

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011224\
 Data File : BG060325.D
 Acq On : 12 Jan 2024 21:12
 Operator : MA/JU
 Sample : P1117-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S2-COMPOSITE

Quant Time: Jan 12 23:45:05 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	259463	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	968899	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	698341	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1754451	20.000	ng	0.00
76) Chrysene-d12	21.573	240	1732083	20.000	ng	0.00
86) Perylene-d12	24.739	264	1813977	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1986028	125.898	ng	0.00
7) Phenol-d6	7.095	99	2761861	118.236	ng	0.00
23) Nitrobenzene-d5	9.093	82	1936967	94.400	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	1289744	125.527	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	4318667	85.980	ng	0.00
79) Terphenyl-d14	19.933	244	6128427	92.048	ng	0.00

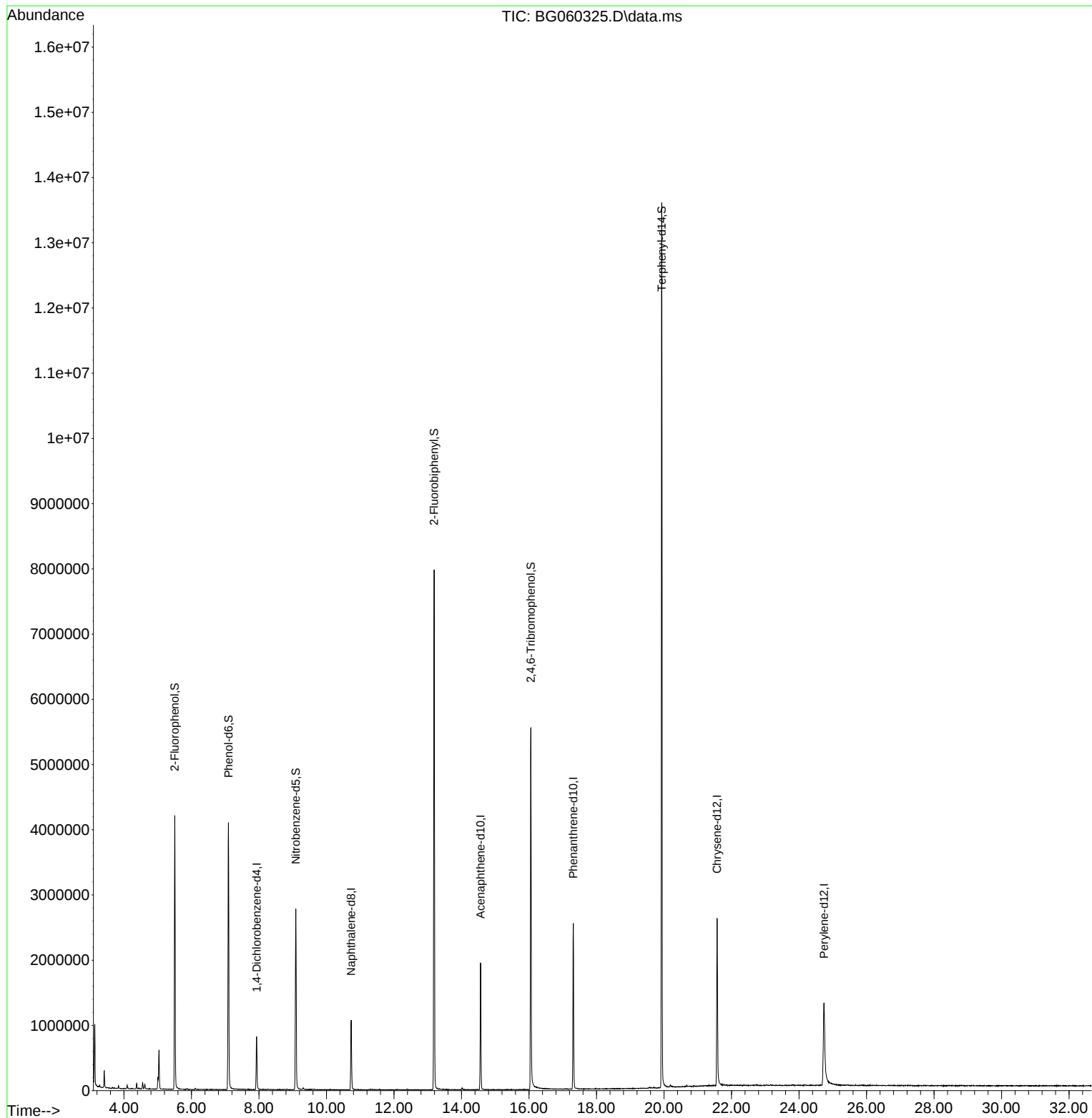
Target Compounds	Qvalue

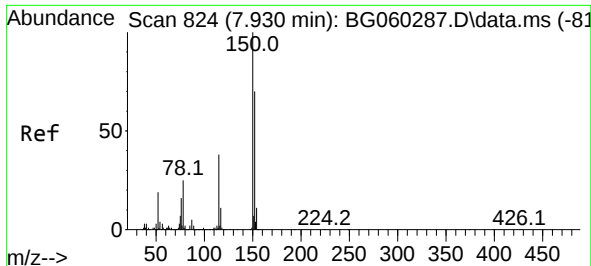
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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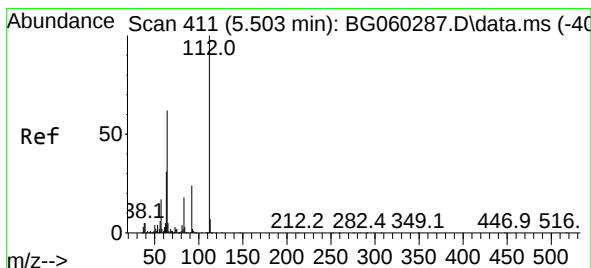
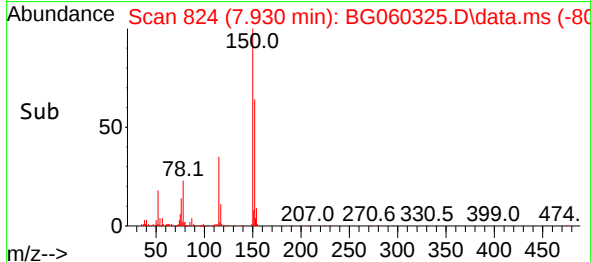
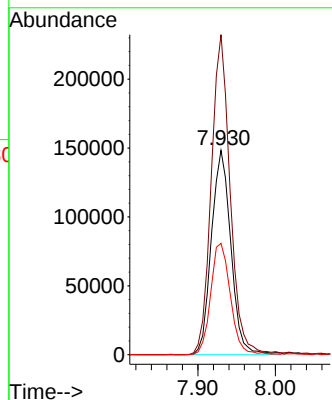
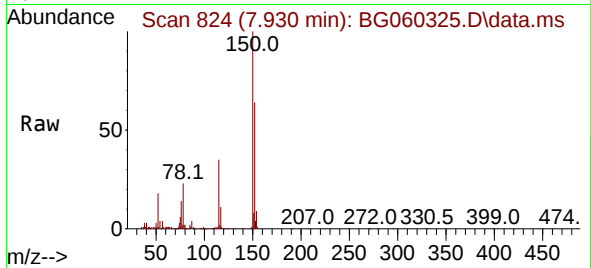




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.930 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BG060325.D
 Acq: 12 Jan 2024 21:12

