

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
 Data File : BG054801.D
 Acq On : 31 Aug 2022 10:57
 Operator : CG/JU
 Sample : PB147287BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147287BL

Quant Time: Sep 01 04:58:17 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	40702	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	164044	20.000	ng	0.00
39) Acenaphthene-d10	14.782	164	110180	20.000	ng	0.00
64) Phenanthrene-d10	17.526	188	258227	20.000	ng	0.00
76) Chrysene-d12	21.821	240	270318	20.000	ng	0.00
86) Perylene-d12	25.193	264	277150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	346397	148.200	ng	0.00
7) Phenol-d6	7.297	99	450553	140.950	ng	0.00
23) Nitrobenzene-d5	9.324	82	272105	87.078	ng	0.00
42) 2,4,6-Tribromophenol	16.268	330	200233	145.437	ng	0.00
45) 2-Fluorobiphenyl	13.407	172	664181	90.604	ng	0.00
79) Terphenyl-d14	20.129	244	1243957	91.180	ng	0.00

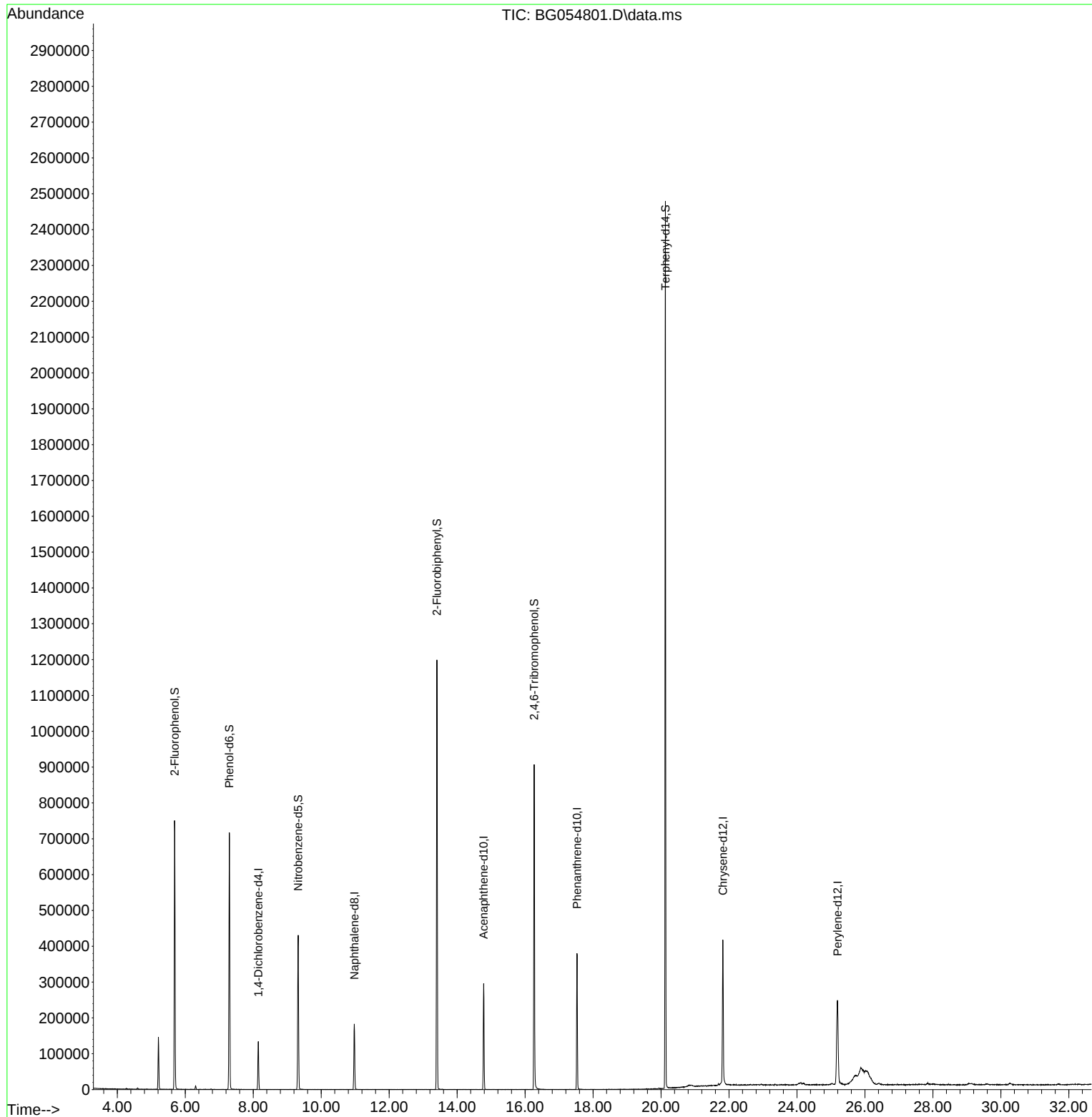
Target Compounds	Qvalue

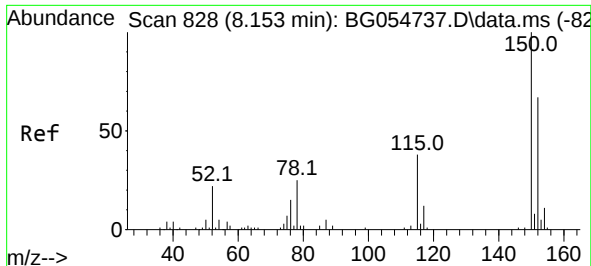
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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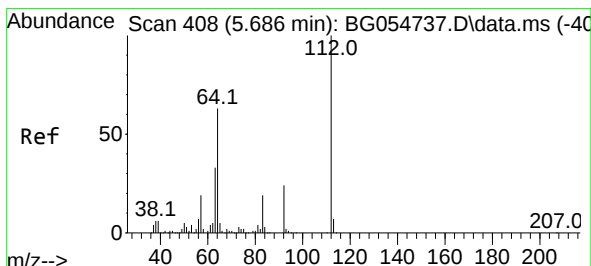
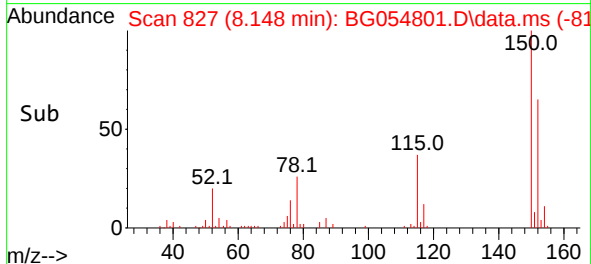
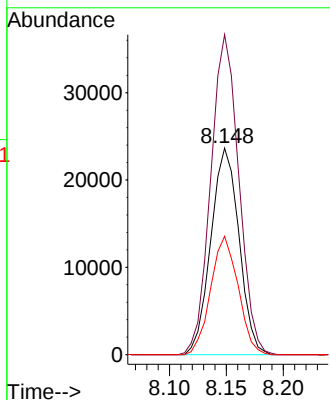
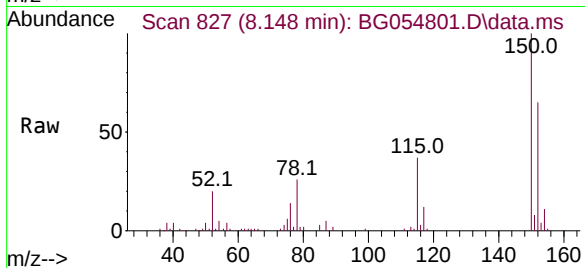




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.148 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054801.D
Acq: 31 Aug 2022 10:57

