

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
 Data File : BG052809.D
 Acq On : 24 Mar 2022 15:04
 Operator : CG/JU
 Sample : PB143570BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143570BL

Quant Time: Mar 24 16:50:31 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)

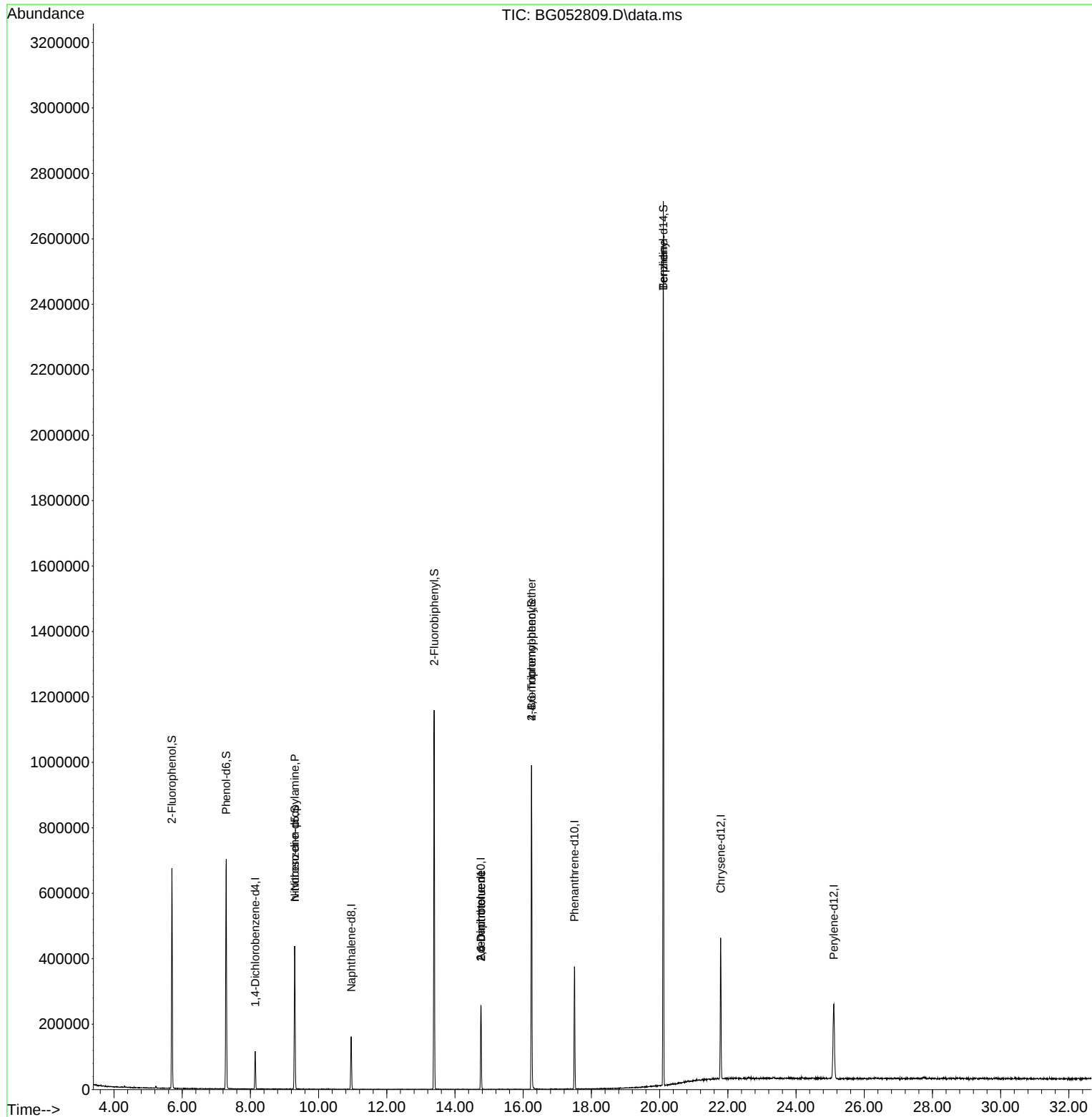
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.144	152	32359	20.000	ng	0.00
21) Naphthalene-d8	10.957	136	129925	20.000	ng	# 0.00
39) Acenaphthene-d10	14.758	164	97827	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	236713	20.000	ng	0.00
76) Chrysene-d12	21.790	240	271146	20.000	ng	0.00
86) Perylene-d12	25.109	264	265409	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.700	112	266488	143.420	ng	0.00
7) Phenol-d6	7.292	99	387489	138.326	ng	0.00
23) Nitrobenzene-d5	9.301	82	272552	105.287	ng	0.00
42) 2,4,6-Tribromophenol	16.244	330	189782	144.372	ng	0.00
45) 2-Fluorobiphenyl	13.389	172	607296	91.556	ng	0.00
79) Terphenyl-d14	20.110	244	1332309	87.406	ng	0.00
Target Compounds						
9) Benzaldehyde	7.286	77	987	Below Cal		Qvalue # 5
19) n-Nitroso-di-n-propyla...	9.301	70	37717	19.010	ng	# 77
51) 2,6-Dinitrotoluene	14.764	165	12590	10.256	ng	# 25
57) 2,4-Dinitrotoluene	14.764	165	12590	7.392	ng	# 24
67) 4-Bromophenyl-phenylether	16.244	248	12776	4.477	ng	# 1
77) Benzidine	20.110	184	23787	3.401	ng	# 91

