

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040221\
 Data File : BG048577.D
 Acq On : 2 Apr 2021 20:39
 Operator : CG/JU
 Sample : M1883-03DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 V-211DL

Quant Time: Apr 02 23:59:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 02 10:20:56 2021
 Response via : Initial Calibration

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

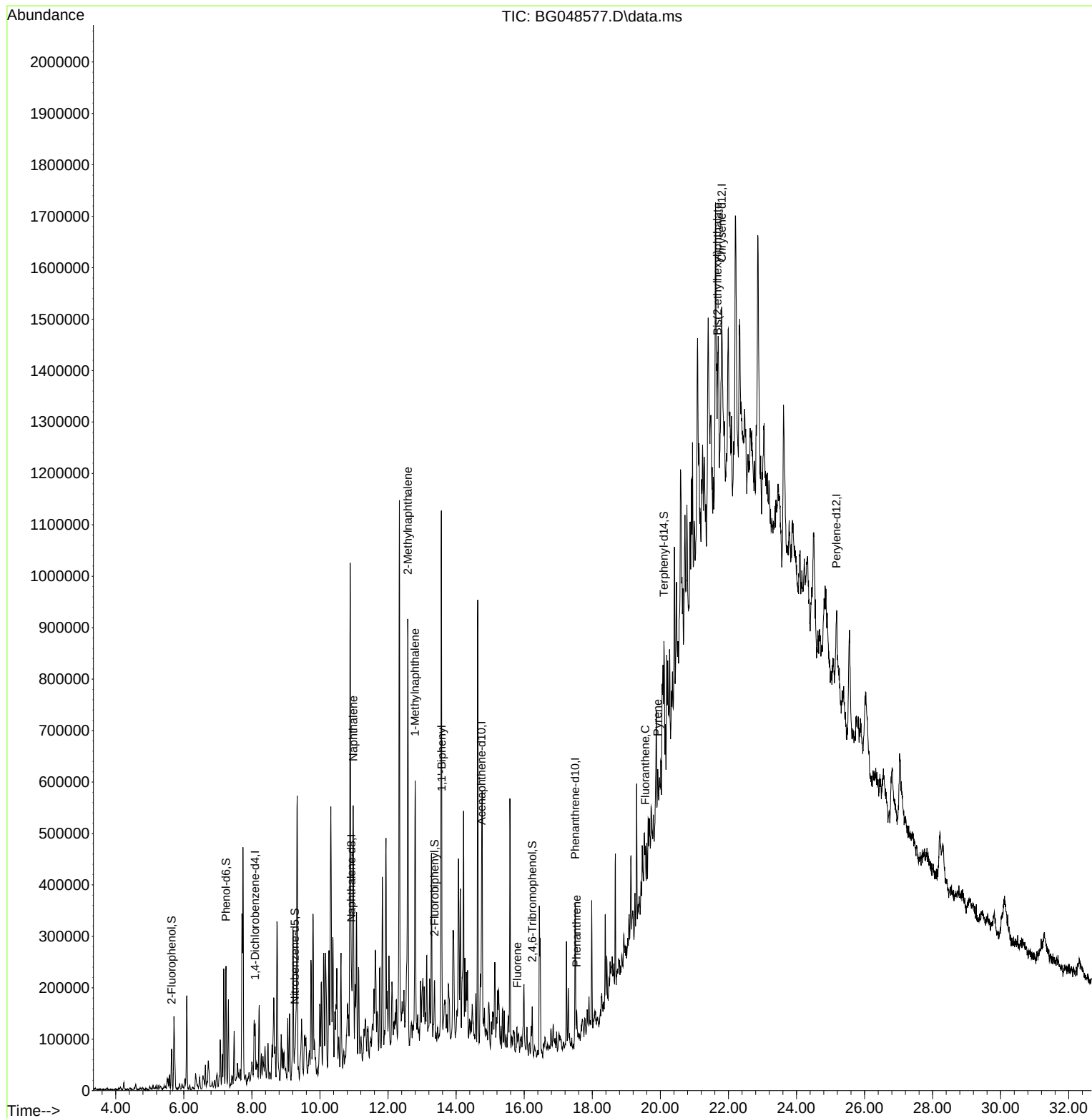
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	29722	20.00	ng	# 0.00
21) Naphthalene-d8	10.923	136	115989	20.00	ng	# 0.00
39) Acenaphthene-d10	14.748	164	79187	20.00	ng	0.00
64) Phenanthrene-d10	17.504	188	166564	20.00	ng	# 0.00
76) Chrysene-d12	21.805	240	161947	20.00	ng	# 0.00
86) Perylene-d12	25.177	264	161992	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	23475	13.94	ng	0.00
7) Phenol-d6	7.239	99	31610	12.95	ng	0.00
23) Nitrobenzene-d5	9.266	82	26142	10.91	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	15227	14.63	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	57536	10.80	ng	0.00
79) Terphenyl-d14	20.107	244	82873	9.36	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.976	128	257223	43.13	ng	# 95
37) 2-Methylnaphthalene	12.580	142	398436	83.92	ng	97
38) 1-Methylnaphthalene	12.797	142	224126	49.50	ng	99
46) 1,1'-Biphenyl	13.579	154	25233	4.36	ng	99
58) Fluorene	15.794	166	13831	2.26	ng	90
71) Phenanthrene	17.539	178	31486	3.64	ng	# 88
75) Fluoranthene	19.554	202	23057	2.15	ng	83
78) Pyrene	19.919	202	35338	3.17	ng	# 92
84) Bis(2-ethylhexyl)phtha...	21.681	149	20490	3.56	ng	# 74

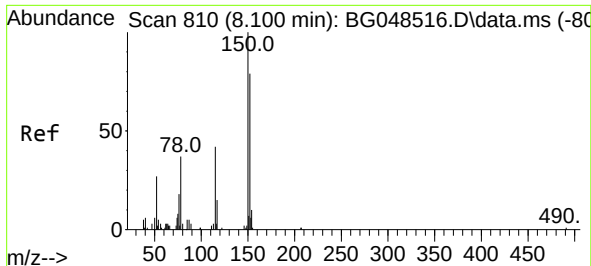
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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Quant Time: Apr 02 23:59:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

