

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052822\
 Data File : BG053755.D
 Acq On : 28 May 2022 17:51
 Operator : CG/JU
 Sample : N3041-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2147

Quant Time: May 29 02:20:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 29 02:17:06 2022
 Response via : Initial Calibration

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

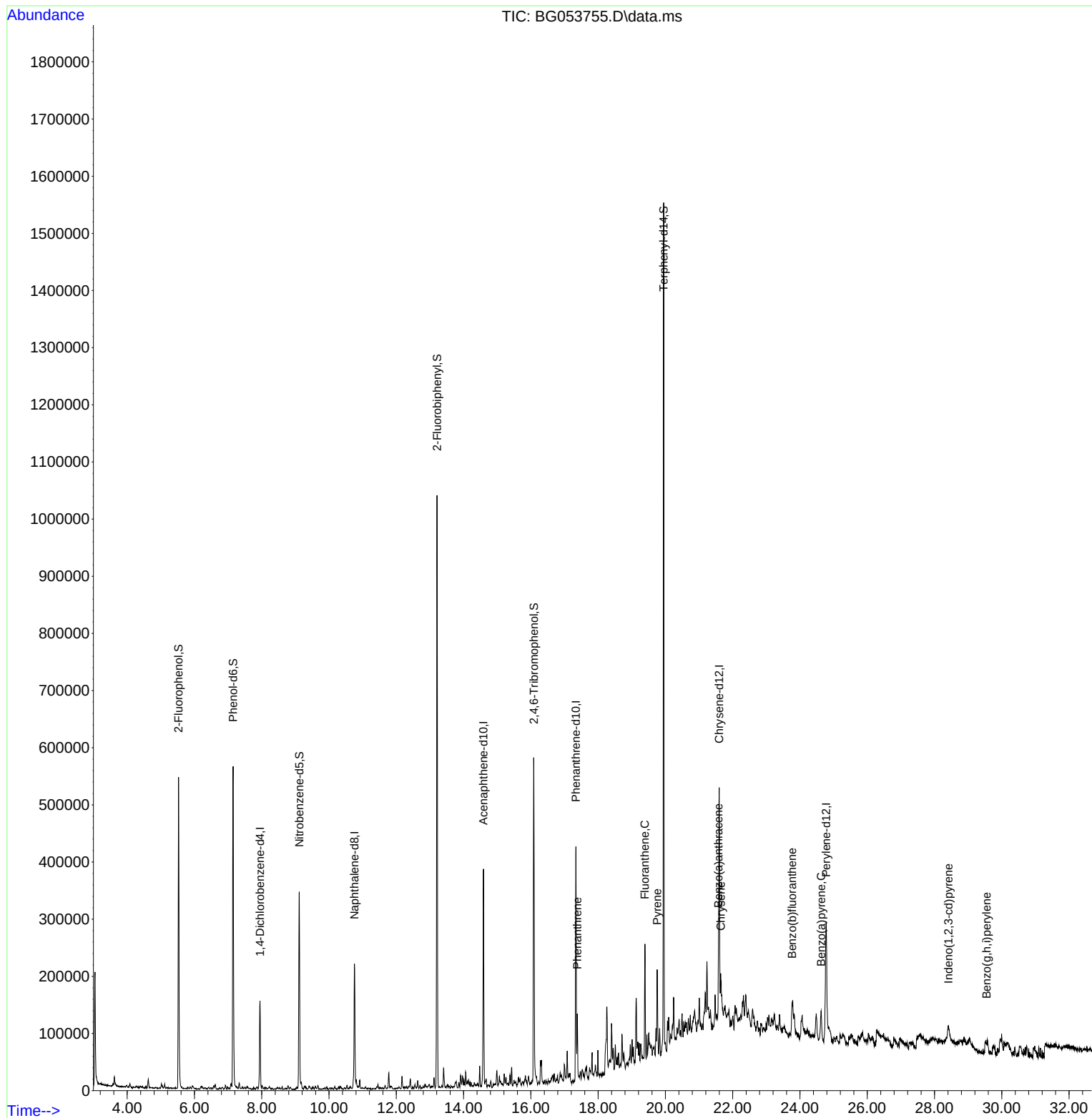
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	42560	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	175605	20.000	ng	# 0.00
39) Acenaphthene-d10	14.591	164	131499	20.000	ng	0.00
64) Phenanthrene-d10	17.340	188	256166	20.000	ng	0.00
76) Chrysene-d12	21.599	240	221654	20.000	ng	#-0.01
86) Perylene-d12	24.777	264	228290	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	234781	93.622	ng	0.00
7) Phenol-d6	7.148	99	346795	91.120	ng	0.00
23) Nitrobenzene-d5	9.116	82	231742	56.177	ng	0.00
42) 2,4,6-Tribromophenol	16.089	330	123499	63.677	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	543254	60.369	ng	0.00
79) Terphenyl-d14	19.949	244	704471	59.194	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.381	178	74565	5.725	ng	97
75) Fluoranthene	19.390	202	112764	6.686	ng	95
78) Pyrene	19.755	202	96375	6.717	ng	97
81) Benzo(a)anthracene	21.576	228	55981	3.960	ng	# 90
83) Chrysene	21.646	228	76845	5.820	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.414	276	41994	2.641	ng	# 93
88) Benzo(b)fluoranthene	23.767	252	79023	5.848	ng	# 97
90) Benzo(a)pyrene	24.630	252	51919	4.514	ng	# 97
92) Benzo(g,h,i)perylene	29.547	276	37027	2.851	ng	# 90

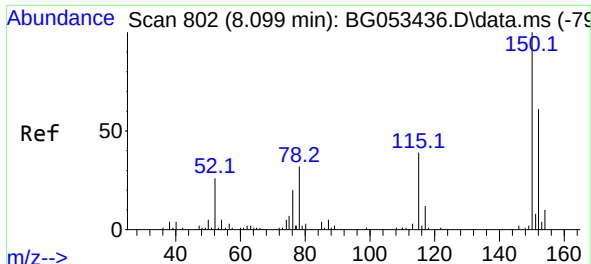
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052822\
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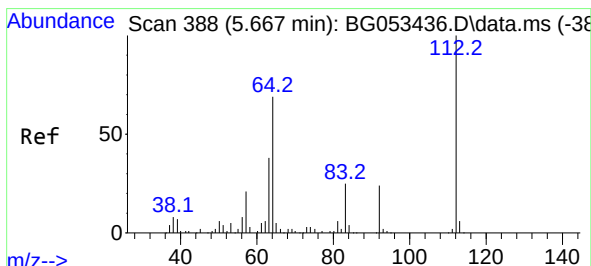
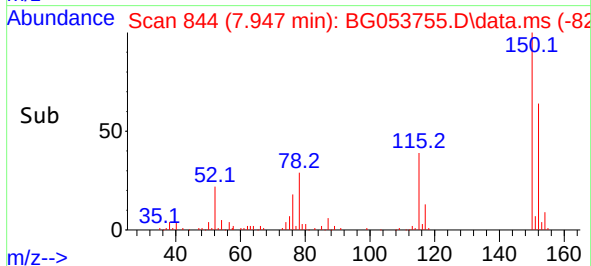
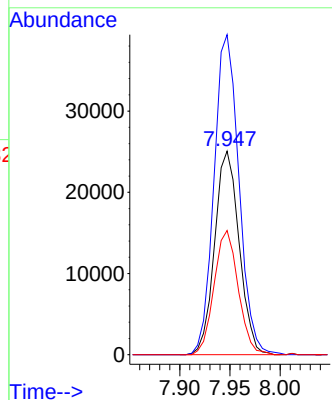
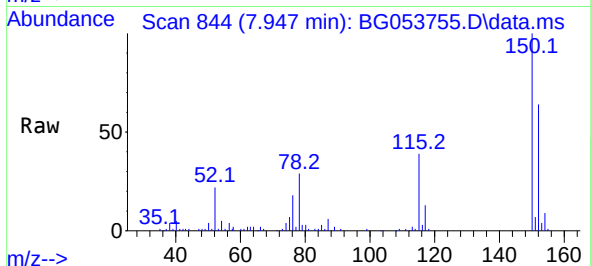




