

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048748.D
 Acq On : 17 Apr 2021 10:19
 Operator : CG/JU
 Sample : M2050-16
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Apr 19 00:25:27 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)

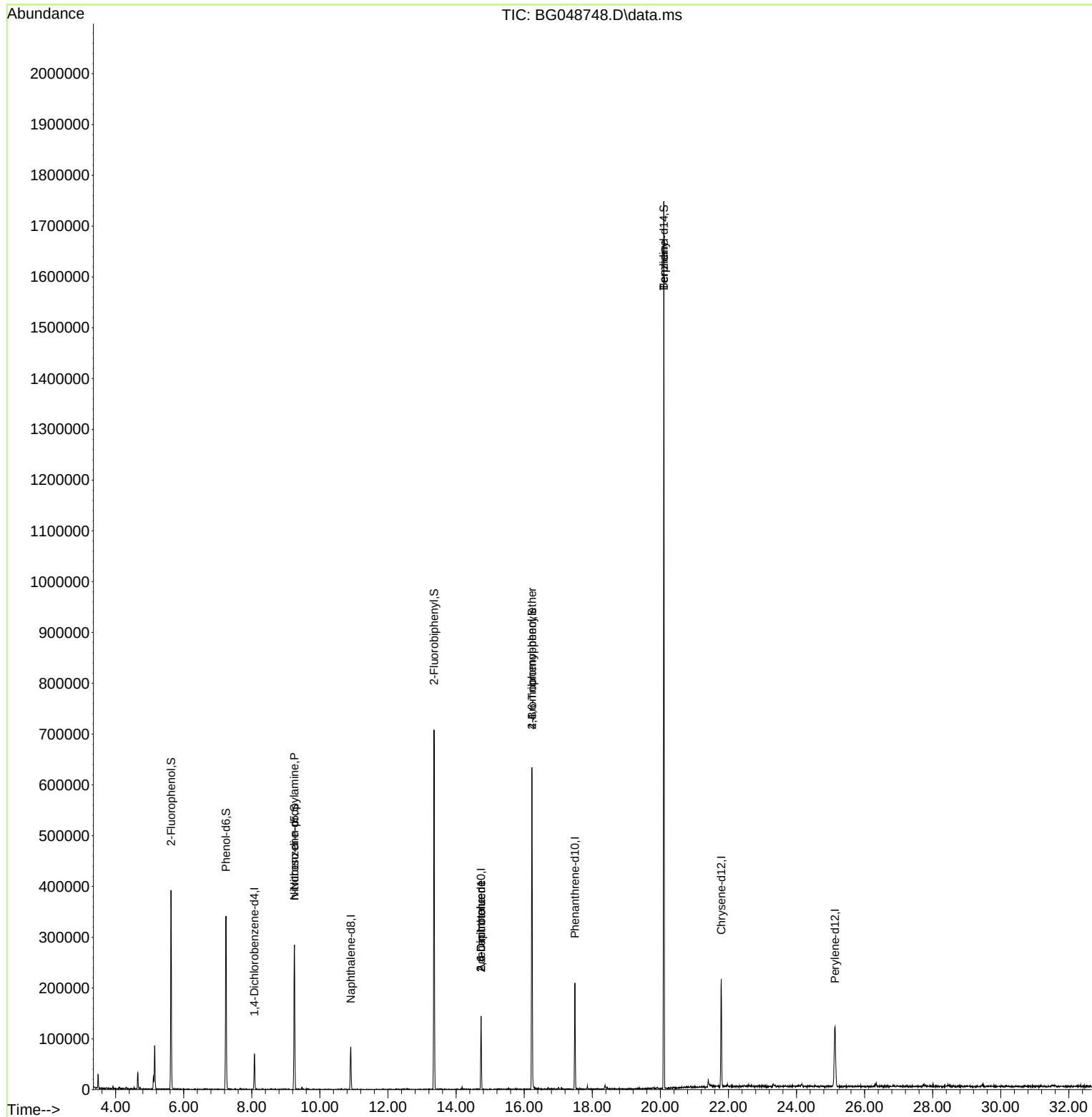
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.071	152	15733	20.00	ng	0.00
21) Naphthalene-d8	10.909	136	68268	20.00	ng	# 0.00
39) Acenaphthene-d10	14.734	164	47985	20.00	ng	0.00
64) Phenanthrene-d10	17.489	188	123552	20.00	ng	# 0.00
76) Chrysene-d12	21.790	240	128796	20.00	ng	0.00
86) Perylene-d12	25.128	264	126439	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.627	112	142203	151.17	ng	0.00
7) Phenol-d6	7.243	99	164073	123.31	ng	0.00
23) Nitrobenzene-d5	9.252	82	157364	103.20	ng	0.00
42) 2,4,6-Tribromophenol	16.232	330	107487	167.07	ng	0.00
45) 2-Fluorobiphenyl	13.353	172	340083	102.35	ng	0.00
79) Terphenyl-d14	20.104	244	737433	98.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.252	70	26163	29.14	ng	# 81
51) 2,6-Dinitrotoluene	14.734	165	6448	7.76	ng	# 10
57) 2,4-Dinitrotoluene	14.734	165	6448	5.35	ng	# 15
67) 4-Bromophenyl-phenylether	16.232	248	7644	5.38	ng	# 1
77) Benzidine	20.104	184	15048	4.30	ng	# 94

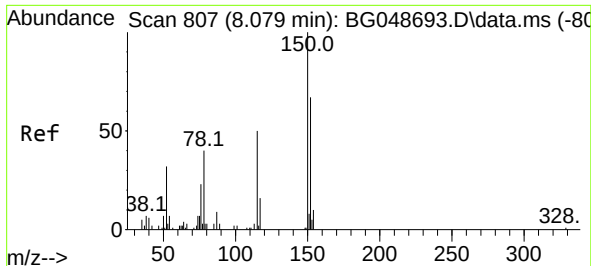
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 15:59:00 2021
Response via : Initial Calibration

