

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011924\
 Data File : BG060366.D
 Acq On : 19 Jan 2024 12:53
 Operator : MA/JU
 Sample : PB158524BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158524BL

Quant Time: Jan 20 06:30:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	260774	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	1091271	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	842177	20.000	ng	0.00
64) Phenanthrene-d10	17.319	188	2267323	20.000	ng	0.00
76) Chrysene-d12	21.578	240	2099070	20.000	ng	0.00
86) Perylene-d12	24.751	264	2267754	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	2318874	146.259	ng	0.00
7) Phenol-d6	7.095	99	3184462	135.642	ng	0.00
23) Nitrobenzene-d5	9.093	82	2087278	90.318	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	1657138	133.739	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	4772531	78.788	ng	0.00
79) Terphenyl-d14	19.939	244	6652628	77.244	ng	0.00

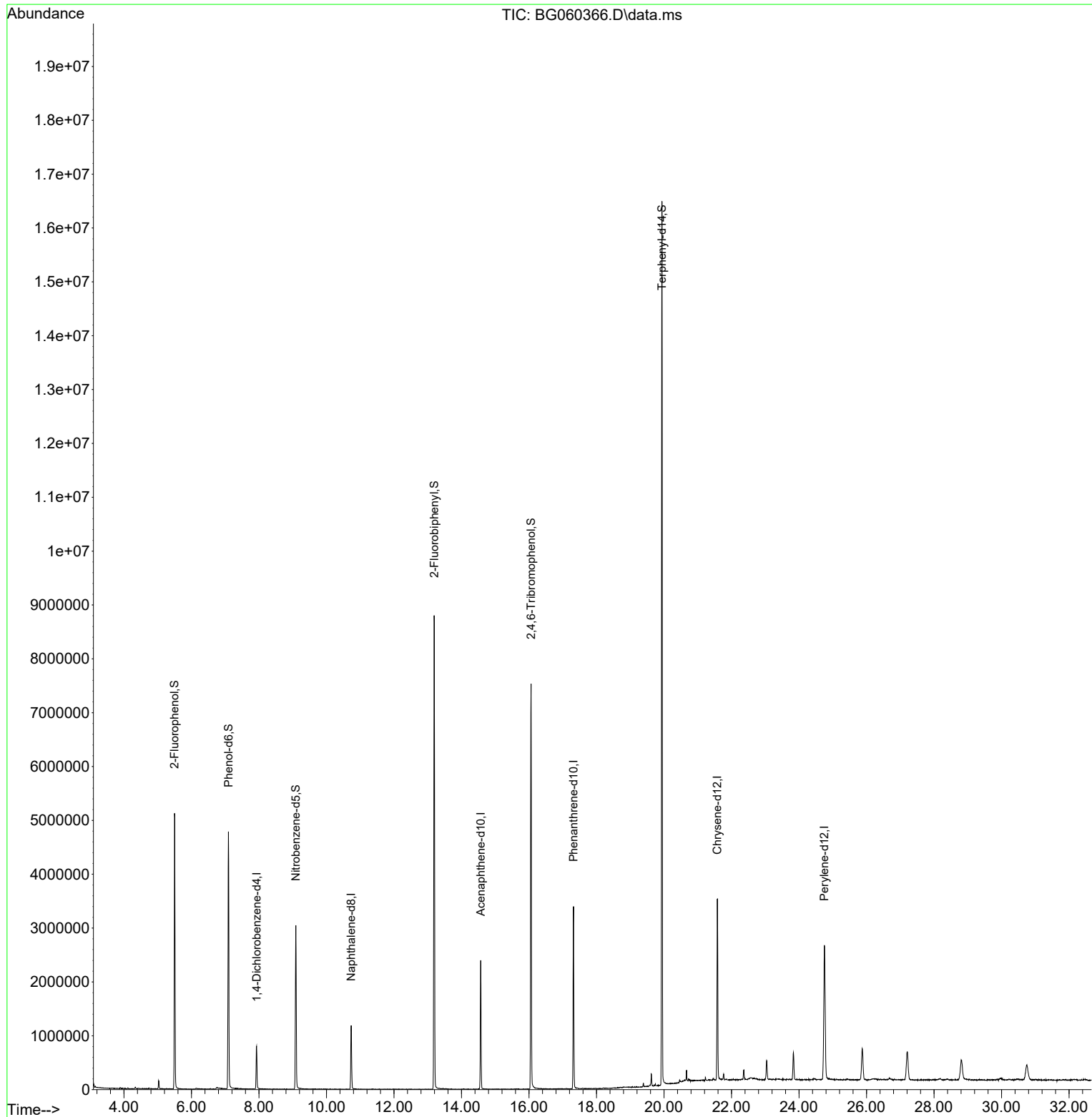
Target Compounds	Qvalue

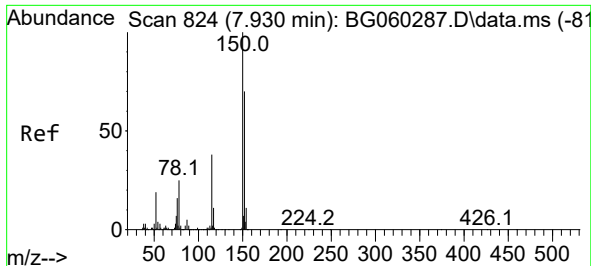
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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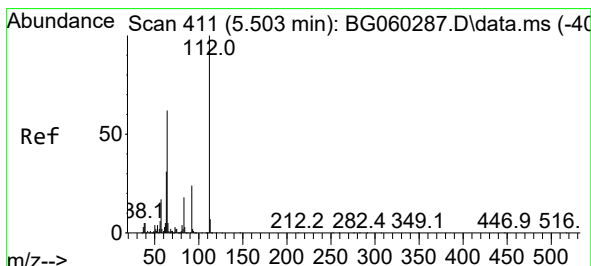
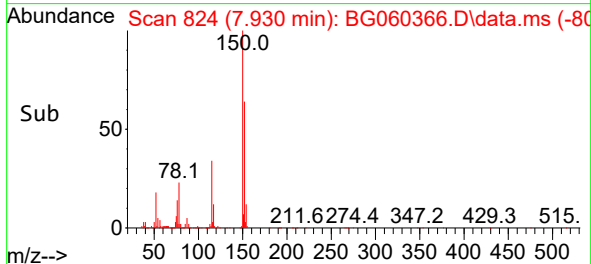
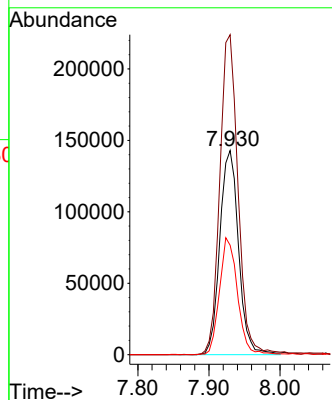
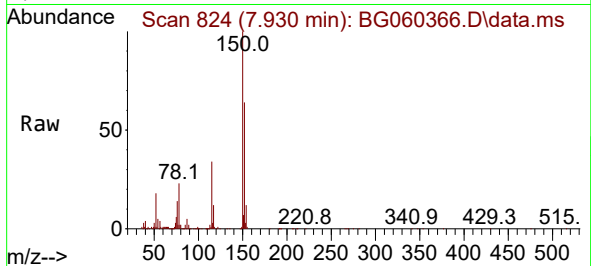




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060366.D
Acq: 19 Jan 2024 12:53