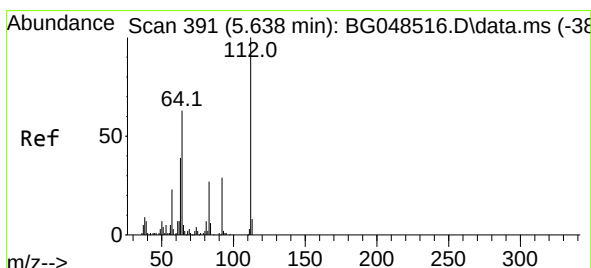
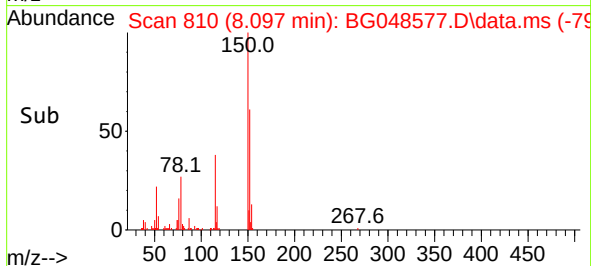
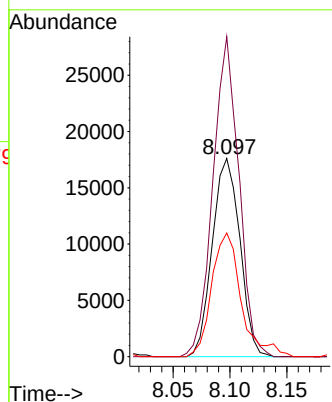
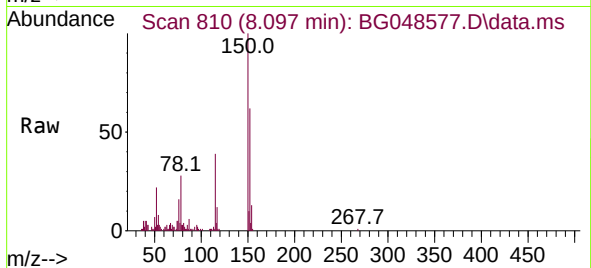




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.097 min Scan# 810
Delta R.T. 0.003 min
Lab File: BG048577.D
Acq: 2 Apr 2021 20:39

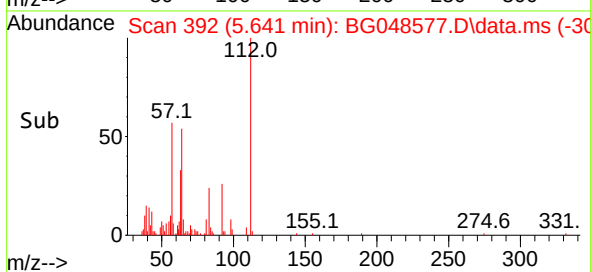
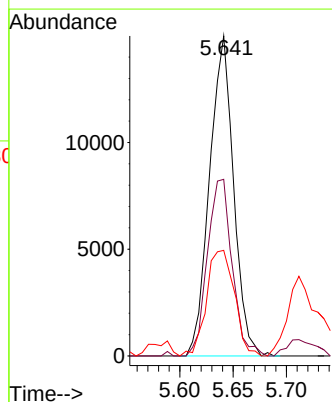
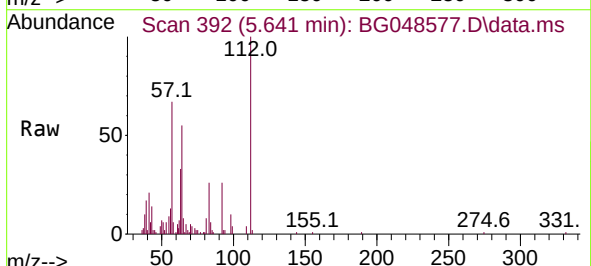
Instrument :
BNA_G
ClientSampleId :
V-211DL

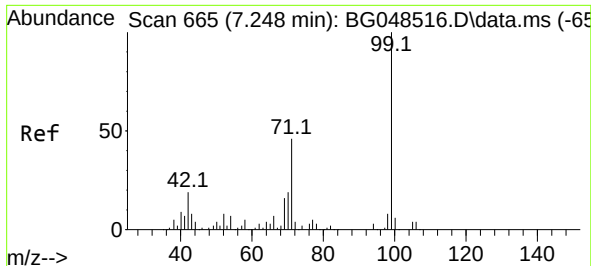
Tgt Ion:152 Resp: 29722
Ion Ratio Lower Upper
152 100
150 161.4 101.3 151.9#
115 62.4 42.3 63.5



#5
2-Fluorophenol
Concen: 13.94 ng
RT: 5.641 min Scan# 392
Delta R.T. 0.003 min
Lab File: BG048577.D
Acq: 2 Apr 2021 20:39

Tgt Ion:112 Resp: 23475
Ion Ratio Lower Upper
112 100
64 55.2 50.4 75.6
63 33.0 31.4 47.2

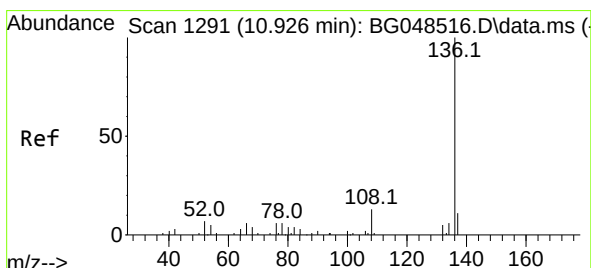
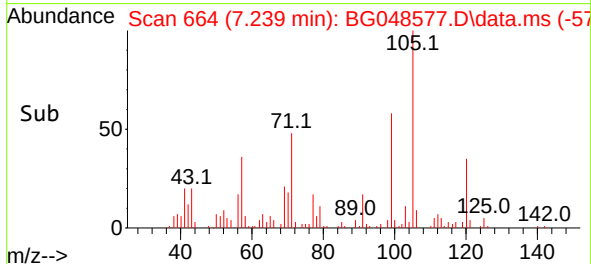
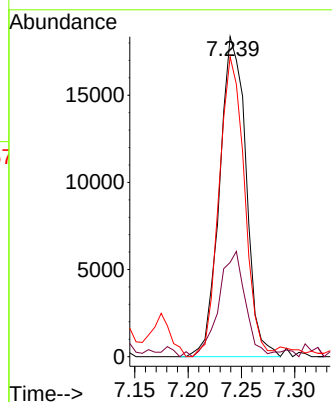
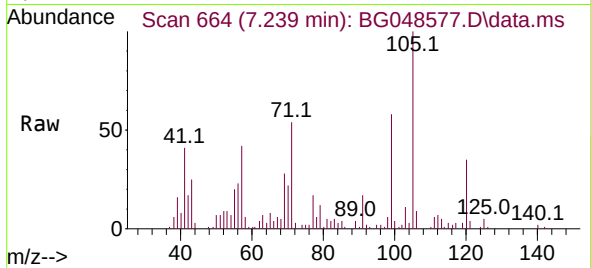




#7
Phenol-d6
Concen: 12.95 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.008 min
Lab File: BG048577.D
Acq: 2 Apr 2021 20:39

