

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
 Data File : BG055612.D
 Acq On : 14 Nov 2022 20:07
 Operator : CG/JU
 Sample : N5554-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT3249

Quant Time: Nov 15 01:05:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.265	152	63195	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	274685	20.000	ng	0.00
39) Acenaphthene-d10	14.893	164	166707	20.000	ng	0.00
64) Phenanthrene-d10	17.636	188	320447	20.000	ng	# 0.00
76) Chrysene-d12	21.937	240	330319	20.000	ng	# 0.00
86) Perylene-d12	25.363	264	357634	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.792	112	422166	127.243	ng	0.00
7) Phenol-d6	7.401	99	556095	121.339	ng	0.00
23) Nitrobenzene-d5	9.434	82	364508	89.960	ng	-0.01
42) 2,4,6-Tribromophenol	16.379	330	246711	151.676	ng	0.01
45) 2-Fluorobiphenyl	13.512	172	833851	75.448	ng	0.00
79) Terphenyl-d14	20.222	244	1136556	69.110	ng	0.00

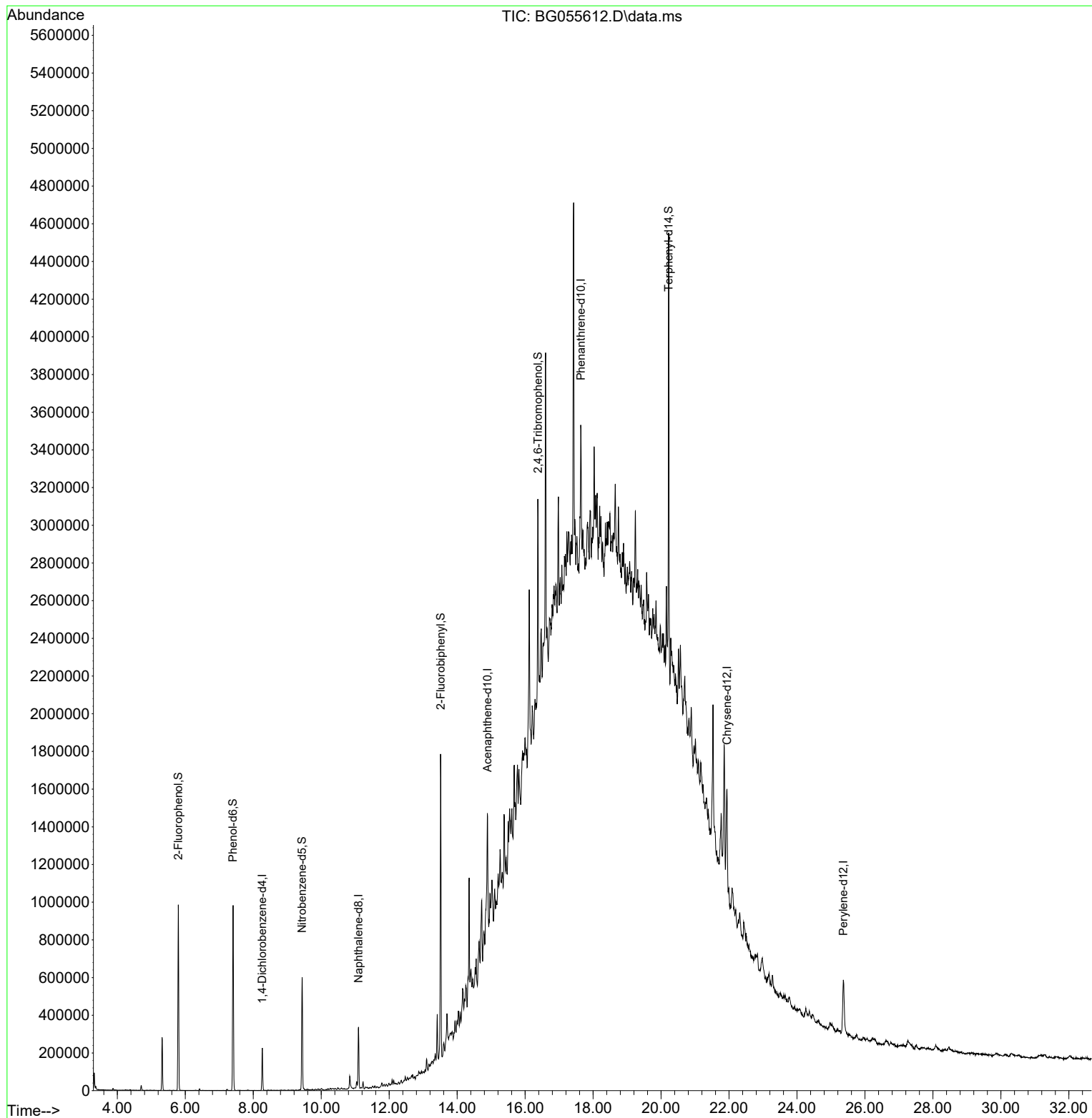
Target Compounds	Qvalue

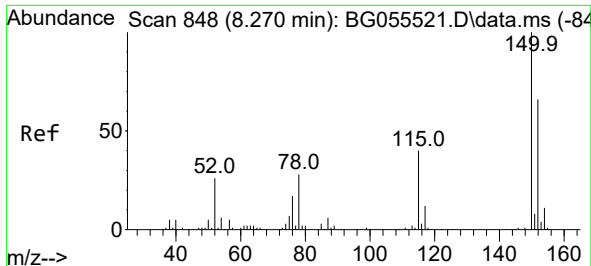
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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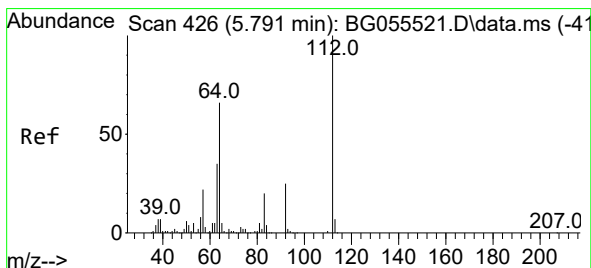
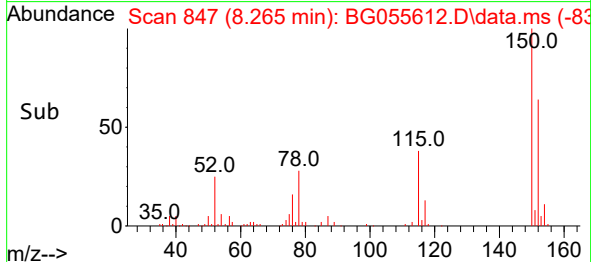
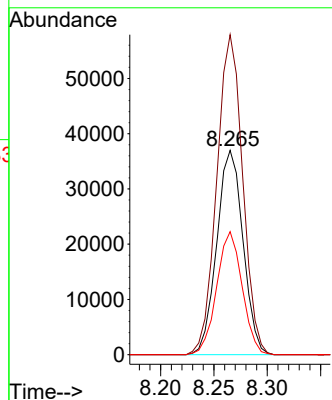
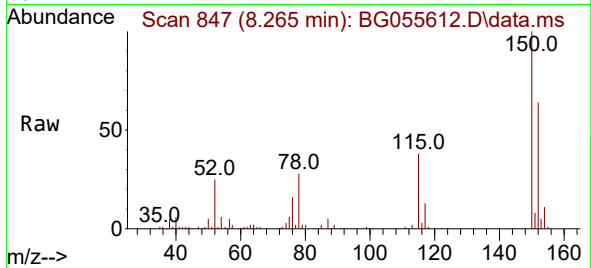




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.265 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055612.D
Acq: 14 Nov 2022 20:07

