

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
Data File : BG060711.D
Acq On : 1 Apr 2024 11:49
Operator : MA/JU
Sample : PB159835BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB159835BL

Quant Time: Apr 01 12:29:34 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	7.962	152	67287	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	287100	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	214523	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	586052	20.000	ng	0.00
76) Chrysene-d12	21.593	240	591378	20.000	ng	-0.01
86) Perylene-d12	24.730	264	671415	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.541	112	531279	131.534	ng	0.00
7) Phenol-d6	7.115	99	758950	126.585	ng	0.00
23) Nitrobenzene-d5	9.113	82	401600	79.819	ng	0.00
42) 2,4,6-Tribromophenol	16.076	330	300937	123.579	ng	0.00
45) 2-Fluorobiphenyl	13.214	172	1192697	81.597	ng	0.00
79) Terphenyl-d14	19.959	244	2618947	77.979	ng	0.00

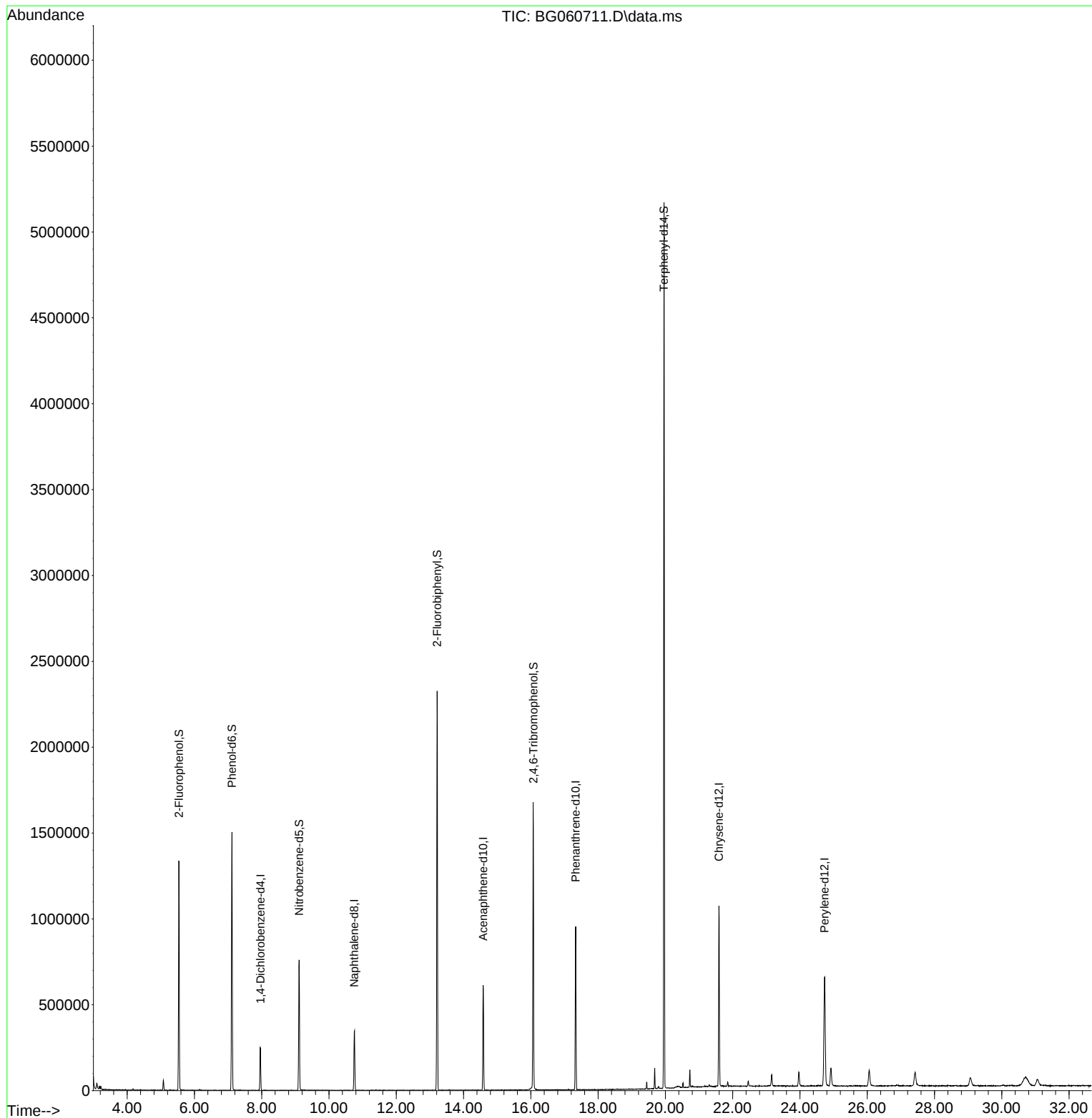
Target Compounds	Qvalue

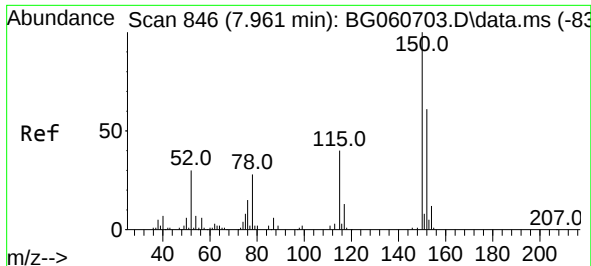
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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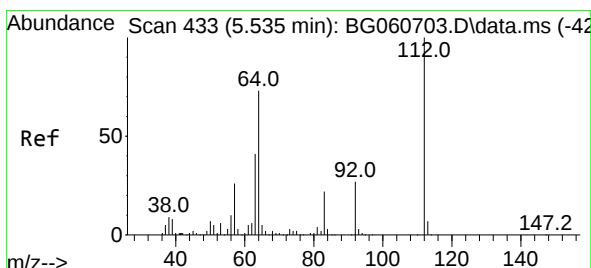
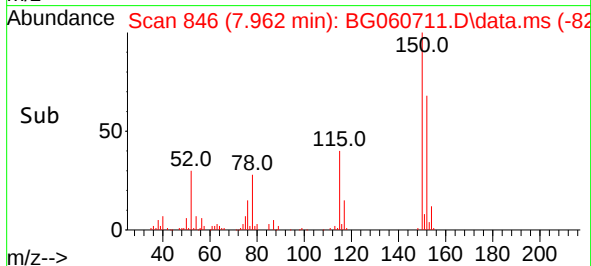
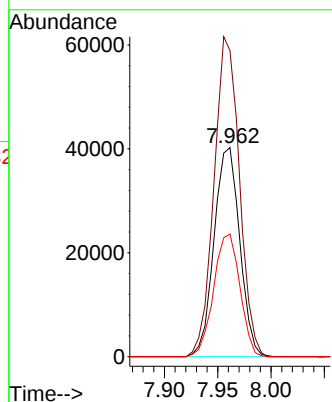
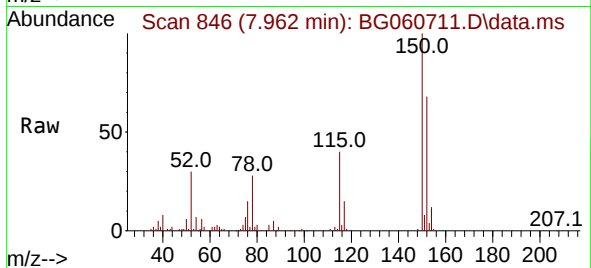




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.962 min Scan# 846
Delta R.T. 0.000 min
Lab File: BG060711.D
Acq: 1 Apr 2024 11:49

