

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040521\
 Data File : BG048594.D
 Acq On : 5 Apr 2021 22:01
 Operator : CG/JU
 Sample : M1836-12 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B5-19-21DL

Quant Time: Apr 06 04:43:07 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)

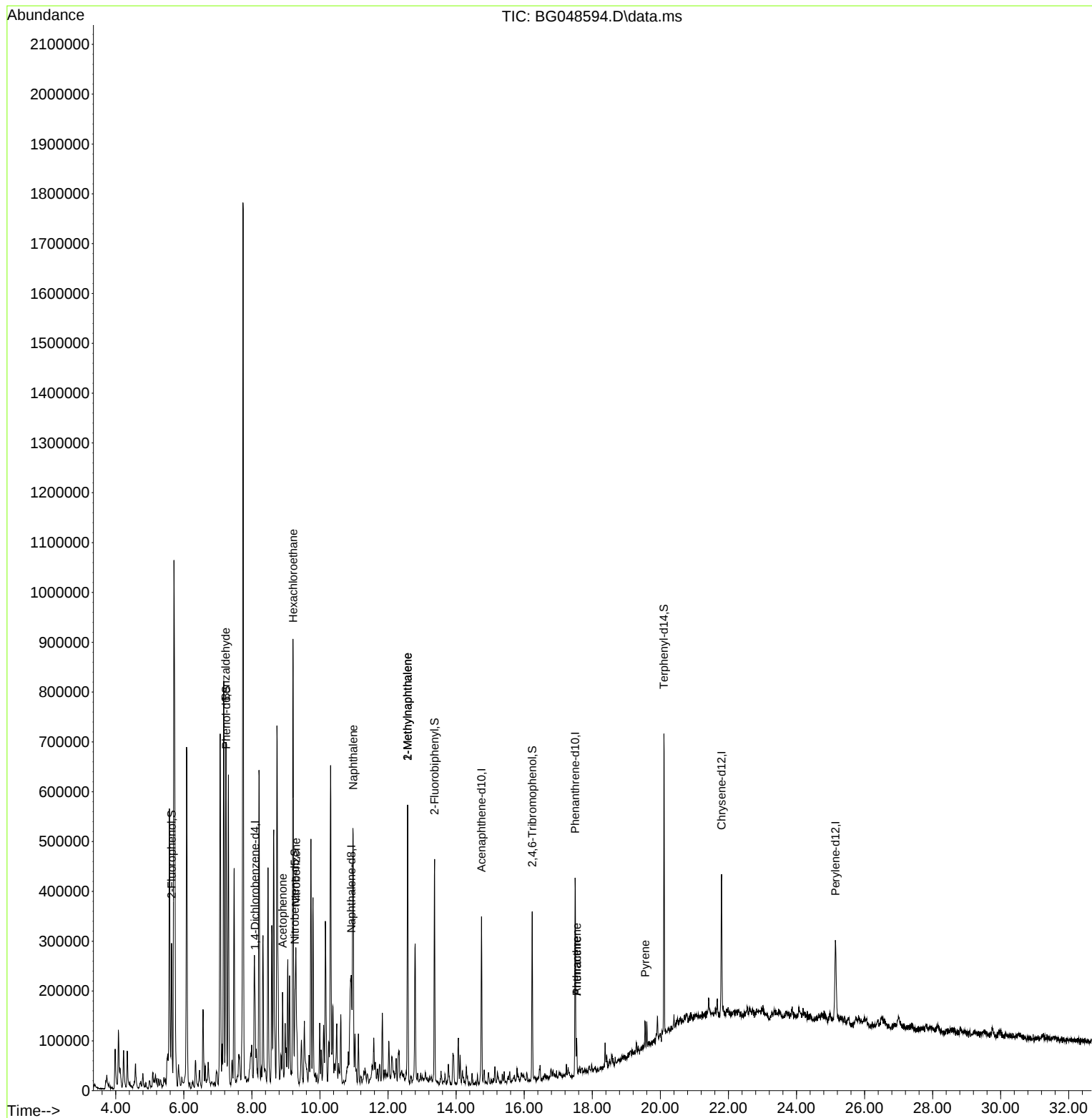
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	39210	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	167575	20.00	ng	0.00
39) Acenaphthene-d10	14.748	164	117740	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	255235	20.00	ng	0.00
76) Chrysene-d12	21.799	240	180201	20.00	ng	# 0.00
86) Perylene-d12	25.142	264	180463	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	100095	45.07	ng	0.00
7) Phenol-d6	7.245	99	133030	41.30	ng	0.00
23) Nitrobenzene-d5	9.266	82	95796	27.68	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	58580	37.85	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	225905	28.52	ng	0.00
79) Terphenyl-d14	20.107	244	272603	27.66	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.233	77	40390	19.62	ng	# 1
18) Hexachloroethane	9.213	117	83034	78.39	ng	# 1
22) Acetophenone	8.902	105	114200	26.43	ng	# 53
24) Nitrobenzene	9.296	77	11793	3.47	ng	# 38
31) Naphthalene	10.976	128	336886	39.10	ng	# 95
37) 2-Methylnaphthalene	12.574	142	263328	38.39	ng	97
38) 1-Methylnaphthalene	12.574	142	263328	40.25	ng	97
71) Phenanthrene	17.545	178	46729	3.53	ng	# 94
72) Anthracene	17.545	178	46729	3.54	ng	97
78) Pyrene	19.554	202	32060	2.59	ng	96

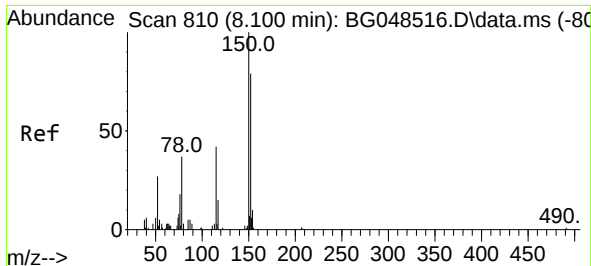
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040521\
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Misc :
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Quant Time: Apr 06 04:43:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
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QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

