

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082622\
 Data File : BG054759.D
 Acq On : 26 Aug 2022 17:22
 Operator : CG/JU
 Sample : N4371-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4127

Quant Time: Aug 27 02:15:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.153	152	46824	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	194646	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	131873	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	307019	20.000	ng	0.00
76) Chrysene-d12	21.819	240	292534	20.000	ng	0.00
86) Perylene-d12	25.186	264	305359	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	203931	75.841	ng	0.00
7) Phenol-d6	7.289	99	195969	53.291	ng	0.00
23) Nitrobenzene-d5	9.322	82	364350	98.266	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	261683	158.804	ng	0.00
45) 2-Fluorobiphenyl	13.411	172	870721	99.240	ng	0.00
79) Terphenyl-d14	20.133	244	1497646	101.438	ng	0.00

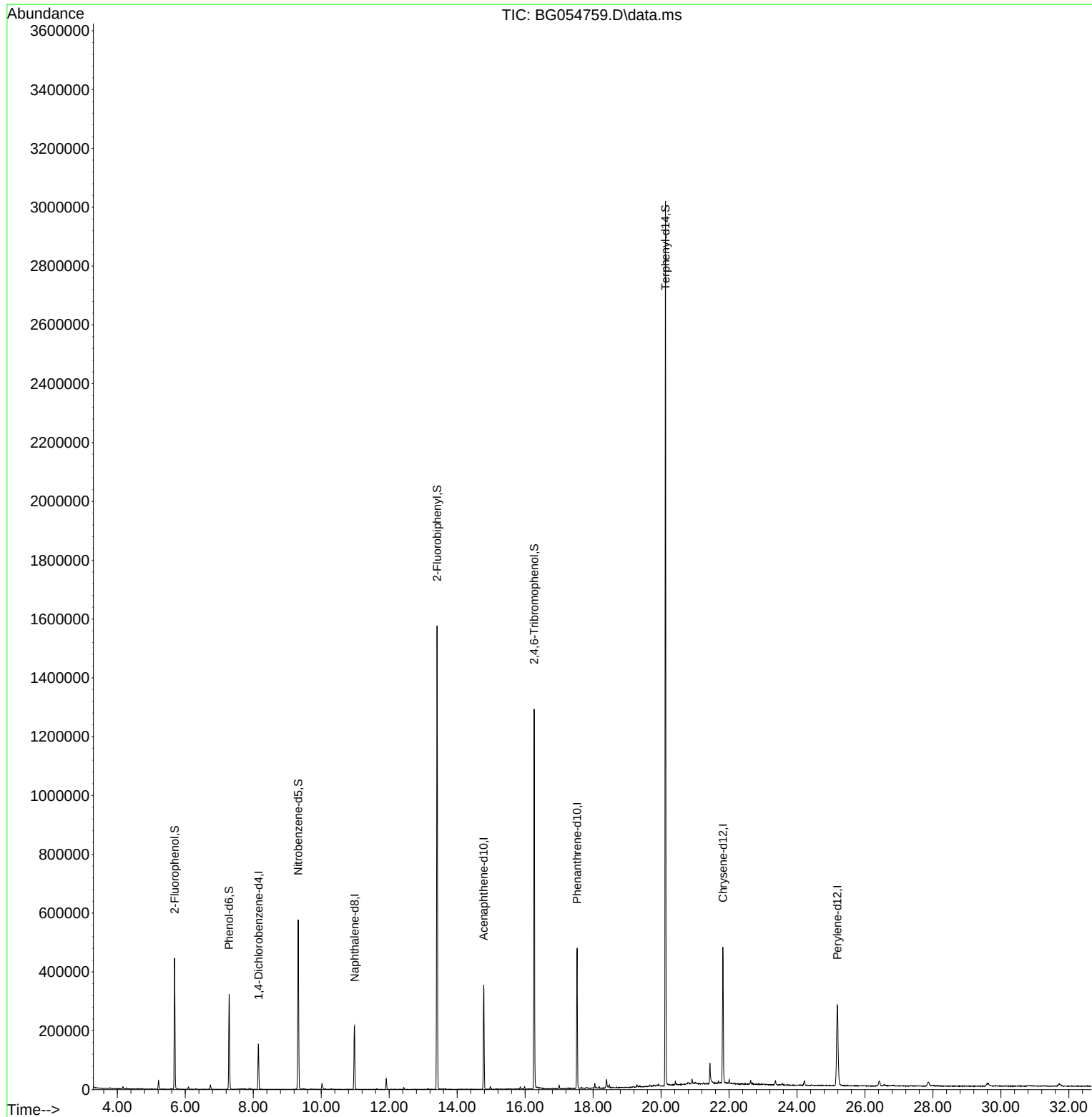
Target Compounds	Qvalue

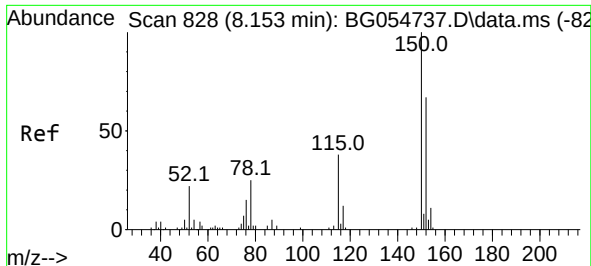
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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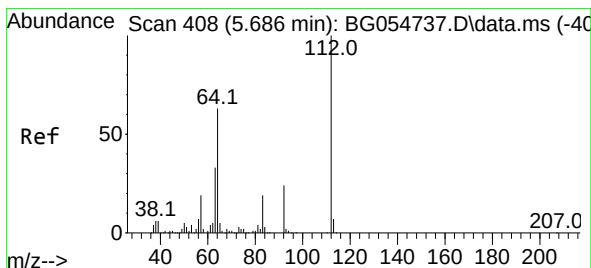
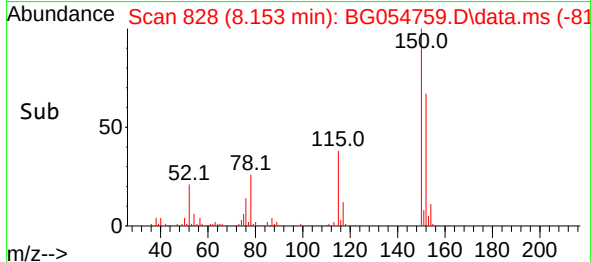
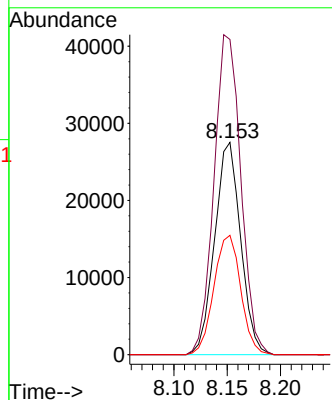
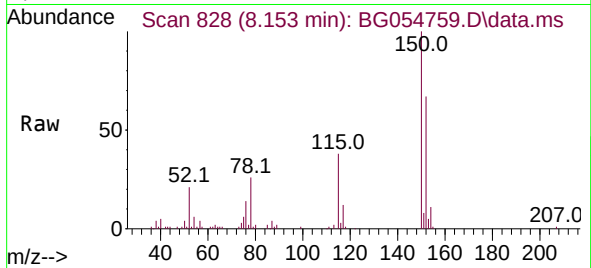




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.153 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG054759.D
Acq: 26 Aug 2022 17:22

