

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082422\
 Data File : BG054731.D
 Acq On : 24 Aug 2022 22:44
 Operator : CG/JU
 Sample : N4244-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-103D

Quant Time: Aug 25 03:14:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 03:09:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.154	152	37174	20.000	ng	0.00
21) Naphthalene-d8	10.980	136	150294	20.000	ng	0.00
39) Acenaphthene-d10	14.788	164	108503	20.000	ng	0.00
64) Phenanthrene-d10	17.531	188	288459	20.000	ng	0.00
76) Chrysene-d12	21.826	240	270426	20.000	ng	0.00
86) Perylene-d12	25.199	264	277515	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	150900	76.494	ng	0.00
7) Phenol-d6	7.296	99	126163	45.643	ng	0.00
23) Nitrobenzene-d5	9.329	82	276513	104.849	ng	0.00
42) 2,4,6-Tribromophenol	16.274	330	229361	263.956	ng	0.00
45) 2-Fluorobiphenyl	13.413	172	659423	89.625	ng	0.00
79) Terphenyl-d14	20.134	244	1332165	97.857	ng	0.00

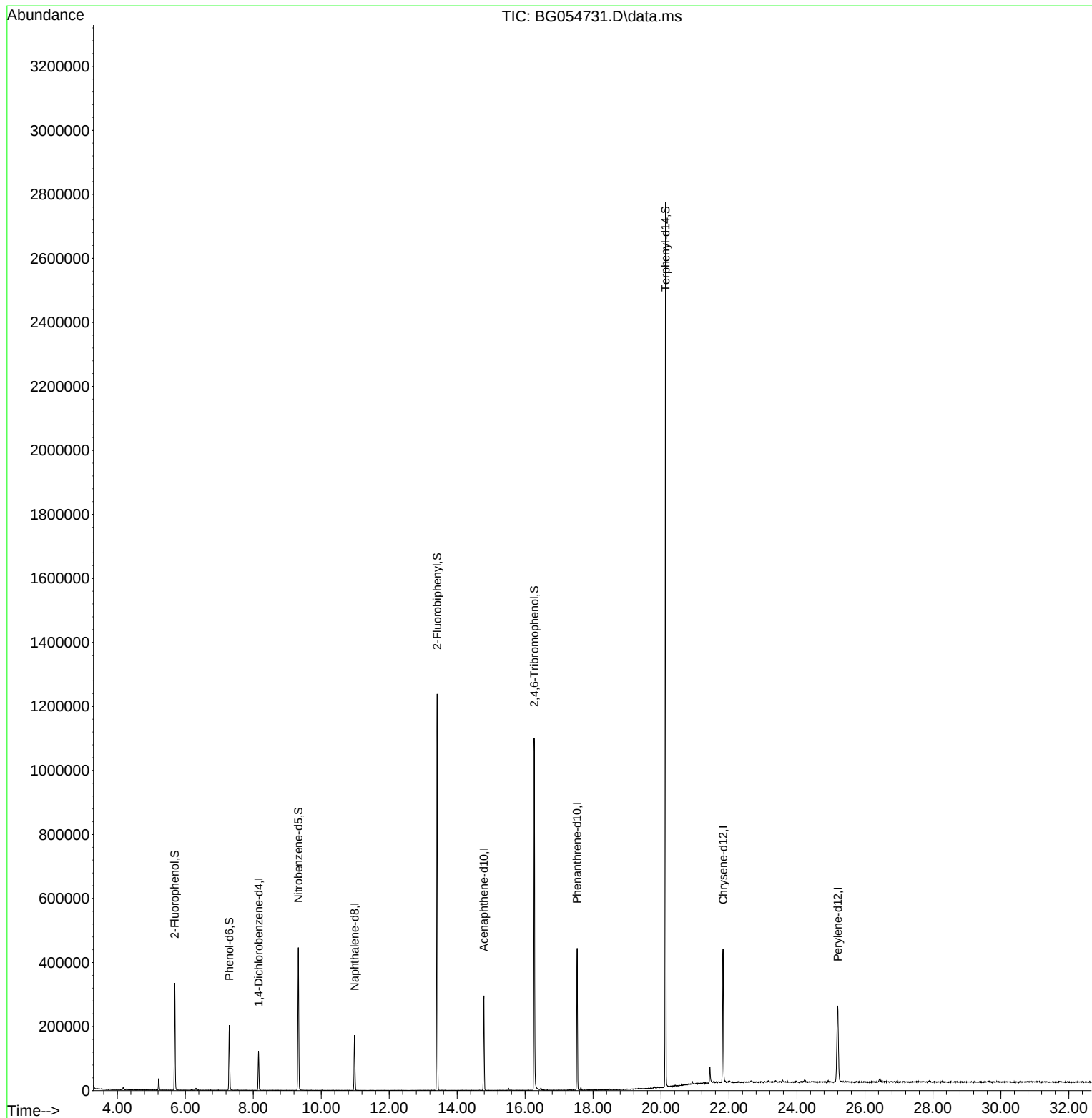
Target Compounds	Qvalue

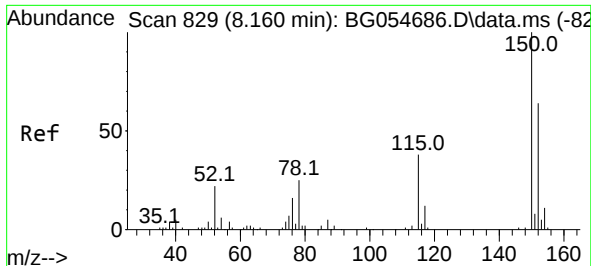
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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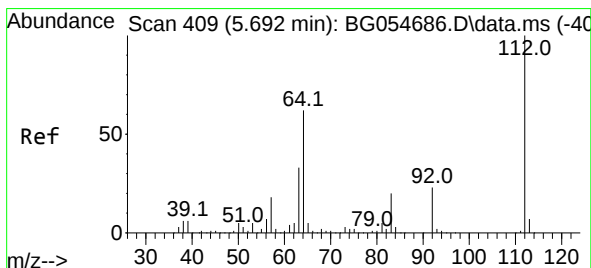
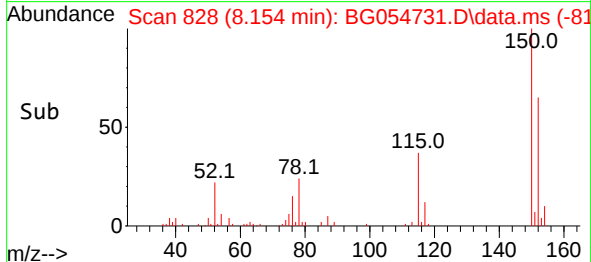
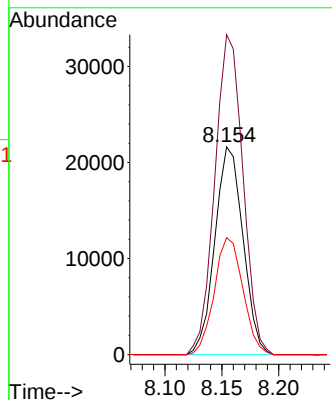
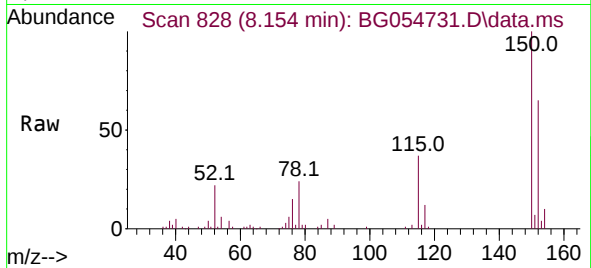




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.154 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054731.D
Acq: 24 Aug 2022 22:44

