

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041122\
 Data File : BG053107.D
 Acq On : 11 Apr 2022 18:52
 Operator : CG/JU
 Sample : N2349-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DEL-5

Quant Time: Apr 12 06:08:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

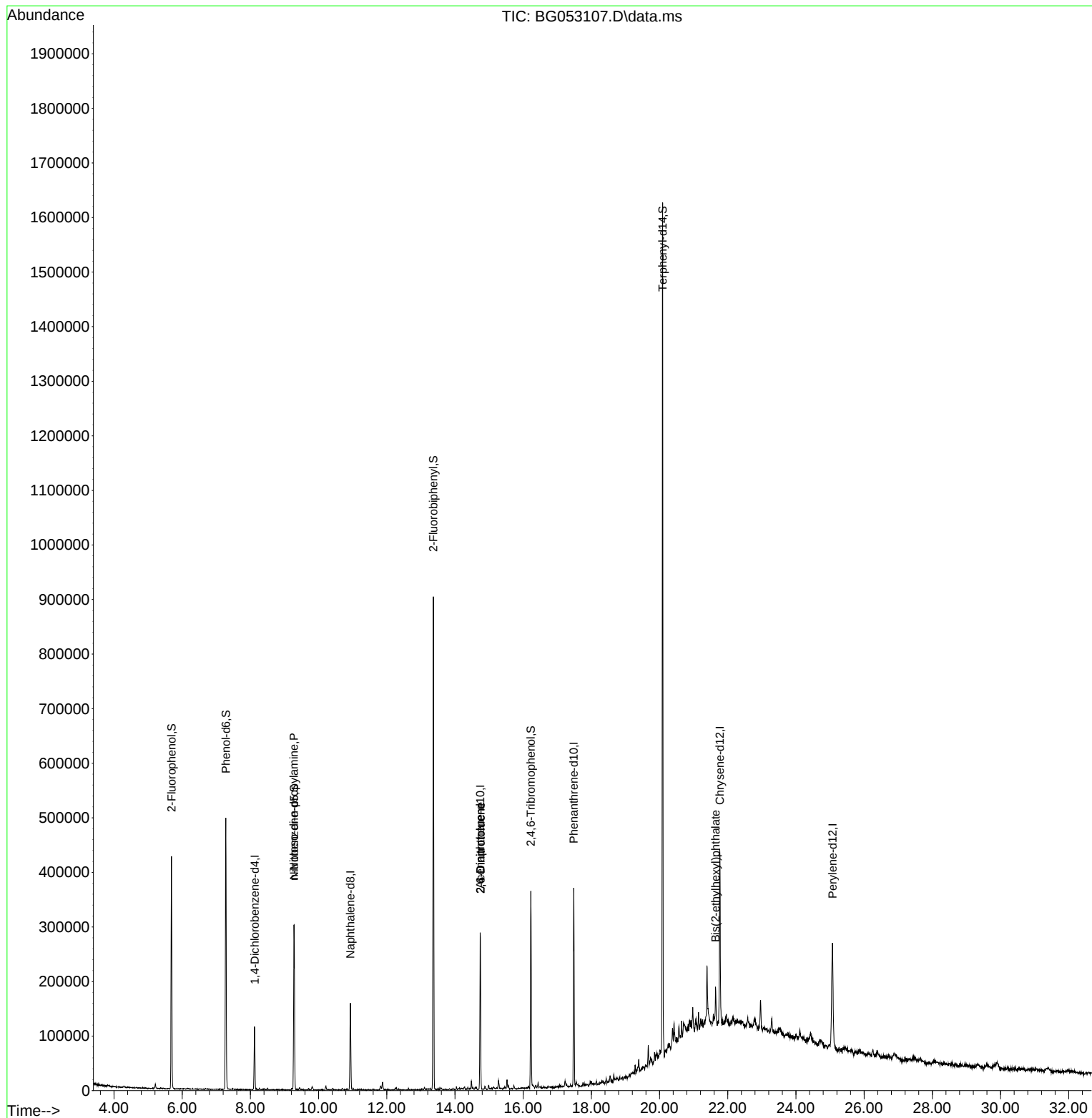
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.124	152	31666	20.000	ng	0.00
21) Naphthalene-d8	10.932	136	133174	20.000	ng	0.00
39) Acenaphthene-d10	14.739	164	103593	20.000	ng	0.00
64) Phenanthrene-d10	17.482	188	235135	20.000	ng	0.00
76) Chrysene-d12	21.765	240	206624	20.000	ng	0.00
86) Perylene-d12	25.072	264	210179	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	171206	92.679	ng	0.00
7) Phenol-d6	7.279	99	275921	96.858	ng	0.00
23) Nitrobenzene-d5	9.282	82	200103	61.009	ng	0.00
42) 2,4,6-Tribromophenol	16.225	330	70505	42.779	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	474286	63.131	ng	0.00
79) Terphenyl-d14	20.091	244	797434	65.181	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.276	70	27697	13.280	ng	Qvalue
51) 2,6-Dinitrotoluene	14.745	165	13375	7.738	ng	# 75
57) 2,4-Dinitrotoluene	14.745	165	13375	5.435	ng	# 25
84) Bis(2-ethylhexyl)phtha...	21.641	149	29315	3.953	ng	# 24
84) Bis(2-ethylhexyl)phtha...	21.641	149	29315	3.953	ng	99