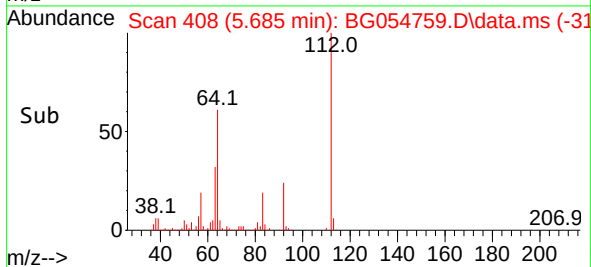
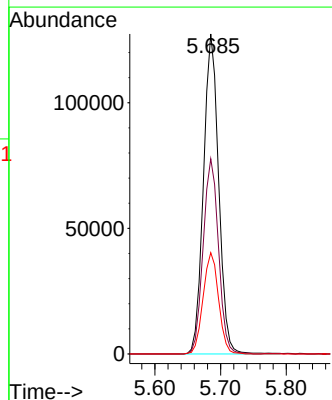
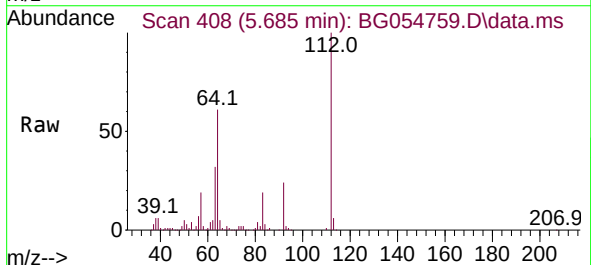
Instrument :
BNA_G
ClientSampleId :
A4127

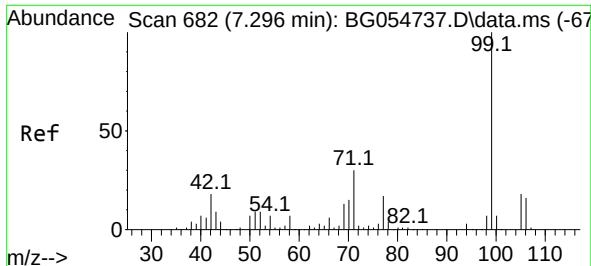
Tgt Ion:152 Resp: 46824
Ion Ratio Lower Upper
152 100
150 148.5 125.2 187.8
115 56.2 47.9 71.9



#5
2-Fluorophenol
Concen: 75.841 ng
RT: 5.685 min Scan# 408
Delta R.T. -0.001 min
Lab File: BG054759.D
Acq: 26 Aug 2022 17:22

Tgt Ion:112 Resp: 203931
Ion Ratio Lower Upper
112 100
64 61.0 49.3 73.9
63 31.7 26.3 39.5

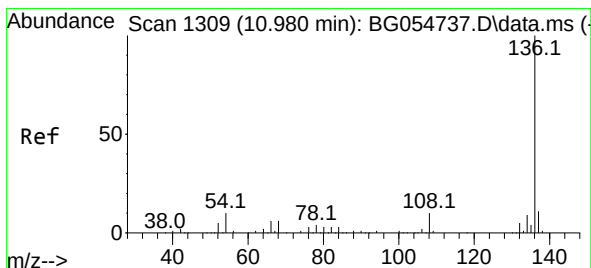
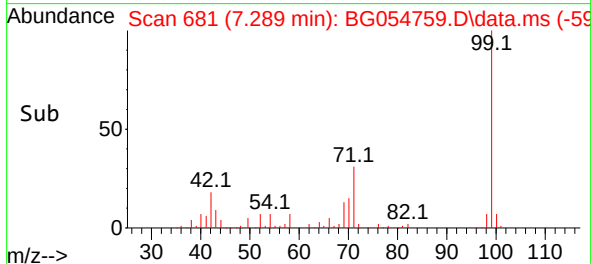
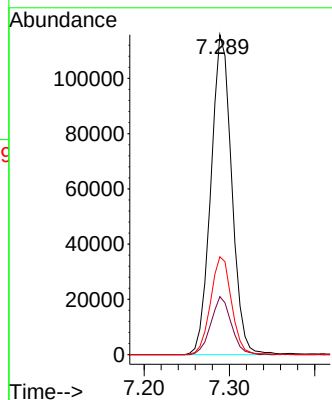
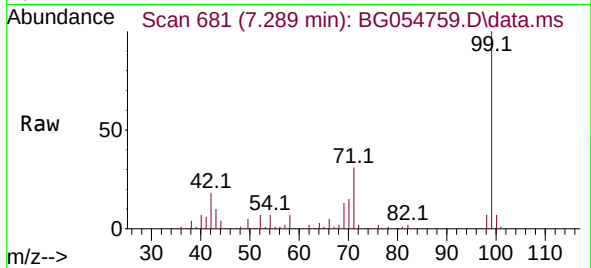




