

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090122\
 Data File : BG054818.D
 Acq On : 1 Sep 2022 11:58
 Operator : CG/JU
 Sample : PB147322BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147322BL

Quant Time: Sep 01 14:33:47 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	8.147	152	38231	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	152548	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	104294	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	257465	20.000	ng	0.00
76) Chrysene-d12	21.819	240	269698	20.000	ng	0.00
86) Perylene-d12	25.186	264	272230	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	328282	149.527	ng	0.00
7) Phenol-d6	7.295	99	430709	143.451	ng	0.00
23) Nitrobenzene-d5	9.316	82	257002	88.442	ng	-0.01
42) 2,4,6-Tribromophenol	16.267	330	201377	154.522	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	640652	92.326	ng	0.00
79) Terphenyl-d14	20.127	244	1268970	93.227	ng	0.00

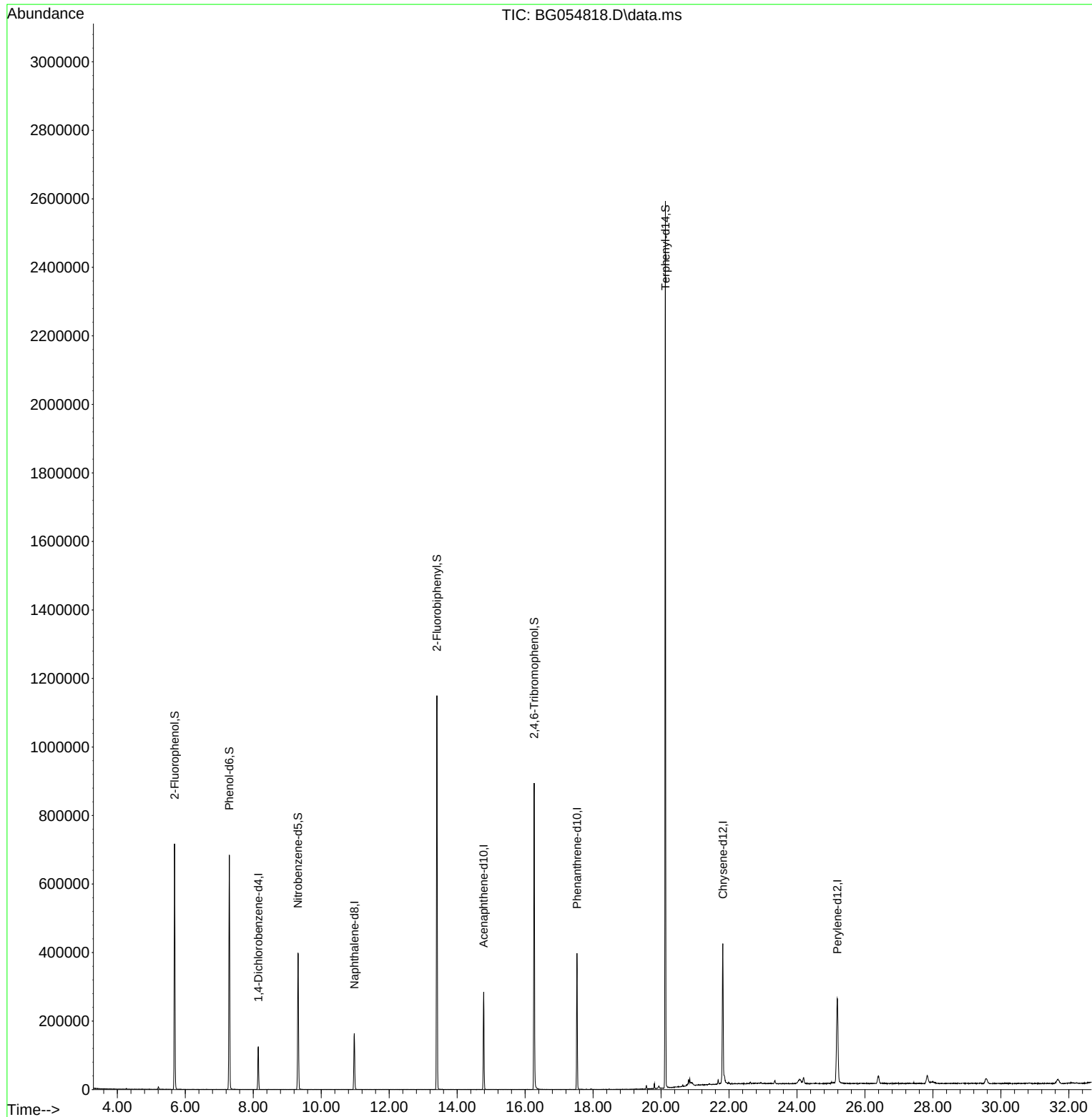
Target Compounds	Qvalue

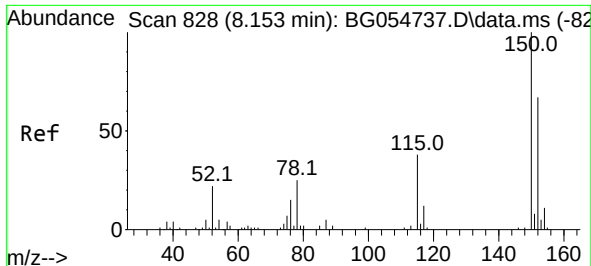
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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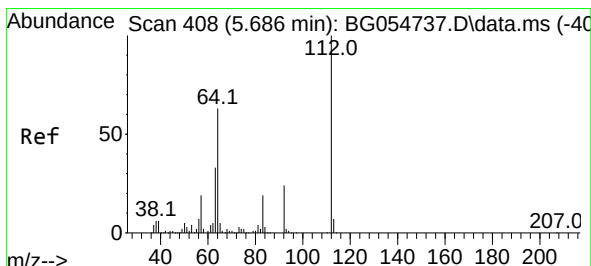
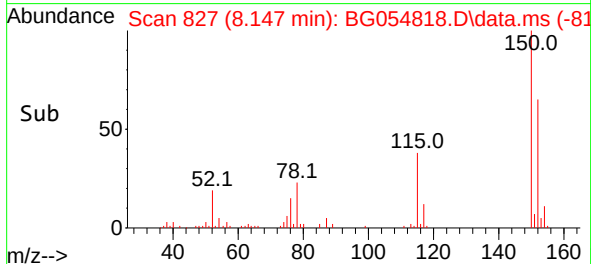
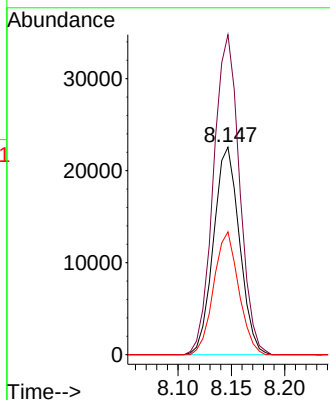
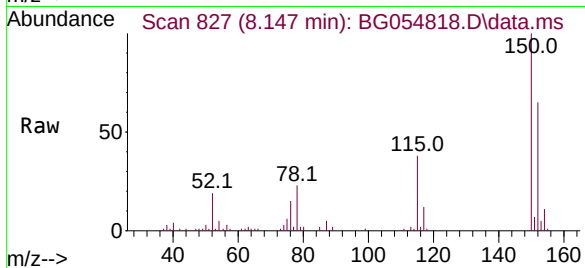




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.147 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054818.D
Acq: 1 Sep 2022 11:58

