

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
 Data File : BG055807.D
 Acq On : 28 Nov 2022 16:22
 Operator : CG/JU
 Sample : N5752-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-12S

Quant Time: Nov 29 02:10:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 02:02:15 2022
 Response via : Initial Calibration

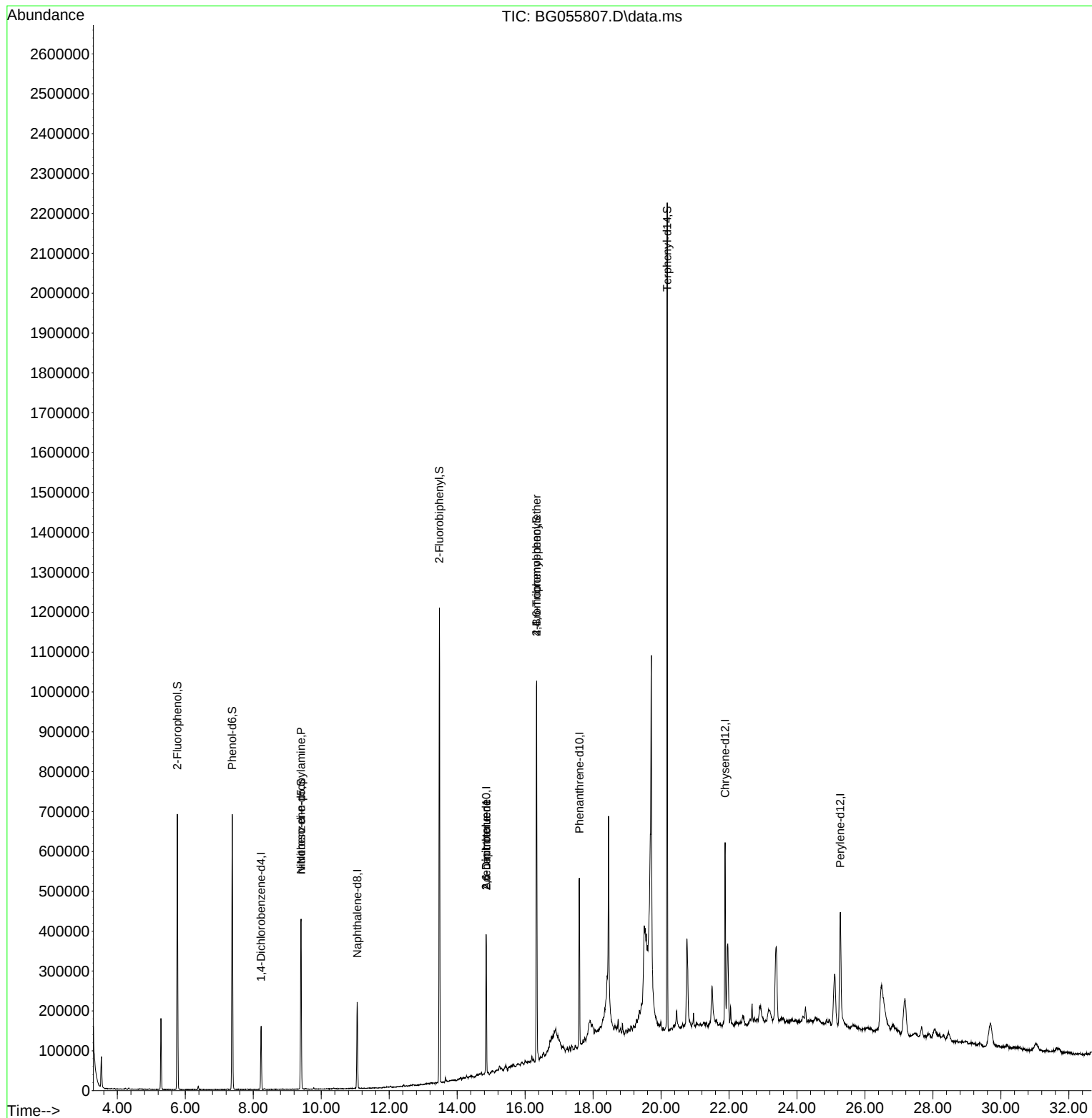
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	46045	20.000	ng	0.00
21) Naphthalene-d8	11.056	136	185839	20.000	ng	0.00
39) Acenaphthene-d10	14.851	164	125675	20.000	ng	0.00
64) Phenanthrene-d10	17.595	188	282774	20.000	ng	0.00
76) Chrysene-d12	21.884	240	289382	20.000	ng	0.00
86) Perylene-d12	25.274	264	305213	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	307593	120.747	ng	0.00
7) Phenol-d6	7.378	99	401341	118.354	ng	0.00
23) Nitrobenzene-d5	9.405	82	257694	73.291	ng	0.00
42) 2,4,6-Tribromophenol	16.338	330	204338	115.467	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	619487	73.847	ng	0.00
79) Terphenyl-d14	20.180	244	1011209	69.892	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.405	70	34991	13.430	ng	# 74
51) 2,6-Dinitrotoluene	14.851	165	17802	8.691	ng	# 26
57) 2,4-Dinitrotoluene	14.851	165	17802	6.164	ng	# 24
67) 4-Bromophenyl-phenylether	16.338	248	13344	4.142	ng	# 1

