

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
 Data File : BG057000.D
 Acq On : 5 Apr 2023 21:23
 Operator : CG/JU
 Sample : 02084-02DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-5BDL

Quant Time: Apr 06 02:04:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 01:57:04 2023
 Response via : Initial Calibration

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

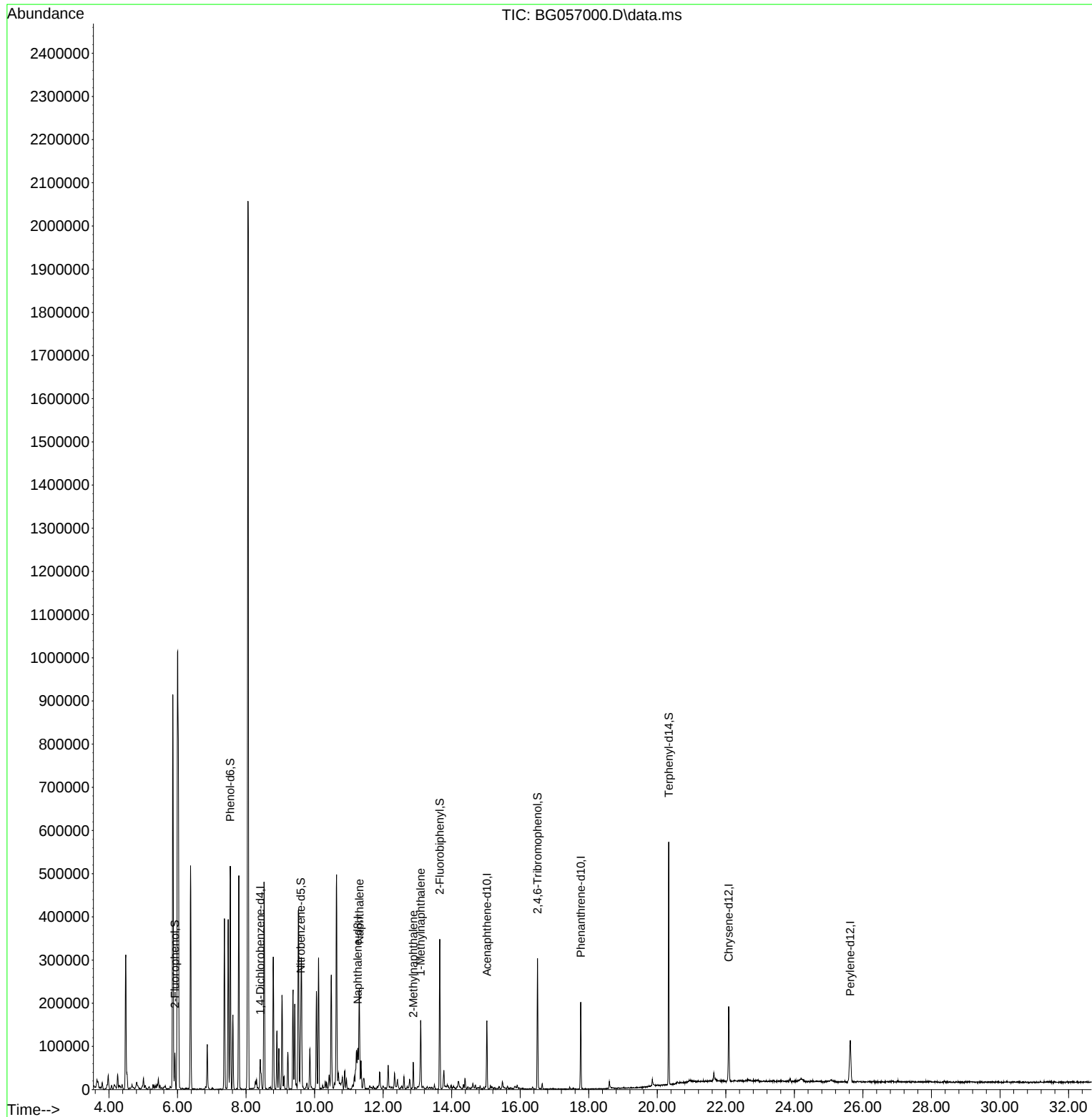
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.413	152	17217	20.000	ng	0.00
21) Naphthalene-d8	11.256	136	70794	20.000	ng	# 0.00
39) Acenaphthene-d10	15.027	164	54090	20.000	ng	0.00
64) Phenanthrene-d10	17.765	188	124871	20.000	ng	0.00
76) Chrysene-d12	22.082	240	108808	20.000	ng	-0.01
86) Perylene-d12	25.630	264	112712	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.922	112	31891	29.645	ng	0.00
7) Phenol-d6	7.537	99	27806	17.282	ng	0.00
23) Nitrobenzene-d5	9.593	82	71668	41.423	ng	0.00
42) 2,4,6-Tribromophenol	16.502	330	59071	68.361	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	174317	43.700	ng	0.00
79) Terphenyl-d14	20.332	244	267432	41.590	ng	0.00
Target Compounds						
31) Naphthalene	11.303	128	147703	38.277	ng	Qvalue 97
37) 2-Methylnaphthalene	12.877	142	25535	8.338	ng	94
38) 1-Methylnaphthalene	13.094	142	67195	23.366	ng	95