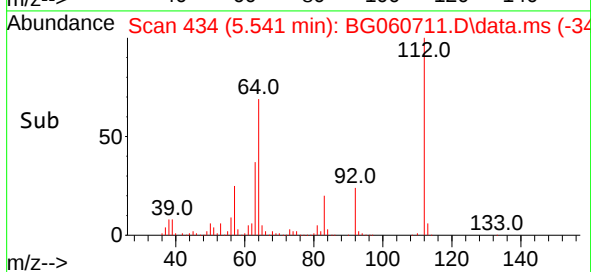
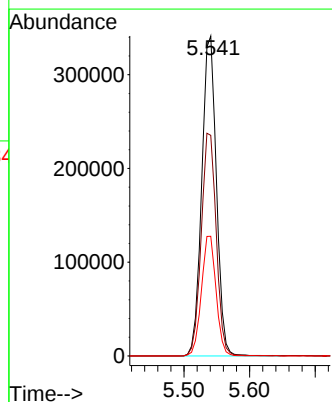
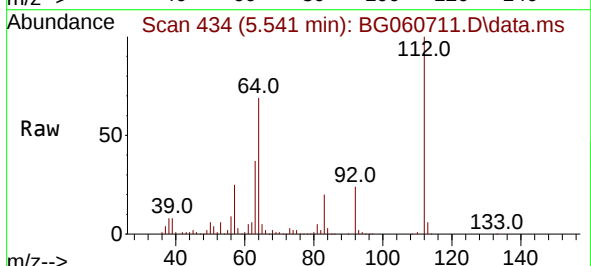
Instrument :
BNA_G
ClientSampleId :
PB159835BL

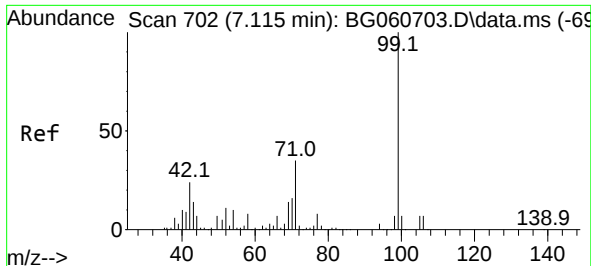
Tgt Ion:152 Resp: 67287
Ion Ratio Lower Upper
152 100
150 146.3 130.2 195.4
115 58.6 51.6 77.4



#5
2-Fluorophenol
Concen: 131.534 ng
RT: 5.541 min Scan# 434
Delta R.T. 0.006 min
Lab File: BG060711.D
Acq: 1 Apr 2024 11:49

Tgt Ion:112 Resp: 531279
Ion Ratio Lower Upper
112 100
64 68.9 58.4 87.6
63 37.4 32.7 49.1

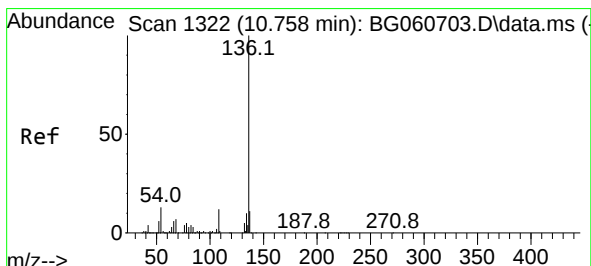
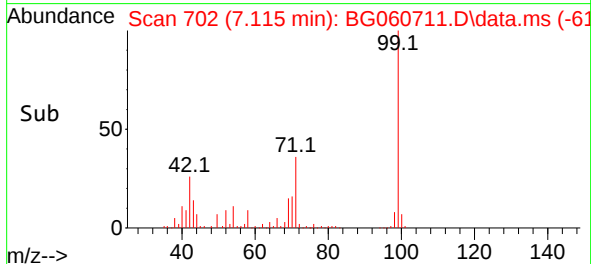
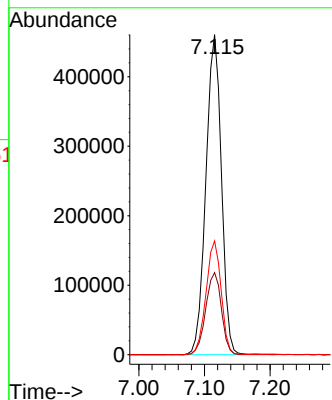
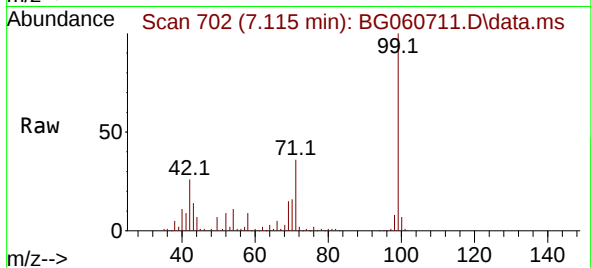




