

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090822\
 Data File : BG054883.D
 Acq On : 8 Sep 2022 14:21
 Operator : CG/JU
 Sample : N4501-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-08-COMP

Quant Time: Sep 09 02:48:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 02:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	33626	20.000	ng	0.00
21) Naphthalene-d8	10.972	136	132303	20.000	ng	0.00
39) Acenaphthene-d10	14.785	164	92663	20.000	ng	0.00
64) Phenanthrene-d10	17.535	188	231151	20.000	ng	0.00
76) Chrysene-d12	21.830	240	226365	20.000	ng	0.00
86) Perylene-d12	25.214	264	244907	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	218662	113.237	ng	0.00
7) Phenol-d6	7.300	99	290419	109.973	ng	0.00
23) Nitrobenzene-d5	9.321	82	167466	66.449	ng	0.00
42) 2,4,6-Tribromophenol	16.272	330	163197	140.944	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	424856	68.913	ng	0.00
79) Terphenyl-d14	20.132	244	816140	71.437	ng	0.00

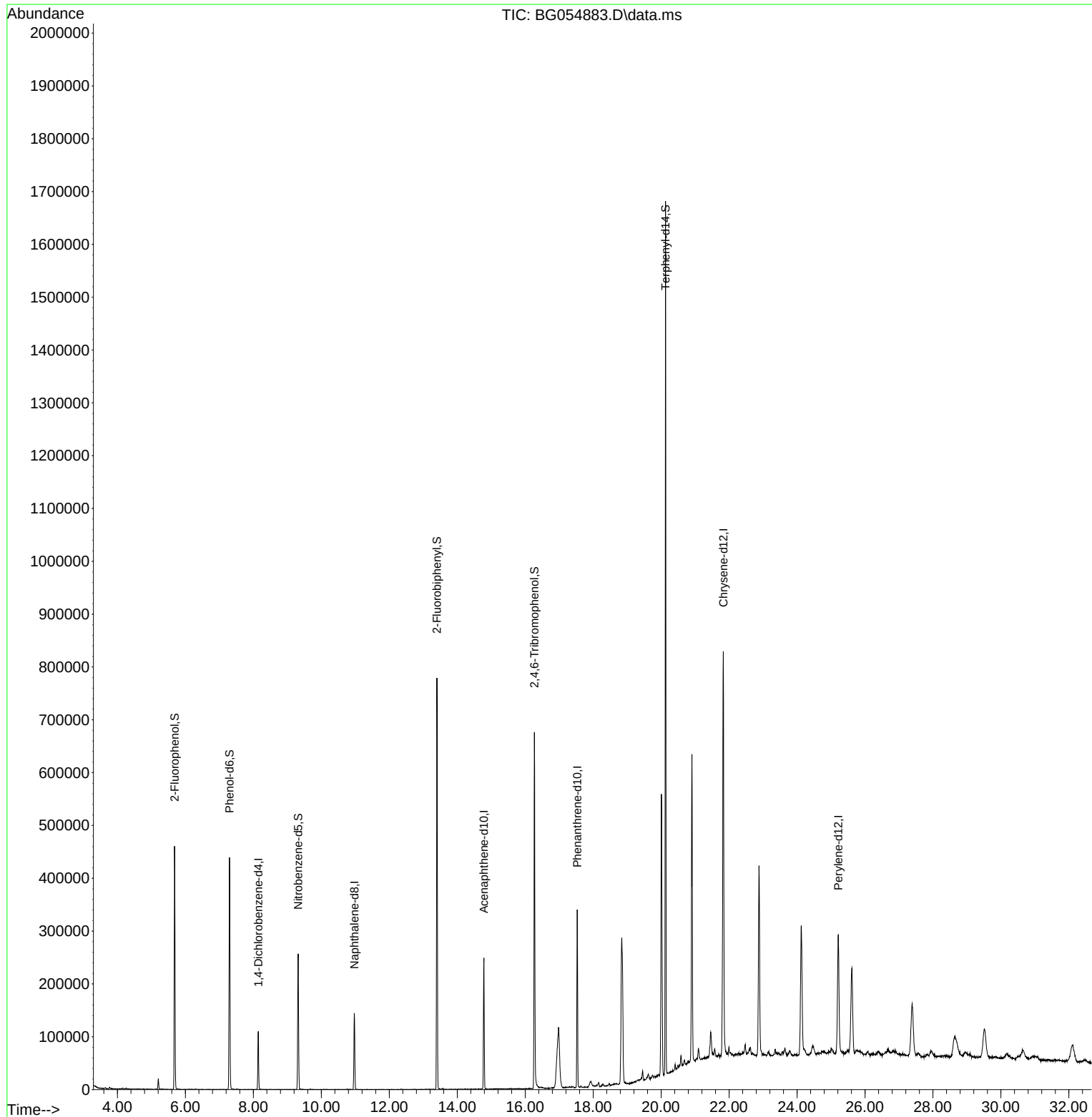
Target Compounds Qvalue

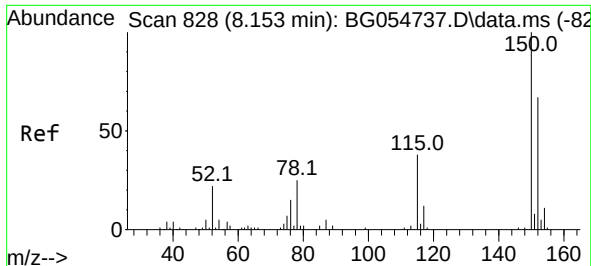
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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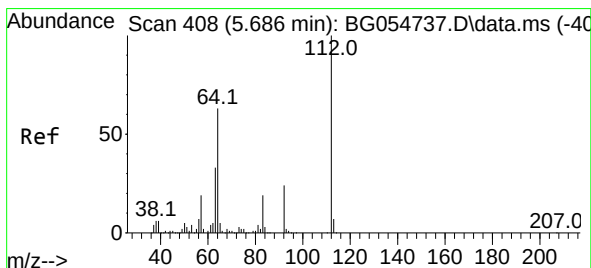
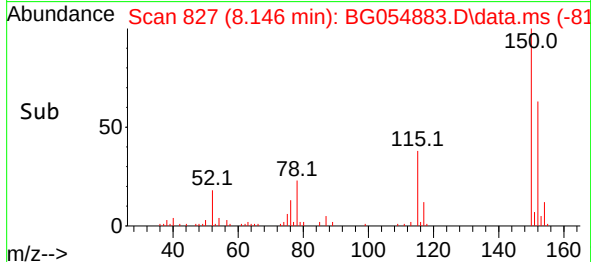
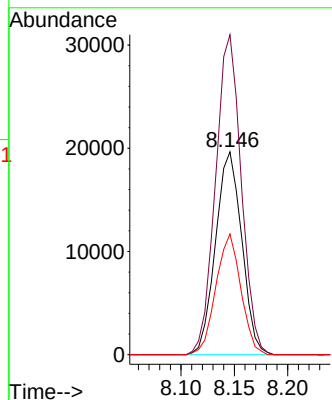
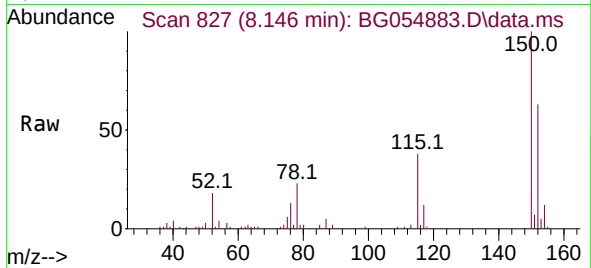




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG054883.D
Acq: 8 Sep 2022 14:21