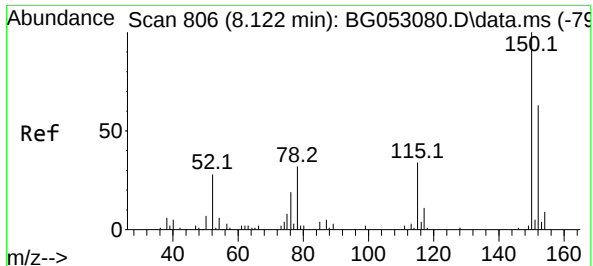
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041122\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

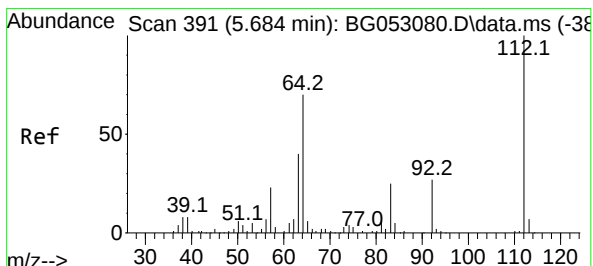
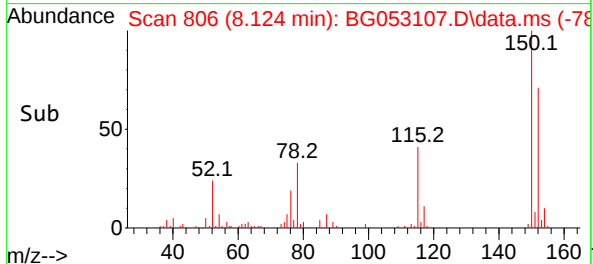
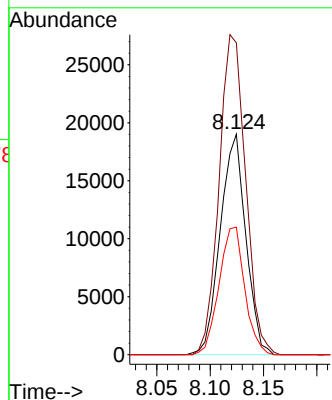
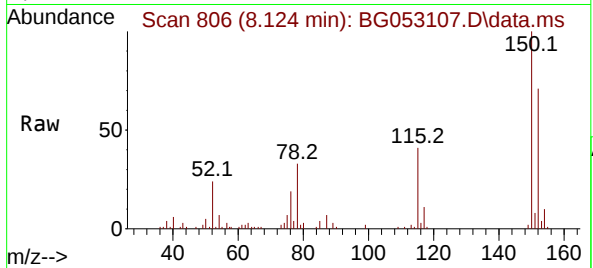




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.124 min Scan# 806
Delta R.T. 0.002 min
Lab File: BG053107.D
Acq: 11 Apr 2022 18:52

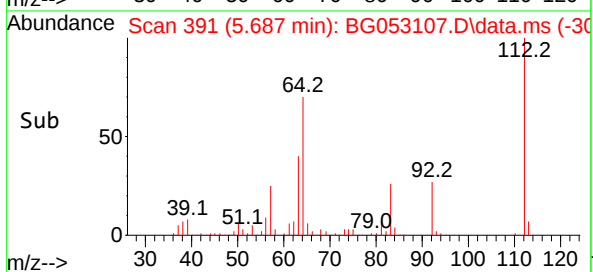
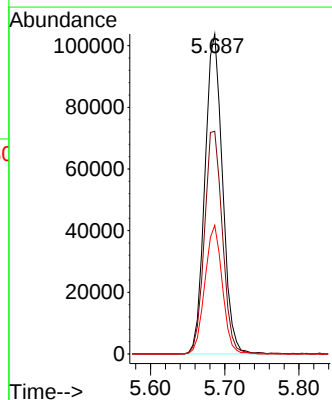
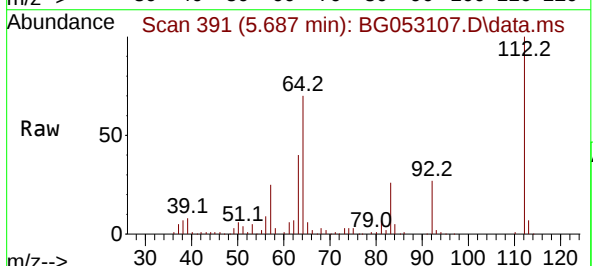
Instrument :
BNA_G
ClientSampleId :
DEL-5

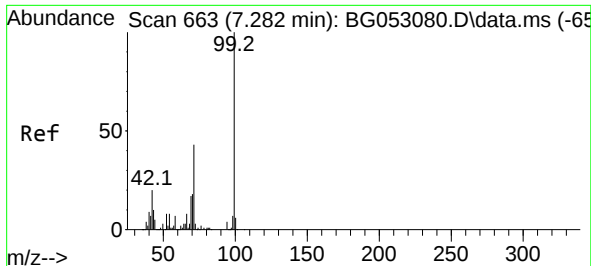
Tgt Ion:152 Resp: 31666
Ion Ratio Lower Upper
152 100
150 141.4 114.6 172.0
115 57.8 45.9 68.9



