

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
 Data File : BG052808.D
 Acq On : 24 Mar 2022 14:26
 Operator : CG/JU
 Sample : PB143535BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143535BL

Quant Time: Mar 24 16:50:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

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

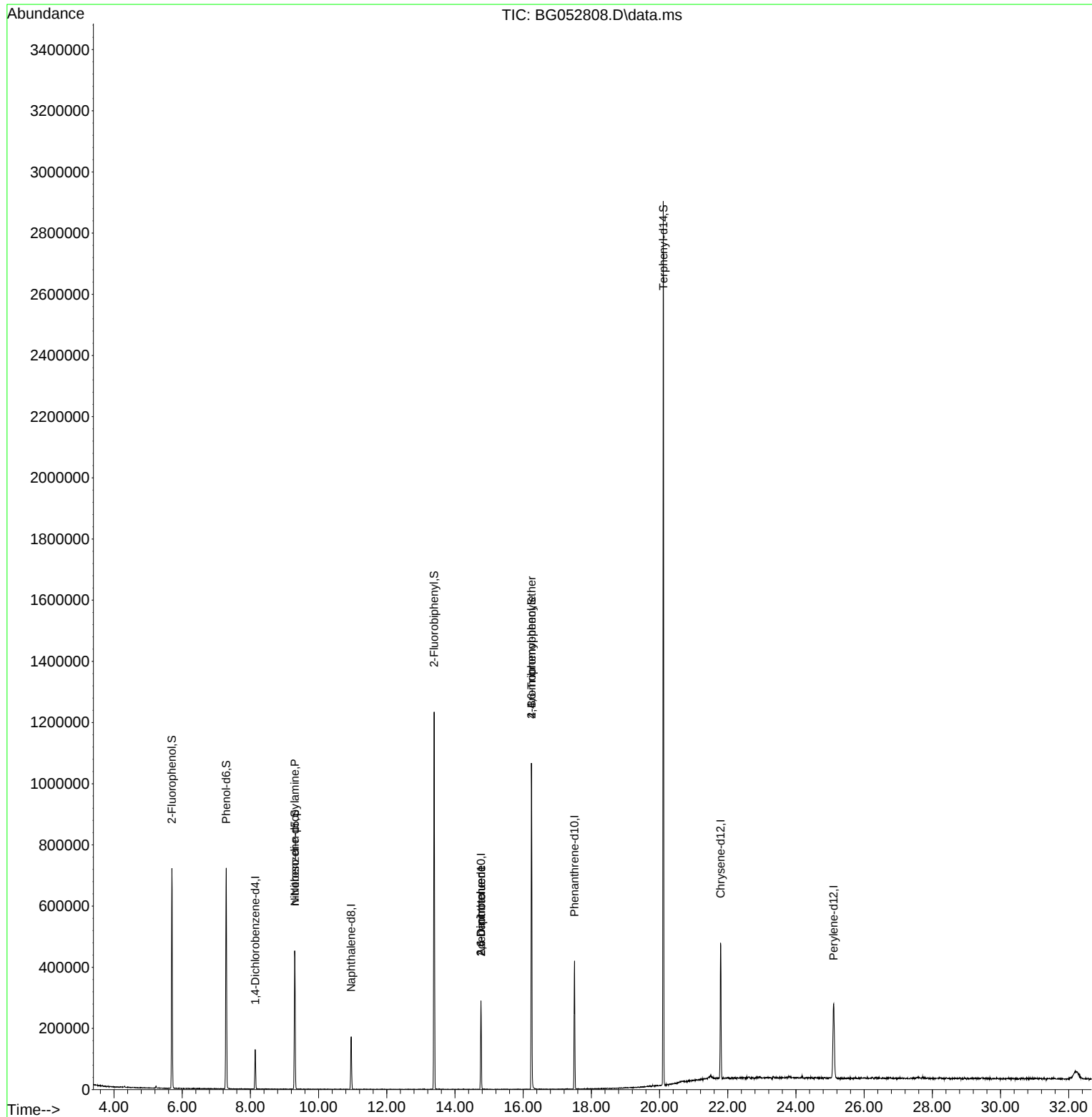
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.142	152	35214	20.000	ng	0.00
21) Naphthalene-d8	10.956	136	140526	20.000	ng	# 0.00
39) Acenaphthene-d10	14.763	164	105859	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	263988	20.000	ng	0.00
76) Chrysene-d12	21.789	240	295260	20.000	ng	0.00
86) Perylene-d12	25.102	264	284035	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	285684	141.285	ng	0.00
7) Phenol-d6	7.291	99	415342	136.248	ng	0.00
23) Nitrobenzene-d5	9.300	82	289808	103.508	ng	0.00
42) 2,4,6-Tribromophenol	16.243	330	213753	150.270	ng	0.00
45) 2-Fluorobiphenyl	13.388	172	663003	92.371	ng	0.00
79) Terphenyl-d14	20.109	244	1444931	87.053	ng	0.00
Target Compounds						
9) Benzaldehyde	7.291	77	947	Below Cal		Qvalue # 5
19) n-Nitroso-di-n-propyla...	9.300	70	40306	18.668	ng	# 74
51) 2,6-Dinitrotoluene	14.763	165	12892	9.705	ng	# 24
57) 2,4-Dinitrotoluene	14.763	165	12892	6.995	ng	# 22
67) 4-Bromophenyl-phenylether	16.243	248	13877	4.360	ng	# 1

