

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
 Data File : BG048667.D
 Acq On : 12 Apr 2021 19:13
 Operator : CG/JU
 Sample : M1966-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-119

Quant Time: Apr 13 00:19:38 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)

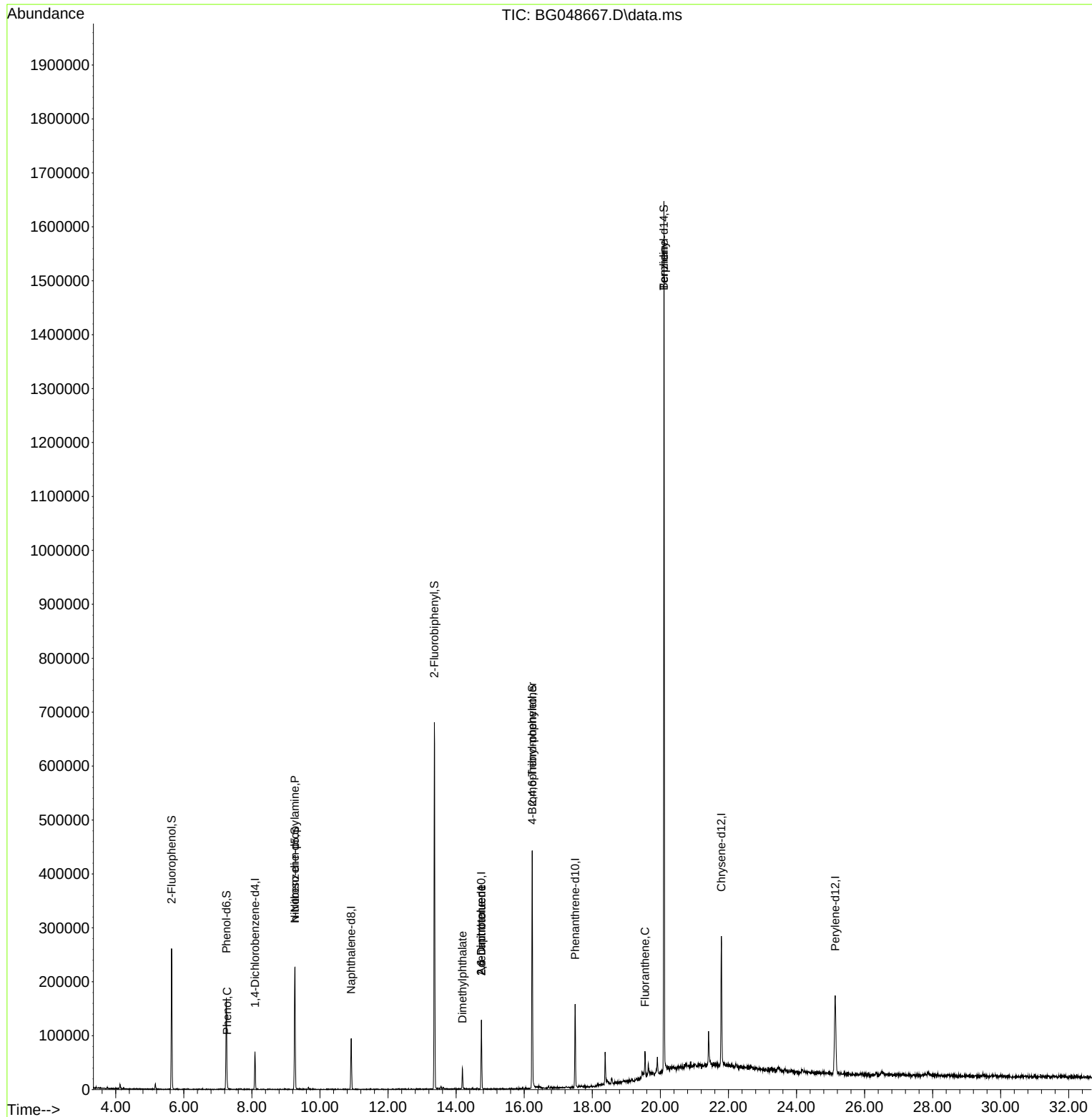
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	16685	20.00	ng	# 0.00
21) Naphthalene-d8	10.917	136	75005	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	43339	20.00	ng	# 0.00
64) Phenanthrene-d10	17.497	188	97166	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	158940	20.00	ng	# 0.00
86) Perylene-d12	25.135	264	160432	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	101969	107.90	ng	0.00
7) Phenol-d6	7.251	99	76992	56.17	ng	0.00
23) Nitrobenzene-d5	9.260	82	135872	87.70	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	77499	136.03	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	337747	115.83	ng	0.00
79) Terphenyl-d14	20.106	244	754156	86.77	ng	0.00
Target Compounds						
10) Phenol	7.274	94	3075	2.24	ng	Qvalue 83
19) n-Nitroso-di-n-propyla...	9.266	70	20269	21.46	ng	# 76
50) Dimethylphthalate	14.184	163	23748	7.38	ng	96
51) 2,6-Dinitrotoluene	14.742	165	6142	8.35	ng	# 17
57) 2,4-Dinitrotoluene	14.742	165	6142	5.90	ng	# 22
67) 4-Bromophenyl-phenylether	16.240	248	5938	5.51	ng	# 1
75) Fluoranthene	19.548	202	27538	4.40	ng	90
77) Benzidine	20.106	184	14070	2.61	ng	# 89

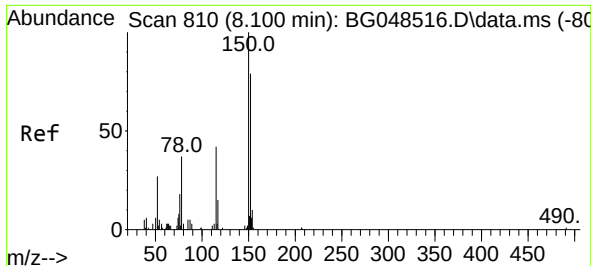
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