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

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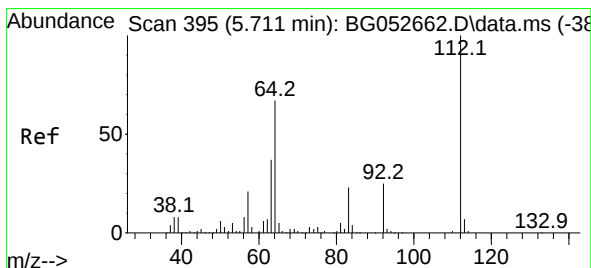
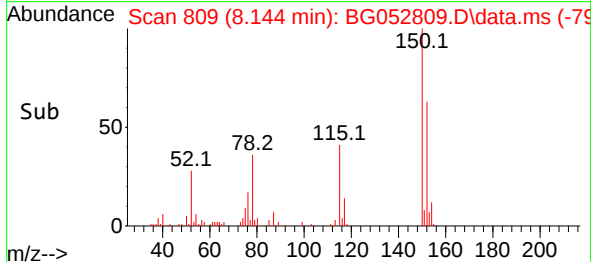
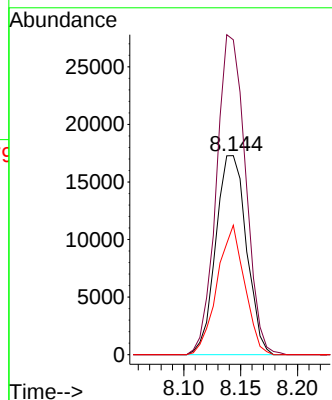
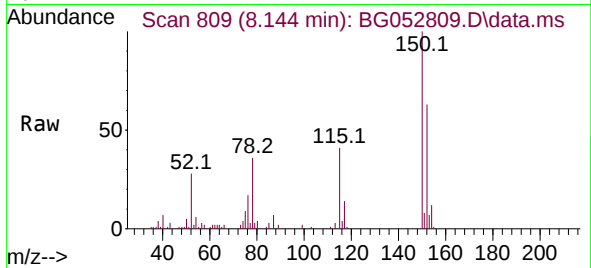




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.144 min Scan# 809
Delta R.T. -0.002 min
Lab File: BG052809.D
Acq: 24 Mar 2022 15:04

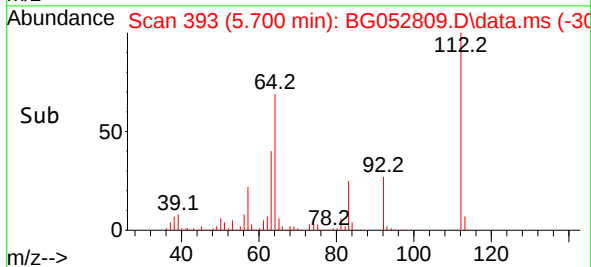
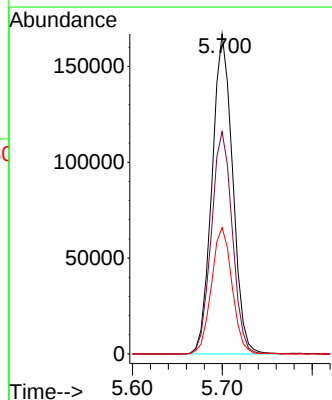
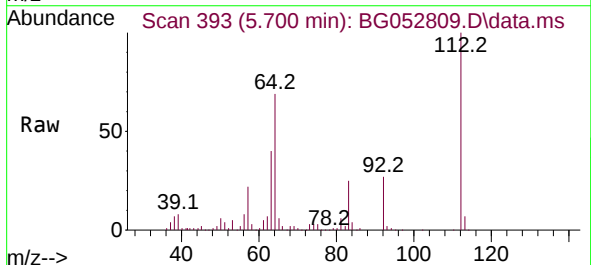
Instrument :
BNA_G
ClientSampleId :
PB143570BL

Tgt Ion:152 Resp: 32359
Ion Ratio Lower Upper
152 100
150 158.2 114.6 172.0
115 65.0 45.9 68.9



#5
2-Fluorophenol
Concen: 143.420 ng
RT: 5.700 min Scan# 393
Delta R.T. 0.003 min
Lab File: BG052809.D
Acq: 24 Mar 2022 15:04

Tgt Ion:112 Resp: 266488
Ion Ratio Lower Upper
112 100
64 69.4 48.0 72.0
63 39.5 26.5 39.7

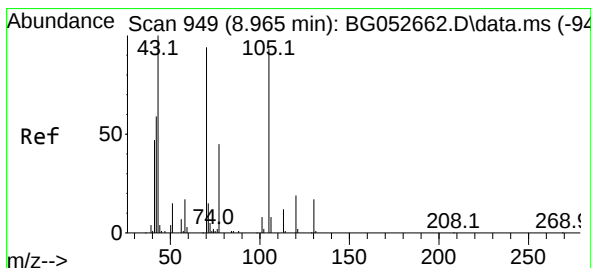
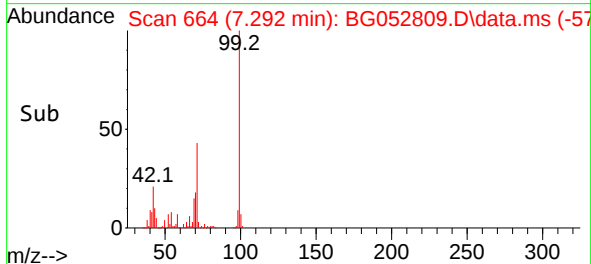
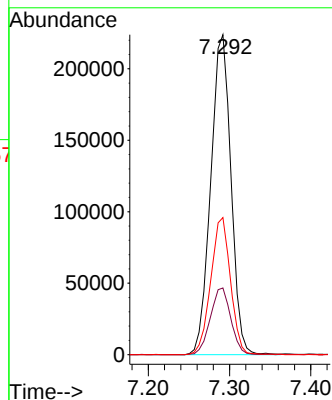
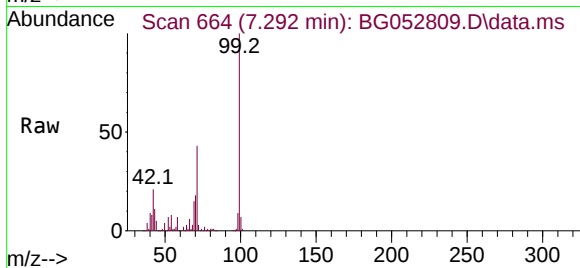




