

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048750.D
 Acq On : 17 Apr 2021 11:40
 Operator : CG/JU
 Sample : M2050-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Apr 19 00:25:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 15:59:00 2021
 Response via : Initial Calibration

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

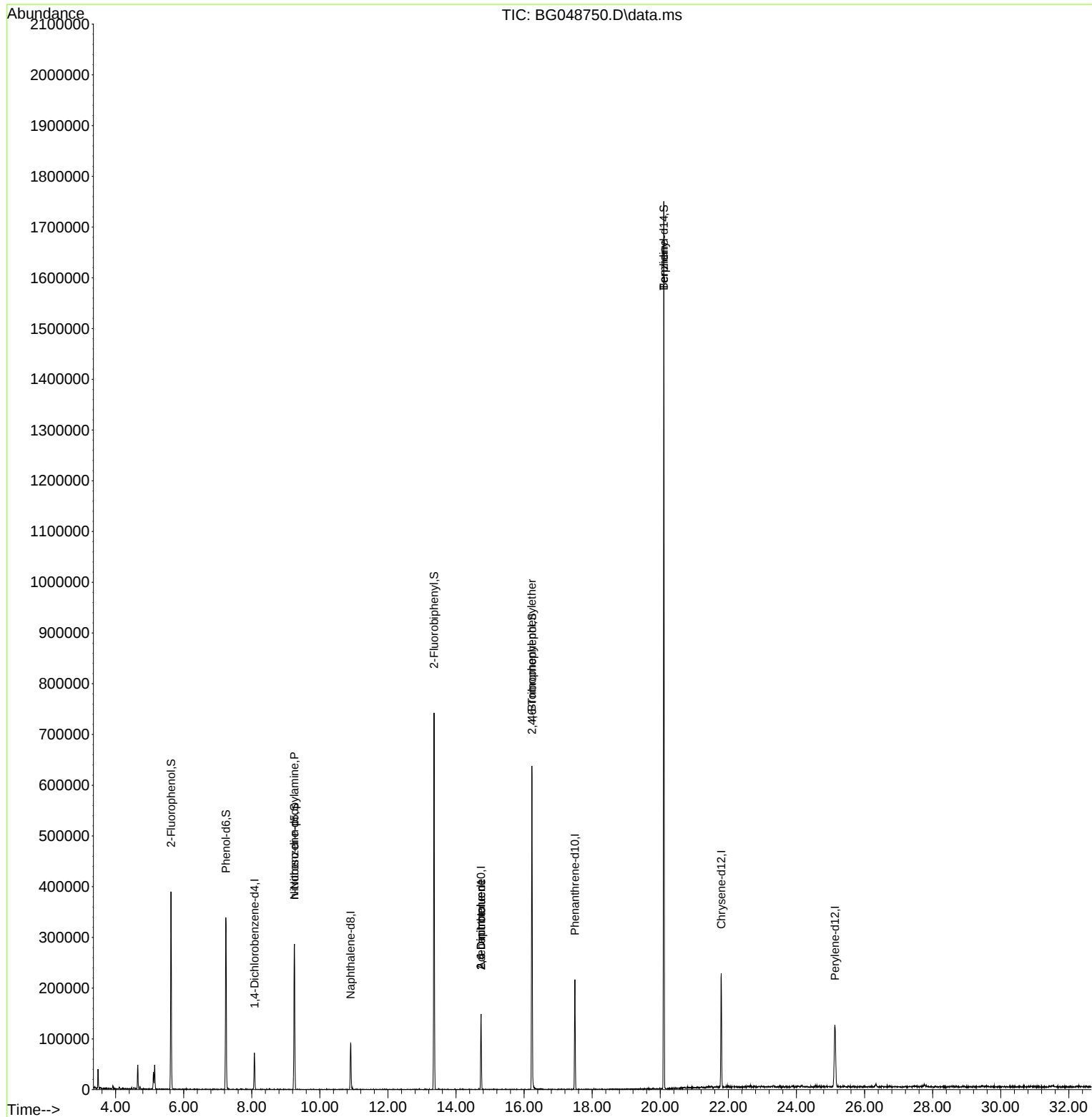
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	17568	20.00	ng	# 0.00
21) Naphthalene-d8	10.903	136	73942	20.00	ng	# 0.00
39) Acenaphthene-d10	14.734	164	52761	20.00	ng	0.00
64) Phenanthrene-d10	17.490	188	134496	20.00	ng	# 0.00
76) Chrysene-d12	21.791	240	138665	20.00	ng	# 0.00
86) Perylene-d12	25.128	264	136788	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.627	112	140224	133.50	ng	0.00
7) Phenol-d6	7.237	99	156596	105.40	ng	0.00
23) Nitrobenzene-d5	9.252	82	160963	97.46	ng	0.00
42) 2,4,6-Tribromophenol	16.232	330	105160	148.65	ng	0.00
45) 2-Fluorobiphenyl	13.353	172	351242	96.14	ng	0.00
79) Terphenyl-d14	20.104	244	764500	94.89	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.252	70	27210	27.14	ng	# 65
51) 2,6-Dinitrotoluene	14.734	165	6982	7.65	ng	# 12
57) 2,4-Dinitrotoluene	14.734	165	6982	5.27	ng	# 17
67) 4-Bromophenyl-phenylether	16.227	248	6926	4.47	ng	# 1
77) Benzidine	20.104	184	15067	4.00	ng	# 92

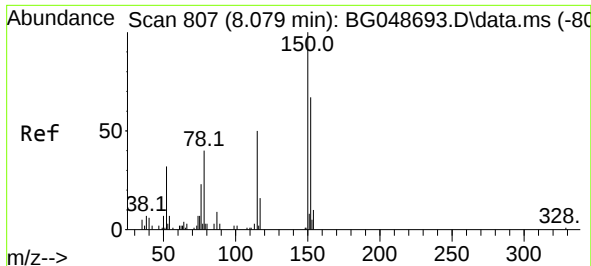
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
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QLast Update : Fri Apr 16 15:59:00 2021
Response via : Initial Calibration

