

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
 Data File : BG055607.D
 Acq On : 14 Nov 2022 16:42
 Operator : CG/JU
 Sample : N5554-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR251374

Quant Time: Nov 15 01:02:31 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)

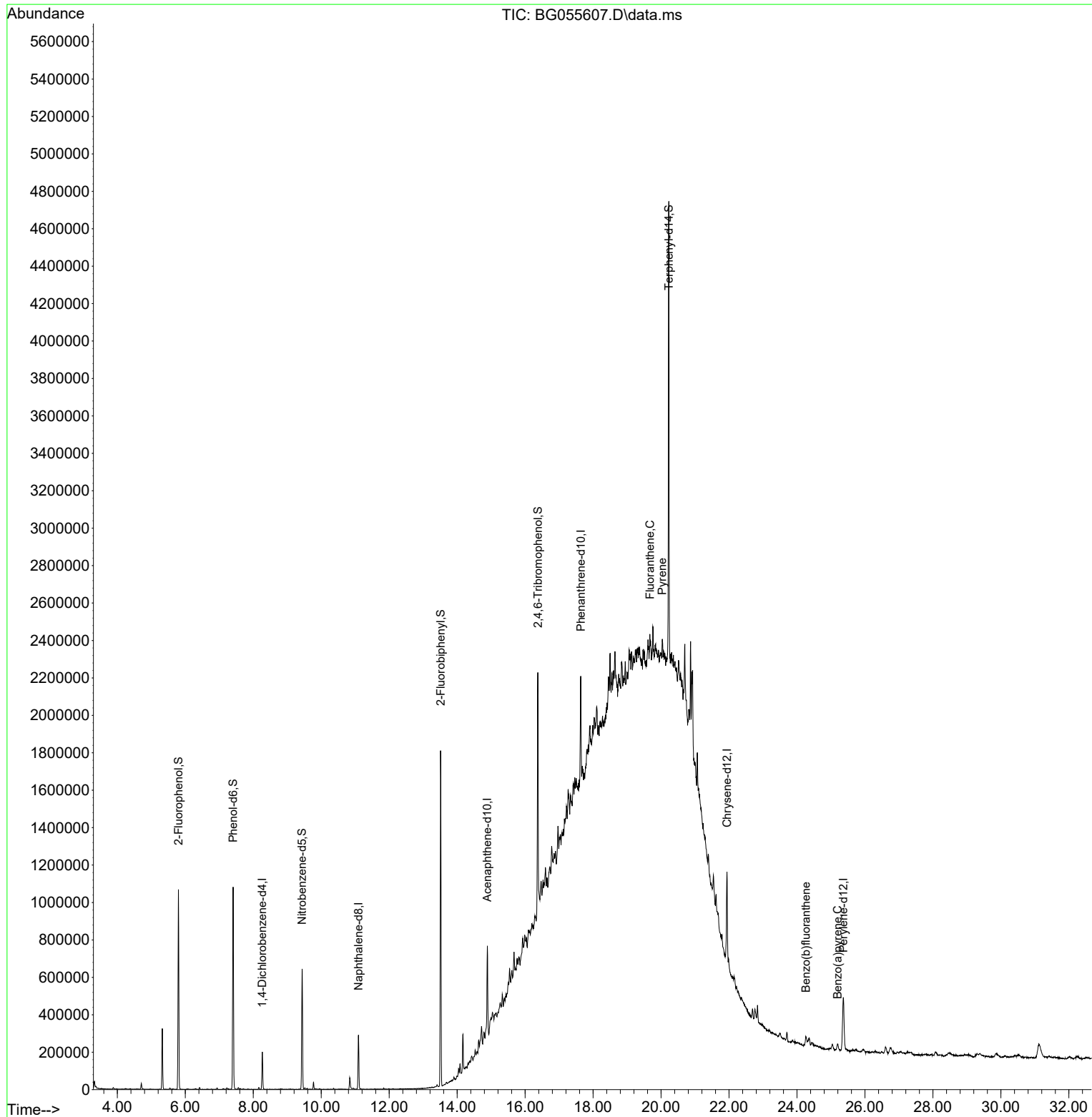
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.265	152	56295	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	244325	20.000	ng	0.00
39) Acenaphthene-d10	14.887	164	158436	20.000	ng	0.00
64) Phenanthrene-d10	17.636	188	310105	20.000	ng	# 0.00
76) Chrysene-d12	21.937	240	311505	20.000	ng	0.00
86) Perylene-d12	25.363	264	331269	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	447363	151.364	ng	0.00
7) Phenol-d6	7.407	99	595126	145.772	ng	0.00
23) Nitrobenzene-d5	9.434	82	381335	105.807	ng	-0.01
42) 2,4,6-Tribromophenol	16.373	330	275488	178.209	ng	0.00
45) 2-Fluorobiphenyl	13.512	172	935791	89.092	ng	0.00
79) Terphenyl-d14	20.227	244	1259781	81.230	ng	0.01
Target Compounds						
						Qvalue
75) Fluoranthene	19.675	202	58449	2.941	ng	82
78) Pyrene	20.034	202	53813	2.553	ng	# 84
88) Benzo(b)fluoranthene	24.264	252	61490	2.930	ng	# 88
90) Benzo(a)pyrene	25.192	252	40039	2.214	ng	# 94