#7
Phenol-d6
Concen: 138.326 ng
RT: 7.292 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG052809.D
Acq: 24 Mar 2022 15:04

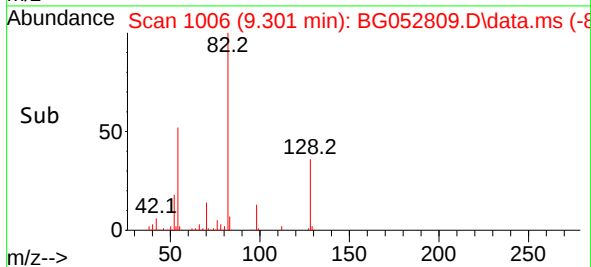
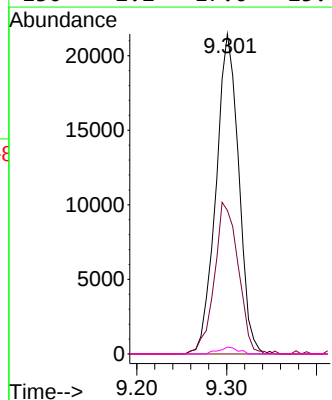
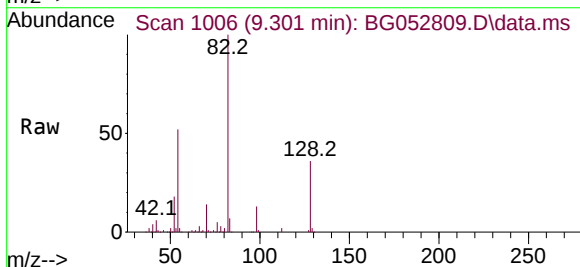
Instrument :
BNA_G
ClientSampleId :
PB143570BL

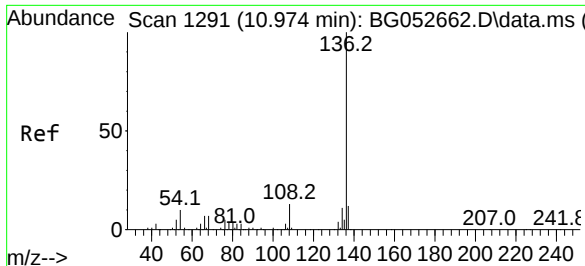
Tgt Ion: 99 Resp: 387489
Ion Ratio Lower Upper
99 100
42 20.8 14.7 22.1
71 42.8 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.010 ng
RT: 9.301 min Scan# 1006
Delta R.T. 0.356 min
Lab File: BG052809.D
Acq: 24 Mar 2022 15:04

Tgt Ion: 70 Resp: 37717
Ion Ratio Lower Upper
70 100
42 44.9 46.0 69.0#
101 0.0 6.2 9.4#
130 2.2 17.0 25.4#

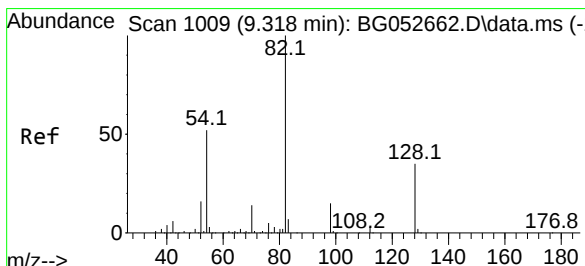
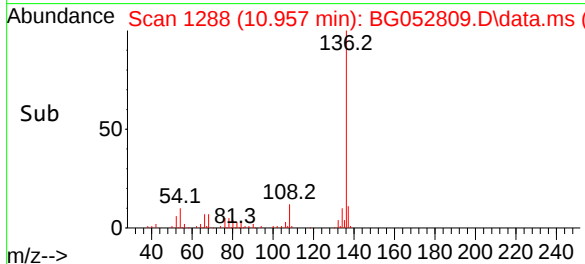
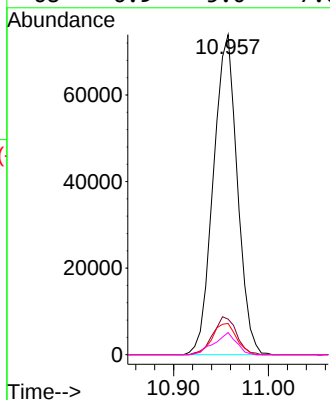
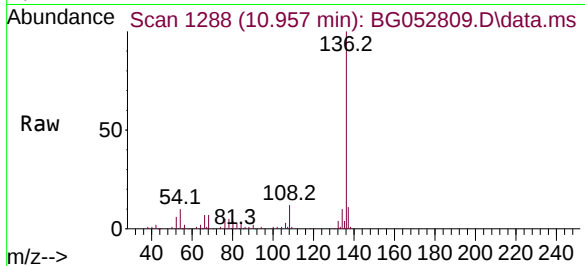




