

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030722\
 Data File : BG052597.D
 Acq On : 7 Mar 2022 19:29
 Operator : CG/JU
 Sample : N1730-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 11-12-SAMPLE-LOCATION-6

Quant Time: Mar 08 01:29:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 08 01:09:10 2022
 Response via : Initial Calibration

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

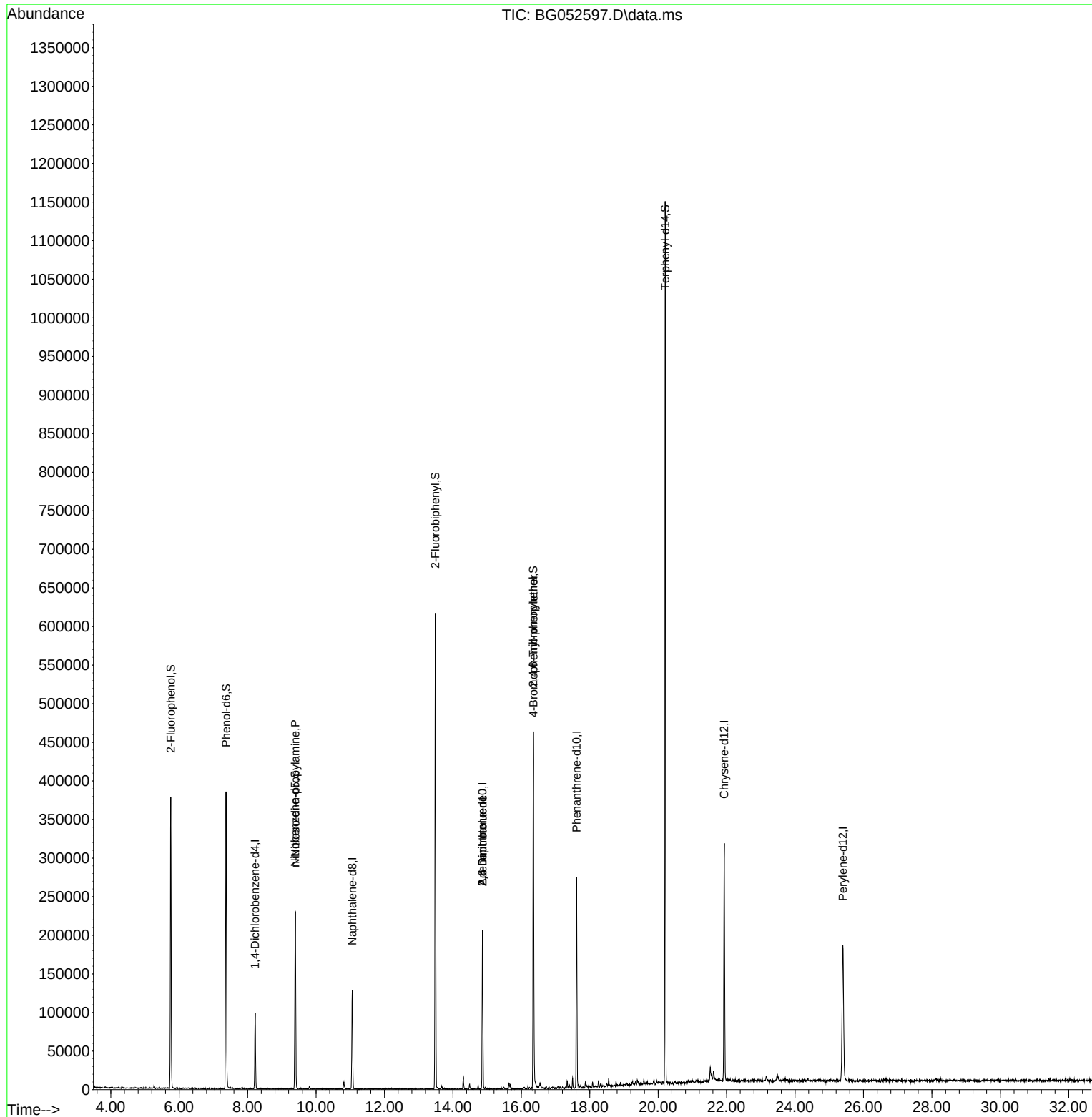
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	27641	20.000	ng	0.00
21) Naphthalene-d8	11.059	136	111108	20.000	ng	# 0.00
39) Acenaphthene-d10	14.866	164	77533	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	186204	20.000	ng	0.00
76) Chrysene-d12	21.933	240	208592	20.000	ng	# 0.00
86) Perylene-d12	25.398	264	217938	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	167890	103.482	ng	0.00
7) Phenol-d6	7.370	99	223862	98.197	ng	0.00
23) Nitrobenzene-d5	9.391	82	155474	63.793	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	105162	94.376	ng	0.00
45) 2-Fluorobiphenyl	13.485	172	339611	60.399	ng	0.00
79) Terphenyl-d14	20.206	244	618875	53.131	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.397	70	21681	13.968	ng	# 75
51) 2,6-Dinitrotoluene	14.866	165	10012	7.725	ng	# 19
57) 2,4-Dinitrotoluene	14.866	165	10012	5.461	ng	# 17
67) 4-Bromophenyl-phenylether	16.358	248	6386	2.838	ng	# 1

