

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
 Data File : BG055269.D
 Acq On : 25 Oct 2022 9:41
 Operator : CG/JU
 Sample : PB148536BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148536BL

Quant Time: Oct 25 12:40:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	29934	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	126130	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	85753	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	217185	20.000	ng	0.00
76) Chrysene-d12	21.889	240	248098	20.000	ng	-0.01
86) Perylene-d12	25.285	264	258342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	253969	148.558	ng	0.00
7) Phenol-d6	7.412	99	341512	137.886	ng	0.00
23) Nitrobenzene-d5	9.445	82	202378	81.932	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	131417	140.974	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	438225	83.643	ng	0.00
79) Terphenyl-d14	20.191	244	1013739	84.895	ng	0.00

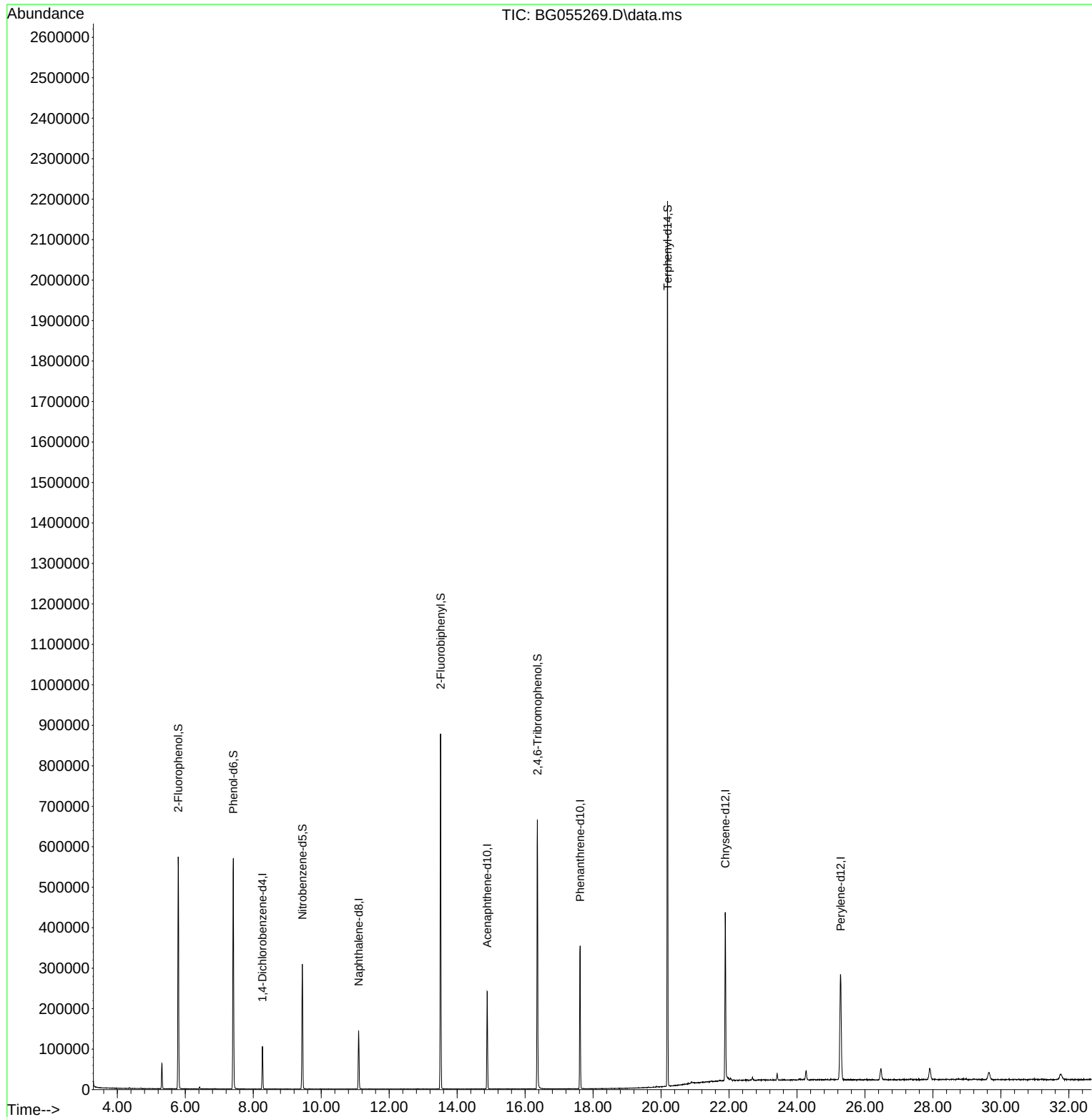
Target Compounds	Qvalue

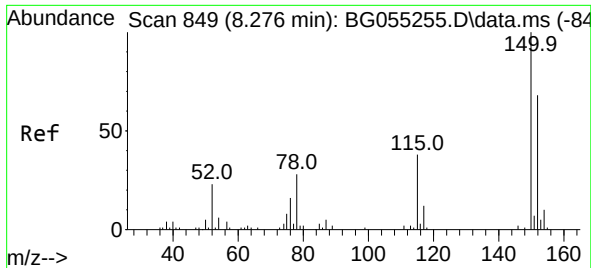
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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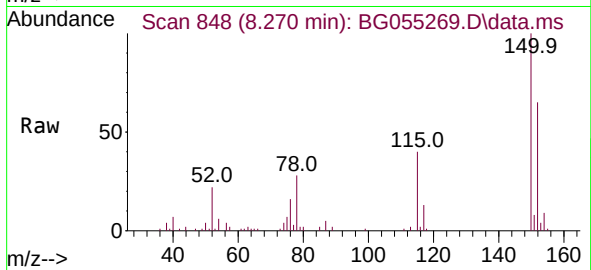
Quant Time: Oct 25 12:40:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
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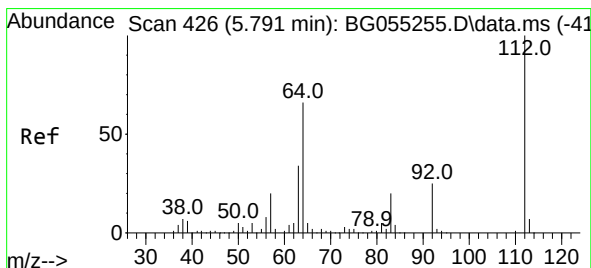
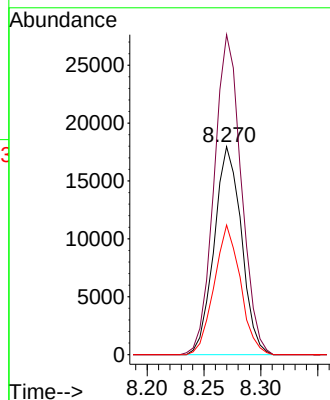
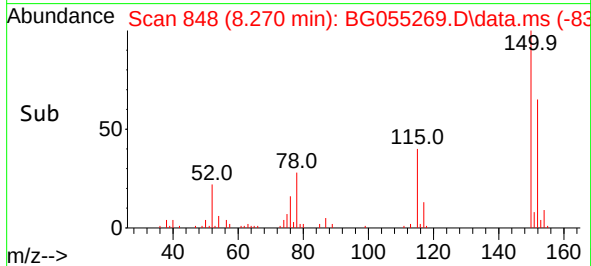


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055269.D
Acq: 25 Oct 2022 9:41

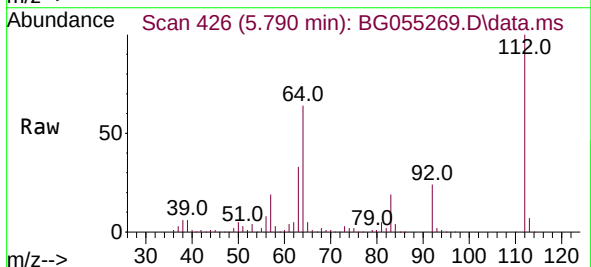
Instrument :
BNA_G
ClientSampleId :
PB148536BL



