

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048774.D
 Acq On : 19 Apr 2021 20:17
 Operator : CG/JU
 Sample : M2075-22
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6-D

Quant Time: Apr 20 05:25:44 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)

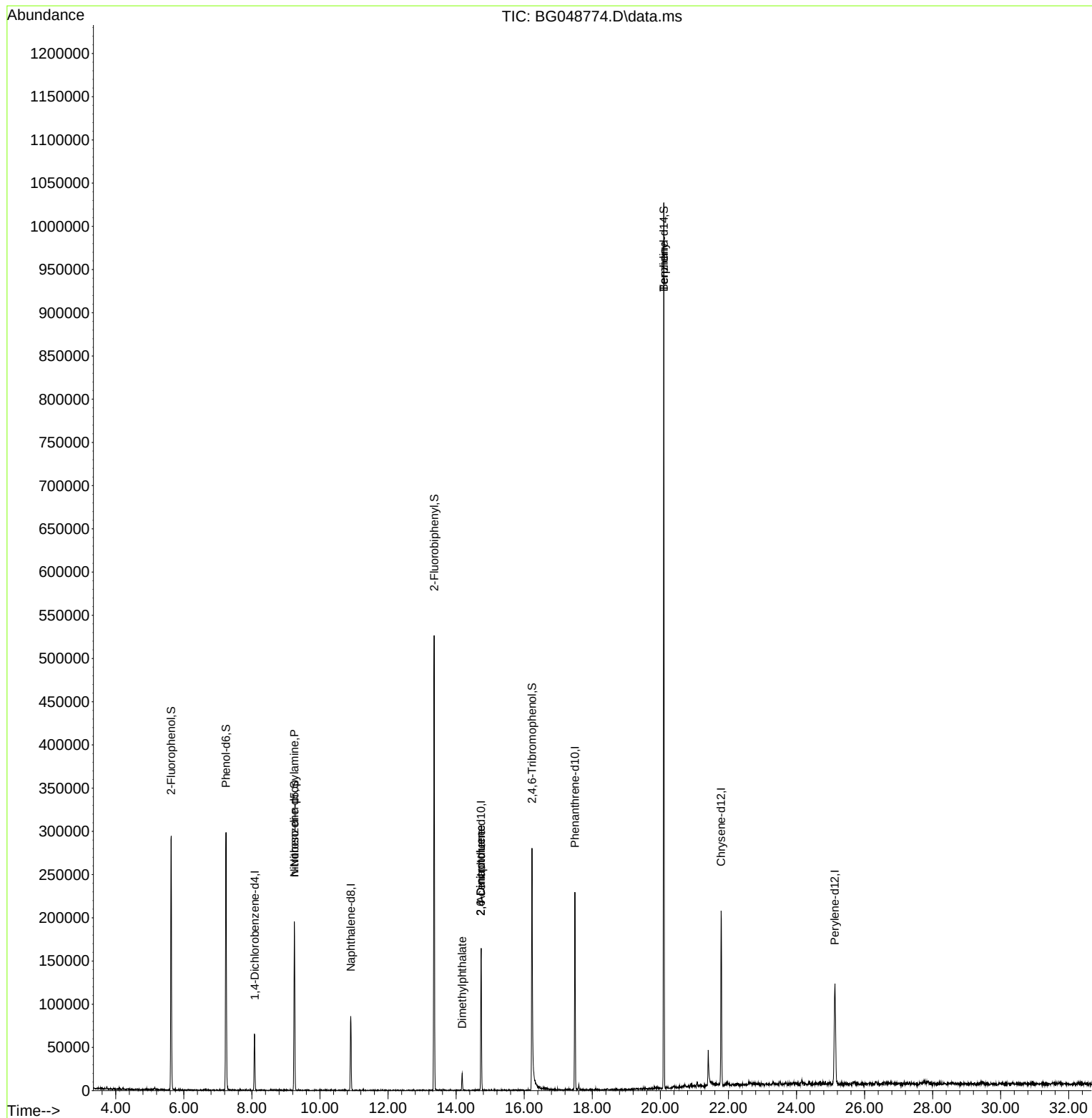
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	15953	20.00	ng	# 0.00
21) Naphthalene-d8	10.905	136	69579	20.00	ng	# 0.00
39) Acenaphthene-d10	14.735	164	53020	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	136566	20.00	ng	# 0.00
76) Chrysene-d12	21.786	240	126377	20.00	ng	-0.01
86) Perylene-d12	25.123	264	122310	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.623	112	114918	120.48	ng	0.00
7) Phenol-d6	7.238	99	148868	110.34	ng	0.00
23) Nitrobenzene-d5	9.248	82	110897	71.36	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	54746	77.01	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	251036	68.38	ng	0.00
79) Terphenyl-d14	20.100	244	443330	60.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.248	70	18604	20.44	ng	# 70
50) Dimethylphthalate	14.177	163	12977	3.26	ng	# 99
51) 2,6-Dinitrotoluene	14.730	165	8318	9.07	ng	# 12
57) 2,4-Dinitrotoluene	14.730	165	8318	6.24	ng	# 18
77) Benzidine	20.100	184	8948	2.61	ng	# 93

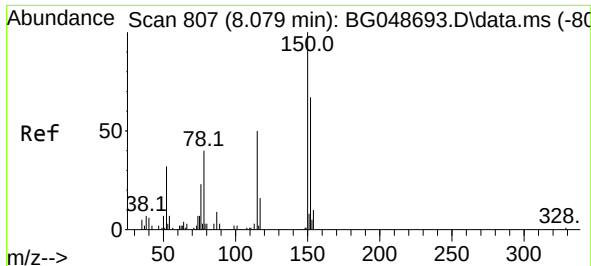
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 16 15:59:00 2021
Response via : Initial Calibration