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.957 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG052809.D
Acq: 24 Mar 2022 15:04

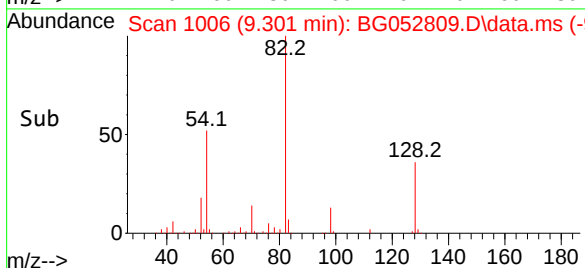
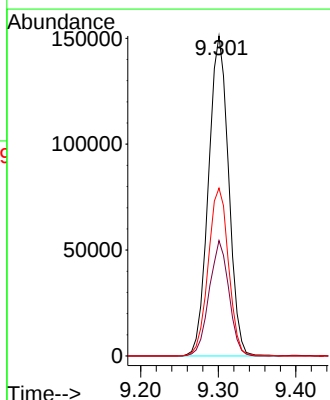
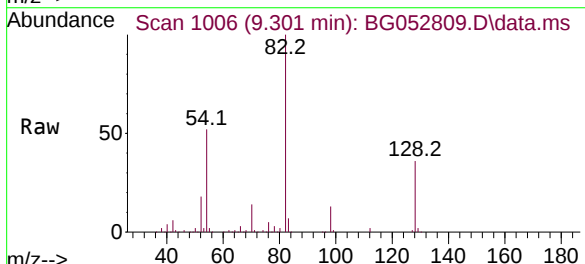
Instrument :
BNA_G
ClientSampleId :
PB143570BL

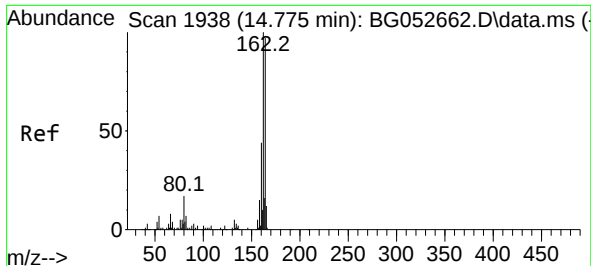
Tgt Ion:136 Resp: 129925
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.2
54 9.7 6.4 9.6#
68 6.9 5.0 7.6



#23
Nitrobenzene-d5
Concen: 105.287 ng
RT: 9.301 min Scan# 1006
Delta R.T. -0.003 min
Lab File: BG052809.D
Acq: 24 Mar 2022 15:04

Tgt Ion: 82 Resp: 272552
Ion Ratio Lower Upper
82 100
128 36.0 31.3 46.9
54 52.4 37.8 56.8

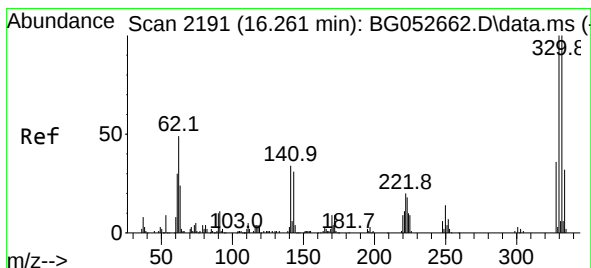
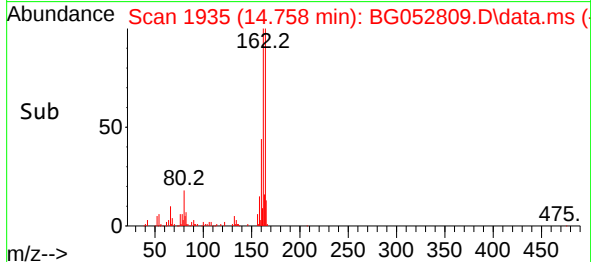
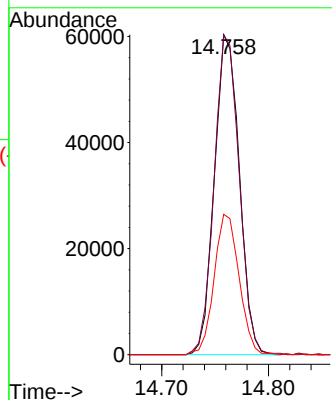
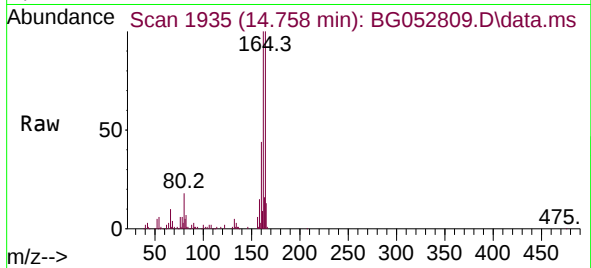




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.758 min Scan# 1935
Delta R.T. -0.008 min
Lab File: BG052809.D
Acq: 24 Mar 2022 15:04

