

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
 Data File : BG054851.D
 Acq On : 6 Sep 2022 14:19
 Operator : CG/JU
 Sample : PB147433BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147433BL

Quant Time: Sep 07 04:54:11 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	8.143	152	44576	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	183079	20.000	ng	0.00
39) Acenaphthene-d10	14.782	164	125316	20.000	ng	0.00
64) Phenanthrene-d10	17.526	188	296810	20.000	ng	0.00
76) Chrysene-d12	21.821	240	292820	20.000	ng	0.00
86) Perylene-d12	25.194	264	306236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	381456	149.016	ng	0.00
7) Phenol-d6	7.303	99	501901	143.368	ng	0.00
23) Nitrobenzene-d5	9.324	82	303206	86.942	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	223210	142.544	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	758106	90.926	ng	0.00
79) Terphenyl-d14	20.129	244	1360982	92.092	ng	0.00

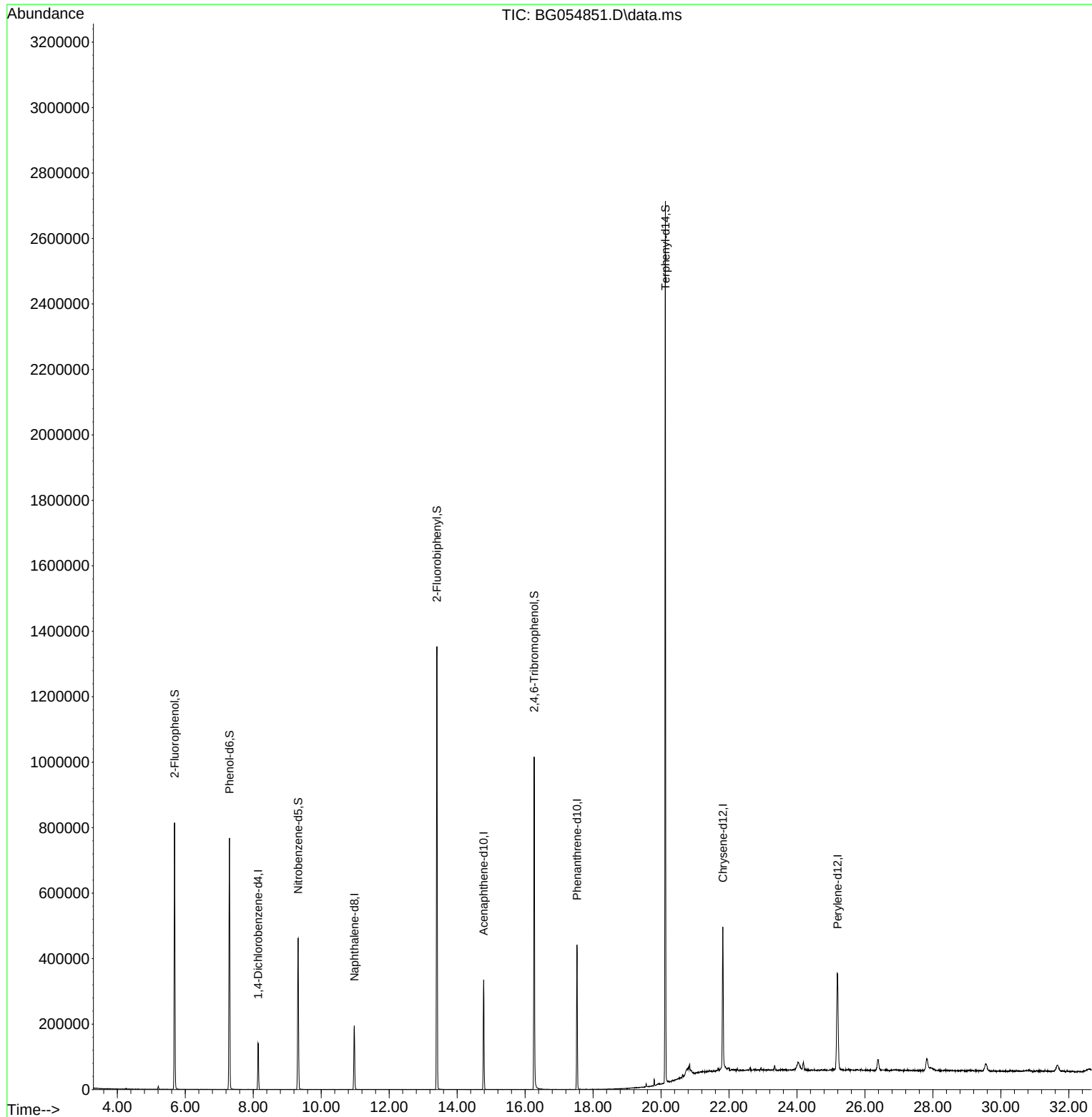
Target Compounds Qvalue

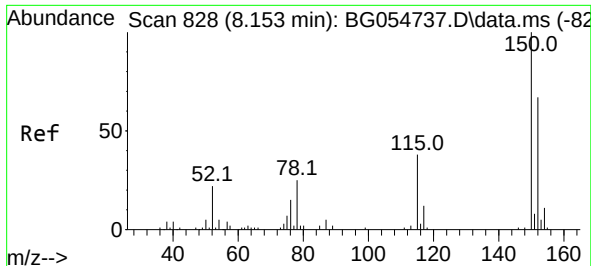
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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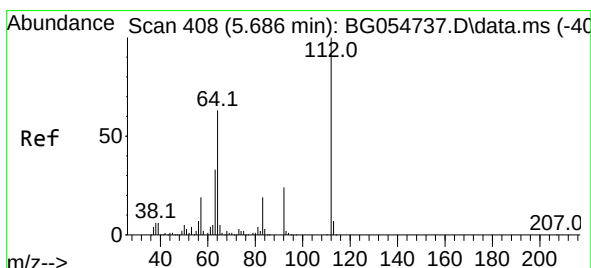
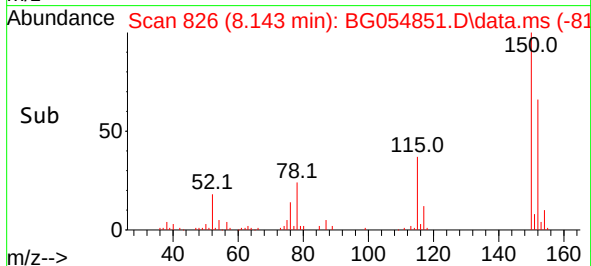
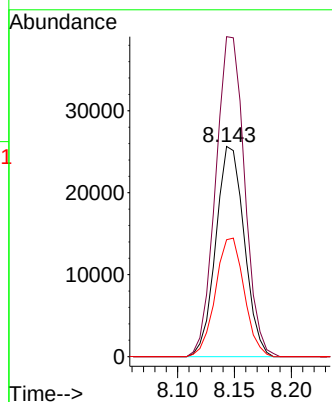
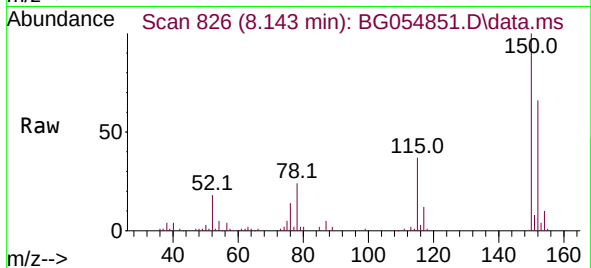




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.143 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG054851.D
Acq: 6 Sep 2022 14:19

