

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
 Data File : BG060754.D
 Acq On : 3 Apr 2024 2:12
 Operator : MA/JU
 Sample : P1900-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-1

Quant Time: Apr 03 03:22:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

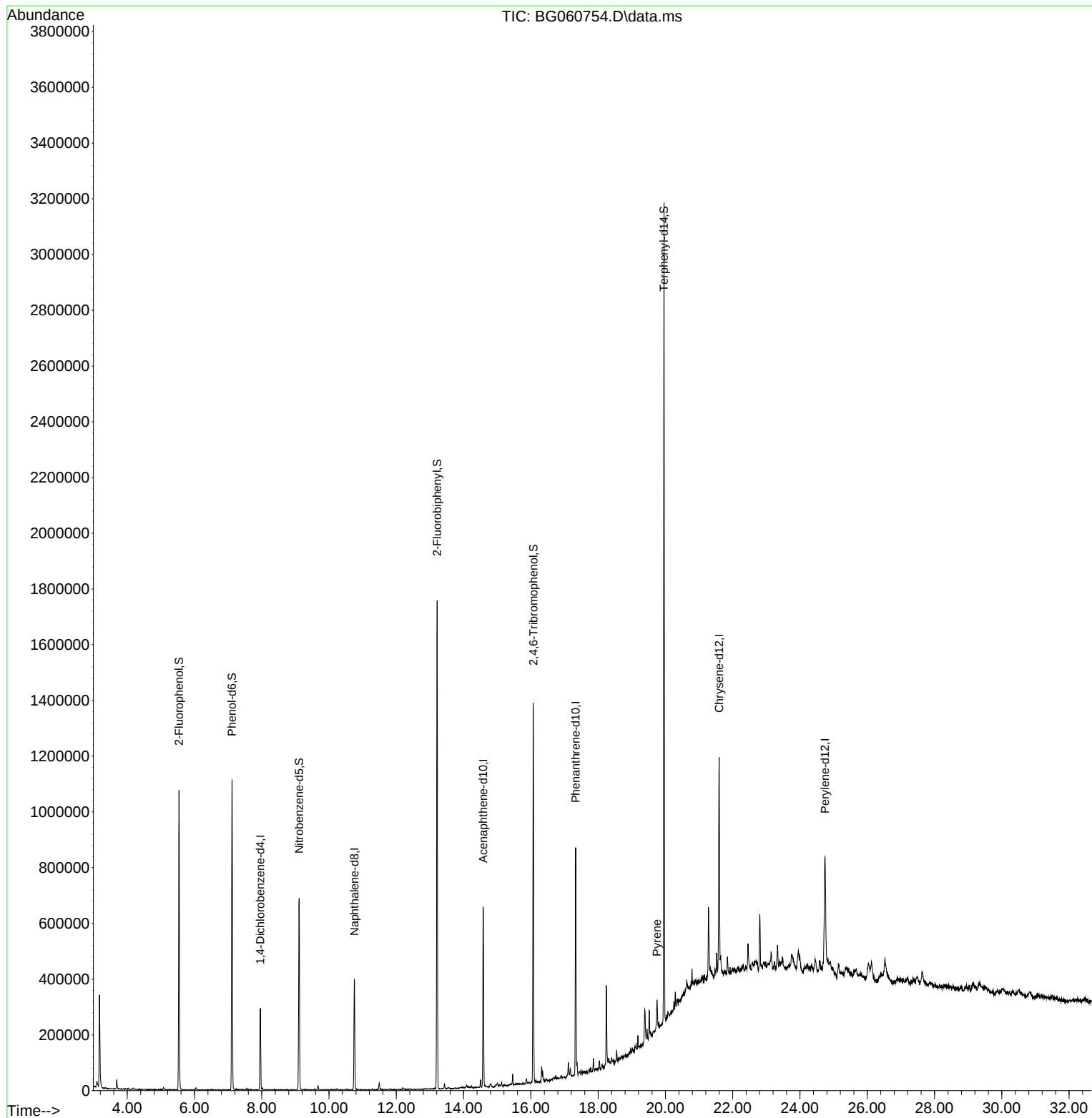
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	79911	20.000	ng	0.00
21) Naphthalene-d8	10.756	136	322186	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	231678	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	504358	20.000	ng	0.00
76) Chrysene-d12	21.596	240	451581	20.000	ng	0.00
86) Perylene-d12	24.745	264	518714	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	423369	88.259	ng	0.00
7) Phenol-d6	7.113	99	581173	81.620	ng	0.00
23) Nitrobenzene-d5	9.111	82	373338	66.121	ng	0.00
42) 2,4,6-Tribromophenol	16.073	330	260023	98.871	ng	0.00
45) 2-Fluorobiphenyl	13.212	172	915286	57.981	ng	0.00
79) Terphenyl-d14	19.957	244	1429717	55.748	ng	0.00
Target Compounds						
78) Pyrene	19.745	202	63980	2.026	ng	97

