

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040621\
 Data File : BG048610.D
 Acq On : 6 Apr 2021 19:06
 Operator : CG/JU
 Sample : M1894-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0156-AMENDED-CP-COMP

Quant Time: Apr 07 00:37:43 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)

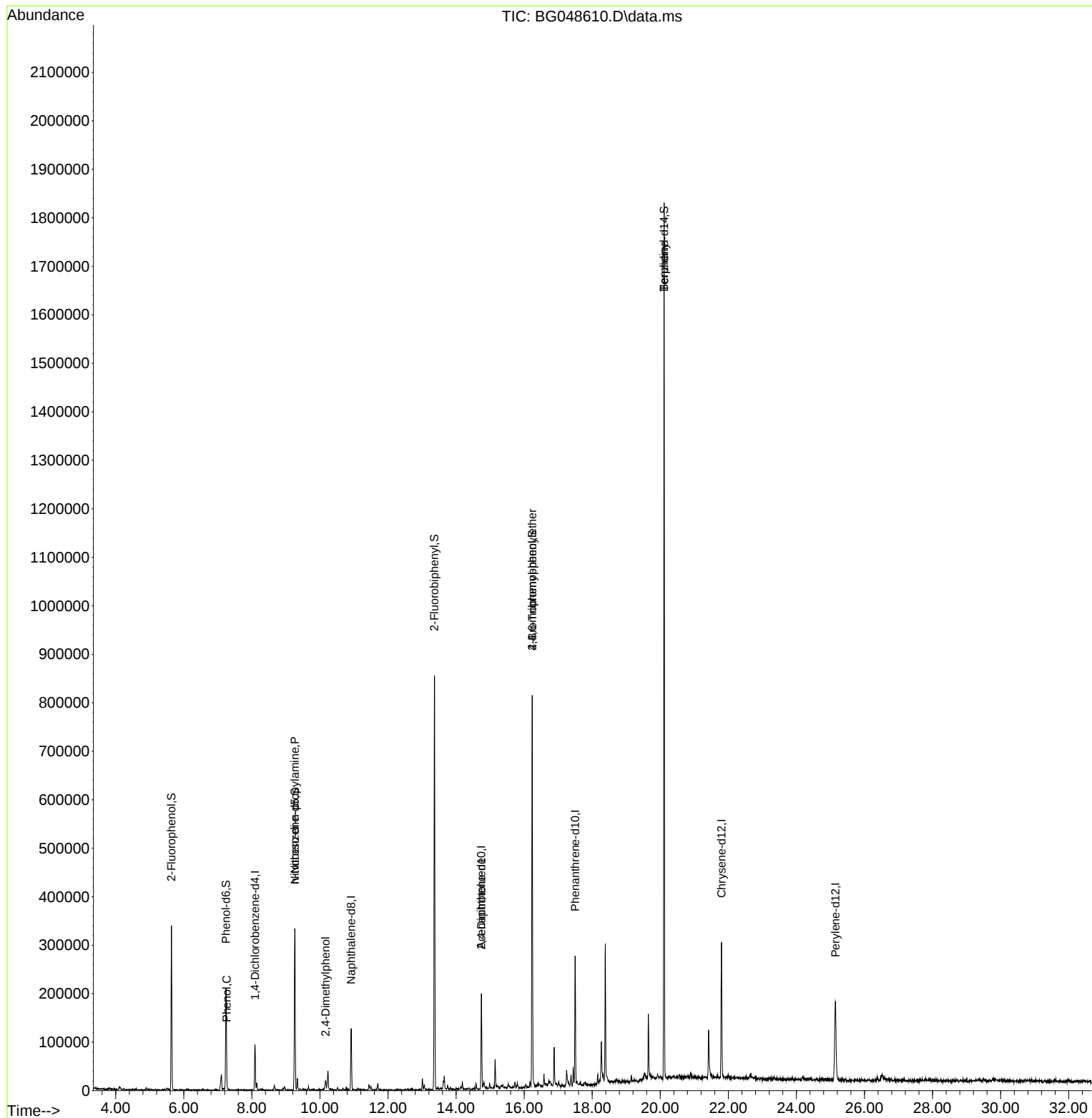
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.092	152	24859	20.00	ng	# 0.00
21) Naphthalene-d8	10.918	136	102909	20.00	ng	0.00
39) Acenaphthene-d10	14.743	164	69436	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	166270	20.00	ng	0.00
76) Chrysene-d12	21.799	240	179270	20.00	ng	# 0.00
86) Perylene-d12	25.142	264	177202	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.636	112	137947	97.97	ng	0.00
7) Phenol-d6	7.240	99	110546	54.13	ng	0.00
23) Nitrobenzene-d5	9.261	82	194452	91.48	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	145588	159.50	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	450892	96.52	ng	0.00
79) Terphenyl-d14	20.113	244	819394	83.59	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.263	94	4520	2.21	ng	84
19) n-Nitroso-di-n-propyla...	9.261	70	30379	21.58	ng	# 70
27) 2,4-Dimethylphenol	10.166	122	5453	3.62	ng	# 2
57) 2,4-Dinitrotoluene	14.743	165	9583	5.75	ng	# 27
67) 4-Bromophenyl-phenylether	16.235	248	10909	5.92	ng	# 1
77) Benzidine	20.113	184	15823	2.61	ng	# 91

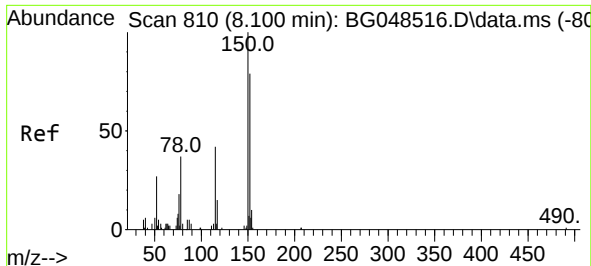
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
0156-AMENDED-CP-COMP

Quant Time: Apr 07 00:37:43 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

