

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041521\
 Data File : BG048716.D
 Acq On : 15 Apr 2021 19:46
 Operator : CG/JU
 Sample : M2017-01RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FISHKILL-SP-1RE

Quant Time: Apr 16 00:34:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 15 10:59:37 2021
 Response via : Initial Calibration

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

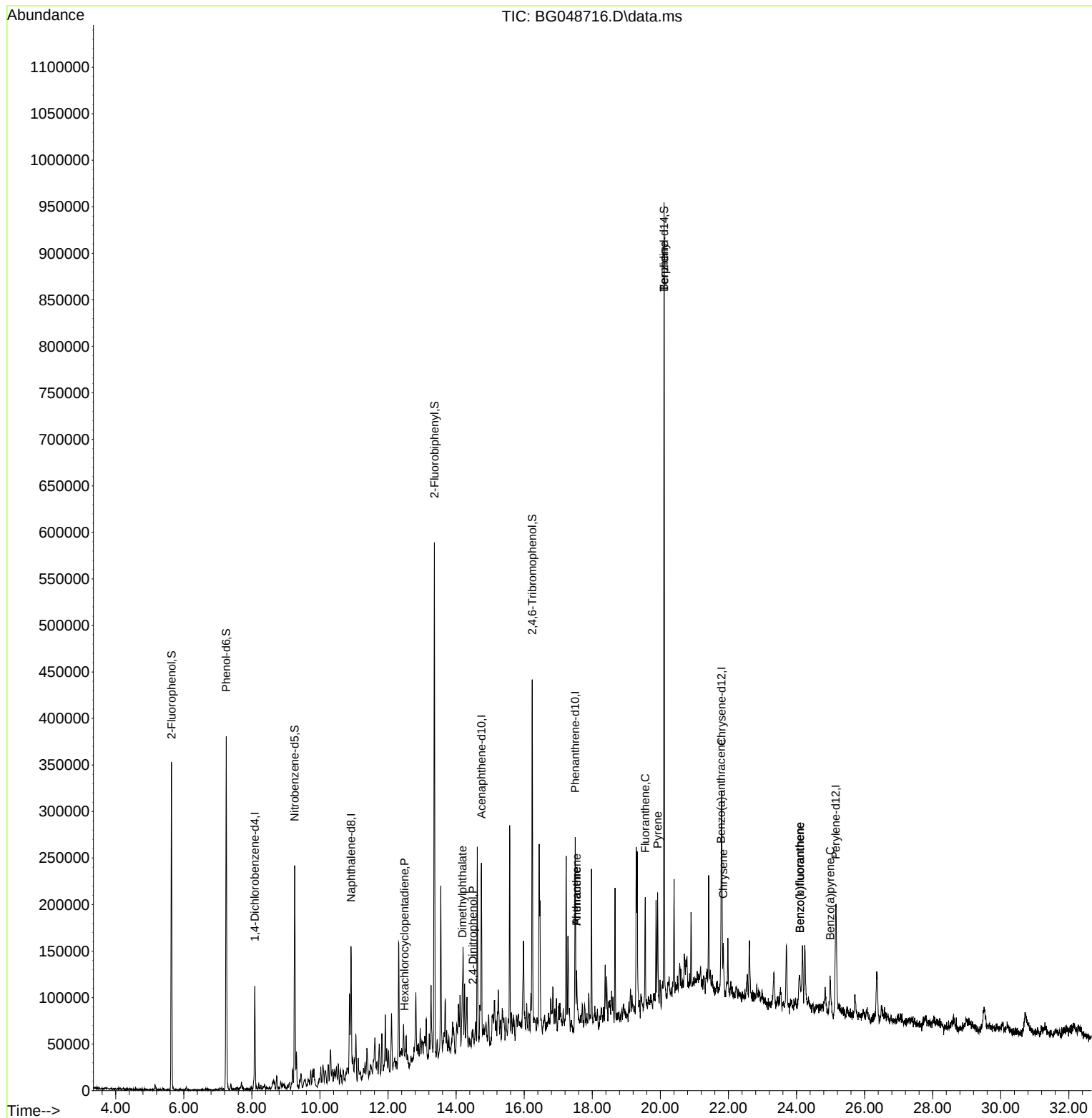
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	26611	20.00	ng	0.00
21) Naphthalene-d8	10.913	136	104290	20.00	ng	# 0.00
39) Acenaphthene-d10	14.744	164	57053	20.00	ng	0.00
64) Phenanthrene-d10	17.499	188	120931	20.00	ng	# 0.00
76) Chrysene-d12	21.800	240	124030	20.00	ng	# 0.00
86) Perylene-d12	25.155	264	122456	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	138558	87.08	ng	0.01
7) Phenol-d6	7.247	99	178677	79.39	ng	0.00
23) Nitrobenzene-d5	9.256	82	137310	58.95	ng	0.00
42) 2,4,6-Tribromophenol	16.236	330	59726	78.08	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	267461	67.70	ng	0.00
79) Terphenyl-d14	20.108	244	365893	50.77	ng	0.00
Target Compounds						
						Qvalue
41) Hexachlorocyclopentadiene	12.482	237	67	5.92	ng	# 31
50) Dimethylphthalate	14.186	163	12455	2.91	ng	# 93
54) 2,4-Dinitrophenol	14.491	184	81	5.41	ng	97
71) Phenanthrene	17.540	178	25917	4.13	ng	# 93
72) Anthracene	17.540	178	25917	4.17	ng	96
75) Fluoranthene	19.556	202	65431	8.24	ng	98
77) Benzidine	20.108	184	8885	2.64	ng	95
78) Pyrene	19.920	202	71055	8.28	ng	99
81) Benzo(a)anthracene	21.783	228	43075	5.08	ng	# 90
83) Chrysene	21.847	228	43684	5.41	ng	# 91
88) Benzo(b)fluoranthene	24.097	252	52307	6.30	ng	# 95
89) Benzo(k)fluoranthene	24.097	252	52307	6.70	ng	# 98
90) Benzo(a)pyrene	24.991	252	38008	4.97	ng	# 90

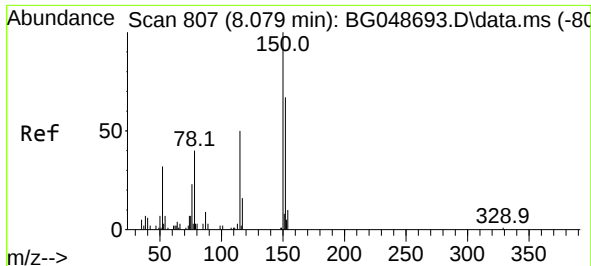
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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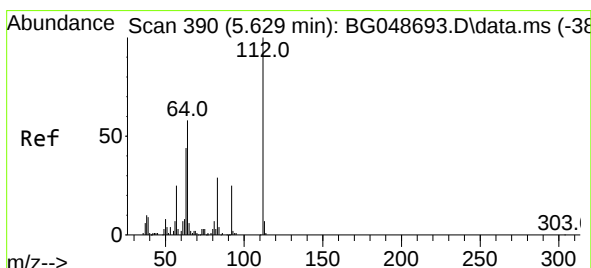
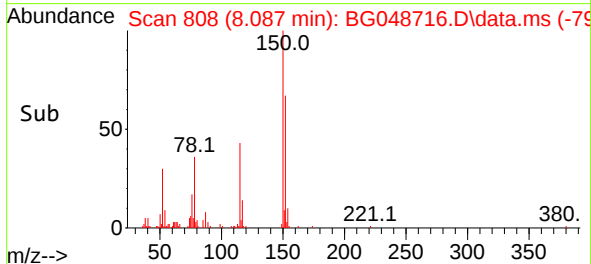
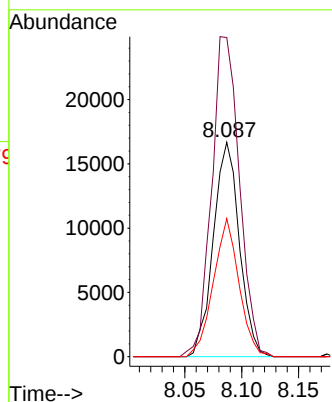
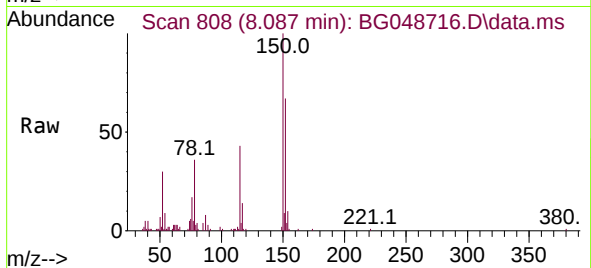