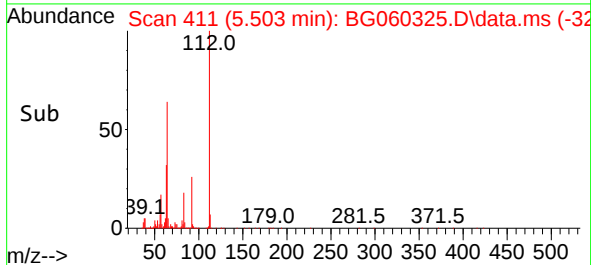
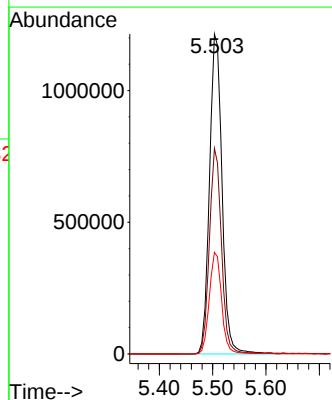
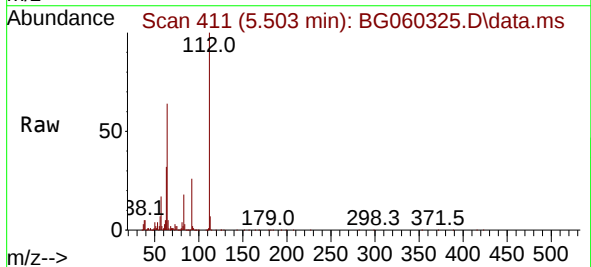
Instrument :
 BNA_G
 ClientSampleId :
 S2-COMPOSITE

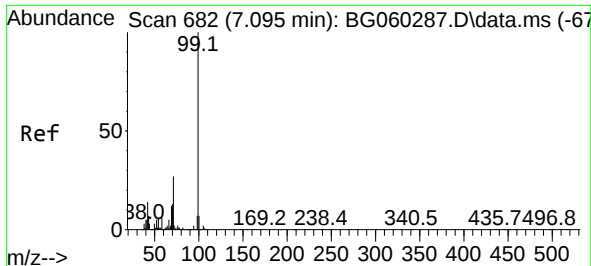
Tgt Ion:152 Resp: 259463
 Ion Ratio Lower Upper
 152 100
 150 156.6 114.5 171.7
 115 54.5 43.0 64.6



#5
 2-Fluorophenol
 Concen: 125.898 ng
 RT: 5.503 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: BG060325.D
 Acq: 12 Jan 2024 21:12

Tgt Ion:112 Resp: 1986028
 Ion Ratio Lower Upper
 112 100
 64 64.2 49.8 74.6
 63 31.8 24.4 36.6

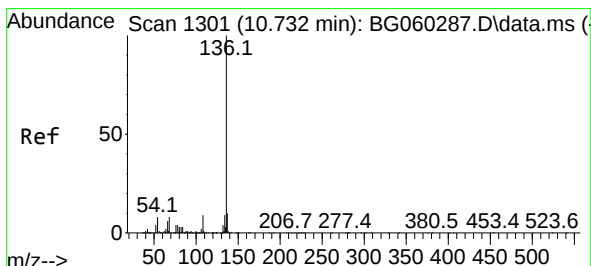
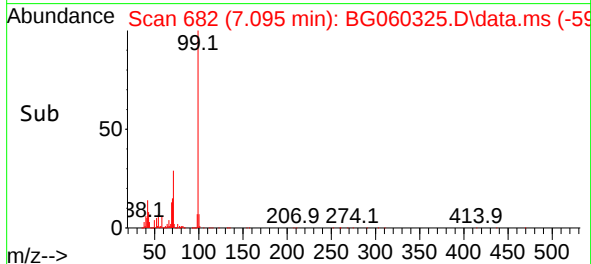
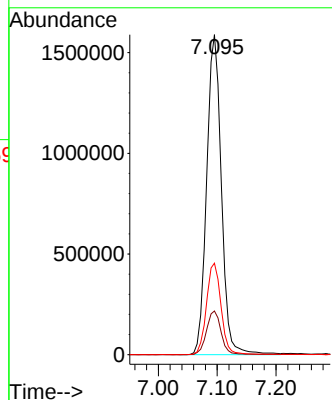
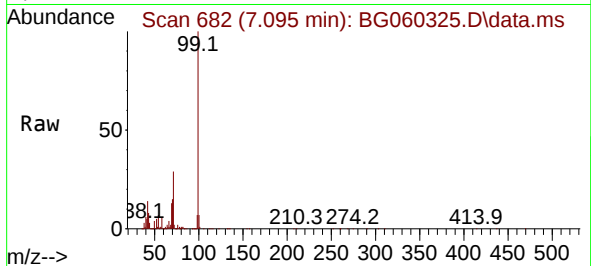




