

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
 Data File : BG054837.D
 Acq On : 2 Sep 2022 12:46
 Operator : CG/JU
 Sample : N4355-07DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP082322DL

Quant Time: Sep 03 00:25:31 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)

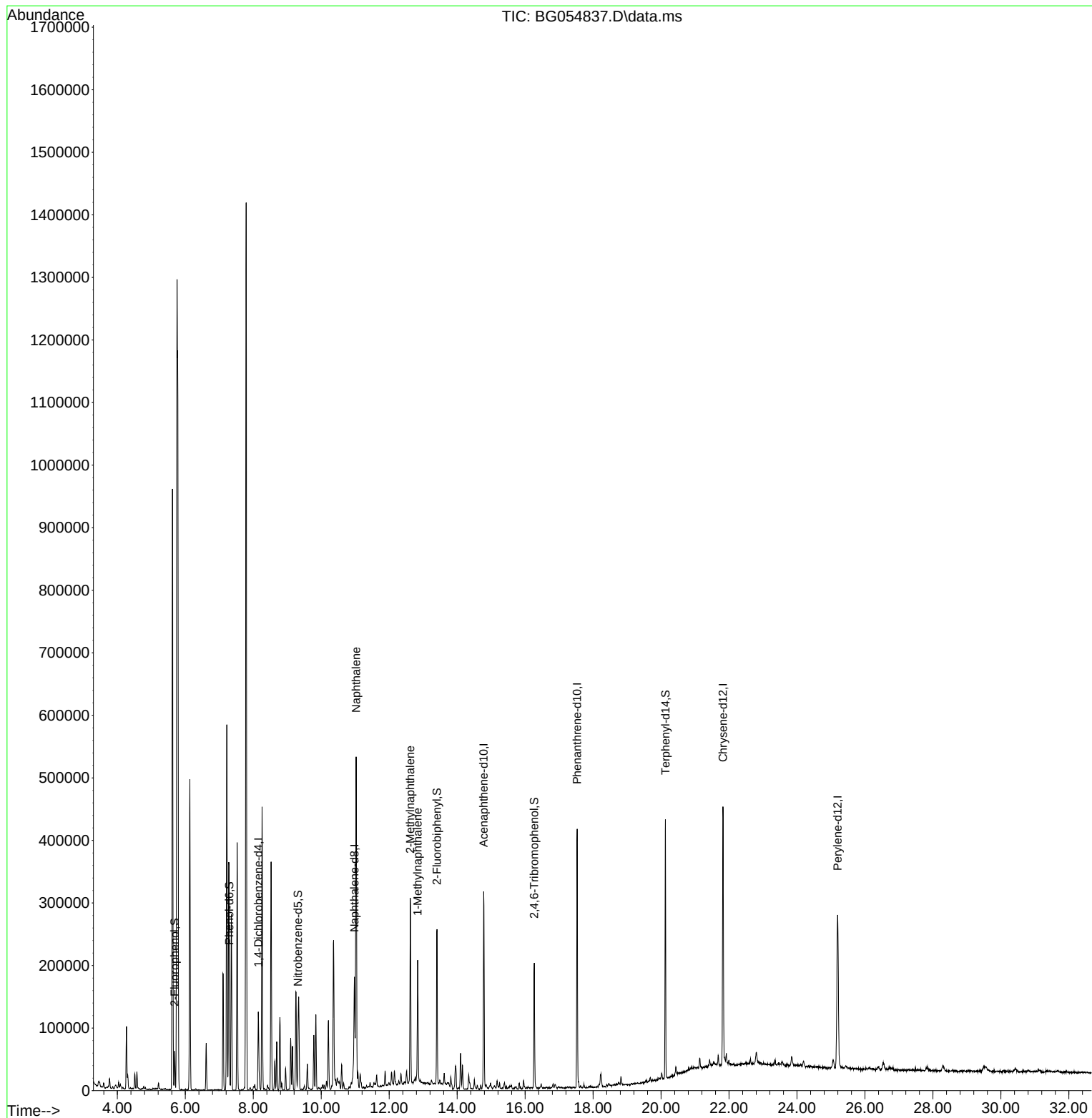
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.148	152	37300	20.000	ng	0.00
21) Naphthalene-d8	10.974	136	158345	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	114494	20.000	ng	0.00
64) Phenanthrene-d10	17.531	188	272599	20.000	ng	0.00
76) Chrysene-d12	21.820	240	266663	20.000	ng	0.00
86) Perylene-d12	25.192	264	282155	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	29282	13.670	ng	0.00
7) Phenol-d6	7.296	99	24746	8.448	ng	0.00
23) Nitrobenzene-d5	9.317	82	50935	16.887	ng	-0.01
42) 2,4,6-Tribromophenol	16.267	330	45756	31.982	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	136719	17.948	ng	0.00
79) Terphenyl-d14	20.128	244	218030	16.200	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	11.027	128	458219	53.936	ng	99
37) 2-Methylnaphthalene	12.619	142	147291	24.736	ng	100
38) 1-Methylnaphthalene	12.836	142	93484	16.137	ng	98

