

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113022\
 Data File : BG055840.D
 Acq On : 30 Nov 2022 12:29
 Operator : CG/JU
 Sample : PB149322BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149322BL

Quant Time: Dec 01 02:12:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 01 02:10:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.220	152	27399	20.000	ng	0.00
21) Naphthalene-d8	11.046	136	113935	20.000	ng	0.00
39) Acenaphthene-d10	14.848	164	85189	20.000	ng	0.00
64) Phenanthrene-d10	17.586	188	223465	20.000	ng	0.00
76) Chrysene-d12	21.869	240	248834	20.000	ng	-0.01
86) Perylene-d12	25.253	264	259839	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.753	112	230250	151.896	ng	0.00
7) Phenol-d6	7.368	99	299433	148.394	ng	0.00
23) Nitrobenzene-d5	9.395	82	187687	87.069	ng	0.00
42) 2,4,6-Tribromophenol	16.328	330	171182	142.703	ng	0.00
45) 2-Fluorobiphenyl	13.467	172	487618	85.752	ng	0.00
79) Terphenyl-d14	20.171	244	1127907	90.661	ng	0.00

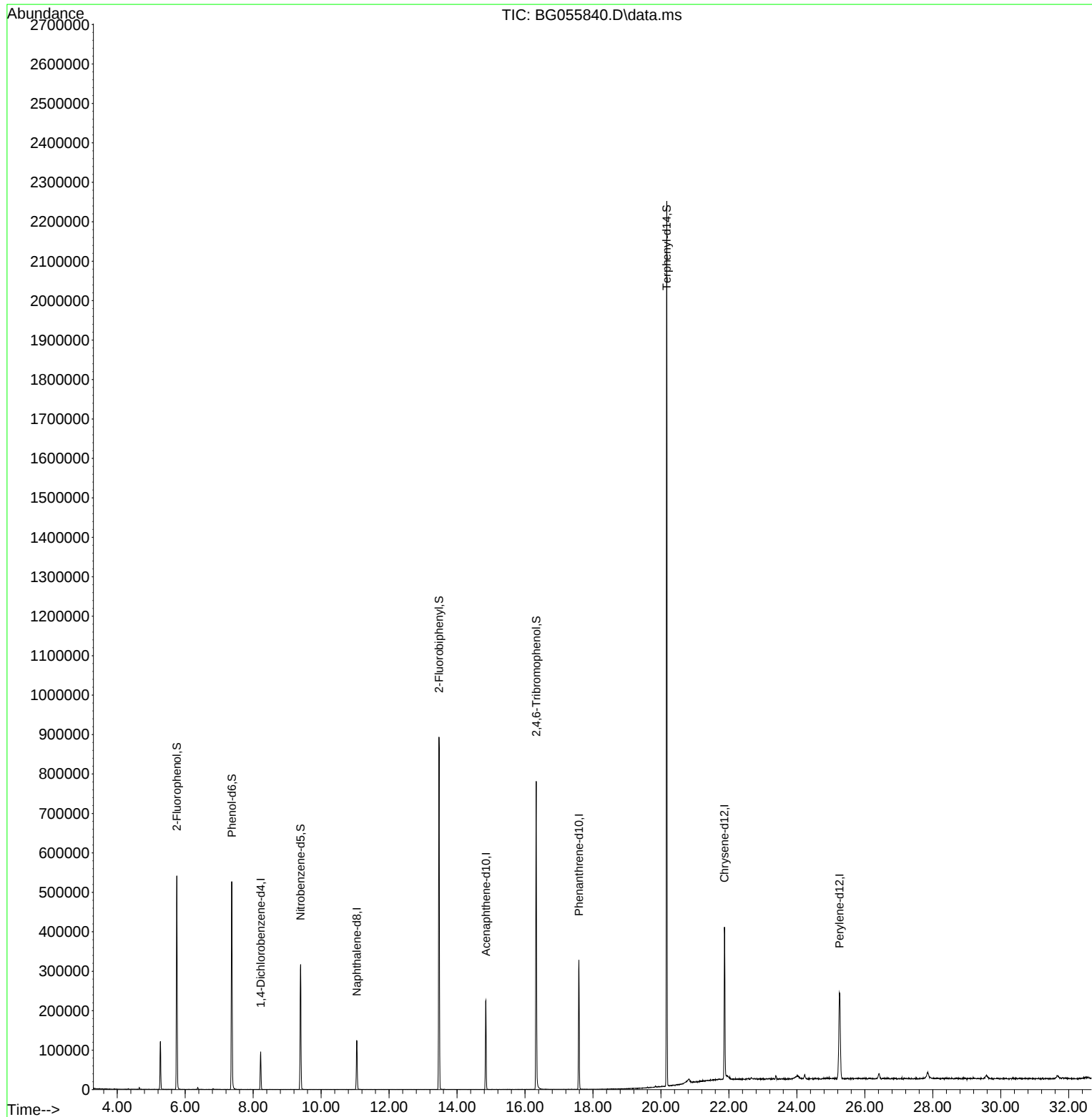
Target Compounds	Qvalue

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

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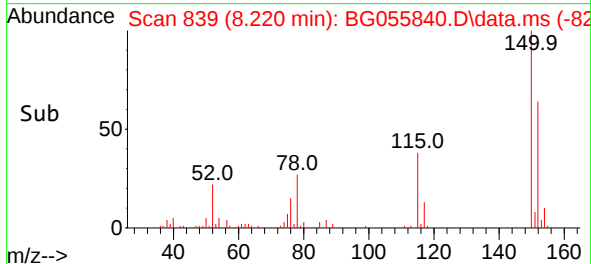
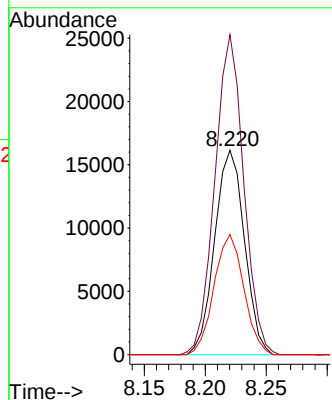
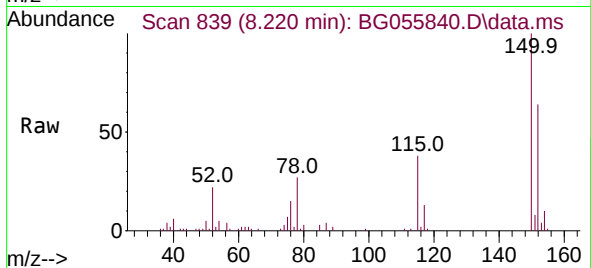




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.220 min Scan# 845
Delta R.T. 0.001 min
Lab File: BG055840.D
Acq: 30 Nov 2022 12:29

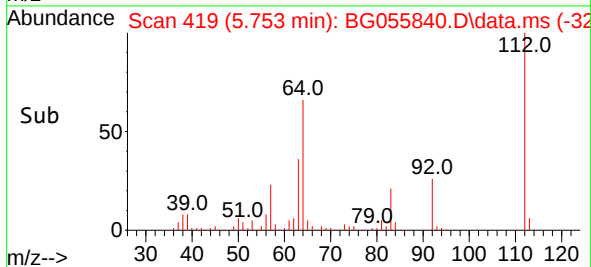
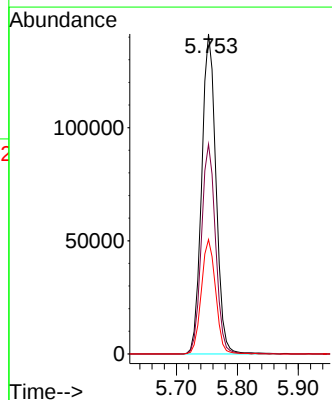
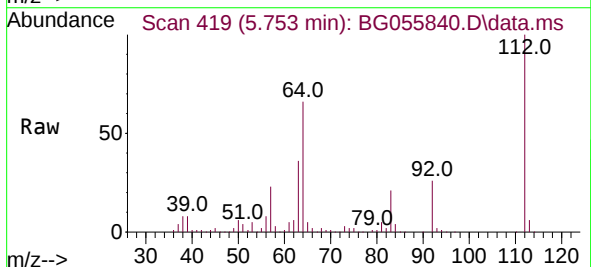
Instrument :
BNA_G
ClientSampleId :
PB149322BL

Tgt Ion:152 Resp: 27399
Ion Ratio Lower Upper
152 100
150 156.7 123.0 184.6
115 58.8 47.0 70.4