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.947 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG053755.D
Acq: 28 May 2022 17:51

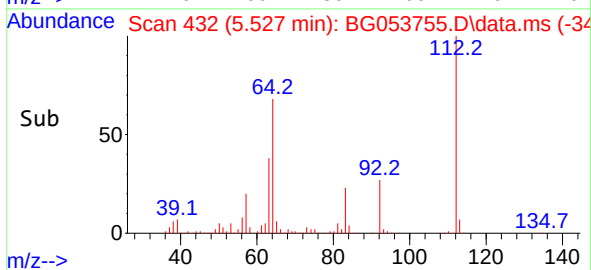
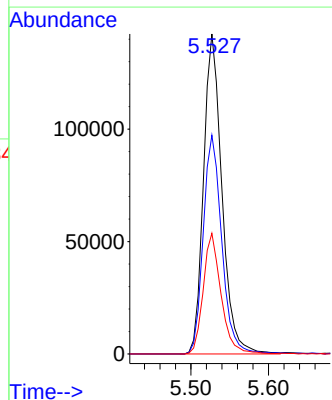
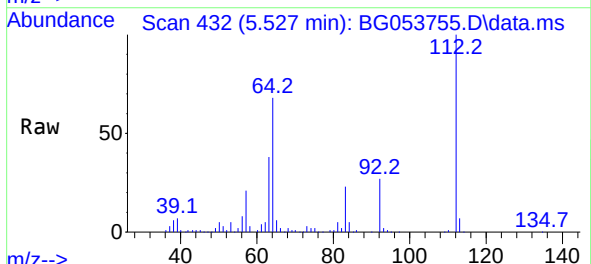
Instrument :
BNA_G
ClientSampleId :
2147

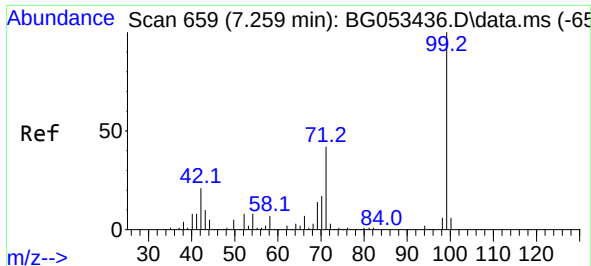
Tgt Ion:152 Resp: 42560
Ion Ratio Lower Upper
152 100
150 157.2 131.6 197.4
115 61.0 50.9 76.3



#5
2-Fluorophenol
Concen: 93.622 ng
RT: 5.527 min Scan# 432
Delta R.T. 0.002 min
Lab File: BG053755.D
Acq: 28 May 2022 17:51

Tgt Ion:112 Resp: 234781
Ion Ratio Lower Upper
112 100
64 68.3 55.1 82.7
63 37.7 30.4 45.6

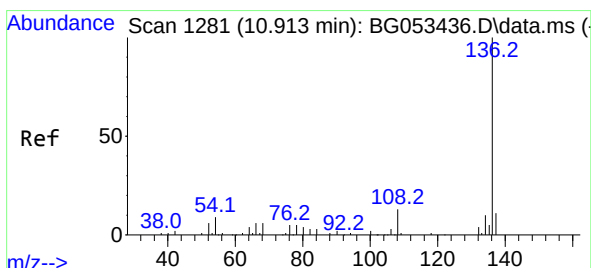
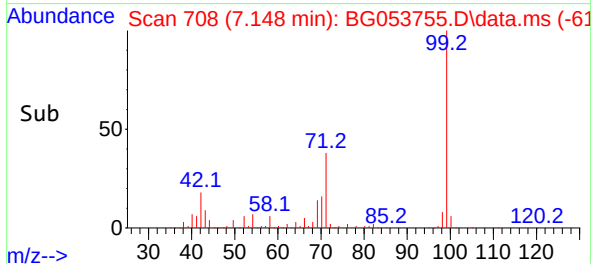
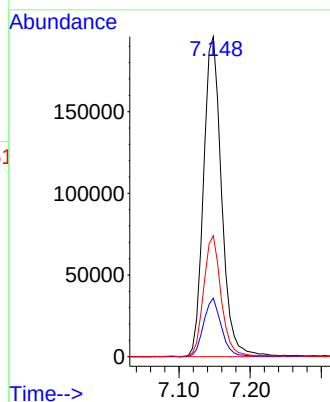
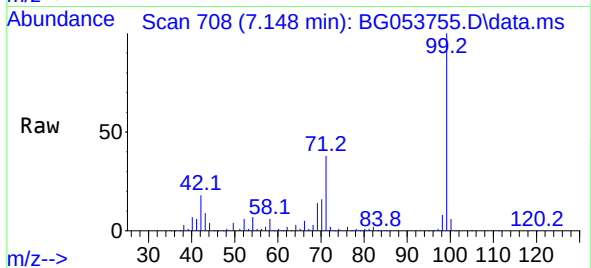




#7
Phenol-d6
Concen: 91.120 ng
RT: 7.148 min Scan# 70
Delta R.T. -0.004 min
Lab File: BG053755.D
Acq: 28 May 2022 17:51