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

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BNA_G
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Quant Time: Nov 29 02:10:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11622.M
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Response via : Initial Calibration

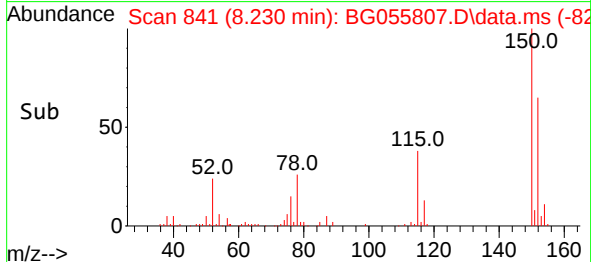
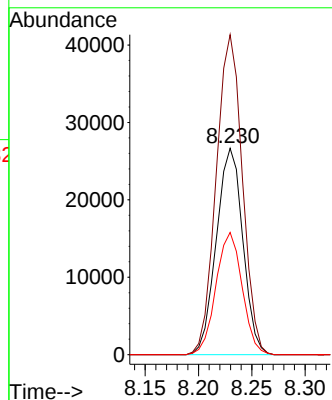
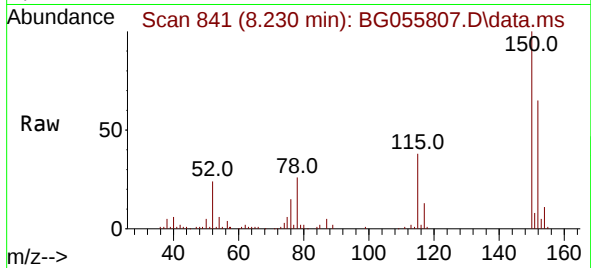




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.230 min Scan# 845
 Delta R.T. -0.001 min
 Lab File: BG055807.D
 Acq: 28 Nov 2022 16:22

