

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
 Data File : BG054818.D
 Acq On : 1 Sep 2022 11:58
 Operator : CG/JU
 Sample : PB147322BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147322BL

Quant Time: Sep 01 14:33:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

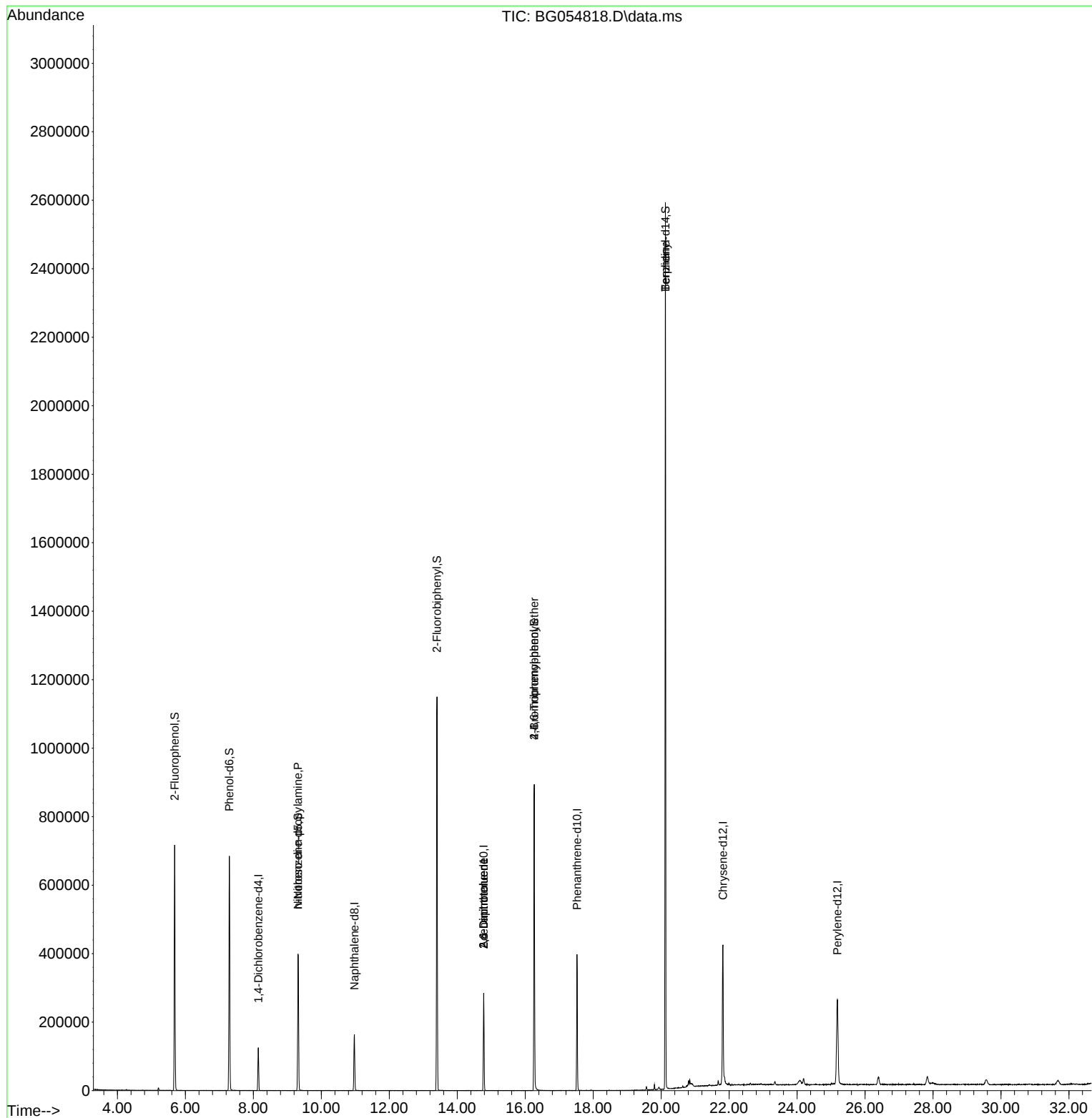
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	38231	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	152548	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	104294	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	257465	20.000	ng	0.00
76) Chrysene-d12	21.819	240	269698	20.000	ng	0.00
86) Perylene-d12	25.186	264	272230	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	328282	149.527	ng	0.00
7) Phenol-d6	7.295	99	430709	143.451	ng	0.00
23) Nitrobenzene-d5	9.316	82	257002	88.442	ng	-0.01
42) 2,4,6-Tribromophenol	16.267	330	201377	154.522	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	640652	92.326	ng	0.00
79) Terphenyl-d14	20.127	244	1268970	93.227	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.316	70	33029	15.997	ng	# 79
51) 2,6-Dinitrotoluene	14.780	165	13811	8.404	ng	# 20
57) 2,4-Dinitrotoluene	14.780	165	13811	6.076	ng	# 18
67) 4-Bromophenyl-phenylether	16.267	248	12571	4.447	ng	# 1
77) Benzidine	20.127	184	19267	2.884	ng	# 92