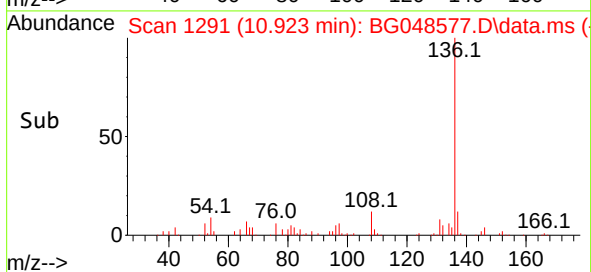
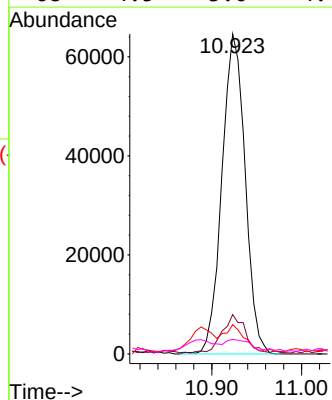
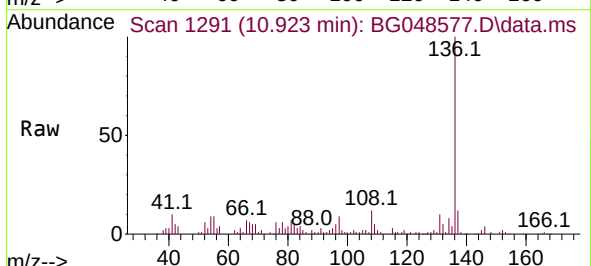
Instrument :
BNA_G
ClientSampleId :
V-211DL

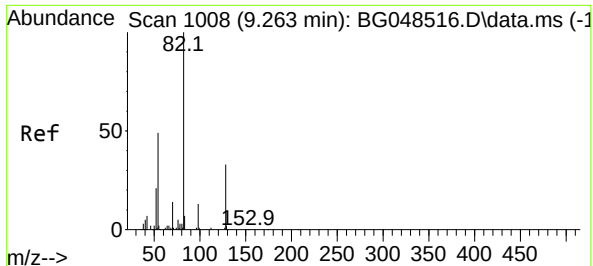
Tgt Ion: 99 Resp: 31610
Ion Ratio Lower Upper
99 100
42 29.4 15.5 23.3#
71 93.7 36.6 54.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. -0.002 min
Lab File: BG048577.D
Acq: 2 Apr 2021 20:39

Tgt Ion:136 Resp: 115989
Ion Ratio Lower Upper
136 100
137 12.3 8.6 12.8
54 9.2 4.2 6.4#
68 4.5 3.0 4.4#

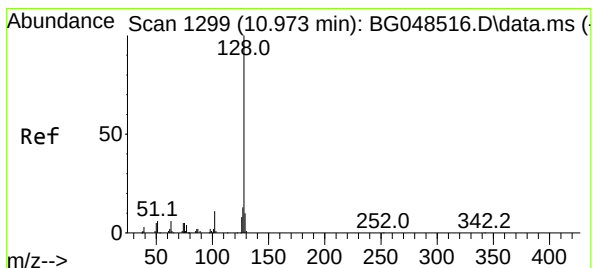
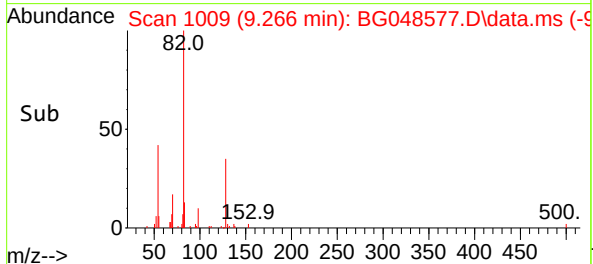
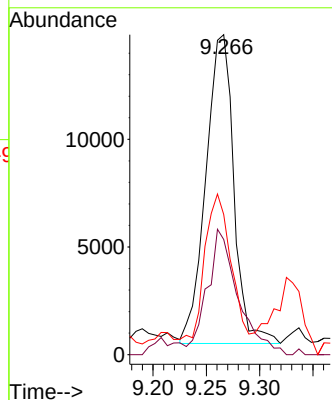
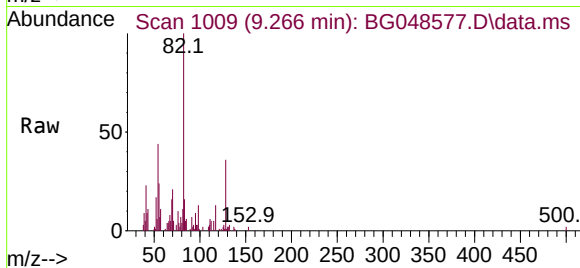




#23
Nitrobenzene-d5
Concen: 10.91 ng
RT: 9.266 min Scan# 1009
Delta R.T. -0.002 min
Lab File: BG048577.D
Acq: 2 Apr 2021 20:39

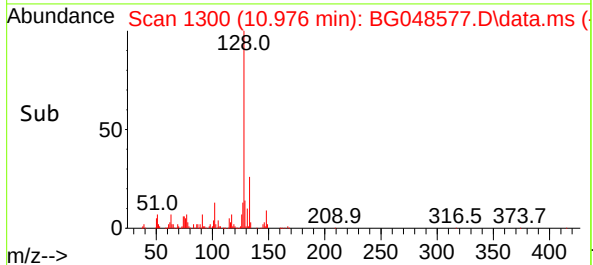
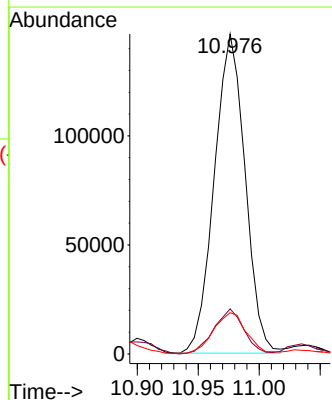
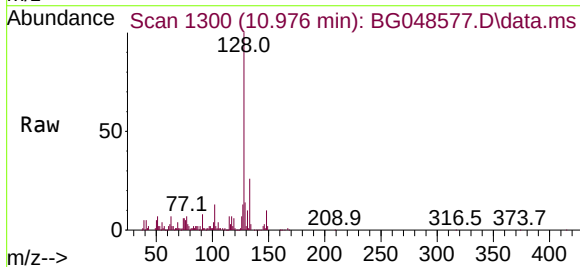
Instrument :
BNA_G
ClientSampleId :
V-211DL

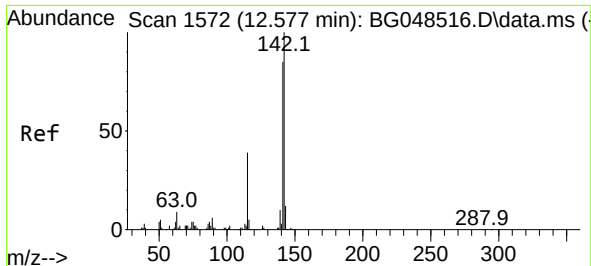
Tgt Ion: 82 Resp: 26142
Ion Ratio Lower Upper
82 100
128 36.0 26.2 39.4
54 43.8 38.9 58.3



#31
Naphthalene
Concen: 43.13 ng
RT: 10.976 min Scan# 1300
Delta R.T. -0.002 min
Lab File: BG048577.D
Acq: 2 Apr 2021 20:39

Tgt Ion:128 Resp: 257223
Ion Ratio Lower Upper
128 100
129 14.1 8.2 12.2#
127 12.9 10.6 16.0

