

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112221\
 Data File : BG051178.D
 Acq On : 22 Nov 2021 20:17
 Operator : CG/JU
 Sample : M4767-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-13-COMP

Quant Time: Nov 23 00:51:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

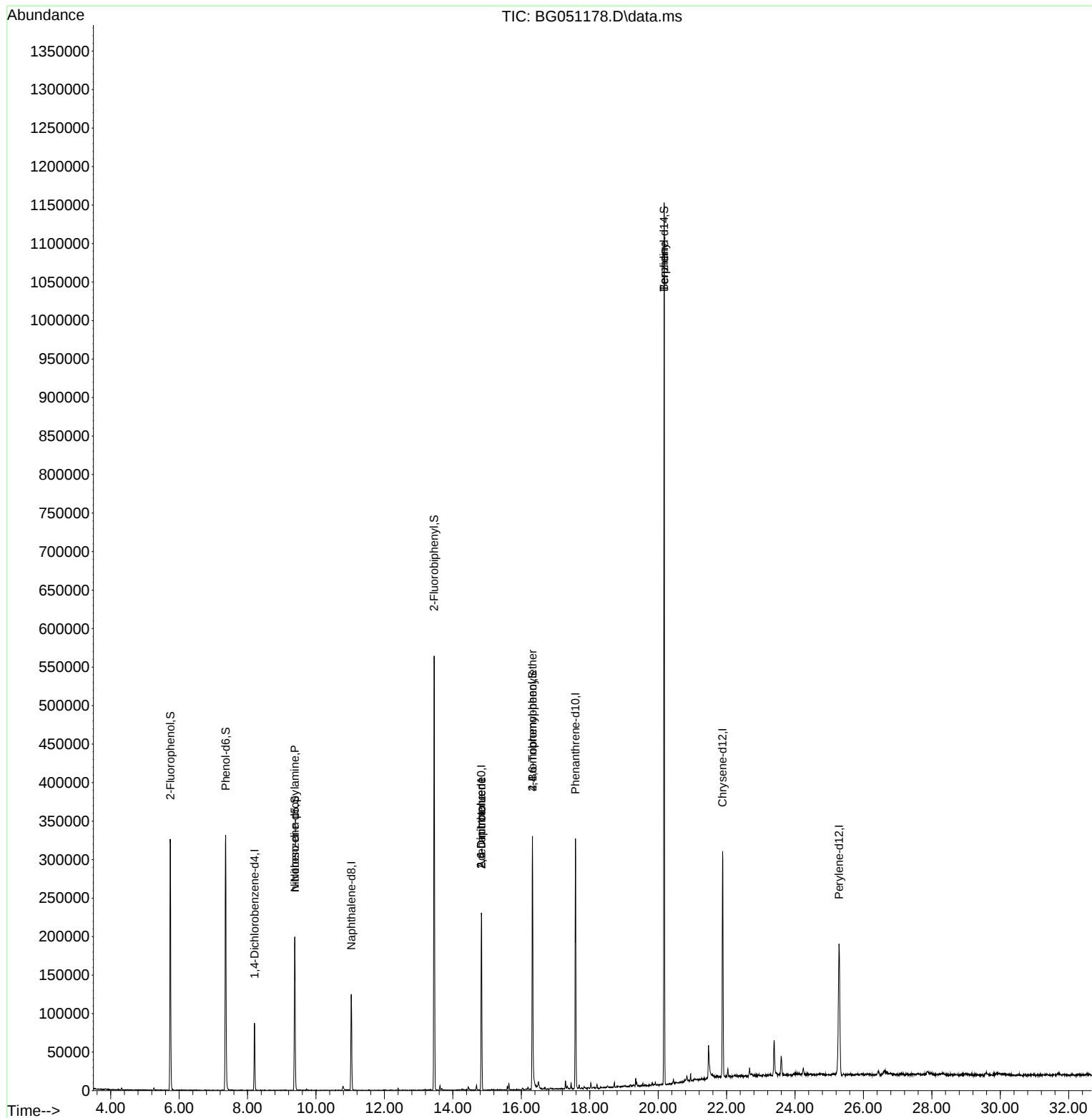
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	24223	20.000	ng	-0.01
21) Naphthalene-d8	11.032	136	112078	20.000	ng	# 0.00
39) Acenaphthene-d10	14.834	164	85900	20.000	ng	0.00
64) Phenanthrene-d10	17.583	188	200212	20.000	ng	# 0.00
76) Chrysene-d12	21.884	240	184960	20.000	ng	# 0.00
86) Perylene-d12	25.286	264	181697	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	147338	94.027	ng	0.00
7) Phenol-d6	7.360	99	200605	90.894	ng	0.00
23) Nitrobenzene-d5	9.381	82	134268	54.686	ng	0.00
42) 2,4,6-Tribromophenol	16.326	330	61720	67.601	ng	0.00
45) 2-Fluorobiphenyl	13.453	172	292842	51.442	ng	0.00
79) Terphenyl-d14	20.174	244	533776	52.757	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.381	70	18273	11.217	ng	# 70
51) 2,6-Dinitrotoluene	14.834	165	11290	8.168	ng	# 10
57) 2,4-Dinitrotoluene	14.834	165	11290	5.702	ng	# 15
67) 4-Bromophenyl-phenylether	16.326	248	4599	2.124	ng	# 1
77) Benzidine	20.174	184	9197	3.028	ng	# 93