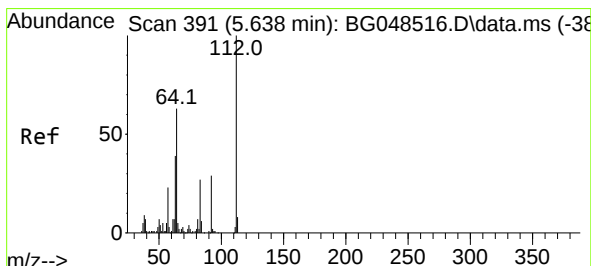
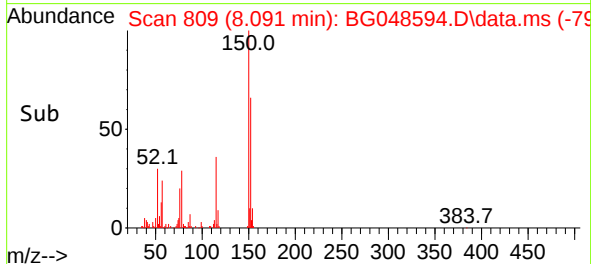
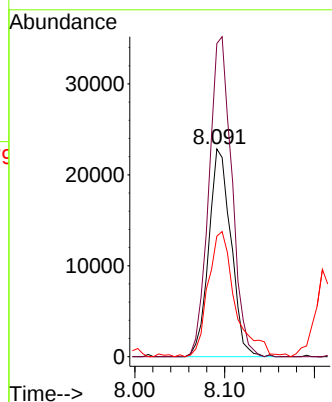
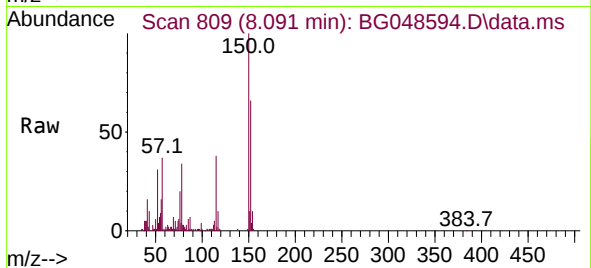




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.091 min Scan# 809
Delta R.T. -0.003 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

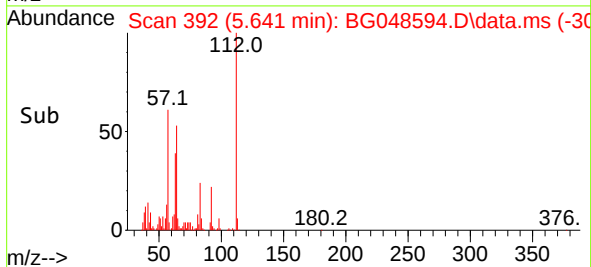
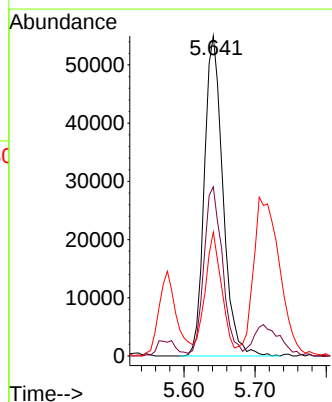
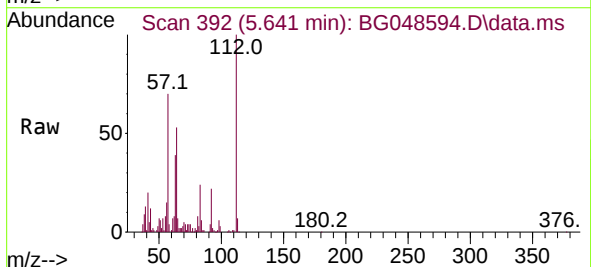
Instrument :
BNA_G
ClientSampleId :
B5-19-21DL

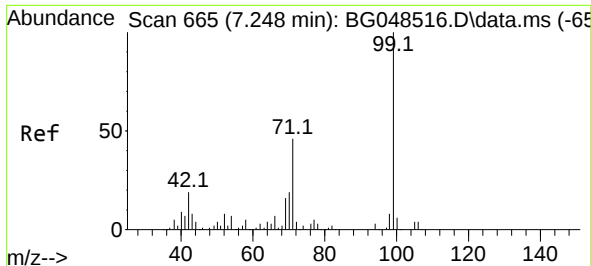
Tgt Ion:152 Resp: 39210
Ion Ratio Lower Upper
152 100
150 150.8 101.3 151.9
115 58.0 42.3 63.5



#5
2-Fluorophenol
Concen: 45.07 ng
RT: 5.641 min Scan# 392
Delta R.T. 0.003 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

Tgt Ion:112 Resp: 100095
Ion Ratio Lower Upper
112 100
64 52.8 50.4 75.6
63 38.7 31.4 47.2

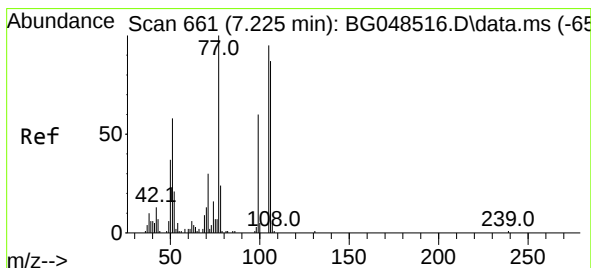
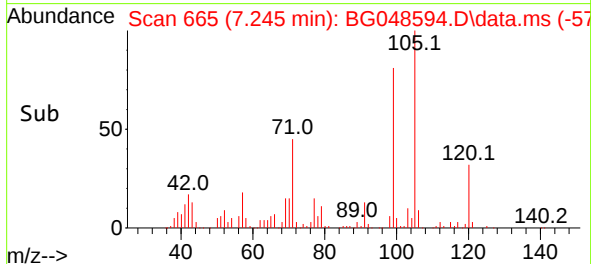
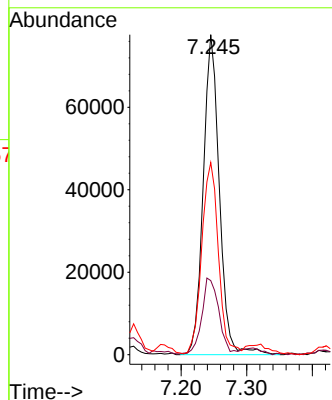
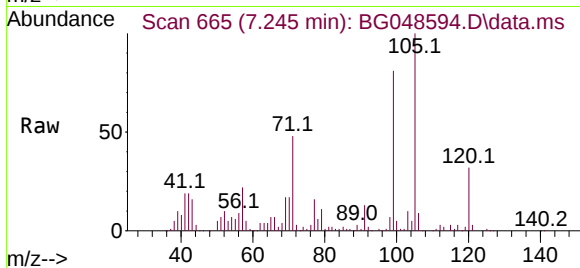




#7
Phenol-d6
Concen: 41.30 ng
RT: 7.245 min Scan# 665
Delta R.T. -0.002 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

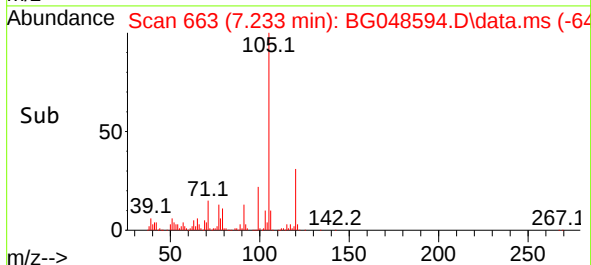
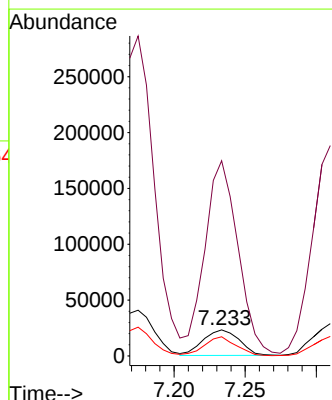
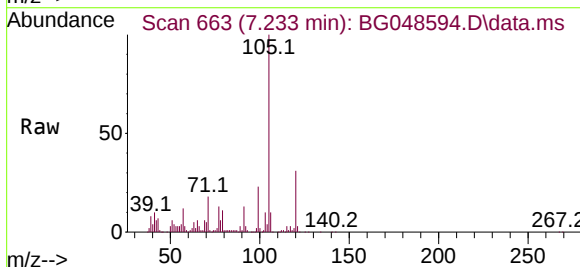
Instrument :
BNA_G
ClientSampleId :
B5-19-21DL