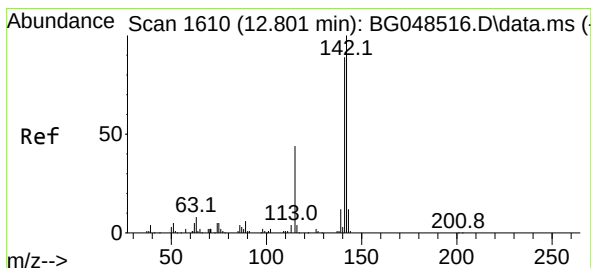
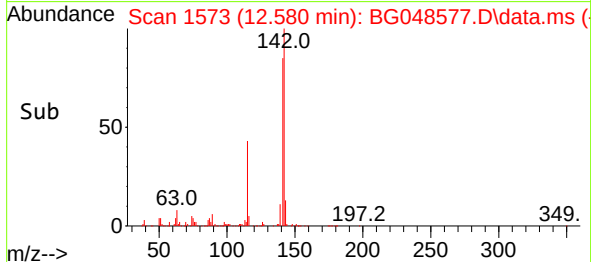
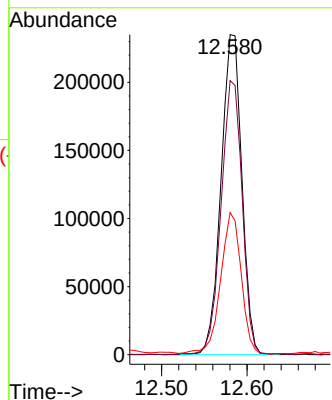
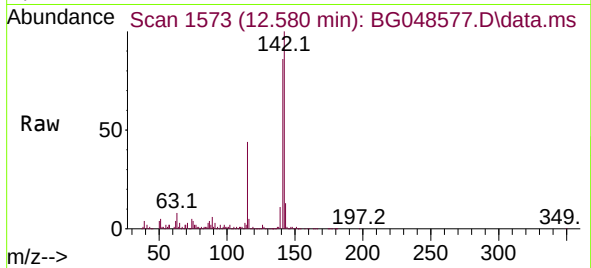




#37
2-Methylnaphthalene
Concen: 83.92 ng
RT: 12.580 min Scan# 1573
Delta R.T. 0.003 min
Lab File: BG048577.D
Acq: 2 Apr 2021 20:39

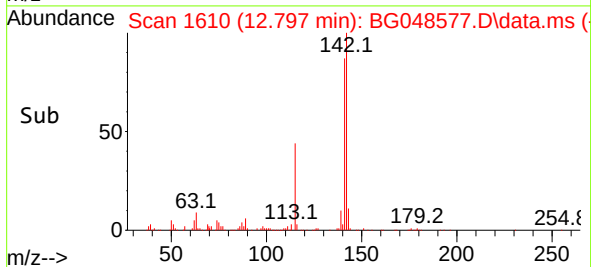
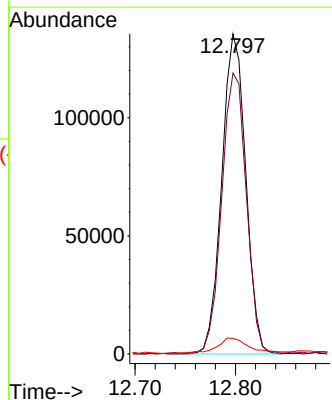
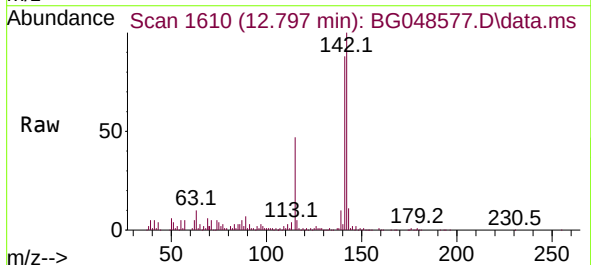
Instrument :
BNA_G
ClientSampled :
V-211DL

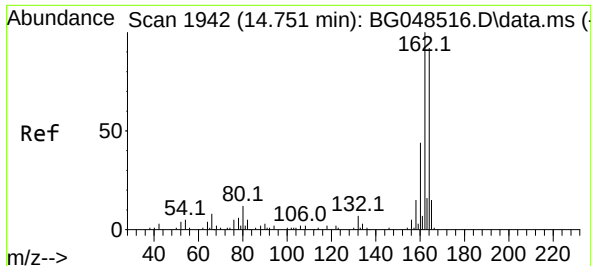
Tgt Ion:142 Resp: 398436
Ion Ratio Lower Upper
142 100
141 85.6 68.2 102.4
115 44.4 30.8 46.2



#38
1-Methylnaphthalene
Concen: 49.50 ng
RT: 12.797 min Scan# 1610
Delta R.T. -0.002 min
Lab File: BG048577.D
Acq: 2 Apr 2021 20:39

Tgt Ion:142 Resp: 224126
Ion Ratio Lower Upper
142 100
141 87.7 71.2 106.8
116 4.8 3.4 5.0

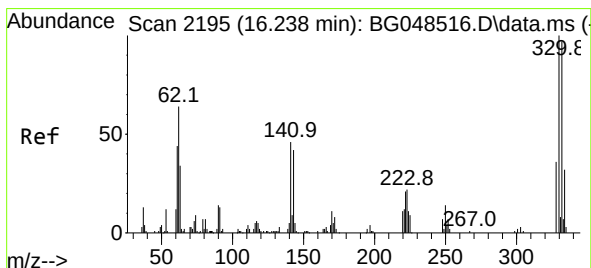
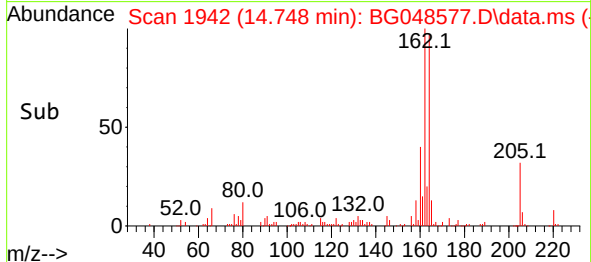
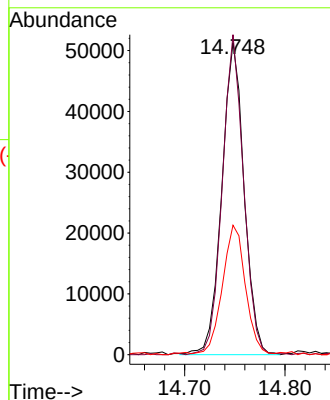
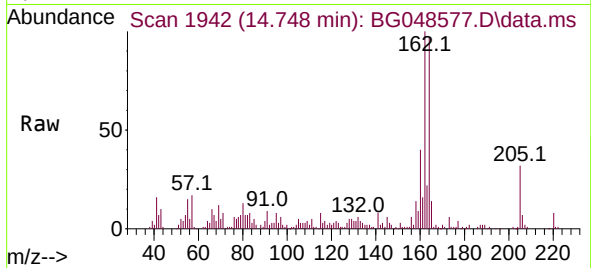




