

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
 Data File : BG060267.D
 Acq On : 5 Jan 2024 12:32
 Operator : MA/JU
 Sample : PB158174BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158174BL

Quant Time: Jan 05 13:36:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	274933	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	1063792	20.000	ng	0.00
39) Acenaphthene-d10	14.573	164	783557	20.000	ng	0.00
64) Phenanthrene-d10	17.317	188	2133081	20.000	ng	0.00
76) Chrysene-d12	21.583	240	2059590	20.000	ng	0.00
86) Perylene-d12	24.761	264	2259021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.507	112	2467572	135.466	ng	0.00
7) Phenol-d6	7.100	99	3496366	129.276	ng	0.00
23) Nitrobenzene-d5	9.097	82	2157678	93.687	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	1594482	152.019	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	4622343	84.784	ng	0.00
79) Terphenyl-d14	19.943	244	6630620	61.893	ng	0.00

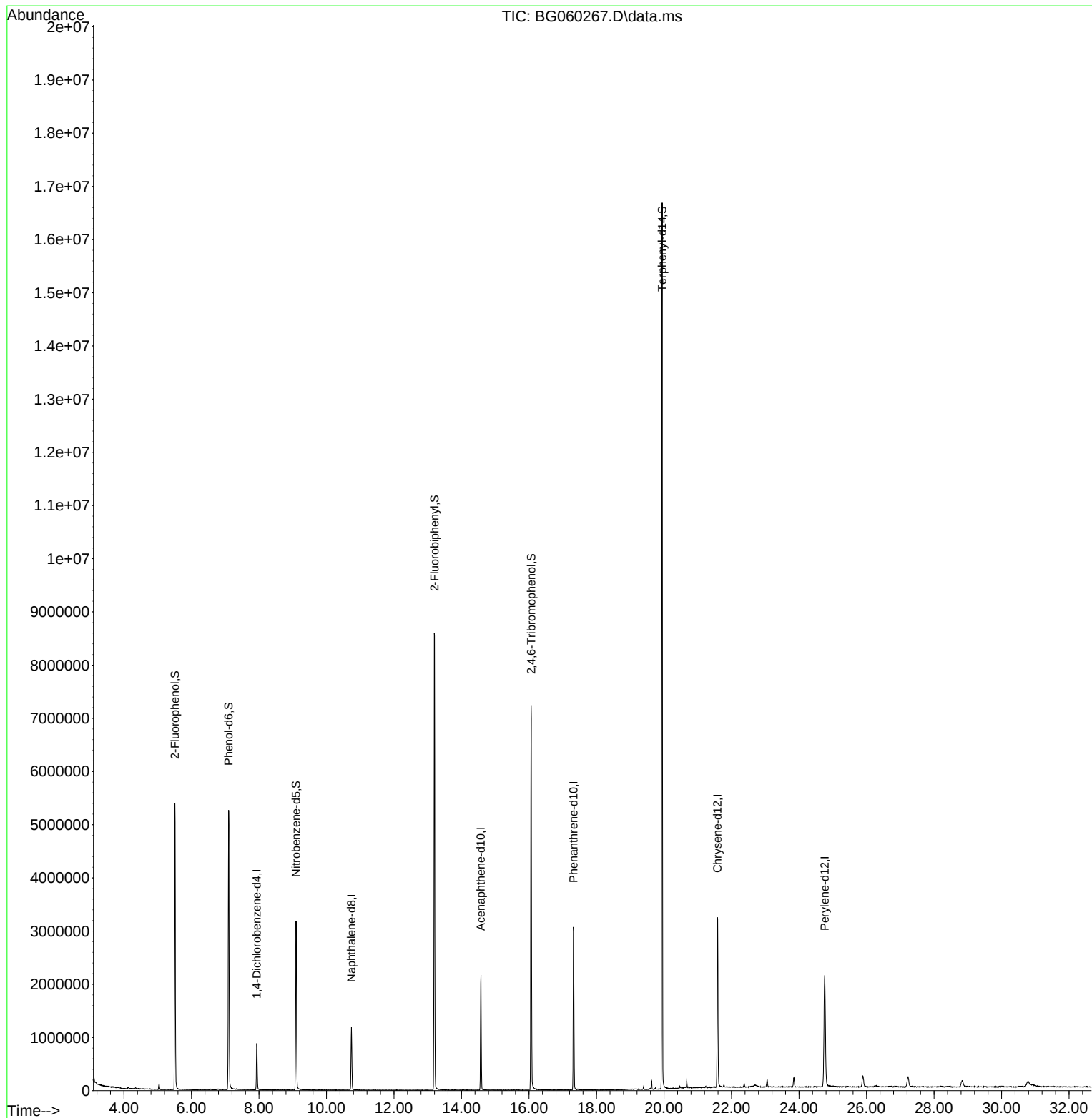
Target Compounds	Qvalue

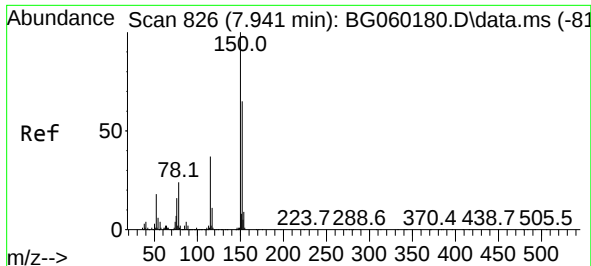
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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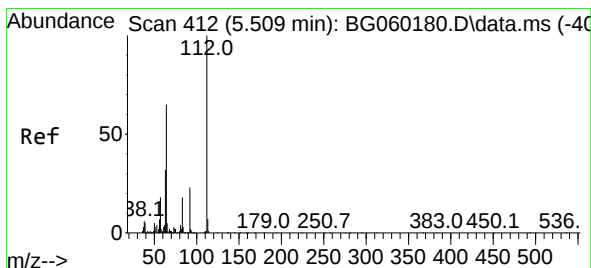
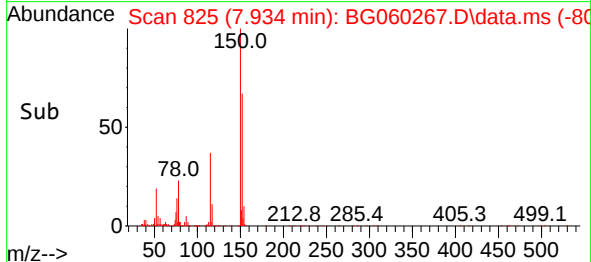
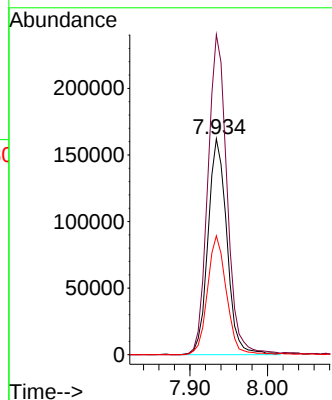
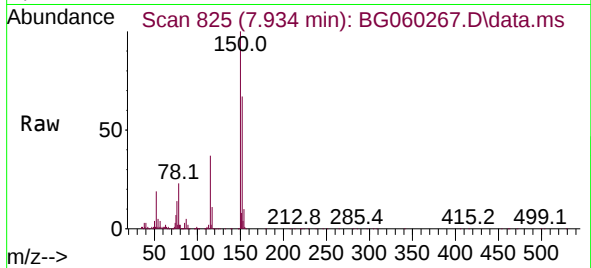




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060267.D
Acq: 5 Jan 2024 12:32

