

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
 Data File : BF122352.D
 Acq On : 17 Nov 2020 18:23
 Operator : JU/CG
 Sample : L4647-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-2-(0.5-1)

Quant Time: Nov 18 00:23:07 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)

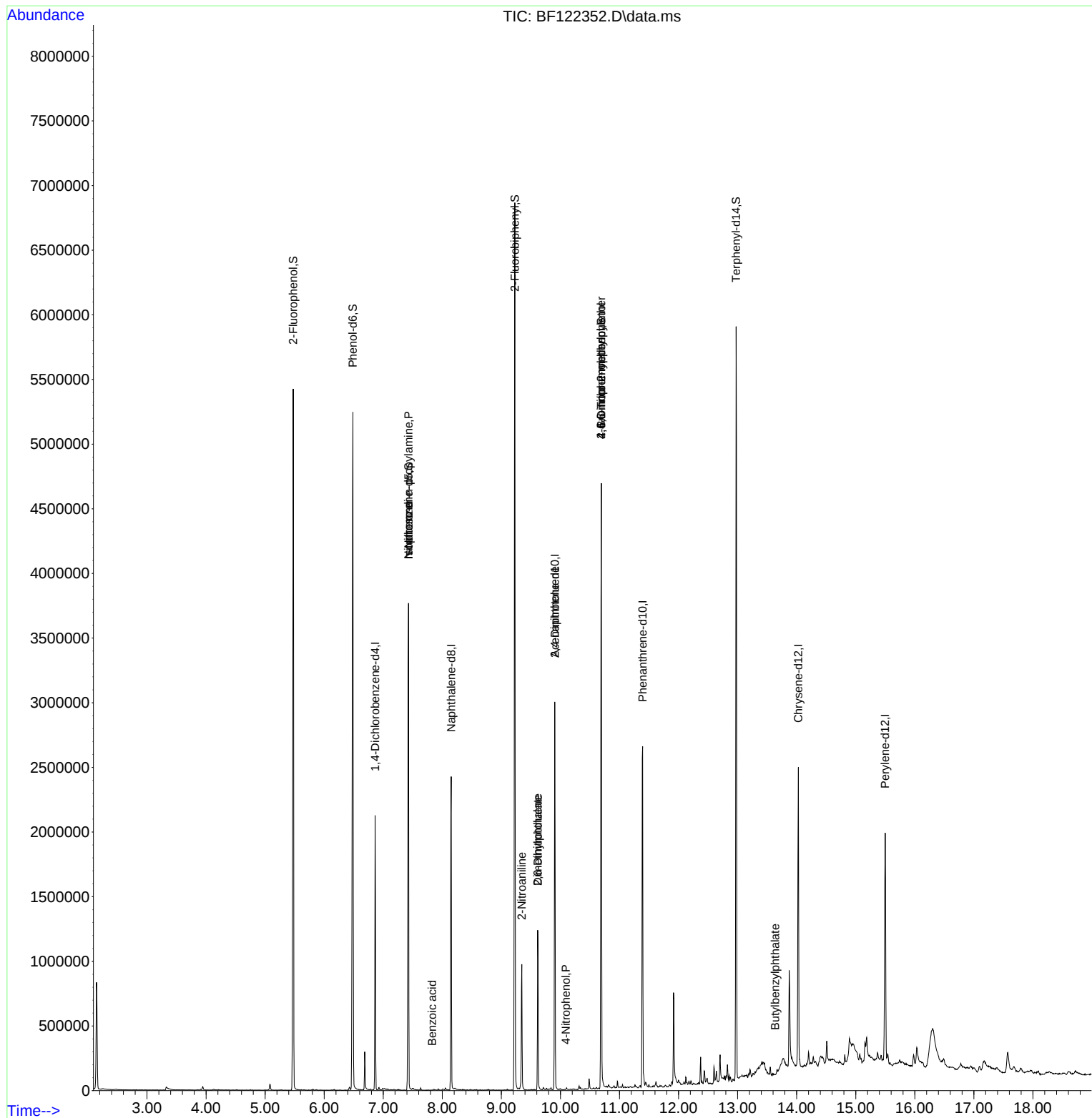
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	281716	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1067379	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	577017	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	1017704	20.00	ng	0.00
76) Chrysene-d12	14.027	240	741807	20.00	ng	0.00
86) Perylene-d12	15.498	264	807120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1562486	85.16	ng	0.00
7) Phenol-d6	6.487	99	2004883	83.53	ng	0.00
23) Nitrobenzene-d5	7.428	82	1214936	69.68	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	583576	94.23	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2002177	54.22	ng	0.00
79) Terphenyl-d14	12.974	244	1839314	52.53	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	150	Below Cal	#	42
19) n-Nitroso-di-n-propyla...	7.428	70	163715	11.41 ng	#	75
25) Isophorone	7.428	82	1198543	30.84 ng	#	67
32) Benzoic acid	7.828	122	160	7.97 ng	#	1
48) 2-Nitroaniline	9.345	65	9674	5.96 ng	#	14
50) Dimethylphthalate	9.616	163	493091	12.02 ng		100
51) 2,6-Dinitrotoluene	9.616	165	5229	4.34 ng	#	7
56) 4-Nitrophenol	10.092	139	111	5.42 ng	#	10
57) 2,4-Dinitrotoluene	9.904	165	74669	10.57 ng	#	20
65) 4,6-Dinitro-2-methylph...	10.692	198	1265	6.51 ng	#	1
67) 4-Bromophenyl-phenylether	10.692	248	37872	3.17 ng	#	1
80) Butylbenzylphthalate	13.633	149	697	3.32 ng		88

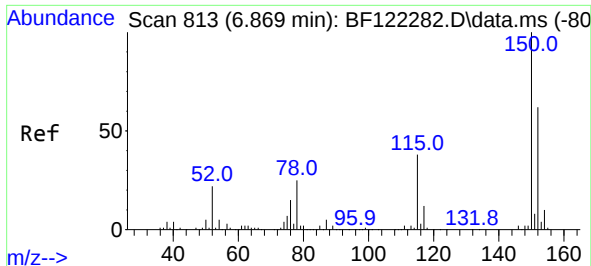
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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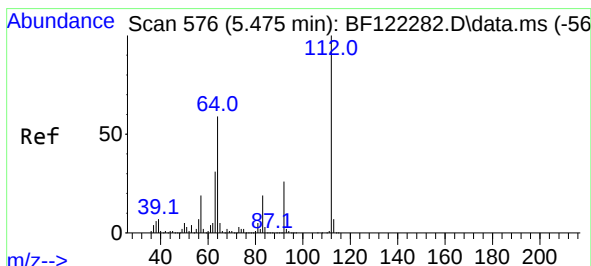
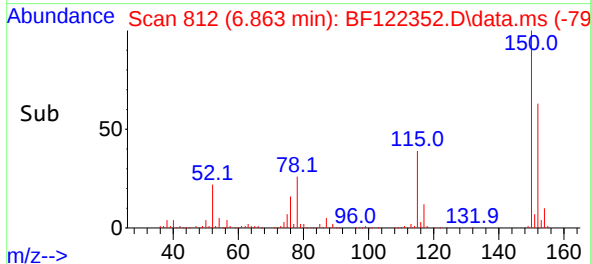
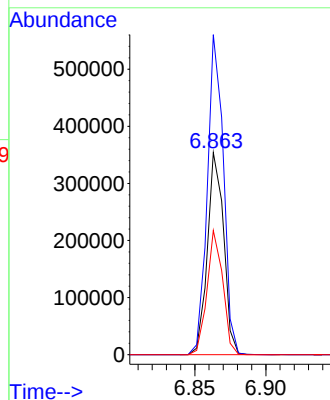
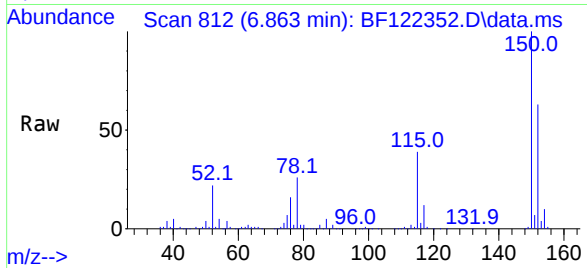