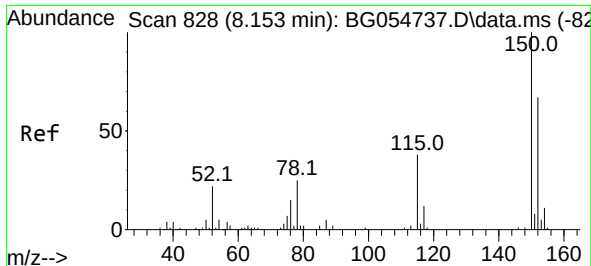
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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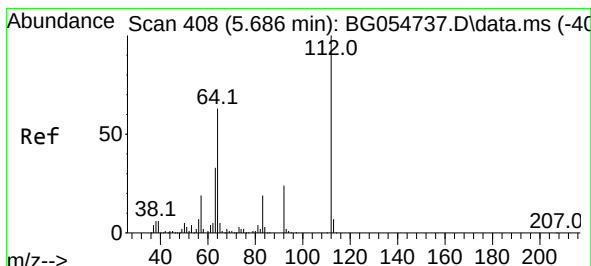
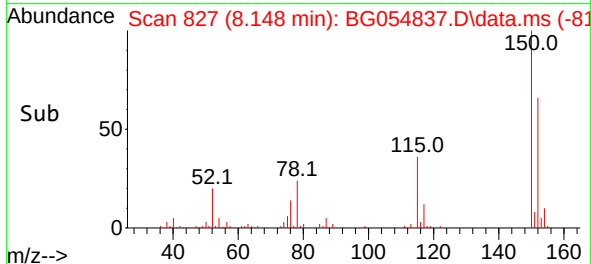
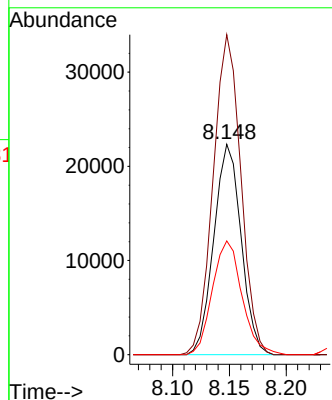
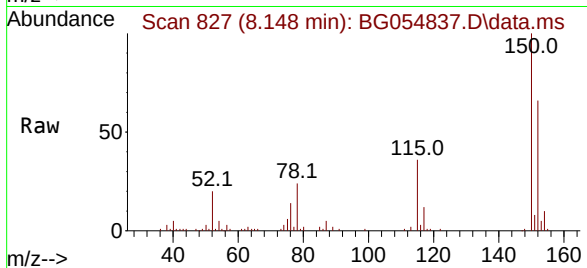




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.148 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

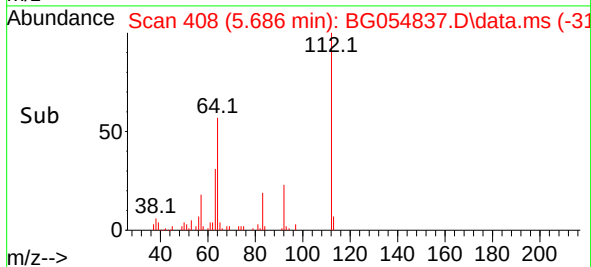
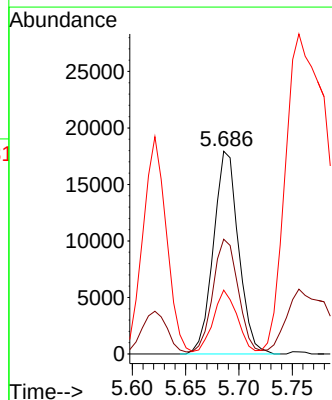
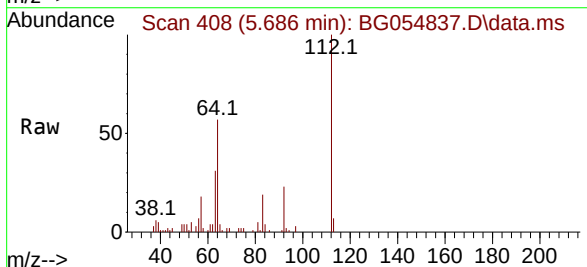
Instrument :
BNA_G
ClientSampleId :
DUP082322DL

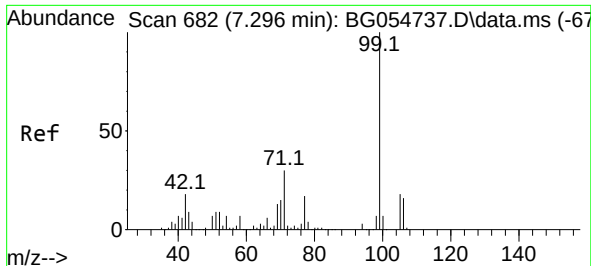
Tgt Ion:152 Resp: 37300
Ion Ratio Lower Upper
152 100
150 152.0 125.2 187.8
115 54.0 47.9 71.9