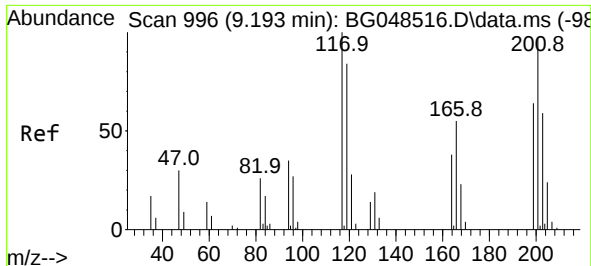
Tgt Ion: 99 Resp: 133030
Ion Ratio Lower Upper
99 100
42 23.1 15.5 23.3
71 60.0 36.6 54.8#



#9
Benzaldehyde
Concen: 19.62 ng
RT: 7.233 min Scan# 663
Delta R.T. 0.009 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

Tgt Ion: 77 Resp: 40390
Ion Ratio Lower Upper
77 100
105 749.2 75.2 115.2#
106 73.7 66.5 106.5

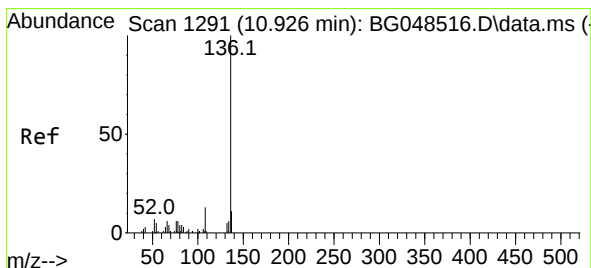
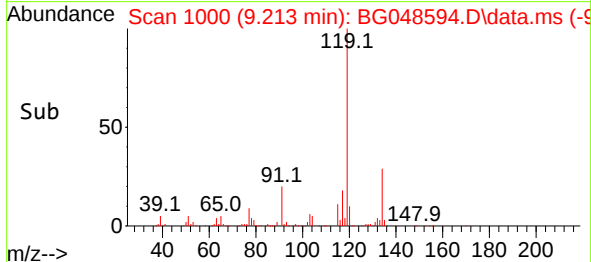
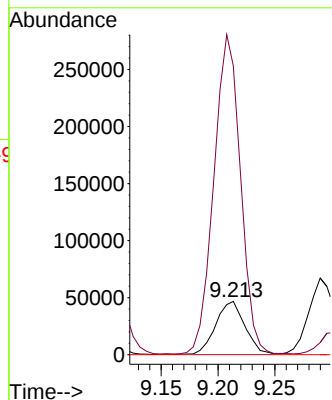
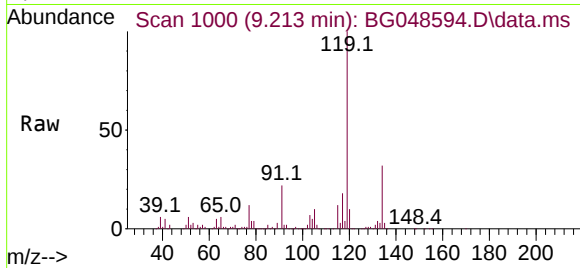




#18
Hexachloroethane
Concen: 78.39 ng
RT: 9.213 min Scan# 1000
Delta R.T. 0.021 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

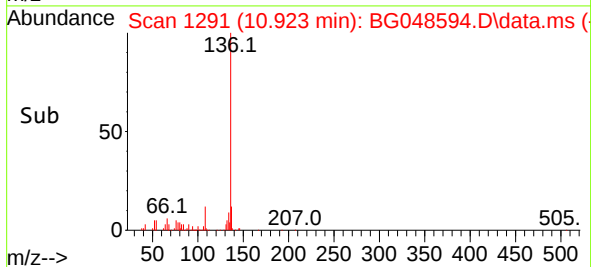
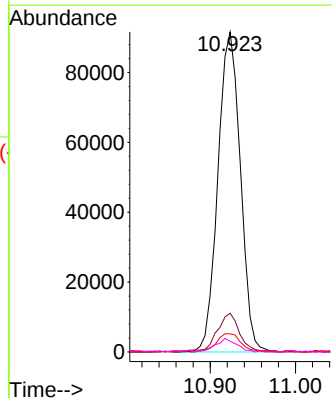
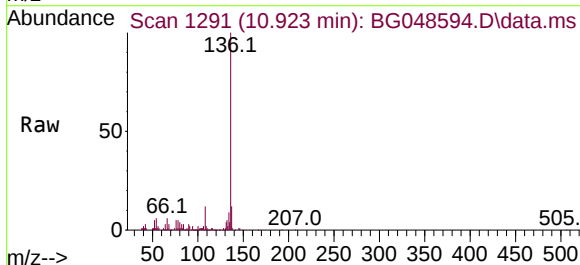
Instrument :
BNA_G
ClientSampleId :
B5-19-21DL

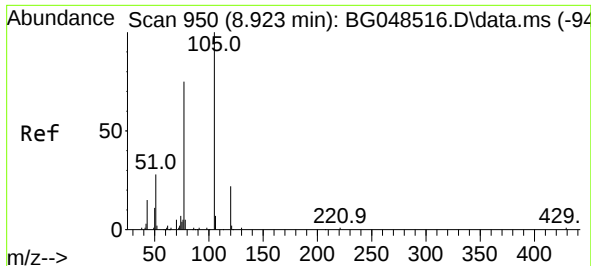
Tgt Ion:117 Resp: 83034
Ion Ratio Lower Upper
117 100
119 542.2 67.0 100.6#
201 0.0 79.8 119.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. -0.002 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

Tgt Ion:136 Resp: 167575
Ion Ratio Lower Upper
136 100
137 12.1 8.6 12.8
54 5.7 4.2 6.4
68 3.3 3.0 4.4

