

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051622\
 Data File : BG053568.D
 Acq On : 16 May 2022 15:37
 Operator : CG/JU
 Sample : N2832-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB20

Quant Time: May 17 05:20:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

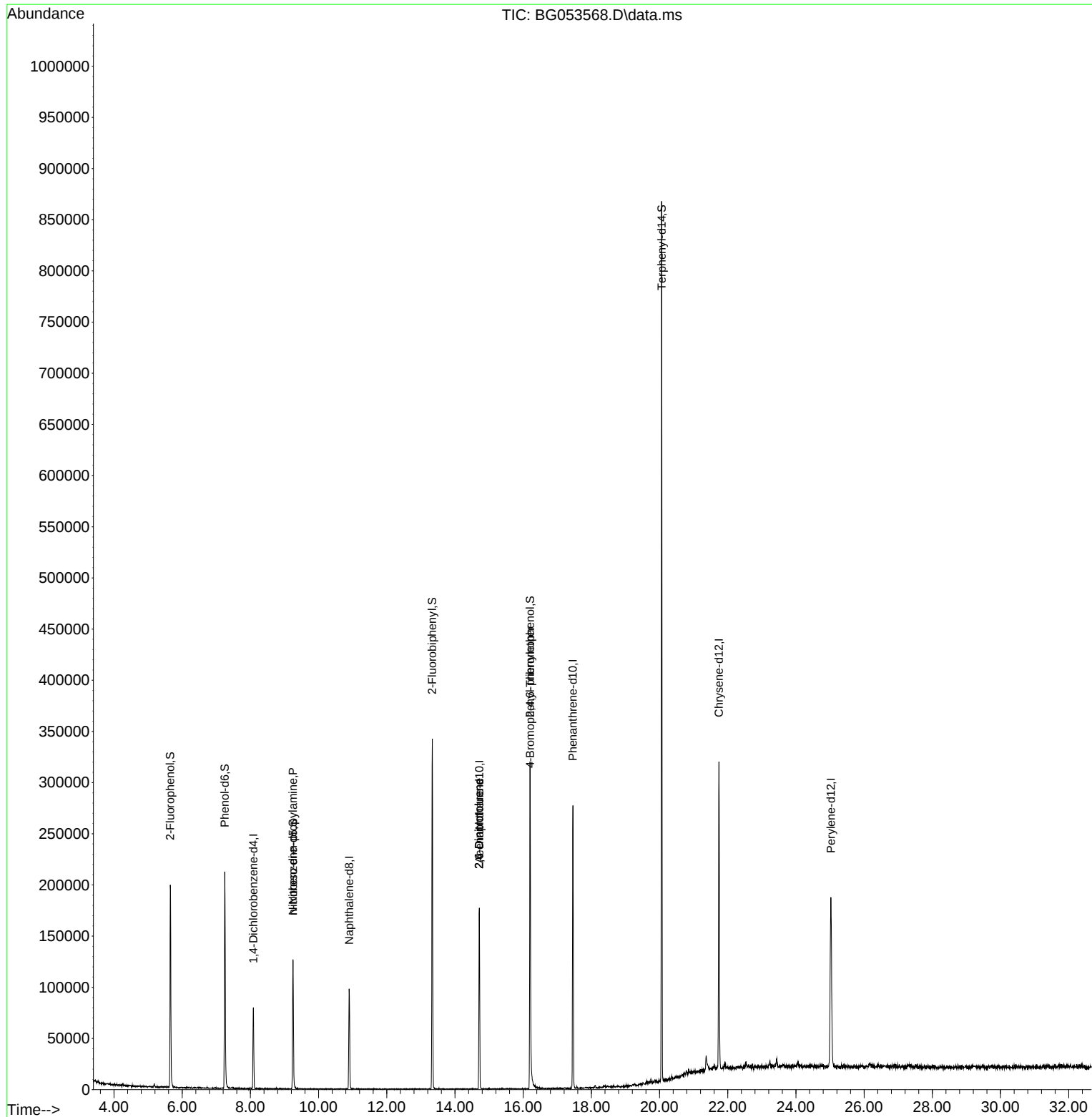
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	21719	20.000	ng	0.00
21) Naphthalene-d8	10.897	136	85028	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	66475	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	185668	20.000	ng	0.00
76) Chrysene-d12	21.742	240	192033	20.000	ng	0.00
86) Perylene-d12	25.025	264	191009	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	84903	66.344	ng	0.00
7) Phenol-d6	7.249	99	125286	64.507	ng	0.00
23) Nitrobenzene-d5	9.247	82	84625	42.367	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	75064	76.562	ng	0.00
45) 2-Fluorobiphenyl	13.335	172	188928	41.531	ng	0.00
79) Terphenyl-d14	20.061	244	431546	41.854	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.247	70	11856	8.508	ng	# 74
51) 2,6-Dinitrotoluene	14.710	165	8336	8.100	ng	# 16
57) 2,4-Dinitrotoluene	14.710	165	8336	5.588	ng	# 21
67) 4-Bromophenyl-phenylether	16.208	248	5002	2.307	ng	# 1