#5
2-Fluorophenol
Concen: 13.670 ng
RT: 5.686 min Scan# 408
Delta R.T. -0.000 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

Tgt Ion:112 Resp: 29282
Ion Ratio Lower Upper
112 100
64 56.6 49.3 73.9
63 31.5 26.3 39.5

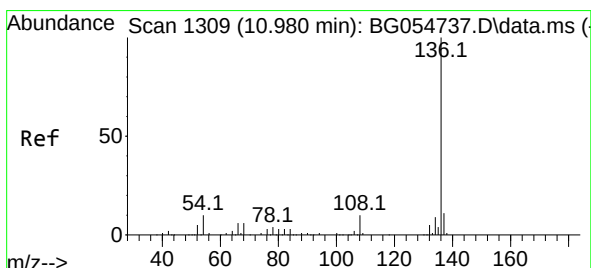
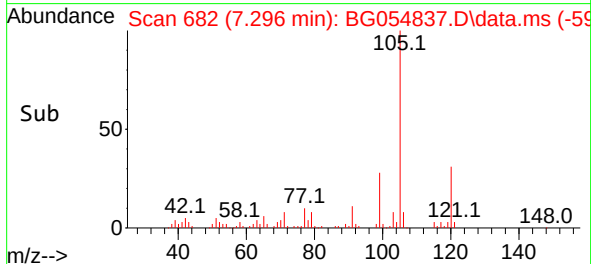
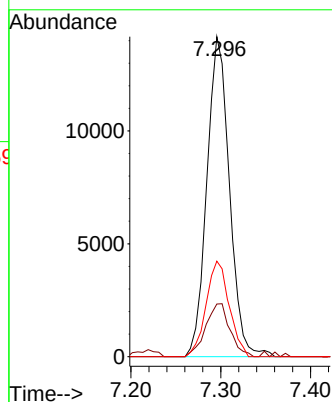
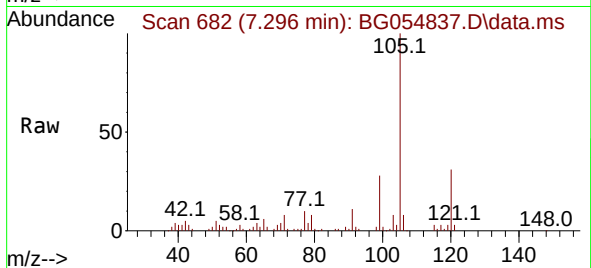




#7
Phenol-d6
Concen: 8.448 ng
RT: 7.296 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

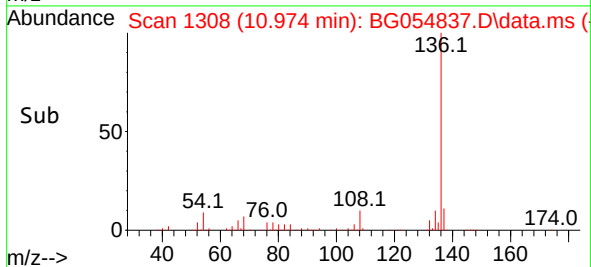
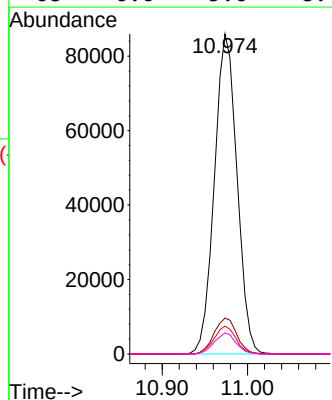
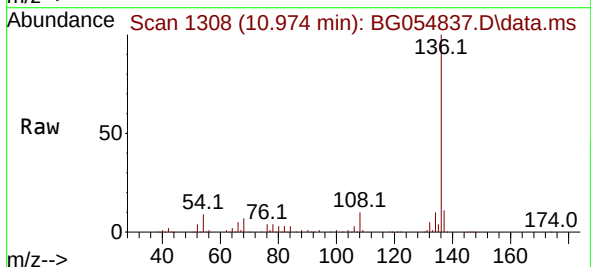
Instrument :
BNA_G
ClientSampleId :
DUP082322DL

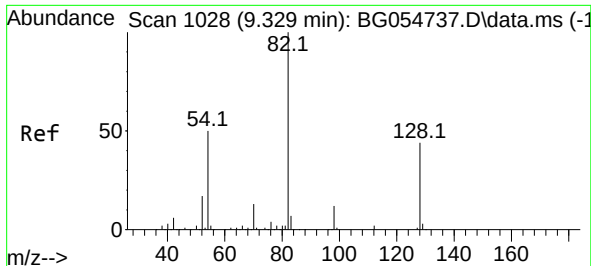
Tgt Ion: 99 Resp: 24746
Ion Ratio Lower Upper
99 100
42 16.4 14.6 22.0
71 29.8 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.974 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

