

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
 Data File : BG057496.D
 Acq On : 22 May 2023 16:33
 Operator : CG/JU
 Sample : PB152903BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152903BL

Quant Time: May 22 18:00:16 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	8.360	152	16934	20.000	ng	0.00
21) Naphthalene-d8	11.203	136	69796	20.000	ng	0.00
39) Acenaphthene-d10	14.974	164	57433	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	160795	20.000	ng	0.00
76) Chrysene-d12	22.018	240	134623	20.000	ng	0.00
86) Perylene-d12	25.519	264	143915	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.881	112	141336	142.772	ng	0.00
7) Phenol-d6	7.502	99	211251	140.529	ng	0.00
23) Nitrobenzene-d5	9.541	82	136783	82.252	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	129771	159.245	ng	0.00
45) 2-Fluorobiphenyl	13.600	172	373033	87.476	ng	0.00
79) Terphenyl-d14	20.285	244	830090	100.625	ng	0.00

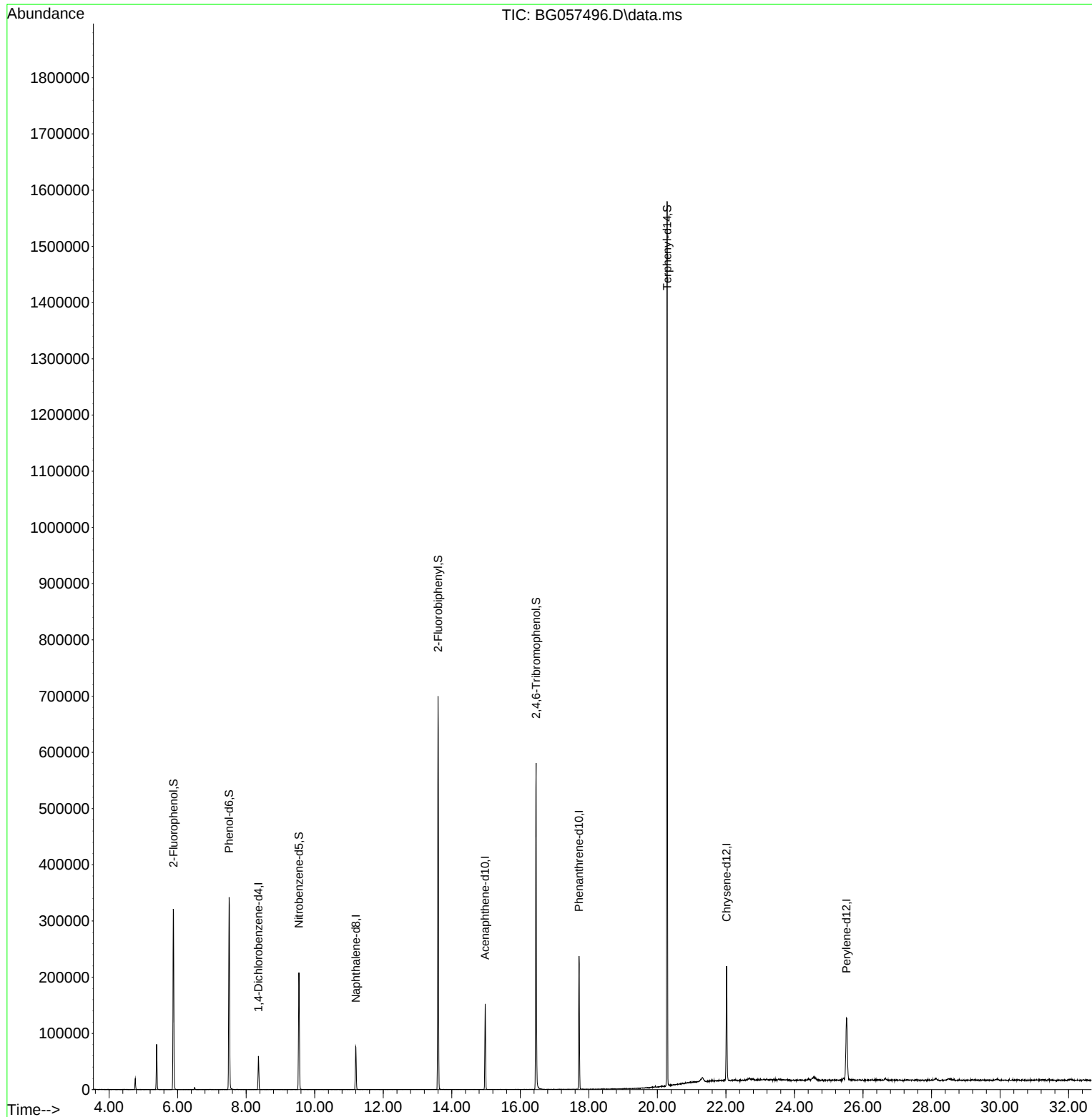
Target Compounds	Qvalue

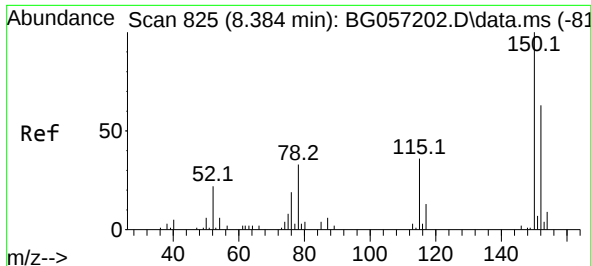
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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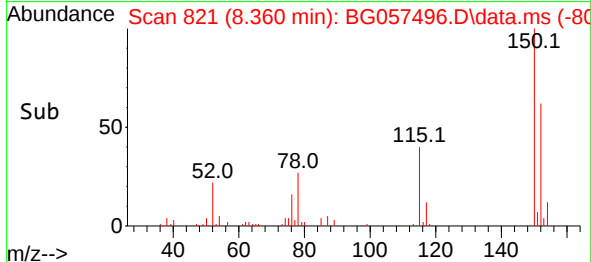
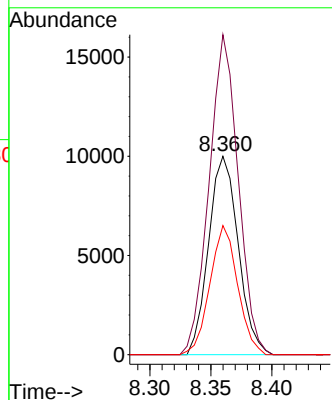
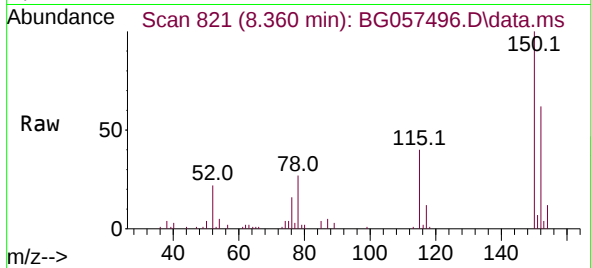




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.360 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057496.D
Acq: 22 May 2023 16:33

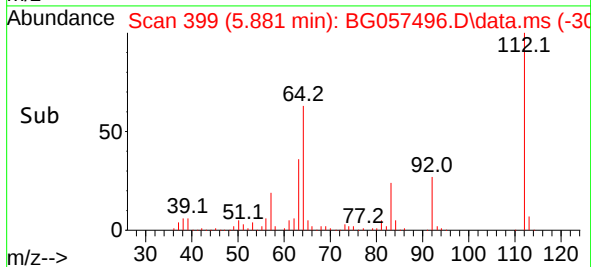
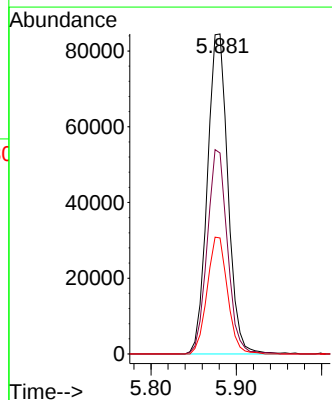
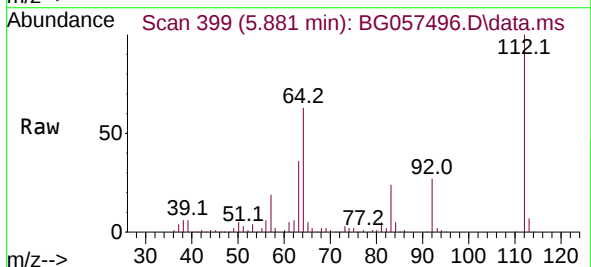
Instrument :
BNA_G
ClientSampleId :
PB152903BL

