

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040921\
 Data File : BG048658.D
 Acq On : 9 Apr 2021 23:46
 Operator : CG/JU
 Sample : M1985-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11939-72-11936

Quant Time: Apr 10 00:56:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:06:00 2021
 Response via : Initial Calibration

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

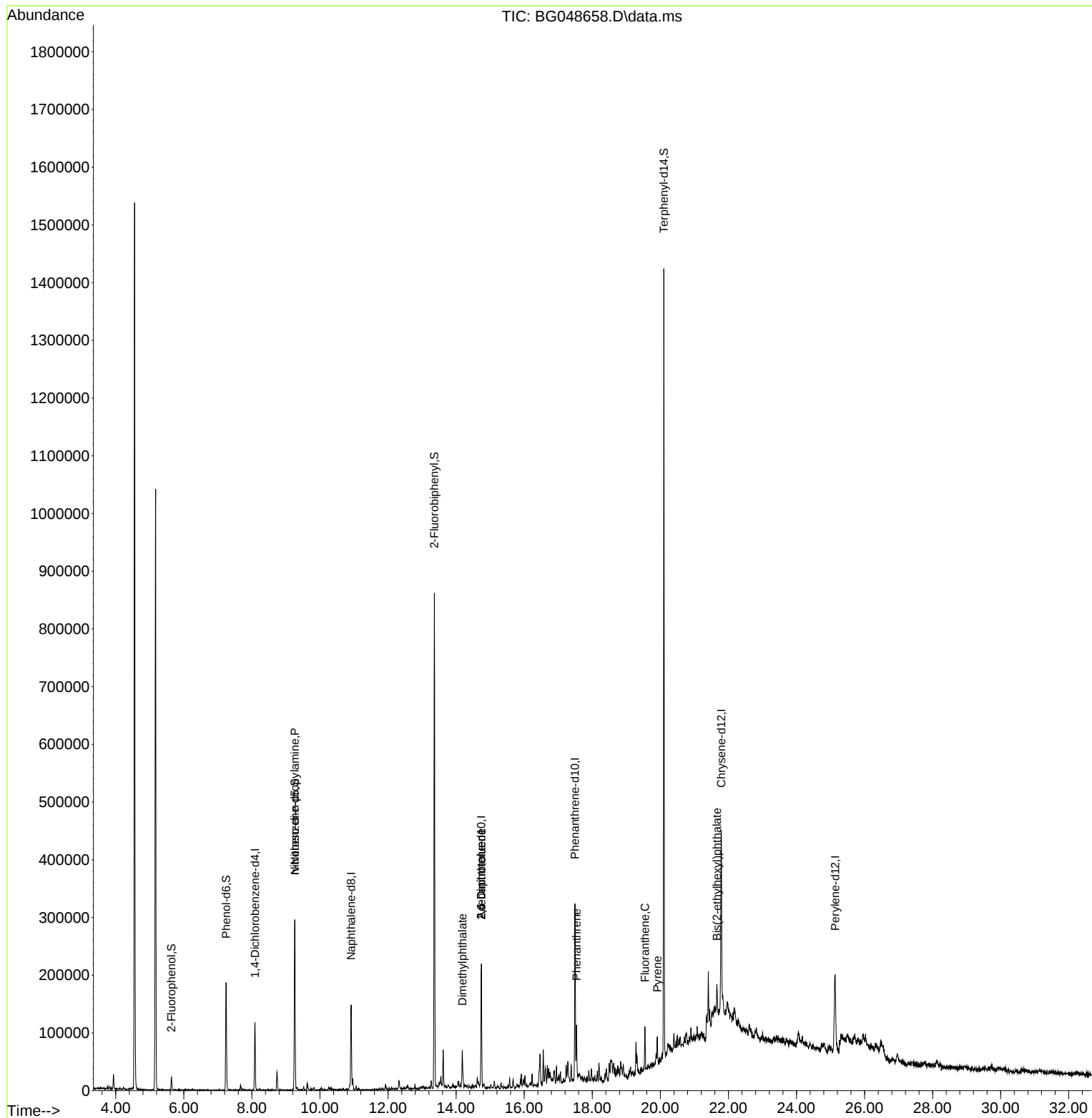
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	30681	20.00	ng	# 0.00
21) Naphthalene-d8	10.916	136	127483	20.00	ng	# 0.00
39) Acenaphthene-d10	14.741	164	73736	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	188599	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	200010	20.00	ng	# 0.00
86) Perylene-d12	25.135	264	148777	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	10019	5.77	ng	0.00
7) Phenol-d6	7.244	99	104987	41.66	ng	0.00
23) Nitrobenzene-d5	9.260	82	177325	67.34	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	215	0.22	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	437703	88.23	ng	0.00
79) Terphenyl-d14	20.106	244	621487	56.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.260	70	27086	15.59	ng	# 71
50) Dimethylphthalate	14.183	163	39258	7.17	ng	98
51) 2,6-Dinitrotoluene	14.741	165	10745	8.58	ng	# 22
57) 2,4-Dinitrotoluene	14.741	165	10745	6.07	ng	# 27
71) Phenanthrene	17.538	178	50766	5.19	ng	# 89
75) Fluoranthene	19.548	202	43599	3.59	ng	90
78) Pyrene	19.912	202	31580	2.30	ng	99
84) Bis(2-ethylhexyl)phtha...	21.663	149	18167	2.55	ng	# 97

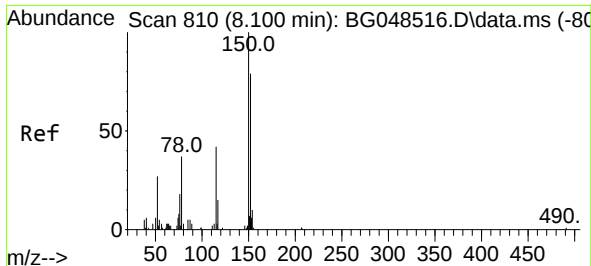
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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72-11939-72-11936