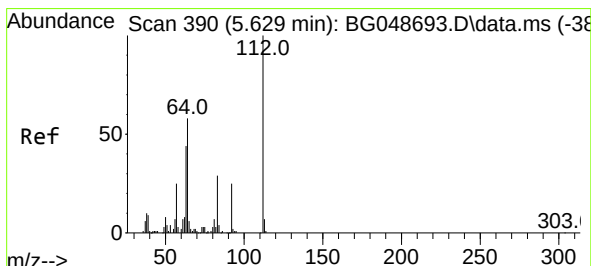
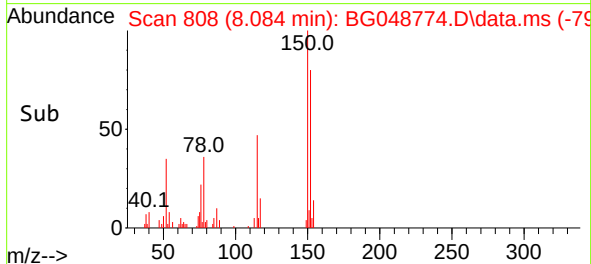
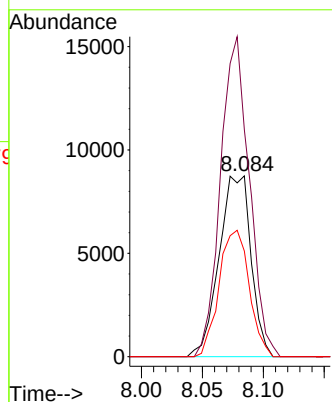
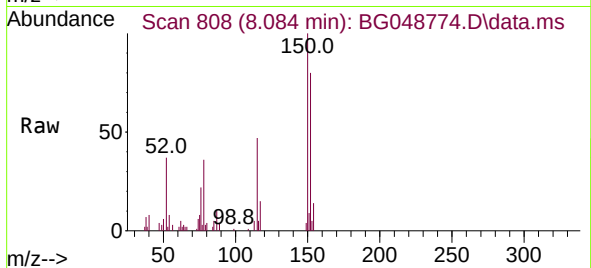




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.084 min Scan# 808
Delta R.T. 0.004 min
Lab File: BG048774.D
Acq: 19 Apr 2021 20:17

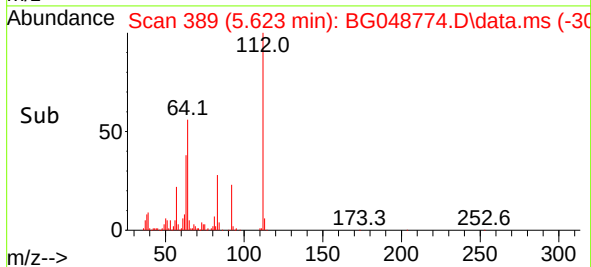
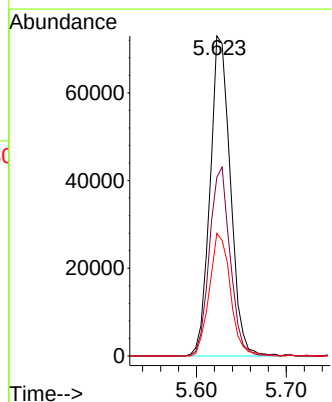
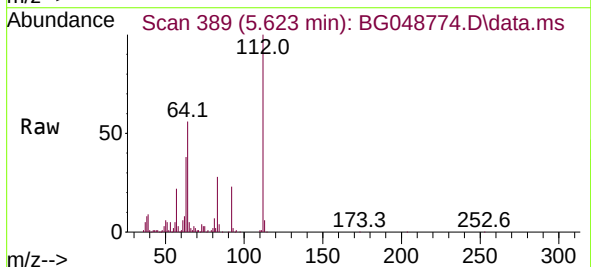
Instrument :
BNA_G
ClientSampled :
TP-6-D

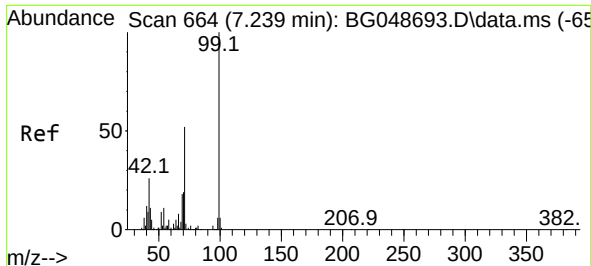
Tgt Ion:152 Resp: 15953
Ion Ratio Lower Upper
152 100
150 125.4 119.4 179.0
115 58.4 60.2 90.4#



#5
2-Fluorophenol
Concen: 120.48 ng
RT: 5.623 min Scan# 389
Delta R.T. -0.007 min
Lab File: BG048774.D
Acq: 19 Apr 2021 20:17

Tgt Ion:112 Resp: 114918
Ion Ratio Lower Upper
112 100
64 55.9 46.7 70.1
63 38.3 35.3 52.9