#7
Phenol-d6
Concen: 118.236 ng
RT: 7.095 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060325.D
Acq: 12 Jan 2024 21:12

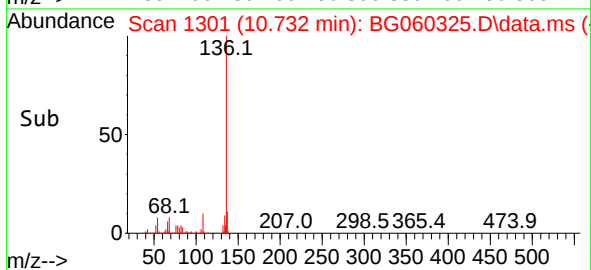
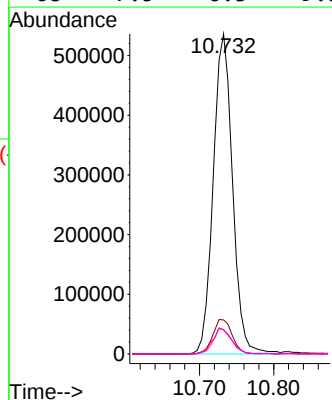
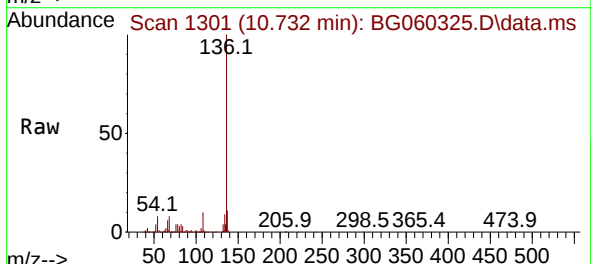
Instrument :
BNA_G
ClientSampleId :
S2-COMPOSITE

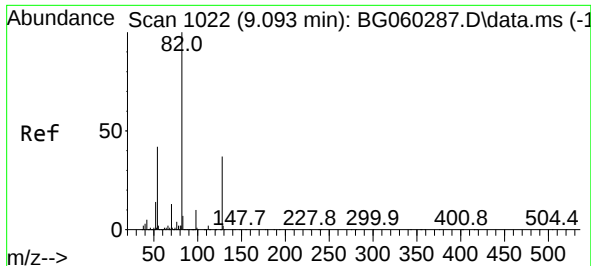
Tgt Ion: 99 Resp: 2761861
Ion Ratio Lower Upper
99 100
42 13.7 10.9 16.3
71 28.6 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BG060325.D
Acq: 12 Jan 2024 21:12

Tgt Ion:136 Resp: 968899
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.4
54 7.6 6.2 9.2
68 7.5 6.3 9.5

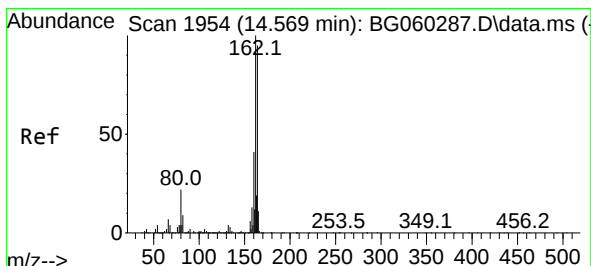
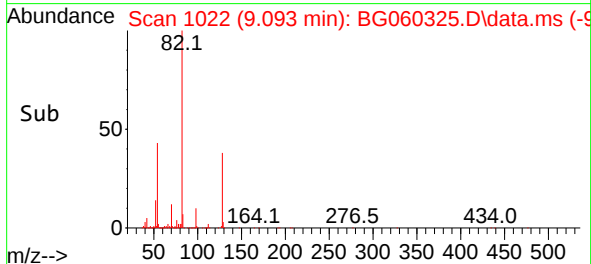
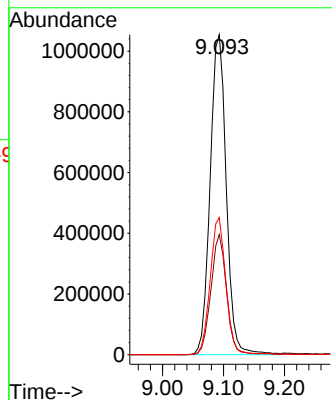
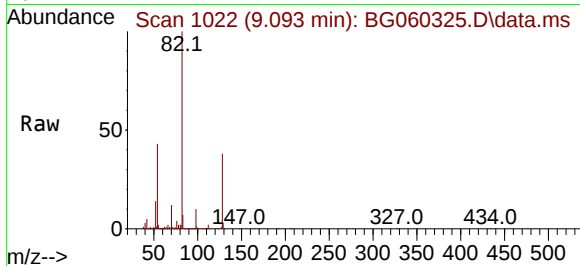