Quant Time: Apr 10 00:56:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

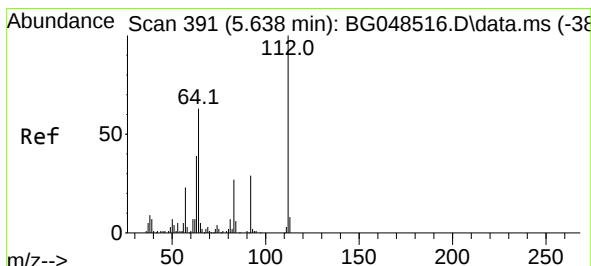
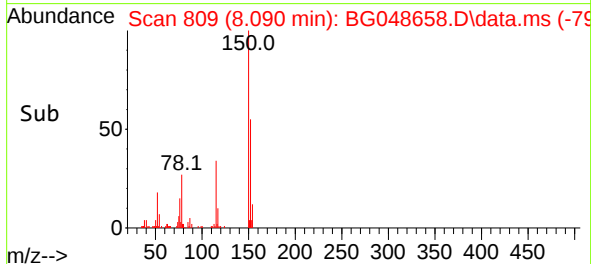
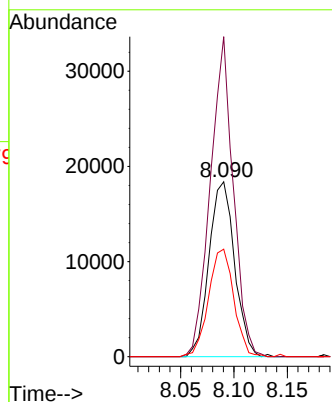
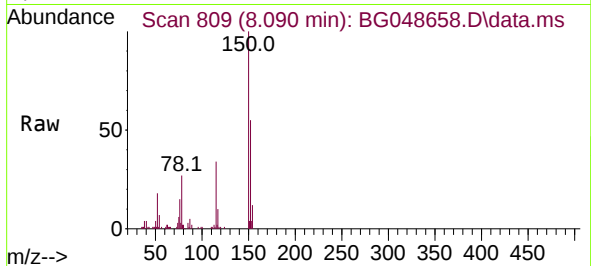




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.090 min Scan# 809
Delta R.T. -0.010 min
Lab File: BG048658.D
Acq: 9 Apr 2021 23:46

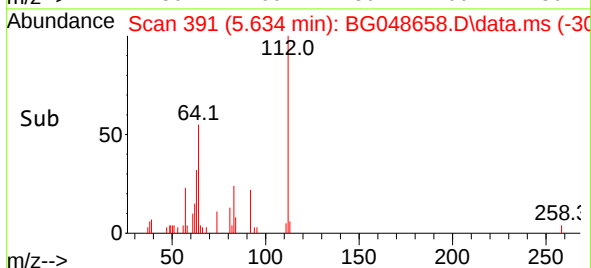
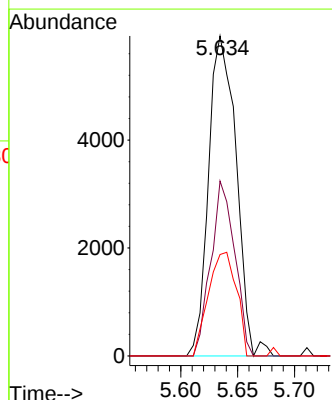
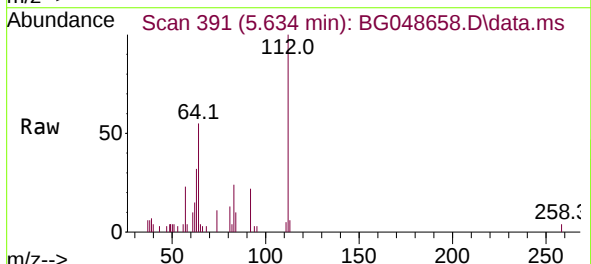
Instrument :
BNA_G
ClientSampleId :
72-11939-72-11936

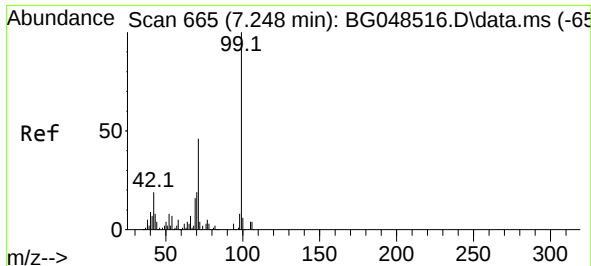
Tgt Ion:152 Resp: 30681
Ion Ratio Lower Upper
152 100
150 183.0 101.3 151.9#
115 61.4 42.3 63.5



#5
2-Fluorophenol
Concen: 5.77 ng
RT: 5.634 min Scan# 391
Delta R.T. -0.004 min
Lab File: BG048658.D
Acq: 9 Apr 2021 23:46

Tgt Ion:112 Resp: 10019
Ion Ratio Lower Upper
112 100
64 54.6 50.4 75.6
63 31.7 31.4 47.2

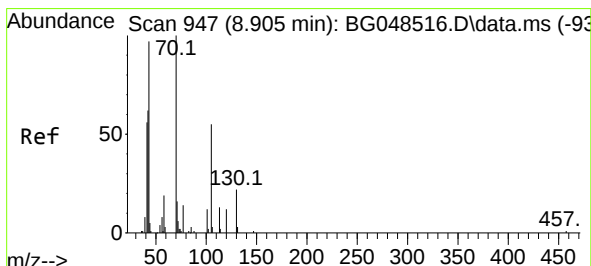
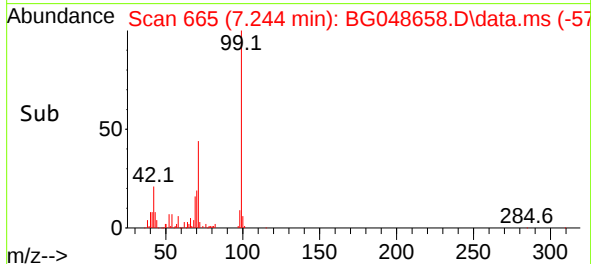
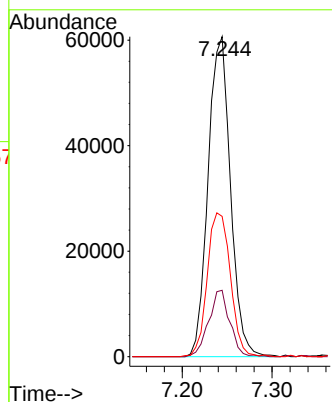
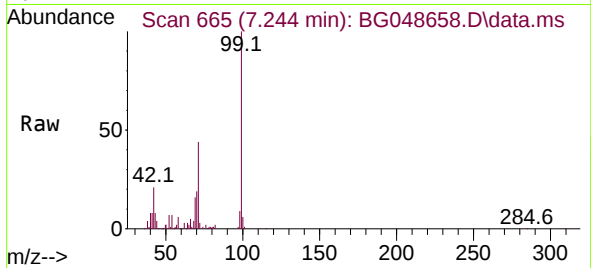




#7
Phenol-d6
Concen: 41.66 ng
RT: 7.244 min Scan# 665
Delta R.T. -0.004 min
Lab File: BG048658.D
Acq: 9 Apr 2021 23:46

