

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042722\
 Data File : BG053347.D
 Acq On : 27 Apr 2022 14:53
 Operator : CG/JU
 Sample : N2521-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SVOC-FB

Quant Time: Apr 28 06:40:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

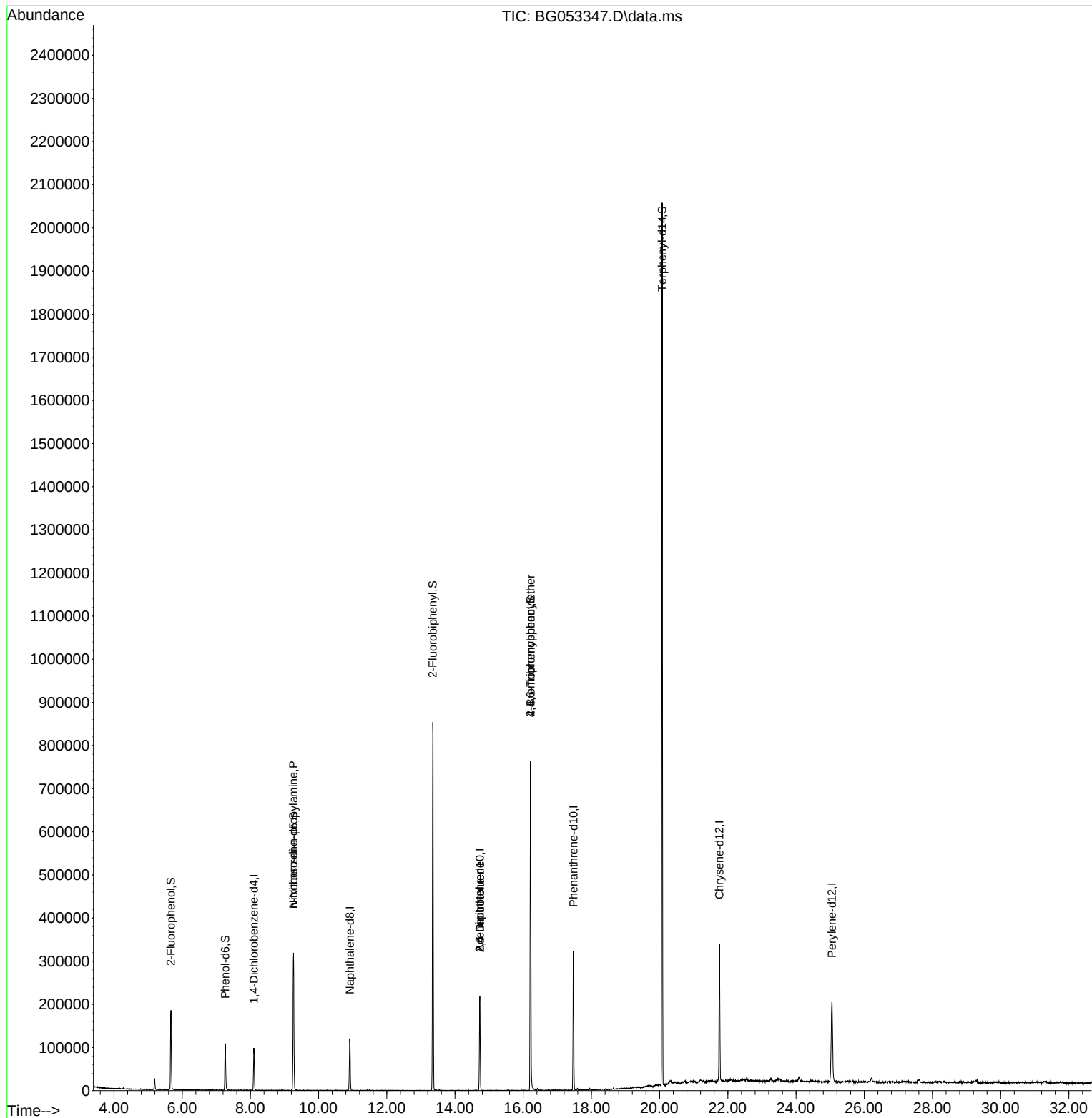
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	26110	20.000	ng	-0.01
21) Naphthalene-d8	10.916	136	102828	20.000	ng	# 0.00
39) Acenaphthene-d10	14.729	164	79683	20.000	ng	0.00
64) Phenanthrene-d10	17.472	188	207607	20.000	ng	-0.01
76) Chrysene-d12	21.755	240	204661	20.000	ng	-0.01
86) Perylene-d12	25.050	264	208000	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	77788	51.070	ng	0.00
7) Phenol-d6	7.262	99	65544	27.904	ng	-0.01
23) Nitrobenzene-d5	9.266	82	207193	81.814	ng	-0.01
42) 2,4,6-Tribromophenol	16.215	330	160551	126.645	ng	-0.01
45) 2-Fluorobiphenyl	13.348	172	467719	80.938	ng	-0.01
79) Terphenyl-d14	20.074	244	990014	81.698	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.266	70	29053	16.895	ng	# 76
51) 2,6-Dinitrotoluene	14.729	165	10314	7.757	ng	# 26
57) 2,4-Dinitrotoluene	14.729	165	10314	5.449	ng	# 24
67) 4-Bromophenyl-phenylether	16.215	248	10243	3.851	ng	# 1

