

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041723\
 Data File : BG057122.D
 Acq On : 17 Apr 2023 22:35
 Operator : CG/JU
 Sample : 02366-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20230339-COMP-17

Quant Time: Apr 18 01:23:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 19:00:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.398	152	16706	20.000	ng	-0.01
21) Naphthalene-d8	11.236	136	69263	20.000	ng	#-0.01
39) Acenaphthene-d10	15.013	164	49999	20.000	ng	0.00
64) Phenanthrene-d10	17.750	188	111292	20.000	ng	#-0.01
76) Chrysene-d12	22.068	240	89833	20.000	ng	#-0.01
86) Perylene-d12	25.605	264	100492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.914	112	128223	122.839	ng	0.00
7) Phenol-d6	7.535	99	246215	157.711	ng	0.00
23) Nitrobenzene-d5	9.573	82	150551	88.939	ng	-0.01
42) 2,4,6-Tribromophenol	16.493	330	96071	120.277	ng	0.00
45) 2-Fluorobiphenyl	13.638	172	277903	75.369	ng	0.00
79) Terphenyl-d14	20.318	244	459178	86.494	ng	0.00

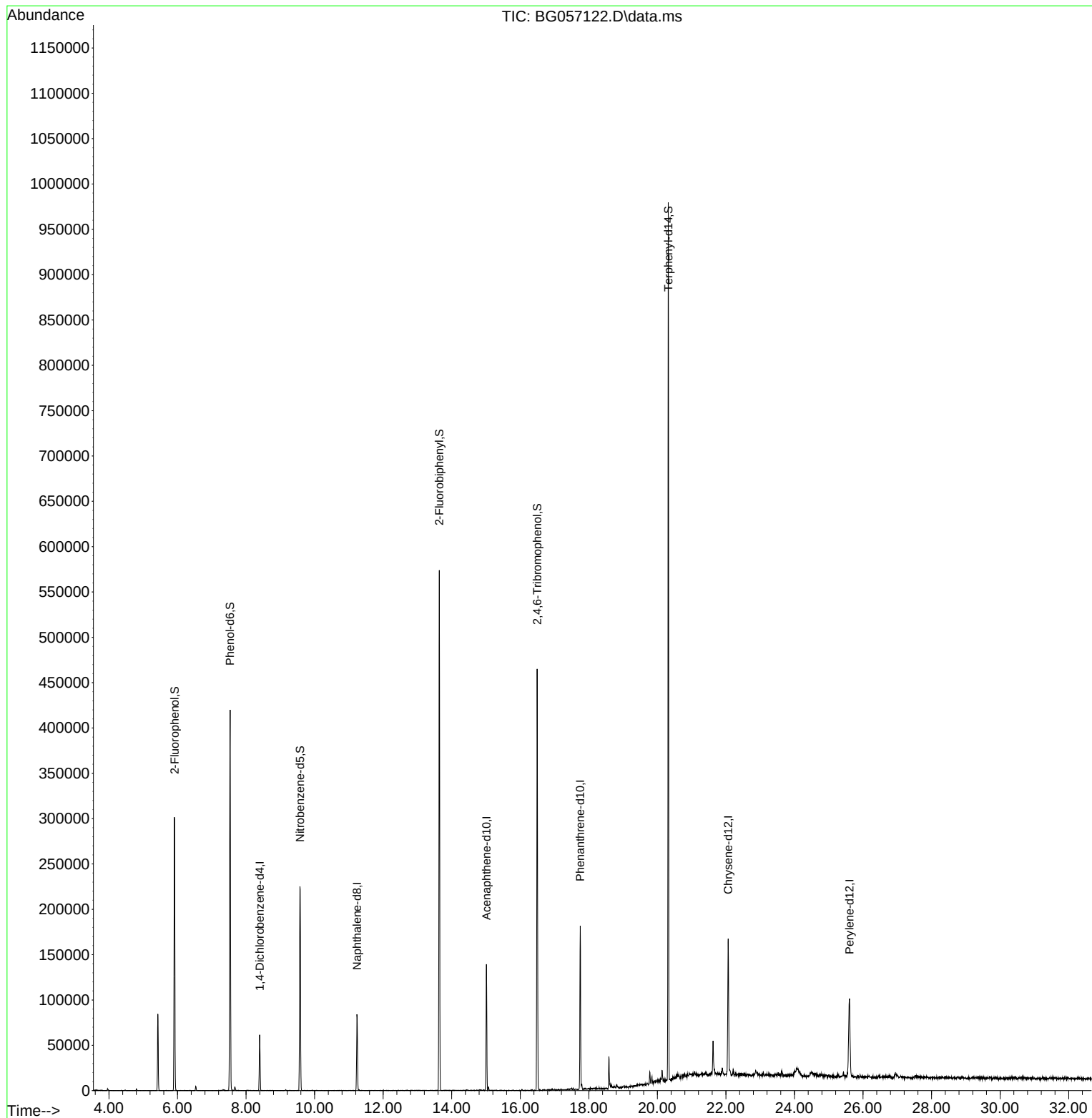
Target Compounds	Qvalue

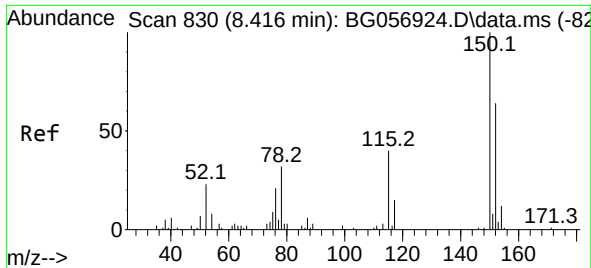
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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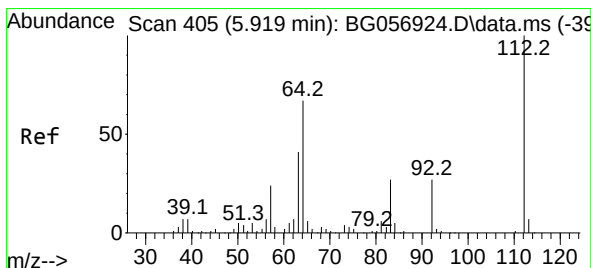
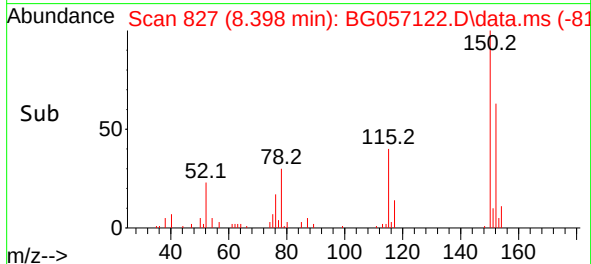
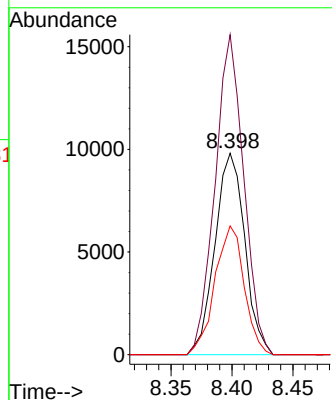
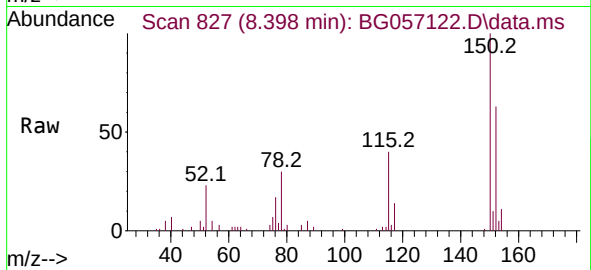




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.398 min Scan# 81
Delta R.T. -0.013 min
Lab File: BG057122.D
Acq: 17 Apr 2023 22:35