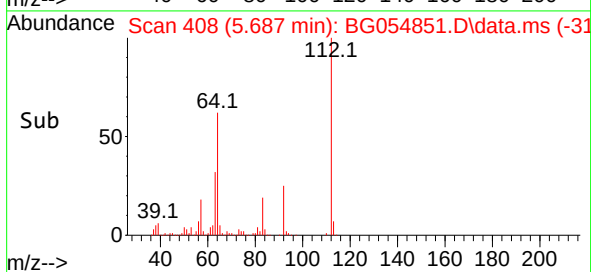
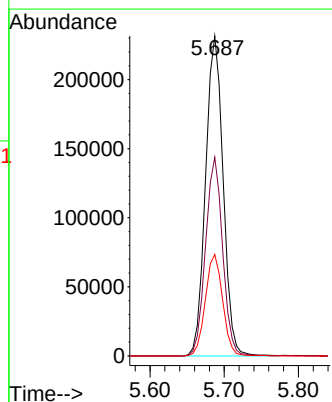
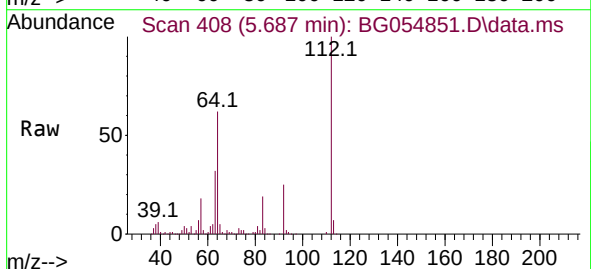
Instrument :
BNA_G
ClientSampleId :
PB147433BL

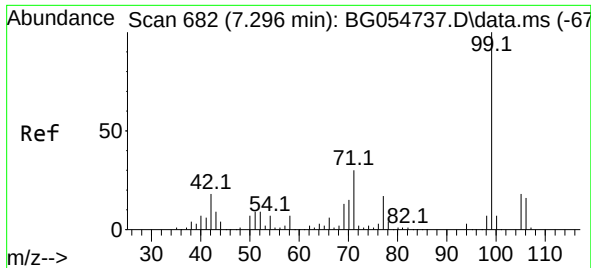
Tgt Ion:152 Resp: 44576
Ion Ratio Lower Upper
152 100
150 152.3 125.2 187.8
115 55.7 47.9 71.9



#5
2-Fluorophenol
Concen: 149.016 ng
RT: 5.687 min Scan# 408
Delta R.T. 0.001 min
Lab File: BG054851.D
Acq: 6 Sep 2022 14:19

Tgt Ion:112 Resp: 381456
Ion Ratio Lower Upper
112 100
64 62.1 49.3 73.9
63 31.7 26.3 39.5

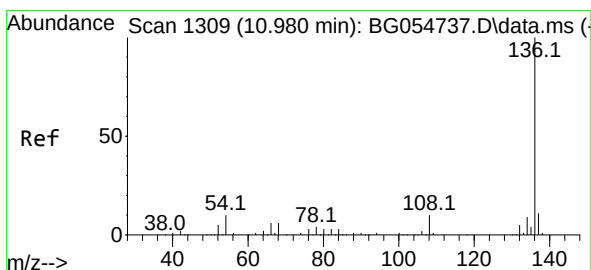
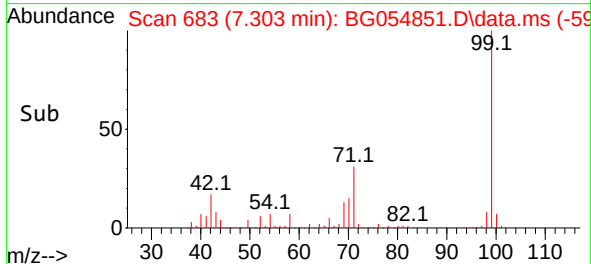
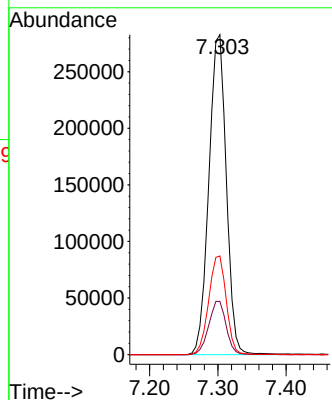
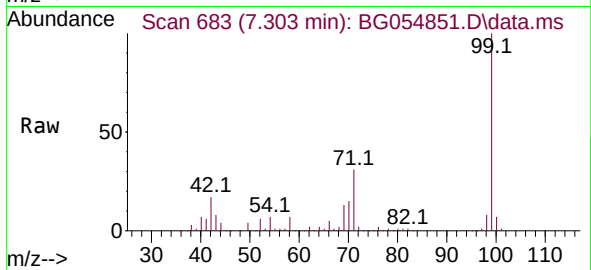