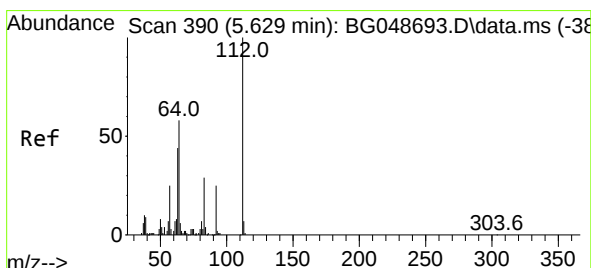
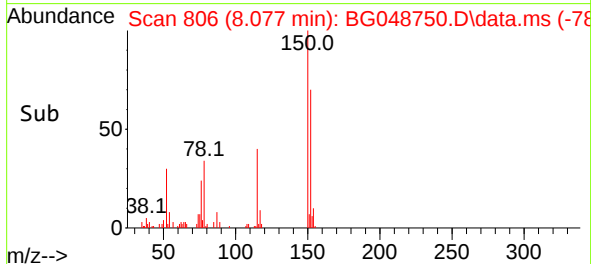
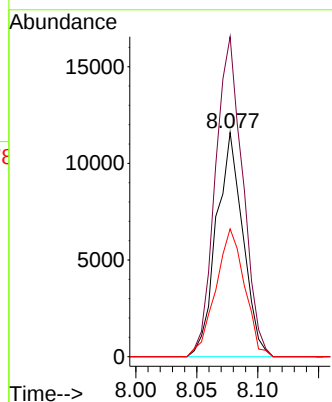
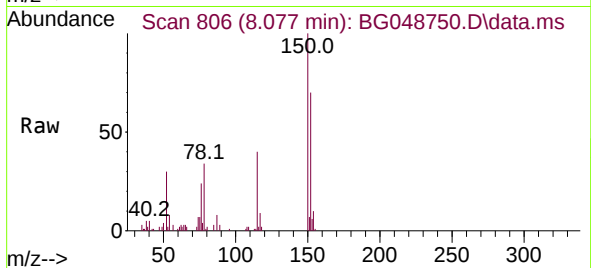




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.077 min Scan# 806
Delta R.T. -0.003 min
Lab File: BG048750.D
Acq: 17 Apr 2021 11:40

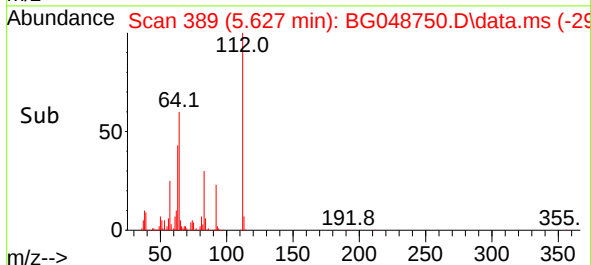
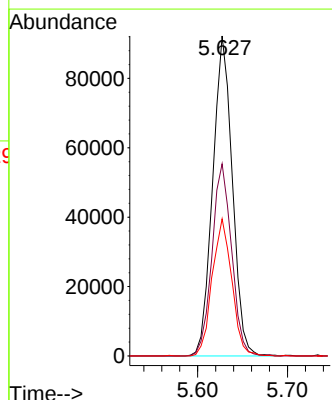
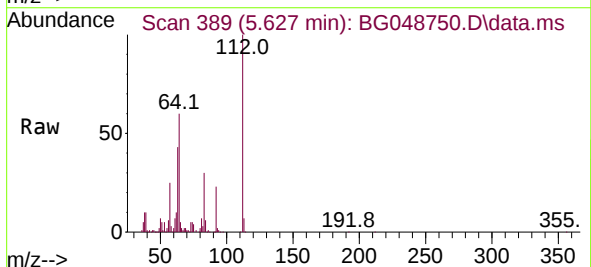
Instrument :
BNA_G
ClientSampleId :
TP-7

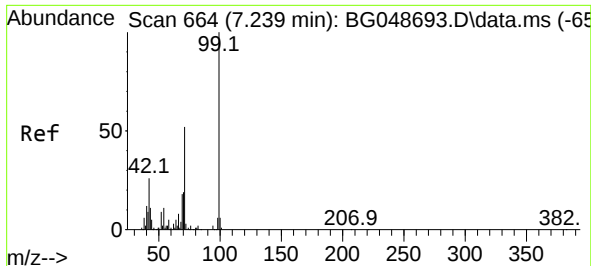
Tgt Ion:152 Resp: 17568
Ion Ratio Lower Upper
152 100
150 142.8 119.4 179.0
115 57.0 60.2 90.4#



#5
2-Fluorophenol
Concen: 133.50 ng
RT: 5.627 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG048750.D
Acq: 17 Apr 2021 11:40

Tgt Ion:112 Resp: 140224
Ion Ratio Lower Upper
112 100
64 60.1 46.7 70.1
63 42.8 35.3 52.9