#5
2-Fluorophenol
Concen: 92.679 ng
RT: 5.687 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG053107.D
Acq: 11 Apr 2022 18:52

Tgt Ion:112 Resp: 171206
Ion Ratio Lower Upper
112 100
64 69.6 48.0 72.0
63 40.2 26.5 39.7#

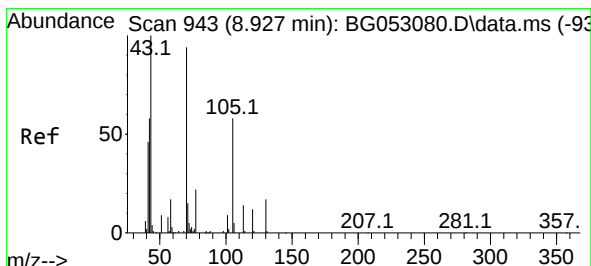
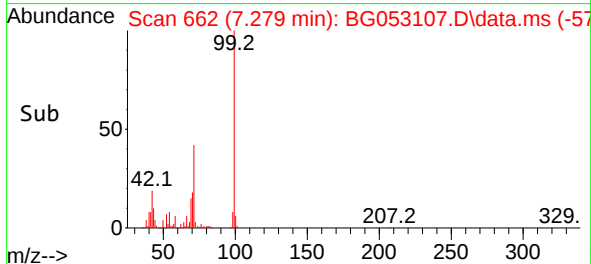
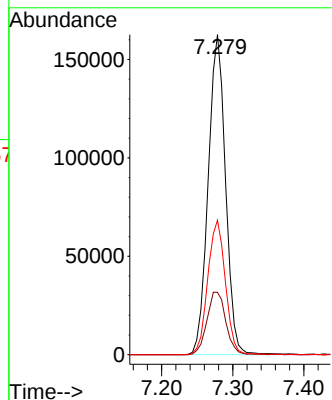
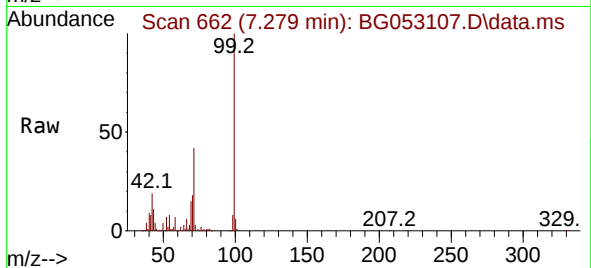




#7
Phenol-d6
Concen: 96.858 ng
RT: 7.279 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053107.D
Acq: 11 Apr 2022 18:52

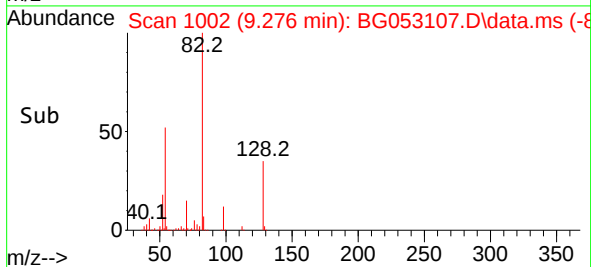
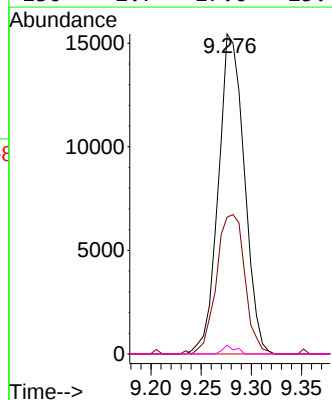
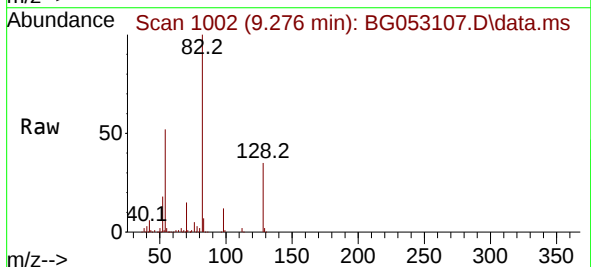
Instrument :
BNA_G
ClientSampleId :
DEL-5

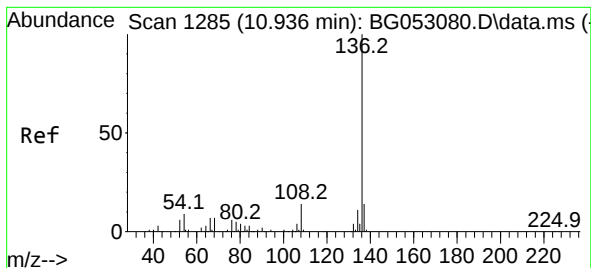
Tgt Ion: 99 Resp: 275921
Ion Ratio Lower Upper
99 100
42 19.5 14.7 22.1
71 42.1 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.280 ng
RT: 9.276 min Scan# 1002
Delta R.T. 0.349 min
Lab File: BG053107.D
Acq: 11 Apr 2022 18:52