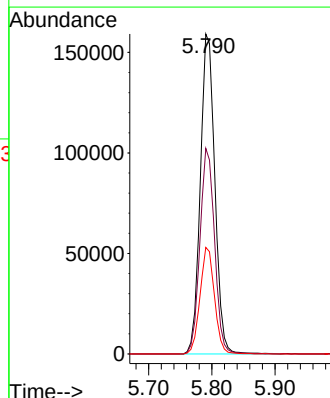
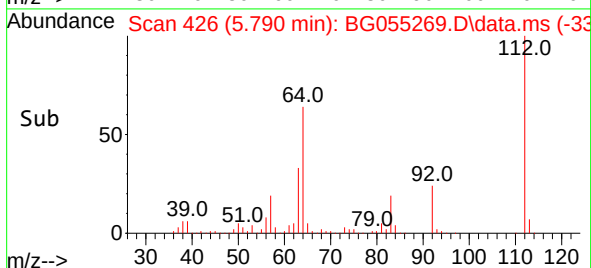
Tgt Ion:152 Resp: 29934
Ion Ratio Lower Upper
152 100
150 153.9 118.2 177.4
115 62.3 44.5 66.7

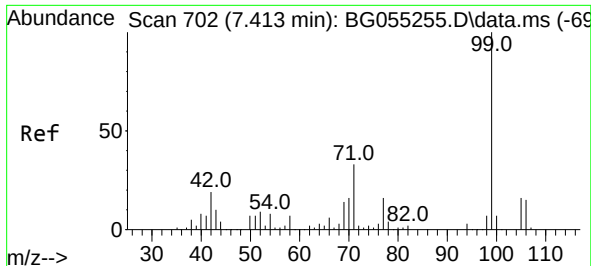


#5
2-Fluorophenol
Concen: 148.558 ng
RT: 5.790 min Scan# 426
Delta R.T. -0.001 min
Lab File: BG055269.D
Acq: 25 Oct 2022 9:41



Tgt Ion:112 Resp: 253969
Ion Ratio Lower Upper
112 100
64 64.2 52.6 78.8
63 33.3 27.1 40.7

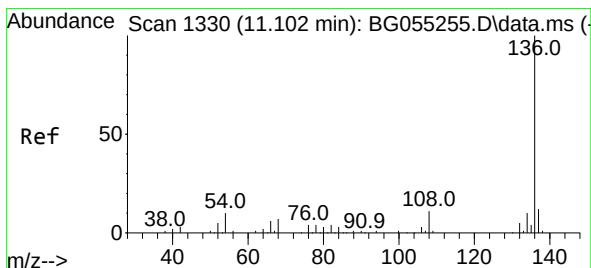
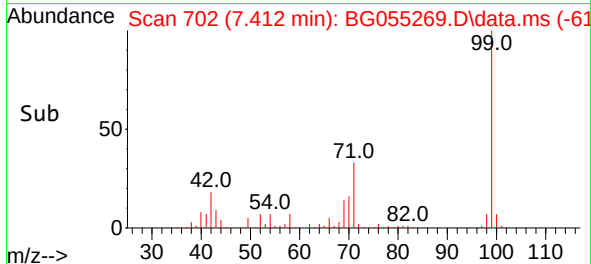
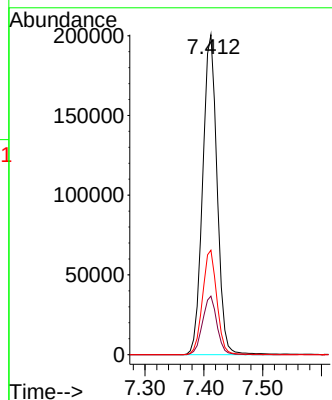
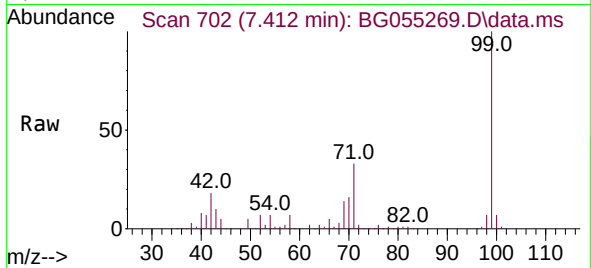