#7
Phenol-d6
Concen: 53.291 ng
RT: 7.289 min Scan# 681
Delta R.T. -0.007 min
Lab File: BG054759.D
Acq: 26 Aug 2022 17:22

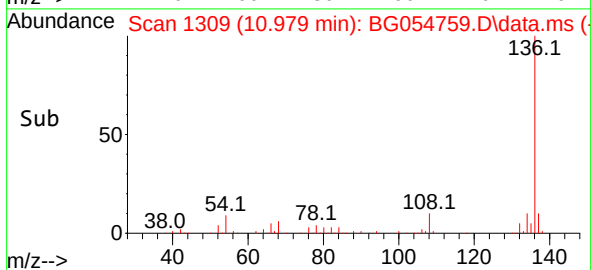
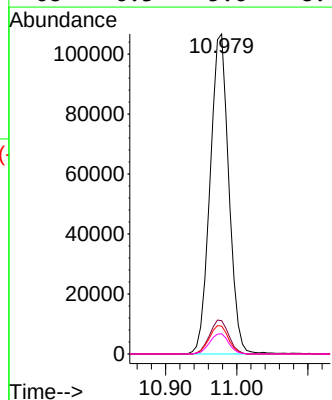
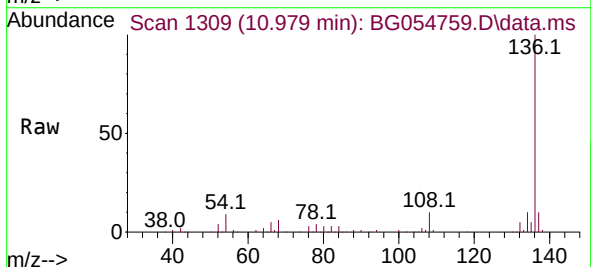
Instrument :
BNA_G
ClientSampleId :
A4127

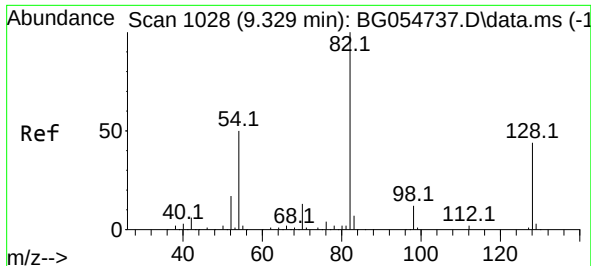
Tgt Ion: 99 Resp: 195969
Ion Ratio Lower Upper
99 100
42 18.1 14.6 22.0
71 30.6 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1309
Delta R.T. -0.001 min
Lab File: BG054759.D
Acq: 26 Aug 2022 17:22

Tgt Ion: 136 Resp: 194646
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 8.7 7.7 11.5
68 6.3 5.6 8.4





#23

Nitrobenzene-d5

Concen: 98.266 ng

RT: 9.322 min Scan# 10

Delta R.T. -0.007 min

Lab File: BG054759.D

Acq: 26 Aug 2022 17:22

Instrument :

BNA_G

ClientSampleId :

