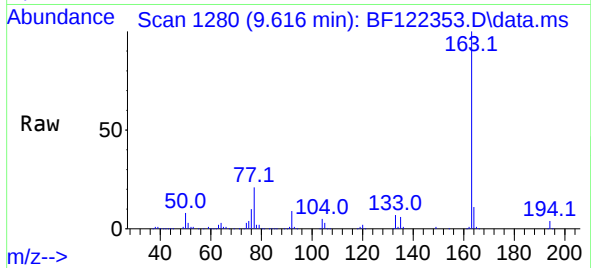




#50
Dimethylphthalate
Concen: 8.89 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122353.D
Acq: 17 Nov 2020 18:53

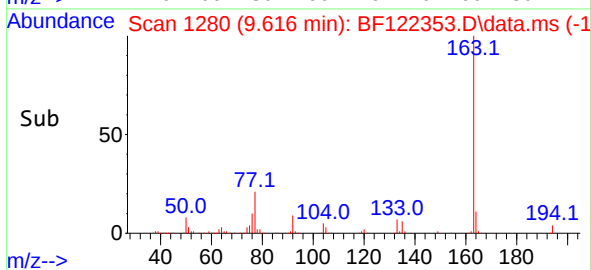
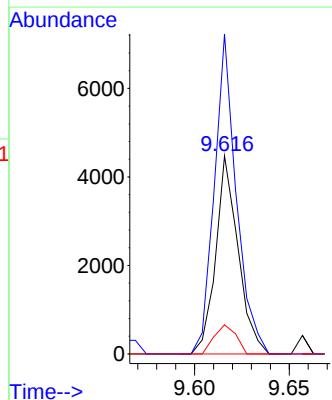
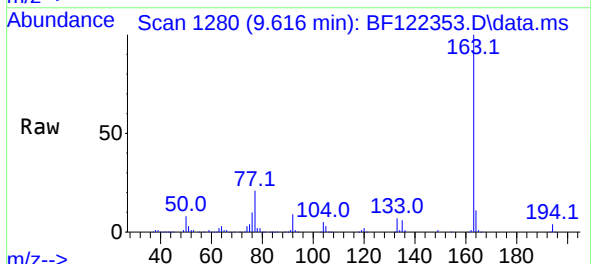
Instrument :
BNA_F
ClientSampleId :
BG-3-(0.5-1)

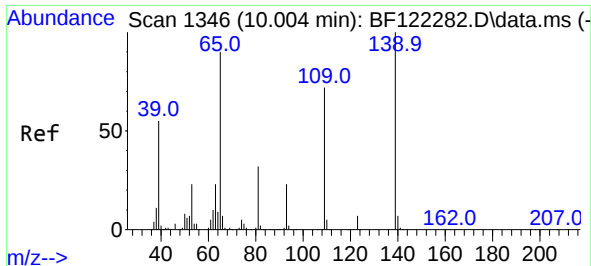
Tgt Ion:163 Resp: 355439
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.6 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 4.20 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.076 min
Lab File: BF122353.D
Acq: 17 Nov 2020 18:53

Tgt Ion:165 Resp: 3692
Ion Ratio Lower Upper
165 100
63 161.6 51.8 77.6#
89 14.7 49.0 73.6#