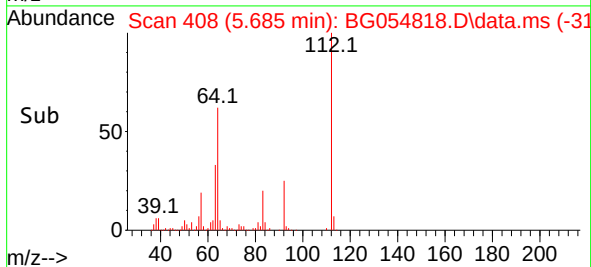
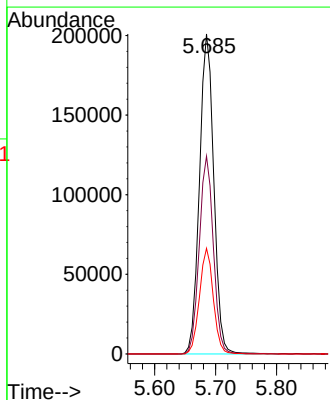
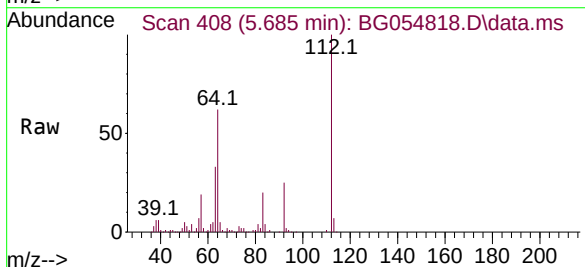
Instrument :
BNA_G
ClientSampleId :
PB147322BL

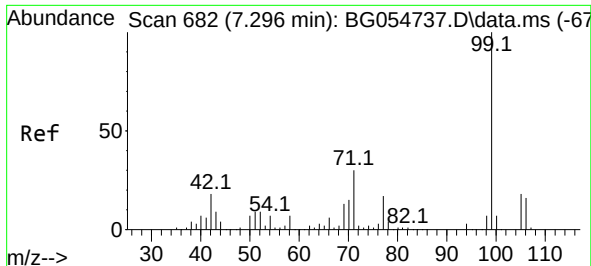
Tgt Ion:152 Resp: 38231
Ion Ratio Lower Upper
152 100
150 154.3 125.2 187.8
115 59.2 47.9 71.9



#5
2-Fluorophenol
Concen: 149.527 ng
RT: 5.685 min Scan# 408
Delta R.T. -0.001 min
Lab File: BG054818.D
Acq: 1 Sep 2022 11:58

Tgt Ion:112 Resp: 328282
Ion Ratio Lower Upper
112 100
64 61.8 49.3 73.9
63 33.0 26.3 39.5

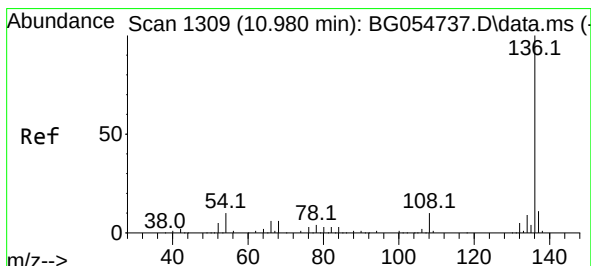
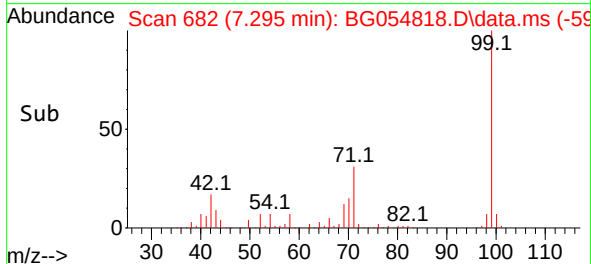
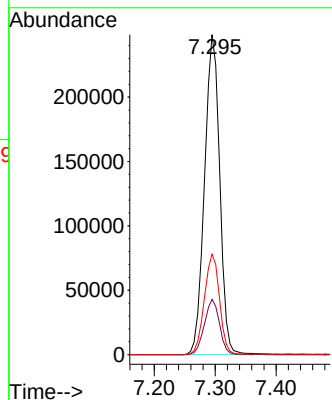
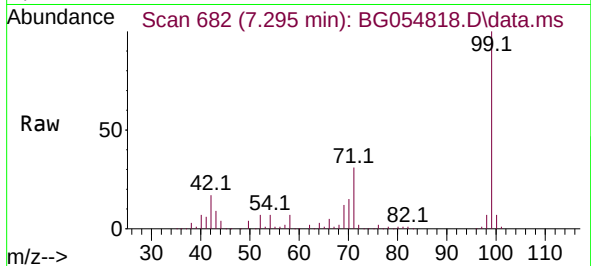