#7
Phenol-d6
Concen: 126.585 ng
RT: 7.115 min Scan# 702
Delta R.T. 0.000 min
Lab File: BG060711.D
Acq: 1 Apr 2024 11:49

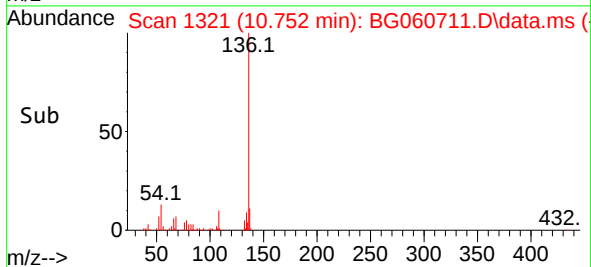
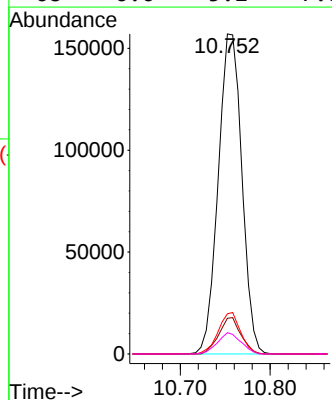
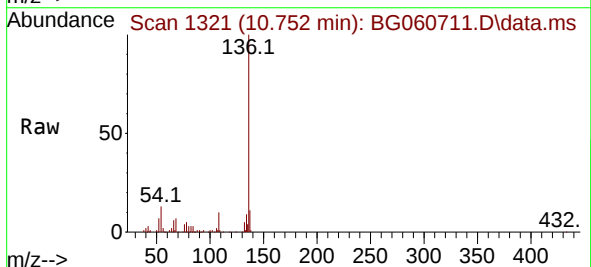
Instrument :
BNA_G
ClientSampleId :
PB159835BL

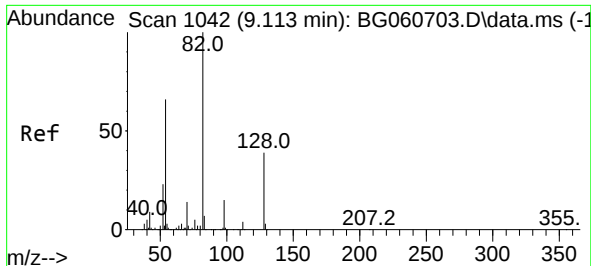
Tgt Ion: 99 Resp: 758950
Ion Ratio Lower Upper
99 100
42 25.7 19.4 29.2
71 35.6 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BG060711.D
Acq: 1 Apr 2024 11:49

Tgt Ion:136 Resp: 287100
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 12.6 10.2 15.2
68 6.6 5.2 7.8