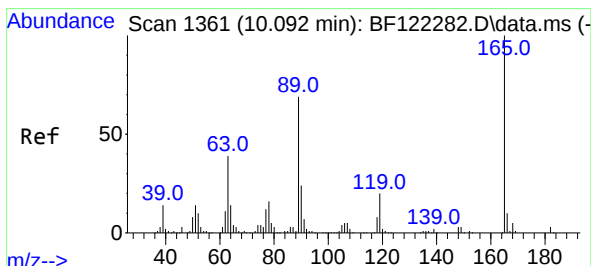
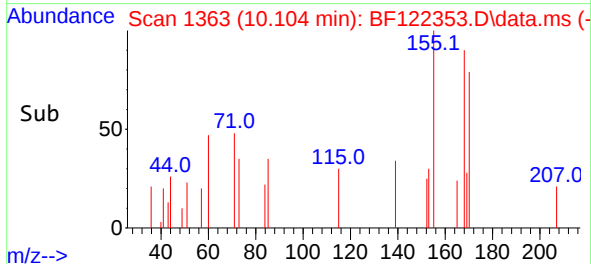
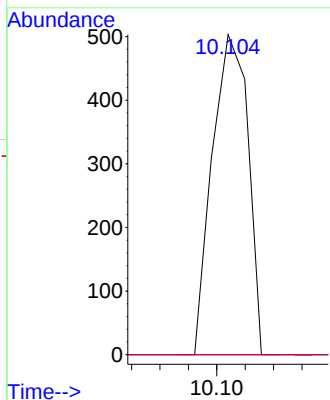
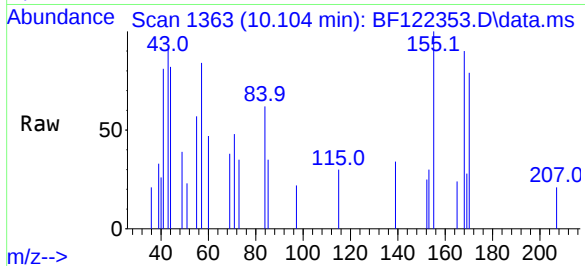




#56
4-Nitrophenol
Concen: 5.45 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.100 min
Lab File: BF122353.D
Acq: 17 Nov 2020 18:53

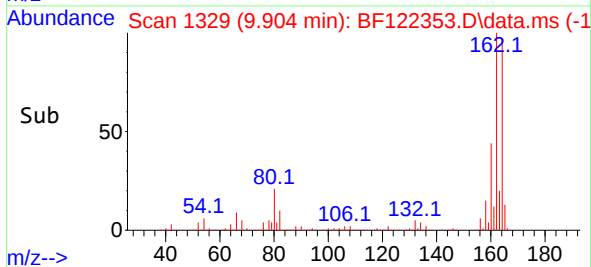
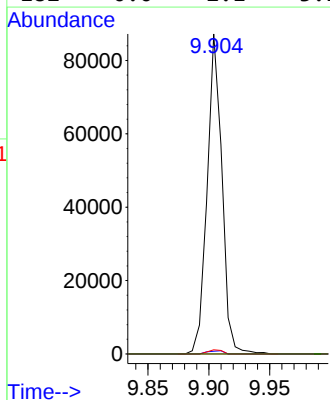
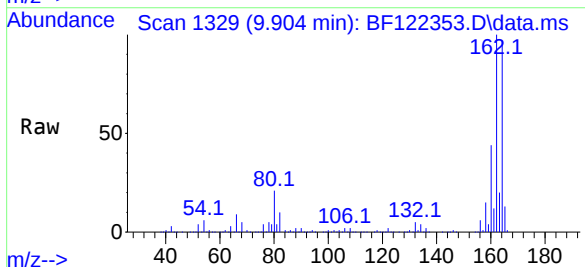
Instrument :
BNA_F
ClientSampleId :
BG-3-(0.5-1)

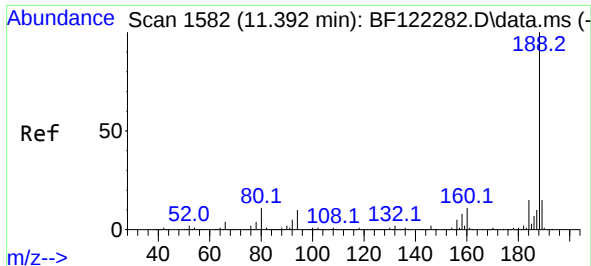
Tgt Ion:139 Resp: 439
Ion Ratio Lower Upper
139 100
109 0.0 45.4 85.4#
65 0.0 68.4 108.4#



#57
2,4-Dinitrotoluene
Concen: 10.64 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122353.D
Acq: 17 Nov 2020 18:53

Tgt Ion:165 Resp: 73611
Ion Ratio Lower Upper
165 100
63 0.8 41.3 61.9#
89 1.3 61.8 92.8#
182 0.0 2.1 3.1#