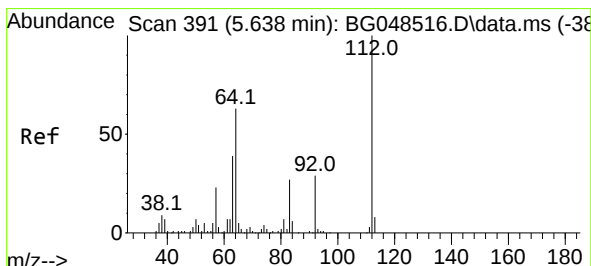
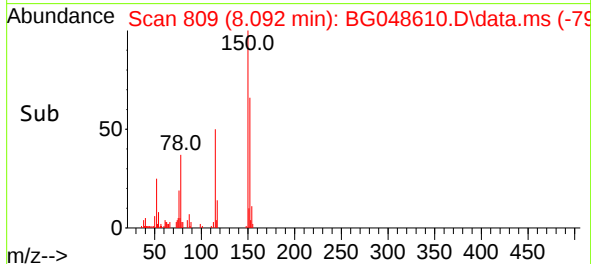
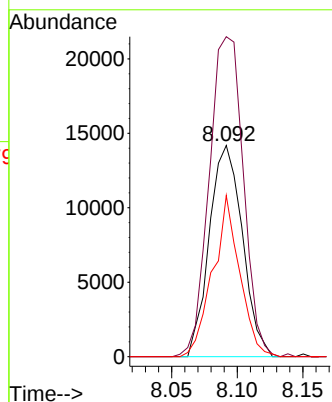
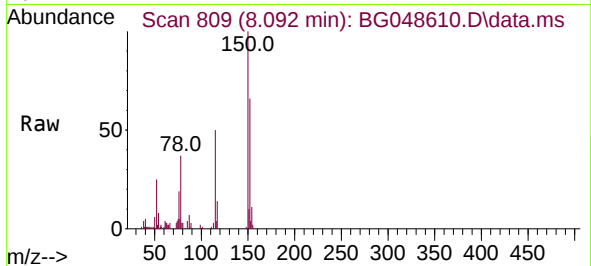




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.092 min Scan# 809
Delta R.T. -0.002 min
Lab File: BG048610.D
Acq: 6 Apr 2021 19:06

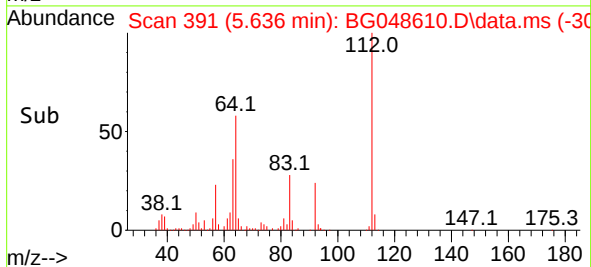
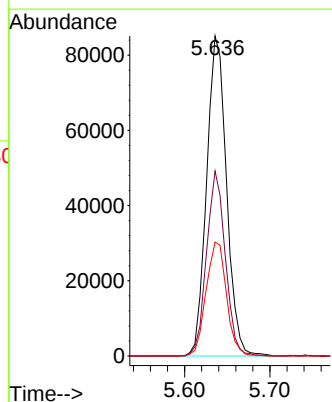
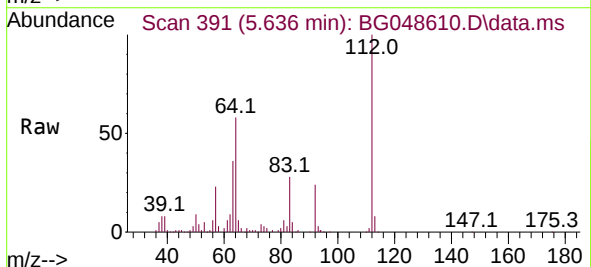
Instrument :
BNA_G
ClientSampleId :
0156-AMENDED-CP-COMP

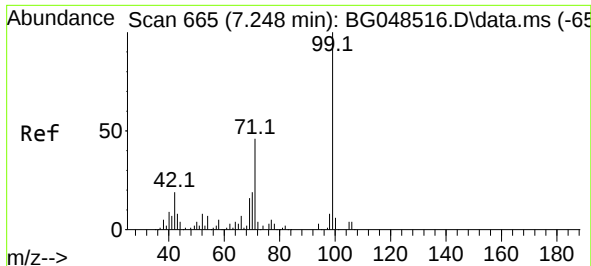
Tgt Ion:152 Resp: 24859
Ion Ratio Lower Upper
152 100
150 151.6 101.3 151.9
115 76.3 42.3 63.5#



#5
2-Fluorophenol
Concen: 97.97 ng
RT: 5.636 min Scan# 391
Delta R.T. -0.002 min
Lab File: BG048610.D
Acq: 6 Apr 2021 19:06

Tgt Ion:112 Resp: 137947
Ion Ratio Lower Upper
112 100
64 57.8 50.4 75.6
63 35.6 31.4 47.2

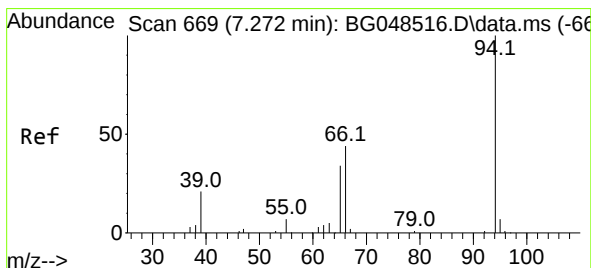
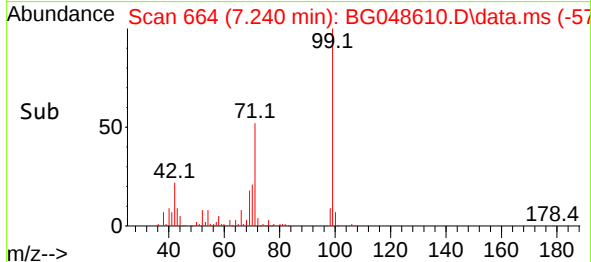
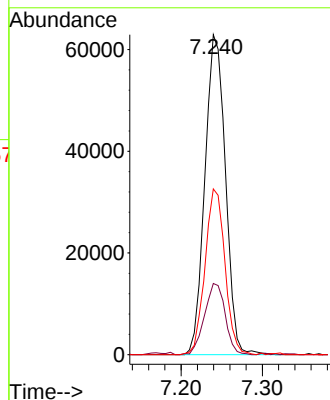
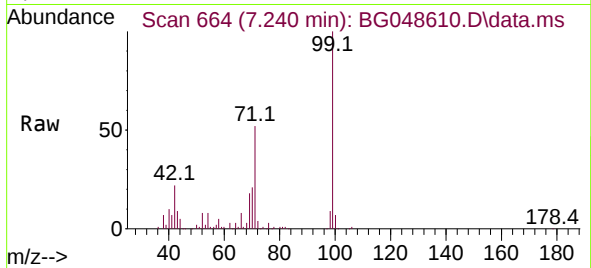