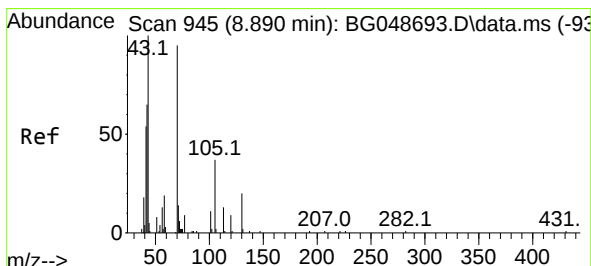
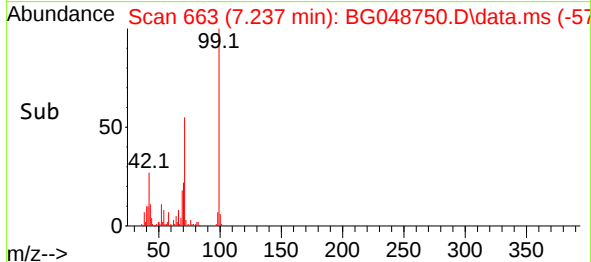
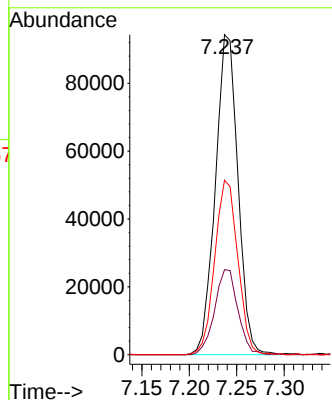
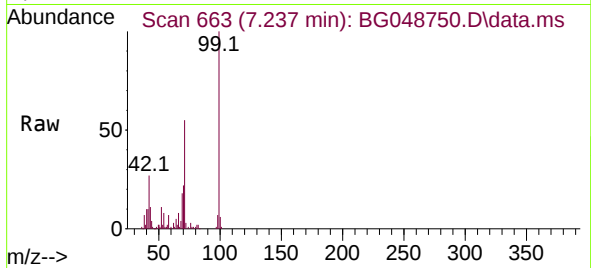




#7
Phenol-d6
Concen: 105.40 ng
RT: 7.237 min Scan# 663
Delta R.T. -0.003 min
Lab File: BG048750.D
Acq: 17 Apr 2021 11:40

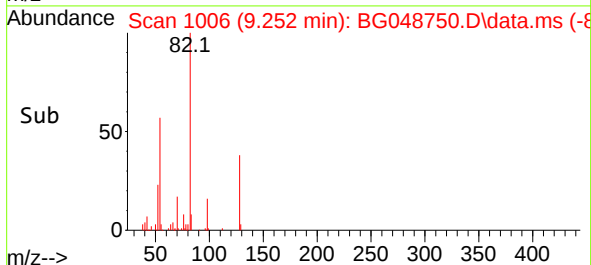
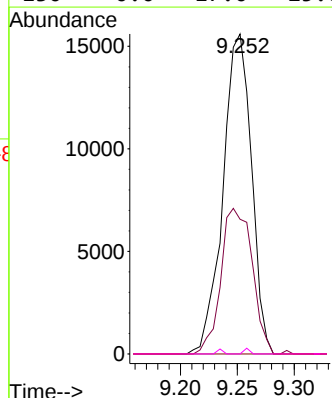
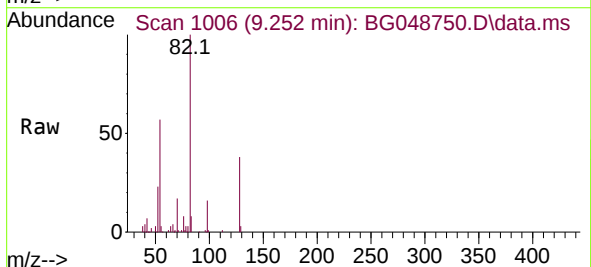
Instrument :
BNA_G
ClientSampleId :
TP-7

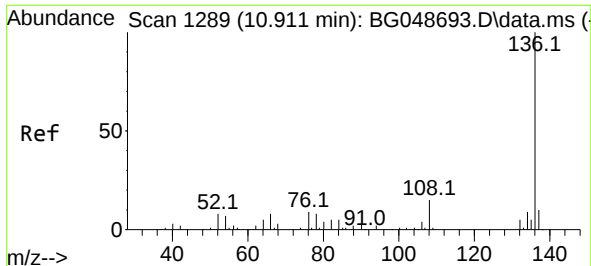
Tgt Ion: 99 Resp: 156596
Ion Ratio Lower Upper
99 100
42 26.6 20.5 30.7
71 54.6 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 27.14 ng
RT: 9.252 min Scan# 1006
Delta R.T. 0.362 min
Lab File: BG048750.D
Acq: 17 Apr 2021 11:40

Tgt Ion: 70 Resp: 27210
Ion Ratio Lower Upper
70 100
42 42.1 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

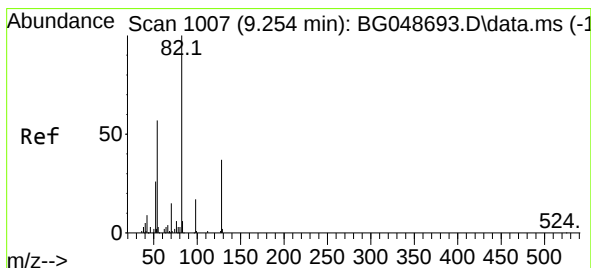
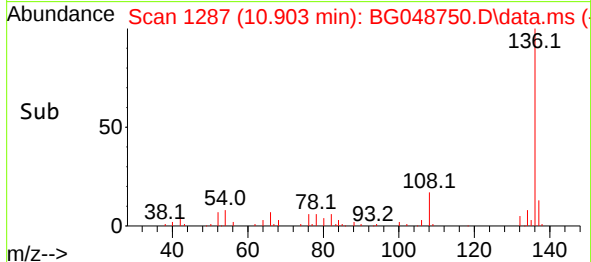
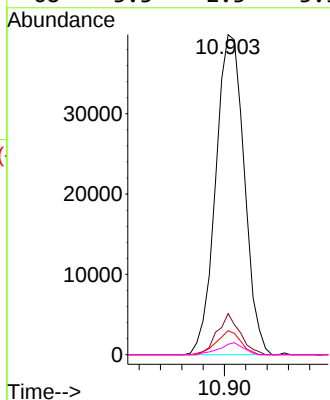
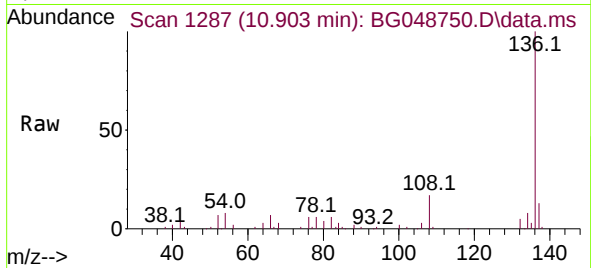