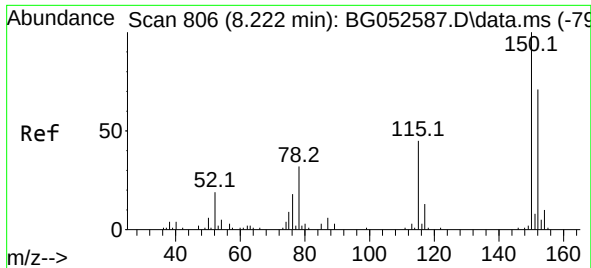
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030722\
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11-12-SAMPLE-LOCATION-6

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Response via : Initial Calibration

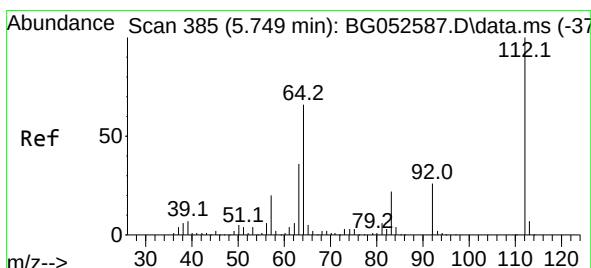
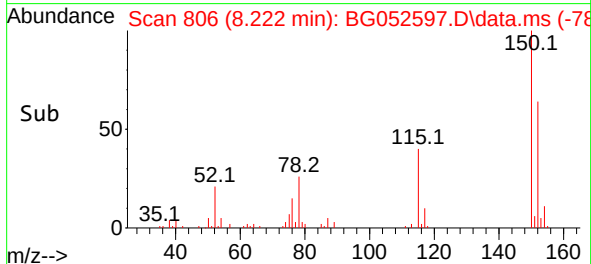
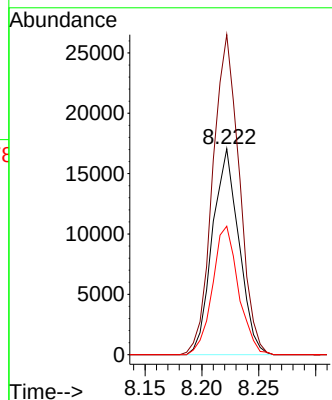
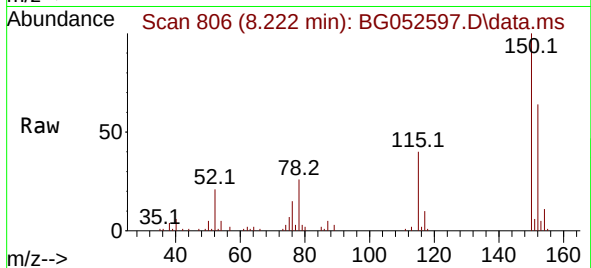




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.222 min Scan# 806
Delta R.T. -0.000 min
Lab File: BG052597.D
Acq: 7 Mar 2022 19:29

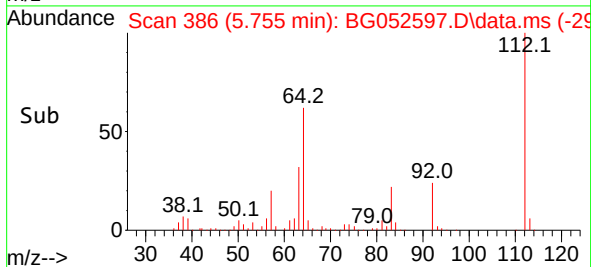
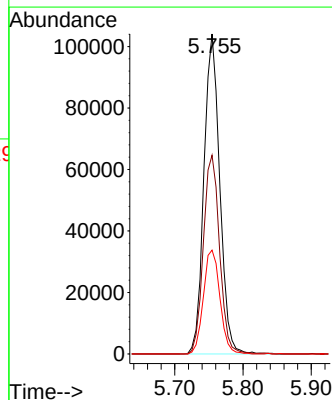
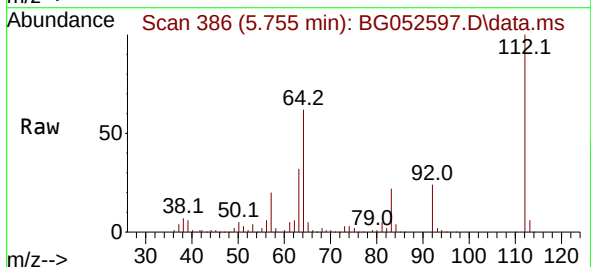
Instrument :
BNA_G
ClientSampleId :
11-12-SAMPLE-LOCATION-6

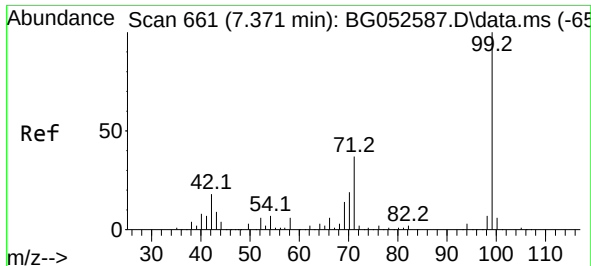
Tgt Ion:152 Resp: 27641
Ion Ratio Lower Upper
152 100
150 155.4 117.8 176.8
115 62.4 50.2 75.2



#5
2-Fluorophenol
Concen: 103.482 ng
RT: 5.755 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052597.D
Acq: 7 Mar 2022 19:29

Tgt Ion:112 Resp: 167890
Ion Ratio Lower Upper
112 100
64 62.1 60.4 90.6
63 32.4 33.3 49.9#