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

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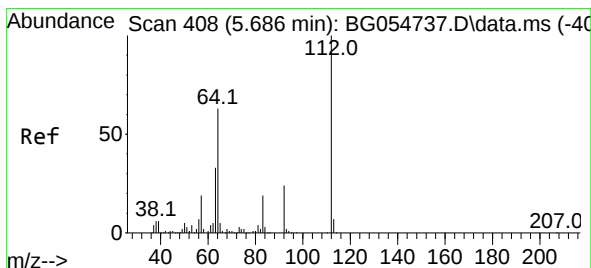
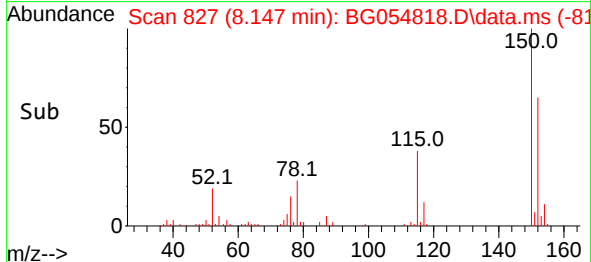
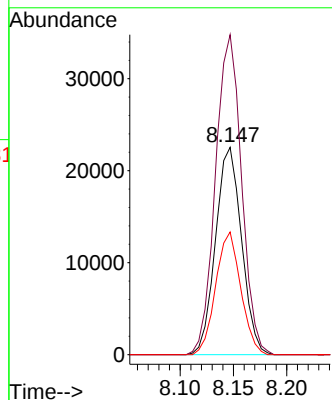
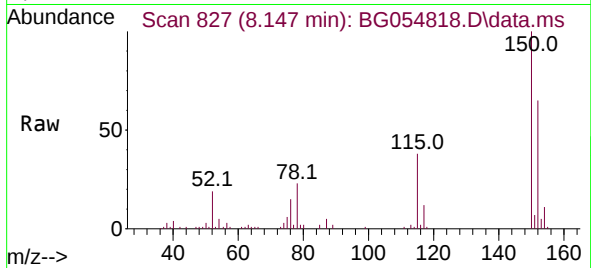




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.147 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054818.D
Acq: 1 Sep 2022 11:58

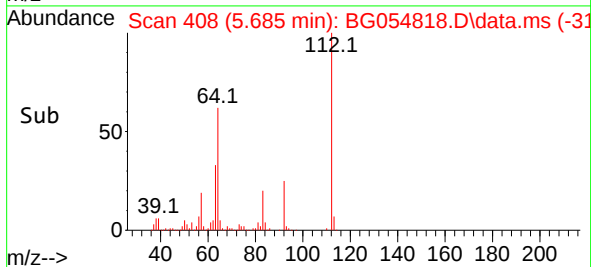
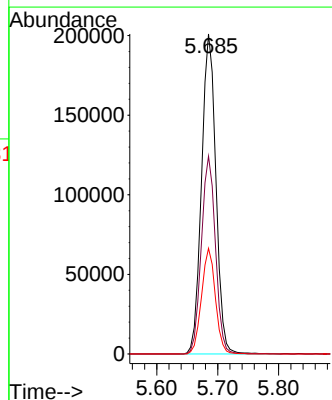
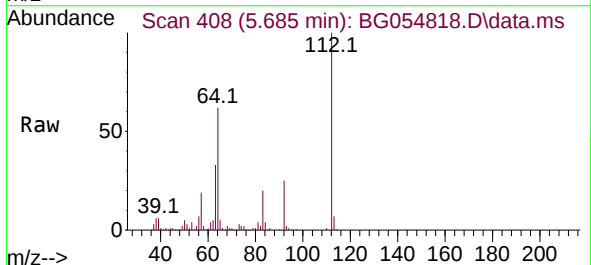
Instrument :
BNA_G
ClientSampleId :
PB147322BL

Tgt Ion:152 Resp: 38231
Ion Ratio Lower Upper
152 100
150 154.3 125.2 187.8
115 59.2 47.9 71.9



#5
2-Fluorophenol
Concen: 149.527 ng
RT: 5.685 min Scan# 408
Delta R.T. -0.001 min
Lab File: BG054818.D
Acq: 1 Sep 2022 11:58

Tgt Ion:112 Resp: 328282
Ion Ratio Lower Upper
112 100
64 61.8 49.3 73.9
63 33.0 26.3 39.5

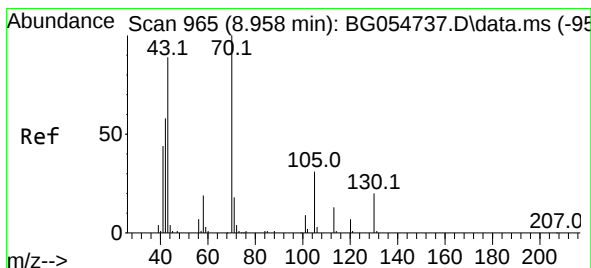
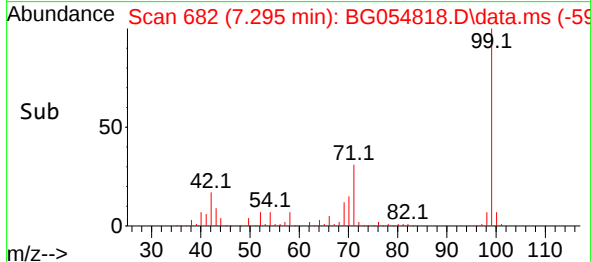
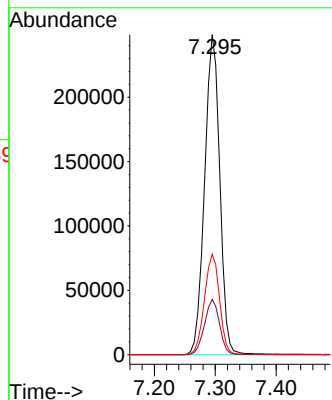
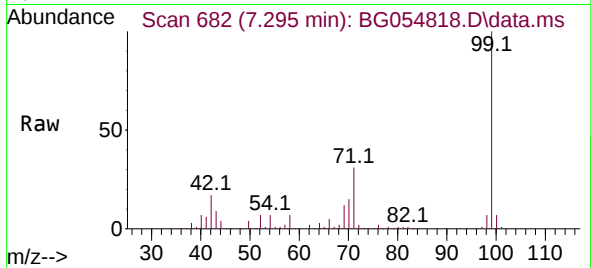