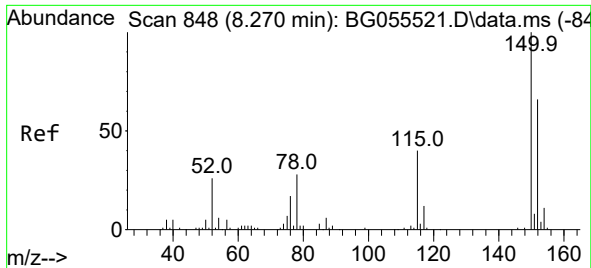
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
Data File : BG055607.D
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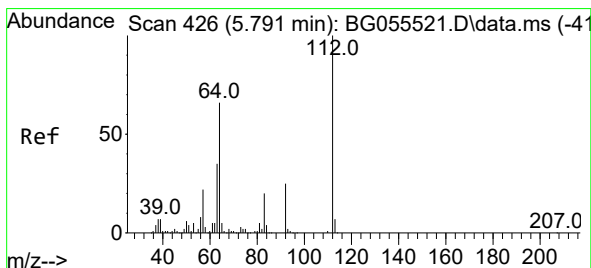
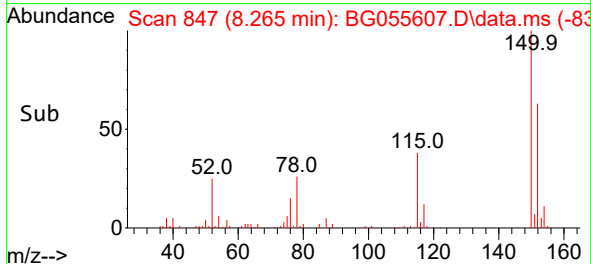
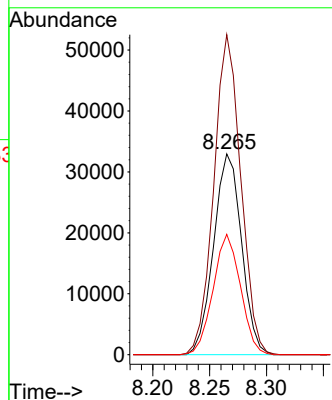
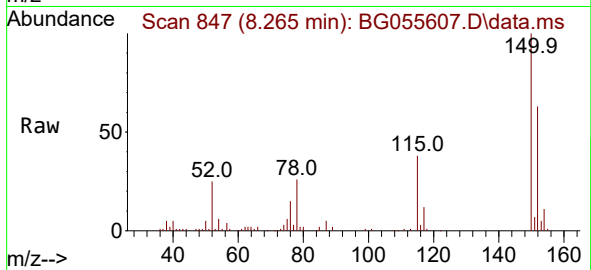




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.265 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

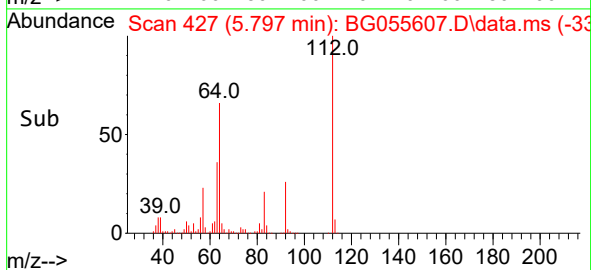
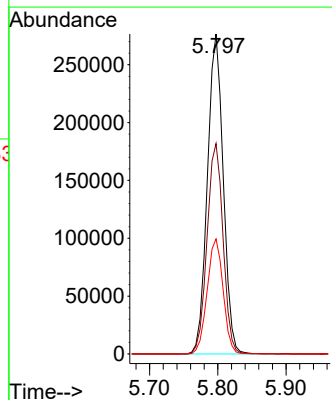
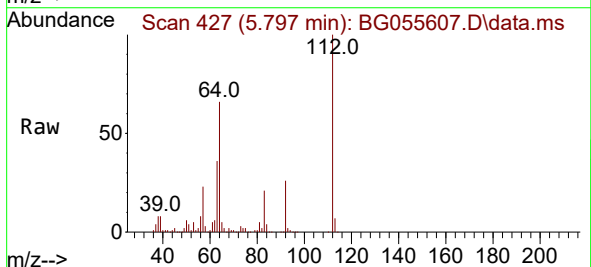
Instrument :
BNA_G
ClientSampleId :
RBR251374

Tgt Ion:152 Resp: 56295
Ion Ratio Lower Upper
152 100
150 159.4 121.0 181.4
115 59.9 47.8 71.8



#5
2-Fluorophenol
Concen: 151.364 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

Tgt Ion:112 Resp: 447363
Ion Ratio Lower Upper
112 100
64 65.8 52.6 78.8
63 35.9 28.3 42.5