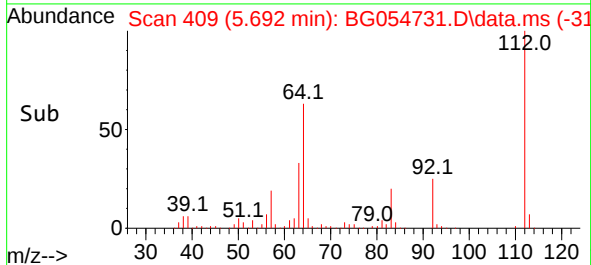
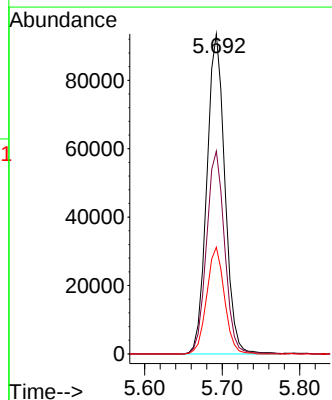
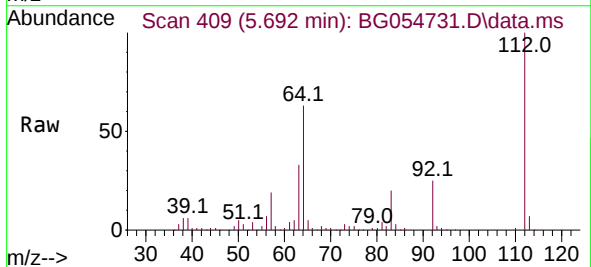
Instrument :
BNA_G
ClientSampleId :
MW-103D

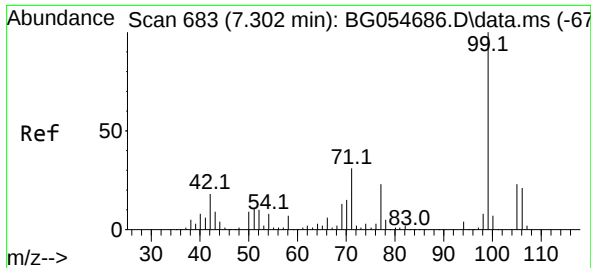
Tgt Ion:152 Resp: 37174
Ion Ratio Lower Upper
152 100
150 154.0 125.2 187.8
115 56.3 47.9 71.9



#5
2-Fluorophenol
Concen: 76.494 ng
RT: 5.692 min Scan# 409
Delta R.T. 0.000 min
Lab File: BG054731.D
Acq: 24 Aug 2022 22:44

Tgt Ion:112 Resp: 150900
Ion Ratio Lower Upper
112 100
64 63.4 49.3 73.9
63 33.3 26.3 39.5

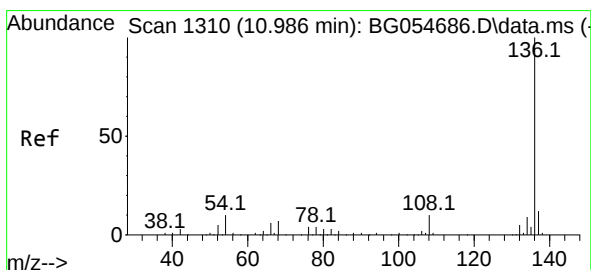
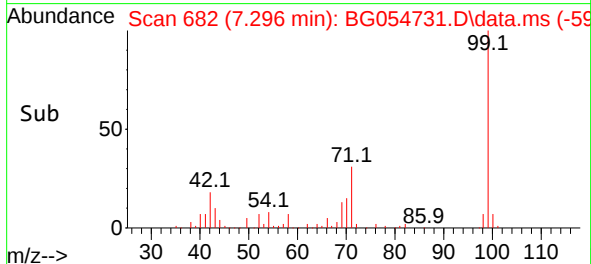
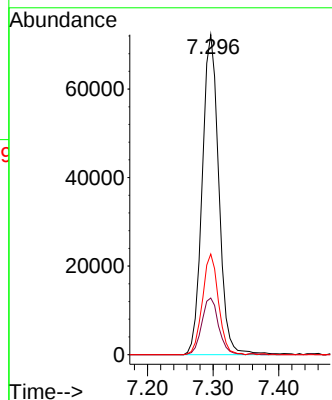
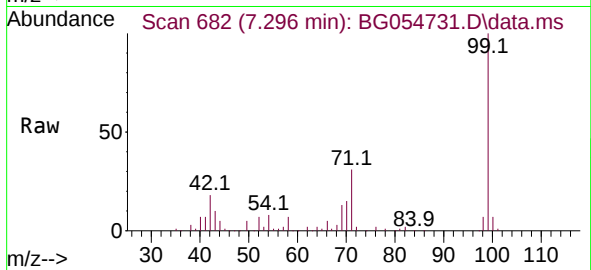