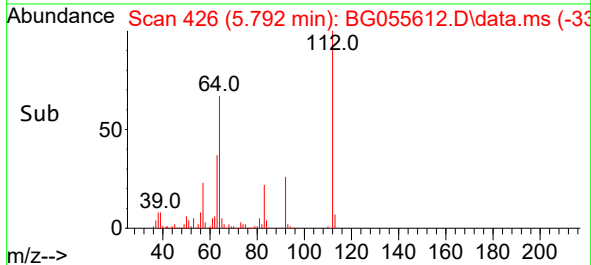
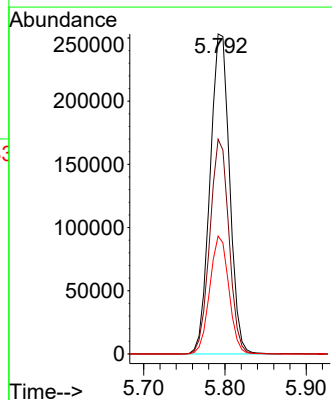
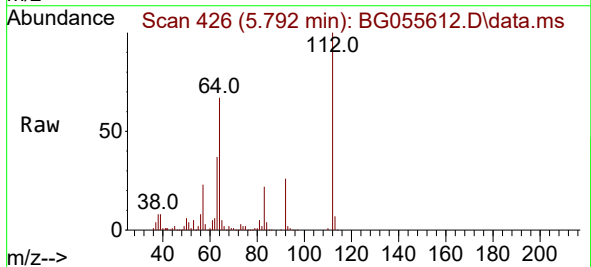
Instrument :
BNA_G
ClientSampleId :
RT3249

Tgt Ion:152 Resp: 63195
Ion Ratio Lower Upper
152 100
150 156.6 121.0 181.4
115 60.3 47.8 71.8



#5
2-Fluorophenol
Concen: 127.243 ng
RT: 5.792 min Scan# 426
Delta R.T. 0.000 min
Lab File: BG055612.D
Acq: 14 Nov 2022 20:07

Tgt Ion:112 Resp: 422166
Ion Ratio Lower Upper
112 100
64 67.1 52.6 78.8
63 36.9 28.3 42.5

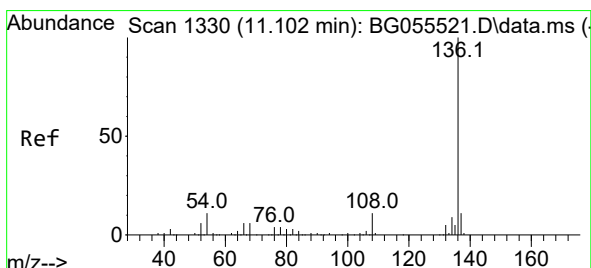
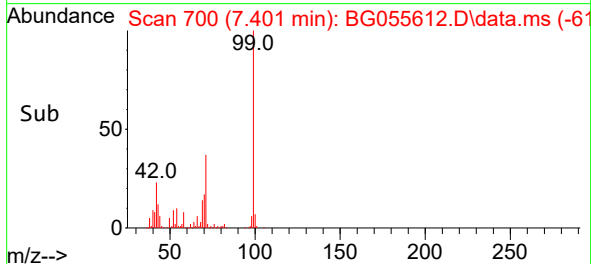
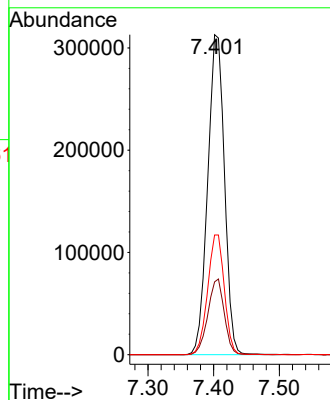
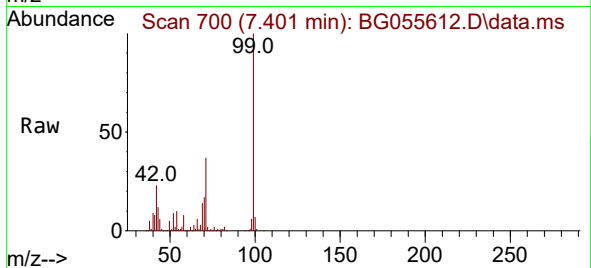