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

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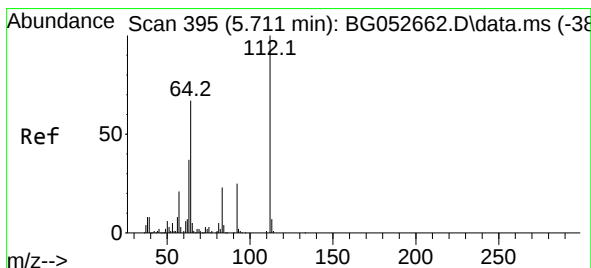
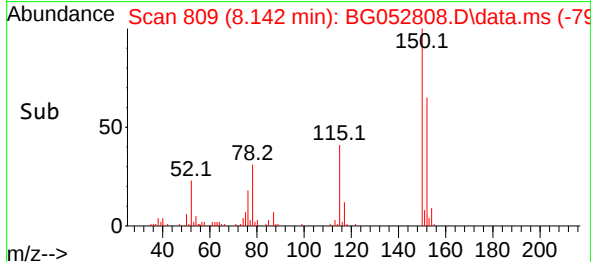
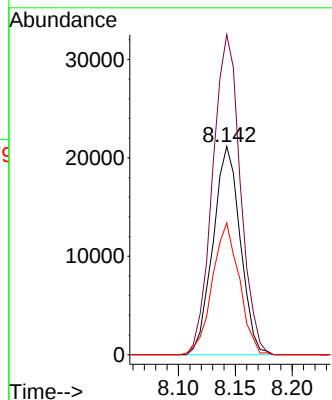
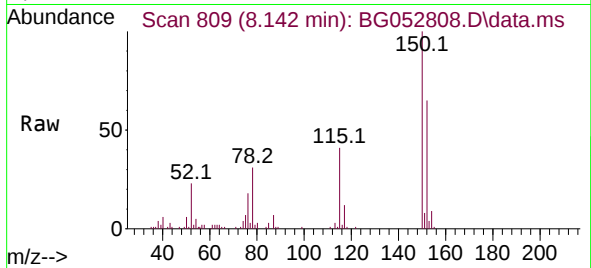




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.142 min Scan# 809
Delta R.T. -0.004 min
Lab File: BG052808.D
Acq: 24 Mar 2022 14:26

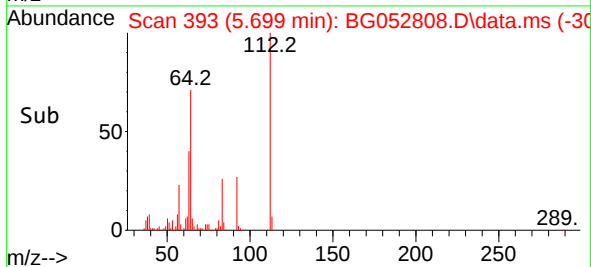
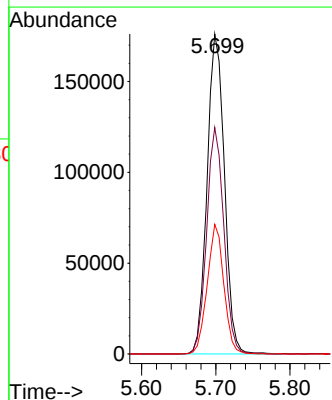
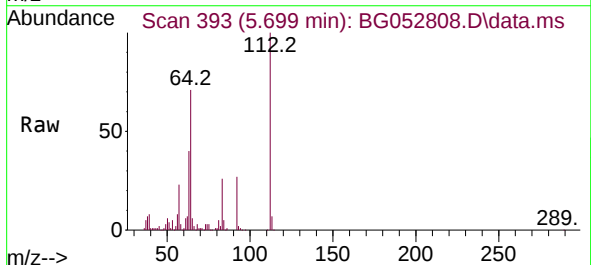
Instrument :
BNA_G
ClientSampleId :
PB143535BL

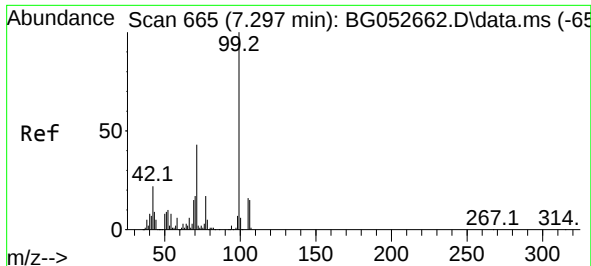
Tgt Ion:152 Resp: 35214
Ion Ratio Lower Upper
152 100
150 153.8 114.6 172.0
115 63.3 45.9 68.9



#5
2-Fluorophenol
Concen: 141.285 ng
RT: 5.699 min Scan# 393
Delta R.T. 0.002 min
Lab File: BG052808.D
Acq: 24 Mar 2022 14:26

Tgt Ion:112 Resp: 285684
Ion Ratio Lower Upper
112 100
64 70.8 48.0 72.0
63 40.5 26.5 39.7#