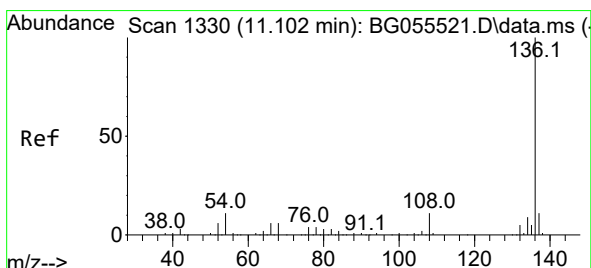
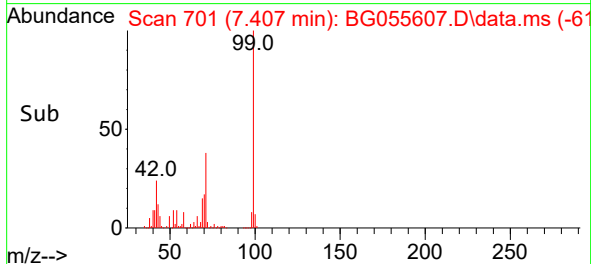
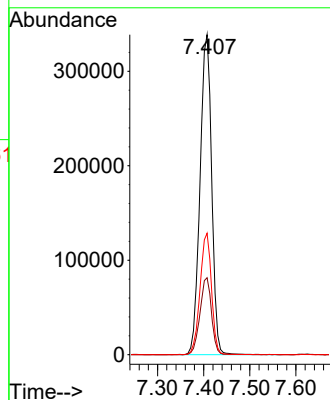
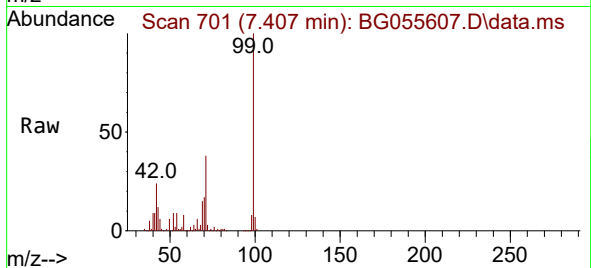




#7
Phenol-d6
Concen: 145.772 ng
RT: 7.407 min Scan# 700
Delta R.T. 0.006 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

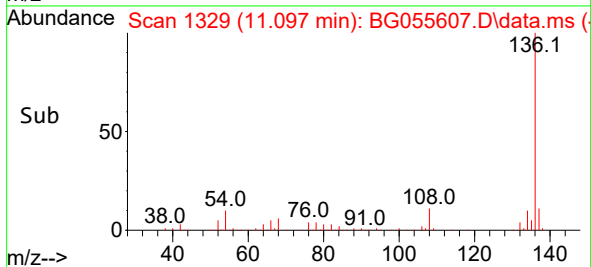
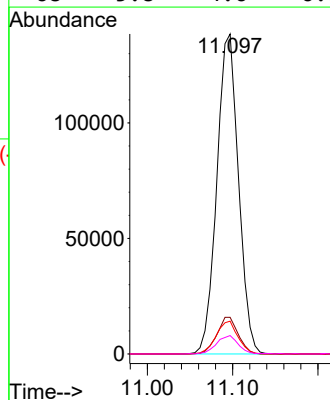
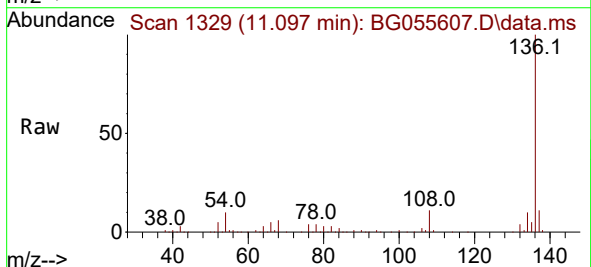
Instrument :
BNA_G
ClientSampleId :
RBR251374

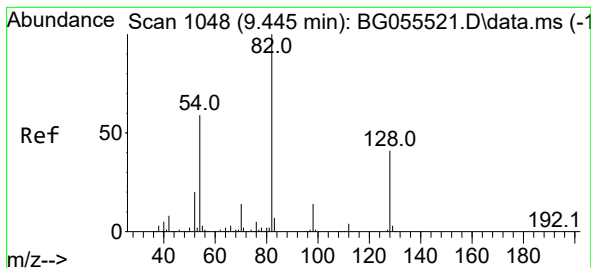
Tgt Ion: 99 Resp: 595126
Ion Ratio Lower Upper
99 100
42 24.0 17.5 26.3
71 38.0 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 1329
Delta R.T. -0.005 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

Tgt Ion: 136 Resp: 244325
Ion Ratio Lower Upper
136 100
137 11.5 8.6 12.8
54 10.2 8.6 12.8
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 105.807 ng

RT: 9.434 min Scan# 1046

Delta R.T. -0.011 min

Lab File: BG055607.D

Acq: 14 Nov 2022 16:42

Instrument :

BNA_G

ClientSampleId :