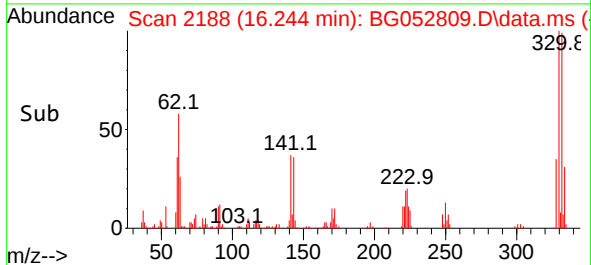
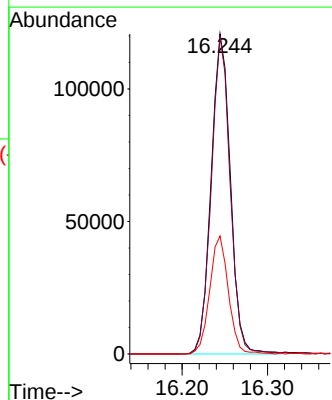
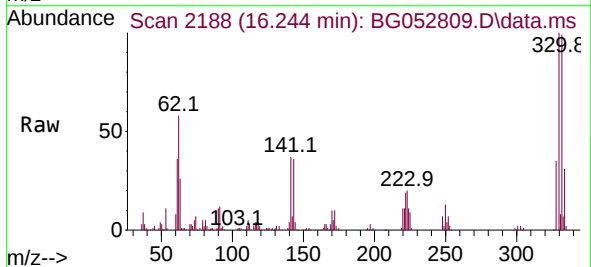
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BNA_G
ClientSampleId :
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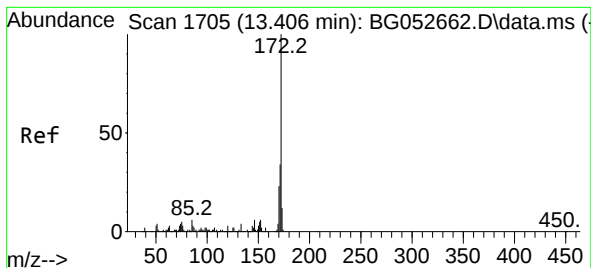
Tgt Ion:164 Resp: 97827
Ion Ratio Lower Upper
164 100
162 100.1 80.0 120.0
160 43.9 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 144.372 ng
RT: 16.244 min Scan# 2188
Delta R.T. -0.003 min
Lab File: BG052809.D
Acq: 24 Mar 2022 15:04

Tgt Ion:330 Resp: 189782
Ion Ratio Lower Upper
330 100
332 97.1 75.8 113.6
141 35.8 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 91.556 ng

RT: 13.389 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG052809.D

Acq: 24 Mar 2022 15:04

Instrument :

BNA_G

ClientSampleId :

PB143570BL

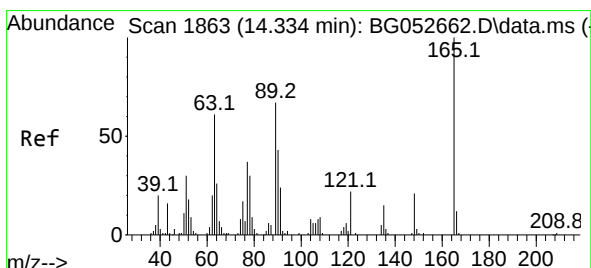
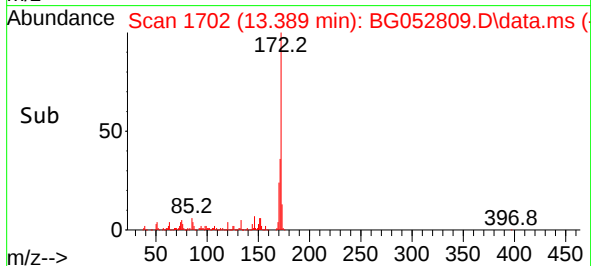
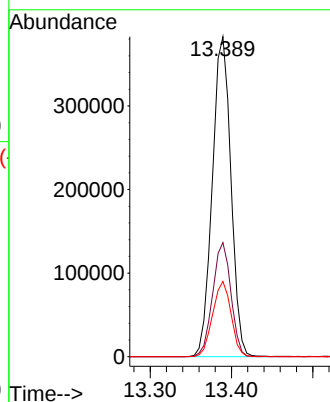
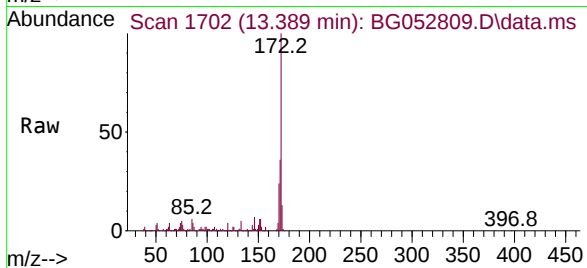
Tgt Ion:172 Resp: 607296

