

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053123\
 Data File : BG057621.D
 Acq On : 31 May 2023 14:33
 Operator : CG/JU
 Sample : 02971-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB16

Quant Time: Jun 01 03:53:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.340	152	23154	20.000	ng	0.00
21) Naphthalene-d8	11.172	136	87819	20.000	ng	# 0.00
39) Acenaphthene-d10	14.955	164	57620	20.000	ng	0.00
64) Phenanthrene-d10	17.692	188	142330	20.000	ng	0.00
76) Chrysene-d12	21.998	240	142184	20.000	ng	0.00
86) Perylene-d12	25.488	264	156733	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.861	112	141669	106.298	ng	0.00
7) Phenol-d6	7.489	99	197884	94.875	ng	0.00
23) Nitrobenzene-d5	9.515	82	122662	65.293	ng	0.00
42) 2,4,6-Tribromophenol	16.441	330	87783	95.157	ng	0.00
45) 2-Fluorobiphenyl	13.580	172	267727	66.775	ng	0.00
79) Terphenyl-d14	20.265	244	494507	60.246	ng	0.00

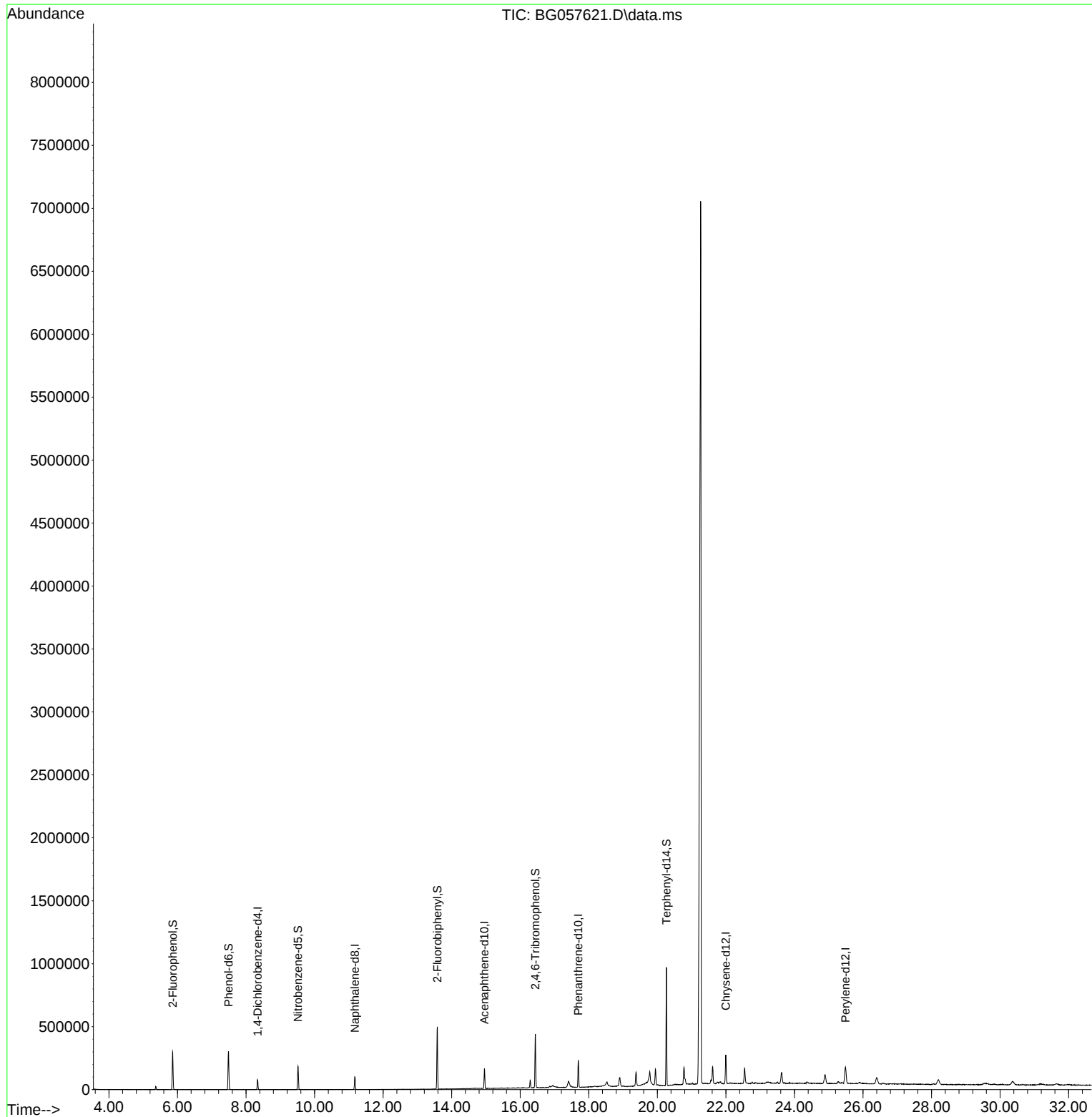
Target Compounds	Qvalue

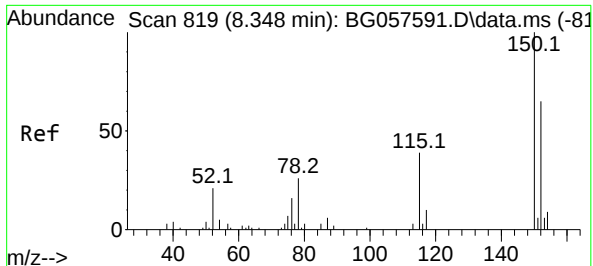
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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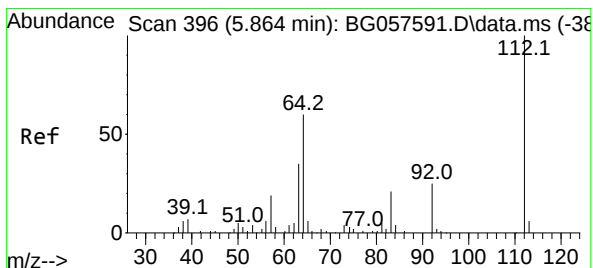
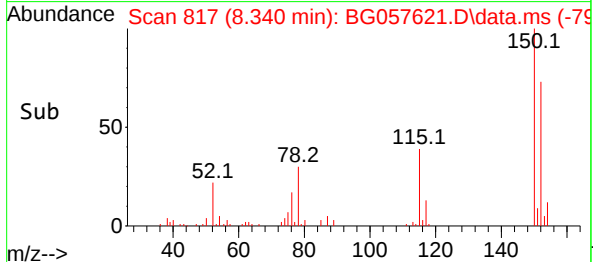
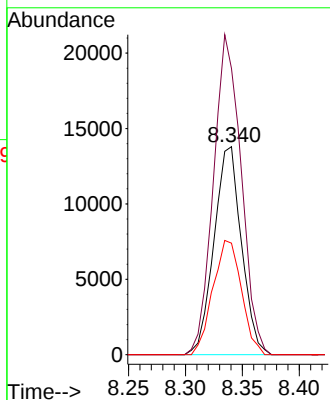
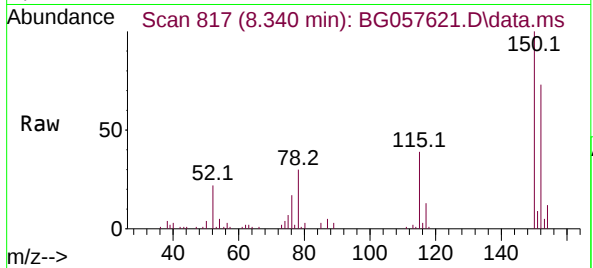




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.340 min Scan# 819
Delta R.T. 0.006 min
Lab File: BG057621.D
Acq: 31 May 2023 14:33

