

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
 Data File : BG060718.D
 Acq On : 1 Apr 2024 16:46
 Operator : MA/JU
 Sample : PB159867BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159867BL

Quant Time: Apr 01 17:21:08 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	7.957	152	75708	20.000	ng	0.00
21) Naphthalene-d8	10.754	136	322599	20.000	ng	0.00
39) Acenaphthene-d10	14.585	164	238047	20.000	ng	0.00
64) Phenanthrene-d10	17.329	188	647315	20.000	ng	0.00
76) Chrysene-d12	21.589	240	637061	20.000	ng	-0.02
86) Perylene-d12	24.726	264	728375	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	622797	137.041	ng	0.00
7) Phenol-d6	7.111	99	858366	127.242	ng	0.00
23) Nitrobenzene-d5	9.109	82	477888	84.529	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	390976	144.687	ng	0.00
45) 2-Fluorobiphenyl	13.210	172	1313089	80.956	ng	0.00
79) Terphenyl-d14	19.961	244	2792993	77.198	ng	0.00

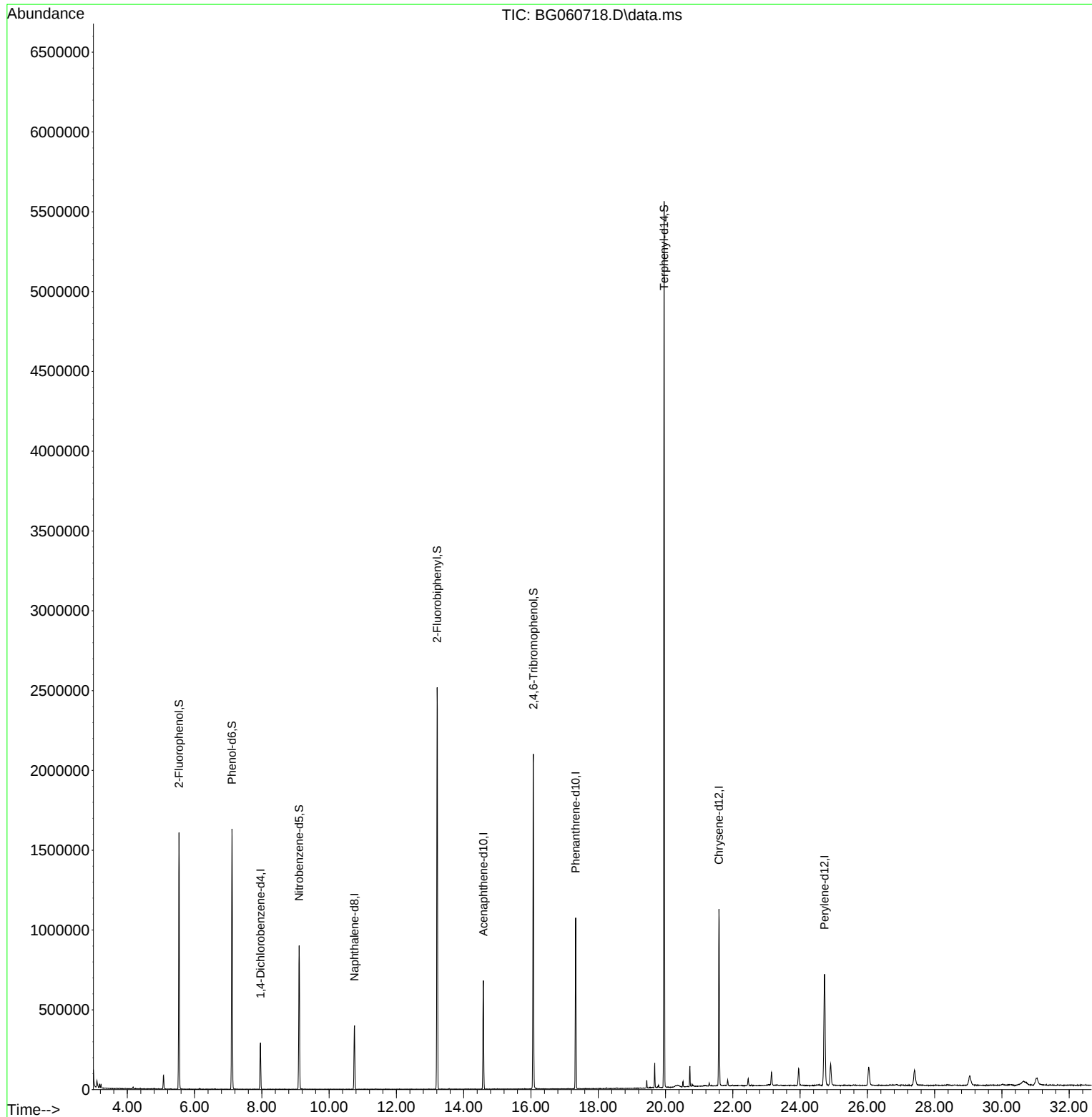
Target Compounds	Qvalue

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

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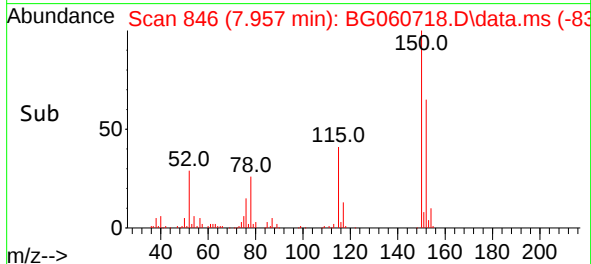
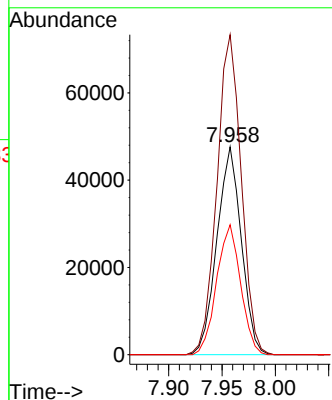
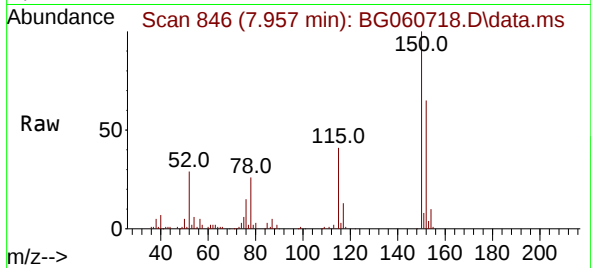




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 846
Delta R.T. -0.004 min
Lab File: BG060718.D
Acq: 1 Apr 2024 16:46

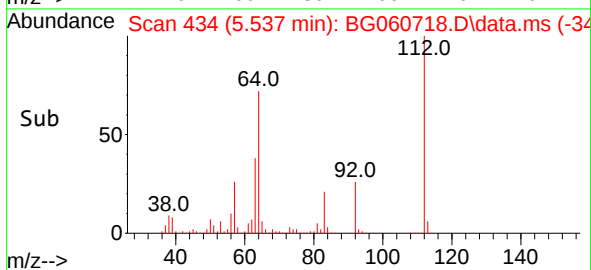
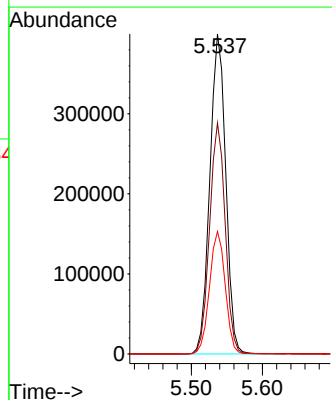
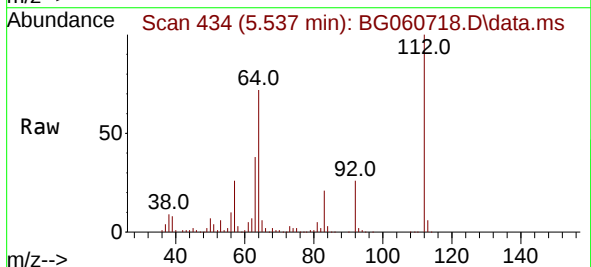
Instrument :
BNA_G
ClientSampleId :
PB159867BL

Tgt Ion:152 Resp: 75708
Ion Ratio Lower Upper
152 100
150 153.9 130.2 195.4
115 62.5 51.6 77.4