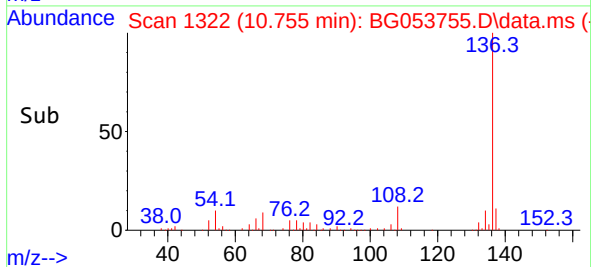
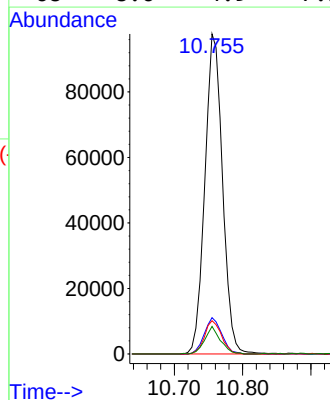
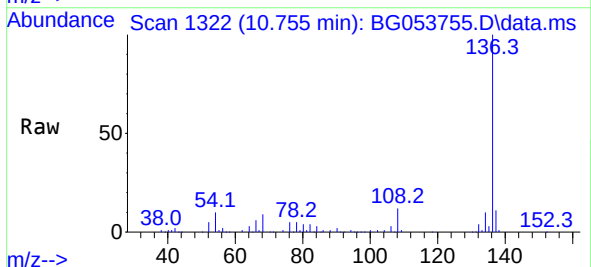
Instrument :
BNA_G
ClientSampleId :
2147

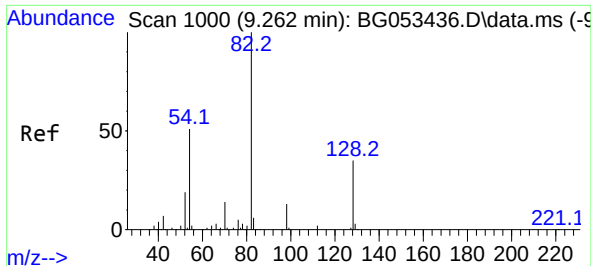
Tgt Ion: 99 Resp: 346795
Ion Ratio Lower Upper
99 100
42 18.3 17.0 25.6
71 37.8 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 1322
Delta R.T. -0.004 min
Lab File: BG053755.D
Acq: 28 May 2022 17:51

Tgt Ion: 136 Resp: 175605
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 10.4 7.4 11.2
68 8.6 4.9 7.3

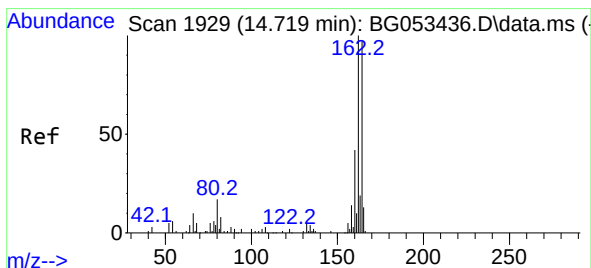
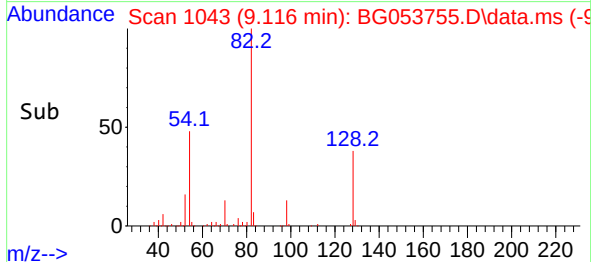
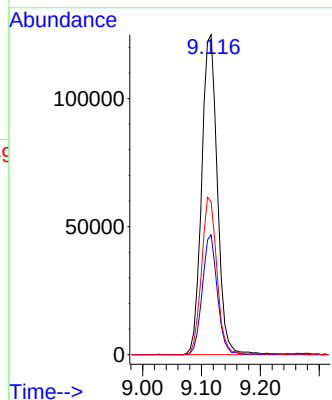
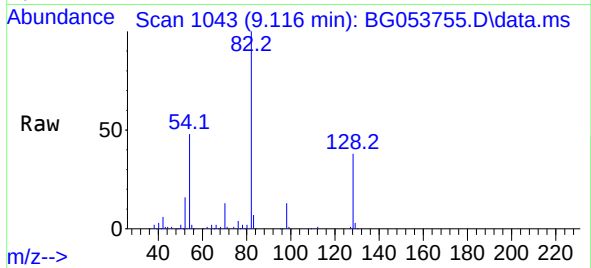




#23
Nitrobenzene-d5
Concen: 56.177 ng
RT: 9.116 min Scan# 10
Delta R.T. -0.004 min
Lab File: BG053755.D
Acq: 28 May 2022 17:51

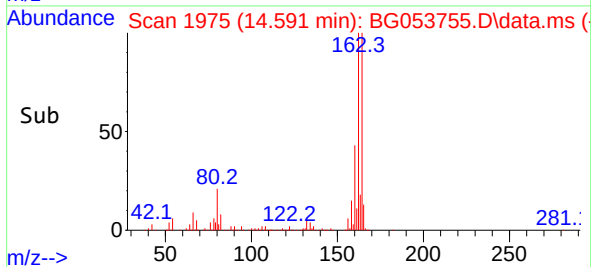
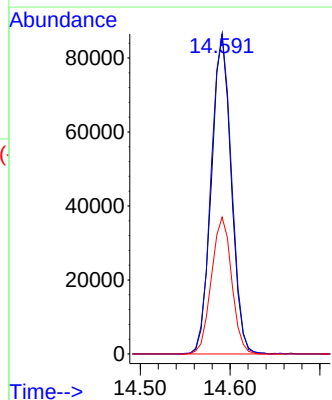
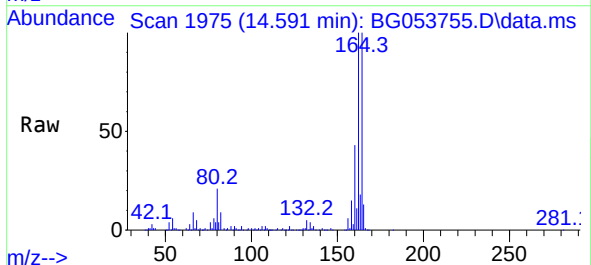
Instrument :
BNA_G
ClientSampleId :
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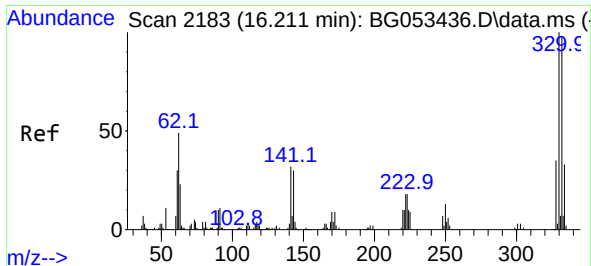
Tgt Ion: 82 Resp: 231742
Ion Ratio Lower Upper
82 100
128 37.5 27.9 41.9
54 47.8 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.591 min Scan# 1975
Delta R.T. -0.004 min
Lab File: BG053755.D
Acq: 28 May 2022 17:51