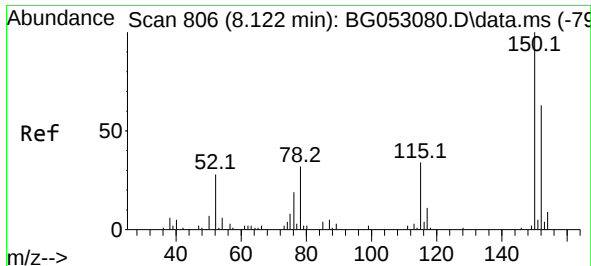
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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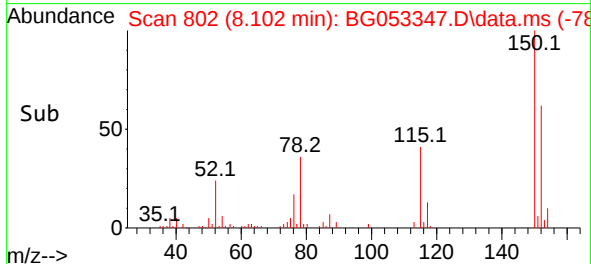
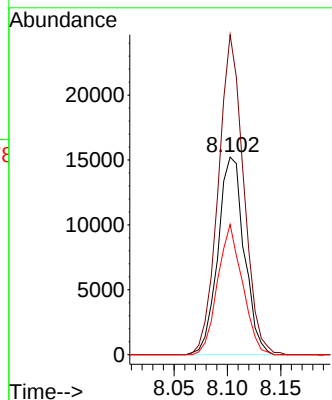
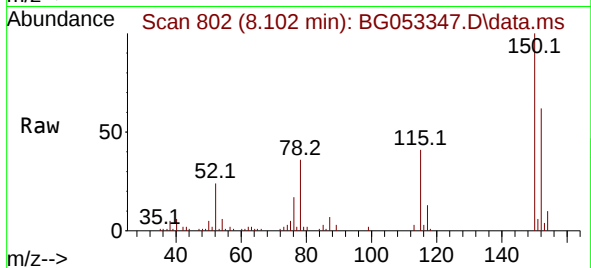




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.102 min Scan# 80
Delta R.T. -0.011 min
Lab File: BG053347.D
Acq: 27 Apr 2022 14:53

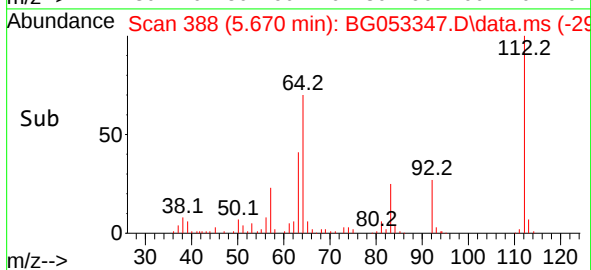
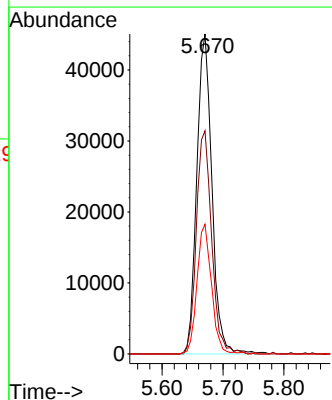
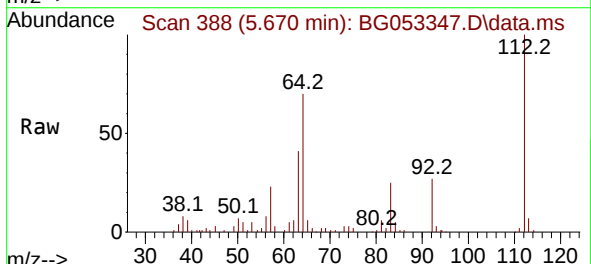
Instrument :
BNA_G
ClientSampleId :
SVOC-FB

Tgt Ion:152 Resp: 26110
Ion Ratio Lower Upper
152 100
150 161.9 114.6 172.0
115 65.9 45.9 68.9



#5
2-Fluorophenol
Concen: 51.070 ng
RT: 5.670 min Scan# 388
Delta R.T. -0.005 min
Lab File: BG053347.D
Acq: 27 Apr 2022 14:53

Tgt Ion:112 Resp: 77788
Ion Ratio Lower Upper
112 100
64 69.8 48.0 72.0
63 40.6 26.5 39.7#