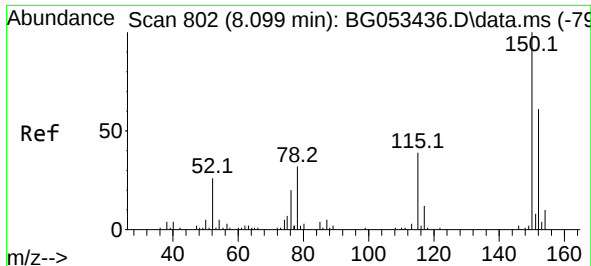
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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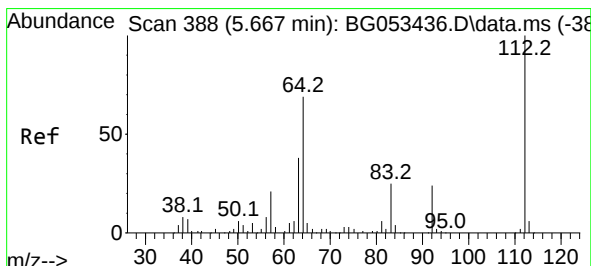
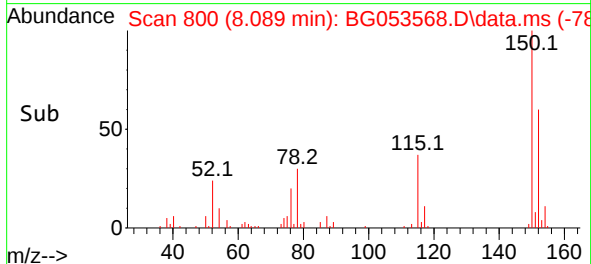
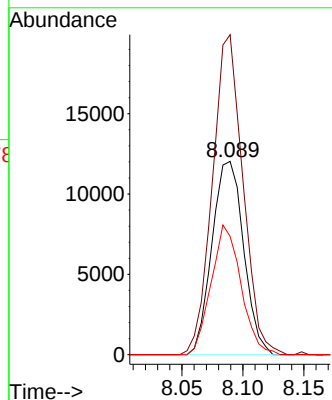
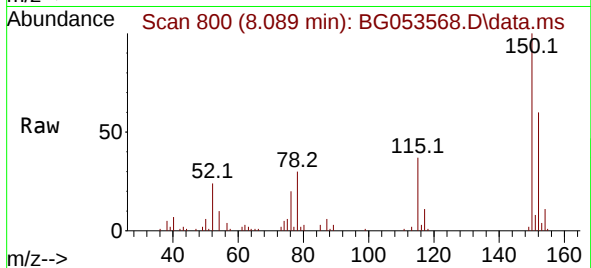




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.089 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG053568.D
Acq: 16 May 2022 15:37

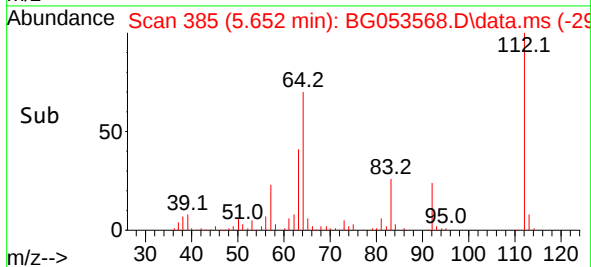
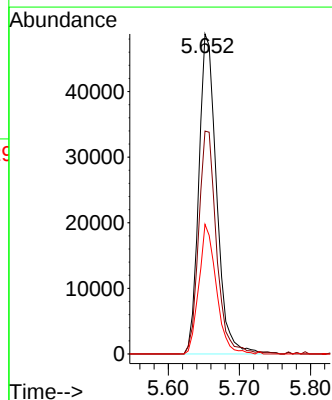
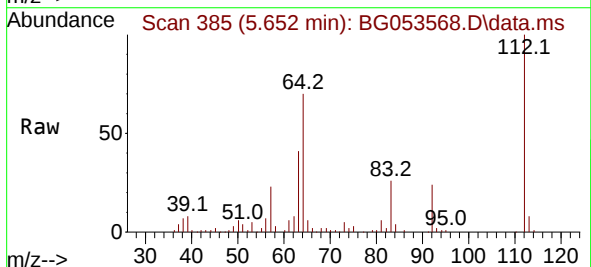
Instrument :
BNA_G
ClientSampleId :
SB20

Tgt Ion:152 Resp: 21719
Ion Ratio Lower Upper
152 100
150 165.6 131.6 197.4
115 61.2 50.9 76.3