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122352.D
Acq: 17 Nov 2020 18:23

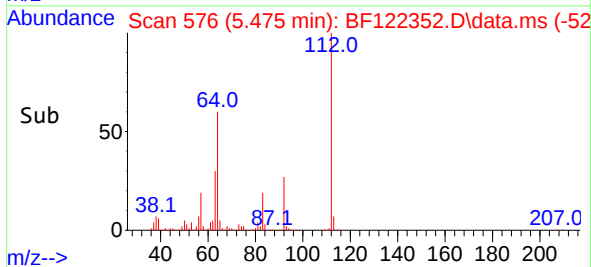
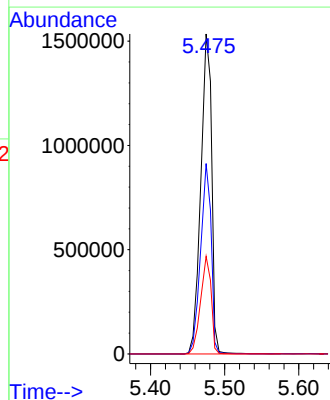
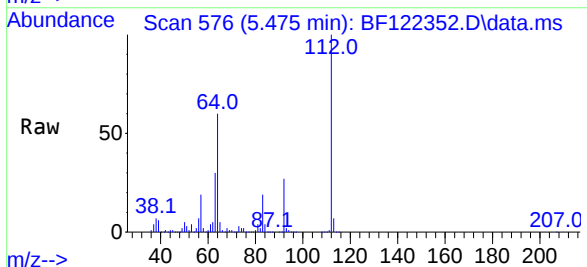
Instrument :
BNA_F
ClientSampleId :
BG-2-(0.5-1)

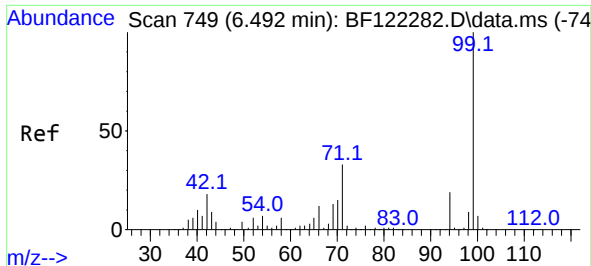
Tgt Ion:152 Resp: 281716
Ion Ratio Lower Upper
152 100
150 158.3 125.3 187.9
115 61.4 51.9 77.9



#5
2-Fluorophenol
Concen: 85.16 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF122352.D
Acq: 17 Nov 2020 18:23

Tgt Ion:112 Resp: 1562486
Ion Ratio Lower Upper
112 100
64 59.5 50.4 75.6
63 30.5 25.8 38.6

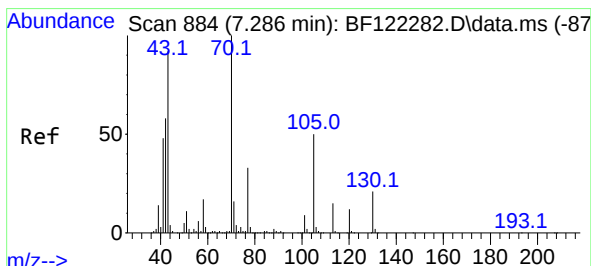
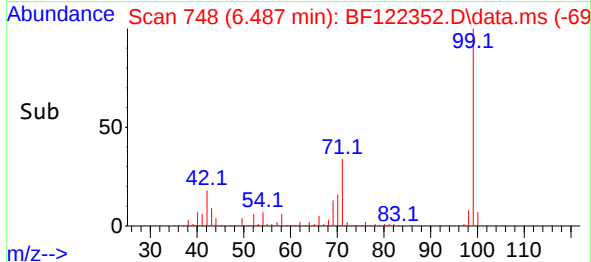
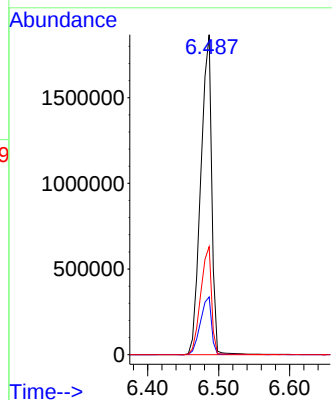
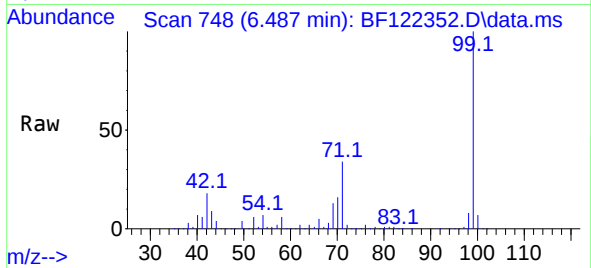




#7
Phenol-d6
Concen: 83.53 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF122352.D
Acq: 17 Nov 2020 18:23

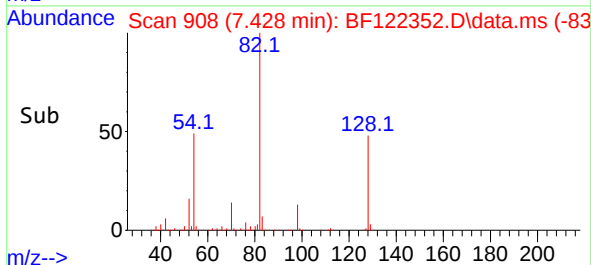
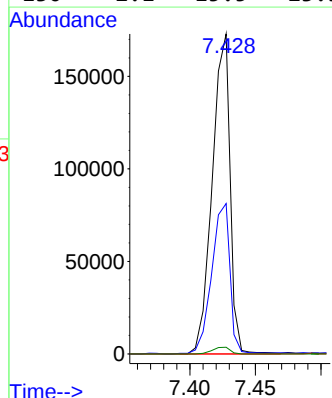
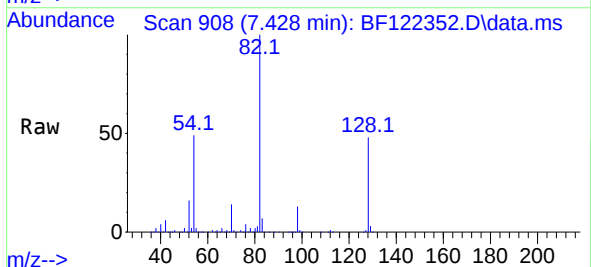
Instrument :
BNA_F
ClientSampleId :
BG-2-(0.5-1)