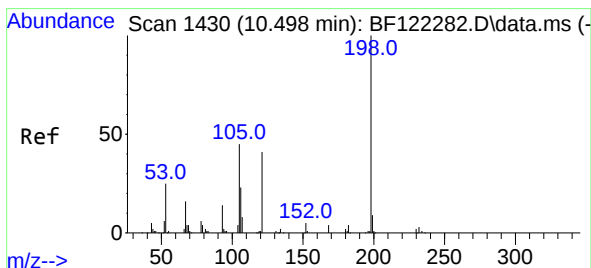
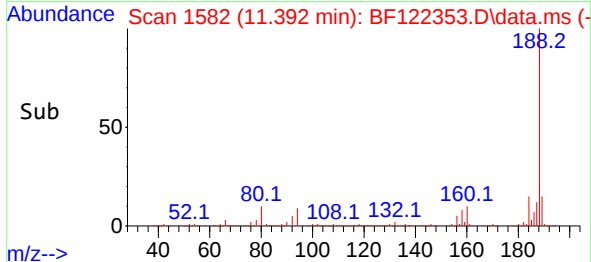
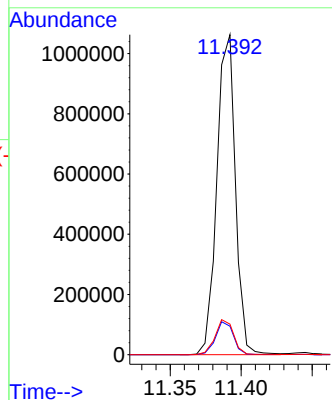
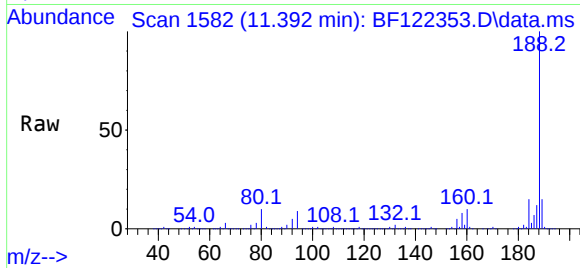




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF122353.D
Acq: 17 Nov 2020 18:53

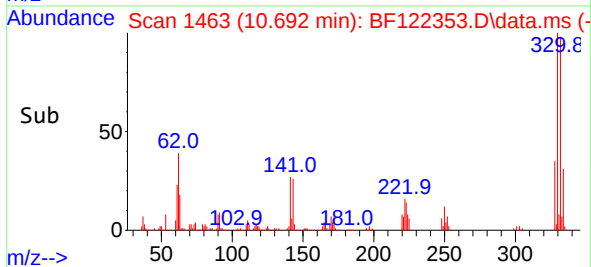
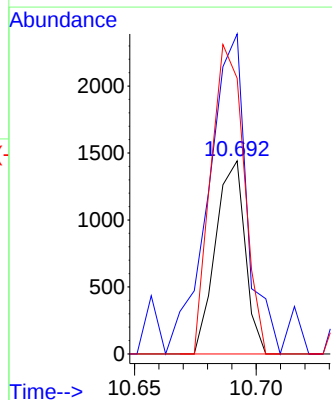
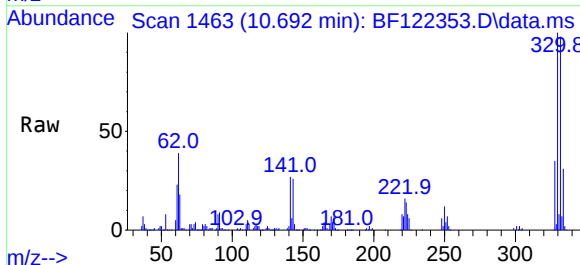
Instrument :
BNA_F
ClientSampleId :
BG-3-(0.5-1)