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.087 min Scan# 808
Delta R.T. -0.000 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

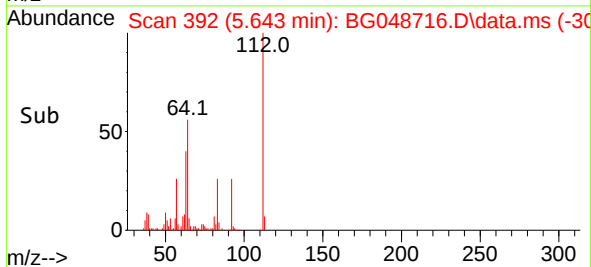
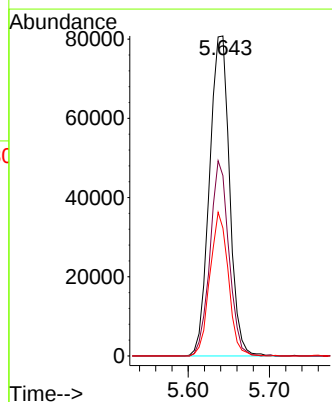
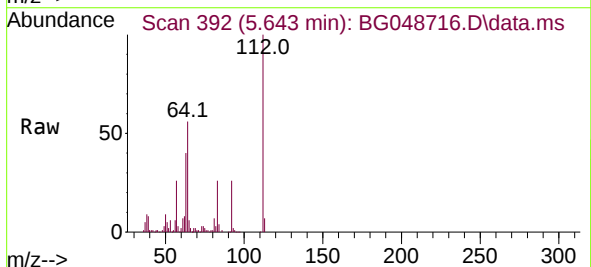
Instrument :
BNA_G
ClientSampleId :
FISHKILL-SP-1RE

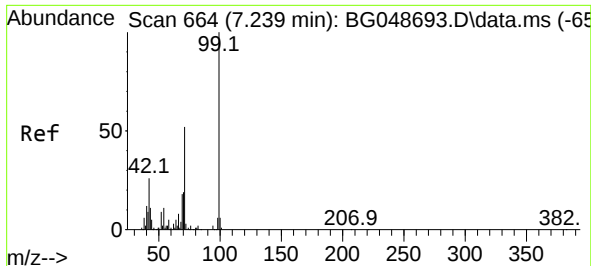
Tgt Ion:152 Resp: 26611
Ion Ratio Lower Upper
152 100
150 148.9 119.4 179.0
115 64.4 60.2 90.4



#5
2-Fluorophenol
Concen: 87.08 ng
RT: 5.643 min Scan# 392
Delta R.T. 0.011 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

Tgt Ion:112 Resp: 138558
Ion Ratio Lower Upper
112 100
64 56.4 46.7 70.1
63 40.0 35.3 52.9

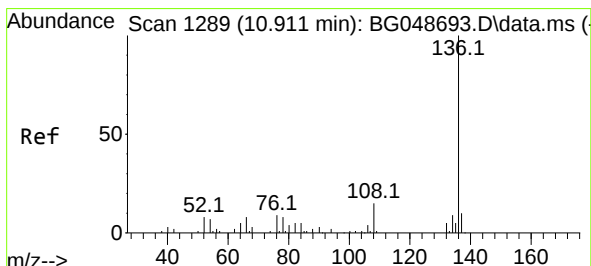
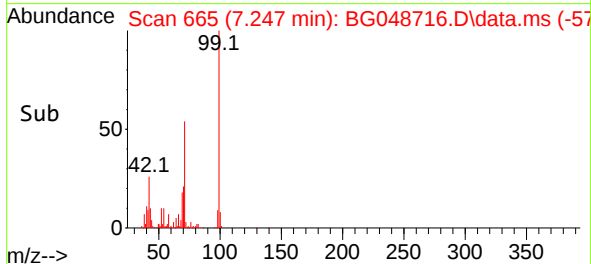
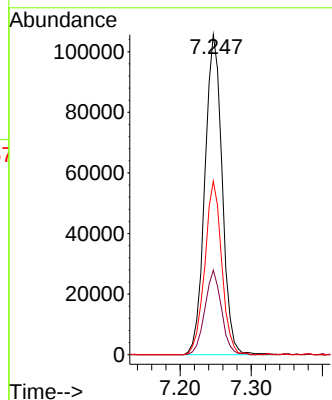
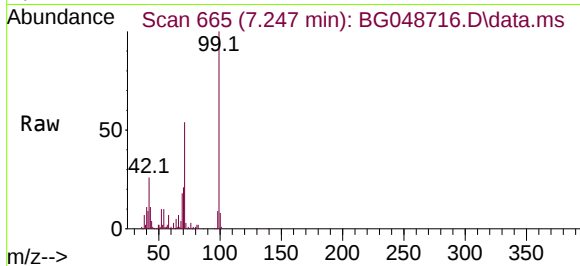




#7
Phenol-d6
Concen: 79.39 ng
RT: 7.247 min Scan# 665
Delta R.T. 0.005 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

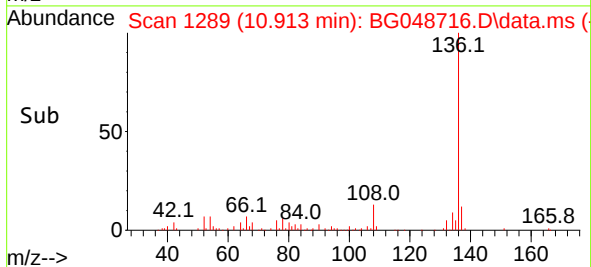
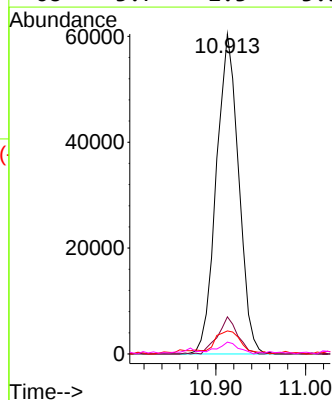
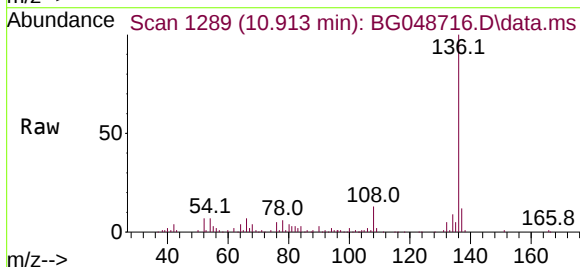
Instrument :
BNA_G
ClientSampleId :
FISHKILL-SP-1RE

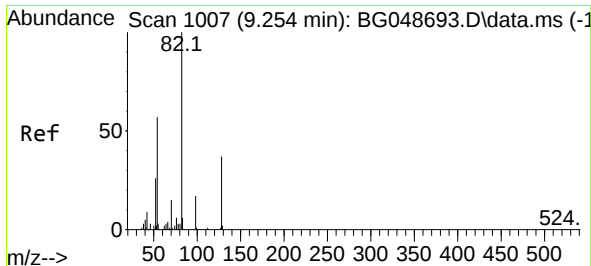
Tgt Ion: 99 Resp: 178677
Ion Ratio Lower Upper
99 100
42 26.4 20.5 30.7
71 54.2 41.5 62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.913 min Scan# 1289
Delta R.T. 0.005 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

Tgt Ion: 136 Resp: 104290
Ion Ratio Lower Upper
136 100
137 11.6 8.2 12.2
54 7.2 5.5 8.3
68 3.7 2.3 3.5#