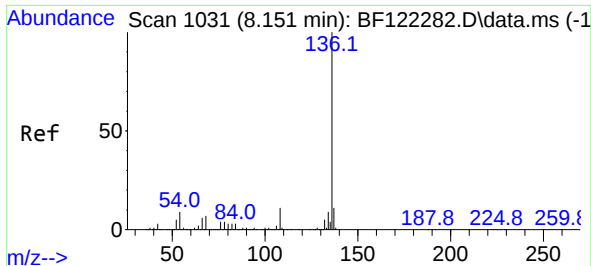
Tgt Ion: 99 Resp: 2004883
Ion Ratio Lower Upper
99 100
42 18.1 15.9 23.9
71 33.8 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.41 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122352.D
Acq: 17 Nov 2020 18:23

Tgt Ion: 70 Resp: 163715
Ion Ratio Lower Upper
70 100
42 47.0 50.2 75.4#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



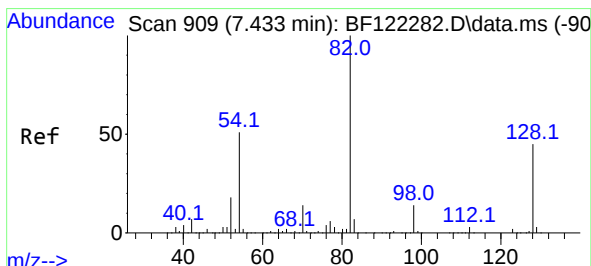
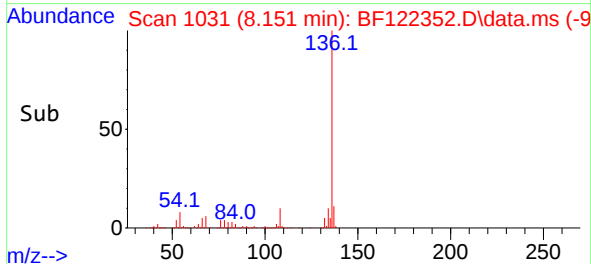
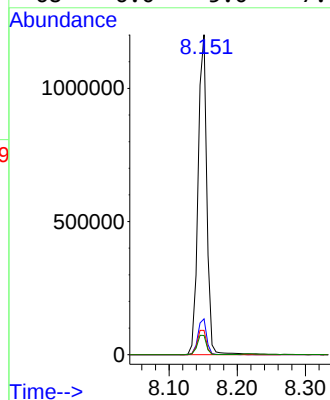
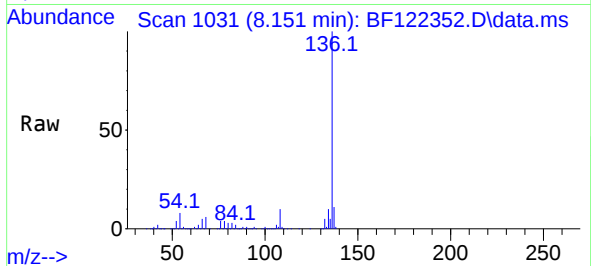


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122352.D
Acq: 17 Nov 2020 18:23

Instrument :
BNA_F
ClientSampleId :
BG-2-(0.5-1)

Tgt Ion:136 Resp: 1067379

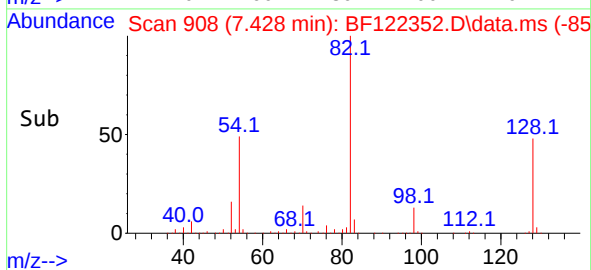
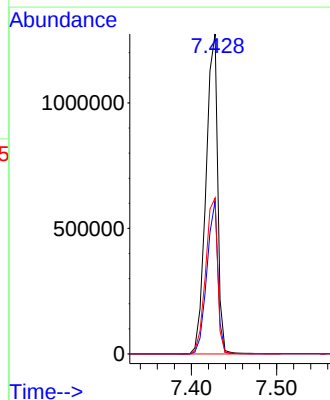
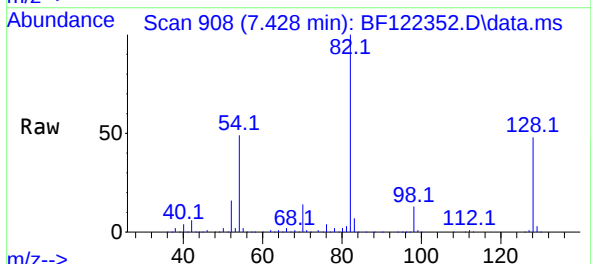
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.6	7.1	10.7
68	6.0	5.0	7.4

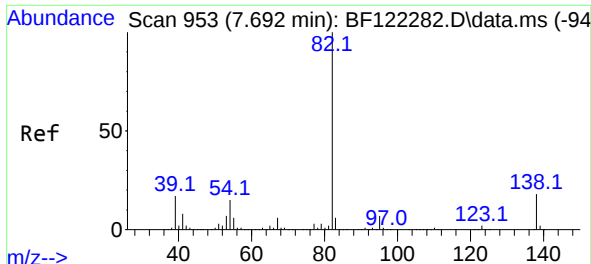


#23
Nitrobenzene-d5
Concen: 69.68 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122352.D
Acq: 17 Nov 2020 18:23

Tgt Ion: 82 Resp: 1214936

Ion	Ratio	Lower	Upper
82	100		
128	47.8	35.0	52.4
54	48.7	43.9	65.9

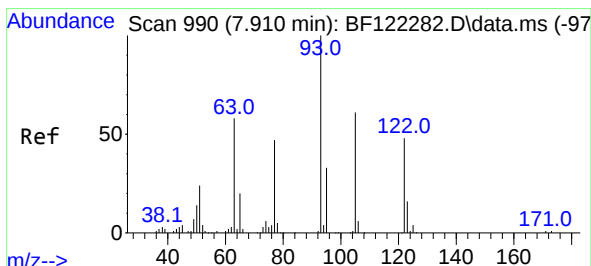
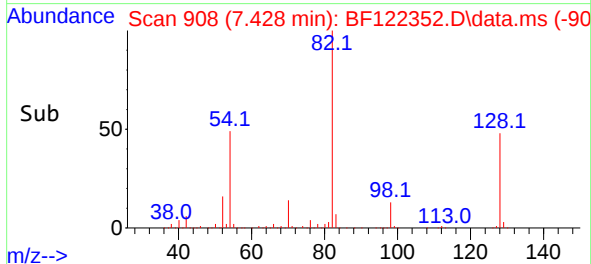
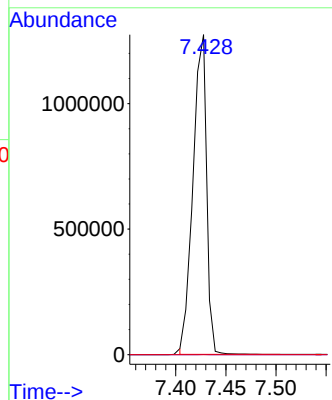
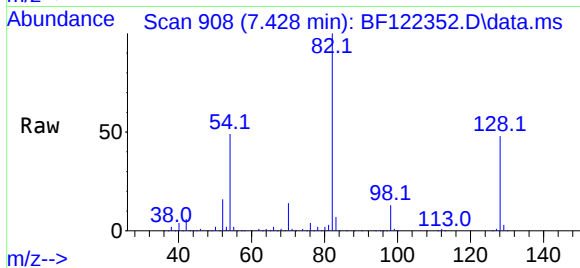