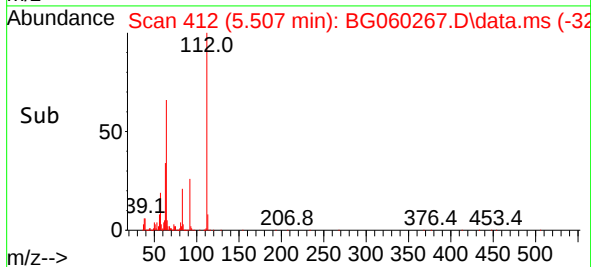
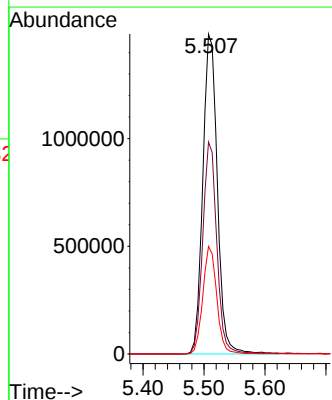
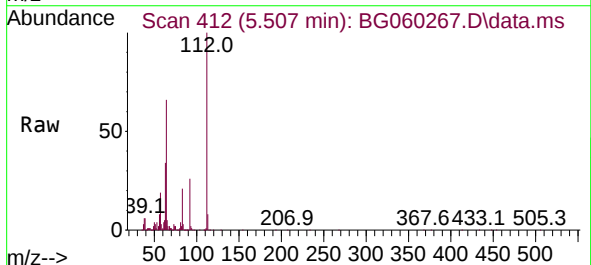
Instrument :
BNA_G
ClientSampleId :
PB158174BL

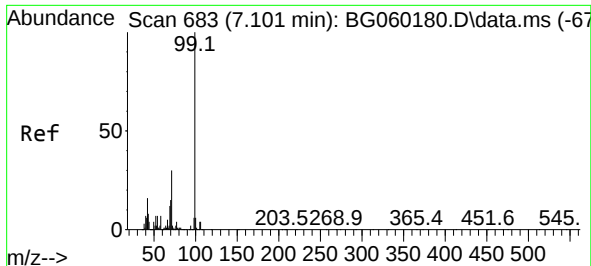
Tgt Ion:152 Resp: 274933
Ion Ratio Lower Upper
152 100
150 148.3 123.4 185.0
115 55.1 45.4 68.0



#5
2-Fluorophenol
Concen: 135.466 ng
RT: 5.507 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG060267.D
Acq: 5 Jan 2024 12:32

Tgt Ion:112 Resp: 2467572
Ion Ratio Lower Upper
112 100
64 66.2 52.2 78.4
63 33.6 25.4 38.0



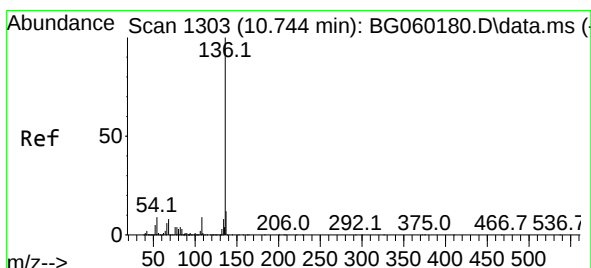
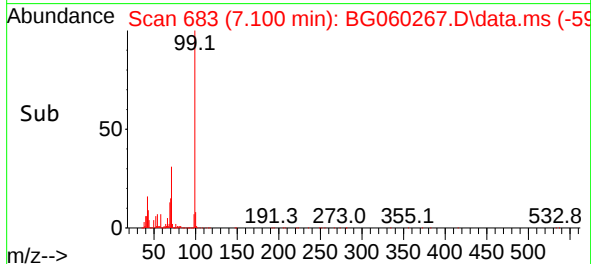
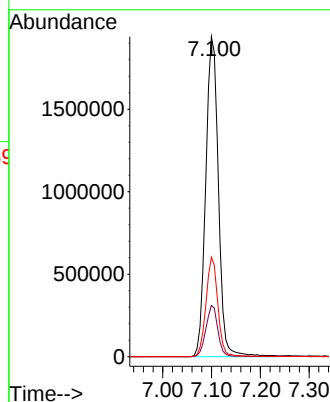
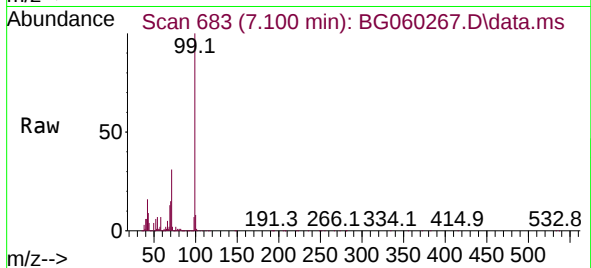