A4127

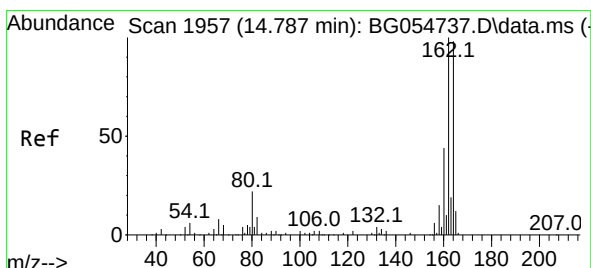
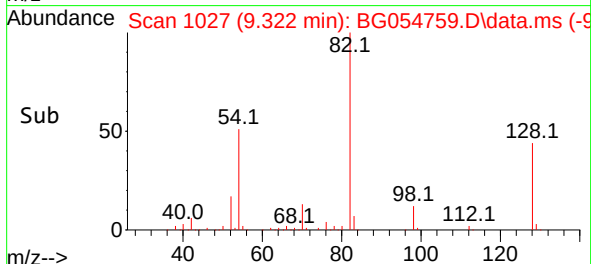
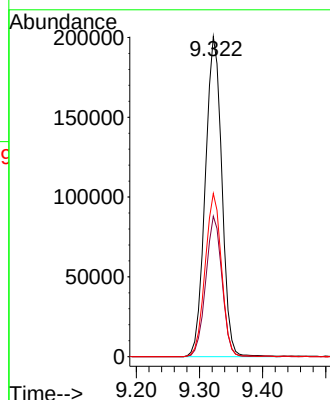
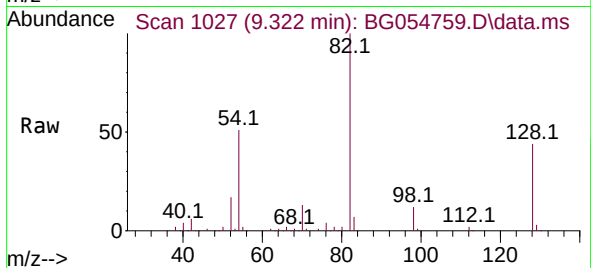
Tgt Ion: 82 Resp: 364350

Ion Ratio Lower Upper

82 100

128 43.9 32.2 48.2

54 51.0 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.780 min Scan# 1956

Delta R.T. -0.007 min

Lab File: BG054759.D

Acq: 26 Aug 2022 17:22

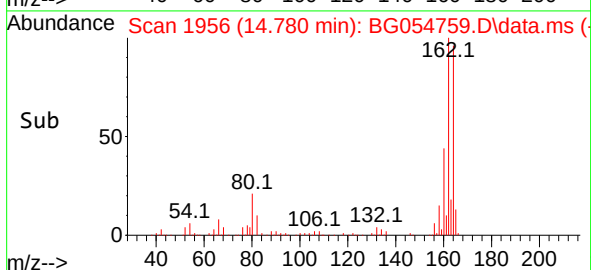
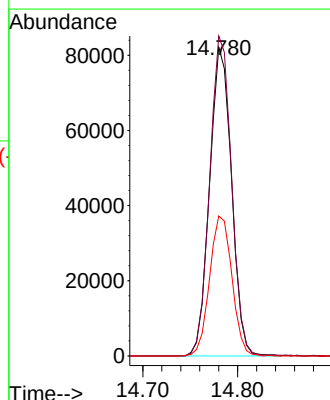
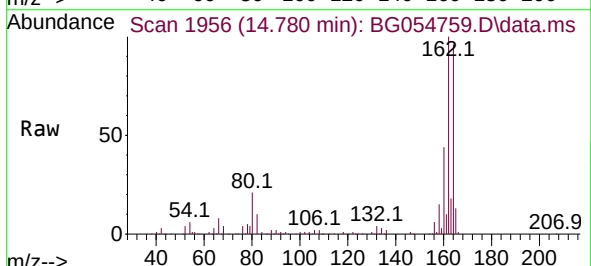
Tgt Ion: 164 Resp: 131873

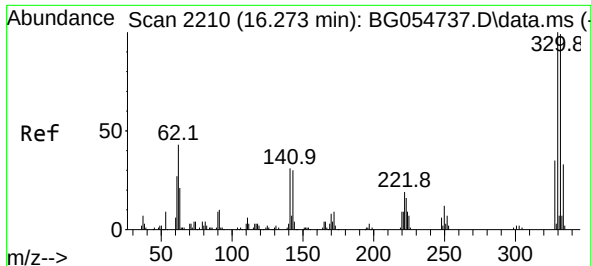
Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.4