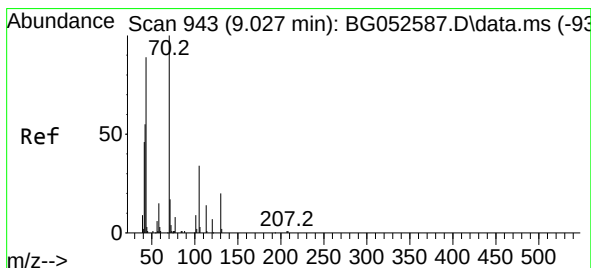
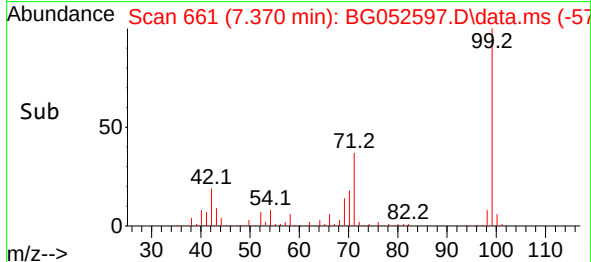
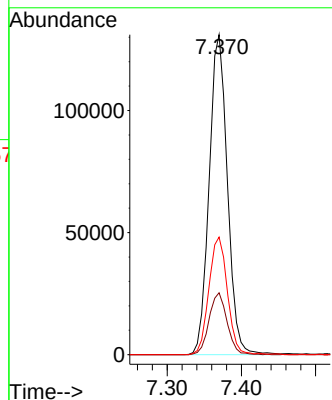
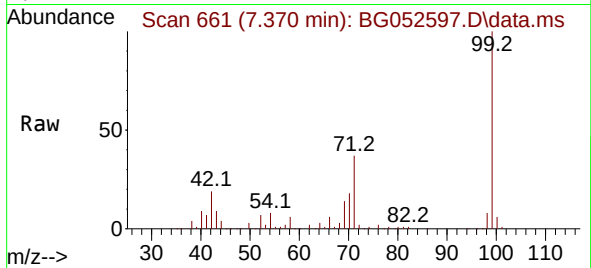




#7
Phenol-d6
Concen: 98.197 ng
RT: 7.370 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG052597.D
Acq: 7 Mar 2022 19:29

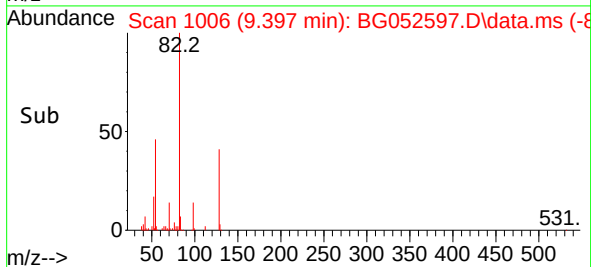
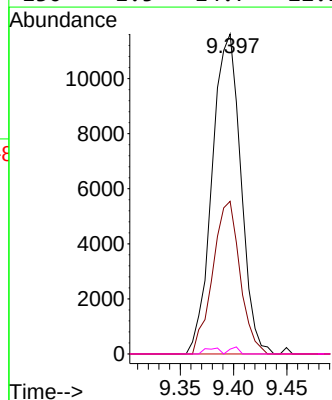
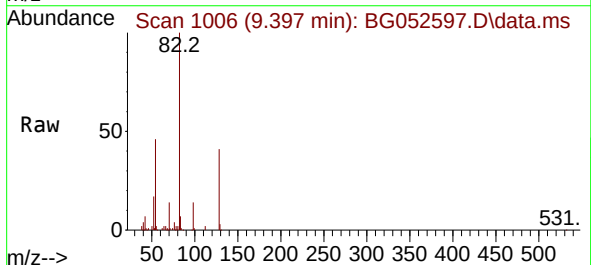
Instrument :
BNA_G
ClientSampleId :
11-12-SAMPLE-LOCATION-6

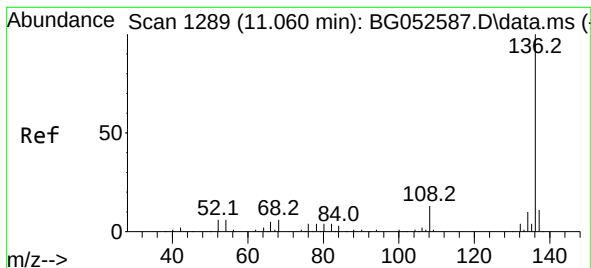
Tgt Ion: 99 Resp: 223862
Ion Ratio Lower Upper
99 100
42 19.4 19.1 28.7
71 36.7 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.968 ng
RT: 9.397 min Scan# 1006
Delta R.T. 0.369 min
Lab File: BG052597.D
Acq: 7 Mar 2022 19:29

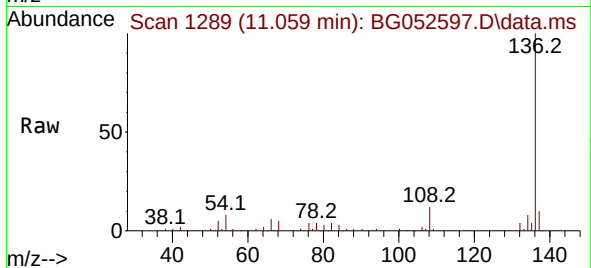
Tgt Ion: 70 Resp: 21681
Ion Ratio Lower Upper
70 100
42 47.7 51.8 77.6#
101 0.0 6.6 10.0#
130 1.5 14.7 22.1#