#23
Nitrobenzene-d5
Concen: 94.400 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BG060325.D
Acq: 12 Jan 2024 21:12

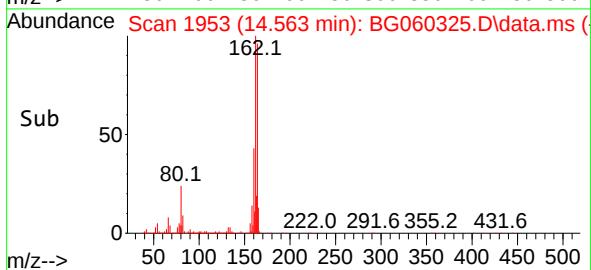
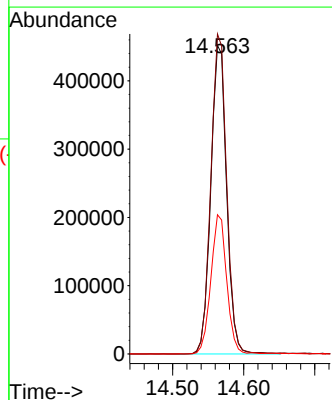
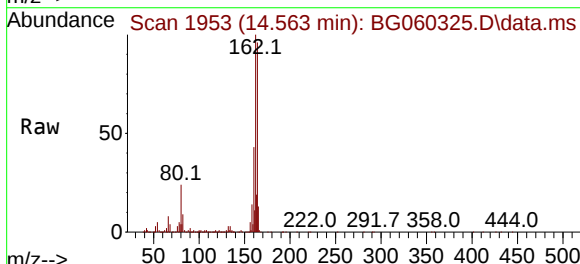
Instrument :
BNA_G
ClientSampleId :
S2-COMPOSITE

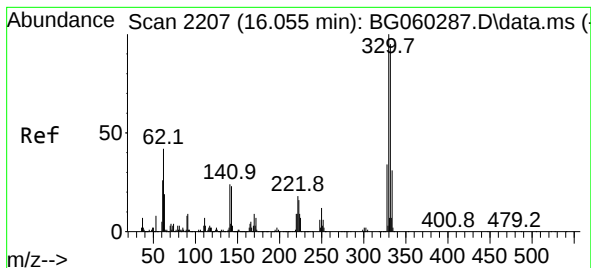
Tgt Ion: 82 Resp: 1936967
Ion Ratio Lower Upper
82 100
128 37.6 29.6 44.4
54 42.8 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BG060325.D
Acq: 12 Jan 2024 21:12

Tgt Ion:164 Resp: 698341
Ion Ratio Lower Upper
164 100
162 103.7 84.4 126.6
160 45.1 34.6 52.0