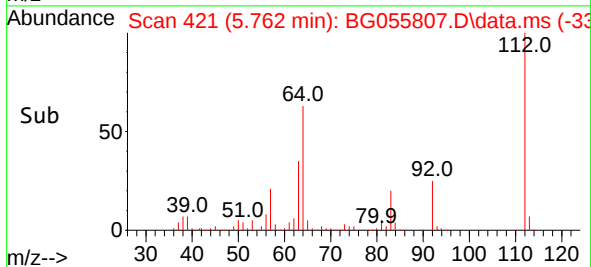
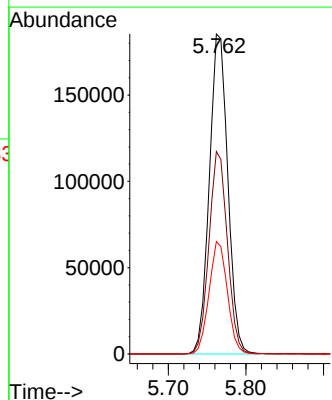
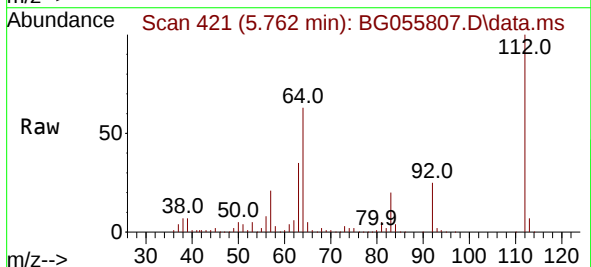
Instrument :
 BNA_G
 ClientSampleId :
 B-12S

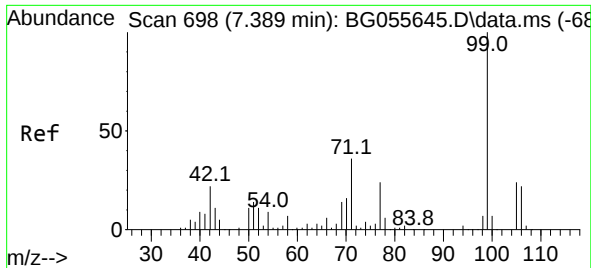
Tgt Ion:152 Resp: 46045
 Ion Ratio Lower Upper
 152 100
 150 155.0 123.0 184.6
 115 59.2 47.0 70.4



#5
 2-Fluorophenol
 Concen: 120.747 ng
 RT: 5.762 min Scan# 421
 Delta R.T. 0.004 min
 Lab File: BG055807.D
 Acq: 28 Nov 2022 16:22

Tgt Ion:112 Resp: 307593
 Ion Ratio Lower Upper
 112 100
 64 63.3 50.6 76.0
 63 35.2 27.5 41.3

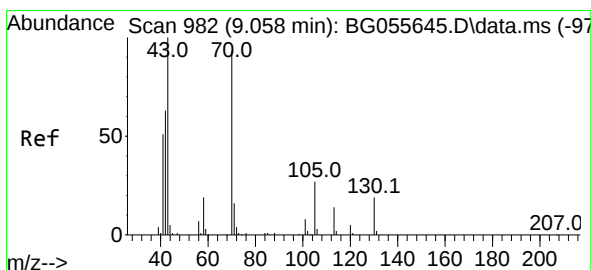
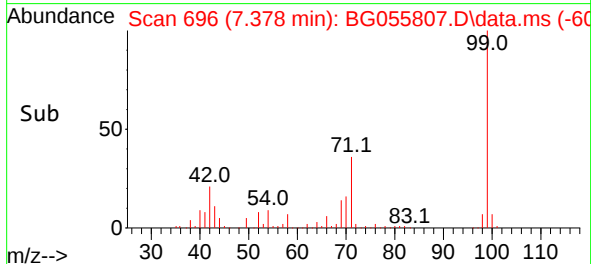
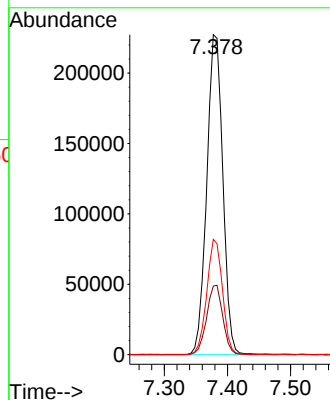
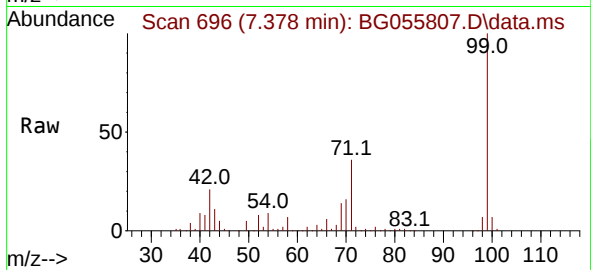