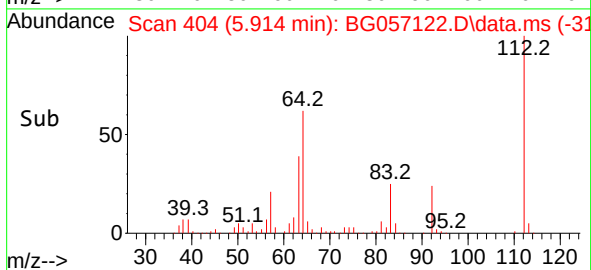
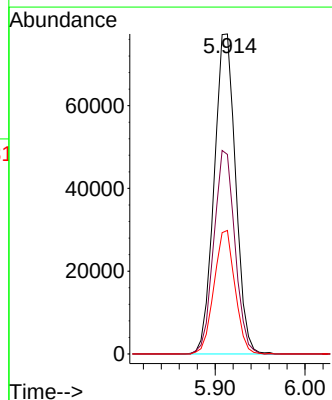
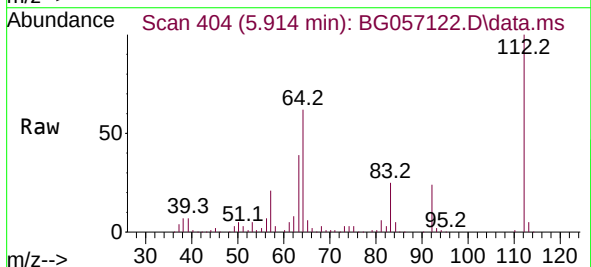
Instrument :
BNA_G
ClientSampleId :
20230339-COMP-17

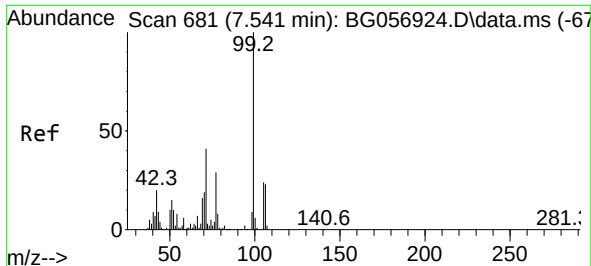
Tgt Ion:152 Resp: 16706
Ion Ratio Lower Upper
152 100
150 158.8 124.1 186.1
115 63.9 49.1 73.7



#5
2-Fluorophenol
Concen: 122.839 ng
RT: 5.914 min Scan# 404
Delta R.T. -0.001 min
Lab File: BG057122.D
Acq: 17 Apr 2023 22:35

Tgt Ion:112 Resp: 128223
Ion Ratio Lower Upper
112 100
64 62.4 53.2 79.8
63 38.6 32.6 48.8

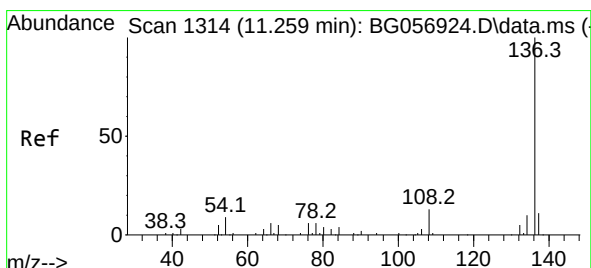
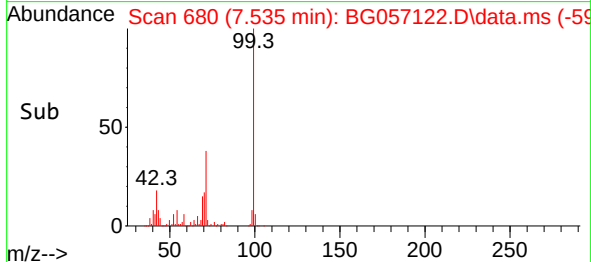
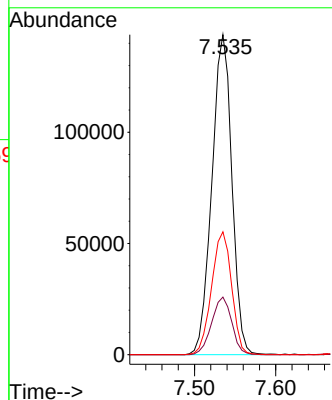
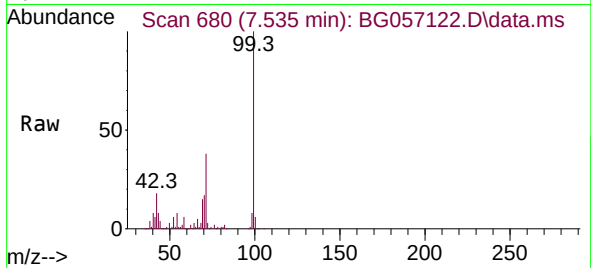