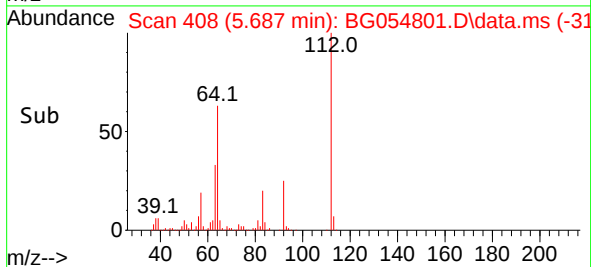
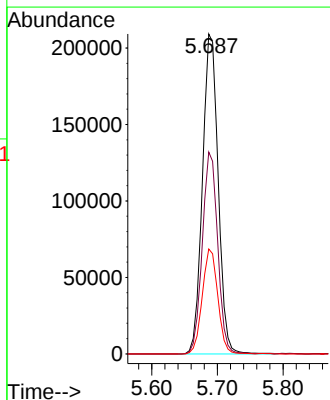
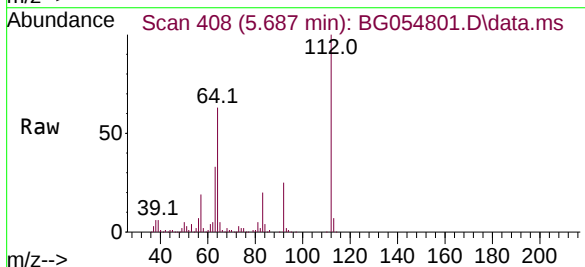
Instrument :
BNA_G
ClientSampleId :
PB147287BL

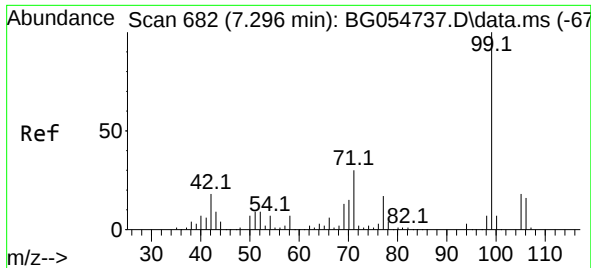
Tgt Ion:152 Resp: 40702
Ion Ratio Lower Upper
152 100
150 155.0 125.2 187.8
115 57.3 47.9 71.9



#5
2-Fluorophenol
Concen: 148.200 ng
RT: 5.687 min Scan# 408
Delta R.T. 0.001 min
Lab File: BG054801.D
Acq: 31 Aug 2022 10:57

Tgt Ion:112 Resp: 346397
Ion Ratio Lower Upper
112 100
64 63.1 49.3 73.9
63 32.8 26.3 39.5

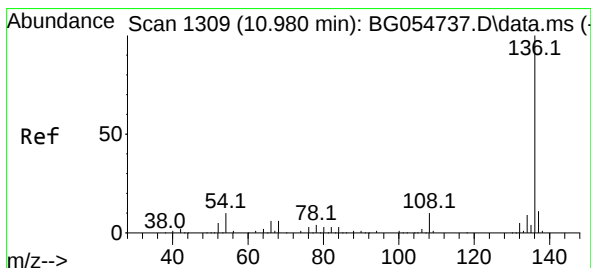
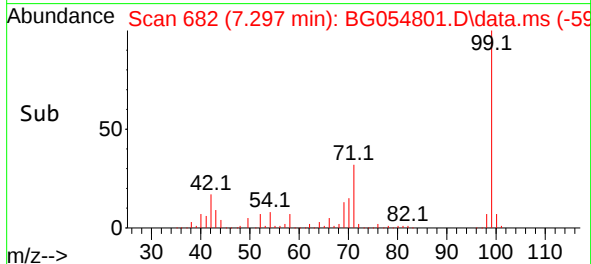
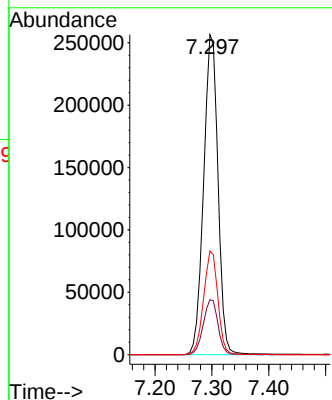
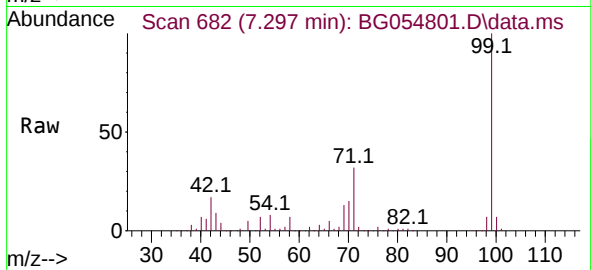