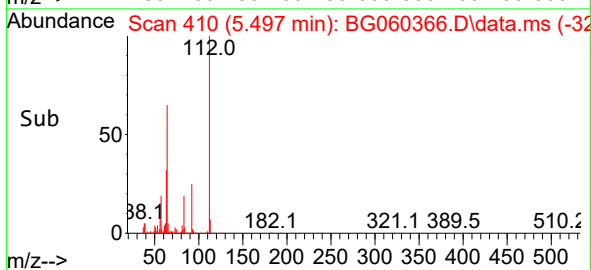
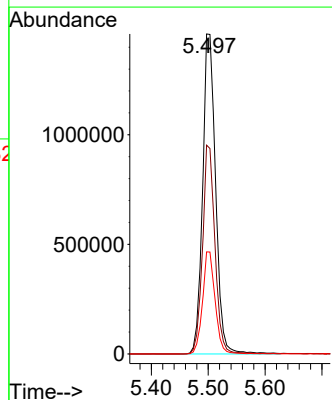
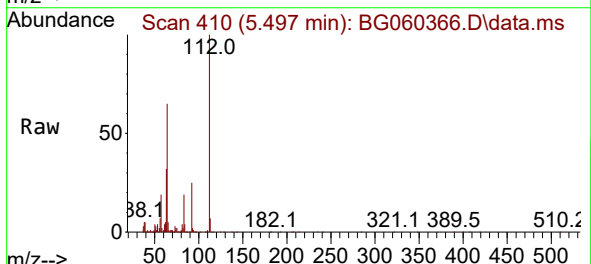
Instrument :
BNA_G
ClientSampleId :
PB158524BL

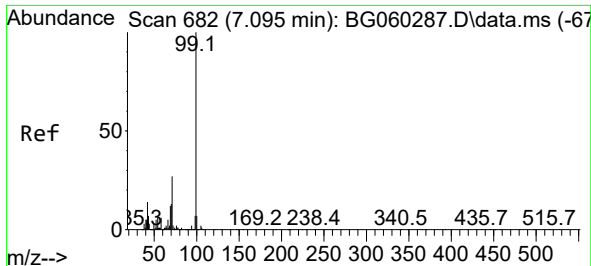
Tgt Ion:152 Resp: 260774
Ion Ratio Lower Upper
152 100
150 156.7 114.5 171.7
115 53.6 43.0 64.6



#5
2-Fluorophenol
Concen: 146.259 ng
RT: 5.497 min Scan# 410
Delta R.T. -0.006 min
Lab File: BG060366.D
Acq: 19 Jan 2024 12:53

Tgt Ion:112 Resp: 2318874
Ion Ratio Lower Upper
112 100
64 65.3 49.8 74.6
63 31.9 24.4 36.6

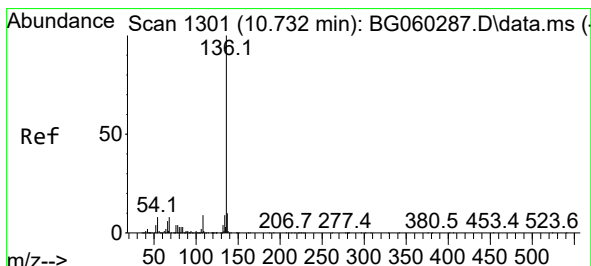
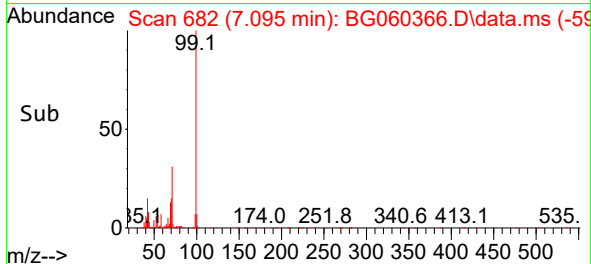
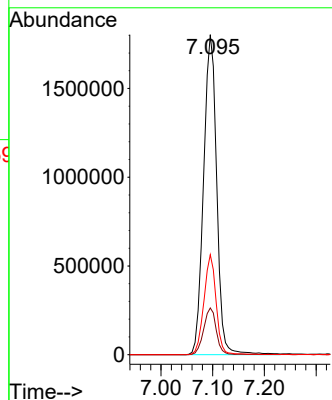
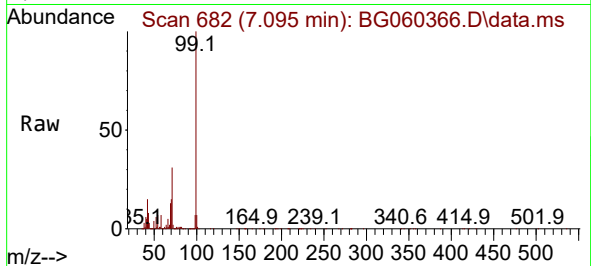




