

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012224\
 Data File : BG060385.D
 Acq On : 22 Jan 2024 15:05
 Operator : MA/JU
 Sample : P1207-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EC68-EAST

Quant Time: Jan 22 15:37:57 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	7.923	152	202047	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	783817	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	585460	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	1619520	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1557435	20.000	ng	0.00
86) Perylene-d12	24.739	264	1737060	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	1420928	115.672	ng	0.00
7) Phenol-d6	7.095	99	2198705	120.875	ng	0.00
23) Nitrobenzene-d5	9.086	82	1277545	76.964	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	1242153	144.205	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	3276853	77.817	ng	0.00
79) Terphenyl-d14	19.932	244	5526628	92.505	ng	0.00

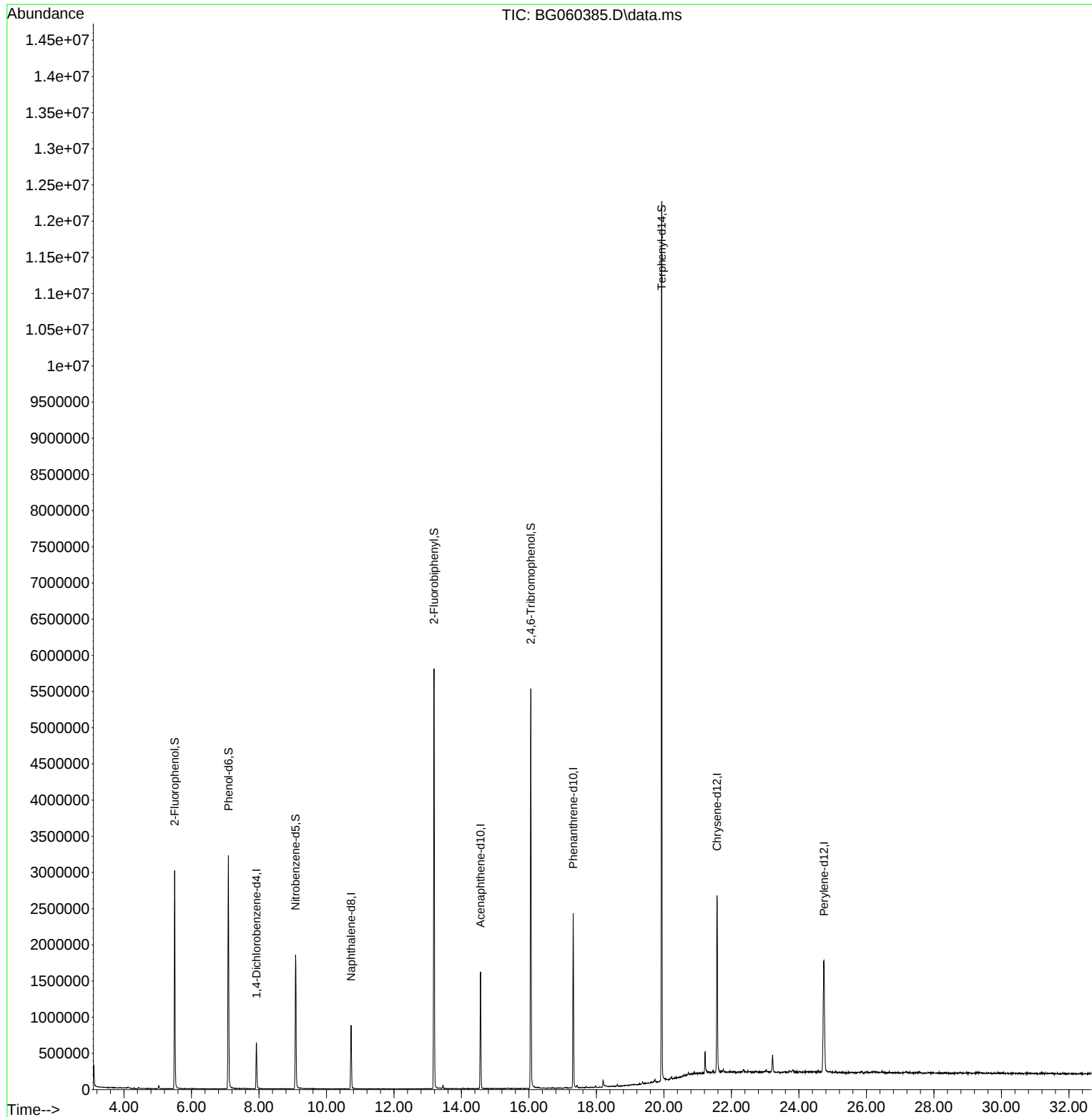
Target Compounds	Qvalue

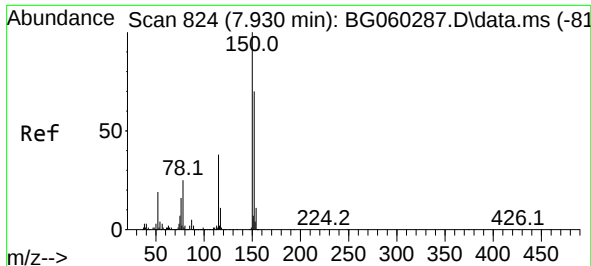
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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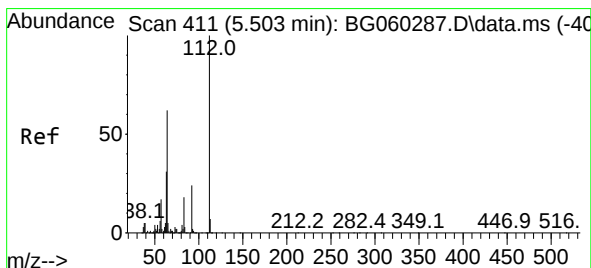
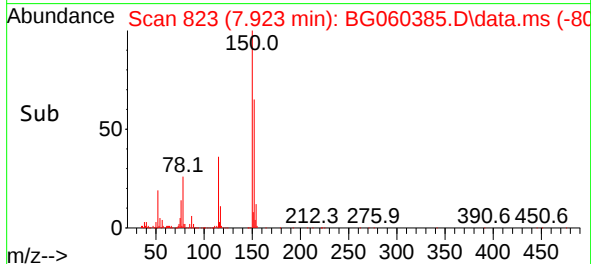
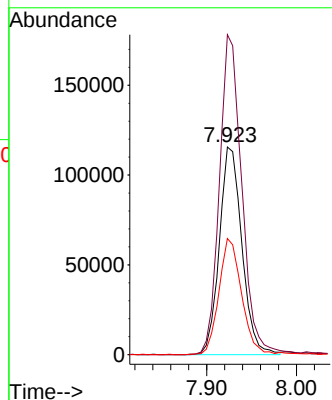
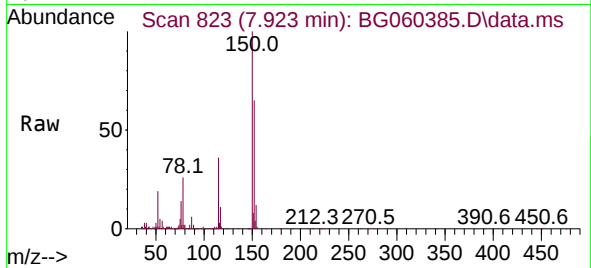




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060385.D
Acq: 22 Jan 2024 15:05