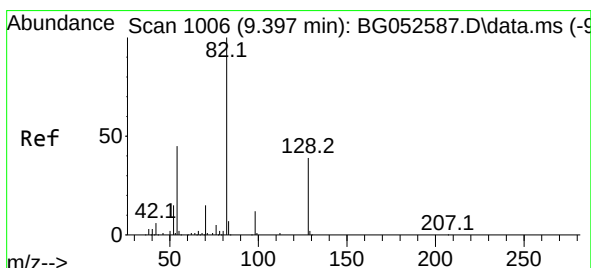
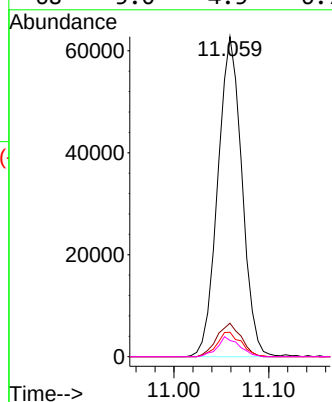
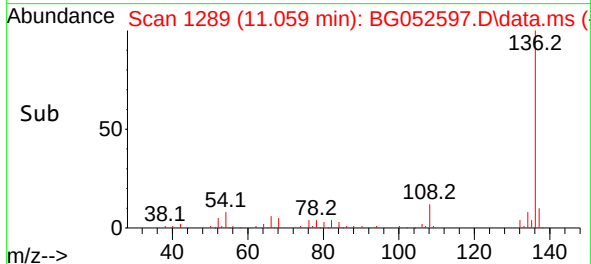


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.059 min Scan# 111108
Delta R.T. -0.001 min
Lab File: BG052597.D
Acq: 7 Mar 2022 19:29

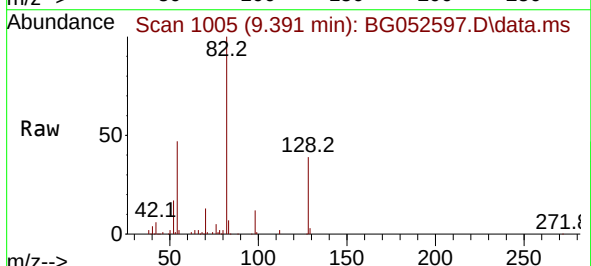
Instrument : BNA_G
ClientSampleId : 11-12-SAMPLE-LOCATION-6



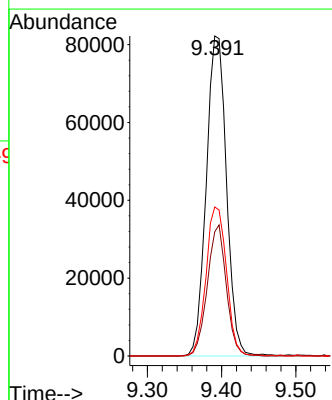
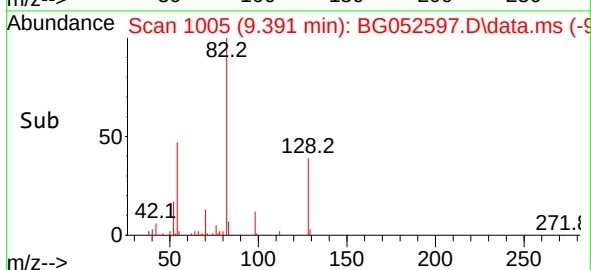
Tgt Ion:136 Resp: 111108
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 7.7 8.3 12.5#
68 5.0 4.5 6.7

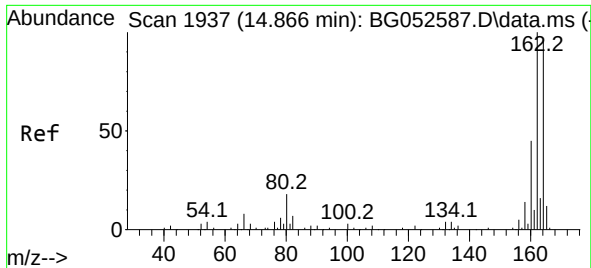


#23
Nitrobenzene-d5
Concen: 63.793 ng
RT: 9.391 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BG052597.D
Acq: 7 Mar 2022 19:29



Tgt Ion: 82 Resp: 155474
Ion Ratio Lower Upper
82 100
128 38.8 27.0 40.4
54 46.6 41.0 61.6

