

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090722\
 Data File : BG054870.D
 Acq On : 7 Sep 2022 15:46
 Operator : CG/JU
 Sample : N4500-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMP

Quant Time: Sep 08 04:44:10 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	8.146	152	41008	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	159866	20.000	ng	0.00
39) Acenaphthene-d10	14.786	164	109537	20.000	ng	0.00
64) Phenanthrene-d10	17.535	188	252441	20.000	ng	0.00
76) Chrysene-d12	21.830	240	252885	20.000	ng	0.00
86) Perylene-d12	25.215	264	269895	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	373930	158.785	ng	0.00
7) Phenol-d6	7.306	99	495864	153.967	ng	0.01
23) Nitrobenzene-d5	9.321	82	297896	97.822	ng	0.00
42) 2,4,6-Tribromophenol	16.272	330	235762	172.248	ng	0.00
45) 2-Fluorobiphenyl	13.411	172	736662	101.081	ng	0.00
79) Terphenyl-d14	20.132	244	1319233	103.364	ng	0.00

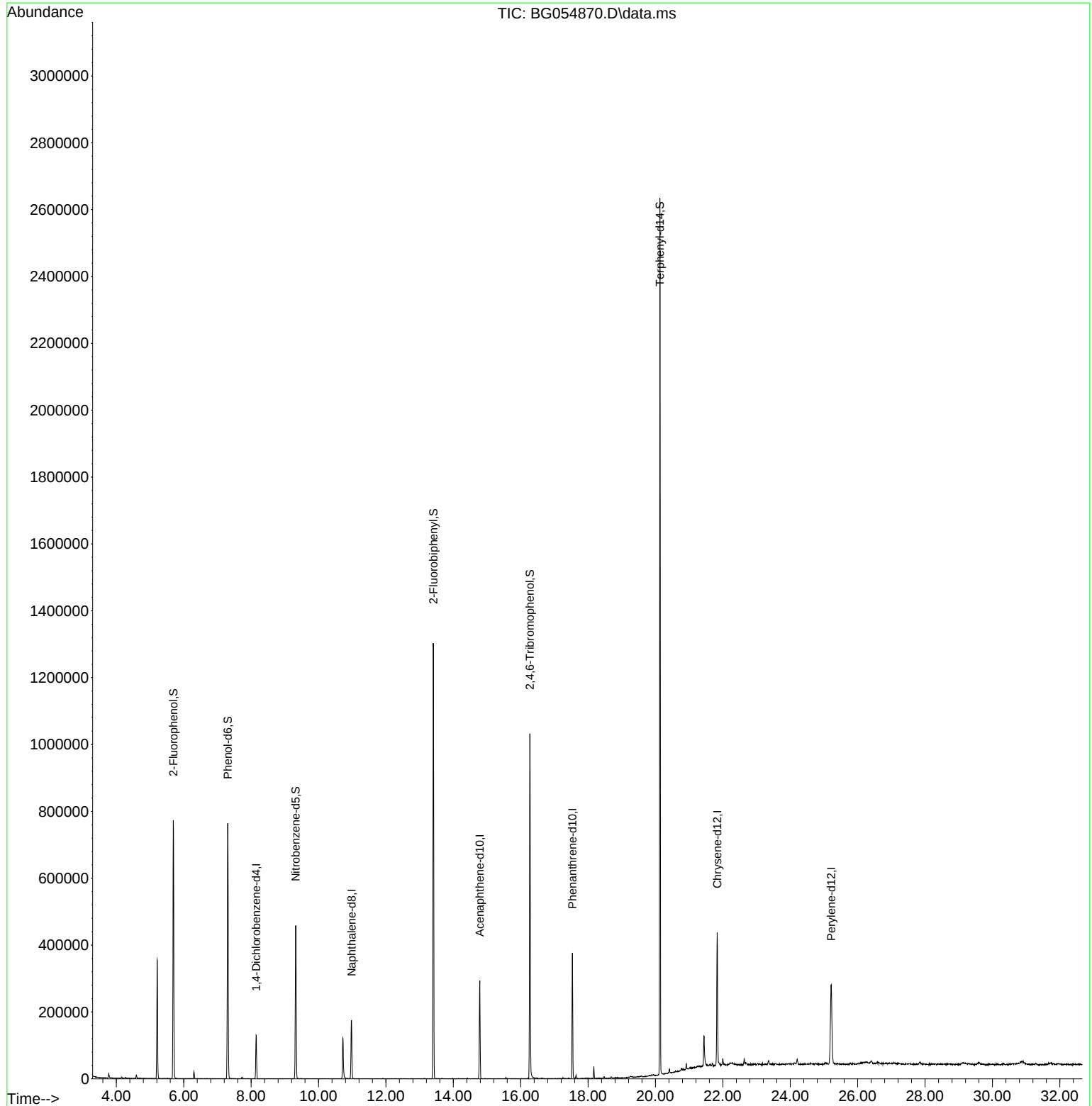
Target Compounds Qvalue

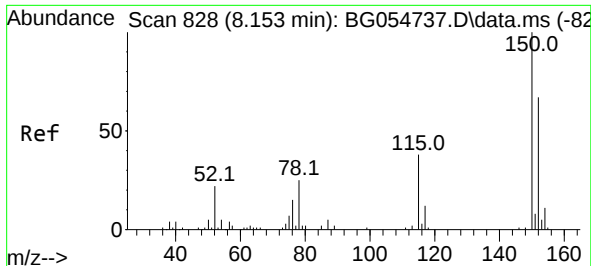
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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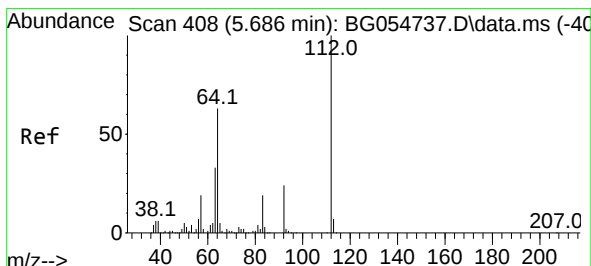
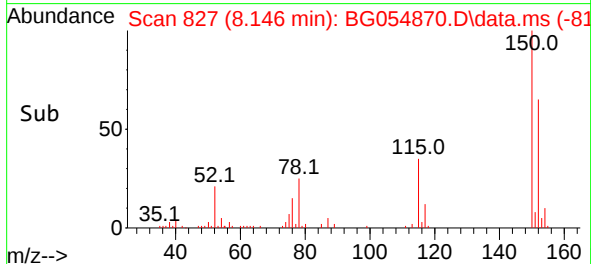
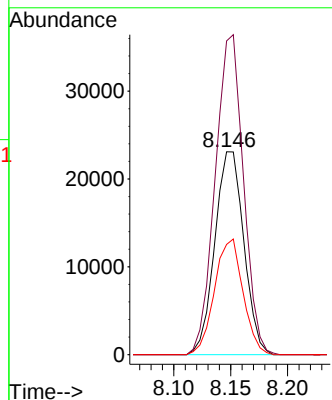
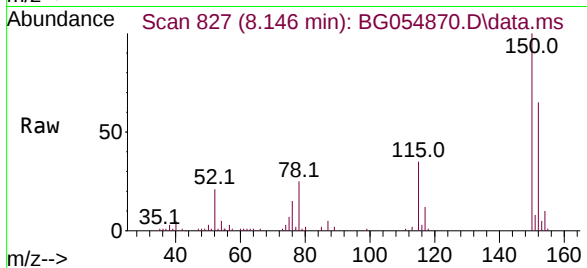




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG054870.D
Acq: 7 Sep 2022 15:46