#7
Phenol-d6
Concen: 54.13 ng
RT: 7.240 min Scan# 664
Delta R.T. -0.008 min
Lab File: BG048610.D
Acq: 6 Apr 2021 19:06

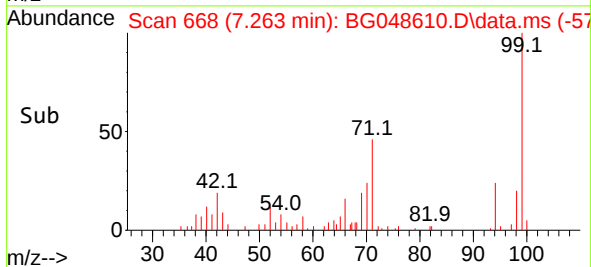
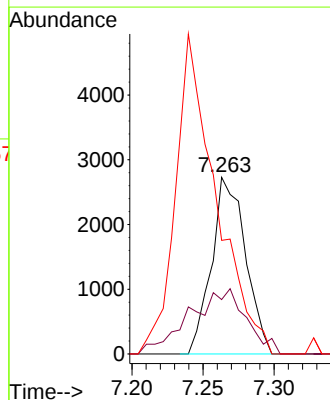
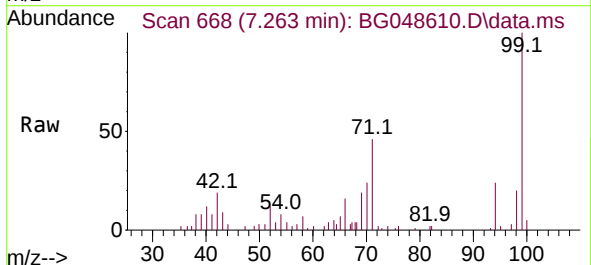
Instrument :
BNA_G
ClientSampleId :
0156-AMENDED-CP-COMP

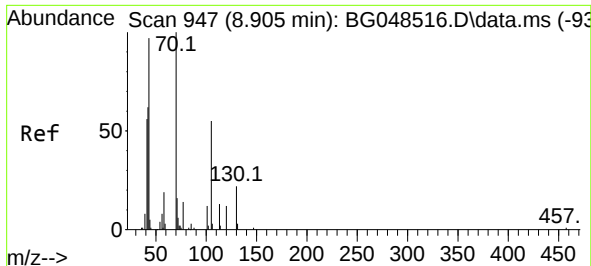
Tgt Ion: 99 Resp: 110546
Ion Ratio Lower Upper
99 100
42 22.2 15.5 23.3
71 51.8 36.6 54.8



#10
Phenol
Concen: 2.21 ng
RT: 7.263 min Scan# 668
Delta R.T. -0.008 min
Lab File: BG048610.D
Acq: 6 Apr 2021 19:06

Tgt Ion: 94 Resp: 4520
Ion Ratio Lower Upper
94 100
65 30.8 15.1 55.1
66 64.3 28.9 68.9



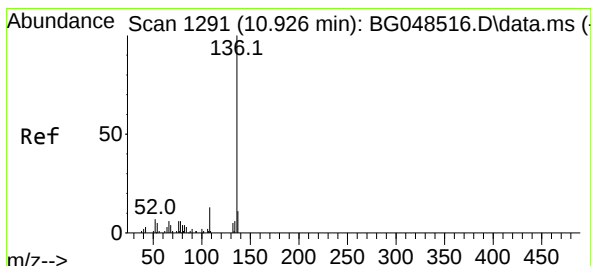
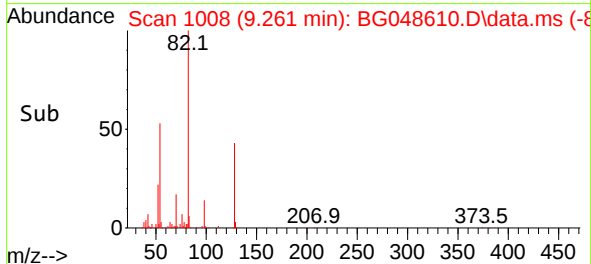
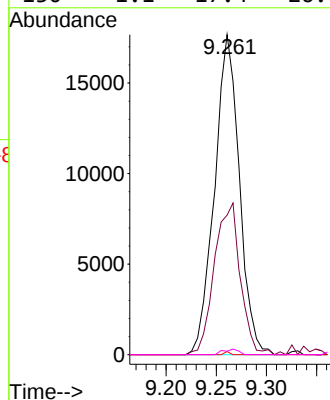
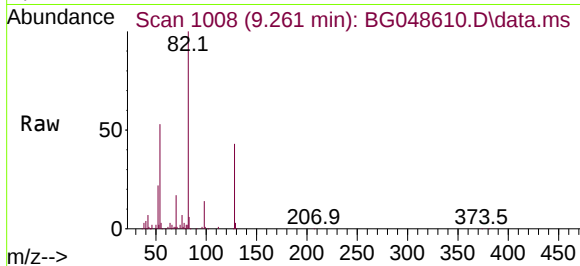