#5
2-Fluorophenol
Concen: 151.896 ng
RT: 5.753 min Scan# 419
Delta R.T. 0.001 min
Lab File: BG055840.D
Acq: 30 Nov 2022 12:29

Tgt Ion:112 Resp: 230250
Ion Ratio Lower Upper
112 100
64 65.5 50.6 76.0
63 35.7 27.5 41.3

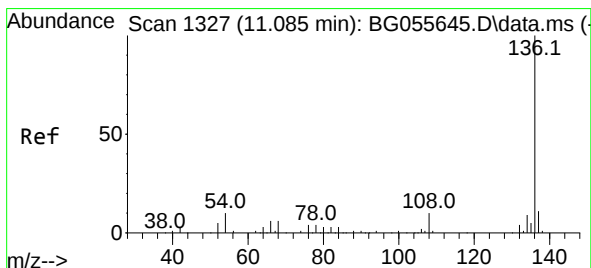
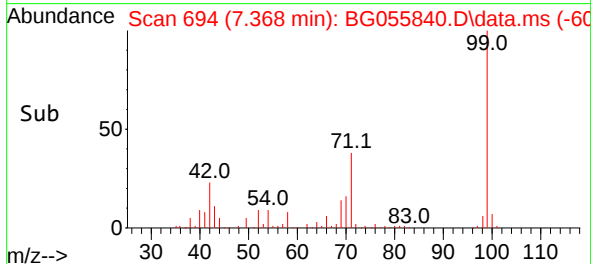
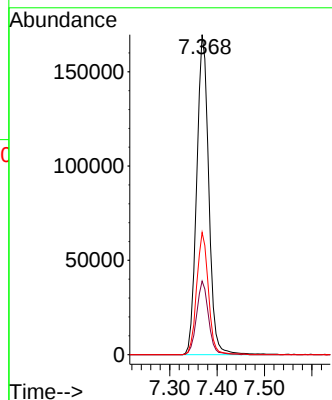
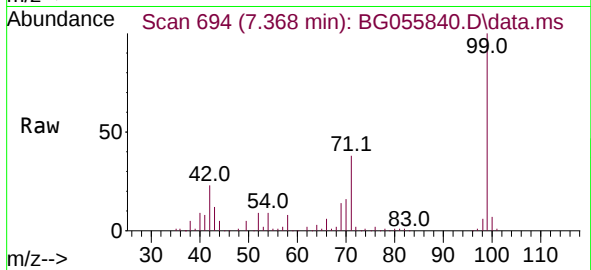




#7
Phenol-d6
Concen: 148.394 ng
RT: 7.368 min Scan# 69
Delta R.T. -0.005 min
Lab File: BG055840.D
Acq: 30 Nov 2022 12:29

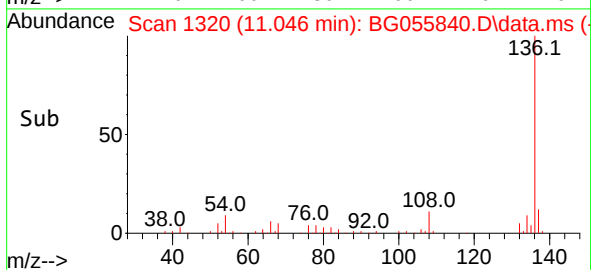
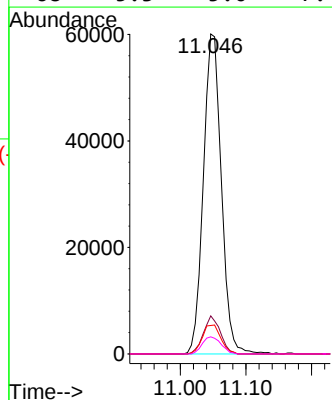
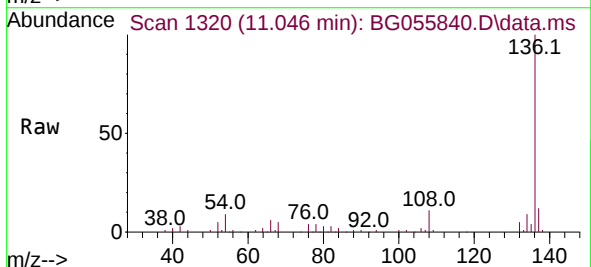
Instrument :
BNA_G
ClientSampleId :
PB149322BL