#7
Phenol-d6
Concen: 129.276 ng
RT: 7.100 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060267.D
Acq: 5 Jan 2024 12:32

Instrument :
BNA_G
ClientSampleId :
PB158174BL

Tgt Ion: 99 Resp: 3496366

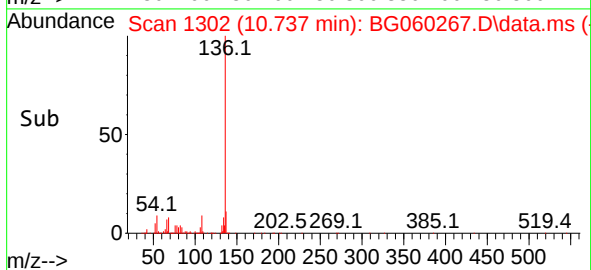
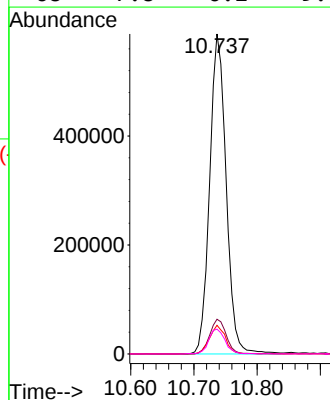
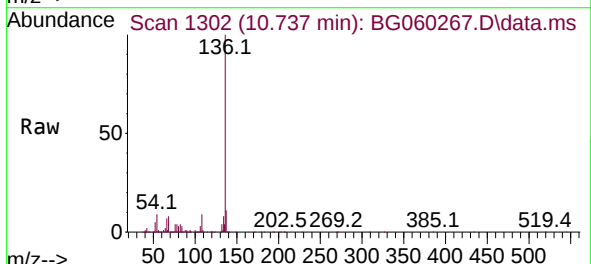
Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.5	18.7
71	31.1	24.1	36.1

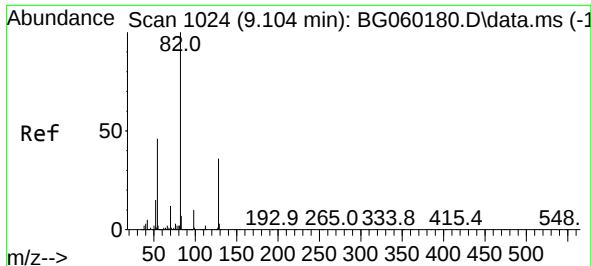


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1302
Delta R.T. -0.007 min
Lab File: BG060267.D
Acq: 5 Jan 2024 12:32

Tgt Ion:136 Resp: 1063792

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.4	14.0
54	9.0	7.4	11.2
68	7.8	6.2	9.4





#23

Nitrobenzene-d5

Concen: 93.687 ng

RT: 9.097 min Scan# 1024

Delta R.T. -0.007 min

Lab File: BG060267.D

Acq: 5 Jan 2024 12:32

Instrument :