#7
Phenol-d6
Concen: 137.886 ng
RT: 7.412 min Scan# 702
Delta R.T. -0.001 min
Lab File: BG055269.D
Acq: 25 Oct 2022 9:41

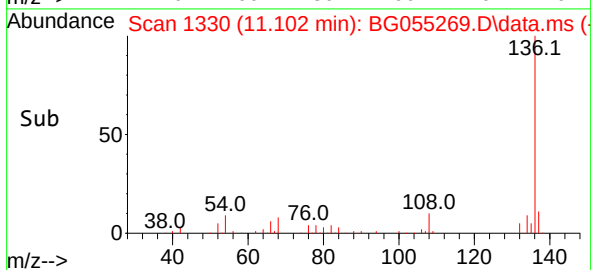
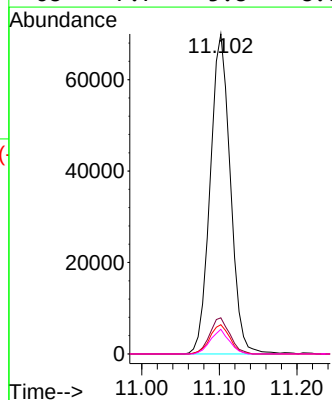
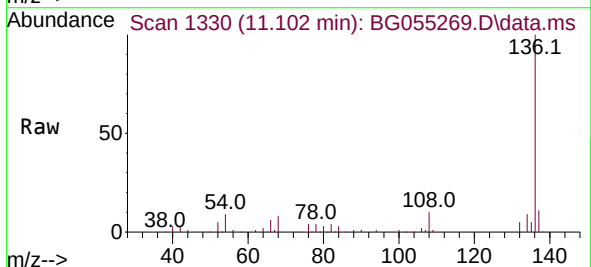
Instrument :
BNA_G
ClientSampleId :
PB148536BL

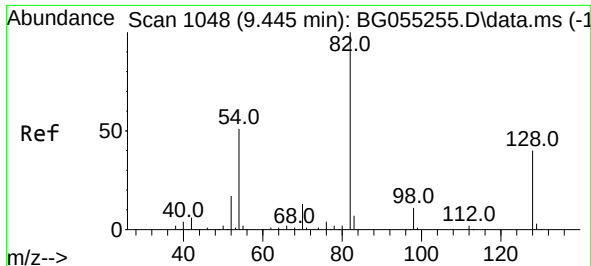
Tgt Ion: 99 Resp: 341512
Ion Ratio Lower Upper
99 100
42 18.3 15.2 22.8
71 32.6 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BG055269.D
Acq: 25 Oct 2022 9:41

Tgt Ion: 136 Resp: 126130
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 9.1 7.8 11.8
68 7.7 5.8 8.6





#23

Nitrobenzene-d5

Concen: 81.932 ng

RT: 9.445 min Scan# 1048

Delta R.T. -0.000 min

Lab File: BG055269.D

Acq: 25 Oct 2022 9:41

Instrument :

BNA_G

ClientSampleId :

