

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
 Data File : BG057481.D
 Acq On : 20 May 2023 00:23
 Operator : CG/JU
 Sample : 02849-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP8

Quant Time: May 20 04:31:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.352	152	17489	20.000	ng	0.00
21) Naphthalene-d8	11.189	136	69223	20.000	ng	# 0.00
39) Acenaphthene-d10	14.967	164	52862	20.000	ng	0.00
64) Phenanthrene-d10	17.710	188	135917	20.000	ng	0.00
76) Chrysene-d12	22.010	240	127749	20.000	ng	0.00
86) Perylene-d12	25.505	264	137874	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.873	112	86728	84.829	ng	0.00
7) Phenol-d6	7.494	99	129090	83.148	ng	0.00
23) Nitrobenzene-d5	9.533	82	82147	49.807	ng	0.00
42) 2,4,6-Tribromophenol	16.453	330	65777	87.696	ng	0.00
45) 2-Fluorobiphenyl	13.592	172	210876	53.726	ng	0.00
79) Terphenyl-d14	20.277	244	379221	48.443	ng	0.00

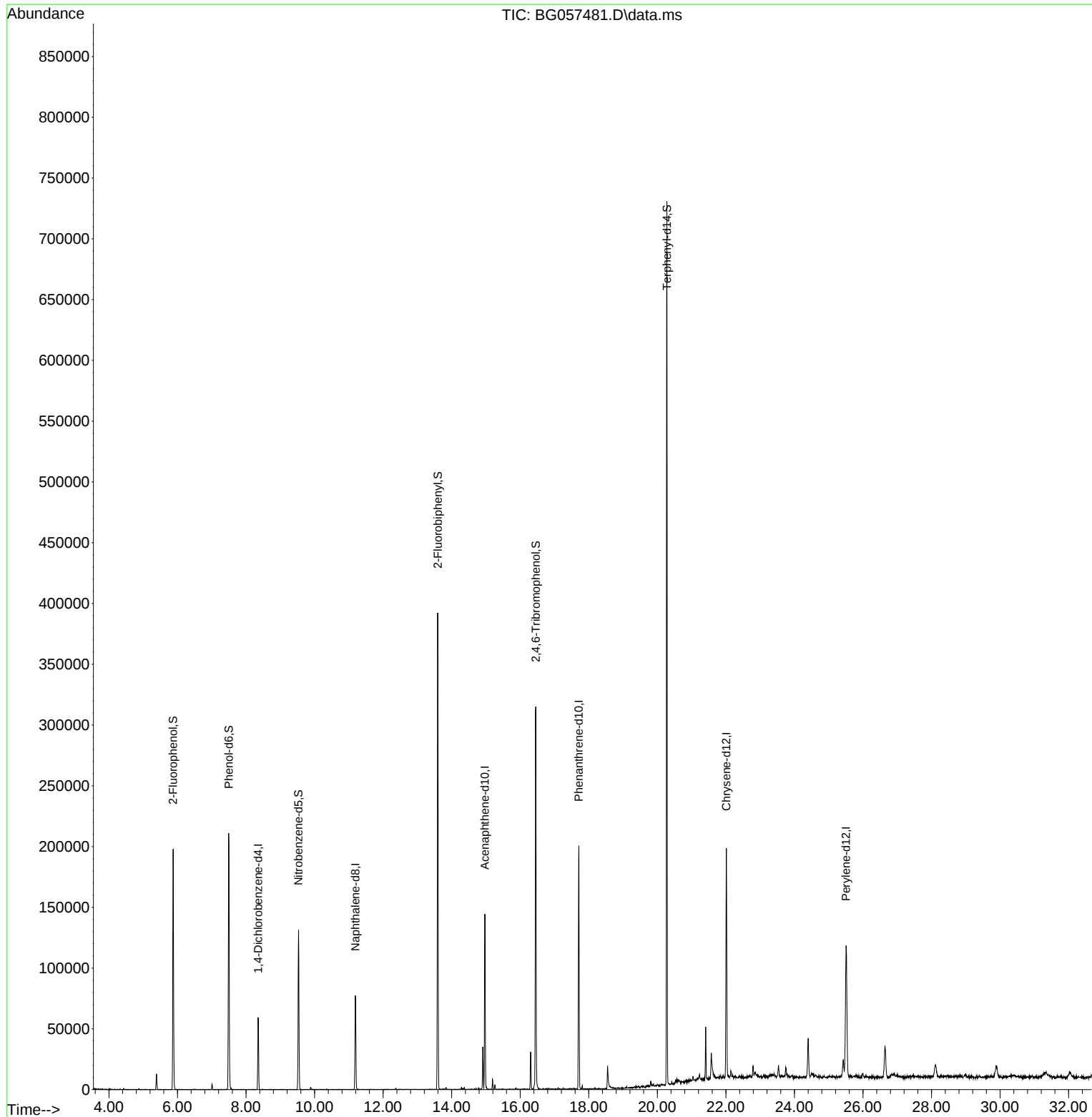
Target Compounds	Qvalue

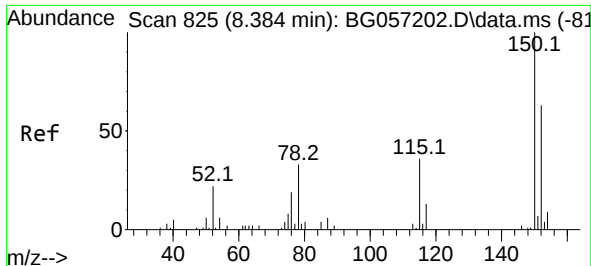
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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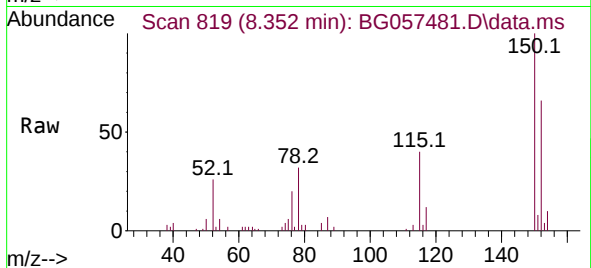
Quant Time: May 20 04:31:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
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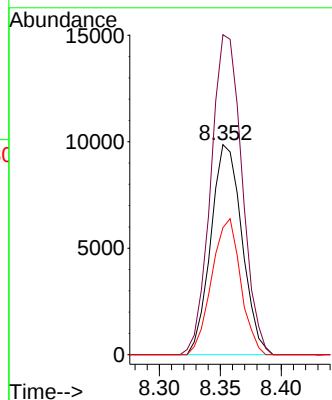
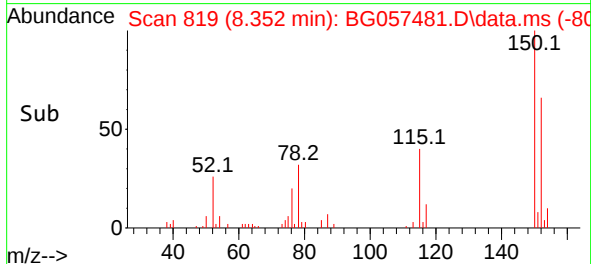


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.352 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG057481.D
Acq: 20 May 2023 00:23