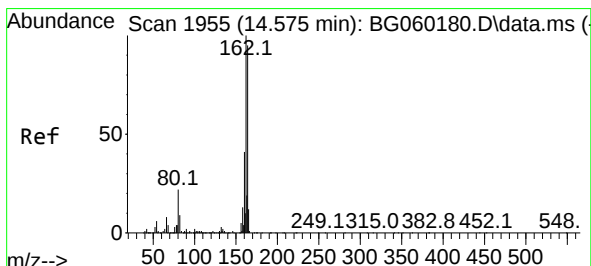
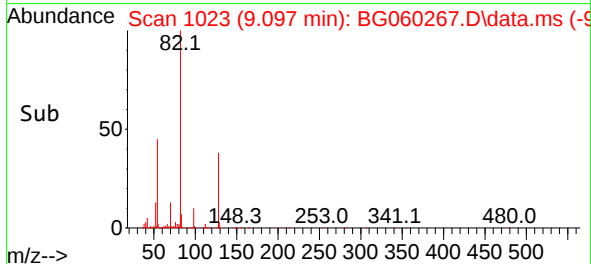
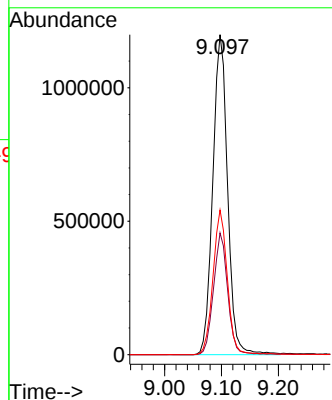
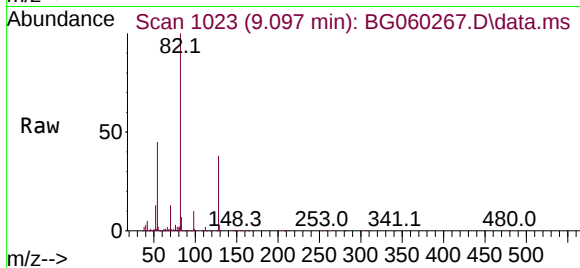
BNA_G

ClientSampleId :

PB158174BL

Tgt Ion: 82 Resp: 2157678

Ion	Ratio	Lower	Upper
82	100		
128	38.1	28.7	43.1
54	45.2	36.9	55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.573 min Scan# 1955

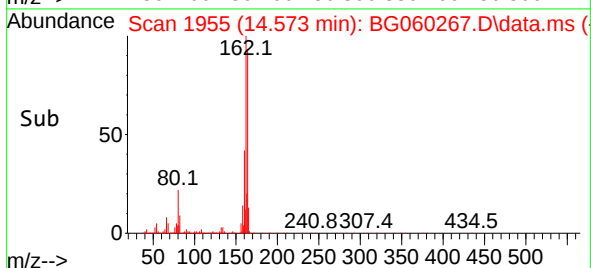
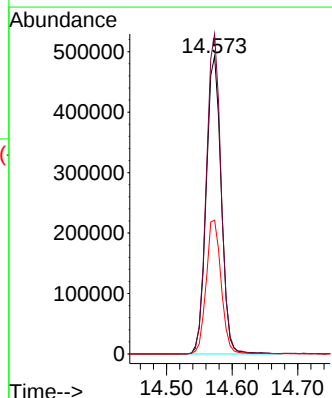
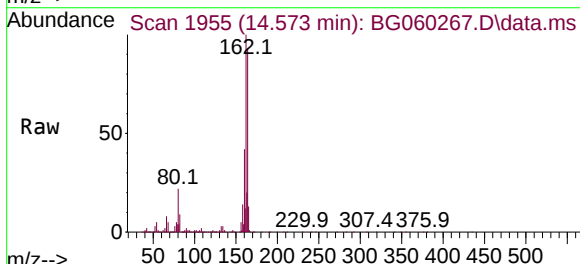
Delta R.T. -0.001 min