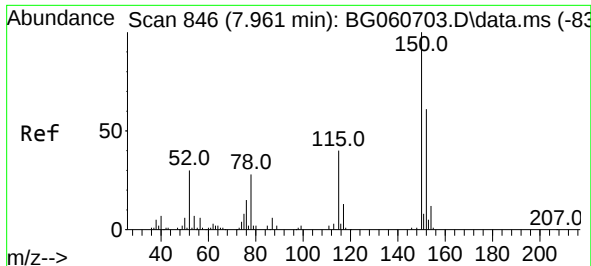
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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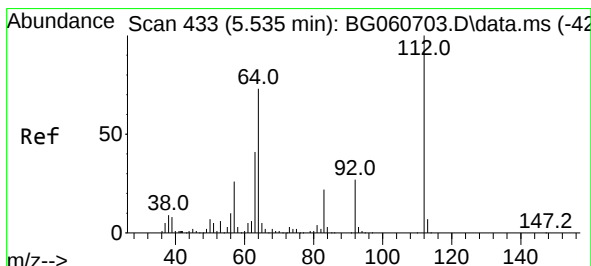
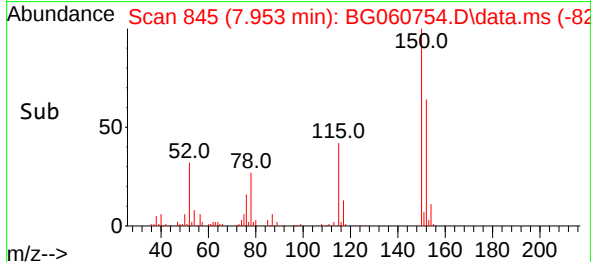
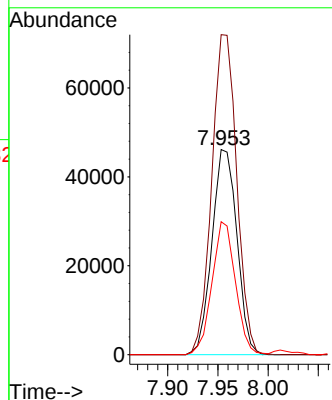
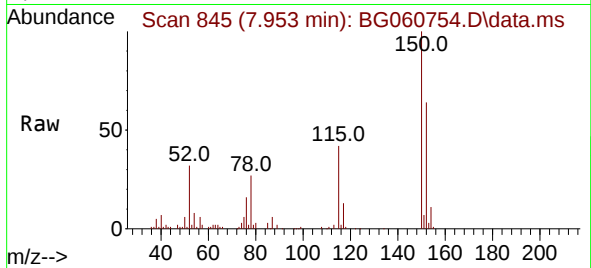




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 846
Delta R.T. -0.008 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