#7
Phenol-d6
Concen: 45.643 ng
RT: 7.296 min Scan# 681
Delta R.T. -0.005 min
Lab File: BG054731.D
Acq: 24 Aug 2022 22:44

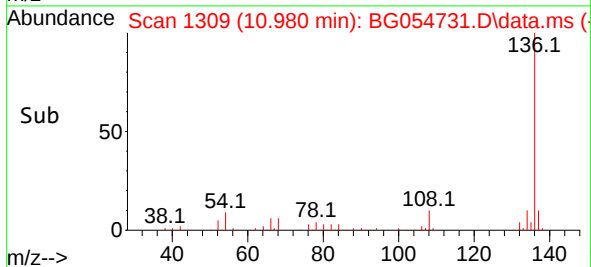
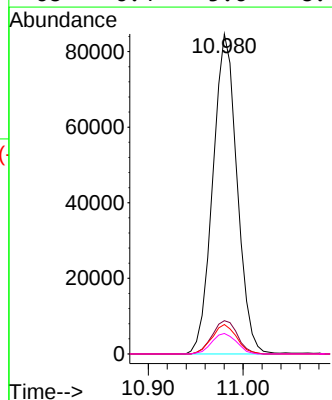
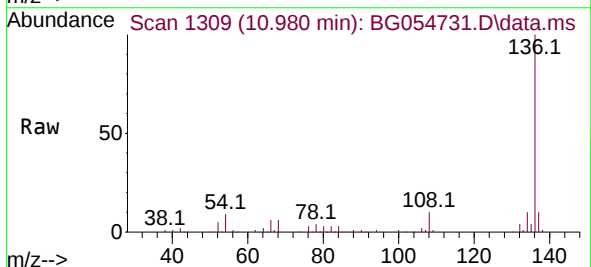
Instrument :
BNA_G
ClientSampleId :
MW-103D

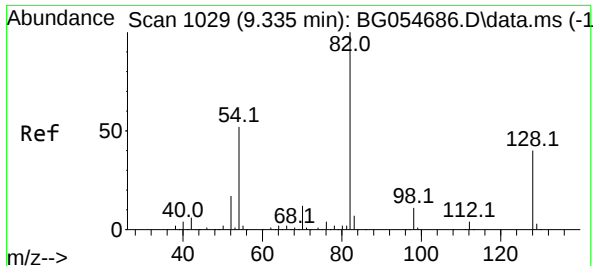
Tgt Ion: 99 Resp: 126163
Ion Ratio Lower Upper
99 100
42 17.7 14.6 22.0
71 31.4 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.980 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BG054731.D
Acq: 24 Aug 2022 22:44

Tgt Ion: 136 Resp: 150294
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 9.2 7.7 11.5
68 6.4 5.6 8.4





#23

Nitrobenzene-d5

Concen: 104.849 ng

RT: 9.329 min Scan# 1028

Delta R.T. -0.005 min

Lab File: BG054731.D

Acq: 24 Aug 2022 22:44

Instrument :

BNA_G

ClientSampleId :