#7
Phenol-d6
Concen: 143.368 ng
RT: 7.303 min Scan# 68
Delta R.T. 0.007 min
Lab File: BG054851.D
Acq: 6 Sep 2022 14:19

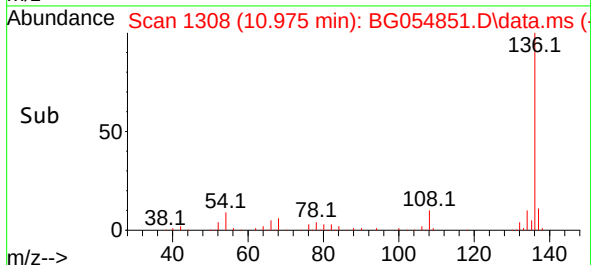
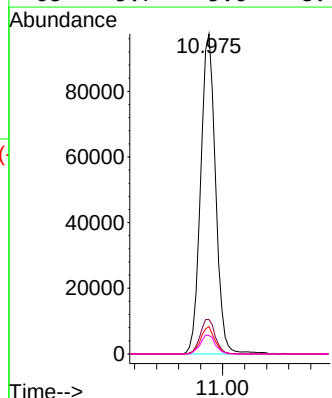
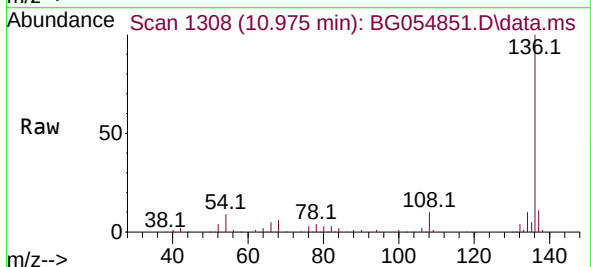
Instrument :
BNA_G
ClientSampleId :
PB147433BL

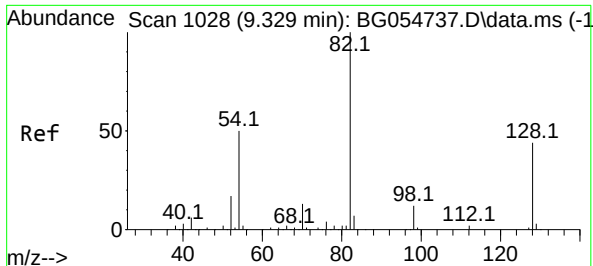
Tgt Ion: 99 Resp: 501901
Ion Ratio Lower Upper
99 100
42 16.6 14.6 22.0
71 30.8 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1308
Delta R.T. -0.005 min
Lab File: BG054851.D
Acq: 6 Sep 2022 14:19

Tgt Ion:136 Resp: 183079
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 8.5 7.7 11.5
68 5.7 5.6 8.4





#23

Nitrobenzene-d5

Concen: 86.942 ng

RT: 9.324 min Scan# 1027

Delta R.T. -0.005 min

Lab File: BG054851.D

Acq: 6 Sep 2022 14:19

Instrument :

BNA_G

ClientSampleId :