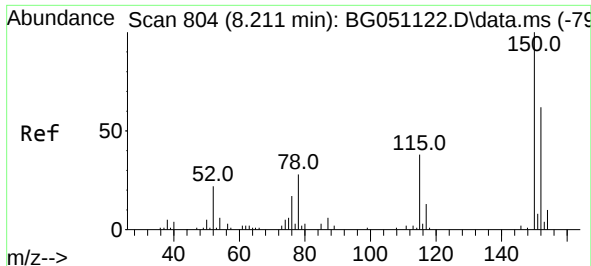
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112221\
Data File : BG051178.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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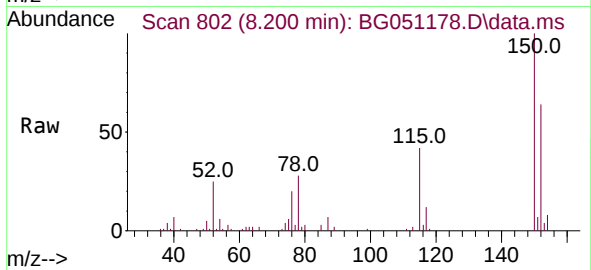
Quant Time: Nov 23 00:51:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration



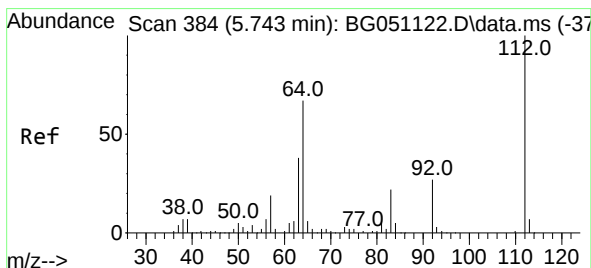
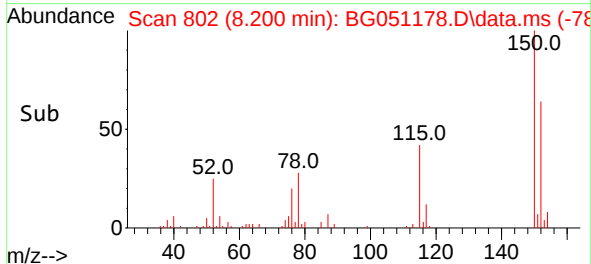
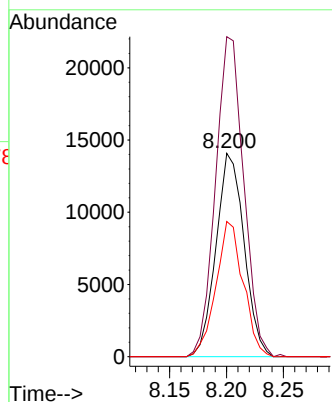


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.200 min Scan# 804
Delta R.T. -0.011 min
Lab File: BG051178.D
Acq: 22 Nov 2021 20:17

Instrument :
BNA_G
ClientSampleId :
TP-13-COMP

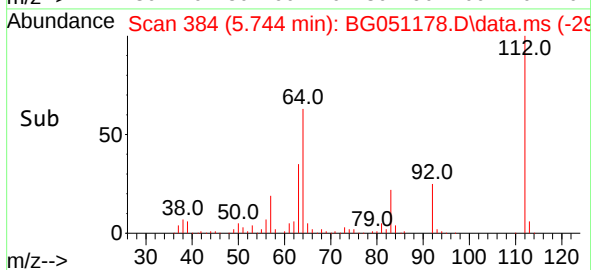
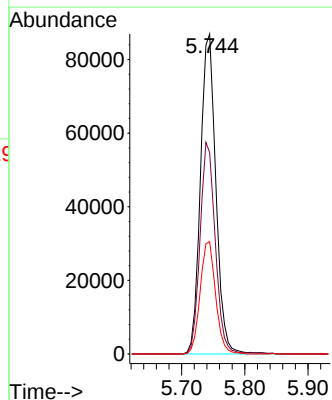
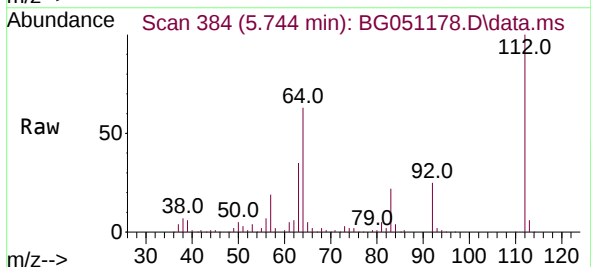


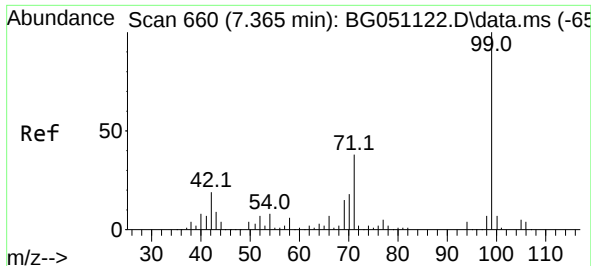
Tgt Ion:152 Resp: 24223
Ion Ratio Lower Upper
152 100
150 157.3 119.4 179.0
115 66.5 60.2 90.4



#5
2-Fluorophenol
Concen: 94.027 ng
RT: 5.744 min Scan# 384
Delta R.T. 0.001 min
Lab File: BG051178.D
Acq: 22 Nov 2021 20:17

Tgt Ion:112 Resp: 147338
Ion Ratio Lower Upper
112 100
64 62.9 46.7 70.1
63 35.1 35.3 52.9#