MW-103D

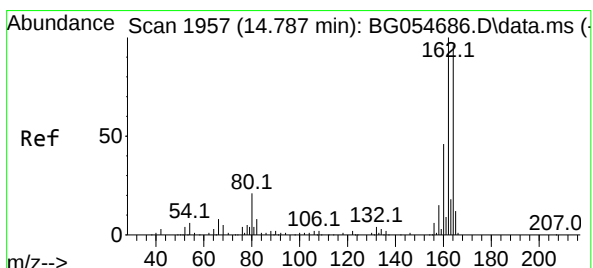
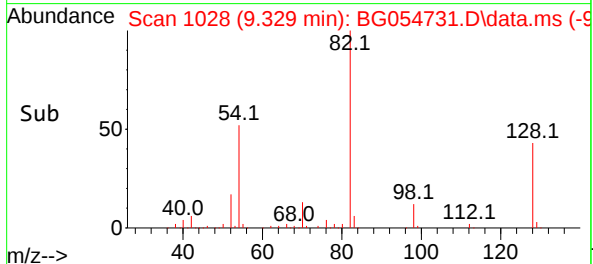
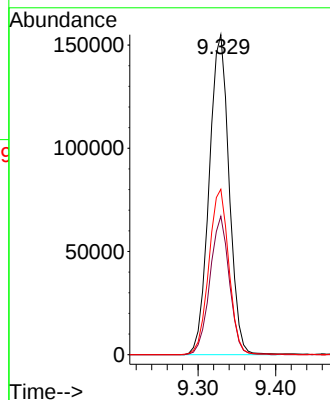
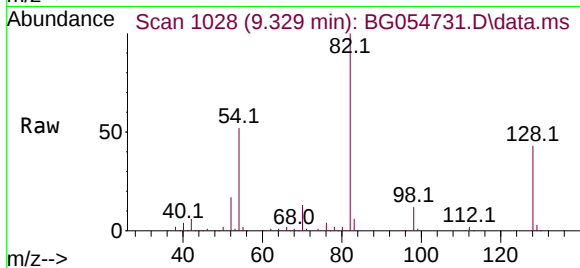
Tgt Ion: 82 Resp: 276513

Ion Ratio Lower Upper

82 100

128 43.2 32.2 48.2

54 51.7 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.788 min Scan# 1957

Delta R.T. 0.001 min

Lab File: BG054731.D

Acq: 24 Aug 2022 22:44

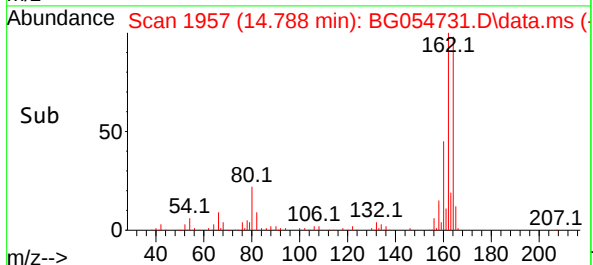
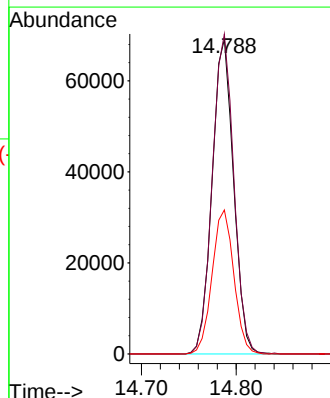
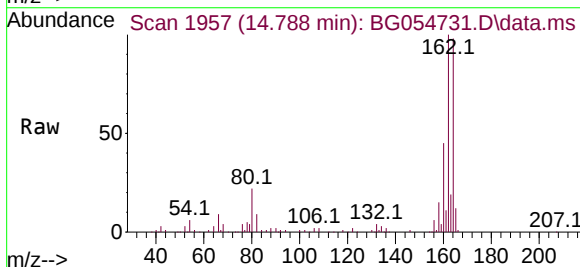
Tgt Ion:164 Resp: 108503