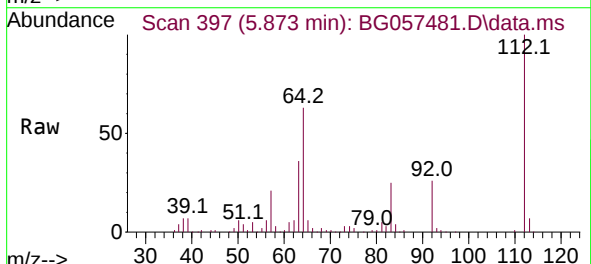
Instrument :
BNA_G
ClientSampleId :
TP8



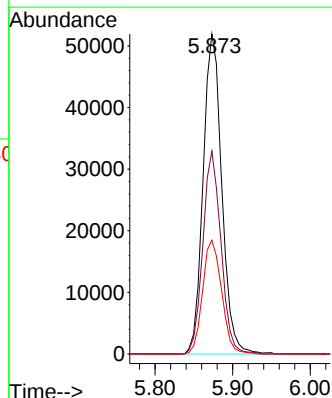
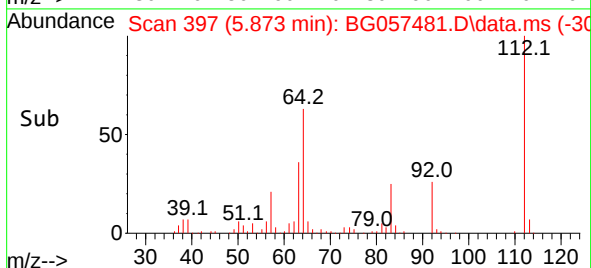
Tgt Ion:152 Resp: 17489
Ion Ratio Lower Upper
152 100
150 152.4 126.2 189.4
115 60.5 45.0 67.4

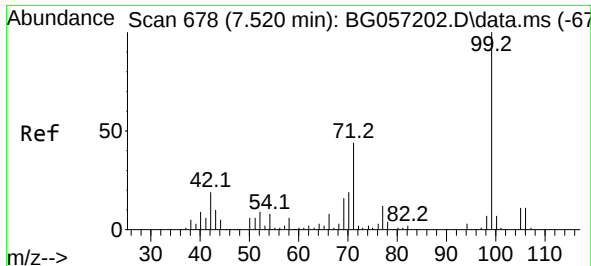


#5
2-Fluorophenol
Concen: 84.829 ng
RT: 5.873 min Scan# 397
Delta R.T. 0.002 min
Lab File: BG057481.D
Acq: 20 May 2023 00:23



Tgt Ion:112 Resp: 86728
Ion Ratio Lower Upper
112 100
64 63.3 49.4 74.2
63 35.6 31.6 47.4

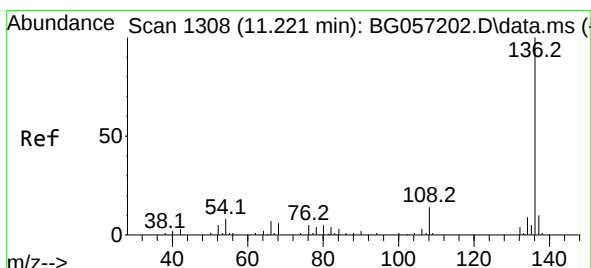
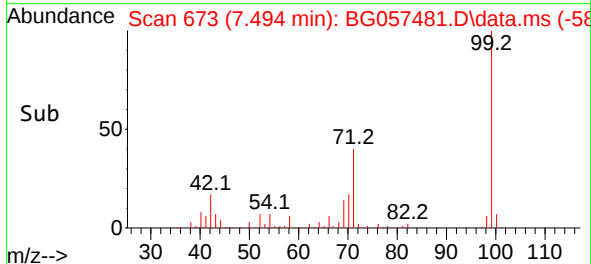
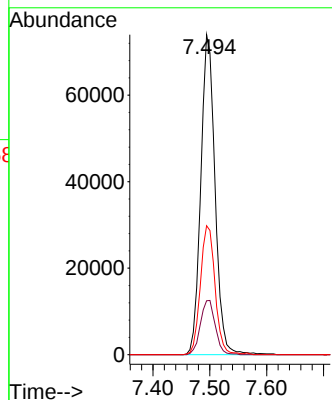
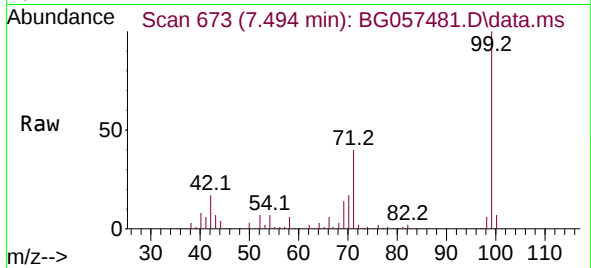