#7
Phenol-d6
Concen: 121.339 ng
RT: 7.401 min Scan# 700
Delta R.T. 0.000 min
Lab File: BG055612.D
Acq: 14 Nov 2022 20:07

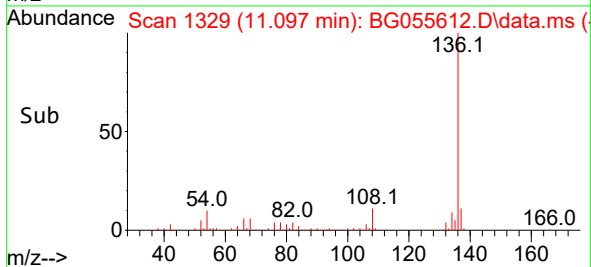
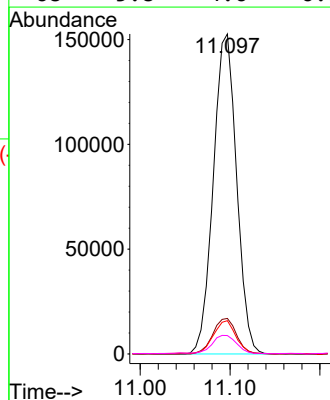
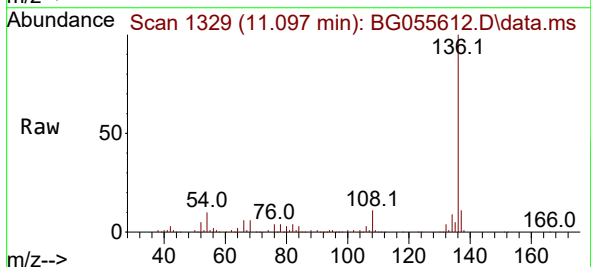
Instrument :
BNA_G
ClientSampleId :
RT3249

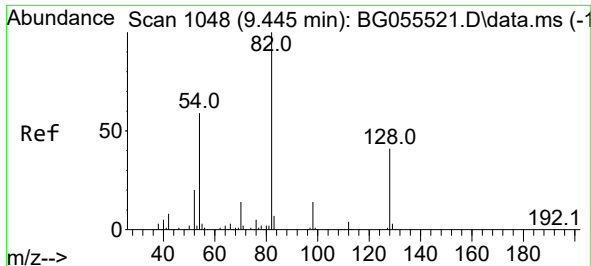
Tgt Ion: 99 Resp: 556095
Ion Ratio Lower Upper
99 100
42 22.8 17.5 26.3
71 37.4 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 1329
Delta R.T. -0.005 min
Lab File: BG055612.D
Acq: 14 Nov 2022 20:07

Tgt Ion: 136 Resp: 274685
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 10.4 8.6 12.8
68 5.8 4.6 6.8

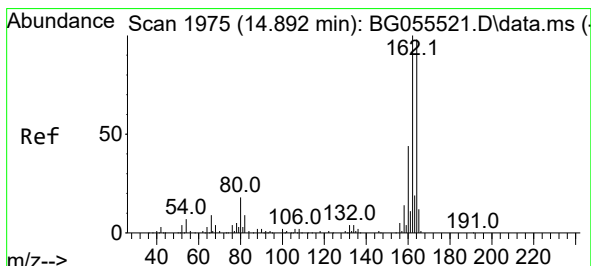
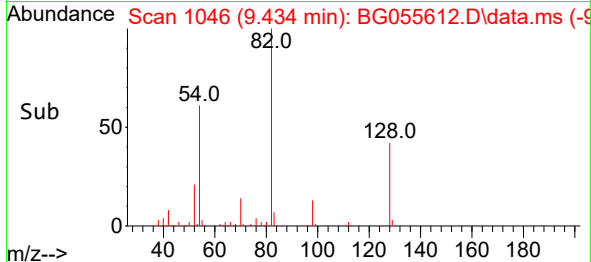
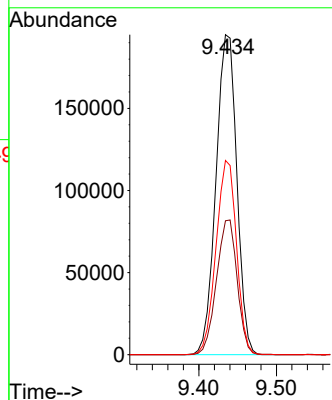
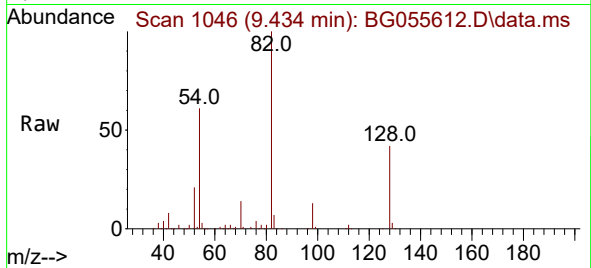