Tgt Ion:136 Resp: 158345
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 8.7 7.7 11.5
68 6.6 5.6 8.4

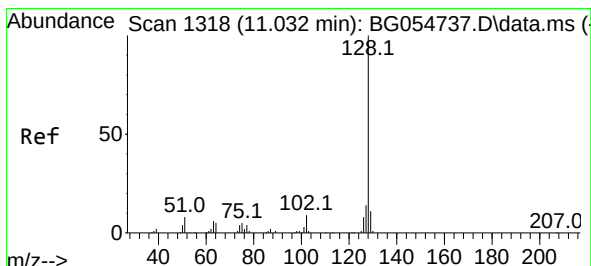
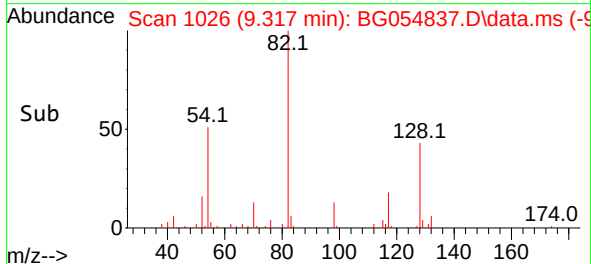
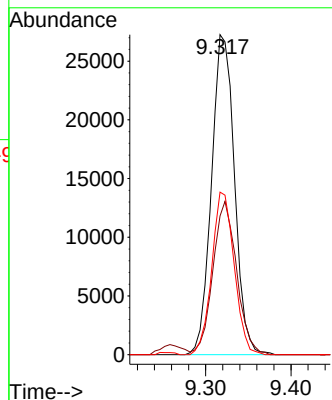
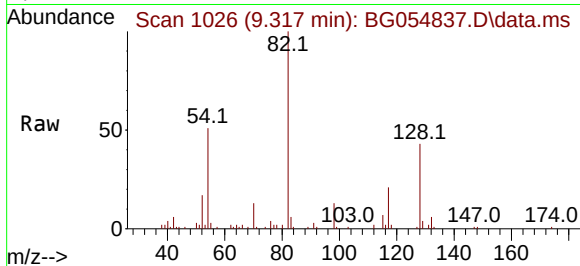




#23
Nitrobenzene-d5
Concen: 16.887 ng
RT: 9.317 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

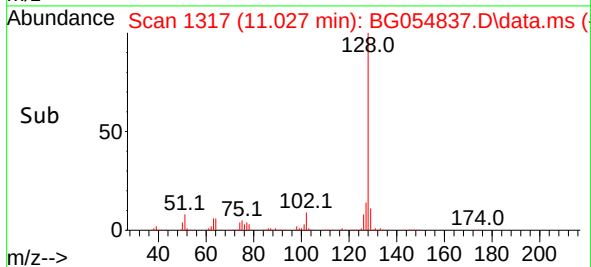
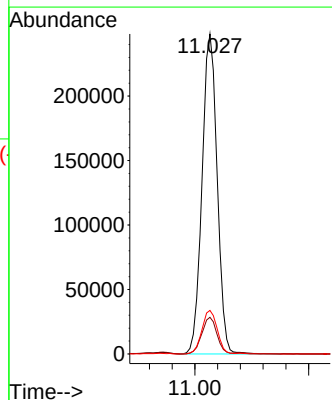
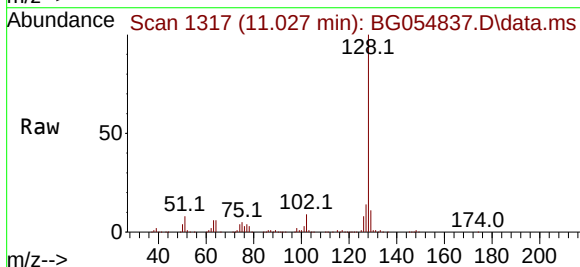
Instrument :
BNA_G
ClientSampleId :
DUP082322DL

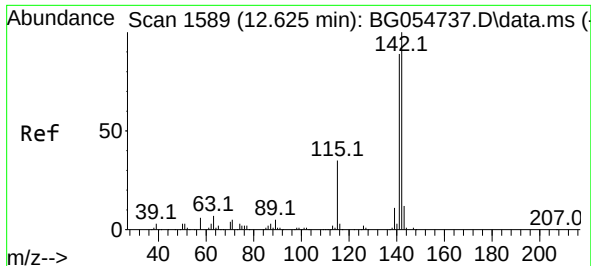
Tgt Ion: 82 Resp: 50935
Ion Ratio Lower Upper
82 100
128 43.3 32.2 48.2
54 50.8 41.4 62.0



#31
Naphthalene
Concen: 53.936 ng
RT: 11.027 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

Tgt Ion:128 Resp: 458219
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.6 11.1 16.7





#37

2-Methylnaphthalene

Concen: 24.736 ng

RT: 12.619 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG054837.D

Acq: 2 Sep 2022 12:46

Instrument :

BNA_G

ClientSampleId :