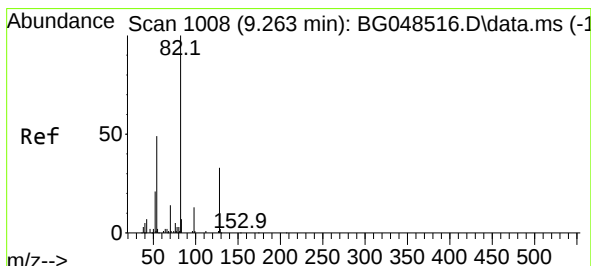
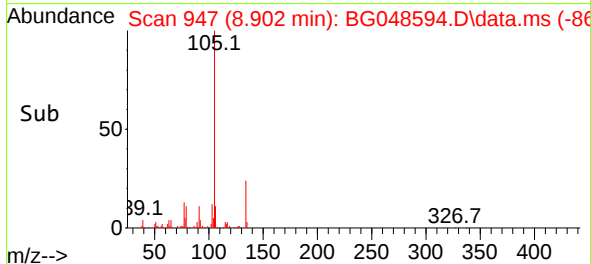
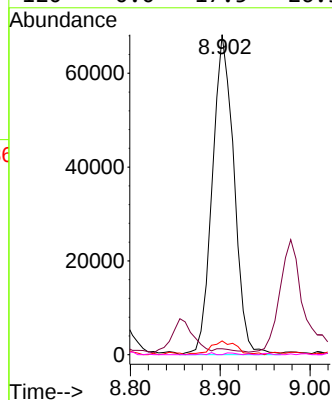
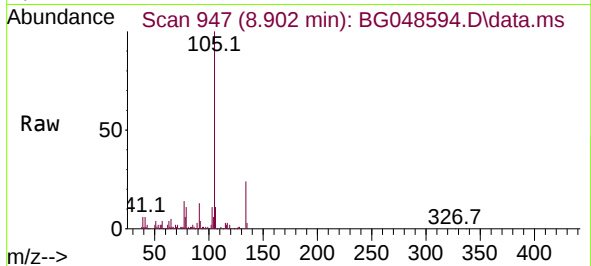




#22
Acetophenone
Concen: 26.43 ng
RT: 8.902 min Scan# 947
Delta R.T. -0.020 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

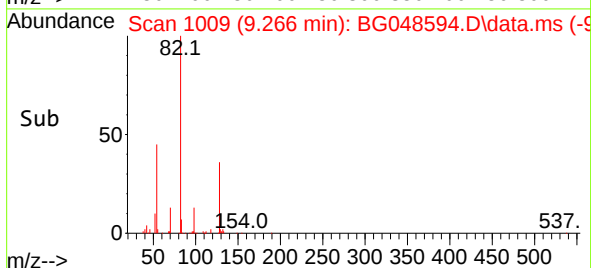
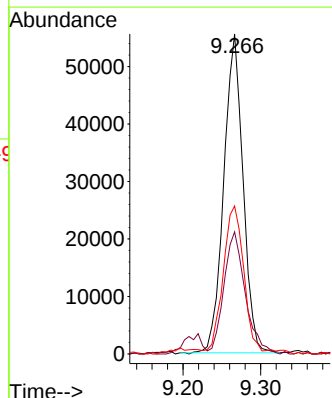
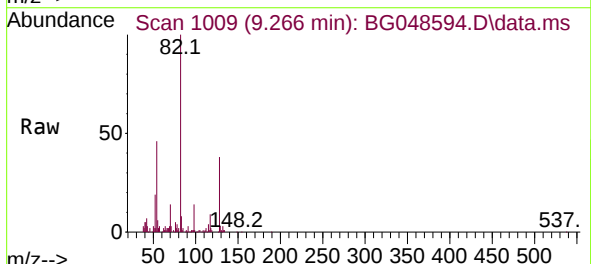
Instrument :
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ClientSampleId :
B5-19-21DL

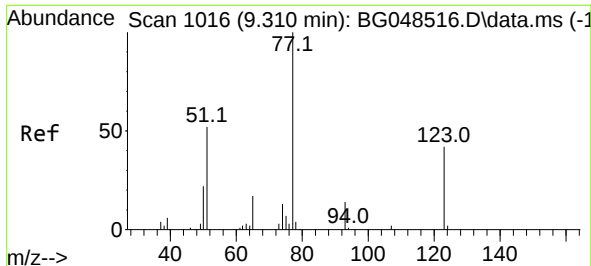
Tgt Ion:105 Resp: 114200
Ion Ratio Lower Upper
105 100
71 1.8 1.1 1.7#
51 4.3 26.1 39.1#
120 0.0 17.5 26.3#



#23
Nitrobenzene-d5
Concen: 27.68 ng
RT: 9.266 min Scan# 1009
Delta R.T. -0.002 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

Tgt Ion: 82 Resp: 95796
Ion Ratio Lower Upper
82 100
128 38.1 26.2 39.4
54 46.3 38.9 58.3

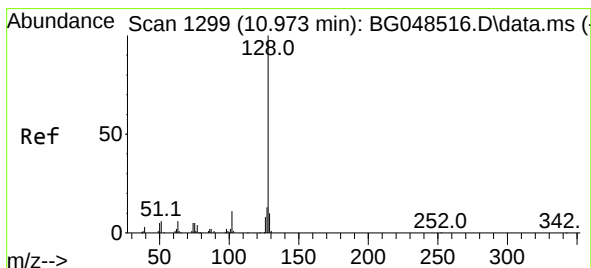
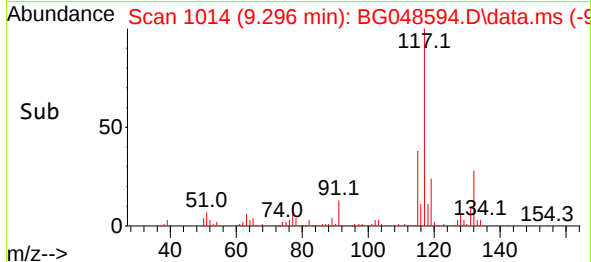
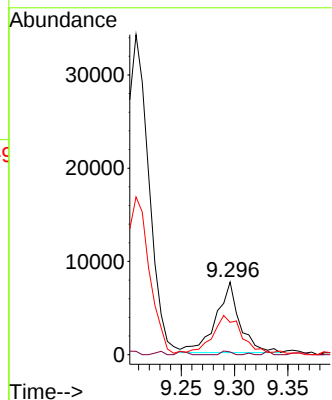
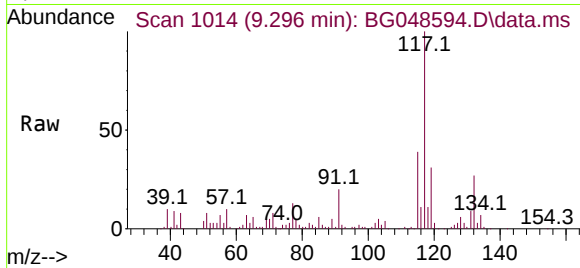




#24
Nitrobenzene
Concen: 3.47 ng
RT: 9.296 min Scan# 1014
Delta R.T. -0.014 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