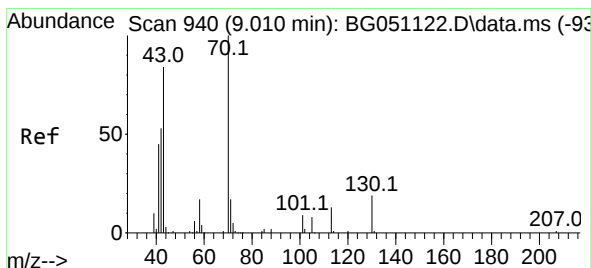
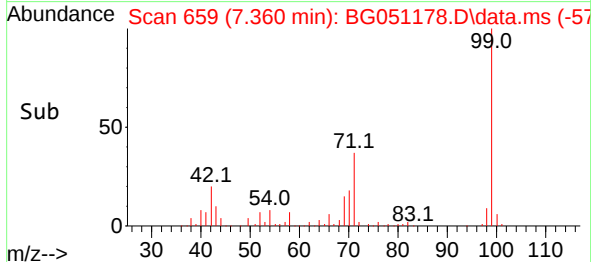
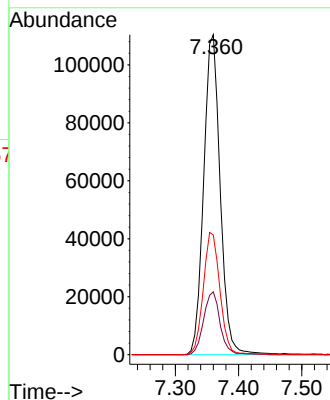
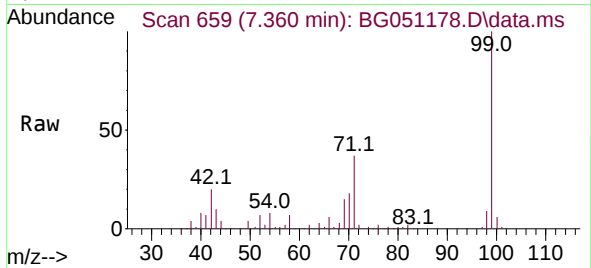




#7
Phenol-d6
Concen: 90.894 ng
RT: 7.360 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG051178.D
Acq: 22 Nov 2021 20:17

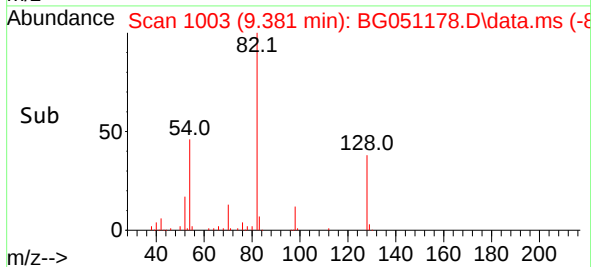
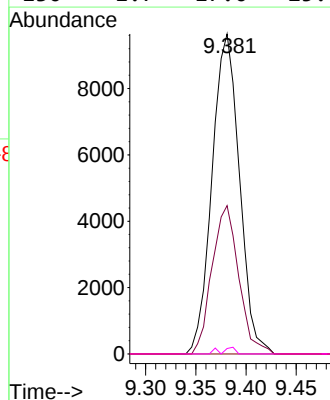
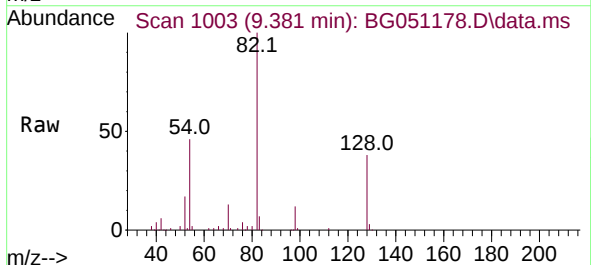
Instrument :
BNA_G
ClientSampleId :
TP-13-COMP

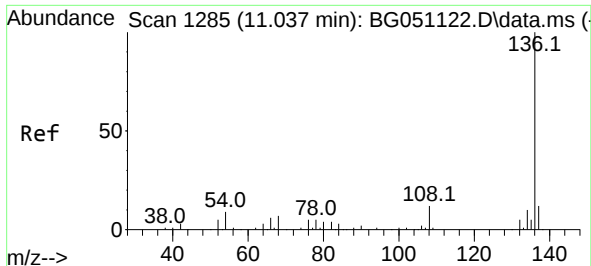
Tgt Ion: 99 Resp: 200605
Ion Ratio Lower Upper
99 100
42 19.6 20.5 30.7#
71 37.4 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 11.217 ng
RT: 9.381 min Scan# 1003
Delta R.T. 0.371 min
Lab File: BG051178.D
Acq: 22 Nov 2021 20:17

Tgt Ion: 70 Resp: 18273
Ion Ratio Lower Upper
70 100
42 46.3 54.5 81.7#
101 0.0 9.0 13.6#
130 1.7 17.0 25.6#

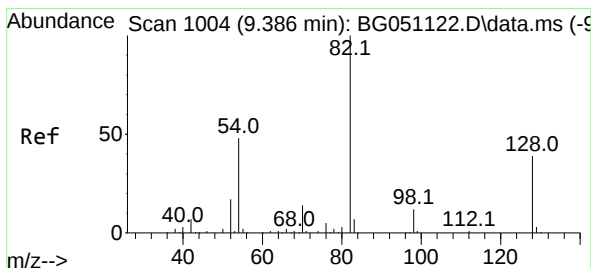
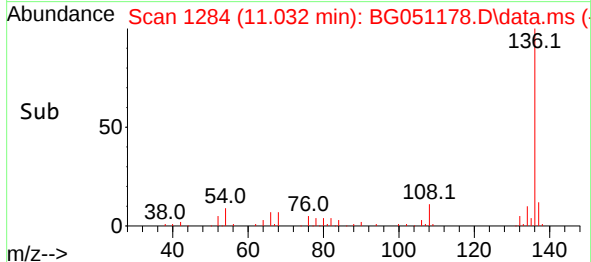
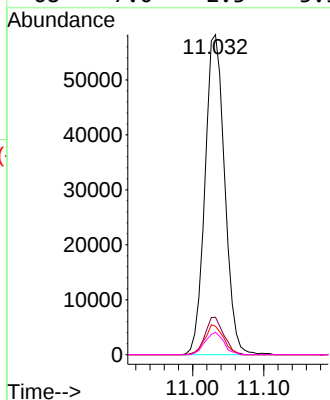
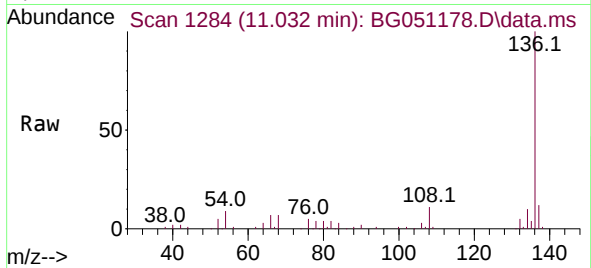