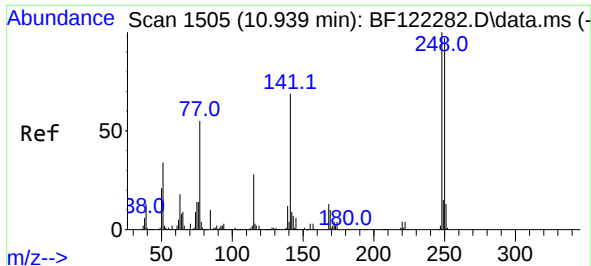
Tgt Ion:188 Resp: 966679
Ion Ratio Lower Upper
188 100
94 8.9 8.3 12.5
80 9.5 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.51 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF122353.D
Acq: 17 Nov 2020 18:53

Tgt Ion:198 Resp: 1214
Ion Ratio Lower Upper
198 100
51 165.7 29.6 69.6#
105 142.7 24.4 64.4#

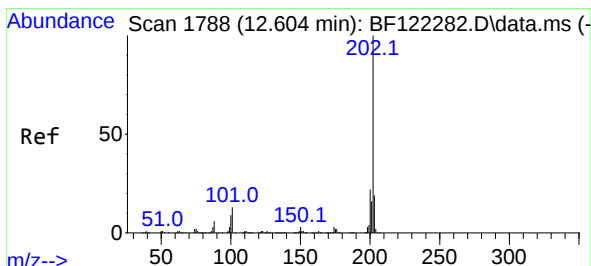
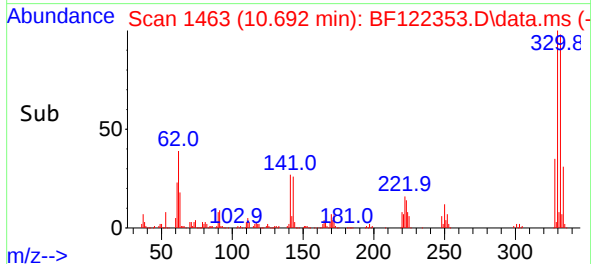
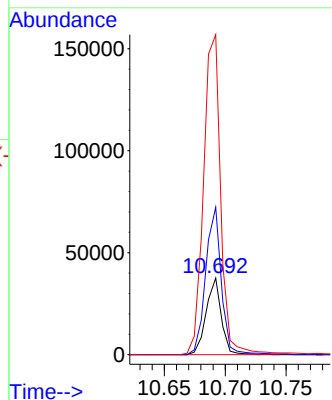
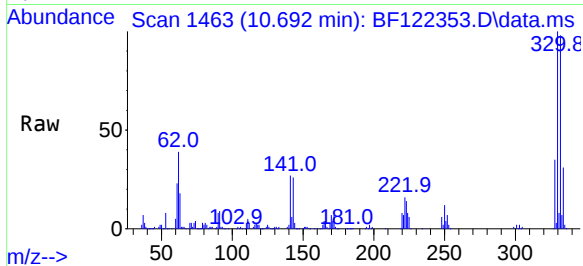




#67
4-Bromophenyl-phenylether
Concen: 2.86 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF122353.D
Acq: 17 Nov 2020 18:53

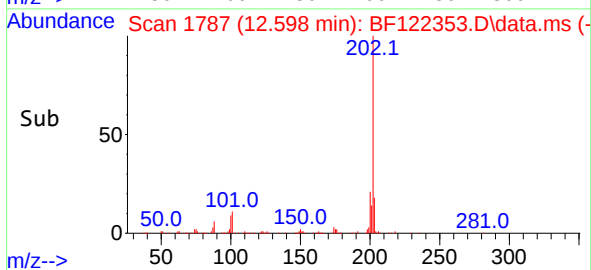
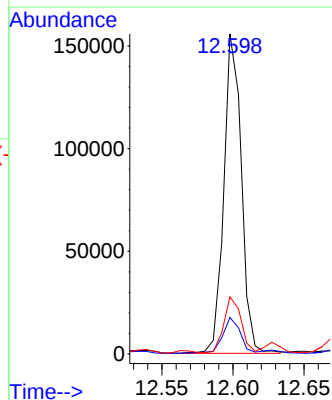
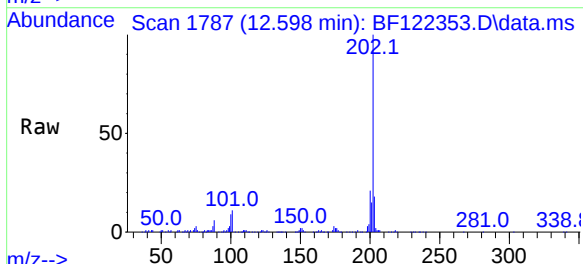
Instrument :
BNA_F
ClientSampleId :
BG-3-(0.5-1)