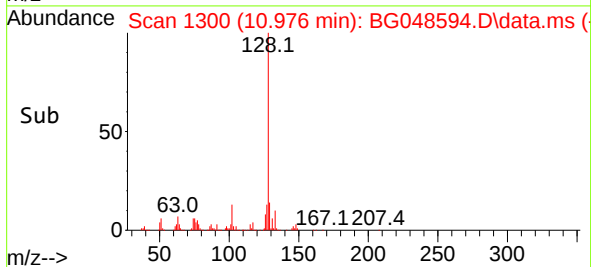
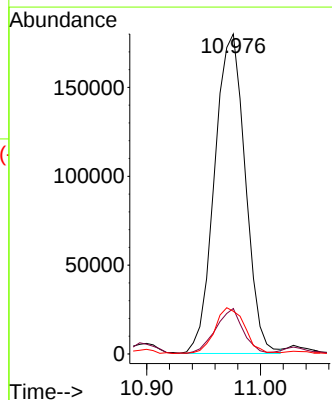
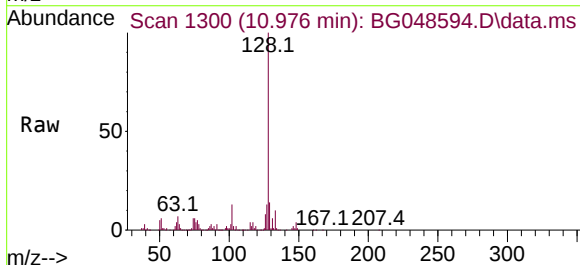
Instrument :
BNA_G
ClientSampled :
B5-19-21DL

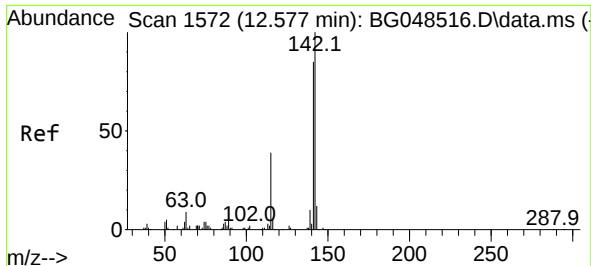
Tgt Ion: 77 Resp: 11793
Ion Ratio Lower Upper
77 100
123 3.8 33.4 50.2#
65 44.5 13.3 19.9#



#31
Naphthalene
Concen: 39.10 ng
RT: 10.976 min Scan# 1300
Delta R.T. -0.002 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

Tgt Ion:128 Resp: 336886
Ion Ratio Lower Upper
128 100
129 14.2 8.2 12.2#
127 13.3 10.6 16.0

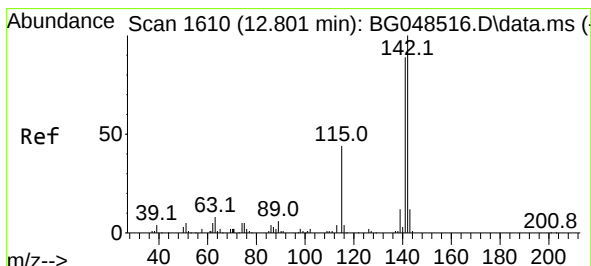
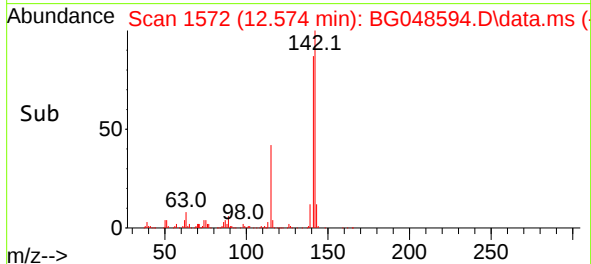
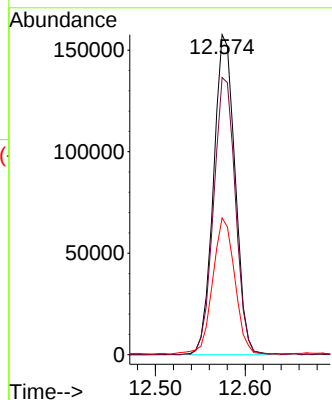
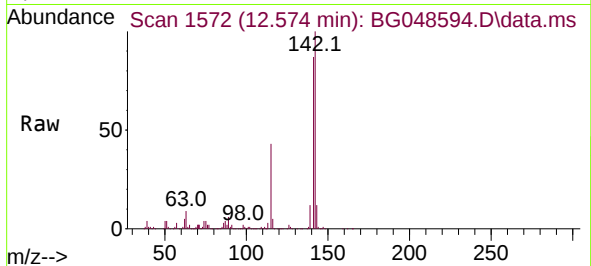




#37
2-Methylnaphthalene
Concen: 38.39 ng
RT: 12.574 min Scan# 1572
Delta R.T. -0.002 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

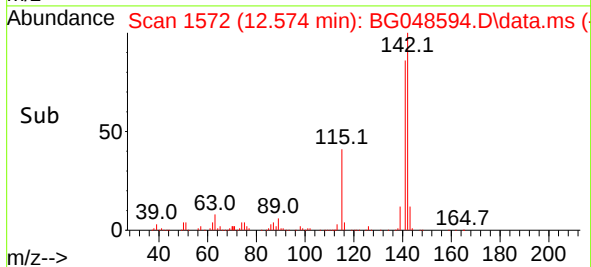
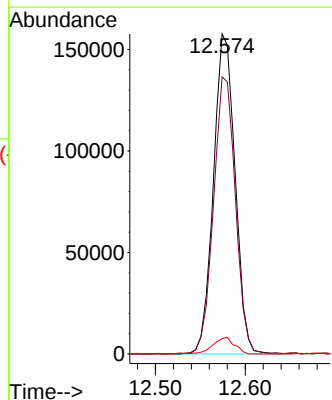
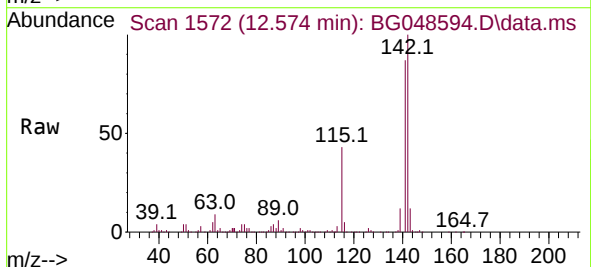
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B5-19-21DL

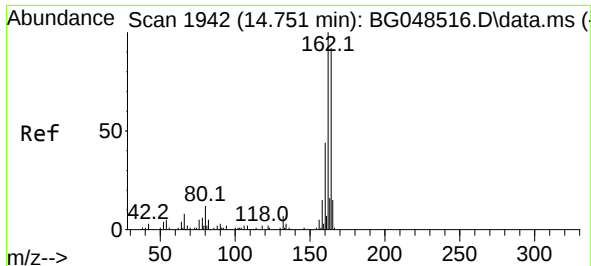
Tgt Ion:142 Resp: 263328
Ion Ratio Lower Upper
142 100
141 86.6 68.2 102.4
115 42.8 30.8 46.2



#38
1-Methylnaphthalene
Concen: 40.25 ng
RT: 12.574 min Scan# 1572
Delta R.T. -0.226 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

Tgt Ion:142 Resp: 263328
Ion Ratio Lower Upper
142 100
141 86.6 71.2 106.8
116 4.8 3.4 5.0