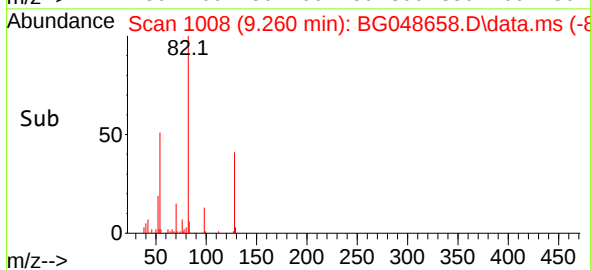
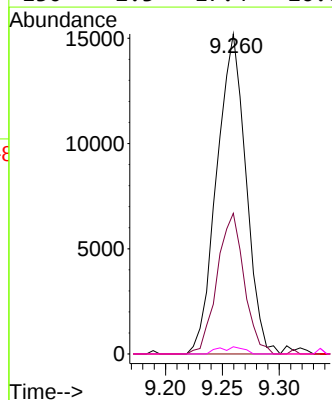
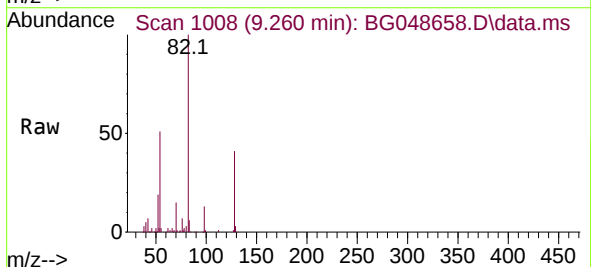
Instrument :
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ClientSampleId :
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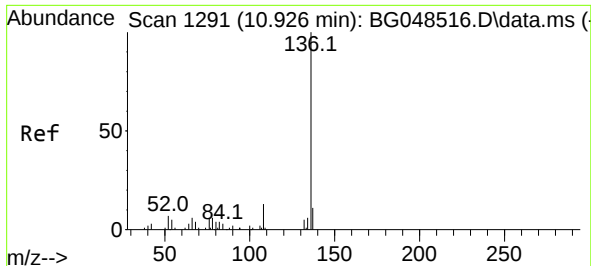
Tgt Ion: 99 Resp: 104987
Ion Ratio Lower Upper
99 100
42 20.7 15.5 23.3
71 43.8 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.59 ng
RT: 9.260 min Scan# 1008
Delta R.T. 0.355 min
Lab File: BG048658.D
Acq: 9 Apr 2021 23:46

Tgt Ion: 70 Resp: 27086
Ion Ratio Lower Upper
70 100
42 44.0 50.8 76.2#
101 0.0 9.7 14.5#
130 2.3 17.4 26.0#

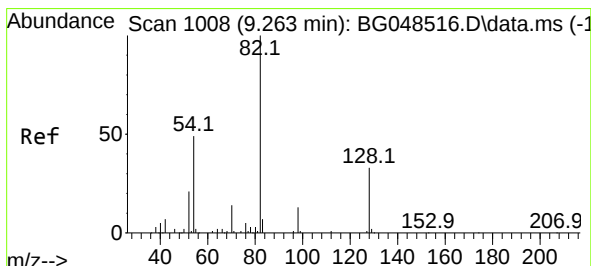
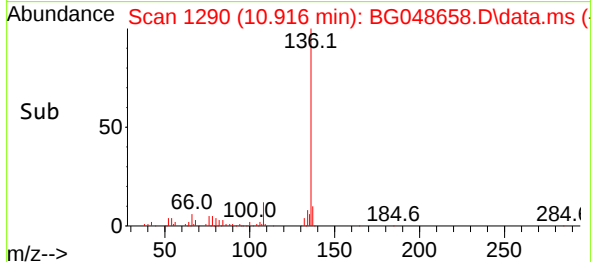
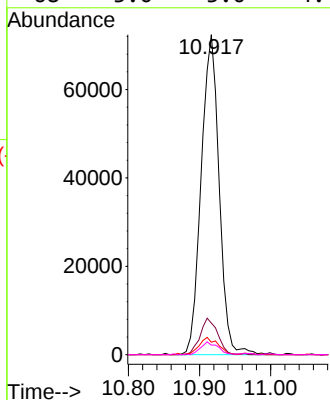
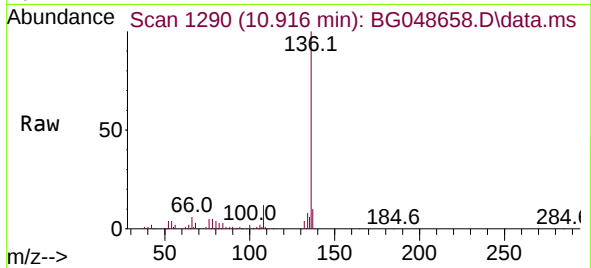




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.916 min Scan# 1290
Delta R.T. -0.010 min
Lab File: BG048658.D
Acq: 9 Apr 2021 23:46

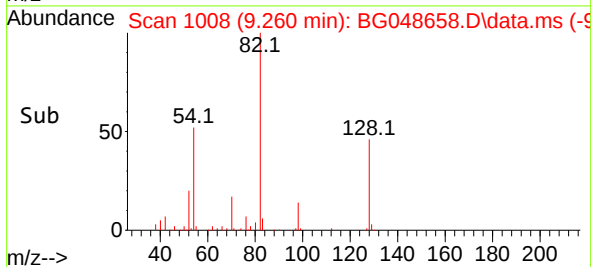
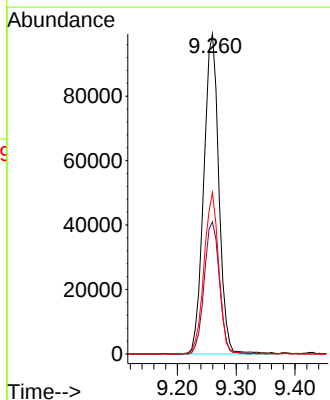
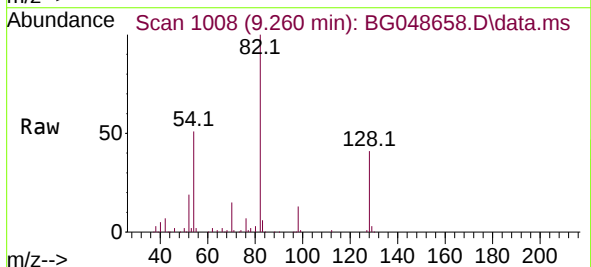
Instrument :
BNA_G
ClientSampleId :
72-11939-72-11936