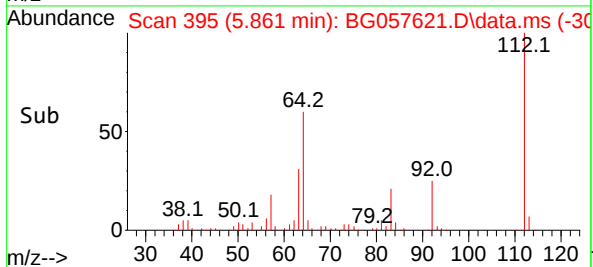
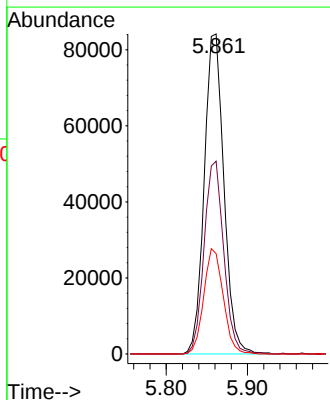
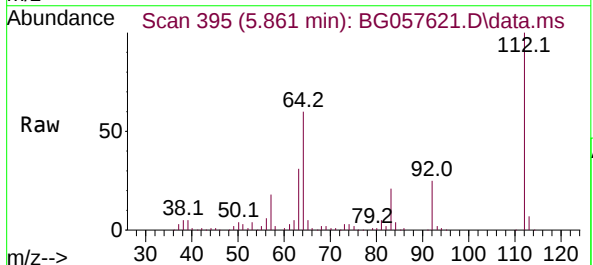
Instrument :
BNA_G
ClientSampleId :
SB16

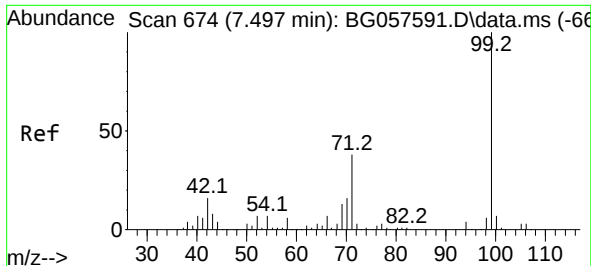
Tgt Ion:152 Resp: 23154
Ion Ratio Lower Upper
152 100
150 137.6 123.0 184.4
115 53.6 47.4 71.2



#5
2-Fluorophenol
Concen: 106.298 ng
RT: 5.861 min Scan# 395
Delta R.T. 0.007 min
Lab File: BG057621.D
Acq: 31 May 2023 14:33

Tgt Ion:112 Resp: 141669
Ion Ratio Lower Upper
112 100
64 60.3 47.8 71.6
63 31.3 27.8 41.8

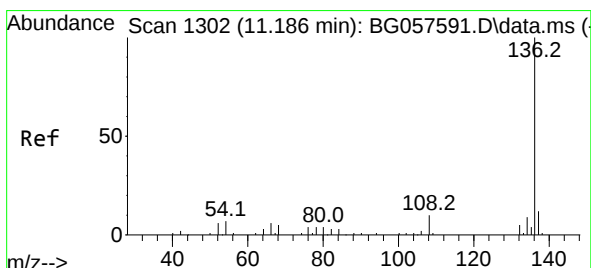
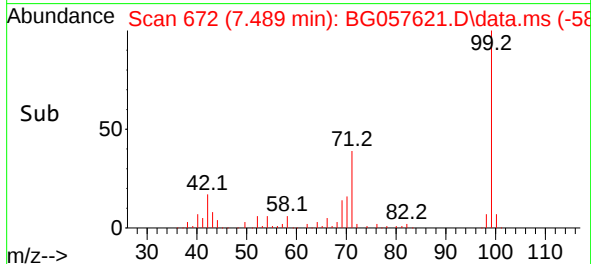
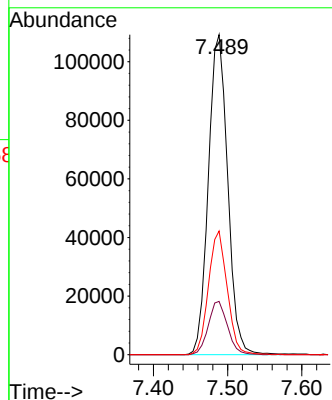
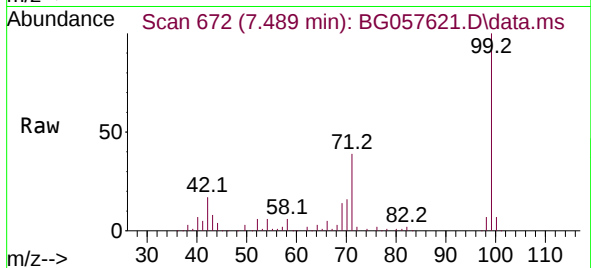