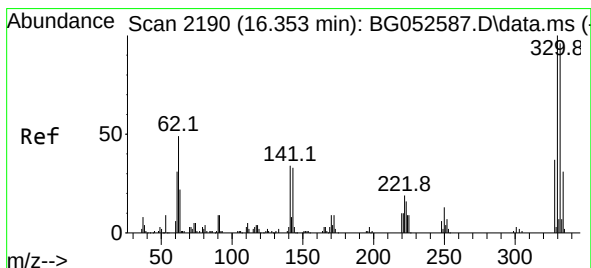
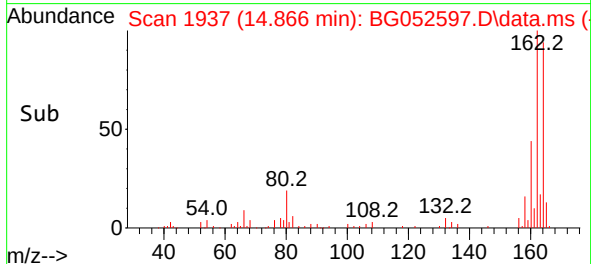
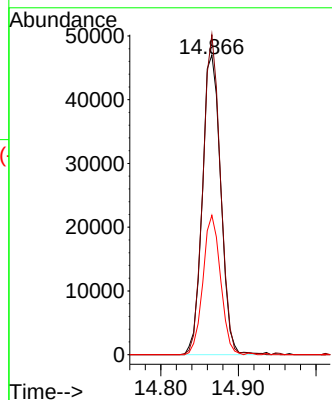
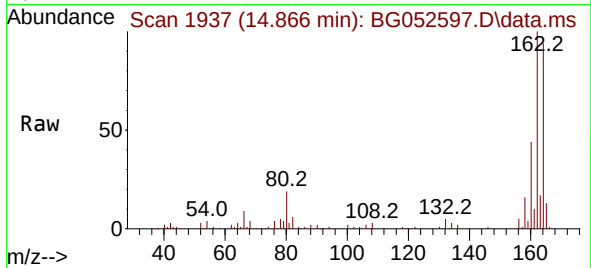




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.866 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BG052597.D
Acq: 7 Mar 2022 19:29

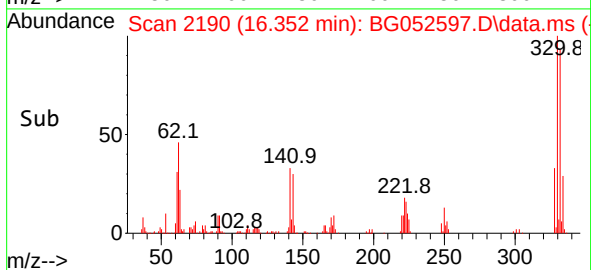
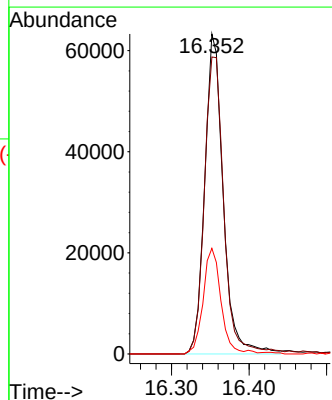
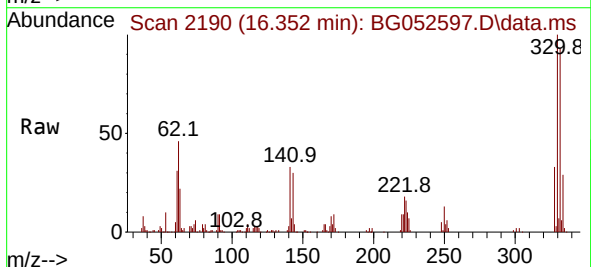
Instrument : BNA_G
ClientSampleId : 11-12-SAMPLE-LOCATION-6

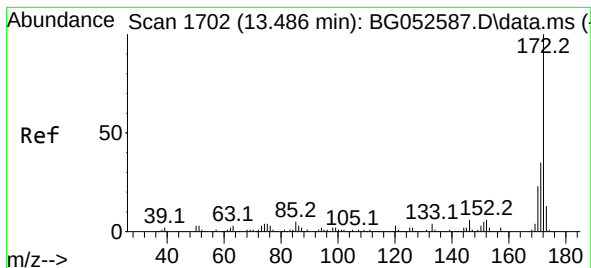
Tgt Ion:164 Resp: 77533
Ion Ratio Lower Upper
164 100
162 106.8 82.2 123.2
160 46.5 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 94.376 ng
RT: 16.352 min Scan# 2190
Delta R.T. -0.001 min
Lab File: BG052597.D
Acq: 7 Mar 2022 19:29

Tgt Ion:330 Resp: 105162
Ion Ratio Lower Upper
330 100
332 98.2 78.6 117.8
141 32.0 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 60.399 ng

RT: 13.485 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG052597.D

Acq: 7 Mar 2022 19:29

Instrument :

BNA_G

ClientSampleId :

11-12-SAMPLE-LOCATION-6

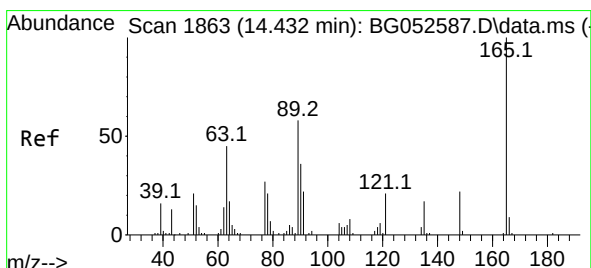
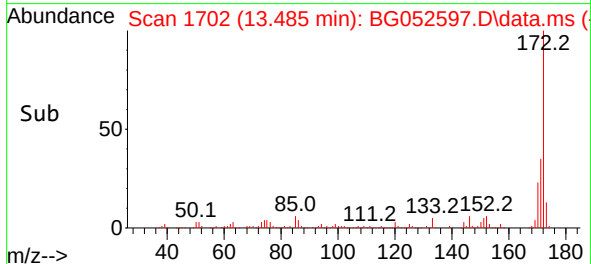
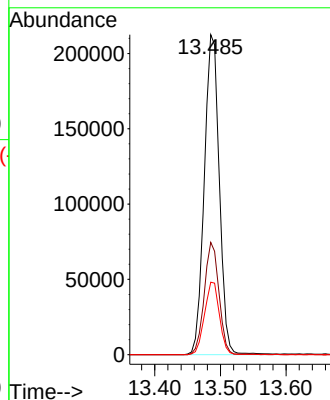
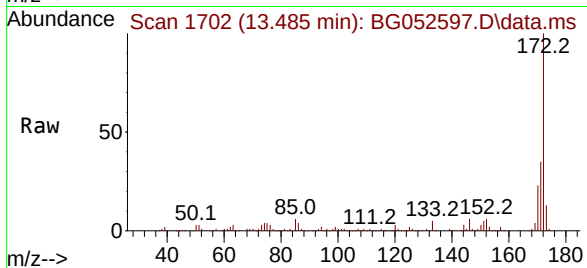
Tgt Ion:172 Resp: 339611