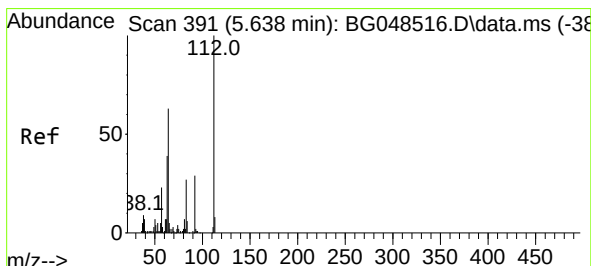
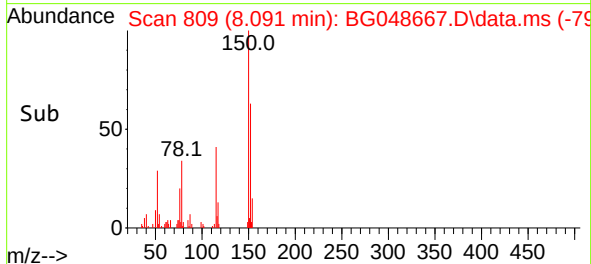
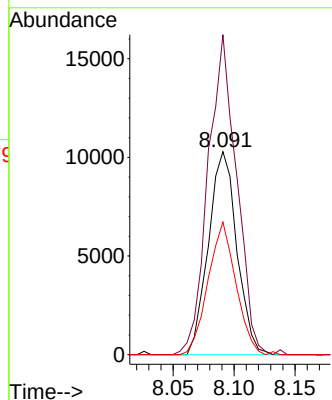
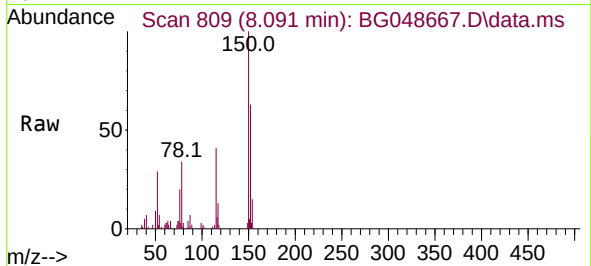




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.091 min Scan# 809
Delta R.T. -0.009 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

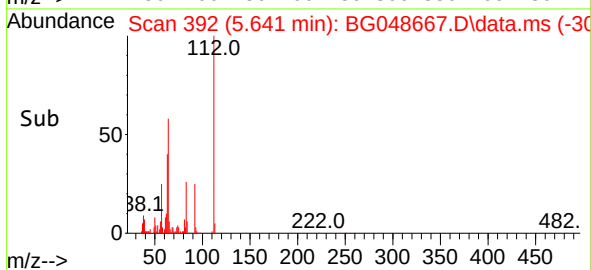
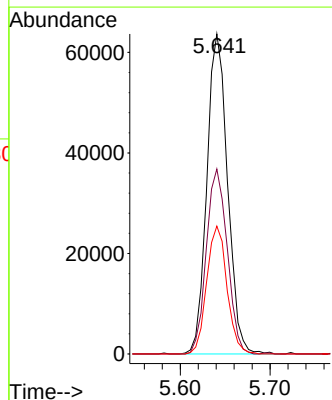
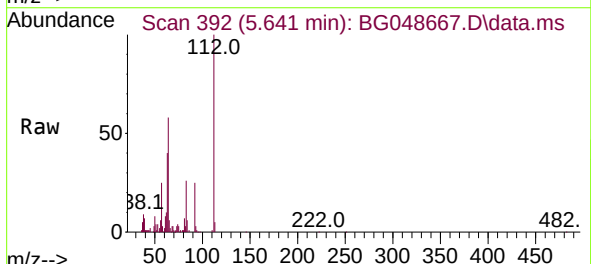
Instrument :
BNA_G
ClientSampleId :
MW-119

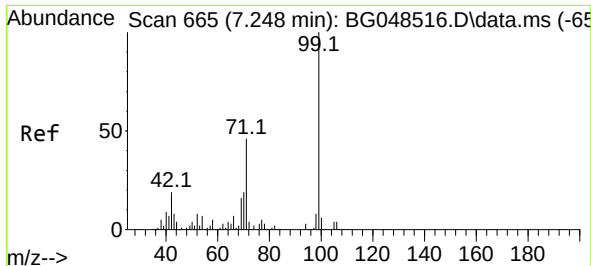
Tgt Ion:152 Resp: 16685
Ion Ratio Lower Upper
152 100
150 157.6 101.3 151.9#
115 65.3 42.3 63.5#



#5
2-Fluorophenol
Concen: 107.90 ng
RT: 5.641 min Scan# 392
Delta R.T. 0.002 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

Tgt Ion:112 Resp: 101969
Ion Ratio Lower Upper
112 100
64 57.8 50.4 75.6
63 39.9 31.4 47.2

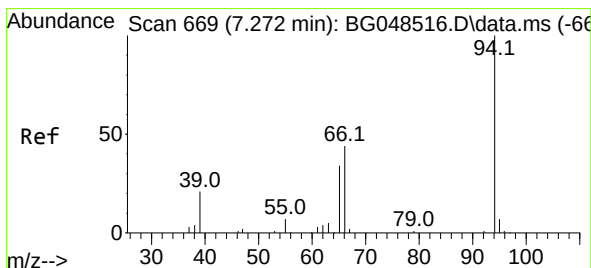
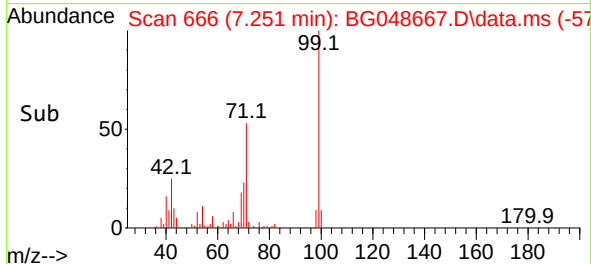
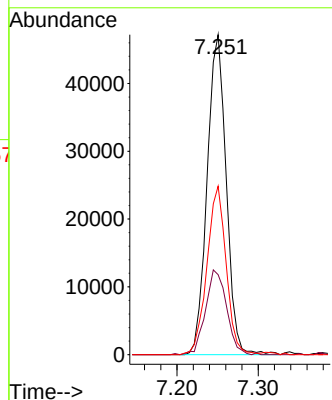
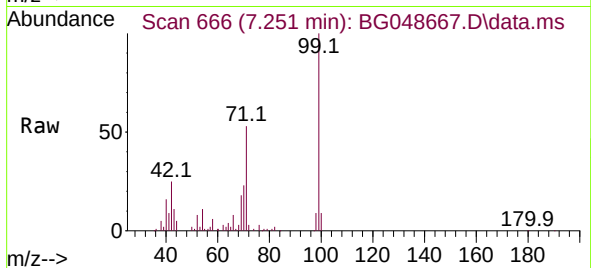




#7
Phenol-d6
Concen: 56.17 ng
RT: 7.251 min Scan# 666
Delta R.T. 0.002 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