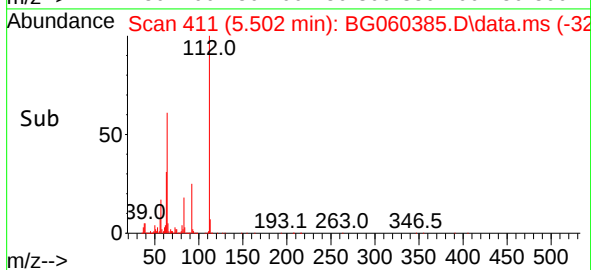
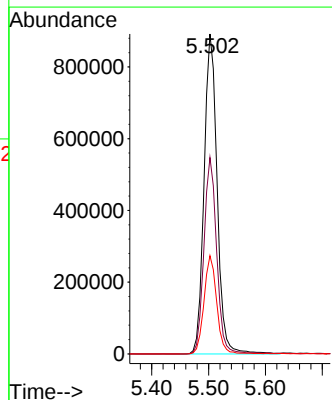
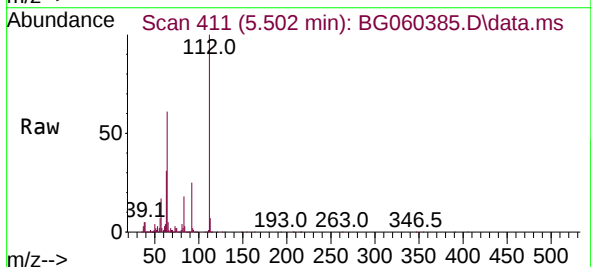
Instrument :
BNA_G
ClientSampleId :
EC68-EAST

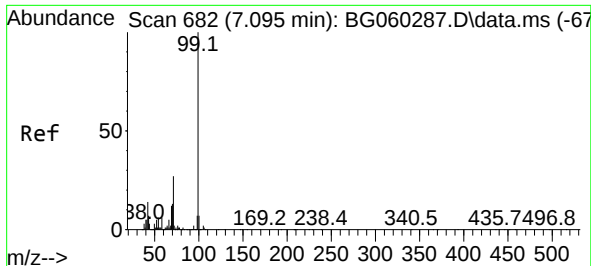
Tgt Ion:152 Resp: 202047
Ion Ratio Lower Upper
152 100
150 154.2 114.5 171.7
115 55.9 43.0 64.6



#5
2-Fluorophenol
Concen: 115.672 ng
RT: 5.502 min Scan# 411
Delta R.T. -0.001 min
Lab File: BG060385.D
Acq: 22 Jan 2024 15:05

Tgt Ion:112 Resp: 1420928
Ion Ratio Lower Upper
112 100
64 61.4 49.8 74.6
63 30.7 24.4 36.6



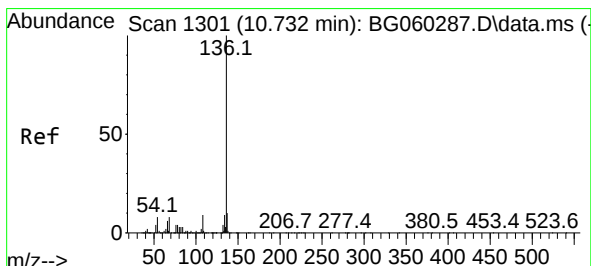
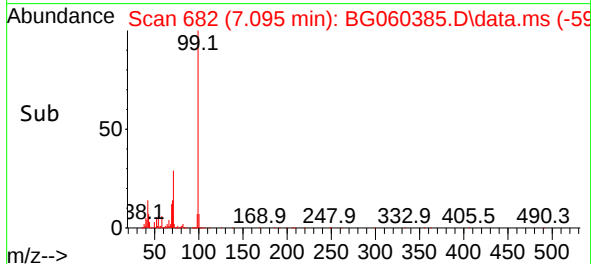
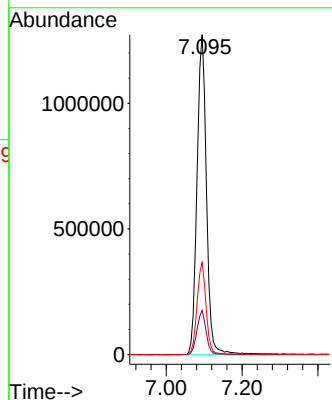
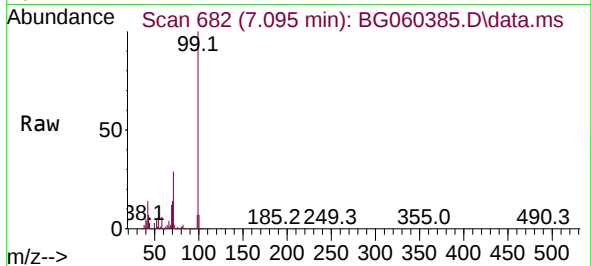