#5
2-Fluorophenol
Concen: 137.041 ng
RT: 5.537 min Scan# 434
Delta R.T. 0.002 min
Lab File: BG060718.D
Acq: 1 Apr 2024 16:46

Tgt Ion:112 Resp: 622797
Ion Ratio Lower Upper
112 100
64 72.2 58.4 87.6
63 38.3 32.7 49.1

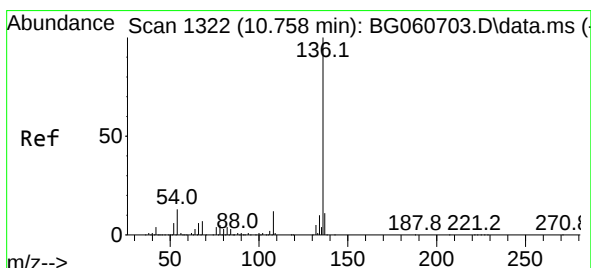
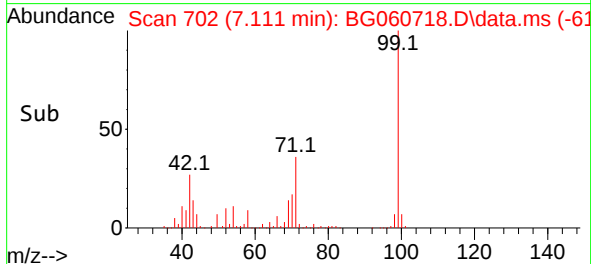
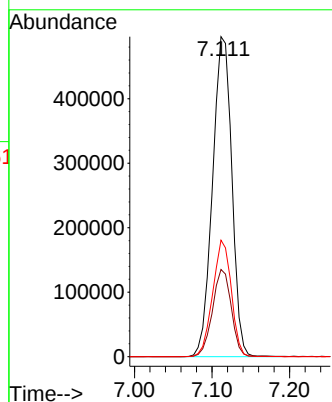
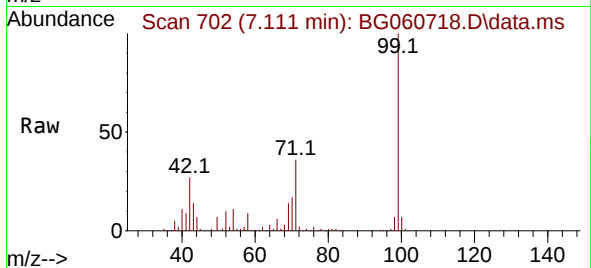




#7
Phenol-d6
Concen: 127.242 ng
RT: 7.111 min Scan# 702
Delta R.T. -0.004 min
Lab File: BG060718.D
Acq: 1 Apr 2024 16:46

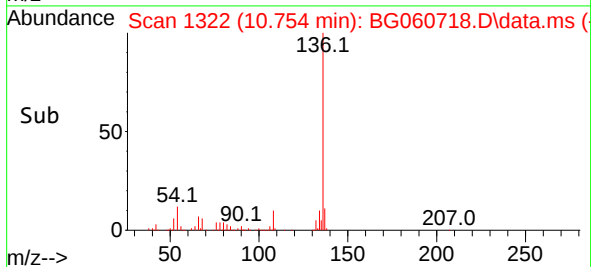
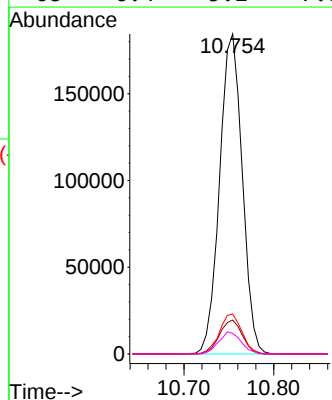
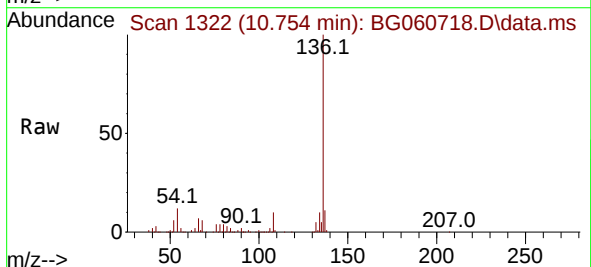
Instrument :
BNA_G
ClientSampleId :
PB159867BL