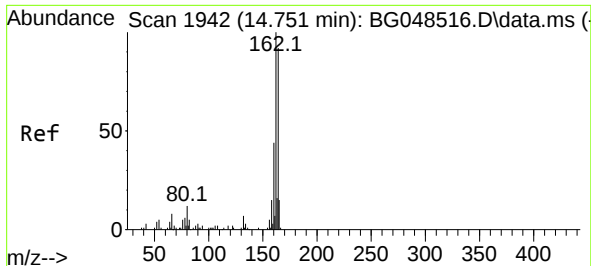
Tgt Ion:136	Resp:	127483
Ion Ratio	Lower	Upper
136	100	
137	9.9	8.6 12.8
54	3.9	4.2 6.4#
68	3.0	3.0 4.4



#23
Nitrobenzene-d5
Concen: 67.34 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG048658.D
Acq: 9 Apr 2021 23:46

Tgt Ion: 82	Resp:	177325
Ion Ratio	Lower	Upper
82	100	
128	41.3	26.2 39.4#
54	50.5	38.9 58.3

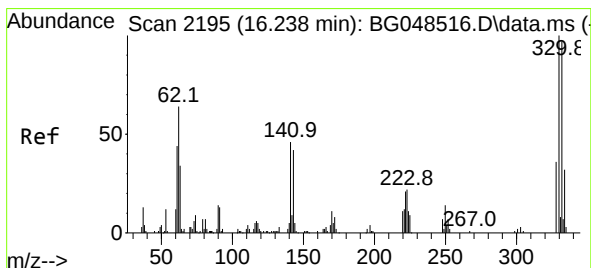
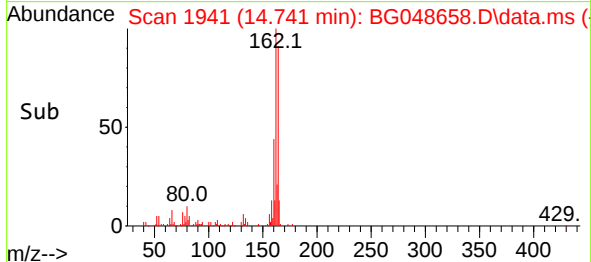
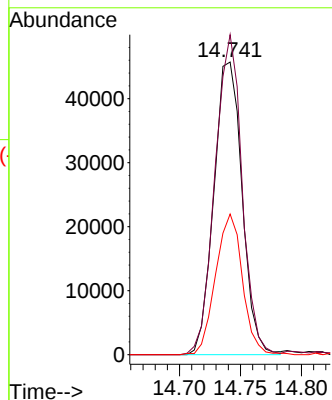
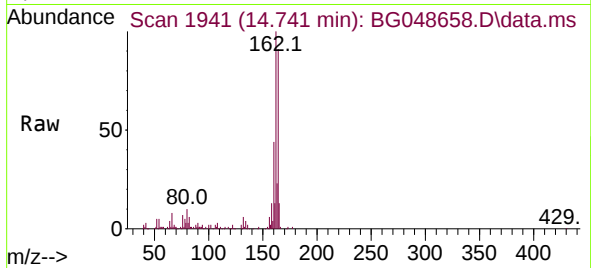




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.741 min Scan# 1941
Delta R.T. -0.010 min
Lab File: BG048658.D
Acq: 9 Apr 2021 23:46

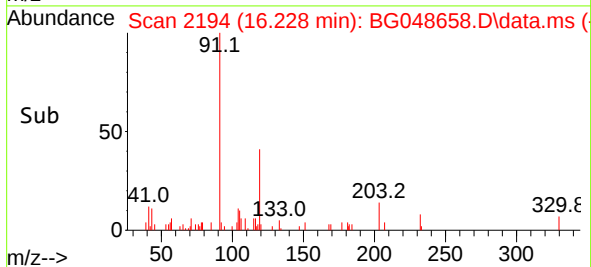
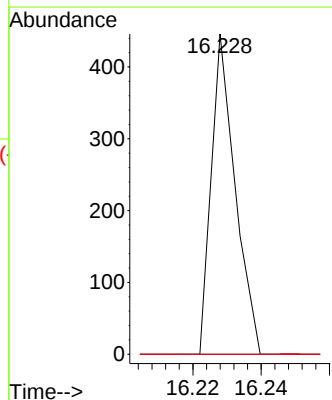
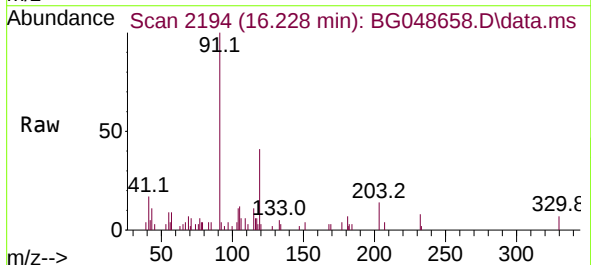
Instrument :
BNA_G
ClientSampleId :
72-11939-72-11936

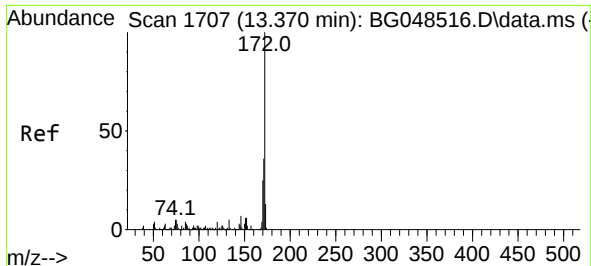
Tgt Ion:164 Resp: 73736
Ion Ratio Lower Upper
164 100
162 109.3 87.0 130.6
160 48.0 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.010 min
Lab File: BG048658.D
Acq: 9 Apr 2021 23:46

Tgt Ion:330 Resp: 215
Ion Ratio Lower Upper
330 100
332 0.0 77.6 116.4#
141 0.0 34.6 52.0#