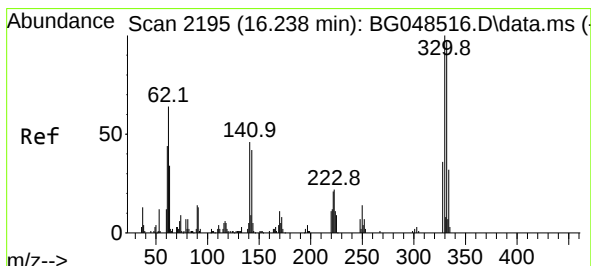
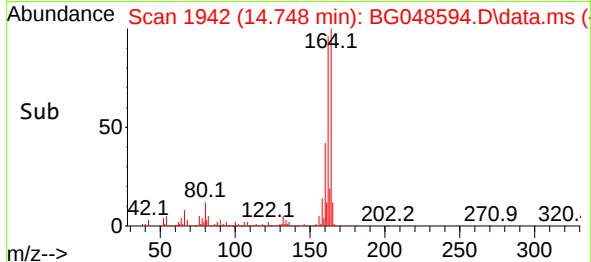
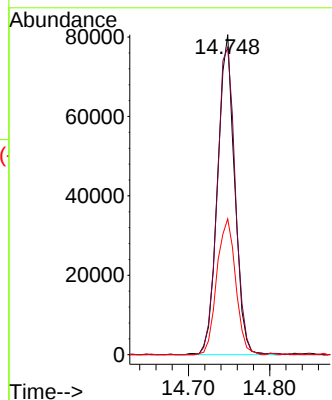
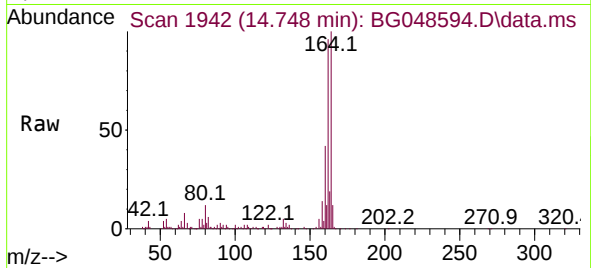




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.002 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

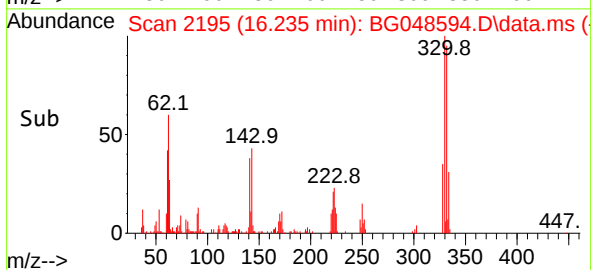
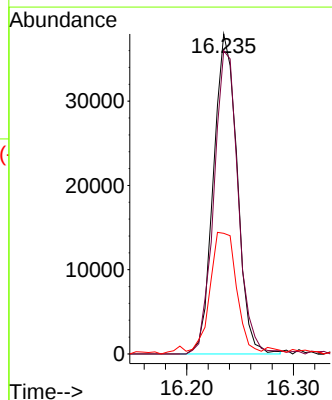
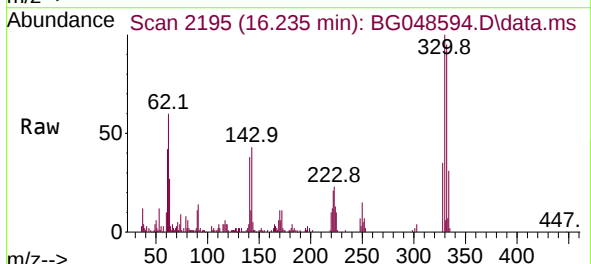
Instrument :
BNA_G
ClientSampleId :
B5-19-21DL

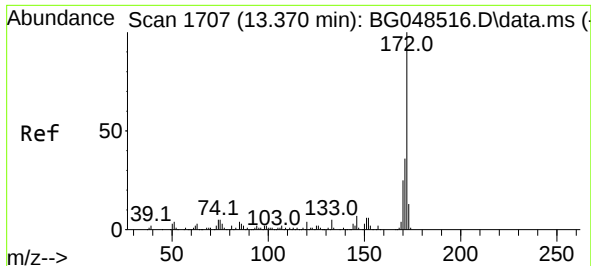
Tgt Ion:164 Resp: 117740
Ion Ratio Lower Upper
164 100
162 96.0 87.0 130.6
160 42.4 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 37.85 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.008 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

Tgt Ion:330 Resp: 58580
Ion Ratio Lower Upper
330 100
332 97.3 77.6 116.4
141 43.7 34.6 52.0

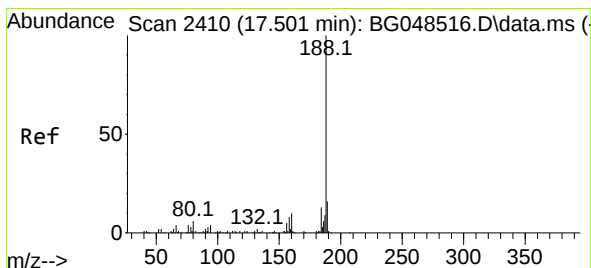
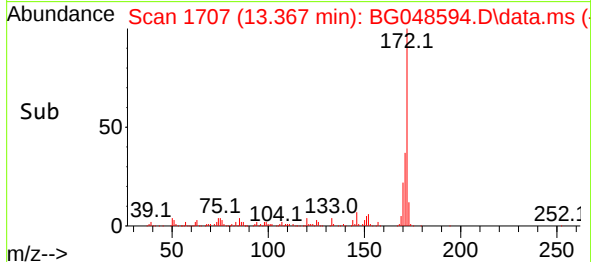
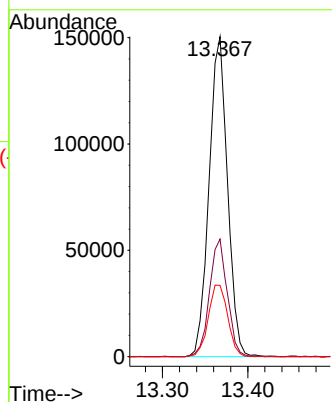
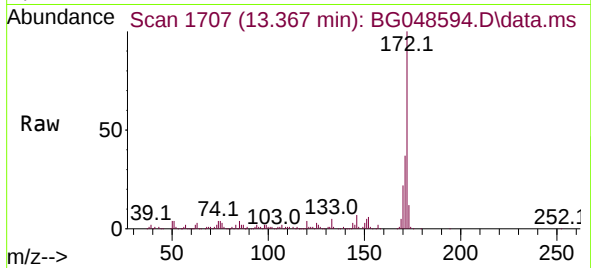




#45
2-Fluorobiphenyl
Concen: 28.52 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.002 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