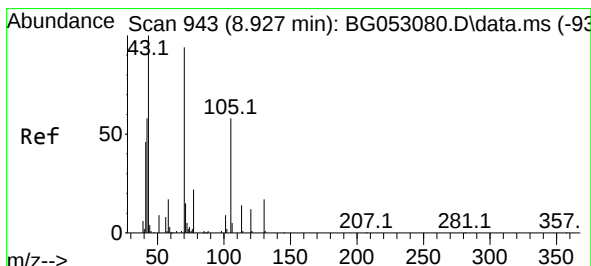
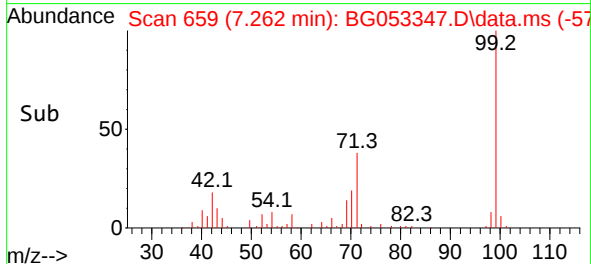
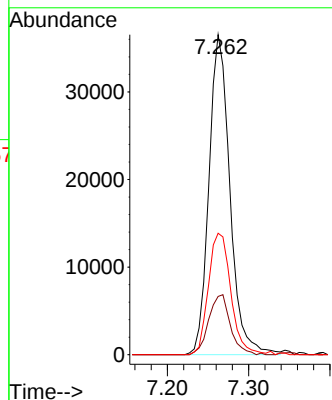
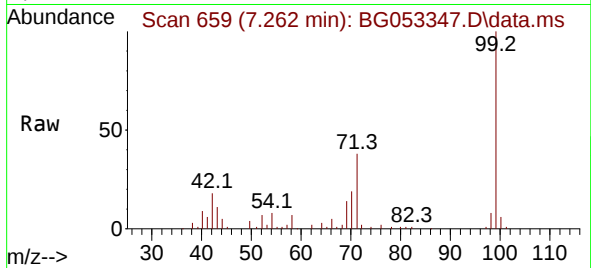




#7
Phenol-d6
Concen: 27.904 ng
RT: 7.262 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG053347.D
Acq: 27 Apr 2022 14:53

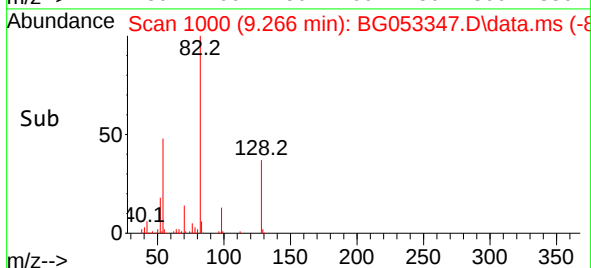
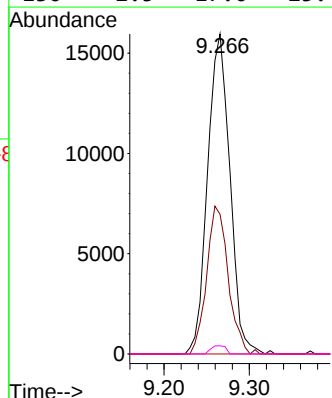
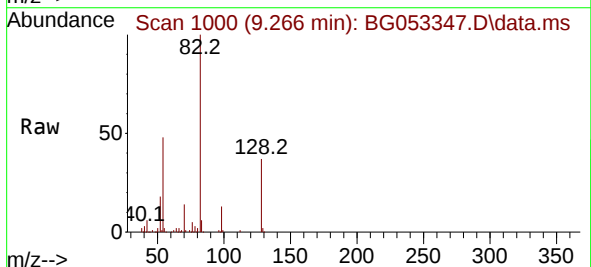
Instrument :
BNA_G
ClientSampleId :
SVOC-FB

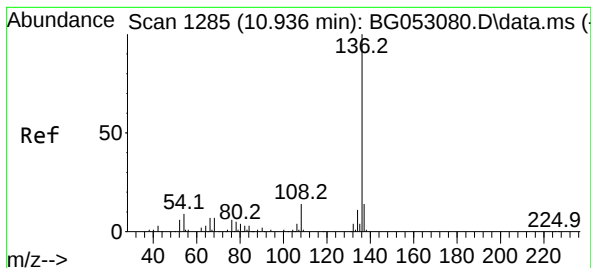
Tgt Ion: 99 Resp: 65544
Ion Ratio Lower Upper
99 100
42 18.2 14.7 22.1
71 38.0 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.895 ng
RT: 9.266 min Scan# 1000
Delta R.T. 0.353 min
Lab File: BG053347.D
Acq: 27 Apr 2022 14:53

Tgt Ion: 70 Resp: 29053
Ion Ratio Lower Upper
70 100
42 43.7 46.0 69.0#
101 0.0 6.2 9.4#
130 2.5 17.0 25.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.916 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG053347.D

Acq: 27 Apr 2022 14:53

Instrument :

BNA_G

ClientSampleId :

