

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
 Data File : BG048668.D
 Acq On : 12 Apr 2021 19:54
 Operator : CG/JU
 Sample : M1985-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Apr 13 00:19:49 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)

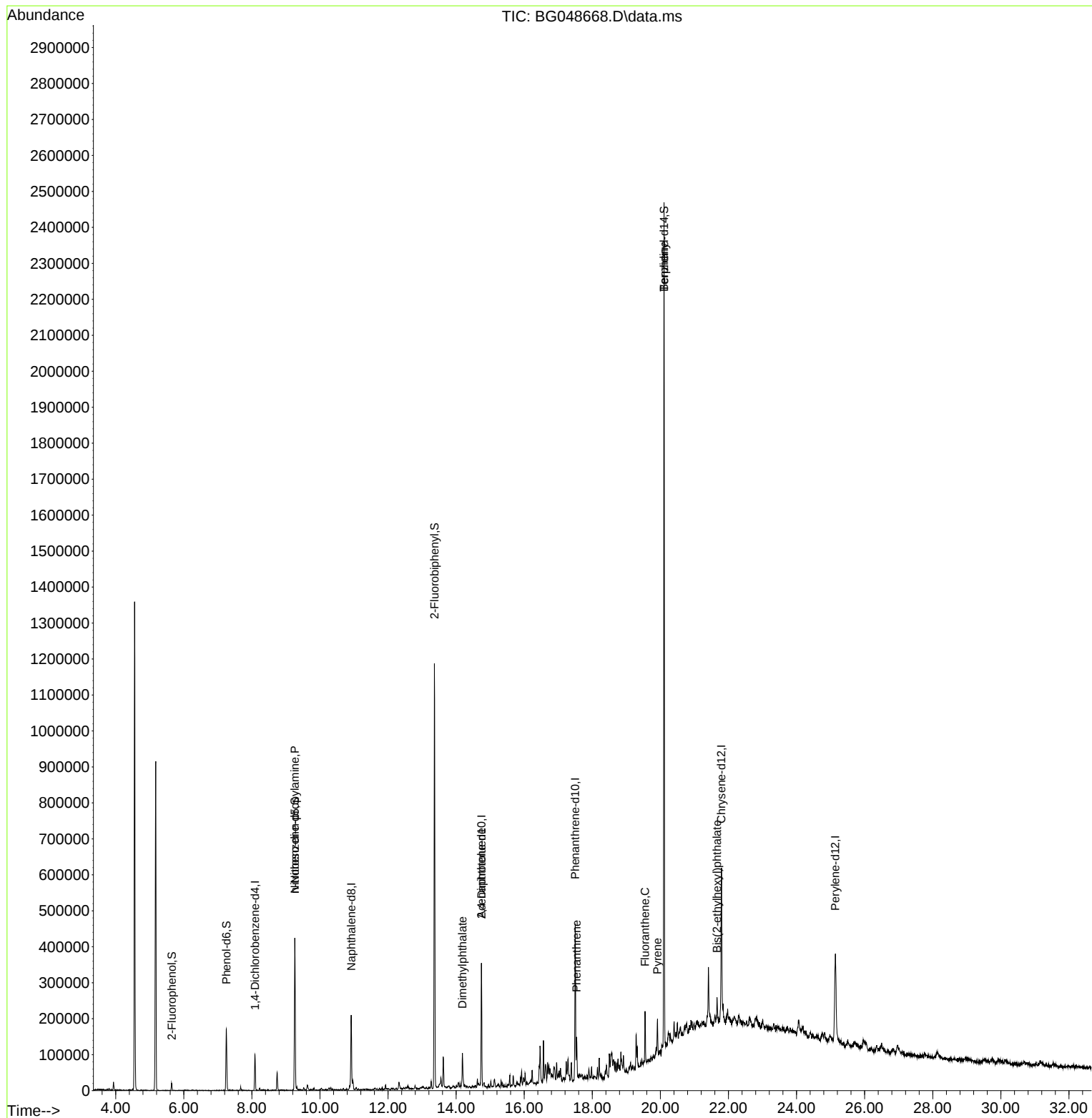
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.092	152	26910	20.00	ng	0.00
21) Naphthalene-d8	10.918	136	181536	20.00	ng	0.00
39) Acenaphthene-d10	14.743	164	115920	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	279984	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	273485	20.00	ng	# 0.00
86) Perylene-d12	25.136	264	277476	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.647	112	7579	4.97	ng	0.00
7) Phenol-d6	7.251	99	89577	40.52	ng	0.00
23) Nitrobenzene-d5	9.261	82	252461	67.33	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	180	0.12	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	614203	78.75	ng	0.00
79) Terphenyl-d14	20.107	244	1087307	72.71	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.261	70	37216	24.43	ng	# 71
50) Dimethylphthalate	14.184	163	57603	6.69	ng	# 98
57) 2,4-Dinitrotoluene	14.743	165	16831	6.04	ng	# 26
71) Phenanthrene	17.539	178	70590	4.86	ng	97
75) Fluoranthene	19.549	202	87408	4.85	ng	96
77) Benzidine	20.107	184	20823	2.25	ng	# 92
78) Pyrene	19.913	202	66002	3.51	ng	97
84) Bis(2-ethylhexyl)phtha...	21.664	149	25198	2.59	ng	# 96

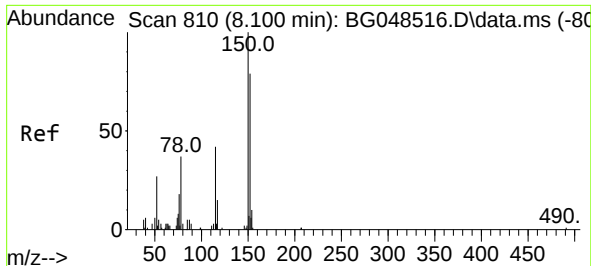
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