#25
Isophorone
Concen: 30.84 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.264 min
Lab File: BF122352.D
Acq: 17 Nov 2020 18:23

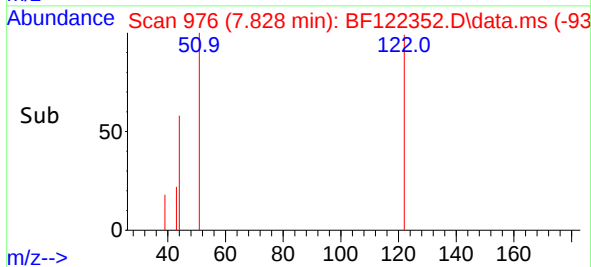
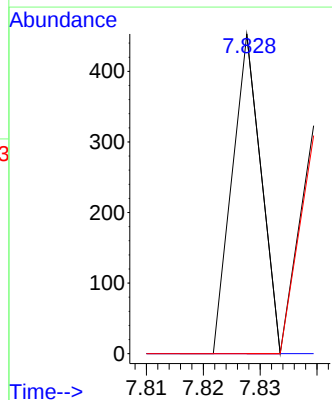
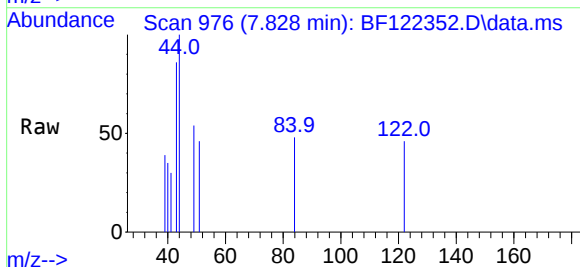
Instrument :
BNA_F
ClientSampleId :
BG-2-(0.5-1)

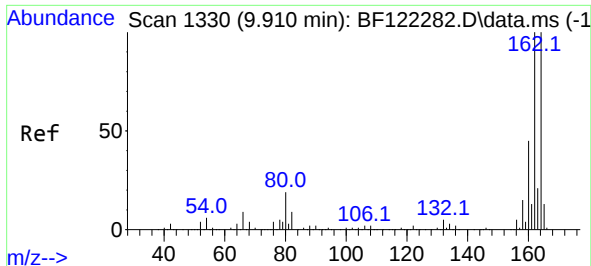
Tgt Ion: 82 Resp: 1198543
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.97 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.082 min
Lab File: BF122352.D
Acq: 17 Nov 2020 18:23

Tgt Ion:122 Resp: 160
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 0.0 73.9 113.9#

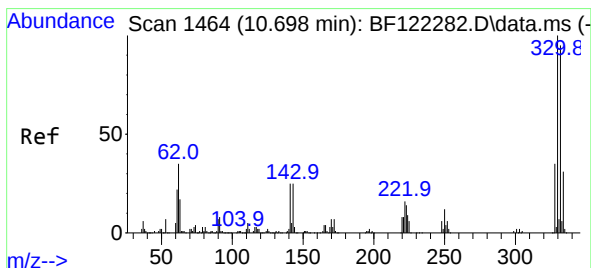
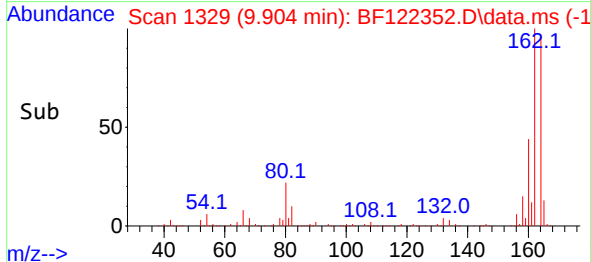
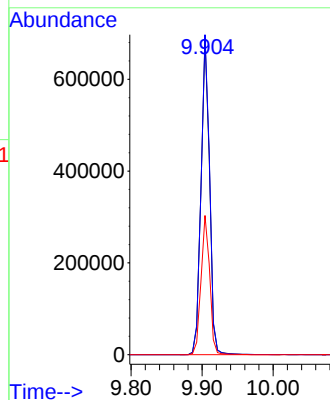
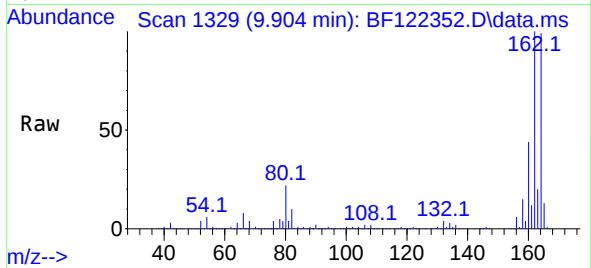




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122352.D
Acq: 17 Nov 2020 18:23

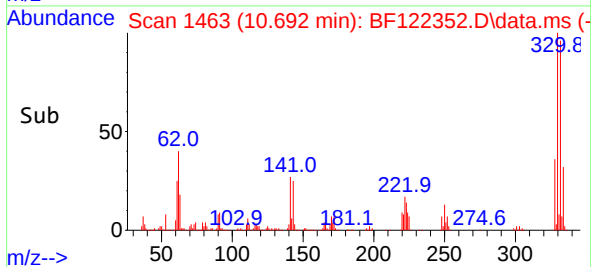
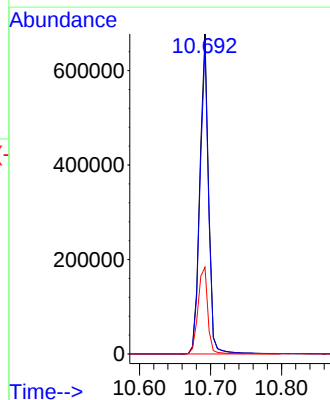
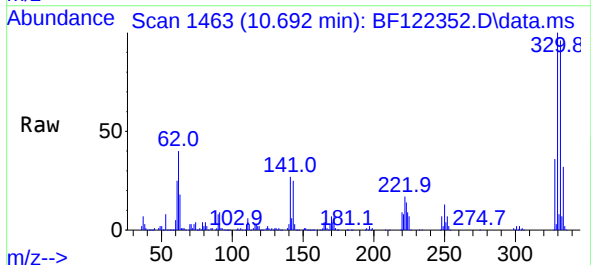
Instrument :
BNA_F
ClientSampleId :
BG-2-(0.5-1)

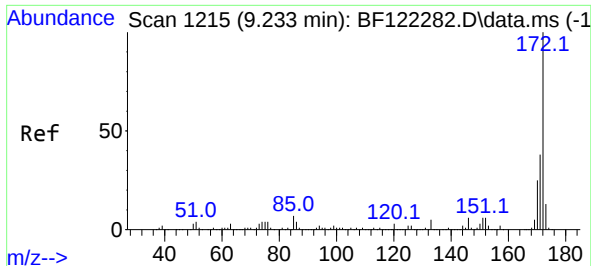
Tgt Ion:164 Resp: 577017
Ion Ratio Lower Upper
164 100
162 101.1 83.2 124.8
160 44.0 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 94.23 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122352.D
Acq: 17 Nov 2020 18:23