160 45.3 38.0 57.0

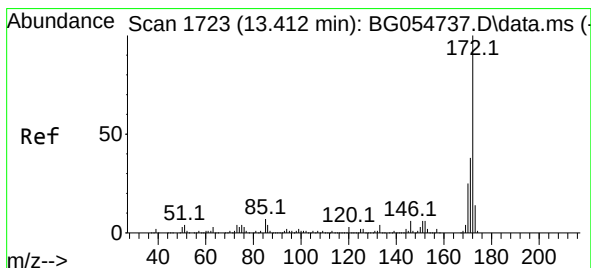
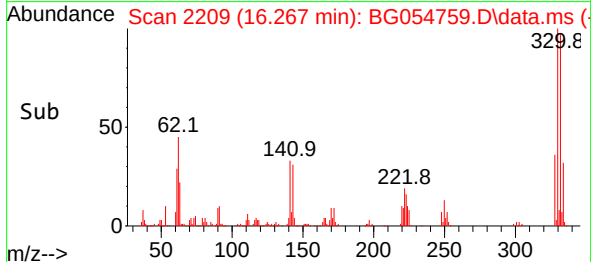
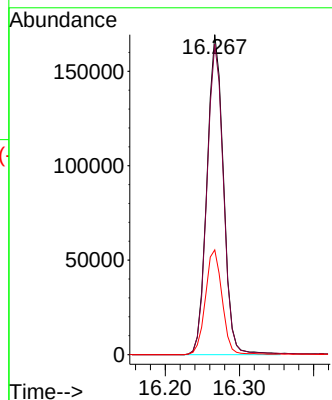
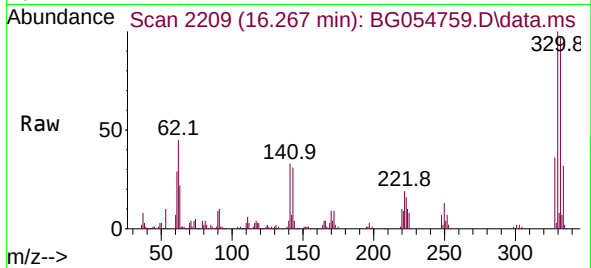




#42
2,4,6-Tribromophenol
Concen: 158.804 ng
RT: 16.267 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG054759.D
Acq: 26 Aug 2022 17:22

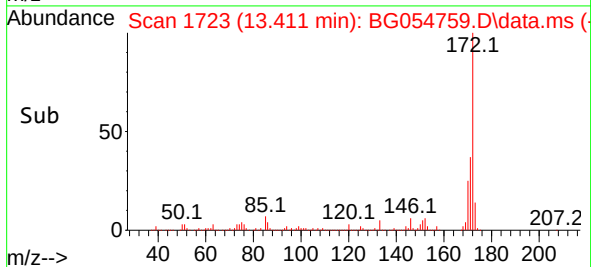
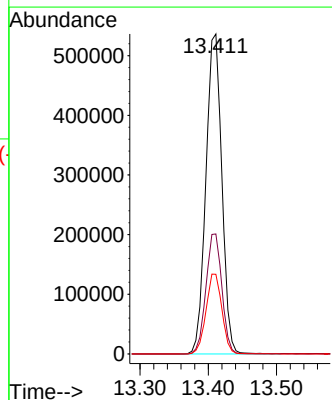
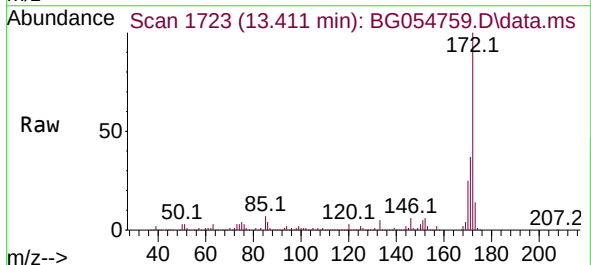
Instrument :
BNA_G
ClientSampleId :
A4127