DUP082322DL

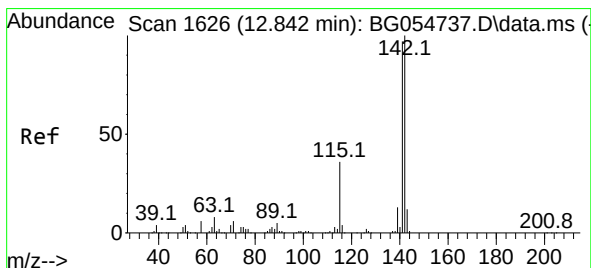
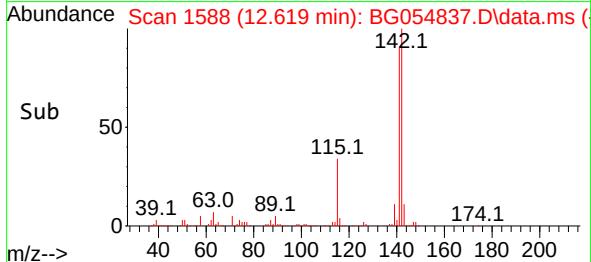
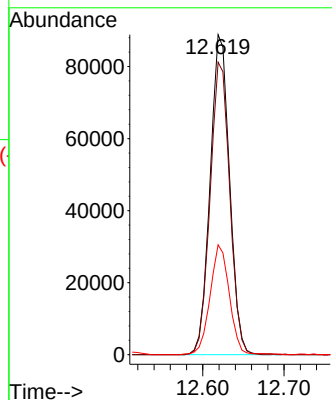
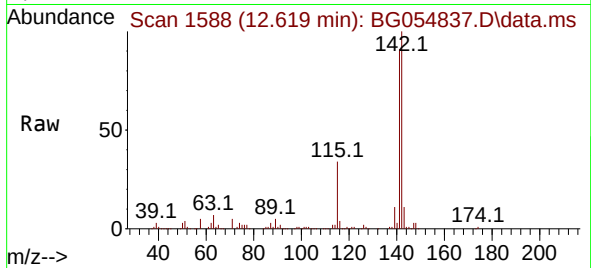
Tgt Ion:142 Resp: 147291

Ion Ratio Lower Upper

142 100

141 91.4 73.0 109.4

115 34.3 27.3 40.9



#38

1-Methylnaphthalene

Concen: 16.137 ng

RT: 12.836 min Scan# 1625

Delta R.T. -0.006 min

Lab File: BG054837.D

Acq: 2 Sep 2022 12:46

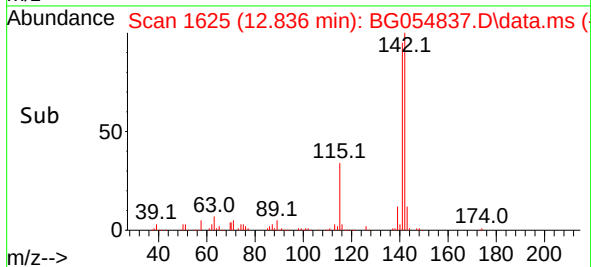
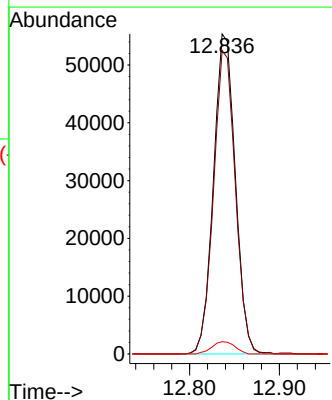
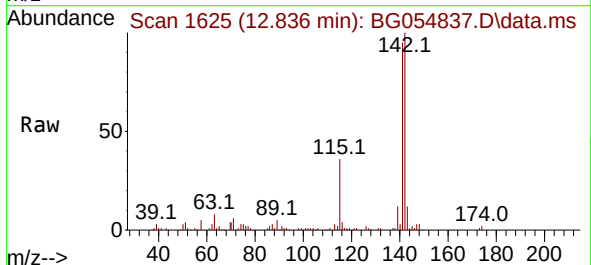
Tgt Ion:142 Resp: 93484