#7
Phenol-d6
Concen: 143.451 ng
RT: 7.295 min Scan# 682
Delta R.T. -0.001 min
Lab File: BG054818.D
Acq: 1 Sep 2022 11:58

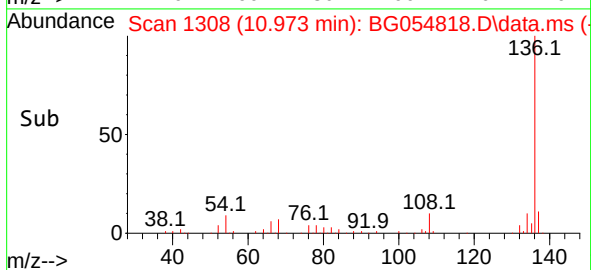
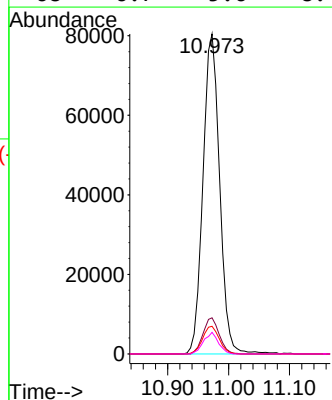
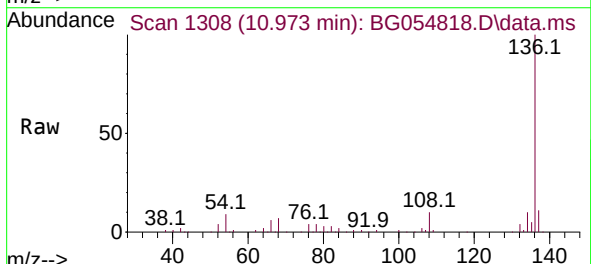
Instrument :
BNA_G
ClientSampleId :
PB147322BL

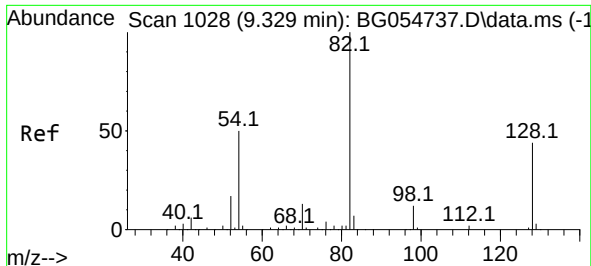
Tgt Ion: 99 Resp: 430709
Ion Ratio Lower Upper
99 100
42 17.3 14.6 22.0
71 31.4 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 1308
Delta R.T. -0.007 min
Lab File: BG054818.D
Acq: 1 Sep 2022 11:58

Tgt Ion: 136 Resp: 152548
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 8.7 7.7 11.5
68 6.7 5.6 8.4





#23

Nitrobenzene-d5

Concen: 88.442 ng

RT: 9.316 min Scan# 1026

Delta R.T. -0.013 min

Lab File: BG054818.D

Acq: 1 Sep 2022 11:58

Instrument :

BNA_G

ClientSampleId :