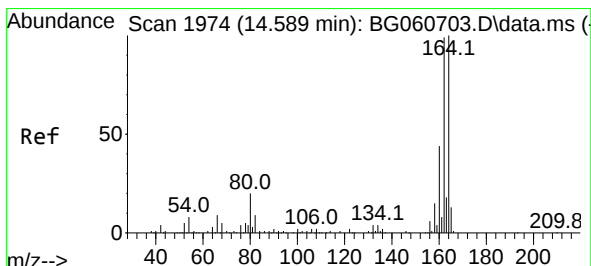
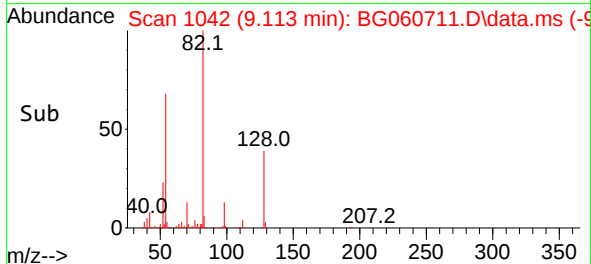
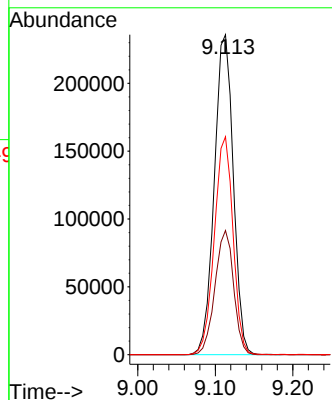
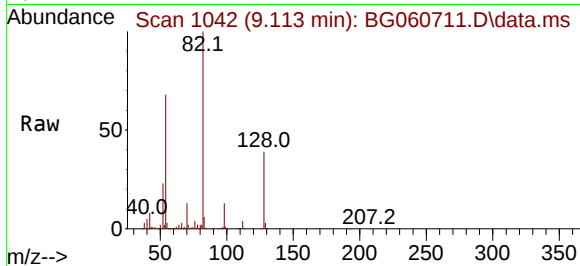




#23
Nitrobenzene-d5
Concen: 79.819 ng
RT: 9.113 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BG060711.D
Acq: 1 Apr 2024 11:49

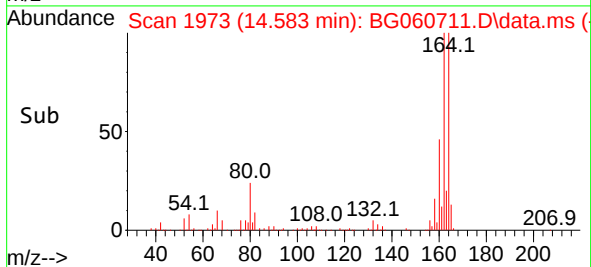
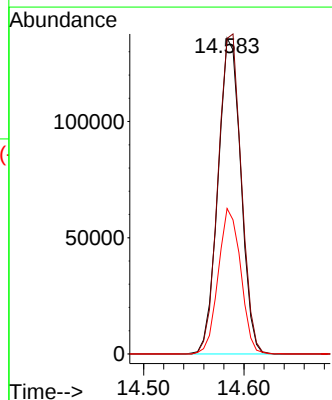
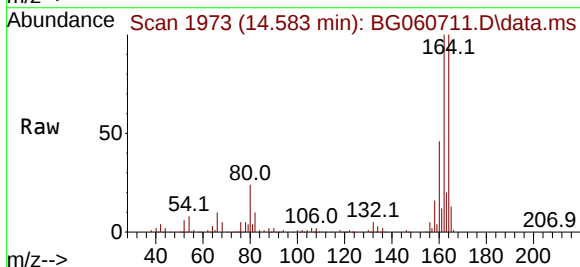
Instrument :
BNA_G
ClientSampleId :
PB159835BL

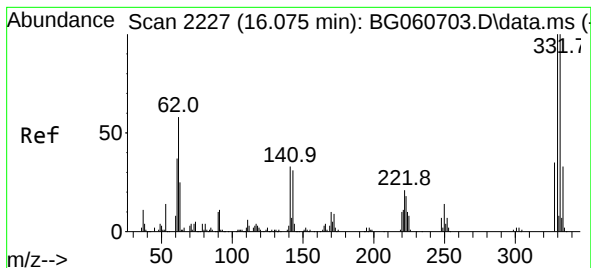
Tgt Ion: 82 Resp: 401600
Ion Ratio Lower Upper
82 100
128 38.8 31.2 46.8
54 68.1 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BG060711.D
Acq: 1 Apr 2024 11:49

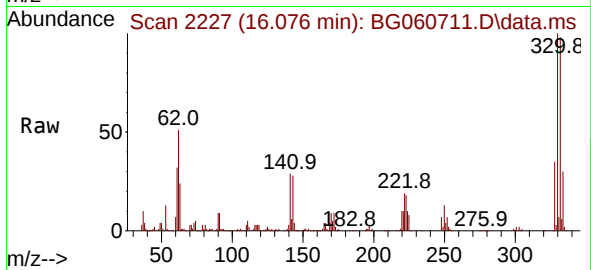
Tgt Ion: 164 Resp: 214523
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 46.1 35.4 53.0



