

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040621\
 Data File : BG048609.D
 Acq On : 6 Apr 2021 18:26
 Operator : CG/JU
 Sample : M1928-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-4

Quant Time: Apr 07 00:37:18 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)

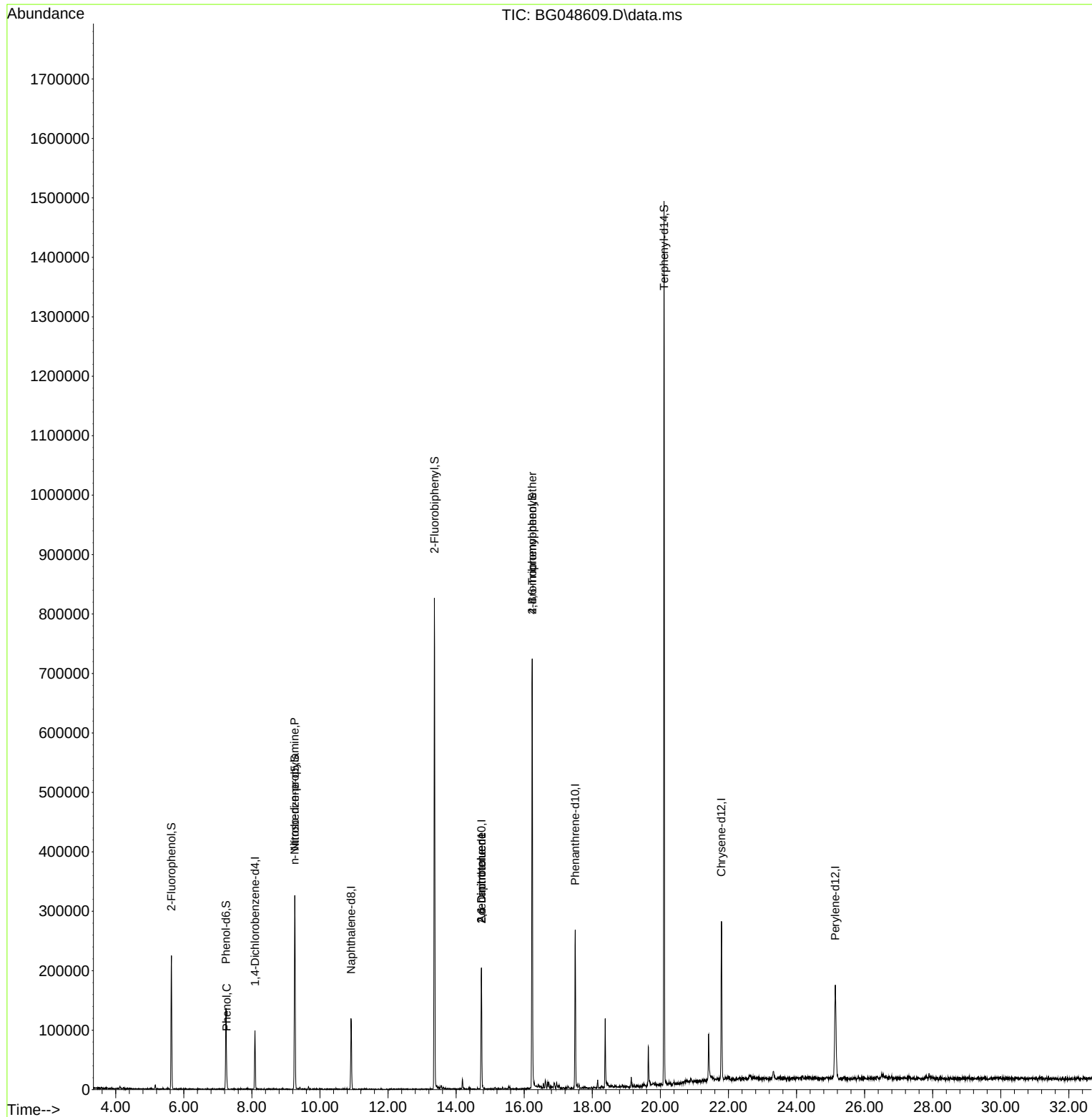
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	26672	20.00	ng	0.00
21) Naphthalene-d8	10.913	136	100137	20.00	ng	#-0.01
39) Acenaphthene-d10	14.744	164	69742	20.00	ng	0.00
64) Phenanthrene-d10	17.500	188	170895	20.00	ng	# 0.00
76) Chrysene-d12	21.795	240	177780	20.00	ng	# 0.00
86) Perylene-d12	25.138	264	170332	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	89768	59.42	ng	0.00
7) Phenol-d6	7.241	99	71756	32.75	ng	0.00
23) Nitrobenzene-d5	9.262	82	191454	92.57	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	134162	146.34	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	432971	92.27	ng	0.00
79) Terphenyl-d14	20.109	244	673698	69.30	ng	0.00
Target Compounds						
10) Phenol	7.265	94	4713	2.15	ng	Qvalue 92
19) n-Nitroso-di-n-propyla...	9.257	70	29827	19.75	ng	# 80
51) 2,6-Dinitrotoluene	14.744	165	9397	7.94	ng	# 22
57) 2,4-Dinitrotoluene	14.744	165	9397	5.61	ng	# 26
67) 4-Bromophenyl-phenylether	16.237	248	10289	5.43	ng	# 1

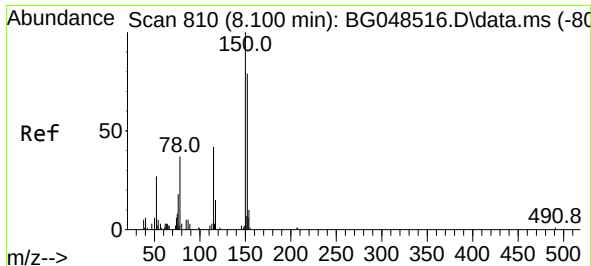
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