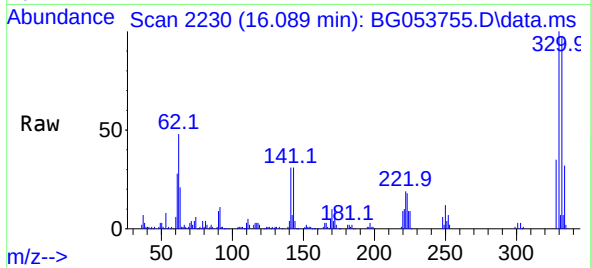
Tgt Ion:164 Resp: 131499
Ion Ratio Lower Upper
164 100
162 100.3 82.3 123.5
160 42.9 34.2 51.2



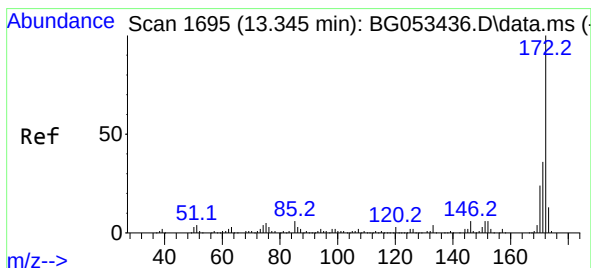
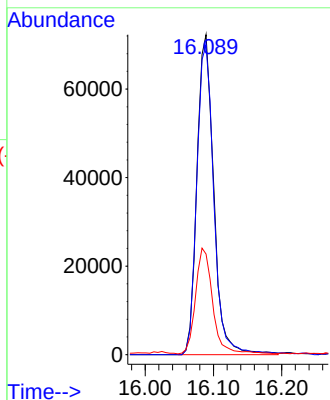
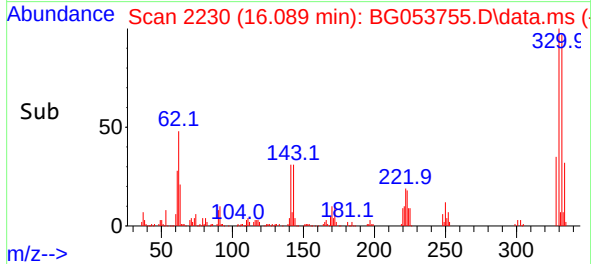


#42
2,4,6-Tribromophenol
Concen: 63.677 ng
RT: 16.089 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG053755.D
Acq: 28 May 2022 17:51

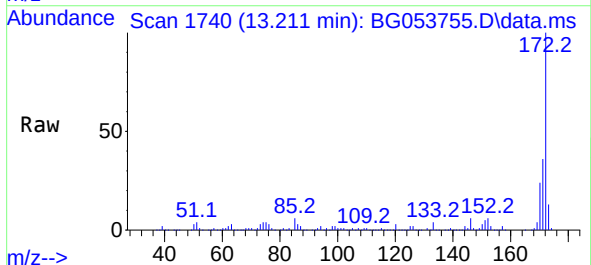
Instrument :
BNA_G
ClientSampleId :
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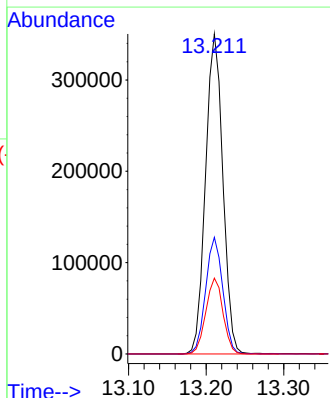
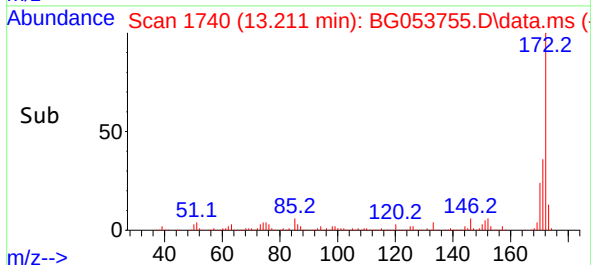
Tgt Ion:330 Resp: 123499
Ion Ratio Lower Upper
330 100
332 98.3 76.0 114.0
141 33.8 27.1 40.7

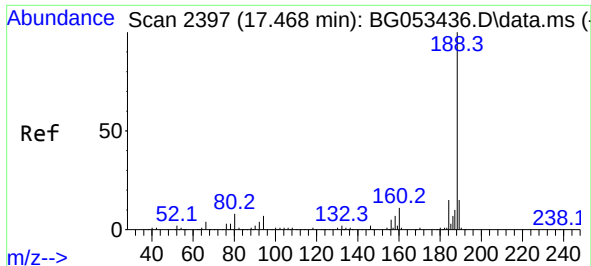


#45
2-Fluorobiphenyl
Concen: 60.369 ng
RT: 13.211 min Scan# 1740
Delta R.T. -0.004 min
Lab File: BG053755.D
Acq: 28 May 2022 17:51



Tgt Ion:172 Resp: 543254
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 23.7 18.9 28.3

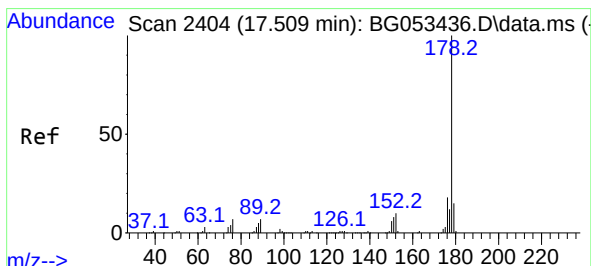
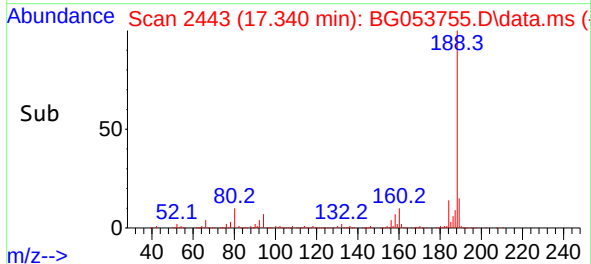
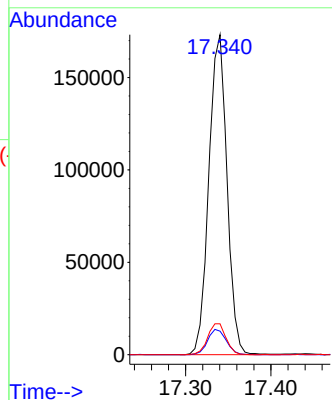
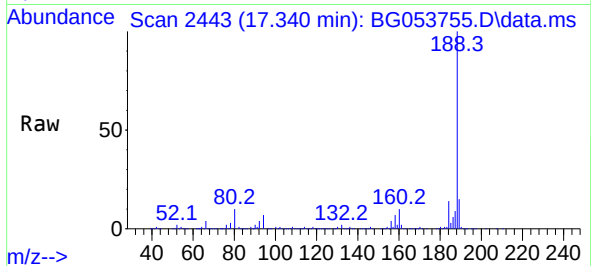




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.340 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG053755.D
Acq: 28 May 2022 17:51