#7
Phenol-d6
Concen: 120.875 ng
RT: 7.095 min Scan# 682
Delta R.T. -0.001 min
Lab File: BG060385.D
Acq: 22 Jan 2024 15:05

Instrument :
BNA_G
ClientSampleId :
EC68-EAST

Tgt Ion: 99 Resp: 2198705

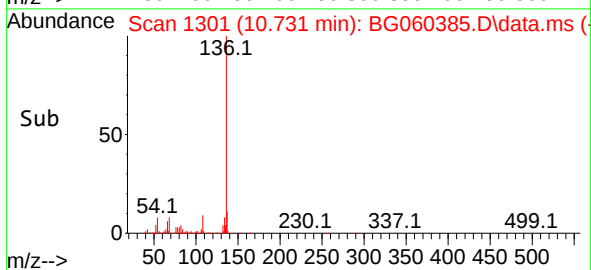
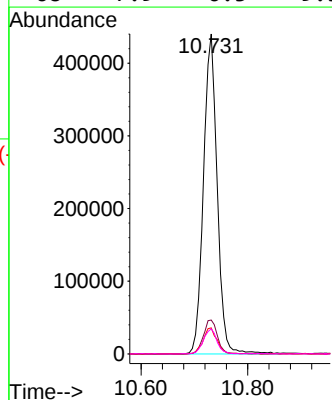
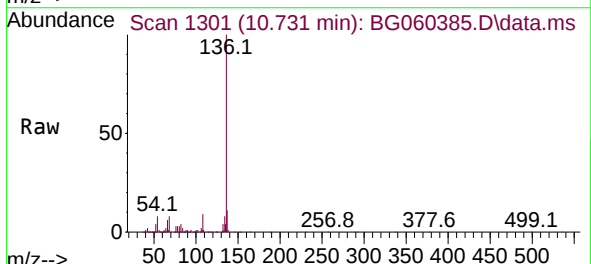
Ion	Ratio	Lower	Upper
99	100		
42	13.8	10.9	16.3
71	28.8	21.5	32.3

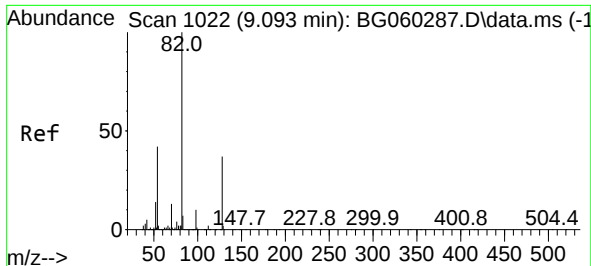


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1301
Delta R.T. -0.001 min
Lab File: BG060385.D
Acq: 22 Jan 2024 15:05

Tgt Ion:136 Resp: 783817

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	8.1	6.2	9.2
68	7.9	6.3	9.5





#23

Nitrobenzene-d5

Concen: 76.964 ng

RT: 9.086 min Scan# 1021

Delta R.T. -0.007 min

Lab File: BG060385.D

Acq: 22 Jan 2024 15:05

Instrument :

BNA_G

ClientSampleId :