#7
Phenol-d6
Concen: 140.950 ng
RT: 7.297 min Scan# 682
Delta R.T. 0.001 min
Lab File: BG054801.D
Acq: 31 Aug 2022 10:57

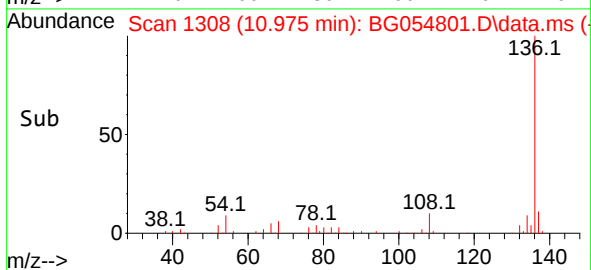
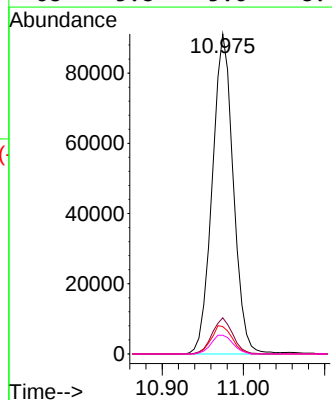
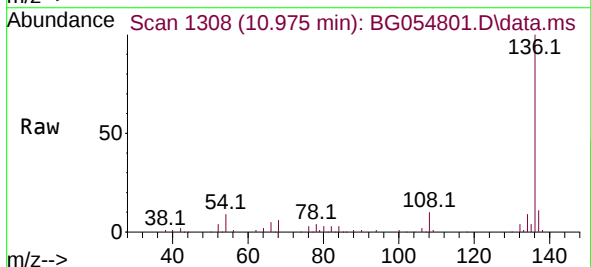
Instrument :
BNA_G
ClientSampleId :
PB147287BL

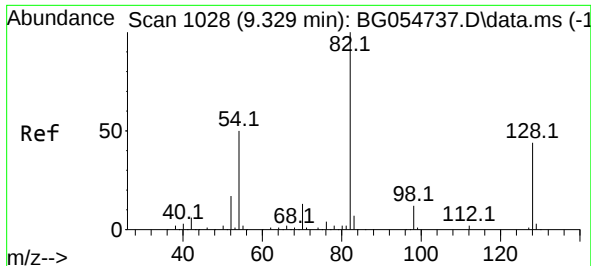
Tgt Ion: 99 Resp: 450553
Ion Ratio Lower Upper
99 100
42 17.2 14.6 22.0
71 32.3 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1308
Delta R.T. -0.005 min
Lab File: BG054801.D
Acq: 31 Aug 2022 10:57

Tgt Ion: 136 Resp: 164044
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 8.5 7.7 11.5
68 5.8 5.6 8.4





#23

Nitrobenzene-d5

Concen: 87.078 ng

RT: 9.324 min Scan# 10

Delta R.T. -0.005 min

Lab File: BG054801.D

Acq: 31 Aug 2022 10:57

Instrument :

BNA_G

ClientSampleId :