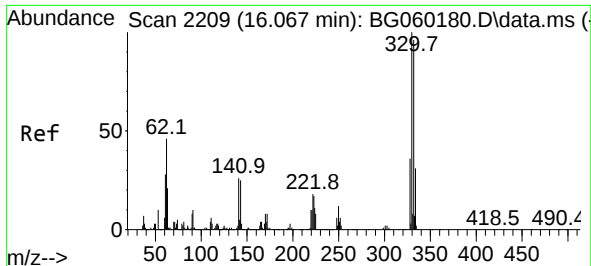
Lab File: BG060267.D

Acq: 5 Jan 2024 12:32

Tgt Ion:164 Resp: 783557

Ion	Ratio	Lower	Upper
164	100		
162	107.4	83.9	125.9
160	44.9	34.2	51.4

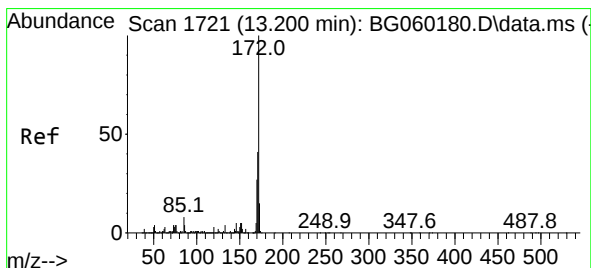
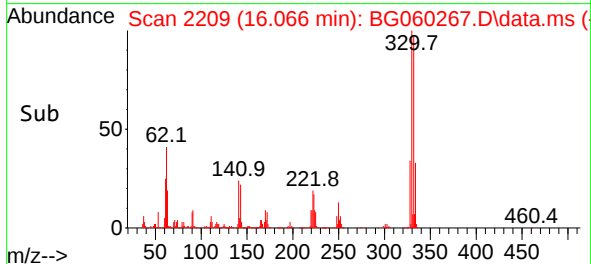
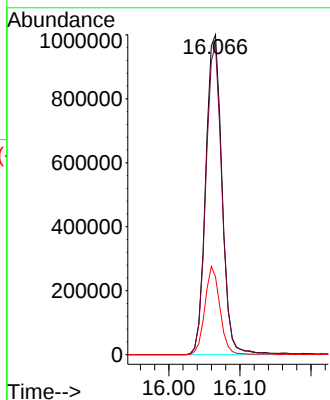
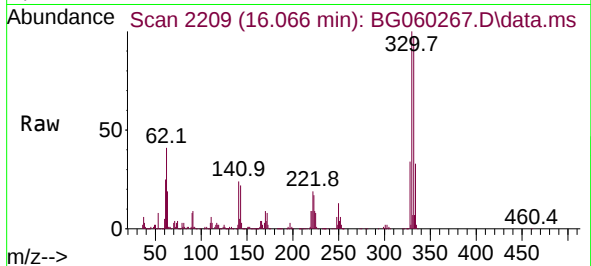




#42
2,4,6-Tribromophenol
Concen: 152.019 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060267.D
Acq: 5 Jan 2024 12:32

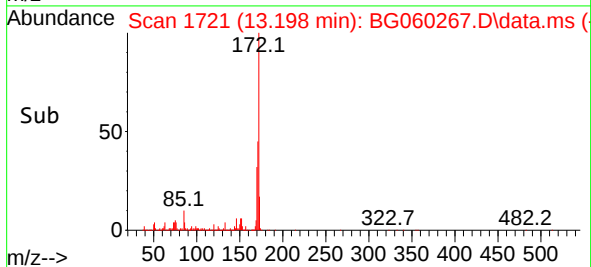
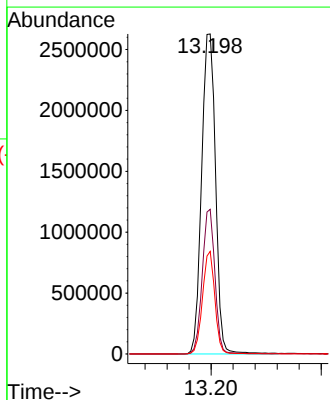
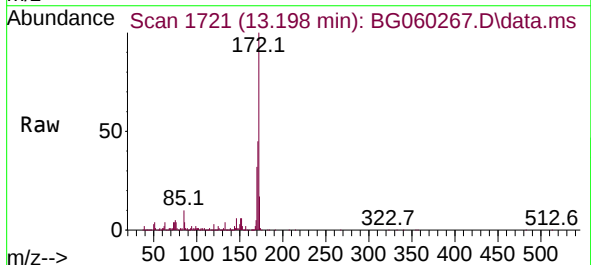
Instrument :
BNA_G
ClientSampleId :
PB158174BL

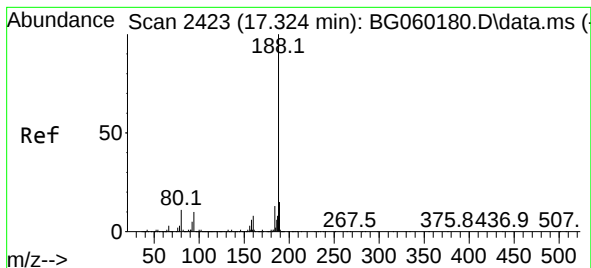
Tgt Ion:330 Resp: 1594482
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 25.6 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 84.784 ng
RT: 13.198 min Scan# 1721
Delta R.T. -0.001 min
Lab File: BG060267.D
Acq: 5 Jan 2024 12:32