RBR251374

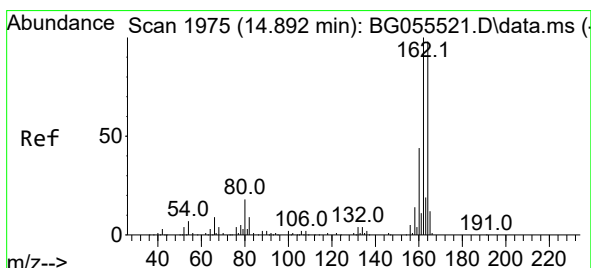
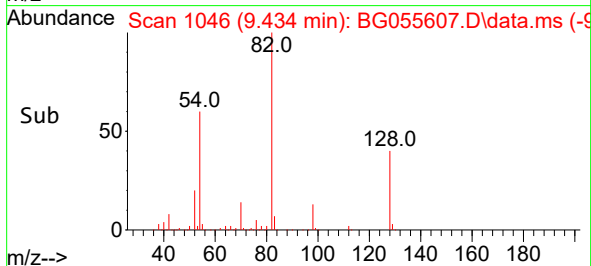
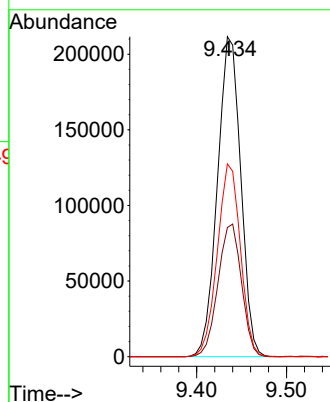
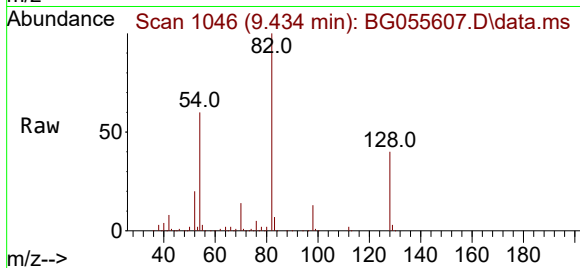
Tgt Ion: 82 Resp: 381335

Ion Ratio Lower Upper

82 100

128 40.4 32.6 49.0

54 60.3 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.887 min Scan# 1974

Delta R.T. -0.005 min

Lab File: BG055607.D

Acq: 14 Nov 2022 16:42

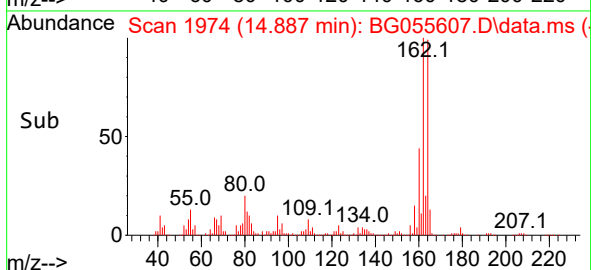
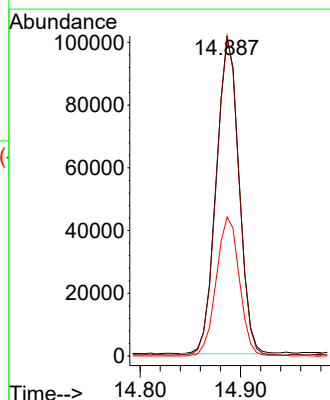
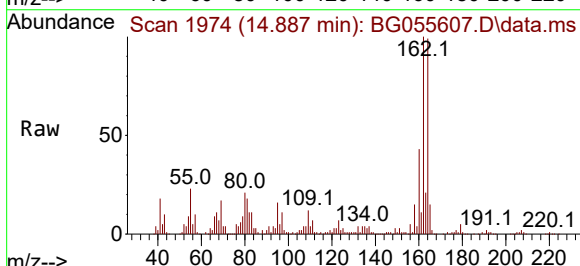
Tgt Ion: 164 Resp: 158436