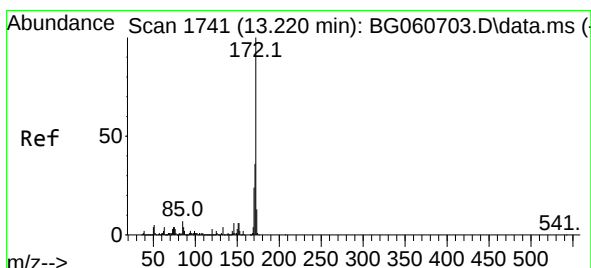
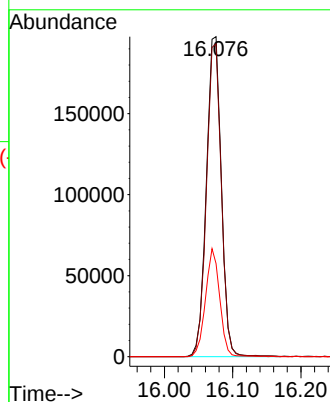
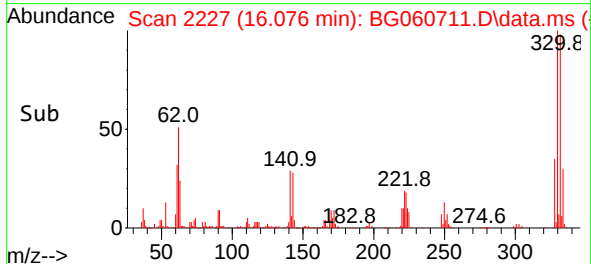


#42
2,4,6-Tribromophenol
Concen: 123.579 ng
RT: 16.076 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060711.D
Acq: 1 Apr 2024 11:49

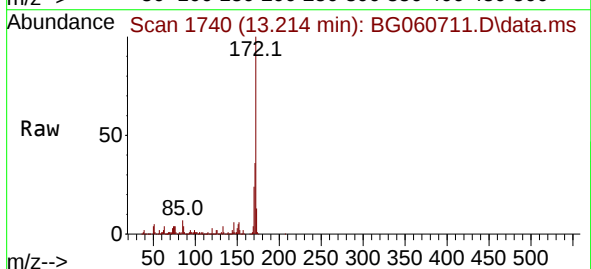
Instrument :
BNA_G
ClientSampleId :
PB159835BL



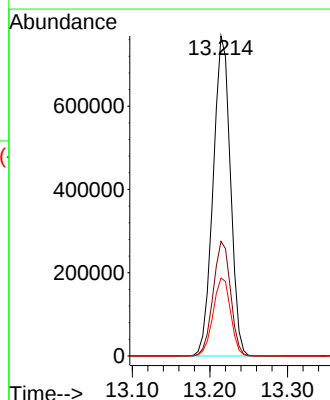
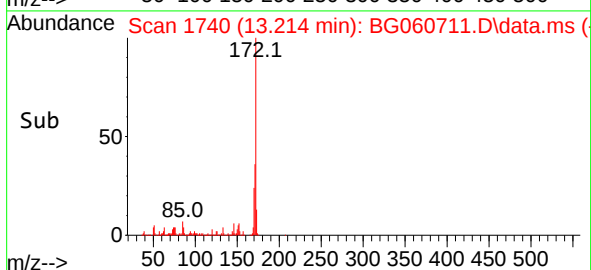
Tgt Ion:330 Resp: 300937
Ion Ratio Lower Upper
330 100
332 96.9 78.2 117.4
141 32.2 27.0 40.6