SVOC-FB

Tgt Ion:136 Resp: 102828

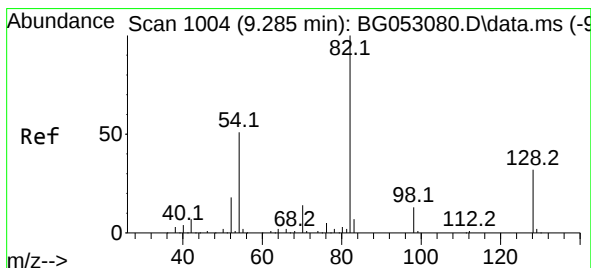
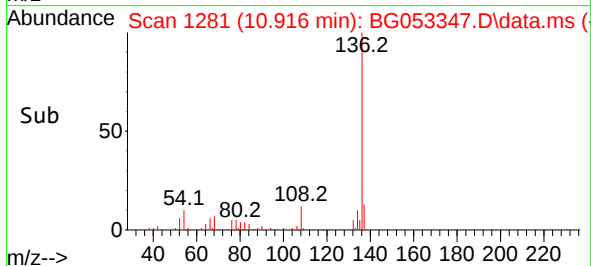
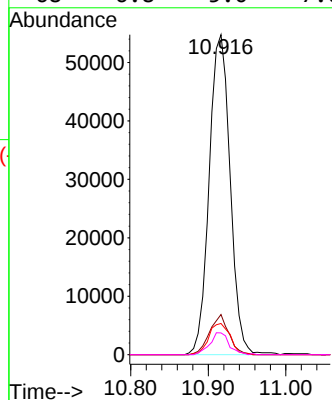
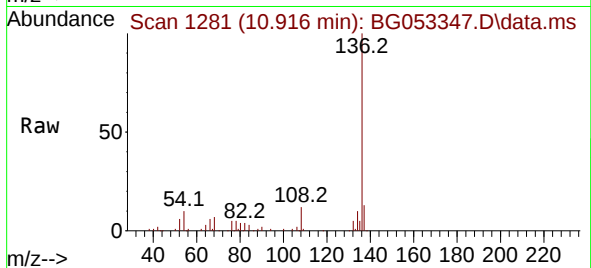
Ion Ratio Lower Upper

136 100

137 12.5 9.4 14.2

54 9.8 6.4 9.6#

68 6.8 5.0 7.6



#23

Nitrobenzene-d5

Concen: 81.814 ng

RT: 9.266 min Scan# 1000

Delta R.T. -0.011 min

Lab File: BG053347.D

Acq: 27 Apr 2022 14:53

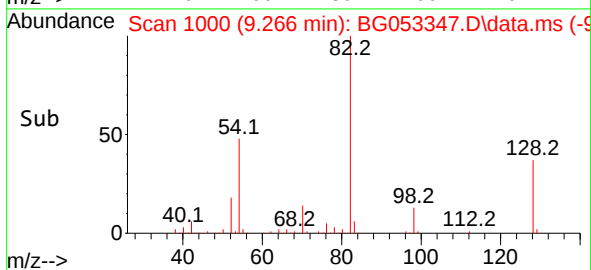
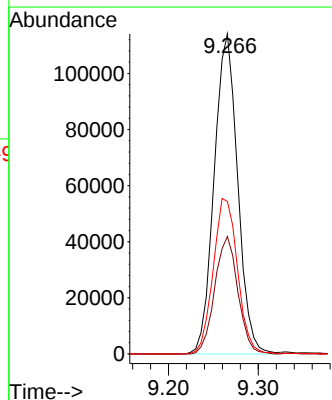
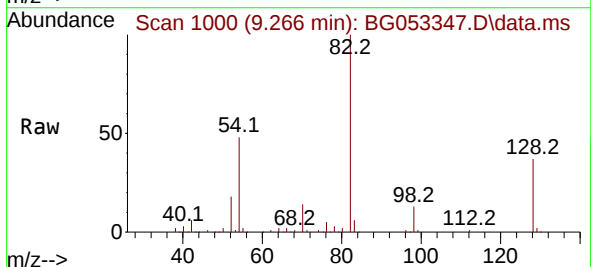
Tgt Ion: 82 Resp: 207193

Ion Ratio Lower Upper

82 100

128 36.7 31.3 46.9

54 47.6 37.8 56.8

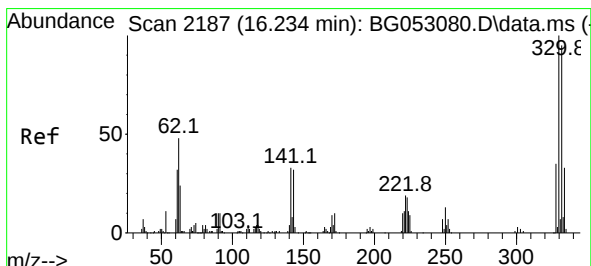
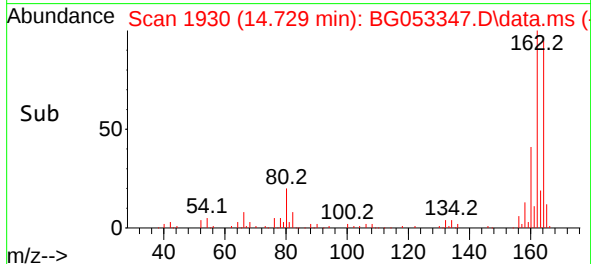
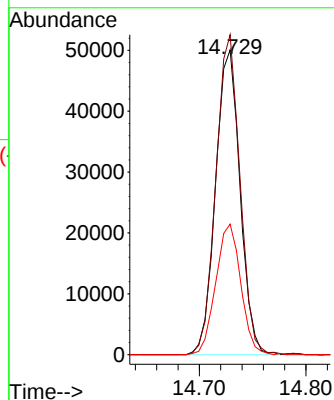
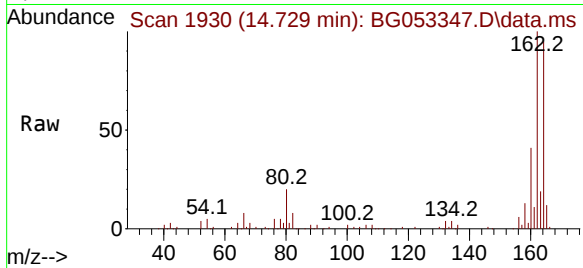