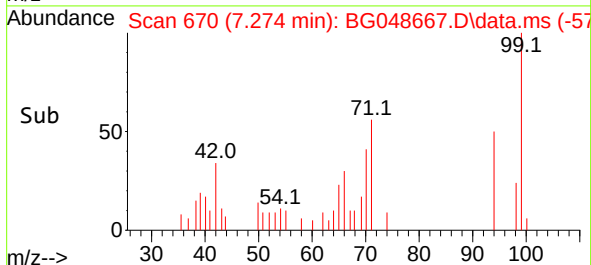
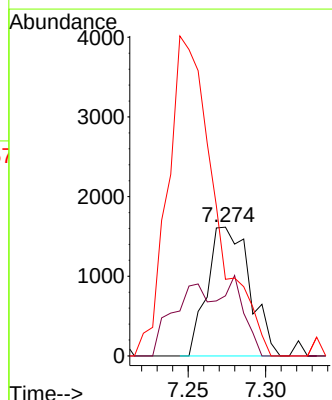
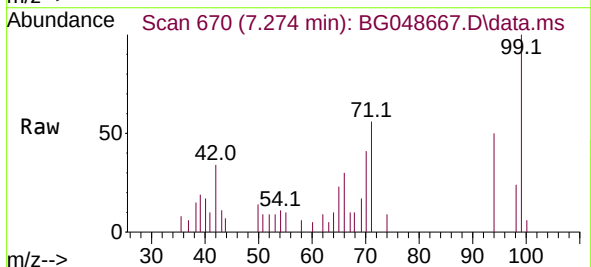
Instrument :
BNA_G
ClientSampleId :
MW-119

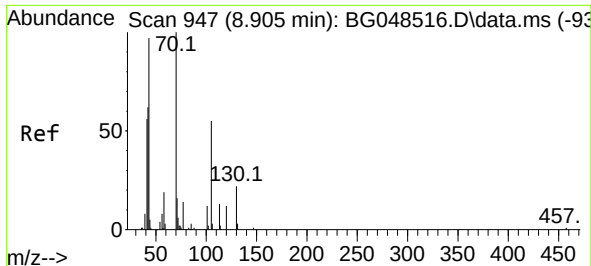
Tgt Ion: 99 Resp: 76992
Ion Ratio Lower Upper
99 100
42 25.0 15.5 23.3#
71 52.7 36.6 54.8



#10
Phenol
Concen: 2.24 ng
RT: 7.274 min Scan# 670
Delta R.T. 0.002 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

Tgt Ion: 94 Resp: 3075
Ion Ratio Lower Upper
94 100
65 46.7 15.1 55.1
66 59.5 28.9 68.9

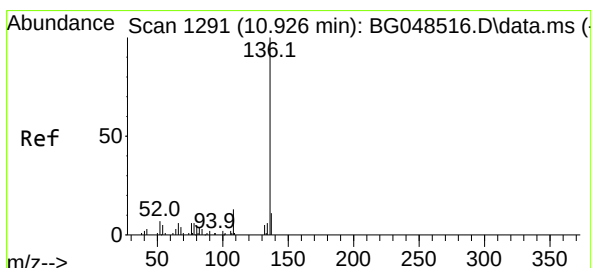
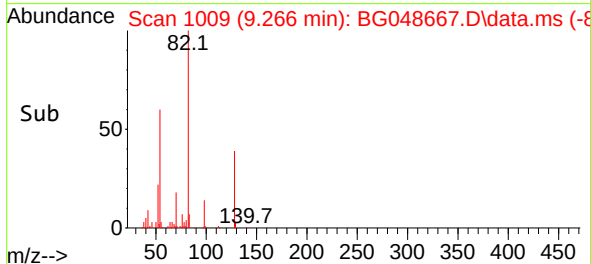
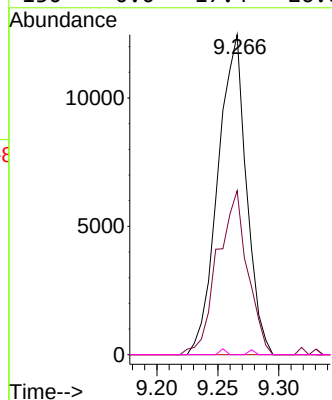
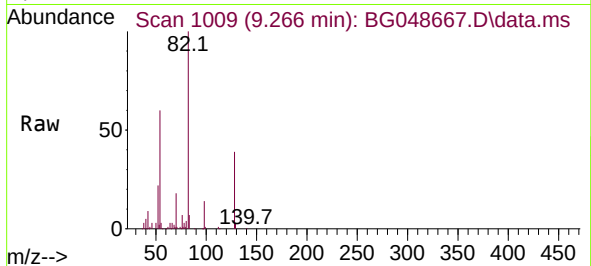




#19
n-Nitroso-di-n-propylamine
Concen: 21.46 ng
RT: 9.266 min Scan# 1009
Delta R.T. 0.361 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

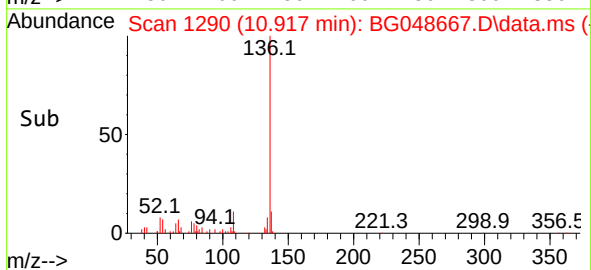
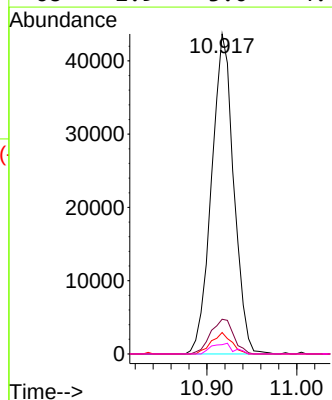
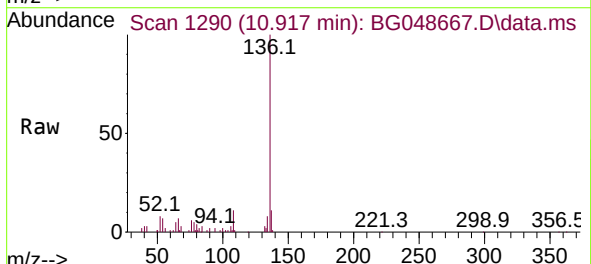
Instrument :
BNA_G
ClientSampleId :
MW-119