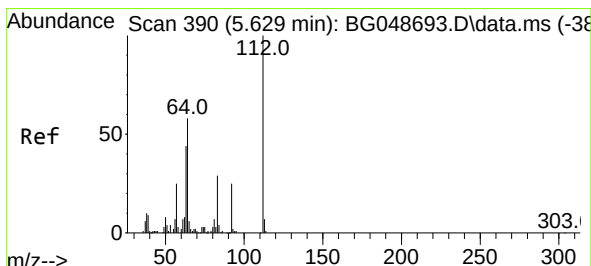
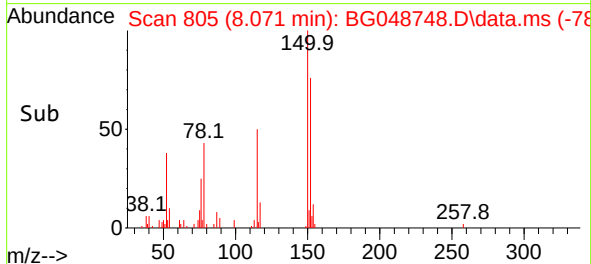
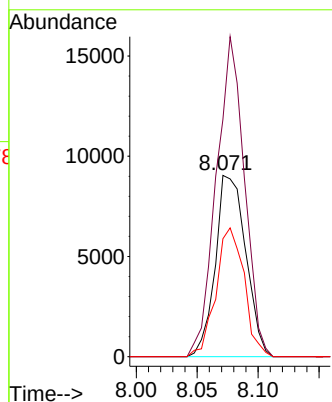
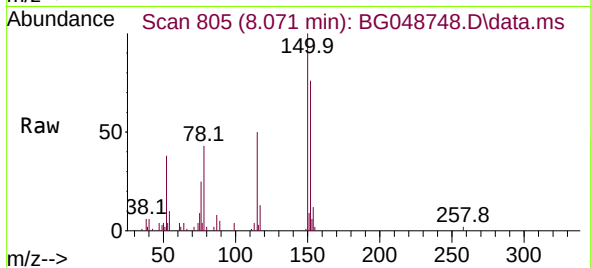




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.071 min Scan# 805
Delta R.T. -0.009 min
Lab File: BG048748.D
Acq: 17 Apr 2021 10:19

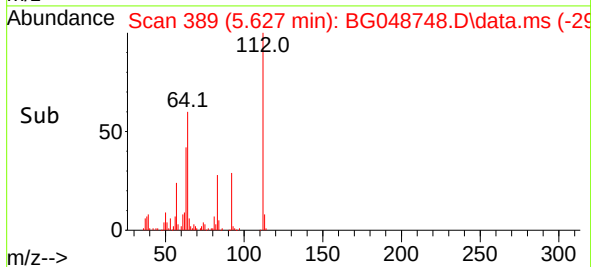
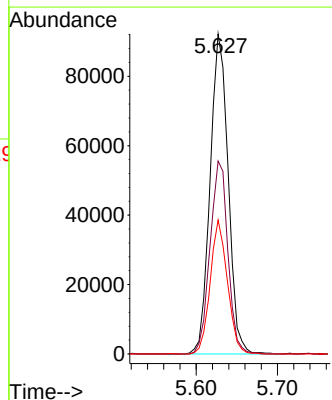
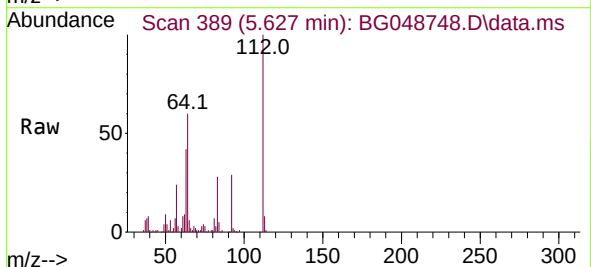
Instrument :
BNA_G
ClientSampled :
TP-1

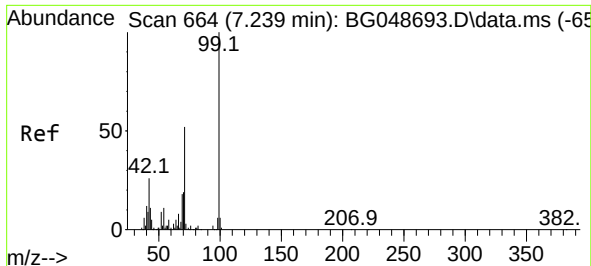
Tgt Ion:152 Resp: 15733
Ion Ratio Lower Upper
152 100
150 130.9 119.4 179.0
115 65.0 60.2 90.4



#5
2-Fluorophenol
Concen: 151.17 ng
RT: 5.627 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG048748.D
Acq: 17 Apr 2021 10:19

Tgt Ion:112 Resp: 142203
Ion Ratio Lower Upper
112 100
64 60.3 46.7 70.1
63 41.9 35.3 52.9