#23
Nitrobenzene-d5
Concen: 89.960 ng
RT: 9.434 min Scan# 1046
Delta R.T. -0.011 min
Lab File: BG055612.D
Acq: 14 Nov 2022 20:07

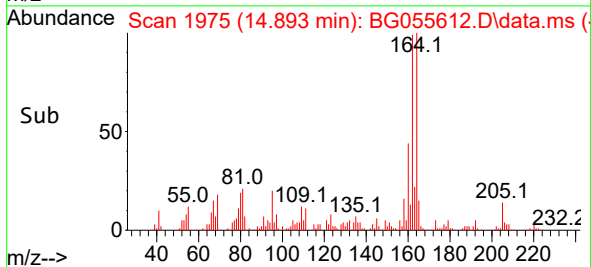
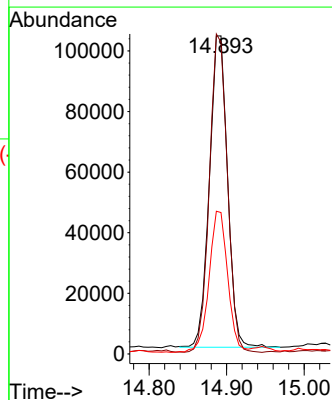
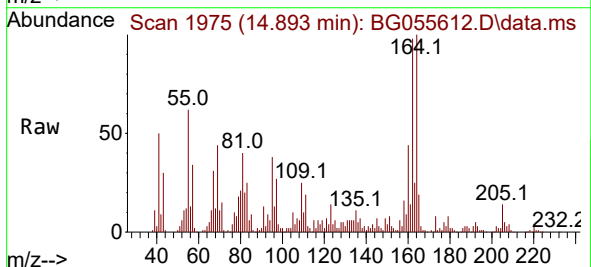
Instrument :
BNA_G
ClientSampleId :
RT3249

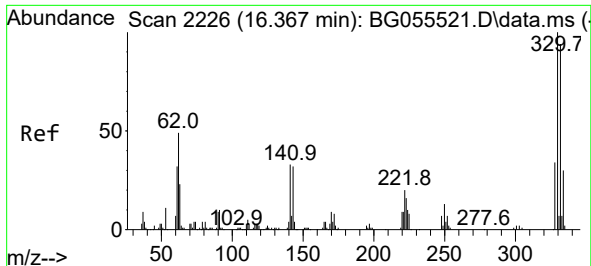
Tgt Ion: 82 Resp: 364508
Ion Ratio Lower Upper
82 100
128 41.9 32.6 49.0
54 60.7 47.3 70.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.893 min Scan# 1975
Delta R.T. 0.001 min
Lab File: BG055612.D
Acq: 14 Nov 2022 20:07

Tgt Ion:164 Resp: 166707
Ion Ratio Lower Upper
164 100
162 98.0 81.3 121.9
160 44.5 35.9 53.9