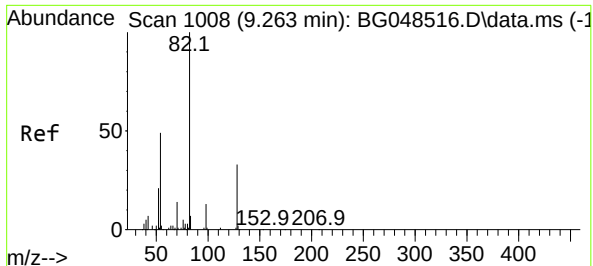
Tgt Ion: 70	Resp: 20269
Ion Ratio	Lower Upper
70 100	
42 51.3	50.8 76.2
101 0.0	9.7 14.5#
130 0.0	17.4 26.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

Tgt Ion: 136	Resp: 75005
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 12.8
54 6.7	4.2 6.4#
68 2.9	3.0 4.4#





#23

Nitrobenzene-d5

Concen: 87.70 ng

RT: 9.260 min Scan# 1008

Delta R.T. -0.004 min

Lab File: BG048667.D

Acq: 12 Apr 2021 19:13

Tgt Ion: 82 Resp: 135872

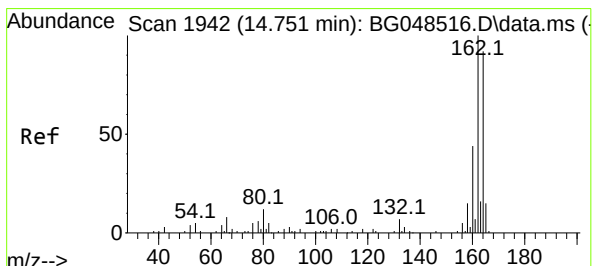
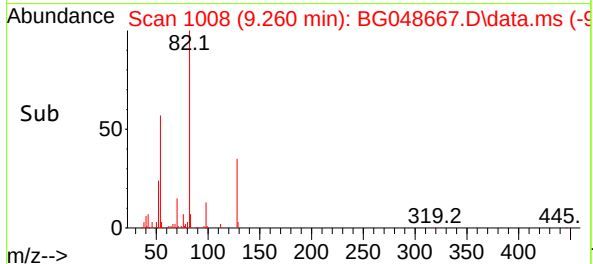
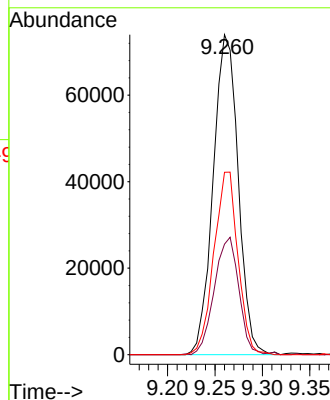
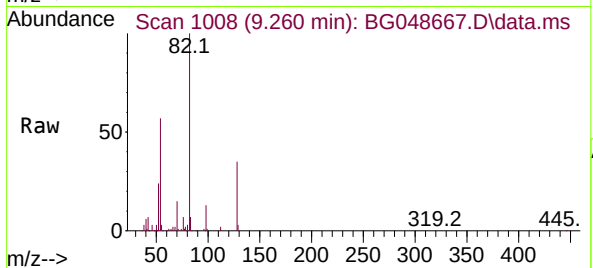
Ion	Ratio	Lower	Upper
82	100		
128	34.5	26.2	39.4
54	57.0	38.9	58.3

Instrument :

BNA_G

ClientSampleId :

MW-119



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.742 min Scan# 1941

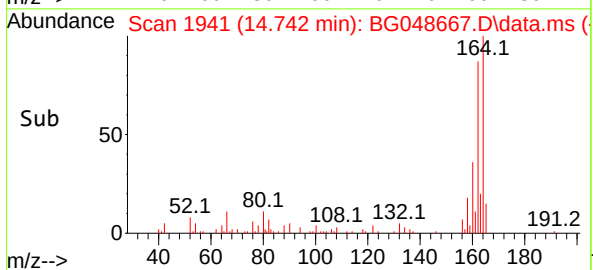
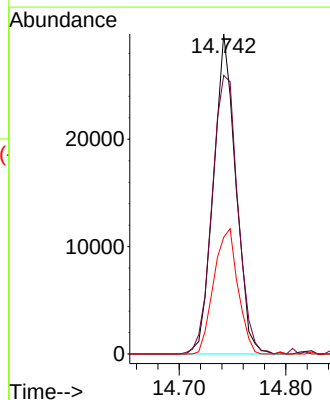
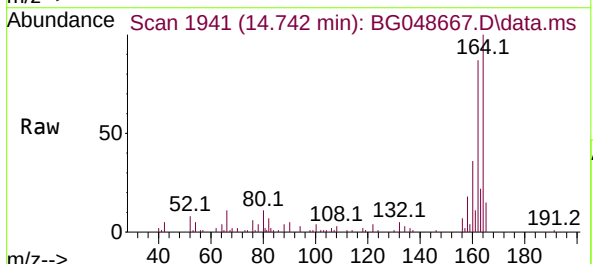
Delta R.T. -0.009 min