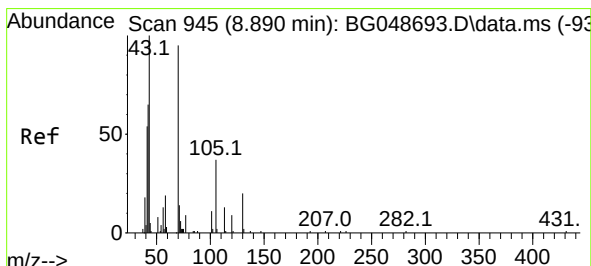
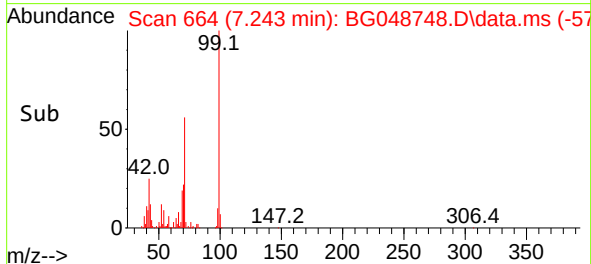
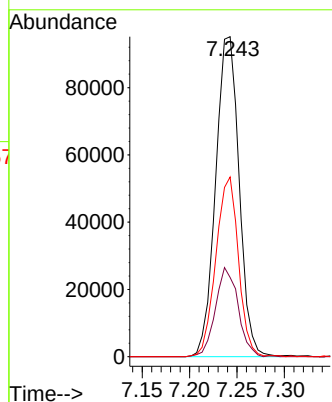
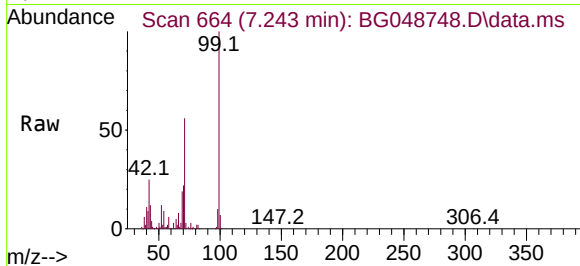




#7
Phenol-d6
Concen: 123.31 ng
RT: 7.243 min Scan# 664
Delta R.T. 0.003 min
Lab File: BG048748.D
Acq: 17 Apr 2021 10:19

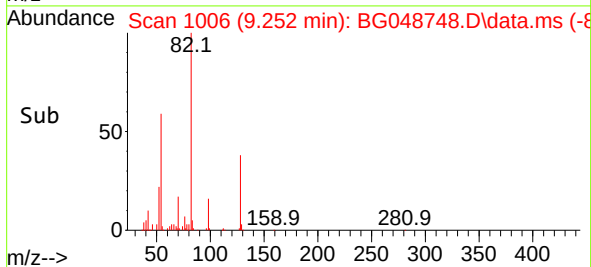
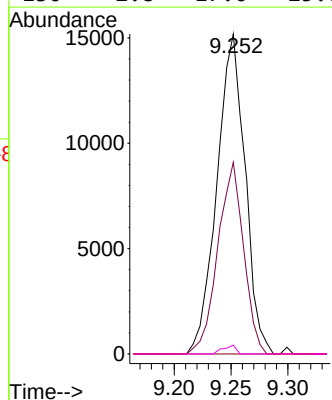
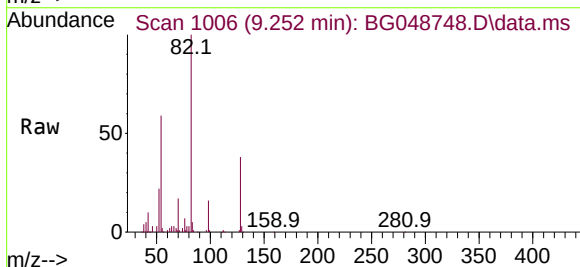
Instrument :
BNA_G
ClientSampled :
TP-1

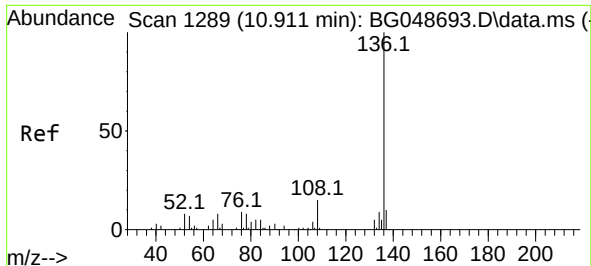
Tgt Ion: 99 Resp: 164073
Ion Ratio Lower Upper
99 100
42 24.7 20.5 30.7
71 56.1 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 29.14 ng
RT: 9.252 min Scan# 1006
Delta R.T. 0.361 min
Lab File: BG048748.D
Acq: 17 Apr 2021 10:19

Tgt Ion: 70 Resp: 26163
Ion Ratio Lower Upper
70 100
42 59.9 54.5 81.7
101 0.0 9.0 13.6#
130 2.8 17.0 25.6#

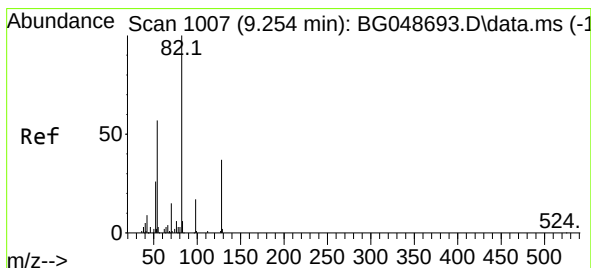
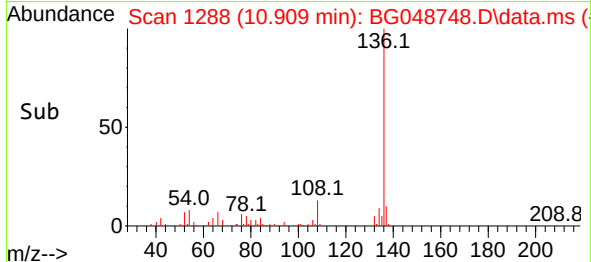
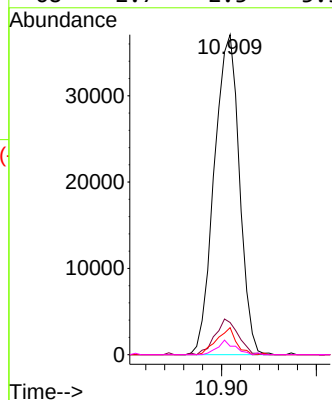
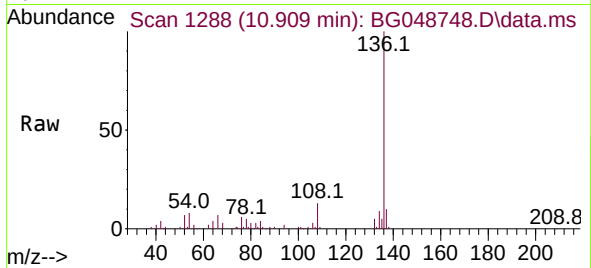