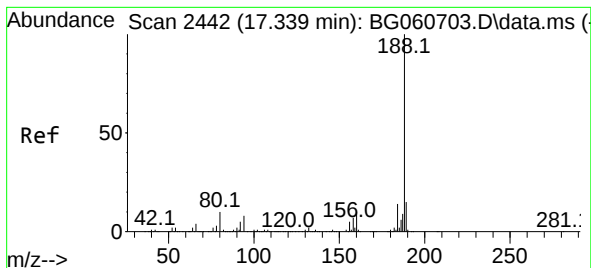


#45
2-Fluorobiphenyl
Concen: 81.597 ng
RT: 13.214 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG060711.D
Acq: 1 Apr 2024 11:49



Tgt Ion:172 Resp: 1192697
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 24.3 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.333 min Scan# 2441

Delta R.T. -0.006 min

Lab File: BG060711.D

Acq: 1 Apr 2024 11:49

Instrument :

BNA_G

ClientSampleId :

PB159835BL

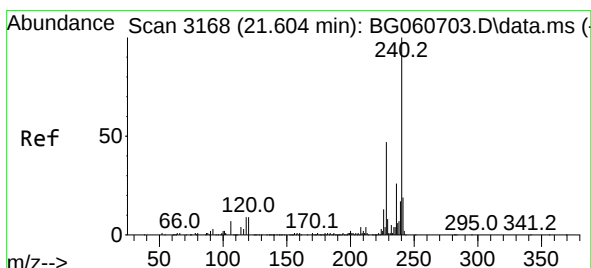
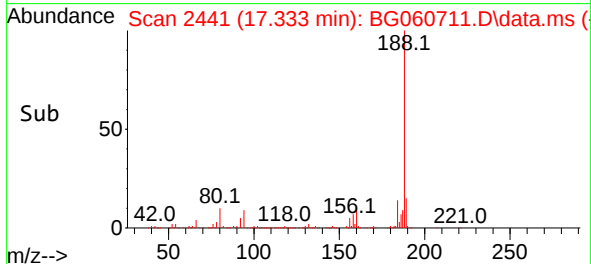
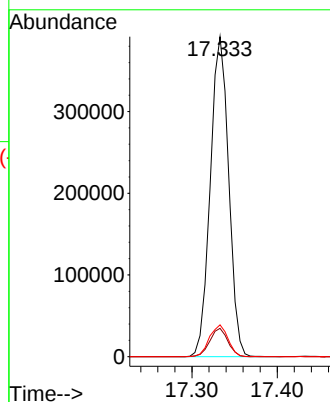
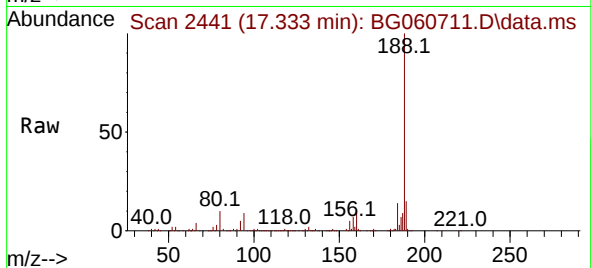
Tgt Ion:188 Resp: 586052

Ion Ratio Lower Upper

188 100

94 8.8 6.6 9.8

80 10.0 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.593 min Scan# 3166

Delta R.T. -0.012 min

Lab File: BG060711.D

Acq: 1 Apr 2024 11:49

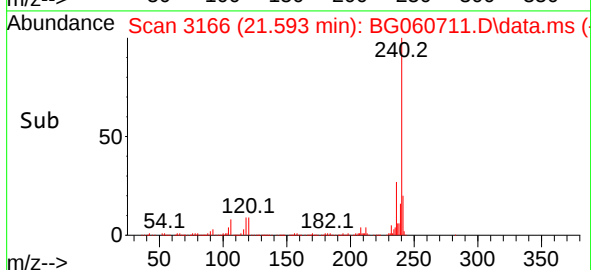
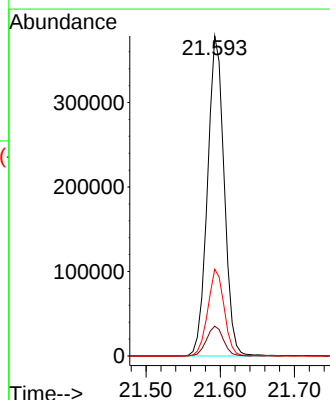
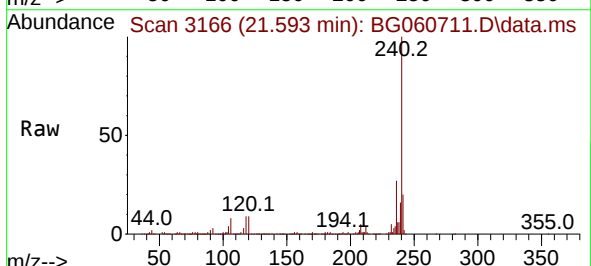
Tgt Ion:240 Resp: 591378