#7
Phenol-d6
Concen: 94.875 ng
RT: 7.489 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057621.D
Acq: 31 May 2023 14:33

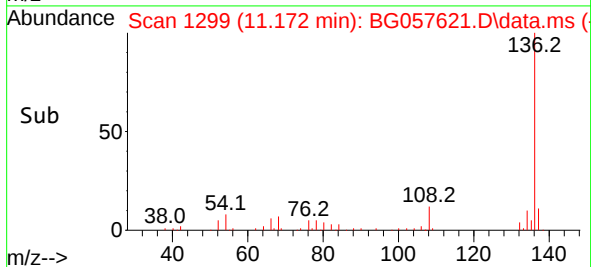
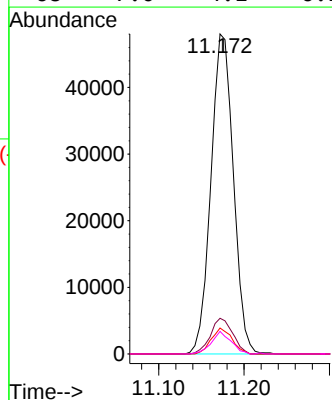
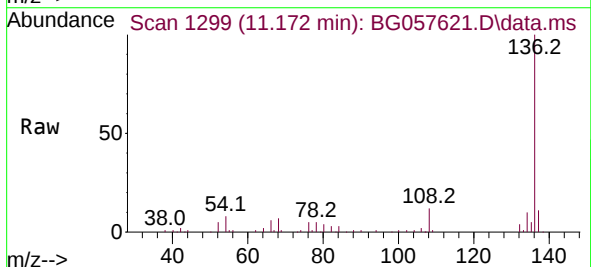
Instrument :
BNA_G
ClientSampleId :
SB16

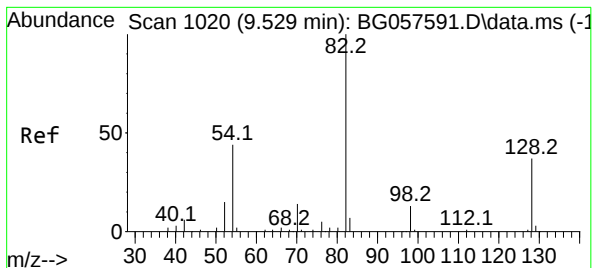
Tgt Ion: 99 Resp: 197884
Ion Ratio Lower Upper
99 100
42 16.6 12.8 19.2
71 38.6 30.3 45.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.172 min Scan# 1299
Delta R.T. -0.005 min
Lab File: BG057621.D
Acq: 31 May 2023 14:33

Tgt Ion:136 Resp: 87819
Ion Ratio Lower Upper
136 100
137 11.2 9.8 14.8
54 8.1 5.8 8.6
68 7.0 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 65.293 ng

RT: 9.515 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG057621.D

Acq: 31 May 2023 14:33

Instrument :

BNA_G

ClientSampleId :