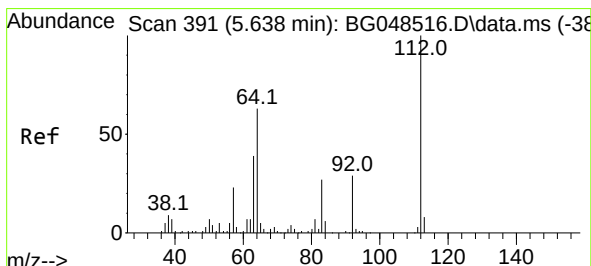
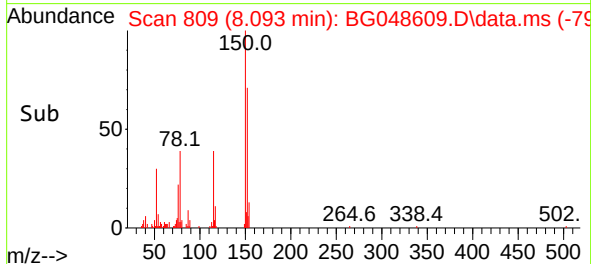
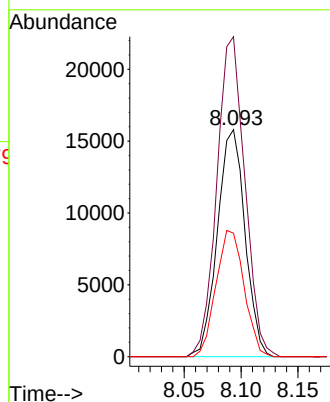
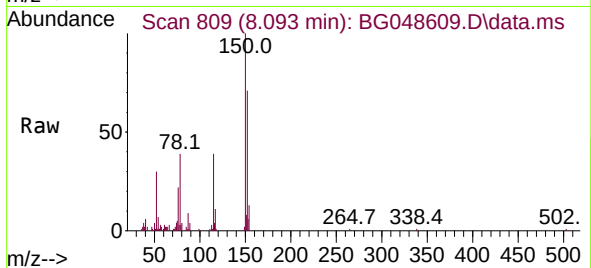




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.093 min Scan# 809
Delta R.T. -0.001 min
Lab File: BG048609.D
Acq: 6 Apr 2021 18:26

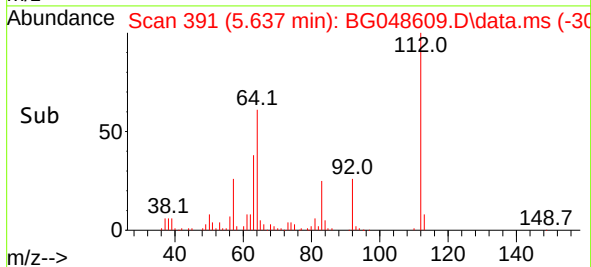
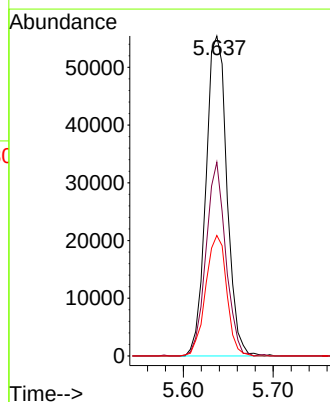
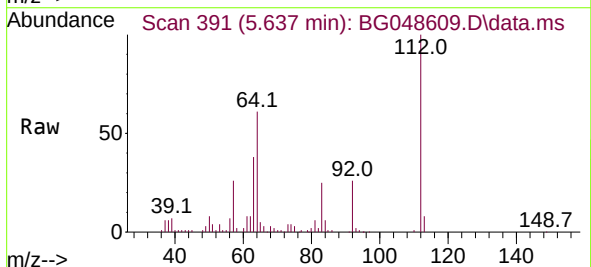
Instrument :
BNA_G
ClientSampleId :
TW-4

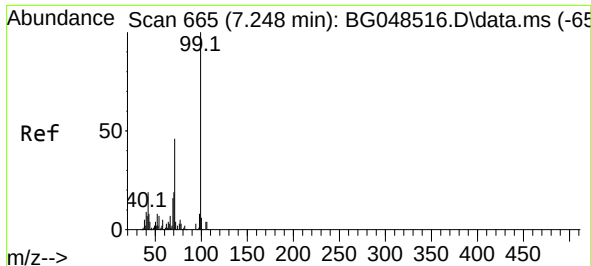
Tgt Ion:152 Resp: 26672
Ion Ratio Lower Upper
152 100
150 141.0 101.3 151.9
115 54.4 42.3 63.5



#5
2-Fluorophenol
Concen: 59.42 ng
RT: 5.637 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG048609.D
Acq: 6 Apr 2021 18:26

Tgt Ion:112 Resp: 89768
Ion Ratio Lower Upper
112 100
64 60.6 50.4 75.6
63 37.7 31.4 47.2