#7
Phenol-d6
Concen: 143.451 ng
RT: 7.295 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG054818.D
Acq: 1 Sep 2022 11:58

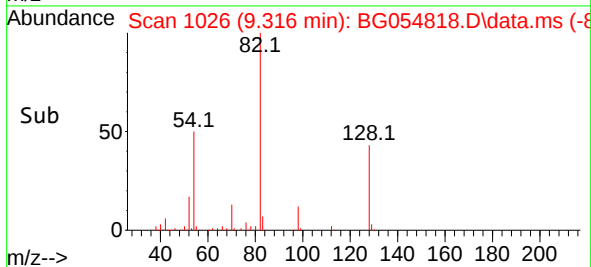
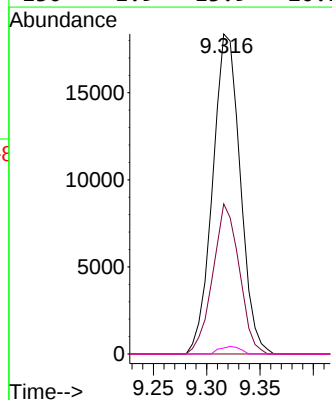
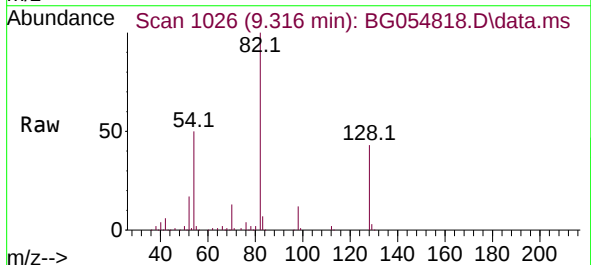
Instrument :
BNA_G
ClientSampleId :
PB147322BL

Tgt Ion: 99 Resp: 430709
Ion Ratio Lower Upper
99 100
42 17.3 14.6 22.0
71 31.4 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.997 ng
RT: 9.316 min Scan# 1026
Delta R.T. 0.358 min
Lab File: BG054818.D
Acq: 1 Sep 2022 11:58

Tgt Ion: 70 Resp: 33029
Ion Ratio Lower Upper
70 100
42 46.9 46.6 69.8
101 0.0 7.7 11.5#
130 1.9 13.9 20.9#

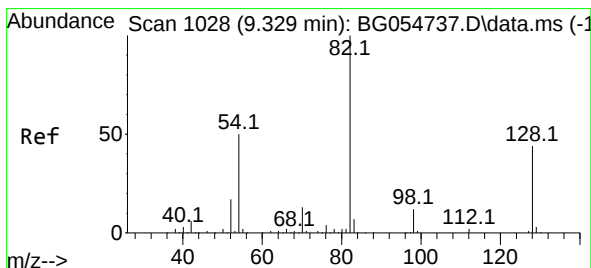
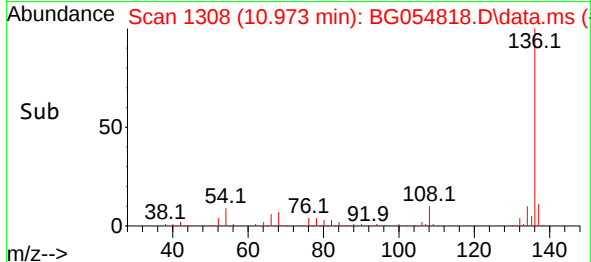
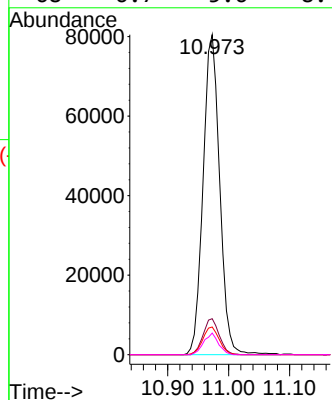
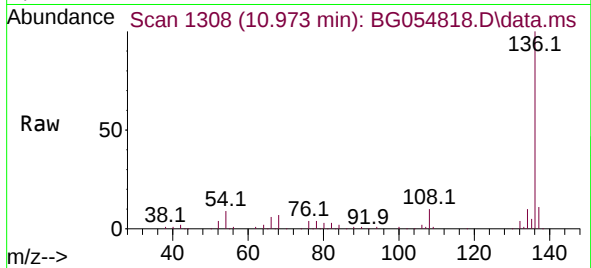




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG054818.D
Acq: 1 Sep 2022 11:58