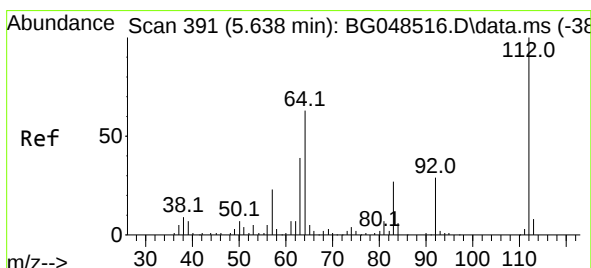
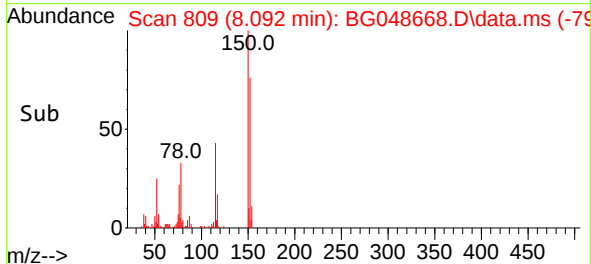
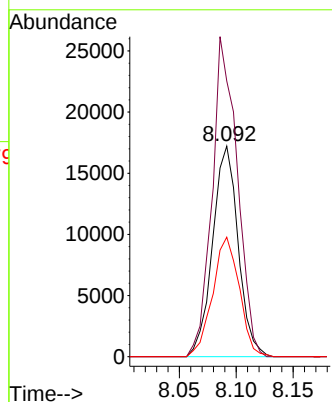
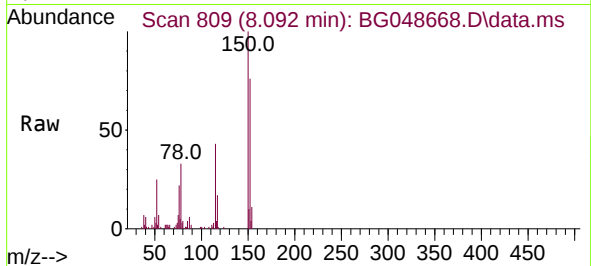




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.092 min Scan# 809
Delta R.T. -0.008 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

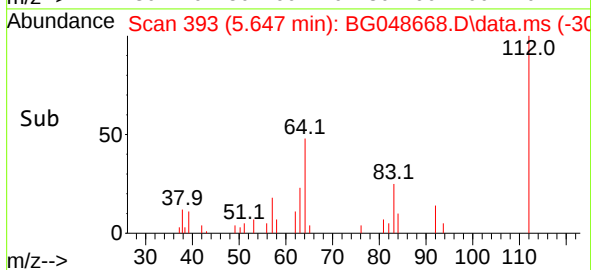
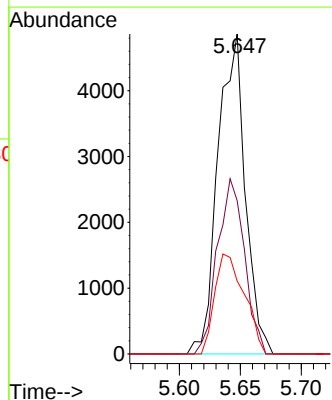
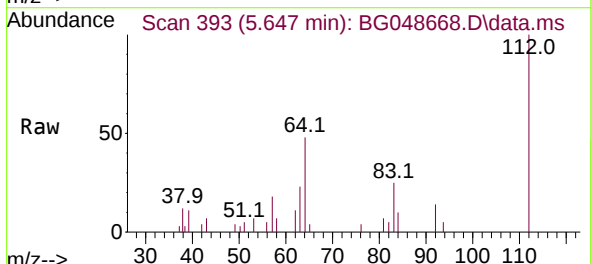
Instrument :
BNA_G
ClientSampleId :
72-11939-72-11936RE

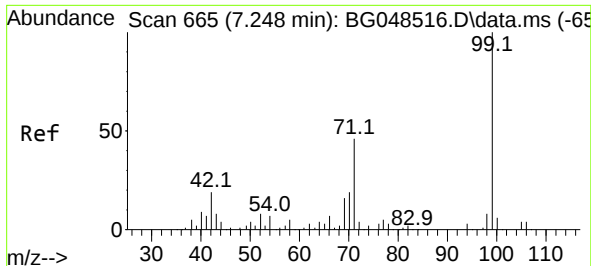
Tgt Ion:152 Resp: 26910
Ion Ratio Lower Upper
152 100
150 130.9 101.3 151.9
115 56.7 42.3 63.5



#5
2-Fluorophenol
Concen: 4.97 ng
RT: 5.647 min Scan# 393
Delta R.T. 0.009 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

Tgt Ion:112 Resp: 7579
Ion Ratio Lower Upper
112 100
64 47.9 50.4 75.6#
63 22.8 31.4 47.2#

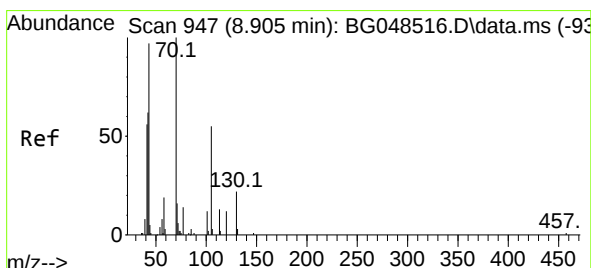
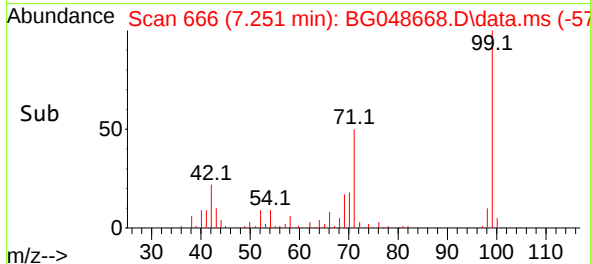
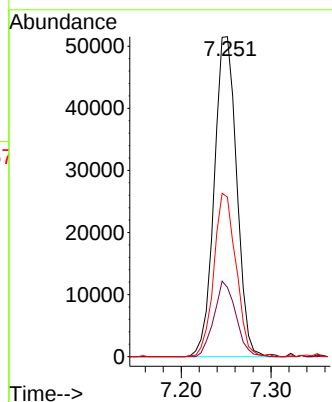
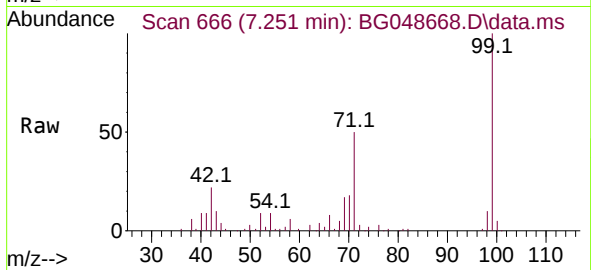




#7
Phenol-d6
Concen: 40.52 ng
RT: 7.251 min Scan# 666
Delta R.T. 0.003 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