#5
2-Fluorophenol
Concen: 66.344 ng
RT: 5.652 min Scan# 385
Delta R.T. -0.000 min
Lab File: BG053568.D
Acq: 16 May 2022 15:37

Tgt Ion:112 Resp: 84903
Ion Ratio Lower Upper
112 100
64 69.6 55.1 82.7
63 40.5 30.4 45.6

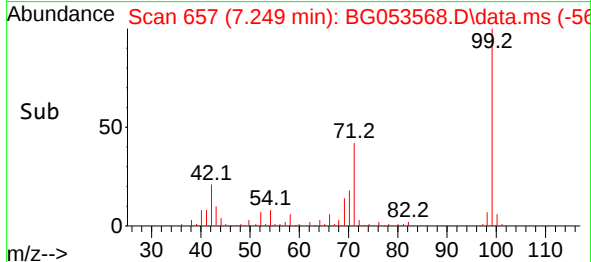
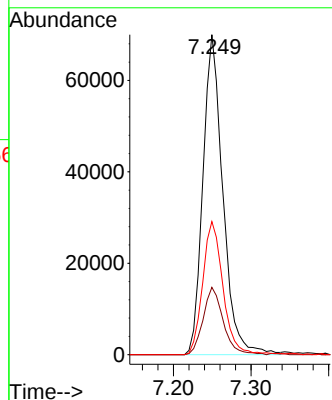
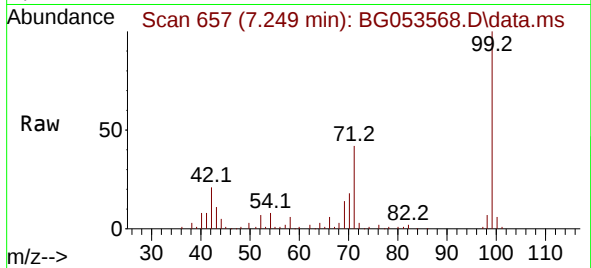




#7
Phenol-d6
Concen: 64.507 ng
RT: 7.249 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG053568.D
Acq: 16 May 2022 15:37

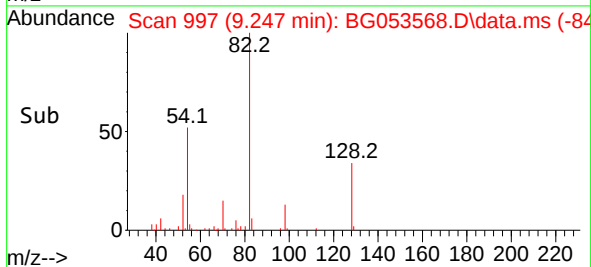
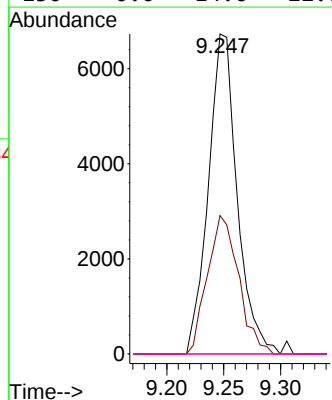
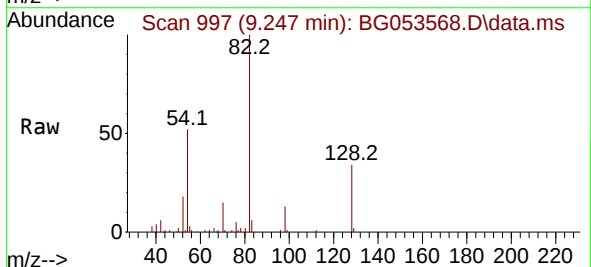
Instrument :
BNA_G
ClientSampleId :
SB20

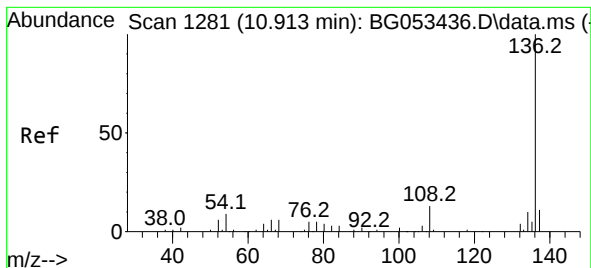
Tgt Ion: 99 Resp: 125286
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 41.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 8.508 ng
RT: 9.247 min Scan# 997
Delta R.T. 0.358 min
Lab File: BG053568.D
Acq: 16 May 2022 15:37

Tgt Ion: 70 Resp: 11856
Ion Ratio Lower Upper
70 100
42 43.2 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.897 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG053568.D

Acq: 16 May 2022 15:37

Instrument :

BNA_G

ClientSampleId :