SB16

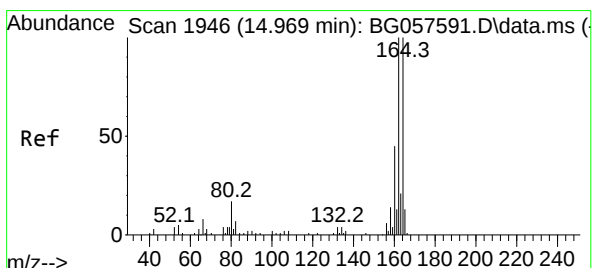
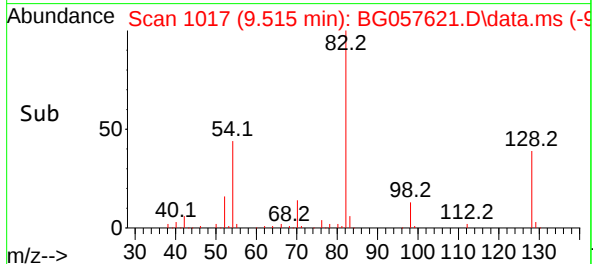
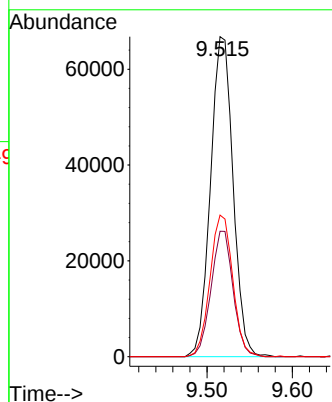
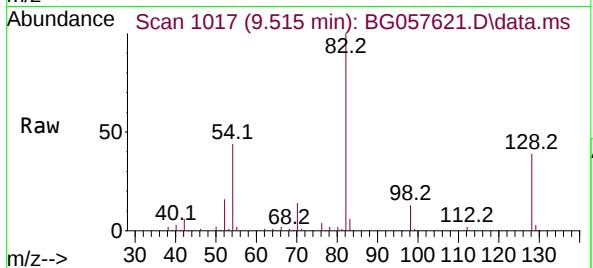
Tgt Ion: 82 Resp: 122662

Ion Ratio Lower Upper

82 100

128 39.2 30.0 45.0

54 44.3 35.2 52.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.955 min Scan# 1943

Delta R.T. -0.005 min

Lab File: BG057621.D

Acq: 31 May 2023 14:33

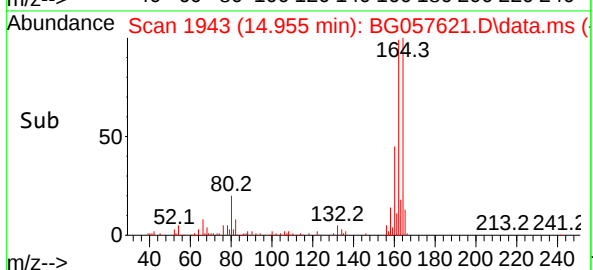
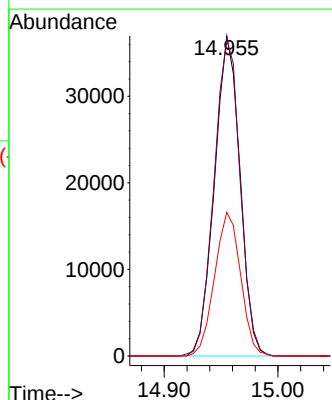
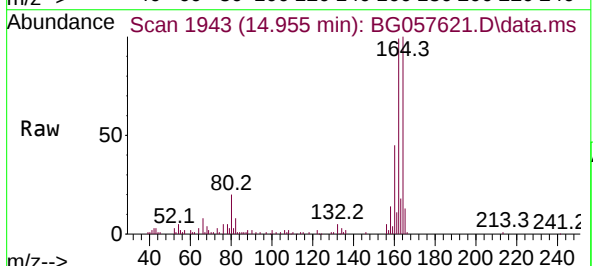
Tgt Ion:164 Resp: 57620