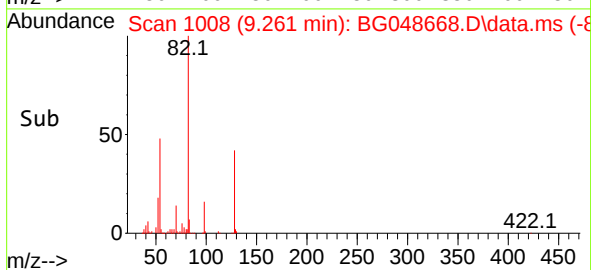
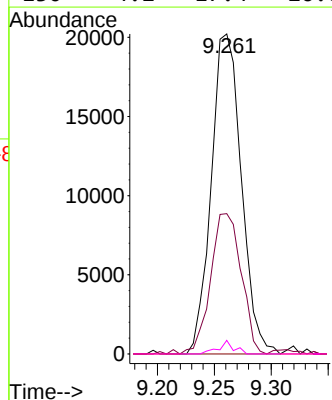
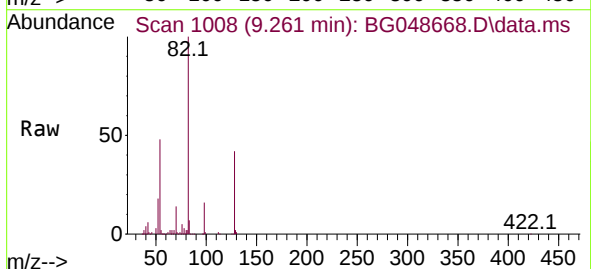
Instrument :
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ClientSampleId :
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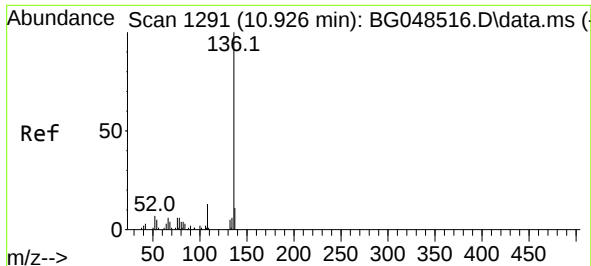
Tgt Ion: 99 Resp: 89577
Ion Ratio Lower Upper
99 100
42 21.6 15.5 23.3
71 49.9 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 24.43 ng
RT: 9.261 min Scan# 1008
Delta R.T. 0.356 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

Tgt Ion: 70 Resp: 37216
Ion Ratio Lower Upper
70 100
42 43.9 50.8 76.2#
101 0.0 9.7 14.5#
130 4.2 17.4 26.0#

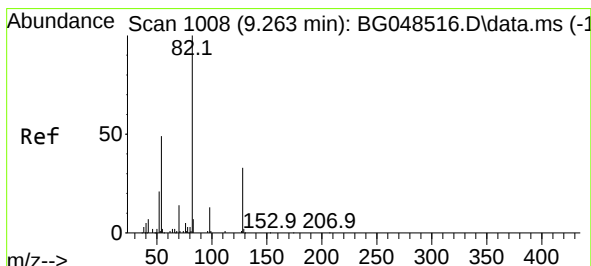
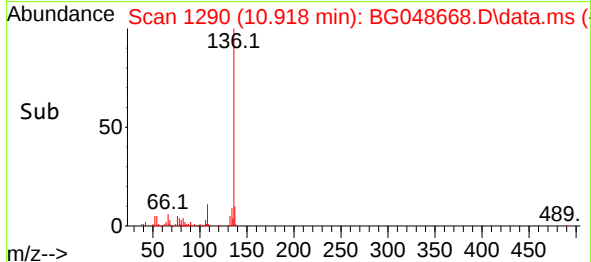
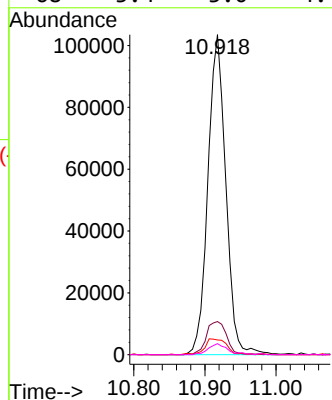
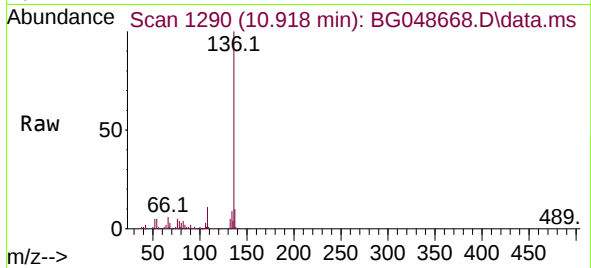




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.918 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

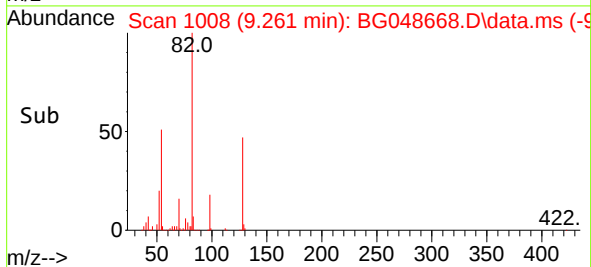
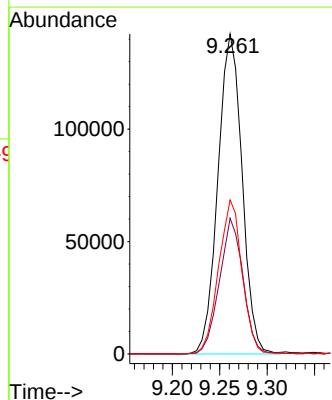
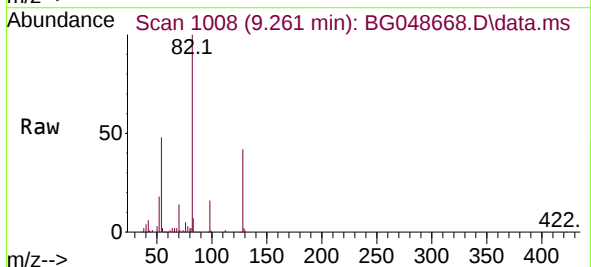
Instrument :
BNA_G
ClientSampleId :
72-11939-72-11936RE