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.002 min
Lab File: BG048577.D
Acq: 2 Apr 2021 20:39

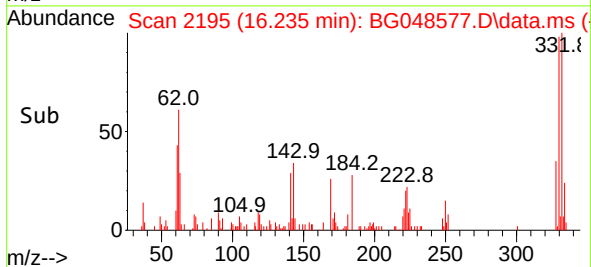
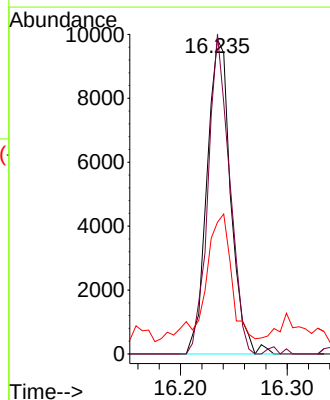
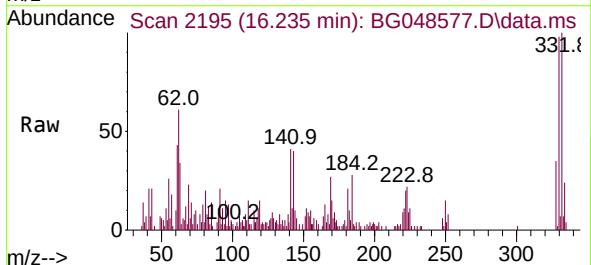
Instrument :
BNA_G
ClientSampleId :
V-211DL

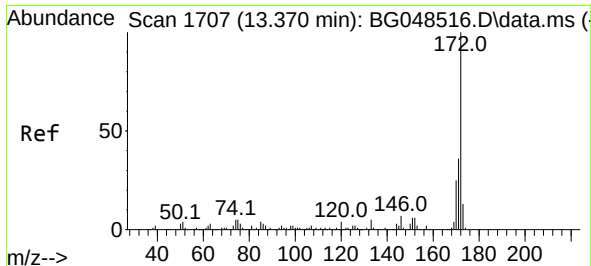
Tgt Ion:164 Resp: 79187
Ion Ratio Lower Upper
164 100
162 102.6 87.0 130.6
160 41.5 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 14.63 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.008 min
Lab File: BG048577.D
Acq: 2 Apr 2021 20:39

Tgt Ion:330 Resp: 15227
Ion Ratio Lower Upper
330 100
332 92.2 77.6 116.4
141 41.4 34.6 52.0

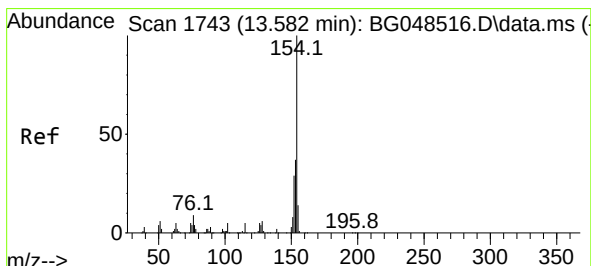
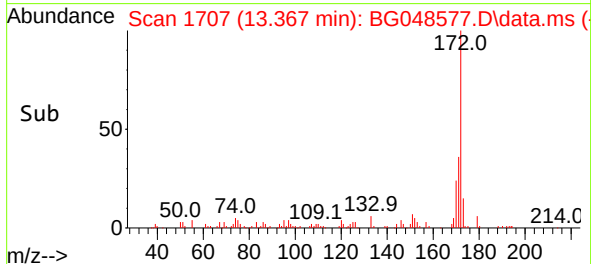
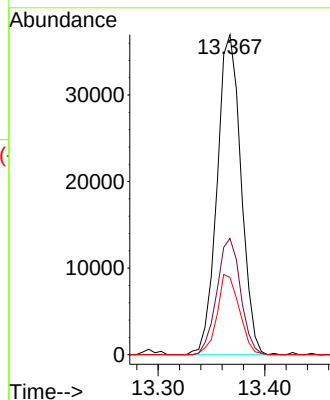
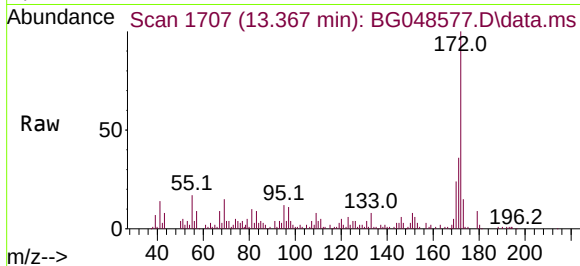




#45
2-Fluorobiphenyl
Concen: 10.80 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.002 min
Lab File: BG048577.D
Acq: 2 Apr 2021 20:39

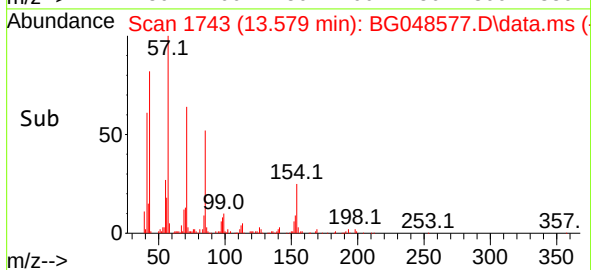
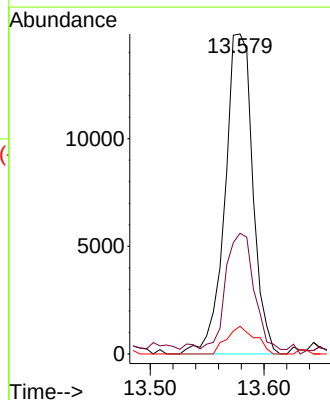
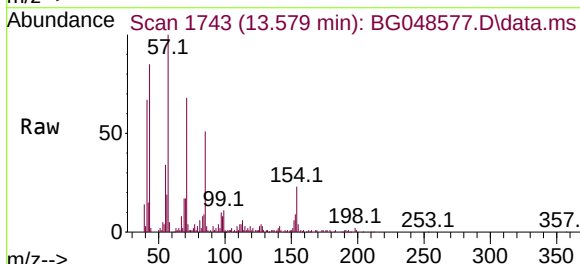
Instrument :
BNA_G
ClientSampleId :
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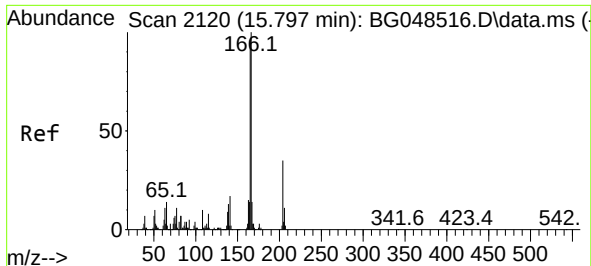
Tgt Ion:172 Resp: 57536
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.1 19.8 29.6