PB147287BL

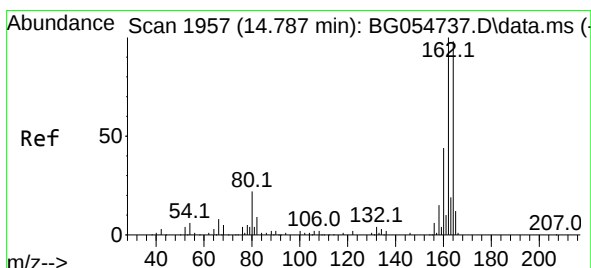
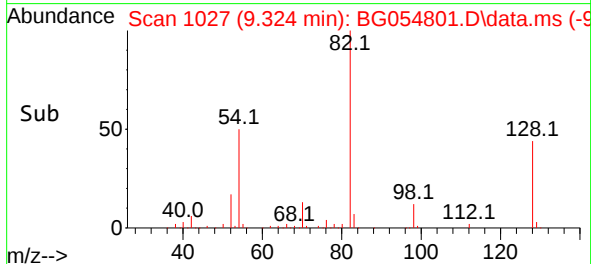
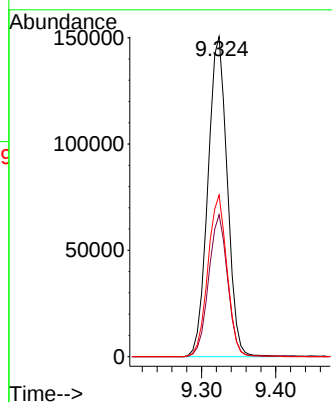
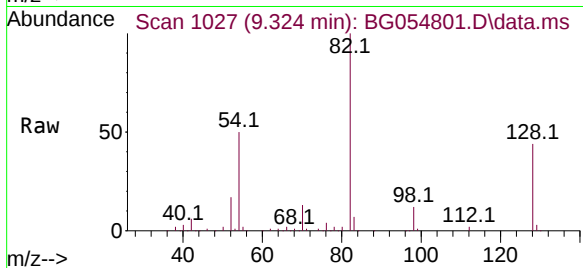
Tgt Ion: 82 Resp: 272105

Ion Ratio Lower Upper

82 100

128 44.3 32.2 48.2

54 50.5 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.782 min Scan# 1956

Delta R.T. -0.005 min

Lab File: BG054801.D

Acq: 31 Aug 2022 10:57

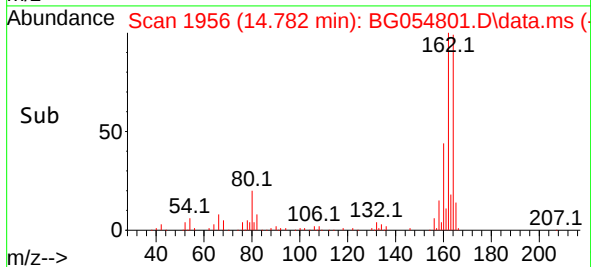
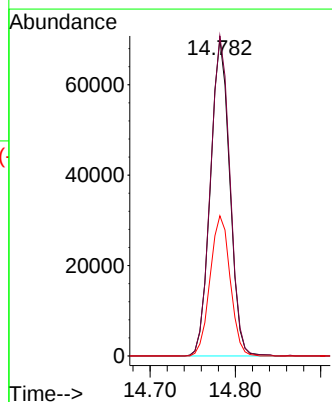
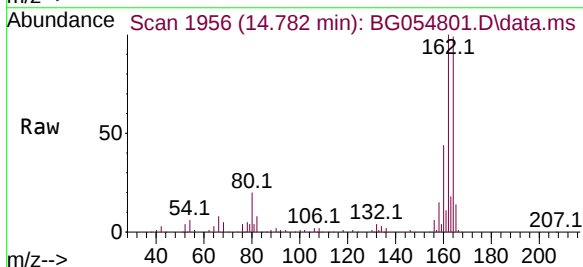
Tgt Ion:164 Resp: 110180