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.909 min Scan# 1288
Delta R.T. -0.003 min
Lab File: BG048748.D
Acq: 17 Apr 2021 10:19

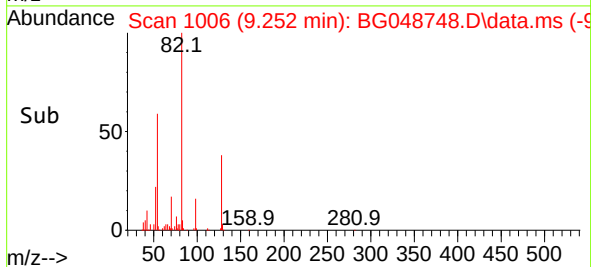
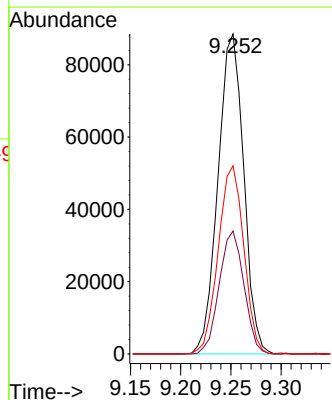
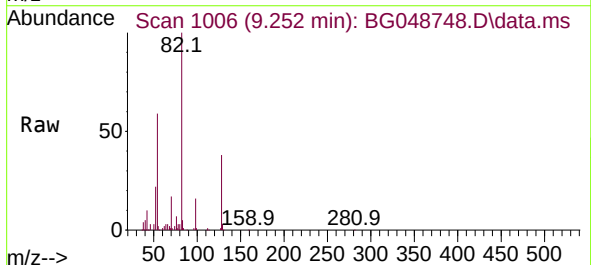
Instrument :
BNA_G
ClientSampleId :
TP-1

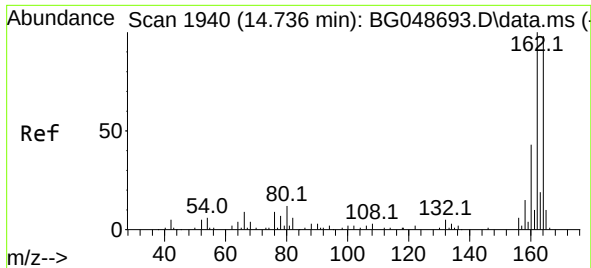
Tgt Ion:	136	Resp:	68268
Ion Ratio	Lower	Upper	
136	100		
137	10.0	8.2	12.2
54	8.5	5.5	8.3#
68	2.7	2.3	3.5



#23
Nitrobenzene-d5
Concen: 103.20 ng
RT: 9.252 min Scan# 1006
Delta R.T. -0.003 min
Lab File: BG048748.D
Acq: 17 Apr 2021 10:19

Tgt Ion:	82	Resp:	157364
Ion Ratio	Lower	Upper	
82	100		
128	38.4	29.8	44.6
54	58.8	45.8	68.8

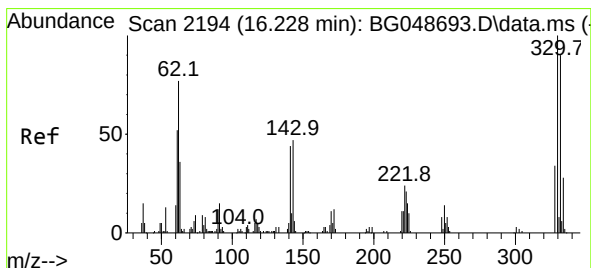
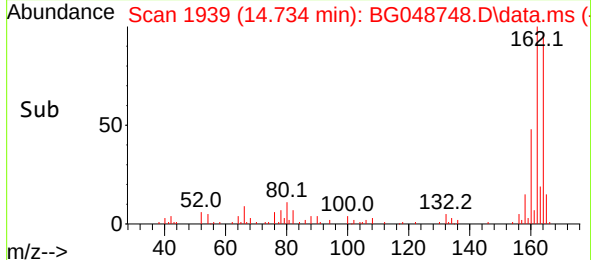
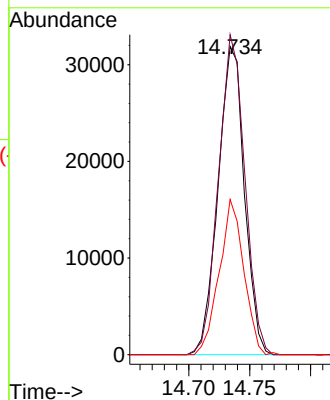
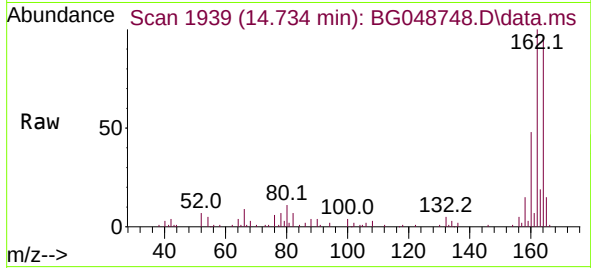