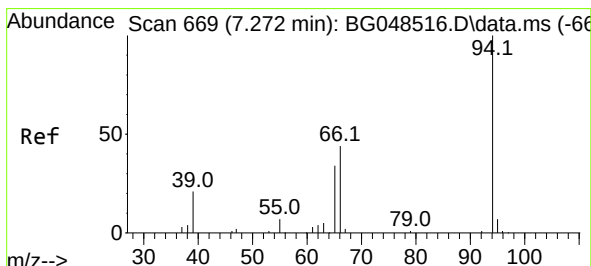
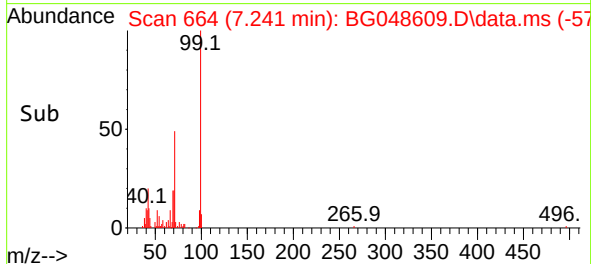
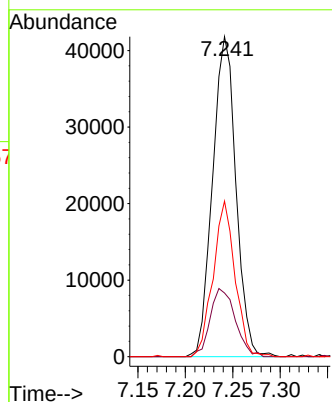
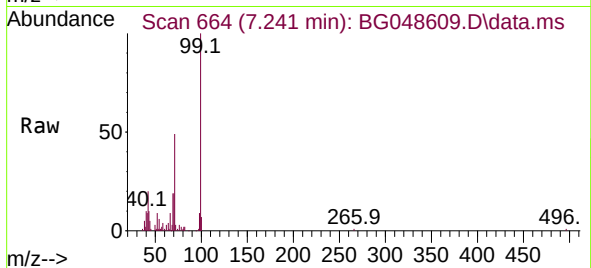




#7
Phenol-d6
Concen: 32.75 ng
RT: 7.241 min Scan# 664
Delta R.T. -0.006 min
Lab File: BG048609.D
Acq: 6 Apr 2021 18:26

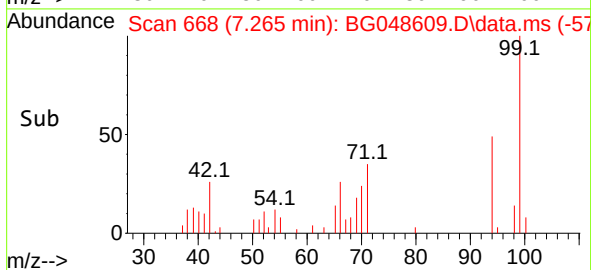
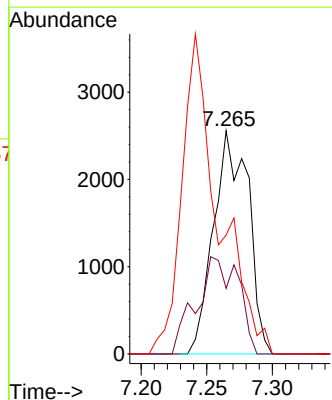
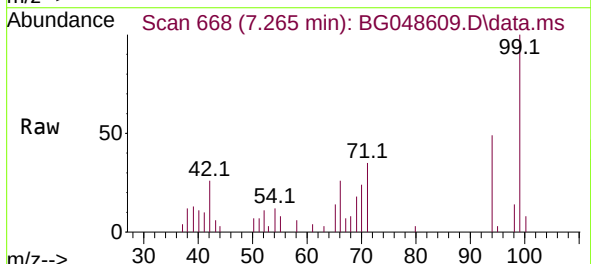
Instrument :
BNA_G
ClientSampleId :
TW-4

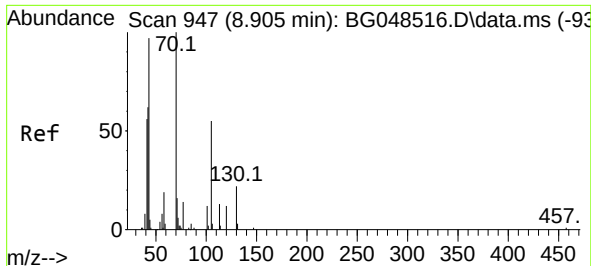
Tgt Ion: 99 Resp: 71756
Ion Ratio Lower Upper
99 100
42 19.9 15.5 23.3
71 48.6 36.6 54.8



#10
Phenol
Concen: 2.15 ng
RT: 7.265 min Scan# 668
Delta R.T. -0.006 min
Lab File: BG048609.D
Acq: 6 Apr 2021 18:26

Tgt Ion: 94 Resp: 4713
Ion Ratio Lower Upper
94 100
65 29.4 15.1 55.1
66 53.3 28.9 68.9

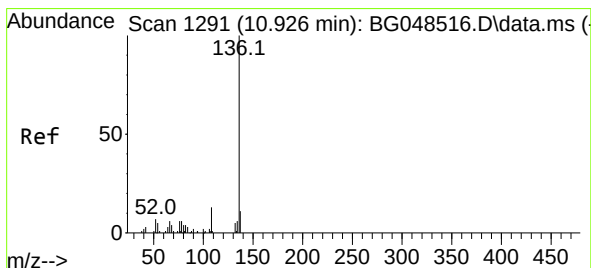
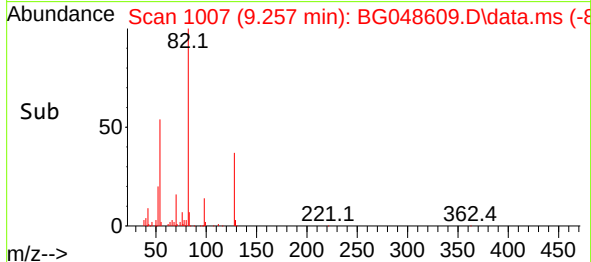
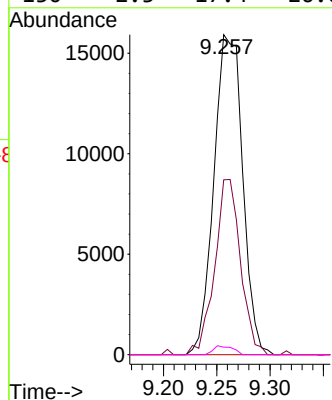
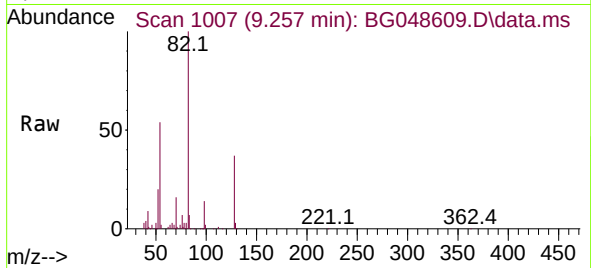