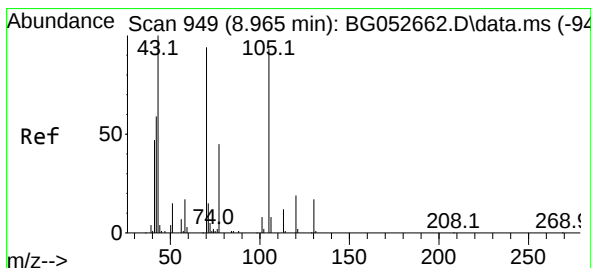
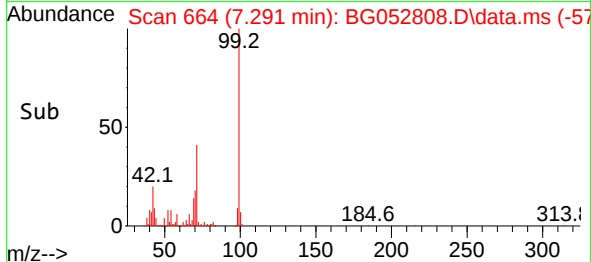
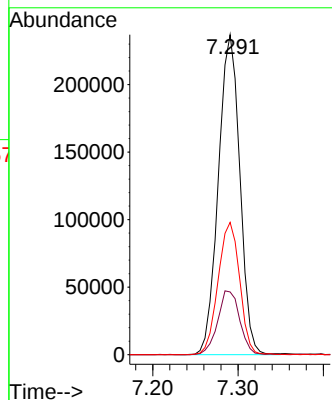
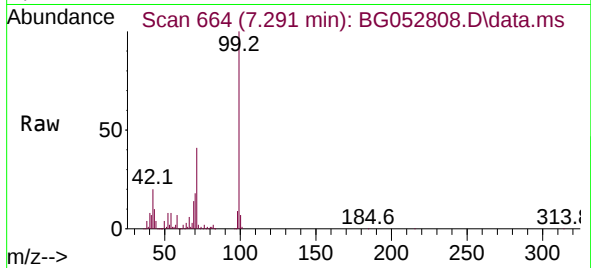




#7
Phenol-d6
Concen: 136.248 ng
RT: 7.291 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG052808.D
Acq: 24 Mar 2022 14:26

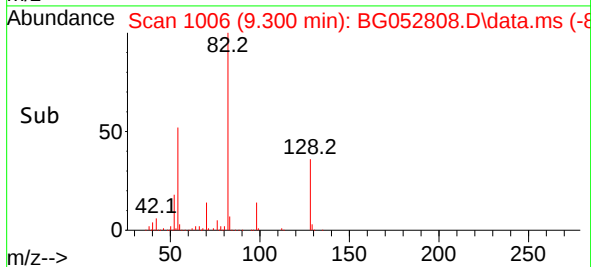
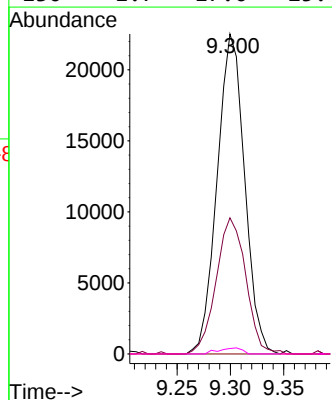
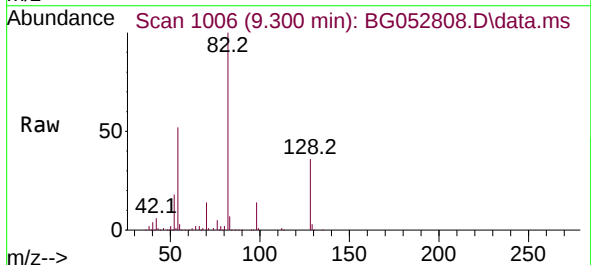
Instrument :
BNA_G
ClientSampleId :
PB143535BL

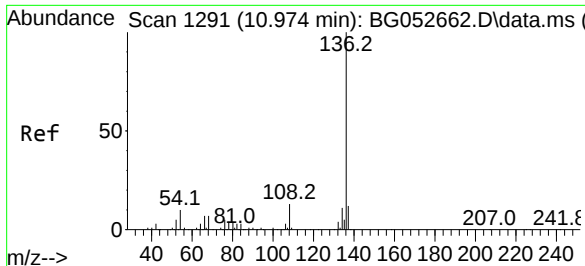
Tgt Ion: 99 Resp: 415342
Ion Ratio Lower Upper
99 100
42 19.6 14.7 22.1
71 41.3 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.668 ng
RT: 9.300 min Scan# 1006
Delta R.T. 0.355 min
Lab File: BG052808.D
Acq: 24 Mar 2022 14:26

Tgt Ion: 70 Resp: 40306
Ion Ratio Lower Upper
70 100
42 42.6 46.0 69.0#
101 0.0 6.2 9.4#
130 1.7 17.0 25.4#