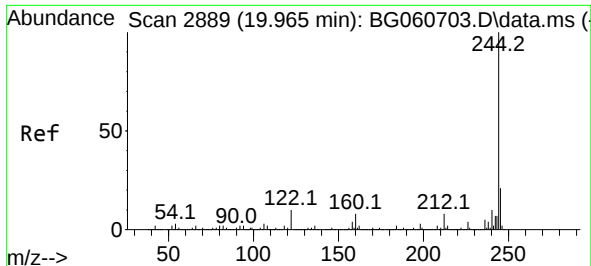
Ion Ratio Lower Upper

240 100

120 9.3 7.1 10.7

236 27.1 20.7 31.1





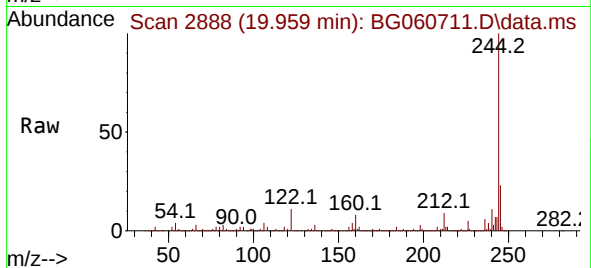
#79
 Terphenyl-d14
 Concen: 77.979 ng
 RT: 19.959 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG060711.D
 Acq: 1 Apr 2024 11:49

Instrument :

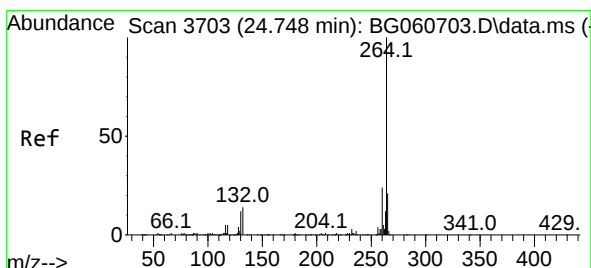
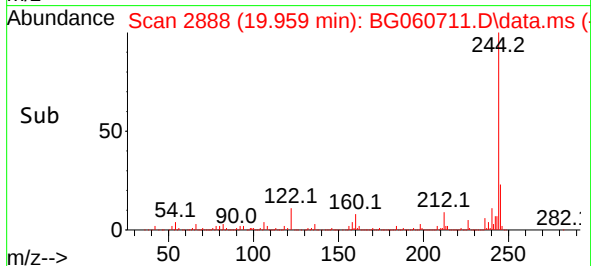
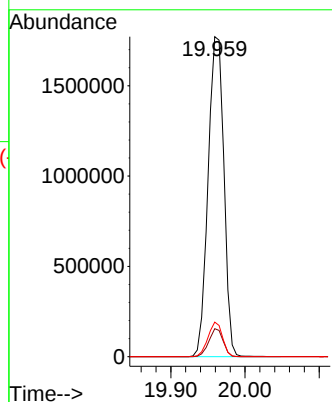
BNA_G

ClientSampleId :

PB159835BL



Tgt Ion:244 Resp: 2618947
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.2 9.2
 122 10.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.730 min Scan# 3700
 Delta R.T. -0.018 min
 Lab File: BG060711.D
 Acq: 1 Apr 2024 11:49

Tgt Ion:264 Resp: 671415
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 20.6 16.9 25.3