PB148536BL

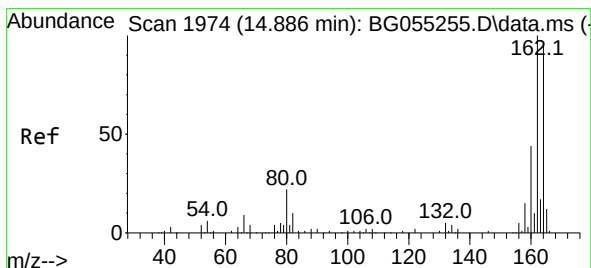
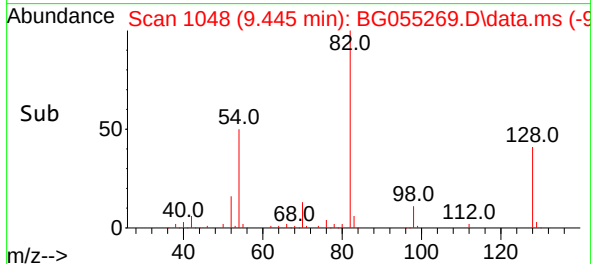
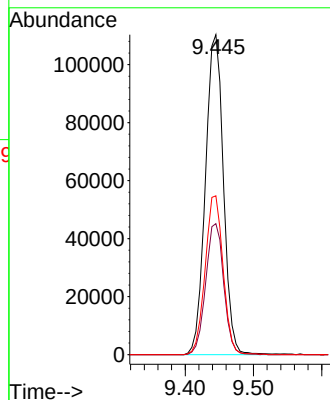
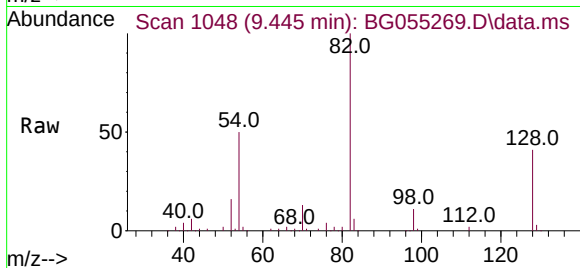
Tgt Ion: 82 Resp: 202378

Ion Ratio Lower Upper

82 100

128 40.9 32.0 48.0

54 49.6 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.886 min Scan# 1974

Delta R.T. -0.000 min

Lab File: BG055269.D

Acq: 25 Oct 2022 9:41

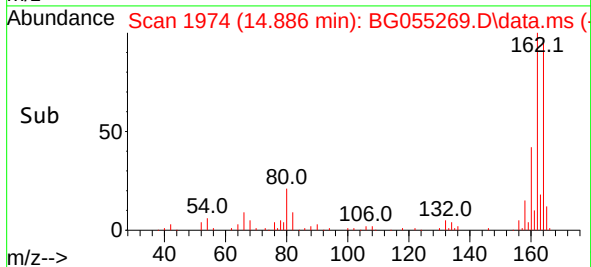
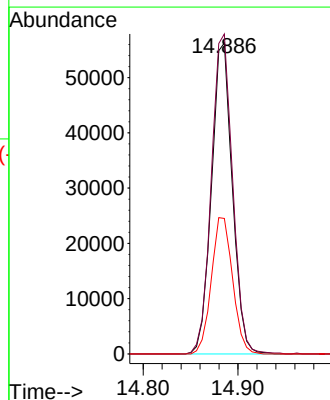
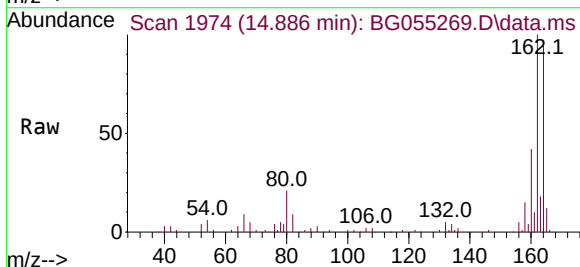
Tgt Ion: 164 Resp: 85753

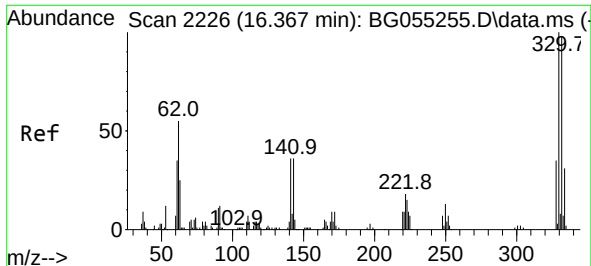
Ion Ratio Lower Upper

164 100

162 102.9 84.0 126.0

160 43.6 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 140.974 ng

RT: 16.360 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG055269.D

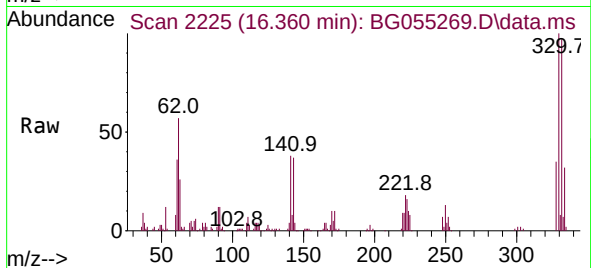
Acq: 25 Oct 2022 9:41

Instrument :