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.032 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG051178.D
Acq: 22 Nov 2021 20:17

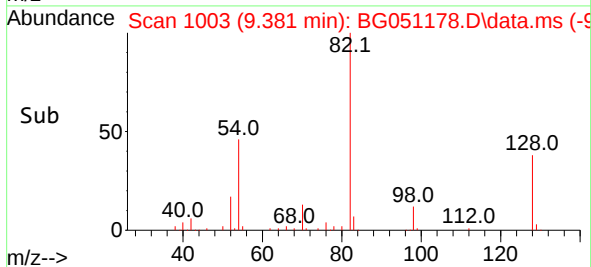
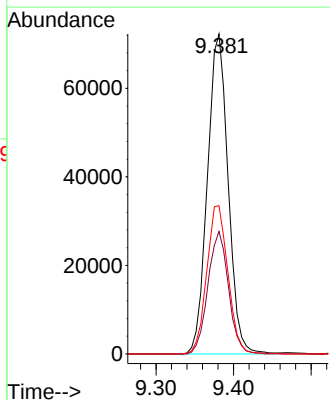
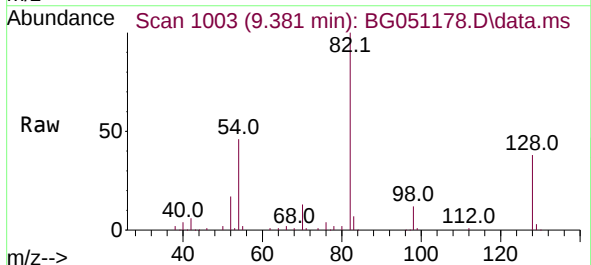
Instrument :
BNA_G
ClientSampleId :
TP-13-COMP

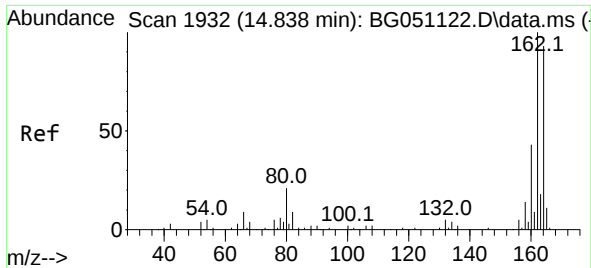
Tgt Ion:136 Resp: 112078
Ion Ratio Lower Upper
136 100
137 11.7 8.2 12.2
54 8.9 5.5 8.3#
68 7.0 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 54.686 ng
RT: 9.381 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG051178.D
Acq: 22 Nov 2021 20:17

Tgt Ion: 82 Resp: 134268
Ion Ratio Lower Upper
82 100
128 38.3 29.8 44.6
54 46.4 45.8 68.8

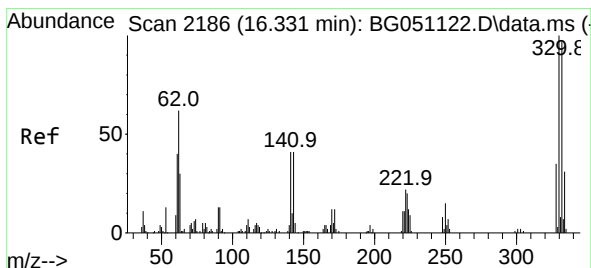
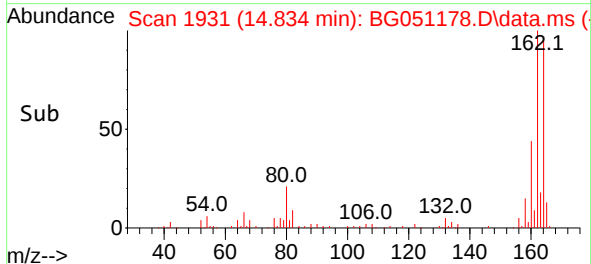
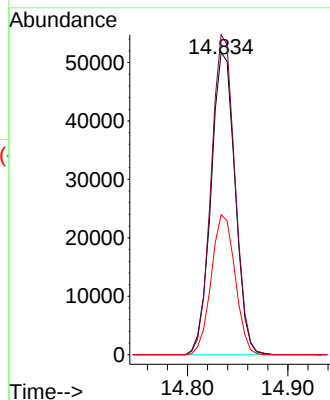
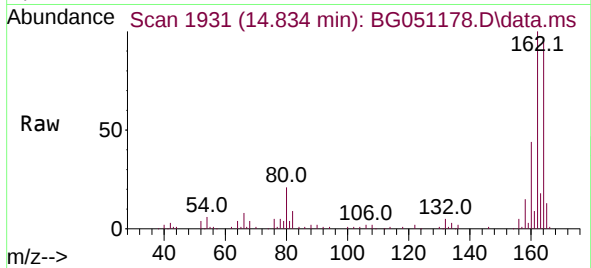




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.834 min Scan# 1931
Delta R.T. -0.004 min
Lab File: BG051178.D
Acq: 22 Nov 2021 20:17