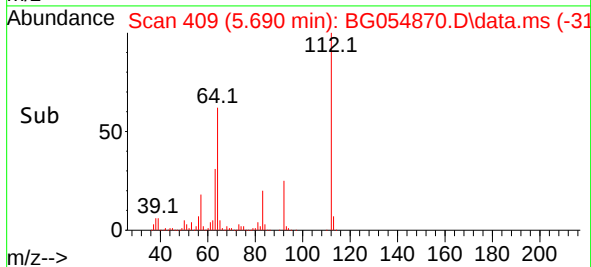
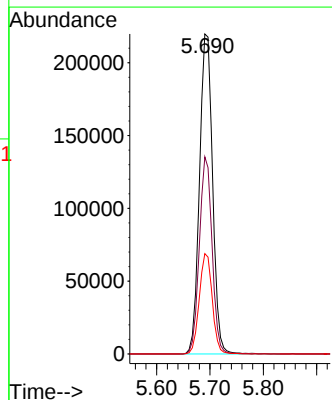
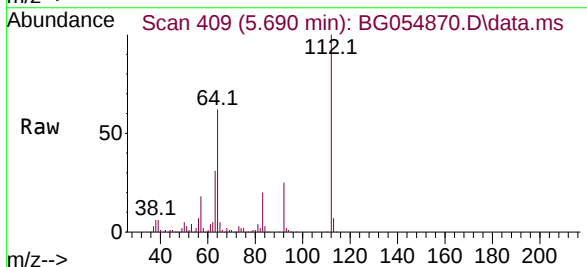
Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

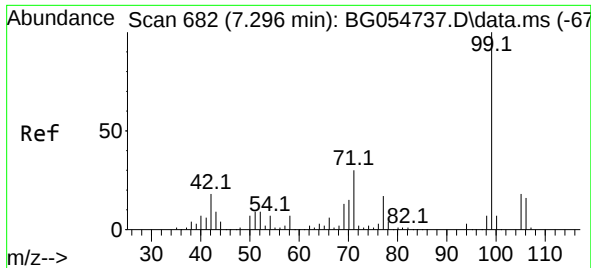
Tgt Ion:152 Resp: 41008
Ion Ratio Lower Upper
152 100
150 154.7 125.2 187.8
115 54.3 47.9 71.9



#5
2-Fluorophenol
Concen: 158.785 ng
RT: 5.690 min Scan# 409
Delta R.T. 0.005 min
Lab File: BG054870.D
Acq: 7 Sep 2022 15:46

Tgt Ion:112 Resp: 373930
Ion Ratio Lower Upper
112 100
64 61.6 49.3 73.9
63 31.3 26.3 39.5

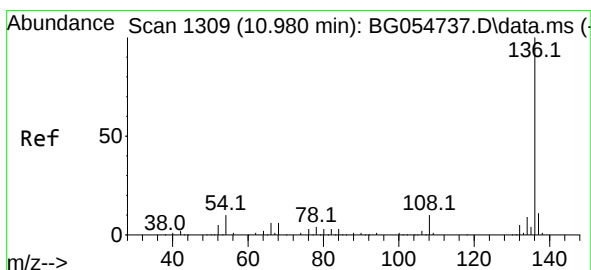
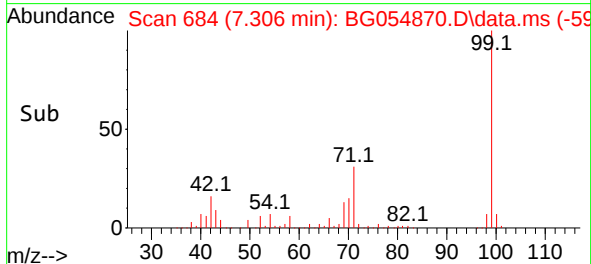
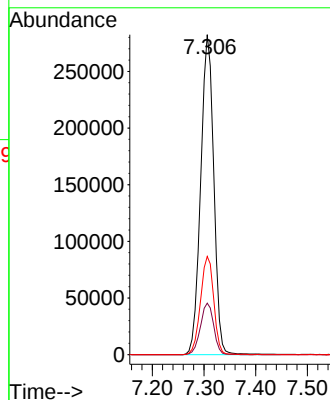
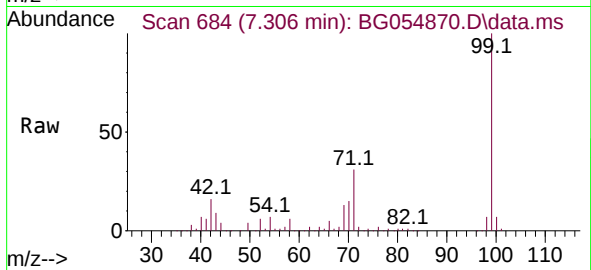