Tgt Ion: 70 Resp: 27697
Ion Ratio Lower Upper
70 100
42 42.7 46.0 69.0#
101 0.0 6.2 9.4#
130 2.7 17.0 25.4#

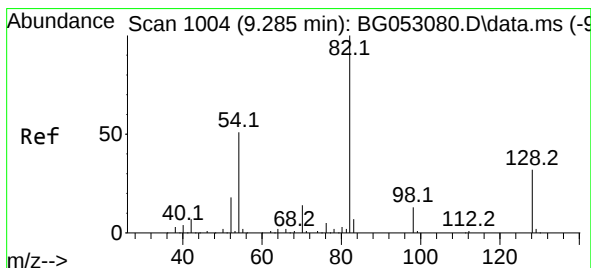
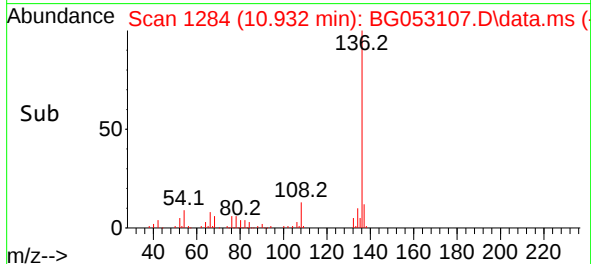
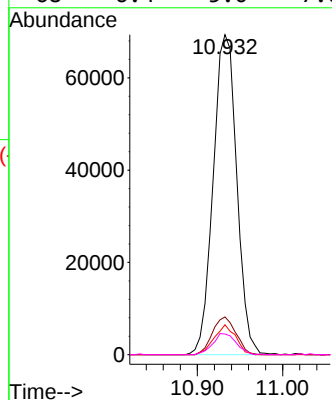
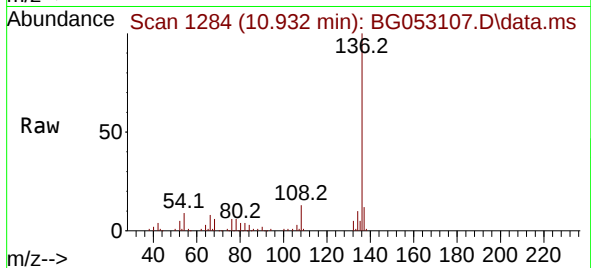




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.932 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG053107.D
Acq: 11 Apr 2022 18:52

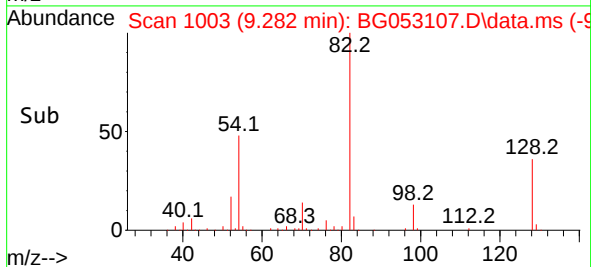
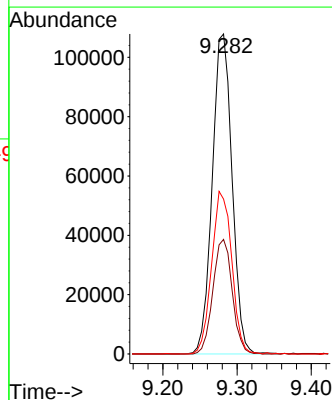
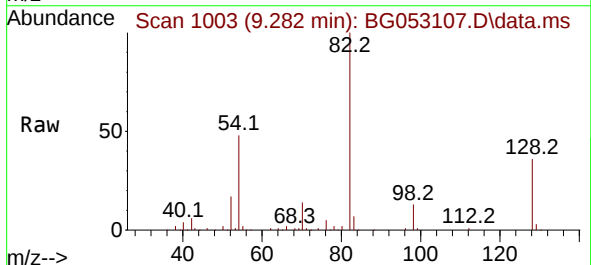
Instrument :
BNA_G
ClientSampleId :
DEL-5

Tgt Ion:136 Resp: 133174
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.2
54 9.3 6.4 9.6
68 6.4 5.0 7.6



#23
Nitrobenzene-d5
Concen: 61.009 ng
RT: 9.282 min Scan# 1003
Delta R.T. -0.003 min
Lab File: BG053107.D
Acq: 11 Apr 2022 18:52

Tgt Ion: 82 Resp: 200103
Ion Ratio Lower Upper
82 100
128 35.8 31.3 46.9
54 48.4 37.8 56.8