Tgt Ion: 99 Resp: 858366
Ion Ratio Lower Upper
99 100
42 27.3 19.4 29.2
71 36.4 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.754 min Scan# 1322
Delta R.T. -0.004 min
Lab File: BG060718.D
Acq: 1 Apr 2024 16:46

Tgt Ion:136 Resp: 322599
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 12.5 10.2 15.2
68 6.4 5.2 7.8





#23

Nitrobenzene-d5

Concen: 84.529 ng

RT: 9.109 min Scan# 1042

Delta R.T. -0.004 min

Lab File: BG060718.D

Acq: 1 Apr 2024 16:46

Instrument :

BNA_G

ClientSampleId :

PB159867BL

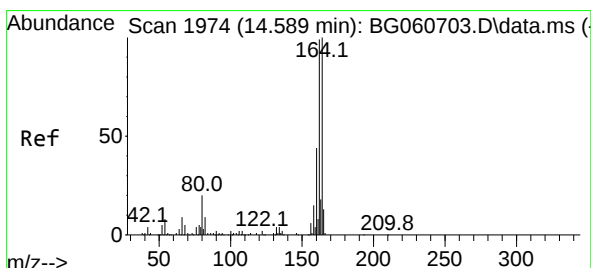
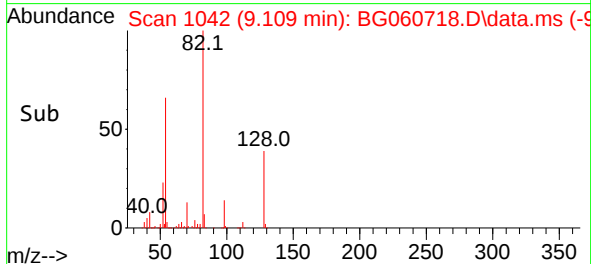
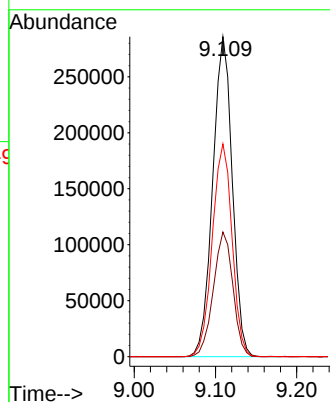
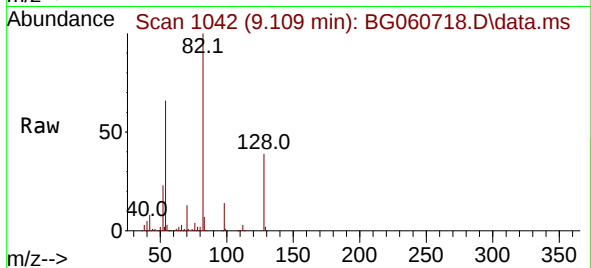
Tgt Ion: 82 Resp: 477888

Ion Ratio Lower Upper

82 100

128 39.0 31.2 46.8

54 66.5 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.585 min Scan# 1974

Delta R.T. -0.004 min

Lab File: BG060718.D

Acq: 1 Apr 2024 16:46

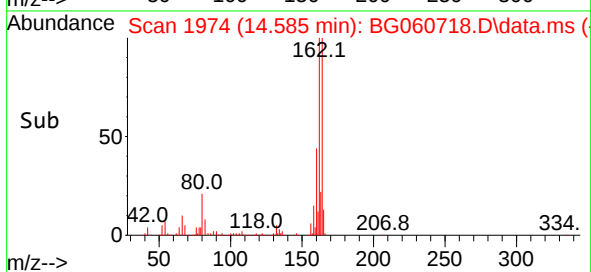
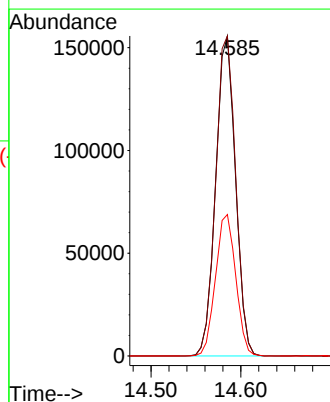
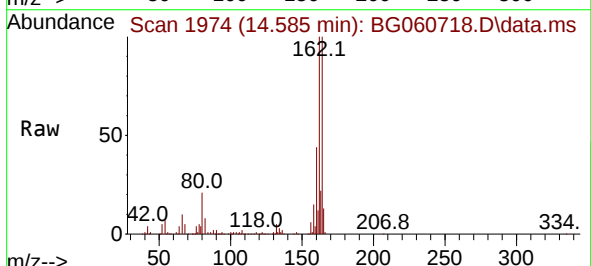
Tgt Ion:164 Resp: 238047