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.903 min Scan# 1287
Delta R.T. -0.009 min
Lab File: BG048750.D
Acq: 17 Apr 2021 11:40

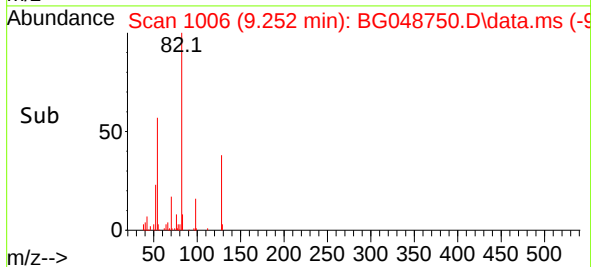
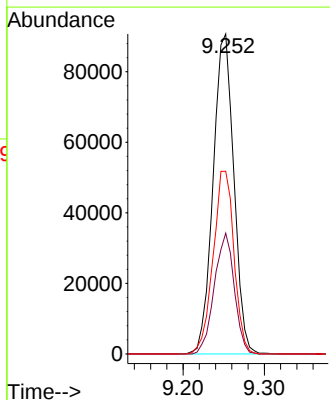
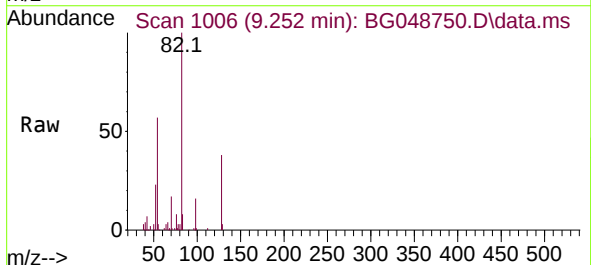
Instrument :
BNA_G
ClientSampleId :
TP-7

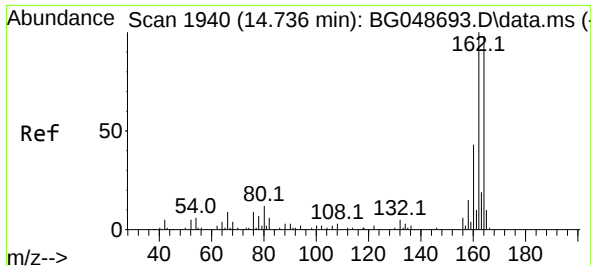
Tgt Ion:	136	Resp:	73942
Ion Ratio	Lower	Upper	
136	100		
137	12.9	8.2	12.2#
54	7.5	5.5	8.3
68	3.3	2.3	3.5



#23
Nitrobenzene-d5
Concen: 97.46 ng
RT: 9.252 min Scan# 1006
Delta R.T. -0.003 min
Lab File: BG048750.D
Acq: 17 Apr 2021 11:40

Tgt Ion:	82	Resp:	160963
Ion Ratio	Lower	Upper	
82	100		
128	37.7	29.8	44.6
54	57.1	45.8	68.8

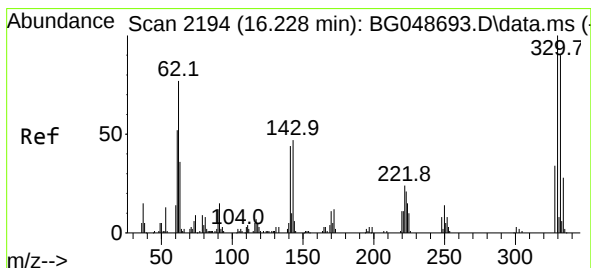
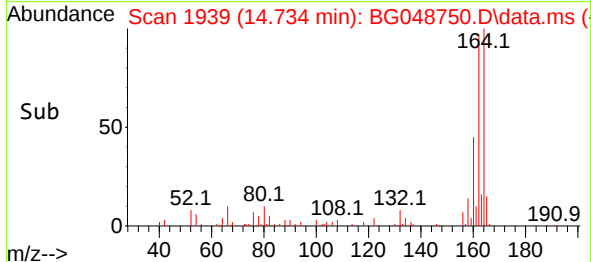
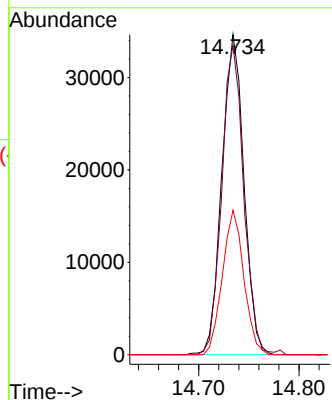
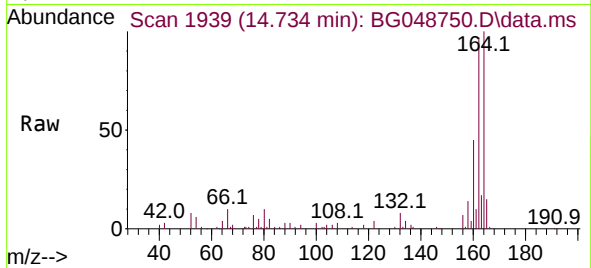