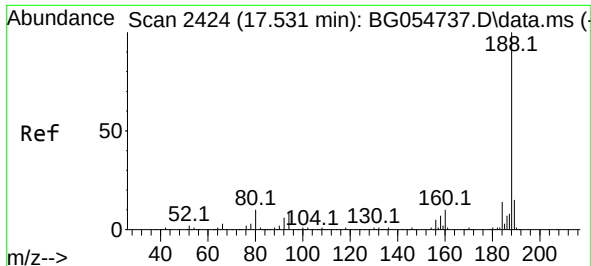
Tgt Ion:330 Resp: 261683
Ion Ratio Lower Upper
330 100
332 97.9 79.8 119.6
141 33.1 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 99.240 ng
RT: 13.411 min Scan# 1723
Delta R.T. -0.001 min
Lab File: BG054759.D
Acq: 26 Aug 2022 17:22

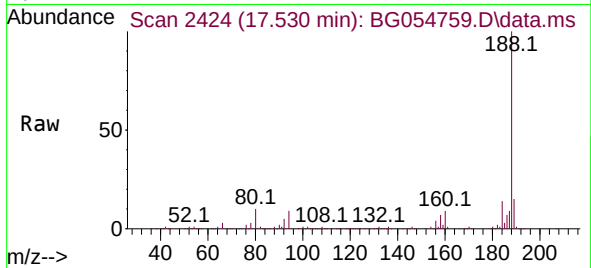
Tgt Ion:172 Resp: 870721
Ion Ratio Lower Upper
172 100
171 37.5 31.2 46.8
170 24.9 20.6 30.8



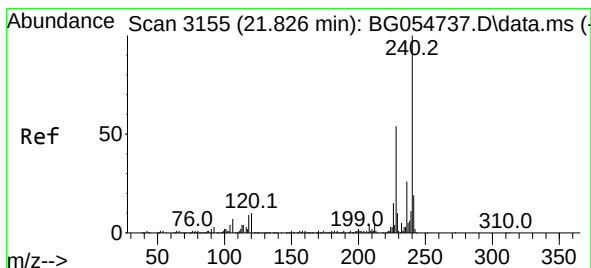
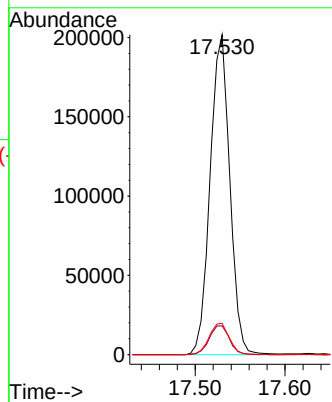
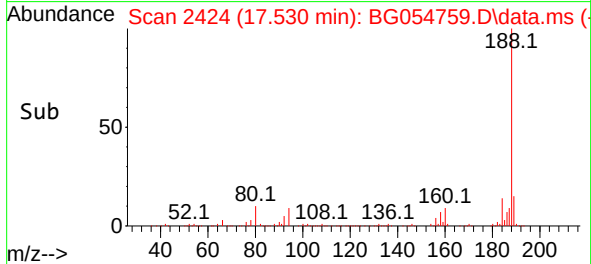


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.530 min Scan# 2424
Delta R.T. -0.001 min
Lab File: BG054759.D
Acq: 26 Aug 2022 17:22

Instrument :
BNA_G
ClientSampleId :
A4127

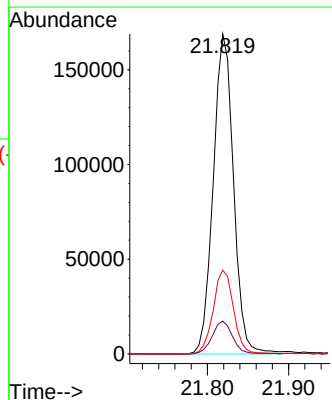
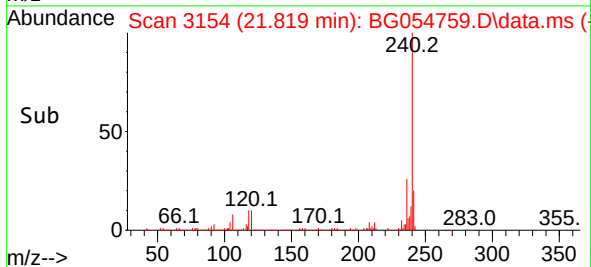
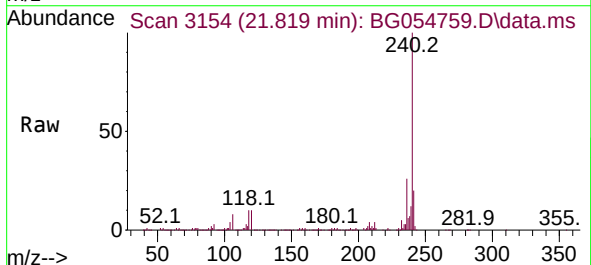