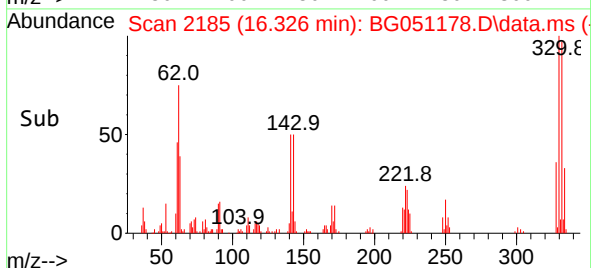
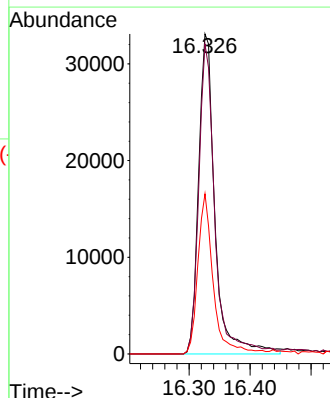
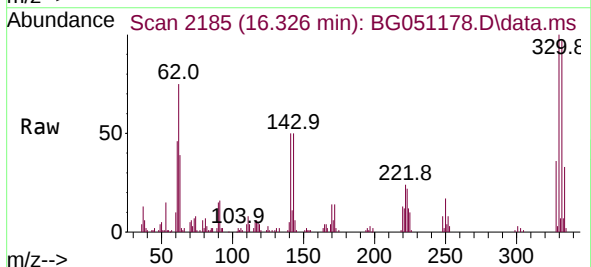
Instrument :
BNA_G
ClientSampleId :
TP-13-COMP

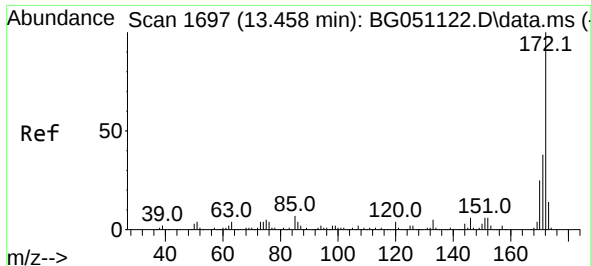
Tgt Ion:164 Resp: 85900
Ion Ratio Lower Upper
164 100
162 105.8 81.4 122.0
160 46.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 67.601 ng
RT: 16.326 min Scan# 2185
Delta R.T. -0.005 min
Lab File: BG051178.D
Acq: 22 Nov 2021 20:17

Tgt Ion:330 Resp: 61720
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 47.2 35.6 53.4

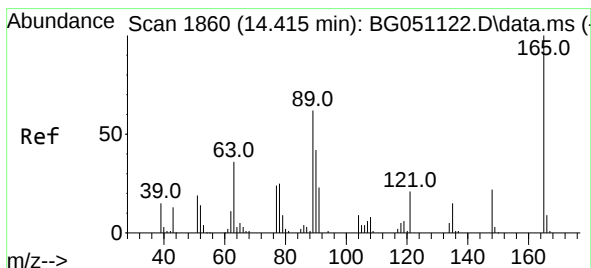
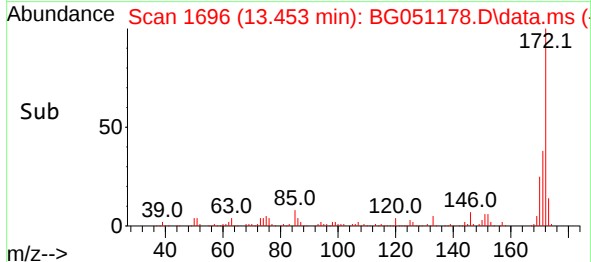
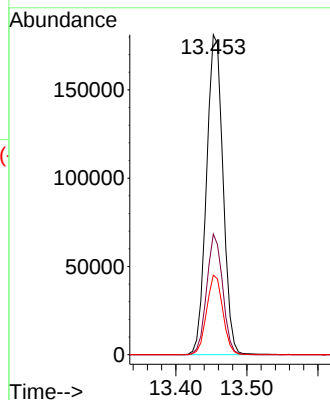
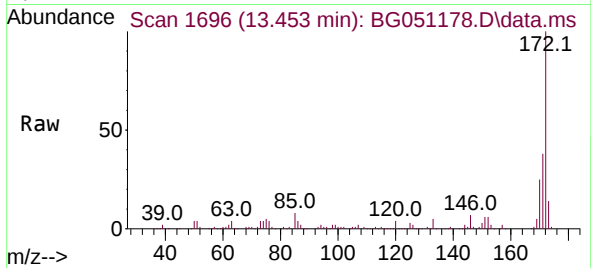




#45
2-Fluorobiphenyl
Concen: 51.442 ng
RT: 13.453 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG051178.D
Acq: 22 Nov 2021 20:17