#46
1,1'-Biphenyl
Concen: 4.36 ng
RT: 13.579 min Scan# 1743
Delta R.T. -0.002 min
Lab File: BG048577.D
Acq: 2 Apr 2021 20:39

Tgt Ion:154 Resp: 25233
Ion Ratio Lower Upper
154 100
153 37.7 17.3 57.3
76 8.6 0.0 28.6

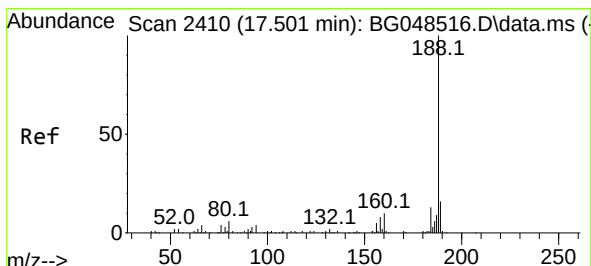
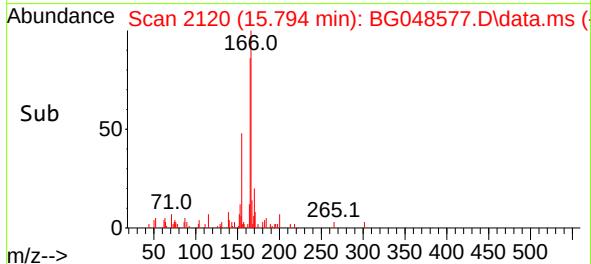
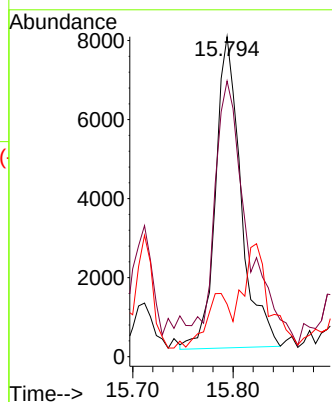
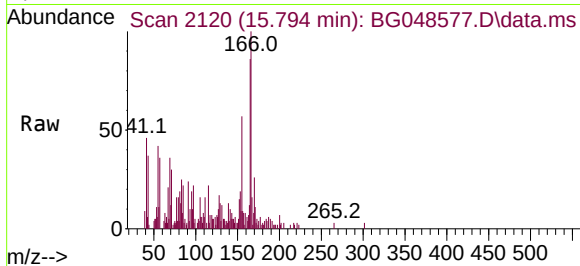




#58
Fluorene
Concen: 2.26 ng
RT: 15.794 min Scan# 2120
Delta R.T. -0.008 min
Lab File: BG048577.D
Acq: 2 Apr 2021 20:39

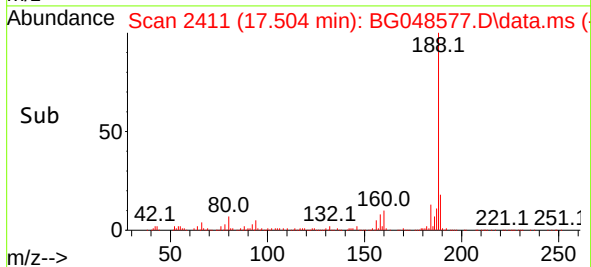
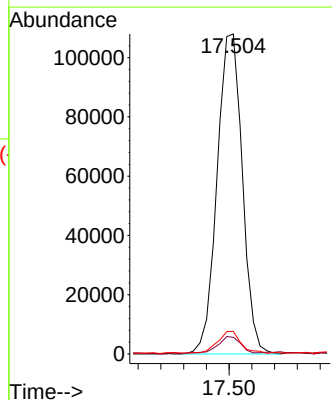
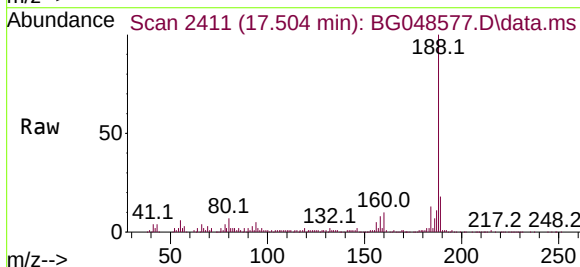
Instrument :
BNA_G
ClientSampleId :
V-211DL

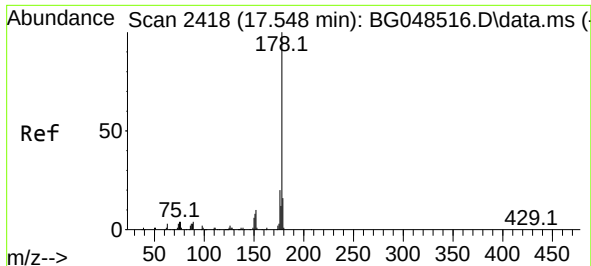
Tgt Ion:166 Resp: 13831
Ion Ratio Lower Upper
166 100
165 86.2 76.8 115.2
167 16.4 11.1 16.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.504 min Scan# 2411
Delta R.T. -0.002 min
Lab File: BG048577.D
Acq: 2 Apr 2021 20:39

Tgt Ion:188 Resp: 166564
Ion Ratio Lower Upper
188 100
94 5.2 3.0 4.6#
80 7.1 4.5 6.7#

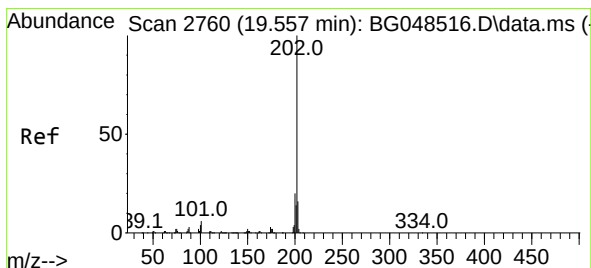
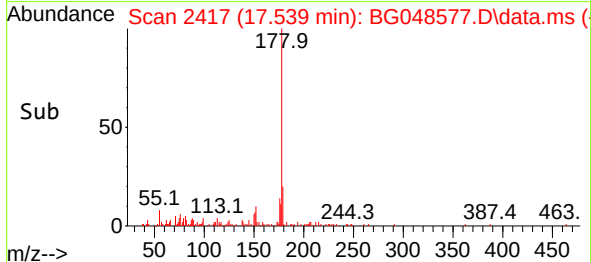
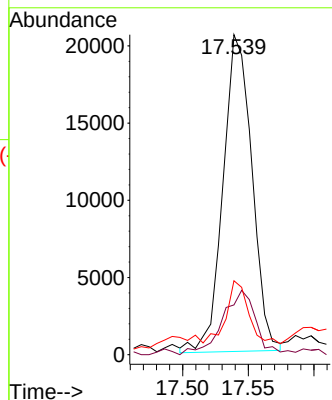
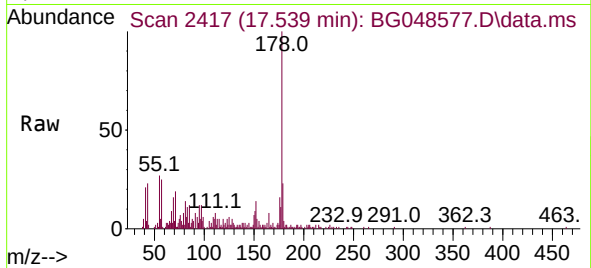