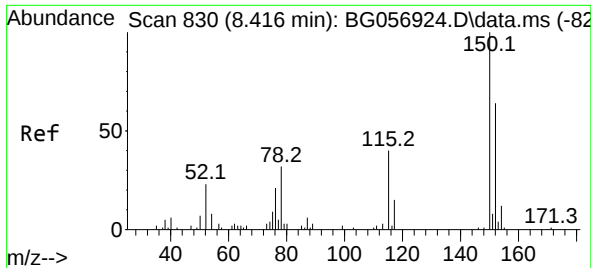
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 06 02:04:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 01:57:04 2023
Response via : Initial Calibration

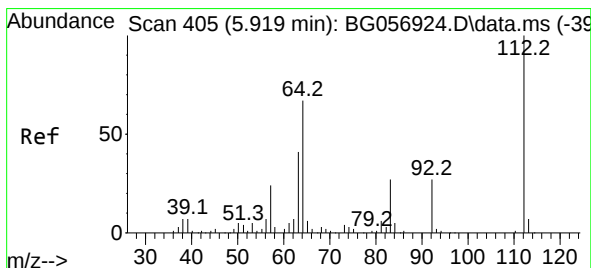
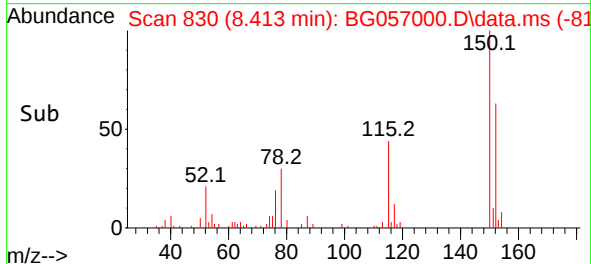
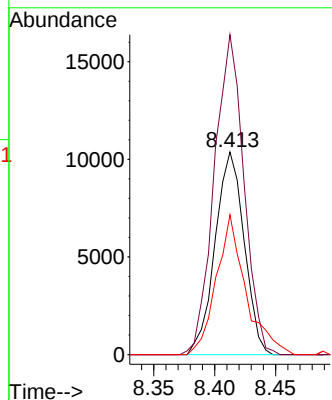
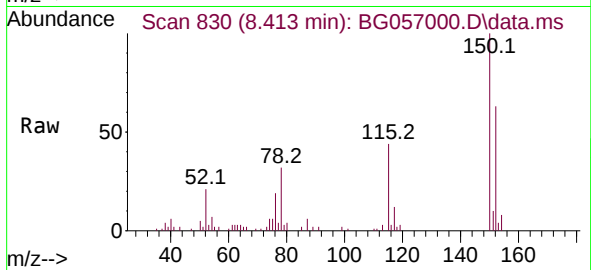




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.413 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

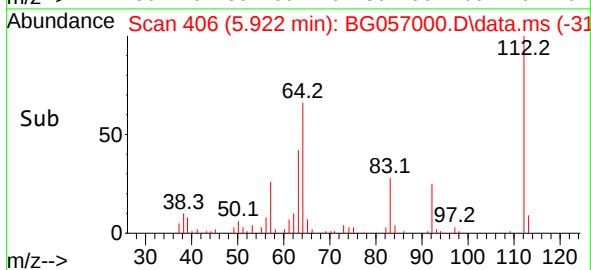
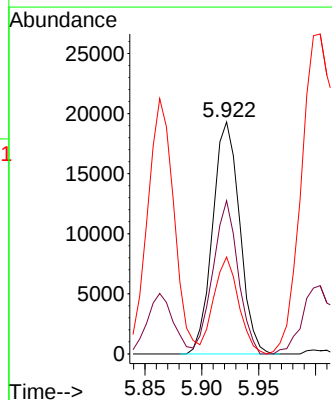
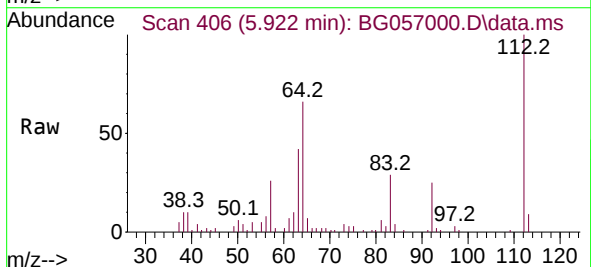
Instrument :
BNA_G
ClientSampleId :
MW-5BDL

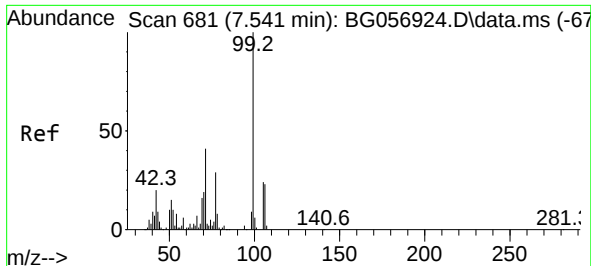
Tgt Ion:152 Resp: 17217
Ion Ratio Lower Upper
152 100
150 157.9 124.1 186.1
115 69.0 49.1 73.7