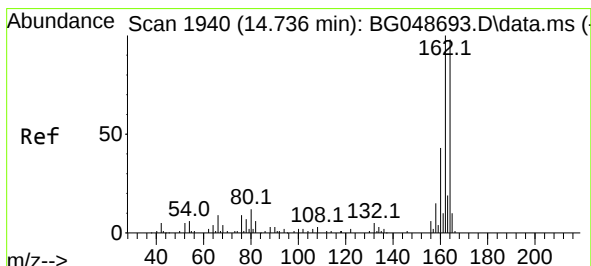
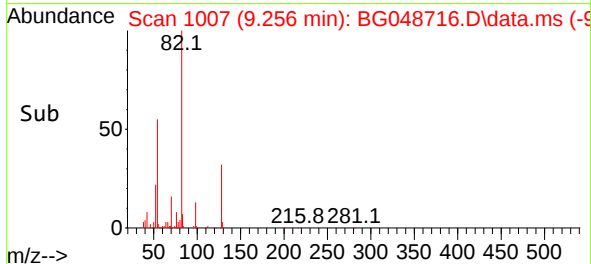
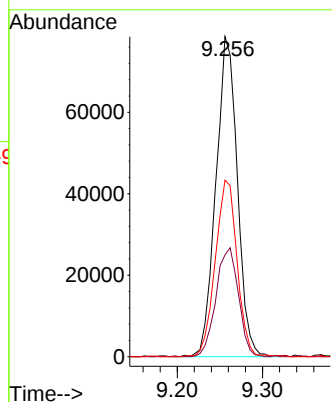
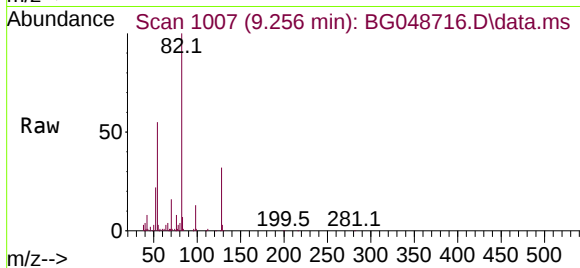




#23
Nitrobenzene-d5
Concen: 58.95 ng
RT: 9.256 min Scan# 1007
Delta R.T. -0.001 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

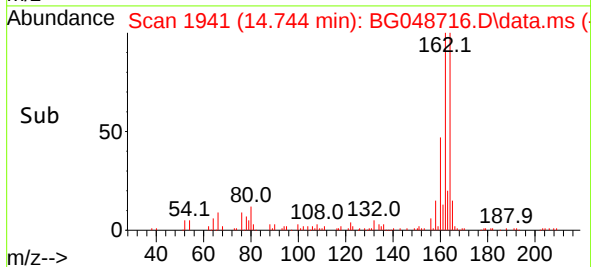
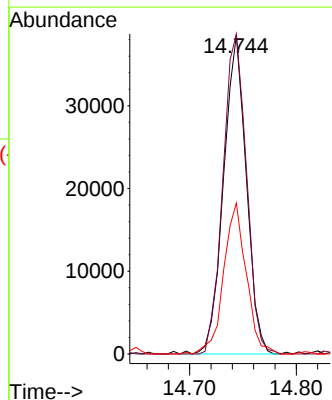
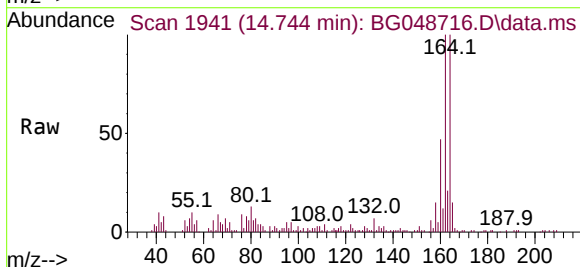
Instrument :
BNA_G
ClientSampleId :
FISHKILL-SP-1RE

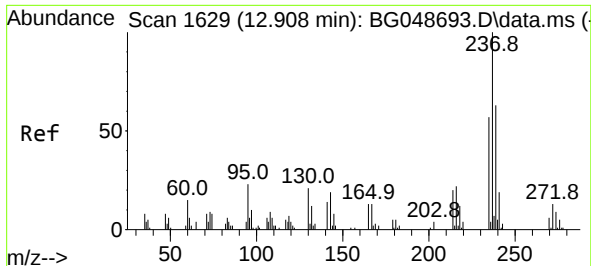
Tgt Ion: 82 Resp: 137310
Ion Ratio Lower Upper
82 100
128 31.8 29.8 44.6
54 55.1 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.744 min Scan# 1941
Delta R.T. 0.005 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

Tgt Ion: 164 Resp: 57053
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 47.4 34.9 52.3

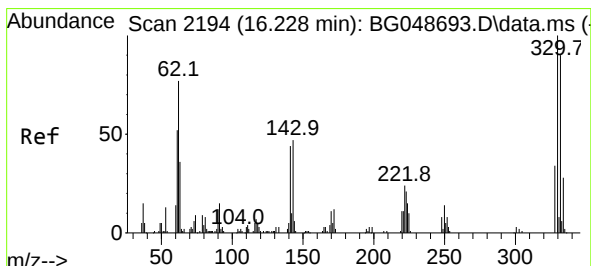
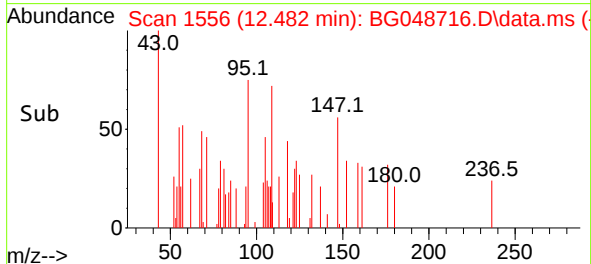
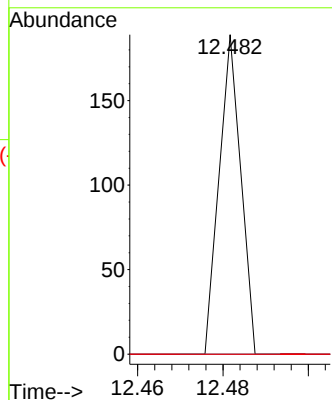
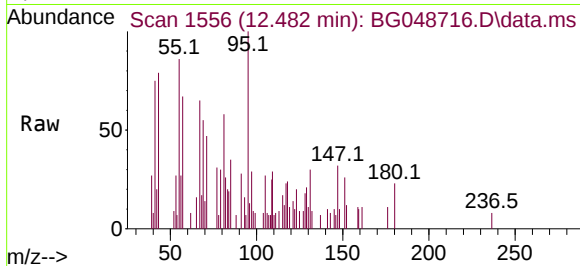




#41
Hexachlorocyclopentadiene
Concen: 5.92 ng
RT: 12.482 min Scan# 1556
Delta R.T. -0.429 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

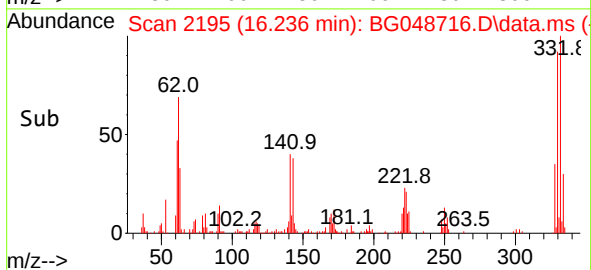
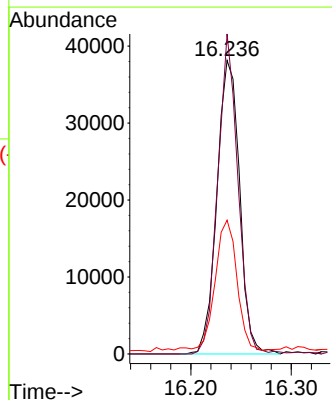
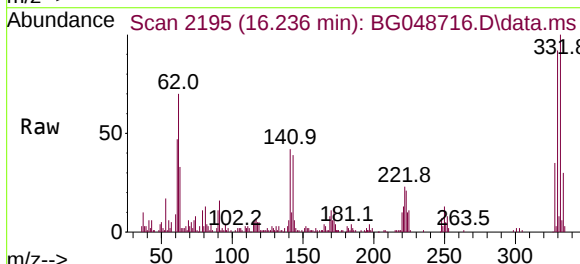
Instrument :
BNA_G
ClientSampleId :
FISHKILL-SP-1RE