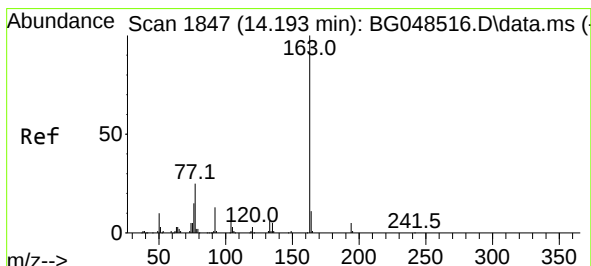
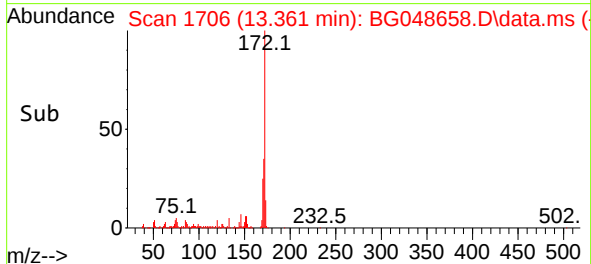
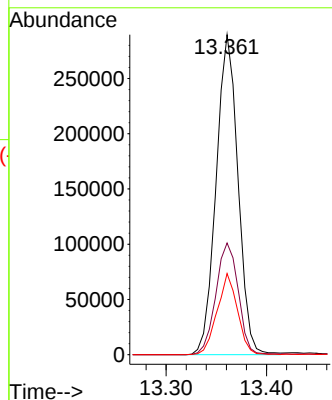
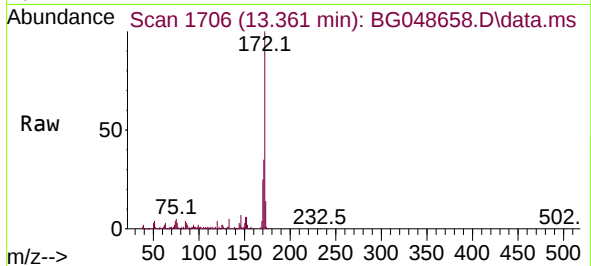




#45
2-Fluorobiphenyl
Concen: 88.23 ng
RT: 13.361 min Scan# 1706
Delta R.T. -0.010 min
Lab File: BG048658.D
Acq: 9 Apr 2021 23:46

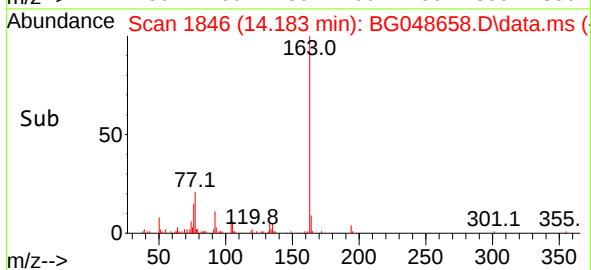
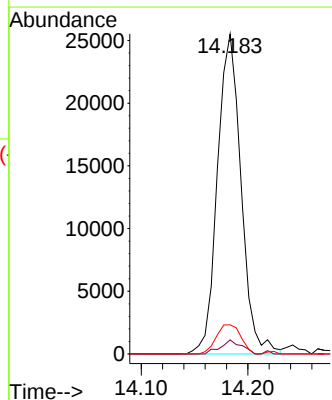
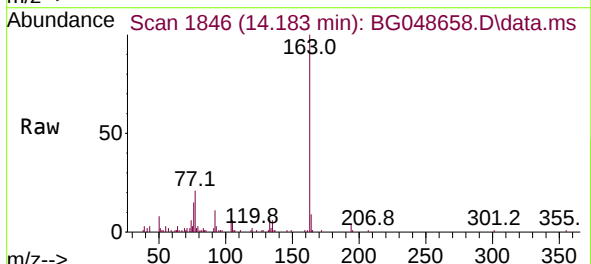
Instrument :
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ClientSampleId :
72-11939-72-11936

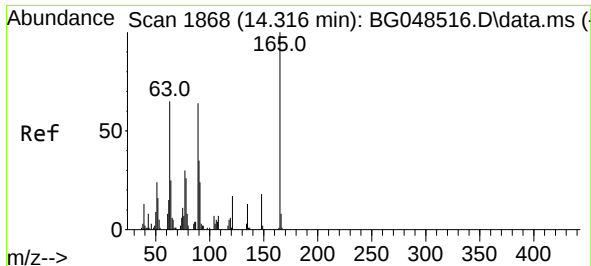
Tgt Ion:172 Resp: 437703
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 25.4 19.8 29.6



#50
Dimethylphthalate
Concen: 7.17 ng
RT: 14.183 min Scan# 1846
Delta R.T. -0.010 min
Lab File: BG048658.D
Acq: 9 Apr 2021 23:46

Tgt Ion:163 Resp: 39258
Ion Ratio Lower Upper
163 100
194 4.4 4.1 6.1
164 10.0 8.6 12.8

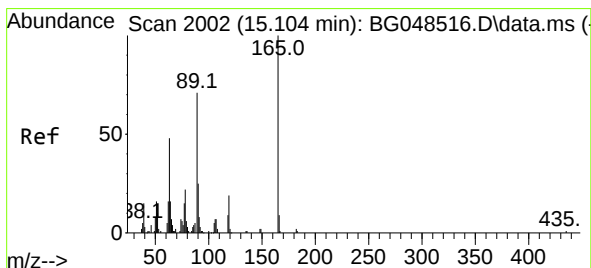
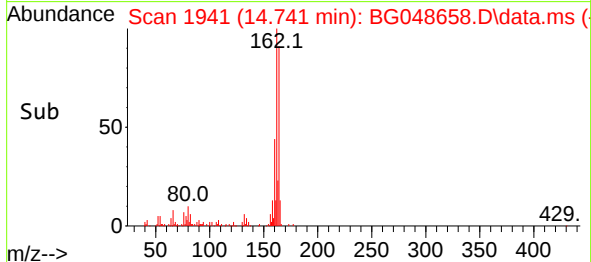
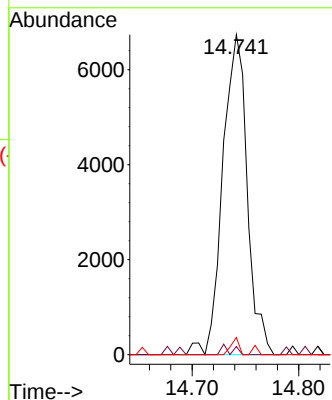
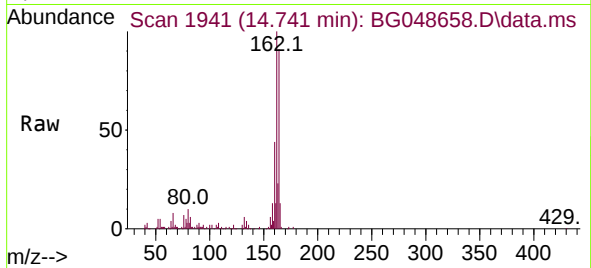




#51
2,6-Dinitrotoluene
Concen: 8.58 ng
RT: 14.741 min Scan# 1941
Delta R.T. 0.425 min
Lab File: BG048658.D
Acq: 9 Apr 2021 23:46