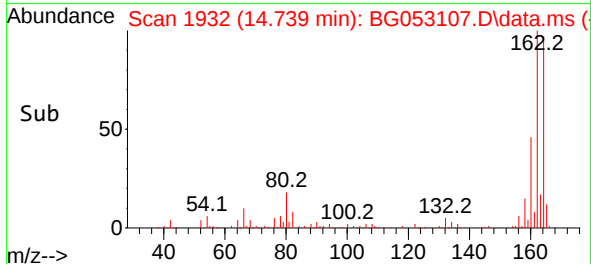
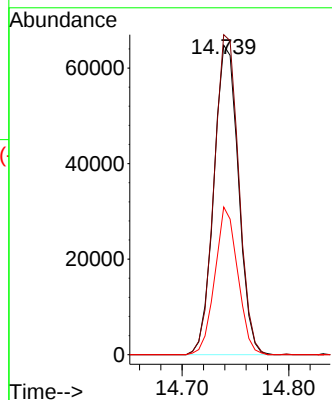
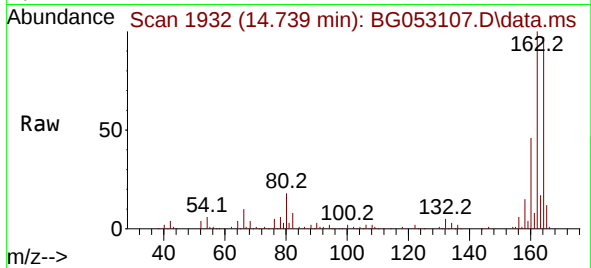




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.739 min Scan# 1932
Delta R.T. -0.009 min
Lab File: BG053107.D
Acq: 11 Apr 2022 18:52

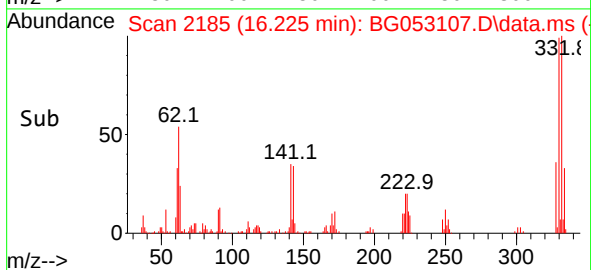
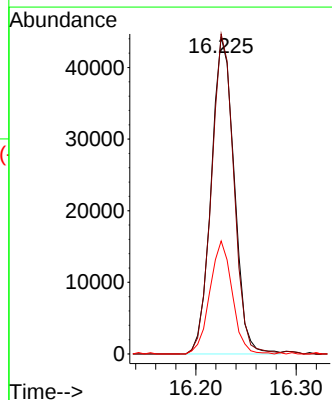
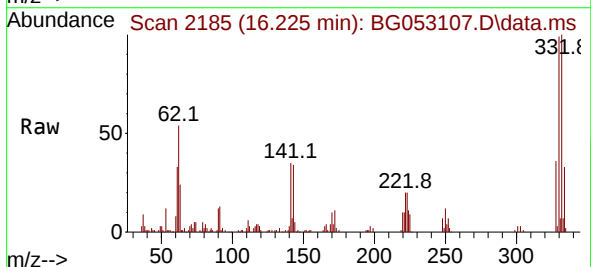
Instrument :
BNA_G
ClientSampleId :
DEL-5

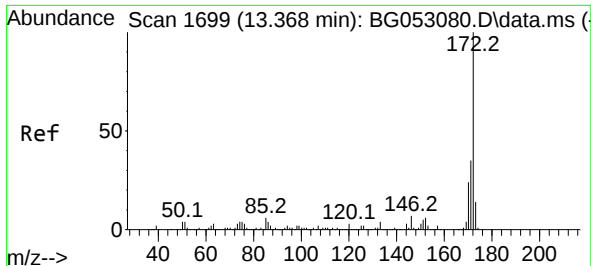
Tgt Ion:164 Resp: 103593
Ion Ratio Lower Upper
164 100
162 103.4 80.0 120.0
160 47.8 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 42.779 ng
RT: 16.225 min Scan# 2185
Delta R.T. -0.009 min
Lab File: BG053107.D
Acq: 11 Apr 2022 18:52

Tgt Ion:330 Resp: 70505
Ion Ratio Lower Upper
330 100
332 98.1 75.8 113.6
141 34.7 24.6 36.8

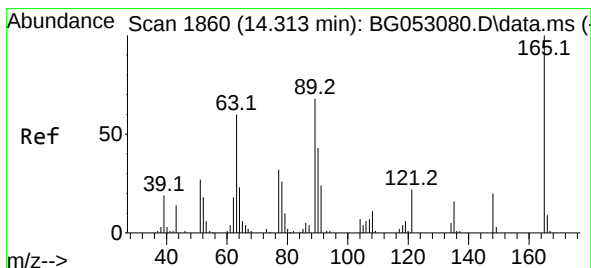
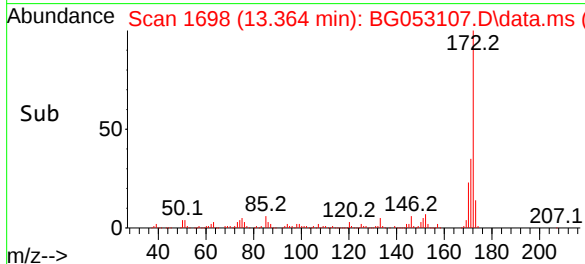
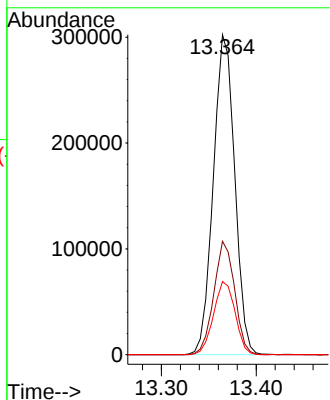
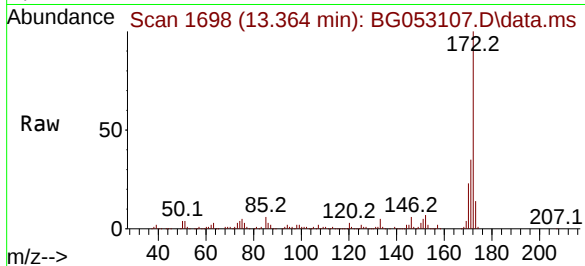