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 22.6 18.3 27.5



#51

2,6-Dinitrotoluene

Concen: 7.725 ng

RT: 14.866 min Scan# 1937

Delta R.T. 0.434 min

Lab File: BG052597.D

Acq: 7 Mar 2022 19:29

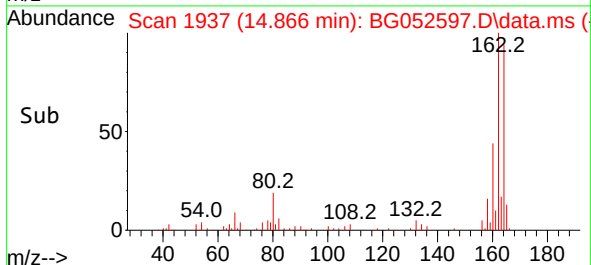
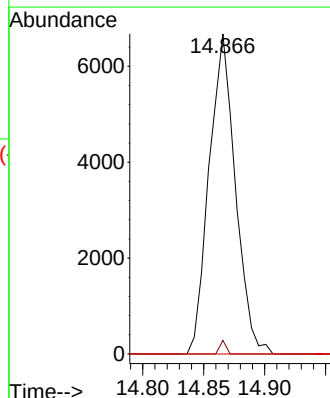
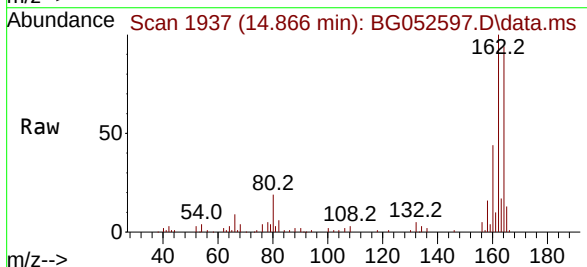
Tgt Ion:165 Resp: 10012

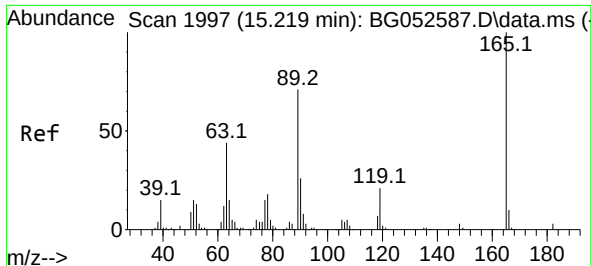
Ion Ratio Lower Upper

165 100

63 4.3 59.0 88.4#

89 0.0 49.4 74.0#





#57

2,4-Dinitrotoluene

Concen: 5.461 ng

RT: 14.866 min Scan# 1997

Delta R.T. -0.353 min

Lab File: BG052597.D

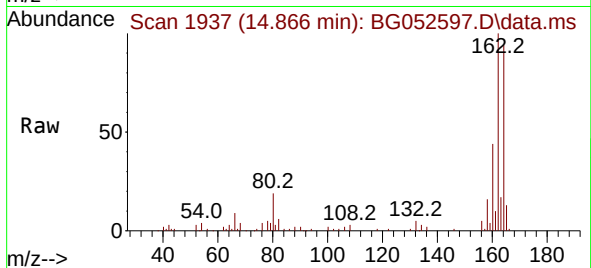
Acq: 7 Mar 2022 19:29

Instrument :

BNA_G

ClientSampleId :

11-12-SAMPLE-LOCATION-6



Tgt Ion:165 Resp: 10012

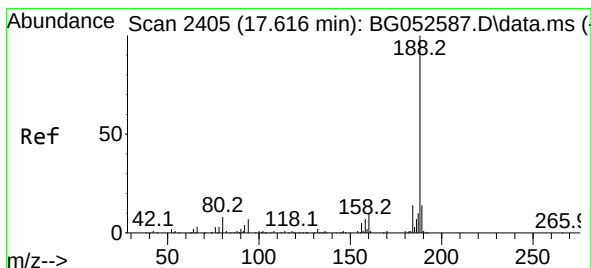
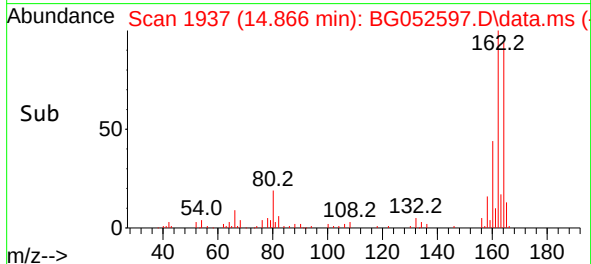
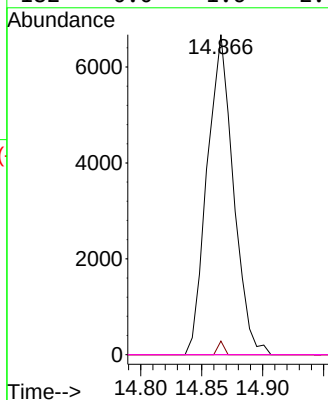
Ion Ratio Lower Upper