#19
n-Nitroso-di-n-propylamine
Concen: 19.75 ng
RT: 9.257 min Scan# 1007
Delta R.T. 0.352 min
Lab File: BG048609.D
Acq: 6 Apr 2021 18:26

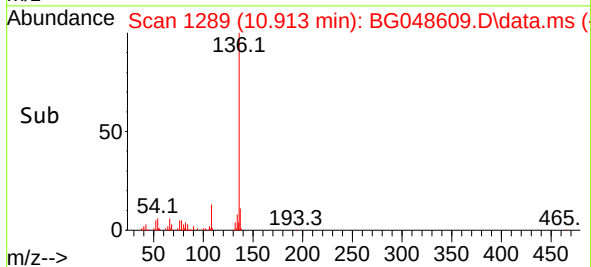
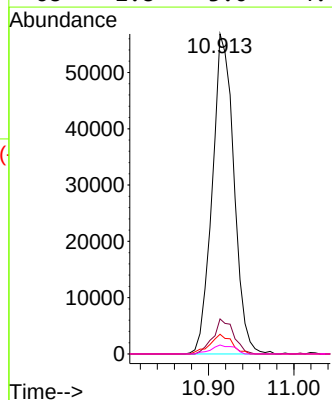
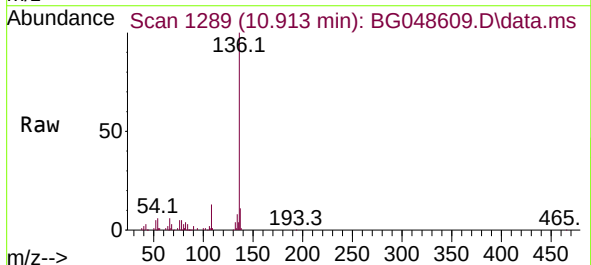
Instrument :
BNA_G
ClientSampleId :
TW-4

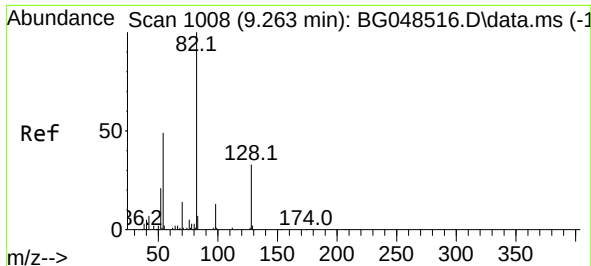
Tgt Ion: 70	Resp: 29827
Ion Ratio	Lower Upper
70 100	
42 54.7	50.8 76.2
101 0.0	9.7 14.5#
130 2.3	17.4 26.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.913 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BG048609.D
Acq: 6 Apr 2021 18:26

Tgt Ion: 136	Resp: 100137
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 12.8
54 7.0	4.2 6.4#
68 2.8	3.0 4.4#





#23

Nitrobenzene-d5

Concen: 92.57 ng

RT: 9.262 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BG048609.D

Acq: 6 Apr 2021 18:26

Tgt Ion: 82 Resp: 191454

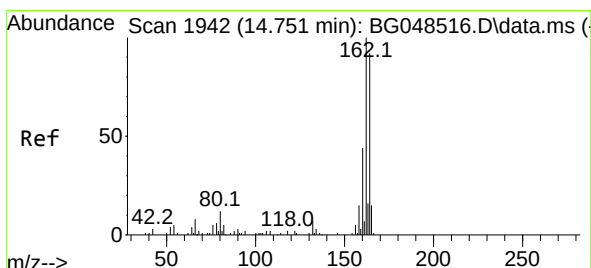
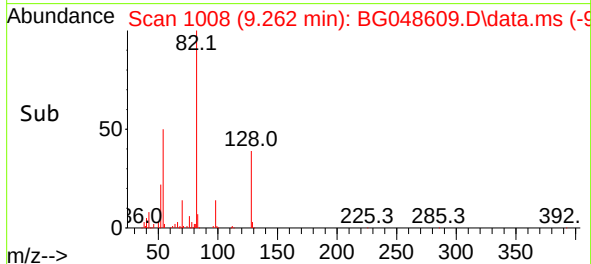
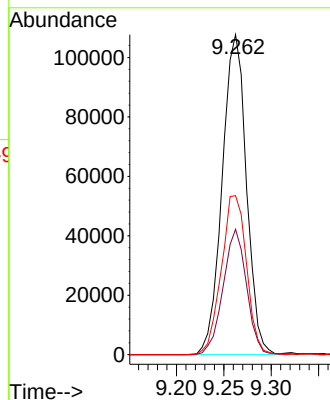
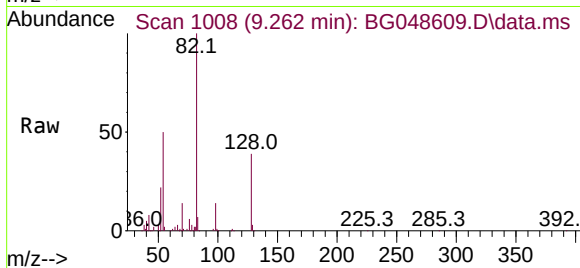
Ion	Ratio	Lower	Upper
82	100		
128	39.2	26.2	39.4
54	49.7	38.9	58.3