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.734 min Scan# 1939
Delta R.T. -0.009 min
Lab File: BG048748.D
Acq: 17 Apr 2021 10:19

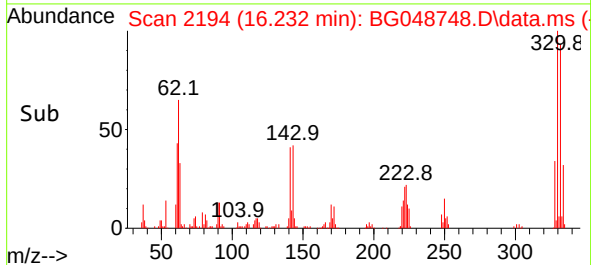
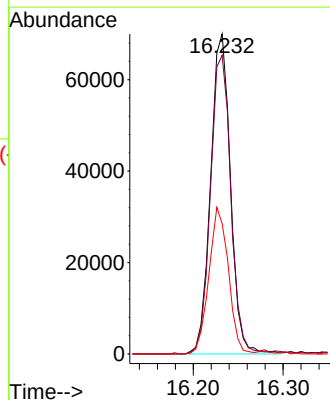
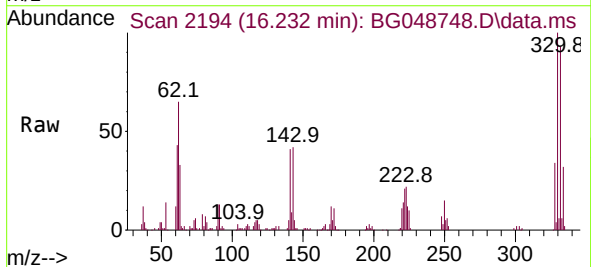
Instrument :
BNA_G
ClientSampleId :
TP-1

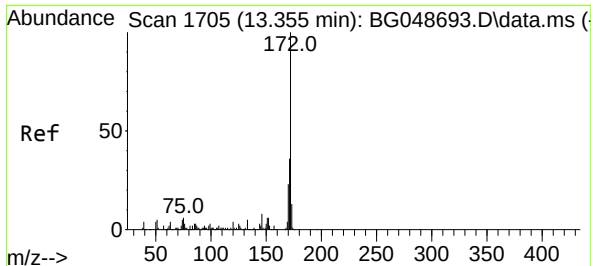
Tgt Ion:164	Resp:	47985
Ion Ratio	Lower	Upper
164	100	
162	103.9	81.4 122.0
160	50.4	34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 167.07 ng
RT: 16.232 min Scan# 2194
Delta R.T. -0.003 min
Lab File: BG048748.D
Acq: 17 Apr 2021 10:19

Tgt Ion:330	Resp:	107487
Ion Ratio	Lower	Upper
330	100	
332	96.2	77.3 115.9
141	45.0	35.6 53.4

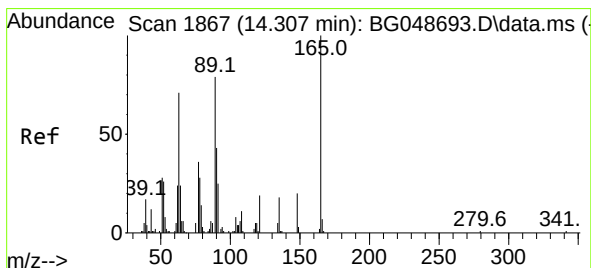
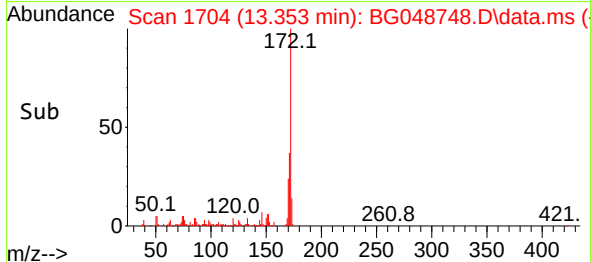
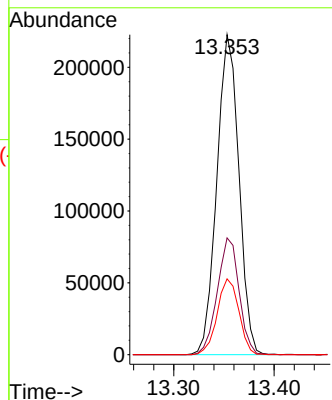
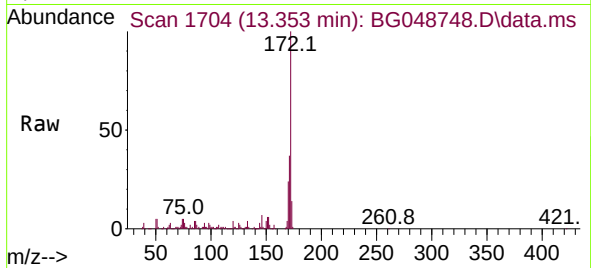




#45
2-Fluorobiphenyl
Concen: 102.35 ng
RT: 13.353 min Scan# 1704
Delta R.T. -0.003 min
Lab File: BG048748.D
Acq: 17 Apr 2021 10:19