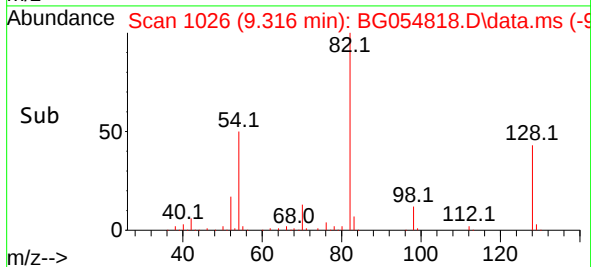
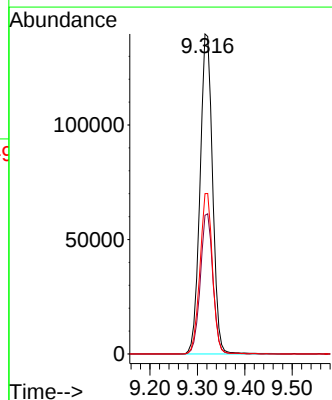
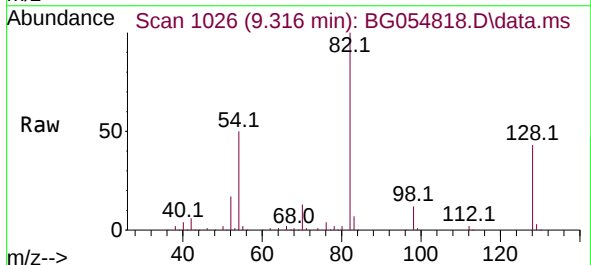
Instrument :
BNA_G
ClientSampleId :
PB147322BL

Tgt Ion:	136	Resp:	152548
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	8.7	7.7	11.5
68	6.7	5.6	8.4



#23
Nitrobenzene-d5
Concen: 88.442 ng
RT: 9.316 min Scan# 1026
Delta R.T. -0.013 min
Lab File: BG054818.D
Acq: 1 Sep 2022 11:58

Tgt Ion:	82	Resp:	257002
Ion	Ratio	Lower	Upper
82	100		
128	43.3	32.2	48.2
54	50.1	41.4	62.0

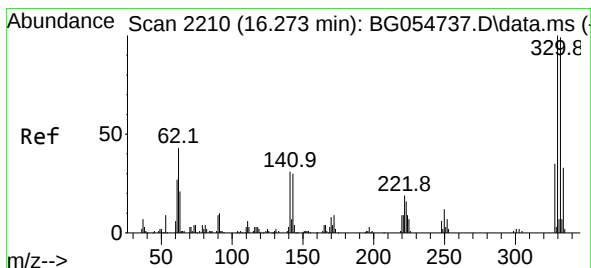
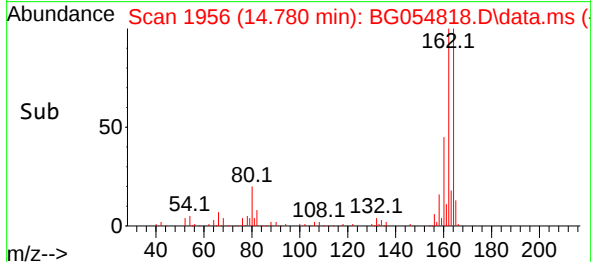
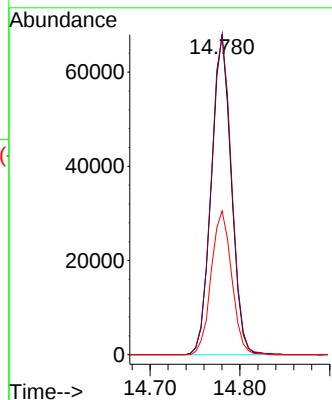
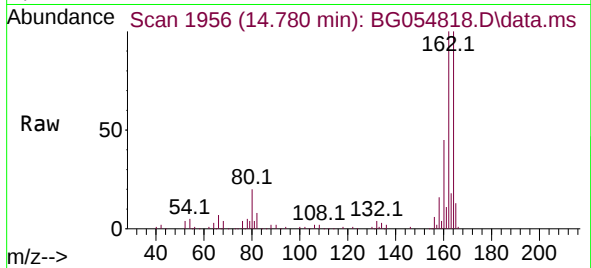




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.780 min Scan# 1957
Delta R.T. -0.007 min
Lab File: BG054818.D
Acq: 1 Sep 2022 11:58

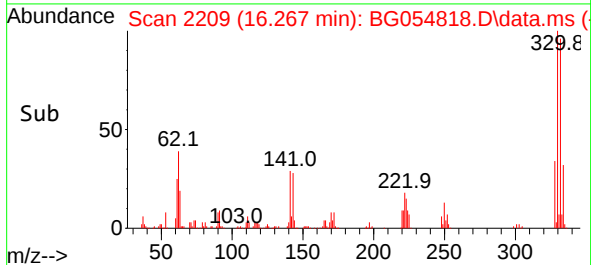
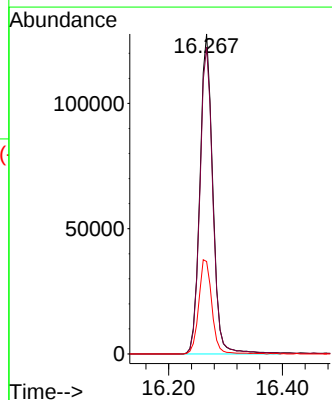
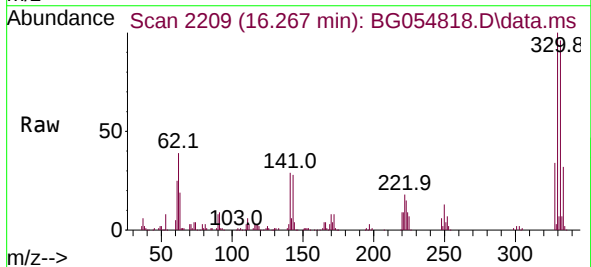
Instrument :
BNA_G
ClientSampleId :
PB147322BL