Instrument :

BNA_G

ClientSampled :

TW-4



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.744 min Scan# 1941

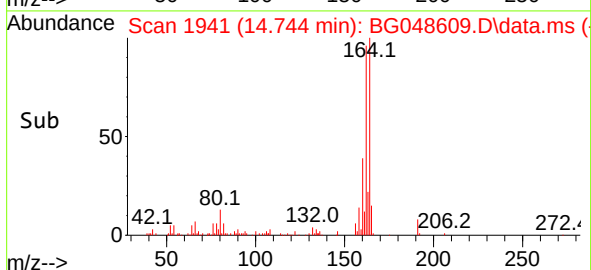
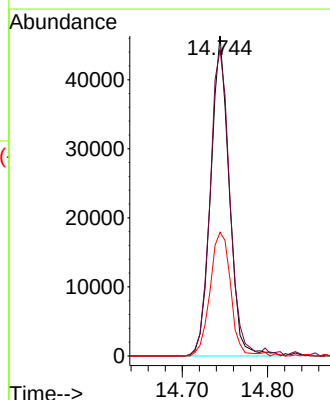
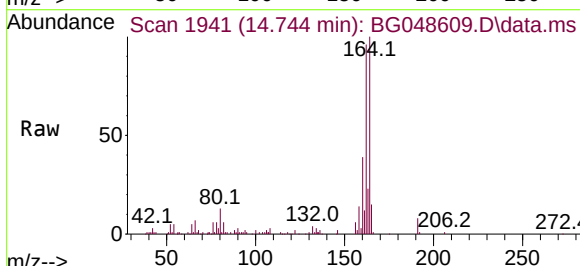
Delta R.T. -0.006 min

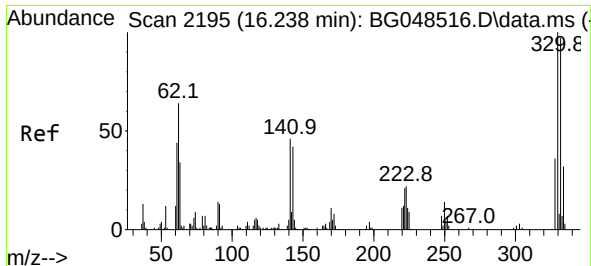
Lab File: BG048609.D

Acq: 6 Apr 2021 18:26

Tgt Ion:164 Resp: 69742

Ion	Ratio	Lower	Upper
164	100		
162	95.7	87.0	130.6
160	38.7	38.4	57.6

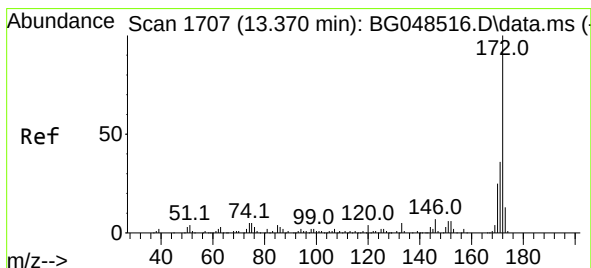
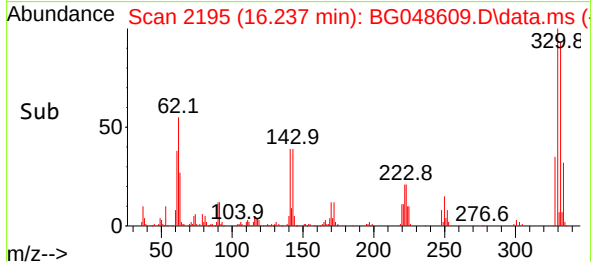
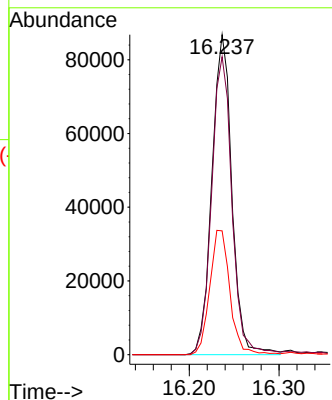
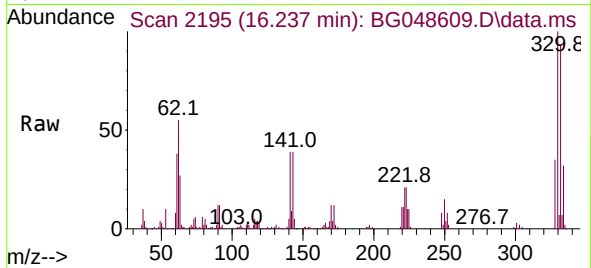




#42
2,4,6-Tribromophenol
Concen: 146.34 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BG048609.D
Acq: 6 Apr 2021 18:26