#7
Phenol-d6
Concen: 135.642 ng
RT: 7.095 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060366.D
Acq: 19 Jan 2024 12:53

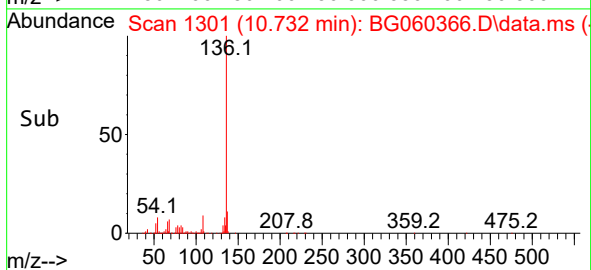
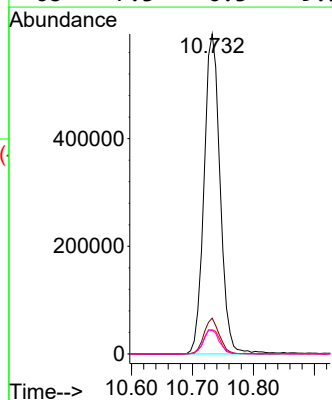
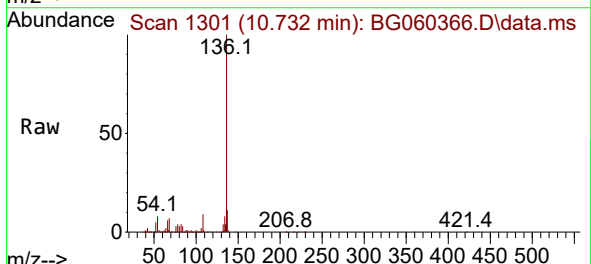
Instrument :
BNA_G
ClientSampleId :
PB158524BL

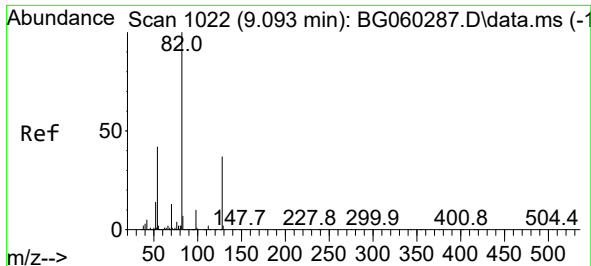
Tgt Ion: 99 Resp: 3184462
Ion Ratio Lower Upper
99 100
42 14.6 10.9 16.3
71 31.2 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BG060366.D
Acq: 19 Jan 2024 12:53

Tgt Ion:136 Resp: 1091271
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 7.5 6.2 9.2
68 7.3 6.3 9.5

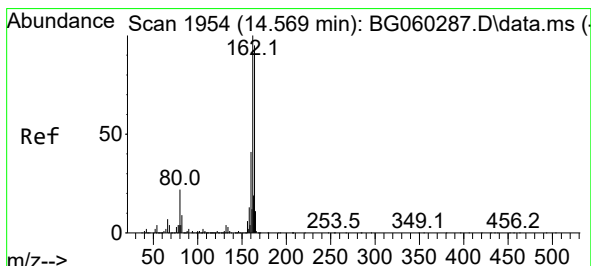
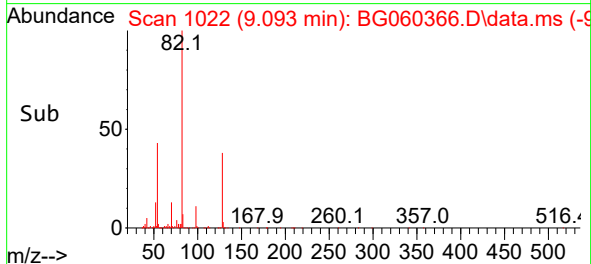
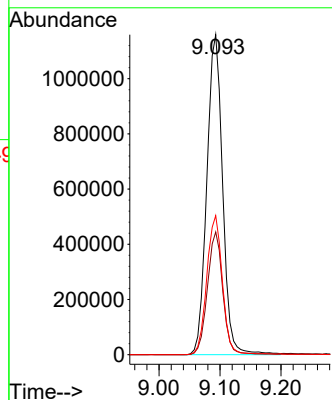
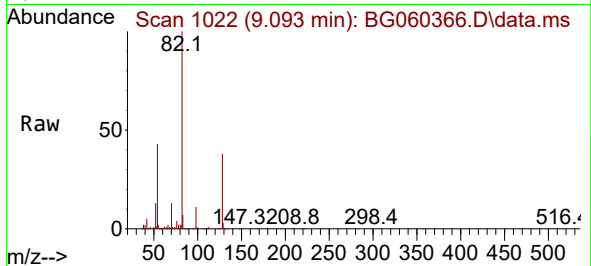