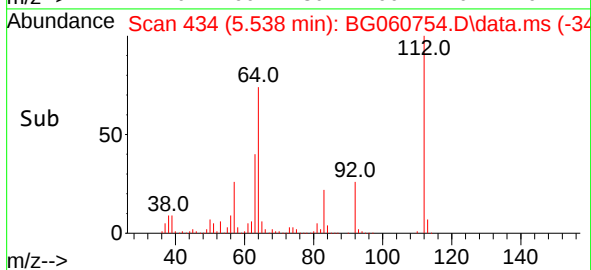
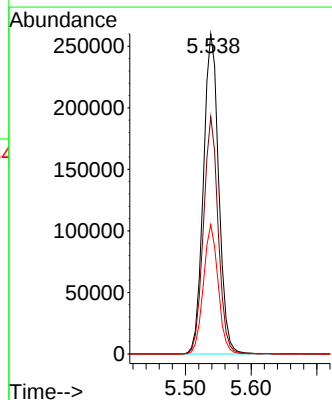
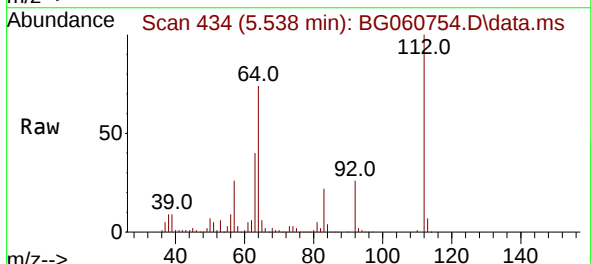
Instrument :
BNA_G
ClientSampleId :
SS-1

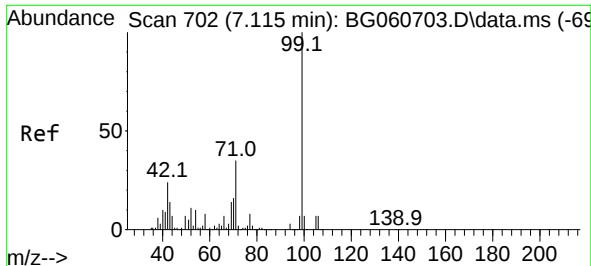
Tgt Ion:152 Resp: 79911
Ion Ratio Lower Upper
152 100
150 156.1 130.2 195.4
115 64.9 51.6 77.4



#5
2-Fluorophenol
Concen: 88.259 ng
RT: 5.538 min Scan# 434
Delta R.T. 0.004 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

Tgt Ion:112 Resp: 423369
Ion Ratio Lower Upper
112 100
64 74.2 58.4 87.6
63 40.4 32.7 49.1

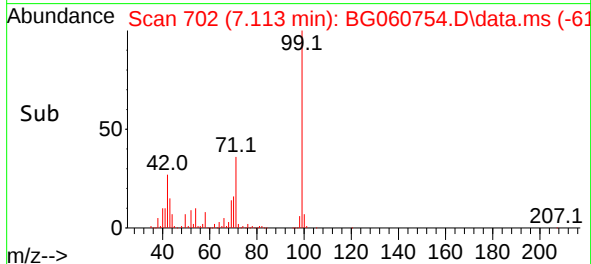
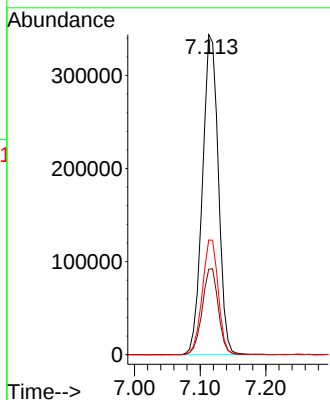
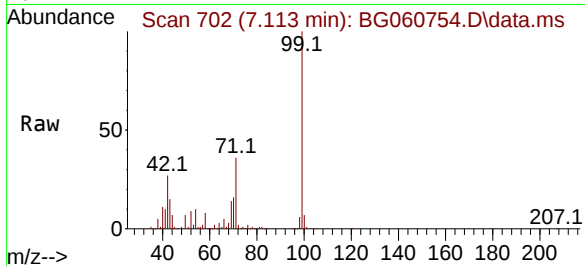




#7
Phenol-d6
Concen: 81.620 ng
RT: 7.113 min Scan# 702
Delta R.T. -0.002 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