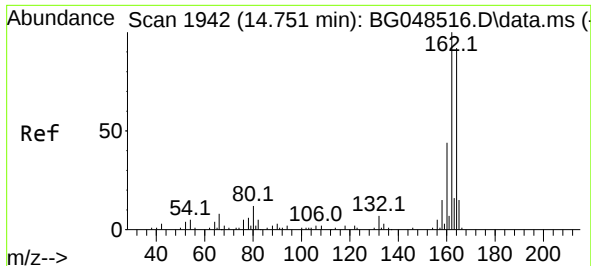
Tgt Ion:	136	Resp:	181536
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.6	12.8
54	4.6	4.2	6.4
68	3.4	3.0	4.4



#23
Nitrobenzene-d5
Concen: 67.33 ng
RT: 9.261 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

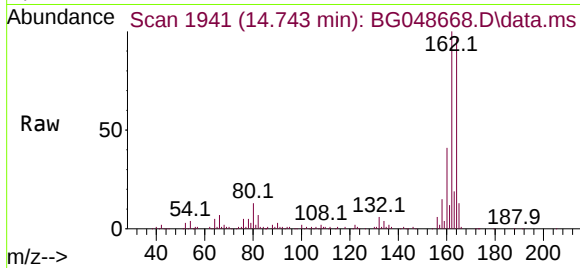
Tgt Ion:	82	Resp:	252461
Ion Ratio	Lower	Upper	
82	100		
128	42.4	26.2	39.4
54	48.2	38.9	58.3



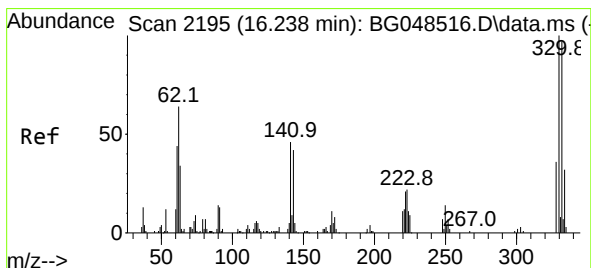
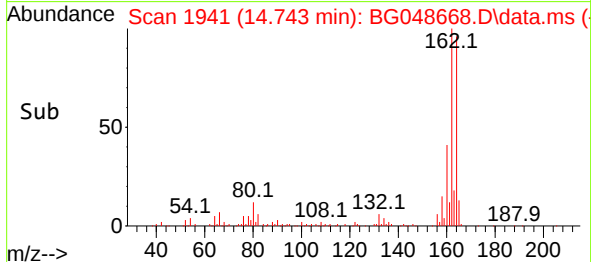
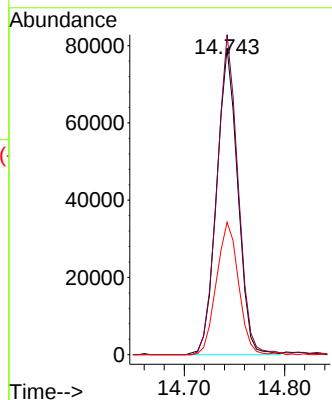


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

Instrument :
BNA_G
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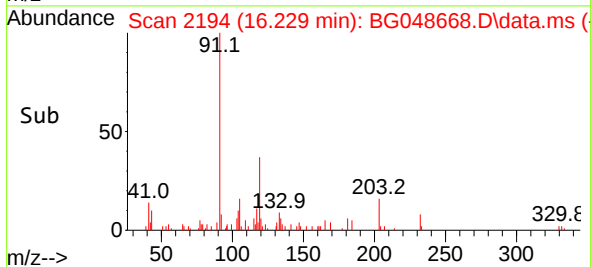
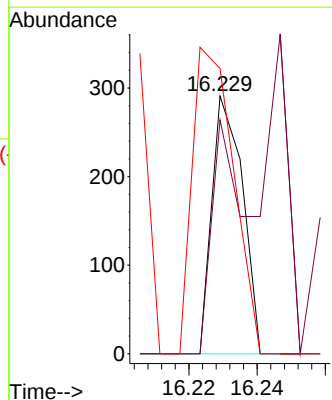
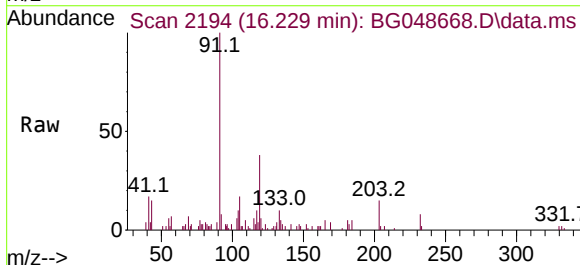


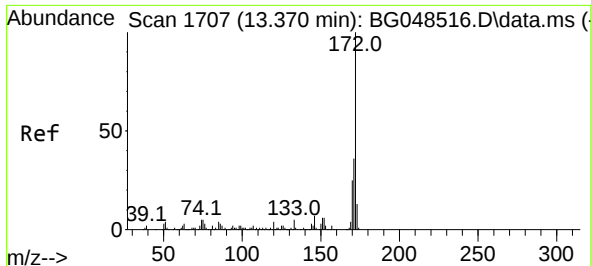
Tgt Ion:164 Resp: 115920
Ion Ratio Lower Upper
164 100
162 104.4 87.0 130.6
160 43.2 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 0.12 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.009 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

Tgt Ion:330 Resp: 180
Ion Ratio Lower Upper
330 100
332 112.2 77.6 116.4
141 161.1 34.6 52.0#