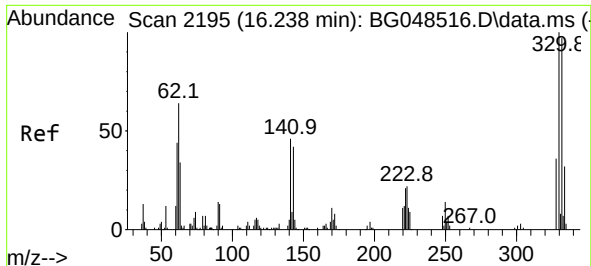
Lab File: BG048667.D

Acq: 12 Apr 2021 19:13

Tgt Ion:164 Resp: 43339

Ion	Ratio	Lower	Upper
164	100		
162	87.1	87.0	130.6
160	36.4	38.4	57.6#

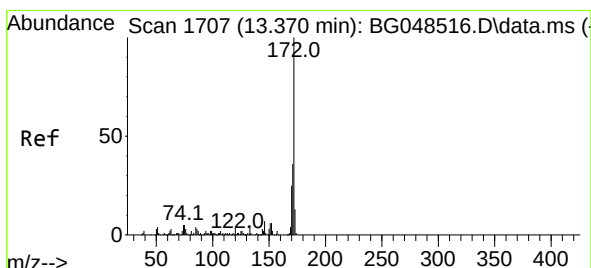
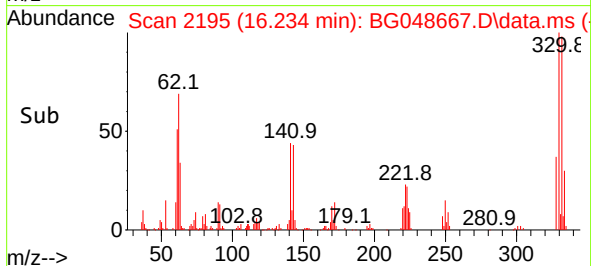
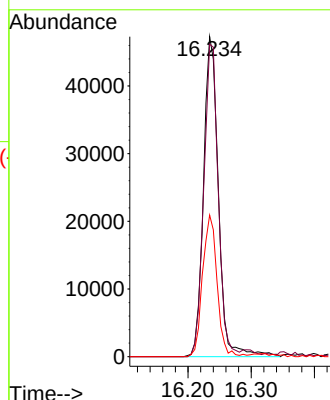
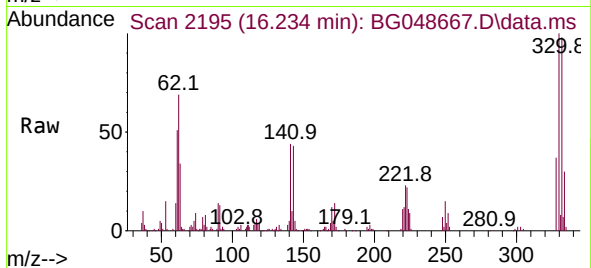




#42
2,4,6-Tribromophenol
Concen: 136.03 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

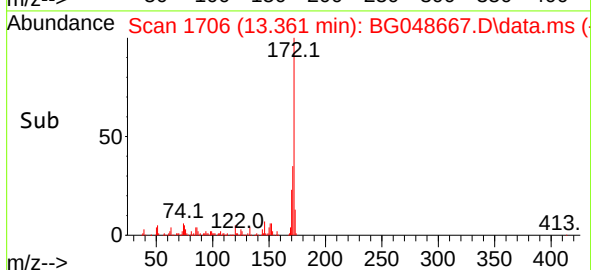
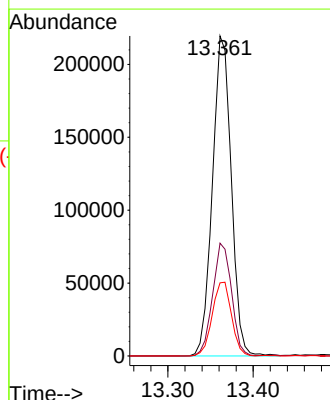
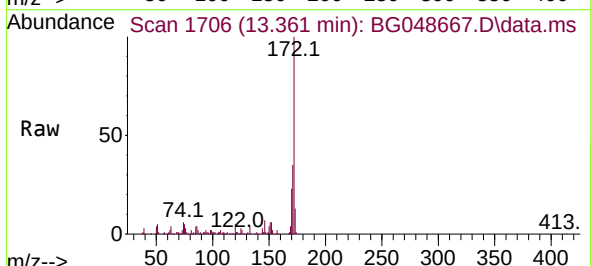
Instrument :
BNA_G
ClientSampleId :
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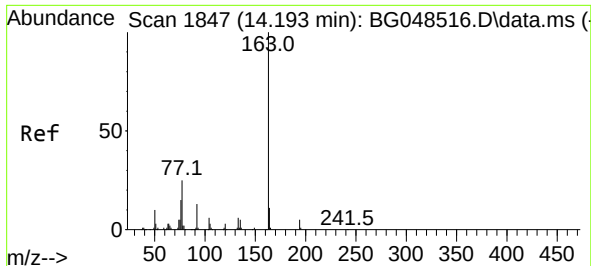
Tgt Ion:330 Resp: 77499
Ion Ratio Lower Upper
330 100
332 94.6 77.6 116.4
141 42.7 34.6 52.0



#45
2-Fluorobiphenyl
Concen: 115.83 ng
RT: 13.361 min Scan# 1706
Delta R.T. -0.009 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

Tgt Ion:172 Resp: 337747
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 22.8 19.8 29.6

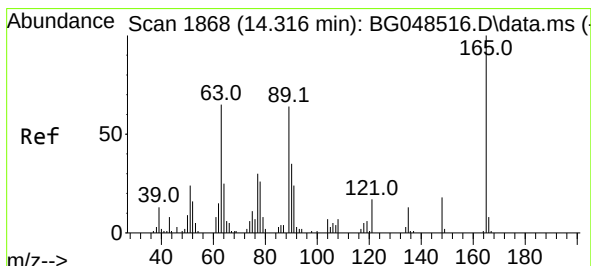
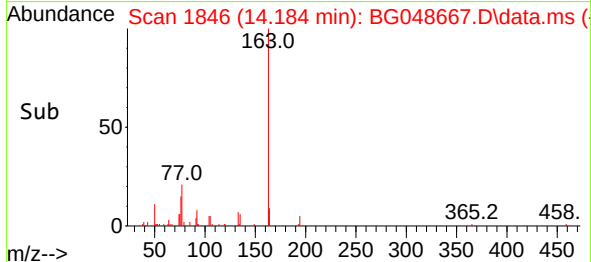
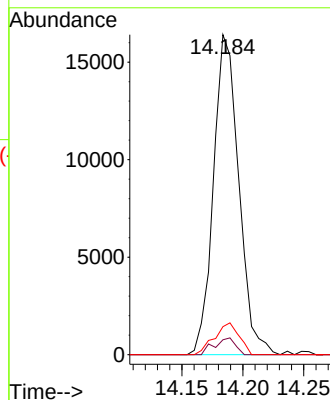
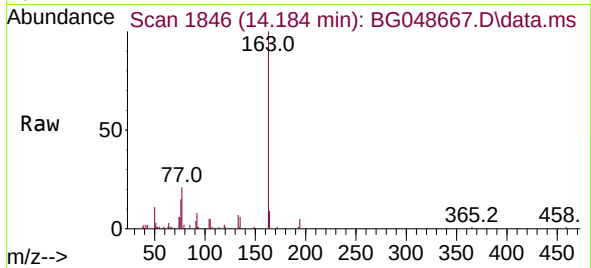




#50
Dimethylphthalate
Concen: 7.38 ng
RT: 14.184 min Scan# 1846
Delta R.T. -0.009 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