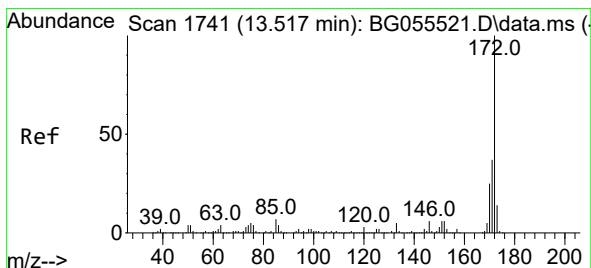
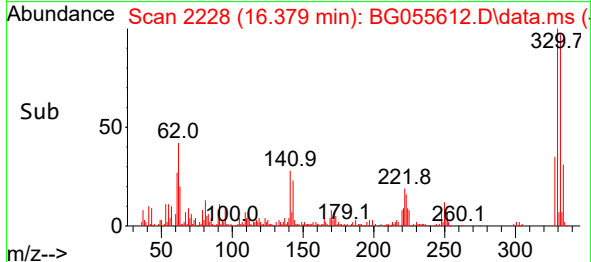
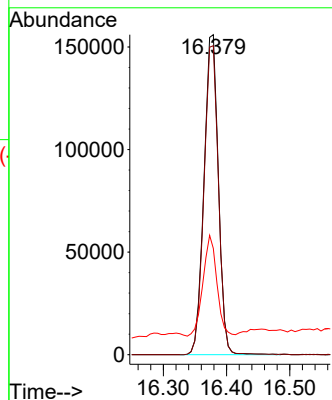
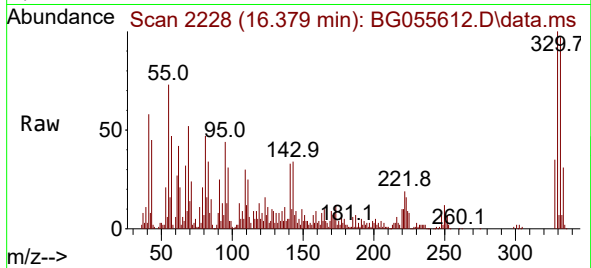




#42
2,4,6-Tribromophenol
Concen: 151.676 ng
RT: 16.379 min Scan# 21
Delta R.T. 0.012 min
Lab File: BG055612.D
Acq: 14 Nov 2022 20:07

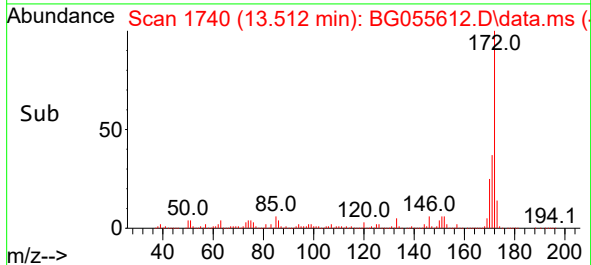
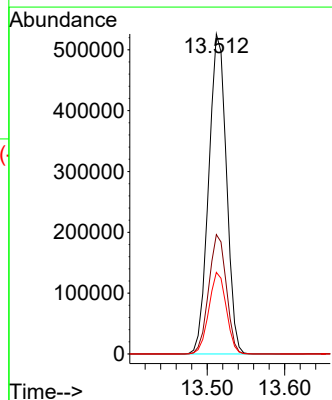
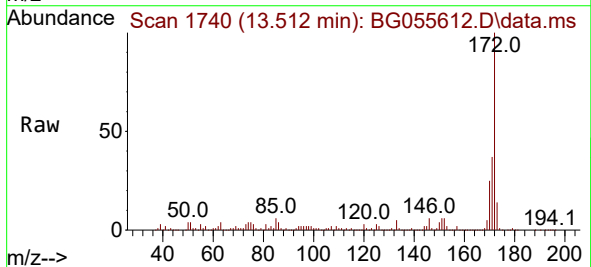
Instrument :
BNA_G
ClientSampleId :
RT3249

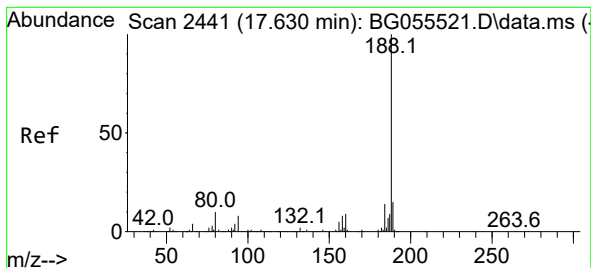
Tgt Ion:330 Resp: 246711
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.2
141 30.3 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 75.448 ng
RT: 13.512 min Scan# 1740
Delta R.T. -0.005 min
Lab File: BG055612.D
Acq: 14 Nov 2022 20:07