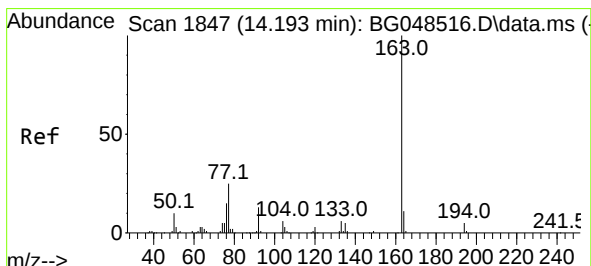
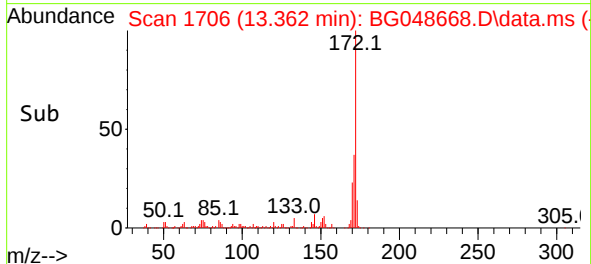
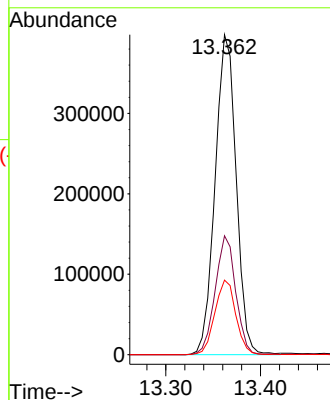
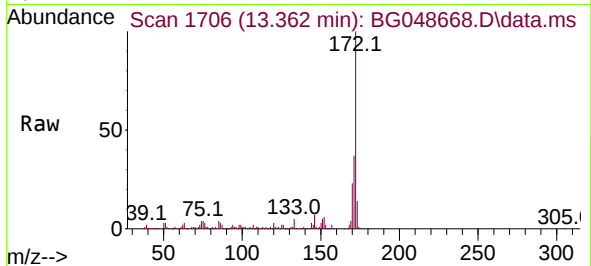




#45
2-Fluorobiphenyl
Concen: 78.75 ng
RT: 13.362 min Scan# 1706
Delta R.T. -0.009 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

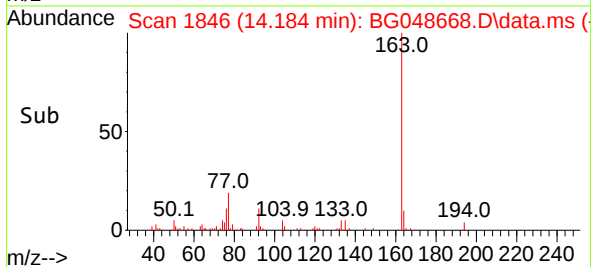
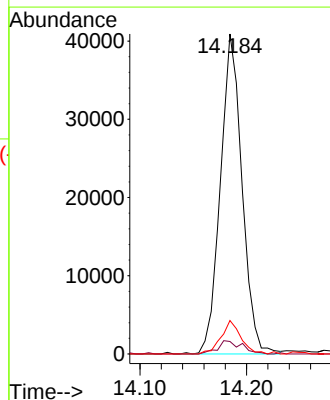
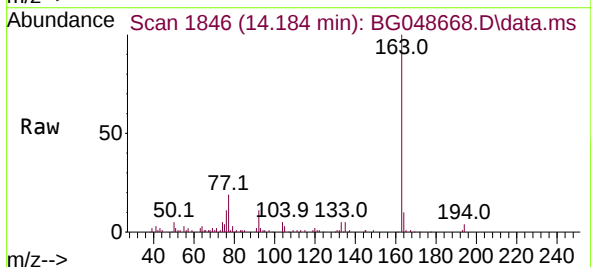
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ClientSampleId :
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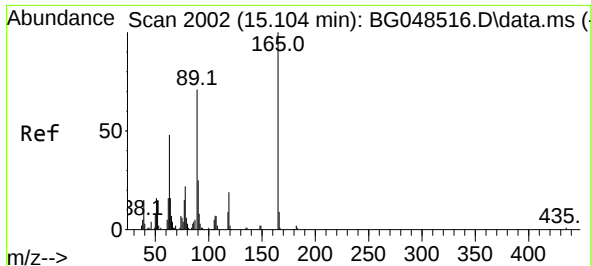
Tgt Ion:	172	Resp:	614203
Ion Ratio	Lower	Upper	
172	100		
171	37.2	28.5	42.7
170	23.3	19.8	29.6



#50
Dimethylphthalate
Concen: 6.69 ng
RT: 14.184 min Scan# 1846
Delta R.T. -0.009 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

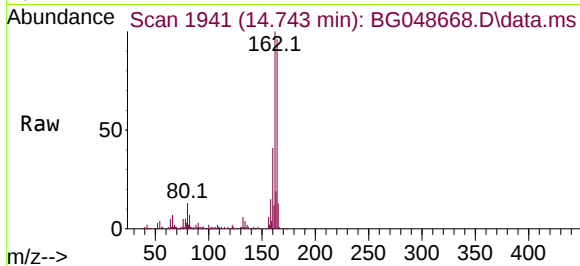
Tgt Ion:	163	Resp:	57603
Ion Ratio	Lower	Upper	
163	100		
194	3.9	4.1	6.1#
164	10.5	8.6	12.8



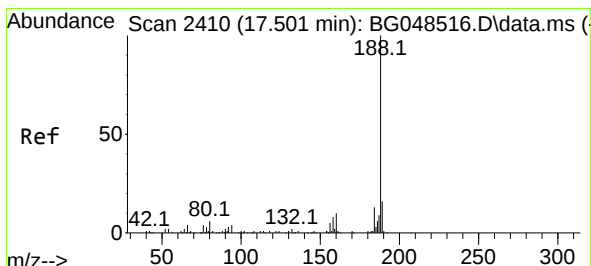
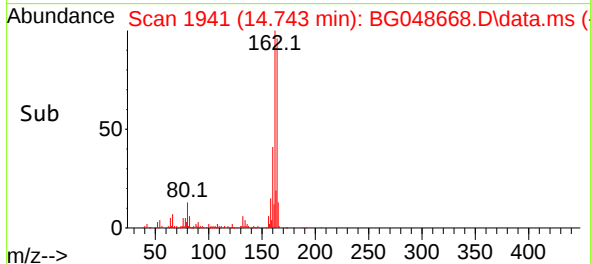
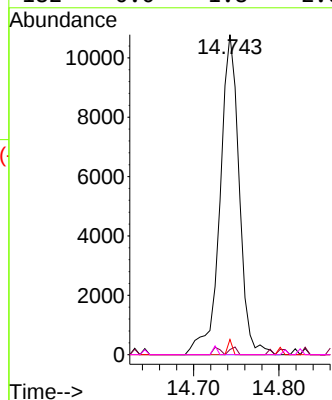


#57
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.361 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