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.734 min Scan# 1939
Delta R.T. -0.009 min
Lab File: BG048750.D
Acq: 17 Apr 2021 11:40

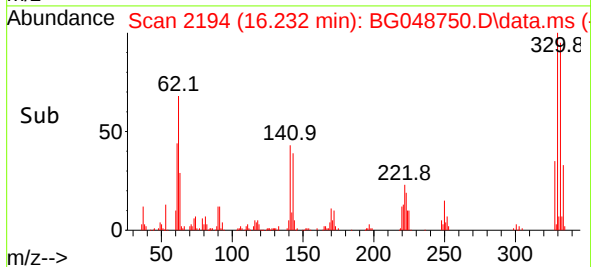
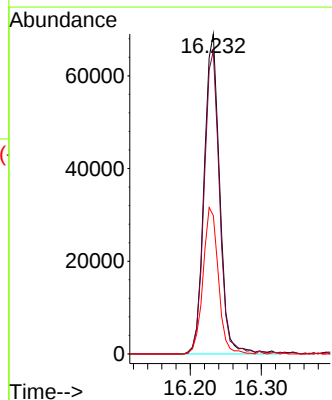
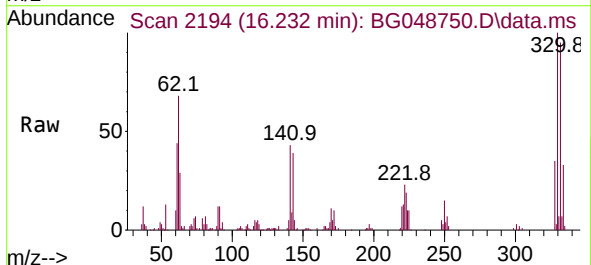
Instrument :
BNA_G
ClientSampleId :
TP-7

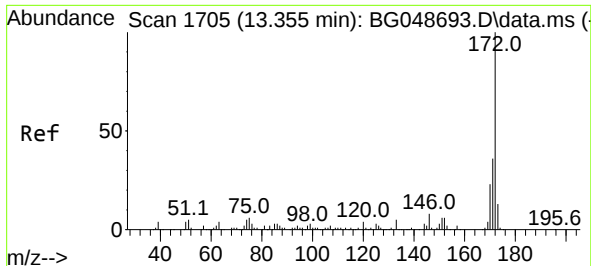
Tgt Ion:164 Resp: 52761
Ion Ratio Lower Upper
164 100
162 96.7 81.4 122.0
160 45.1 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 148.65 ng
RT: 16.232 min Scan# 2194
Delta R.T. -0.003 min
Lab File: BG048750.D
Acq: 17 Apr 2021 11:40

Tgt Ion:330 Resp: 105160
Ion Ratio Lower Upper
330 100
332 94.5 77.3 115.9
141 44.9 35.6 53.4

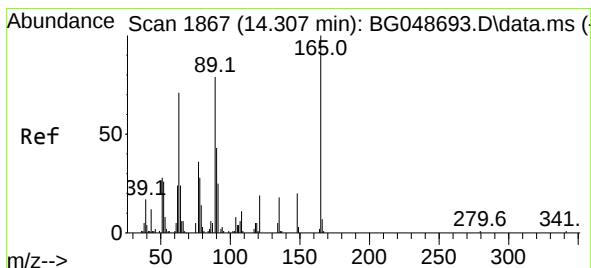
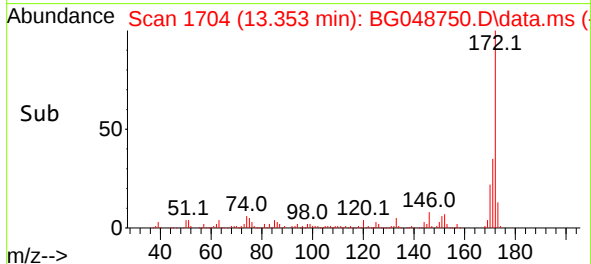
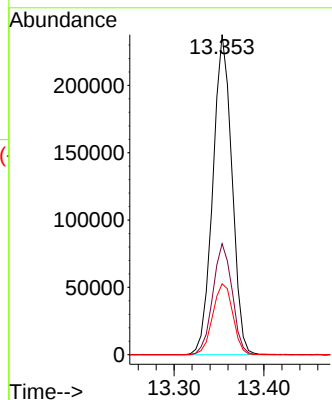
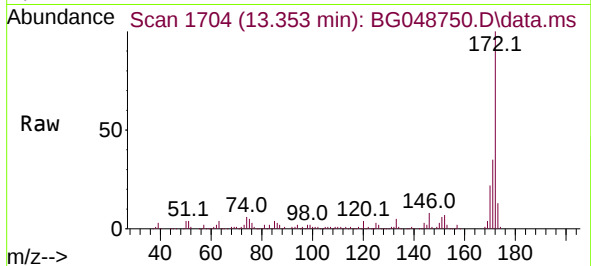




#45
2-Fluorobiphenyl
Concen: 96.14 ng
RT: 13.353 min Scan# 1704
Delta R.T. -0.003 min
Lab File: BG048750.D
Acq: 17 Apr 2021 11:40