BNA_G

ClientSampleId :

PB148536BL



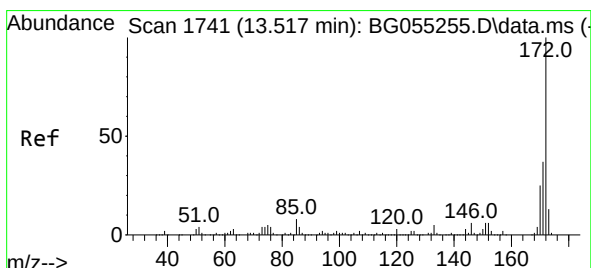
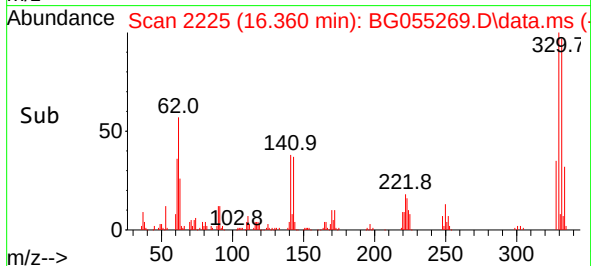
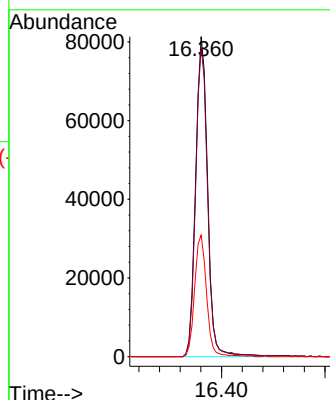
Tgt Ion:330 Resp: 131417

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.0

141 37.7 29.8 44.8



#45

2-Fluorobiphenyl

Concen: 83.643 ng

RT: 13.511 min Scan# 1740

Delta R.T. -0.006 min

Lab File: BG055269.D

Acq: 25 Oct 2022 9:41

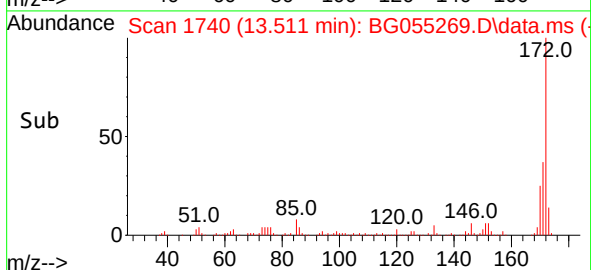
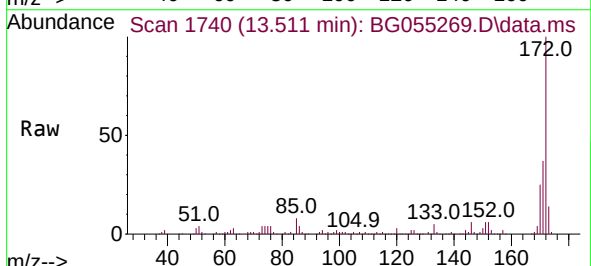
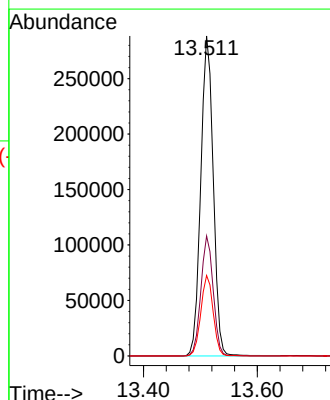
Tgt Ion:172 Resp: 438225