PB147322BL

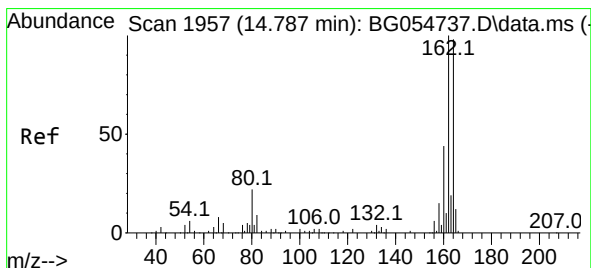
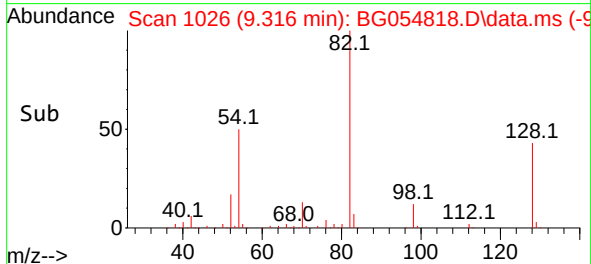
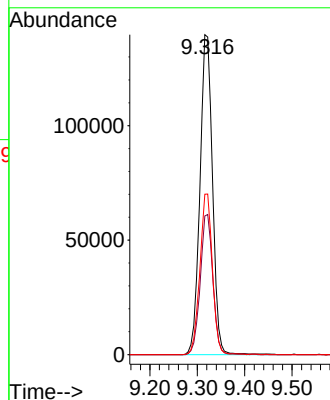
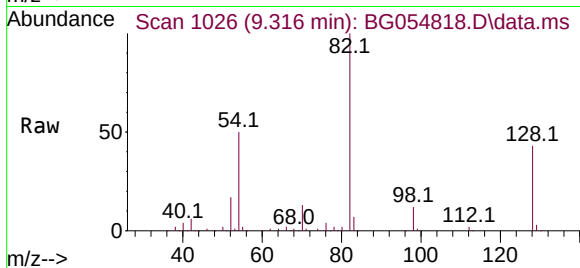
Tgt Ion: 82 Resp: 257002

Ion Ratio Lower Upper

82 100

128 43.3 32.2 48.2

54 50.1 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: BG054818.D

Acq: 1 Sep 2022 11:58

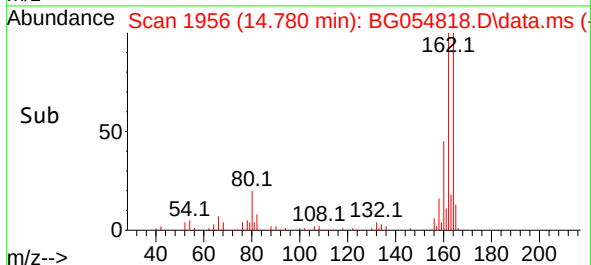
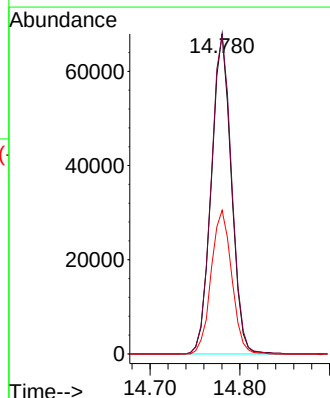
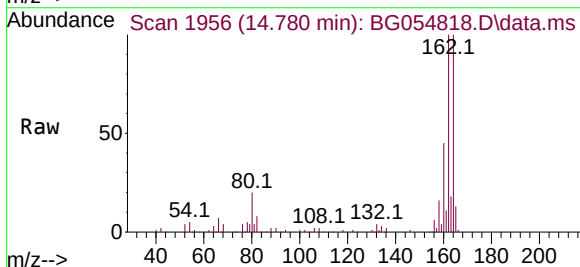
Tgt Ion:164 Resp: 104294