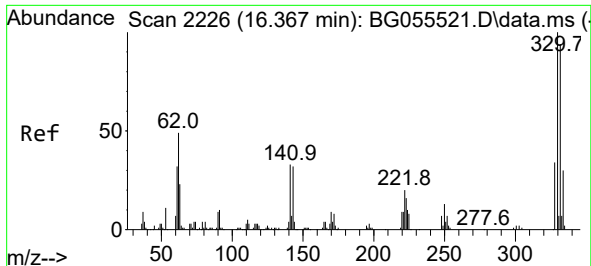
Ion Ratio Lower Upper

164 100

162 100.8 81.3 121.9

160 43.8 35.9 53.9

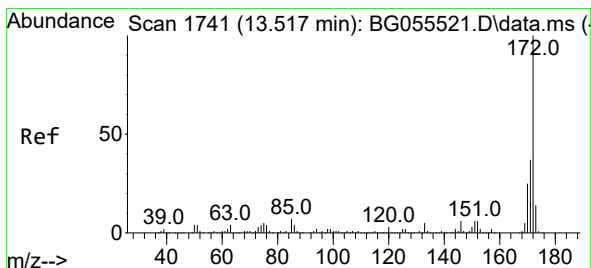
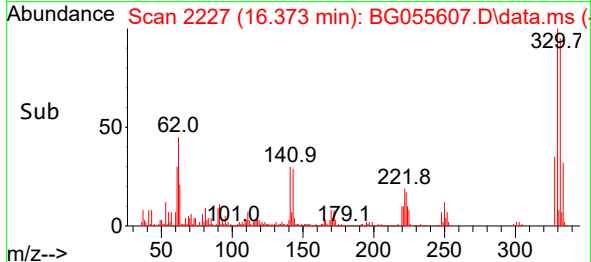
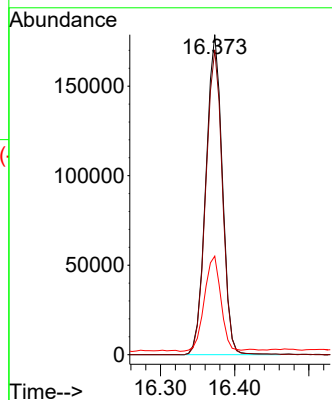
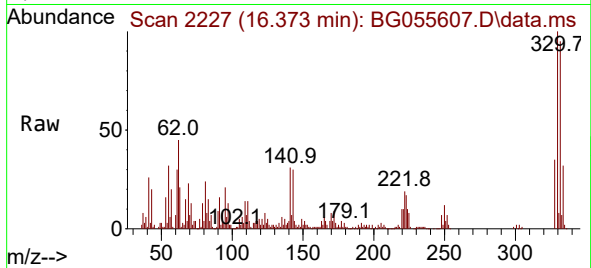




#42
2,4,6-Tribromophenol
Concen: 178.209 ng
RT: 16.373 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

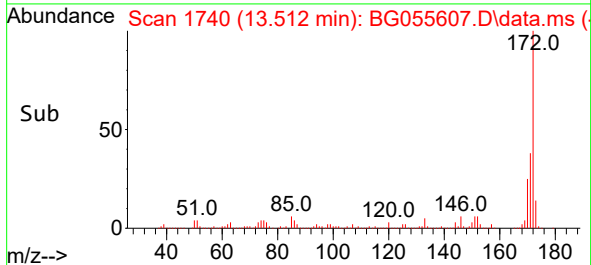
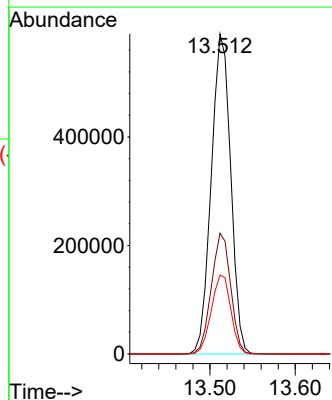
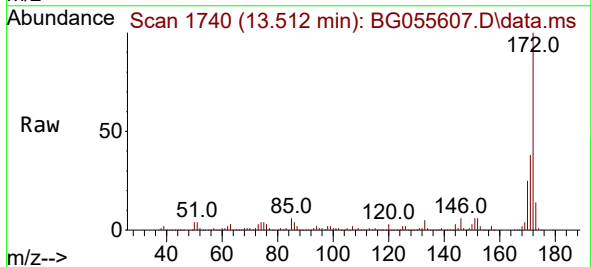
Instrument :
BNA_G
ClientSampleId :
RBR251374

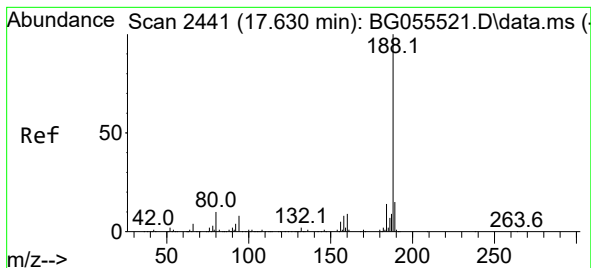
Tgt Ion:330 Resp: 275488
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.2
141 30.0 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 89.092 ng
RT: 13.512 min Scan# 1740
Delta R.T. -0.005 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

Tgt Ion:172 Resp: 935791
Ion Ratio Lower Upper
172 100
171 37.7 29.7 44.5
170 24.7 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: BG055607.D

Acq: 14 Nov 2022 16:42

Instrument :

BNA_G

ClientSampleId :

RBR251374

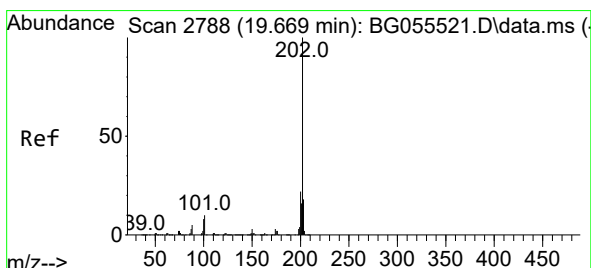
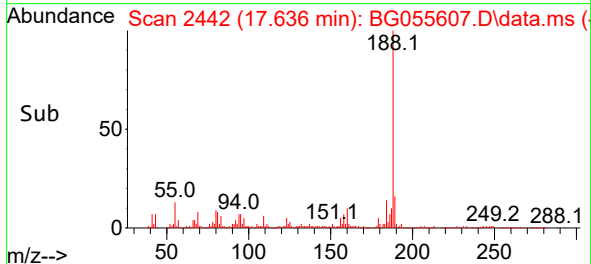
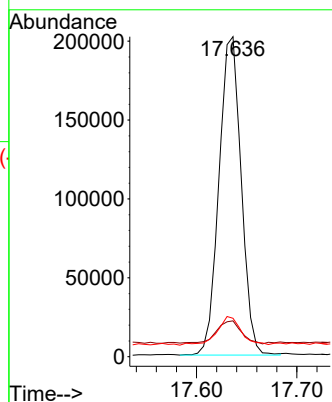
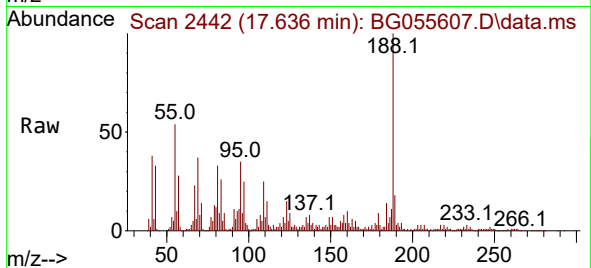
Tgt Ion:188 Resp: 310105