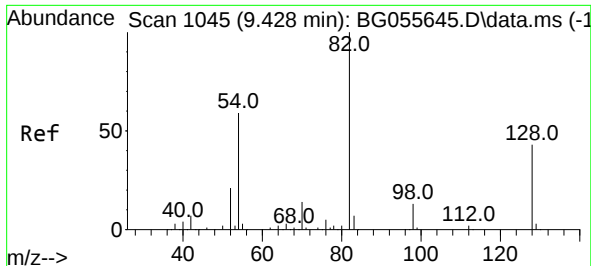
Tgt Ion: 99 Resp: 299433
Ion Ratio Lower Upper
99 100
42 23.0 18.0 27.0
71 38.2 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.046 min Scan# 1320
Delta R.T. -0.005 min
Lab File: BG055840.D
Acq: 30 Nov 2022 12:29

Tgt Ion: 136 Resp: 113935
Ion Ratio Lower Upper
136 100
137 11.9 9.0 13.6
54 8.9 7.8 11.6
68 5.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 87.069 ng

RT: 9.395 min Scan# 10

Delta R.T. 0.001 min

Lab File: BG055840.D

Acq: 30 Nov 2022 12:29

Instrument :

BNA_G

ClientSampleId :

PB149322BL

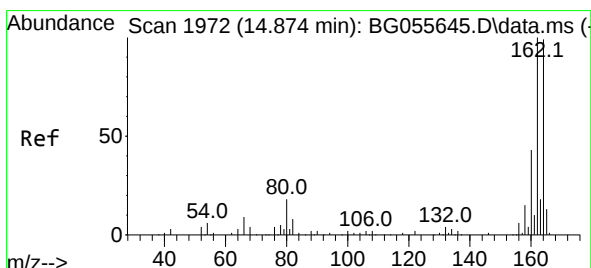
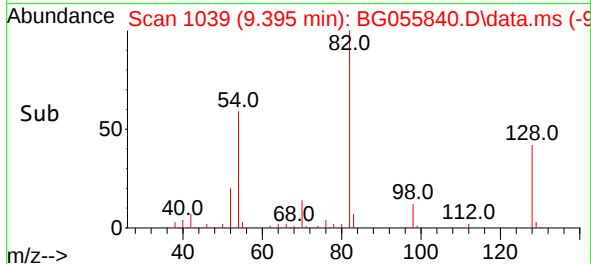
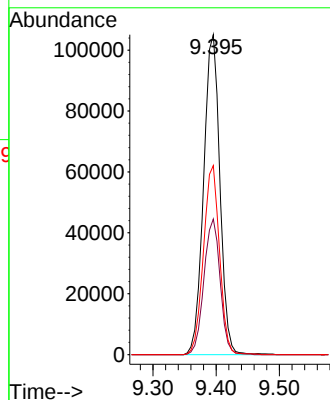
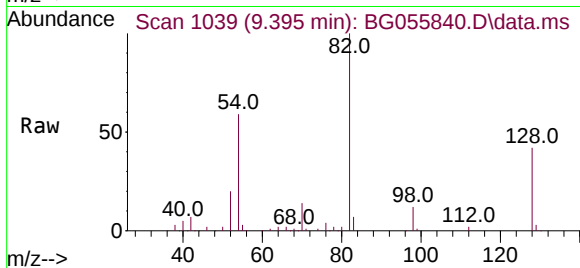
Tgt Ion: 82 Resp: 187687