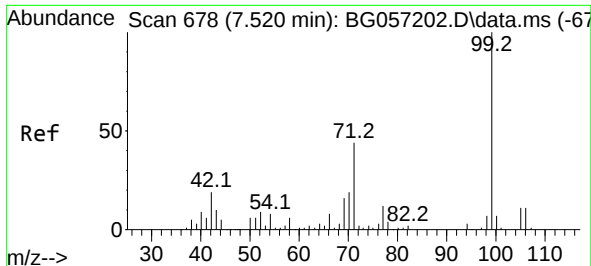
Tgt Ion:152 Resp: 16934
Ion Ratio Lower Upper
152 100
150 161.2 126.2 189.4
115 65.1 45.0 67.4



#5
2-Fluorophenol
Concen: 142.772 ng
RT: 5.881 min Scan# 399
Delta R.T. 0.010 min
Lab File: BG057496.D
Acq: 22 May 2023 16:33

Tgt Ion:112 Resp: 141336
Ion Ratio Lower Upper
112 100
64 62.8 49.4 74.2
63 36.3 31.6 47.4

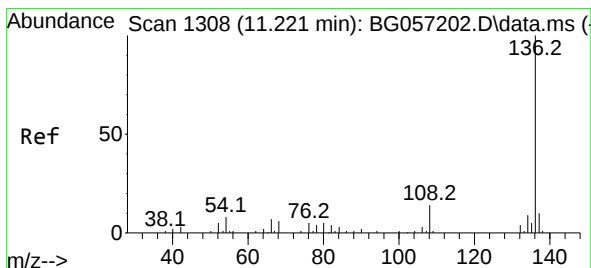
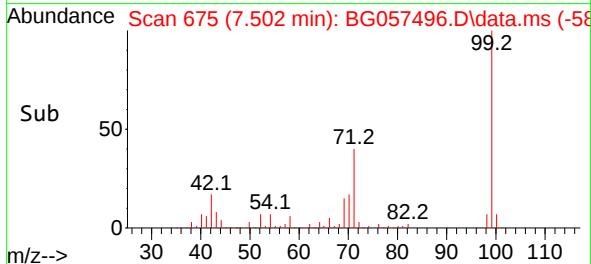
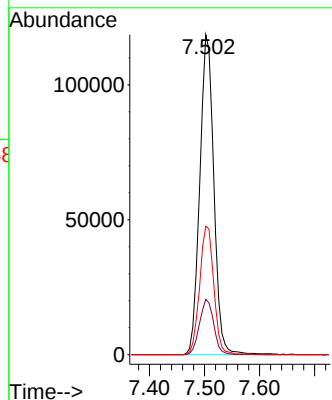
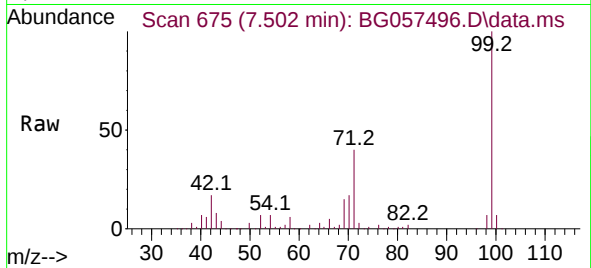




#7
Phenol-d6
Concen: 140.529 ng
RT: 7.502 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG057496.D
Acq: 22 May 2023 16:33