Tgt Ion:172 Resp: 4622343
Ion Ratio Lower Upper
172 100
171 45.2 32.6 48.8
170 32.0 21.8 32.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.317 min Scan# 24

Delta R.T. -0.007 min

Lab File: BG060267.D

Acq: 5 Jan 2024 12:32

Instrument :

BNA_G

ClientSampleId :

PB158174BL

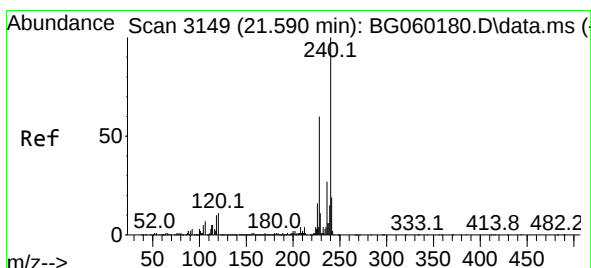
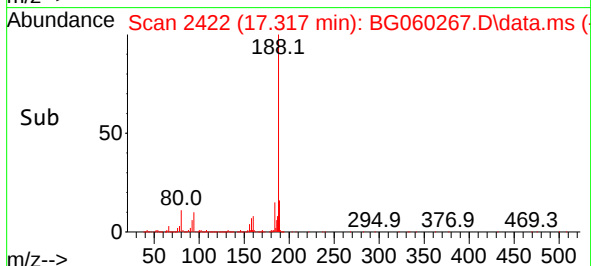
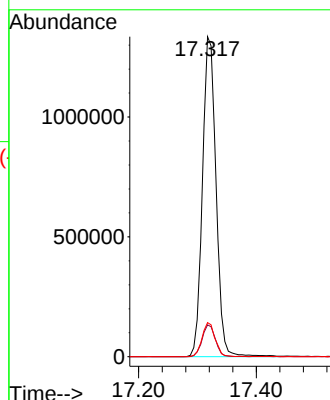
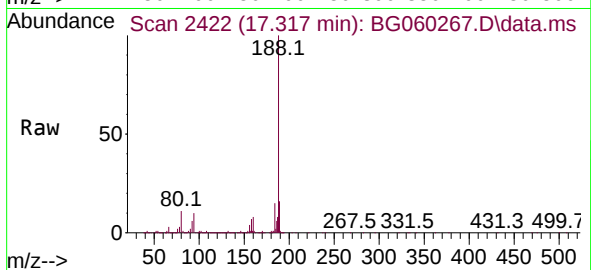
Tgt Ion:188 Resp: 2133081

Ion Ratio Lower Upper

188 100

94 10.0 7.8 11.6

80 10.6 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 3148

Delta R.T. -0.007 min

Lab File: BG060267.D

Acq: 5 Jan 2024 12:32

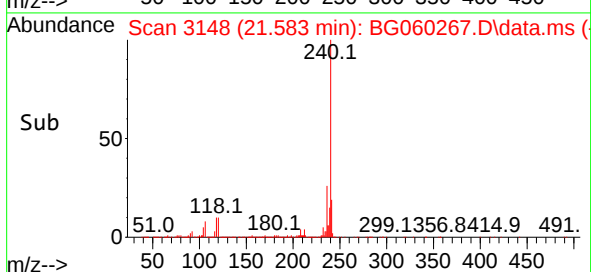
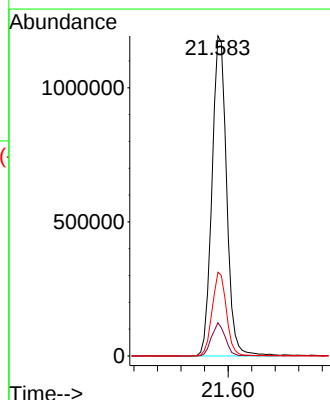
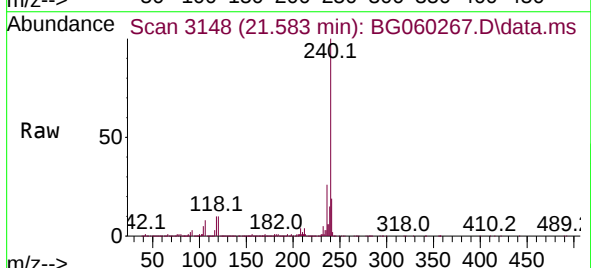
Tgt Ion:240 Resp: 2059590