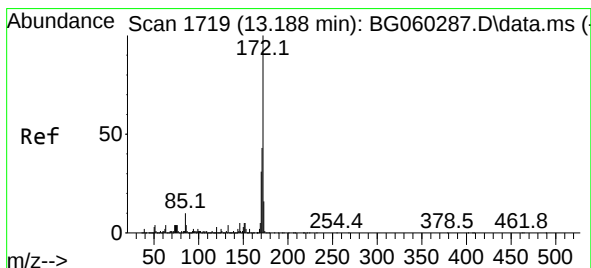
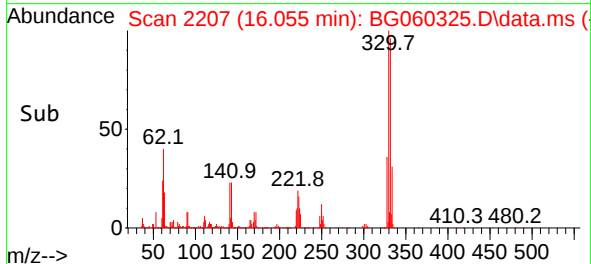
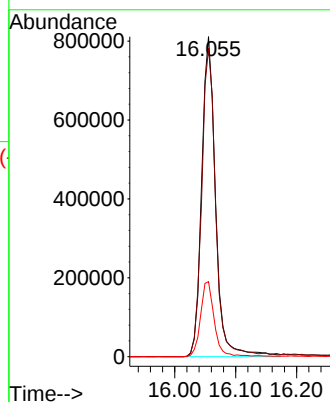
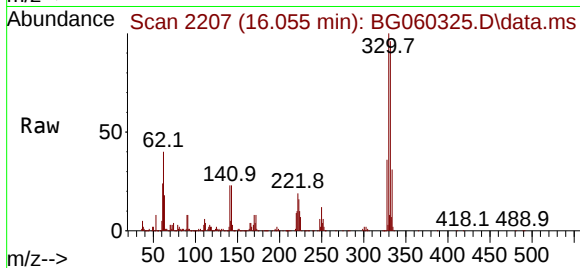




#42
2,4,6-Tribromophenol
Concen: 125.527 ng
RT: 16.055 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060325.D
Acq: 12 Jan 2024 21:12

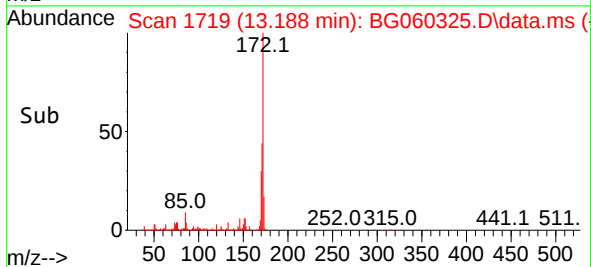
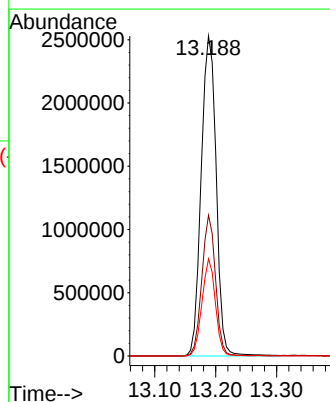
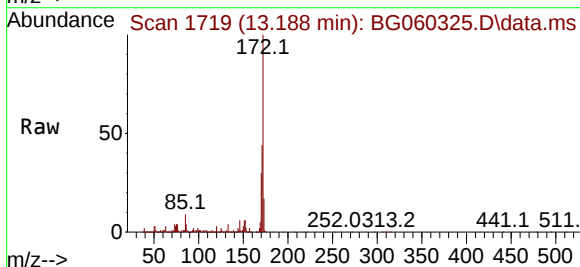
Instrument :
BNA_G
ClientSampleId :
S2-COMPOSITE

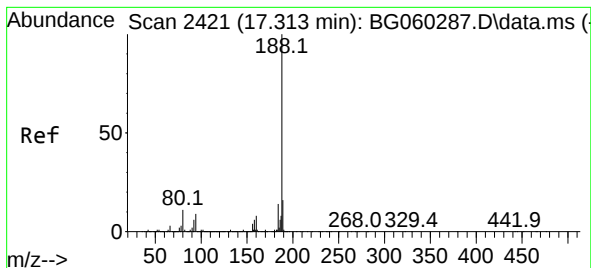
Tgt Ion:330 Resp: 1289744
Ion Ratio Lower Upper
330 100
332 96.3 76.7 115.1
141 23.1 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 85.980 ng
RT: 13.188 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BG060325.D
Acq: 12 Jan 2024 21:12