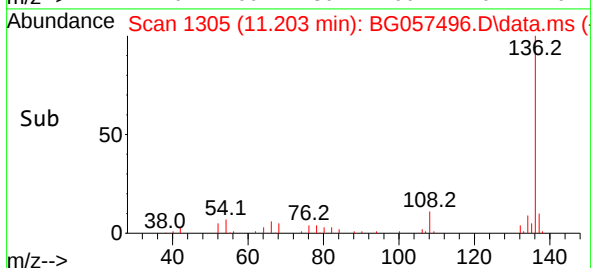
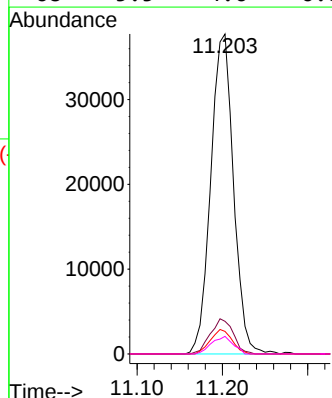
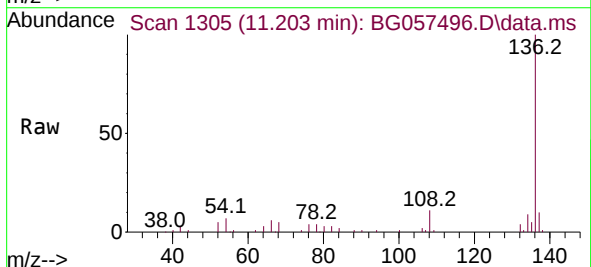
Instrument :
BNA_G
ClientSampleId :
PB152903BL

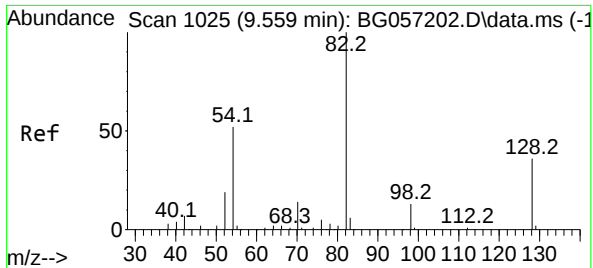
Tgt Ion: 99 Resp: 211251
Ion Ratio Lower Upper
99 100
42 17.3 15.1 22.7
71 40.2 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.203 min Scan# 1305
Delta R.T. 0.004 min
Lab File: BG057496.D
Acq: 22 May 2023 16:33

Tgt Ion: 136 Resp: 69796
Ion Ratio Lower Upper
136 100
137 10.2 8.3 12.5
54 7.1 6.7 10.1
68 5.5 4.6 6.8

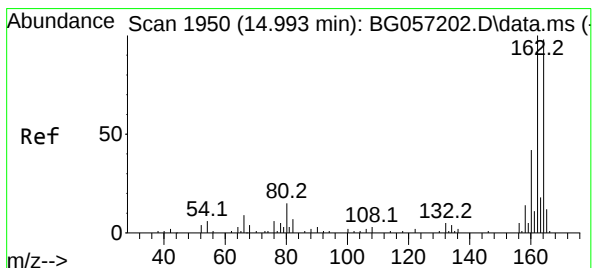
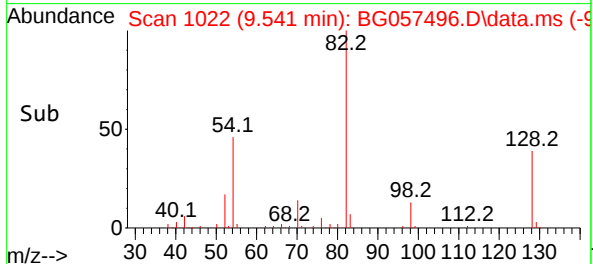
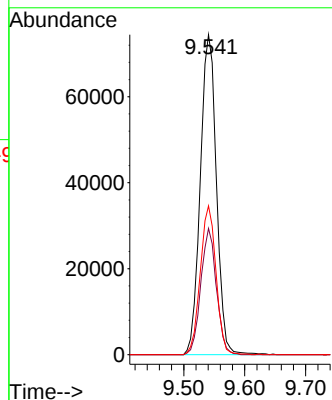
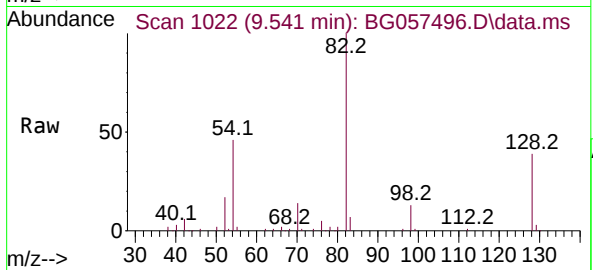