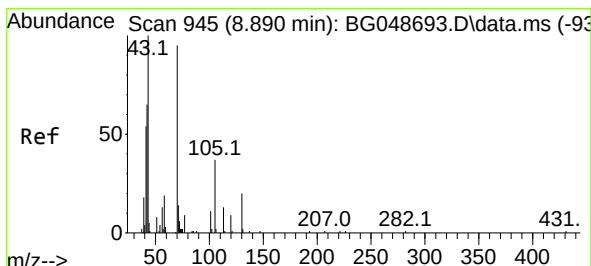
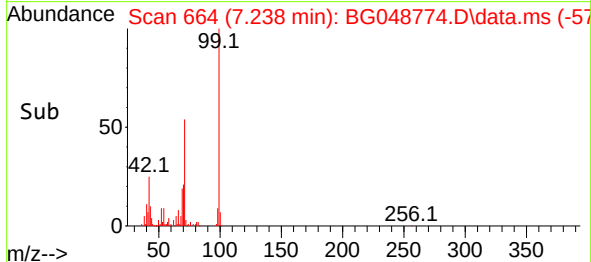
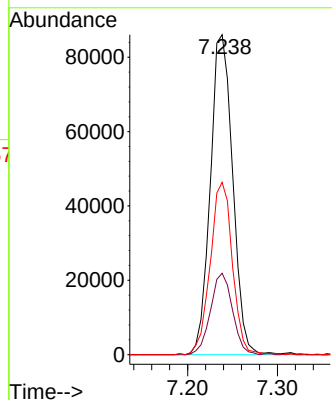
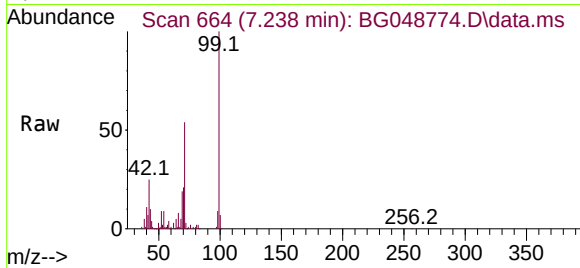




#7
Phenol-d6
Concen: 110.34 ng
RT: 7.238 min Scan# 664
Delta R.T. -0.001 min
Lab File: BG048774.D
Acq: 19 Apr 2021 20:17

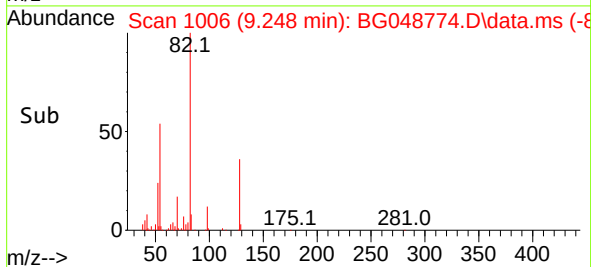
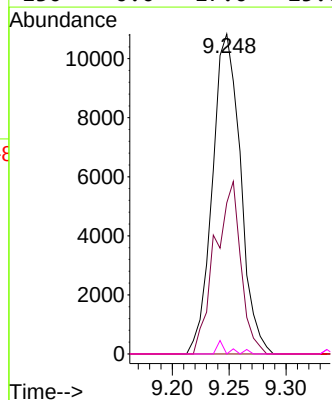
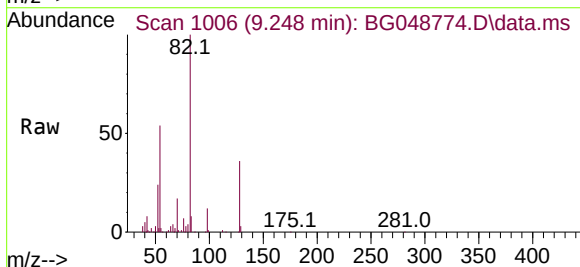
Instrument :
BNA_G
ClientSampled :
TP-6-D

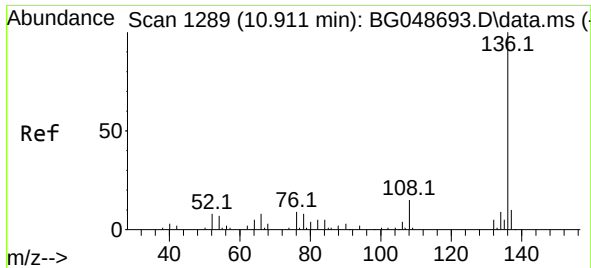
Tgt Ion: 99 Resp: 148868
Ion Ratio Lower Upper
99 100
42 25.5 20.5 30.7
71 53.8 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.44 ng
RT: 9.248 min Scan# 1006
Delta R.T. 0.357 min
Lab File: BG048774.D
Acq: 19 Apr 2021 20:17

Tgt Ion: 70 Resp: 18604
Ion Ratio Lower Upper
70 100
42 47.2 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

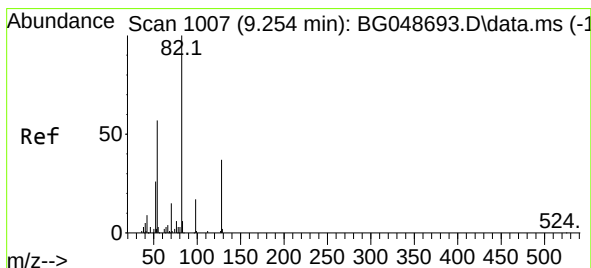
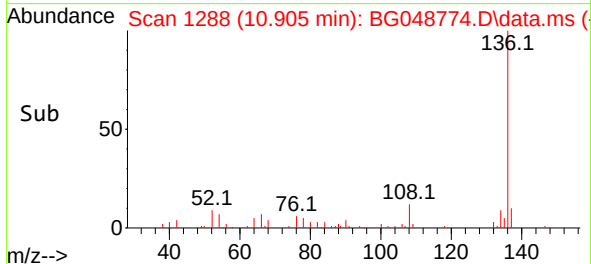
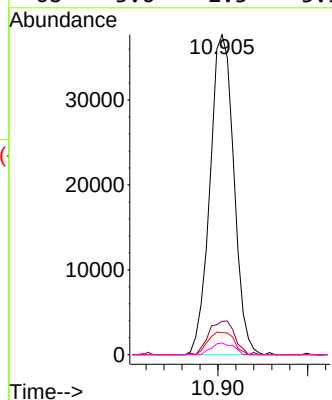
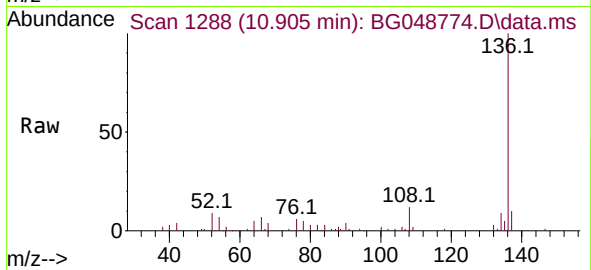