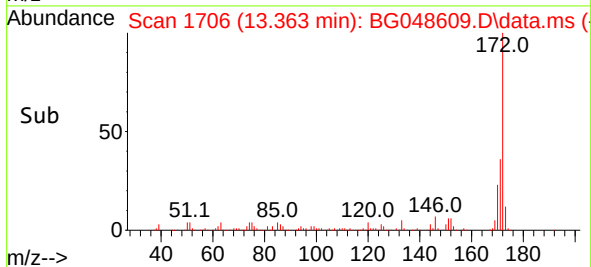
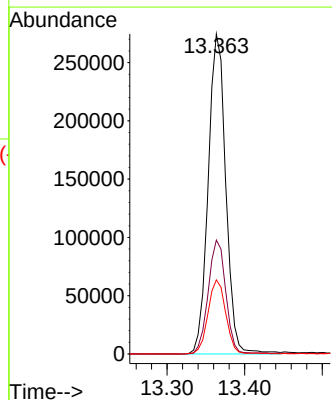
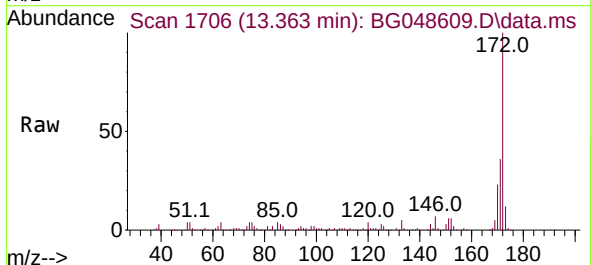
Instrument :
BNA_G
ClientSampled :
TW-4

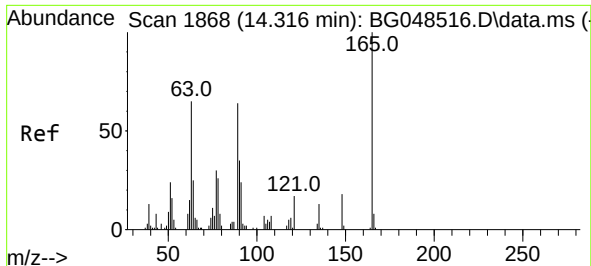
Tgt Ion:330 Resp: 134162
Ion Ratio Lower Upper
330 100
332 94.5 77.6 116.4
141 39.3 34.6 52.0



#45
2-Fluorobiphenyl
Concen: 92.27 ng
RT: 13.363 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BG048609.D
Acq: 6 Apr 2021 18:26

Tgt Ion:172 Resp: 432971
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.2 19.8 29.6

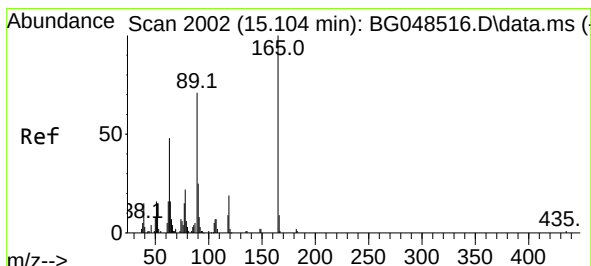
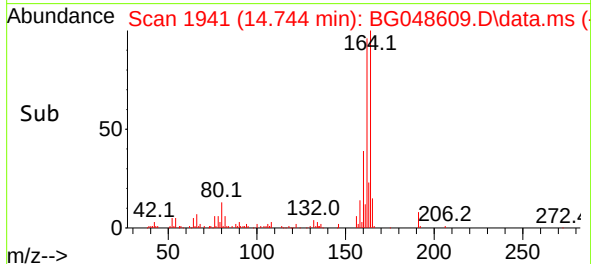
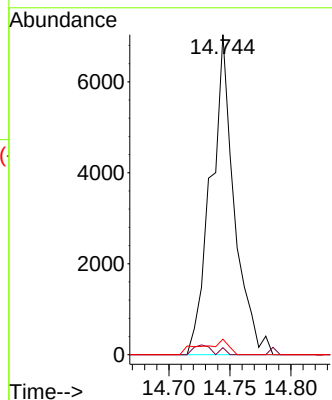
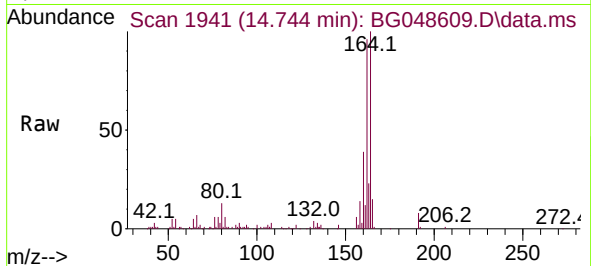




#51
2,6-Dinitrotoluene
Concen: 7.94 ng
RT: 14.744 min Scan# 1941
Delta R.T. 0.428 min
Lab File: BG048609.D
Acq: 6 Apr 2021 18:26

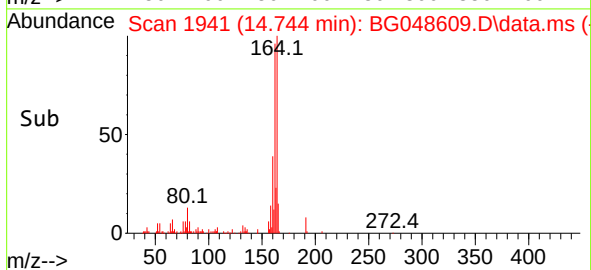
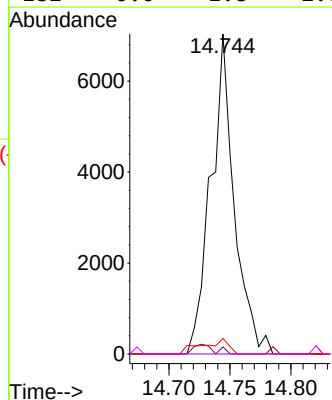
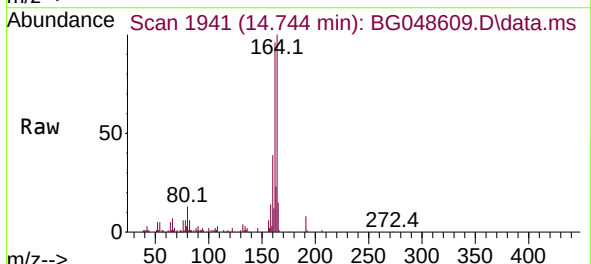
Instrument :
BNA_G
ClientSampled :
TW-4