EC68-EAST

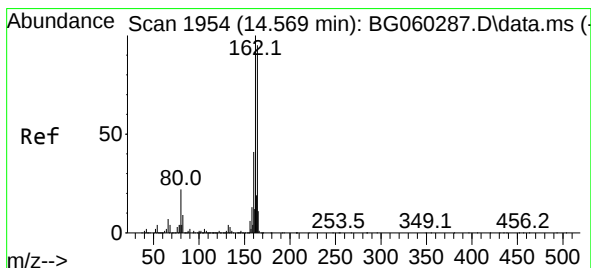
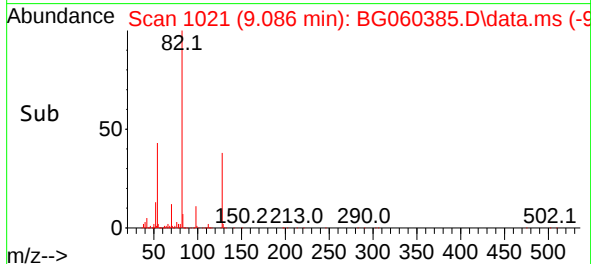
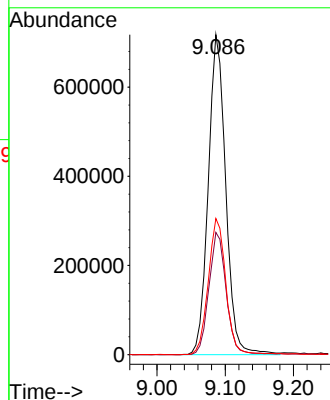
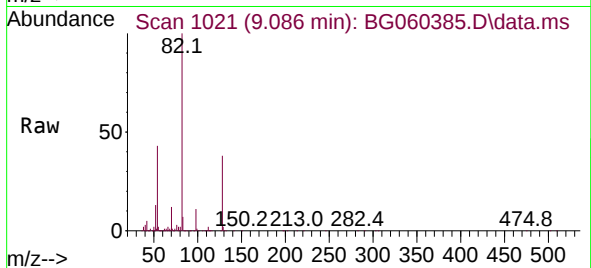
Tgt Ion: 82 Resp: 1277545

Ion Ratio Lower Upper

82 100

128 38.2 29.6 44.4

54 42.5 33.6 50.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.562 min Scan# 1953

Delta R.T. -0.007 min

Lab File: BG060385.D

Acq: 22 Jan 2024 15:05

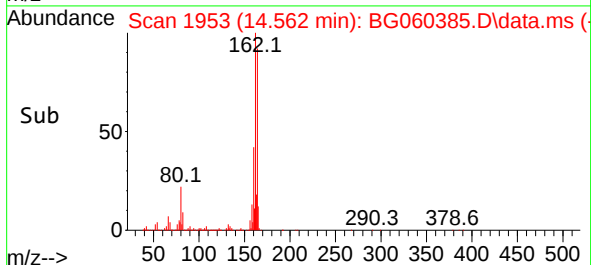
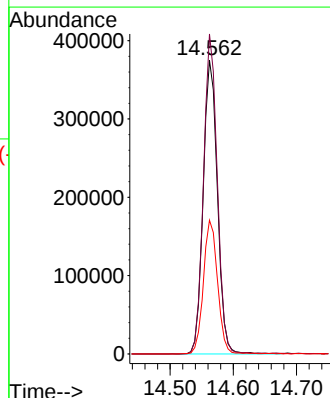
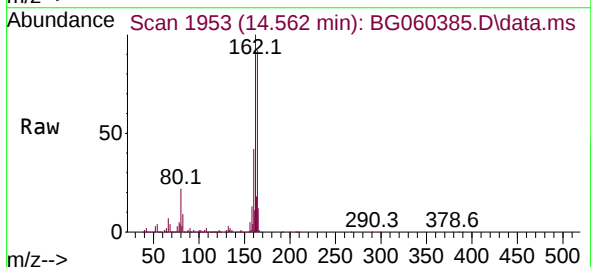
Tgt Ion:164 Resp: 585460