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1288
Delta R.T. -0.007 min
Lab File: BG048774.D
Acq: 19 Apr 2021 20:17

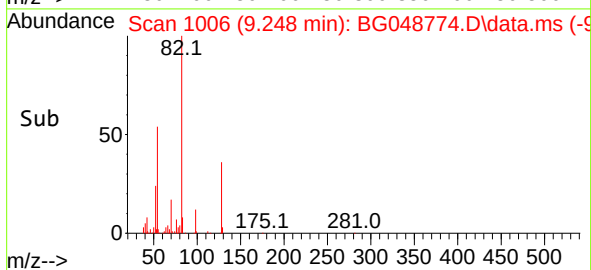
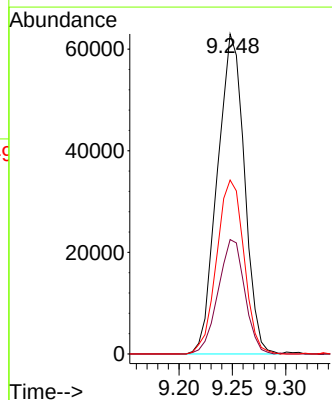
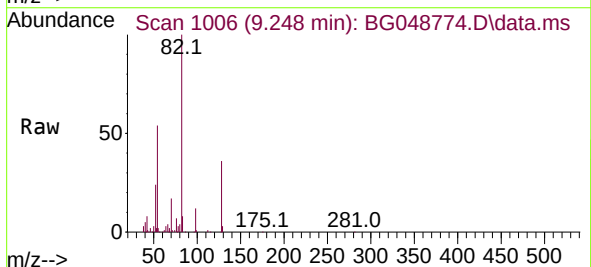
Instrument :
BNA_G
ClientSampled :
TP-6-D

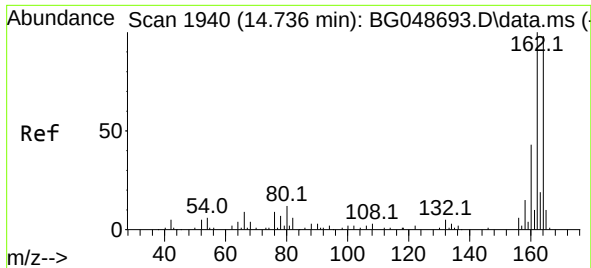
Tgt Ion:136	Resp:	69579
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.2 12.2
54	6.9	5.5 8.3
68	3.6	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 71.36 ng
RT: 9.248 min Scan# 1006
Delta R.T. -0.007 min
Lab File: BG048774.D
Acq: 19 Apr 2021 20:17

Tgt Ion: 82	Resp:	110897
Ion Ratio	Lower	Upper
82	100	
128	35.7	29.8 44.6
54	54.4	45.8 68.8

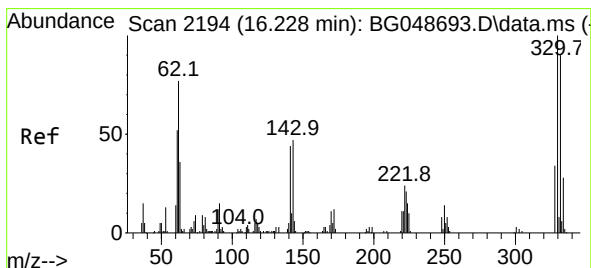
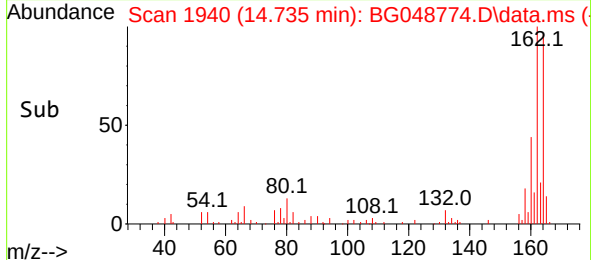
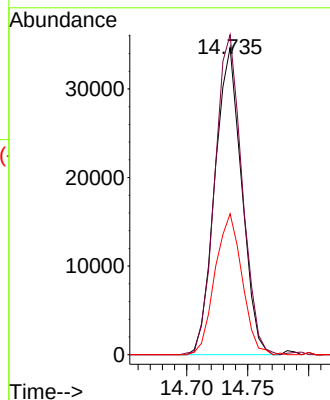
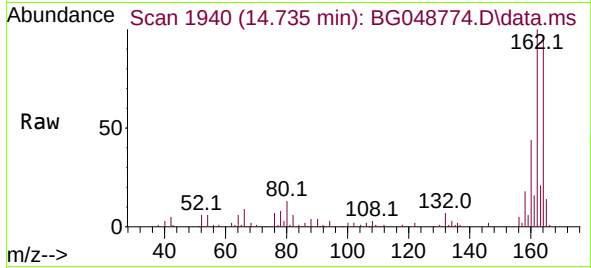




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.735 min Scan# 1940
Delta R.T. -0.007 min
Lab File: BG048774.D
Acq: 19 Apr 2021 20:17