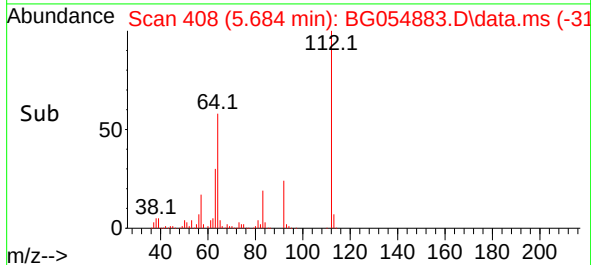
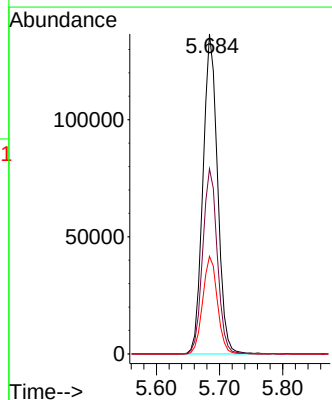
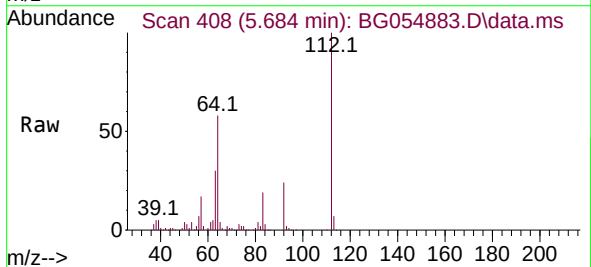
Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

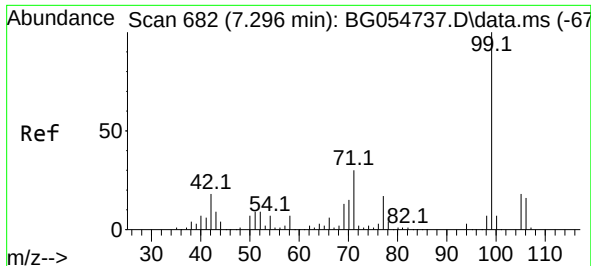
Tgt Ion:152 Resp: 33626
Ion Ratio Lower Upper
152 100
150 157.8 125.2 187.8
115 59.5 47.9 71.9



#5
2-Fluorophenol
Concen: 113.237 ng
RT: 5.684 min Scan# 408
Delta R.T. -0.001 min
Lab File: BG054883.D
Acq: 8 Sep 2022 14:21

Tgt Ion:112 Resp: 218662
Ion Ratio Lower Upper
112 100
64 57.8 49.3 73.9
63 30.5 26.3 39.5

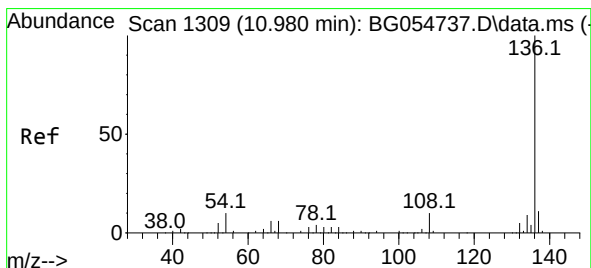
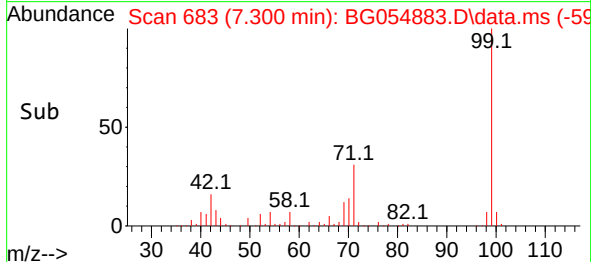
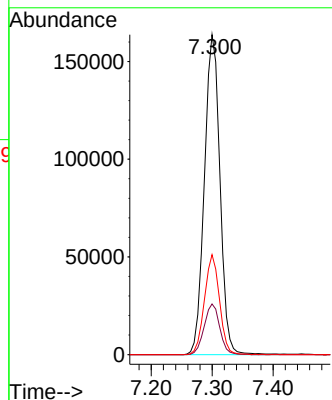
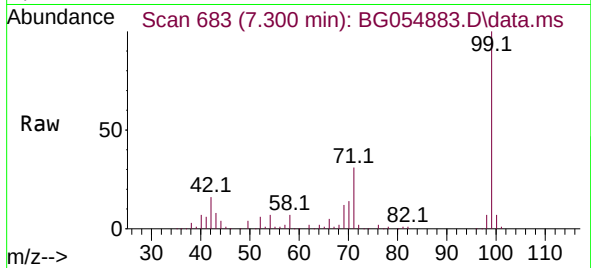