SB20

Tgt Ion:136 Resp: 85028

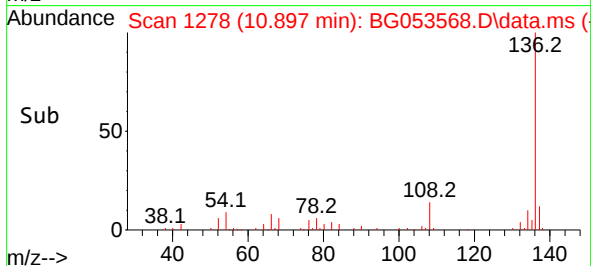
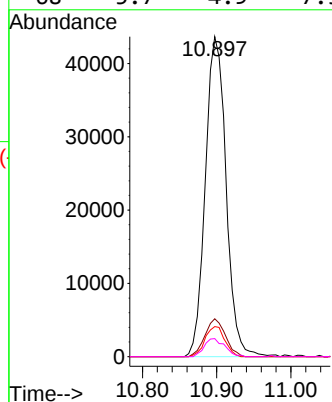
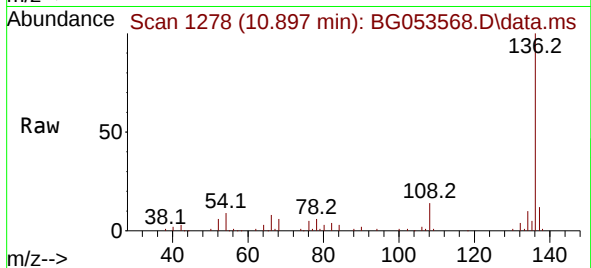
Ion Ratio Lower Upper

136 100

137 11.9 8.5 12.7

54 9.4 7.4 11.2

68 5.7 4.9 7.3



#23

Nitrobenzene-d5

Concen: 42.367 ng

RT: 9.247 min Scan# 997

Delta R.T. -0.006 min

Lab File: BG053568.D

Acq: 16 May 2022 15:37

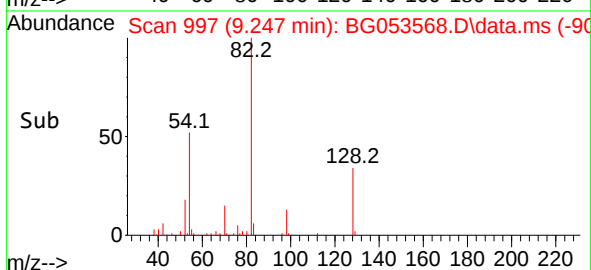
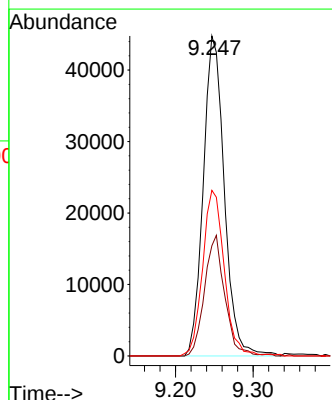
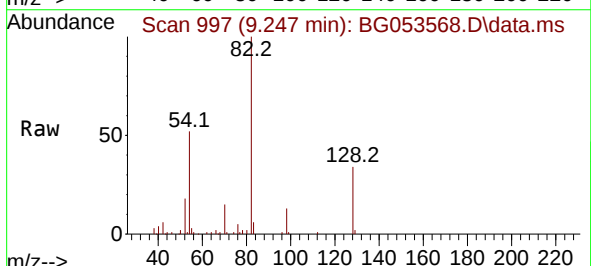
Tgt Ion: 82 Resp: 84625

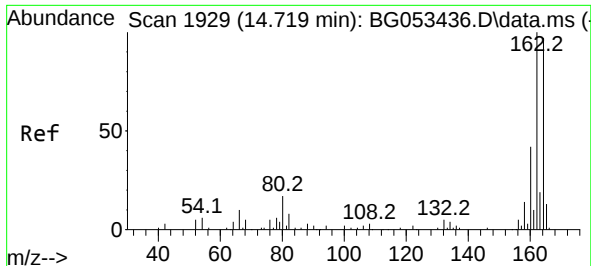
Ion Ratio Lower Upper

82 100

128 34.4 27.9 41.9

54 51.8 41.2 61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.716 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BG053568.D

Acq: 16 May 2022 15:37

Instrument :

BNA_G

ClientSampleId :