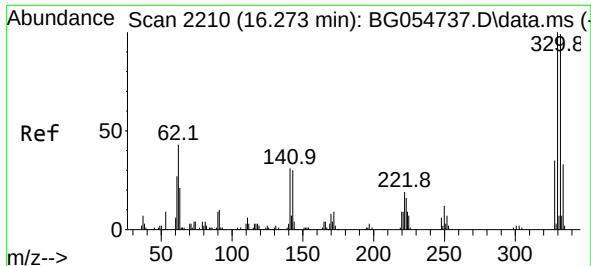
Ion Ratio Lower Upper

164 100

162 99.6 83.0 124.4

160 44.9 38.0 57.0

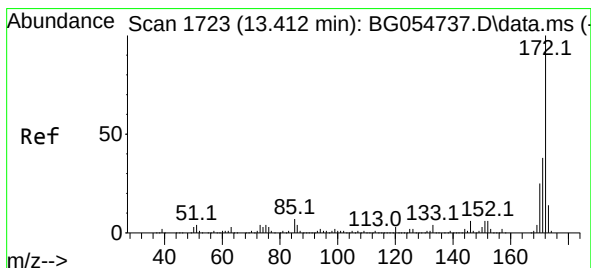
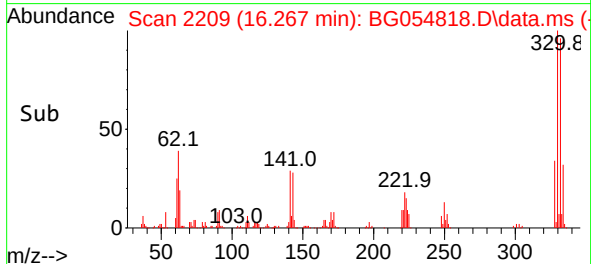
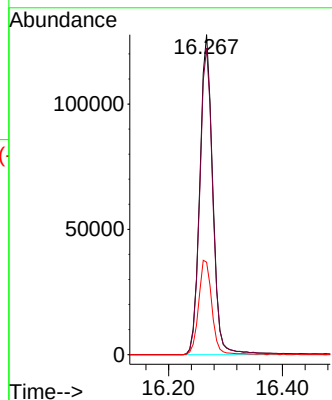
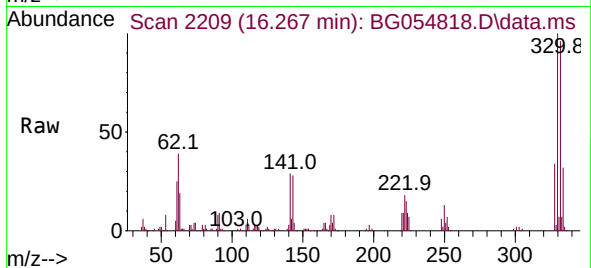




#42
 2,4,6-Tribromophenol
 Concen: 154.522 ng
 RT: 16.267 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG054818.D
 Acq: 1 Sep 2022 11:58

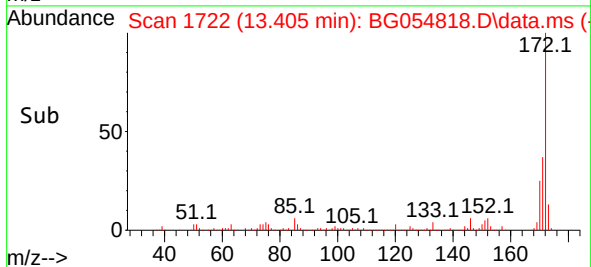
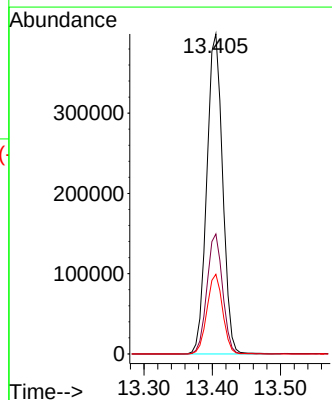
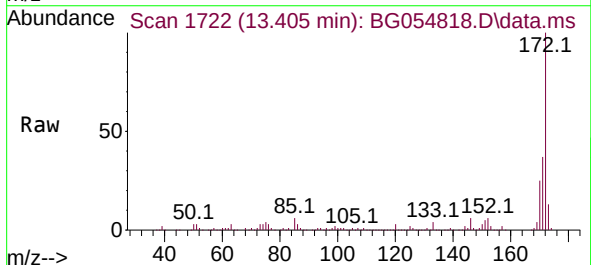
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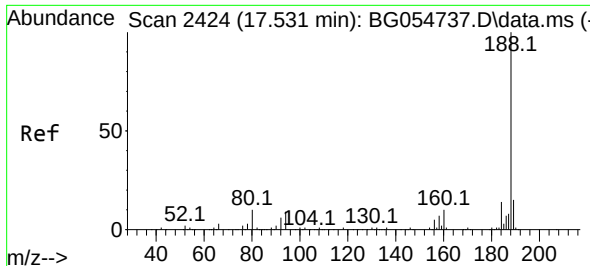
Tgt Ion:330 Resp: 201377
 Ion Ratio Lower Upper
 330 100
 332 97.2 79.8 119.6
 141 30.1 26.8 40.2