#5
2-Fluorophenol
Concen: 29.645 ng
RT: 5.922 min Scan# 406
Delta R.T. -0.001 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

Tgt Ion:112 Resp: 31891
Ion Ratio Lower Upper
112 100
64 66.1 53.2 79.8
63 41.7 32.6 48.8

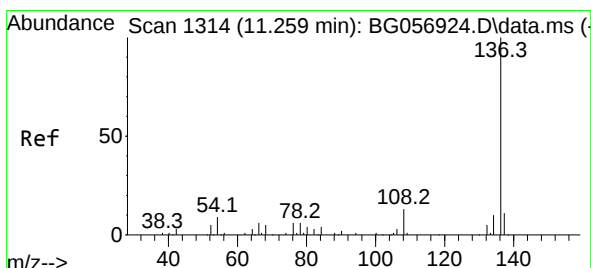
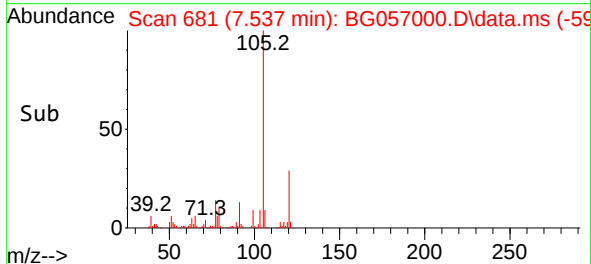
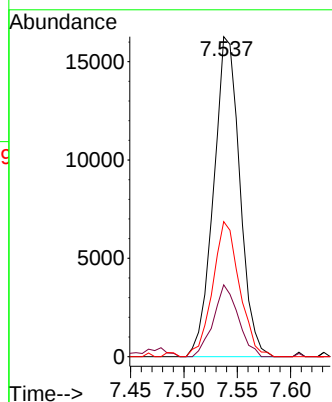
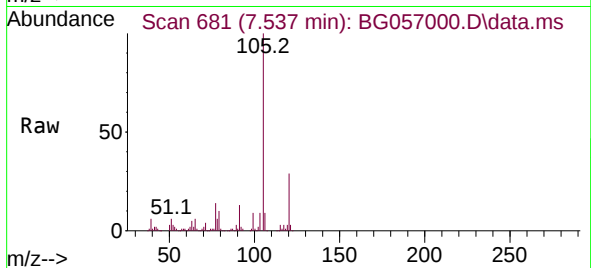




#7
Phenol-d6
Concen: 17.282 ng
RT: 7.537 min Scan# 681
Delta R.T. -0.007 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

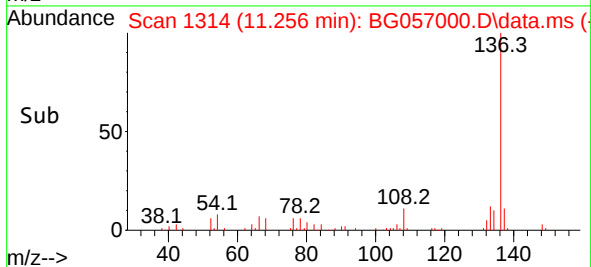
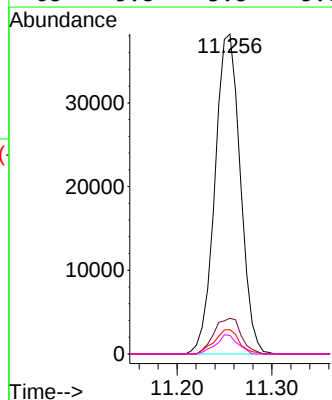
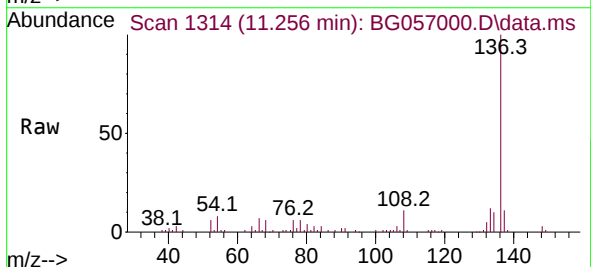
Instrument :
BNA_G
ClientSampleId :
MW-5BDL

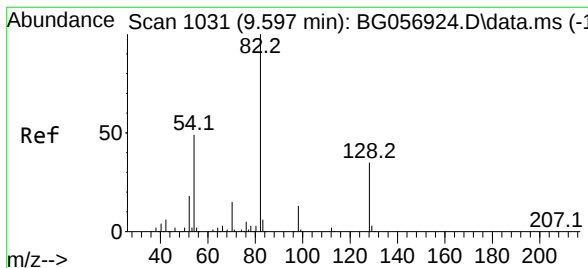
Tgt Ion: 99 Resp: 27806
Ion Ratio Lower Upper
99 100
42 22.4 15.7 23.5
71 42.2 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.256 min Scan# 1314
Delta R.T. -0.007 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