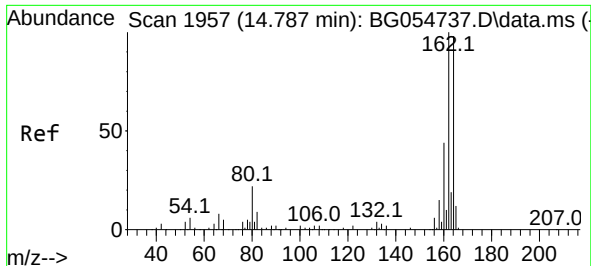
Ion Ratio Lower Upper

142 100

141 94.8 77.4 116.0

116 3.8 3.0 4.4

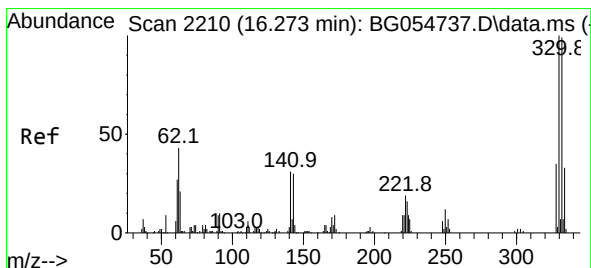
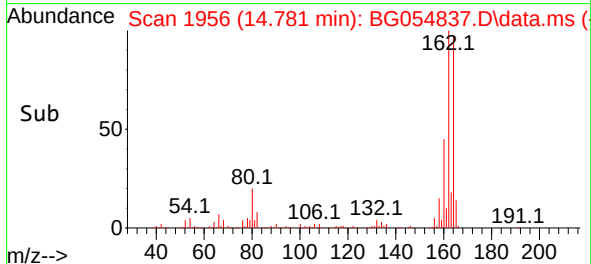
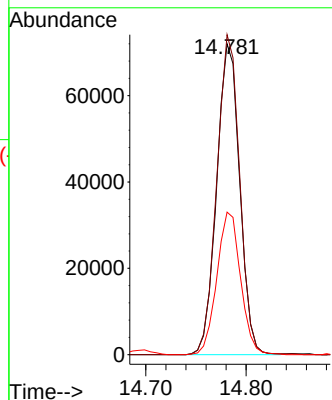
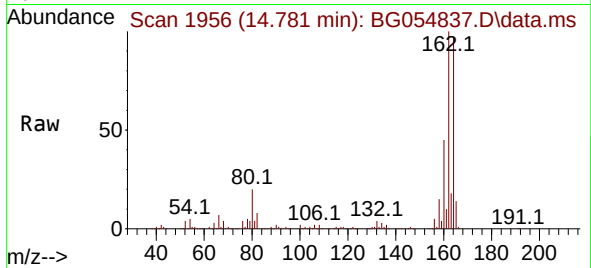




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

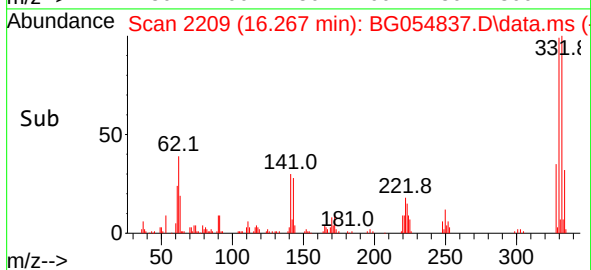
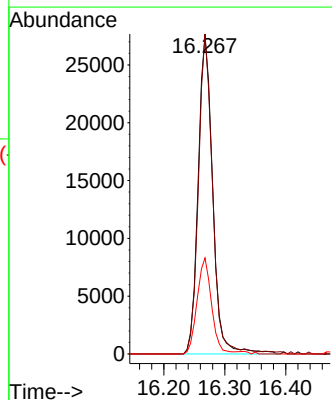
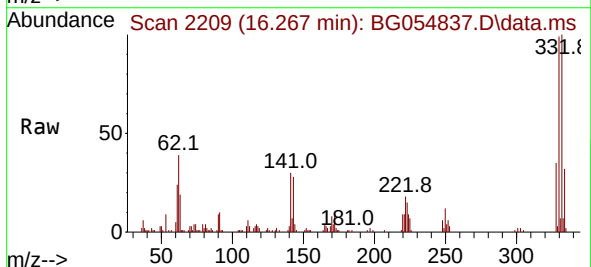
Instrument :
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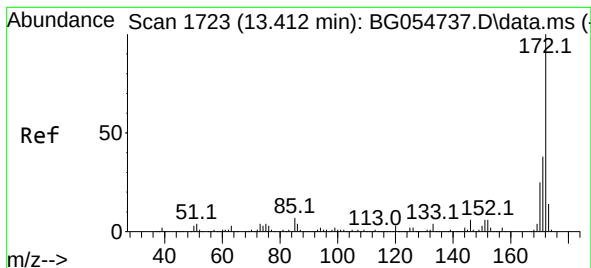
Tgt Ion:164 Resp: 114494
Ion Ratio Lower Upper
164 100
162 102.9 83.0 124.4
160 45.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 31.982 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

Tgt Ion:330 Resp: 45756
Ion Ratio Lower Upper
330 100
332 97.4 79.8 119.6
141 29.8 26.8 40.2





#45

2-Fluorobiphenyl

Concen: 17.948 ng

RT: 13.406 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG054837.D

Acq: 2 Sep 2022 12:46

Instrument :

BNA_G

ClientSampleId :