SB20

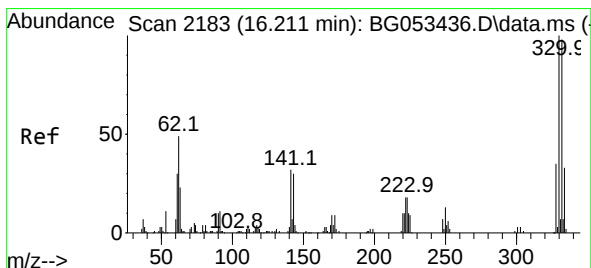
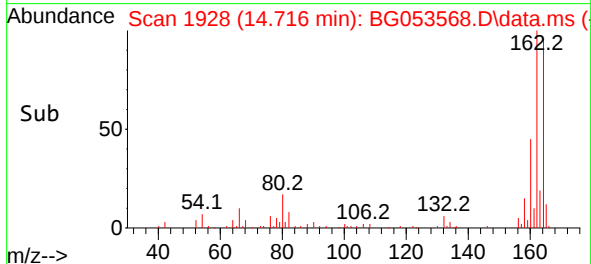
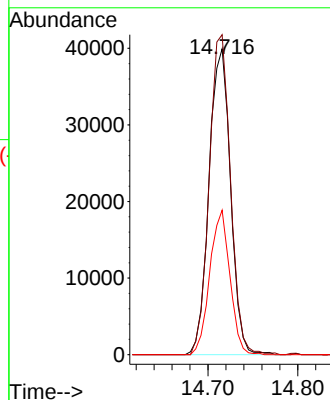
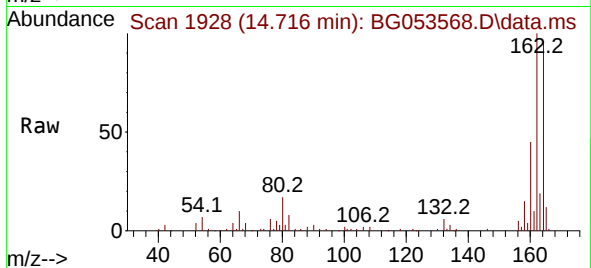
Tgt Ion:164 Resp: 66475

Ion Ratio Lower Upper

164 100

162 104.6 82.3 123.5

160 47.2 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 76.562 ng

RT: 16.202 min Scan# 2181

Delta R.T. -0.000 min

Lab File: BG053568.D

Acq: 16 May 2022 15:37

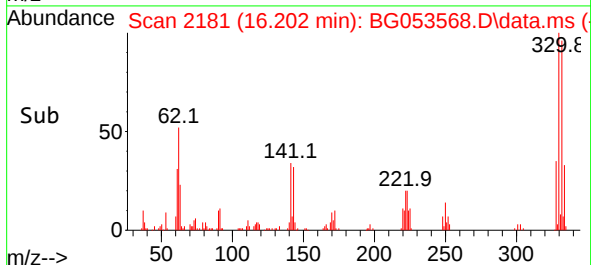
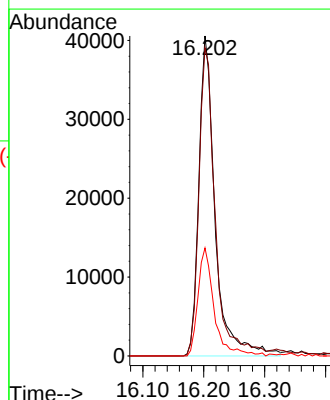
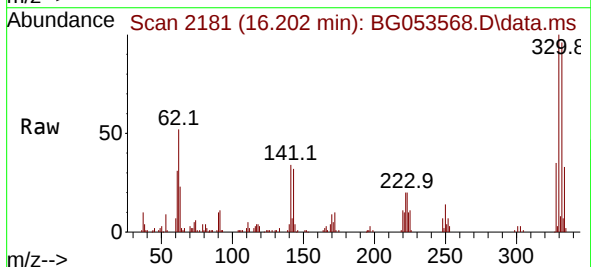
Tgt Ion:330 Resp: 75064

Ion Ratio Lower Upper

330 100

332 96.6 76.0 114.0

141 33.6 27.1 40.7

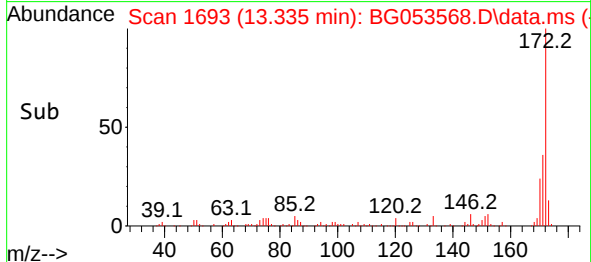
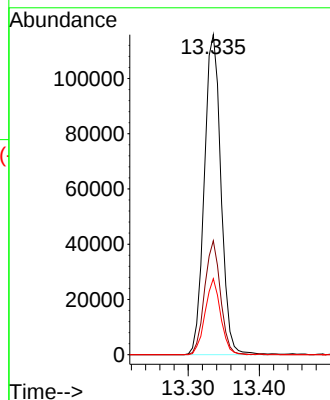
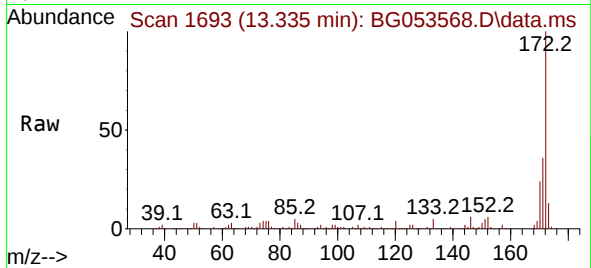