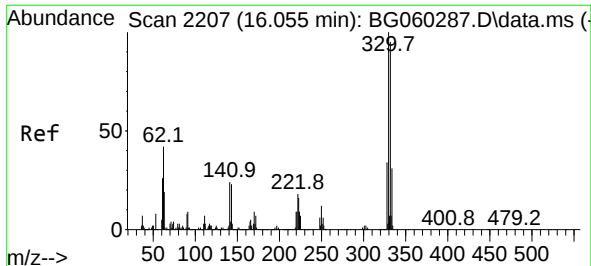
Ion Ratio Lower Upper

164 100

162 108.9 84.4 126.6

160 45.5 34.6 52.0

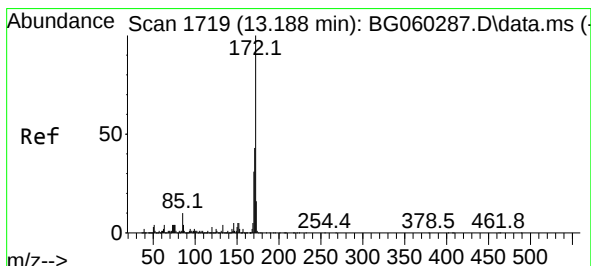
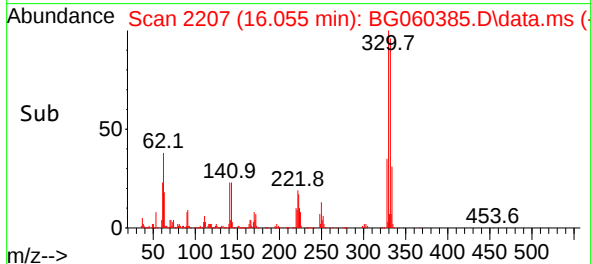
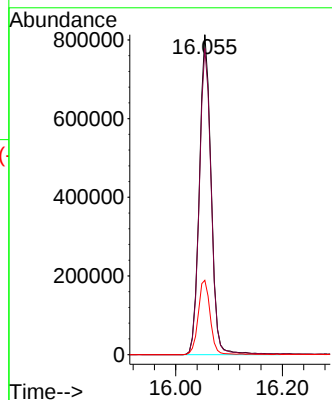
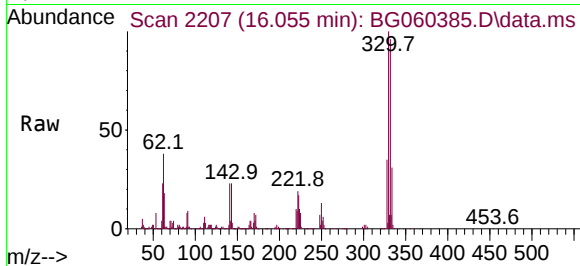




#42
2,4,6-Tribromophenol
Concen: 144.205 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060385.D
Acq: 22 Jan 2024 15:05

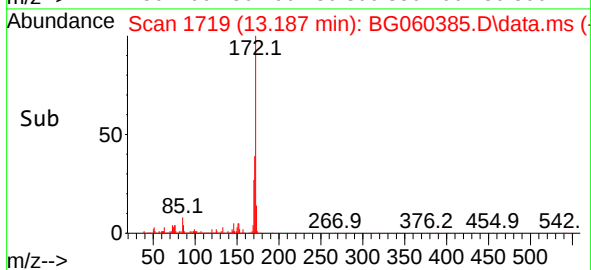
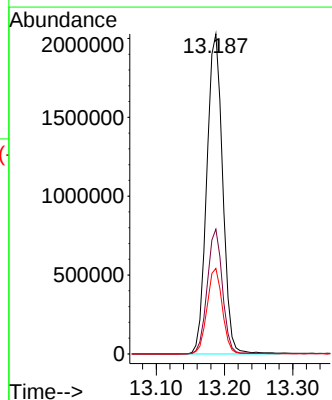
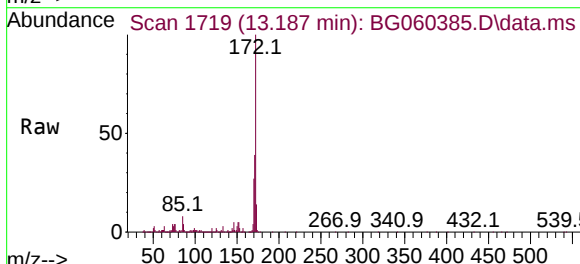
Instrument :
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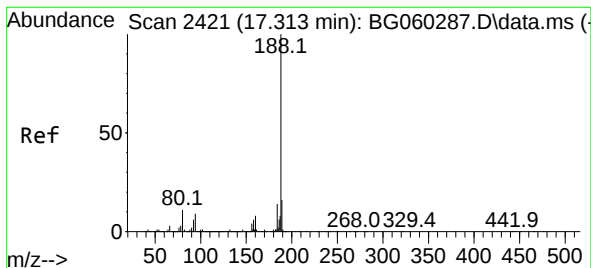
Tgt Ion:330 Resp: 1242153
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 23.6 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 77.817 ng
RT: 13.187 min Scan# 1719
Delta R.T. -0.001 min
Lab File: BG060385.D
Acq: 22 Jan 2024 15:05