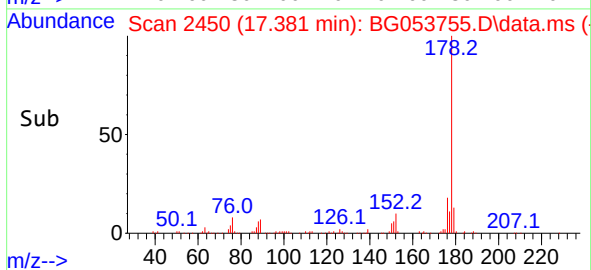
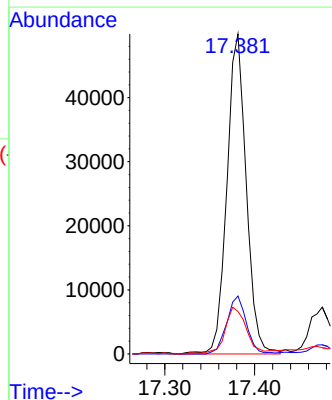
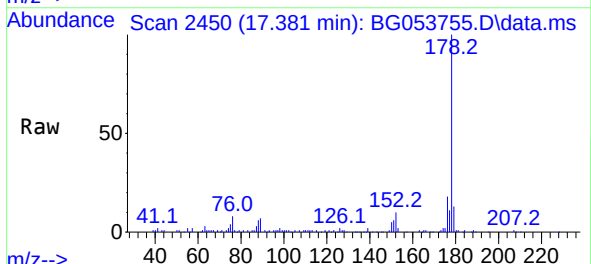
Instrument :
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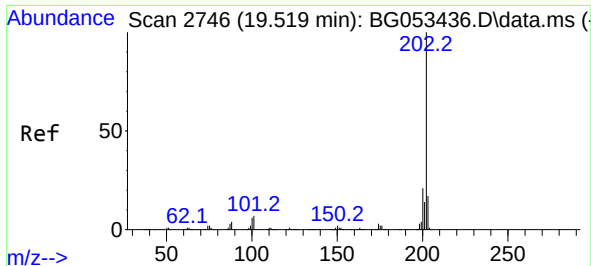
Tgt Ion:188 Resp: 256166
Ion Ratio Lower Upper
188 100
94 7.4 5.4 8.0
80 9.6 6.8 10.2



#71
Phenanthrene
Concen: 5.725 ng
RT: 17.381 min Scan# 2450
Delta R.T. -0.004 min
Lab File: BG053755.D
Acq: 28 May 2022 17:51

Tgt Ion:178 Resp: 74565
Ion Ratio Lower Upper
178 100
176 18.1 14.1 21.1
179 13.3 12.1 18.1

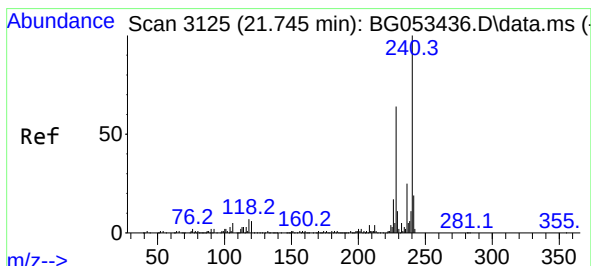
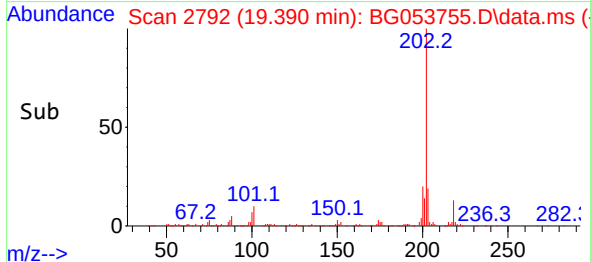
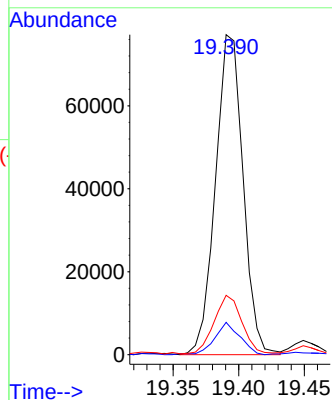
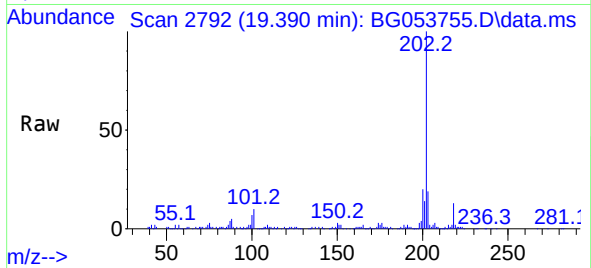




#75
Fluoranthene
Concen: 6.686 ng
RT: 19.390 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG053755.D
Acq: 28 May 2022 17:51

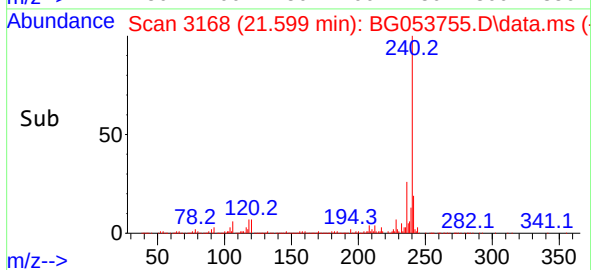
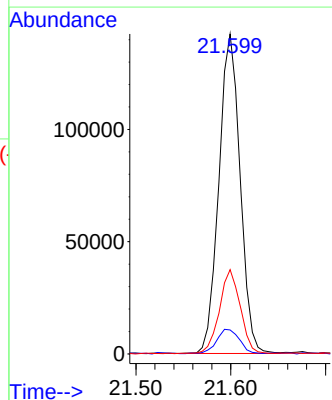
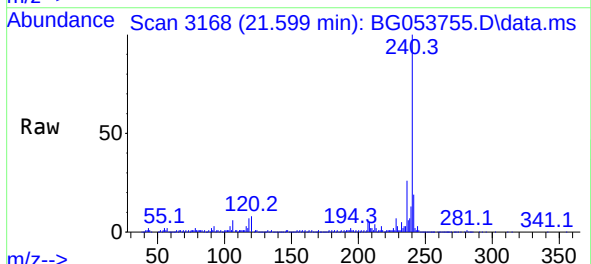
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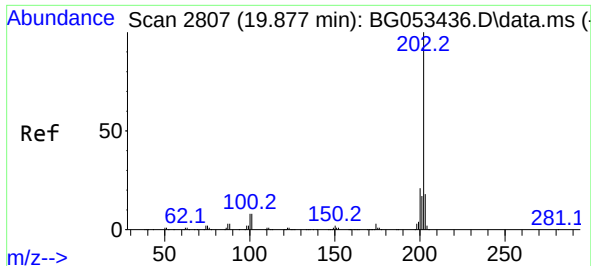
Tgt Ion:202 Resp: 112764
Ion Ratio Lower Upper
202 100
101 10.1 0.0 26.9
203 18.5 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.599 min Scan# 3168
Delta R.T. -0.010 min
Lab File: BG053755.D
Acq: 28 May 2022 17:51