Tgt Ion:330 Resp: 583576
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 30.1 22.3 33.5



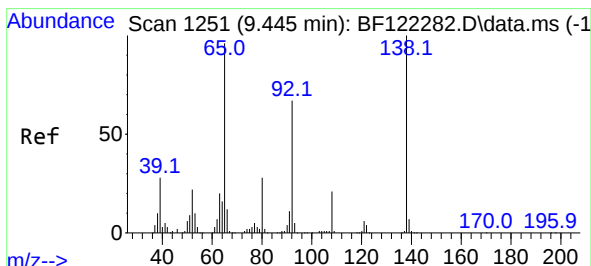
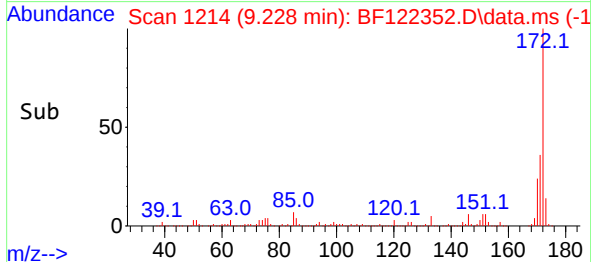
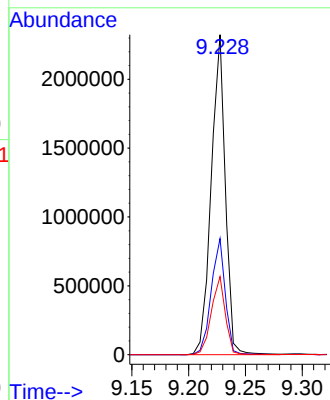
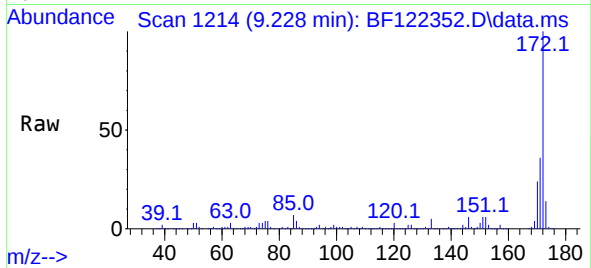


#45
2-Fluorobiphenyl
Concen: 54.22 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122352.D
Acq: 17 Nov 2020 18:23

Instrument :
BNA_F
ClientSampleId :
BG-2-(0.5-1)

Tgt Ion:172 Resp: 2002177

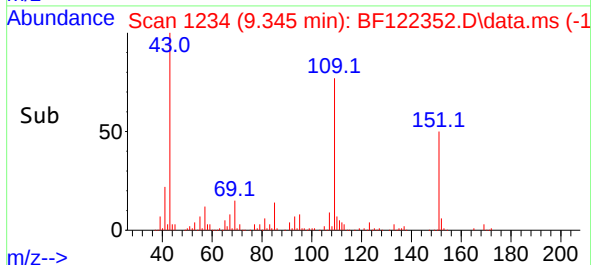
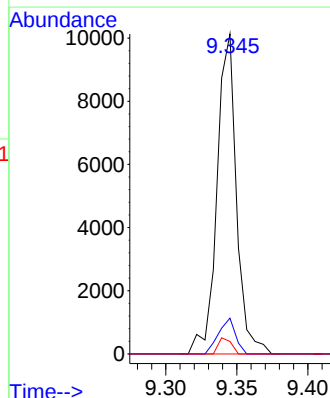
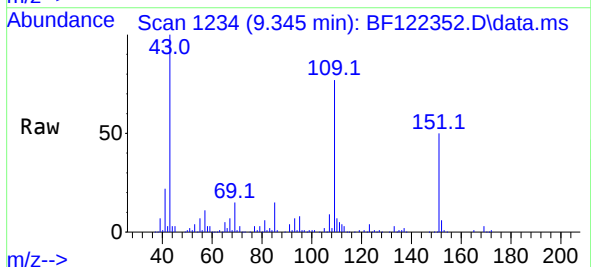
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.1	43.7
170	24.4	19.8	29.6

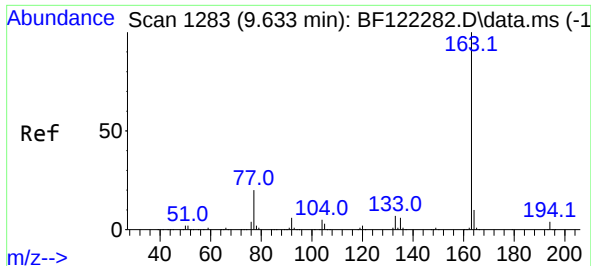


#48
2-Nitroaniline
Concen: 5.96 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.100 min
Lab File: BF122352.D
Acq: 17 Nov 2020 18:23

Tgt Ion: 65 Resp: 9674

Ion	Ratio	Lower	Upper
65	100		
92	11.2	55.1	82.7#
138	3.9	80.5	120.7#

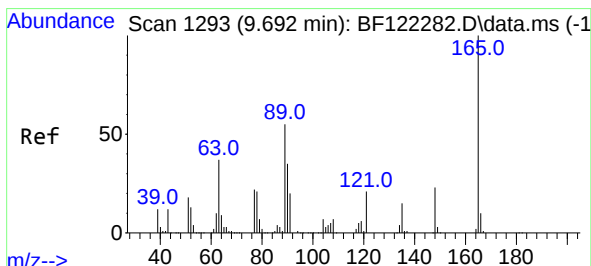
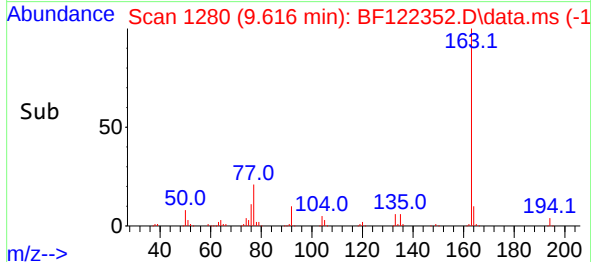
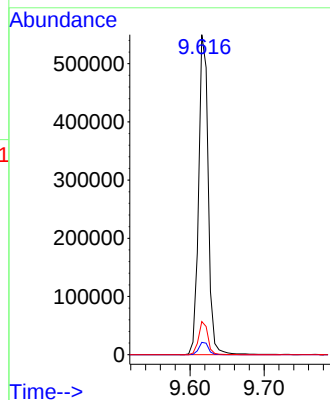
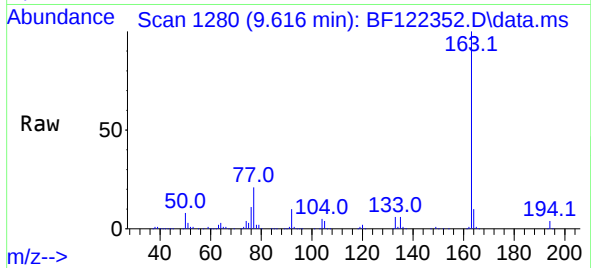




#50
Dimethylphthalate
Concen: 12.02 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122352.D
Acq: 17 Nov 2020 18:23