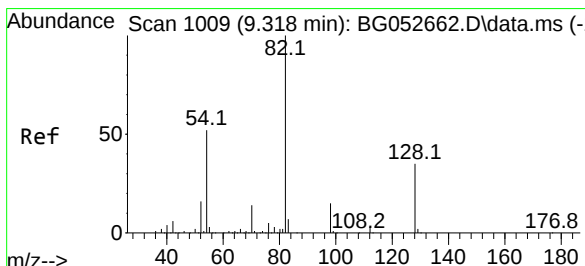
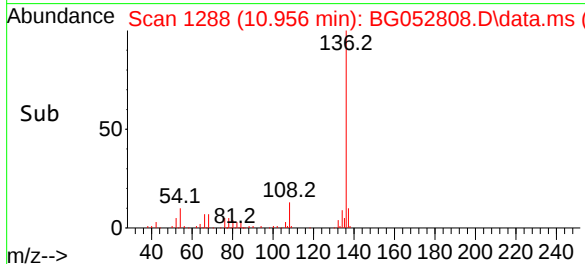
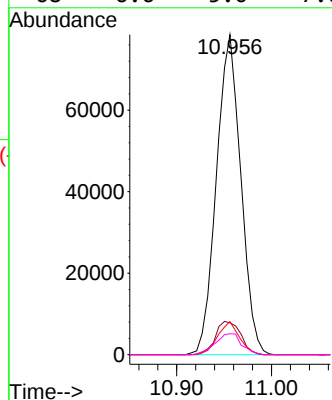
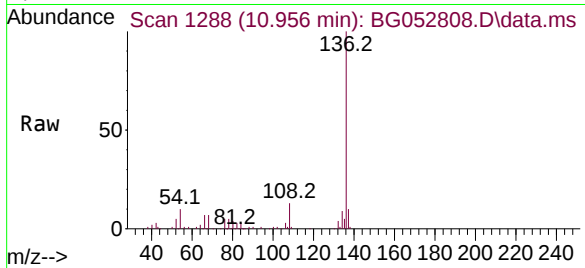




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.956 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG052808.D
Acq: 24 Mar 2022 14:26

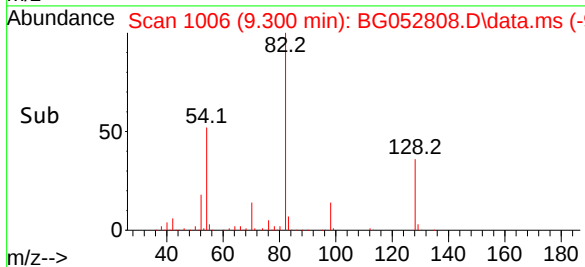
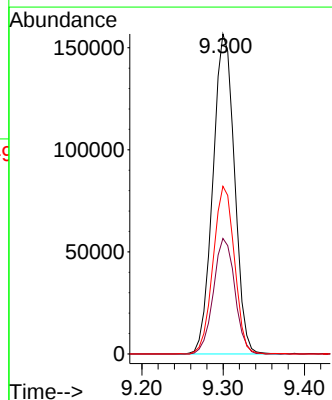
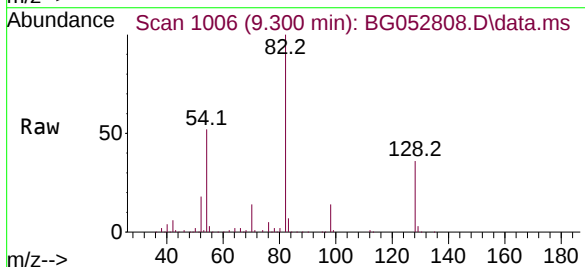
Instrument :
BNA_G
ClientSampleId :
PB143535BL

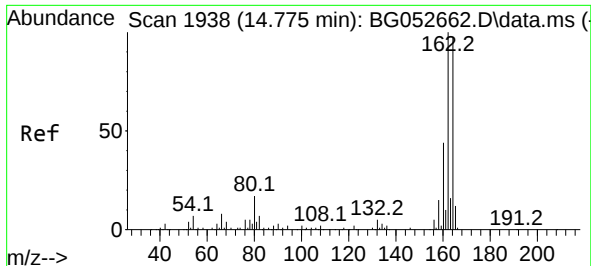
Tgt Ion:136 Resp: 140526
Ion Ratio Lower Upper
136 100
137 9.9 9.4 14.2
54 10.4 6.4 9.6#
68 6.6 5.0 7.6



#23
Nitrobenzene-d5
Concen: 103.508 ng
RT: 9.300 min Scan# 1006
Delta R.T. -0.004 min
Lab File: BG052808.D
Acq: 24 Mar 2022 14:26

Tgt Ion: 82 Resp: 289808
Ion Ratio Lower Upper
82 100
128 36.1 31.3 46.9
54 52.4 37.8 56.8