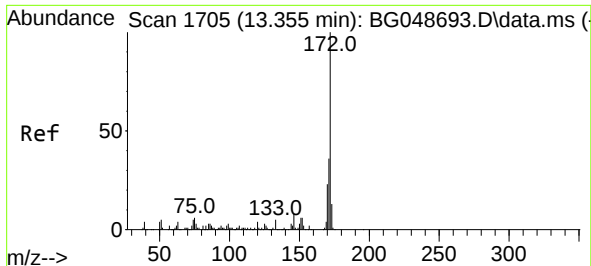
Tgt Ion:237 Resp: 67
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 78.08 ng
RT: 16.236 min Scan# 2195
Delta R.T. 0.005 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

Tgt Ion:330 Resp: 59726
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 42.4 35.6 53.4

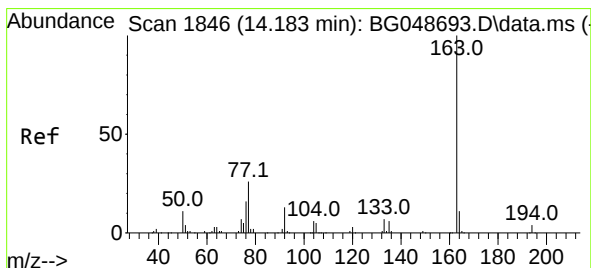
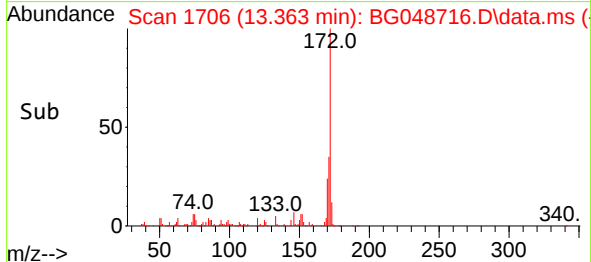
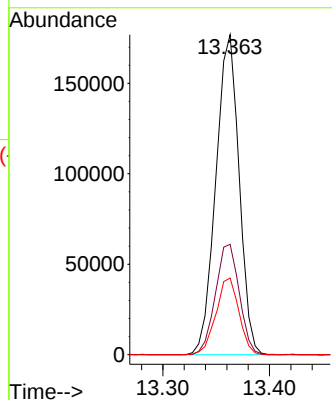
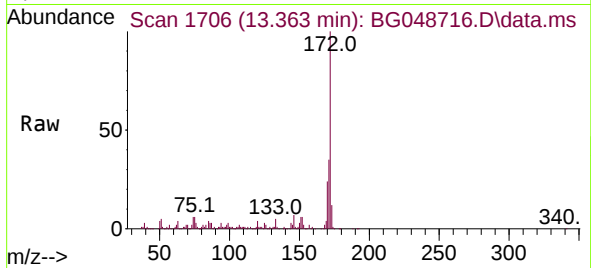




#45
2-Fluorobiphenyl
Concen: 67.70 ng
RT: 13.363 min Scan# 1706
Delta R.T. 0.005 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

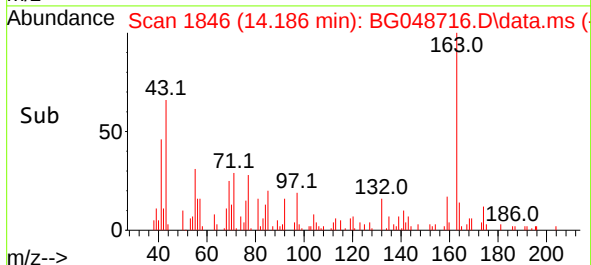
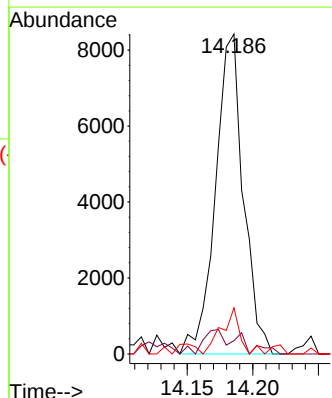
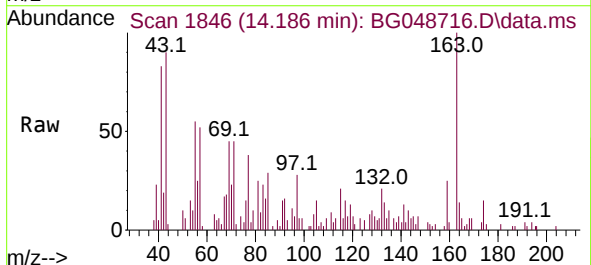
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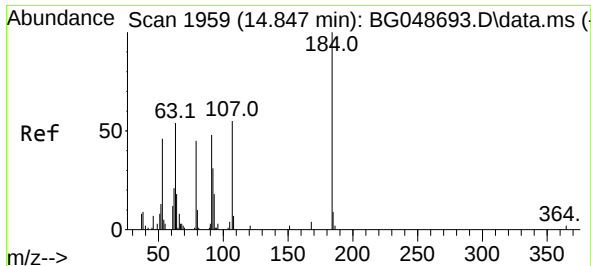
Tgt Ion:172 Resp: 267461
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 23.9 18.6 27.8



#50
Dimethylphthalate
Concen: 2.91 ng
RT: 14.186 min Scan# 1846
Delta R.T. -0.001 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

Tgt Ion:163 Resp: 12455
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 14.4 8.6 12.8#

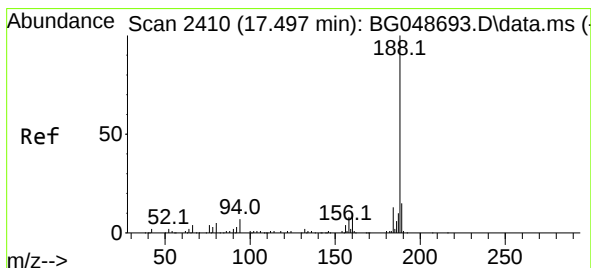
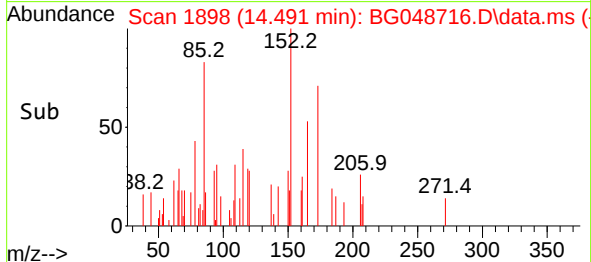
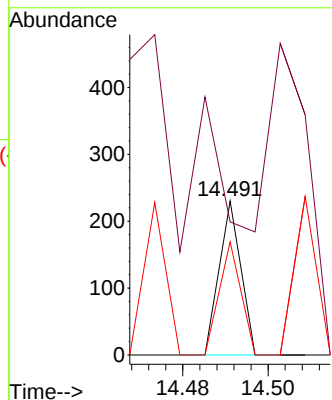
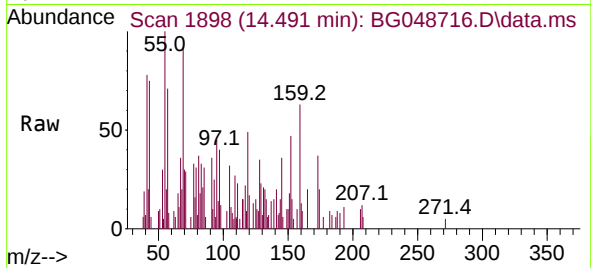