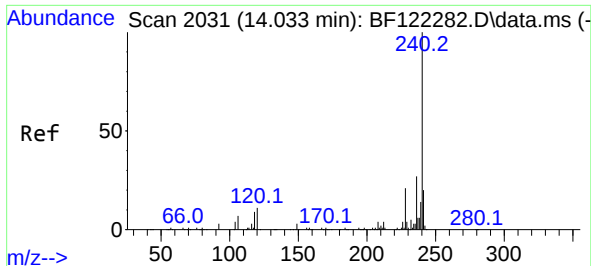
Tgt Ion:248 Resp: 32444
Ion Ratio Lower Upper
248 100
250 192.2 77.0 115.6#
141 417.2 53.7 80.5#



#75
Fluoranthene
Concen: 2.32 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF122353.D
Acq: 17 Nov 2020 18:53

Tgt Ion:202 Resp: 133116
Ion Ratio Lower Upper
202 100
101 11.4 0.0 33.4
203 17.8 0.0 37.9

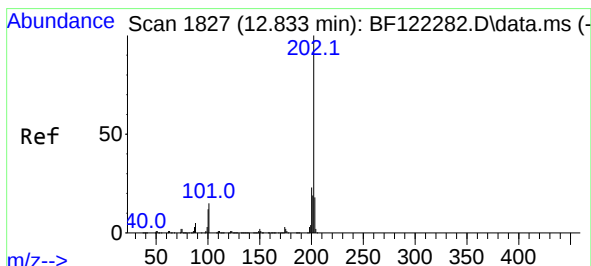
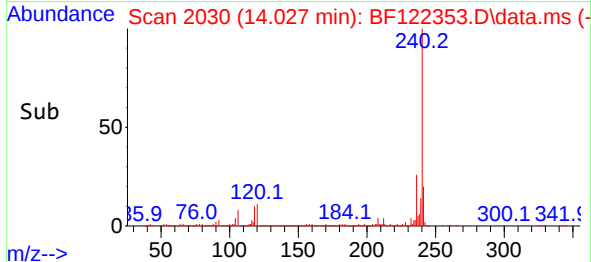
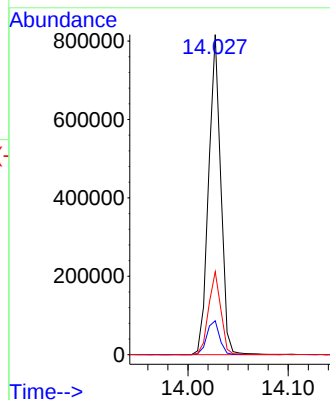
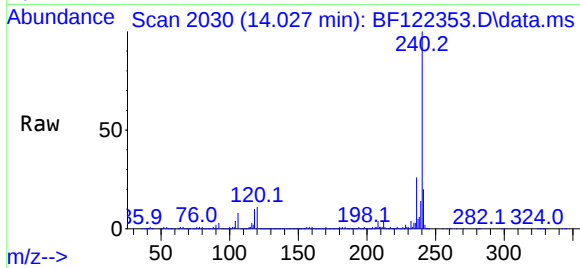




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122353.D
Acq: 17 Nov 2020 18:53