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.729 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BG053347.D
Acq: 27 Apr 2022 14:53

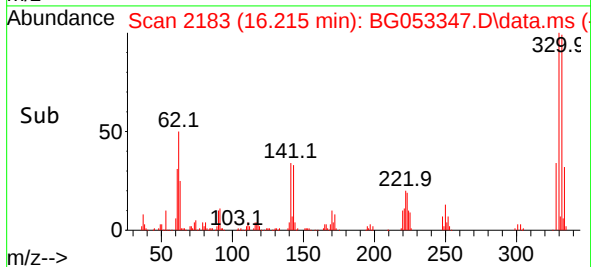
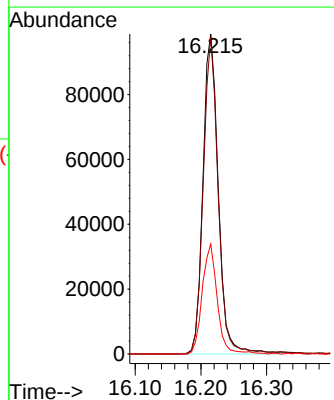
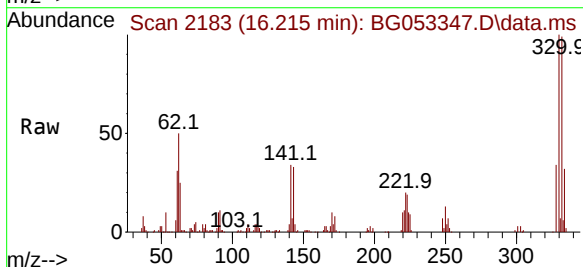
Instrument :
BNA_G
ClientSampleId :
SVOC-FB

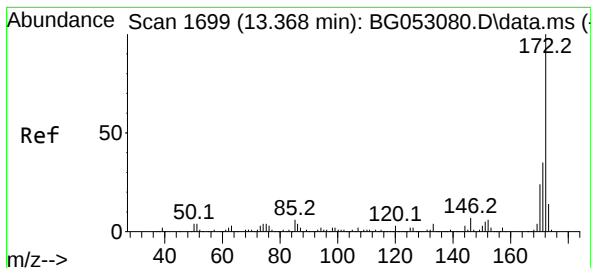
Tgt Ion:164 Resp: 79683
Ion Ratio Lower Upper
164 100
162 105.0 80.0 120.0
160 42.9 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 126.645 ng
RT: 16.215 min Scan# 2183
Delta R.T. -0.011 min
Lab File: BG053347.D
Acq: 27 Apr 2022 14:53

Tgt Ion:330 Resp: 160551
Ion Ratio Lower Upper
330 100
332 95.9 75.8 113.6
141 33.6 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 80.938 ng

RT: 13.348 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG053347.D

Acq: 27 Apr 2022 14:53

Instrument :

BNA_G

ClientSampleId :

SVOC-FB

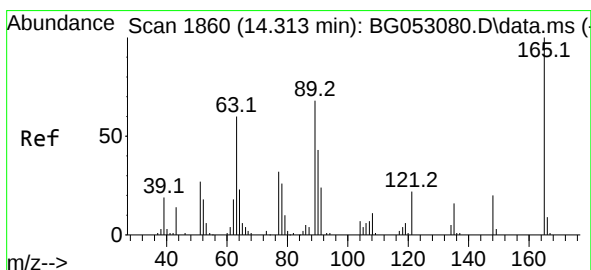
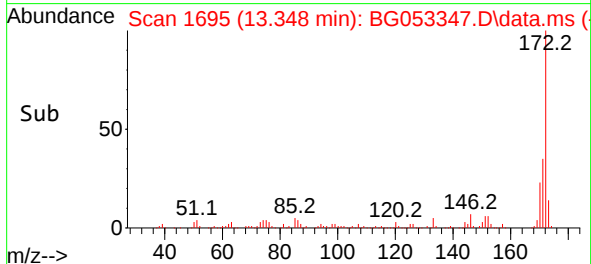
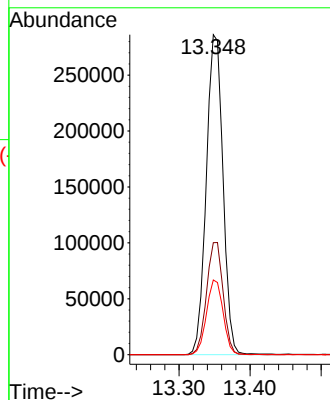
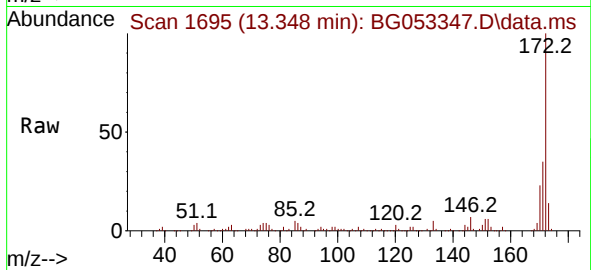
Tgt Ion:172 Resp: 467719