#19
n-Nitroso-di-n-propylamine
Concen: 21.58 ng
RT: 9.261 min Scan# 1008
Delta R.T. 0.356 min
Lab File: BG048610.D
Acq: 6 Apr 2021 19:06

Instrument :
BNA_G
ClientSampleId :
0156-AMENDED-CP-COMP

Tgt Ion: 70 Resp: 30379

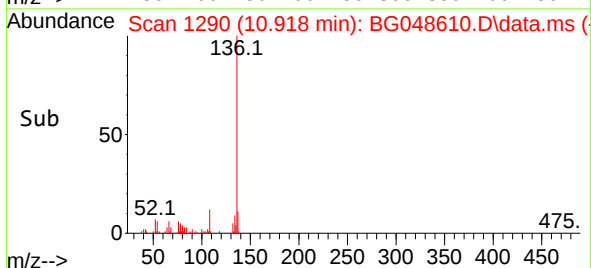
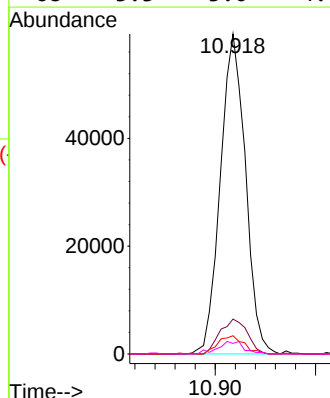
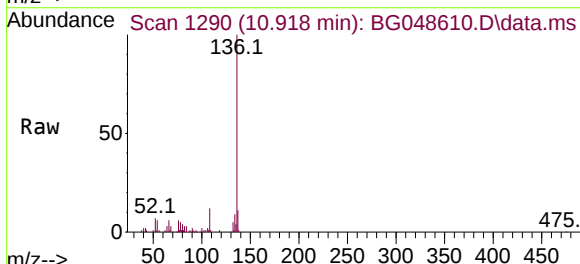
Ion	Ratio	Lower	Upper
70	100		
42	43.6	50.8	76.2#
101	1.0	9.7	14.5#
130	1.1	17.4	26.0#

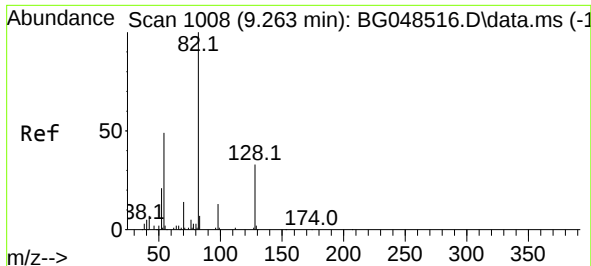


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.918 min Scan# 1290
Delta R.T. -0.008 min
Lab File: BG048610.D
Acq: 6 Apr 2021 19:06

Tgt Ion: 136 Resp: 102909

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	5.7	4.2	6.4
68	3.3	3.0	4.4

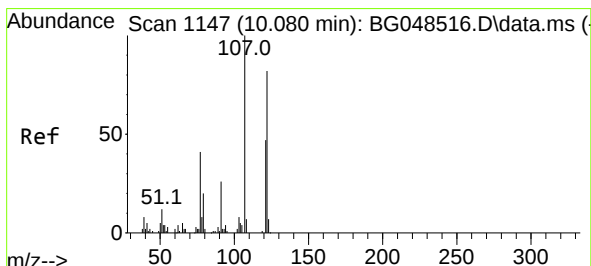
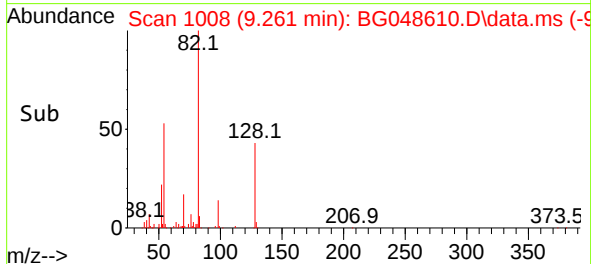
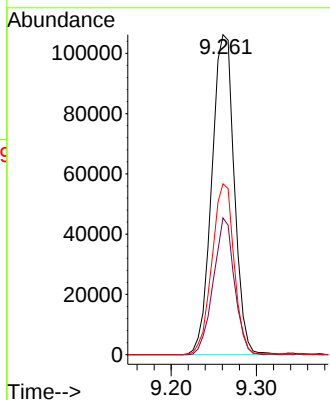
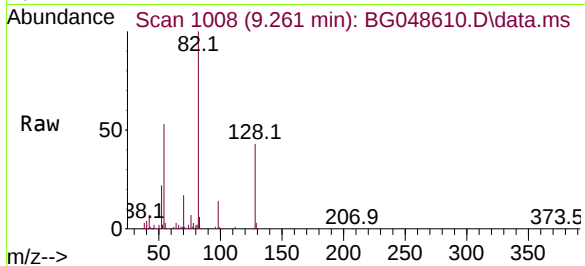




#23
Nitrobenzene-d5
Concen: 91.48 ng
RT: 9.261 min Scan# 1008
Delta R.T. -0.008 min
Lab File: BG048610.D
Acq: 6 Apr 2021 19:06

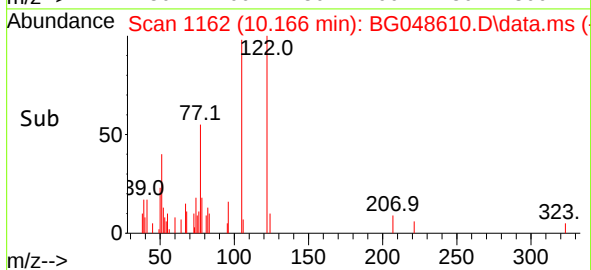
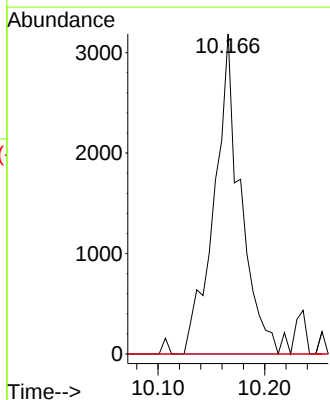
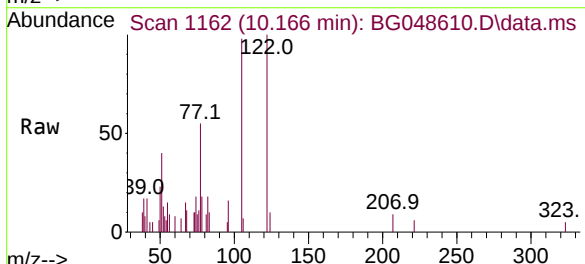
Instrument :
BNA_G
ClientSampleId :
0156-AMENDED-CP-COMP