#7
Phenol-d6
Concen: 83.148 ng
RT: 7.494 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057481.D
Acq: 20 May 2023 00:23

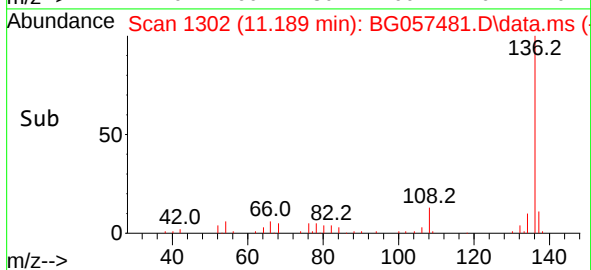
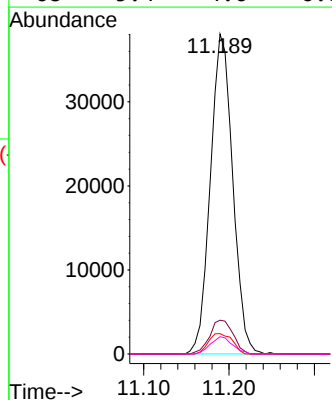
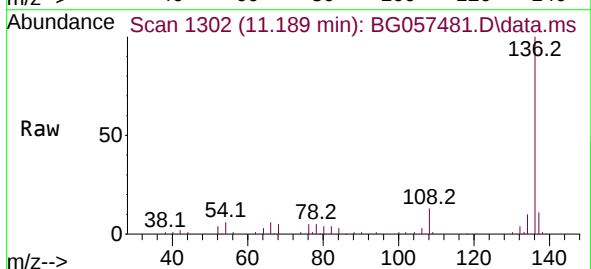
Instrument :
BNA_G
ClientSampleId :
TP8

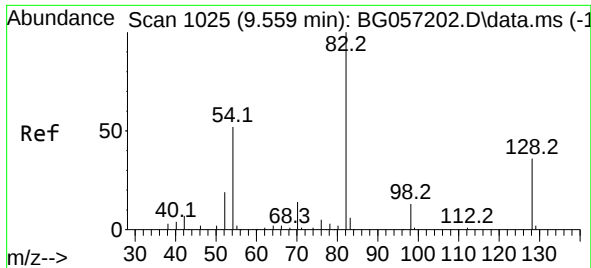
Tgt Ion: 99 Resp: 129090
Ion Ratio Lower Upper
99 100
42 16.8 15.1 22.7
71 40.3 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.189 min Scan# 1302
Delta R.T. -0.010 min
Lab File: BG057481.D
Acq: 20 May 2023 00:23

Tgt Ion: 136 Resp: 69223
Ion Ratio Lower Upper
136 100
137 10.6 8.3 12.5
54 6.4 6.7 10.1#
68 5.4 4.6 6.8

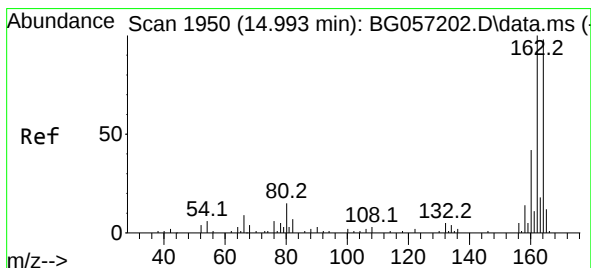
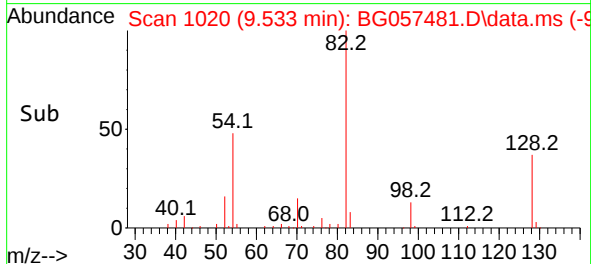
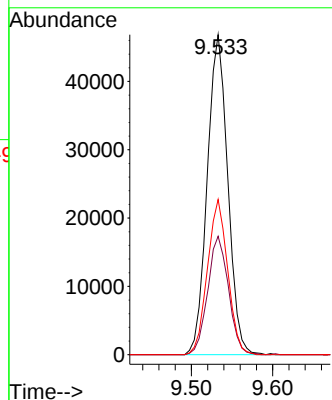
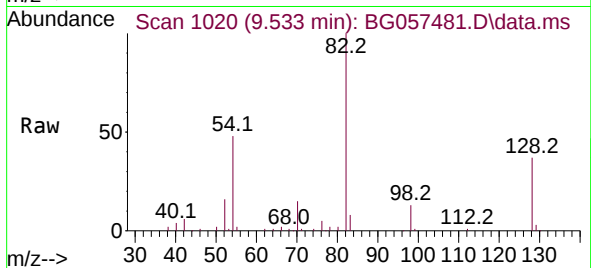