Tgt Ion:172 Resp: 4318667
Ion Ratio Lower Upper
172 100
171 44.0 34.6 51.8
170 30.4 24.4 36.6

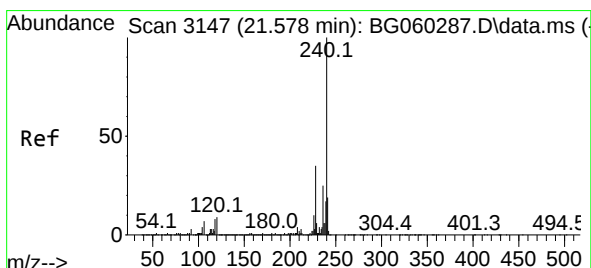
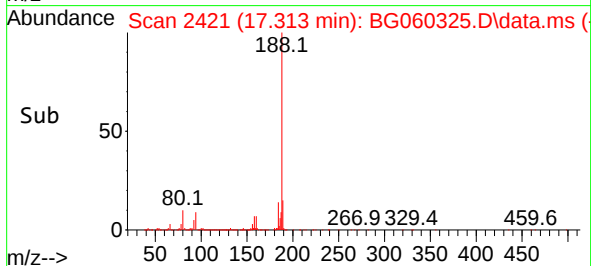
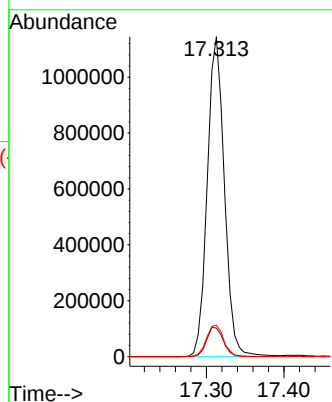
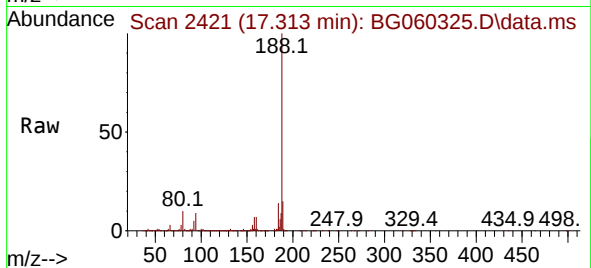




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BG060325.D
Acq: 12 Jan 2024 21:12

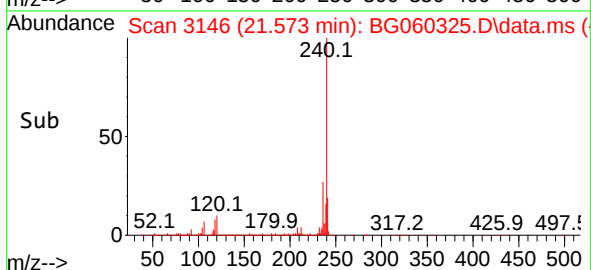
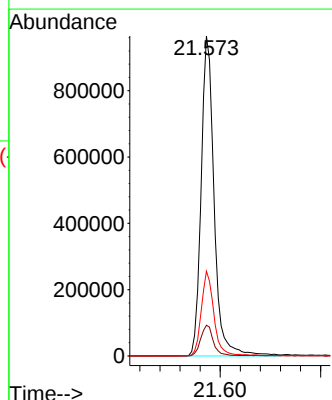
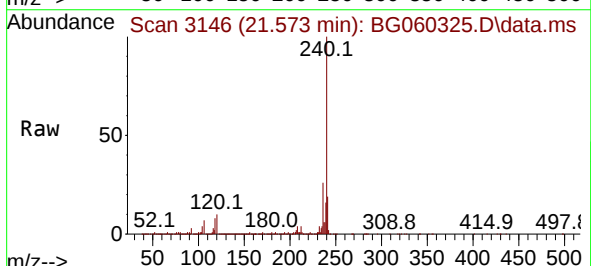
Instrument :
BNA_G
ClientSampleId :
S2-COMPOSITE