#45
 2-Fluorobiphenyl
 Concen: 92.326 ng
 RT: 13.405 min Scan# 1722
 Delta R.T. -0.007 min
 Lab File: BG054818.D
 Acq: 1 Sep 2022 11:58

Tgt Ion:172 Resp: 640652
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.2 46.8
 170 24.9 20.6 30.8

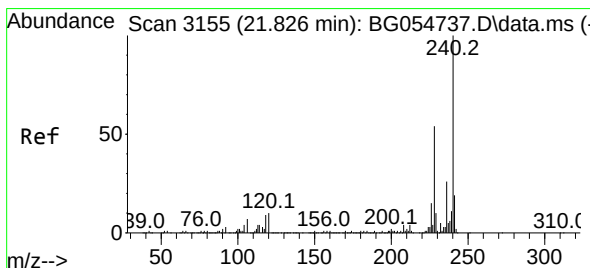
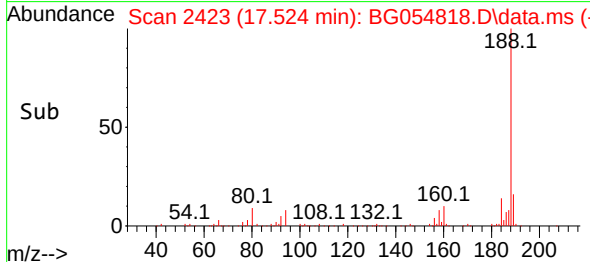
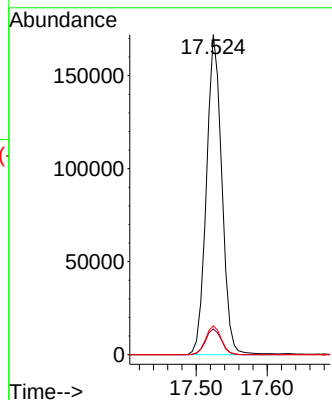
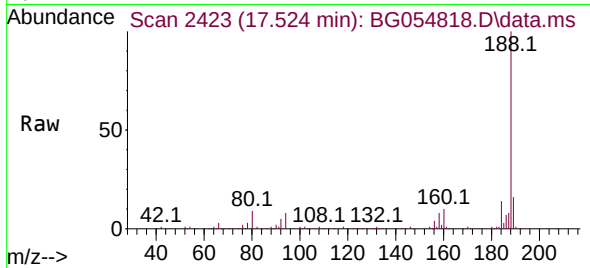




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.524 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG054818.D
Acq: 1 Sep 2022 11:58