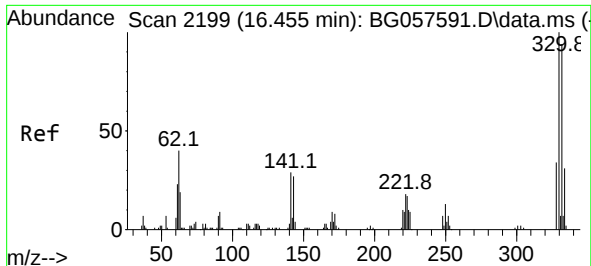
Ion Ratio Lower Upper

164 100

162 98.9 80.1 120.1

160 44.9 35.9 53.9

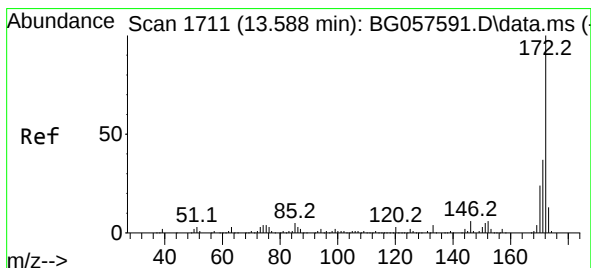
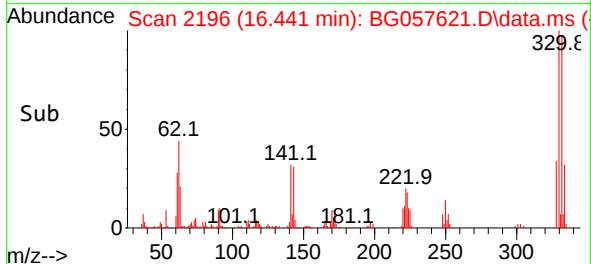
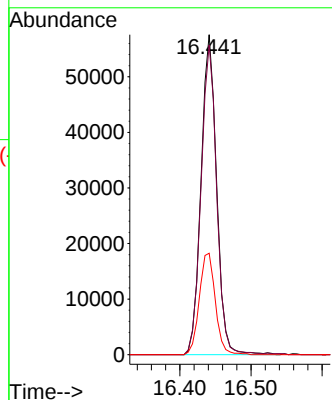
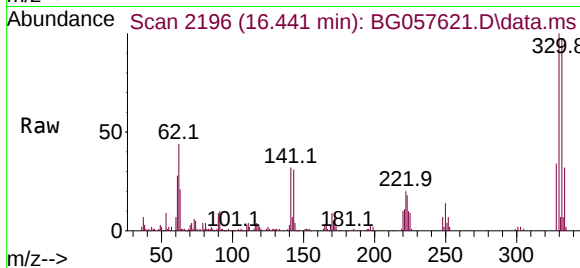




#42
2,4,6-Tribromophenol
Concen: 95.157 ng
RT: 16.441 min Scan# 2199
Delta R.T. -0.005 min
Lab File: BG057621.D
Acq: 31 May 2023 14:33

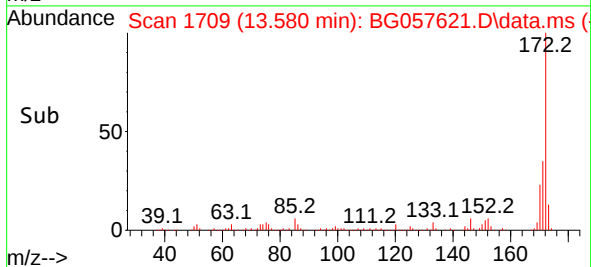
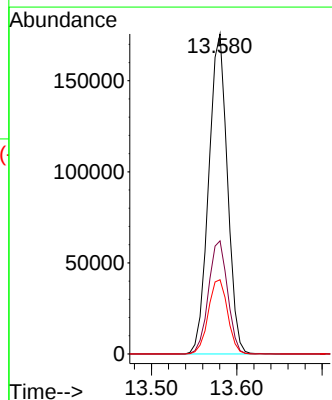
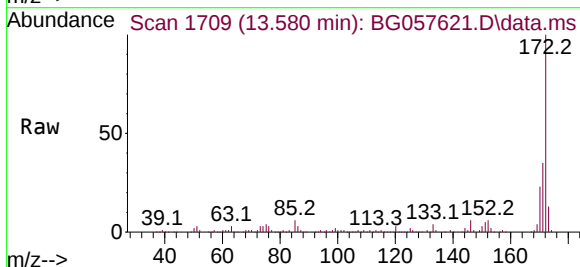
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BNA_G
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SB16