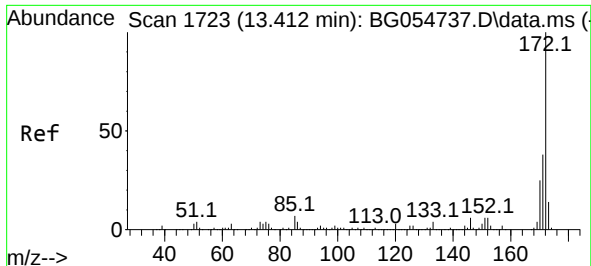
Tgt Ion:164 Resp: 104294
Ion Ratio Lower Upper
164 100
162 99.6 83.0 124.4
160 44.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 154.522 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.007 min
Lab File: BG054818.D
Acq: 1 Sep 2022 11:58

Tgt Ion:330 Resp: 201377
Ion Ratio Lower Upper
330 100
332 97.2 79.8 119.6
141 30.1 26.8 40.2

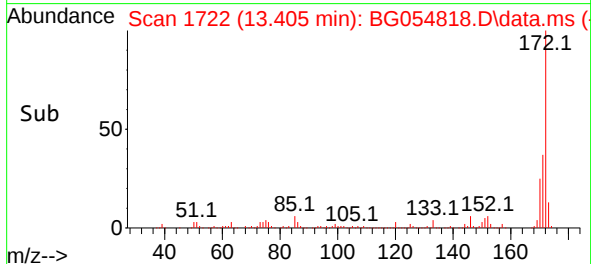
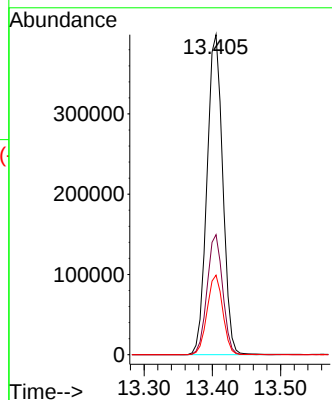
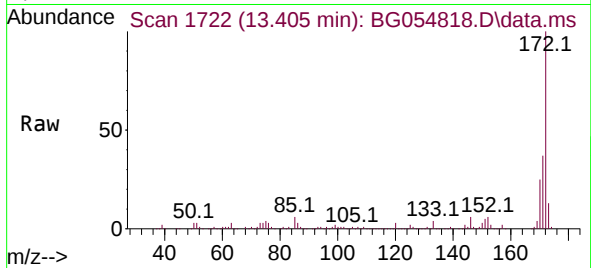




#45
2-Fluorobiphenyl
Concen: 92.326 ng
RT: 13.405 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054818.D
Acq: 1 Sep 2022 11:58

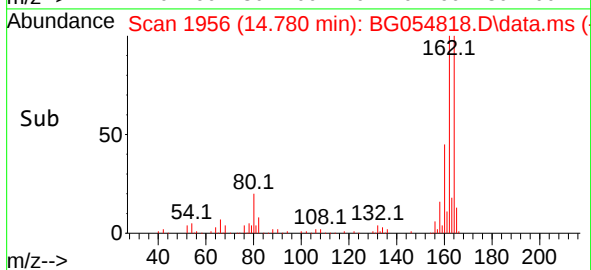
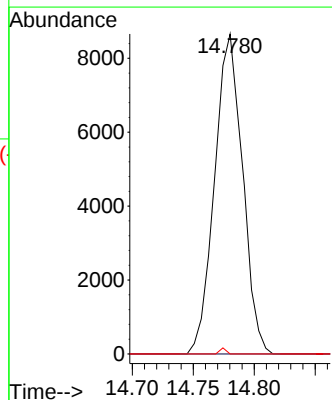
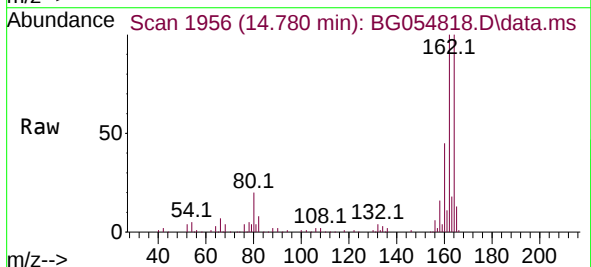
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BNA_G
ClientSampleId :
PB147322BL