#7
Phenol-d6
Concen: 157.711 ng
RT: 7.535 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057122.D
Acq: 17 Apr 2023 22:35

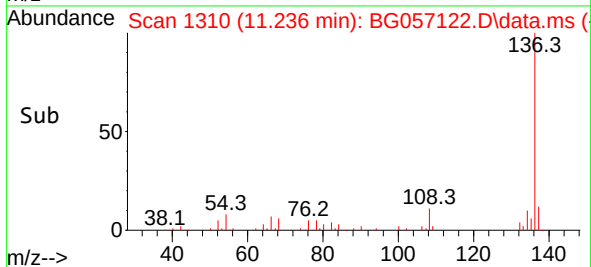
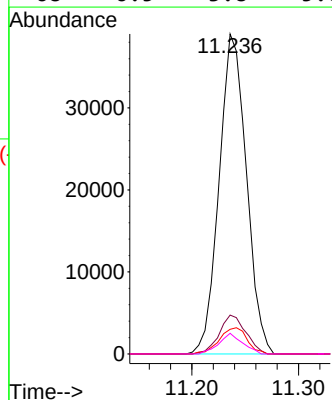
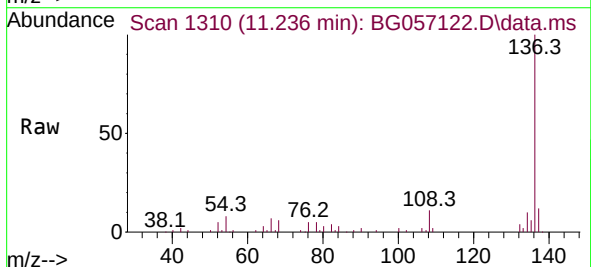
Instrument :
BNA_G
ClientSampleId :
20230339-COMP-17

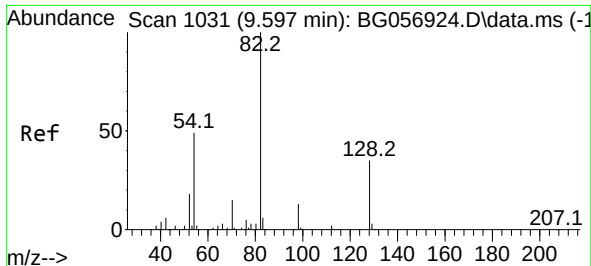
Tgt Ion: 99 Resp: 246215
Ion Ratio Lower Upper
99 100
42 18.0 15.7 23.5
71 38.4 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.236 min Scan# 1310
Delta R.T. -0.013 min
Lab File: BG057122.D
Acq: 17 Apr 2023 22:35

Tgt Ion:136 Resp: 69263
Ion Ratio Lower Upper
136 100
137 12.2 8.6 13.0
54 7.7 6.9 10.3
68 6.5 3.8 5.6#