#7
Phenol-d6
Concen: 118.354 ng
RT: 7.378 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG055807.D
Acq: 28 Nov 2022 16:22

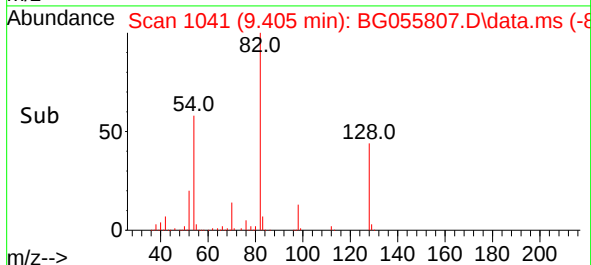
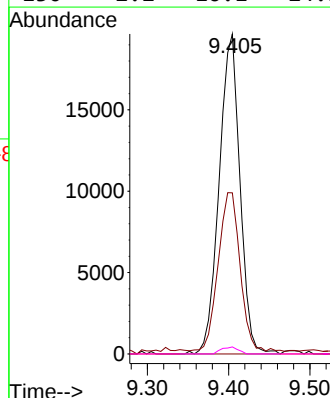
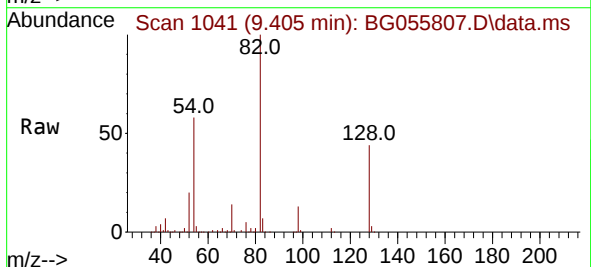
Instrument :
BNA_G
ClientSampleId :
B-12S

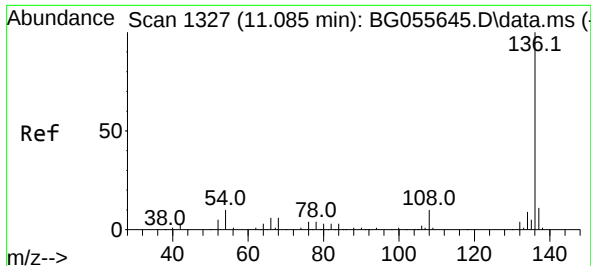
Tgt Ion: 99 Resp: 401341
Ion Ratio Lower Upper
99 100
42 21.4 18.0 27.0
71 36.0 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.430 ng
RT: 9.405 min Scan# 1041
Delta R.T. 0.368 min
Lab File: BG055807.D
Acq: 28 Nov 2022 16:22

Tgt Ion: 70 Resp: 34991
Ion Ratio Lower Upper
70 100
42 50.3 55.2 82.8#
101 0.0 7.1 10.7#
130 2.2 16.1 24.1#