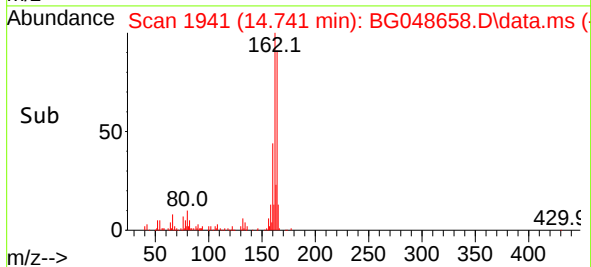
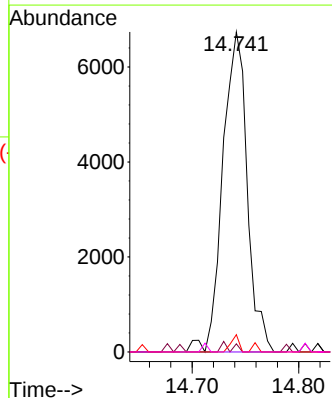
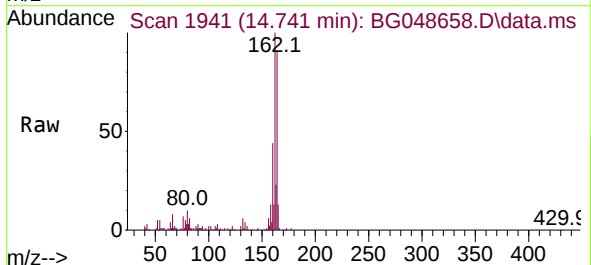
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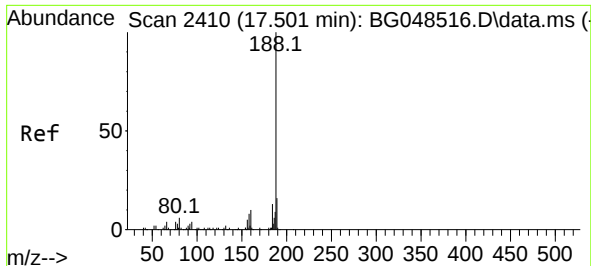
Tgt Ion:165 Resp: 10745
Ion Ratio Lower Upper
165 100
63 2.6 53.8 80.6#
89 5.4 50.8 76.2#



#57
2,4-Dinitrotoluene
Concen: 6.07 ng
RT: 14.741 min Scan# 1941
Delta R.T. -0.362 min
Lab File: BG048658.D
Acq: 9 Apr 2021 23:46

Tgt Ion:165 Resp: 10745
Ion Ratio Lower Upper
165 100
63 2.6 38.3 57.5#
89 5.4 56.5 84.7#
182 0.0 1.8 2.6#

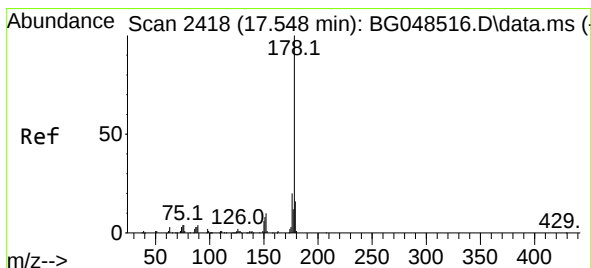
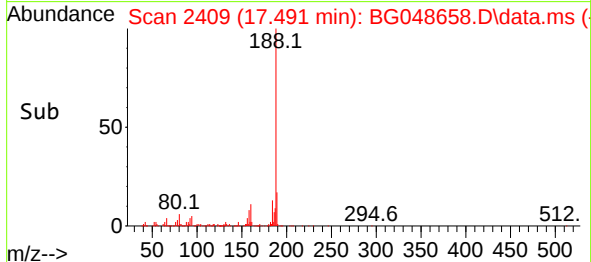
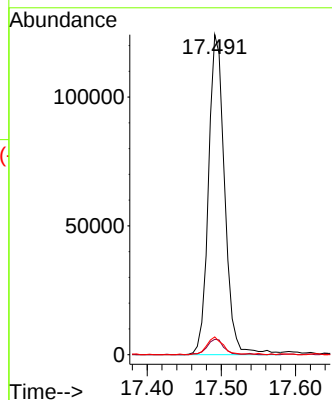
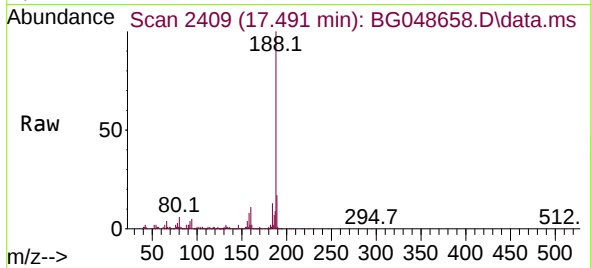




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2409
Delta R.T. -0.010 min
Lab File: BG048658.D
Acq: 9 Apr 2021 23:46

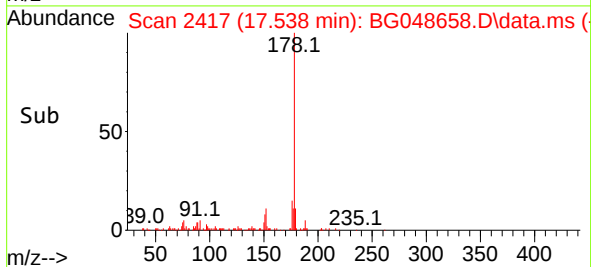
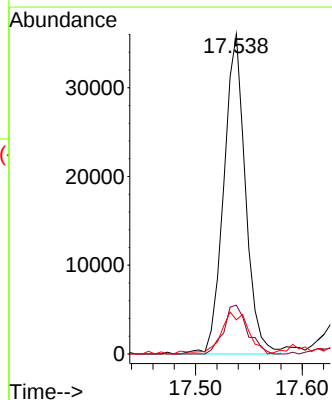
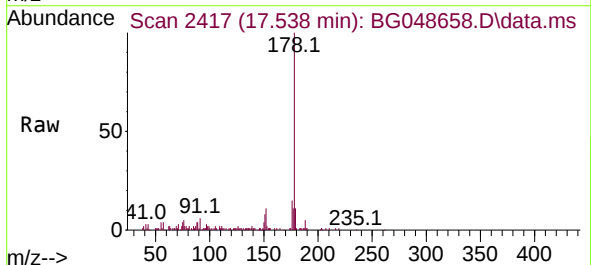
Instrument :
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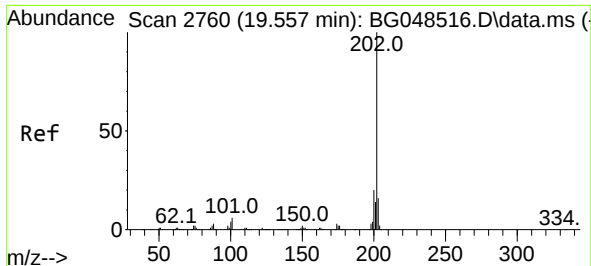
Tgt Ion:188 Resp: 188599
Ion Ratio Lower Upper
188 100
94 4.8 3.0 4.6#
80 5.6 4.5 6.7