Ion Ratio Lower Upper

188 100

94 11.2 6.4 9.6#

80 12.0 7.6 11.4#



#75

Fluoranthene

Concen: 2.941 ng

RT: 19.675 min Scan# 2789

Delta R.T. 0.006 min

Lab File: BG055607.D

Acq: 14 Nov 2022 16:42

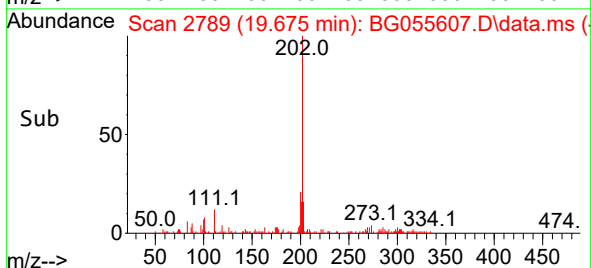
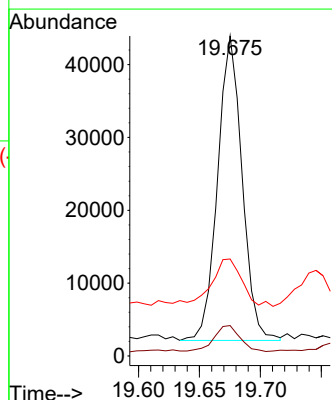
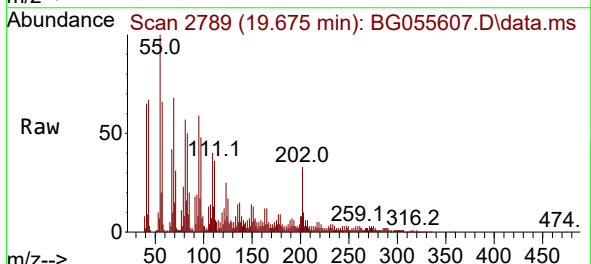
Tgt Ion:202 Resp: 58449

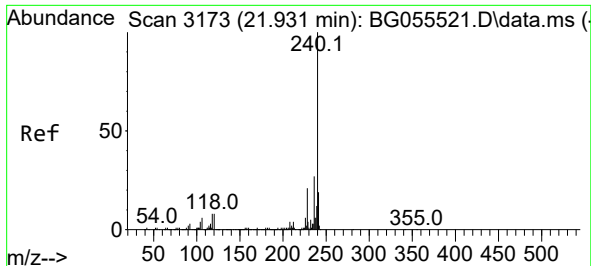
Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.8

203 30.3 0.0 38.2

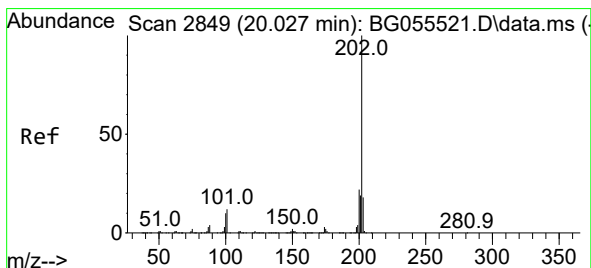
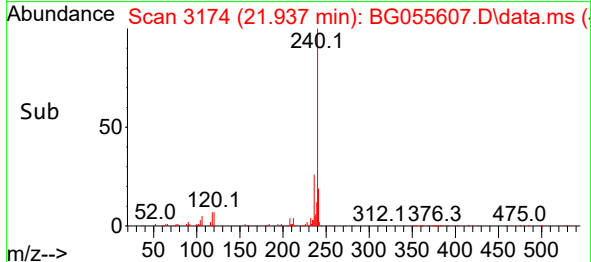
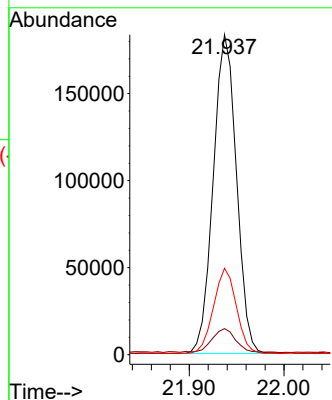
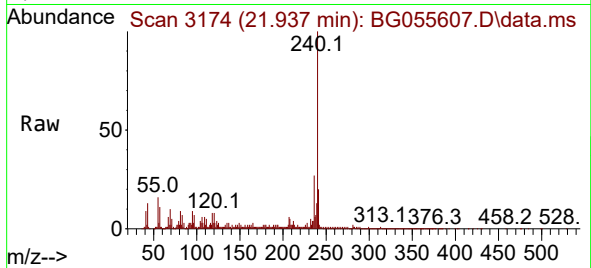