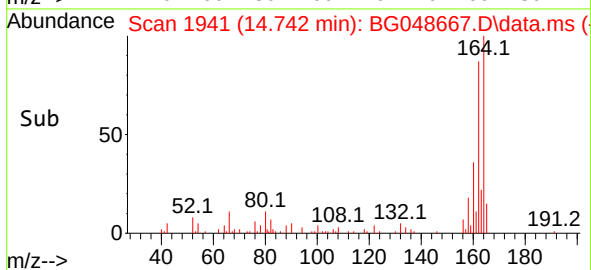
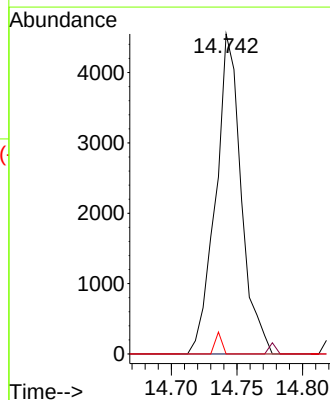
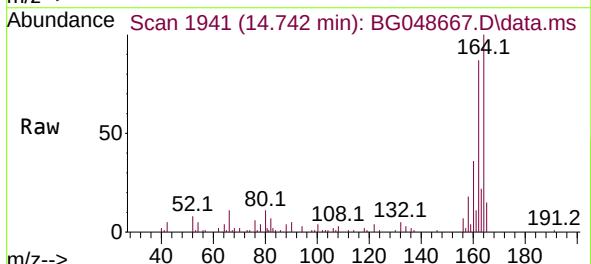
Instrument :
BNA_G
ClientSampleId :
MW-119

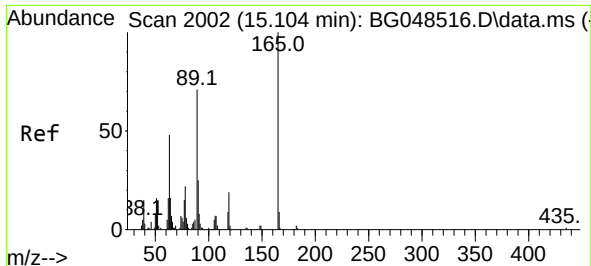
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	4.1	6.1
164	8.8	8.6	12.8



#51
2,6-Dinitrotoluene
Concen: 8.35 ng
RT: 14.742 min Scan# 1941
Delta R.T. 0.425 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

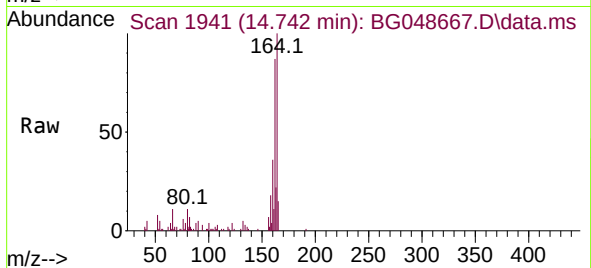
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	53.8	80.6#
89	0.0	50.8	76.2#



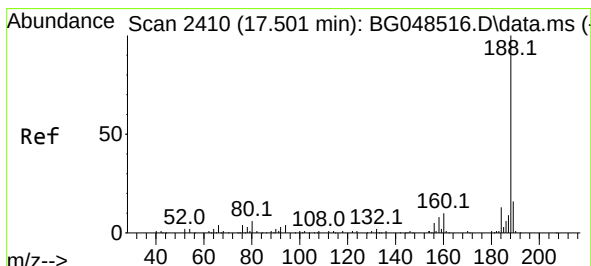
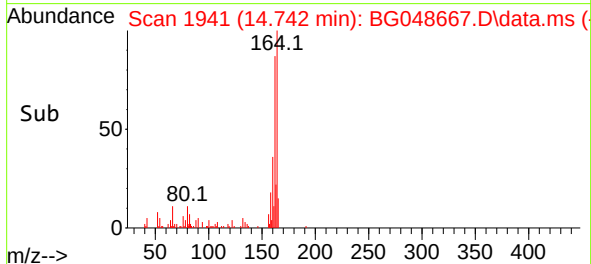
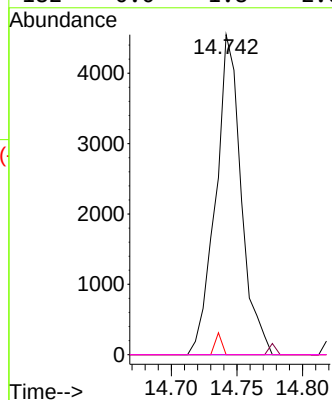


#57
2,4-Dinitrotoluene
Concen: 5.90 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.362 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

Instrument :
BNA_G
ClientSampled :
MW-119

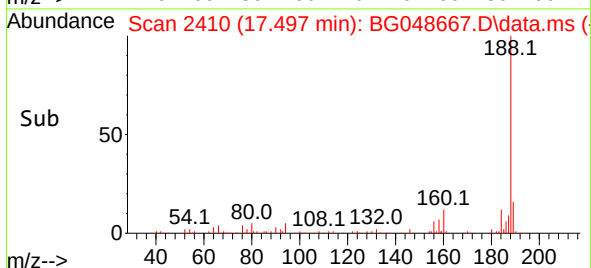
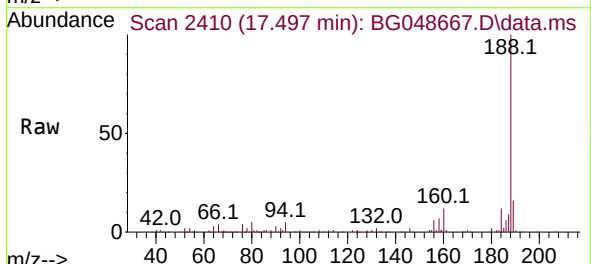
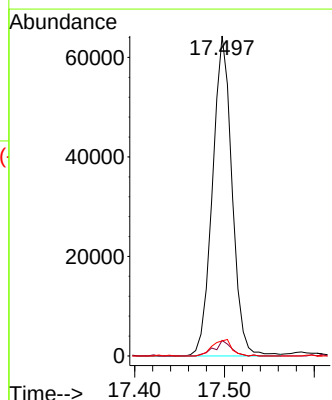