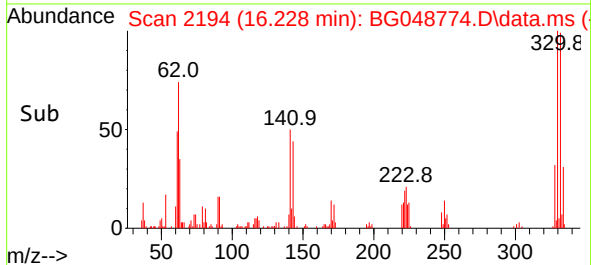
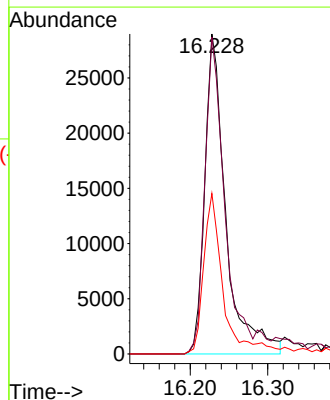
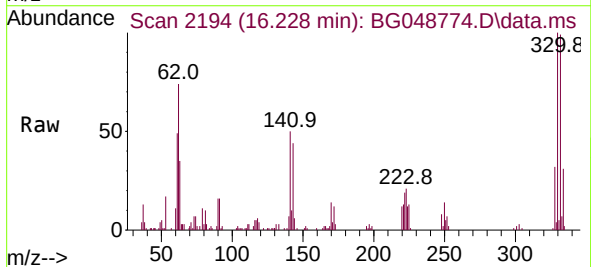
Instrument :
BNA_G
ClientSampled :
TP-6-D

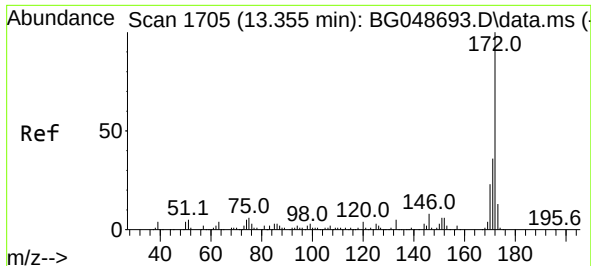
Tgt Ion:164 Resp: 53020
Ion Ratio Lower Upper
164 100
162 104.2 81.4 122.0
160 45.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 77.01 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.007 min
Lab File: BG048774.D
Acq: 19 Apr 2021 20:17

Tgt Ion:330 Resp: 54746
Ion Ratio Lower Upper
330 100
332 92.0 77.3 115.9
141 46.0 35.6 53.4

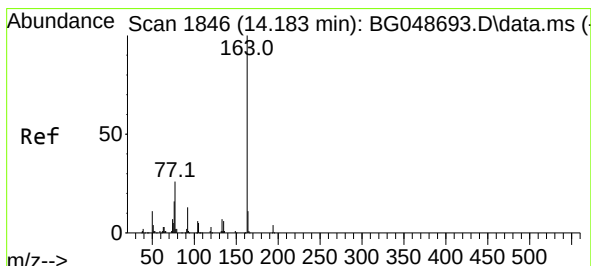
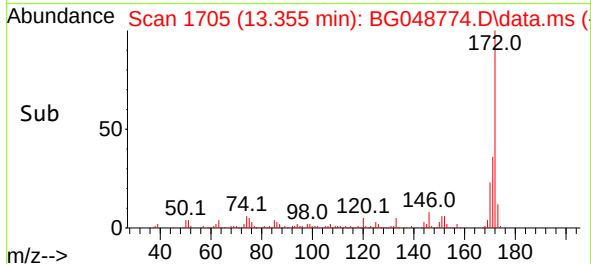
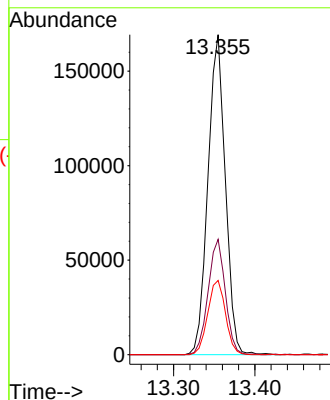
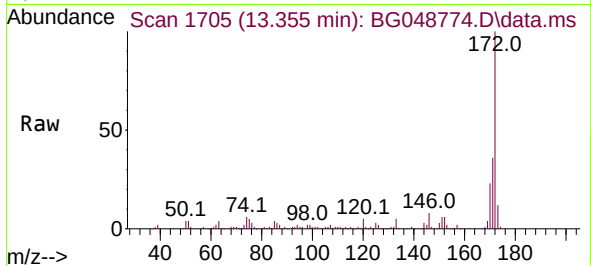




#45
2-Fluorobiphenyl
Concen: 68.38 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG048774.D
Acq: 19 Apr 2021 20:17

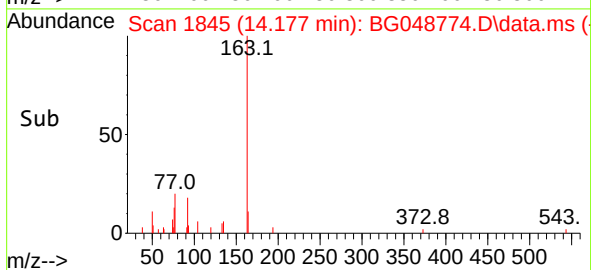
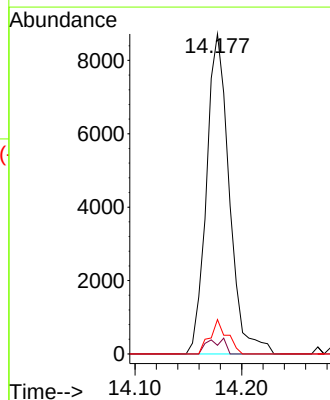
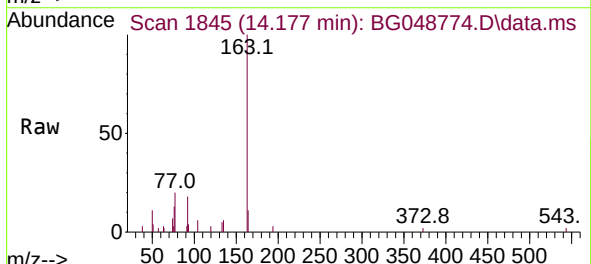
Instrument :
BNA_G
ClientSampled :
TP-6-D