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.937 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

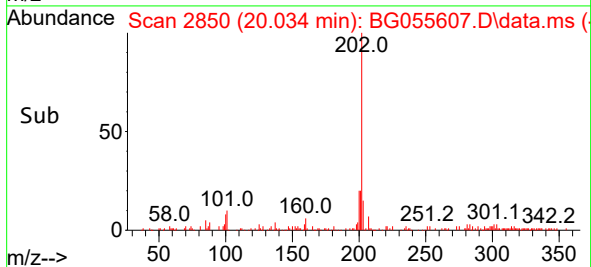
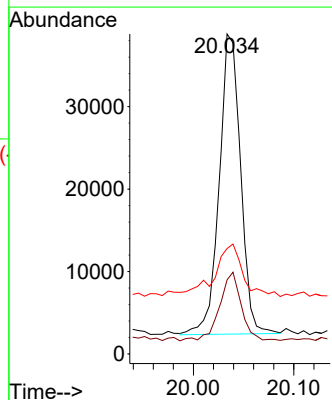
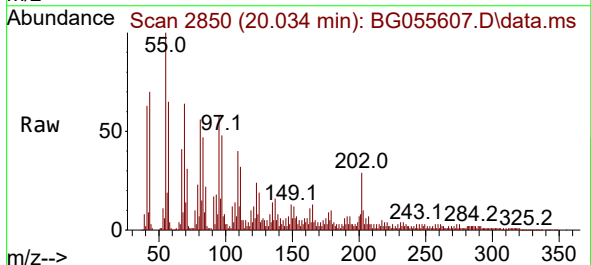
Instrument :
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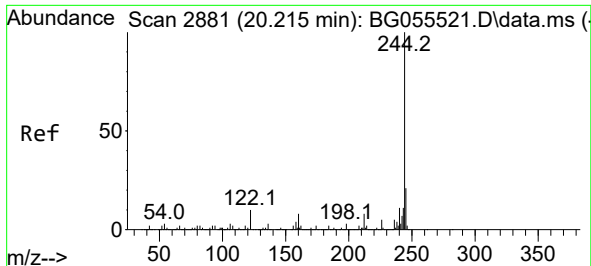
Tgt Ion:240 Resp: 311505
Ion Ratio Lower Upper
240 100
120 8.2 6.1 9.1
236 27.0 21.4 32.0



#78
Pyrene
Concen: 2.553 ng
RT: 20.034 min Scan# 2850
Delta R.T. 0.007 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

Tgt Ion:202 Resp: 53813
Ion Ratio Lower Upper
202 100
200 23.2 18.0 27.0
203 33.0 14.2 21.2#

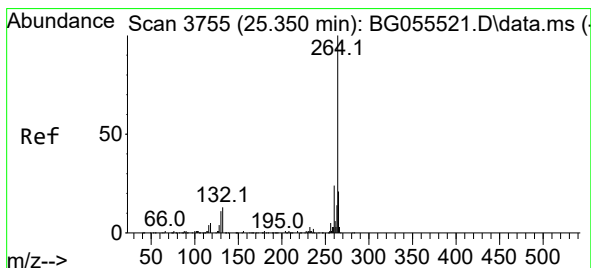
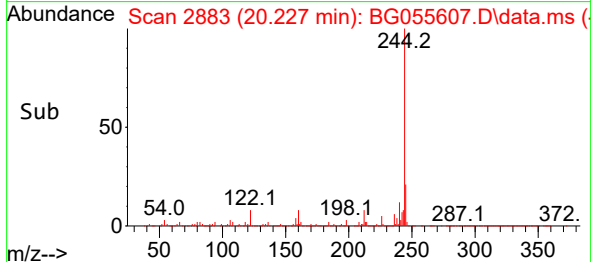
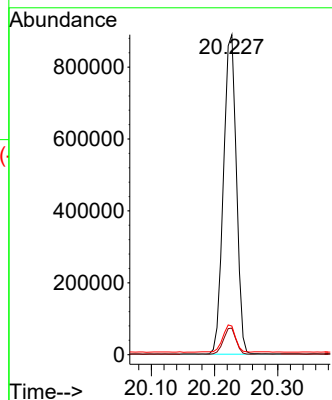
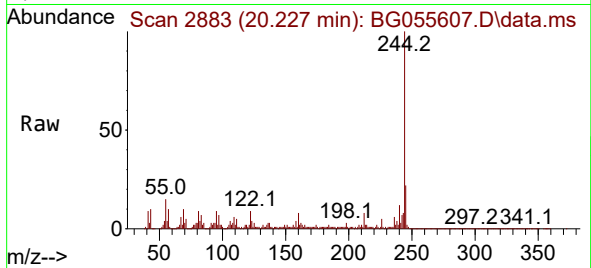




#79
 Terphenyl-d14
 Concen: 81.230 ng
 RT: 20.227 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BG055607.D
 Acq: 14 Nov 2022 16:42