#7
Phenol-d6
Concen: 153.967 ng
RT: 7.306 min Scan# 684
Delta R.T. 0.010 min
Lab File: BG054870.D
Acq: 7 Sep 2022 15:46

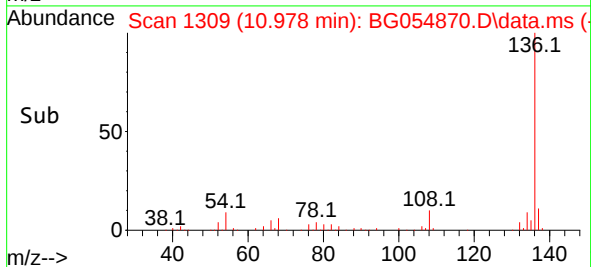
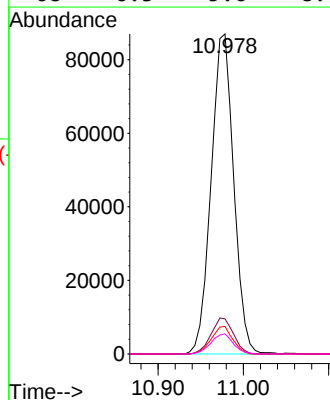
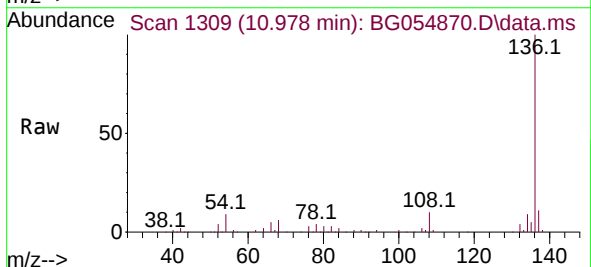
Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

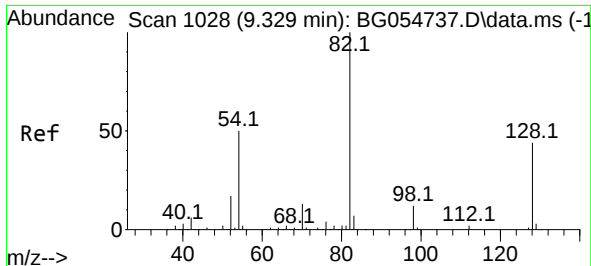
Tgt Ion: 99 Resp: 495864
Ion Ratio Lower Upper
99 100
42 16.1 14.6 22.0
71 30.7 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.978 min Scan# 1309
Delta R.T. -0.002 min
Lab File: BG054870.D
Acq: 7 Sep 2022 15:46

Tgt Ion: 136 Resp: 159866
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 8.6 7.7 11.5
68 6.3 5.6 8.4





#23
Nitrobenzene-d5
Concen: 97.822 ng
RT: 9.321 min Scan# 10
Delta R.T. -0.007 min
Lab File: BG054870.D
Acq: 7 Sep 2022 15:46