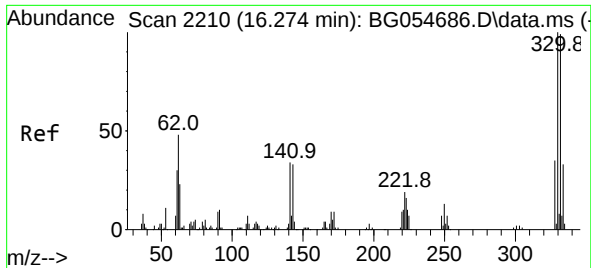
Ion Ratio Lower Upper

164 100

162 101.7 83.0 124.4

160 45.7 38.0 57.0

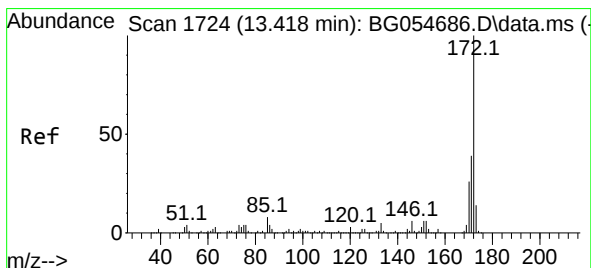
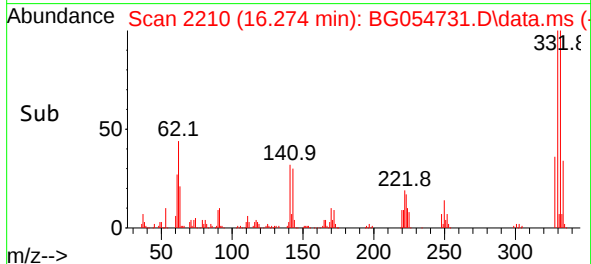
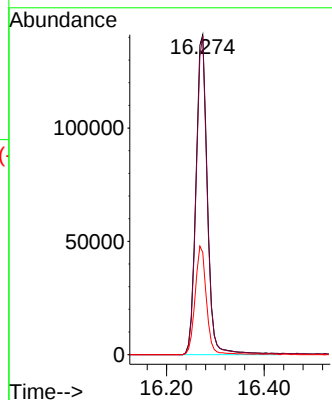
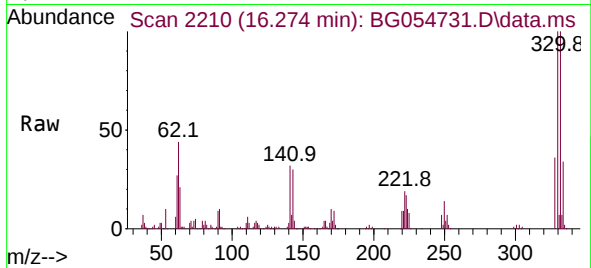




#42
2,4,6-Tribromophenol
Concen: 263.956 ng
RT: 16.274 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BG054731.D
Acq: 24 Aug 2022 22:44

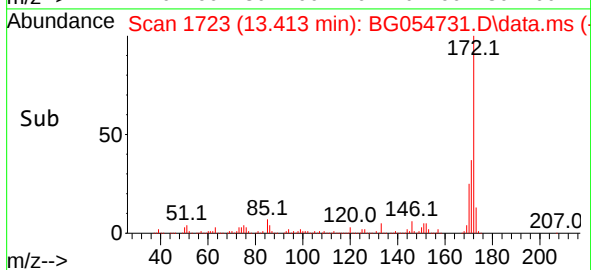
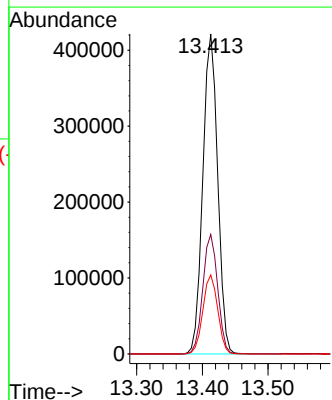
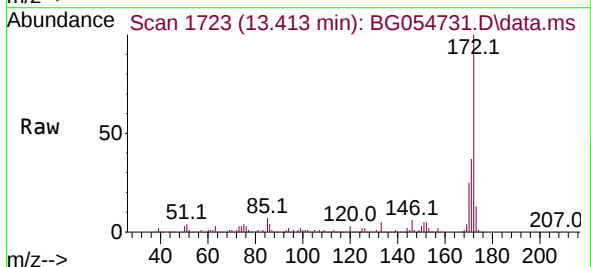
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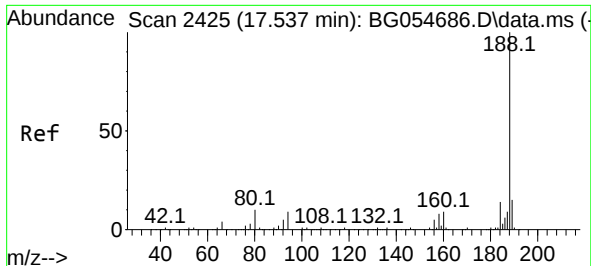
Tgt Ion:330 Resp: 229361
Ion Ratio Lower Upper
330 100
332 96.7 79.8 119.6
141 33.5 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 89.625 ng
RT: 13.413 min Scan# 1723
Delta R.T. -0.005 min
Lab File: BG054731.D
Acq: 24 Aug 2022 22:44