#71
Phenanthrene
Concen: 5.19 ng
RT: 17.538 min Scan# 2417
Delta R.T. -0.010 min
Lab File: BG048658.D
Acq: 9 Apr 2021 23:46

Tgt Ion:178 Resp: 50766
Ion Ratio Lower Upper
178 100
176 15.2 15.6 23.4#
179 10.7 12.9 19.3#

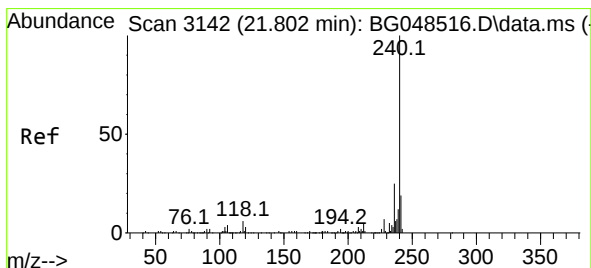
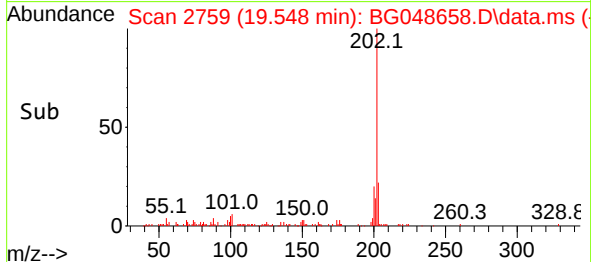
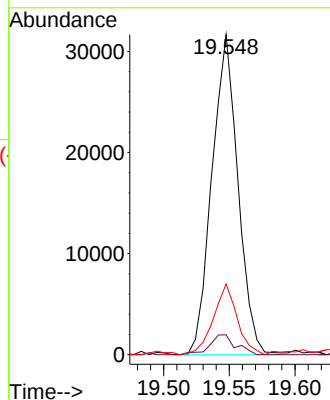
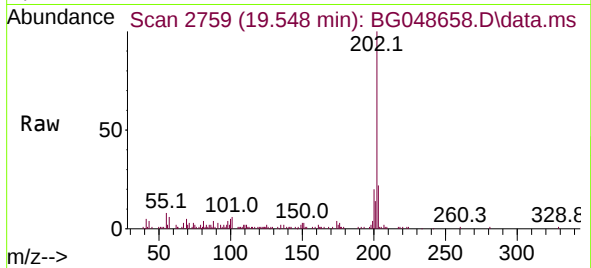




#75
Fluoranthene
Concen: 3.59 ng
RT: 19.548 min Scan# 2759
Delta R.T. -0.010 min
Lab File: BG048658.D
Acq: 9 Apr 2021 23:46

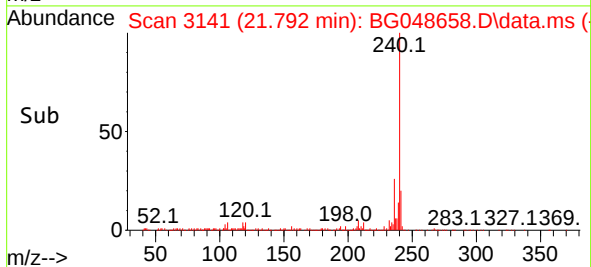
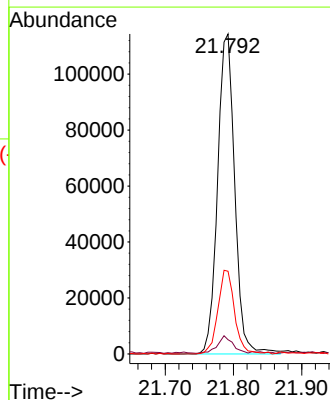
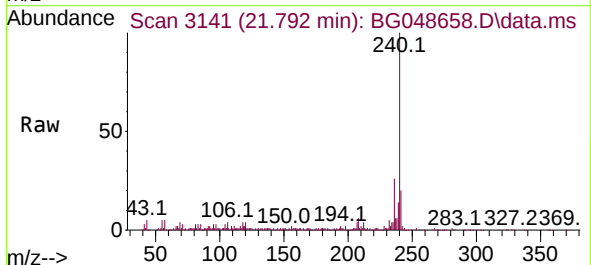
Instrument :
BNA_G
ClientSampleId :
72-11939-72-11936

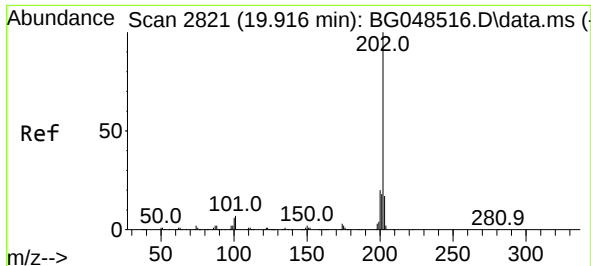
Tgt Ion:202 Resp: 43599
Ion Ratio Lower Upper
202 100
101 6.2 0.0 25.8
203 22.1 0.0 36.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.010 min
Lab File: BG048658.D
Acq: 9 Apr 2021 23:46

Tgt Ion:240 Resp: 200010
Ion Ratio Lower Upper
240 100
120 4.4 2.6 3.8#
236 25.9 19.8 29.6