#23
 Nitrobenzene-d5
 Concen: 49.807 ng
 RT: 9.533 min Scan# 1020
 Delta R.T. -0.004 min
 Lab File: BG057481.D
 Acq: 20 May 2023 00:23

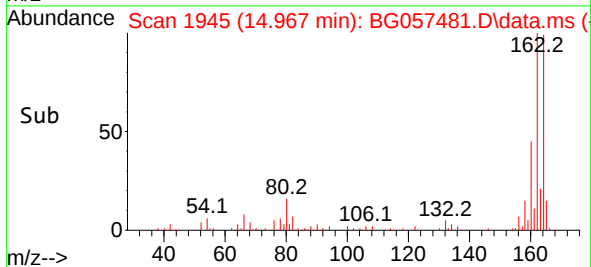
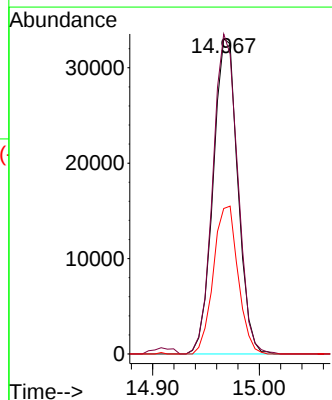
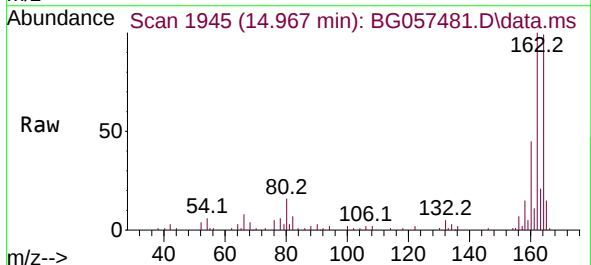
Instrument :
 BNA_G
 ClientSampleId :
 TP8

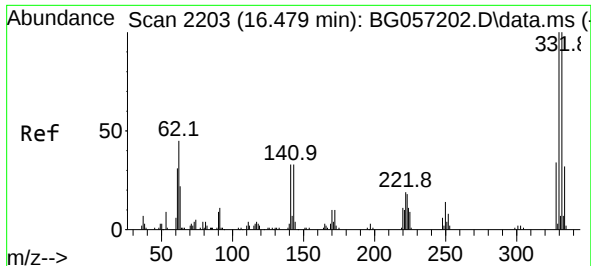
Tgt Ion: 82 Resp: 82147
 Ion Ratio Lower Upper
 82 100
 128 37.0 29.0 43.4
 54 48.5 41.4 62.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.967 min Scan# 1945
 Delta R.T. -0.010 min
 Lab File: BG057481.D
 Acq: 20 May 2023 00:23

Tgt Ion: 164 Resp: 52862
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.8 122.6
 160 46.1 34.6 52.0