#45
2-Fluorobiphenyl
Concen: 41.531 ng
RT: 13.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG053568.D
Acq: 16 May 2022 15:37

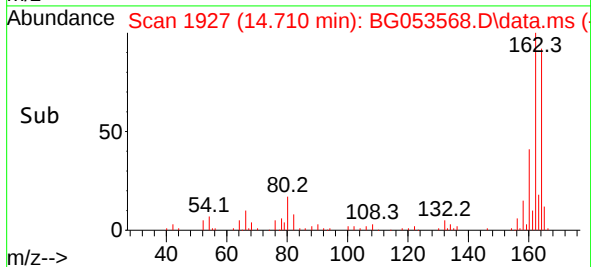
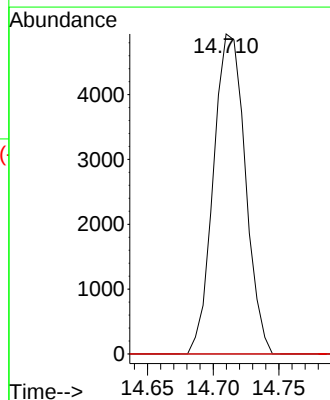
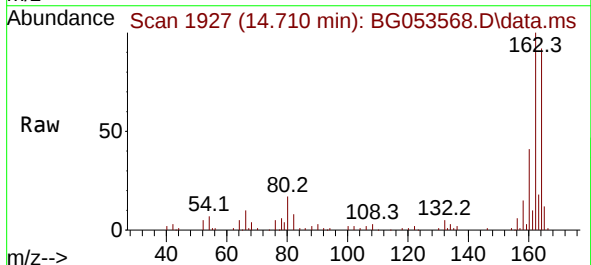
Instrument :
BNA_G
ClientSampleId :
SB20

Tgt Ion:172 Resp: 188928
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.8 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.100 ng
RT: 14.710 min Scan# 1927
Delta R.T. 0.429 min
Lab File: BG053568.D
Acq: 16 May 2022 15:37

Tgt Ion:165 Resp: 8336
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.588 ng

RT: 14.710 min Scan# 1991

Delta R.T. -0.364 min

Lab File: BG053568.D

Acq: 16 May 2022 15:37

Instrument :

BNA_G

ClientSampleId :

SB20

Tgt Ion:165 Resp: 8336

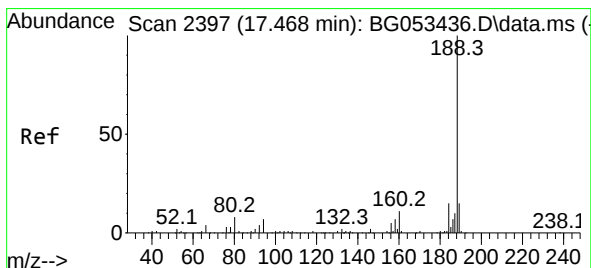
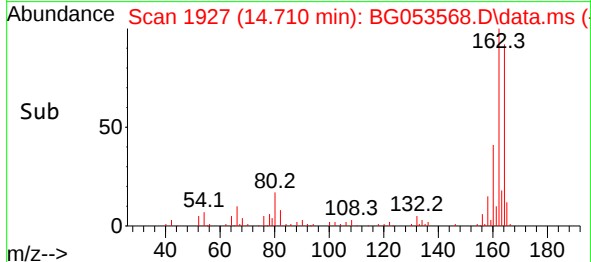
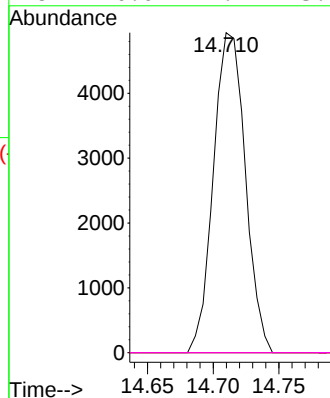
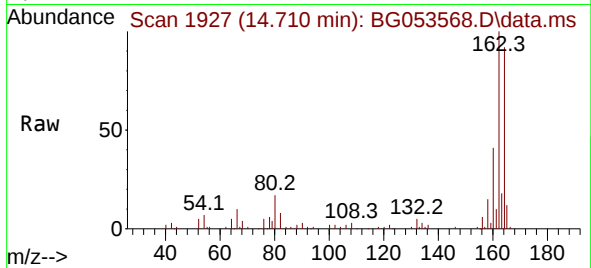
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.459 min Scan# 2395