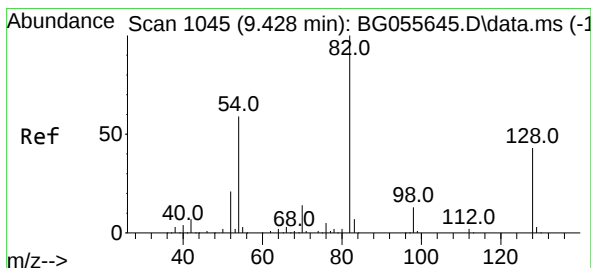
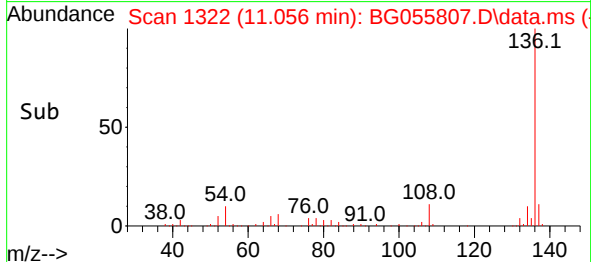
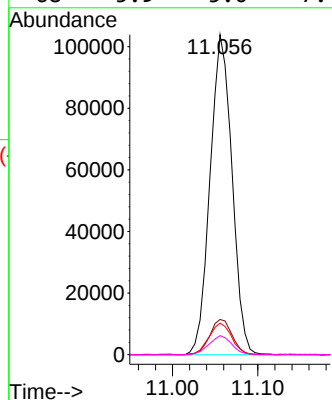
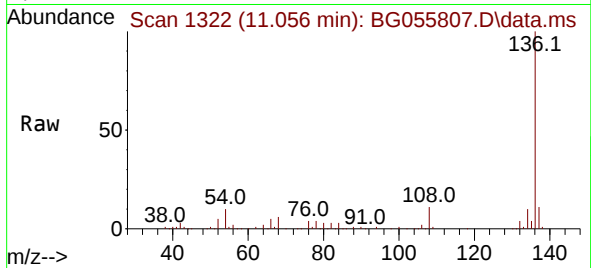




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.056 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG055807.D
Acq: 28 Nov 2022 16:22

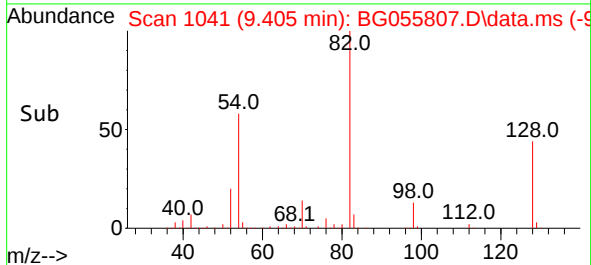
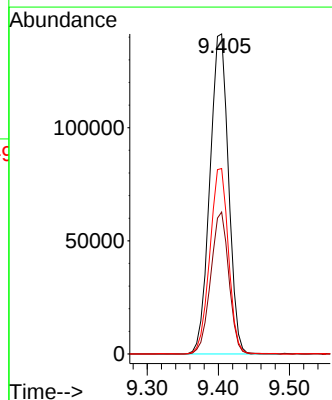
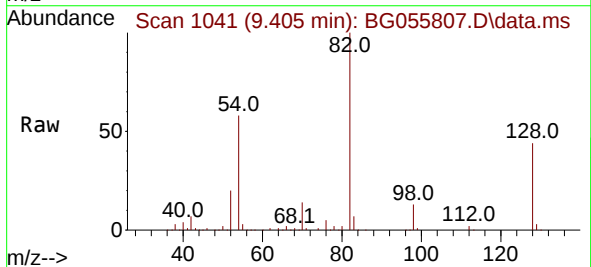
Instrument :
BNA_G
ClientSampleId :
B-12S

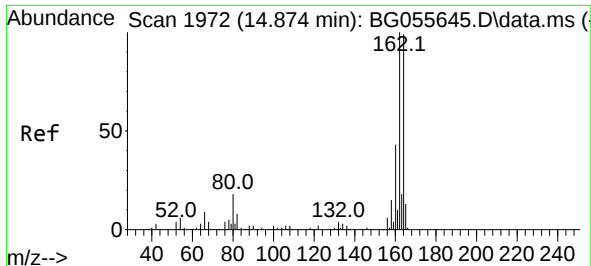
Tgt Ion:	136	Resp:	185839
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	9.8	7.8	11.6
68	5.9	5.0	7.4