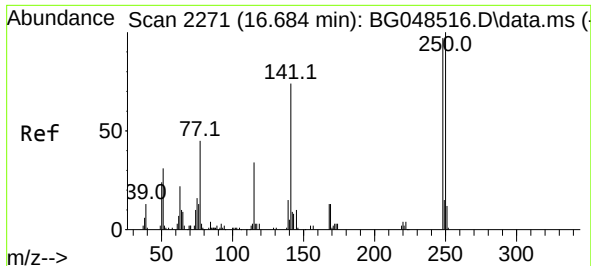
Tgt Ion:165	Resp:	6142
Ion Ratio	Lower	Upper
165	100	
63	0.0	38.3 57.5#
89	0.0	56.5 84.7#
182	0.0	1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.004 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

Tgt Ion:188	Resp:	97166
Ion Ratio	Lower	Upper
188	100	
94	4.9	3.0 4.6#
80	4.7	4.5 6.7

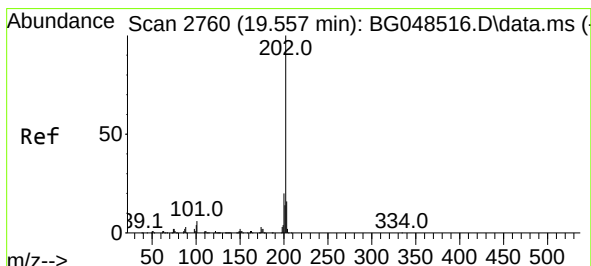
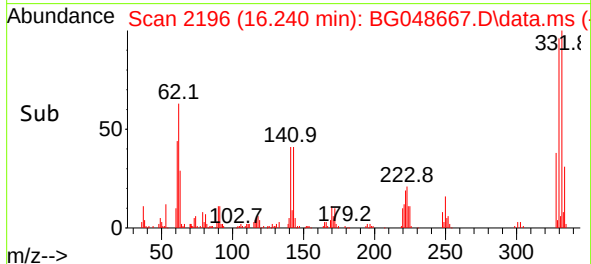
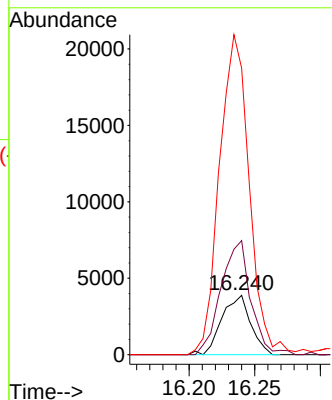
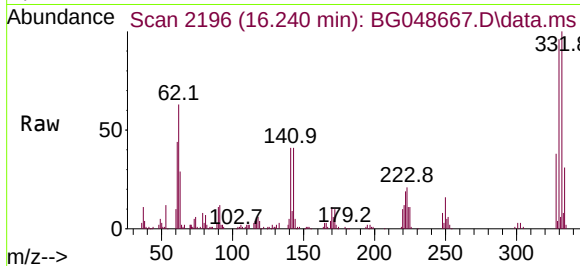




#67
4-Bromophenyl-phenylether
Concen: 5.51 ng
RT: 16.240 min Scan# 2196
Delta R.T. -0.444 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

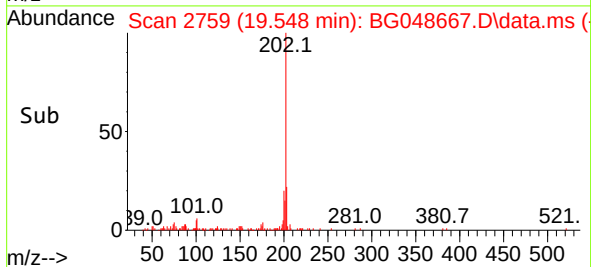
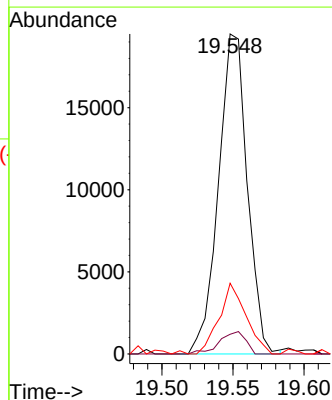
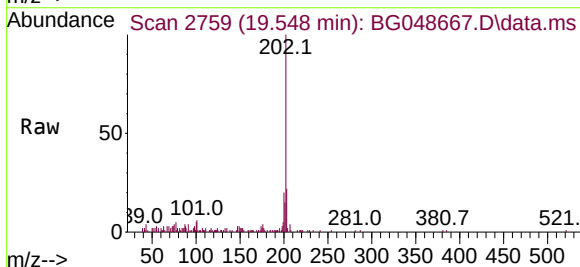
Instrument :
BNA_G
ClientSampleId :
MW-119

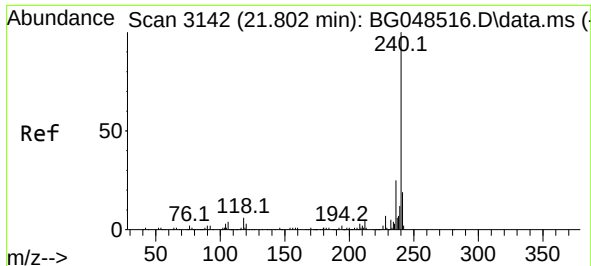
Tgt Ion:248 Resp: 5938
Ion Ratio Lower Upper
248 100
250 192.0 82.6 124.0#
141 482.7 61.0 91.6#



#75
Fluoranthene
Concen: 4.40 ng
RT: 19.548 min Scan# 2759
Delta R.T. -0.009 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

Tgt Ion:202 Resp: 27538
Ion Ratio Lower Upper
202 100
101 6.2 0.0 25.8
203 22.1 0.0 36.4