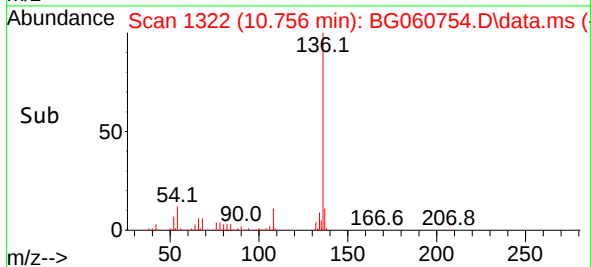
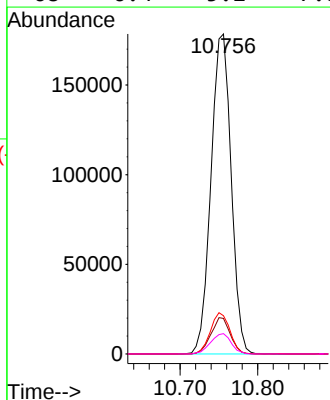
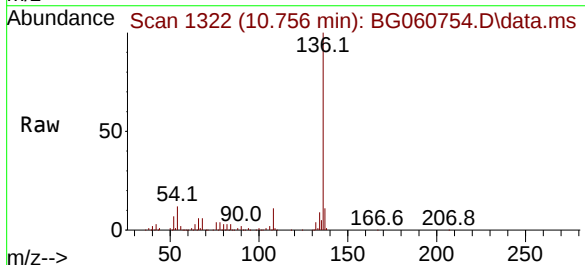
Instrument :
BNA_G
ClientSampleId :
SS-1

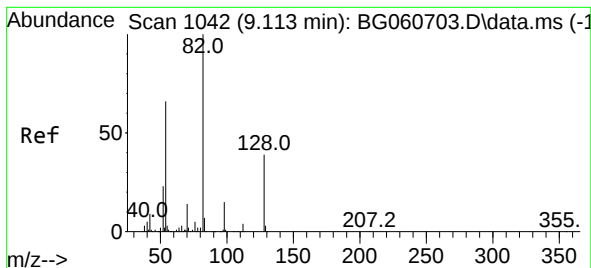
Tgt Ion: 99 Resp: 581173
Ion Ratio Lower Upper
99 100
42 26.7 19.4 29.2
71 35.9 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.756 min Scan# 1322
Delta R.T. -0.002 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

Tgt Ion: 136 Resp: 322186
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.9 10.2 15.2
68 6.4 5.2 7.8





#23

Nitrobenzene-d5

Concen: 66.121 ng

RT: 9.111 min Scan# 1042

Delta R.T. -0.002 min

Lab File: BG060754.D

Acq: 3 Apr 2024 2:12

Instrument :

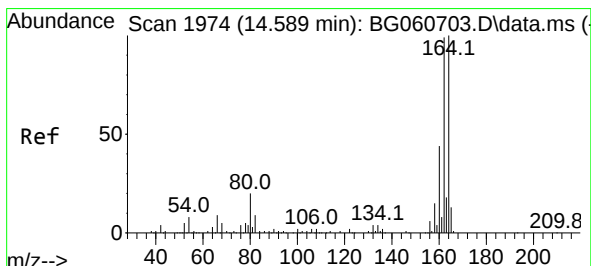
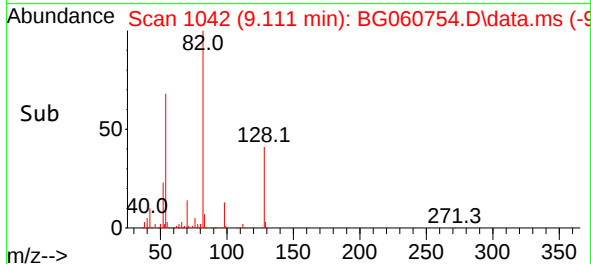
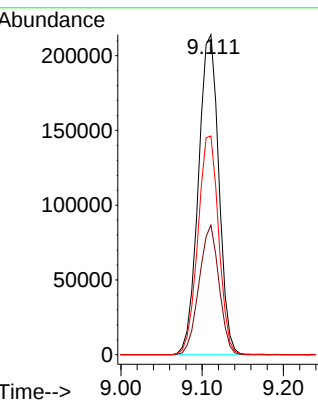
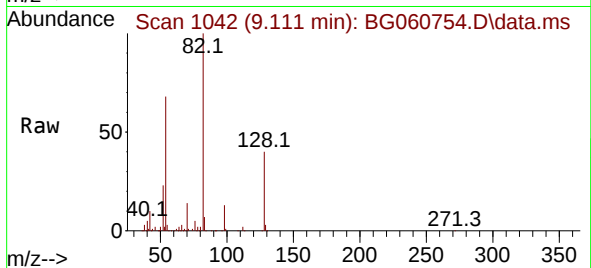
BNA_G