Tgt Ion:172 Resp: 659423
Ion Ratio Lower Upper
172 100
171 37.3 31.2 46.8
170 24.7 20.6 30.8

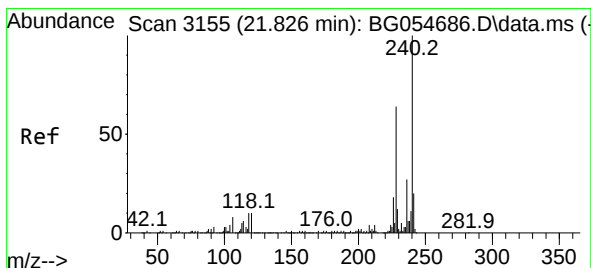
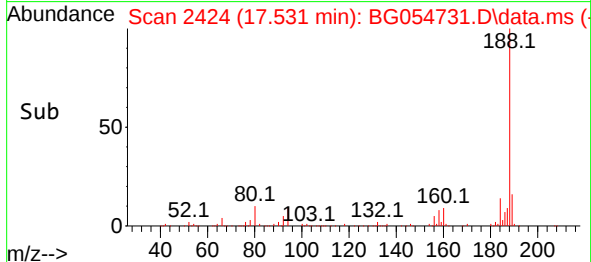
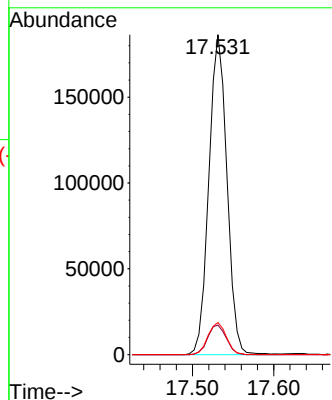
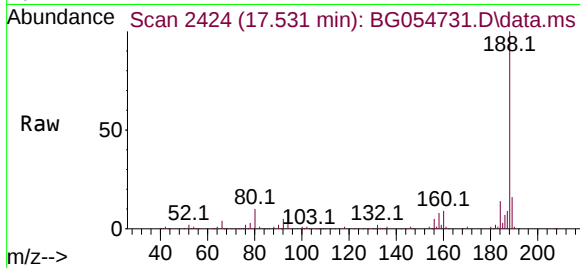




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.531 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG054731.D
Acq: 24 Aug 2022 22:44