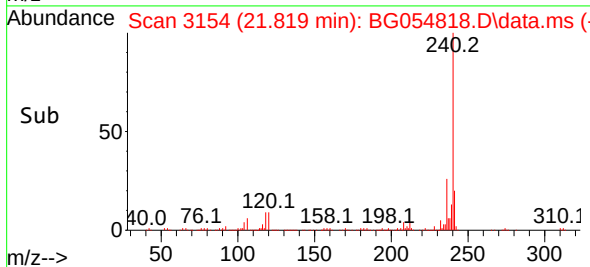
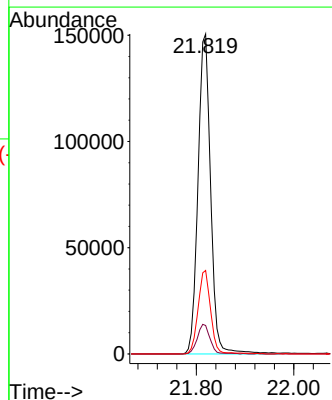
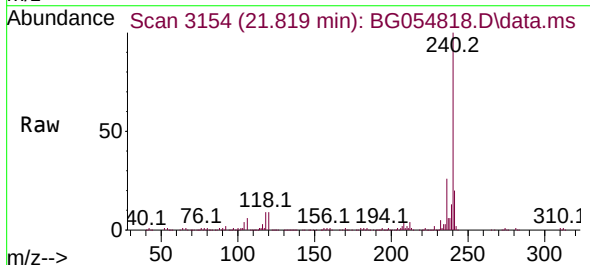
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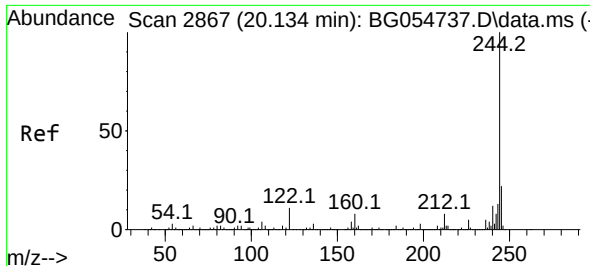
Tgt Ion:188 Resp: 257465
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 9.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3154
Delta R.T. -0.007 min
Lab File: BG054818.D
Acq: 1 Sep 2022 11:58

Tgt Ion:240 Resp: 269698
Ion Ratio Lower Upper
240 100
120 8.9 8.2 12.4
236 26.1 21.2 31.8

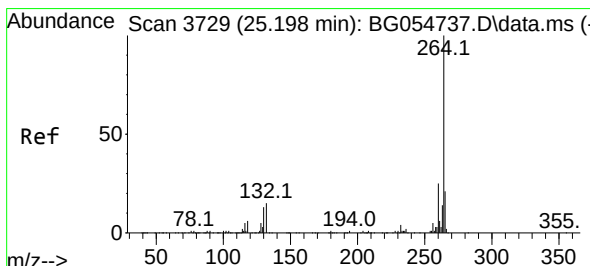
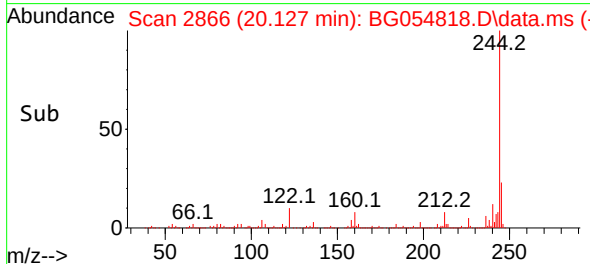
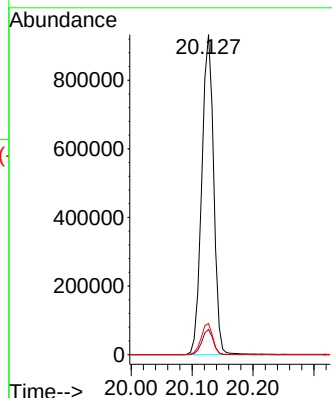
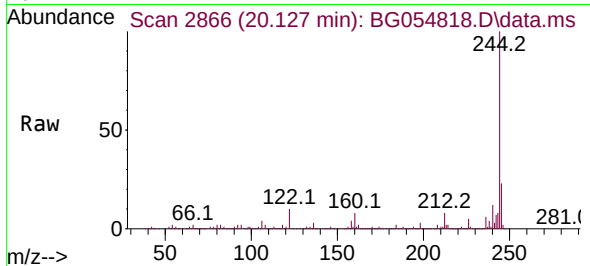




#79
 Terphenyl-d14
 Concen: 93.227 ng
 RT: 20.127 min Scan# 2867
 Delta R.T. -0.007 min
 Lab File: BG054818.D
 Acq: 1 Sep 2022 11:58

Instrument :
 BNA_G
 ClientSampleId :
 PB147322BL

Tgt Ion:244 Resp: 1268970
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 9.7 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: BG054818.D
 Acq: 1 Sep 2022 11:58

Tgt Ion:264 Resp: 272230
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.9 29.9
 265 21.2 16.9 25.3