#45
2-Fluorobiphenyl
Concen: 63.131 ng
RT: 13.364 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053107.D
Acq: 11 Apr 2022 18:52

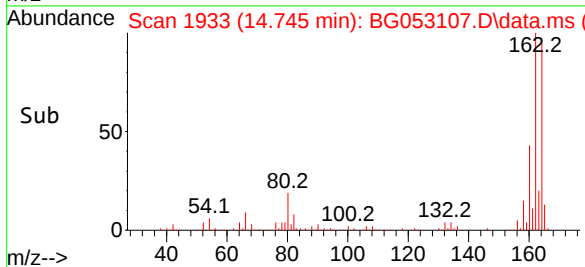
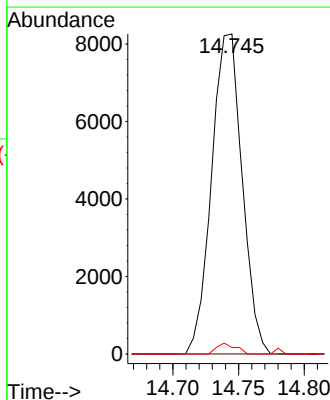
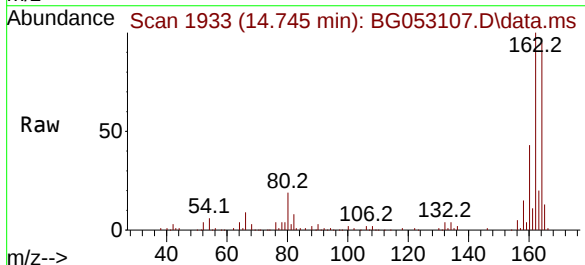
Instrument :
BNA_G
ClientSampleId :
DEL-5

Tgt Ion:172 Resp: 474286
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 22.9 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.738 ng
RT: 14.745 min Scan# 1933
Delta R.T. 0.431 min
Lab File: BG053107.D
Acq: 11 Apr 2022 18:52

Tgt Ion:165 Resp: 13375
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 2.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.435 ng

RT: 14.745 min Scan# 1994

Delta R.T. -0.356 min

Lab File: BG053107.D

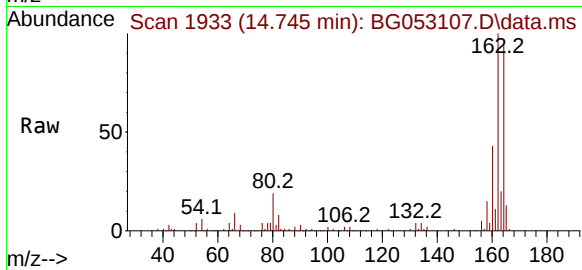
Acq: 11 Apr 2022 18:52

Instrument :

BNA_G

ClientSampleId :

DEL-5



Tgt Ion:165 Resp: 13375

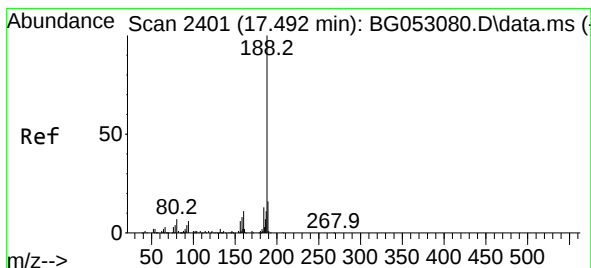
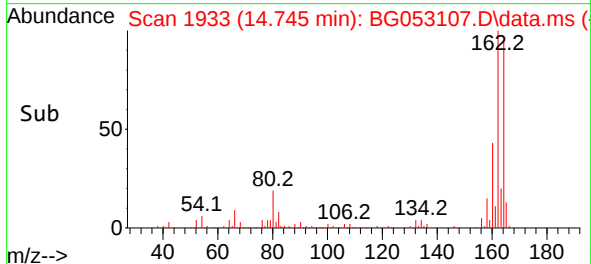
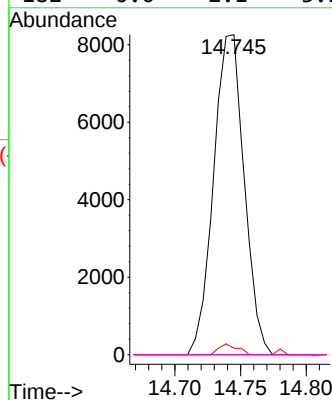
Ion Ratio Lower Upper