#71
Phenanthrene
Concen: 3.64 ng
RT: 17.539 min Scan# 2417
Delta R.T. -0.008 min
Lab File: BG048577.D
Acq: 2 Apr 2021 20:39

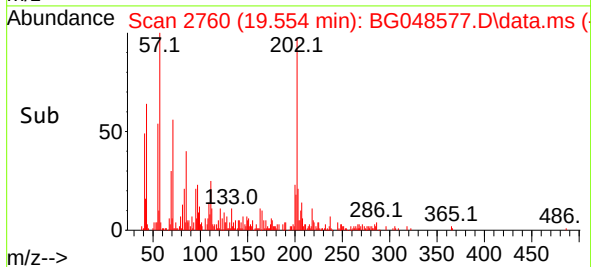
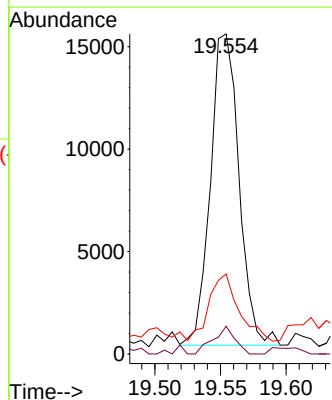
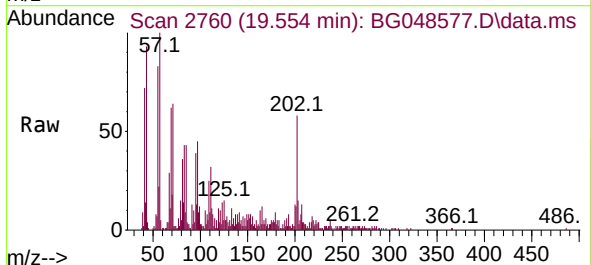
Instrument :
BNA_G
ClientSampled :
V-211DL

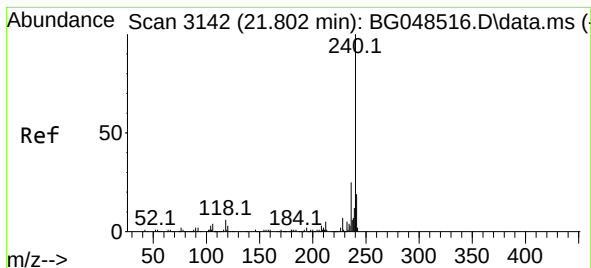
Tgt Ion:178 Resp: 31486
Ion Ratio Lower Upper
178 100
176 15.5 15.6 23.4#
179 23.1 12.9 19.3#



#75
Fluoranthene
Concen: 2.15 ng
RT: 19.554 min Scan# 2760
Delta R.T. -0.002 min
Lab File: BG048577.D
Acq: 2 Apr 2021 20:39

Tgt Ion:202 Resp: 23057
Ion Ratio Lower Upper
202 100
101 8.7 0.0 25.8
203 25.0 0.0 36.4

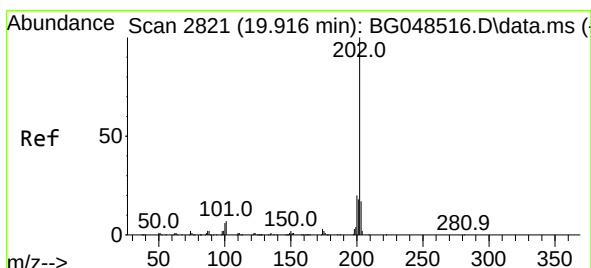
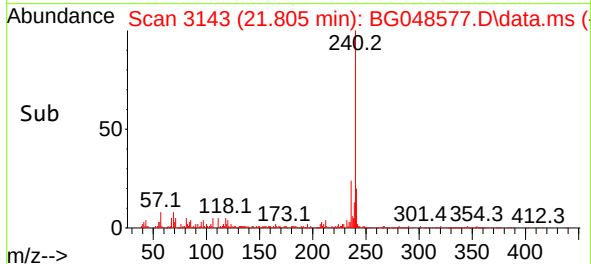
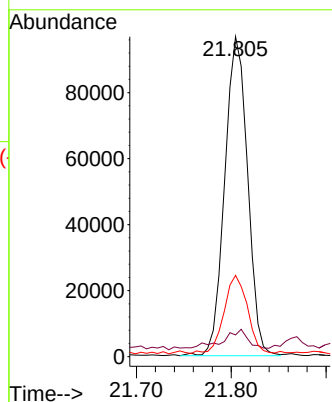
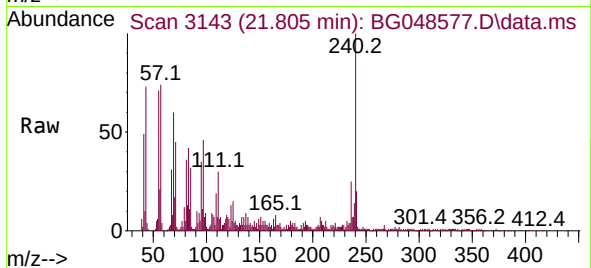




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.805 min Scan# 3143
Delta R.T. 0.003 min
Lab File: BG048577.D
Acq: 2 Apr 2021 20:39

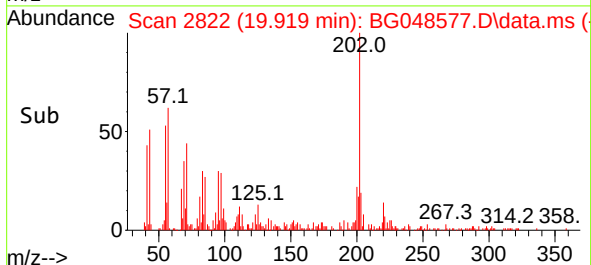
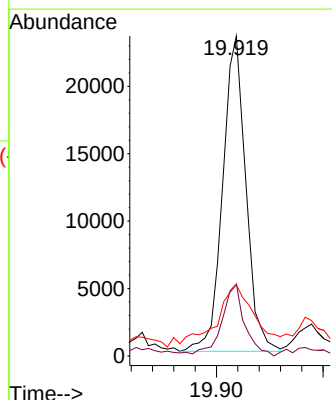
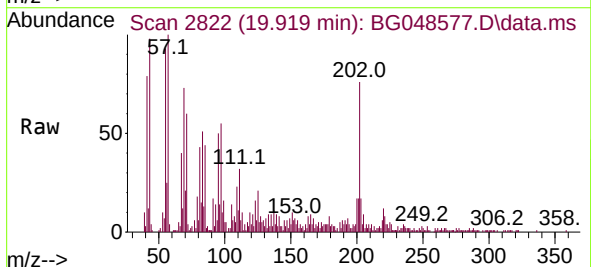
Instrument :
BNA_G
ClientSampled :
V-211DL