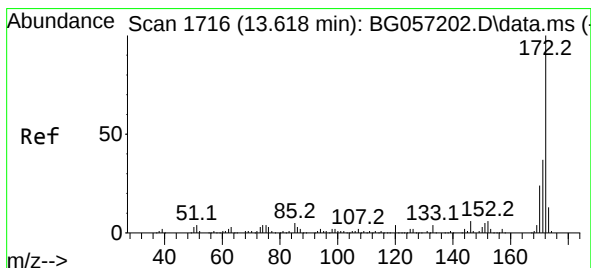
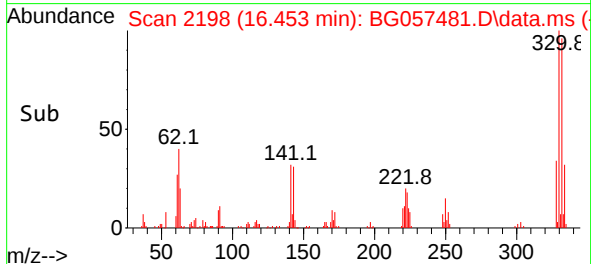
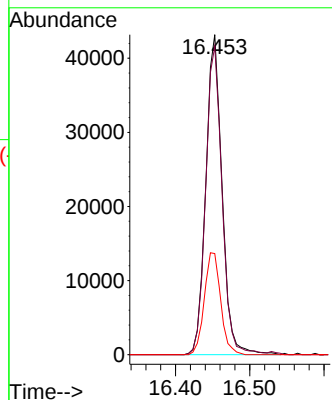
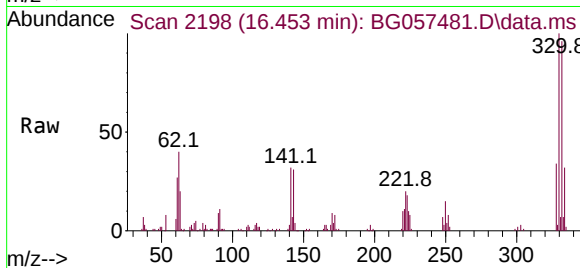




#42
2,4,6-Tribromophenol
Concen: 87.696 ng
RT: 16.453 min Scan# 21198
Delta R.T. -0.004 min
Lab File: BG057481.D
Acq: 20 May 2023 00:23

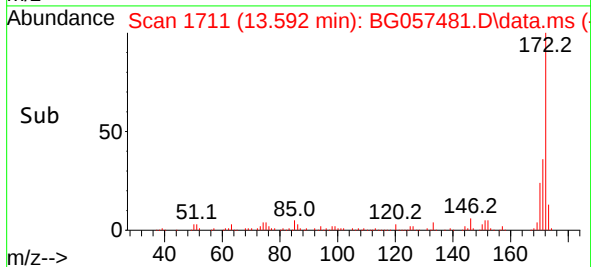
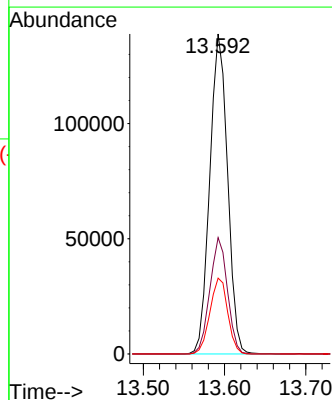
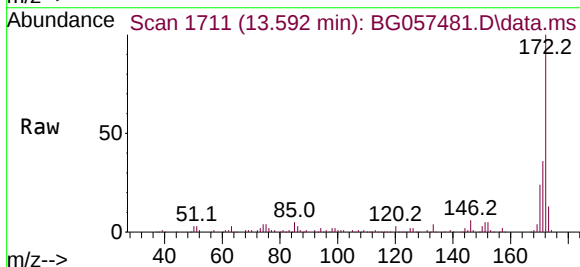
Instrument :
BNA_G
ClientSampleId :
TP8