ClientSampleId :

SS-1

Tgt Ion: 82 Resp: 373338

Ion	Ratio	Lower	Upper
82	100		
128	40.5	31.2	46.8
54	68.3	53.2	79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.581 min Scan# 1973

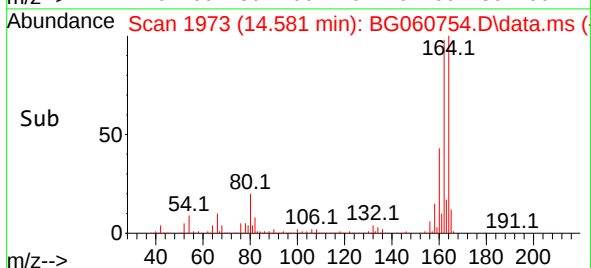
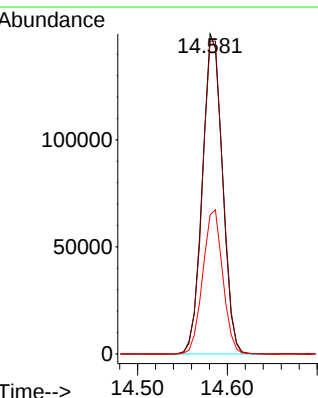
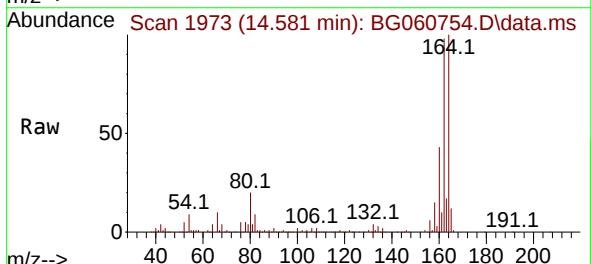
Delta R.T. -0.008 min

Lab File: BG060754.D

Acq: 3 Apr 2024 2:12

Tgt Ion: 164 Resp: 231678

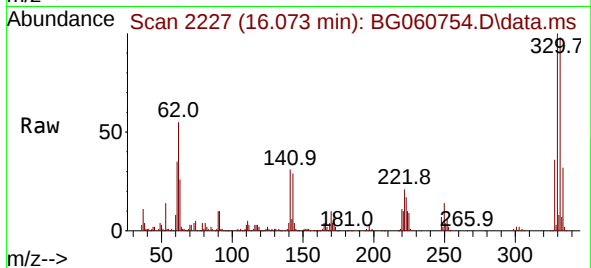
Ion	Ratio	Lower	Upper
164	100		
162	97.8	79.5	119.3
160	43.4	35.4	53.0



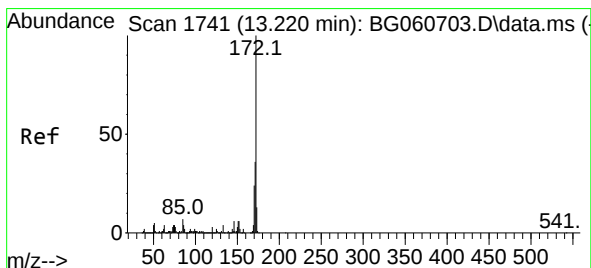
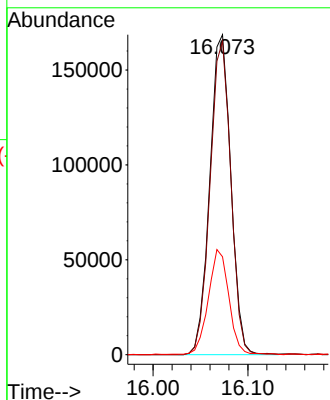
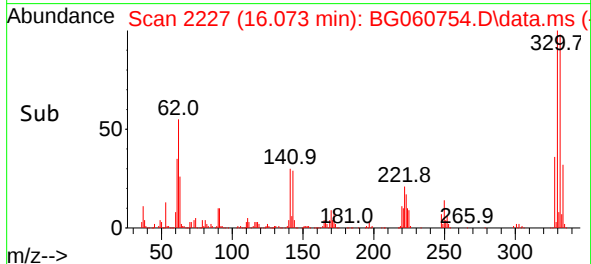