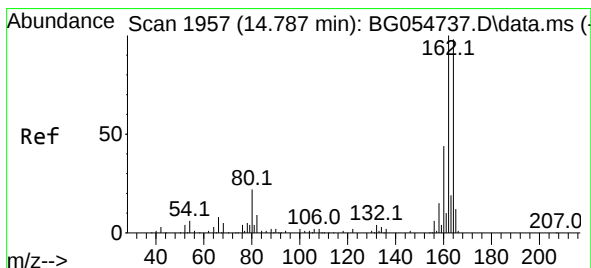
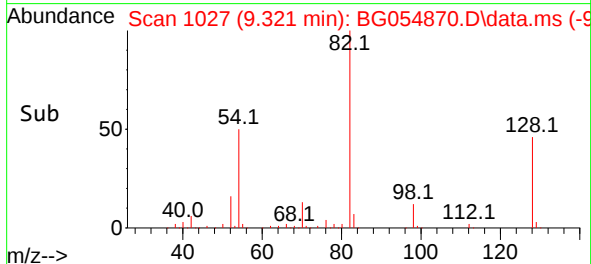
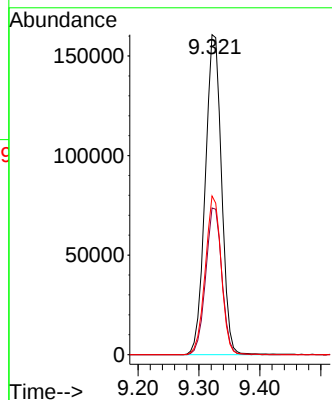
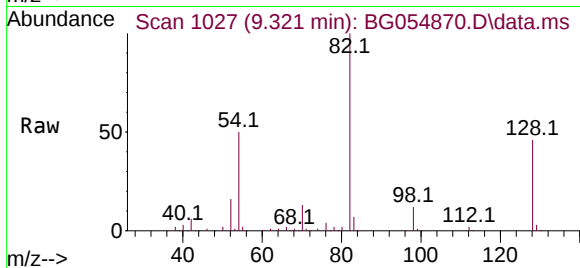
Instrument :

BNA_G

ClientSampleId :

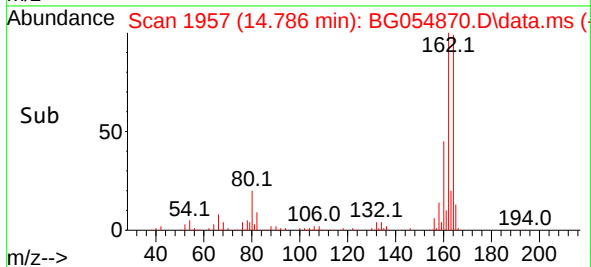
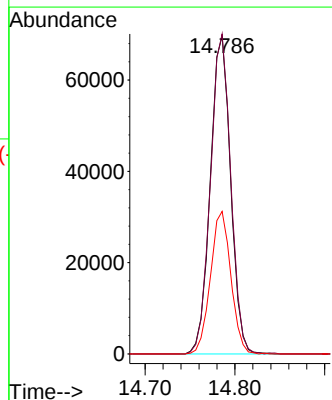
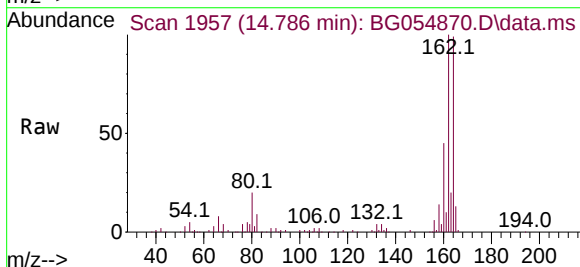
SB-02-COMP

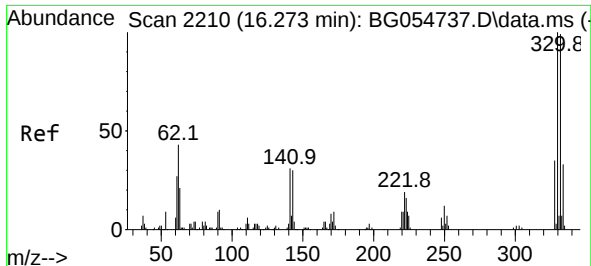
Tgt Ion: 82 Resp: 297896
Ion Ratio Lower Upper
82 100
128 45.8 32.2 48.2
54 49.6 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.786 min Scan# 1957
Delta R.T. -0.001 min
Lab File: BG054870.D
Acq: 7 Sep 2022 15:46

Tgt Ion:164 Resp: 109537
Ion Ratio Lower Upper
164 100
162 100.7 83.0 124.4
160 44.9 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 172.248 ng