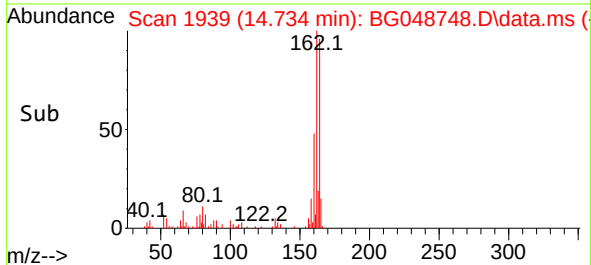
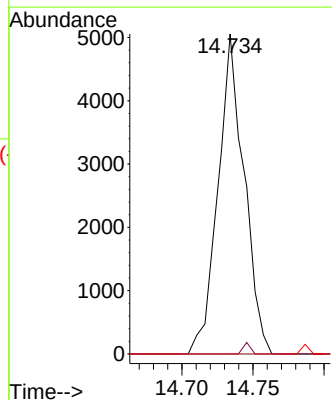
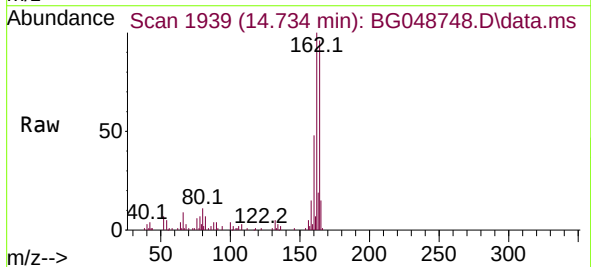
Instrument :
BNA_G
ClientSampled :
TP-1

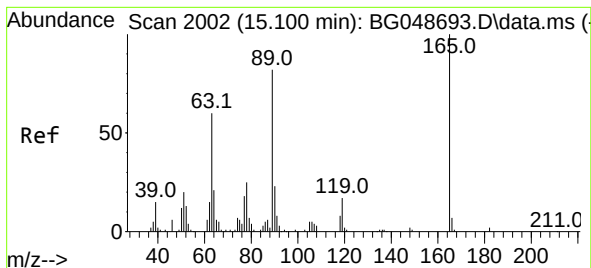
Tgt Ion:172 Resp: 340083
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 23.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.76 ng
RT: 14.734 min Scan# 1939
Delta R.T. 0.420 min
Lab File: BG048748.D
Acq: 17 Apr 2021 10:19

Tgt Ion:165 Resp: 6448
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

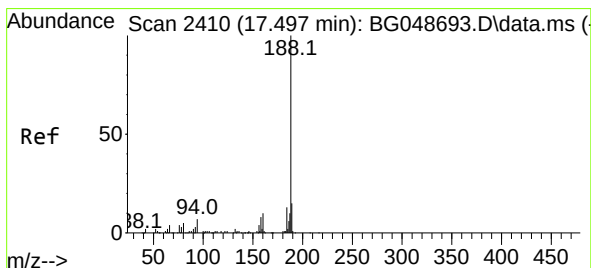
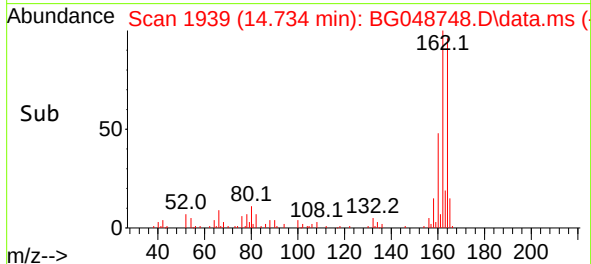
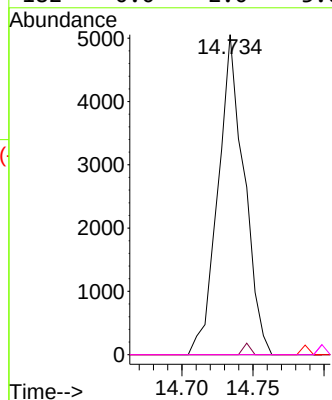
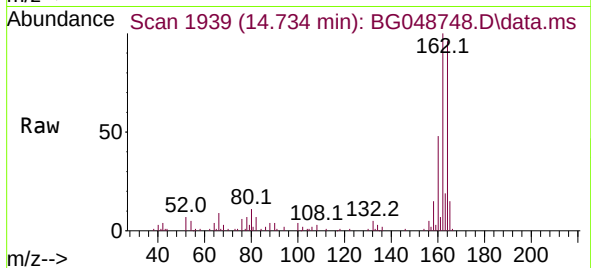




#57
2,4-Dinitrotoluene
Concen: 5.35 ng
RT: 14.734 min Scan# 1939
Delta R.T. -0.367 min
Lab File: BG048748.D
Acq: 17 Apr 2021 10:19

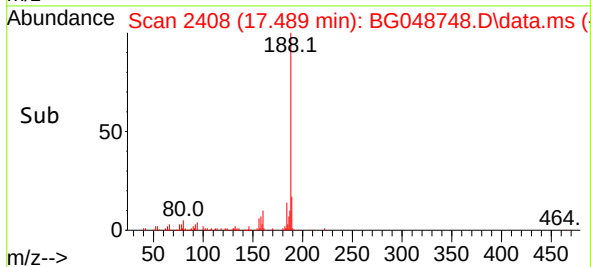
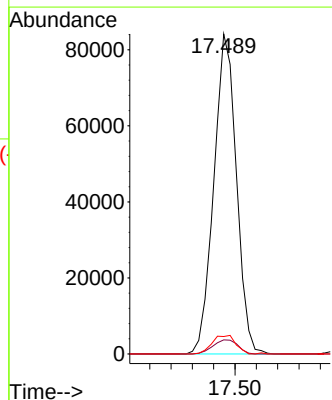
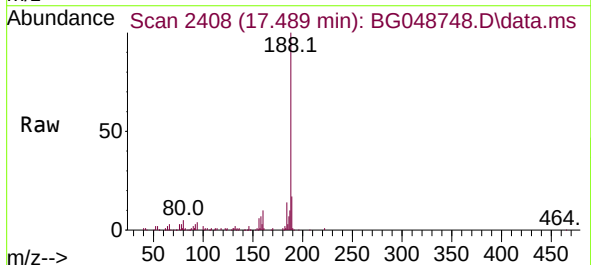
Instrument :
BNA_G
ClientSampled :
TP-1