#23
Nitrobenzene-d5
Concen: 90.318 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BG060366.D
Acq: 19 Jan 2024 12:53

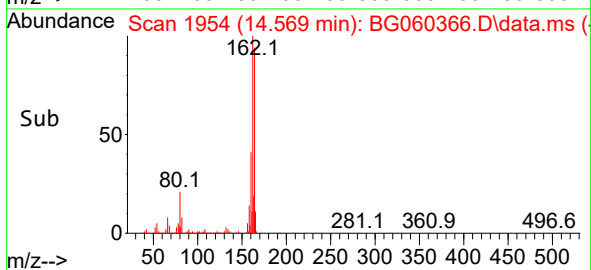
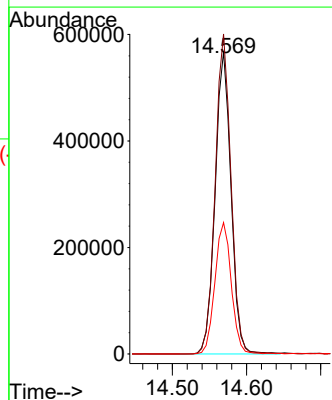
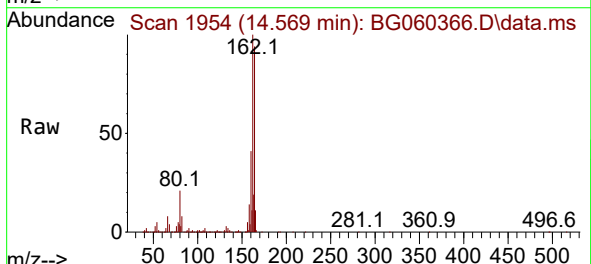
Instrument :
BNA_G
ClientSampleId :
PB158524BL

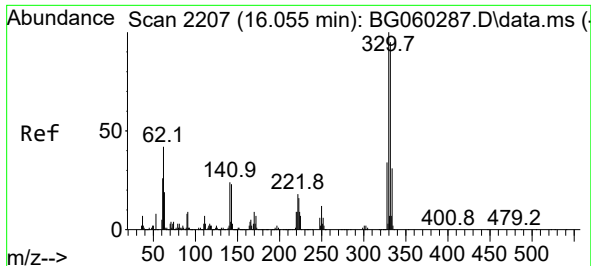
Tgt Ion: 82 Resp: 2087278
Ion Ratio Lower Upper
82 100
128 38.4 29.6 44.4
54 43.4 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BG060366.D
Acq: 19 Jan 2024 12:53

Tgt Ion:164 Resp: 842177
Ion Ratio Lower Upper
164 100
162 105.9 84.4 126.6
160 43.4 34.6 52.0