PB147433BL

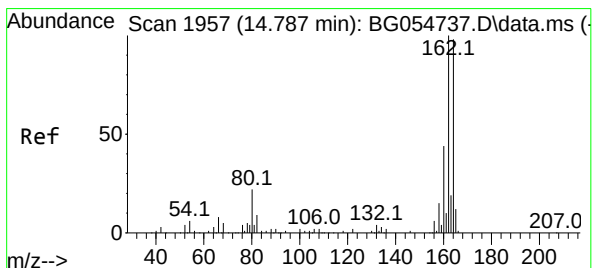
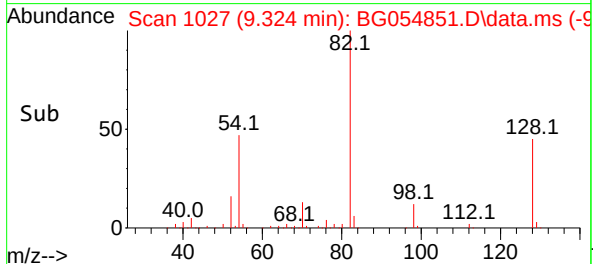
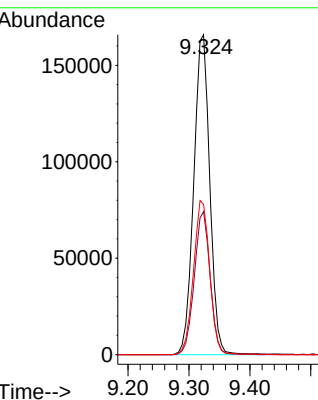
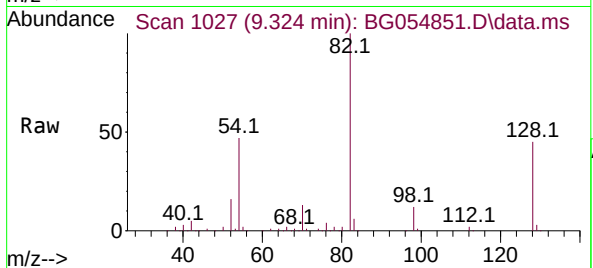
Tgt Ion: 82 Resp: 303206

Ion Ratio Lower Upper

82 100

128 44.7 32.2 48.2

54 47.0 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: BG054851.D

Acq: 6 Sep 2022 14:19

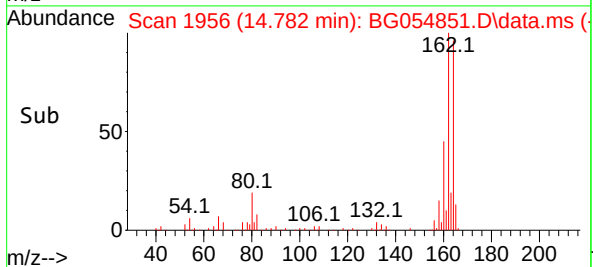
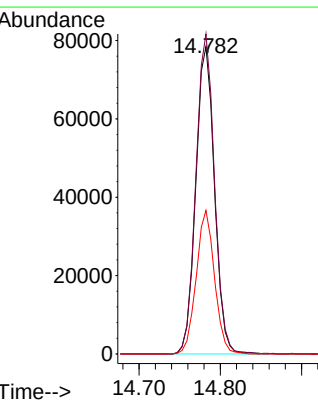
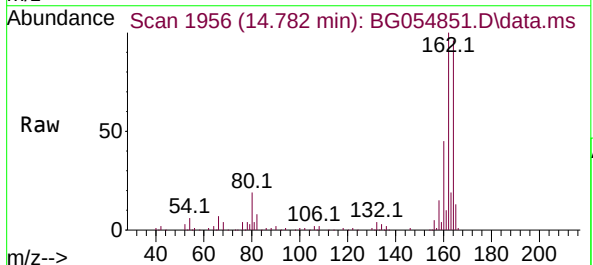
Tgt Ion:164 Resp: 125316

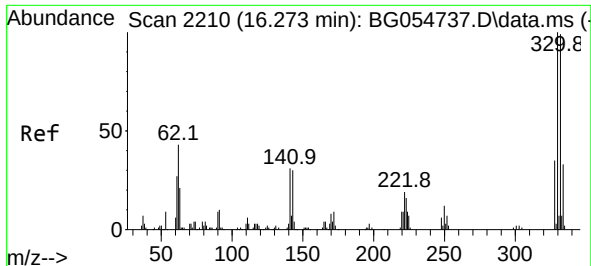
Ion Ratio Lower Upper

164 100

162 104.1 83.0 124.4

160 46.7 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 142.544 ng

RT: 16.269 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG054851.D

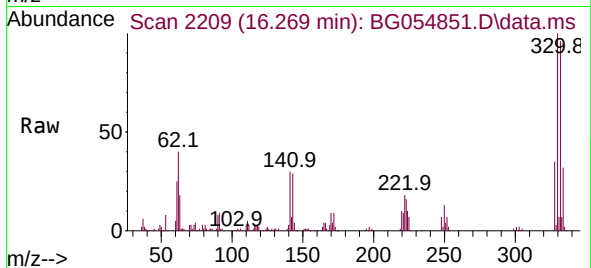
Acq: 6 Sep 2022 14:19

Instrument :