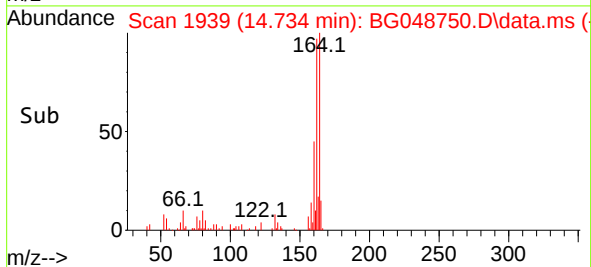
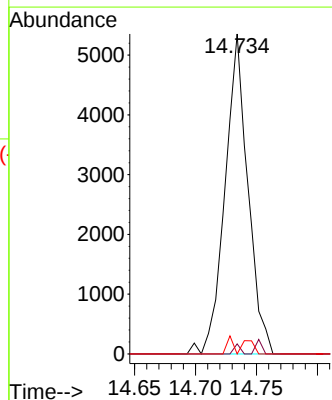
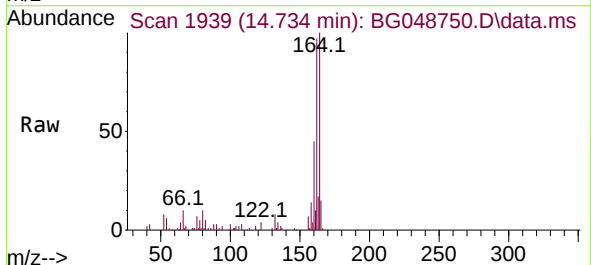
Instrument :
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ClientSampleId :
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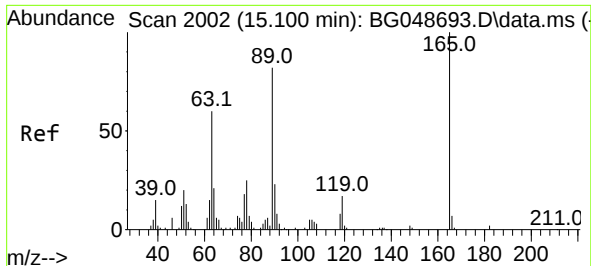
Tgt Ion:172 Resp: 351242
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 22.1 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.65 ng
RT: 14.734 min Scan# 1939
Delta R.T. 0.420 min
Lab File: BG048750.D
Acq: 17 Apr 2021 11:40

Tgt Ion:165 Resp: 6982
Ion Ratio Lower Upper
165 100
63 3.1 63.3 94.9#
89 0.0 63.4 95.0#

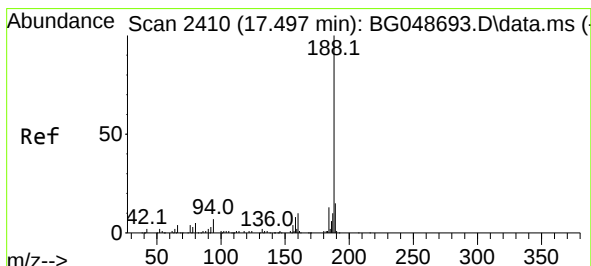
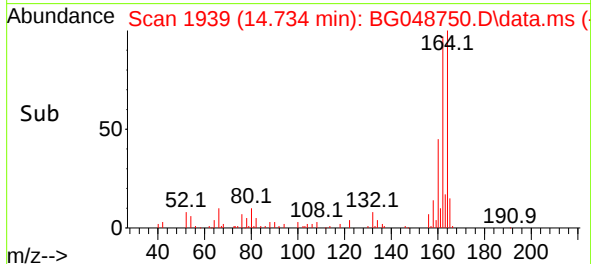
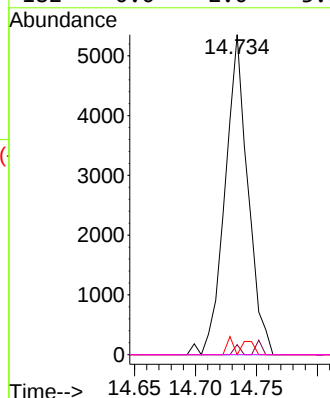
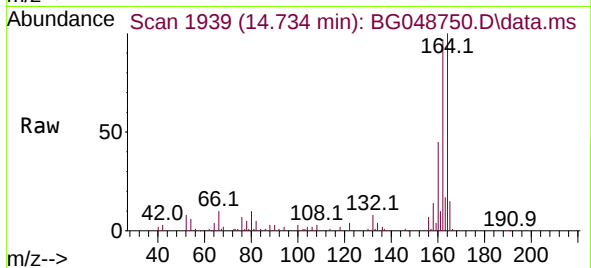




#57
2,4-Dinitrotoluene
Concen: 5.27 ng
RT: 14.734 min Scan# 1939
Delta R.T. -0.367 min
Lab File: BG048750.D
Acq: 17 Apr 2021 11:40

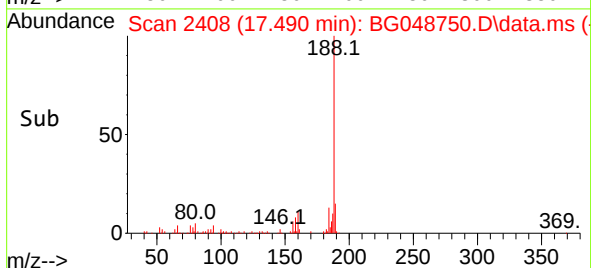
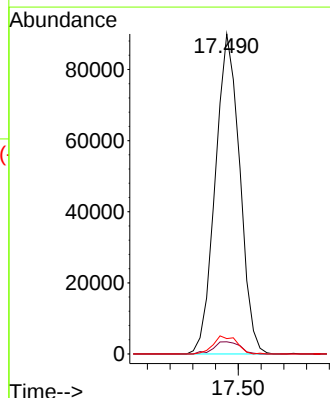
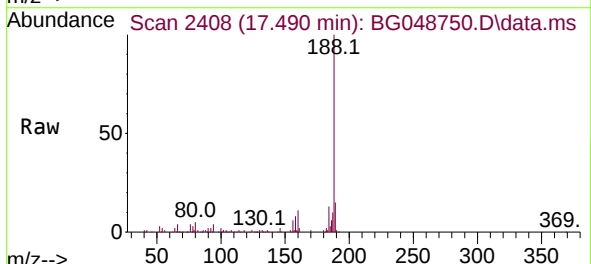
Instrument :
BNA_G
ClientSampled :
TP-7