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.4 18.0 27.0



#51

2,6-Dinitrotoluene

Concen: 7.757 ng

RT: 14.729 min Scan# 1930

Delta R.T. 0.424 min

Lab File: BG053347.D

Acq: 27 Apr 2022 14:53

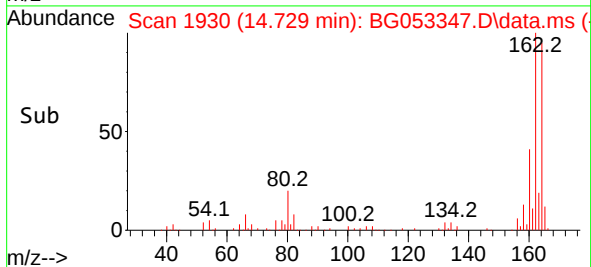
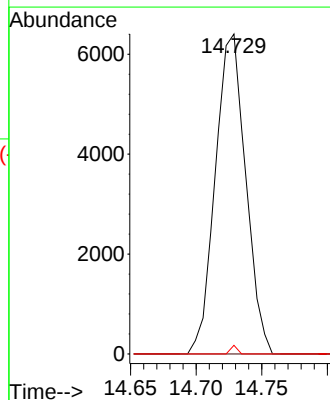
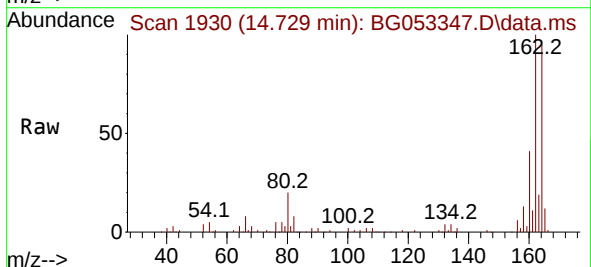
Tgt Ion:165 Resp: 10314

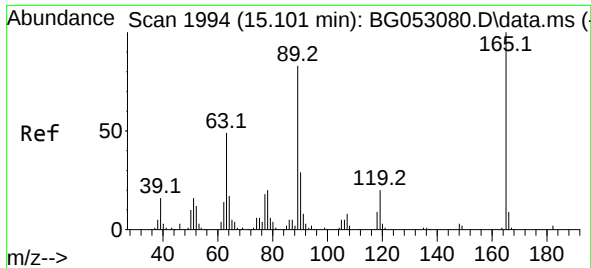
Ion Ratio Lower Upper

165 100

63 0.0 43.7 65.5#

89 2.7 45.0 67.4#

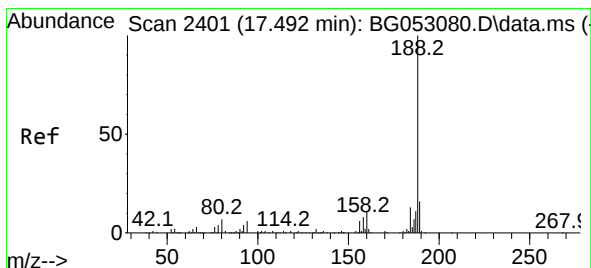
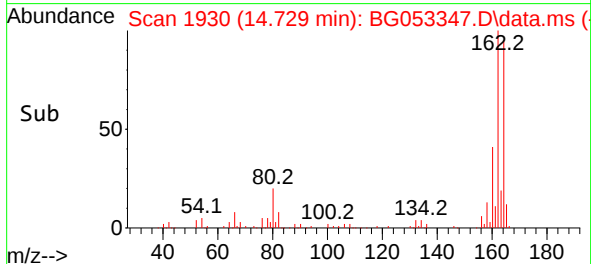
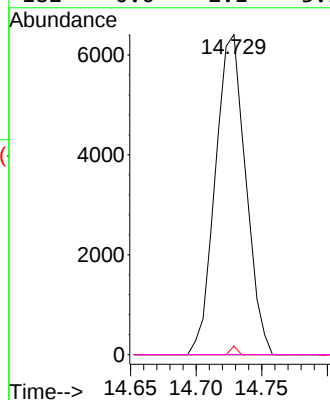
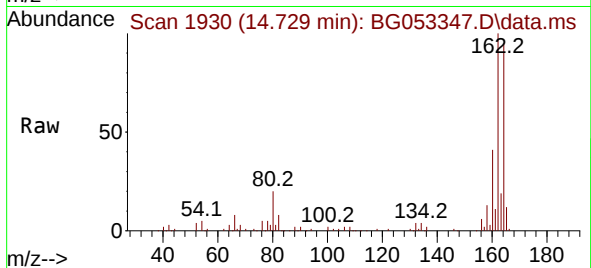