#54
2,4-Dinitrophenol
Concen: 5.41 ng
RT: 14.491 min Scan# 1898
Delta R.T. -0.359 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

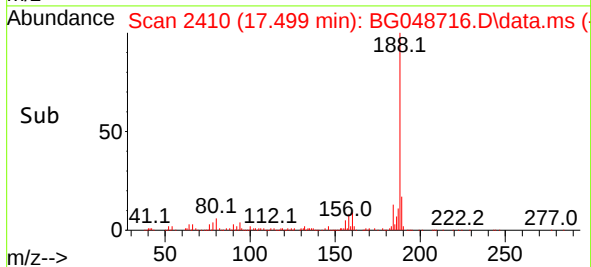
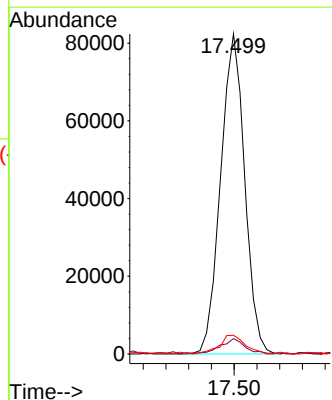
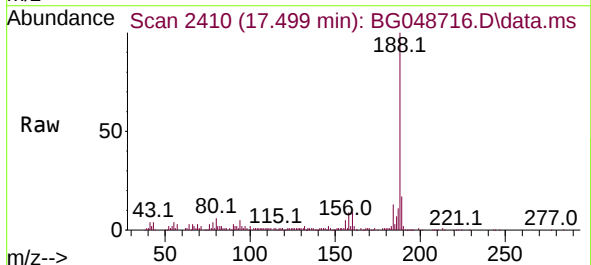
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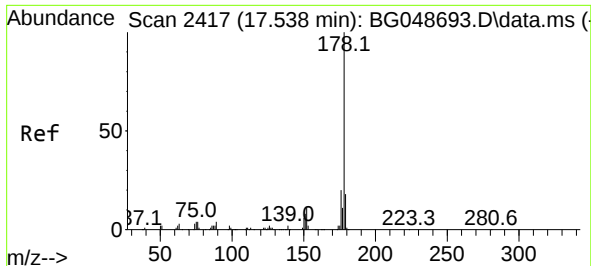
Tgt Ion:184 Resp: 81
Ion Ratio Lower Upper
184 100
63 86.5 68.3 102.5
154 73.5 62.6 93.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.499 min Scan# 2410
Delta R.T. 0.005 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

Tgt Ion:188 Resp: 120931
Ion Ratio Lower Upper
188 100
94 4.8 5.4 8.0#
80 5.8 3.7 5.5#

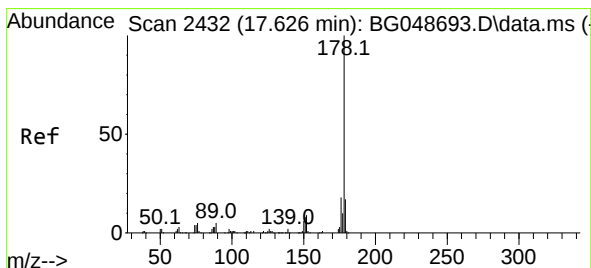
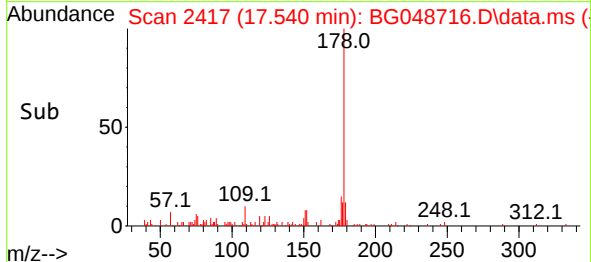
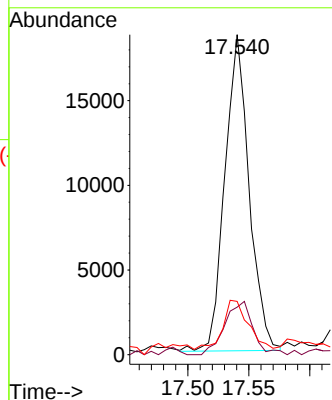
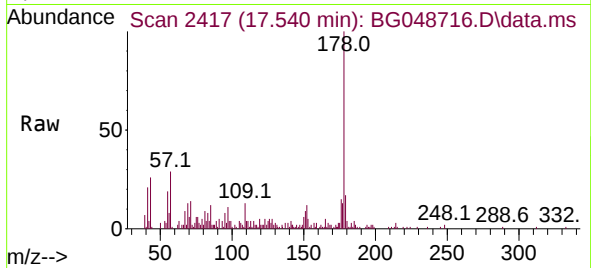




#71
Phenanthrene
Concen: 4.13 ng
RT: 17.540 min Scan# 2417
Delta R.T. 0.005 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

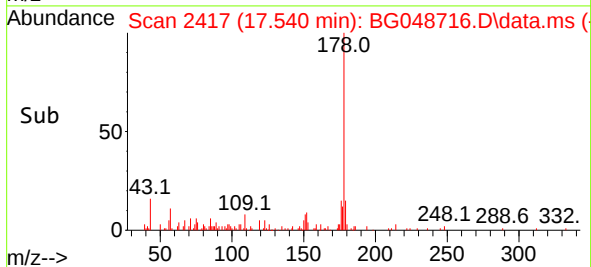
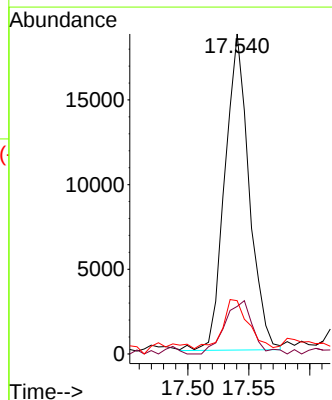
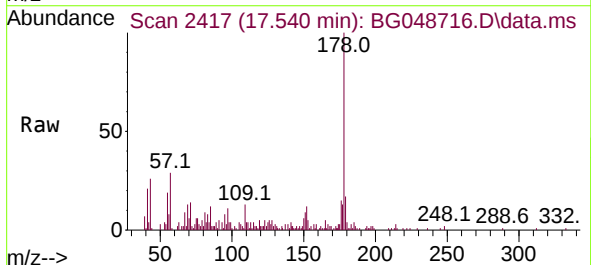
Instrument :
BNA_G
ClientSampleId :
FISHKILL-SP-1RE

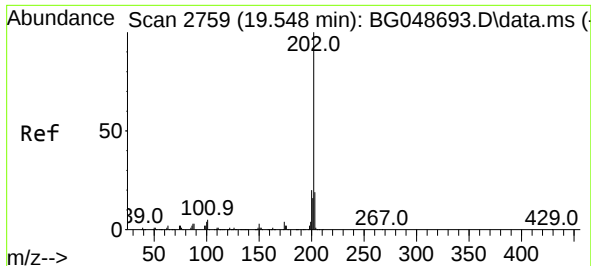
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Ion Ratio Lower Upper
178 100
176 14.8 16.0 24.0#
179 16.7 14.2 21.4



#72
Anthracene
Concen: 4.17 ng
RT: 17.540 min Scan# 2417
Delta R.T. -0.089 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

Tgt Ion:178 Resp: 25917
Ion Ratio Lower Upper
178 100
176 14.8 14.6 21.8
179 16.7 13.4 20.0