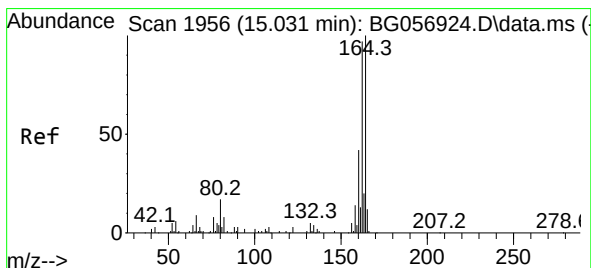
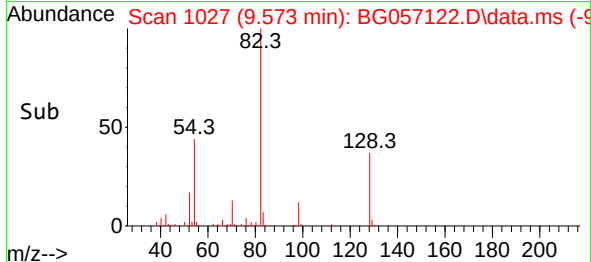
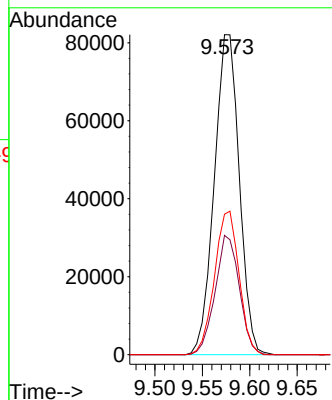
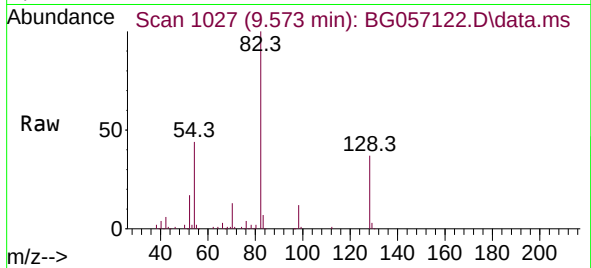




#23
Nitrobenzene-d5
Concen: 88.939 ng
RT: 9.573 min Scan# 1027
Delta R.T. -0.013 min
Lab File: BG057122.D
Acq: 17 Apr 2023 22:35

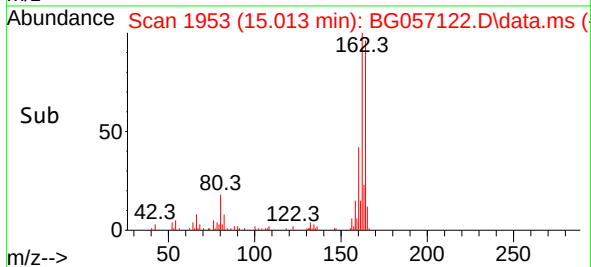
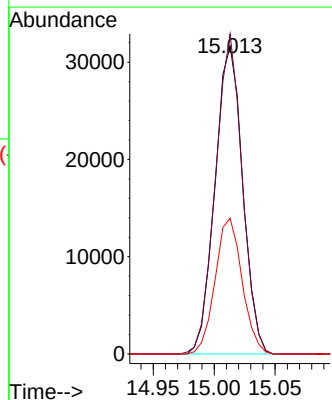
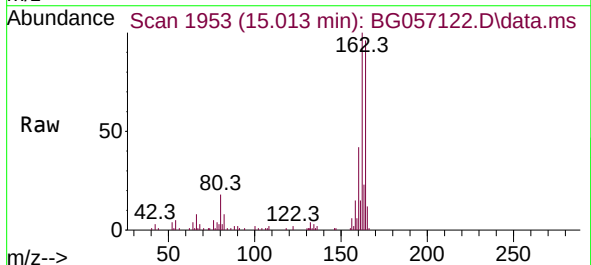
Instrument :
BNA_G
ClientSampleId :
20230339-COMP-17

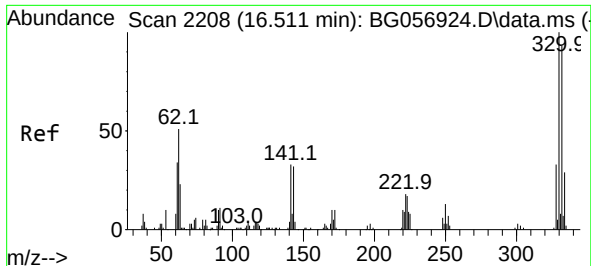
Tgt Ion: 82 Resp: 150551
Ion Ratio Lower Upper
82 100
128 37.3 27.9 41.9
54 43.9 39.4 59.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.013 min Scan# 1953
Delta R.T. -0.007 min
Lab File: BG057122.D
Acq: 17 Apr 2023 22:35