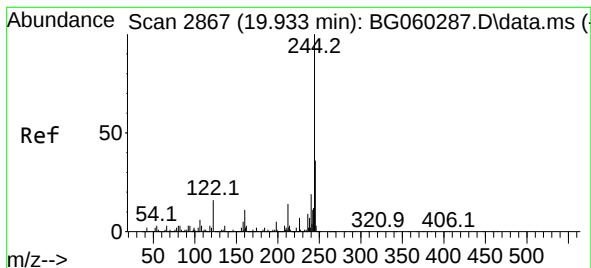
Tgt Ion:188 Resp: 1754451
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 9.9 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.573 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BG060325.D
Acq: 12 Jan 2024 21:12

Tgt Ion:240 Resp: 1732083
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 26.5 20.3 30.5





#79

Terphenyl-d14

Concen: 92.048 ng

RT: 19.933 min Scan# 2867

Delta R.T. 0.000 min

Lab File: BG060325.D

Acq: 12 Jan 2024 21:12

Instrument :

BNA_G

ClientSampleId :

S2-COMPOSITE

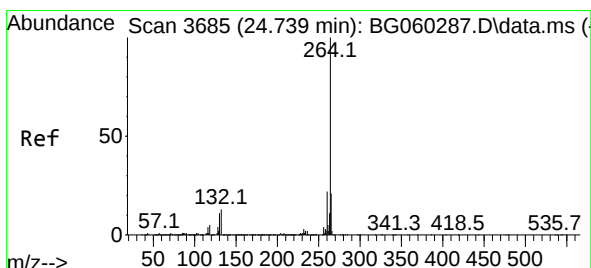
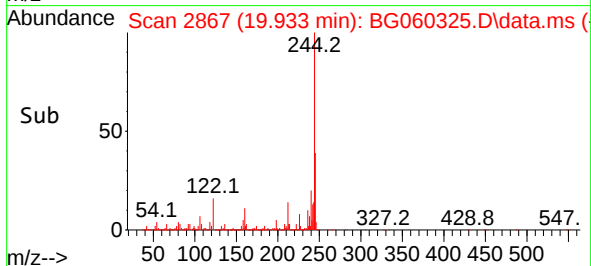
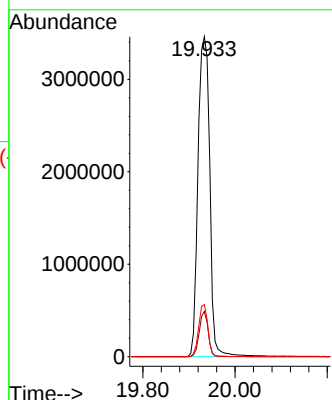
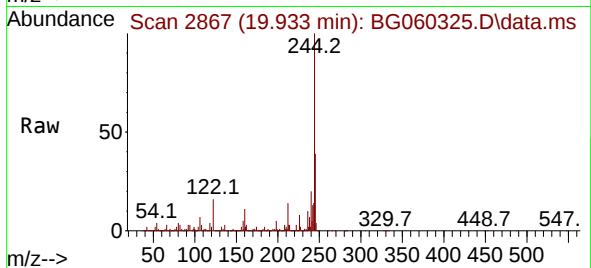
Tgt Ion:244 Resp: 6128427

Ion Ratio Lower Upper

244 100

212 14.2 10.9 16.3

122 16.2 12.6 18.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.739 min Scan# 3685

Delta R.T. 0.000 min

Lab File: BG060325.D

Acq: 12 Jan 2024 21:12

Tgt Ion:264 Resp: 1813977

Ion Ratio Lower Upper

264 100

260 24.7 17.8 26.6

265 22.8 16.8 25.2