Tgt Ion:240 Resp: 221654
Ion Ratio Lower Upper
240 100
120 7.5 4.6 7.0#
236 26.4 20.2 30.4

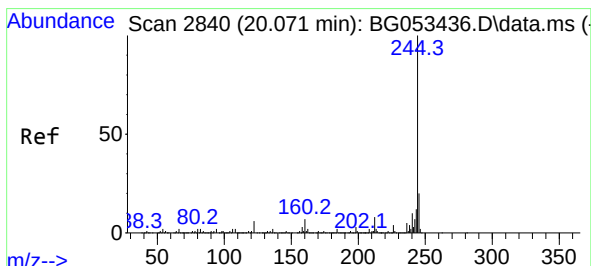
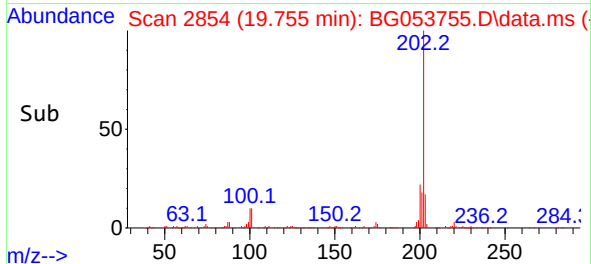
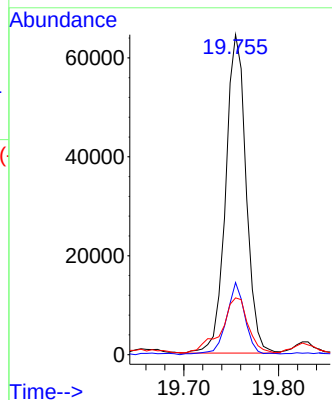
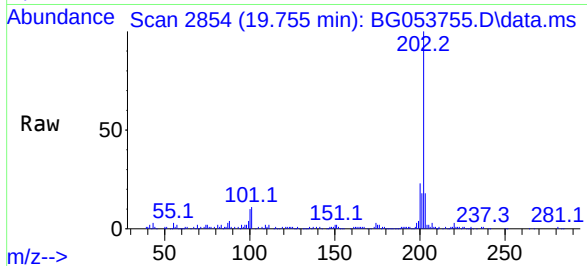




#78
Pyrene
Concen: 6.717 ng
RT: 19.755 min Scan# 2147
Delta R.T. -0.004 min
Lab File: BG053755.D
Acq: 28 May 2022 17:51

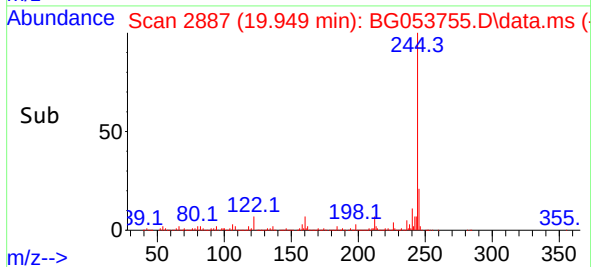
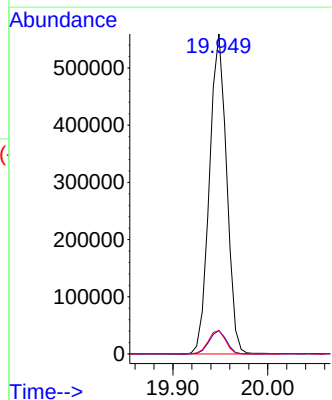
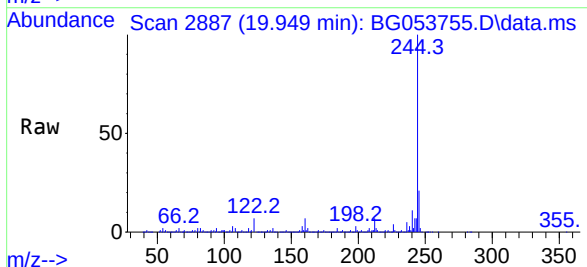
Instrument :
BNA_G
ClientSampleId :
2147

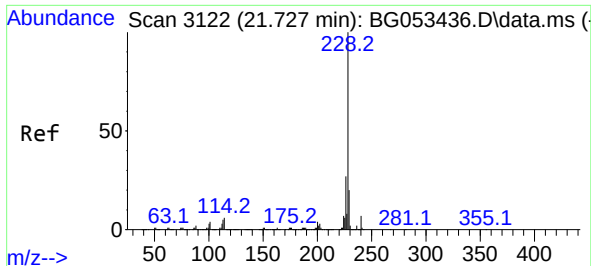
Tgt Ion:202 Resp: 96375
Ion Ratio Lower Upper
202 100
200 22.5 16.6 24.8
203 17.7 14.6 21.8



#79
Terphenyl-d14
Concen: 59.194 ng
RT: 19.949 min Scan# 2887
Delta R.T. -0.004 min
Lab File: BG053755.D
Acq: 28 May 2022 17:51

Tgt Ion:244 Resp: 704471
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 7.3 5.0 7.4

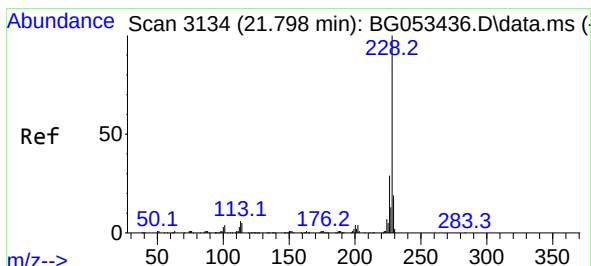
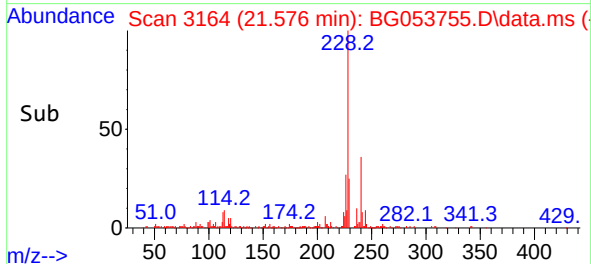
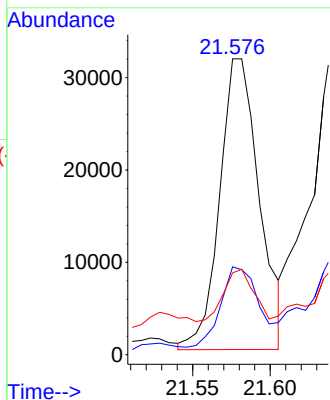
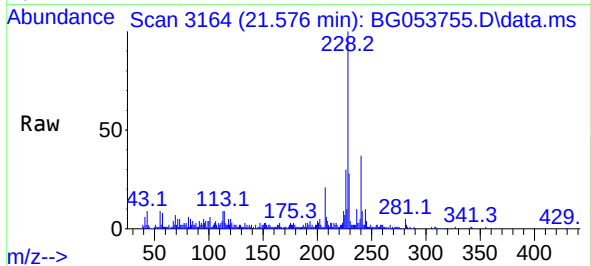