Tgt Ion: 136 Resp: 70794
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.6 6.9 10.3
68 5.8 3.8 5.6#





#23

Nitrobenzene-d5

Concen: 41.423 ng

RT: 9.593 min Scan# 1031

Delta R.T. -0.001 min

Lab File: BG057000.D

Acq: 5 Apr 2023 21:23

Instrument :

BNA_G

ClientSampleId :

MW-5BDL

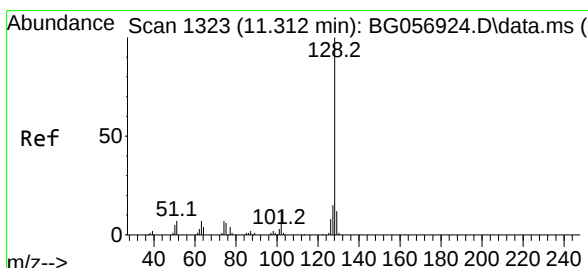
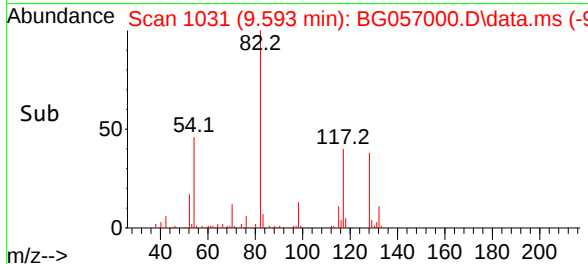
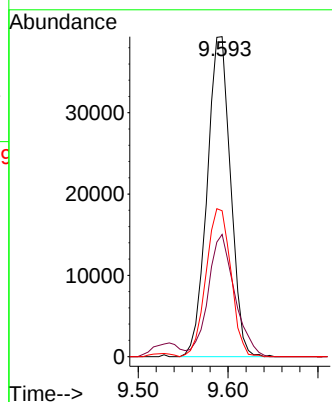
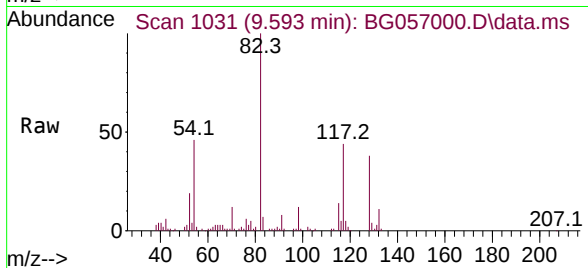
Tgt Ion: 82 Resp: 71668

Ion Ratio Lower Upper

82 100

128 38.2 27.9 41.9

54 45.6 39.4 59.2



#31

Naphthalene

Concen: 38.277 ng

RT: 11.303 min Scan# 1322

Delta R.T. -0.007 min

Lab File: BG057000.D

Acq: 5 Apr 2023 21:23

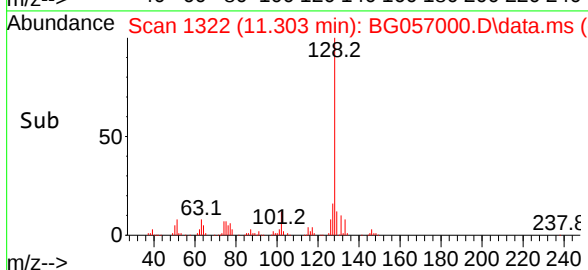
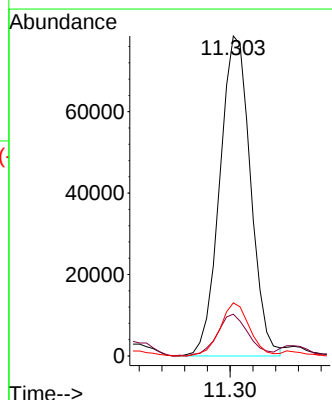
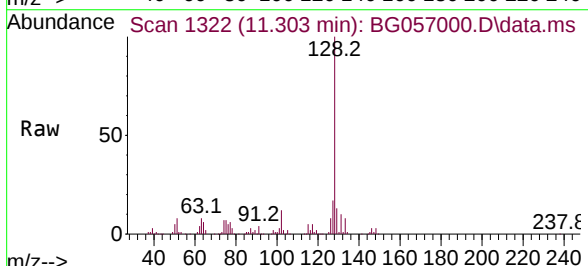
Tgt Ion:128 Resp: 147703