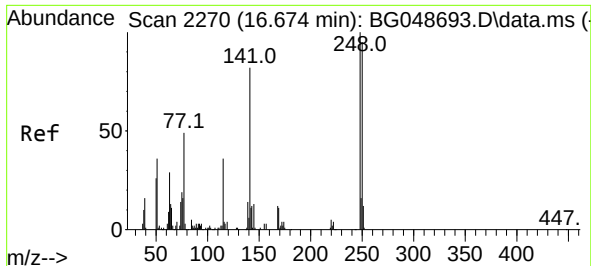
Tgt Ion:165 Resp: 6448
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.489 min Scan# 2408
Delta R.T. -0.009 min
Lab File: BG048748.D
Acq: 17 Apr 2021 10:19

Tgt Ion:188 Resp: 123552
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0#
80 5.5 3.7 5.5

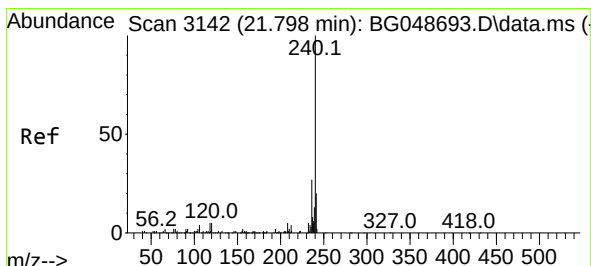
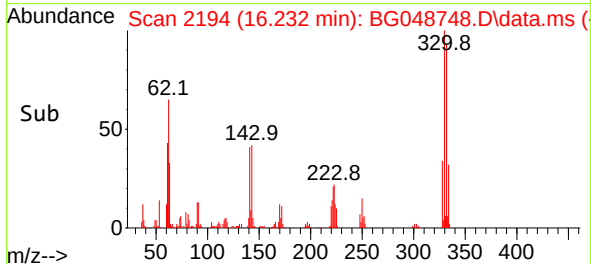
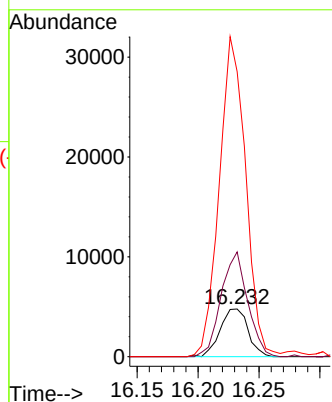
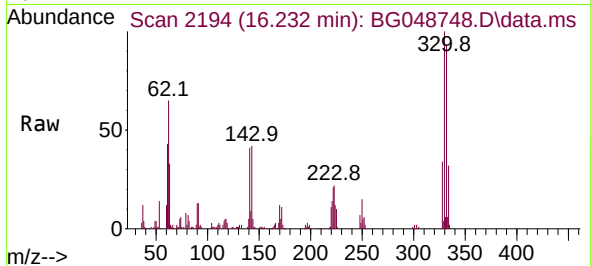




#67
4-Bromophenyl-phenylether
Concen: 5.38 ng
RT: 16.232 min Scan# 2194
Delta R.T. -0.444 min
Lab File: BG048748.D
Acq: 17 Apr 2021 10:19

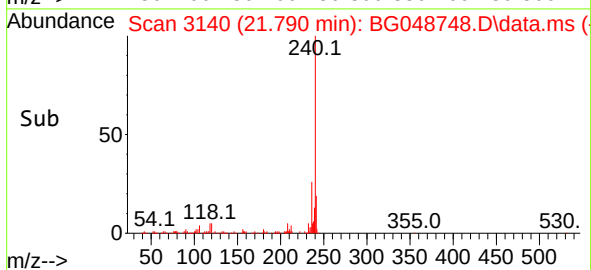
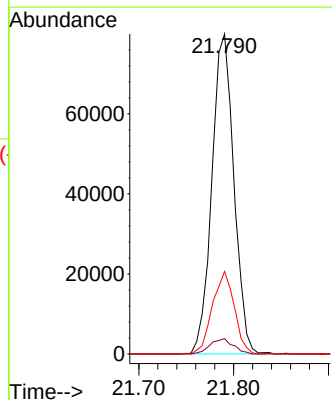
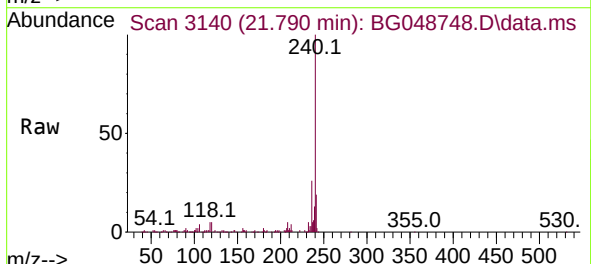
Instrument :
BNA_G
ClientSampled :
TP-1

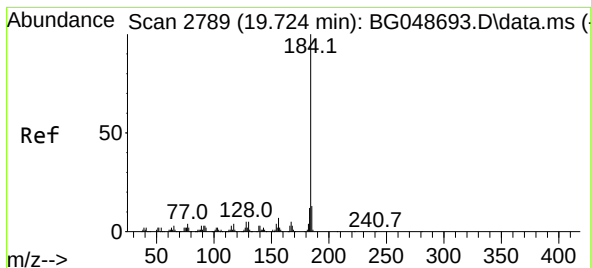
Tgt Ion:248 Resp: 7644
Ion Ratio Lower Upper
248 100
250 220.1 76.1 114.1#
141 598.2 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.790 min Scan# 3140
Delta R.T. -0.009 min
Lab File: BG048748.D
Acq: 17 Apr 2021 10:19