Ion Ratio Lower Upper

82 100

128 42.4 34.1 51.1

54 59.1 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.848 min Scan# 1967

Delta R.T. 0.001 min

Lab File: BG055840.D

Acq: 30 Nov 2022 12:29

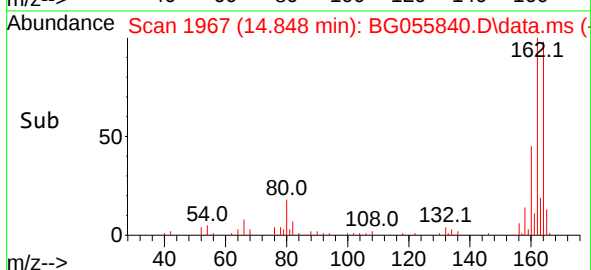
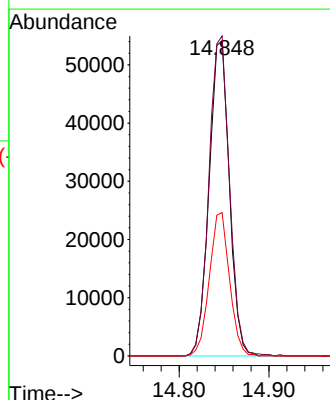
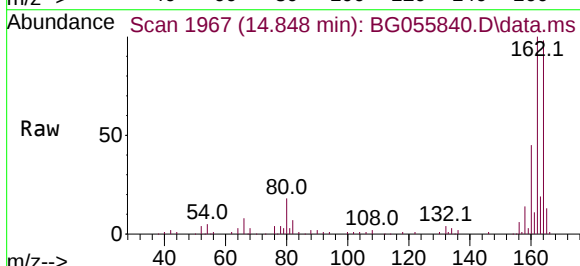
Tgt Ion:164 Resp: 85189

Ion Ratio Lower Upper

164 100

162 101.6 81.1 121.7

160 45.5 34.8 52.2

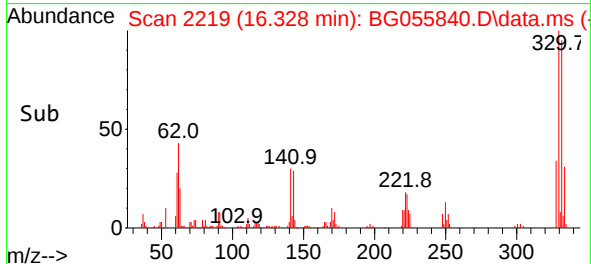
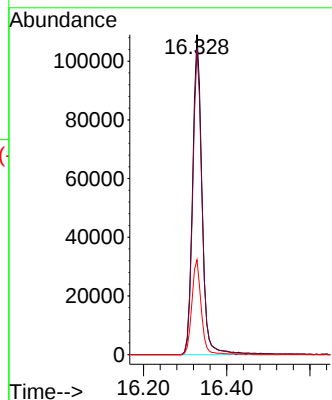
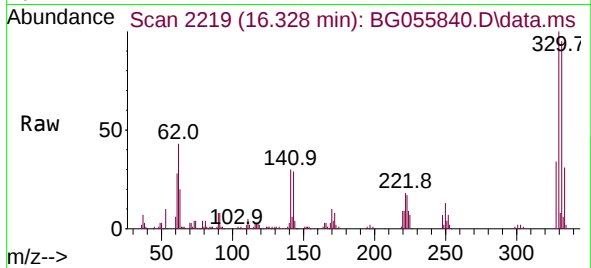




#42
2,4,6-Tribromophenol
Concen: 142.703 ng
RT: 16.328 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG055840.D
Acq: 30 Nov 2022 12:29

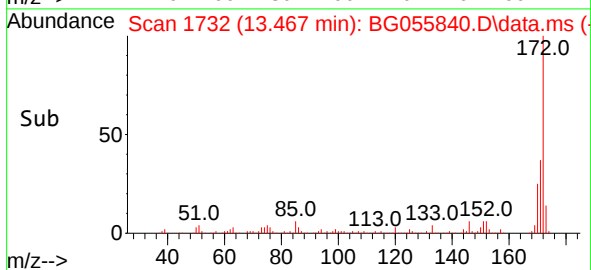
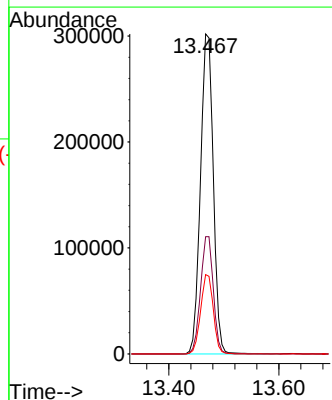
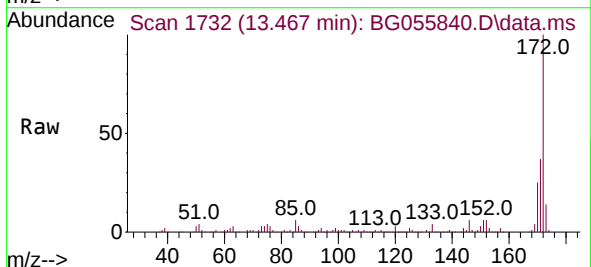
Instrument :
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ClientSampleId :
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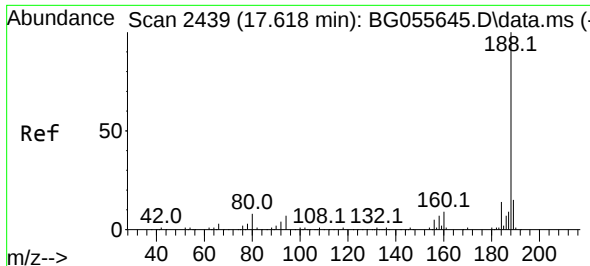
Tgt Ion:330 Resp: 171182
Ion Ratio Lower Upper
330 100
332 94.9 77.8 116.8
141 29.3 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 85.752 ng
RT: 13.467 min Scan# 1732
Delta R.T. -0.005 min
Lab File: BG055840.D
Acq: 30 Nov 2022 12:29