Instrument :
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ClientSampleId :
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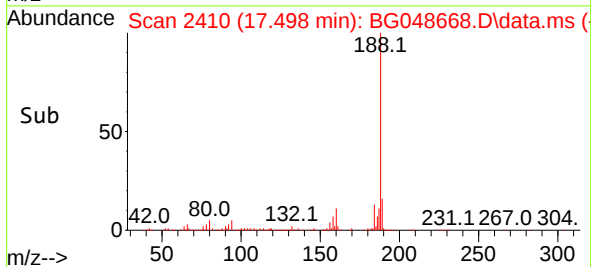
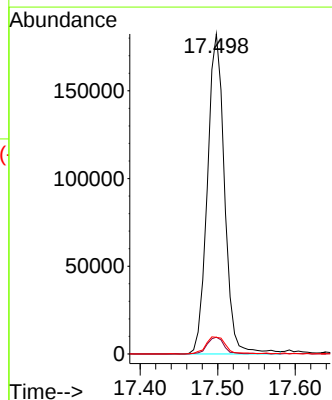
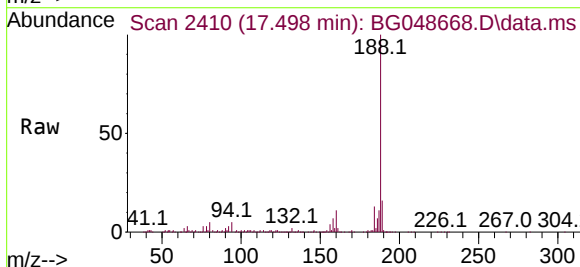


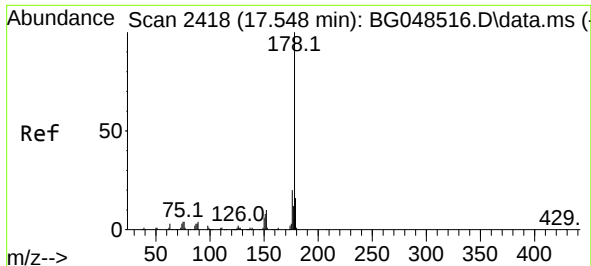
Tgt Ion:165 Resp: 16831
Ion Ratio Lower Upper
165 100
63 1.6 38.3 57.5#
89 4.7 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2410
Delta R.T. -0.003 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

Tgt Ion:188 Resp: 279984
Ion Ratio Lower Upper
188 100
94 5.3 3.0 4.6#
80 5.2 4.5 6.7

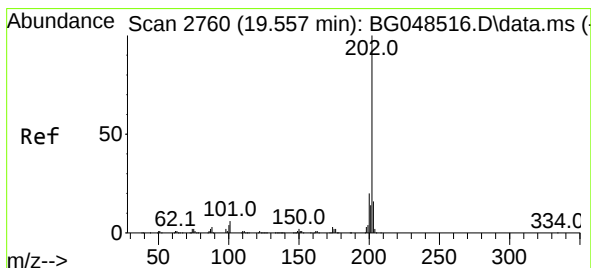
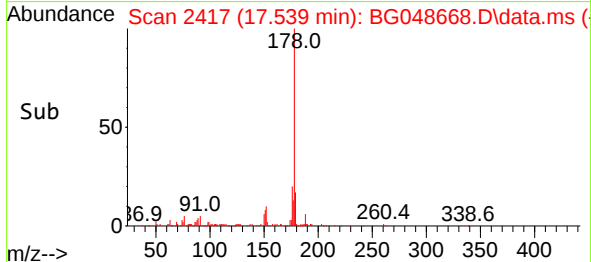
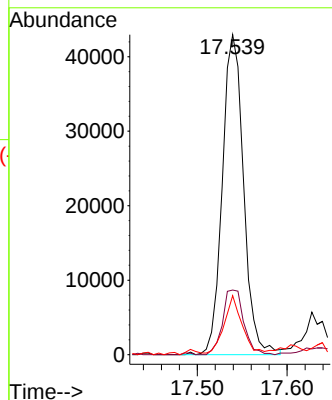
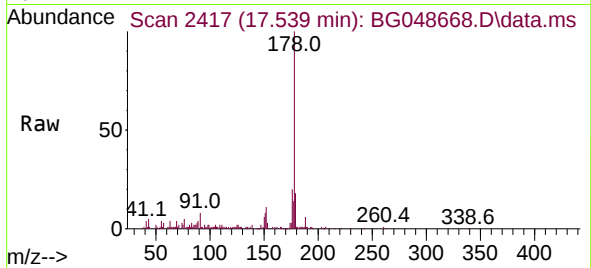




#71
Phenanthrene
Concen: 4.86 ng
RT: 17.539 min Scan# 2417
Delta R.T. -0.009 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

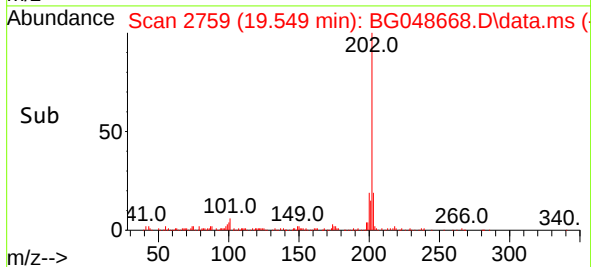
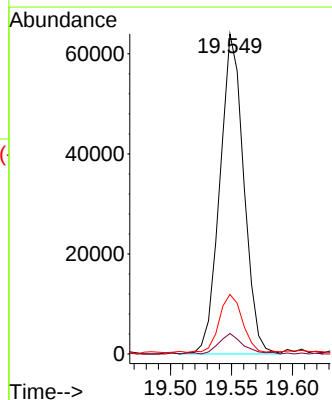
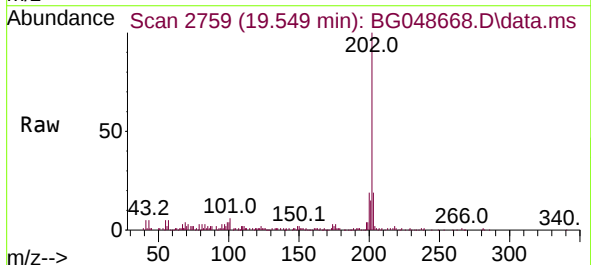
Instrument :
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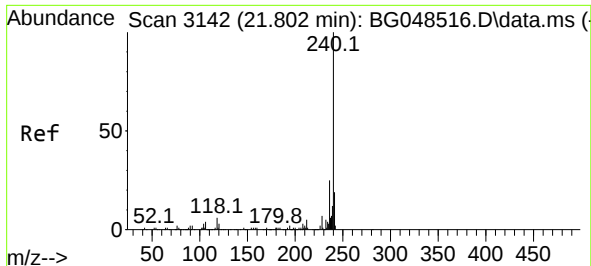
Tgt Ion:178 Resp: 70590
Ion Ratio Lower Upper
178 100
176 20.2 15.6 23.4
179 18.5 12.9 19.3