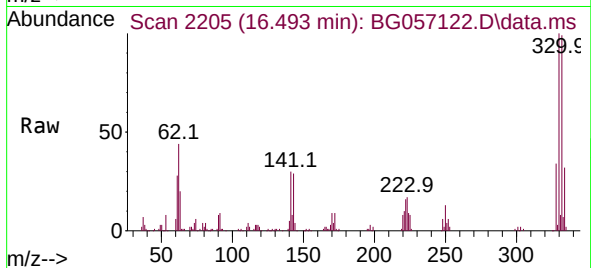
Tgt Ion:164 Resp: 49999
Ion Ratio Lower Upper
164 100
162 103.9 77.8 116.8
160 44.1 33.5 50.3



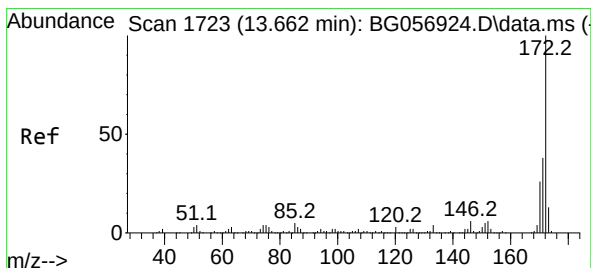
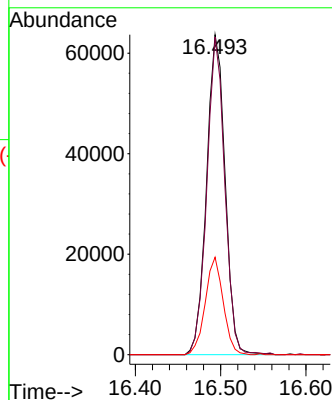
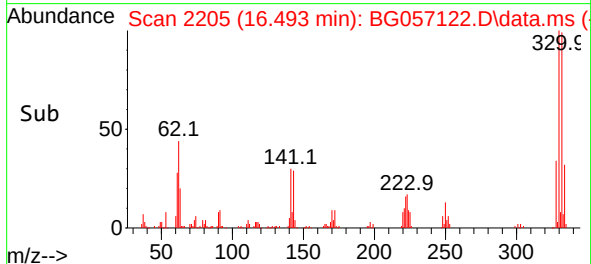


#42
2,4,6-Tribromophenol
Concen: 120.277 ng
RT: 16.493 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG057122.D
Acq: 17 Apr 2023 22:35

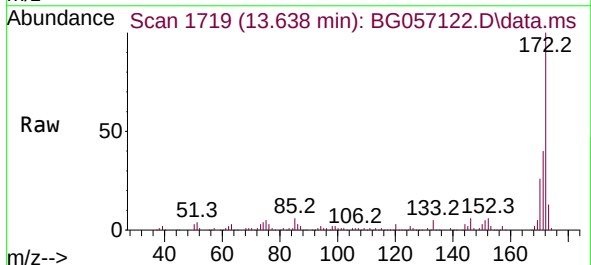
Instrument :
BNA_G
ClientSampleId :
20230339-COMP-17



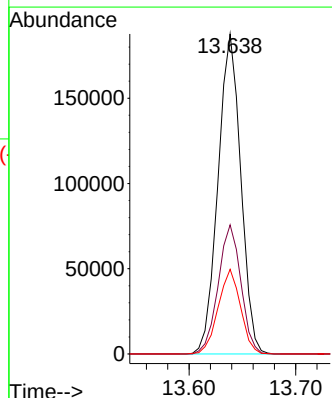
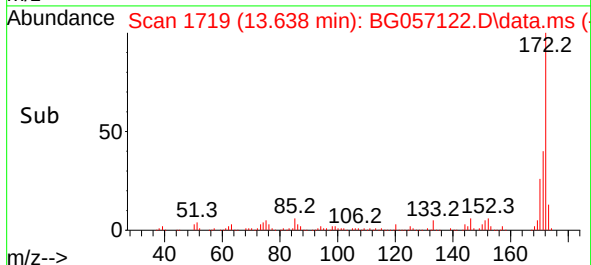
Tgt Ion:330 Resp: 96071
Ion Ratio Lower Upper
330 100
332 96.1 76.1 114.1
141 29.5 25.8 38.6