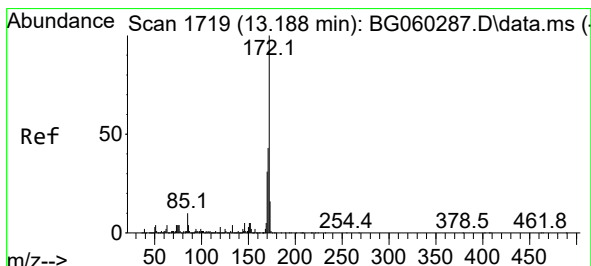
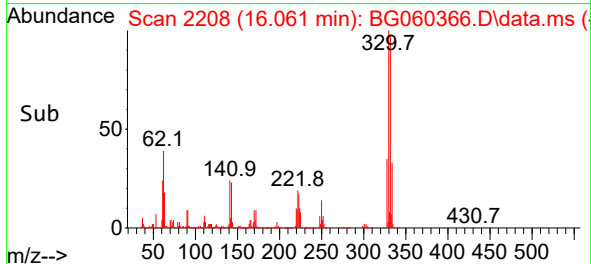
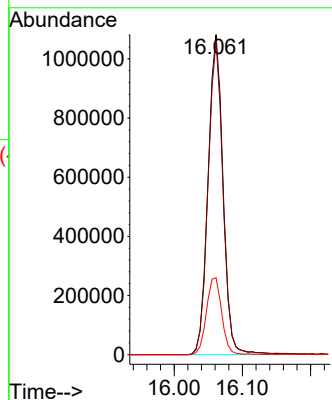
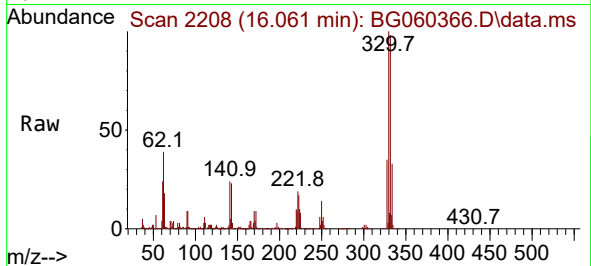




#42
2,4,6-Tribromophenol
Concen: 133.739 ng
RT: 16.061 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG060366.D
Acq: 19 Jan 2024 12:53

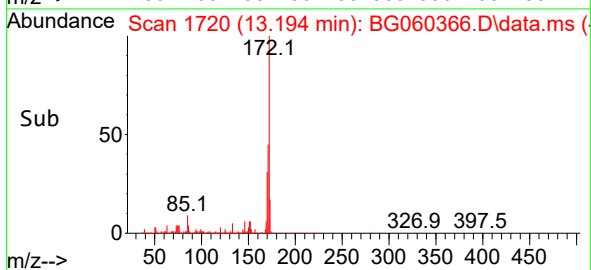
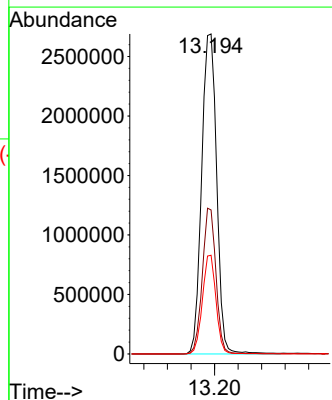
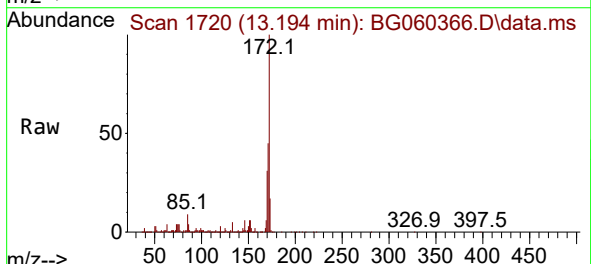
Instrument :
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ClientSampleId :
PB158524BL

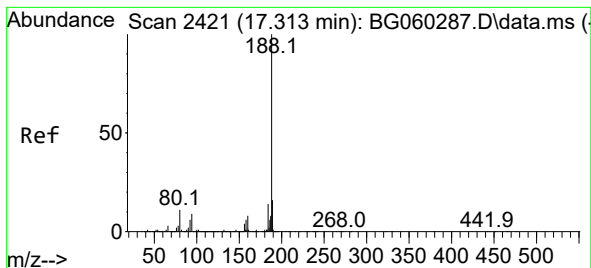
Tgt Ion:330 Resp: 1657138
Ion Ratio Lower Upper
330 100
332 97.8 76.7 115.1
141 24.8 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 78.788 ng
RT: 13.194 min Scan# 1720
Delta R.T. 0.006 min
Lab File: BG060366.D
Acq: 19 Jan 2024 12:53