DUP082322DL

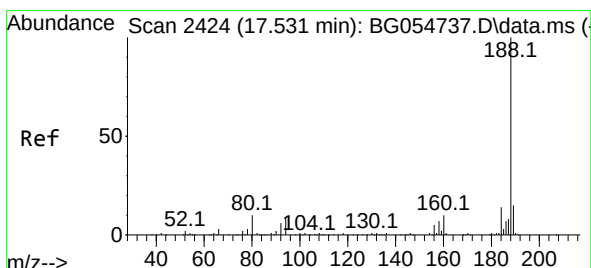
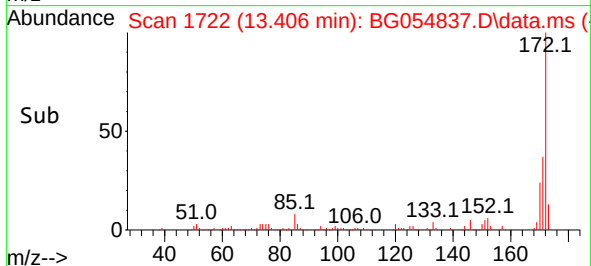
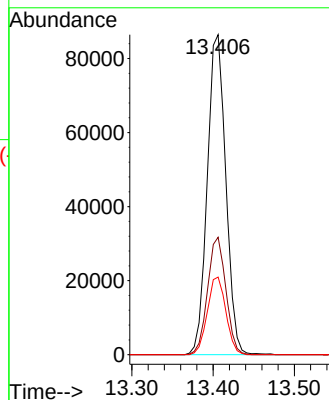
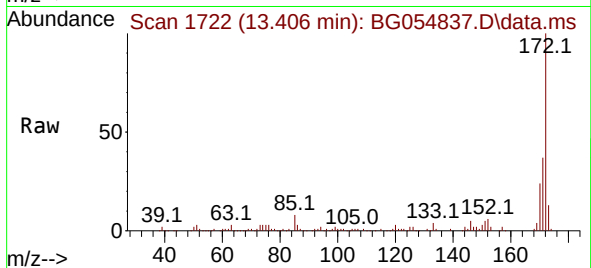
Tgt Ion:172 Resp: 136719

Ion Ratio Lower Upper

172 100

171 36.7 31.2 46.8

170 24.3 20.6 30.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.531 min Scan# 2424

Delta R.T. -0.000 min

Lab File: BG054837.D

Acq: 2 Sep 2022 12:46

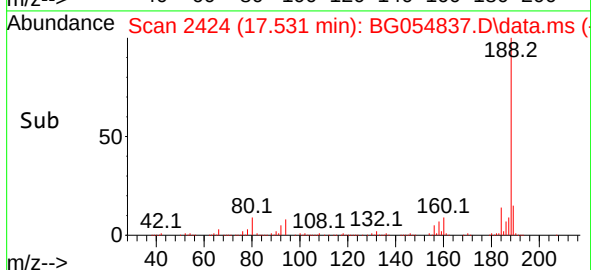
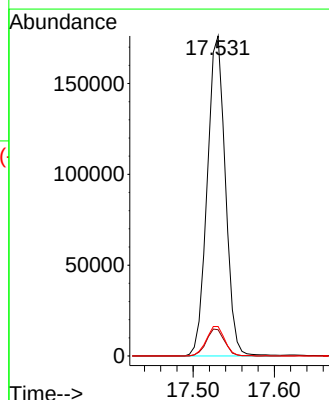
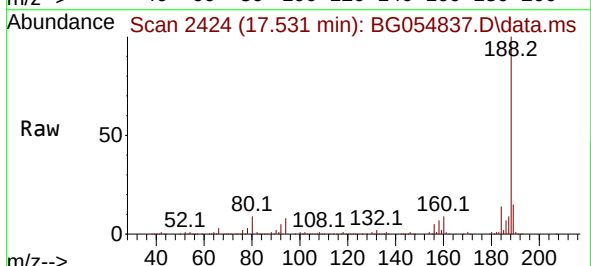
Tgt Ion:188 Resp: 272599

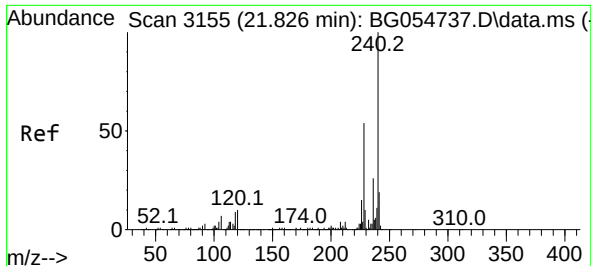
Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.4