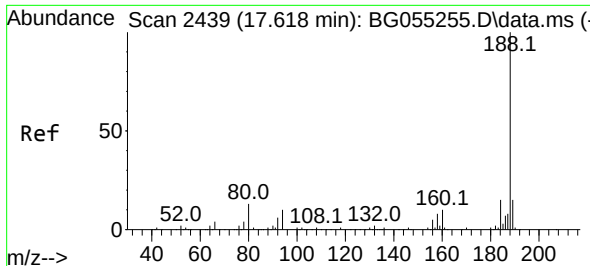
Ion Ratio Lower Upper

172 100

171 37.5 29.7 44.5

170 25.1 20.2 30.2

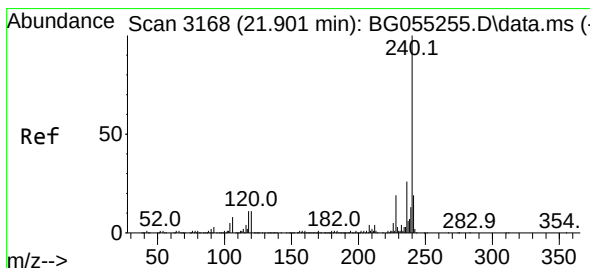
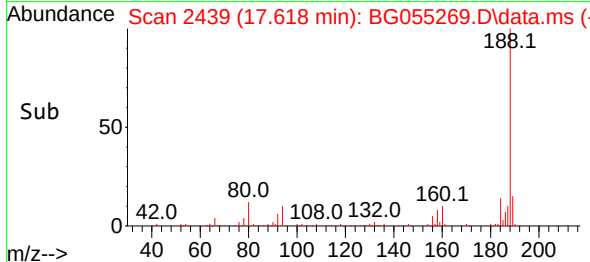
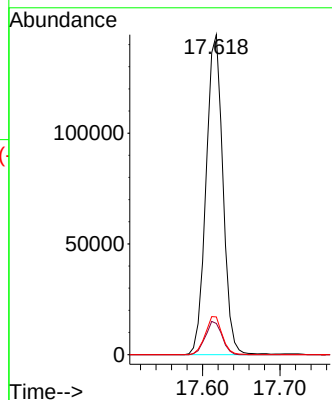
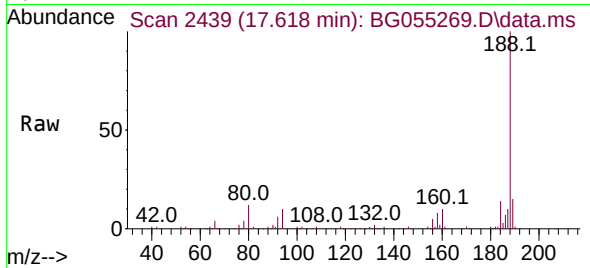




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BG055269.D
Acq: 25 Oct 2022 9:41