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.5 18.0 27.0



#51

2,6-Dinitrotoluene

Concen: 10.256 ng

RT: 14.764 min Scan# 1936

Delta R.T. 0.438 min

Lab File: BG052809.D

Acq: 24 Mar 2022 15:04

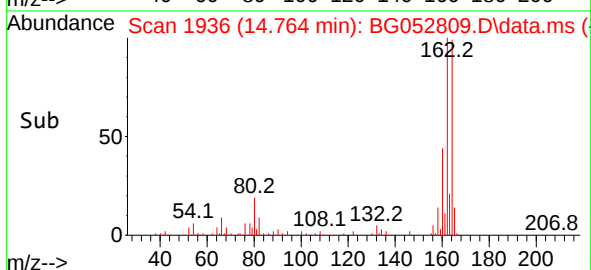
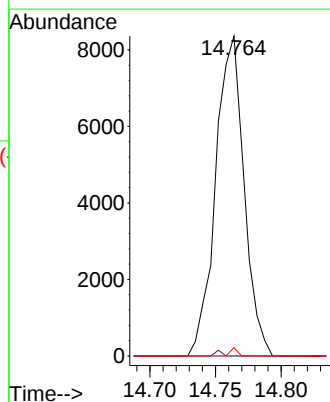
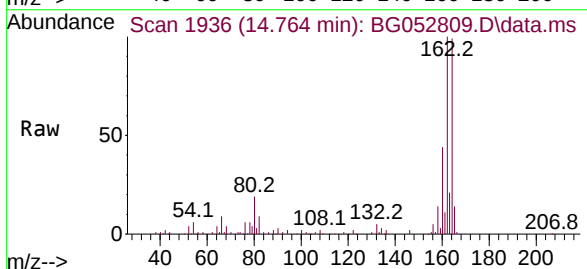
Tgt Ion:165 Resp: 12590

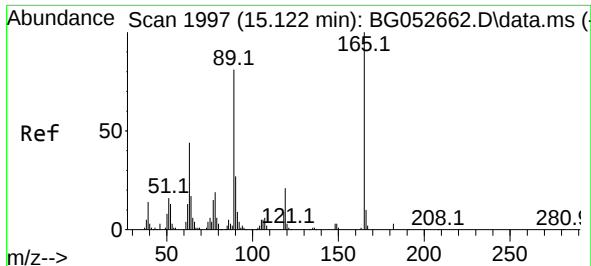
Ion Ratio Lower Upper

165 100

63 0.0 43.7 65.5#

89 2.6 45.0 67.4#

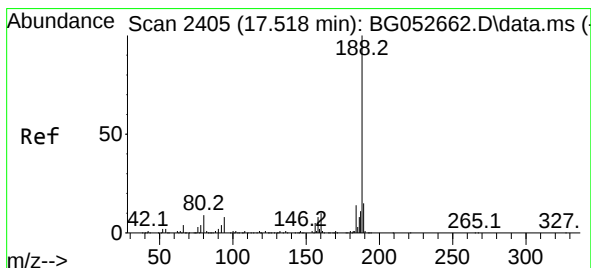
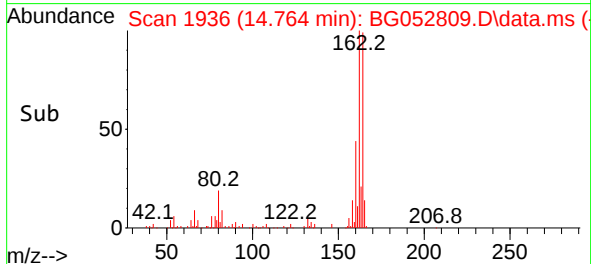
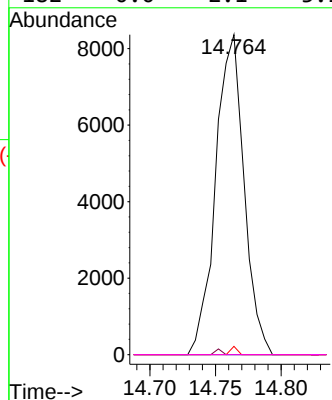
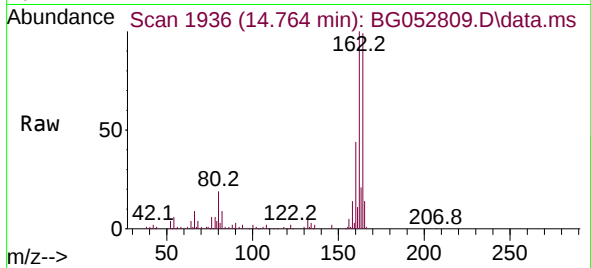




#57
2,4-Dinitrotoluene
Concen: 7.392 ng
RT: 14.764 min Scan# 1936
Delta R.T. -0.349 min
Lab File: BG052809.D
Acq: 24 Mar 2022 15:04

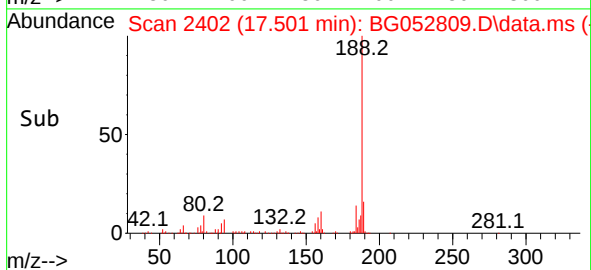
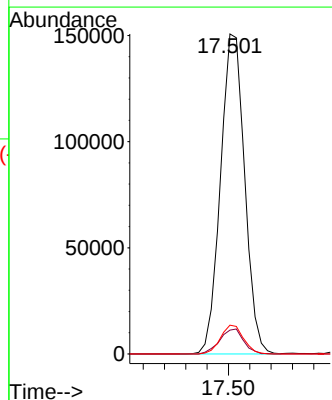
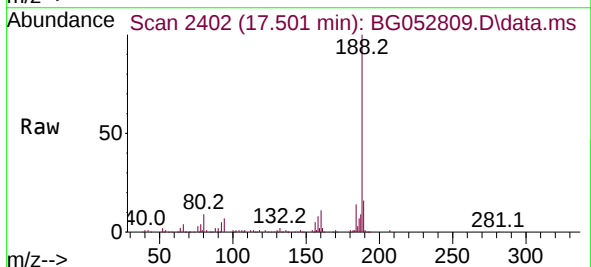
Instrument :
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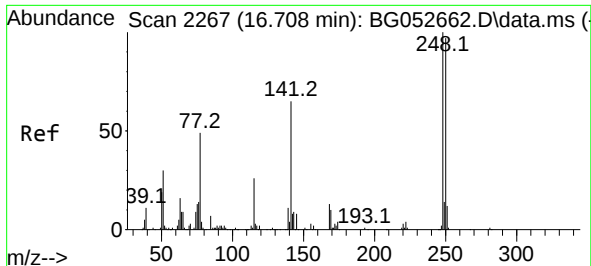
Tgt Ion:165 Resp: 12590
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 2.6 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.501 min Scan# 2402
Delta R.T. -0.003 min
Lab File: BG052809.D
Acq: 24 Mar 2022 15:04