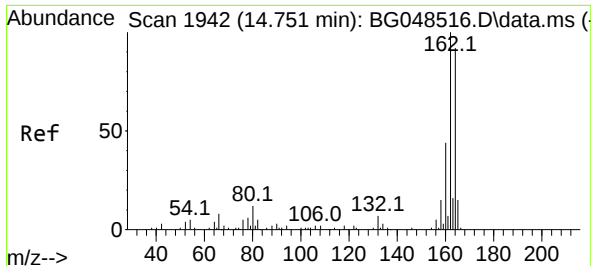
Tgt Ion: 82 Resp: 194452
Ion Ratio Lower Upper
82 100
128 42.8 26.2 39.4#
54 53.4 38.9 58.3



#27
2,4-Dimethylphenol
Concen: 3.62 ng
RT: 10.166 min Scan# 1162
Delta R.T. 0.086 min
Lab File: BG048610.D
Acq: 6 Apr 2021 19:06

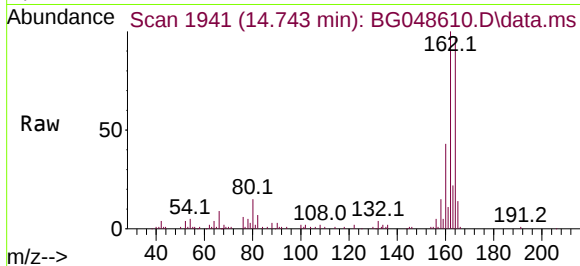
Tgt Ion:122 Resp: 5453
Ion Ratio Lower Upper
122 100
107 0.0 96.6 145.0#
121 0.0 45.3 67.9#



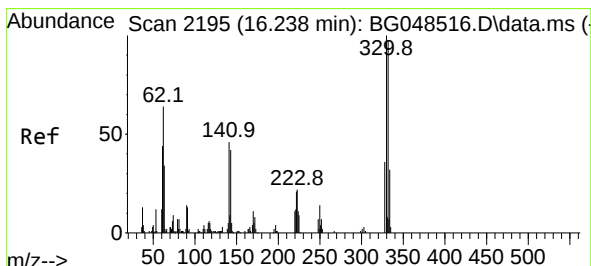
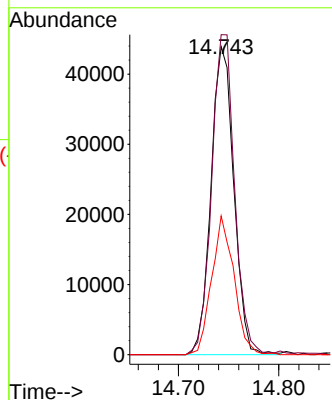
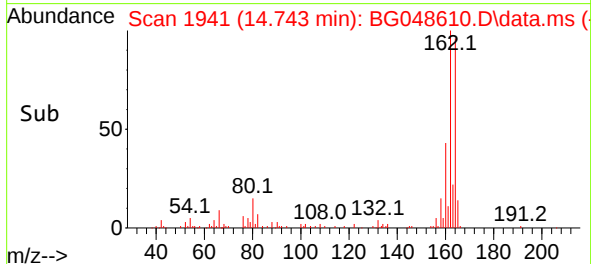


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.008 min
Lab File: BG048610.D
Acq: 6 Apr 2021 19:06

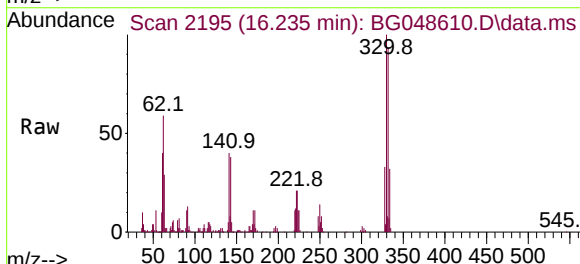
Instrument :
BNA_G
ClientSampleId :
0156-AMENDED-CP-COMP



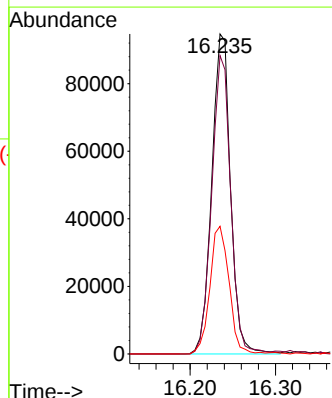
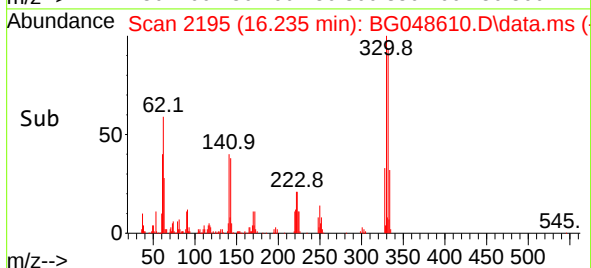
Tgt Ion:164 Resp: 69436
Ion Ratio Lower Upper
164 100
162 103.9 87.0 130.6
160 45.0 38.4 57.6