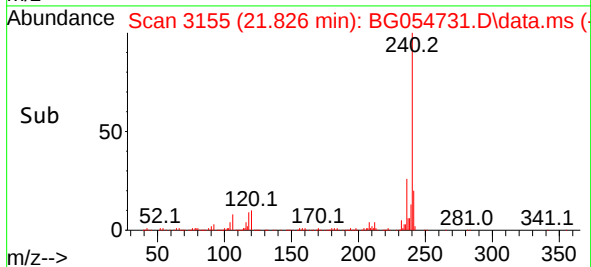
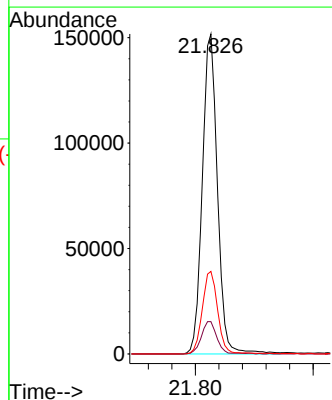
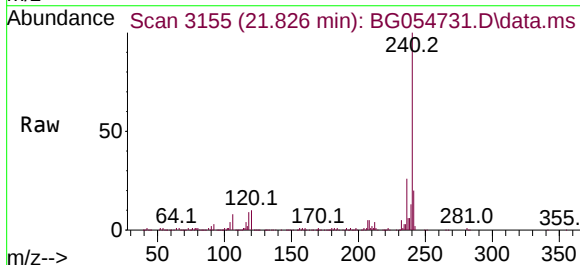
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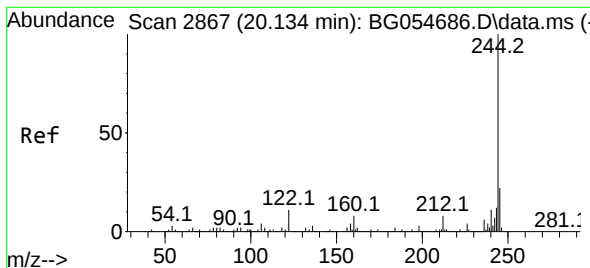
Tgt Ion:188 Resp: 288459
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 10.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.826 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BG054731.D
Acq: 24 Aug 2022 22:44

Tgt Ion:240 Resp: 270426
Ion Ratio Lower Upper
240 100
120 10.1 8.2 12.4
236 25.8 21.2 31.8





#79

Terphenyl-d14

Concen: 97.857 ng

RT: 20.134 min Scan# 2867

Delta R.T. 0.000 min

Lab File: BG054731.D

Acq: 24 Aug 2022 22:44

Instrument :

BNA_G

ClientSampleId :

MW-103D

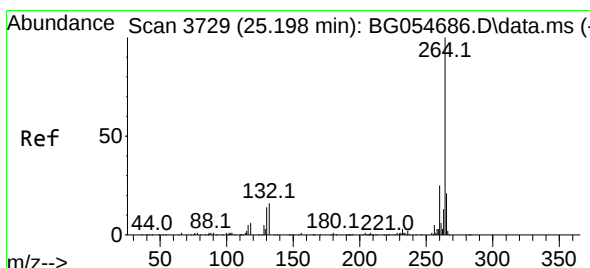
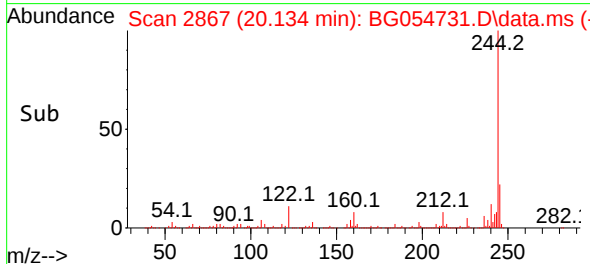
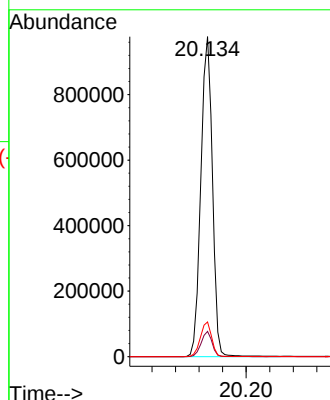
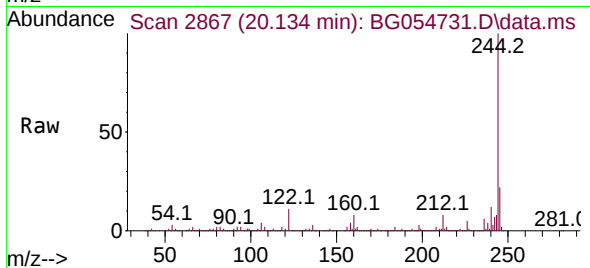
Tgt Ion:244 Resp: 1332165

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 10.8 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.199 min Scan# 3729

Delta R.T. 0.000 min

Lab File: BG054731.D

Acq: 24 Aug 2022 22:44

Tgt Ion:264 Resp: 277515

Ion Ratio Lower Upper

264 100

260 24.6 19.9 29.9

265 21.8 16.9 25.3