Ion Ratio Lower Upper

164 100

162 100.1 79.5 119.3

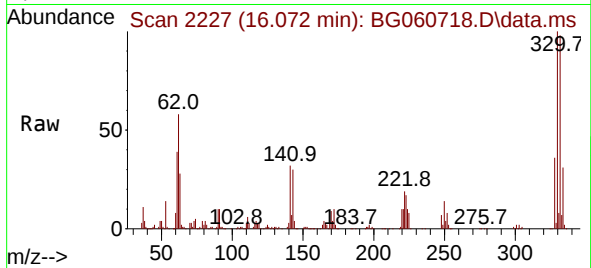
160 44.2 35.4 53.0



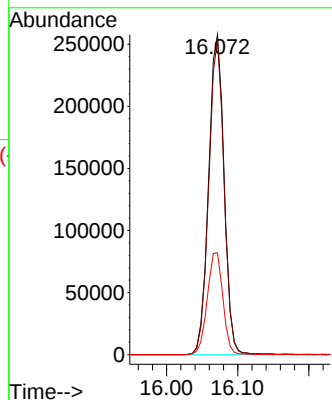
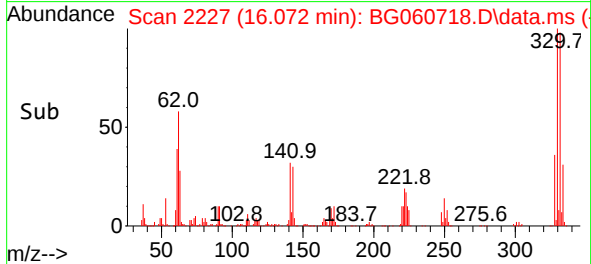


#42
2,4,6-Tribromophenol
Concen: 144.687 ng
RT: 16.072 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060718.D
Acq: 1 Apr 2024 16:46

Instrument :
BNA_G
ClientSampleId :
PB159867BL

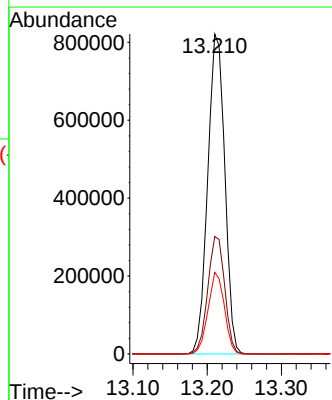
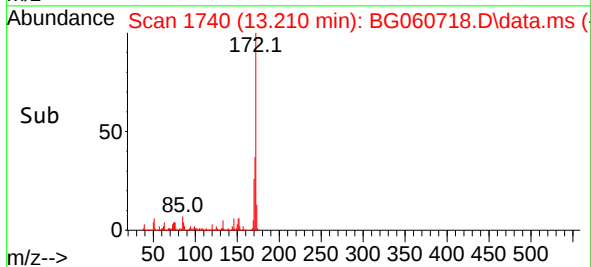
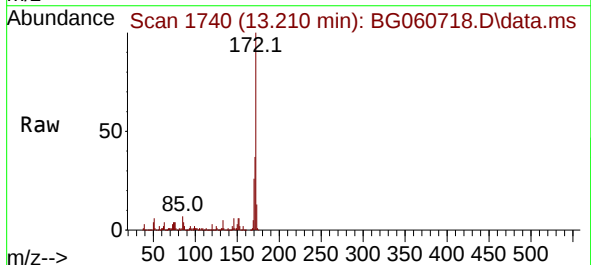