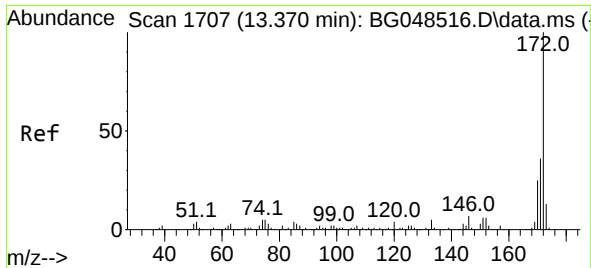


#42
2,4,6-Tribromophenol
Concen: 159.50 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.008 min
Lab File: BG048610.D
Acq: 6 Apr 2021 19:06



Tgt Ion:330 Resp: 145588
Ion Ratio Lower Upper
330 100
332 93.8 77.6 116.4
141 40.5 34.6 52.0

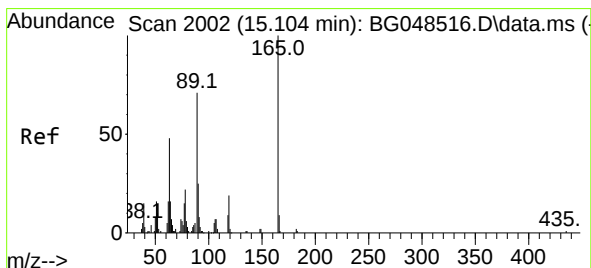
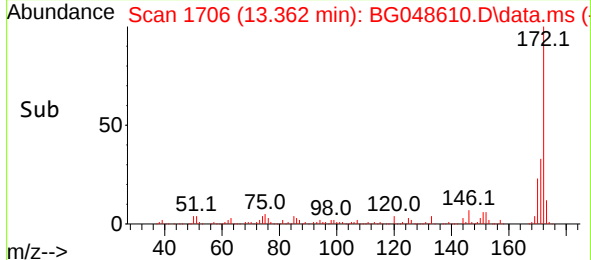
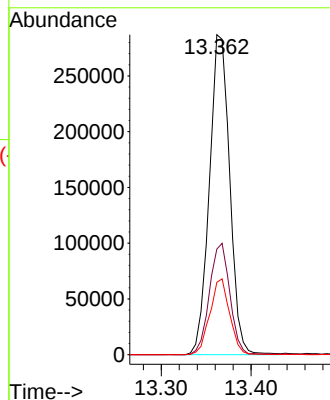
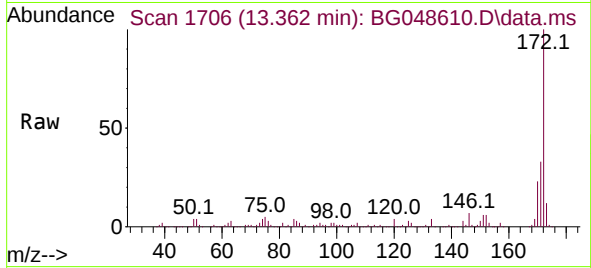




#45
2-Fluorobiphenyl
Concen: 96.52 ng
RT: 13.362 min Scan# 1706
Delta R.T. -0.008 min
Lab File: BG048610.D
Acq: 6 Apr 2021 19:06

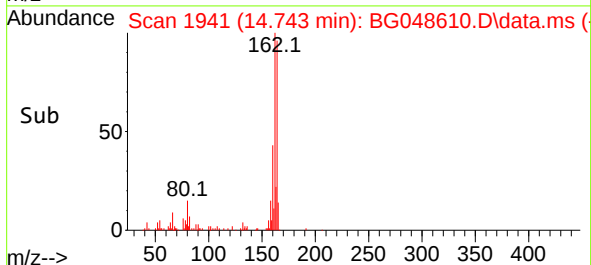
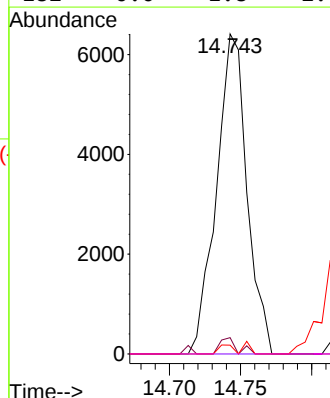
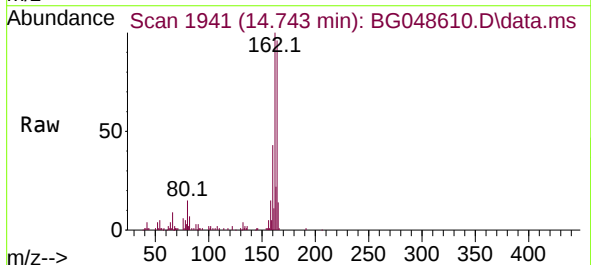
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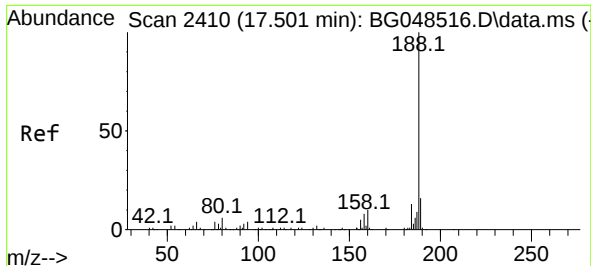
Tgt Ion:172	Resp: 450892
Ion Ratio	Lower Upper
172	100
171	33.0 28.5 42.7
170	22.6 19.8 29.6



#57
2,4-Dinitrotoluene
Concen: 5.75 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.361 min
Lab File: BG048610.D
Acq: 6 Apr 2021 19:06

Tgt Ion:165	Resp: 9583
Ion Ratio	Lower Upper
165	100
63	5.1 38.3 57.5#
89	2.8 56.5 84.7#
182	0.0 1.8 2.6#