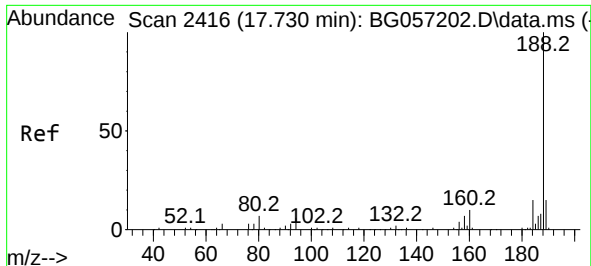
Tgt Ion:330 Resp: 65777
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.2
141 32.0 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 53.726 ng
RT: 13.592 min Scan# 1711
Delta R.T. -0.010 min
Lab File: BG057481.D
Acq: 20 May 2023 00:23

Tgt Ion:172 Resp: 210876
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 23.7 19.0 28.6

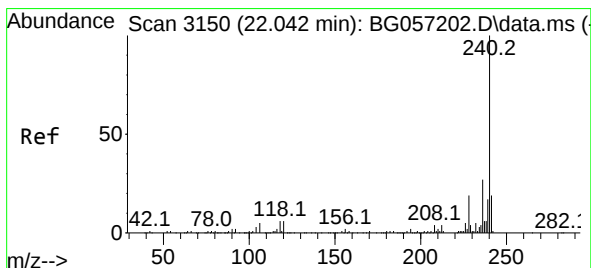
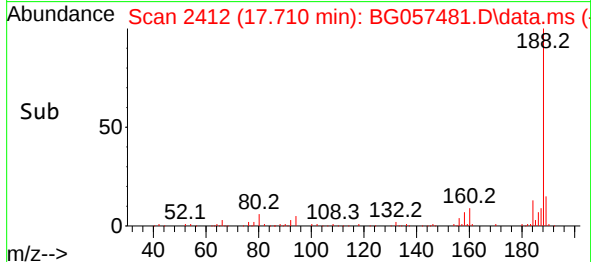
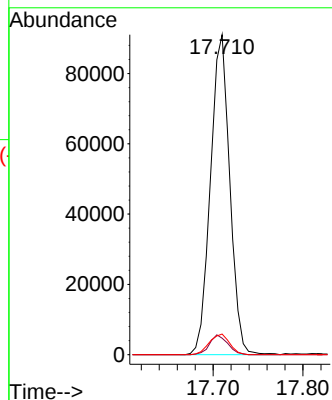
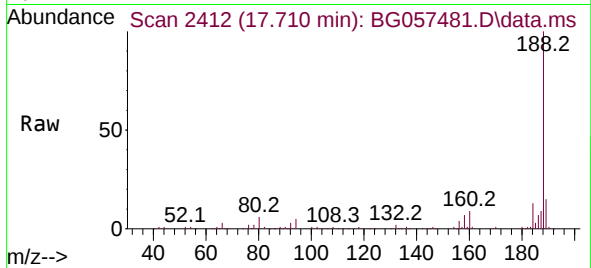




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.710 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BG057481.D
Acq: 20 May 2023 00:23

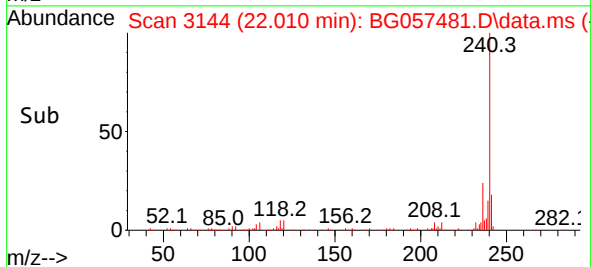
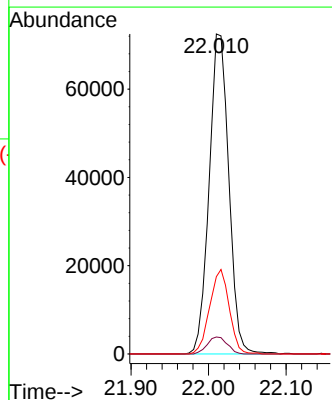
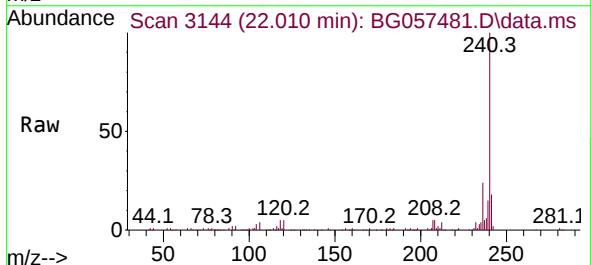
Instrument :
BNA_G
ClientSampleId :
TP8