#23
Nitrobenzene-d5
Concen: 82.252 ng
RT: 9.541 min Scan# 1025
Delta R.T. 0.004 min
Lab File: BG057496.D
Acq: 22 May 2023 16:33

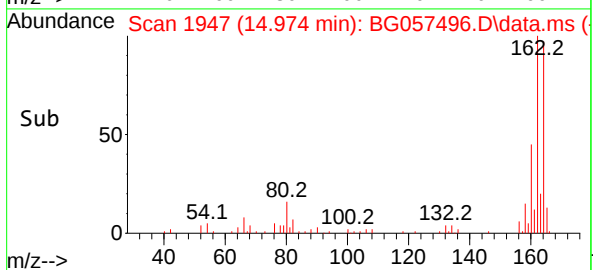
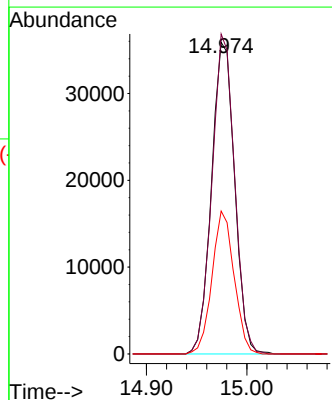
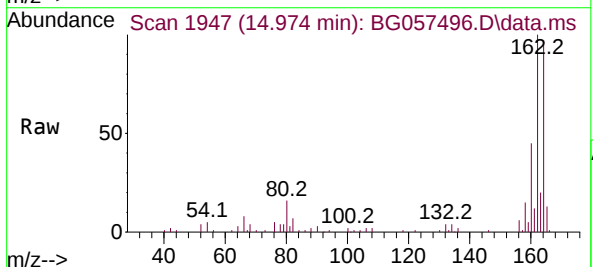
Instrument :
BNA_G
ClientSampleId :
PB152903BL

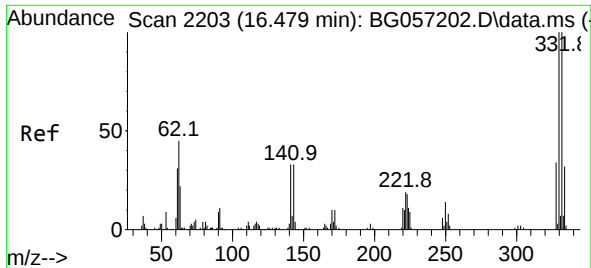
Tgt Ion: 82 Resp: 136783
Ion Ratio Lower Upper
82 100
128 39.5 29.0 43.4
54 46.5 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.974 min Scan# 1947
Delta R.T. -0.002 min
Lab File: BG057496.D
Acq: 22 May 2023 16:33

Tgt Ion:164 Resp: 57433
Ion Ratio Lower Upper
164 100
162 102.7 81.8 122.6
160 45.8 34.6 52.0