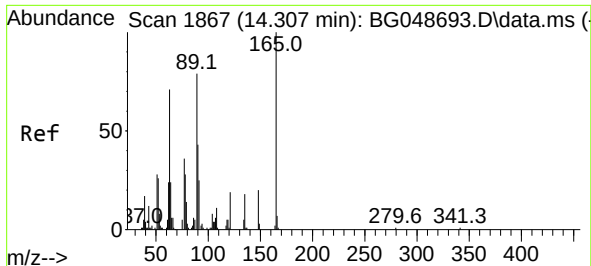
Tgt Ion:172	Resp:	251036
Ion Ratio	Lower	Upper
172	100	
171	36.1	28.6 43.0
170	23.2	18.6 27.8



#50
Dimethylphthalate
Concen: 3.26 ng
RT: 14.177 min Scan# 1845
Delta R.T. -0.007 min
Lab File: BG048774.D
Acq: 19 Apr 2021 20:17

Tgt Ion:163	Resp:	12977
Ion Ratio	Lower	Upper
163	100	
194	2.7	3.0 4.6#
164	10.8	8.6 12.8

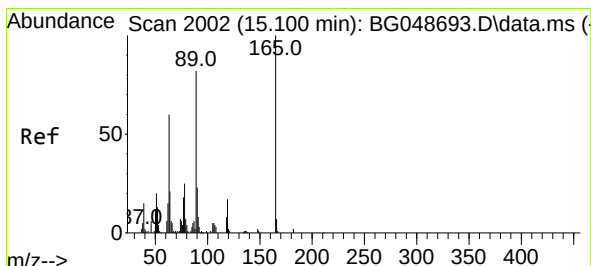
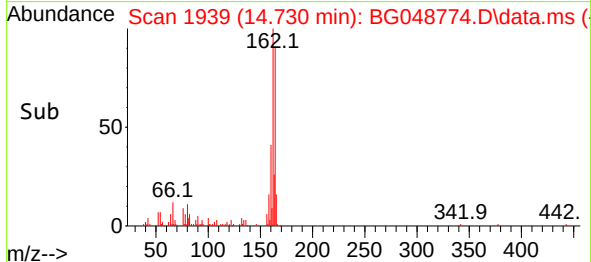
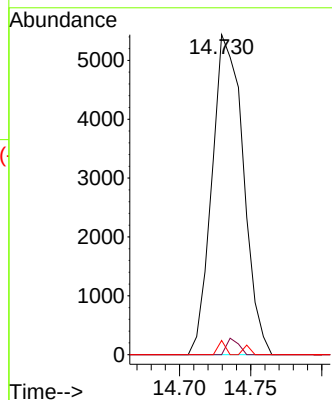
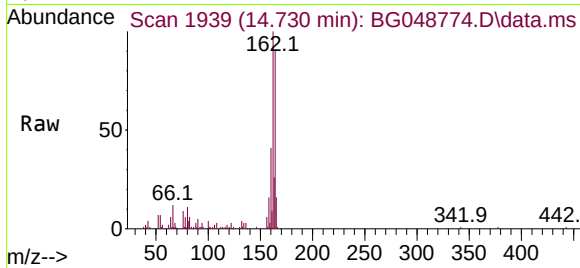




#51
2,6-Dinitrotoluene
Concen: 9.07 ng
RT: 14.730 min Scan# 1939
Delta R.T. 0.416 min
Lab File: BG048774.D
Acq: 19 Apr 2021 20:17

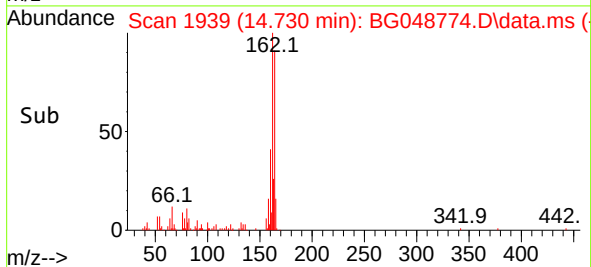
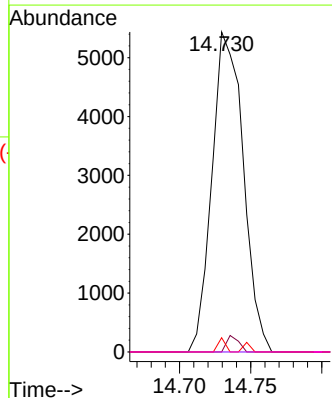
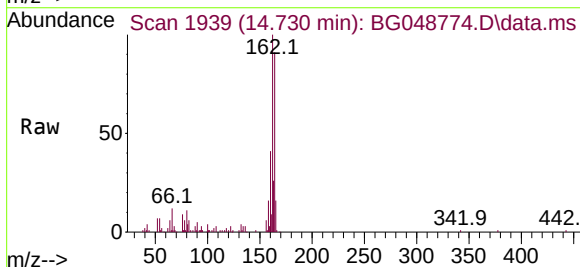
Instrument :
BNA_G
ClientSampled :
TP-6-D