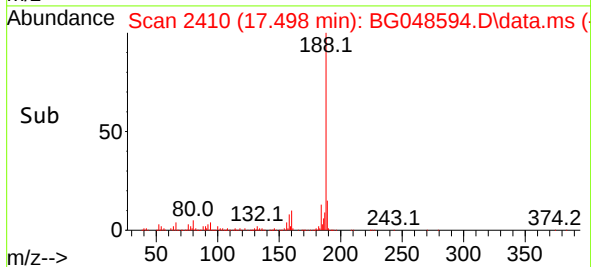
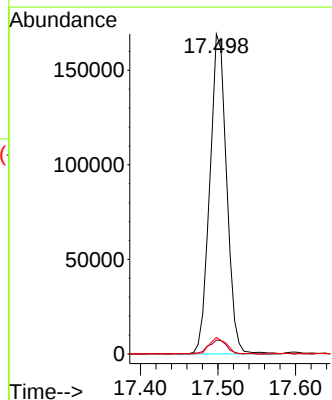
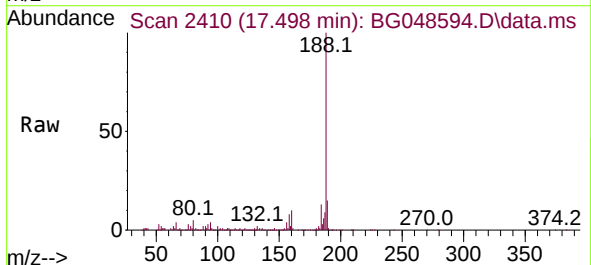
Instrument :
BNA_G
ClientSampleId :
B5-19-21DL

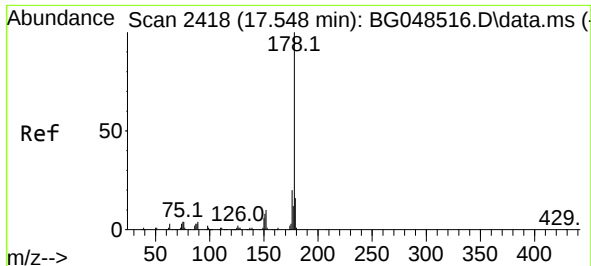
Tgt Ion:172 Resp: 225905
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 22.3 19.8 29.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2410
Delta R.T. -0.008 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

Tgt Ion:188 Resp: 255235
Ion Ratio Lower Upper
188 100
94 4.3 3.0 4.6
80 5.2 4.5 6.7

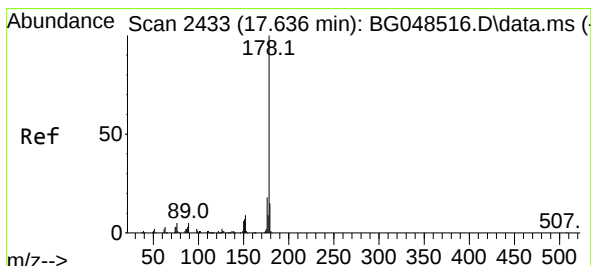
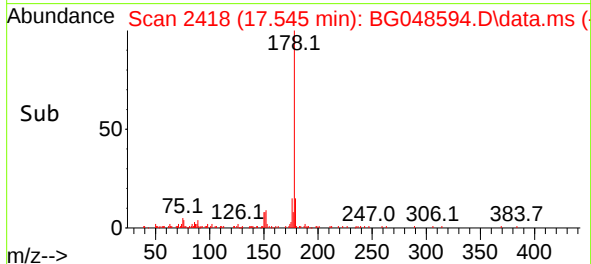
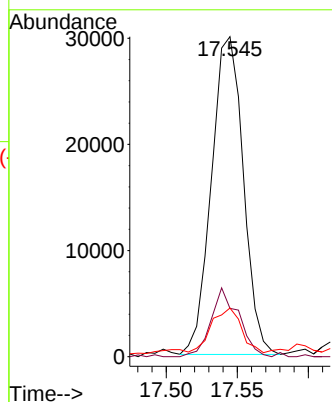
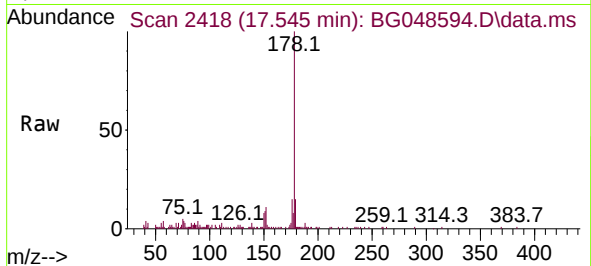




#71
Phenanthrene
Concen: 3.53 ng
RT: 17.545 min Scan# 2418
Delta R.T. -0.002 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

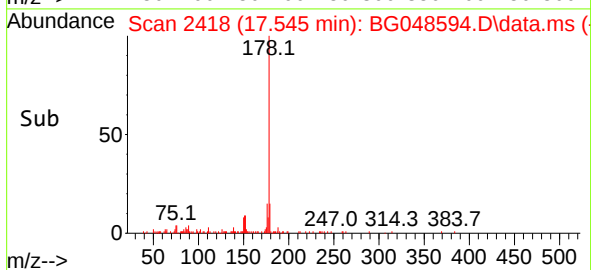
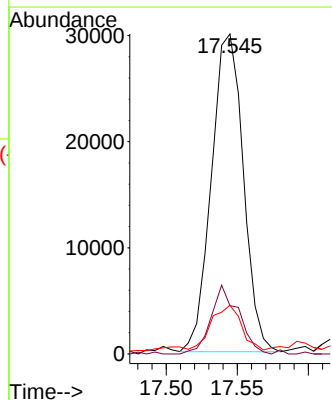
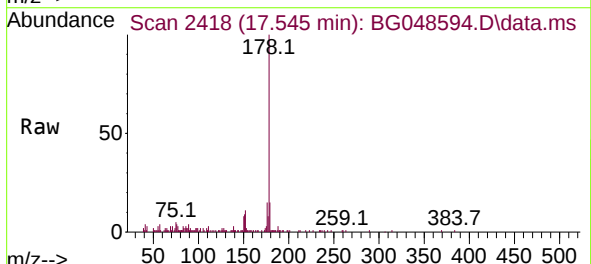
Instrument :
BNA_G
ClientSampleID :
B5-19-21DL

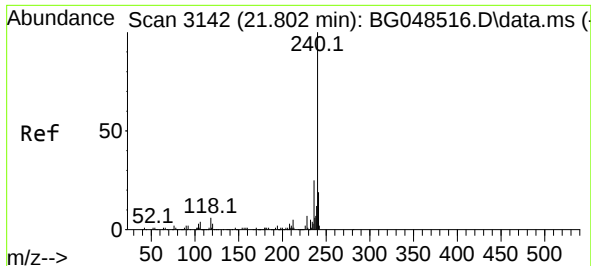
Tgt Ion:178 Resp: 46729
Ion Ratio Lower Upper
178 100
176 15.1 15.6 23.4#
179 15.2 12.9 19.3



#72
Anthracene
Concen: 3.54 ng
RT: 17.545 min Scan# 2418
Delta R.T. -0.096 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

Tgt Ion:178 Resp: 46729
Ion Ratio Lower Upper
178 100
176 15.1 14.1 21.1
179 15.2 11.9 17.9