#7
Phenol-d6
Concen: 109.973 ng
RT: 7.300 min Scan# 68
Delta R.T. -0.007 min
Lab File: BG054883.D
Acq: 8 Sep 2022 14:21

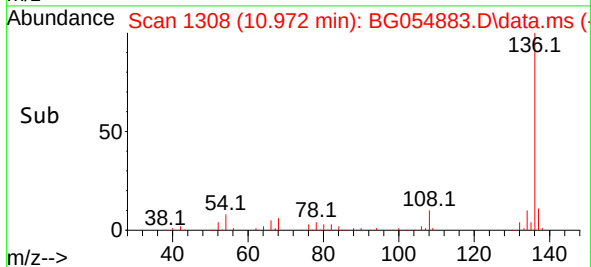
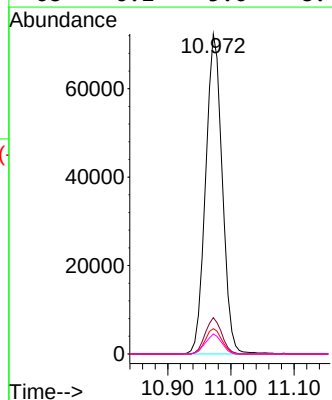
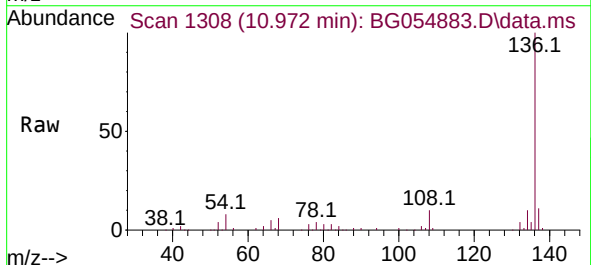
Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

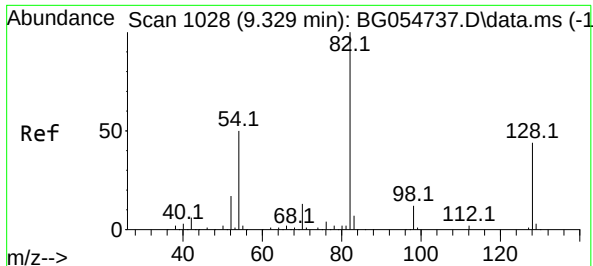
Tgt Ion: 99 Resp: 290419
Ion Ratio Lower Upper
99 100
42 15.8 14.6 22.0
71 31.2 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.972 min Scan# 1308
Delta R.T. -0.007 min
Lab File: BG054883.D
Acq: 8 Sep 2022 14:21

Tgt Ion:136 Resp: 132303
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 7.9 7.7 11.5
68 6.2 5.6 8.4





#23

Nitrobenzene-d5

Concen: 66.449 ng

RT: 9.321 min Scan# 1028

Delta R.T. -0.007 min

Lab File: BG054883.D

Acq: 8 Sep 2022 14:21

Instrument :

BNA_G

ClientSampleId :