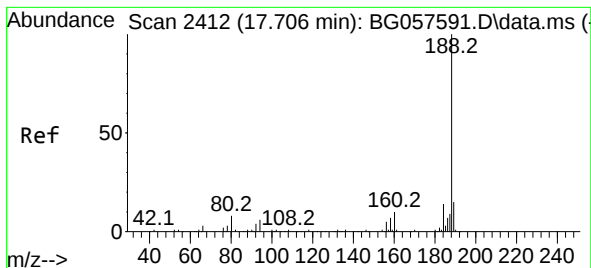
Tgt Ion:330 Resp: 87783
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 32.6 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 66.775 ng
RT: 13.580 min Scan# 1709
Delta R.T. 0.001 min
Lab File: BG057621.D
Acq: 31 May 2023 14:33

Tgt Ion:172 Resp: 267727
Ion Ratio Lower Upper
172 100
171 35.4 29.2 43.8
170 23.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.692 min Scan# 2412

Delta R.T. -0.005 min

Lab File: BG057621.D

Acq: 31 May 2023 14:33

Instrument :

BNA_G

ClientSampleId :

SB16

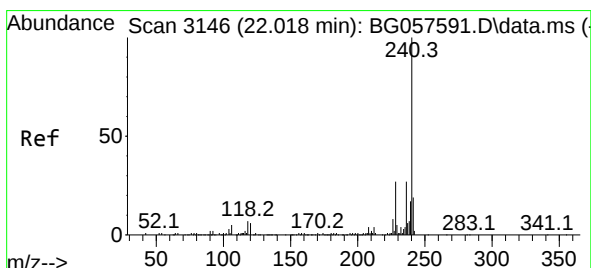
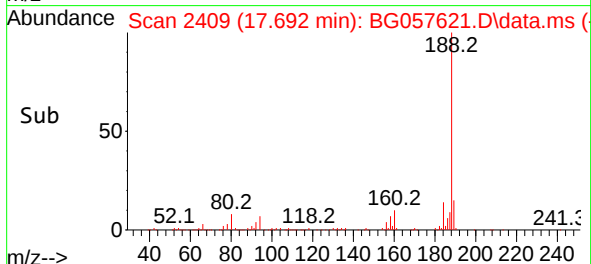
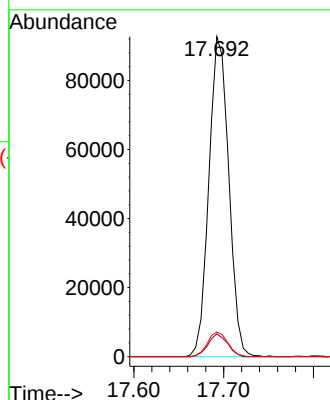
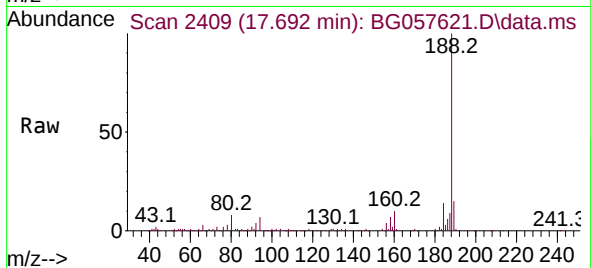
Tgt Ion:188 Resp: 142330

Ion Ratio Lower Upper

188 100

94 7.1 5.2 7.8

80 7.7 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.998 min Scan# 3142

Delta R.T. -0.005 min

Lab File: BG057621.D

Acq: 31 May 2023 14:33

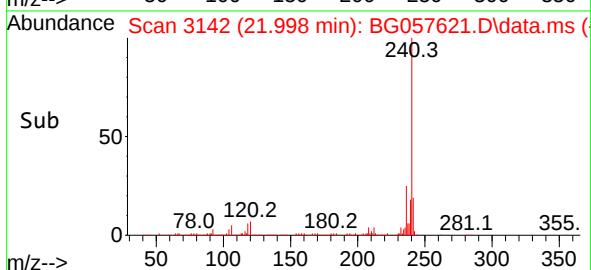
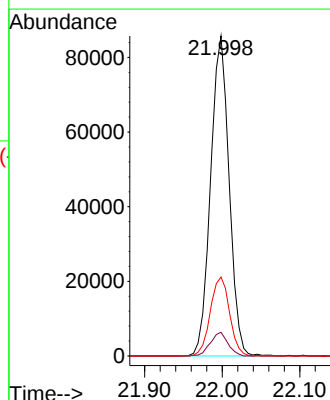
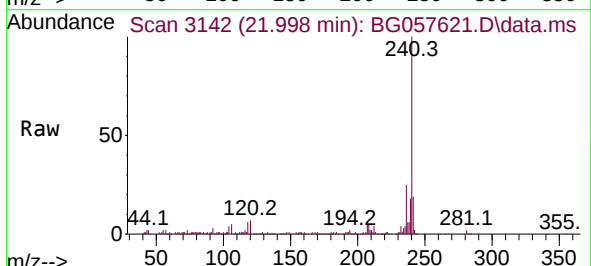
Tgt Ion:240 Resp: 142184