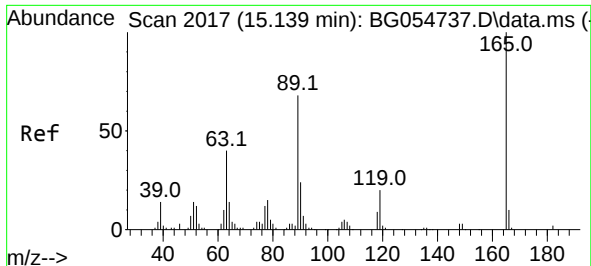
Tgt Ion:172 Resp: 640652
Ion Ratio Lower Upper
172 100
171 37.5 31.2 46.8
170 24.9 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.404 ng
RT: 14.780 min Scan# 1956
Delta R.T. 0.422 min
Lab File: BG054818.D
Acq: 1 Sep 2022 11:58

Tgt Ion:165 Resp: 13811
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#

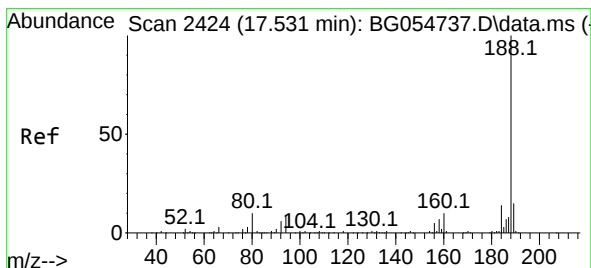
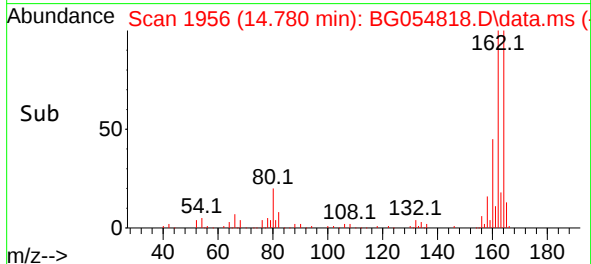
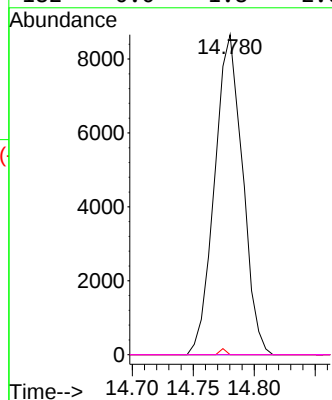
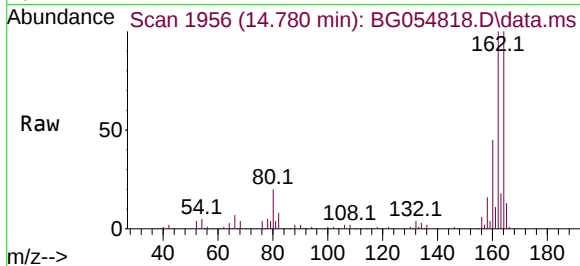




#57
2,4-Dinitrotoluene
Concen: 6.076 ng
RT: 14.780 min Scan# 1956
Delta R.T. -0.359 min
Lab File: BG054818.D
Acq: 1 Sep 2022 11:58

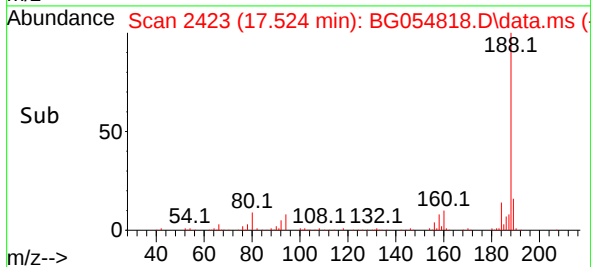
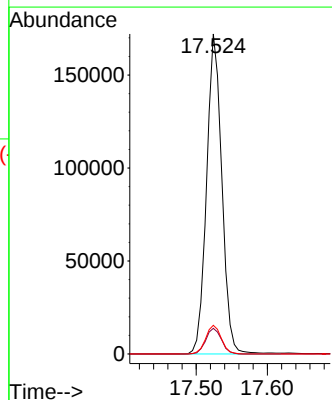
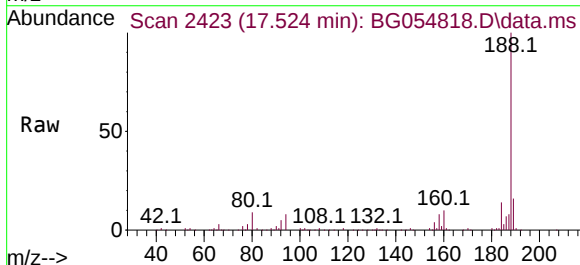
Instrument :
BNA_G
ClientSampleId :
PB147322BL

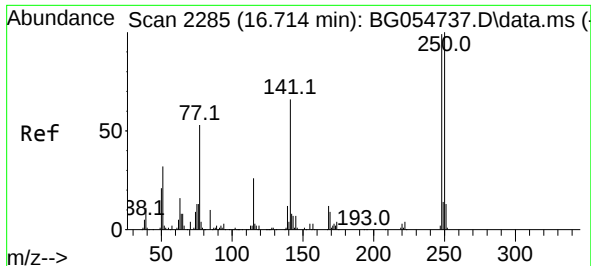
Tgt Ion:165 Resp: 13811
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.524 min Scan# 2423
Delta R.T. -0.007 min
Lab File: BG054818.D
Acq: 1 Sep 2022 11:58

Tgt Ion:188 Resp: 257465
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 9.0 7.9 11.9