165 100

63 0.0 34.8 52.2#

89 2.0 57.4 86.0#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.482 min Scan# 2399

Delta R.T. -0.009 min

Lab File: BG053107.D

Acq: 11 Apr 2022 18:52

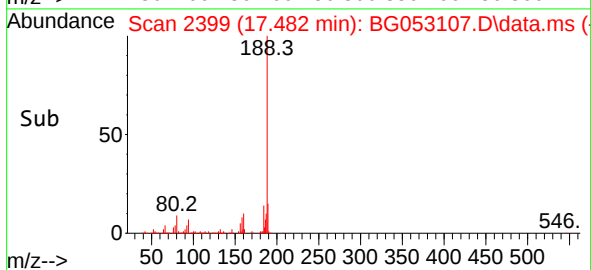
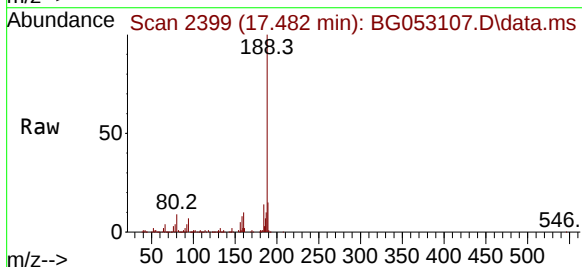
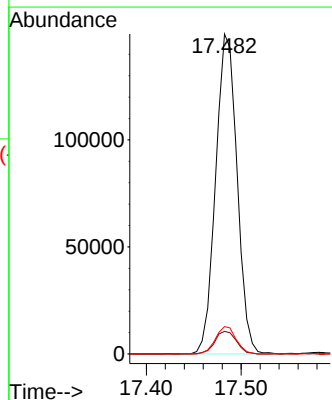
Tgt Ion:188 Resp: 235135

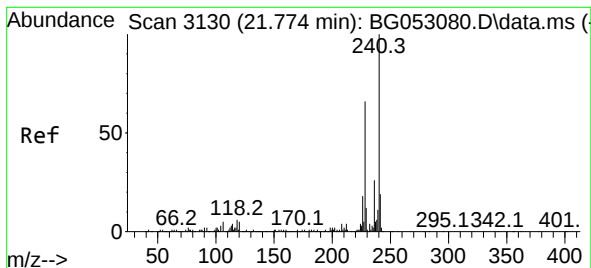
Ion Ratio Lower Upper

188 100

94 7.0 5.7 8.5

80 8.5 7.2 10.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.765 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG053107.D

Acq: 11 Apr 2022 18:52

Instrument :

BNA_G

ClientSampleId :

DEL-5

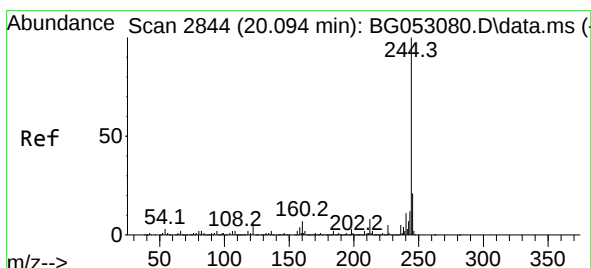
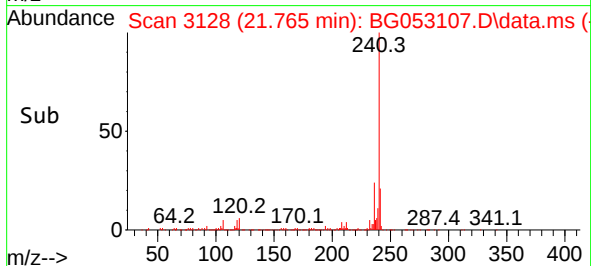
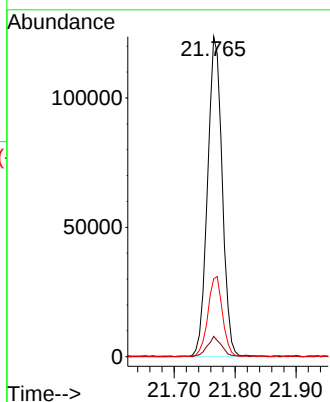
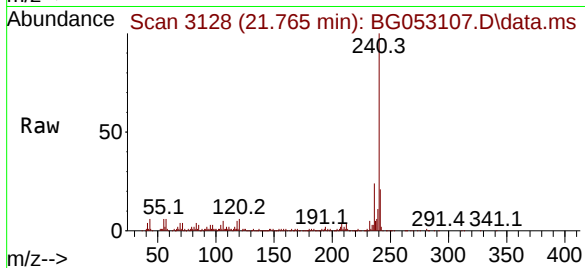
Tgt Ion:240 Resp: 206624