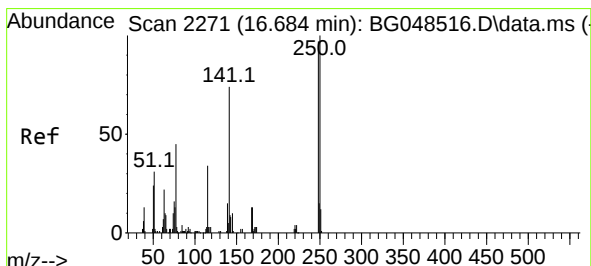
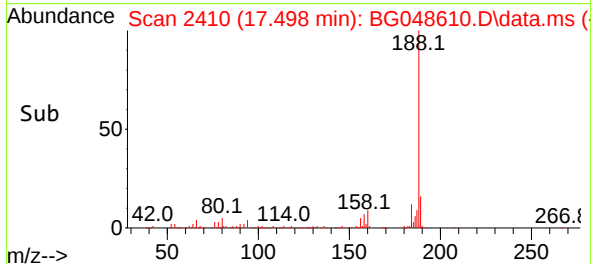
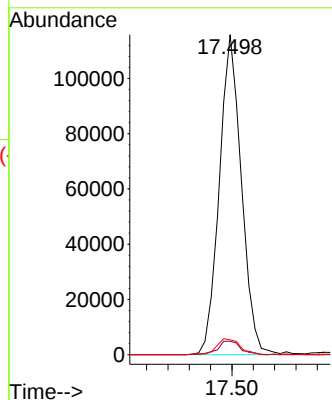
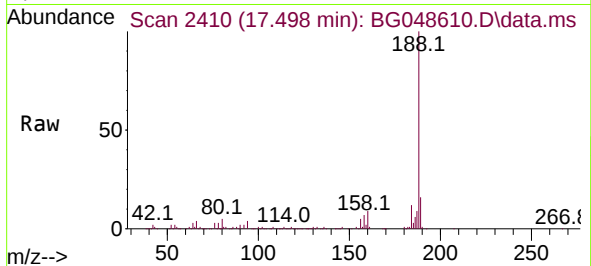




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2410
Delta R.T. -0.008 min
Lab File: BG048610.D
Acq: 6 Apr 2021 19:06

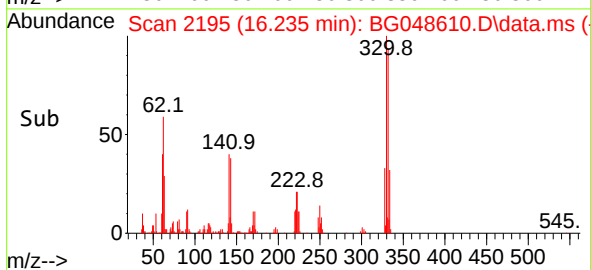
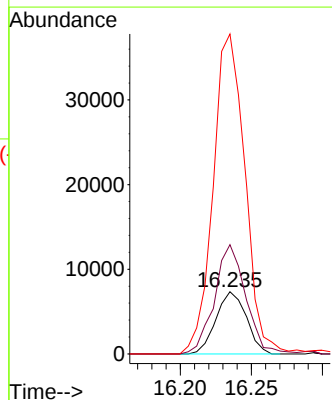
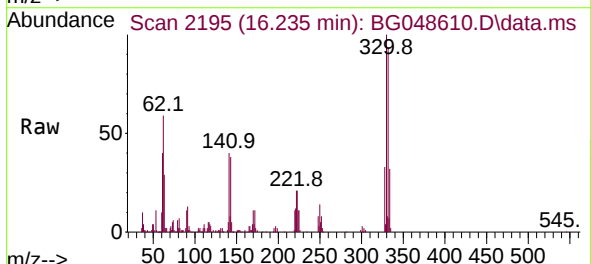
Instrument :
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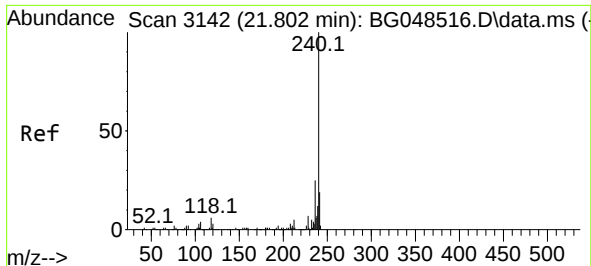
Tgt Ion:188 Resp: 166270
Ion Ratio Lower Upper
188 100
94 4.2 3.0 4.6
80 4.6 4.5 6.7



#67
4-Bromophenyl-phenylether
Concen: 5.92 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.455 min
Lab File: BG048610.D
Acq: 6 Apr 2021 19:06

Tgt Ion:248 Resp: 10909
Ion Ratio Lower Upper
248 100
250 175.5 82.6 124.0#
141 513.8 61.0 91.6#

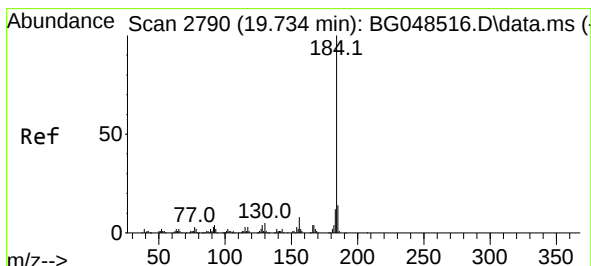
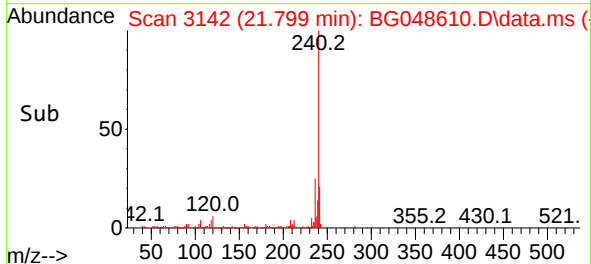
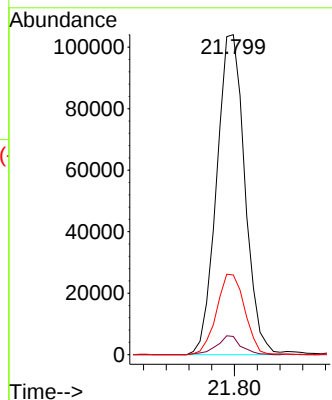
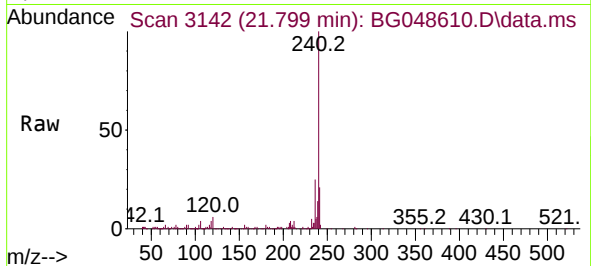