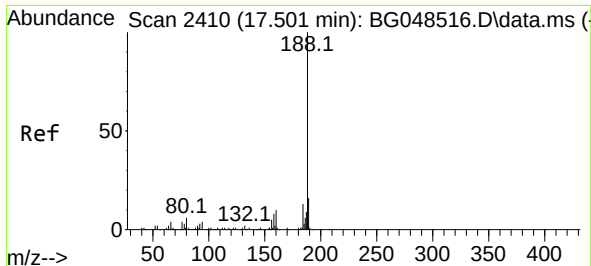
Tgt Ion:165 Resp: 9397
Ion Ratio Lower Upper
165 100
63 2.2 53.8 80.6#
89 4.8 50.8 76.2#



#57
2,4-Dinitrotoluene
Concen: 5.61 ng
RT: 14.744 min Scan# 1941
Delta R.T. -0.359 min
Lab File: BG048609.D
Acq: 6 Apr 2021 18:26

Tgt Ion:165 Resp: 9397
Ion Ratio Lower Upper
165 100
63 2.2 38.3 57.5#
89 4.8 56.5 84.7#
182 0.0 1.8 2.6#

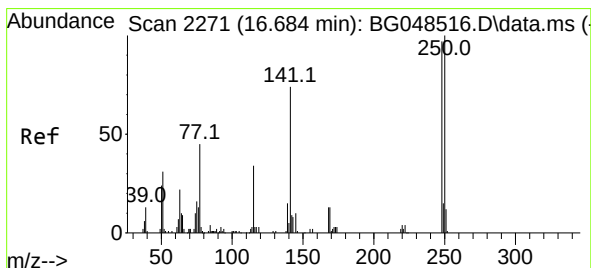
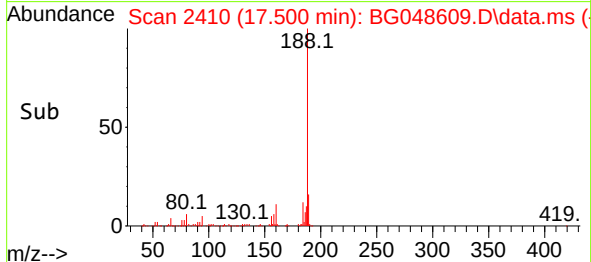
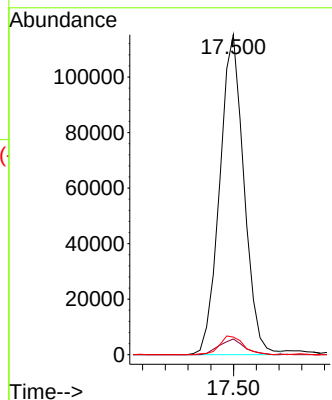
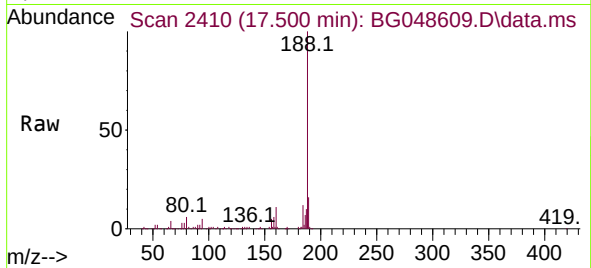




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.500 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BG048609.D
Acq: 6 Apr 2021 18:26

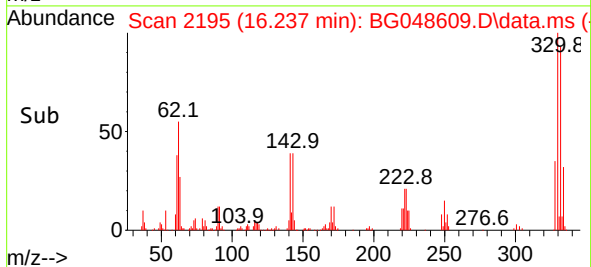
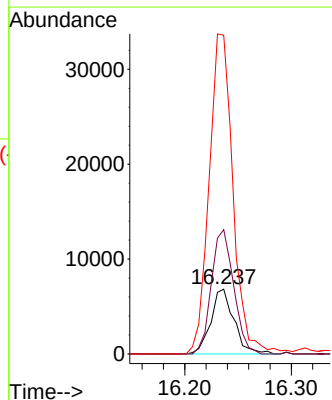
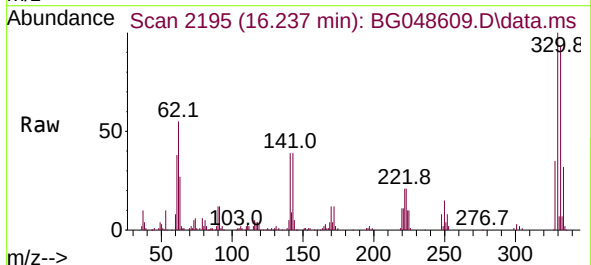
Instrument :
BNA_G
ClientSampleId :
TW-4

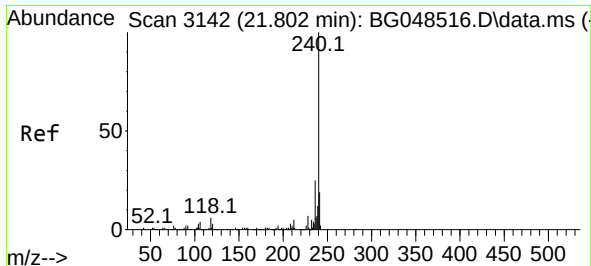
Tgt Ion:188 Resp: 170895
Ion Ratio Lower Upper
188 100
94 4.9 3.0 4.6#
80 5.5 4.5 6.7