#75
Fluoranthene
Concen: 4.85 ng
RT: 19.549 min Scan# 2759
Delta R.T. -0.009 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

Tgt Ion:202 Resp: 87408
Ion Ratio Lower Upper
202 100
101 6.4 0.0 25.8
203 18.6 0.0 36.4

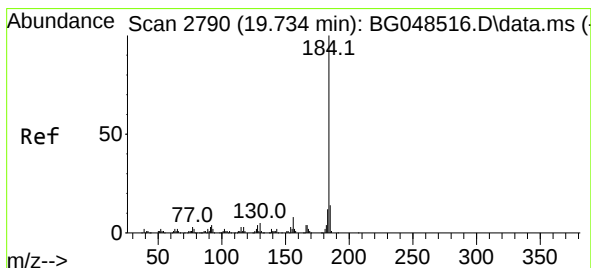
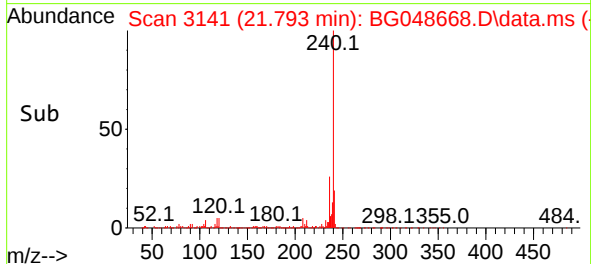
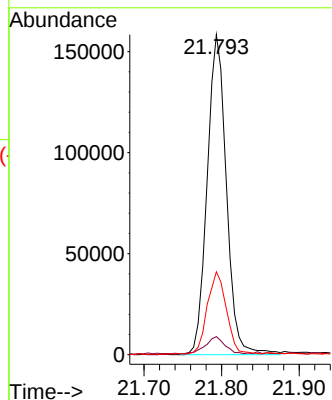
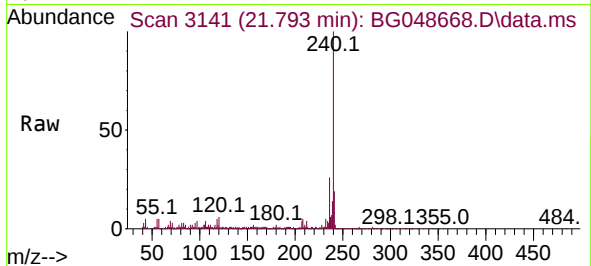




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.009 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

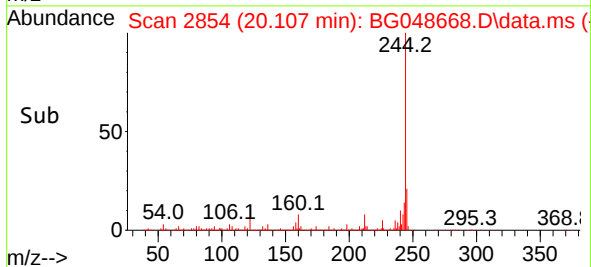
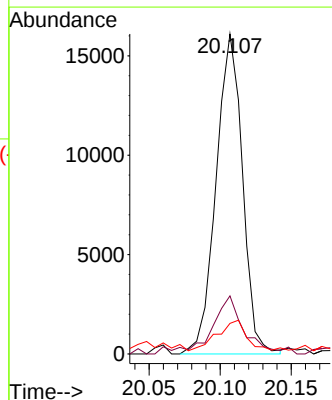
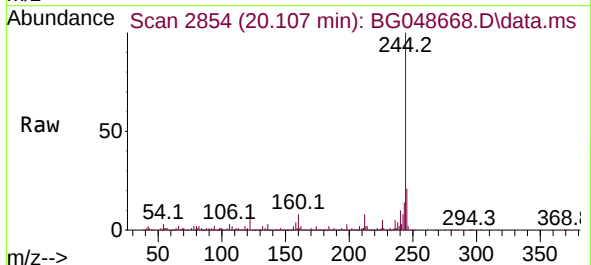
Instrument :
BNA_G
ClientSampleId :
72-11939-72-11936RE

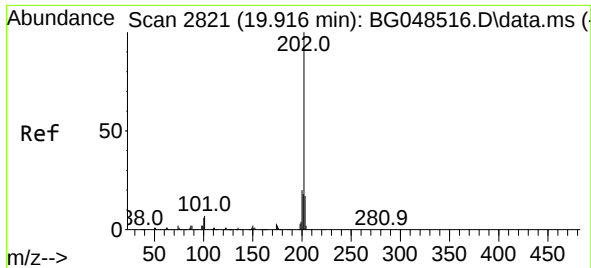
Tgt Ion:240 Resp: 273485
Ion Ratio Lower Upper
240 100
120 5.6 2.6 3.8#
236 25.9 19.8 29.6



#77
Benzidine
Concen: 2.25 ng
RT: 20.107 min Scan# 2854
Delta R.T. 0.373 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

Tgt Ion:184 Resp: 20823
Ion Ratio Lower Upper
184 100
185 18.1 11.0 16.4#
183 9.5 9.2 13.8

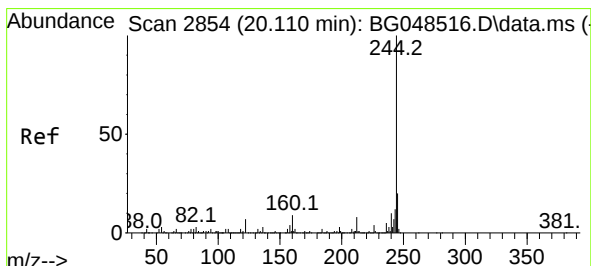
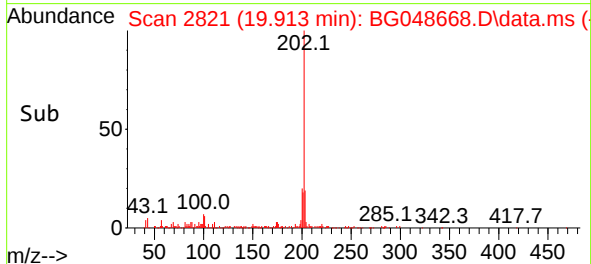
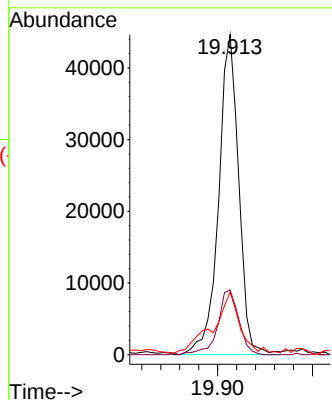
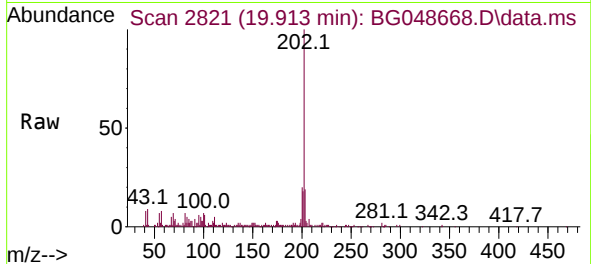