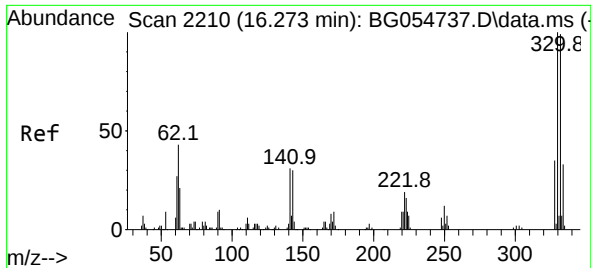
Ion Ratio Lower Upper

164 100

162 101.1 83.0 124.4

160 44.2 38.0 57.0

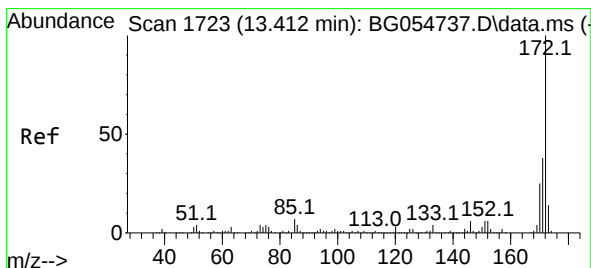
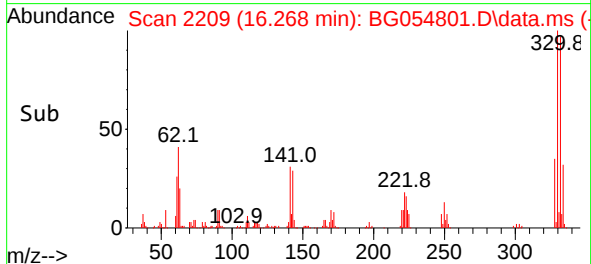
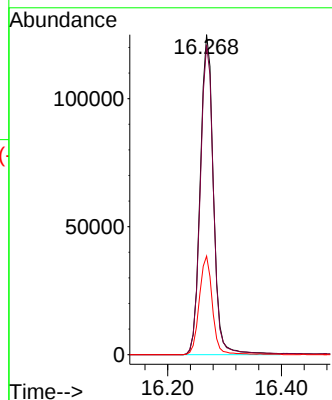
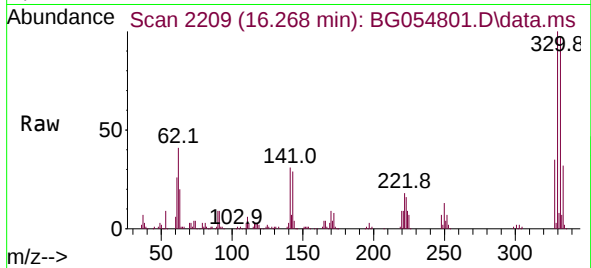




#42
 2,4,6-Tribromophenol
 Concen: 145.437 ng
 RT: 16.268 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG054801.D
 Acq: 31 Aug 2022 10:57

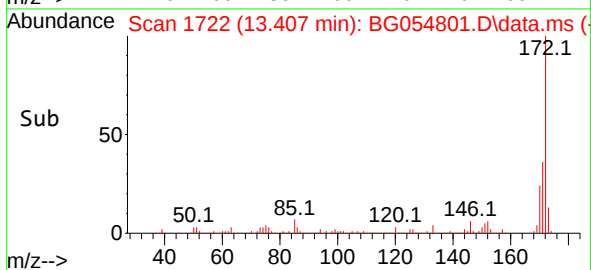
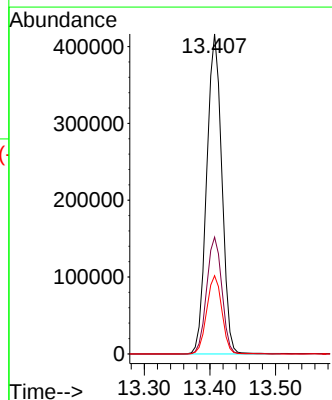
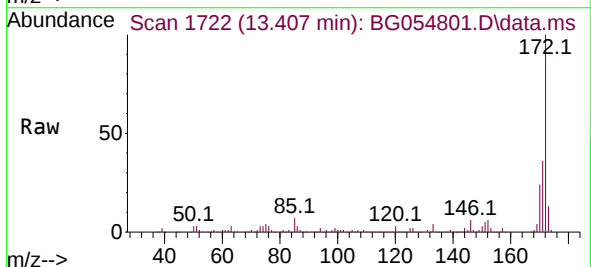
Instrument :
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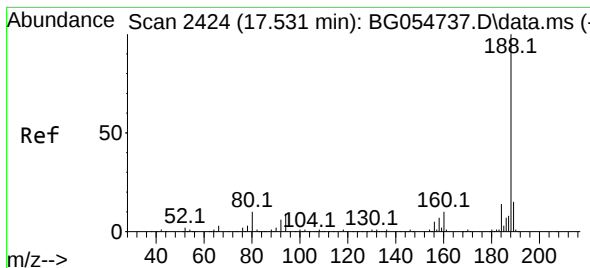
Tgt Ion:330 Resp: 200233
 Ion Ratio Lower Upper
 330 100
 332 97.3 79.8 119.6
 141 30.4 26.8 40.2