RT: 16.272 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG054870.D

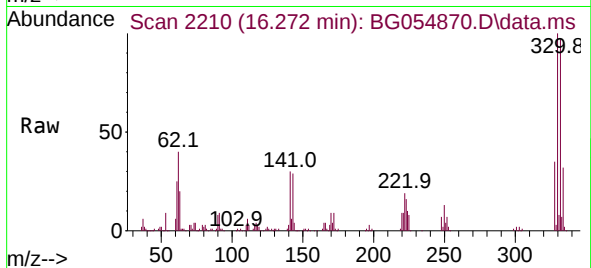
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Instrument :

BNA_G

ClientSampleId :

SB-02-COMP



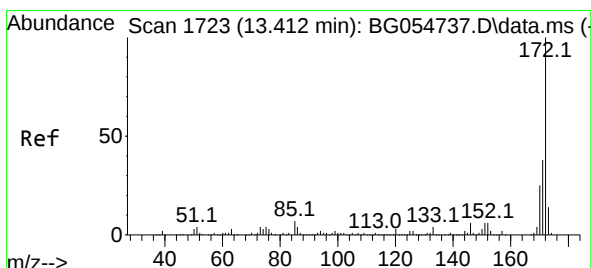
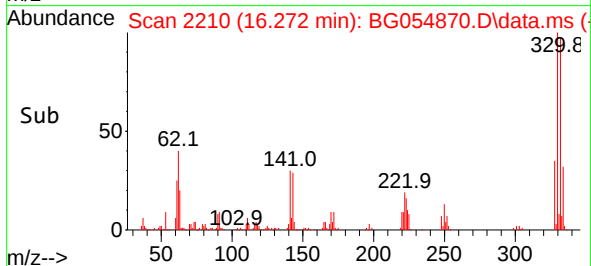
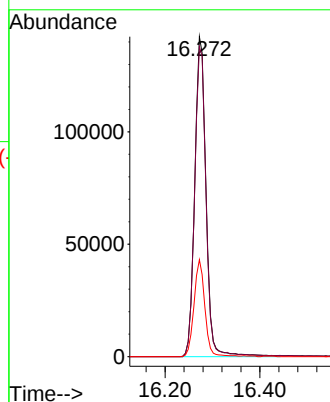
Tgt Ion:330 Resp: 235762

Ion Ratio Lower Upper

330 100

332 97.8 79.8 119.6

141 28.9 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 101.081 ng

RT: 13.411 min Scan# 1723

Delta R.T. -0.001 min

Lab File: BG054870.D

Acq: 7 Sep 2022 15:46

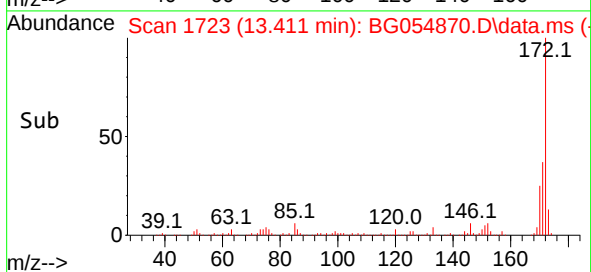
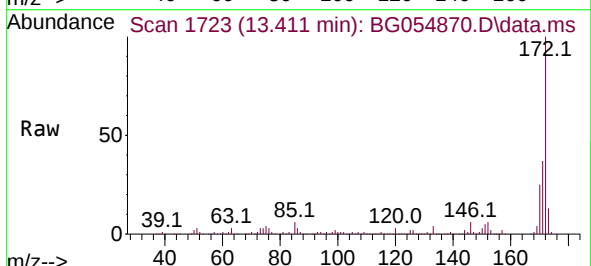
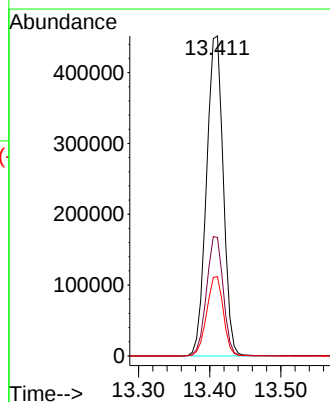
Tgt Ion:172 Resp: 736662