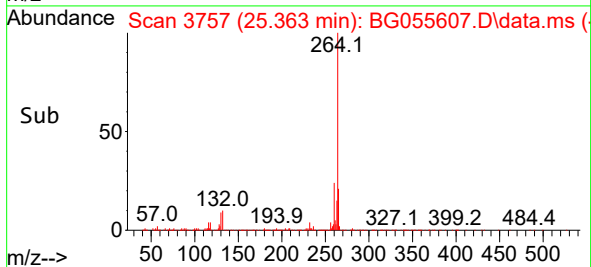
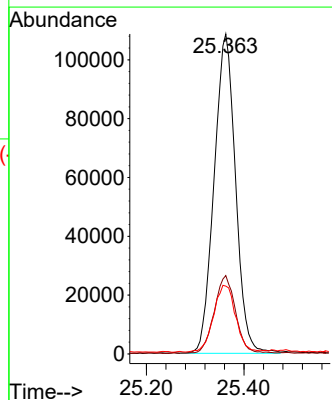
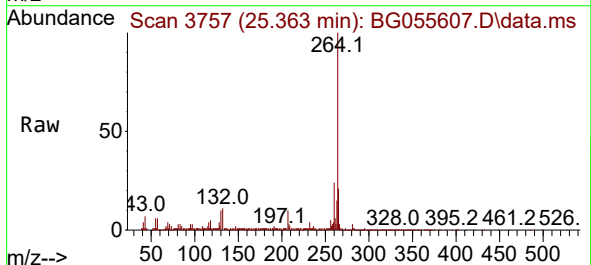
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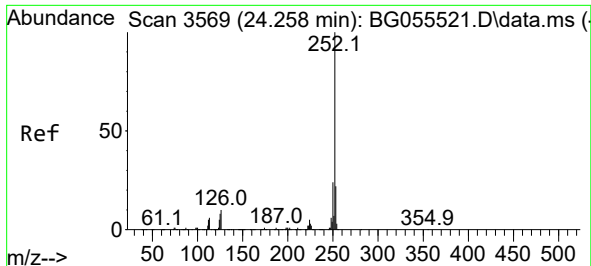
Tgt Ion:244 Resp: 1259781
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 9.0 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.363 min Scan# 3757
 Delta R.T. 0.013 min
 Lab File: BG055607.D
 Acq: 14 Nov 2022 16:42

Tgt Ion:264 Resp: 331269
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.2 17.1 25.7

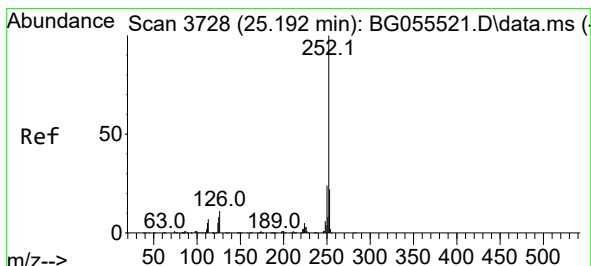
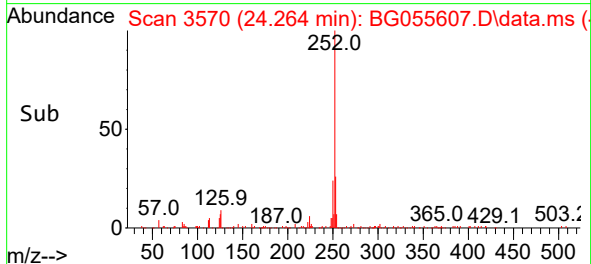
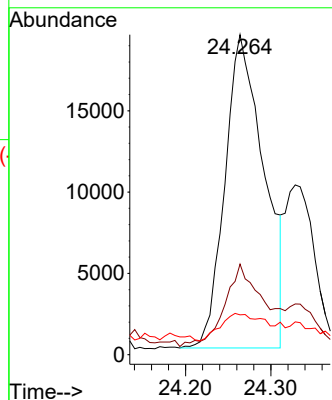
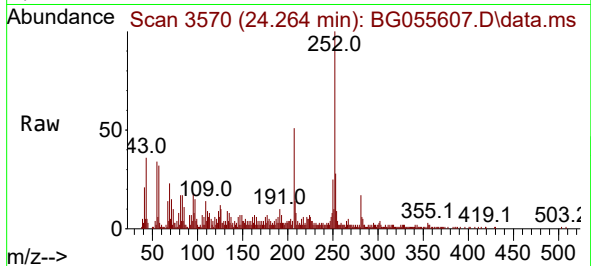




#88
Benzo(b)fluoranthene
Concen: 2.930 ng
RT: 24.264 min Scan# 3570
Delta R.T. 0.006 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

Instrument :
BNA_G
ClientSampleId :
RBR251374

Tgt Ion:252 Resp: 61490
Ion Ratio Lower Upper
252 100
253 28.3 17.9 26.9#
125 12.5 6.7 10.1#



#90
Benzo(a)pyrene
Concen: 2.214 ng
RT: 25.192 min Scan# 3728
Delta R.T. 0.000 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

Tgt Ion:252 Resp: 40039
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.6
125 12.4 6.7 10.1#