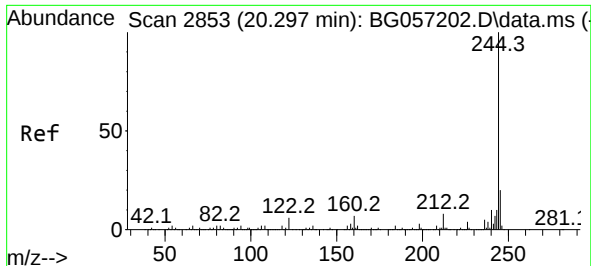
Tgt Ion:188 Resp: 135917
Ion Ratio Lower Upper
188 100
94 5.1 5.1 7.7
80 6.4 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.010 min Scan# 3144
Delta R.T. -0.010 min
Lab File: BG057481.D
Acq: 20 May 2023 00:23

Tgt Ion:240 Resp: 127749
Ion Ratio Lower Upper
240 100
120 5.3 4.9 7.3
236 24.2 21.4 32.2

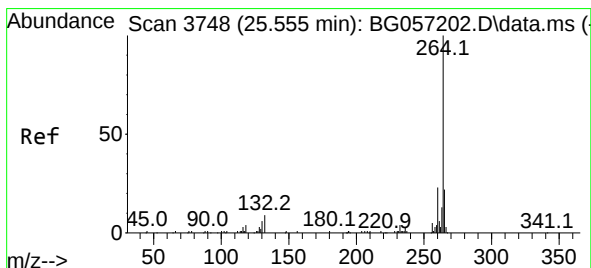
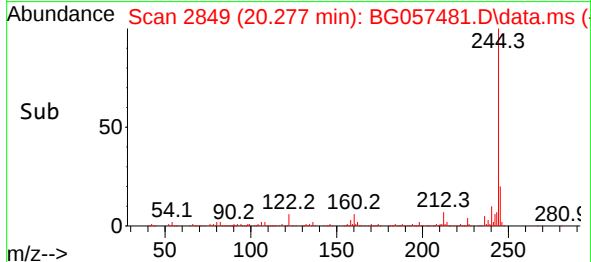
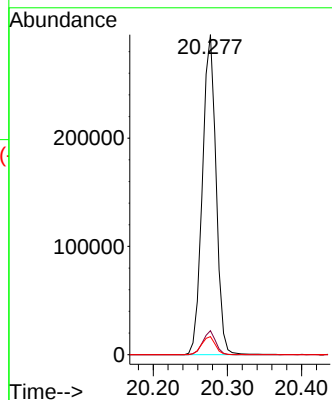
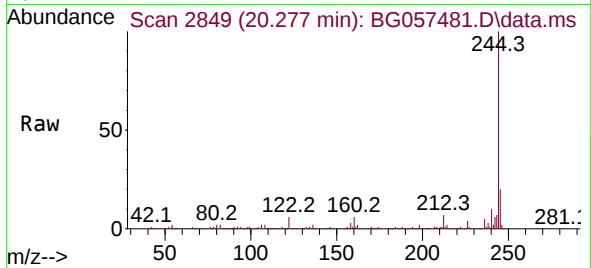




#79
 Terphenyl-d14
 Concen: 48.443 ng
 RT: 20.277 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG057481.D
 Acq: 20 May 2023 00:23

Instrument :
 BNA_G
 ClientSampleId :
 TP8

Tgt Ion:244 Resp: 379221
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 5.6 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.505 min Scan# 3739
 Delta R.T. -0.010 min
 Lab File: BG057481.D
 Acq: 20 May 2023 00:23

Tgt Ion:264 Resp: 137874
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.5 17.9 26.9