#42
2,4,6-Tribromophenol
Concen: 98.871 ng
RT: 16.073 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

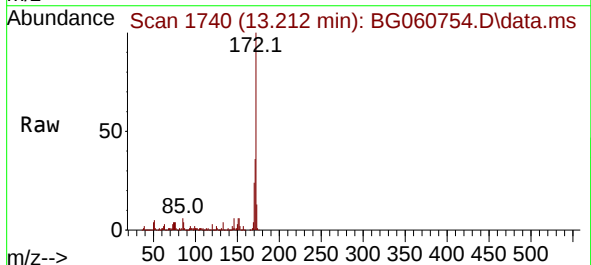
Instrument :
BNA_G
ClientSampleId :
SS-1



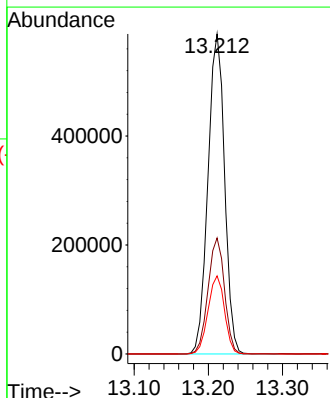
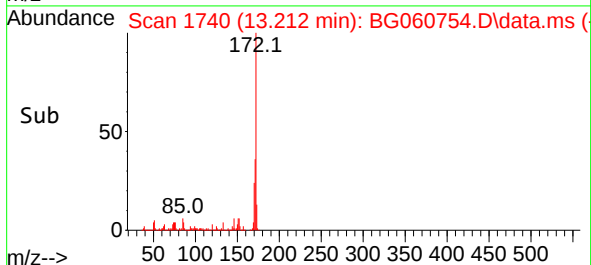
Tgt Ion:330 Resp: 260023
Ion Ratio Lower Upper
330 100
332 96.5 78.2 117.4
141 32.2 27.0 40.6

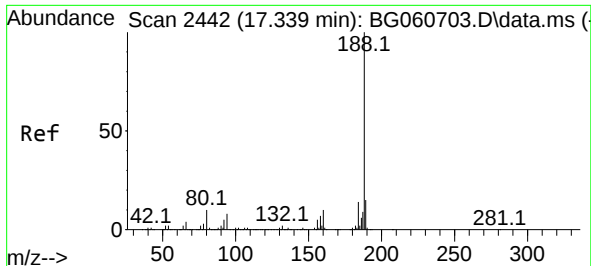


#45
2-Fluorobiphenyl
Concen: 57.981 ng
RT: 13.212 min Scan# 1740
Delta R.T. -0.008 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12



Tgt Ion:172 Resp: 915286
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 24.4 19.4 29.0

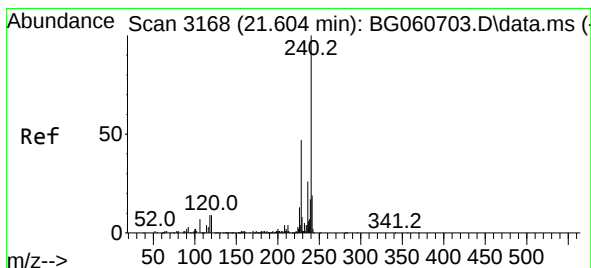
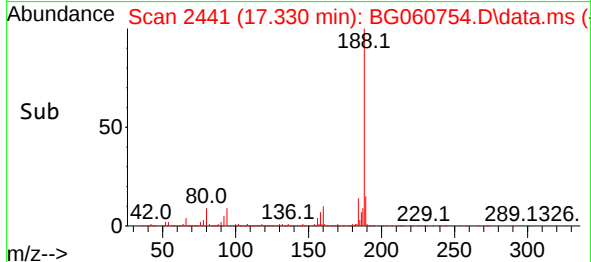
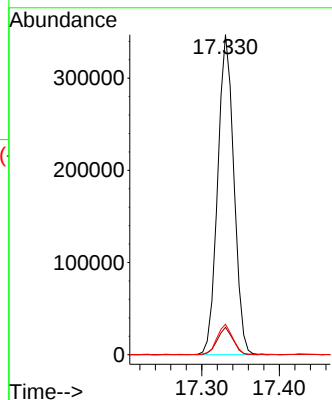
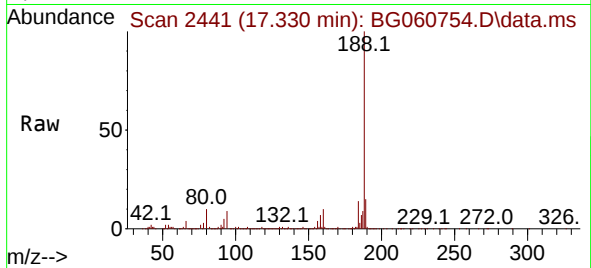