SB-08-COMP

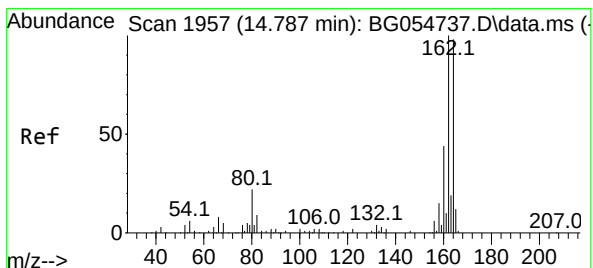
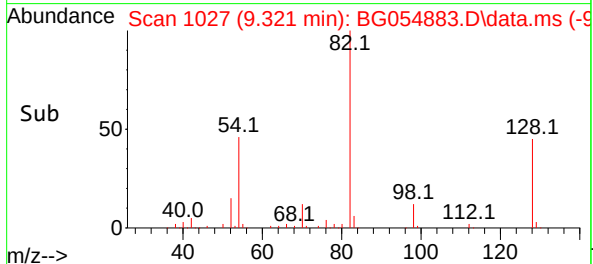
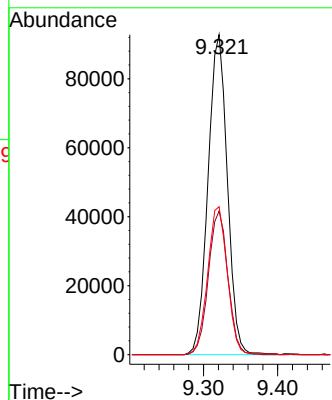
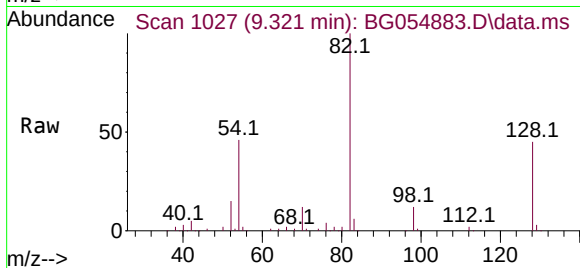
Tgt Ion: 82 Resp: 167466

Ion Ratio Lower Upper

82 100

128 44.8 32.2 48.2

54 46.2 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.785 min Scan# 1957

Delta R.T. -0.007 min

Lab File: BG054883.D

Acq: 8 Sep 2022 14:21

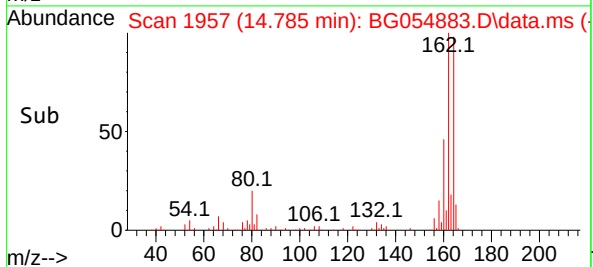
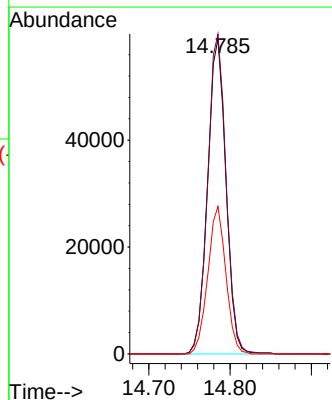
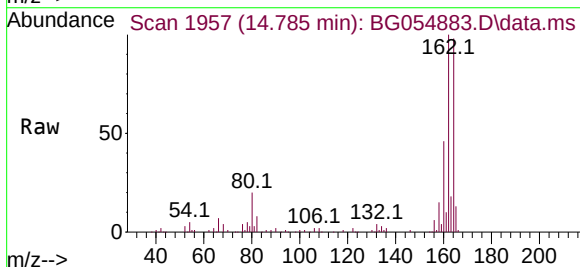
Tgt Ion:164 Resp: 92663