80 9.2 7.9 11.9

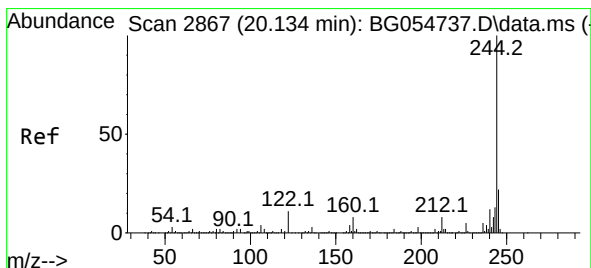
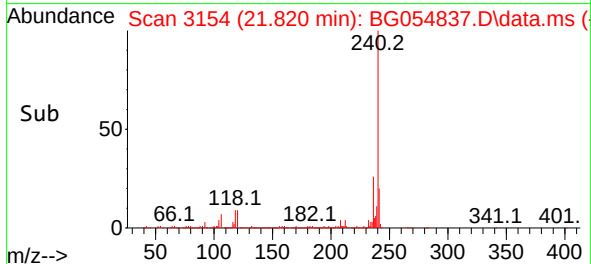
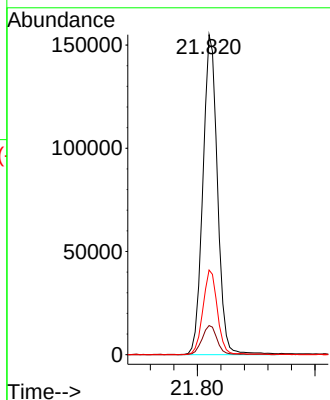
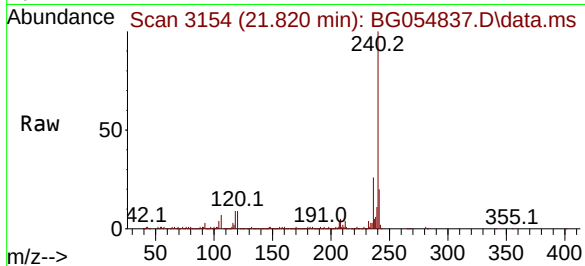




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.820 min Scan# 3155
Delta R.T. -0.006 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

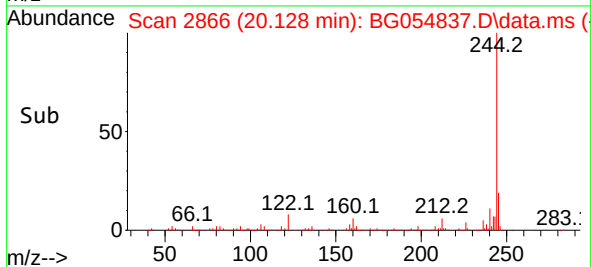
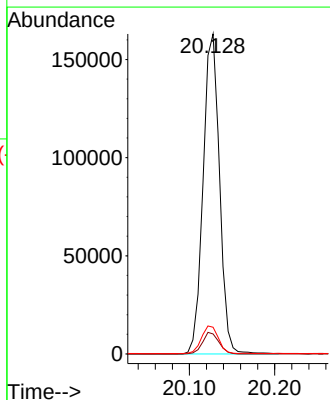
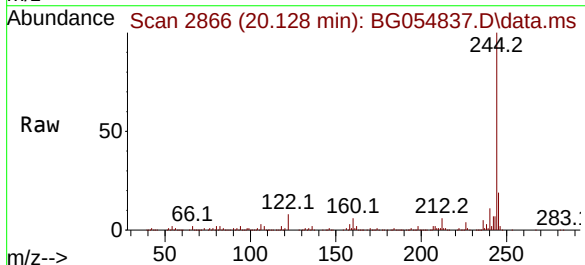
Instrument :
BNA_G
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DUP082322DL

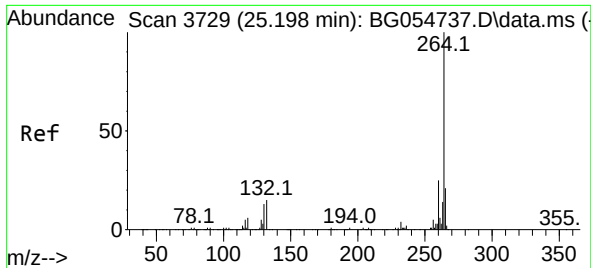
Tgt Ion:240 Resp: 266663
Ion Ratio Lower Upper
240 100
120 9.1 8.2 12.4
236 26.4 21.2 31.8



#79
Terphenyl-d14
Concen: 16.200 ng
RT: 20.128 min Scan# 2866
Delta R.T. -0.006 min
Lab File: BG054837.D
Acq: 2 Sep 2022 12:46

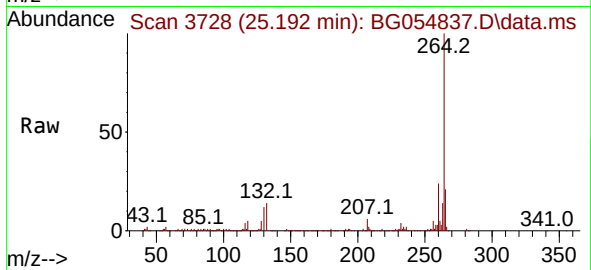
Tgt Ion:244 Resp: 218030
Ion Ratio Lower Upper
244 100
212 6.3 6.2 9.2
122 8.4 9.0 13.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.192 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BG054837.D
 Acq: 2 Sep 2022 12:46

Instrument :
 BNA_G
 ClientSampleId :
 DUP082322DL



Tgt Ion:264 Resp: 282155
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.9 29.9
 265 21.3 16.9 25.3