Delta R.T. -0.000 min

Lab File: BG053568.D

Acq: 16 May 2022 15:37

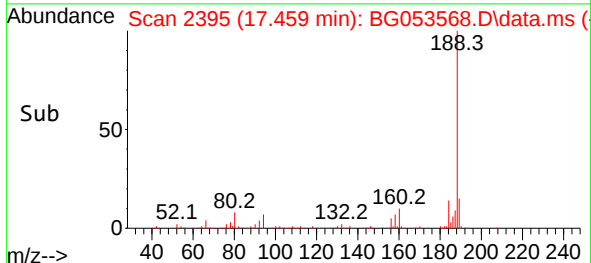
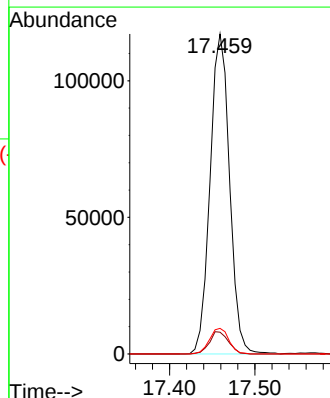
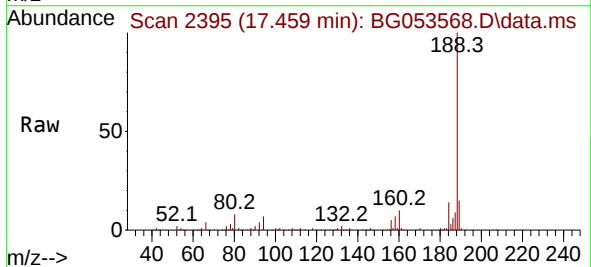
Tgt Ion:188 Resp: 185668

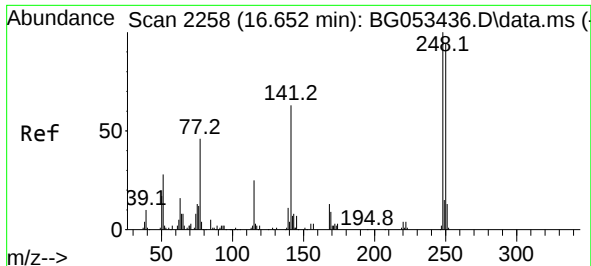
Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.0

80 8.0 6.8 10.2

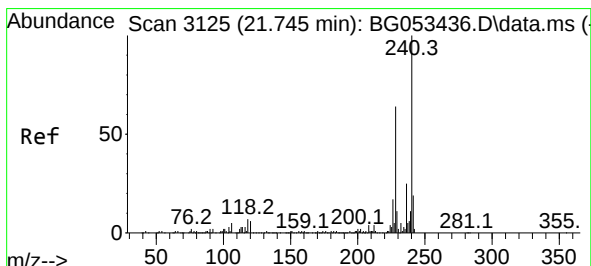
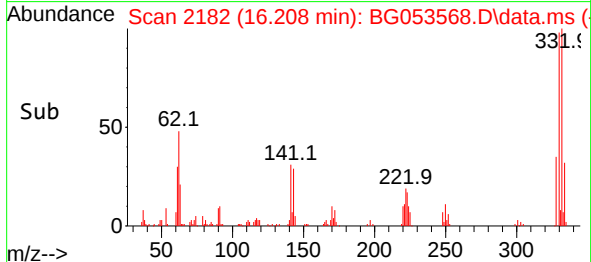
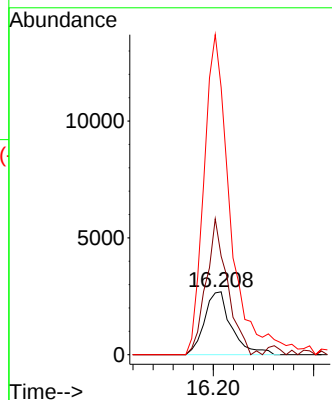
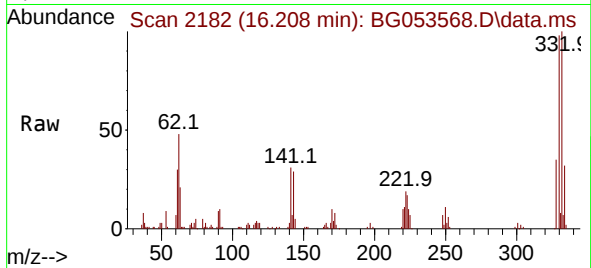




#67
4-Bromophenyl-phenylether
Concen: 2.307 ng
RT: 16.208 min Scan# 2182
Delta R.T. -0.435 min
Lab File: BG053568.D
Acq: 16 May 2022 15:37