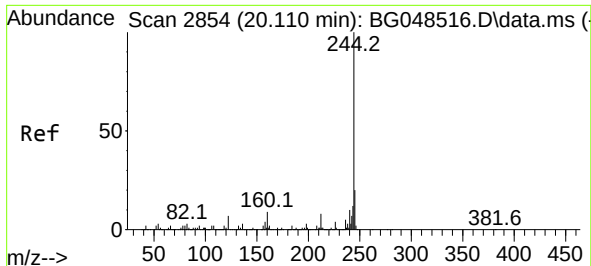
Tgt Ion:240 Resp: 161947
Ion Ratio Lower Upper
240 100
120 6.8 2.6 3.8#
236 25.4 19.8 29.6



#78
Pyrene
Concen: 3.17 ng
RT: 19.919 min Scan# 2822
Delta R.T. -0.002 min
Lab File: BG048577.D
Acq: 2 Apr 2021 20:39

Tgt Ion:202 Resp: 35338
Ion Ratio Lower Upper
202 100
200 22.5 16.1 24.1
203 22.3 13.6 20.4#

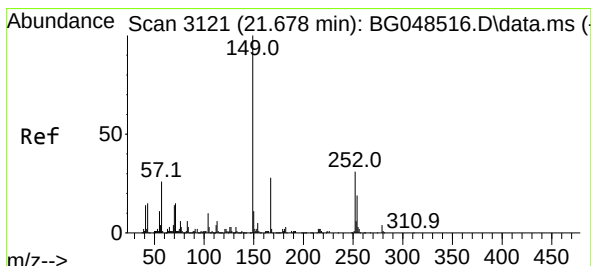
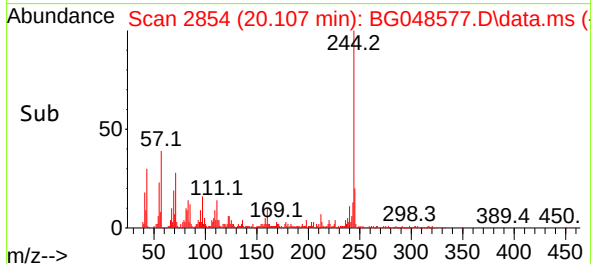
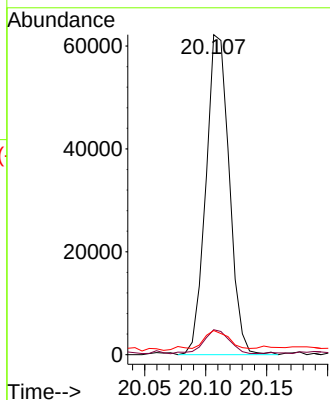
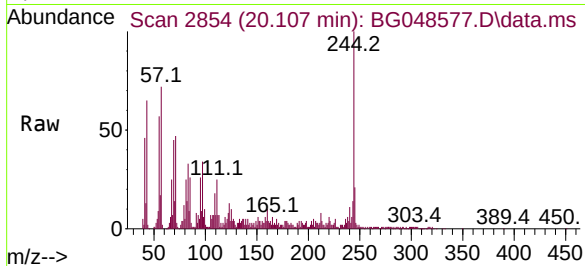




#79
 Terphenyl-d14
 Concen: 9.36 ng
 RT: 20.107 min Scan# 2854
 Delta R.T. -0.008 min
 Lab File: BG048577.D
 Acq: 2 Apr 2021 20:39

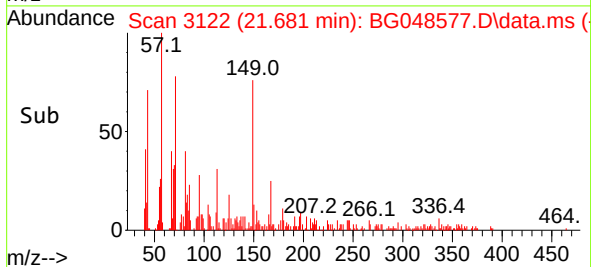
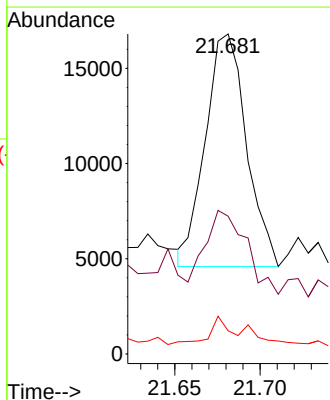
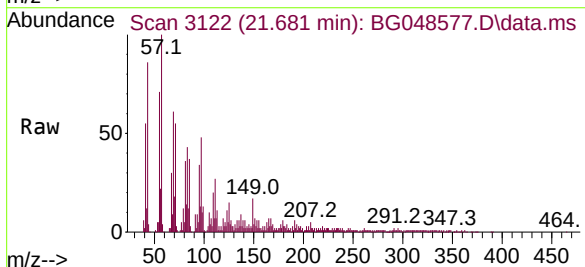
Instrument :
 BNA_G
 ClientSampleId :
 V-211DL

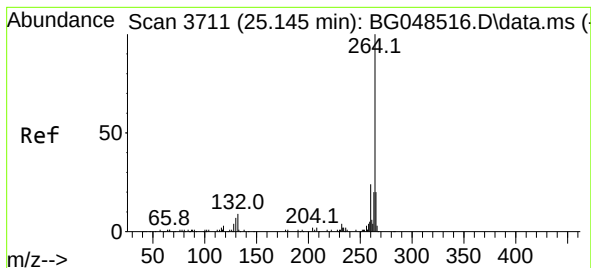
Tgt Ion:244 Resp: 82873
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 7.5 5.8 8.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.56 ng
 RT: 21.681 min Scan# 3122
 Delta R.T. 0.003 min
 Lab File: BG048577.D
 Acq: 2 Apr 2021 20:39

Tgt Ion:149 Resp: 20490
 Ion Ratio Lower Upper
 149 100
 167 43.0 22.4 33.6#
 279 7.2 3.4 5.2#





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.177 min Scan# 3717

Delta R.T. 0.027 min

Lab File: BG048577.D

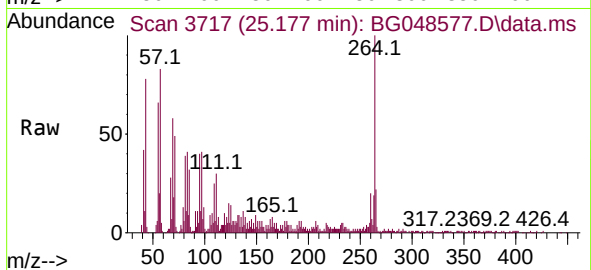
Acq: 2 Apr 2021 20:39

Instrument :

BNA_G

ClientSampleId :

V-211DL



Tgt Ion:264 Resp: 161992

Ion Ratio Lower Upper

264 100

260 19.9 19.1 28.7

265 21.8 16.1 24.1