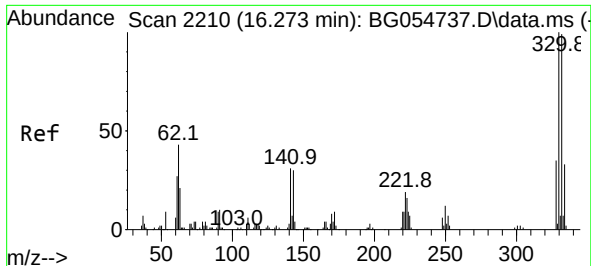
Ion Ratio Lower Upper

164 100

162 101.6 83.0 124.4

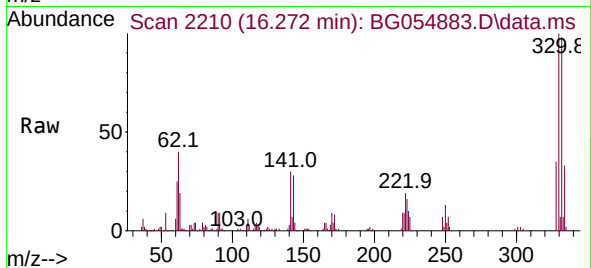
160 46.8 38.0 57.0



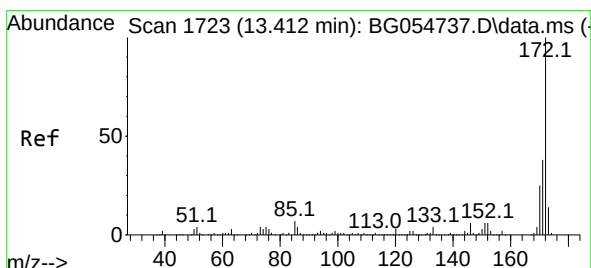
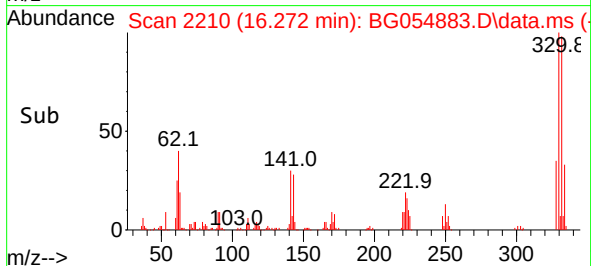
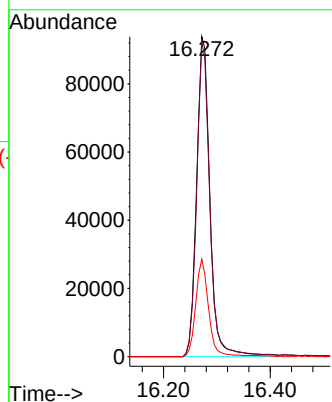


#42
2,4,6-Tribromophenol
Concen: 140.944 ng
RT: 16.272 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054883.D
Acq: 8 Sep 2022 14:21

Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

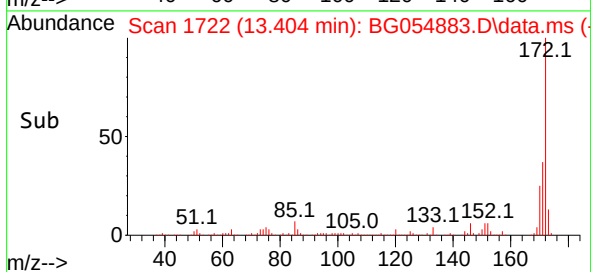
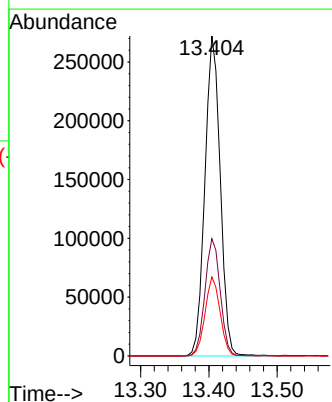
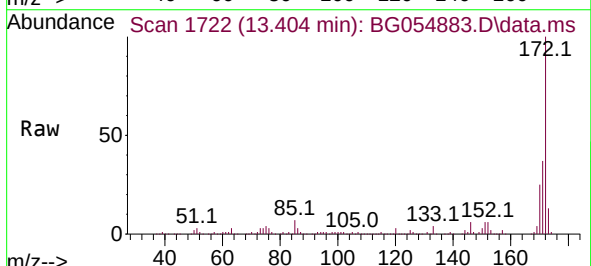