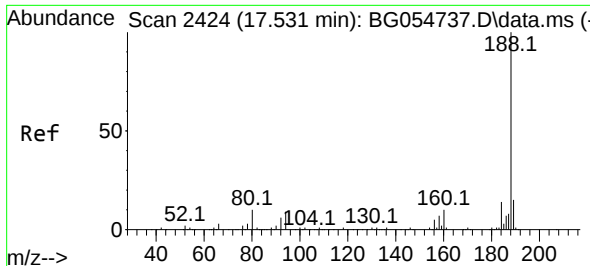
Ion Ratio Lower Upper

172 100

171 37.0 31.2 46.8

170 24.8 20.6 30.8

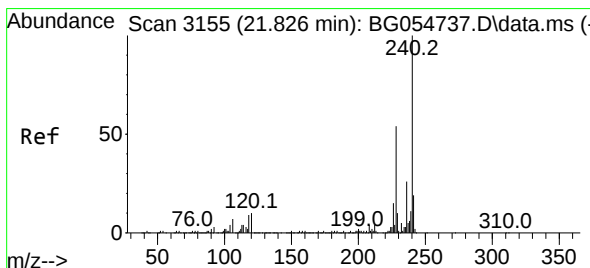
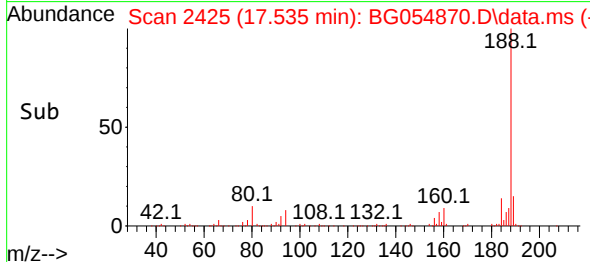
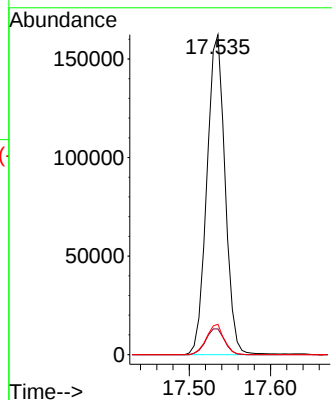
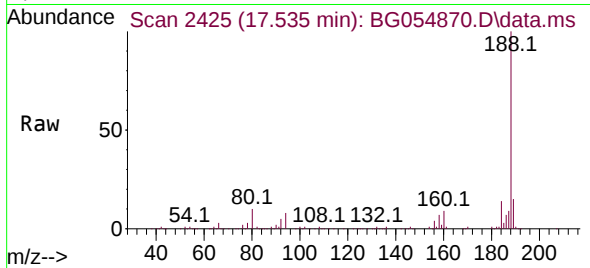




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.535 min Scan# 24
Delta R.T. 0.005 min
Lab File: BG054870.D
Acq: 7 Sep 2022 15:46

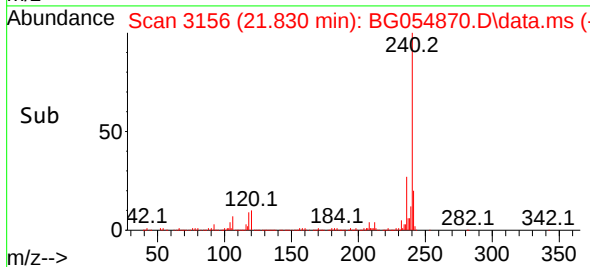
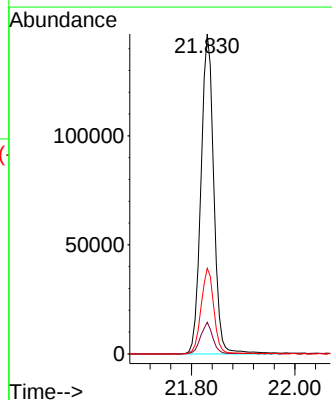
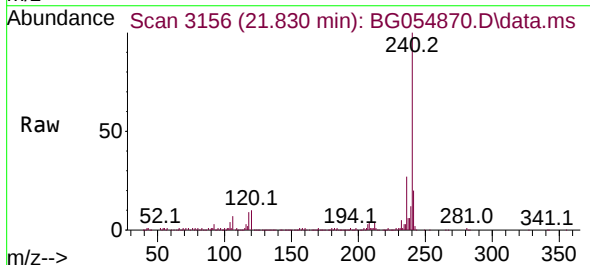
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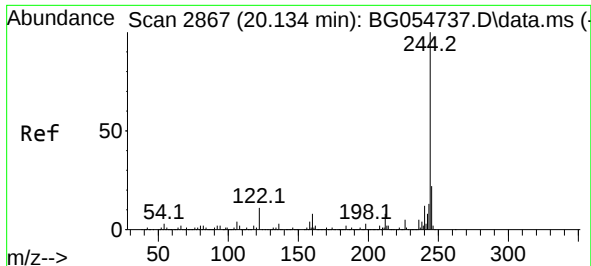
Tgt Ion:188 Resp: 252441
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 9.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.830 min Scan# 3156
Delta R.T. 0.005 min
Lab File: BG054870.D
Acq: 7 Sep 2022 15:46