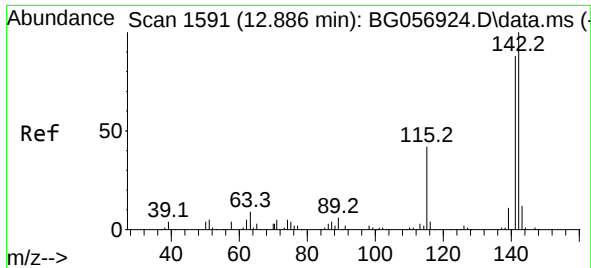
Ion Ratio Lower Upper

128 100

129 13.0 9.4 14.2

127 16.6 12.2 18.4

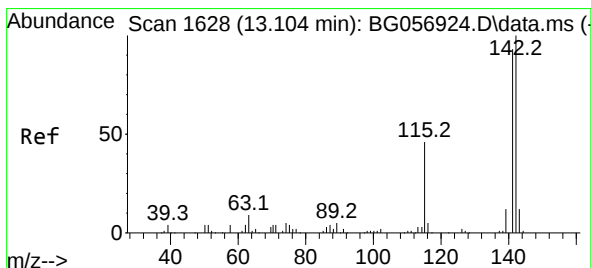
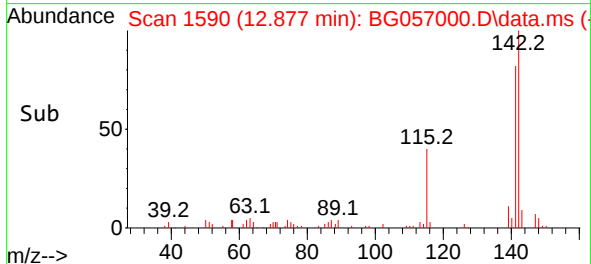
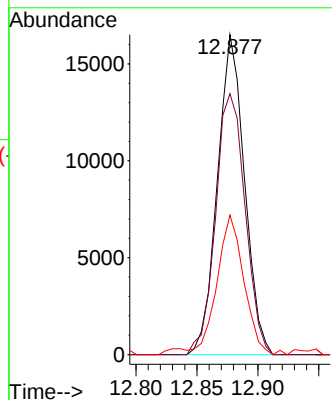
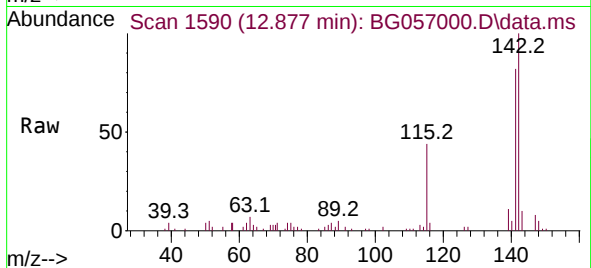




#37
2-Methylnaphthalene
Concen: 8.338 ng
RT: 12.877 min Scan# 1590
Delta R.T. -0.007 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

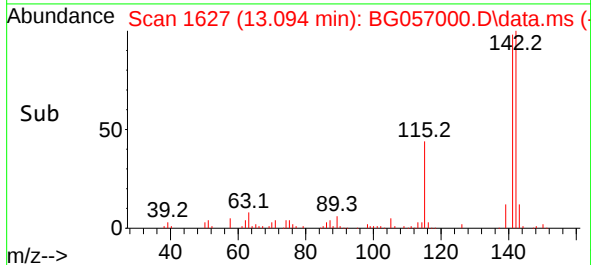
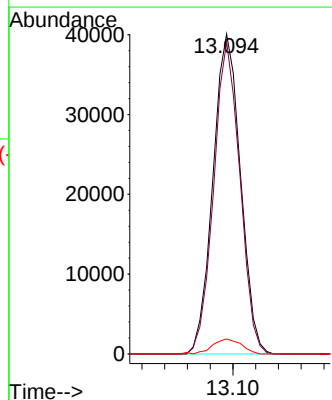
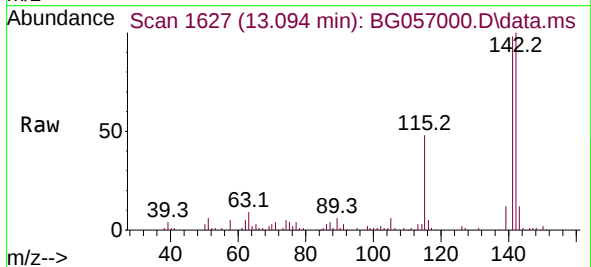
Instrument :
BNA_G
ClientSampleId :
MW-5BDL

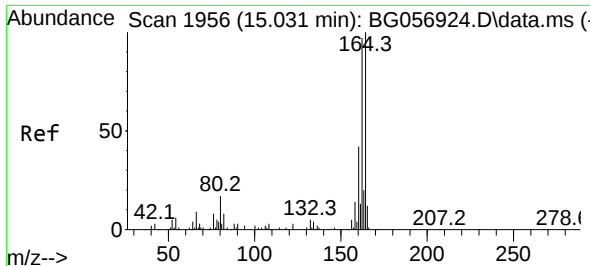
Tgt Ion:142 Resp: 25535
Ion Ratio Lower Upper
142 100
141 81.5 70.3 105.5
115 43.6 33.5 50.3



#38
1-Methylnaphthalene
Concen: 23.366 ng
RT: 13.094 min Scan# 1627
Delta R.T. -0.007 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