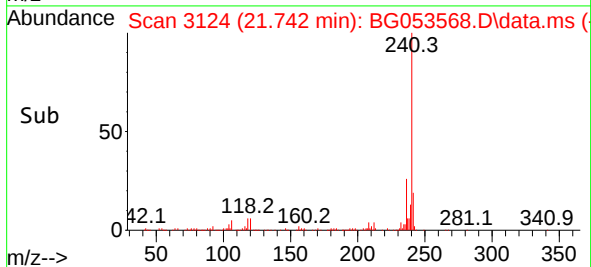
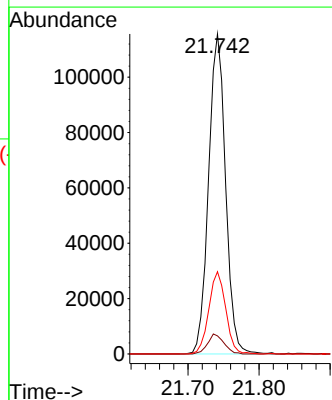
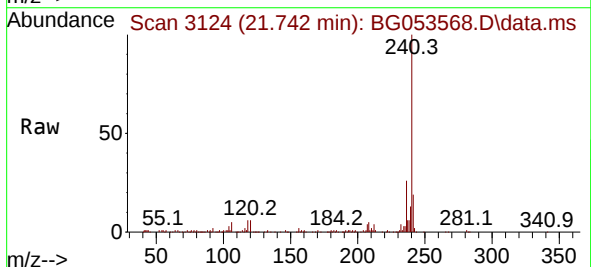
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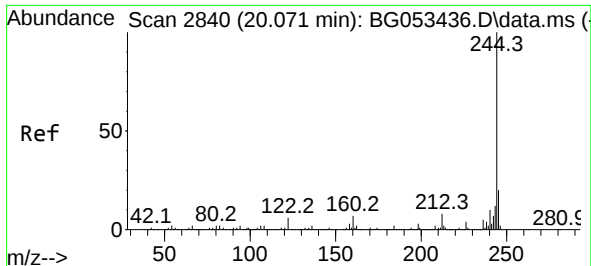
Tgt Ion:248 Resp: 5002
Ion Ratio Lower Upper
248 100
250 156.7 75.2 112.8#
141 424.9 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.742 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BG053568.D
Acq: 16 May 2022 15:37

Tgt Ion:240 Resp: 192033
Ion Ratio Lower Upper
240 100
120 5.7 4.6 7.0
236 25.7 20.2 30.4

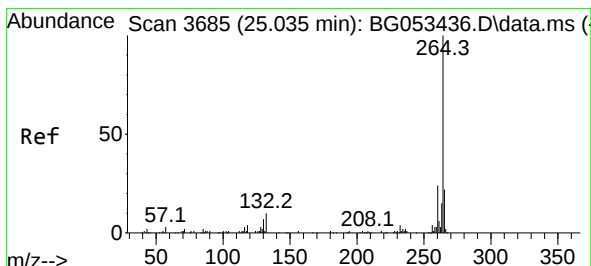
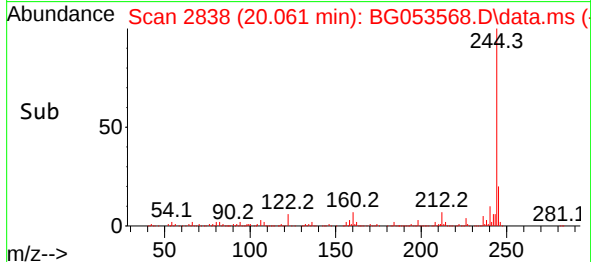
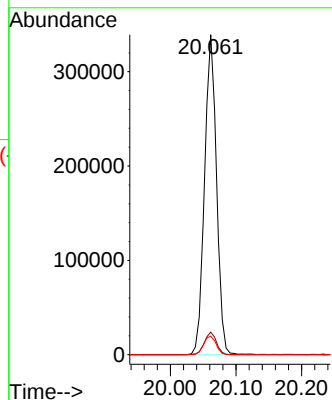
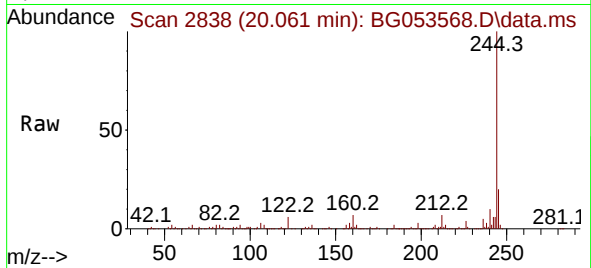




#79
 Terphenyl-d14
 Concen: 41.854 ng
 RT: 20.061 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG053568.D
 Acq: 16 May 2022 15:37

Instrument :
 BNA_G
 ClientSampleId :
 SB20

Tgt Ion:244 Resp: 431546
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 5.8 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.025 min Scan# 3683
 Delta R.T. 0.006 min
 Lab File: BG053568.D
 Acq: 16 May 2022 15:37

Tgt Ion:264 Resp: 191009
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 22.2 17.4 26.2