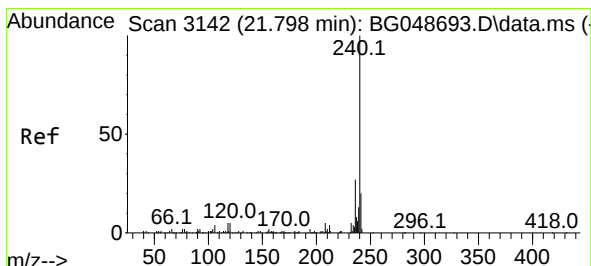
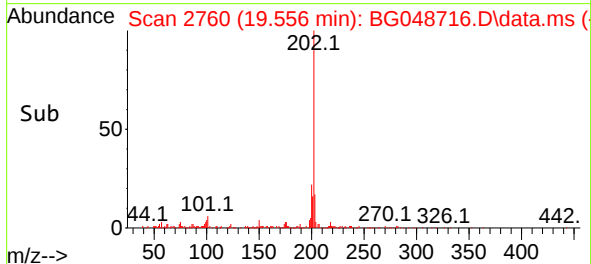
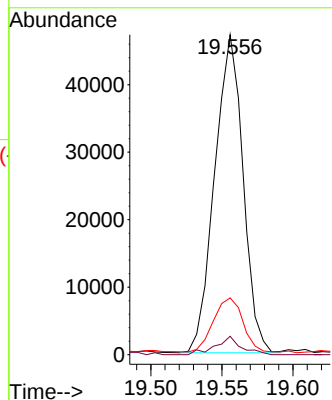
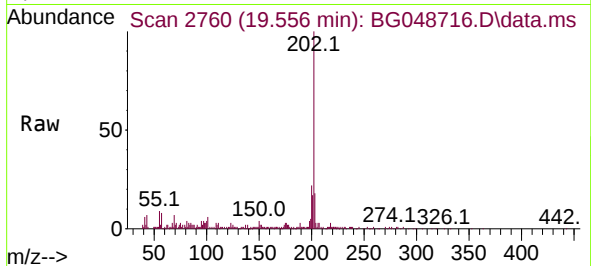




#75
Fluoranthene
Concen: 8.24 ng
RT: 19.556 min Scan# 2760
Delta R.T. 0.005 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

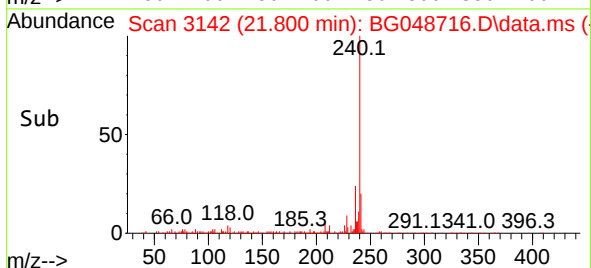
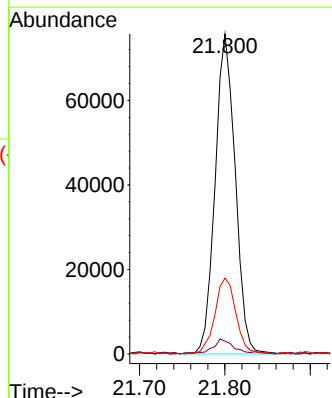
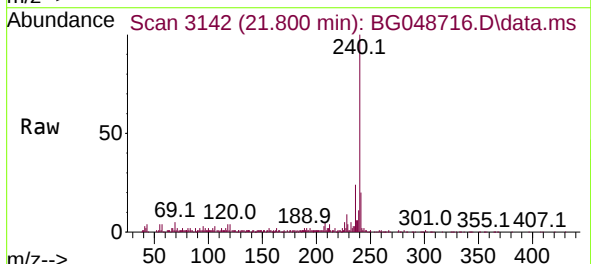
Instrument :
BNA_G
ClientSampleId :
FISHKILL-SP-1RE

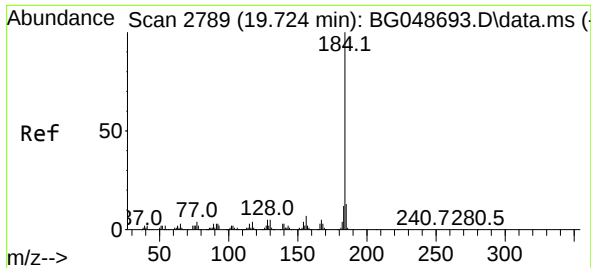
Tgt Ion:202 Resp: 65431
Ion Ratio Lower Upper
202 100
101 5.7 0.0 24.7
203 17.8 0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.800 min Scan# 3142
Delta R.T. 0.005 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

Tgt Ion:240 Resp: 124030
Ion Ratio Lower Upper
240 100
120 4.0 4.2 6.2#
236 23.7 21.8 32.6

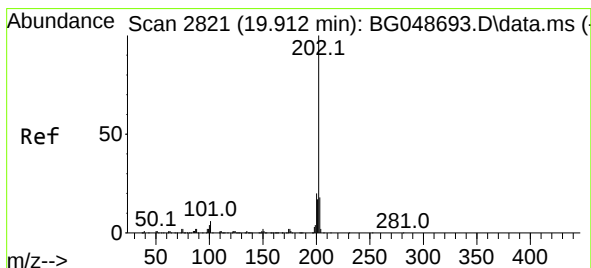
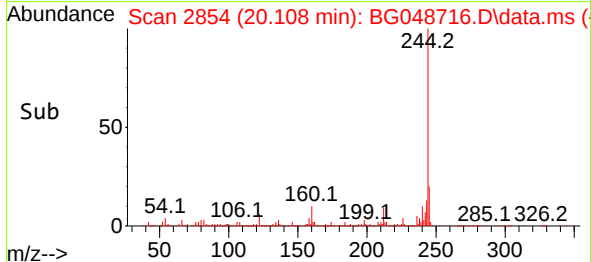
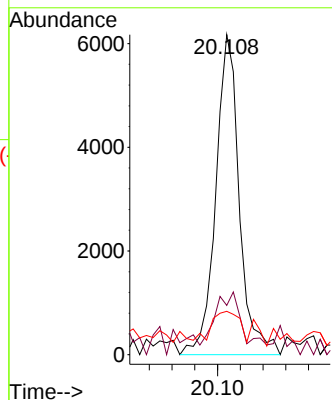
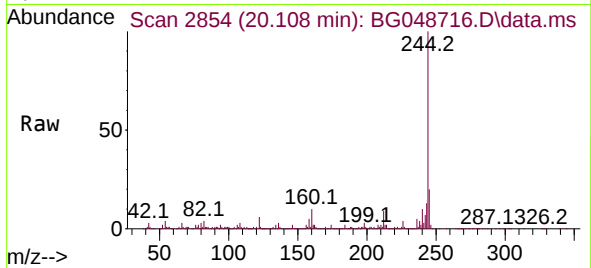




#77
Benzidine
Concen: 2.64 ng
RT: 20.108 min Scan# 2854
Delta R.T. 0.381 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

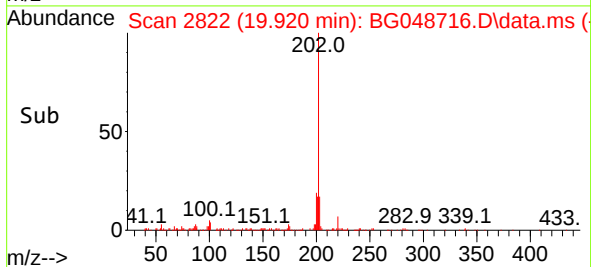
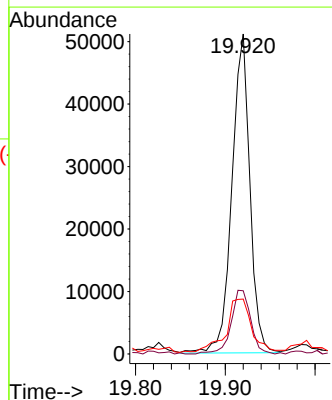
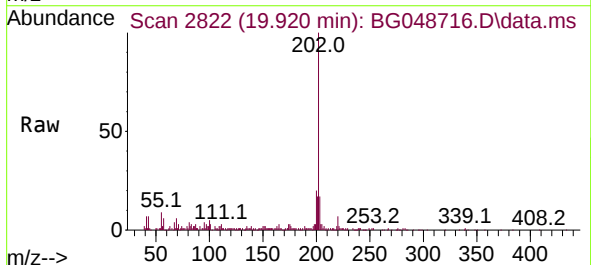
Instrument :
BNA_G
ClientSampleId :
FISHKILL-SP-1RE