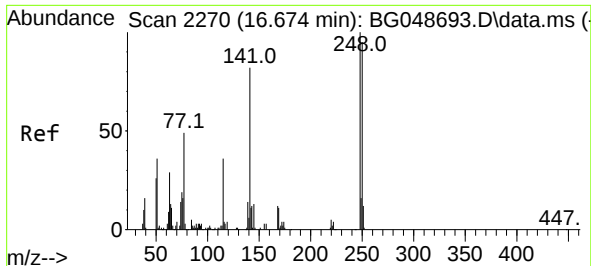
Tgt Ion:165 Resp: 6982
Ion Ratio Lower Upper
165 100
63 3.1 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.490 min Scan# 2408
Delta R.T. -0.009 min
Lab File: BG048750.D
Acq: 17 Apr 2021 11:40

Tgt Ion:188 Resp: 134496
Ion Ratio Lower Upper
188 100
94 3.8 5.4 8.0#
80 4.8 3.7 5.5

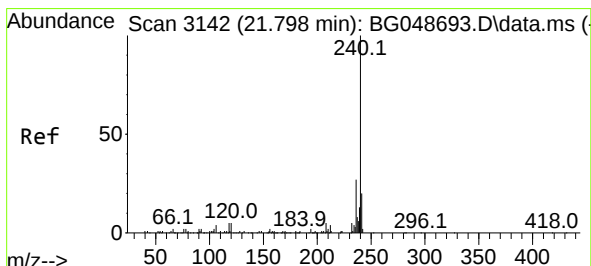
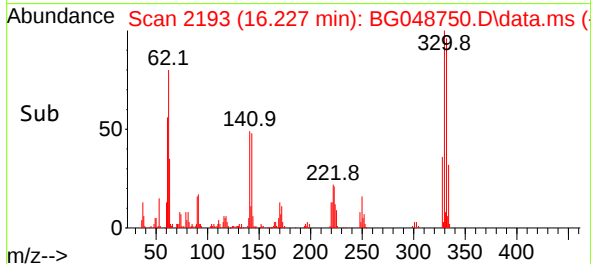
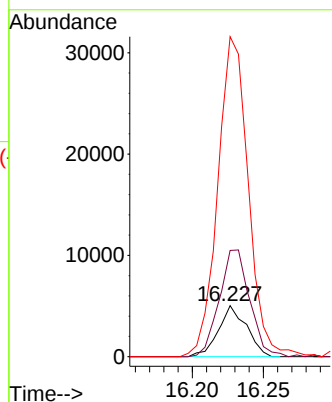
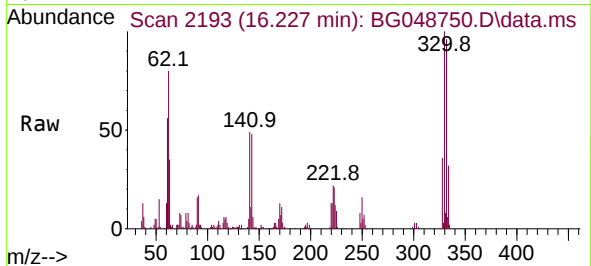




#67
4-Bromophenyl-phenylether
Concen: 4.47 ng
RT: 16.227 min Scan# 2193
Delta R.T. -0.449 min
Lab File: BG048750.D
Acq: 17 Apr 2021 11:40

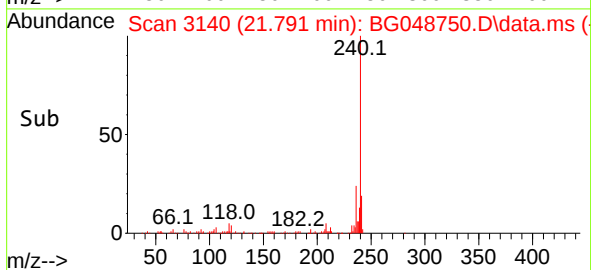
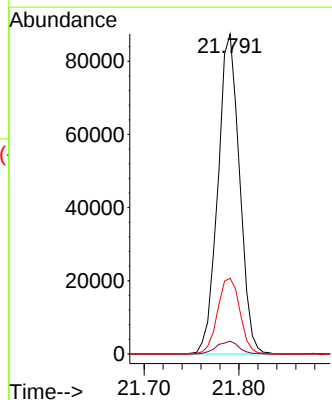
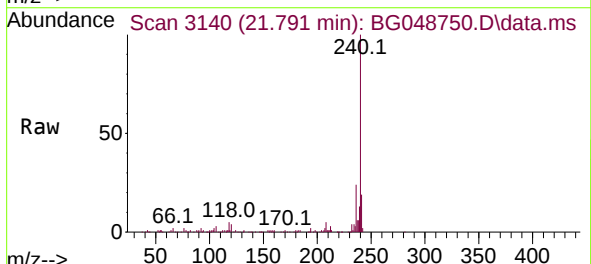
Instrument :
BNA_G
ClientSampleId :
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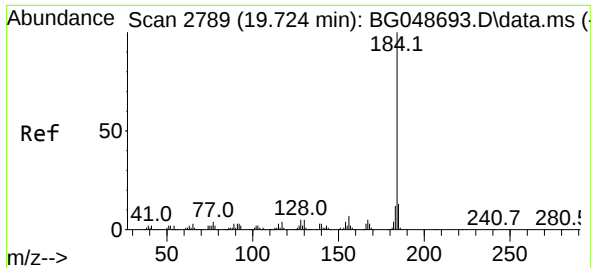
Tgt Ion:248 Resp: 6926
Ion Ratio Lower Upper
248 100
250 208.1 76.1 114.1#
141 626.8 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.791 min Scan# 3140
Delta R.T. -0.009 min
Lab File: BG048750.D
Acq: 17 Apr 2021 11:40