Tgt Ion:172 Resp: 487618
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 24.8 20.2 30.4

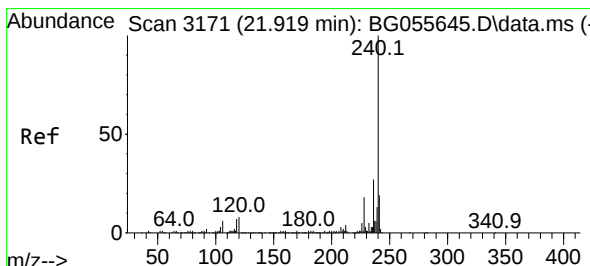
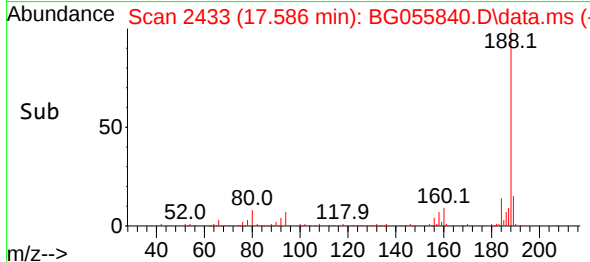
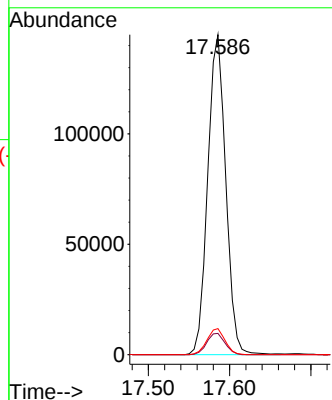
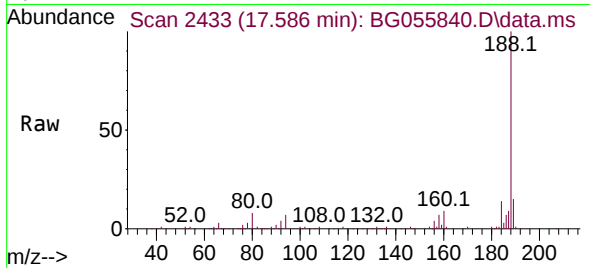




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.586 min Scan# 2439
Delta R.T. 0.001 min
Lab File: BG055840.D
Acq: 30 Nov 2022 12:29