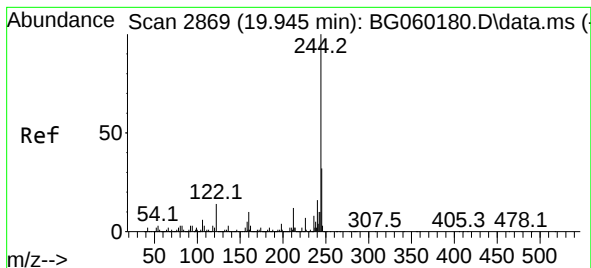
Ion Ratio Lower Upper

240 100

120 10.4 8.5 12.7

236 26.1 21.4 32.2





#79

Terphenyl-d14

Concen: 61.893 ng

RT: 19.943 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG060267.D

Acq: 5 Jan 2024 12:32

Instrument :

BNA_G

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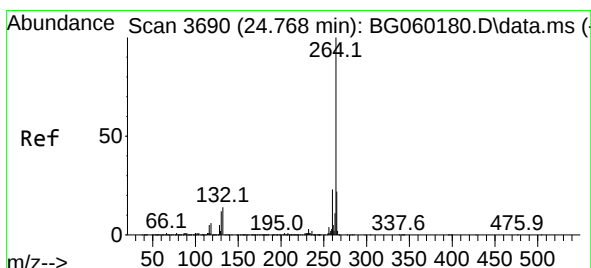
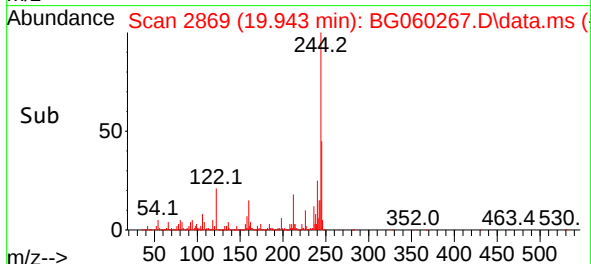
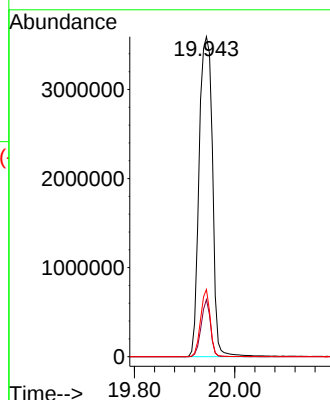
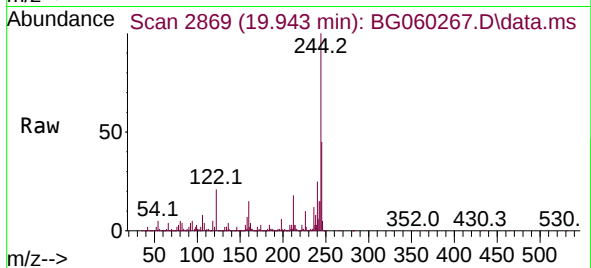
Tgt Ion:244 Resp: 6630620

Ion Ratio Lower Upper

244 100

212 17.8 9.5 14.3#

122 21.0 11.4 17.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.761 min Scan# 3689

Delta R.T. -0.007 min

Lab File: BG060267.D

Acq: 5 Jan 2024 12:32

Tgt Ion:264 Resp: 2259021

Ion Ratio Lower Upper

264 100

260 24.3 18.0 27.0

265 21.4 17.4 26.0