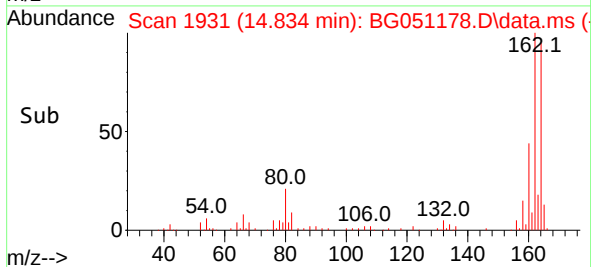
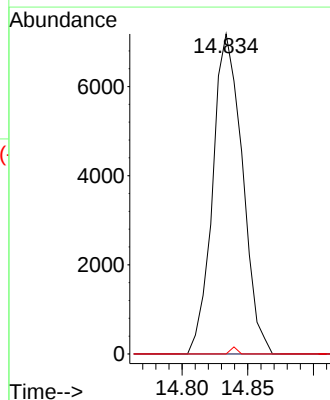
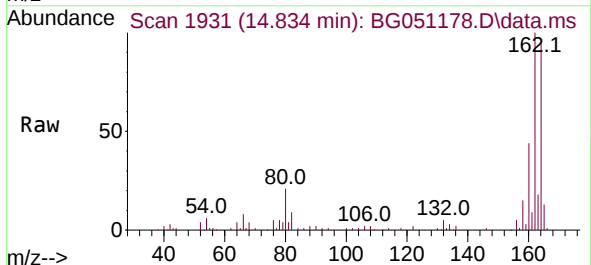
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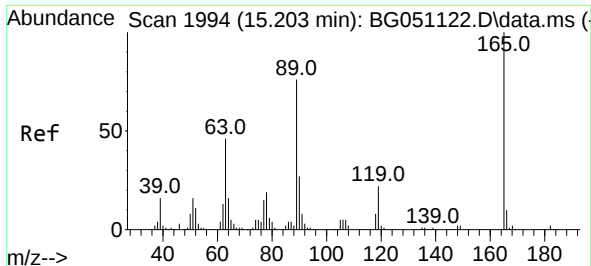
Tgt Ion:172 Resp: 292842
Ion Ratio Lower Upper
172 100
171 37.7 28.6 43.0
170 24.9 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.168 ng
RT: 14.834 min Scan# 1931
Delta R.T. 0.418 min
Lab File: BG051178.D
Acq: 22 Nov 2021 20:17

Tgt Ion:165 Resp: 11290
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: 5.702 ng

RT: 14.834 min Scan# 1994

Delta R.T. -0.369 min

Lab File: BG051178.D

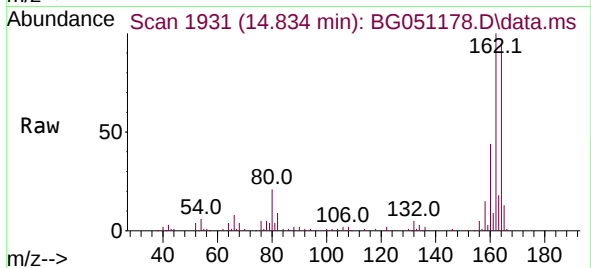
Acq: 22 Nov 2021 20:17

Instrument :

BNA_G

ClientSampleId :

TP-13-COMP



Tgt Ion:165 Resp: 11290

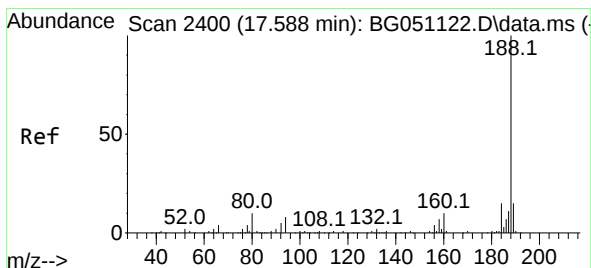
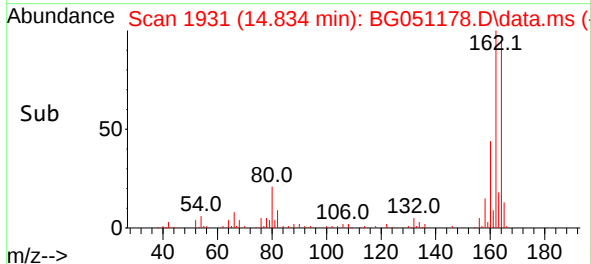
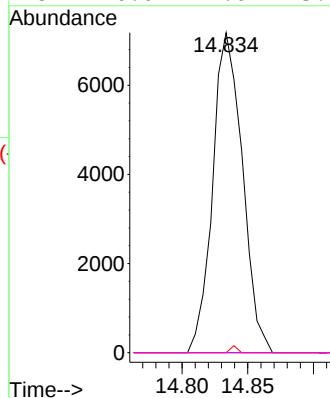
Ion Ratio Lower Upper

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: 20.000 ng

RT: 17.583 min Scan# 2399

Delta R.T. -0.005 min

Lab File: BG051178.D

Acq: 22 Nov 2021 20:17

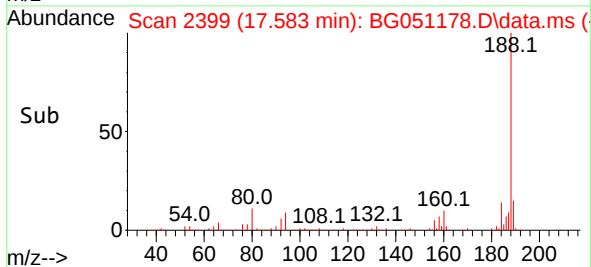
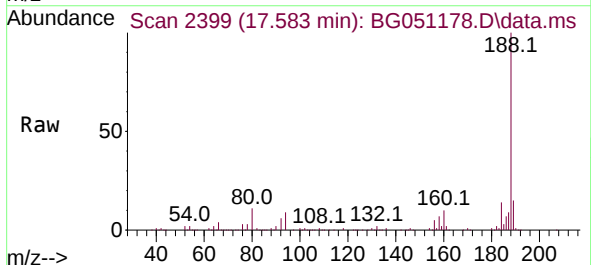
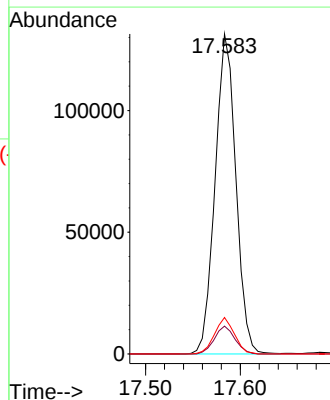
Tgt Ion:188 Resp: 200212