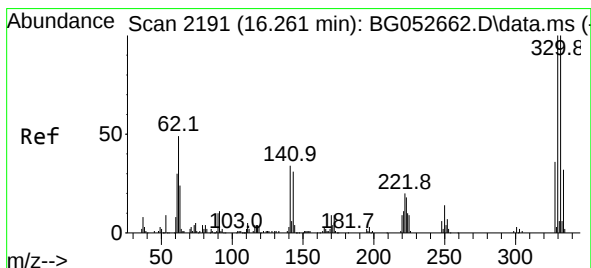
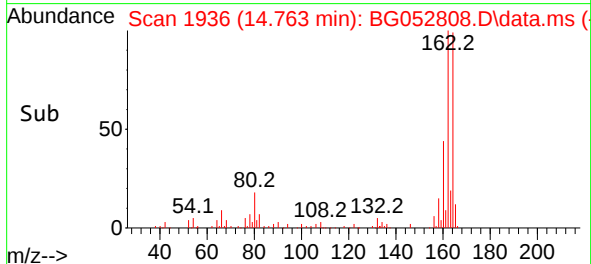
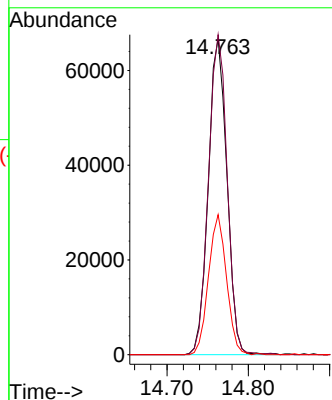
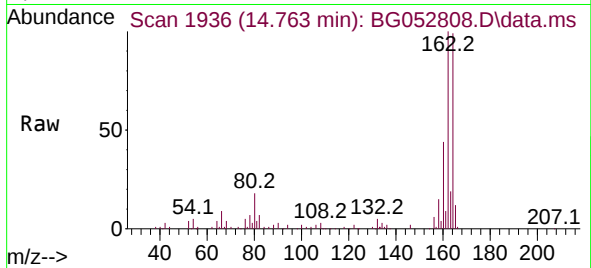




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.763 min Scan# 1936
Delta R.T. -0.004 min
Lab File: BG052808.D
Acq: 24 Mar 2022 14:26

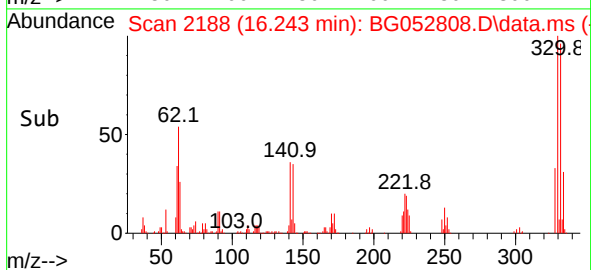
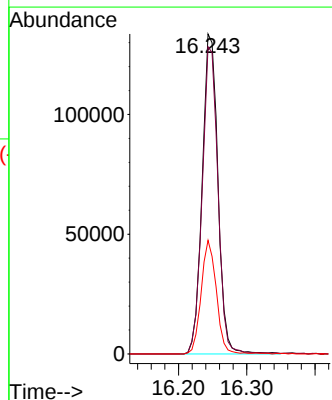
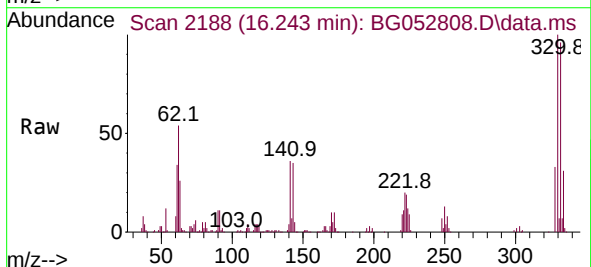
Instrument :
BNA_G
ClientSampleId :
PB143535BL

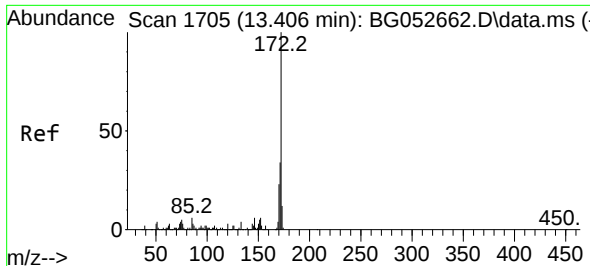
Tgt Ion:164 Resp: 105859
Ion Ratio Lower Upper
164 100
162 101.4 80.0 120.0
160 44.3 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 150.270 ng
RT: 16.243 min Scan# 2188
Delta R.T. -0.004 min
Lab File: BG052808.D
Acq: 24 Mar 2022 14:26

Tgt Ion:330 Resp: 213753
Ion Ratio Lower Upper
330 100
332 96.2 75.8 113.6
141 34.2 24.6 36.8

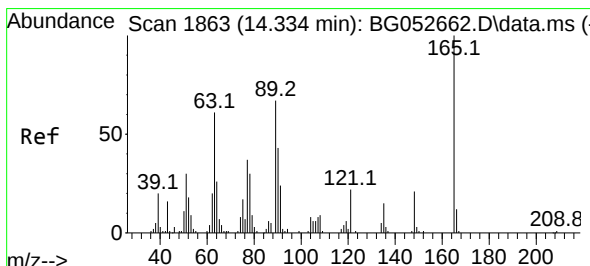
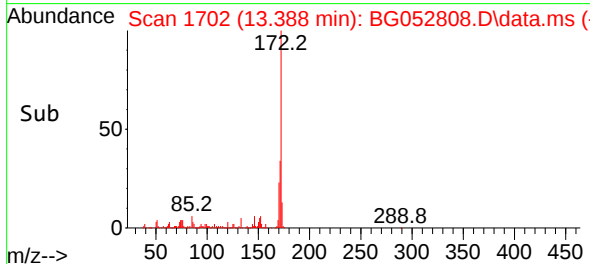
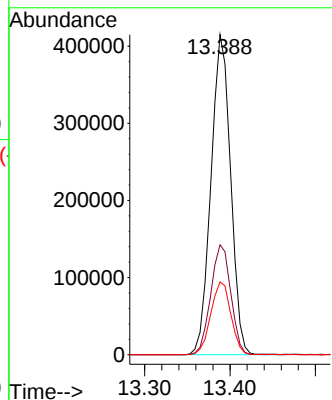
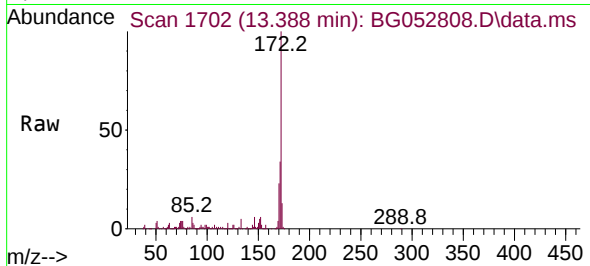