Ion Ratio Lower Upper

240 100

120 6.3 5.4 8.0

236 24.4 19.8 29.6



#79

Terphenyl-d14

Concen: 65.181 ng

RT: 20.091 min Scan# 2843

Delta R.T. -0.003 min

Lab File: BG053107.D

Acq: 11 Apr 2022 18:52

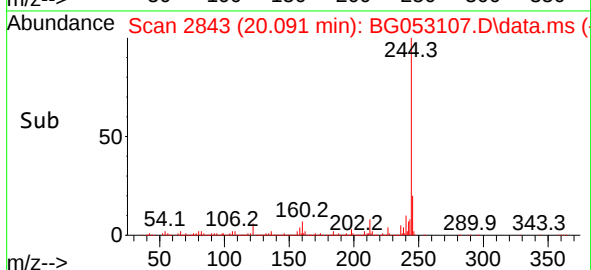
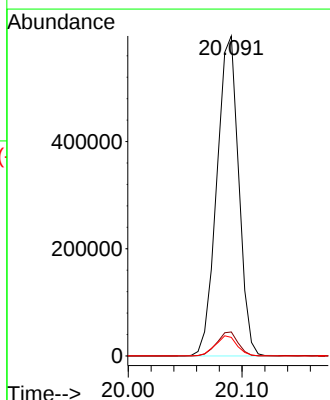
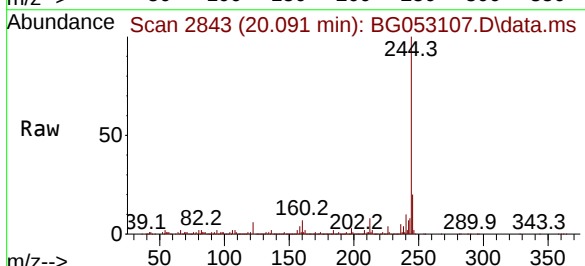
Tgt Ion:244 Resp: 797434

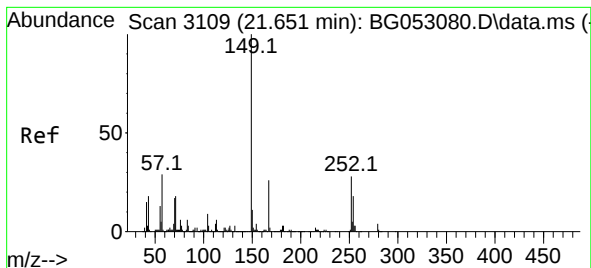
Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.2

122 5.8 5.8 8.6

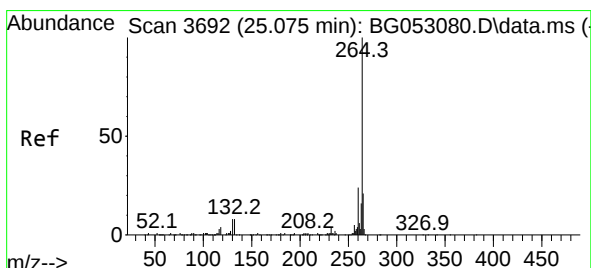
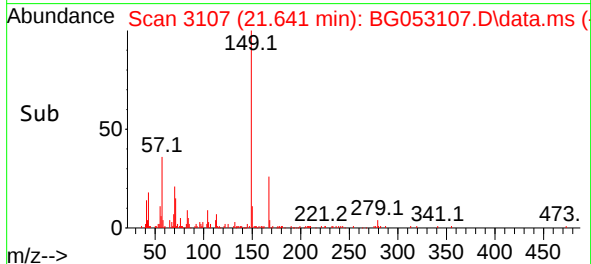
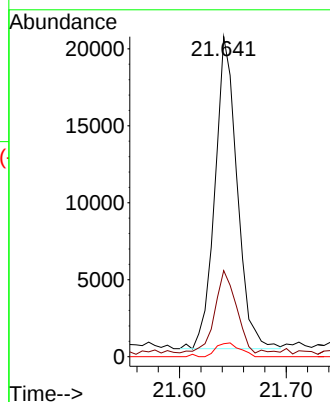
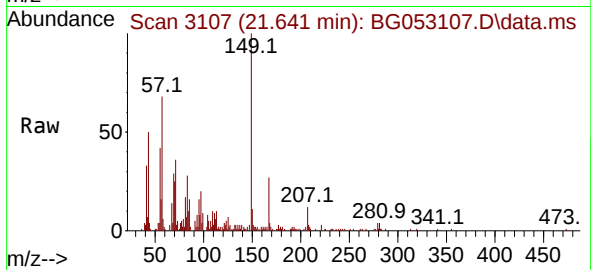




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.953 ng
 RT: 21.641 min Scan# 3109
 Delta R.T. -0.009 min
 Lab File: BG053107.D
 Acq: 11 Apr 2022 18:52

Instrument :
 BNA_G
 ClientSampleId :
 DEL-5

Tgt Ion:149 Resp: 29315
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.4 32.2
 279 4.0 3.8 5.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.072 min Scan# 3691
 Delta R.T. -0.003 min
 Lab File: BG053107.D
 Acq: 11 Apr 2022 18:52

Tgt Ion:264 Resp: 210179
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.2 27.2
 265 21.5 15.1 22.7