#23
Nitrobenzene-d5
Concen: 73.291 ng
RT: 9.405 min Scan# 1041
Delta R.T. -0.002 min
Lab File: BG055807.D
Acq: 28 Nov 2022 16:22

Tgt Ion:	82	Resp:	257694
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.1	51.1
54	58.0	47.3	70.9

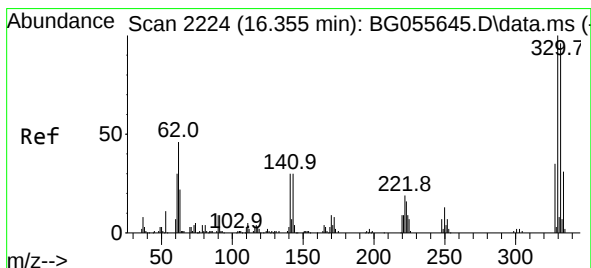
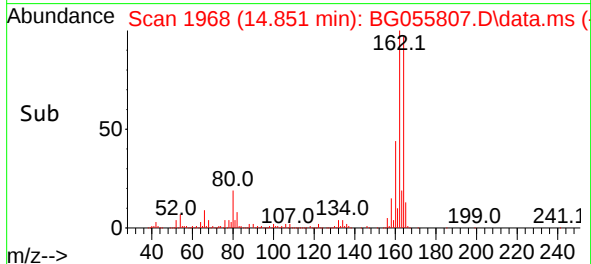
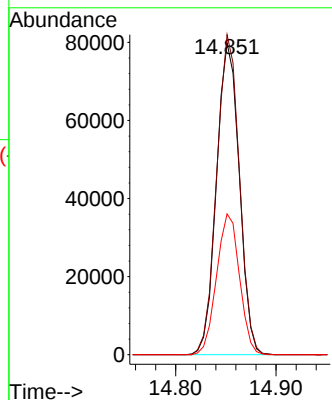
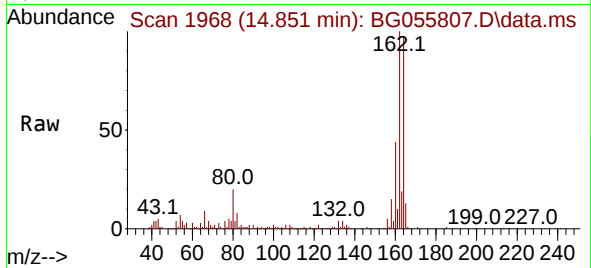




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.851 min Scan# 1972
Delta R.T. -0.008 min
Lab File: BG055807.D
Acq: 28 Nov 2022 16:22

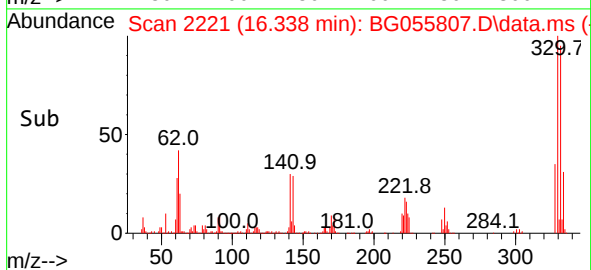
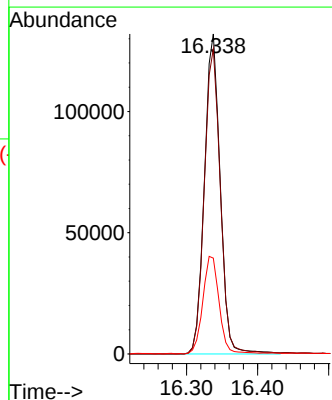
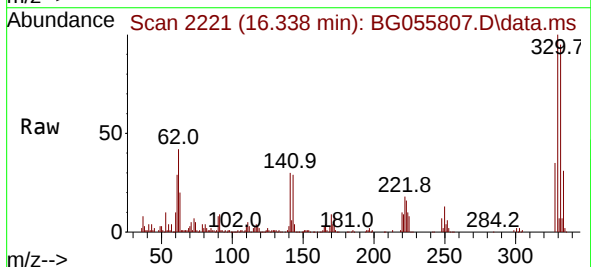
Instrument :
BNA_G
ClientSampleId :
B-12S