Tgt Ion:172 Resp: 833851
Ion Ratio Lower Upper
172 100
171 37.3 29.7 44.5
170 25.5 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.636 min Scan# 2441

Delta R.T. 0.006 min

Lab File: BG055612.D

Acq: 14 Nov 2022 20:07

Instrument :

BNA_G

ClientSampleId :

RT3249

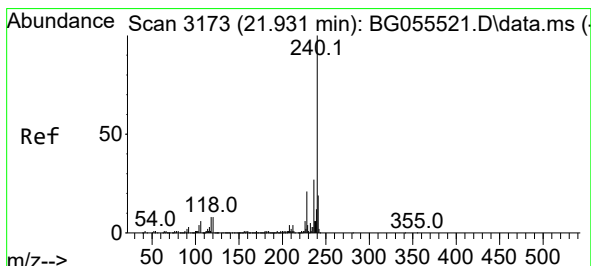
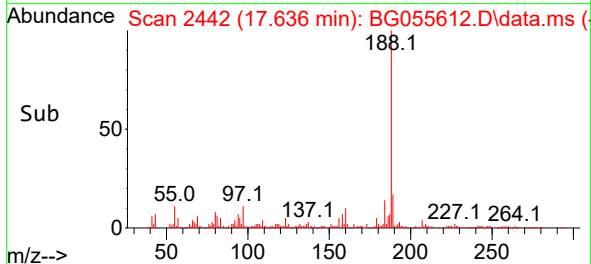
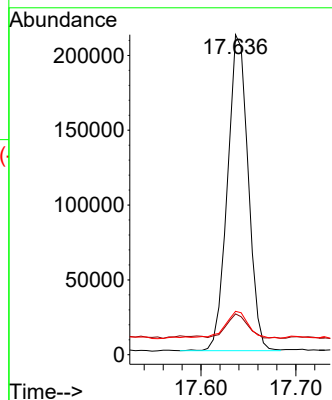
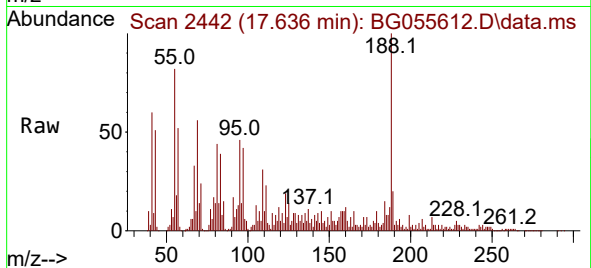
Tgt Ion:188 Resp: 320447

Ion Ratio Lower Upper

188 100

94 12.7 6.4 9.6#

80 13.6 7.6 11.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.937 min Scan# 3174

Delta R.T. 0.006 min

Lab File: BG055612.D

Acq: 14 Nov 2022 20:07

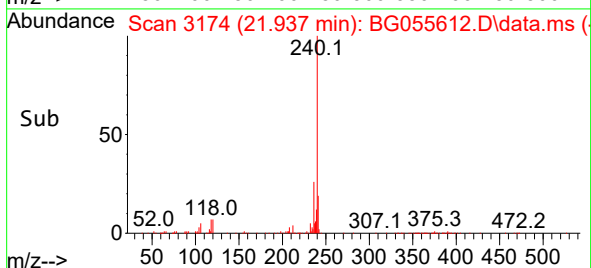
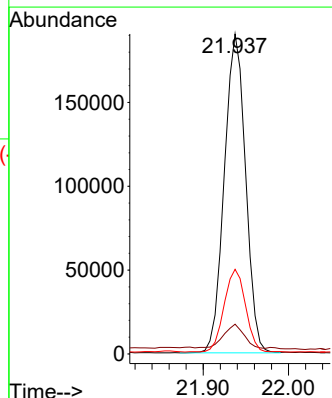
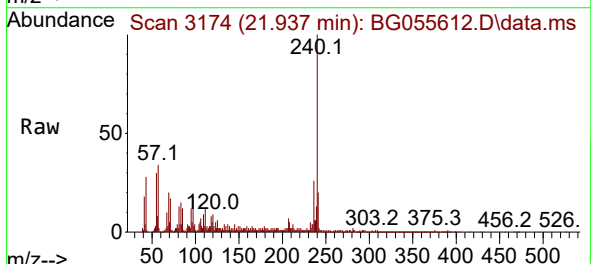
Tgt Ion:240 Resp: 330319