Tgt Ion:142 Resp: 67195
Ion Ratio Lower Upper
142 100
141 97.5 74.0 111.0
116 4.7 3.7 5.5

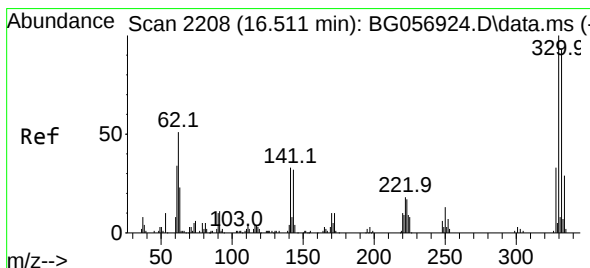
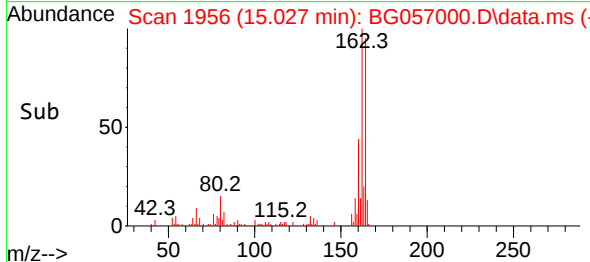
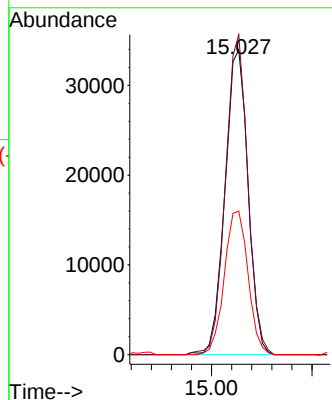
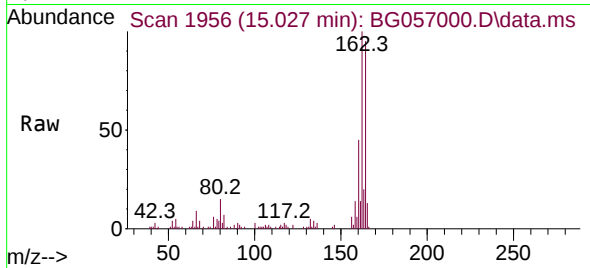




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.027 min Scan# 1956
Delta R.T. -0.007 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

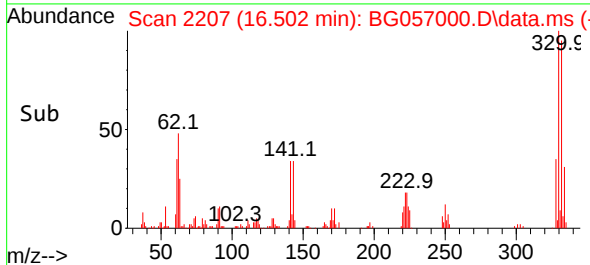
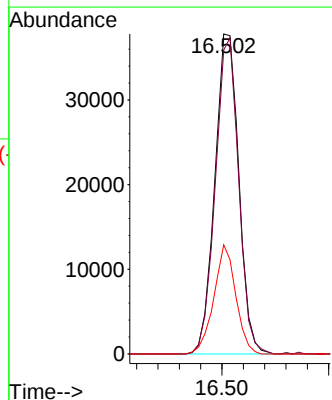
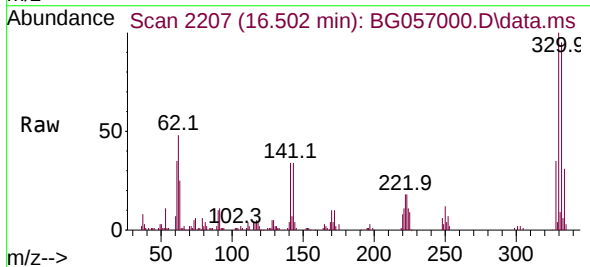
Instrument :
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ClientSampleId :
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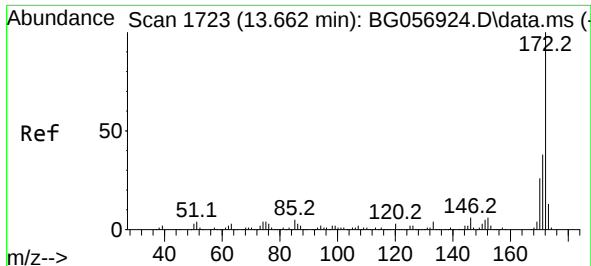
Tgt Ion:164 Resp: 54090
Ion Ratio Lower Upper
164 100
162 105.0 77.8 116.8
160 47.1 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 68.361 ng
RT: 16.502 min Scan# 2207
Delta R.T. -0.007 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

Tgt Ion:330 Resp: 59071
Ion Ratio Lower Upper
330 100
332 95.8 76.1 114.1
141 31.2 25.8 38.6