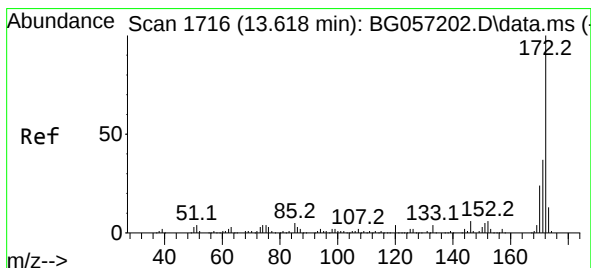
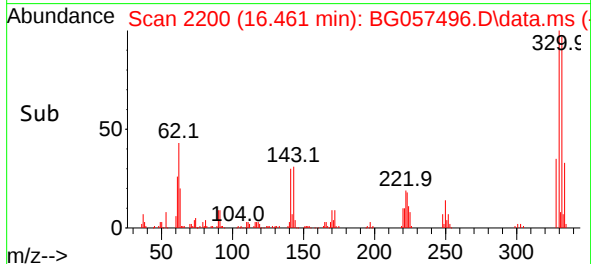
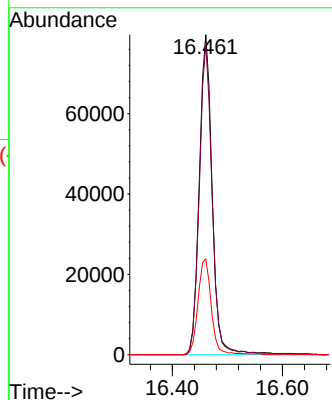
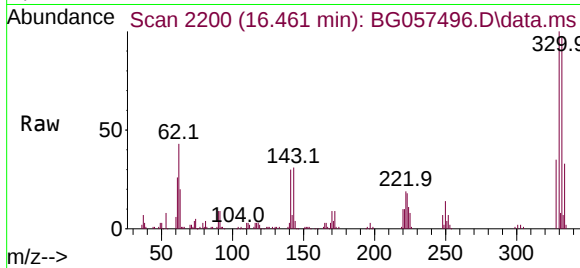




#42
2,4,6-Tribromophenol
Concen: 159.245 ng
RT: 16.461 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG057496.D
Acq: 22 May 2023 16:33

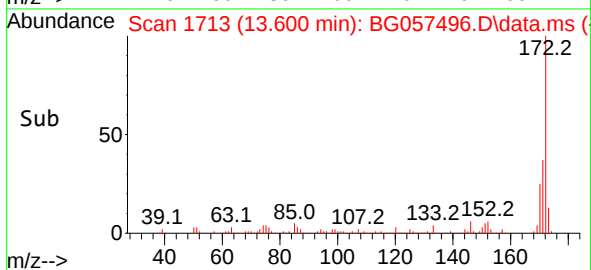
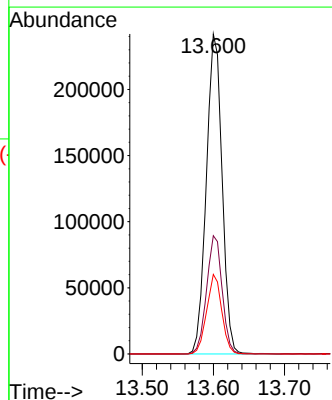
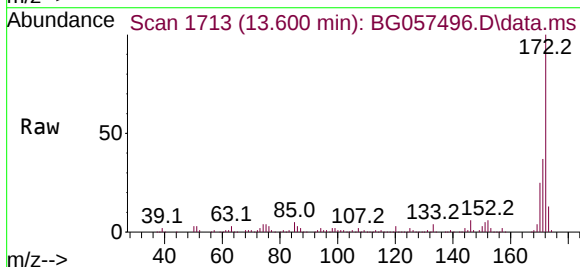
Instrument :
BNA_G
ClientSampleId :
PB152903BL

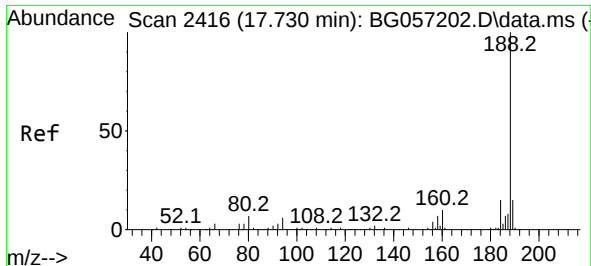
Tgt Ion:330 Resp: 129771
Ion Ratio Lower Upper
330 100
332 96.5 78.2 117.2
141 30.8 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 87.476 ng
RT: 13.600 min Scan# 1713
Delta R.T. -0.002 min
Lab File: BG057496.D
Acq: 22 May 2023 16:33