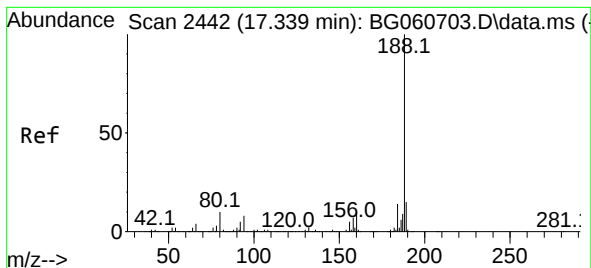
Tgt Ion:330 Resp: 390976
Ion Ratio Lower Upper
330 100
332 96.8 78.2 117.4
141 32.3 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 80.956 ng
RT: 13.210 min Scan# 1740
Delta R.T. -0.010 min
Lab File: BG060718.D
Acq: 1 Apr 2024 16:46

Tgt Ion:172 Resp: 1313089
Ion Ratio Lower Upper
172 100
171 36.7 28.7 43.1
170 25.5 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.329 min Scan# 2441

Delta R.T. -0.010 min

Lab File: BG060718.D

Acq: 1 Apr 2024 16:46

Instrument :

BNA_G

ClientSampleId :

PB159867BL

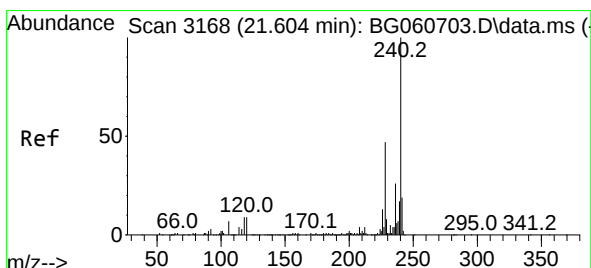
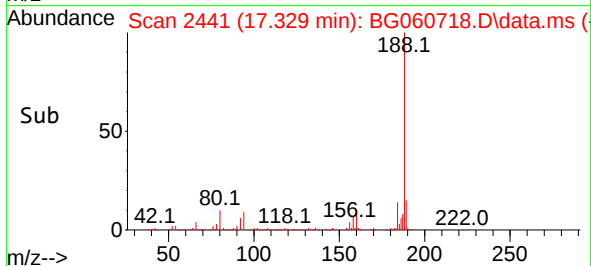
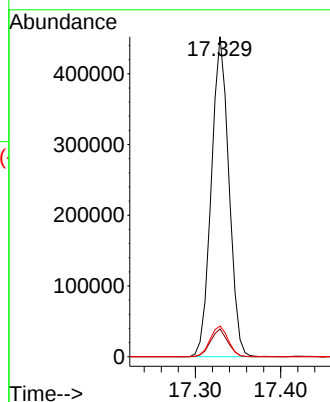
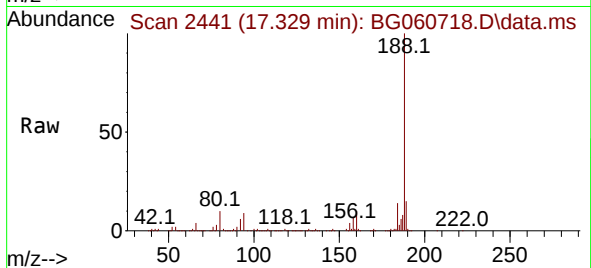
Tgt Ion:188 Resp: 647315