Tgt Ion:172 Resp: 3276853
Ion Ratio Lower Upper
172 100
171 39.0 34.6 51.8
170 26.7 24.4 36.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.312 min Scan# 2421

Delta R.T. -0.001 min

Lab File: BG060385.D

Acq: 22 Jan 2024 15:05

Instrument :

BNA_G

ClientSampleId :

EC68-EAST

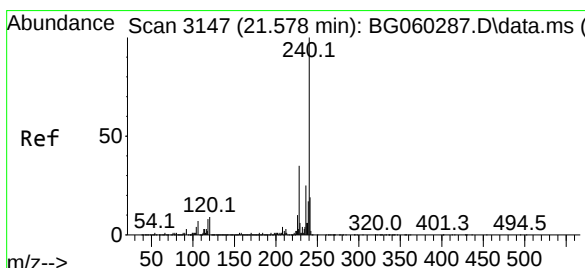
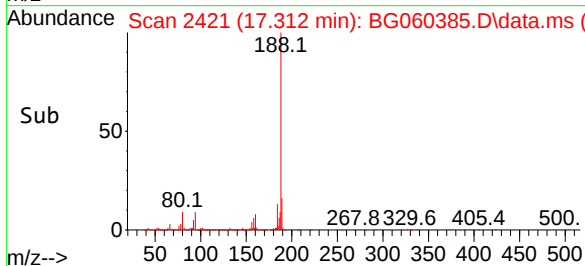
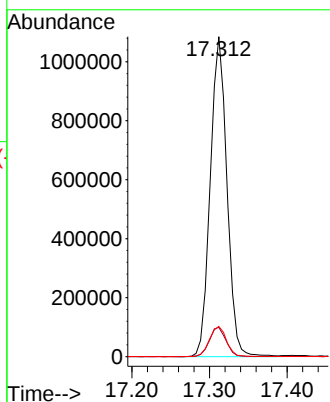
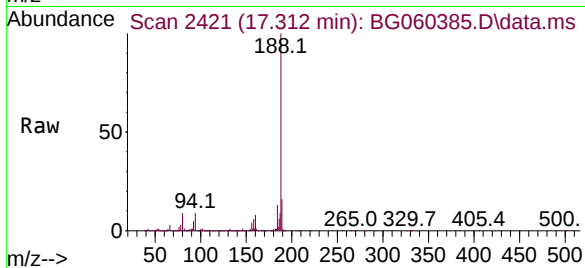
Tgt Ion:188 Resp: 1619520

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

80 9.4 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.572 min Scan# 3146

Delta R.T. -0.007 min

Lab File: BG060385.D

Acq: 22 Jan 2024 15:05

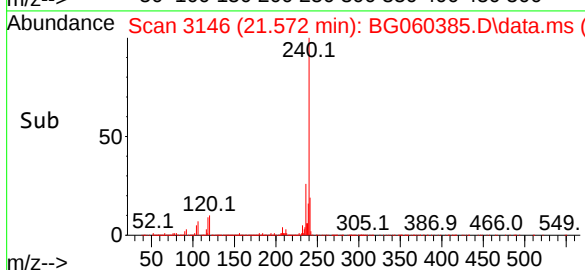
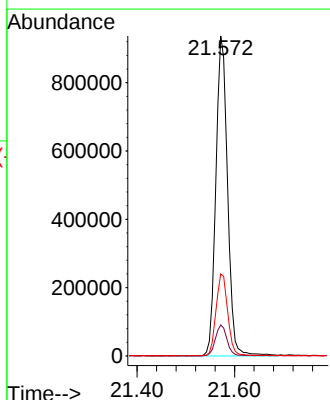
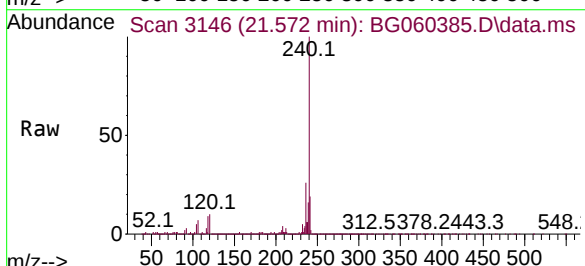
Tgt Ion:240 Resp: 1557435