Tgt Ion:172 Resp: 4772531
Ion Ratio Lower Upper
172 100
171 45.0 34.6 51.8
170 30.9 24.4 36.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.319 min Scan# 24

Delta R.T. 0.006 min

Lab File: BG060366.D

Acq: 19 Jan 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB158524BL

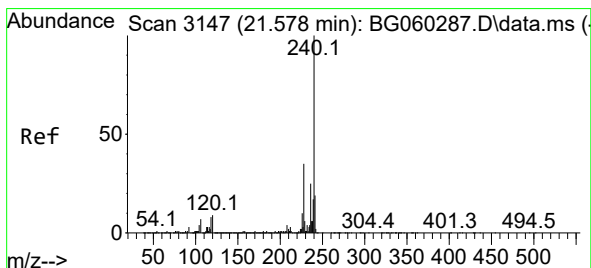
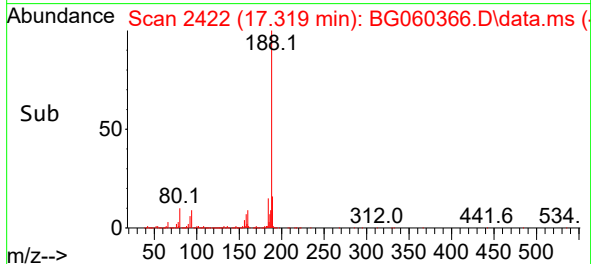
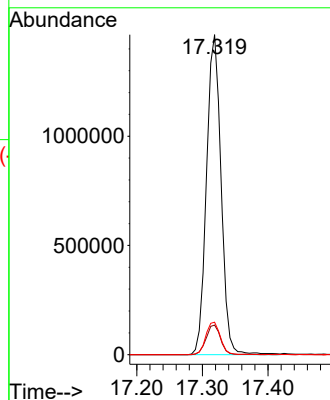
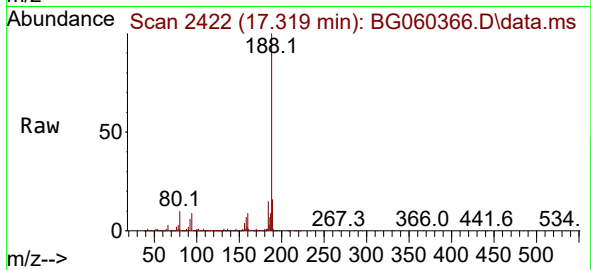
Tgt Ion:188 Resp: 2267323

Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

80 10.1 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.578 min Scan# 3147

Delta R.T. 0.000 min

Lab File: BG060366.D

Acq: 19 Jan 2024 12:53

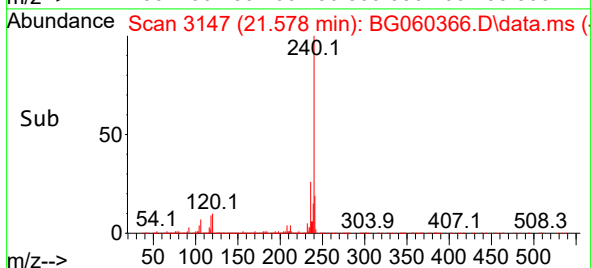
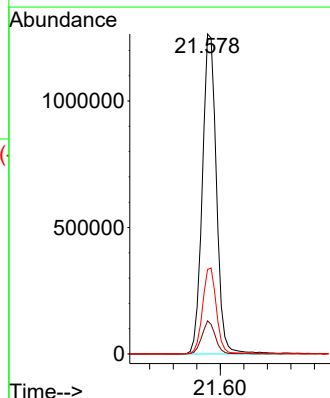
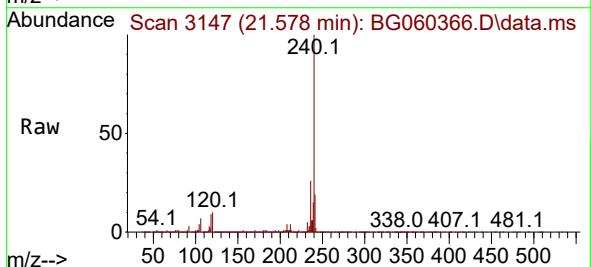
Tgt Ion:240 Resp: 2099070