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.799 min Scan# 3142
Delta R.T. -0.002 min
Lab File: BG048610.D
Acq: 6 Apr 2021 19:06

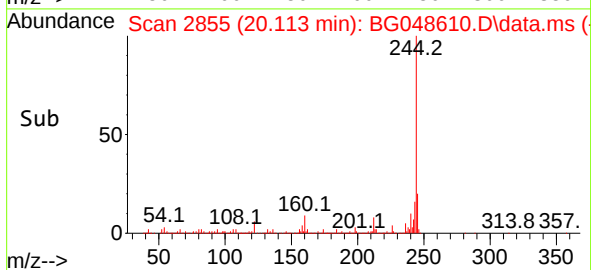
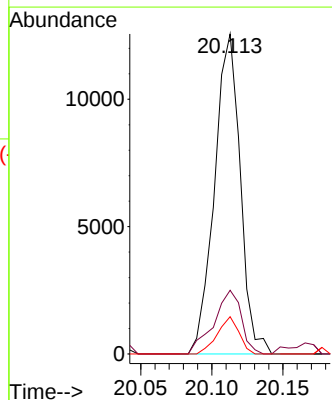
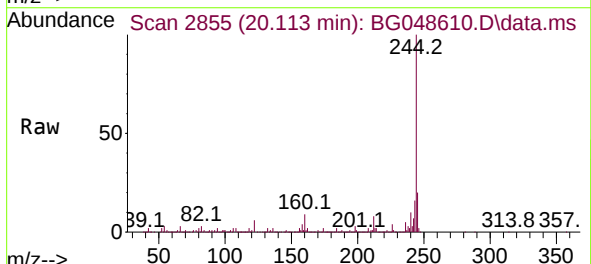
Instrument :
BNA_G
ClientSampleId :
0156-AMENDED-CP-COMP

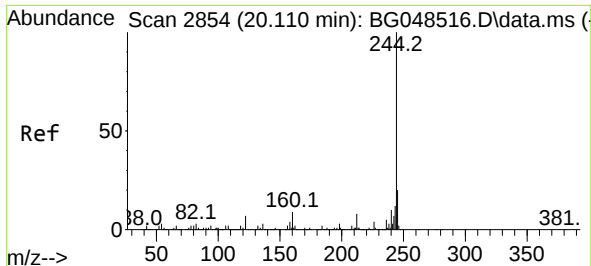
Tgt Ion:240 Resp: 179270
Ion Ratio Lower Upper
240 100
120 5.7 2.6 3.8#
236 24.9 19.8 29.6



#77
Benzidine
Concen: 2.61 ng
RT: 20.113 min Scan# 2855
Delta R.T. 0.380 min
Lab File: BG048610.D
Acq: 6 Apr 2021 19:06

Tgt Ion:184 Resp: 15823
Ion Ratio Lower Upper
184 100
185 19.9 11.0 16.4#
183 11.6 9.2 13.8

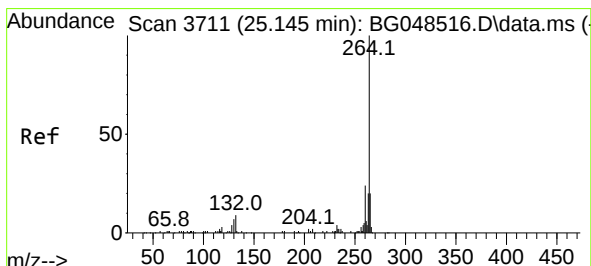
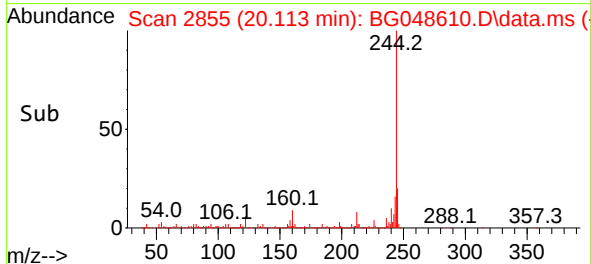
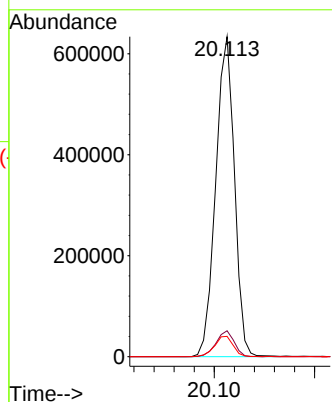
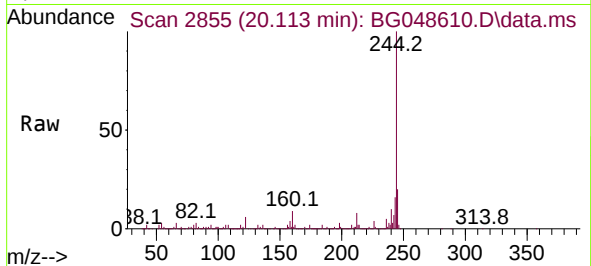




#79
 Terphenyl-d14
 Concen: 83.59 ng
 RT: 20.113 min Scan# 2855
 Delta R.T. -0.002 min
 Lab File: BG048610.D
 Acq: 6 Apr 2021 19:06

Instrument :
 BNA_G
 ClientSampleId :
 0156-AMENDED-CP-COMP

Tgt Ion:244 Resp: 819394
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 6.3 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: BG048610.D
 Acq: 6 Apr 2021 19:06

Tgt Ion:264 Resp: 177202
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.2 16.1 24.1