#45
 2-Fluorobiphenyl
 Concen: 90.604 ng
 RT: 13.407 min Scan# 1722
 Delta R.T. -0.005 min
 Lab File: BG054801.D
 Acq: 31 Aug 2022 10:57

Tgt Ion:172 Resp: 664181
 Ion Ratio Lower Upper
 172 100
 171 36.5 31.2 46.8
 170 24.4 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.526 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG054801.D

Acq: 31 Aug 2022 10:57

Instrument :

BNA_G

ClientSampleId :

PB147287BL

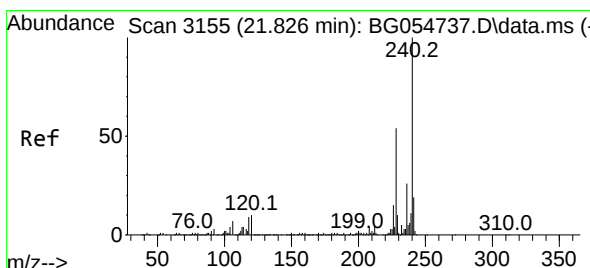
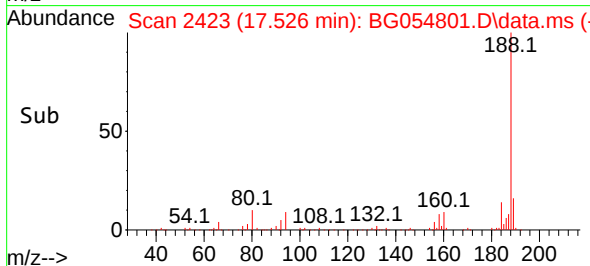
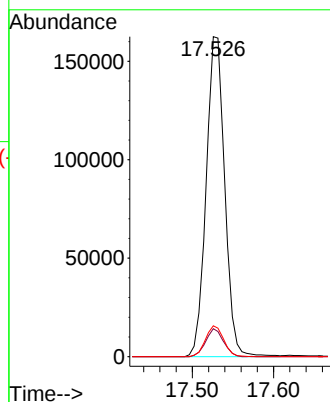
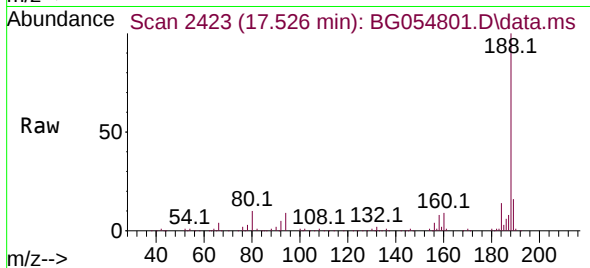
Tgt Ion:188 Resp: 258227

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

80 9.6 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.821 min Scan# 3154

Delta R.T. -0.005 min

Lab File: BG054801.D

Acq: 31 Aug 2022 10:57

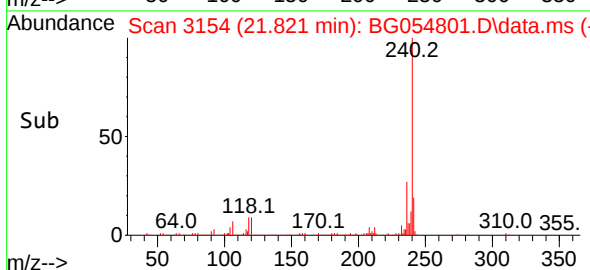
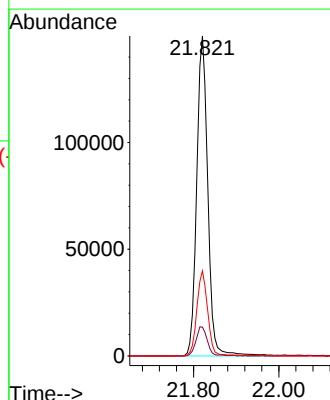
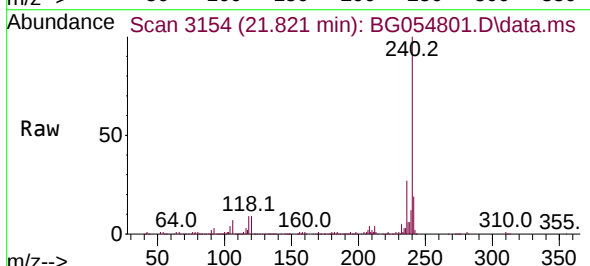
Tgt Ion:240 Resp: 270318