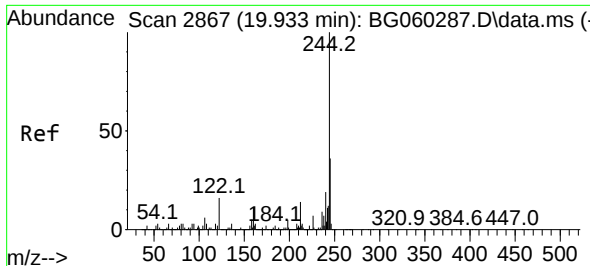
Ion Ratio Lower Upper

240 100

120 9.7 7.3 10.9

236 25.6 20.3 30.5

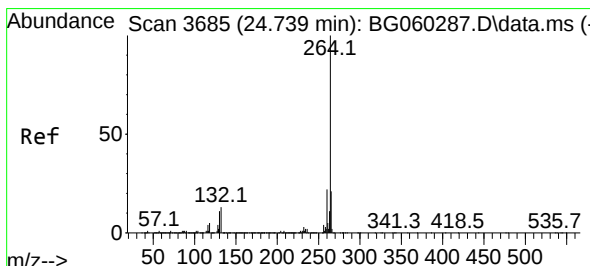
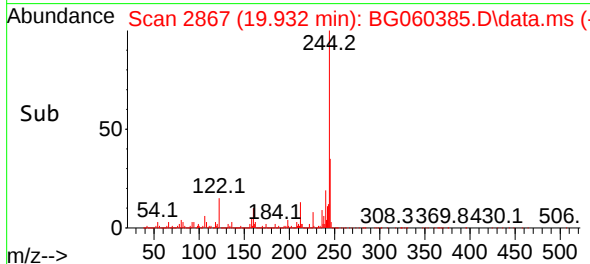
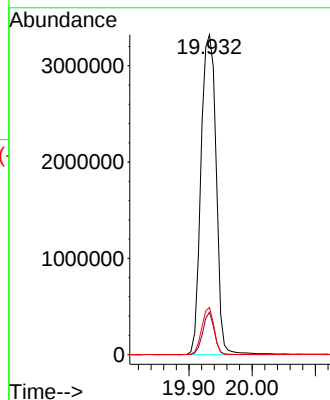
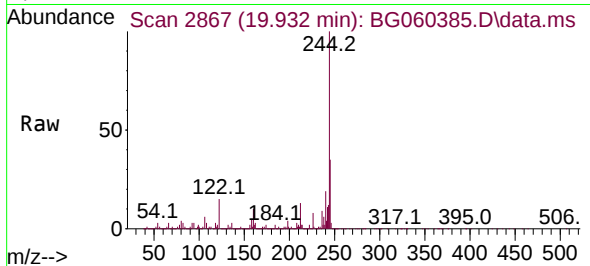




#79
 Terphenyl-d14
 Concen: 92.505 ng
 RT: 19.932 min Scan# 2867
 Delta R.T. -0.001 min
 Lab File: BG060385.D
 Acq: 22 Jan 2024 15:05

Instrument :
 BNA_G
 ClientSampleId :
 EC68-EAST

Tgt Ion:244 Resp: 5526628
 Ion Ratio Lower Upper
 244 100
 212 13.2 10.9 16.3
 122 14.7 12.6 18.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.739 min Scan# 3685
 Delta R.T. -0.001 min
 Lab File: BG060385.D
 Acq: 22 Jan 2024 15:05

Tgt Ion:264 Resp: 1737060
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.8 26.6
 265 21.4 16.8 25.2