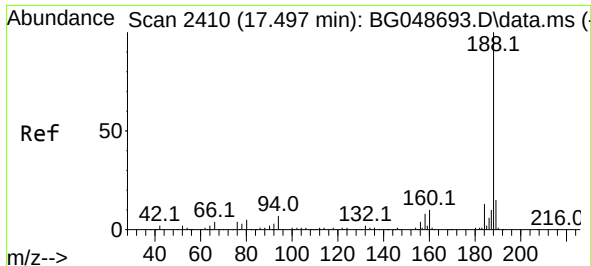
Tgt Ion:165 Resp: 8318
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 4.4 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.24 ng
RT: 14.730 min Scan# 1939
Delta R.T. -0.372 min
Lab File: BG048774.D
Acq: 19 Apr 2021 20:17

Tgt Ion:165 Resp: 8318
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 4.4 65.4 98.0#
182 0.0 2.0 3.0#

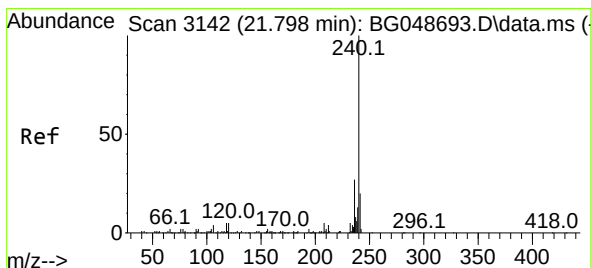
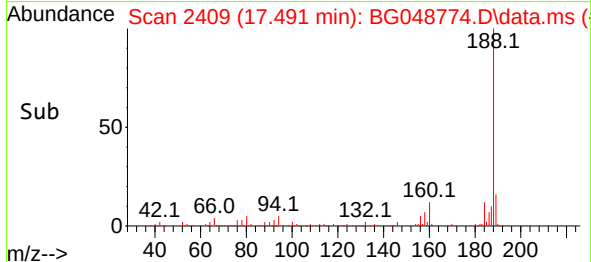
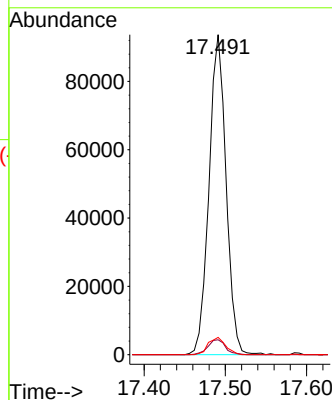
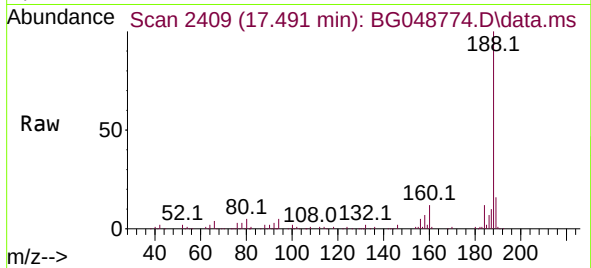




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048774.D
Acq: 19 Apr 2021 20:17

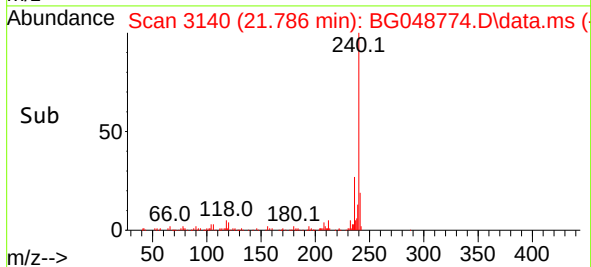
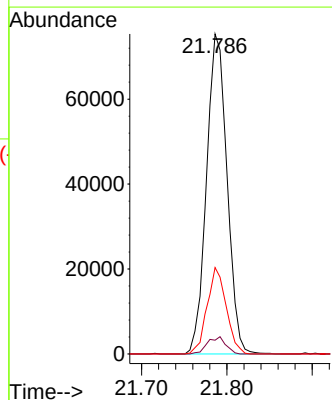
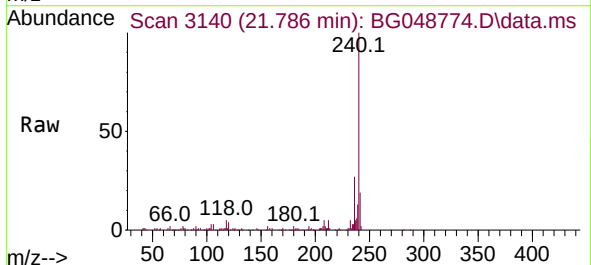
Instrument :
BNA_G
ClientSampleId :
TP-6-D

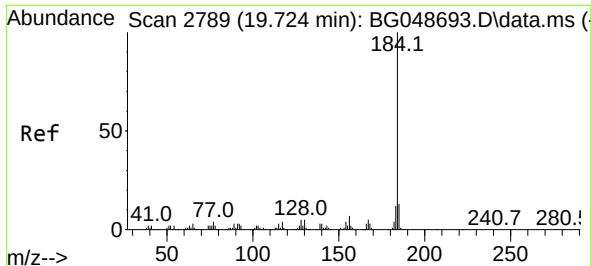
Tgt Ion:188 Resp: 136566
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0#
80 5.4 3.7 5.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.786 min Scan# 3140
Delta R.T. -0.013 min
Lab File: BG048774.D
Acq: 19 Apr 2021 20:17

Tgt Ion:240 Resp: 126377
Ion Ratio Lower Upper
240 100
120 4.3 4.2 6.2
236 27.0 21.8 32.6