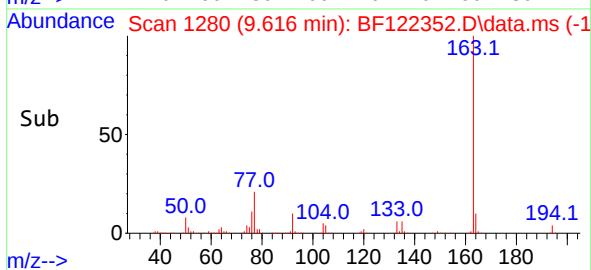
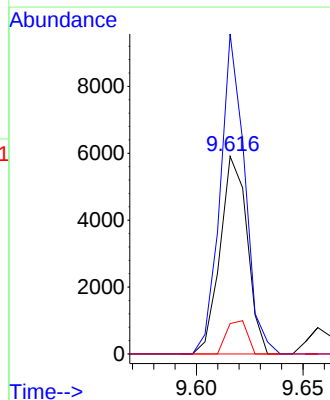
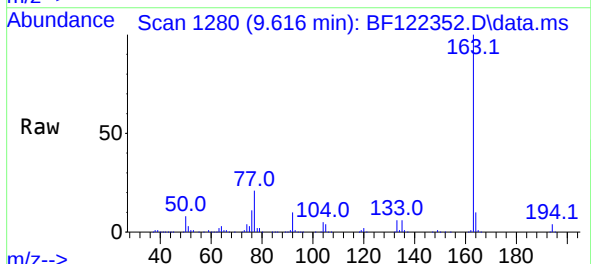
Instrument :
BNA_F
ClientSampleId :
BG-2-(0.5-1)

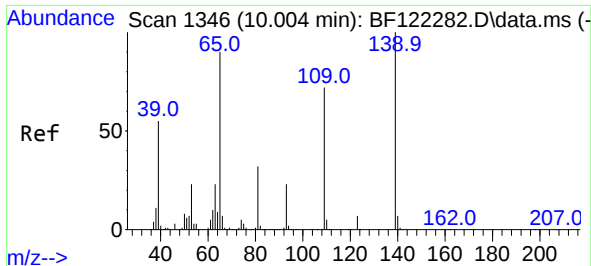
Tgt Ion:163 Resp: 493091
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.4 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 4.34 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.076 min
Lab File: BF122352.D
Acq: 17 Nov 2020 18:23

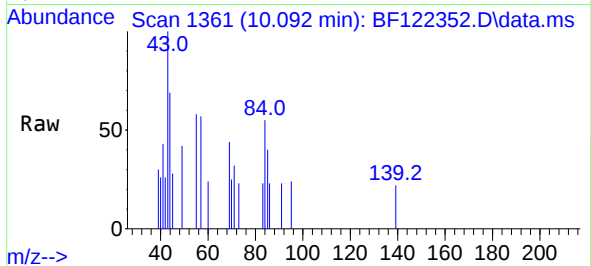
Tgt Ion:165 Resp: 5229
Ion Ratio Lower Upper
165 100
63 161.9 51.8 77.6#
89 15.4 49.0 73.6#



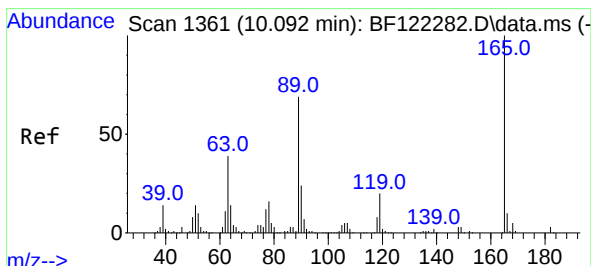
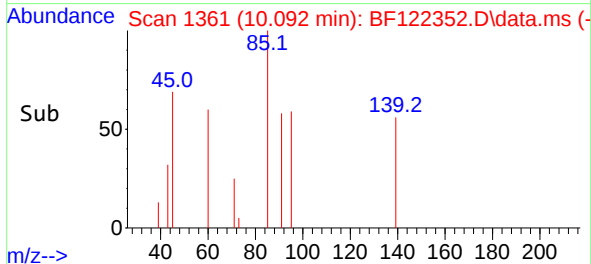
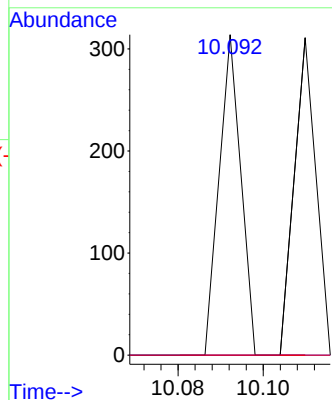


#56
4-Nitrophenol
Concen: 5.42 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.088 min
Lab File: BF122352.D
Acq: 17 Nov 2020 18:23

Instrument :
BNA_F
ClientSampleId :
BG-2-(0.5-1)

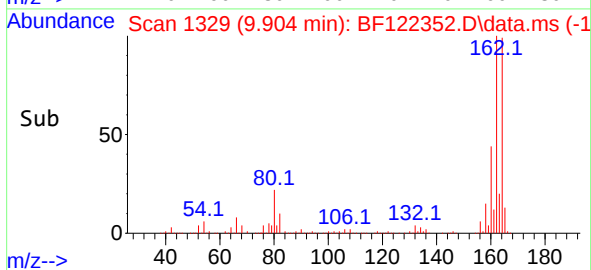
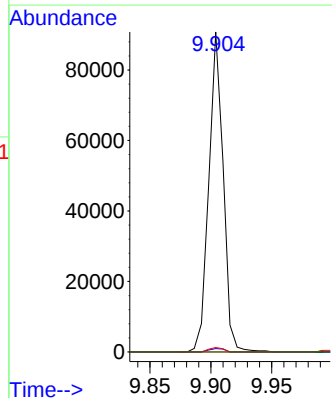
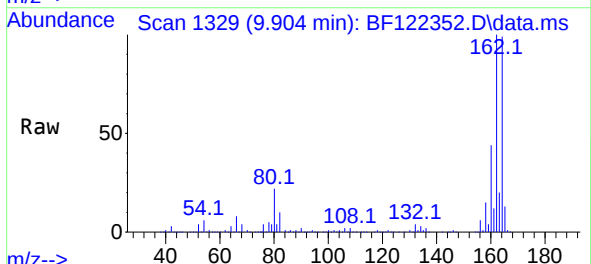


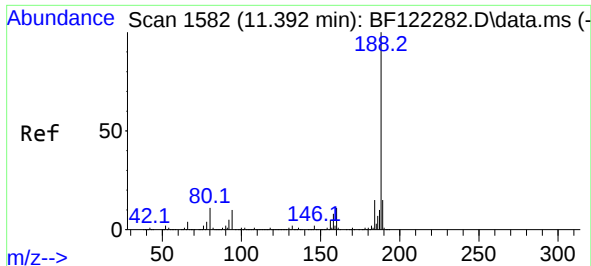
Tgt Ion:139 Resp: 111
Ion Ratio Lower Upper
139 100
109 0.0 45.4 85.4#
65 0.0 68.4 108.4#



#57
2,4-Dinitrotoluene
Concen: 10.57 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122352.D
Acq: 17 Nov 2020 18:23