BNA_G

ClientSampleId :

PB147433BL



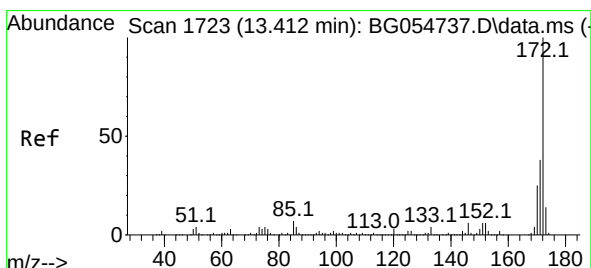
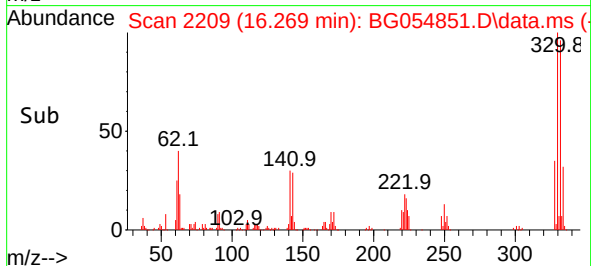
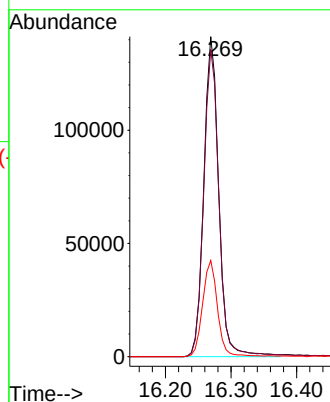
Tgt Ion:330 Resp: 223210

Ion Ratio Lower Upper

330 100

332 98.4 79.8 119.6

141 29.7 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 90.926 ng

RT: 13.408 min Scan# 1722

Delta R.T. -0.005 min

Lab File: BG054851.D

Acq: 6 Sep 2022 14:19

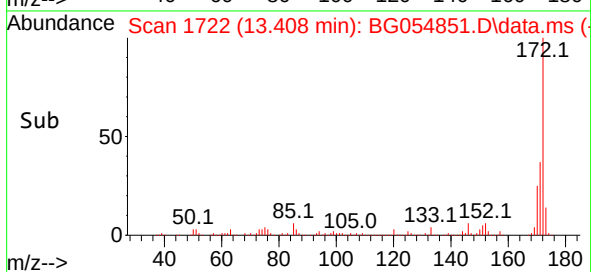
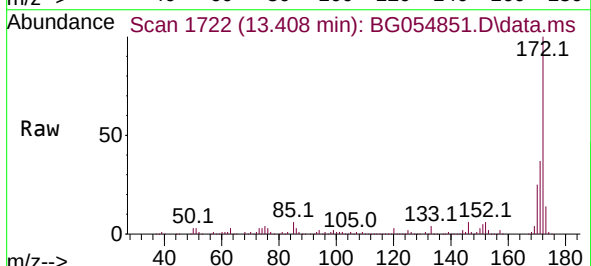
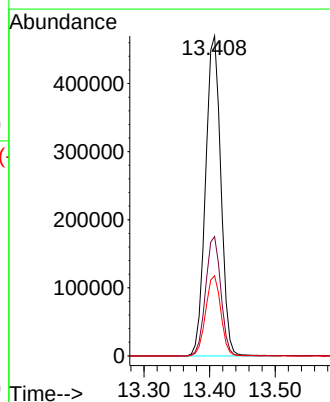
Tgt Ion:172 Resp: 758106