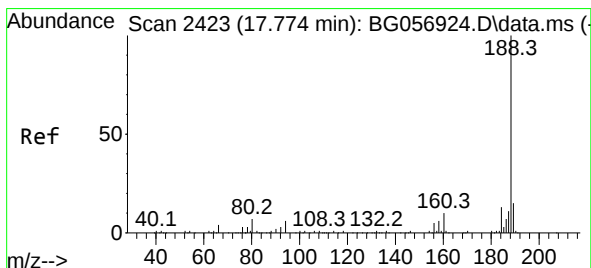
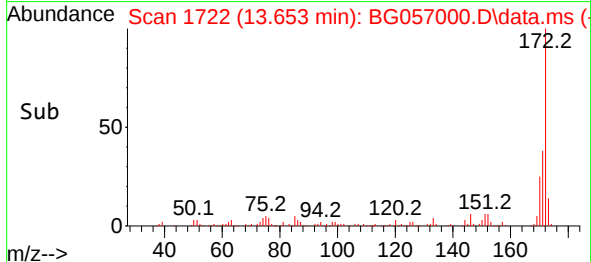
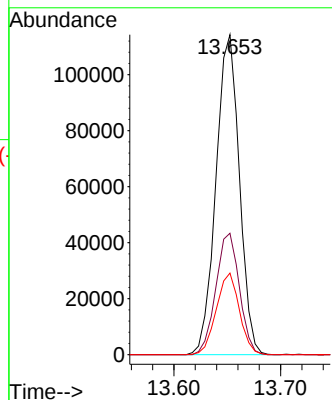
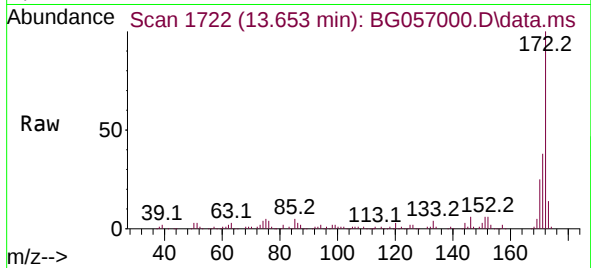




#45
2-Fluorobiphenyl
Concen: 43.700 ng
RT: 13.653 min Scan# 1722
Delta R.T. -0.001 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

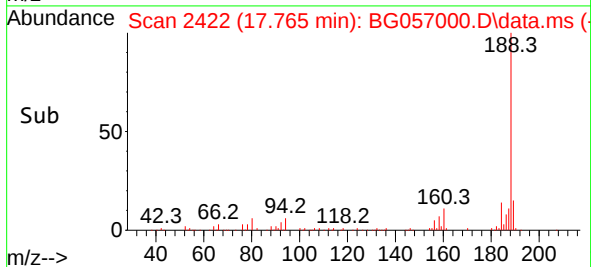
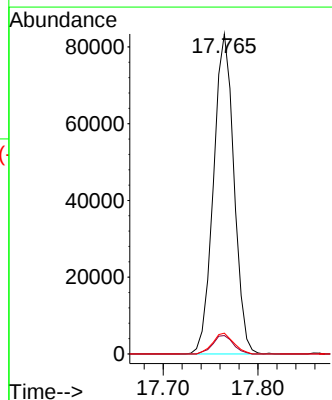
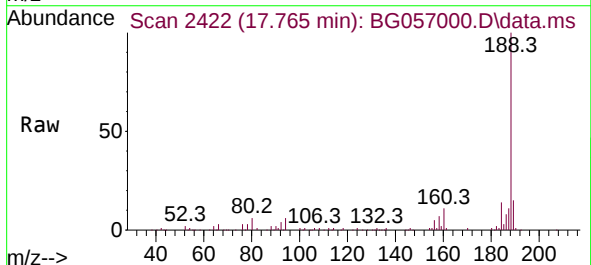
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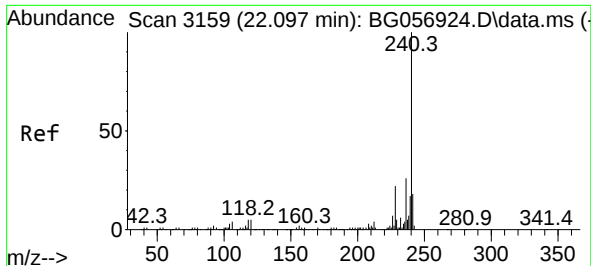
Tgt Ion:172 Resp: 174317
Ion Ratio Lower Upper
172 100
171 37.9 30.6 46.0
170 25.5 20.6 30.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.765 min Scan# 2422
Delta R.T. -0.001 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

Tgt Ion:188 Resp: 124871
Ion Ratio Lower Upper
188 100
94 5.7 4.6 6.8
80 6.5 5.5 8.3