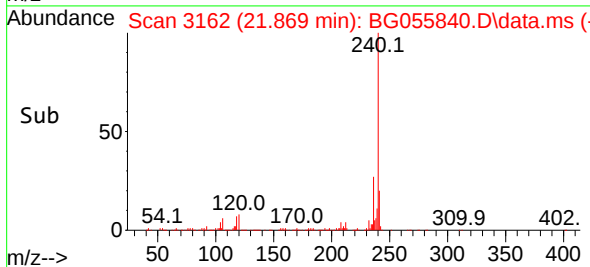
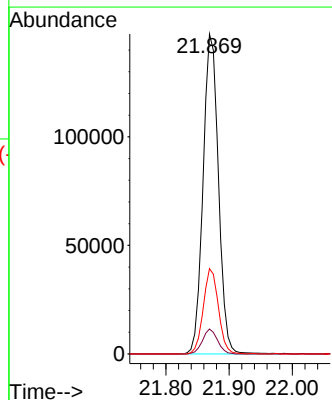
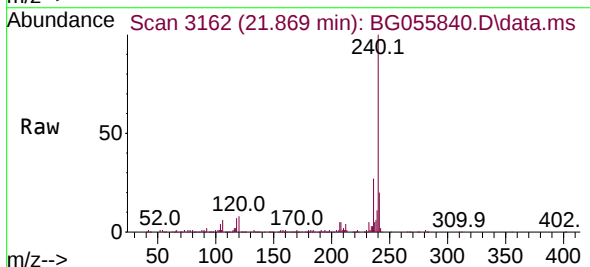
Instrument :
BNA_G
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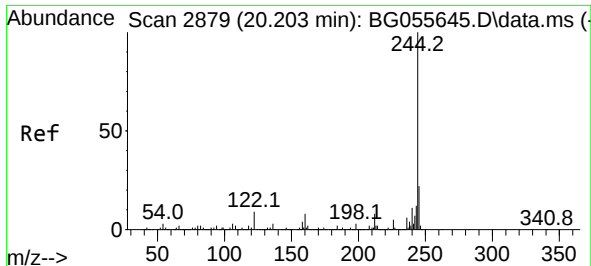
Tgt Ion:188 Resp: 223465
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.2
80 8.1 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.869 min Scan# 3162
Delta R.T. -0.011 min
Lab File: BG055840.D
Acq: 30 Nov 2022 12:29

Tgt Ion:240 Resp: 248834
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 26.6 21.9 32.9

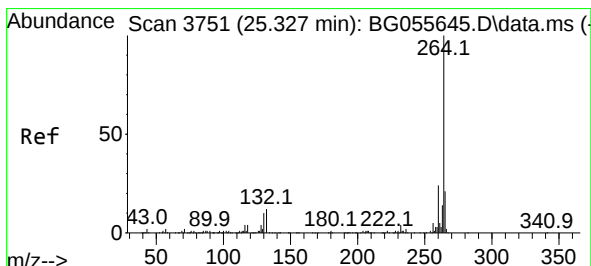
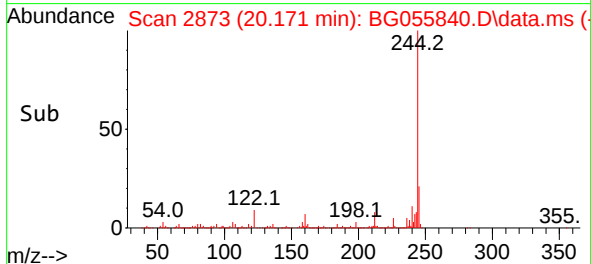
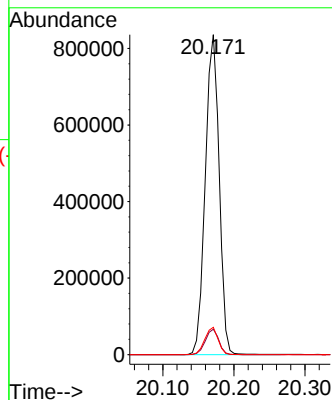
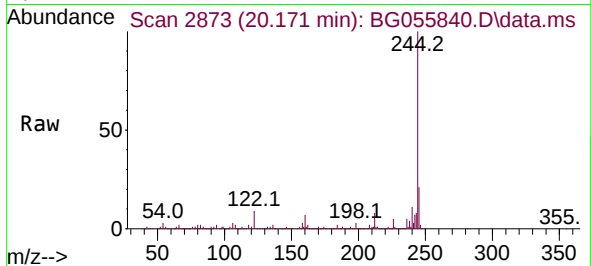




#79
 Terphenyl-d14
 Concen: 90.661 ng
 RT: 20.171 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG055840.D
 Acq: 30 Nov 2022 12:29

Instrument :
 BNA_G
 ClientSampleId :
 PB149322BL

Tgt Ion:244 Resp: 1127907
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 8.5 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.253 min Scan# 3738
 Delta R.T. -0.005 min
 Lab File: BG055840.D
 Acq: 30 Nov 2022 12:29

Tgt Ion:264 Resp: 259839
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.3 17.1 25.7