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2442
Delta R.T. -0.008 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

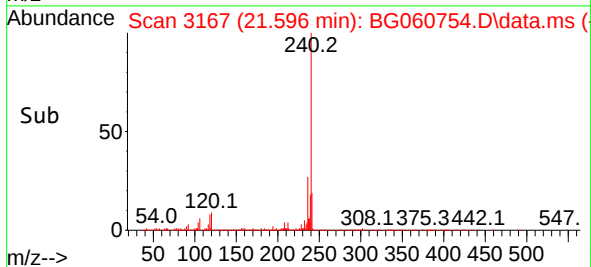
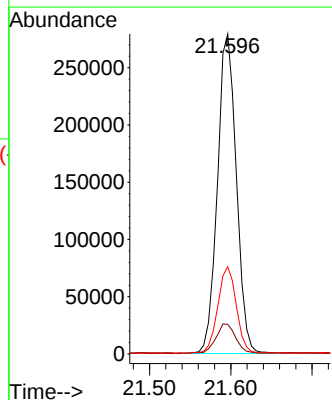
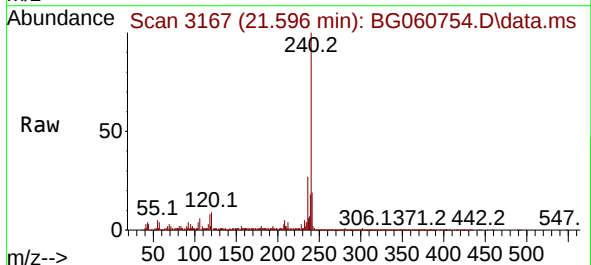
Instrument :
BNA_G
ClientSampleId :
SS-1

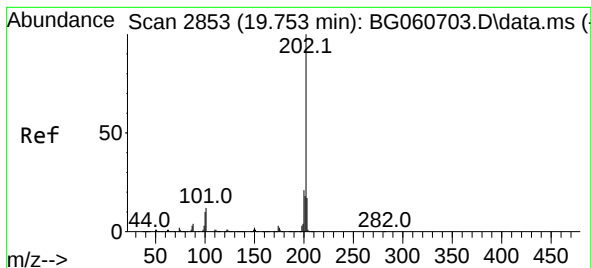
Tgt Ion:188 Resp: 504358
Ion Ratio Lower Upper
188 100
94 8.6 6.6 9.8
80 9.5 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.596 min Scan# 3167
Delta R.T. -0.008 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

Tgt Ion:240 Resp: 451581
Ion Ratio Lower Upper
240 100
120 9.3 7.1 10.7
236 27.2 20.7 31.1





#78

Pyrene

Concen: 2.026 ng

RT: 19.745 min Scan# 2853

Delta R.T. -0.008 min

Lab File: BG060754.D

Acq: 3 Apr 2024 2:12

Instrument :

BNA_G

ClientSampleId :