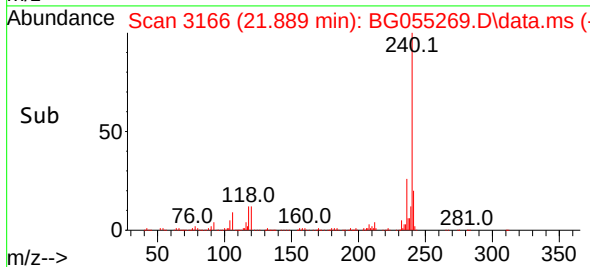
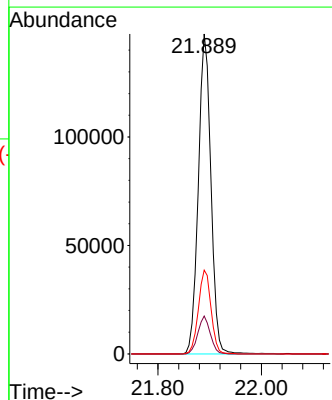
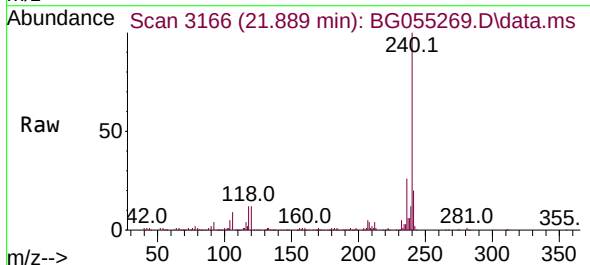
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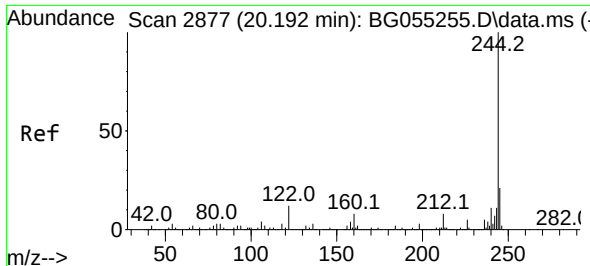
Tgt Ion:188 Resp: 217185
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.4
80 11.8 10.1 15.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.889 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BG055269.D
Acq: 25 Oct 2022 9:41

Tgt Ion:240 Resp: 248098
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 26.2 21.0 31.4

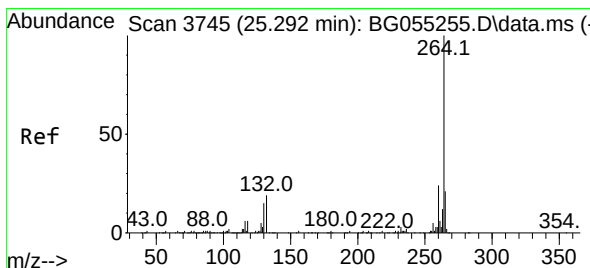
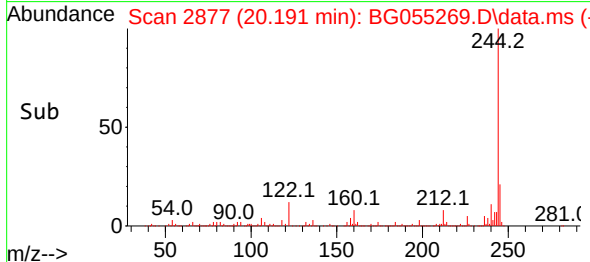
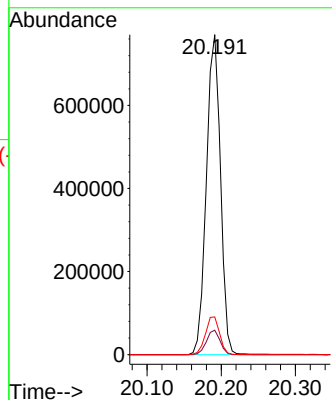
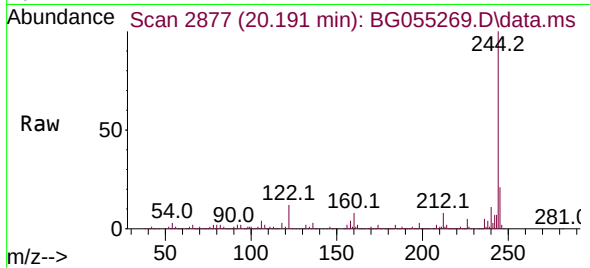




#79
 Terphenyl-d14
 Concen: 84.895 ng
 RT: 20.191 min Scan# 2877
 Delta R.T. -0.000 min
 Lab File: BG055269.D
 Acq: 25 Oct 2022 9:41

Instrument :
 BNA_G
 ClientSampleId :
 PB148536BL

Tgt Ion:244 Resp: 1013739
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 11.8 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.285 min Scan# 3744
 Delta R.T. -0.006 min
 Lab File: BG055269.D
 Acq: 25 Oct 2022 9:41

Tgt Ion:264 Resp: 258342
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.5 29.3
 265 21.6 17.4 26.2