#81
Benzo(a)anthracene
Concen: 3.960 ng
RT: 21.576 min Scan# 3122
Delta R.T. -0.010 min
Lab File: BG053755.D
Acq: 28 May 2022 17:51

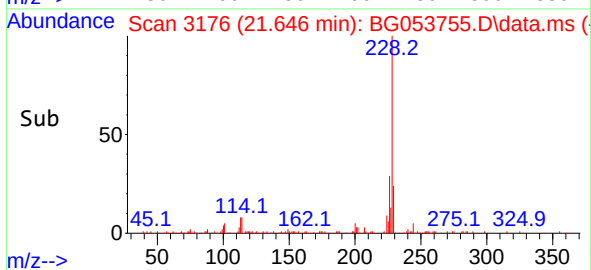
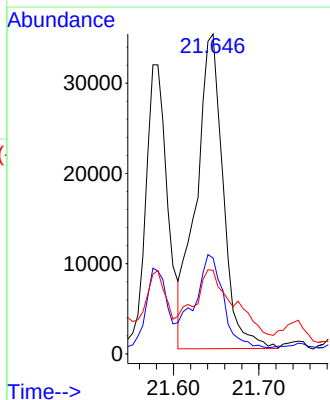
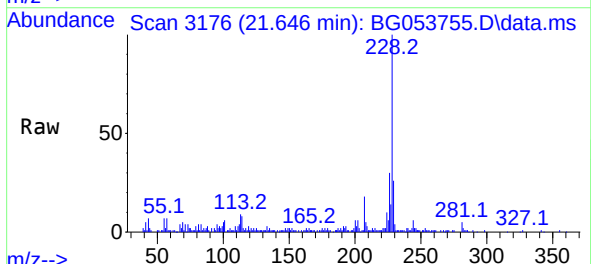
Instrument :
BNA_G
ClientSampleId :
2147

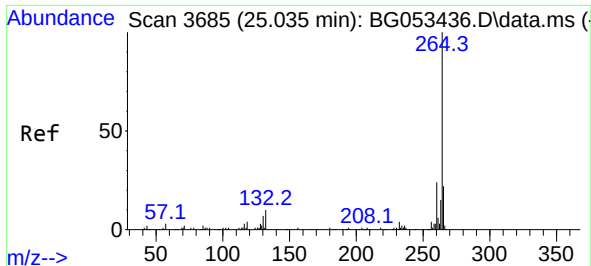
Tgt Ion:228 Resp: 55981
Ion Ratio Lower Upper
228 100
226 29.7 21.6 32.4
229 27.6 16.2 24.2#



#83
Chrysene
Concen: 5.820 ng
RT: 21.646 min Scan# 3176
Delta R.T. -0.004 min
Lab File: BG053755.D
Acq: 28 May 2022 17:51

Tgt Ion:228 Resp: 76845
Ion Ratio Lower Upper
228 100
226 30.0 23.4 35.2
229 26.2 15.5 23.3#

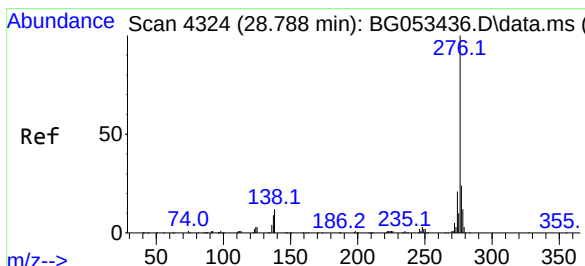
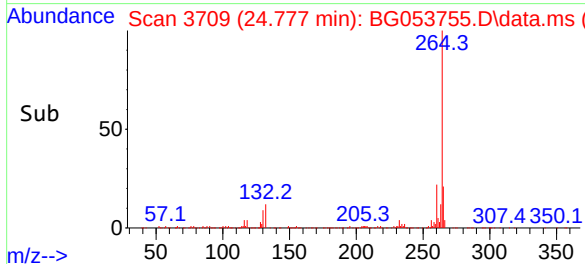
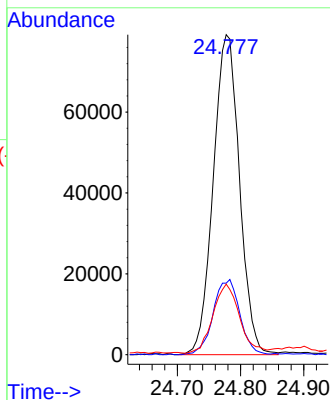
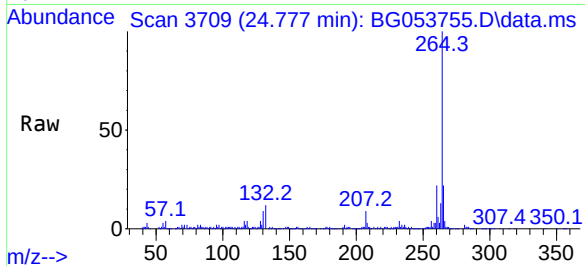




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.777 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG053755.D
Acq: 28 May 2022 17:51

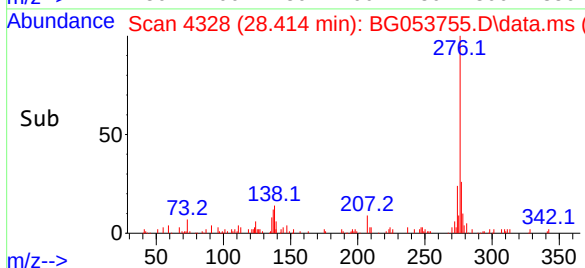
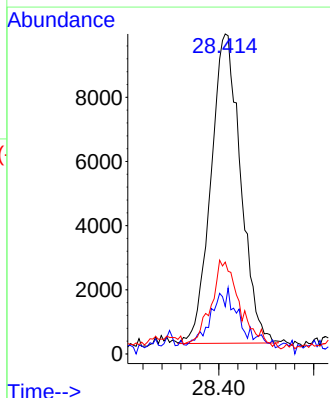
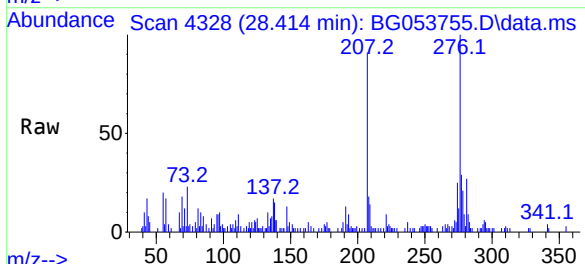
Instrument :
BNA_G
ClientSampleId :
2147