SS-1

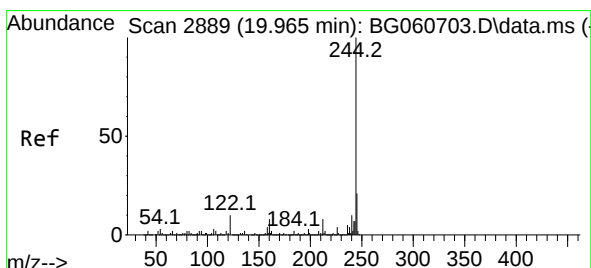
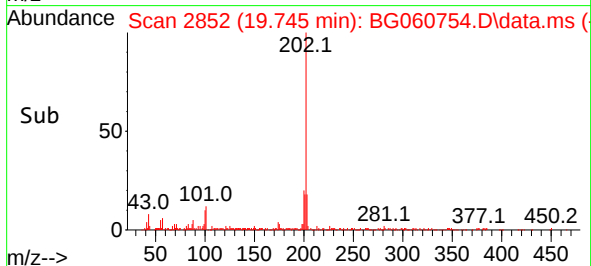
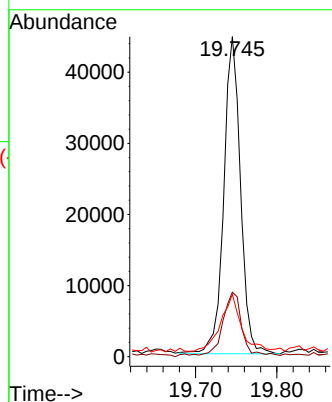
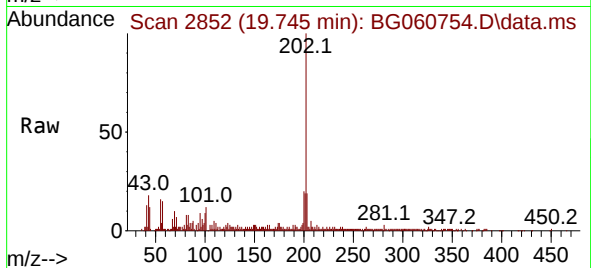
Tgt Ion:202 Resp: 63980

Ion Ratio Lower Upper

202 100

200 20.1 17.0 25.4

203 19.5 14.0 21.0



#79

Terphenyl-d14

Concen: 55.748 ng

RT: 19.957 min Scan# 2888

Delta R.T. -0.008 min

Lab File: BG060754.D

Acq: 3 Apr 2024 2:12

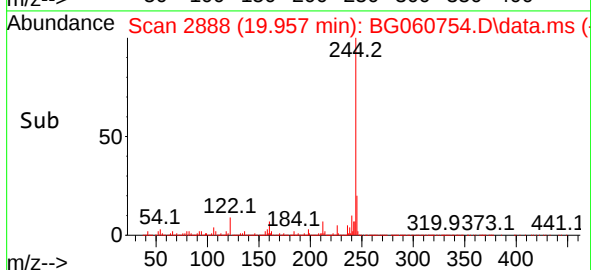
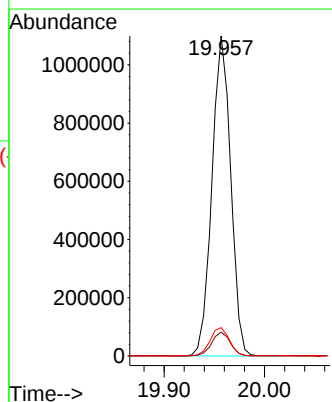
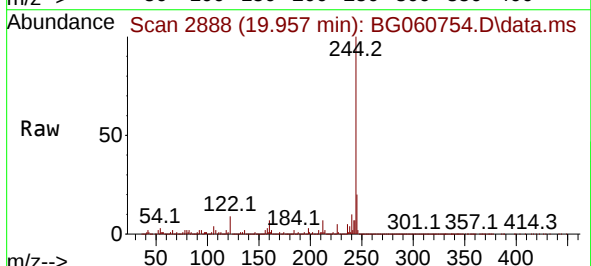
Tgt Ion:244 Resp: 1429717

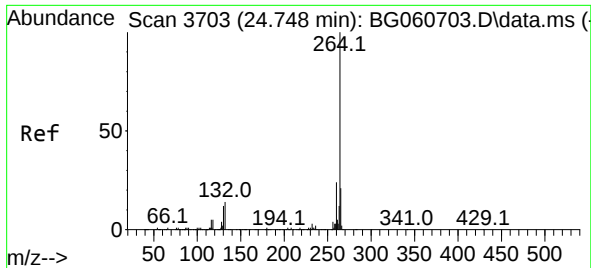
Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

122 8.9 7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.745 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

Instrument :
BNA_G
ClientSampleId :
SS-1

Tgt Ion:264 Resp: 518714

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.0	16.9	25.3