#45
2-Fluorobiphenyl
Concen: 92.371 ng
RT: 13.388 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG052808.D
Acq: 24 Mar 2022 14:26

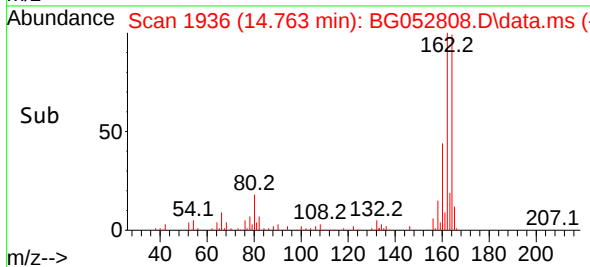
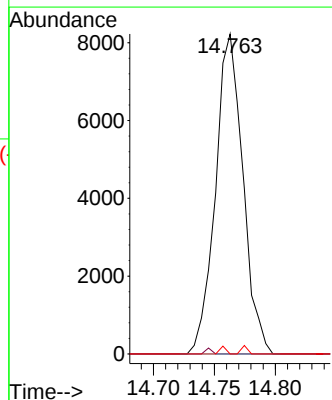
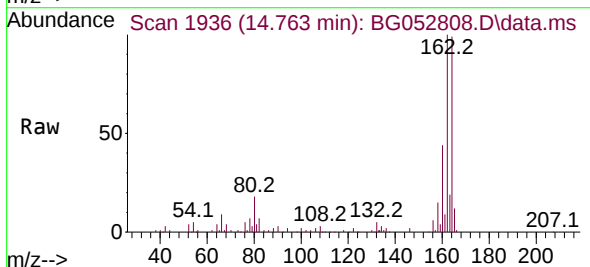
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ClientSampleId :
PB143535BL

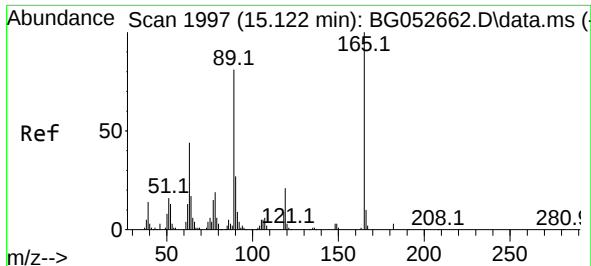
Tgt Ion:172 Resp: 663003
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 22.7 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 9.705 ng
RT: 14.763 min Scan# 1936
Delta R.T. 0.437 min
Lab File: BG052808.D
Acq: 24 Mar 2022 14:26

Tgt Ion:165 Resp: 12892
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 6.995 ng

RT: 14.763 min Scan# 1997

Delta R.T. -0.350 min

Lab File: BG052808.D

Acq: 24 Mar 2022 14:26

Instrument :

BNA_G

ClientSampleId :

PB143535BL

Tgt Ion:165 Resp: 12892

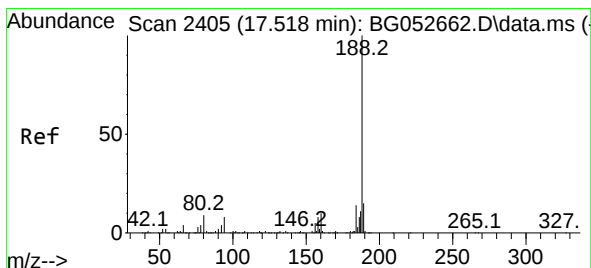
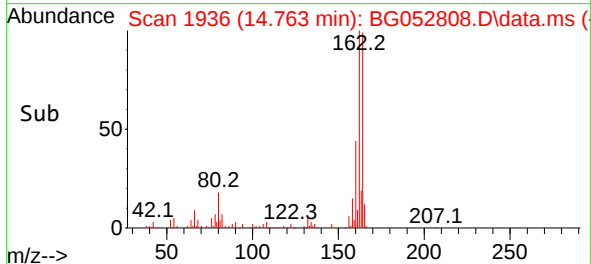
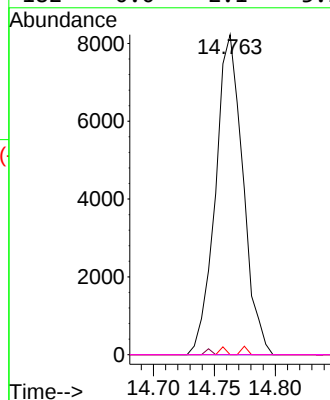
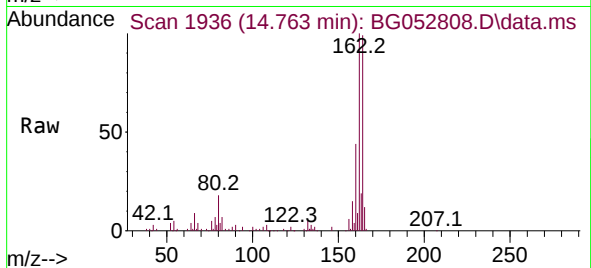
Ion Ratio Lower Upper