#57
2,4-Dinitrotoluene
Concen: 5.449 ng
RT: 14.729 min Scan# 1930
Delta R.T. -0.364 min
Lab File: BG053347.D
Acq: 27 Apr 2022 14:53

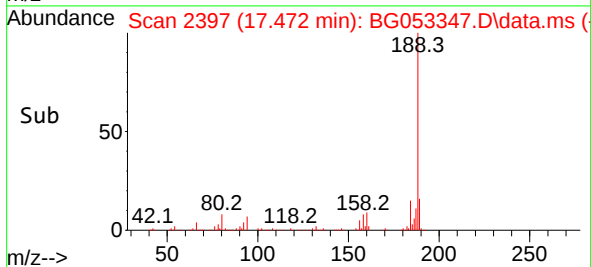
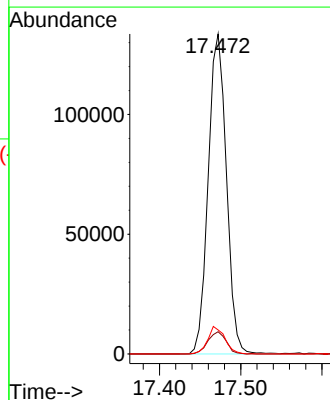
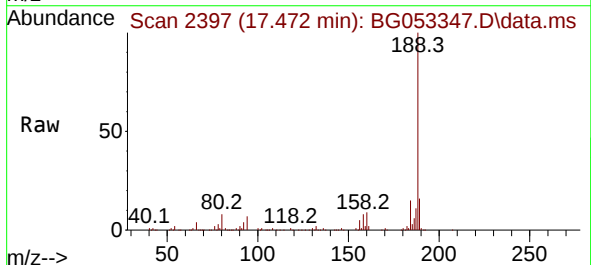
Instrument :
BNA_G
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SVOC-FB

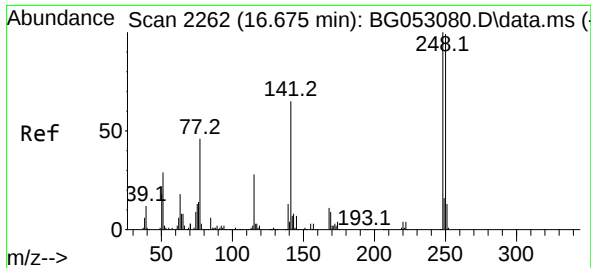
Tgt Ion:165 Resp: 10314
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 2.7 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.472 min Scan# 2397
Delta R.T. -0.011 min
Lab File: BG053347.D
Acq: 27 Apr 2022 14:53

Tgt Ion:188 Resp: 207607
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 7.5 7.2 10.8

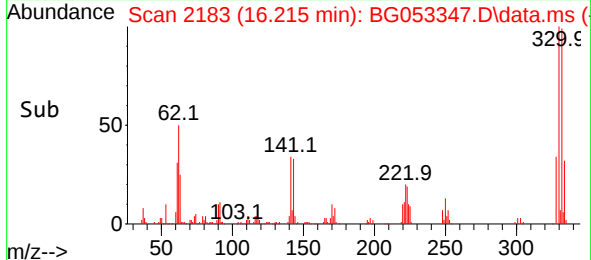
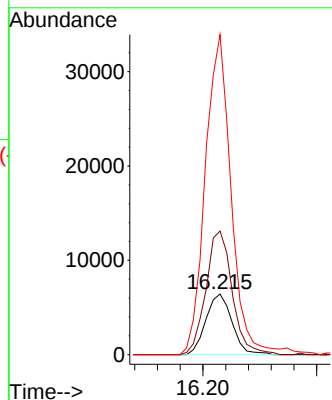
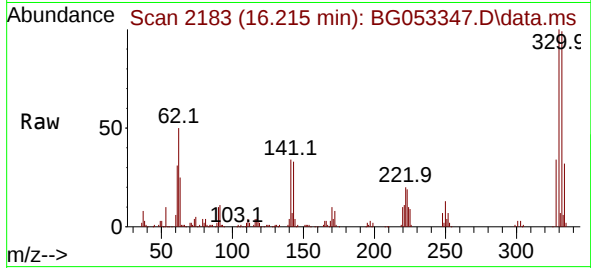




#67
4-Bromophenyl-phenylether
Concen: 3.851 ng
RT: 16.215 min Scan# 21183
Delta R.T. -0.446 min
Lab File: BG053347.D
Acq: 27 Apr 2022 14:53