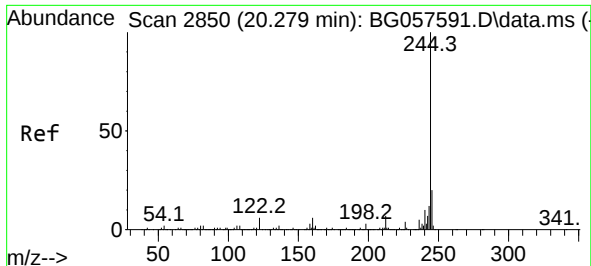
Ion Ratio Lower Upper

240 100

120 7.4 5.2 7.8

236 24.7 21.4 32.0

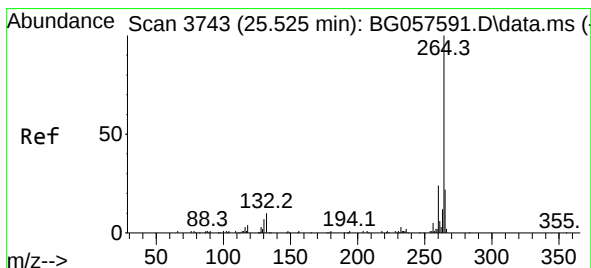
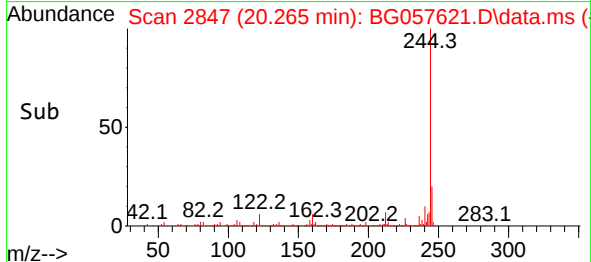
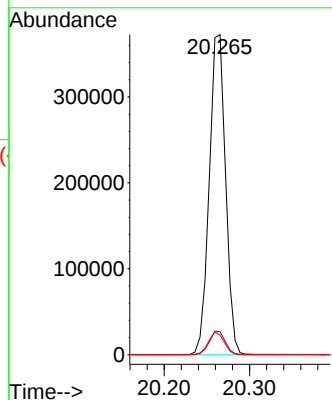
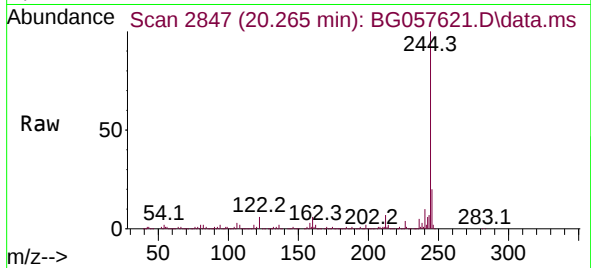




#79
 Terphenyl-d14
 Concen: 60.246 ng
 RT: 20.265 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG057621.D
 Acq: 31 May 2023 14:33

Instrument :
 BNA_G
 ClientSampleId :
 SB16

Tgt Ion:244 Resp: 494507
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 6.1 4.8 7.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.488 min Scan# 3736
 Delta R.T. -0.011 min
 Lab File: BG057621.D
 Acq: 31 May 2023 14:33

Tgt Ion:264 Resp: 156733
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.1 28.7
 265 21.3 17.7 26.5