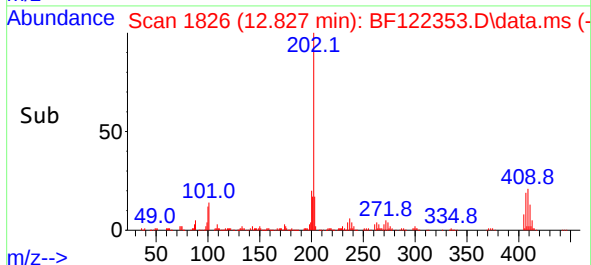
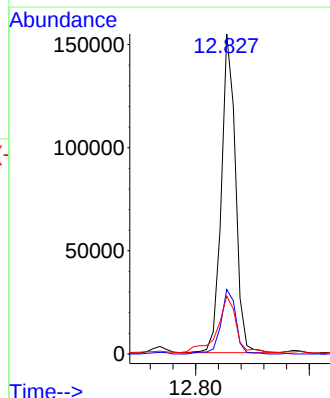
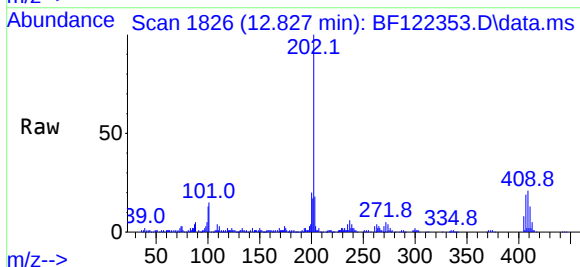
Instrument :
BNA_F
ClientSampleId :
BG-3-(0.5-1)

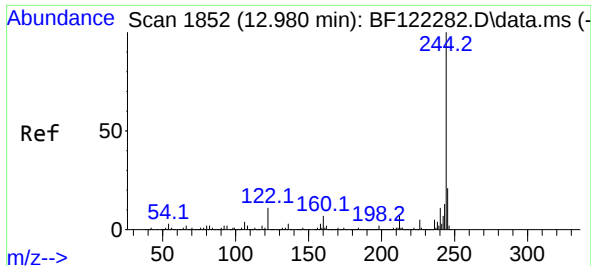
Tgt Ion:240 Resp: 689597
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 25.9 20.9 31.3



#78
Pyrene
Concen: 2.77 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122353.D
Acq: 17 Nov 2020 18:53

Tgt Ion:202 Resp: 134133
Ion Ratio Lower Upper
202 100
200 20.1 17.4 26.2
203 18.1 14.6 21.8

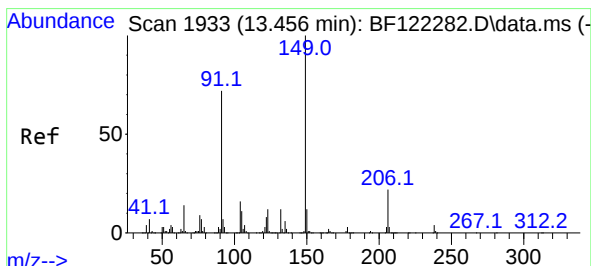
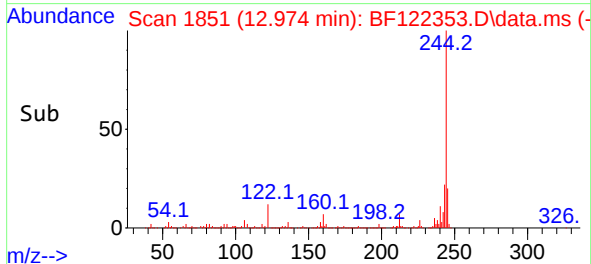
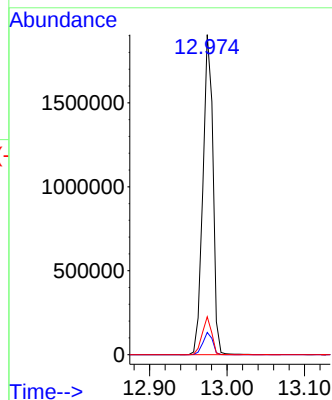
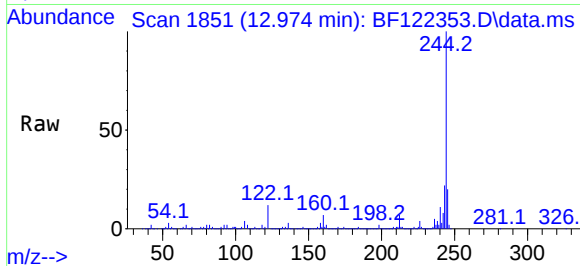