165 100

63 0.0 34.8 52.2#

89 0.0 57.4 86.0#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.506 min Scan# 2403

Delta R.T. 0.002 min

Lab File: BG052808.D

Acq: 24 Mar 2022 14:26

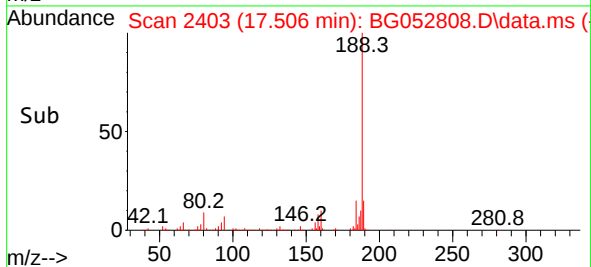
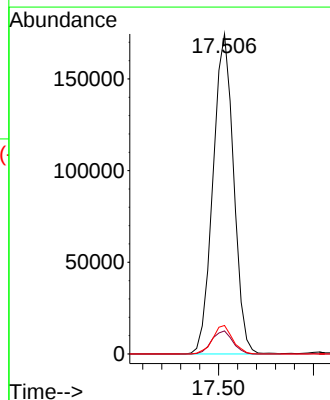
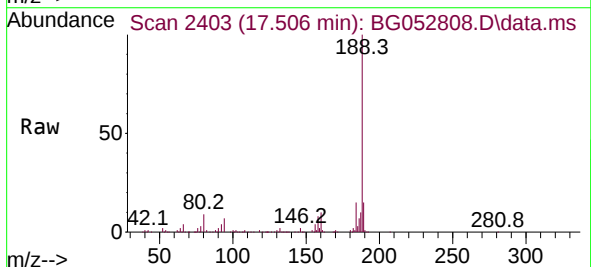
Tgt Ion:188 Resp: 263988

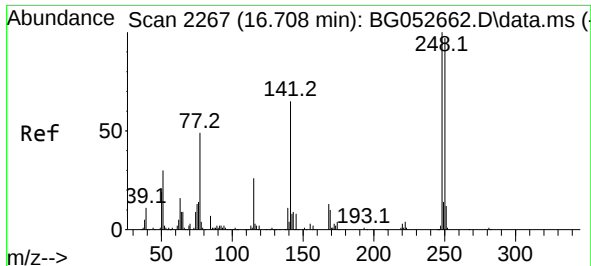
Ion Ratio Lower Upper

188 100

94 7.2 5.7 8.5

80 8.9 7.2 10.8

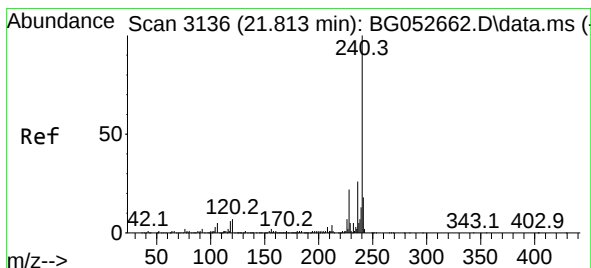
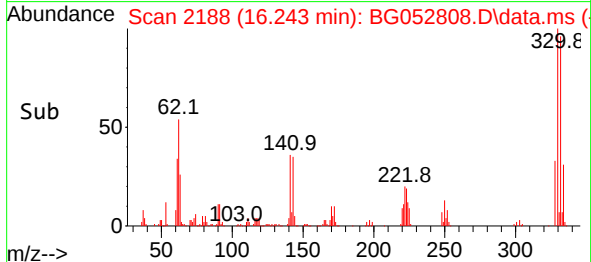
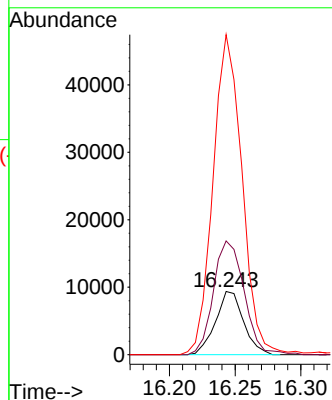
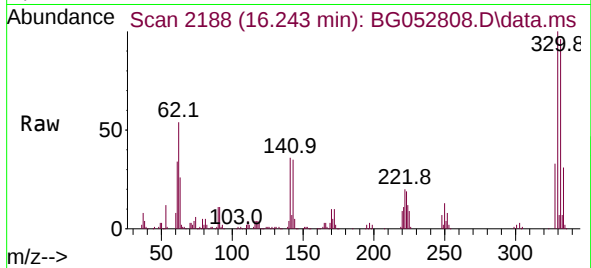




#67
4-Bromophenyl-phenylether
Concen: 4.360 ng
RT: 16.243 min Scan# 2188
Delta R.T. -0.450 min
Lab File: BG052808.D
Acq: 24 Mar 2022 14:26