#67
4-Bromophenyl-phenylether
Concen: 5.43 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.453 min
Lab File: BG048609.D
Acq: 6 Apr 2021 18:26

Tgt Ion:248 Resp: 10289
Ion Ratio Lower Upper
248 100
250 192.1 82.6 124.0#
141 492.3 61.0 91.6#

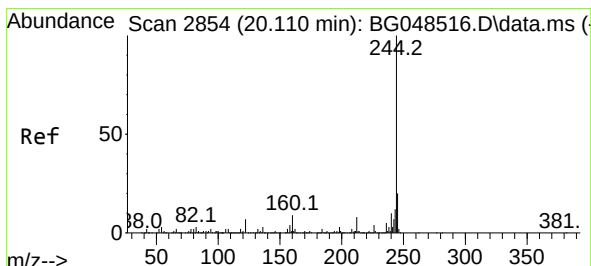
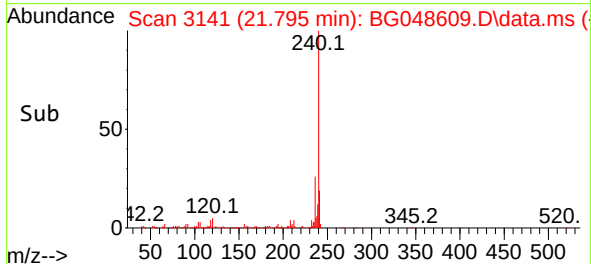
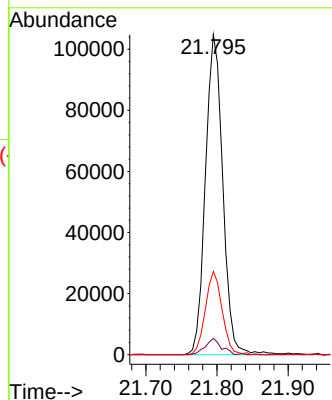
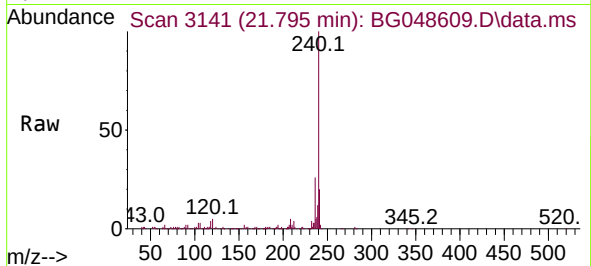




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.795 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BG048609.D
Acq: 6 Apr 2021 18:26

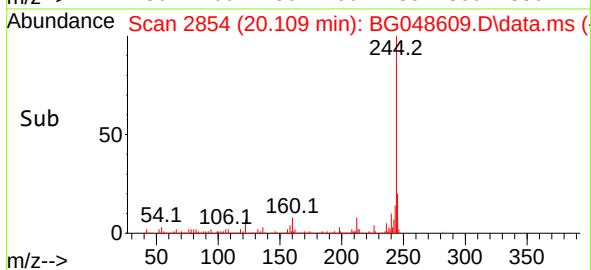
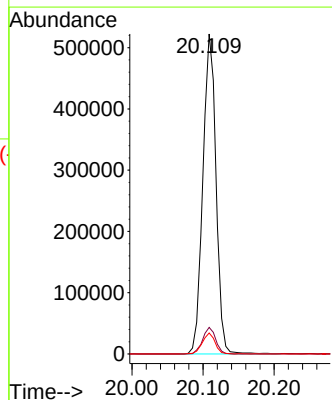
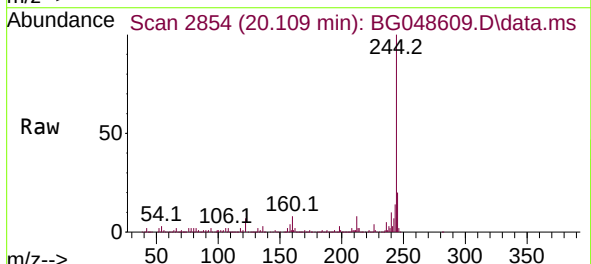
Instrument :
BNA_G
ClientSampleId :
TW-4

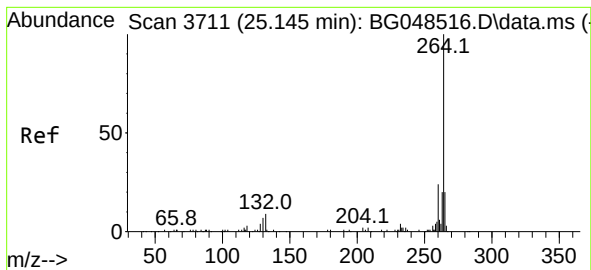
Tgt Ion:240 Resp: 177780
Ion Ratio Lower Upper
240 100
120 5.1 2.6 3.8#
236 26.0 19.8 29.6



#79
Terphenyl-d14
Concen: 69.30 ng
RT: 20.109 min Scan# 2854
Delta R.T. -0.006 min
Lab File: BG048609.D
Acq: 6 Apr 2021 18:26

Tgt Ion:244 Resp: 673698
Ion Ratio Lower Upper
244 100
212 8.3 6.0 9.0
122 6.5 5.8 8.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.138 min Scan# 3710
 Delta R.T. -0.012 min
 Lab File: BG048609.D
 Acq: 6 Apr 2021 18:26

Instrument :
 BNA_G
 ClientSampleId :
 TW-4

Tgt Ion:264 Resp: 170332
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.2 16.1 24.1