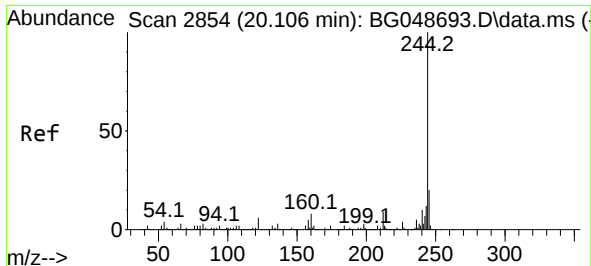
Tgt Ion:184 Resp: 8885
Ion Ratio Lower Upper
184 100
185 15.4 10.7 16.1
183 13.5 9.4 14.0



#78
Pyrene
Concen: 8.28 ng
RT: 19.920 min Scan# 2822
Delta R.T. 0.005 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

Tgt Ion:202 Resp: 71055
Ion Ratio Lower Upper
202 100
200 19.7 15.8 23.8
203 17.1 14.6 21.8

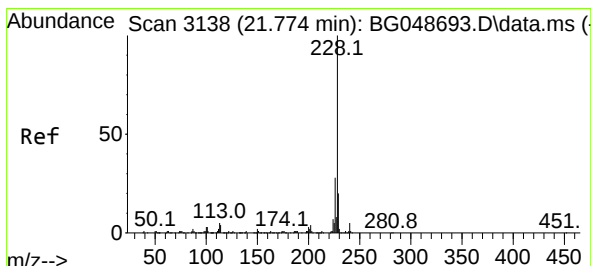
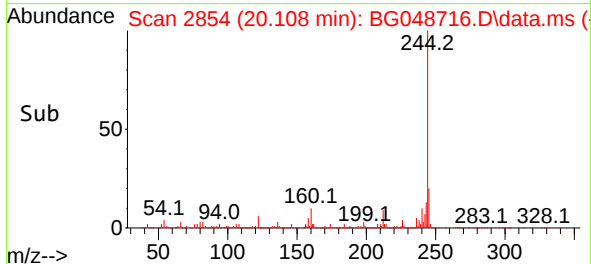
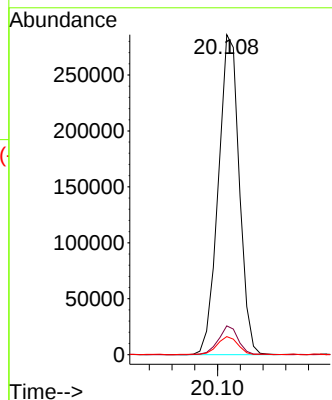
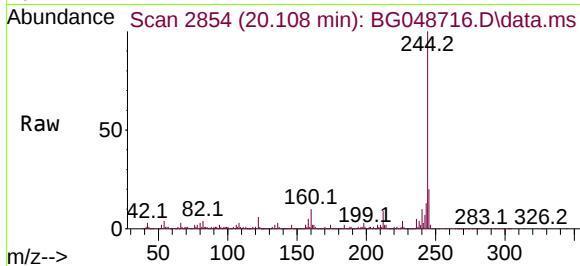




#79
 Terphenyl-d14
 Concen: 50.77 ng
 RT: 20.108 min Scan# 2854
 Delta R.T. -0.001 min
 Lab File: BG048716.D
 Acq: 15 Apr 2021 19:46

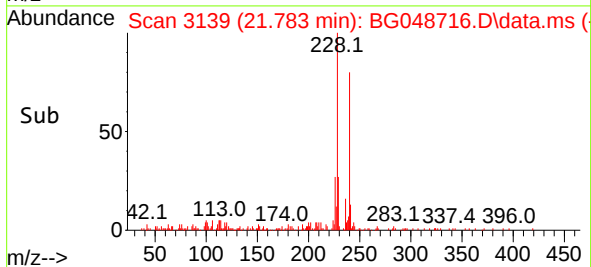
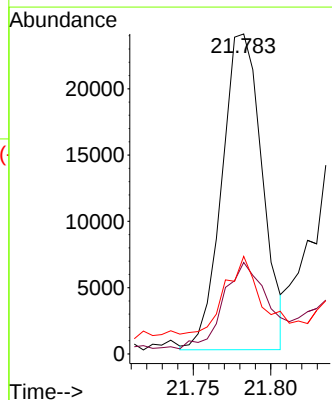
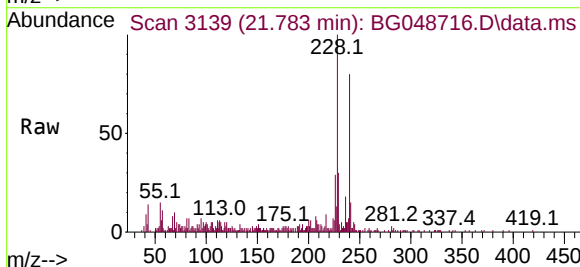
Instrument :
 BNA_G
 ClientSampleId :
 FISHKILL-SP-1RE

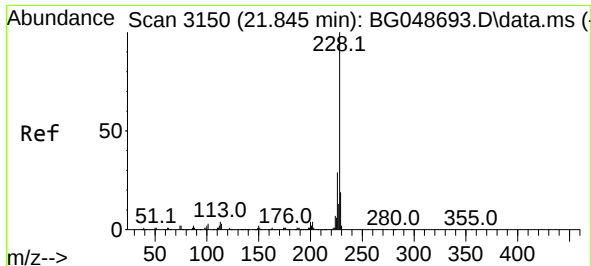
Tgt Ion:244 Resp: 365893
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.9 10.3
 122 5.6 5.0 7.6



#81
 Benzo(a)anthracene
 Concen: 5.08 ng
 RT: 21.783 min Scan# 3139
 Delta R.T. 0.005 min
 Lab File: BG048716.D
 Acq: 15 Apr 2021 19:46

Tgt Ion:228 Resp: 43075
 Ion Ratio Lower Upper
 228 100
 226 28.6 22.7 34.1
 229 30.5 16.0 24.0#

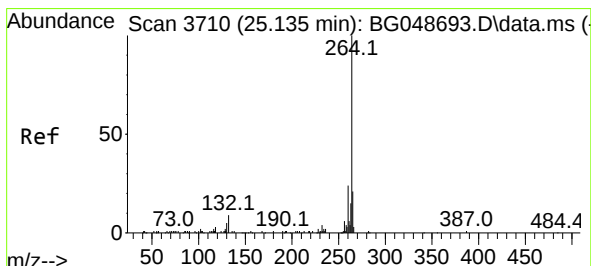
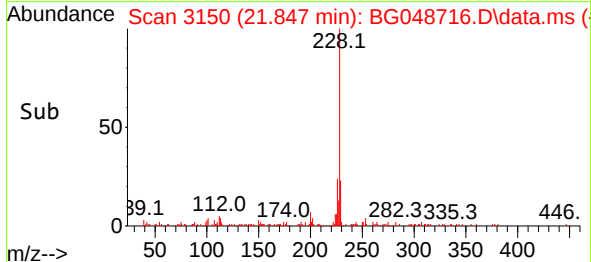
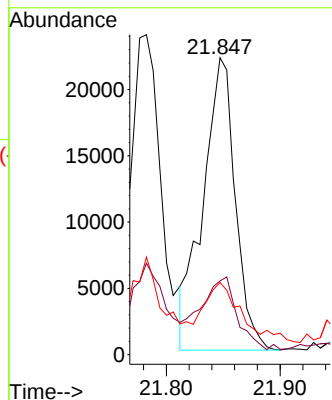
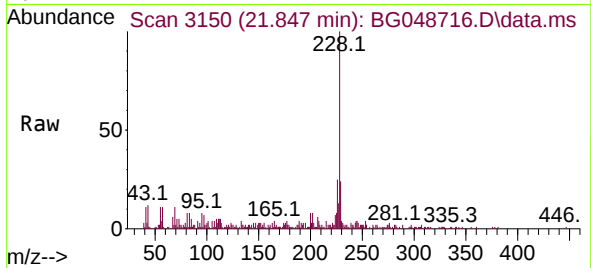