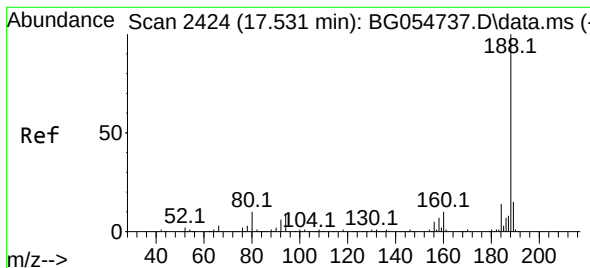
Ion Ratio Lower Upper

172 100

171 37.3 31.2 46.8

170 25.0 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: BG054851.D

Acq: 6 Sep 2022 14:19

Instrument :

BNA_G

ClientSampleId :

PB147433BL

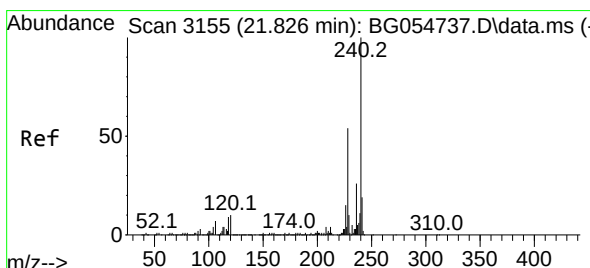
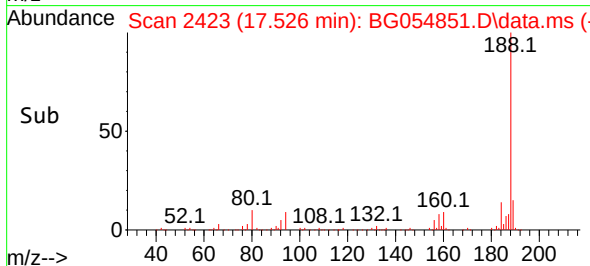
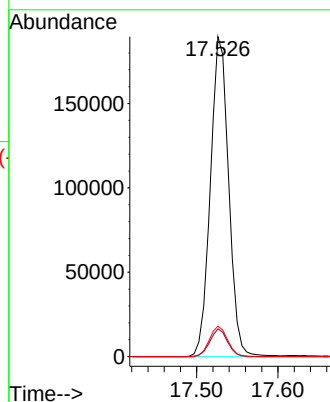
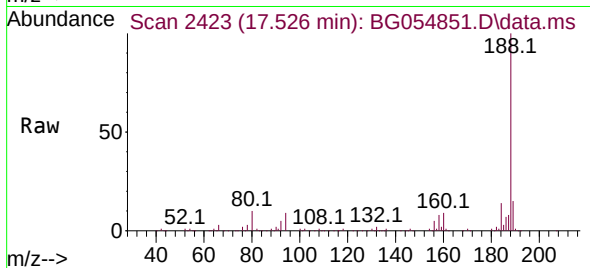
Tgt Ion:188 Resp: 296810

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

80 9.5 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: BG054851.D

Acq: 6 Sep 2022 14:19

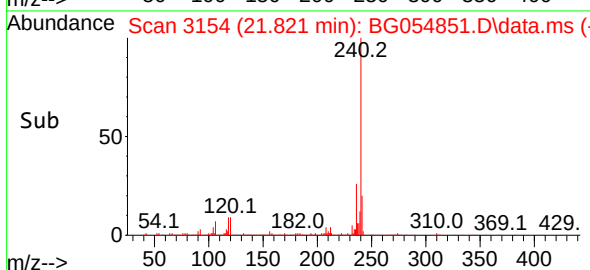
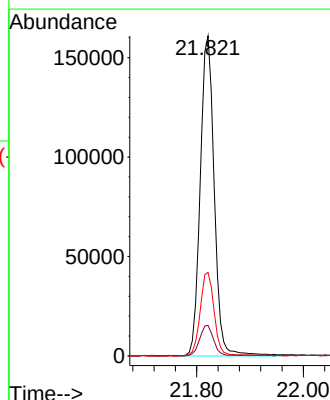
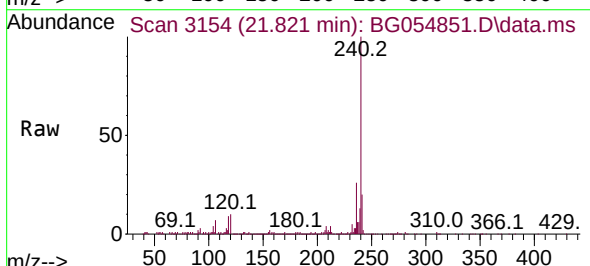
Tgt Ion:240 Resp: 292820