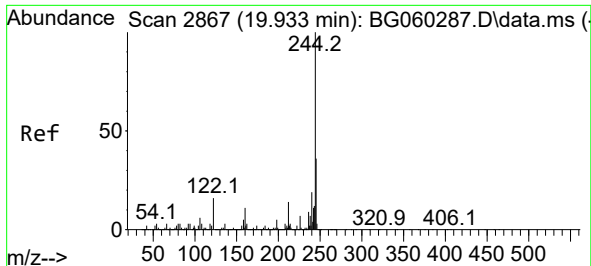
Ion Ratio Lower Upper

240 100

120 10.4 7.3 10.9

236 26.4 20.3 30.5

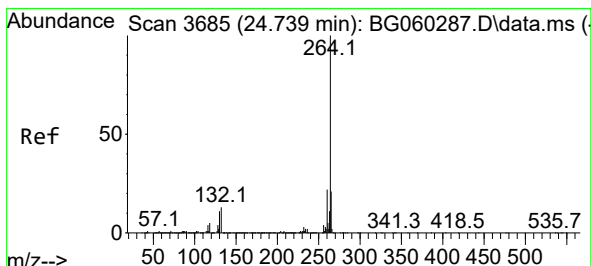
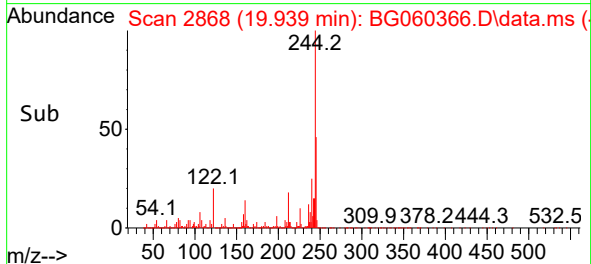
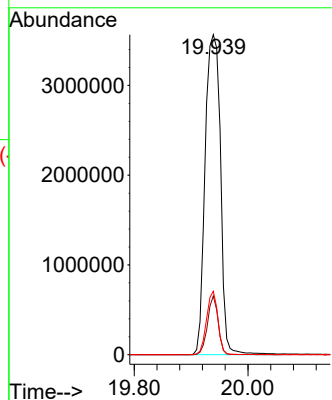
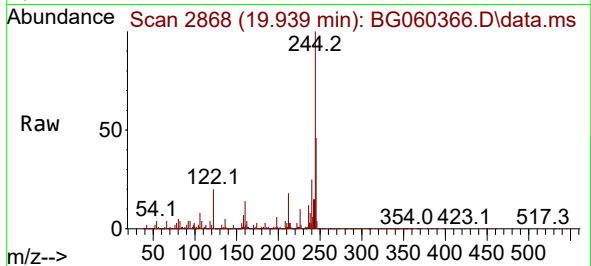




#79
 Terphenyl-d14
 Concen: 77.244 ng
 RT: 19.939 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG060366.D
 Acq: 19 Jan 2024 12:53

Instrument :
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 PB158524BL

Tgt Ion:244 Resp: 6652628
 Ion Ratio Lower Upper
 244 100
 212 18.4 10.9 16.3#
 122 19.8 12.6 18.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.751 min Scan# 3687
 Delta R.T. 0.012 min
 Lab File: BG060366.D
 Acq: 19 Jan 2024 12:53

Tgt Ion:264 Resp: 2267754
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.8 26.6
 265 22.0 16.8 25.2