#78
Pyrene
Concen: 3.51 ng
RT: 19.913 min Scan# 2821
Delta R.T. -0.003 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

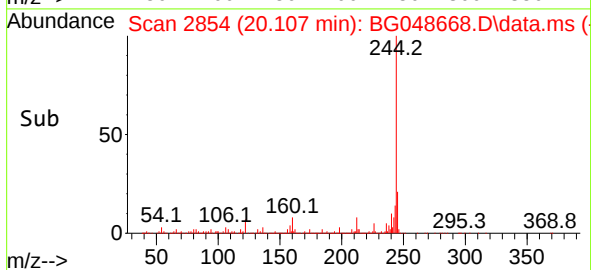
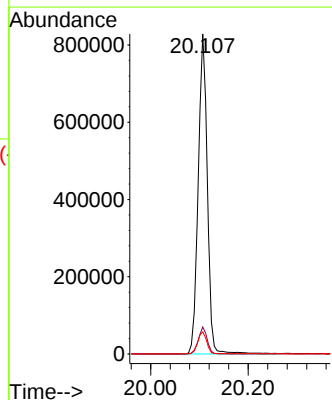
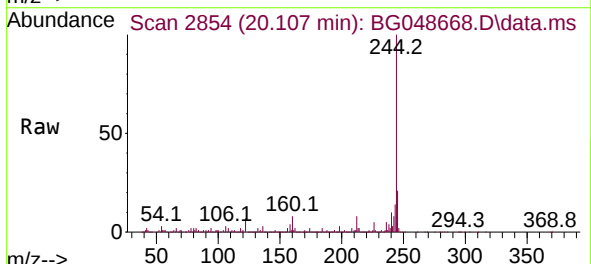
Instrument :
BNA_G
ClientSampleId :
72-11939-72-11936RE

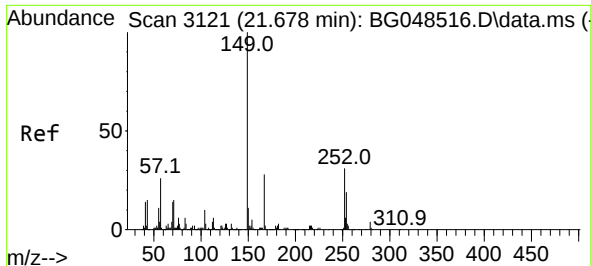
Tgt Ion:	202	Resp:	66002
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.1	24.1
203	19.5	13.6	20.4



#79
Terphenyl-d14
Concen: 72.71 ng
RT: 20.107 min Scan# 2854
Delta R.T. -0.003 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

Tgt Ion:	244	Resp:	1087307
Ion Ratio	Lower	Upper	
244	100		
212	8.4	6.0	9.0
122	6.9	5.8	8.6

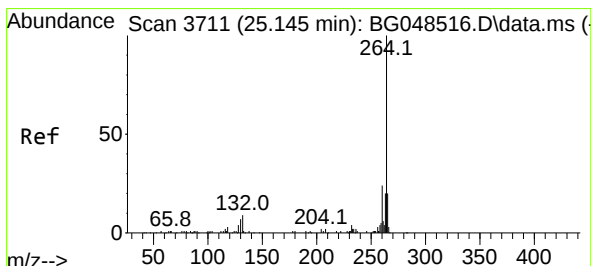
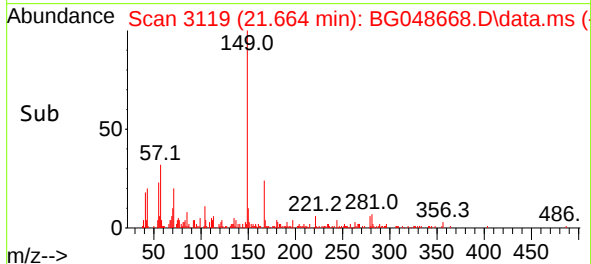
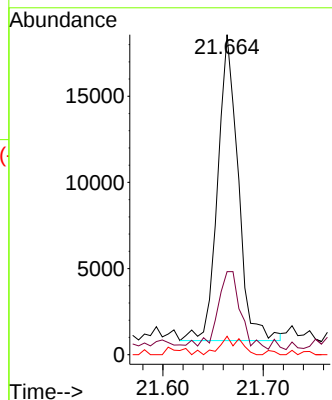
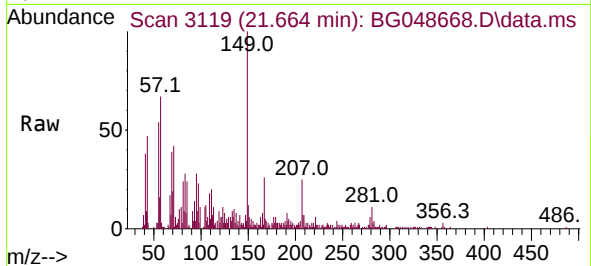




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.59 ng
RT: 21.664 min Scan# 3119
Delta R.T. -0.014 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

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

Tgt Ion:149 Resp: 25198
Ion Ratio Lower Upper
149 100
167 25.9 22.4 33.6
279 5.7 3.4 5.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.136 min Scan# 3710
Delta R.T. -0.009 min
Lab File: BG048668.D
Acq: 12 Apr 2021 19:54

Tgt Ion:264 Resp: 277476
Ion Ratio Lower Upper
264 100
260 24.6 19.1 28.7
265 22.4 16.1 24.1