Tgt Ion:240 Resp: 128796
Ion Ratio Lower Upper
240 100
120 4.8 4.2 6.2
236 25.8 21.8 32.6





#77

Benzidine

Concen: 4.30 ng

RT: 20.104 min Scan# 2853

Delta R.T. 0.373 min

Lab File: BG048748.D

Acq: 17 Apr 2021 10:19

Tgt Ion:184 Resp: 15048

Ion Ratio Lower Upper

184 100

185 15.8 10.7 16.1

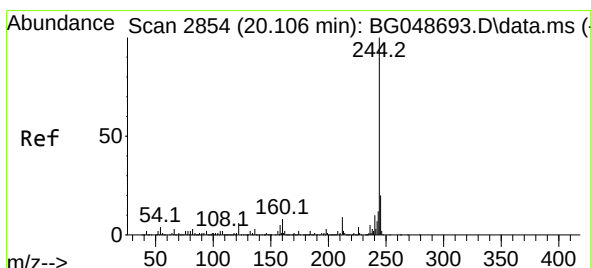
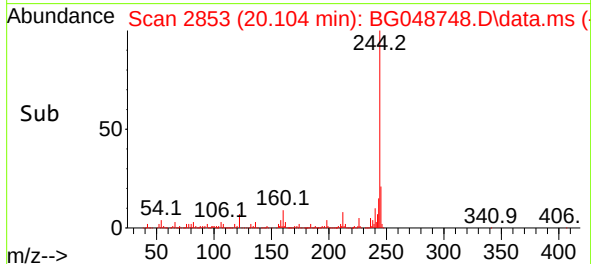
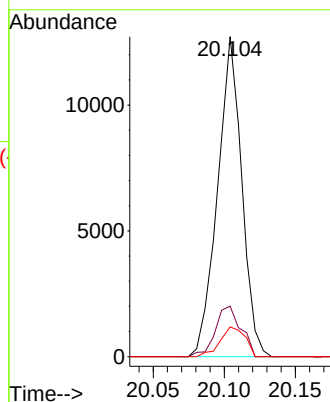
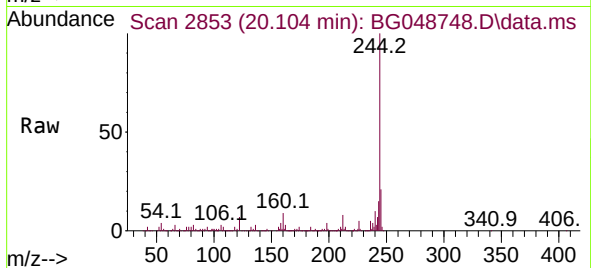
183 9.3 9.4 14.0#

Instrument :

BNA_G

ClientSampled :

TP-1



#79

Terphenyl-d14

Concen: 98.54 ng

RT: 20.104 min Scan# 2853

Delta R.T. -0.003 min

Lab File: BG048748.D

Acq: 17 Apr 2021 10:19

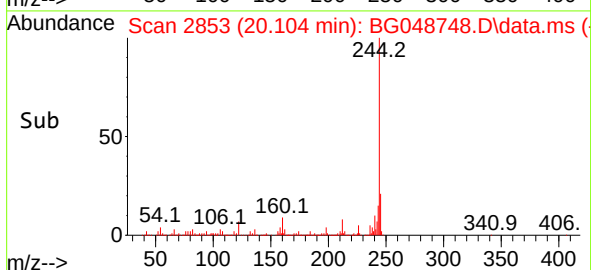
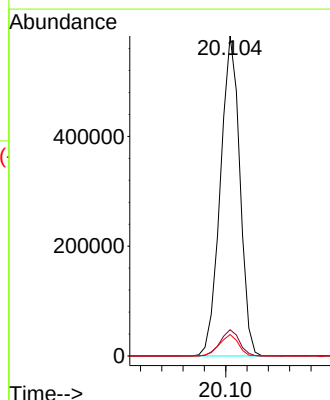
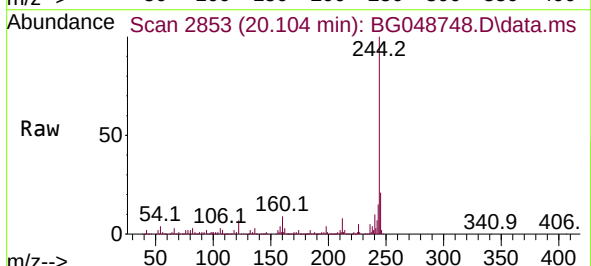
Tgt Ion:244 Resp: 737433

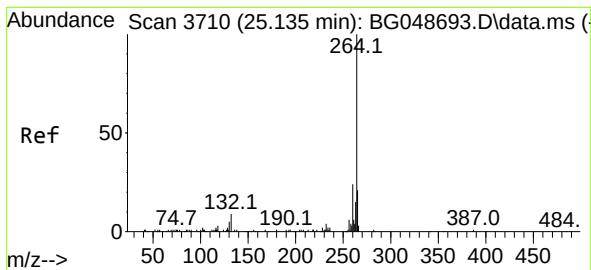
Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

122 6.7 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.128 min Scan# 3708
 Delta R.T. -0.015 min
 Lab File: BG048748.D
 Acq: 17 Apr 2021 10:19

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tgt Ion:264 Resp: 126439
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 20.2 16.9 25.3