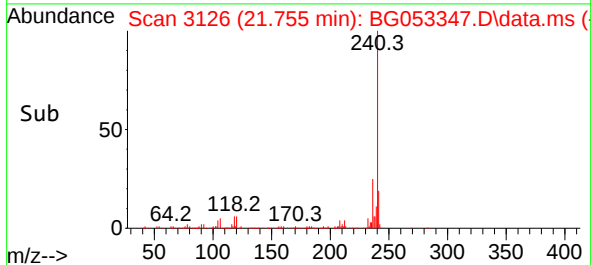
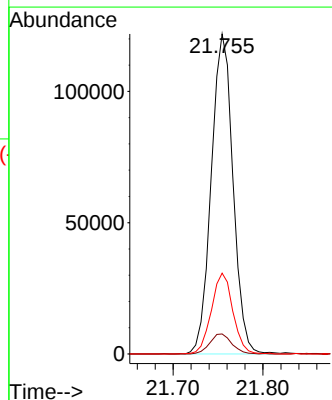
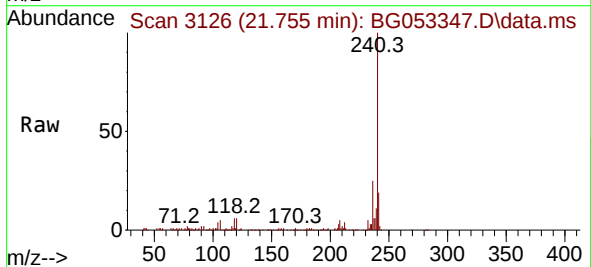
Instrument :
BNA_G
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SVOC-FB

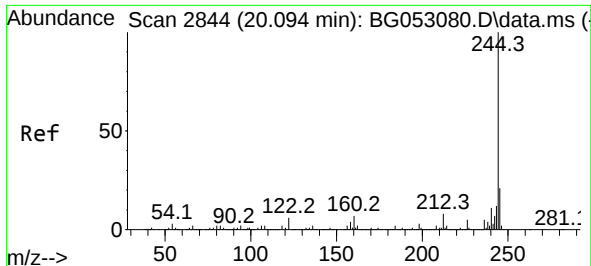
Tgt Ion:248 Resp: 10243
Ion Ratio Lower Upper
248 100
250 204.1 77.9 116.9#
141 527.6 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.755 min Scan# 3126
Delta R.T. -0.011 min
Lab File: BG053347.D
Acq: 27 Apr 2022 14:53

Tgt Ion:240 Resp: 204661
Ion Ratio Lower Upper
240 100
120 6.3 5.4 8.0
236 25.3 19.8 29.6

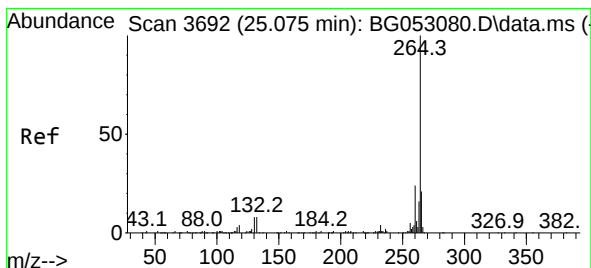
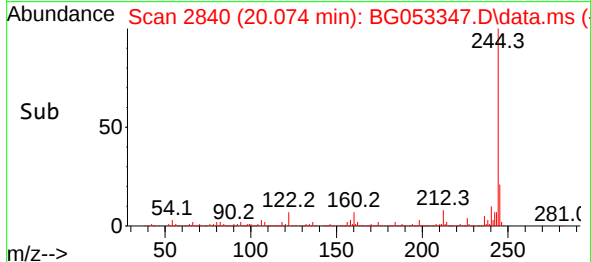
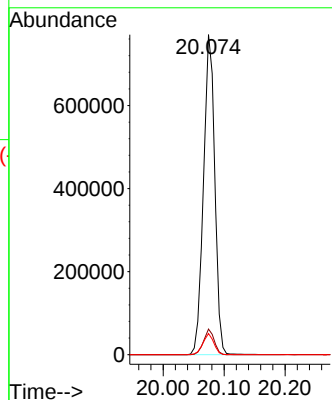
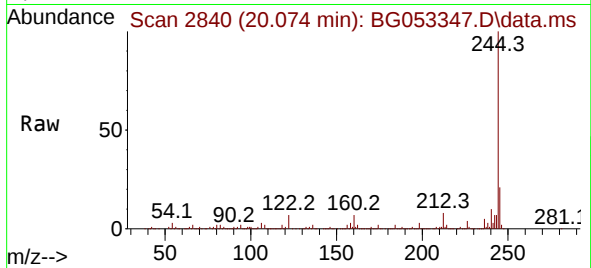




#79
 Terphenyl-d14
 Concen: 81.698 ng
 RT: 20.074 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG053347.D
 Acq: 27 Apr 2022 14:53

Instrument :
 BNA_G
 ClientSampleId :
 SVOC-FB

Tgt Ion:244 Resp: 990014
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.2
 122 6.6 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.050 min Scan# 3687
 Delta R.T. -0.011 min
 Lab File: BG053347.D
 Acq: 27 Apr 2022 14:53

Tgt Ion:264 Resp: 208000
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.2 27.2
 265 20.9 15.1 22.7