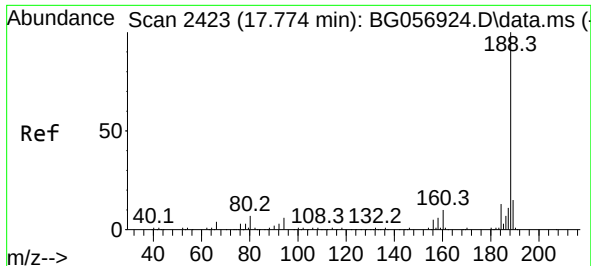


#45
2-Fluorobiphenyl
Concen: 75.369 ng
RT: 13.638 min Scan# 1719
Delta R.T. -0.007 min
Lab File: BG057122.D
Acq: 17 Apr 2023 22:35



Tgt Ion:172 Resp: 277903
Ion Ratio Lower Upper
172 100
171 40.4 30.6 46.0
170 26.5 20.6 30.8

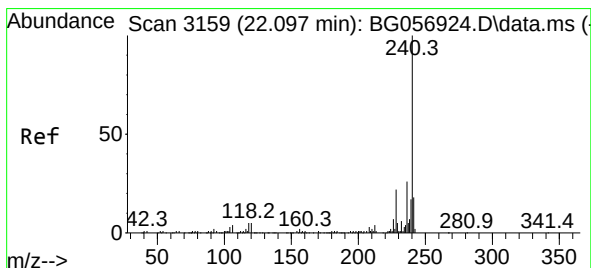
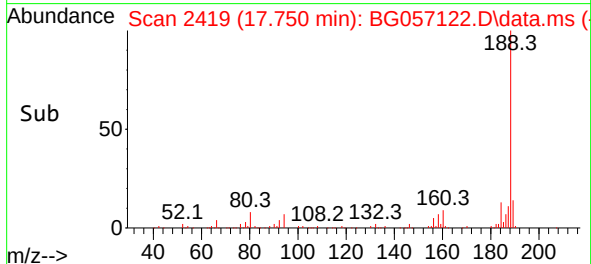
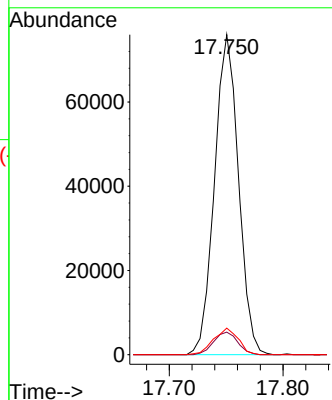
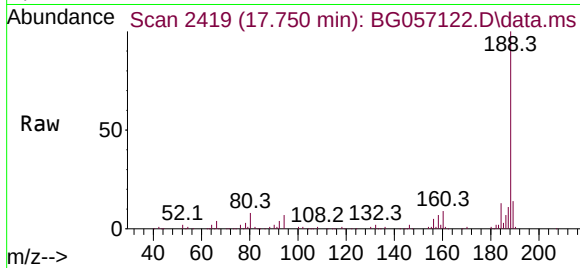




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.750 min Scan# 2419
Delta R.T. -0.013 min
Lab File: BG057122.D
Acq: 17 Apr 2023 22:35