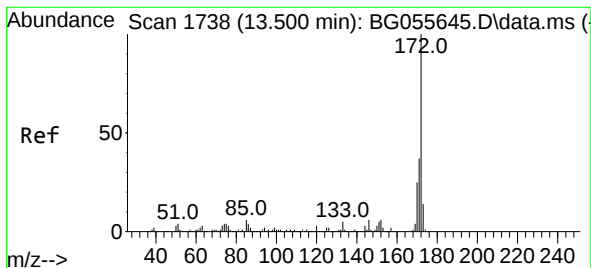
Tgt Ion:164 Resp: 125675
Ion Ratio Lower Upper
164 100
162 102.7 81.1 121.7
160 45.2 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 115.467 ng
RT: 16.338 min Scan# 2221
Delta R.T. -0.002 min
Lab File: BG055807.D
Acq: 28 Nov 2022 16:22

Tgt Ion:330 Resp: 204338
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 32.0 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 73.847 ng

RT: 13.476 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG055807.D

Acq: 28 Nov 2022 16:22

Instrument :

BNA_G

ClientSampleId :

B-12S

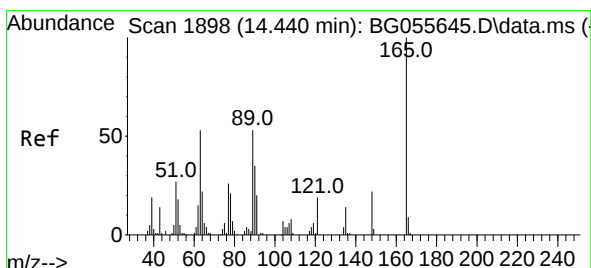
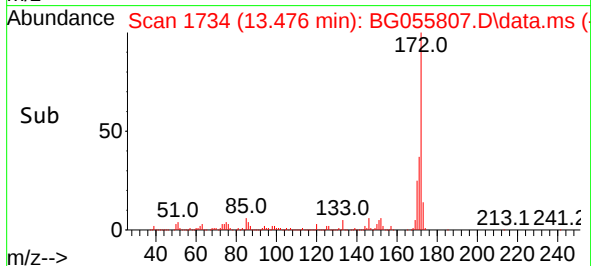
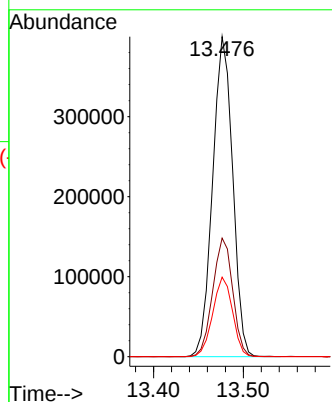
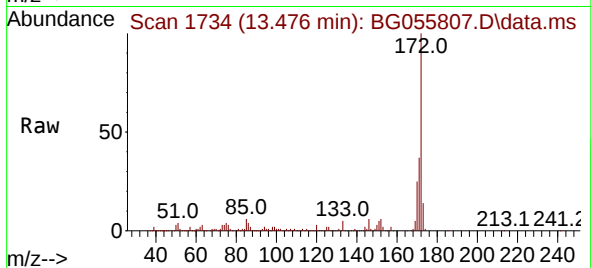
Tgt Ion:172 Resp: 619487