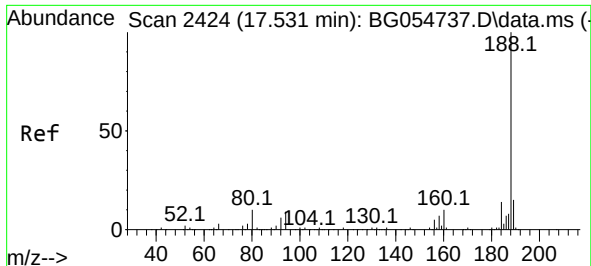
Tgt Ion:330 Resp: 163197
Ion Ratio Lower Upper
330 100
332 96.1 79.8 119.6
141 29.2 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 68.913 ng
RT: 13.404 min Scan# 1722
Delta R.T. -0.007 min
Lab File: BG054883.D
Acq: 8 Sep 2022 14:21

Tgt Ion:172 Resp: 424856
Ion Ratio Lower Upper
172 100
171 36.6 31.2 46.8
170 24.7 20.6 30.8

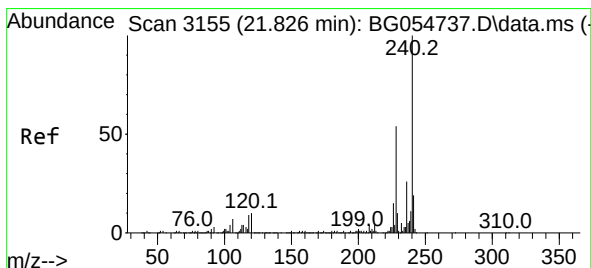
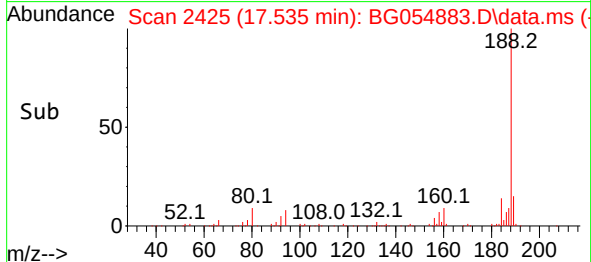
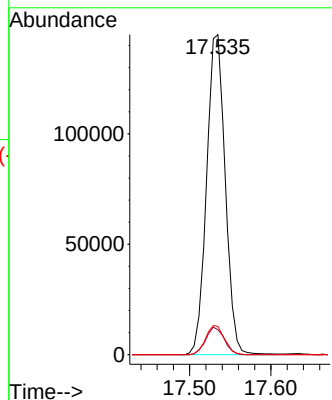
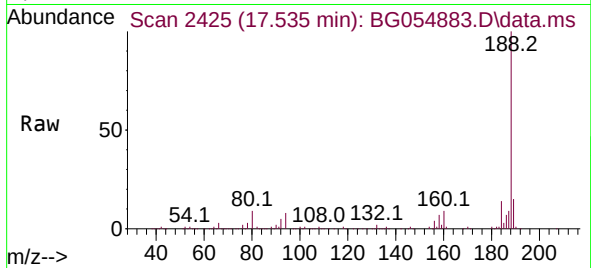




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.535 min Scan# 2424
Delta R.T. -0.001 min
Lab File: BG054883.D
Acq: 8 Sep 2022 14:21

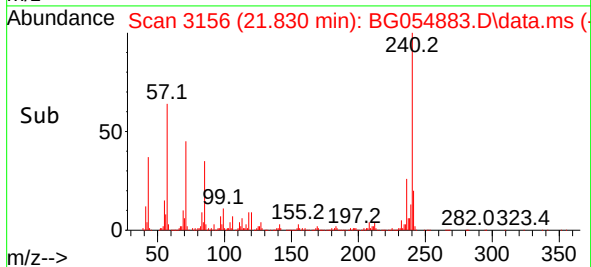
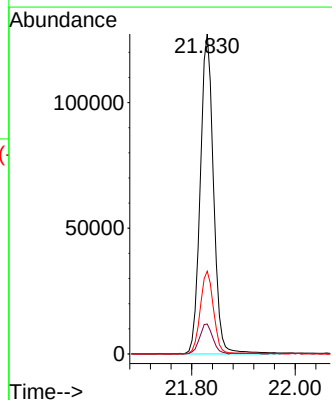
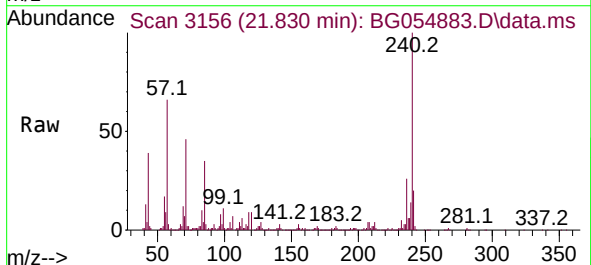
Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