Tgt Ion:165 Resp: 74669
Ion Ratio Lower Upper
165 100
63 1.1 41.3 61.9#
89 1.4 61.8 92.8#
182 0.0 2.1 3.1#

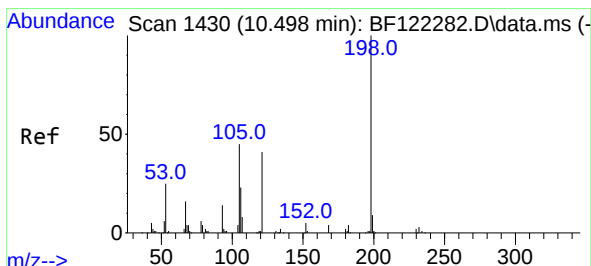
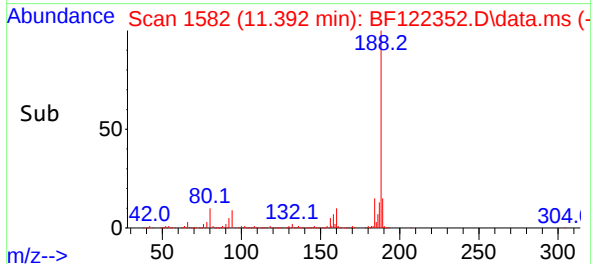
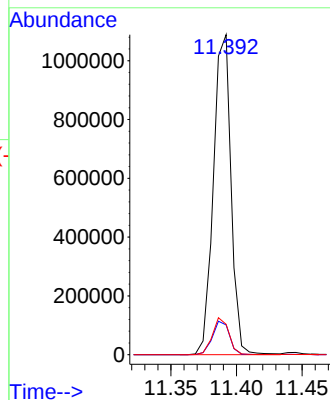
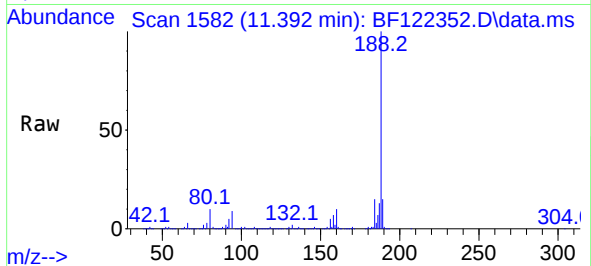




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF122352.D
Acq: 17 Nov 2020 18:23

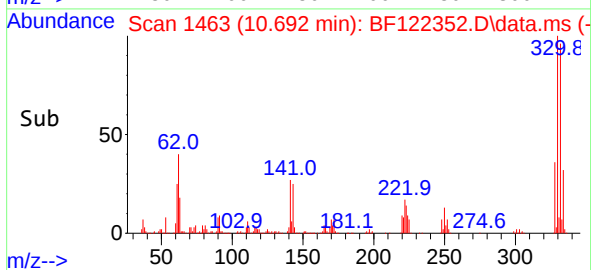
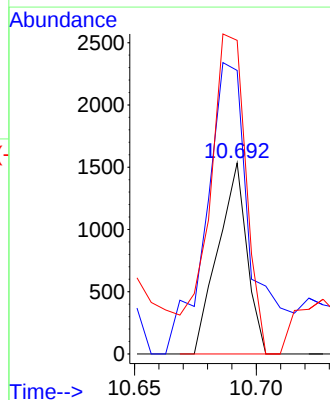
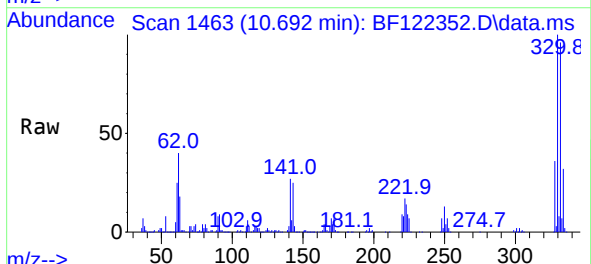
Instrument :
BNA_F
ClientSampleId :
BG-2-(0.5-1)

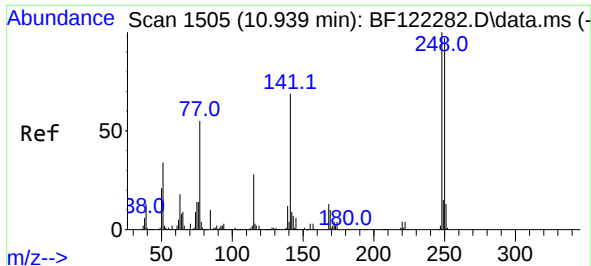
Tgt Ion:188 Resp: 1017704
Ion Ratio Lower Upper
188 100
94 9.3 8.3 12.5
80 9.5 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.51 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF122352.D
Acq: 17 Nov 2020 18:23

Tgt Ion:198 Resp: 1265
Ion Ratio Lower Upper
198 100
51 148.3 29.6 69.6#
105 164.1 24.4 64.4#

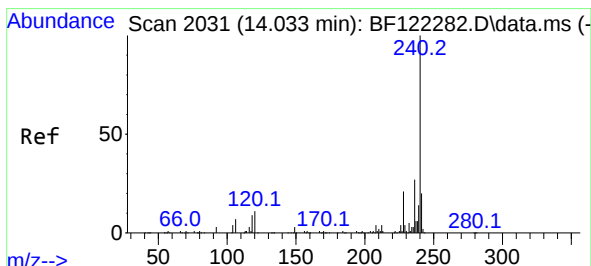
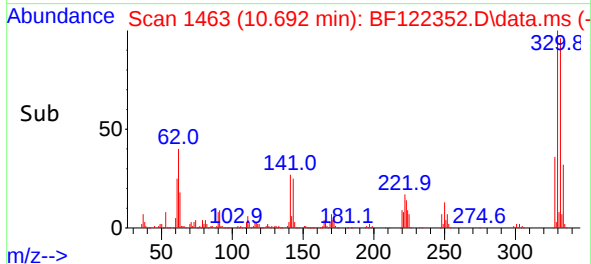
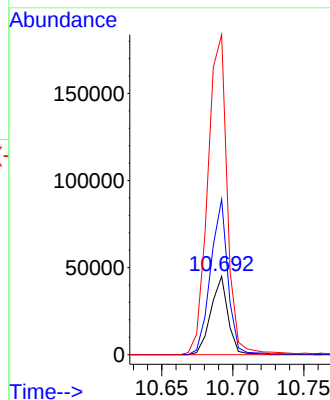
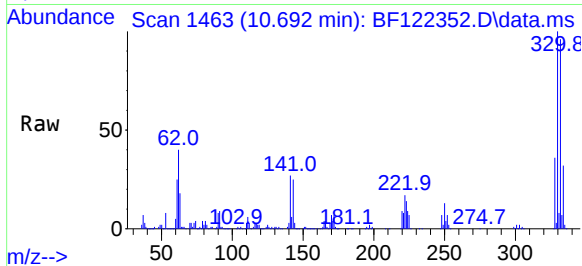




#67
4-Bromophenyl-phenylether
Concen: 3.17 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF122352.D
Acq: 17 Nov 2020 18:23