#79
Terphenyl-d14
Concen: 52.73 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF122353.D
Acq: 17 Nov 2020 18:53

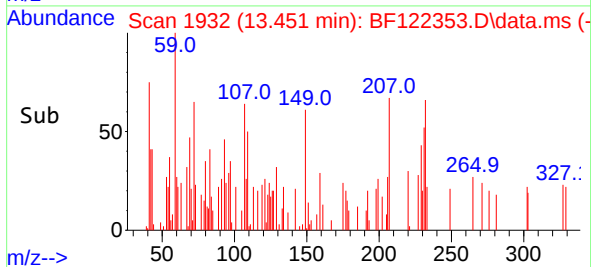
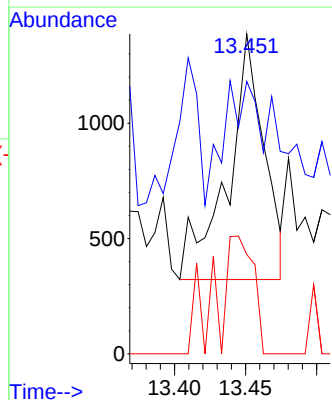
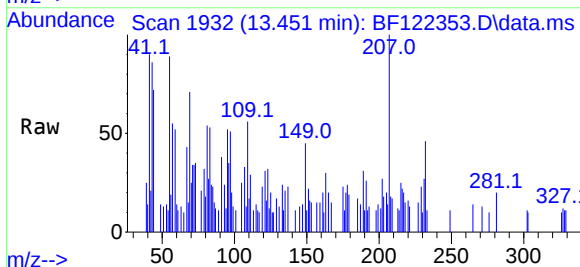
Instrument :
BNA_F
ClientSampleId :
BG-3-(0.5-1)

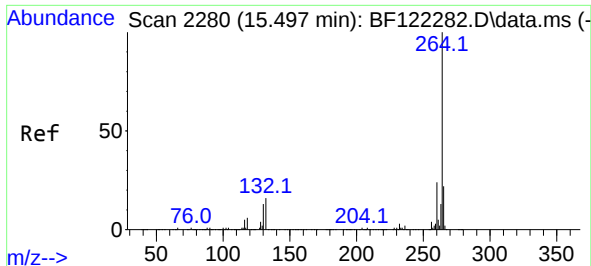
Tgt Ion:244 Resp: 1716443
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.9 8.1 12.1



#80
Butylbenzylphthalate
Concen: 3.38 ng
RT: 13.451 min Scan# 1932
Delta R.T. -0.005 min
Lab File: BF122353.D
Acq: 17 Nov 2020 18:53

Tgt Ion:149 Resp: 1904
Ion Ratio Lower Upper
149 100
91 85.1 61.0 91.4
206 31.1 16.7 25.1#