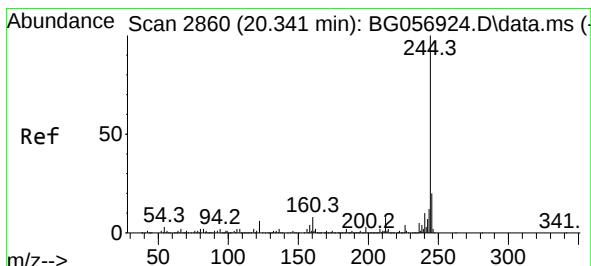
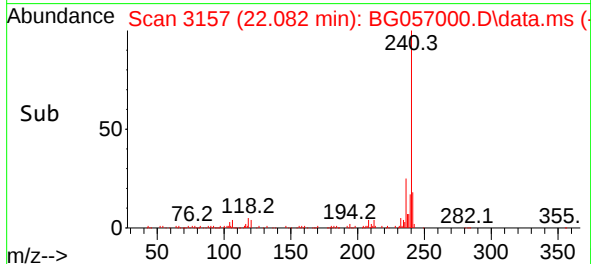
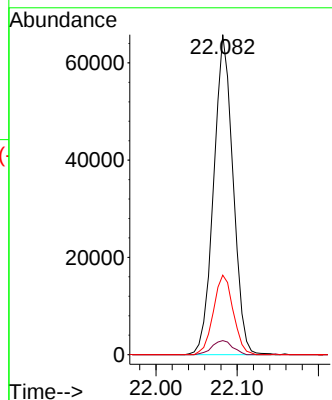
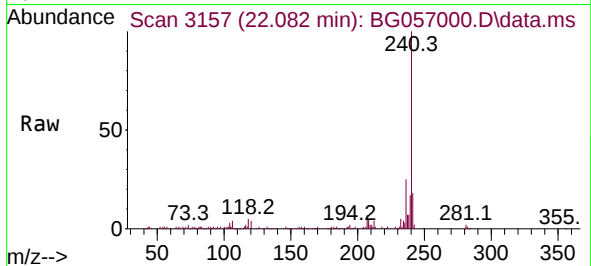




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.082 min Scan# 3159
Delta R.T. -0.013 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

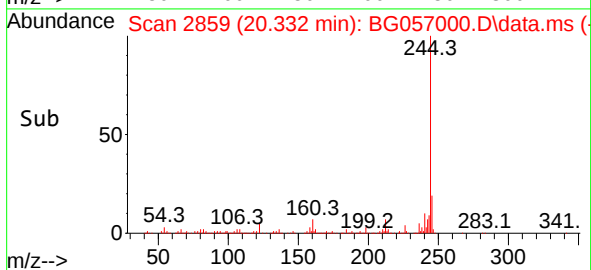
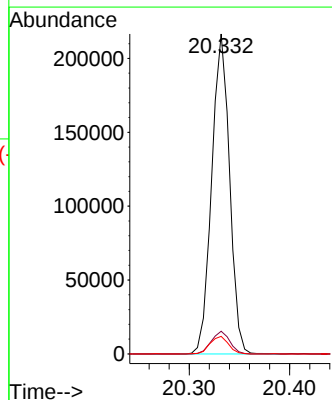
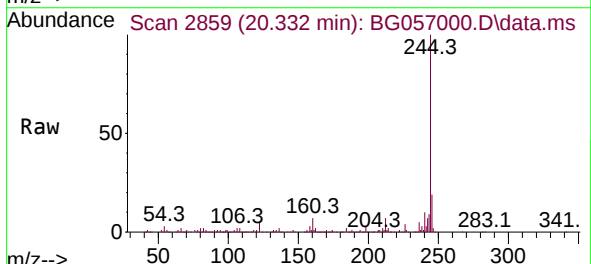
Instrument :
BNA_G
ClientSampleId :
MW-5BDL

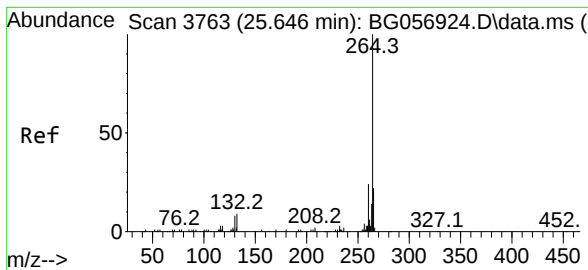
Tgt Ion:240 Resp: 108808
Ion Ratio Lower Upper
240 100
120 4.4 3.8 5.6
236 24.8 21.0 31.6



#79
Terphenyl-d14
Concen: 41.590 ng
RT: 20.332 min Scan# 2859
Delta R.T. -0.007 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

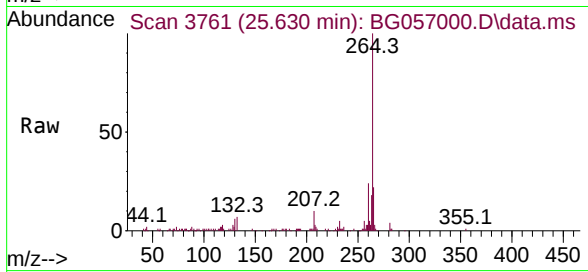
Tgt Ion:244 Resp: 267432
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 5.5 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.630 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BG057000.D
 Acq: 5 Apr 2023 21:23

Instrument :
 BNA_G
 ClientSampleId :
 MW-5BDL



Tgt Ion:264 Resp: 112712

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	22.1	17.8	26.6