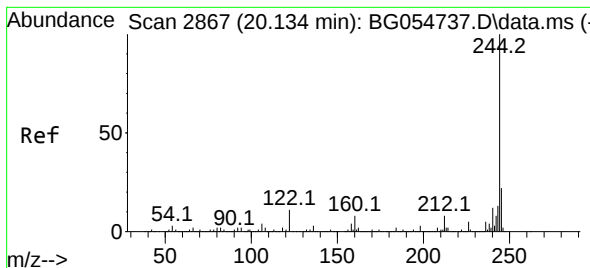
Ion Ratio Lower Upper

240 100

120 9.0 8.2 12.4

236 26.6 21.2 31.8





#79

Terphenyl-d14

Concen: 91.180 ng

RT: 20.129 min Scan# 2866

Delta R.T. -0.005 min

Lab File: BG054801.D

Acq: 31 Aug 2022 10:57

Instrument :

BNA_G

ClientSampleId :

PB147287BL

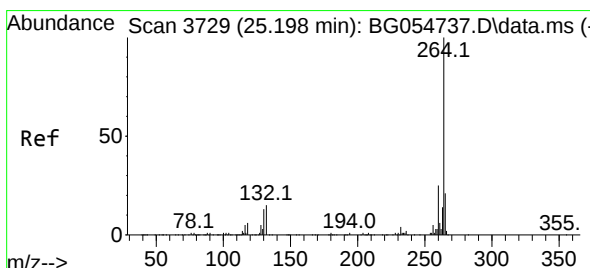
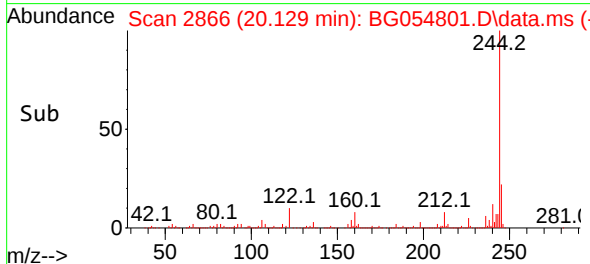
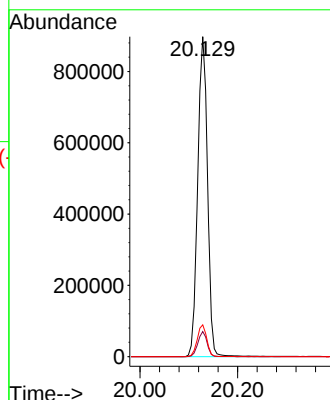
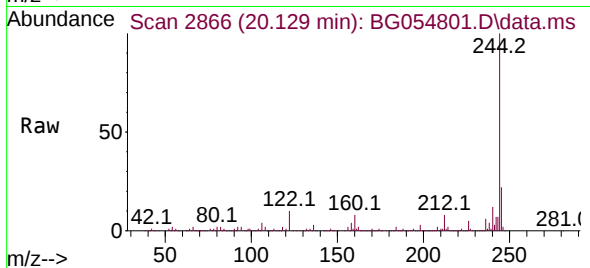
Tgt Ion:244 Resp: 1243957

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 9.9 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.193 min Scan# 3728

Delta R.T. -0.005 min

Lab File: BG054801.D

Acq: 31 Aug 2022 10:57

Tgt Ion:264 Resp: 277150

Ion Ratio Lower Upper

264 100

260 24.3 19.9 29.9

265 22.0 16.9 25.3