Tgt Ion:188 Resp: 236713
Ion Ratio Lower Upper
188 100
94 7.5 5.7 8.5
80 9.0 7.2 10.8

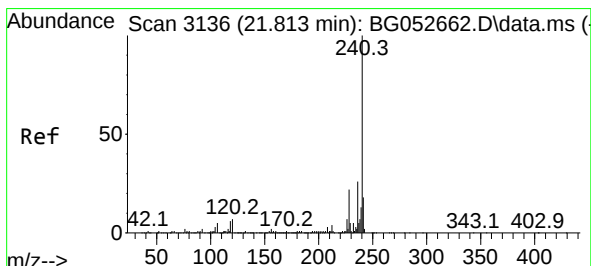
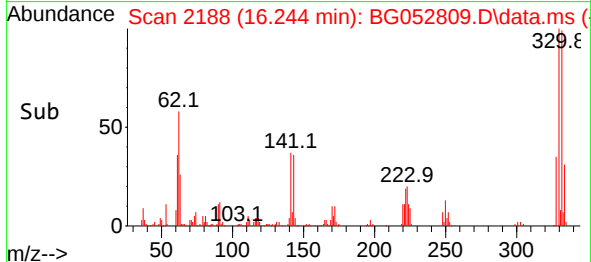
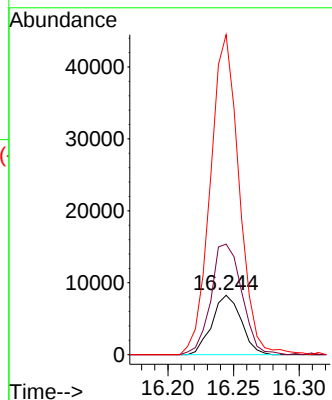
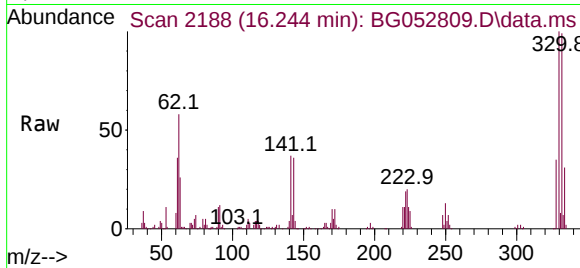




#67
4-Bromophenyl-phenylether
Concen: 4.477 ng
RT: 16.244 min Scan# 2188
Delta R.T. -0.449 min
Lab File: BG052809.D
Acq: 24 Mar 2022 15:04

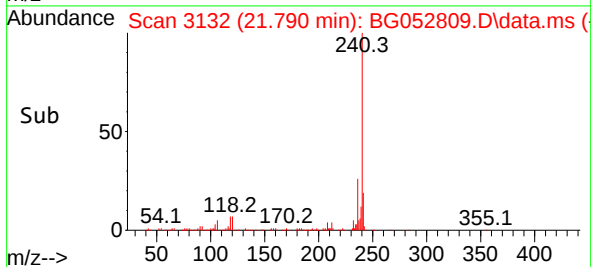
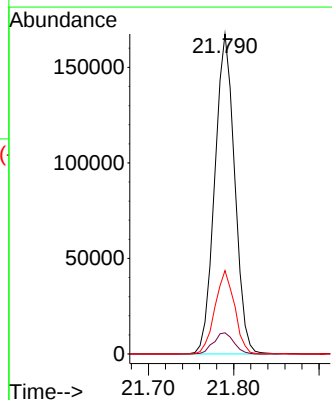
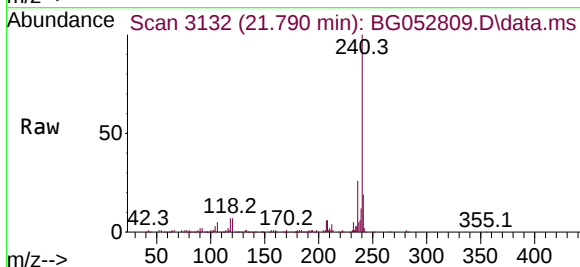
Instrument :
BNA_G
ClientSampleId :
PB143570BL

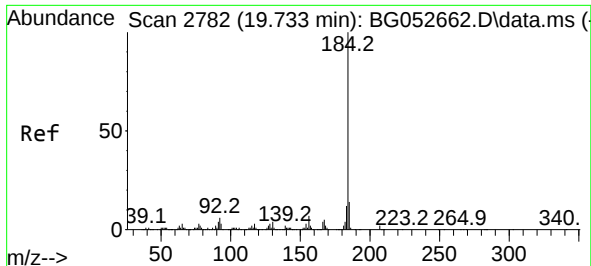
Tgt Ion:248 Resp: 12776
Ion Ratio Lower Upper
248 100
250 186.0 77.9 116.9#
141 538.4 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.790 min Scan# 3132
Delta R.T. -0.008 min
Lab File: BG052809.D
Acq: 24 Mar 2022 15:04