Tgt Ion:172 Resp: 373033
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 24.8 19.0 28.6

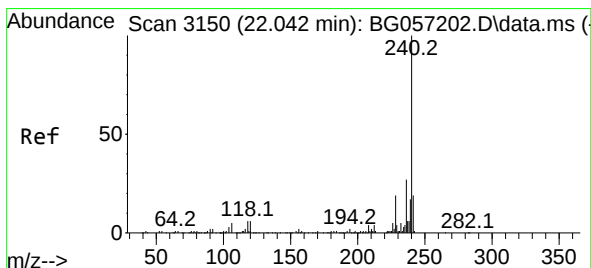
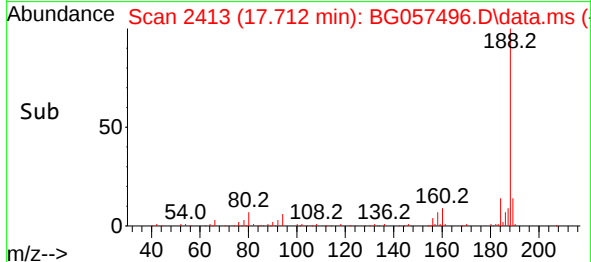
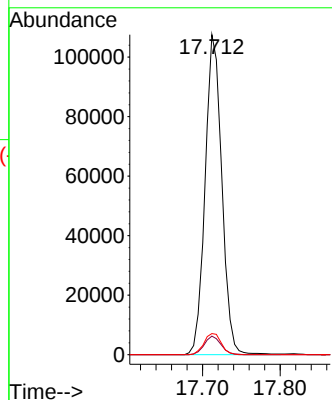
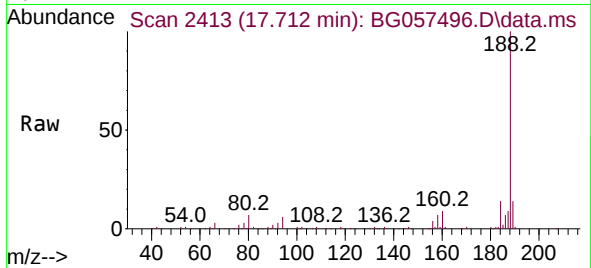




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.712 min Scan# 2416
Delta R.T. -0.002 min
Lab File: BG057496.D
Acq: 22 May 2023 16:33

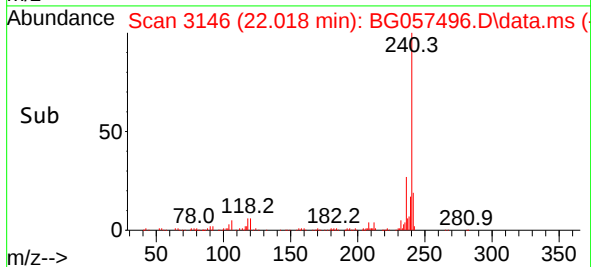
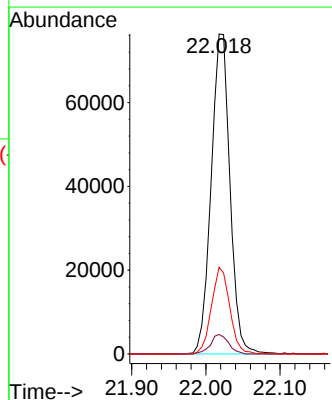
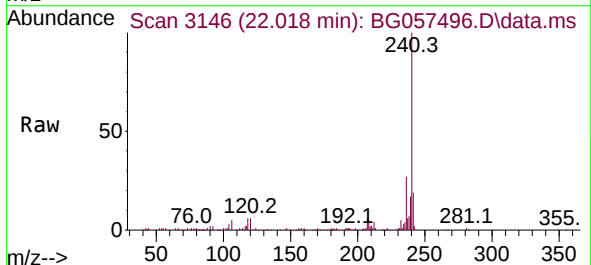
Instrument :
BNA_G
ClientSampleId :
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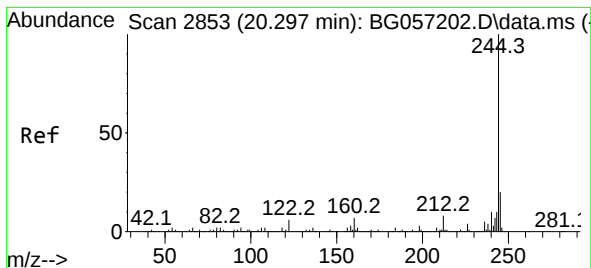
Tgt Ion:188 Resp: 160795
Ion Ratio Lower Upper
188 100
94 5.8 5.1 7.7
80 6.6 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.018 min Scan# 3146
Delta R.T. -0.002 min
Lab File: BG057496.D
Acq: 22 May 2023 16:33