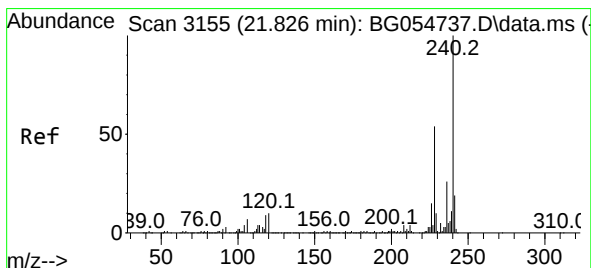
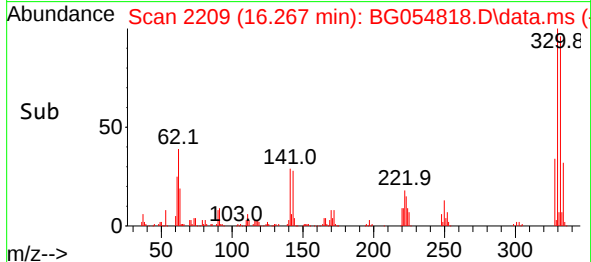
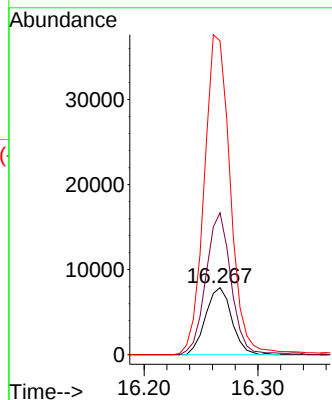
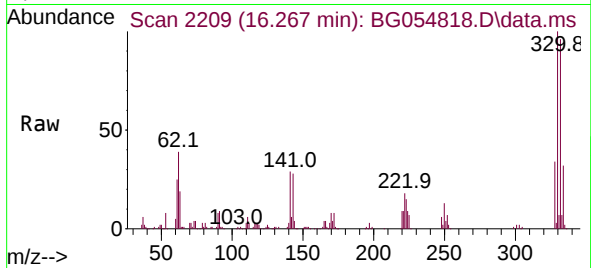




#67
4-Bromophenyl-phenylether
Concen: 4.447 ng
RT: 16.267 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG054818.D
Acq: 1 Sep 2022 11:58

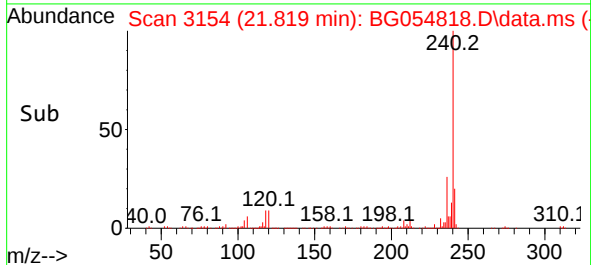
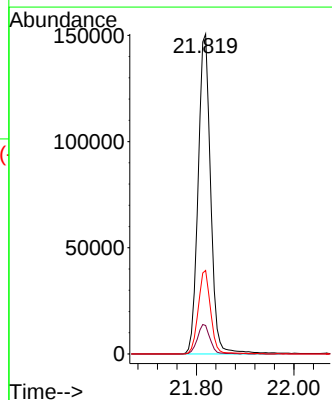
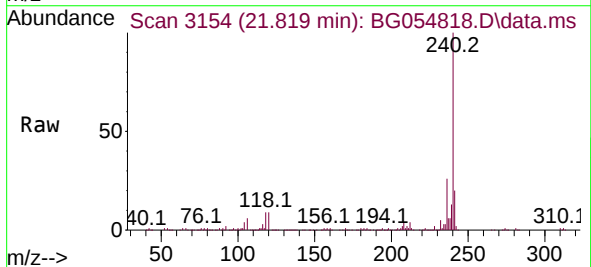
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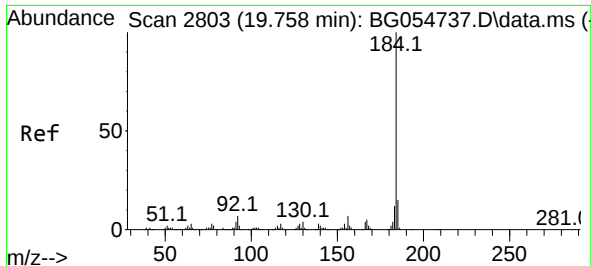
Tgt Ion:248 Resp: 12571
Ion Ratio Lower Upper
248 100
250 211.8 78.8 118.2#
141 468.4 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3154
Delta R.T. -0.007 min
Lab File: BG054818.D
Acq: 1 Sep 2022 11:58

Tgt Ion:240 Resp: 269698
Ion Ratio Lower Upper
240 100
120 8.9 8.2 12.4
236 26.1 21.2 31.8