Ion Ratio Lower Upper

188 100

94 8.7 6.6 9.8

80 9.6 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.589 min Scan# 3166

Delta R.T. -0.016 min

Lab File: BG060718.D

Acq: 1 Apr 2024 16:46

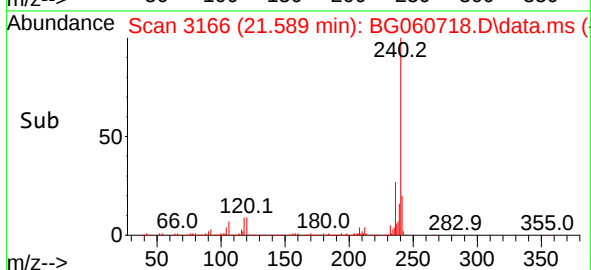
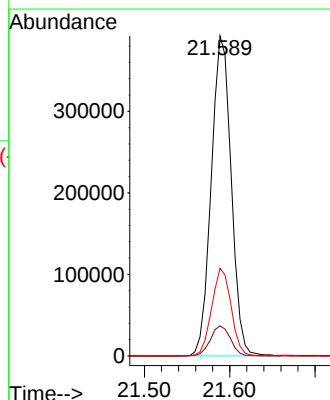
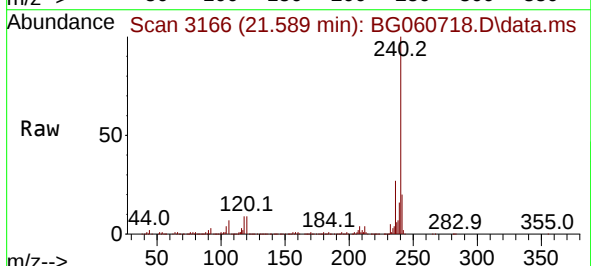
Tgt Ion:240 Resp: 637061

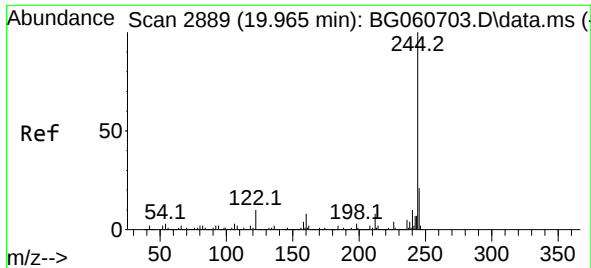
Ion Ratio Lower Upper

240 100

120 9.4 7.1 10.7

236 27.4 20.7 31.1



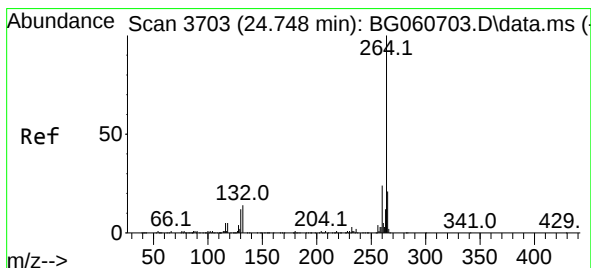
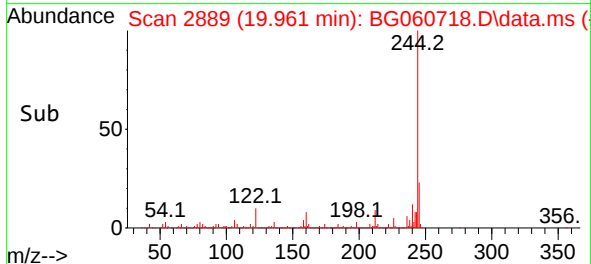
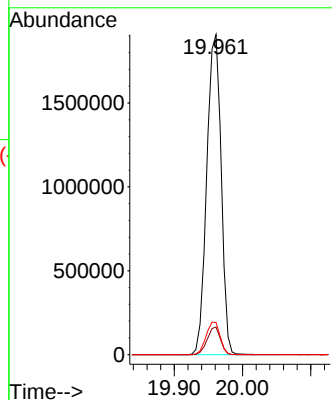
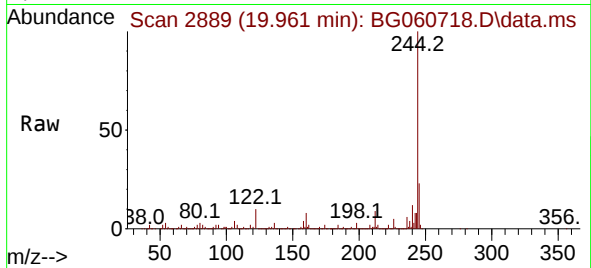


#79
 Terphenyl-d14
 Concen: 77.198 ng
 RT: 19.961 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG060718.D
 Acq: 1 Apr 2024 16:46

Instrument :
 BNA_G
 ClientSampleId :
 PB159867BL

Tgt Ion:244 Resp: 2792993

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.2	9.2
122	10.1	7.8	11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.726 min Scan# 3700
 Delta R.T. -0.022 min
 Lab File: BG060718.D
 Acq: 1 Apr 2024 16:46

Tgt Ion:264 Resp: 728375

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.6	16.9	25.3