#83
Chrysene
Concen: 5.41 ng
RT: 21.847 min Scan# 3150
Delta R.T. 0.005 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

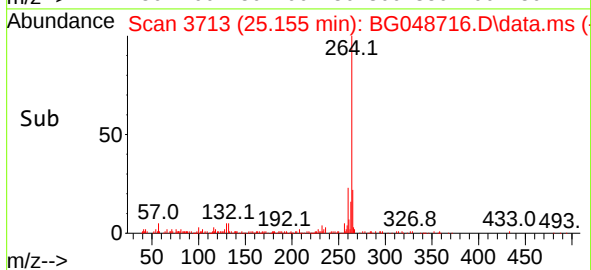
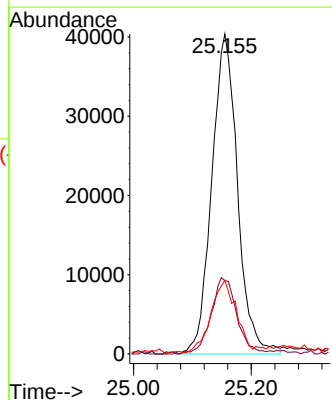
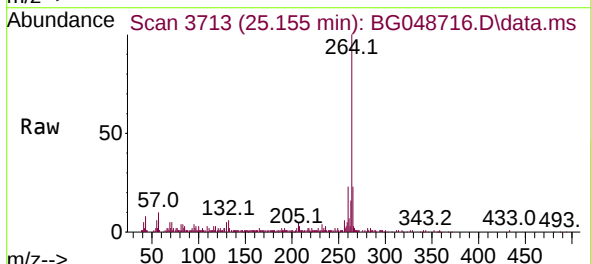
Instrument :
BNA_G
ClientSampleId :
FISHKILL-SP-1RE

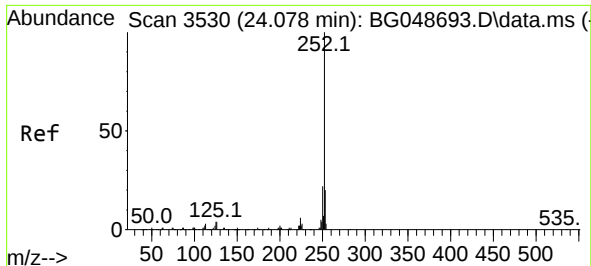
Tgt Ion:228 Resp: 43684
Ion Ratio Lower Upper
228 100
226 24.8 23.1 34.7
229 24.3 15.3 22.9#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.155 min Scan# 3713
Delta R.T. 0.017 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

Tgt Ion:264 Resp: 122456
Ion Ratio Lower Upper
264 100
260 22.9 19.4 29.2
265 23.1 16.9 25.3

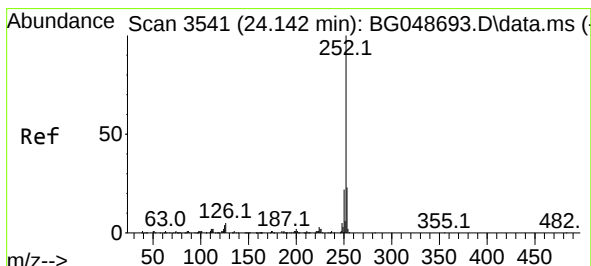
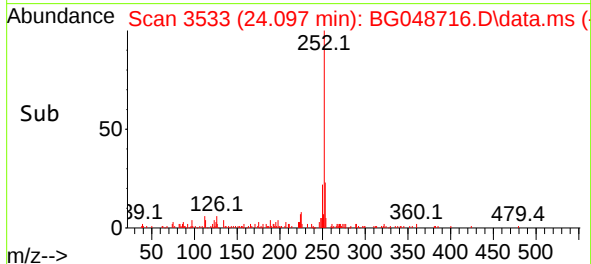
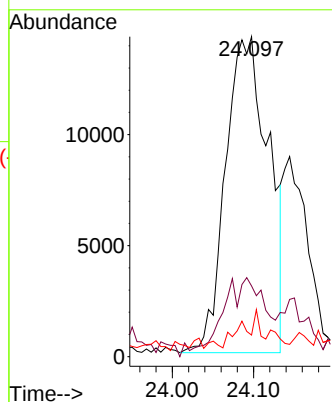
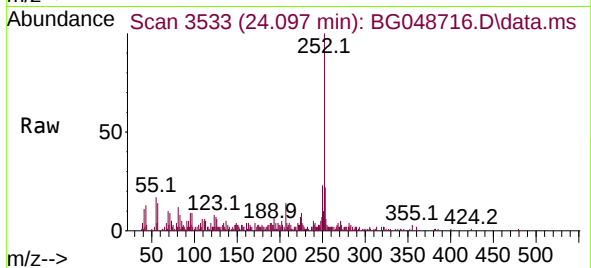




#88
Benzo(b)fluoranthene
Concen: 6.30 ng
RT: 24.097 min Scan# 3533
Delta R.T. 0.023 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

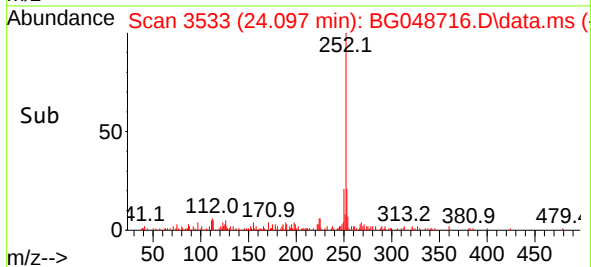
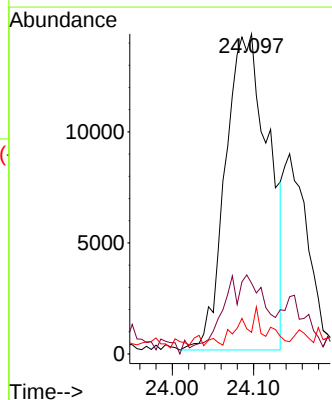
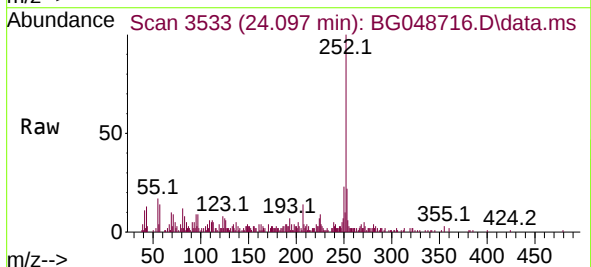
Instrument :
BNA_G
ClientSampleId :
FISHKILL-SP-1RE

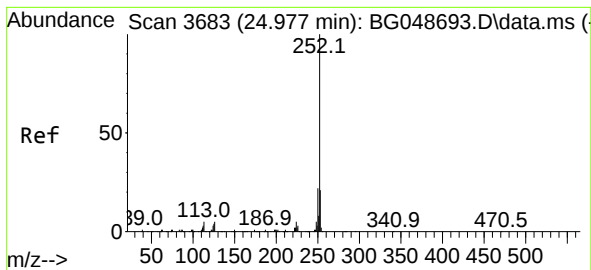
Tgt Ion:252 Resp: 52307
Ion Ratio Lower Upper
252 100
253 22.1 16.2 24.4
125 6.8 3.0 4.4#



#89
Benzo(k)fluoranthene
Concen: 6.70 ng
RT: 24.097 min Scan# 3533
Delta R.T. -0.048 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

Tgt Ion:252 Resp: 52307
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 6.8 3.1 4.7#





#90
Benzo(a)pyrene
Concen: 4.97 ng
RT: 24.991 min Scan# 3685
Delta R.T. 0.011 min
Lab File: BG048716.D
Acq: 15 Apr 2021 19:46

Instrument :
BNA_G
ClientSampleId :
FISHKILL-SP-1RE

Tgt Ion:252 Resp: 38008
Ion Ratio Lower Upper
252 100
253 26.1 16.6 25.0#
125 5.4 3.5 5.3#