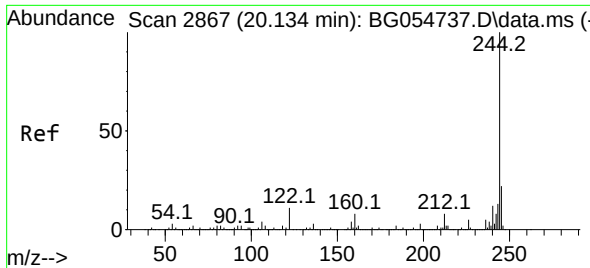
Tgt Ion:188 Resp: 231151
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.4
80 8.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.830 min Scan# 3156
Delta R.T. -0.007 min
Lab File: BG054883.D
Acq: 8 Sep 2022 14:21

Tgt Ion:240 Resp: 226365
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.4
236 25.8 21.2 31.8





#79

Terphenyl-d14

Concen: 71.437 ng

RT: 20.132 min Scan# 2867

Delta R.T. -0.001 min

Lab File: BG054883.D

Acq: 8 Sep 2022 14:21

Instrument :

BNA_G

ClientSampleId :

SB-08-COMP

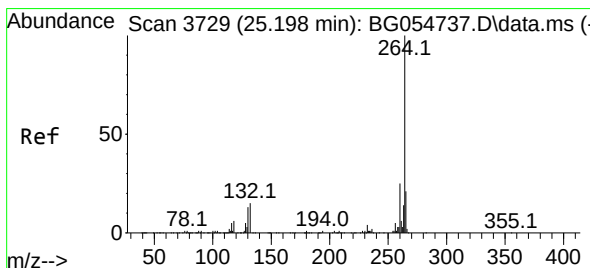
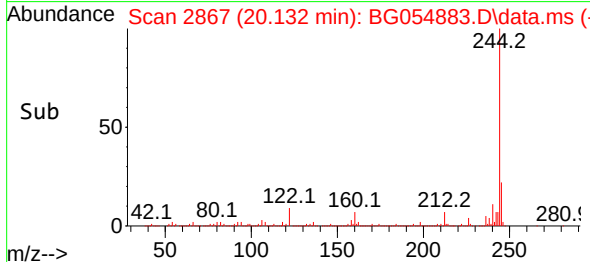
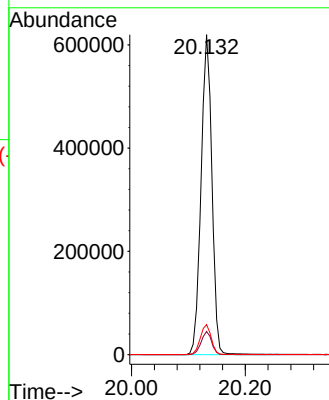
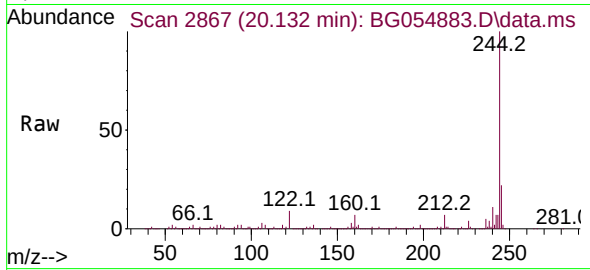
Tgt Ion:244 Resp: 816140

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

122 9.4 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.214 min Scan# 3732

Delta R.T. -0.007 min

Lab File: BG054883.D

Acq: 8 Sep 2022 14:21

Tgt Ion:264 Resp: 244907

Ion Ratio Lower Upper

264 100

260 24.3 19.9 29.9

265 22.6 16.9 25.3