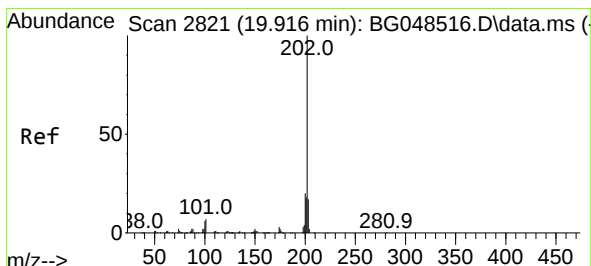
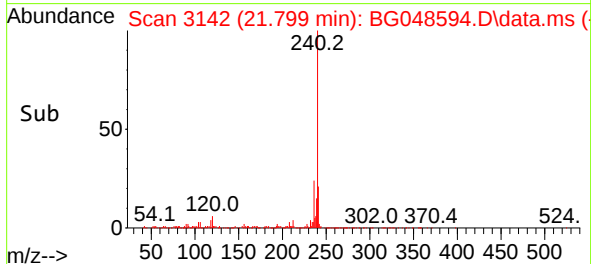
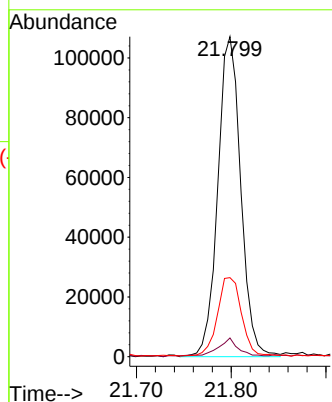
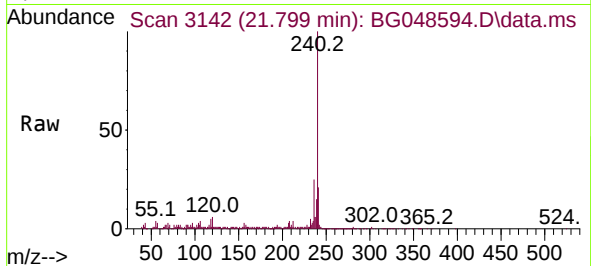




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.799 min Scan# 3142
Delta R.T. -0.002 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

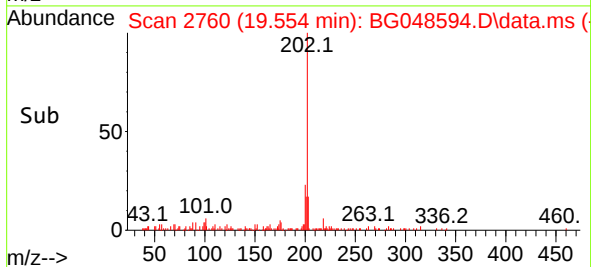
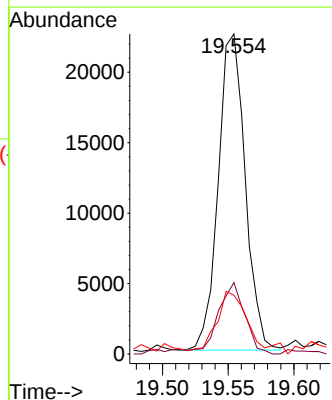
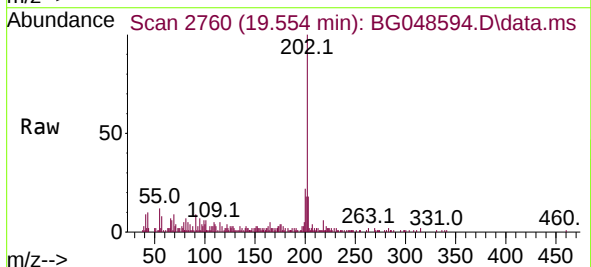
Instrument :
BNA_G
ClientSampleId :
B5-19-21DL

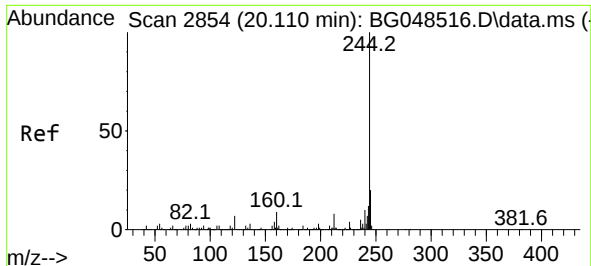
Tgt Ion:240 Resp: 180201
Ion Ratio Lower Upper
240 100
120 5.9 2.6 3.8#
236 24.7 19.8 29.6



#78
Pyrene
Concen: 2.59 ng
RT: 19.554 min Scan# 2760
Delta R.T. -0.367 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

Tgt Ion:202 Resp: 32060
Ion Ratio Lower Upper
202 100
200 22.3 16.1 24.1
203 18.4 13.6 20.4

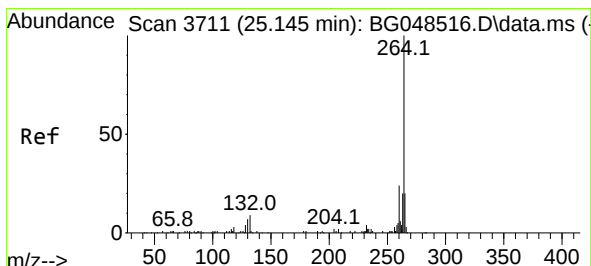
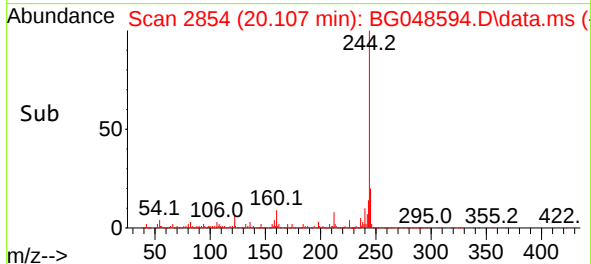
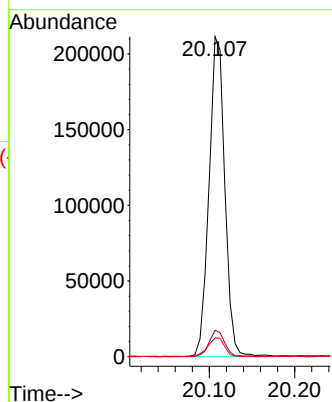
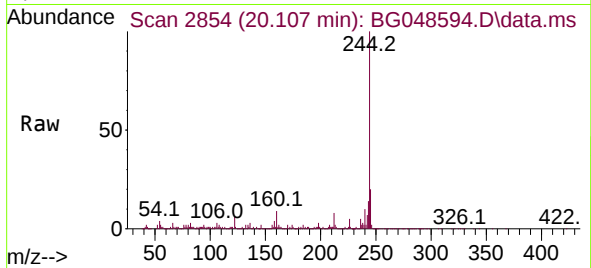




#79
Terphenyl-d14
Concen: 27.66 ng
RT: 20.107 min Scan# 2854
Delta R.T. -0.008 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

Instrument :
BNA_G
ClientSampled :
B5-19-21DL

Tgt Ion:244 Resp: 272603
Ion Ratio Lower Upper
244 100
212 8.3 6.0 9.0
122 5.9 5.8 8.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.142 min Scan# 3711
Delta R.T. -0.008 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

Tgt Ion:264 Resp: 180463
Ion Ratio Lower Upper
264 100
260 20.1 19.1 28.7
265 20.7 16.1 24.1