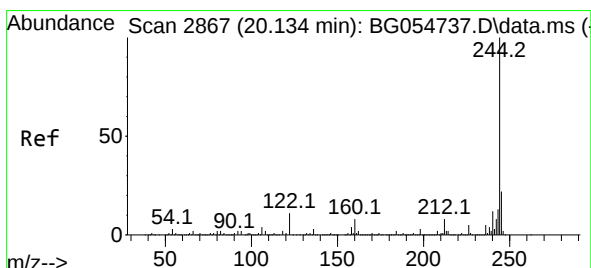
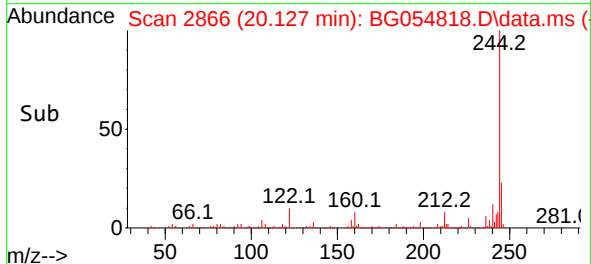
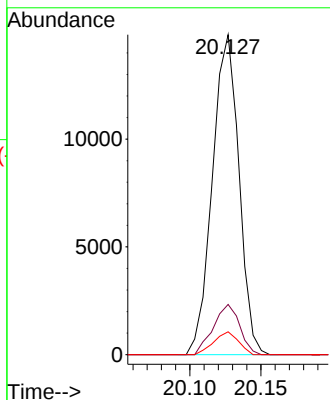
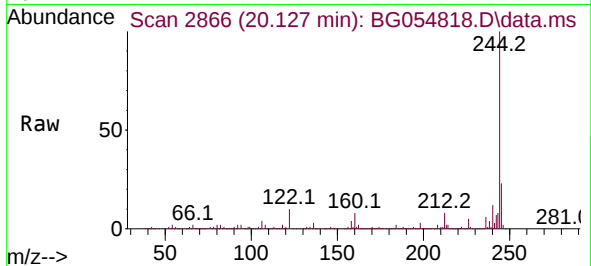




#77
Benzidine
Concen: 2.884 ng
RT: 20.127 min Scan# 2866
Delta R.T. 0.369 min
Lab File: BG054818.D
Acq: 1 Sep 2022 11:58

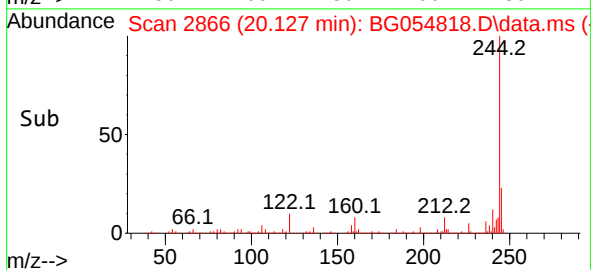
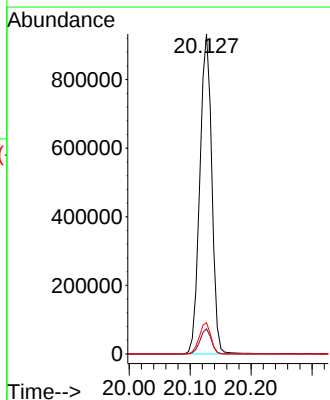
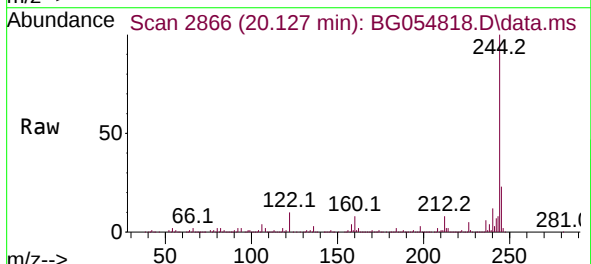
Instrument :
BNA_G
ClientSampleId :
PB147322BL

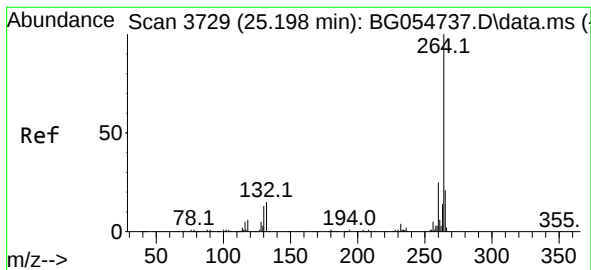
Tgt Ion:184 Resp: 19267
Ion Ratio Lower Upper
184 100
185 15.7 11.4 17.0
183 7.1 9.8 14.8#



#79
Terphenyl-d14
Concen: 93.227 ng
RT: 20.127 min Scan# 2866
Delta R.T. -0.007 min
Lab File: BG054818.D
Acq: 1 Sep 2022 11:58

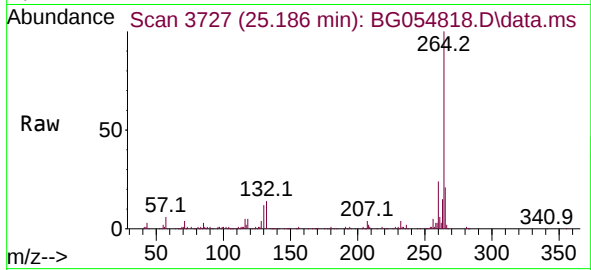
Tgt Ion:244 Resp: 1268970
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 9.7 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.186 min Scan# 31
Delta R.T. -0.013 min
Lab File: BG054818.D
Acq: 1 Sep 2022 11:58

Instrument :
BNA_G
ClientSampleId :
PB147322BL



Tgt Ion:264 Resp: 272230

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.9	29.9
265	21.2	16.9	25.3