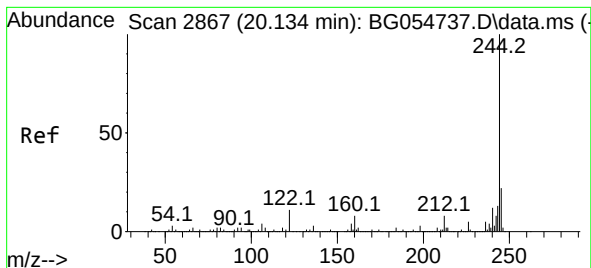
Tgt Ion:188 Resp: 307019
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 9.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3154
Delta R.T. -0.007 min
Lab File: BG054759.D
Acq: 26 Aug 2022 17:22

Tgt Ion:240 Resp: 292534
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.4
236 26.2 21.2 31.8





#79

Terphenyl-d14

Concen: 101.438 ng

RT: 20.133 min Scan# 2867

Delta R.T. -0.001 min

Lab File: BG054759.D

Acq: 26 Aug 2022 17:22

Instrument :

BNA_G

ClientSampleId :

A4127

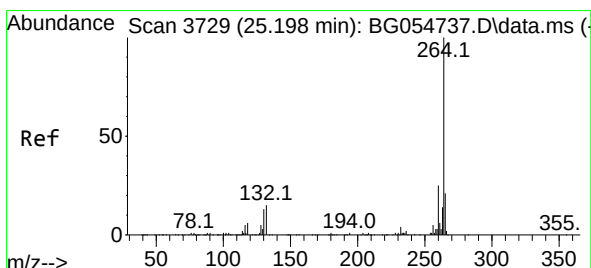
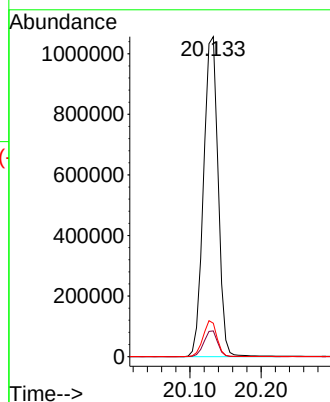
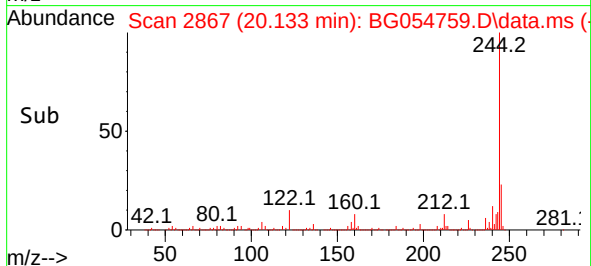
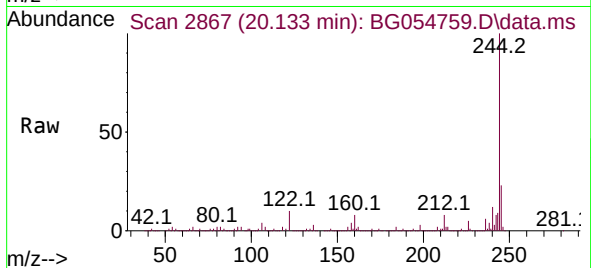
Tgt Ion:244 Resp: 1497646

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

122 10.4 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.186 min Scan# 3727

Delta R.T. -0.013 min

Lab File: BG054759.D

Acq: 26 Aug 2022 17:22

Tgt Ion:264 Resp: 305359

Ion Ratio Lower Upper

264 100

260 25.0 19.9 29.9

265 21.4 16.9 25.3