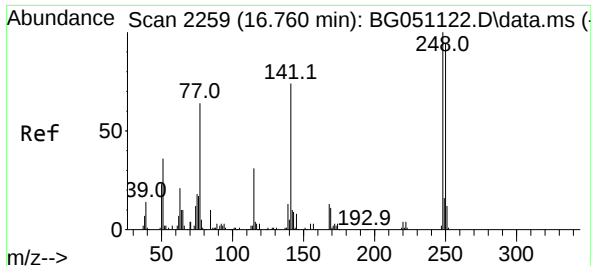
Ion Ratio Lower Upper

188 100

94 8.7 5.4 8.0#

80 11.4 3.7 5.5#

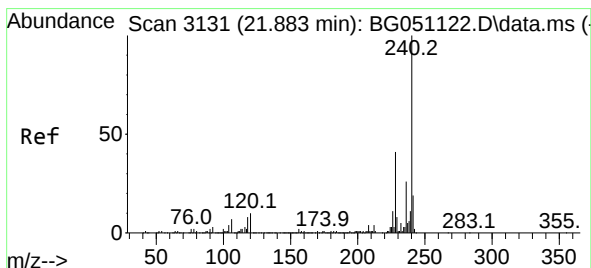
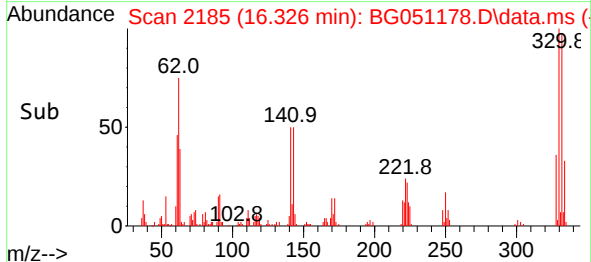
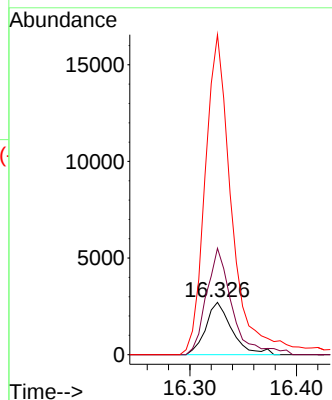
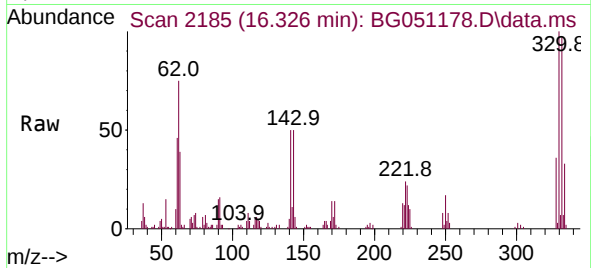




#67
4-Bromophenyl-phenylether
Concen: 2.124 ng
RT: 16.326 min Scan# 2185
Delta R.T. -0.434 min
Lab File: BG051178.D
Acq: 22 Nov 2021 20:17

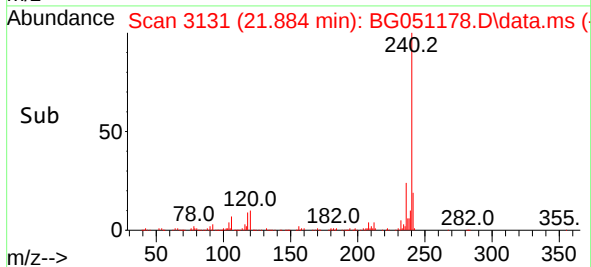
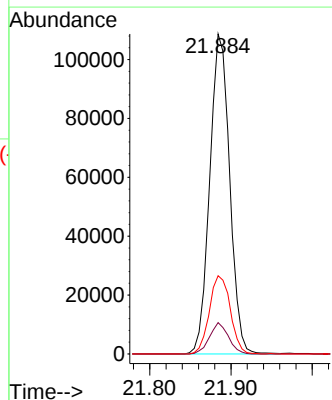
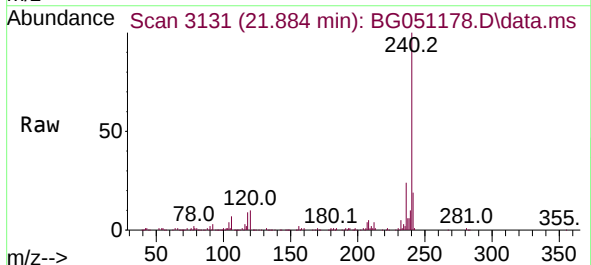
Instrument :
BNA_G
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TP-13-COMP

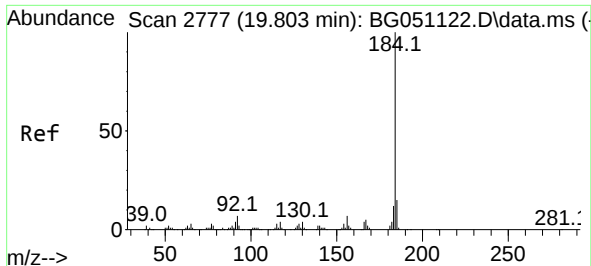
Tgt Ion:248 Resp: 4599
Ion Ratio Lower Upper
248 100
250 203.0 76.1 114.1#
141 610.8 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 3131
Delta R.T. 0.001 min
Lab File: BG051178.D
Acq: 22 Nov 2021 20:17

Tgt Ion:240 Resp: 184960
Ion Ratio Lower Upper
240 100
120 9.8 4.2 6.2#
236 24.4 21.8 32.6