Tgt Ion:240 Resp: 134623
Ion Ratio Lower Upper
240 100
120 6.1 4.9 7.3
236 27.1 21.4 32.2





#79

Terphenyl-d14

Concen: 100.625 ng

RT: 20.285 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG057496.D

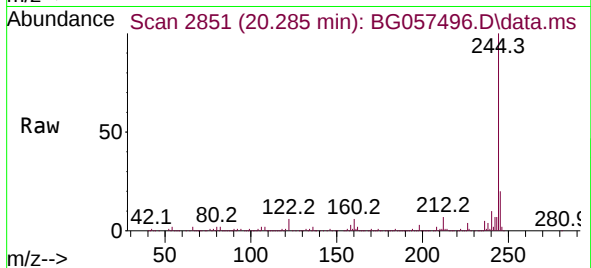
Acq: 22 May 2023 16:33

Instrument :

BNA_G

ClientSampleId :

PB152903BL



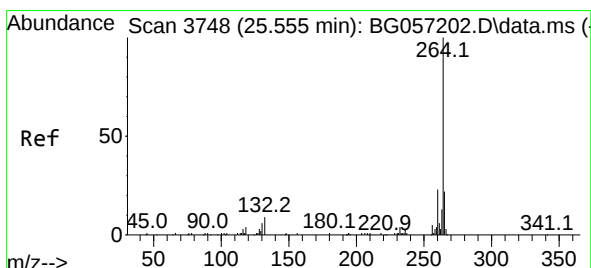
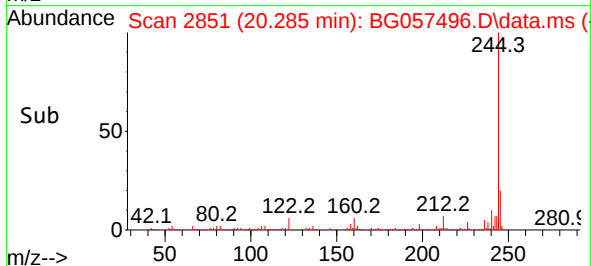
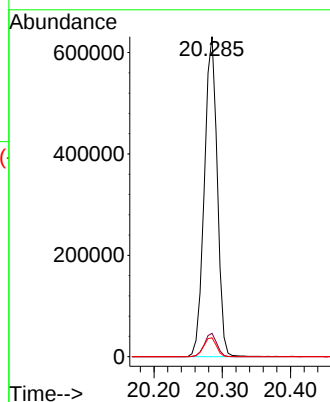
Tgt Ion:244 Resp: 830090

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 5.9 5.1 7.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.519 min Scan# 3742

Delta R.T. 0.004 min

Lab File: BG057496.D

Acq: 22 May 2023 16:33

Tgt Ion:264 Resp: 143915

Ion Ratio Lower Upper

264 100

260 23.0 18.8 28.2

265 21.2 17.9 26.9