165 100

63 4.3 44.6 66.8#

89 0.0 67.4 101.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.615 min Scan# 2405

Delta R.T. -0.001 min

Lab File: BG052597.D

Acq: 7 Mar 2022 19:29

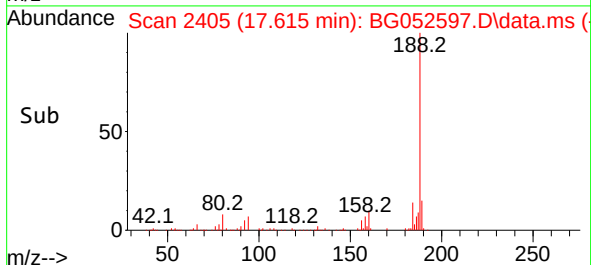
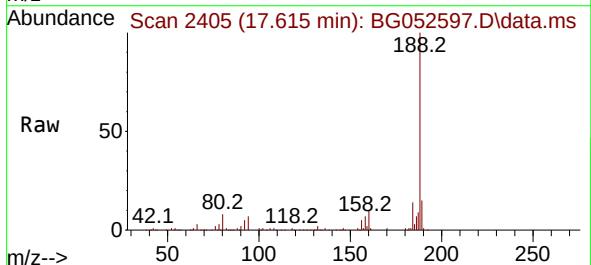
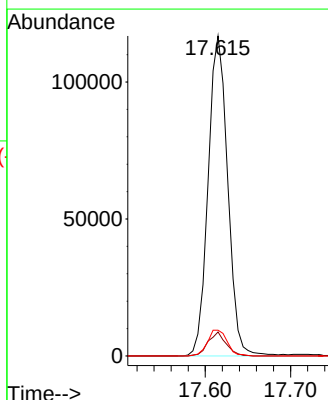
Tgt Ion:188 Resp: 186204

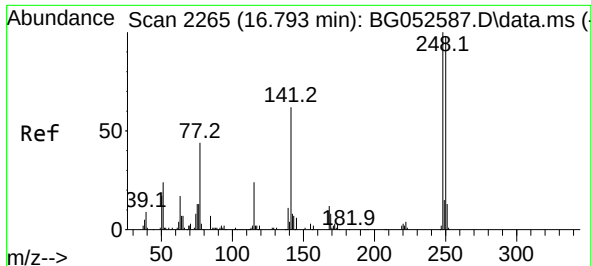
Ion Ratio Lower Upper

188 100

94 7.5 5.9 8.9

80 8.1 6.6 10.0

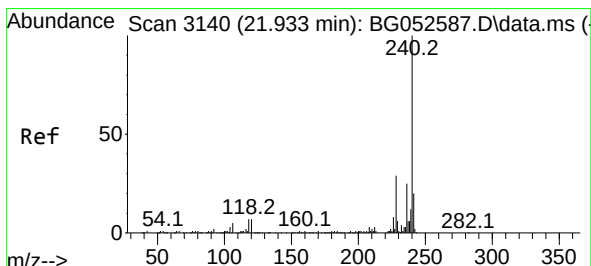
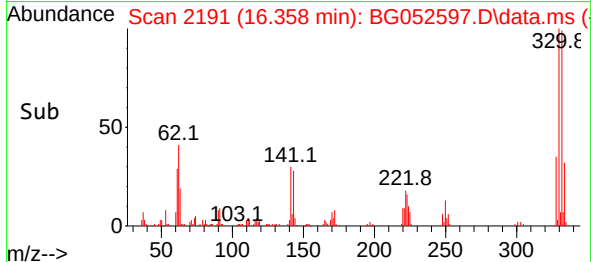
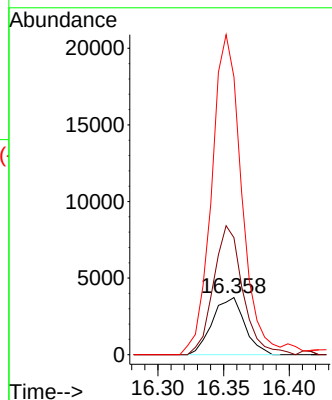
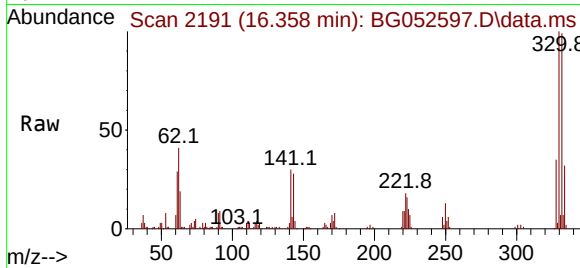




#67
4-Bromophenyl-phenylether
Concen: 2.838 ng
RT: 16.358 min Scan# 2191
Delta R.T. -0.435 min
Lab File: BG052597.D
Acq: 7 Mar 2022 19:29