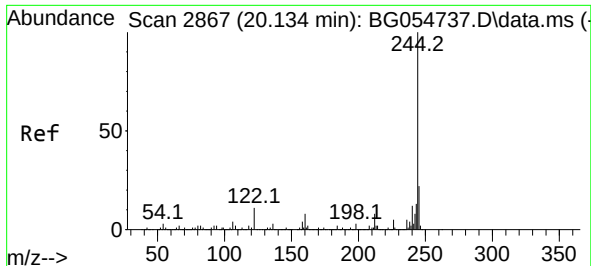
Ion Ratio Lower Upper

240 100

120 9.5 8.2 12.4

236 26.1 21.2 31.8

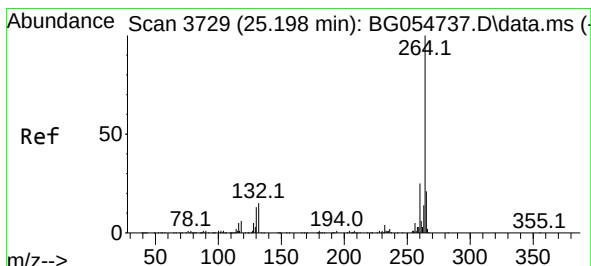
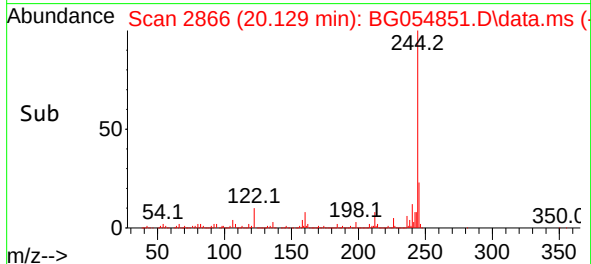
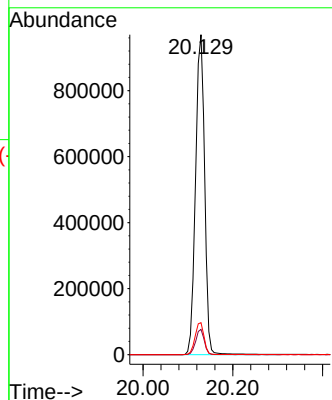
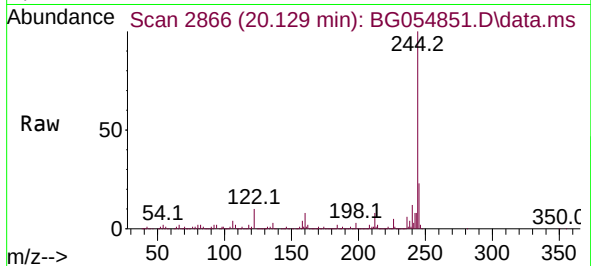




#79
 Terphenyl-d14
 Concen: 92.092 ng
 RT: 20.129 min Scan# 2866
 Delta R.T. -0.005 min
 Lab File: BG054851.D
 Acq: 6 Sep 2022 14:19

Instrument :
 BNA_G
 ClientSampleId :
 PB147433BL

Tgt Ion:244 Resp: 1360982
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 10.0 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.194 min Scan# 3728
 Delta R.T. -0.005 min
 Lab File: BG054851.D
 Acq: 6 Sep 2022 14:19

Tgt Ion:264 Resp: 306236
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.9 29.9
 265 21.1 16.9 25.3