Tgt Ion:240 Resp: 138665
Ion Ratio Lower Upper
240 100
120 4.0 4.2 6.2#
236 23.7 21.8 32.6

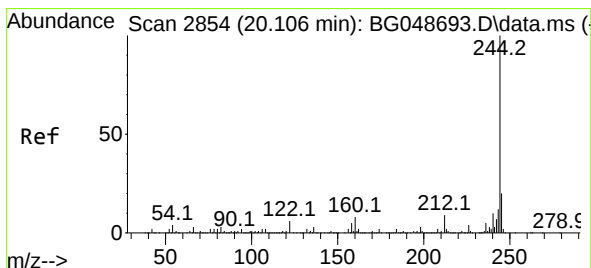
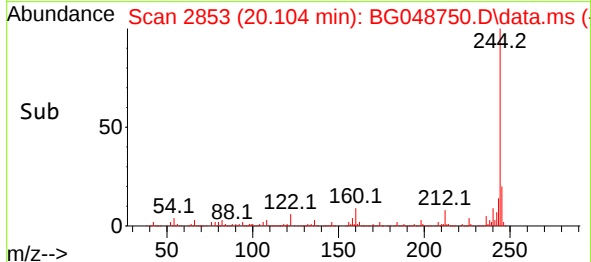
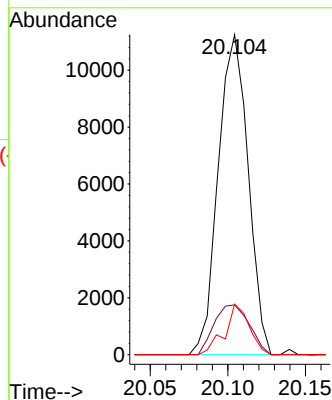
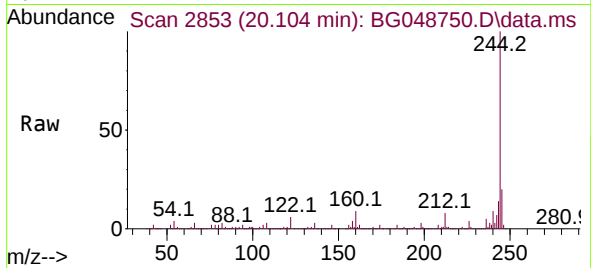




#77
Benzidine
Concen: 4.00 ng
RT: 20.104 min Scan# 2853
Delta R.T. 0.373 min
Lab File: BG048750.D
Acq: 17 Apr 2021 11:40

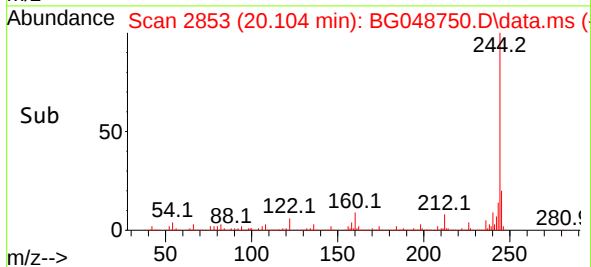
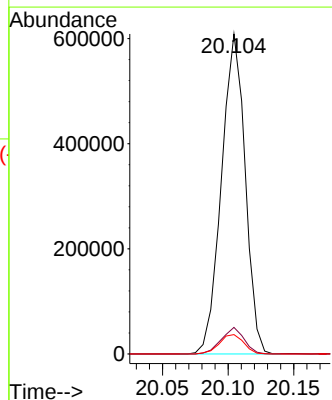
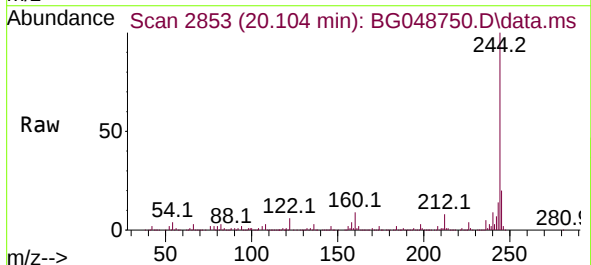
Instrument :
BNA_G
ClientSampleId :
TP-7

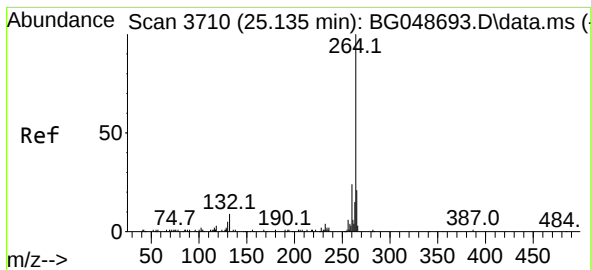
Tgt Ion:184 Resp: 15067
Ion Ratio Lower Upper
184 100
185 15.5 10.7 16.1
183 15.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 94.89 ng
RT: 20.104 min Scan# 2853
Delta R.T. -0.003 min
Lab File: BG048750.D
Acq: 17 Apr 2021 11:40

Tgt Ion:244 Resp: 764500
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 6.1 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.128 min Scan# 3708
 Delta R.T. -0.014 min
 Lab File: BG048750.D
 Acq: 17 Apr 2021 11:40

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Tgt Ion:264 Resp: 136788
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.4 29.2
 265 18.5 16.9 25.3