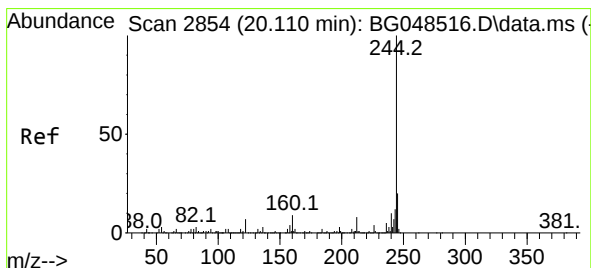
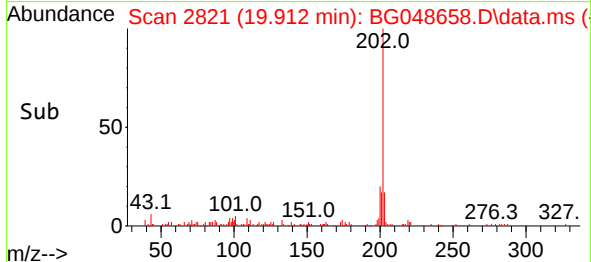
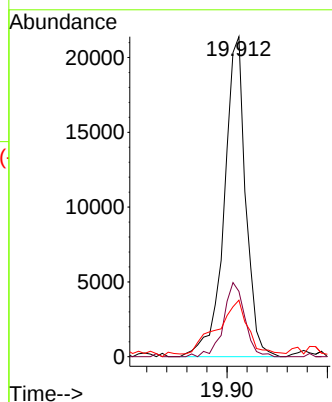
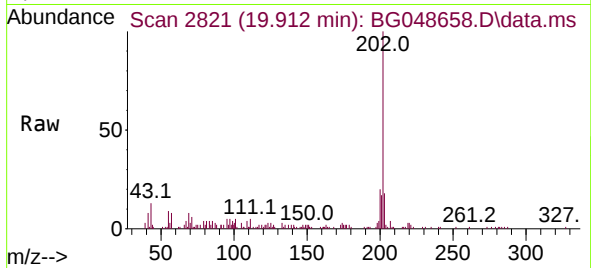




#78
Pyrene
Concen: 2.30 ng
RT: 19.912 min Scan# 2821
Delta R.T. -0.004 min
Lab File: BG048658.D
Acq: 9 Apr 2021 23:46

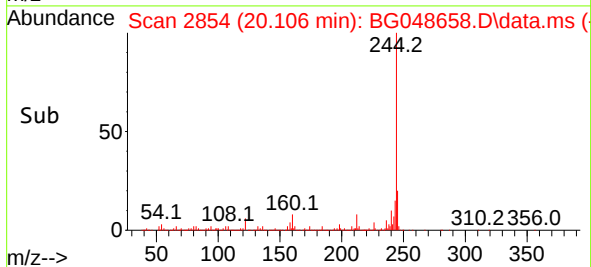
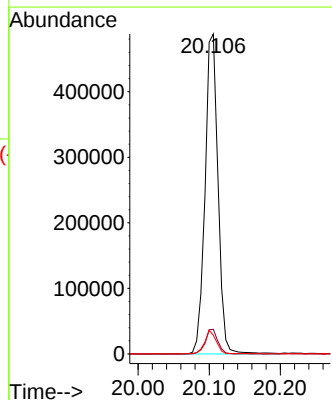
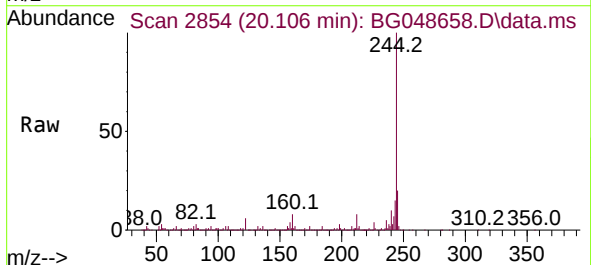
Instrument :
BNA_G
ClientSampleId :
72-11939-72-11936

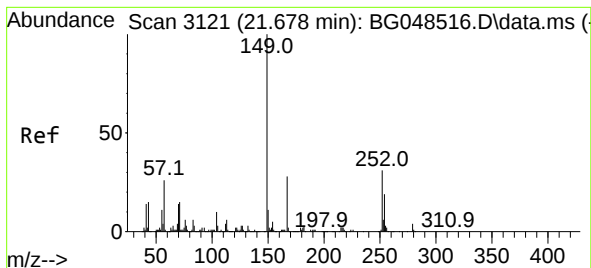
Tgt Ion:202 Resp: 31580
Ion Ratio Lower Upper
202 100
200 20.4 16.1 24.1
203 17.7 13.6 20.4



#79
Terphenyl-d14
Concen: 56.82 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.004 min
Lab File: BG048658.D
Acq: 9 Apr 2021 23:46

Tgt Ion:244 Resp: 621487
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 5.8 5.8 8.6

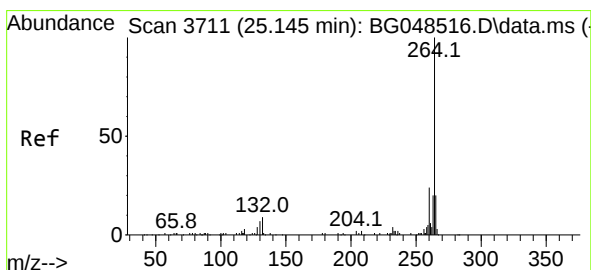
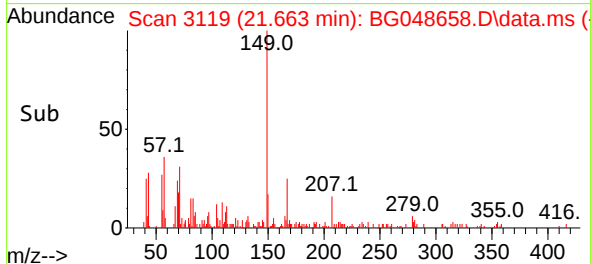
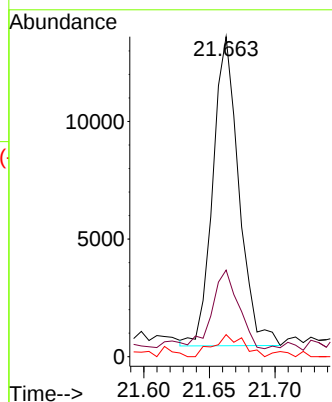
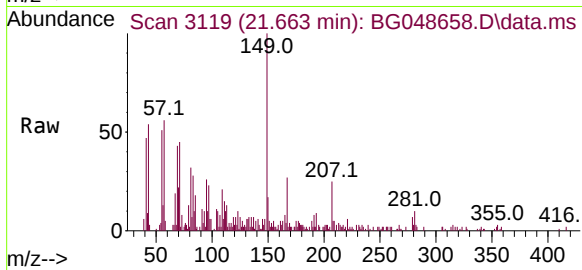




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.55 ng
 RT: 21.663 min Scan# 3119
 Delta R.T. -0.016 min
 Lab File: BG048658.D
 Acq: 9 Apr 2021 23:46

Instrument :
 BNA_G
 ClientSampleId :
 72-11939-72-11936

Tgt Ion:149 Resp: 18167
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.4 33.6
 279 6.9 3.4 5.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.135 min Scan# 3710
 Delta R.T. -0.010 min
 Lab File: BG048658.D
 Acq: 9 Apr 2021 23:46

Tgt Ion:264 Resp: 148777
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 23.5 16.1 24.1