Tgt Ion:240 Resp: 271146
Ion Ratio Lower Upper
240 100
120 6.6 5.4 8.0
236 26.0 19.8 29.6

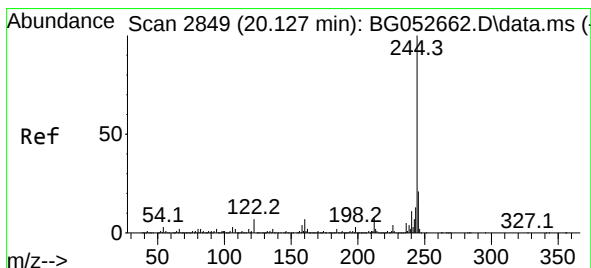
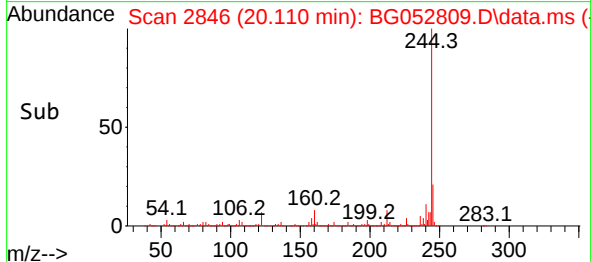
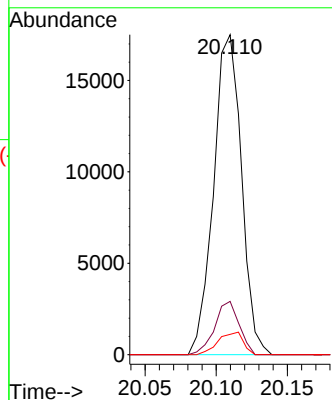
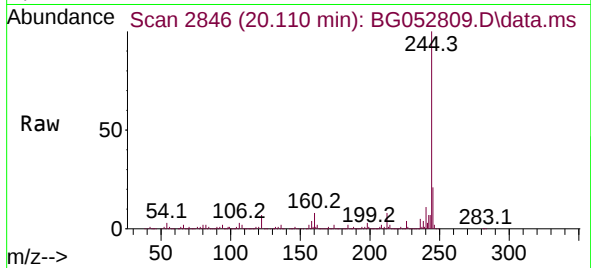




#77
Benzidine
Concen: 3.401 ng
RT: 20.110 min Scan# 21
Delta R.T. 0.385 min
Lab File: BG052809.D
Acq: 24 Mar 2022 15:04

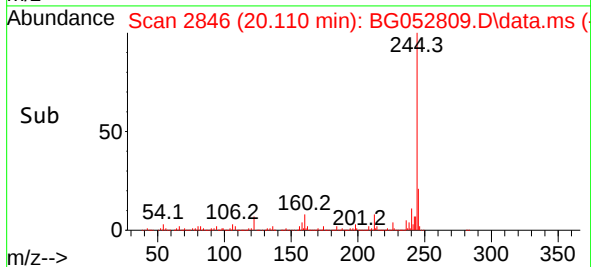
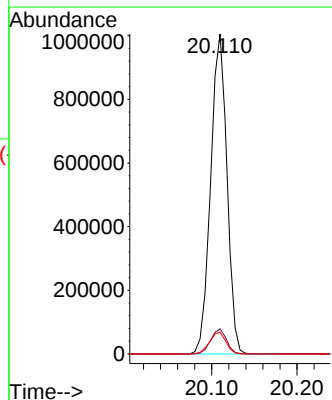
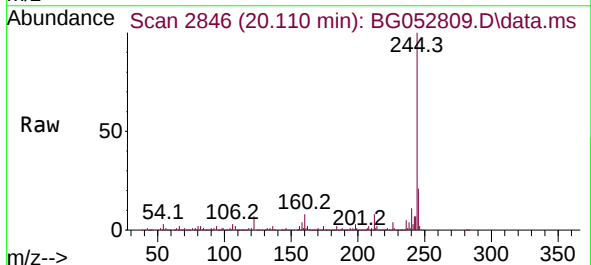
Instrument :
BNA_G
ClientSampleId :
PB143570BL

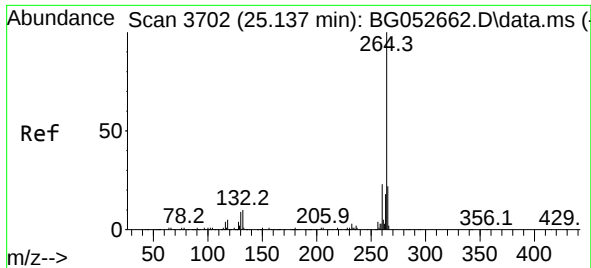
Tgt Ion:184 Resp: 23787
Ion Ratio Lower Upper
184 100
185 16.7 11.5 17.3
183 6.3 9.4 14.2#



#79
Terphenyl-d14
Concen: 87.406 ng
RT: 20.110 min Scan# 2846
Delta R.T. -0.003 min
Lab File: BG052809.D
Acq: 24 Mar 2022 15:04

Tgt Ion:244 Resp: 1332309
Ion Ratio Lower Upper
244 100
212 7.9 5.4 8.2
122 6.7 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.109 min Scan# 30
Delta R.T. -0.003 min
Lab File: BG052809.D
Acq: 24 Mar 2022 15:04

Instrument :
BNA_G
ClientSampleId :
PB143570BL

Tgt Ion:264 Resp: 265409

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	21.2	15.1	22.7