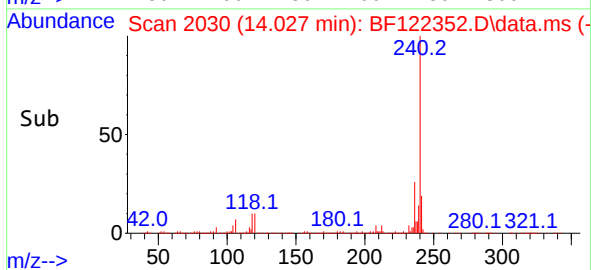
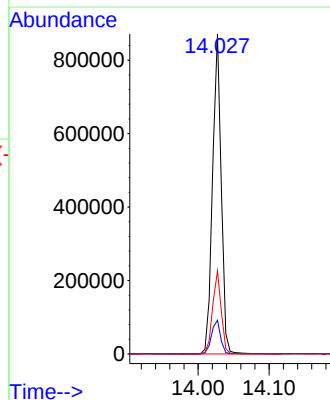
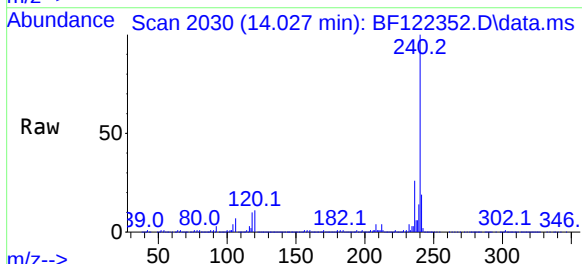
Instrument :
BNA_F
ClientSampleId :
BG-2-(0.5-1)

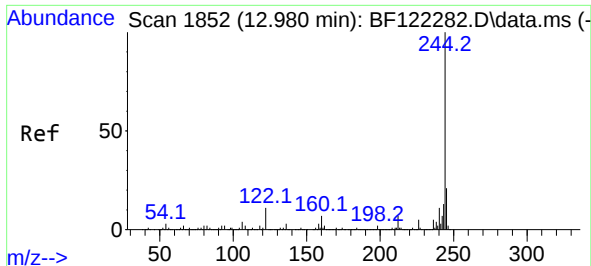
Tgt Ion:248 Resp: 37872
Ion Ratio Lower Upper
248 100
250 198.4 77.0 115.6#
141 408.4 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122352.D
Acq: 17 Nov 2020 18:23

Tgt Ion:240 Resp: 741807
Ion Ratio Lower Upper
240 100
120 10.5 9.2 13.8
236 26.0 20.9 31.3

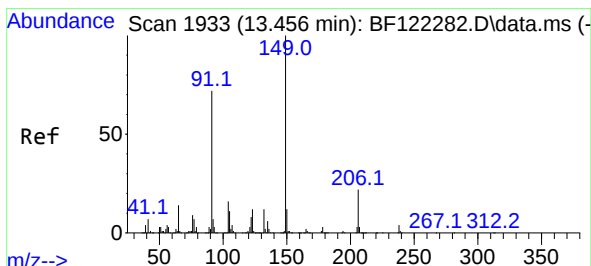
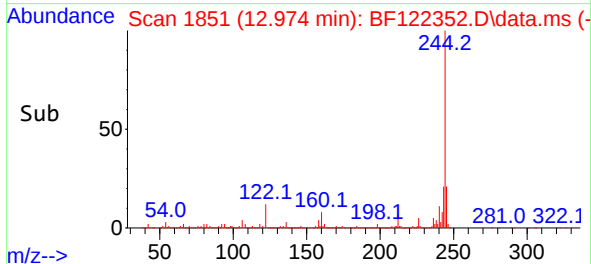
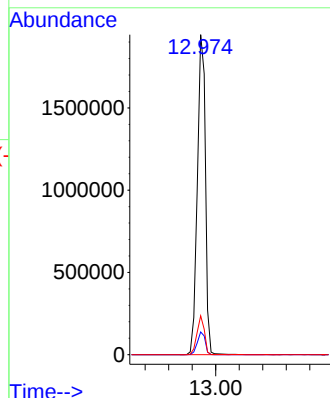
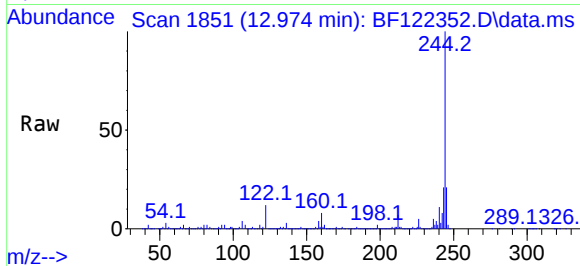




#79
 Terphenyl-d14
 Concen: 52.53 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF122352.D
 Acq: 17 Nov 2020 18:23

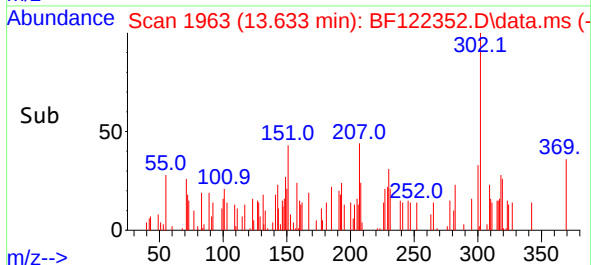
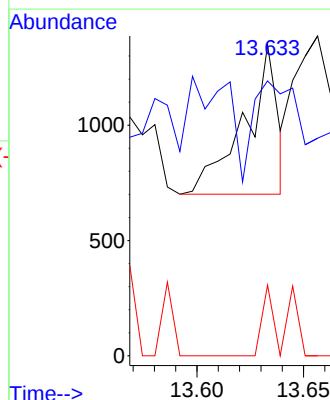
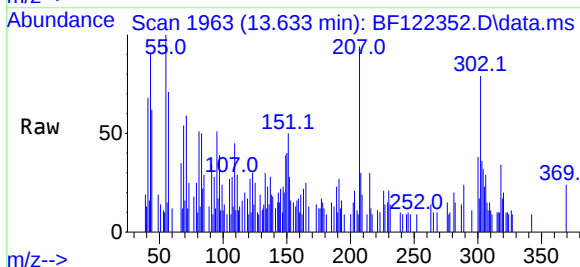
Instrument :
 BNA_F
 ClientSampleId :
 BG-2-(0.5-1)

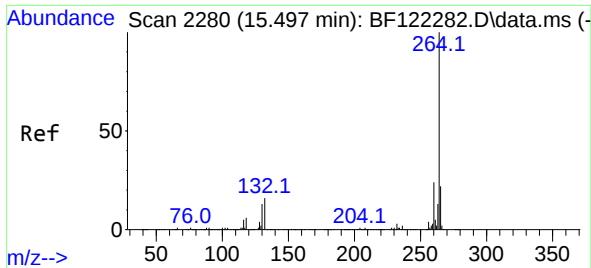
Tgt Ion:244 Resp: 1839314
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 12.2 8.1 12.1#



#80
 Butylbenzylphthalate
 Concen: 3.32 ng
 RT: 13.633 min Scan# 1963
 Delta R.T. 0.177 min
 Lab File: BF122352.D
 Acq: 17 Nov 2020 18:23

Tgt Ion:149 Resp: 697
 Ion Ratio Lower Upper
 149 100
 91 88.4 61.0 91.4
 206 22.8 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: BF122352.D
 Acq: 17 Nov 2020 18:23

Instrument :
 BNA_F
 ClientSampleId :
 BG-2-(0.5-1)

Tgt Ion:264 Resp: 807120

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	22.2	17.3	25.9