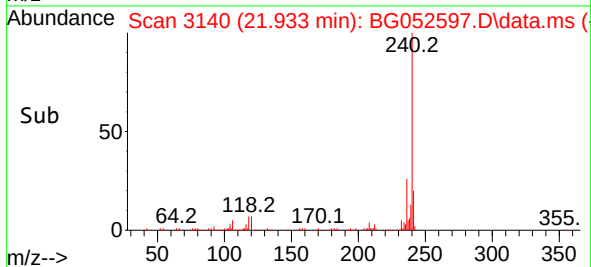
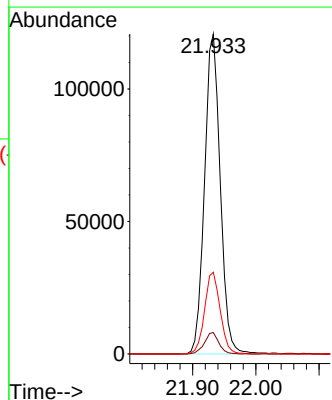
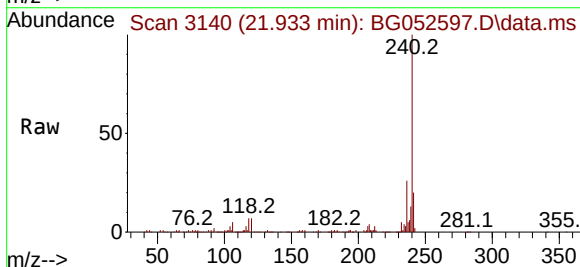
Instrument :
BNA_G
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11-12-SAMPLE-LOCATION-6

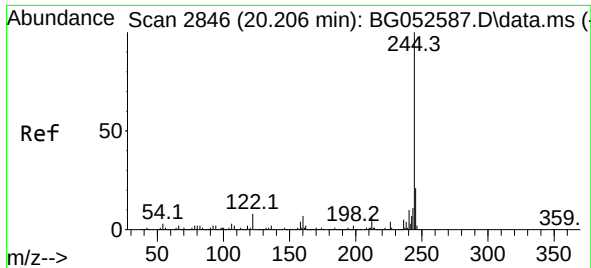
Tgt Ion:248 Resp: 6386
Ion Ratio Lower Upper
248 100
250 204.9 79.6 119.4#
141 486.2 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.933 min Scan# 3140
Delta R.T. -0.001 min
Lab File: BG052597.D
Acq: 7 Mar 2022 19:29

Tgt Ion:240 Resp: 208592
Ion Ratio Lower Upper
240 100
120 6.7 4.4 6.6#
236 25.6 20.8 31.2

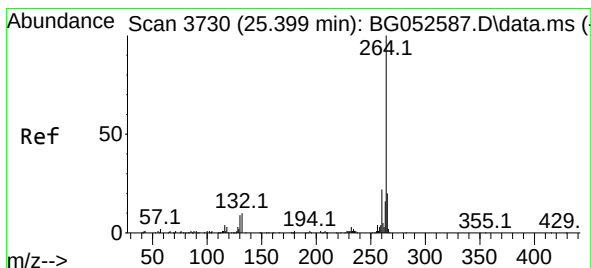
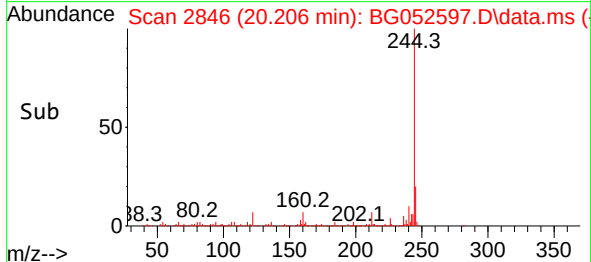
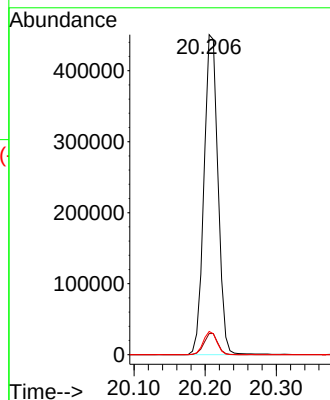
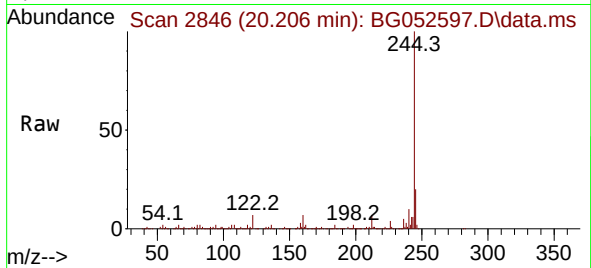




#79
 Terphenyl-d14
 Concen: 53.131 ng
 RT: 20.206 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG052597.D
 Acq: 7 Mar 2022 19:29

Instrument :
 BNA_G
 ClientSampleId :
 11-12-SAMPLE-LOCATION-6

Tgt Ion:244 Resp: 618875
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 7.2 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.398 min Scan# 3730
 Delta R.T. -0.001 min
 Lab File: BG052597.D
 Acq: 7 Mar 2022 19:29

Tgt Ion:264 Resp: 217938
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.5 27.7
 265 22.3 17.8 26.6