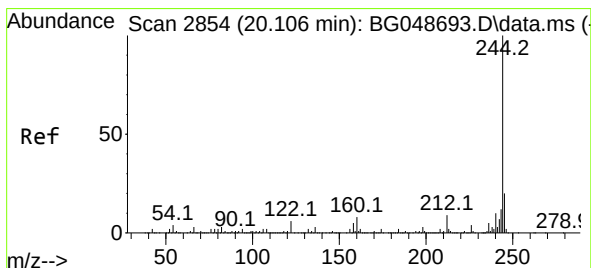
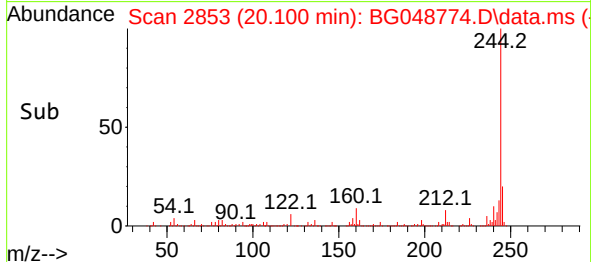
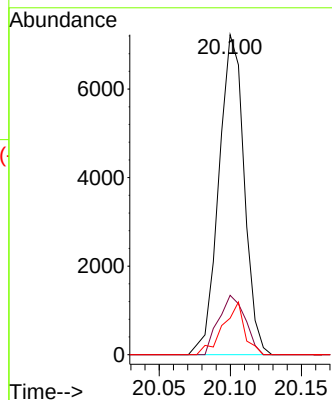
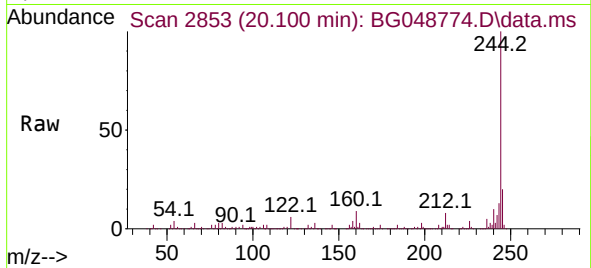




#77
Benzidine
Concen: 2.61 ng
RT: 20.100 min Scan# 2853
Delta R.T. 0.369 min
Lab File: BG048774.D
Acq: 19 Apr 2021 20:17

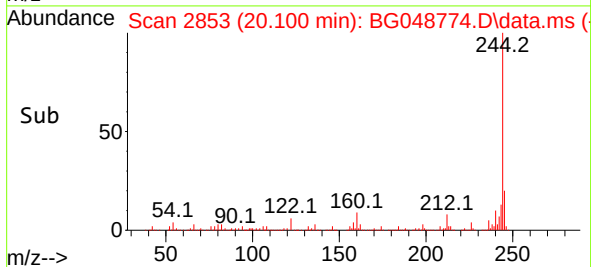
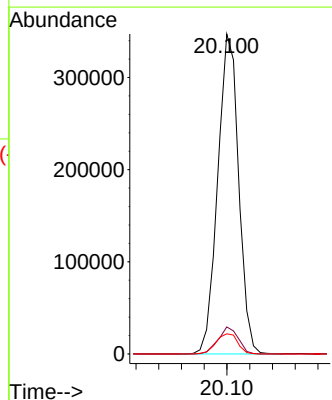
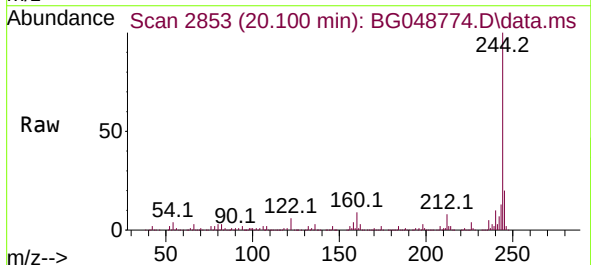
Instrument :
BNA_G
ClientSampled :
TP-6-D

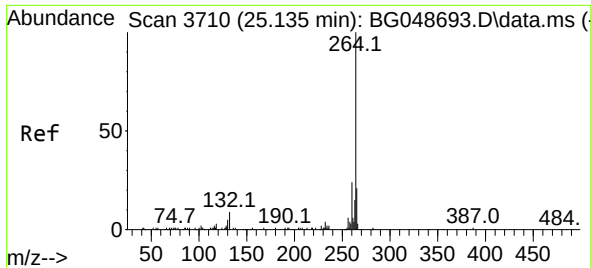
Tgt Ion:184 Resp: 8948
Ion Ratio Lower Upper
184 100
185 18.5 10.7 16.1#
183 11.4 9.4 14.0



#79
Terphenyl-d14
Concen: 60.38 ng
RT: 20.100 min Scan# 2853
Delta R.T. -0.007 min
Lab File: BG048774.D
Acq: 19 Apr 2021 20:17

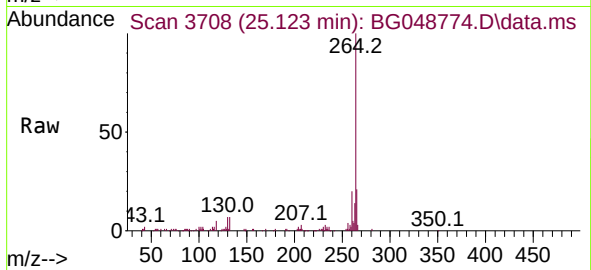
Tgt Ion:244 Resp: 443330
Ion Ratio Lower Upper
244 100
212 8.5 6.9 10.3
122 6.3 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.123 min Scan# 3708
 Delta R.T. -0.019 min
 Lab File: BG048774.D
 Acq: 19 Apr 2021 20:17

Instrument :
 BNA_G
 ClientSampleId :
 TP-6-D



Tgt Ion:	264	Resp:	122310
Ion Ratio	Lower	Upper	
264	100		
260	20.4	19.4	29.2
265	20.6	16.9	25.3