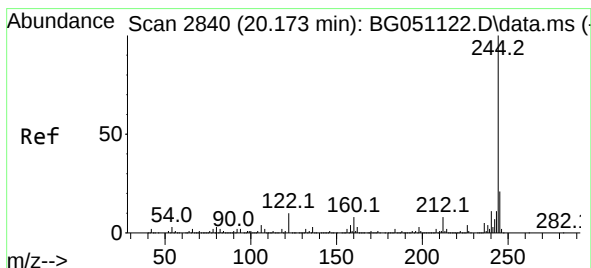
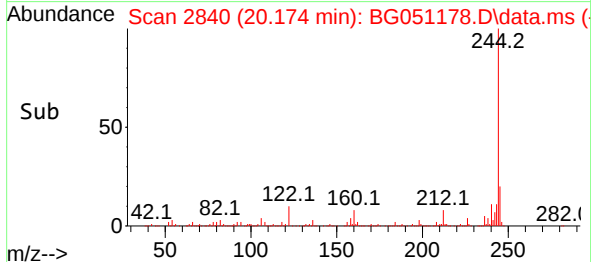
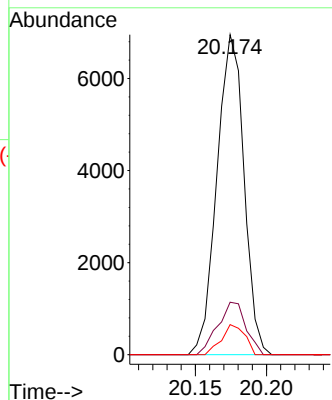
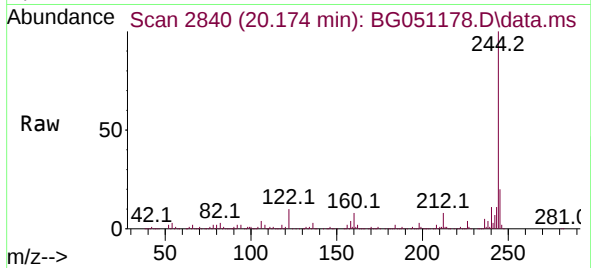




#77
Benzidine
Concen: 3.028 ng
RT: 20.174 min Scan# 21
Delta R.T. 0.371 min
Lab File: BG051178.D
Acq: 22 Nov 2021 20:17

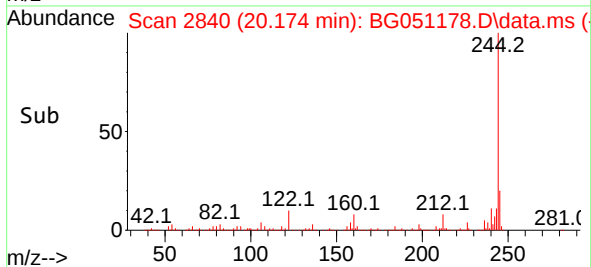
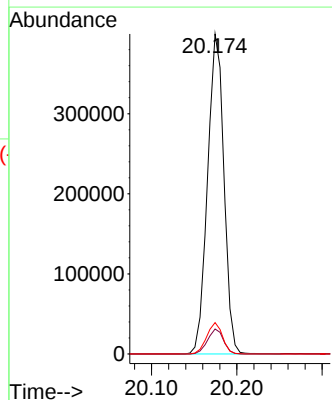
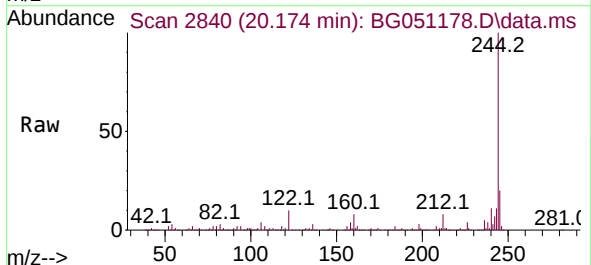
Instrument :
BNA_G
ClientSampleId :
TP-13-COMP

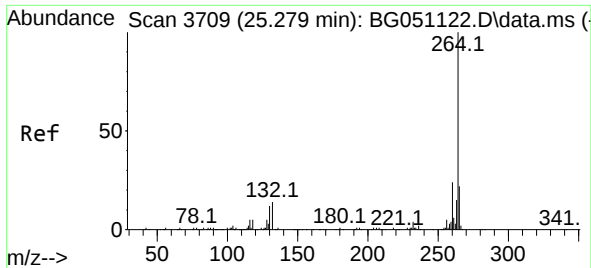
Tgt Ion:184 Resp: 9197
Ion Ratio Lower Upper
184 100
185 16.4 10.7 16.1#
183 9.4 9.4 14.0



#79
Terphenyl-d14
Concen: 52.757 ng
RT: 20.174 min Scan# 2840
Delta R.T. 0.001 min
Lab File: BG051178.D
Acq: 22 Nov 2021 20:17

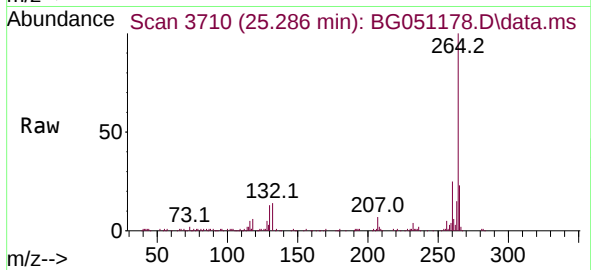
Tgt Ion:244 Resp: 533776
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 9.8 5.0 7.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.286 min Scan# 31
Delta R.T. 0.007 min
Lab File: BG051178.D
Acq: 22 Nov 2021 20:17

Instrument :
BNA_G
ClientSampleId :
TP-13-COMP



Tgt Ion:264 Resp: 181697

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	23.3	16.9	25.3