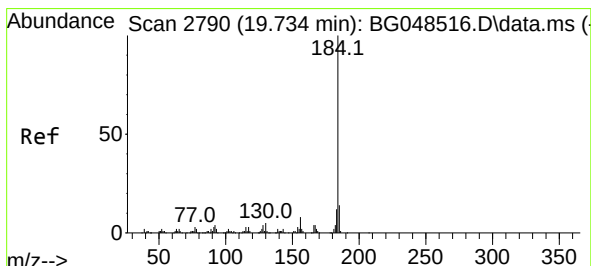
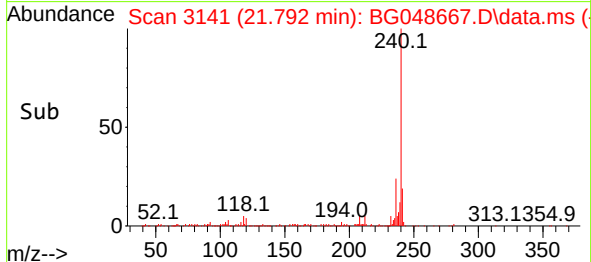
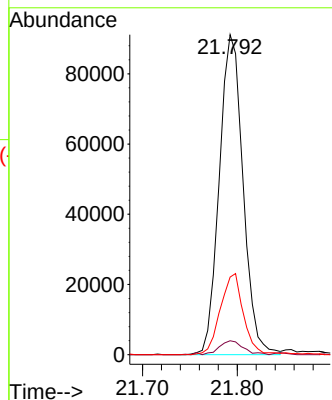
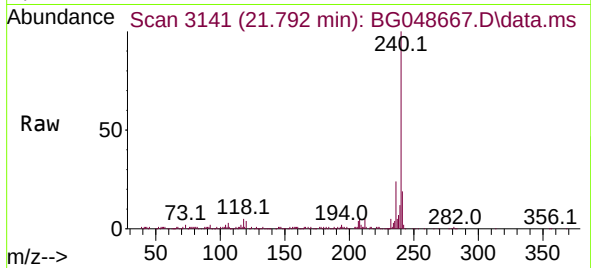




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.009 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

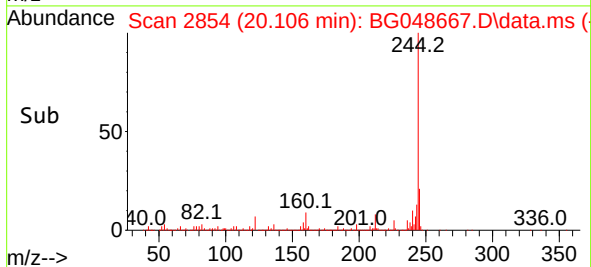
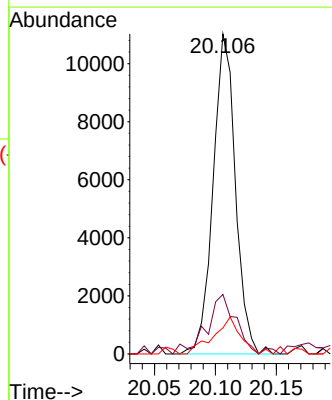
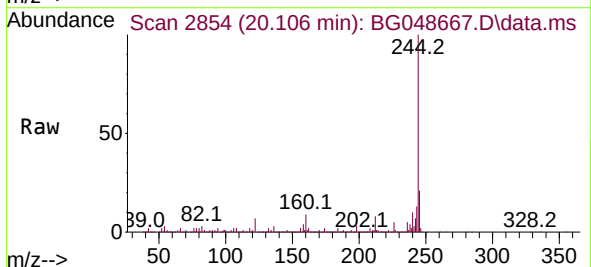
Instrument :
BNA_G
ClientSampleId :
MW-119

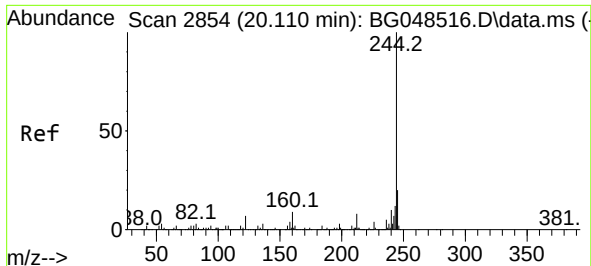
Tgt Ion:240 Resp: 158940
Ion Ratio Lower Upper
240 100
120 4.3 2.6 3.8#
236 24.2 19.8 29.6



#77
Benzidine
Concen: 2.61 ng
RT: 20.106 min Scan# 2854
Delta R.T. 0.373 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

Tgt Ion:184 Resp: 14070
Ion Ratio Lower Upper
184 100
185 18.6 11.0 16.4#
183 8.2 9.2 13.8#

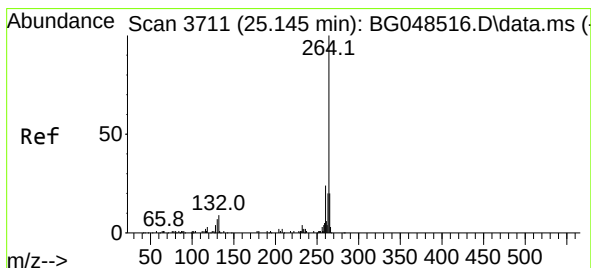
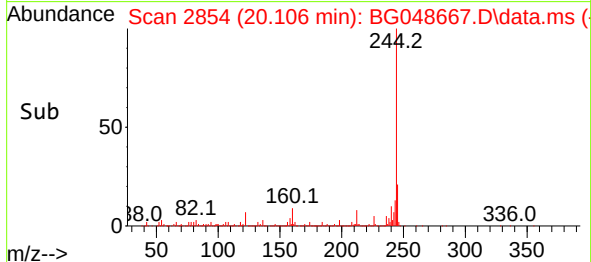
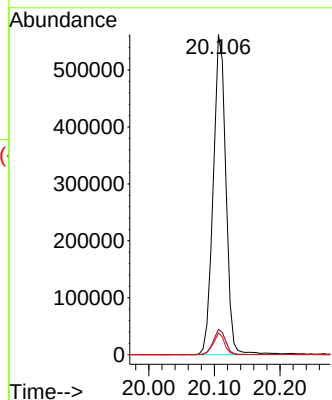
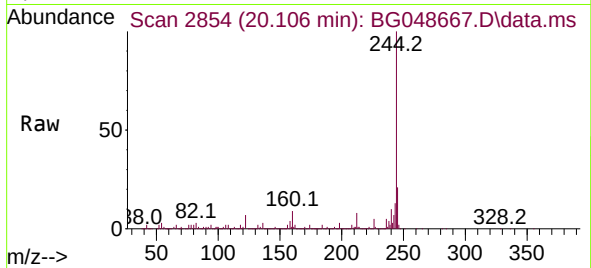




#79
Terphenyl-d14
Concen: 86.77 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.004 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

Instrument :
BNA_G
ClientSampleId :
MW-119

Tgt Ion:244 Resp: 754156
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 6.8 5.8 8.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.135 min Scan# 3710
Delta R.T. -0.009 min
Lab File: BG048667.D
Acq: 12 Apr 2021 19:13

Tgt Ion:264 Resp: 160432
Ion Ratio Lower Upper
264 100
260 24.9 19.1 28.7
265 20.2 16.1 24.1