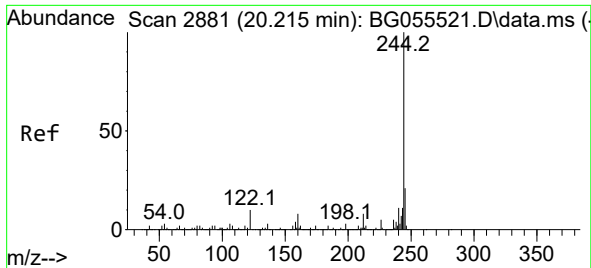
Ion Ratio Lower Upper

240 100

120 9.3 6.1 9.1#

236 26.4 21.4 32.0

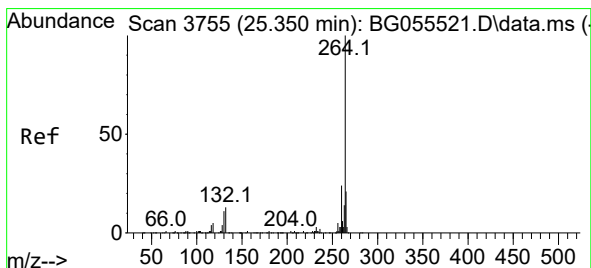
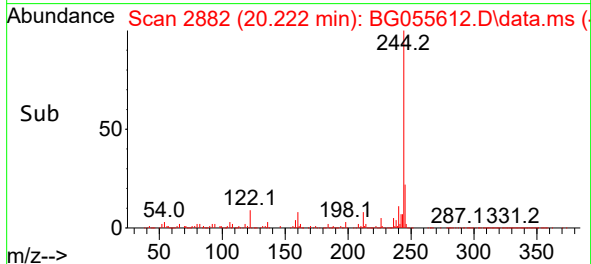
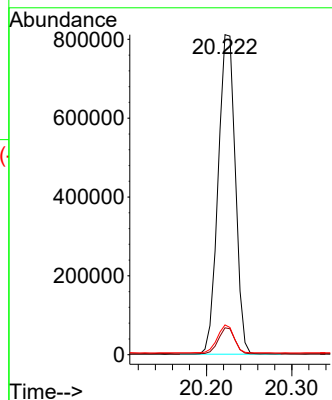
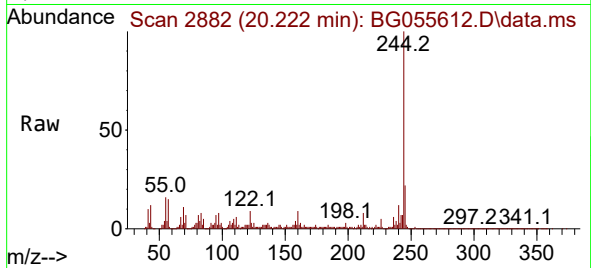




#79
 Terphenyl-d14
 Concen: 69.110 ng
 RT: 20.222 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: BG055612.D
 Acq: 14 Nov 2022 20:07

Instrument :
 BNA_G
 ClientSampleId :
 RT3249

Tgt Ion:244 Resp: 1136556
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 9.3 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.363 min Scan# 3757
 Delta R.T. 0.013 min
 Lab File: BG055612.D
 Acq: 14 Nov 2022 20:07

Tgt Ion:264 Resp: 357634
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.9 17.1 25.7