Tgt Ion:240 Resp: 252885
Ion Ratio Lower Upper
240 100
120 9.9 8.2 12.4
236 26.7 21.2 31.8





#79

Terphenyl-d14

Concen: 103.364 ng

RT: 20.132 min Scan# 2867

Delta R.T. -0.001 min

Lab File: BG054870.D

Acq: 7 Sep 2022 15:46

Instrument :

BNA_G

ClientSampleId :

SB-02-COMP

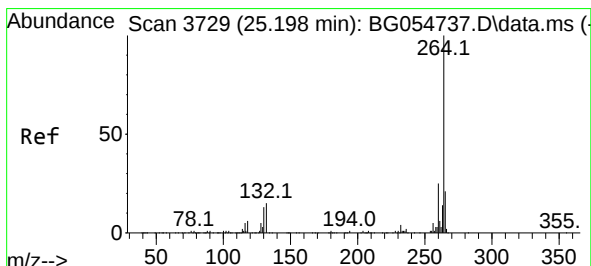
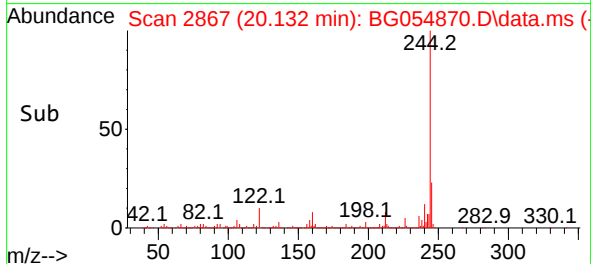
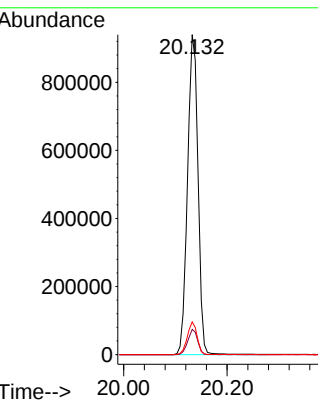
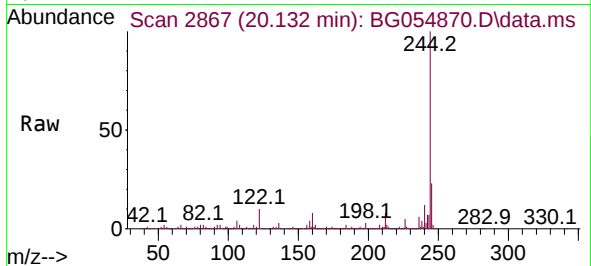
Tgt Ion:244 Resp: 1319233

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 10.2 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.215 min Scan# 3732

Delta R.T. 0.016 min

Lab File: BG054870.D

Acq: 7 Sep 2022 15:46

Tgt Ion:264 Resp: 269895

Ion Ratio Lower Upper

264 100

260 24.4 19.9 29.9

265 21.6 16.9 25.3