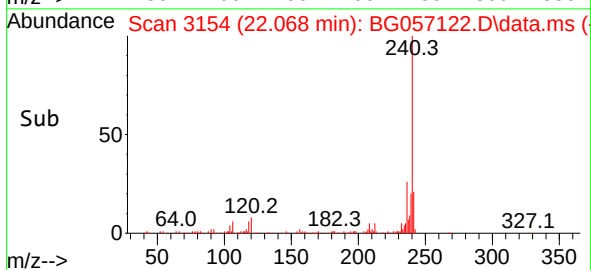
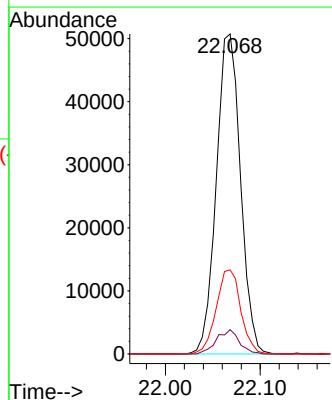
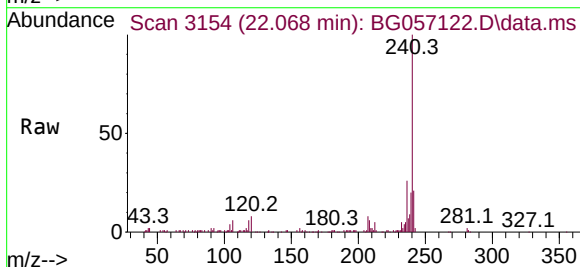
Instrument :
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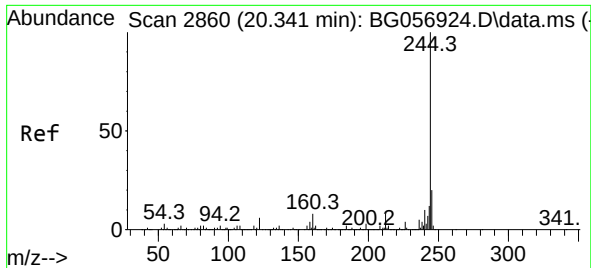
Tgt Ion:188 Resp: 111292
Ion Ratio Lower Upper
188 100
94 7.0 4.6 6.8#
80 8.3 5.5 8.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.068 min Scan# 3154
Delta R.T. -0.013 min
Lab File: BG057122.D
Acq: 17 Apr 2023 22:35

Tgt Ion:240 Resp: 89833
Ion Ratio Lower Upper
240 100
120 7.6 3.8 5.6#
236 26.3 21.0 31.6





#79

Terphenyl-d14

Concen: 86.494 ng

RT: 20.318 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG057122.D

Acq: 17 Apr 2023 22:35

Instrument :

BNA_G

ClientSampleId :

20230339-COMP-17

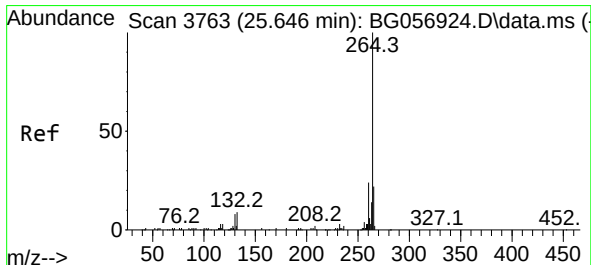
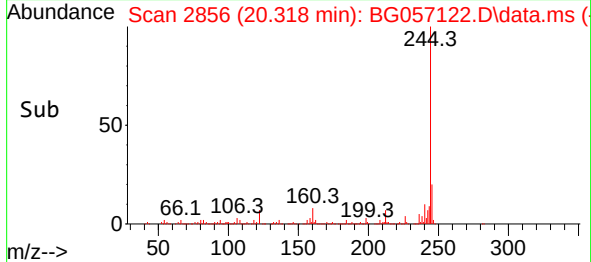
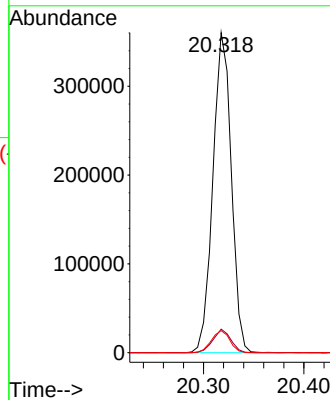
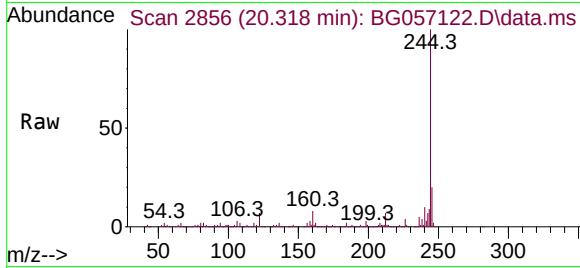
Tgt Ion:244 Resp: 459178

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 6.9 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.605 min Scan# 3756

Delta R.T. -0.007 min

Lab File: BG057122.D

Acq: 17 Apr 2023 22:35

Tgt Ion:264 Resp: 100492

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

265 19.7 17.8 26.6