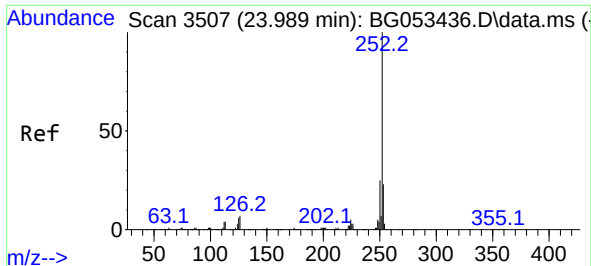
Tgt Ion:264 Resp: 228290
Ion Ratio Lower Upper
264 100
260 22.4 19.0 28.6
265 22.1 17.4 26.2



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.641 ng
RT: 28.414 min Scan# 4328
Delta R.T. -0.022 min
Lab File: BG053755.D
Acq: 28 May 2022 17:51

Tgt Ion:276 Resp: 41994
Ion Ratio Lower Upper
276 100
138 8.7 5.0 7.4#
277 29.1 20.3 30.5

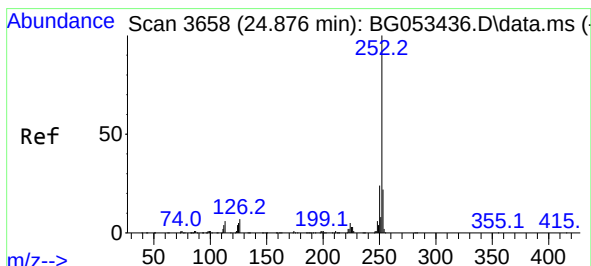
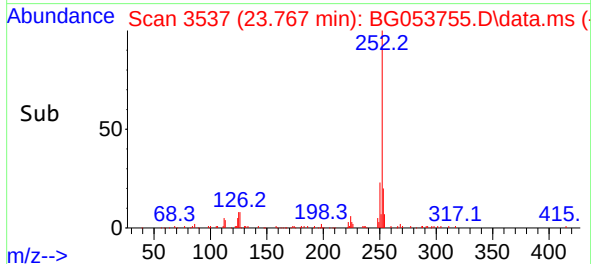
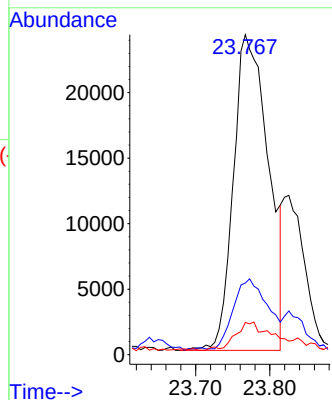
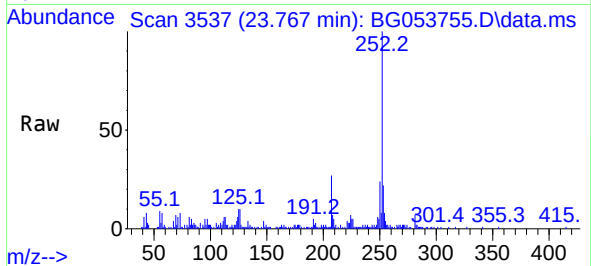




#88
Benzo(b)fluoranthene
Concen: 5.848 ng
RT: 23.767 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG053755.D
Acq: 28 May 2022 17:51

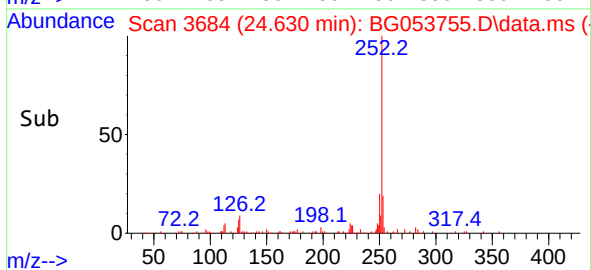
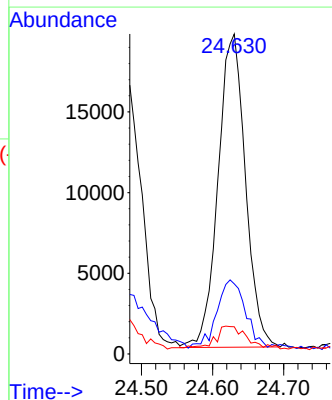
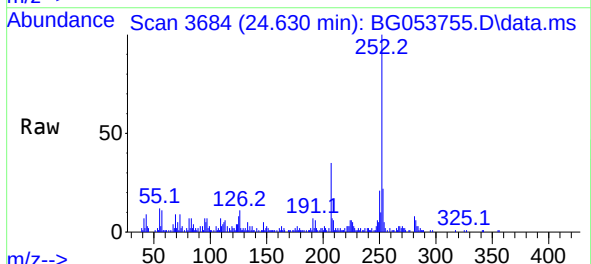
Instrument :
BNA_G
ClientSampleId :
2147

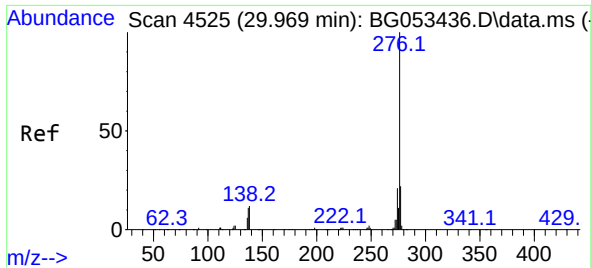
Tgt Ion:252 Resp: 79023
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 10.1 4.6 6.8#



#90
Benzo(a)pyrene
Concen: 4.514 ng
RT: 24.630 min Scan# 3684
Delta R.T. -0.010 min
Lab File: BG053755.D
Acq: 28 May 2022 17:51

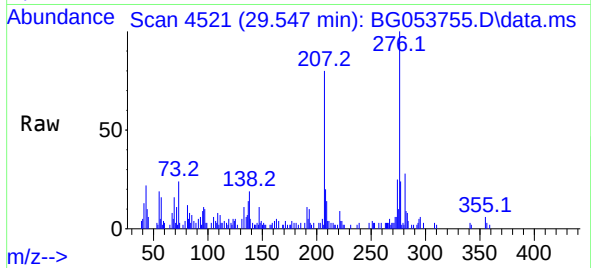
Tgt Ion:252 Resp: 51919
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.5 4.3 6.5#





#92
 Benzo(g,h,i)perylene
 Concen: 2.851 ng
 RT: 29.547 min Scan# 41
 Delta R.T. -0.022 min
 Lab File: BG053755.D
 Acq: 28 May 2022 17:51

Instrument :
 BNA_G
 ClientSampleId :
 2147



Tgt Ion:	276	Resp:	37027
Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.3	25.9
138	19.2	9.6	14.4#