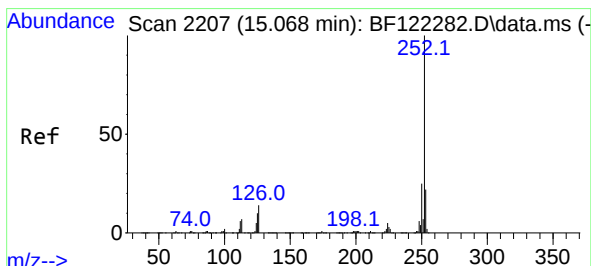
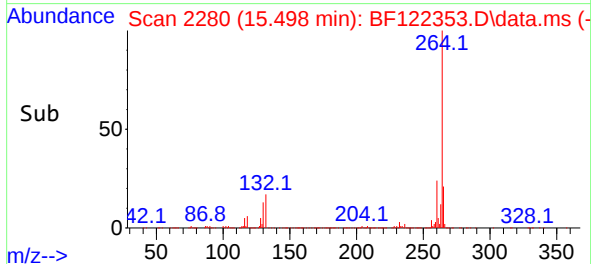
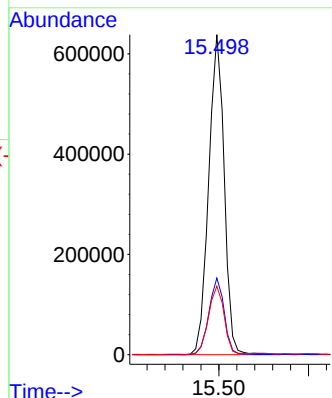
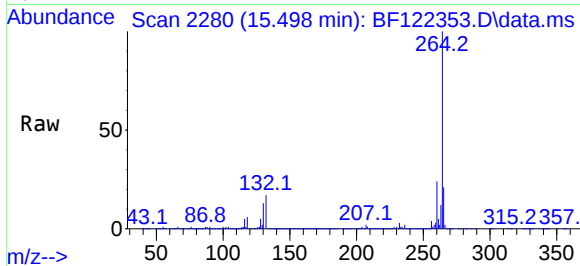




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF122353.D
Acq: 17 Nov 2020 18:53

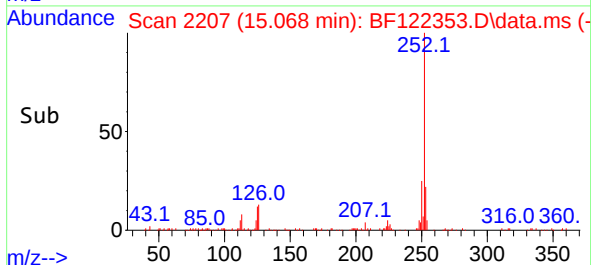
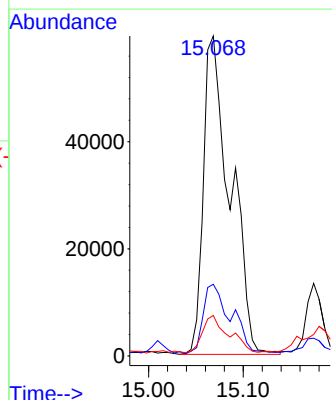
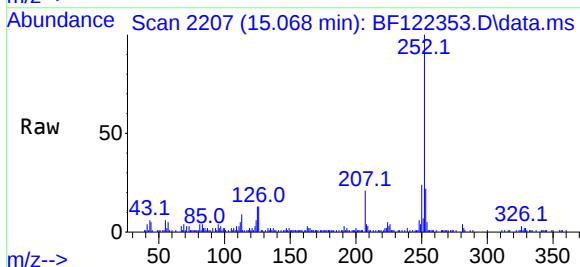
Instrument :
BNA_F
ClientSampleId :
BG-3-(0.5-1)

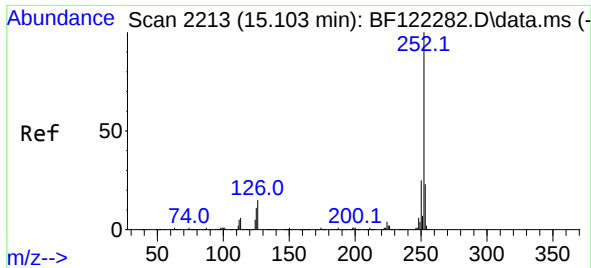
Tgt Ion:264 Resp: 766275
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.4 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 2.36 ng
RT: 15.068 min Scan# 2207
Delta R.T. 0.000 min
Lab File: BF122353.D
Acq: 17 Nov 2020 18:53

Tgt Ion:252 Resp: 117334
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 12.6 8.0 12.0#





#89
Benzo(k)fluoranthene
Concen: 2.42 ng
RT: 15.068 min Scan# 2207
Delta R.T. -0.035 min
Lab File: BF122353.D
Acq: 17 Nov 2020 18:53

Instrument :
BNA_F
ClientSampleId :
BG-3-(0.5-1)

Tgt Ion:252 Resp: 117334
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 12.6 7.7 11.5#