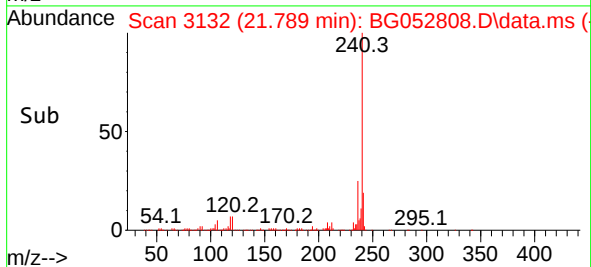
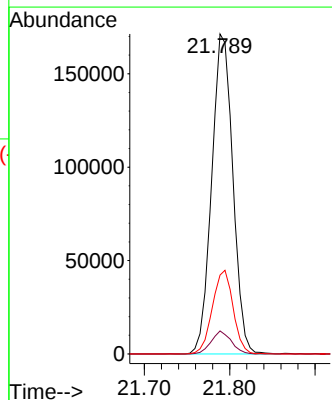
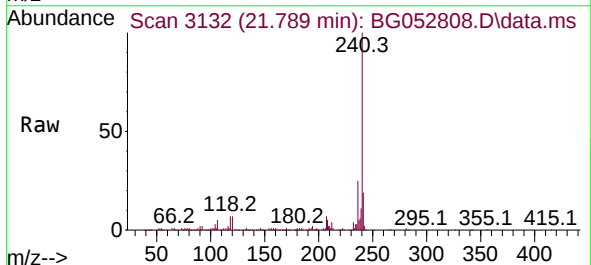
Instrument :
BNA_G
ClientSampleId :
PB143535BL

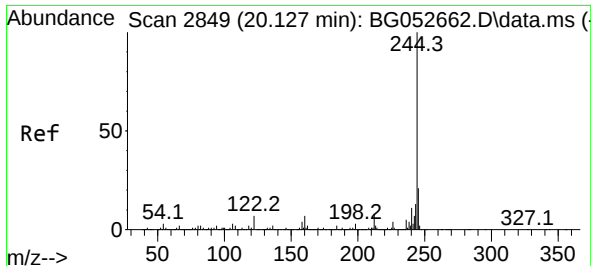
Tgt Ion:248 Resp: 13877
Ion Ratio Lower Upper
248 100
250 180.1 77.9 116.9#
141 506.5 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.789 min Scan# 3132
Delta R.T. -0.010 min
Lab File: BG052808.D
Acq: 24 Mar 2022 14:26

Tgt Ion:240 Resp: 295260
Ion Ratio Lower Upper
240 100
120 7.2 5.4 8.0
236 24.7 19.8 29.6

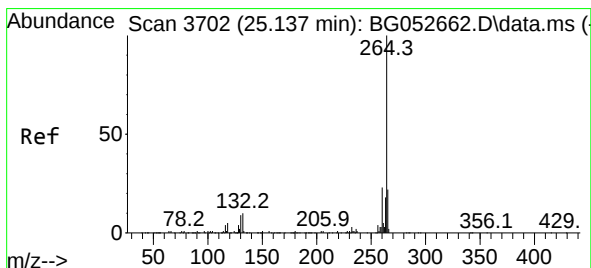
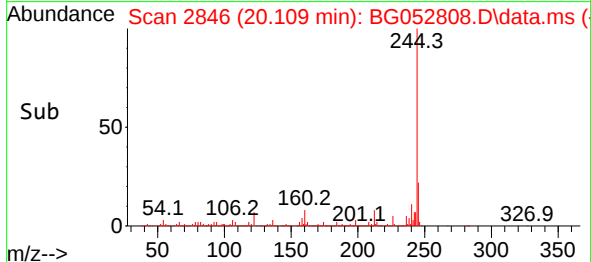
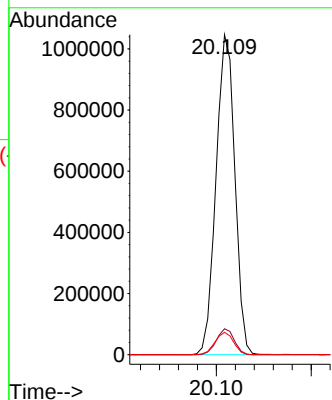
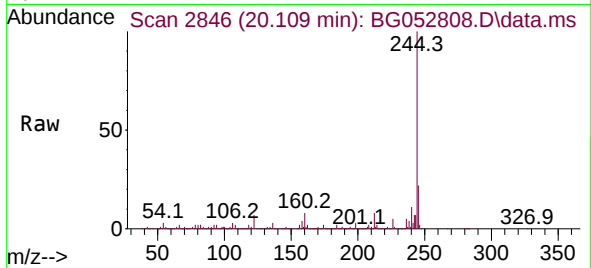




#79
 Terphenyl-d14
 Concen: 87.053 ng
 RT: 20.109 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG052808.D
 Acq: 24 Mar 2022 14:26

Instrument :
 BNA_G
 ClientSampleId :
 PB143535BL

Tgt Ion:244 Resp: 1444931
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.4 8.2
 122 7.0 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.102 min Scan# 3696
 Delta R.T. -0.010 min
 Lab File: BG052808.D
 Acq: 24 Mar 2022 14:26

Tgt Ion:264 Resp: 284035
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.2
 265 20.3 15.1 22.7