Ion Ratio Lower Upper

172 100

171 37.1 29.8 44.6

170 24.8 20.2 30.4



#51

2,6-Dinitrotoluene

Concen: 8.691 ng

RT: 14.851 min Scan# 1968

Delta R.T. 0.427 min

Lab File: BG055807.D

Acq: 28 Nov 2022 16:22

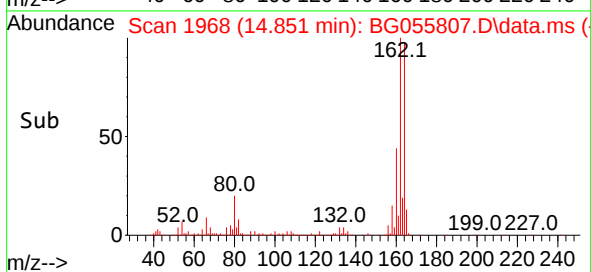
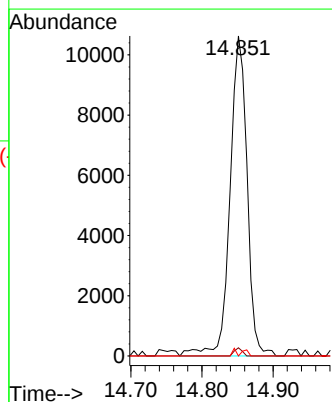
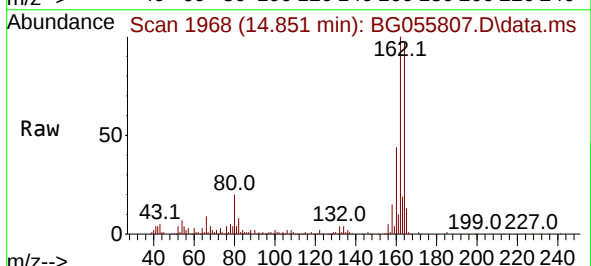
Tgt Ion:165 Resp: 17802

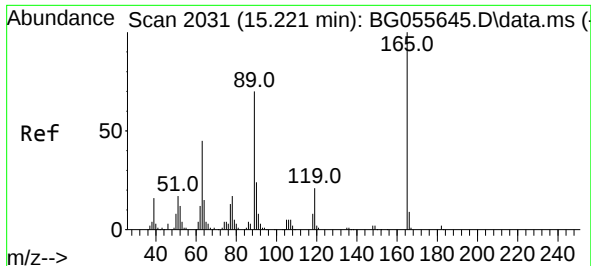
Ion Ratio Lower Upper

165 100

63 2.5 44.6 66.8#

89 0.0 42.2 63.4#

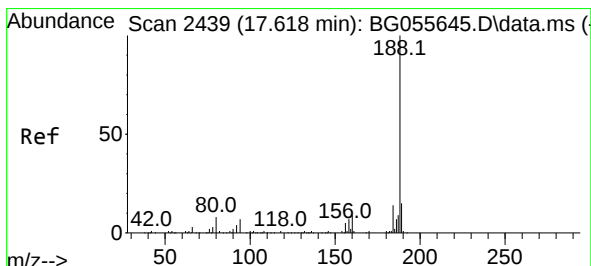
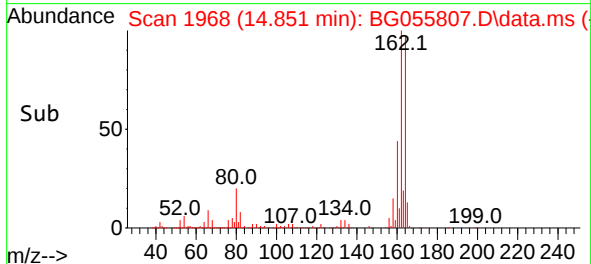
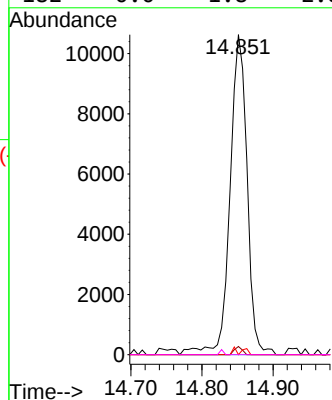
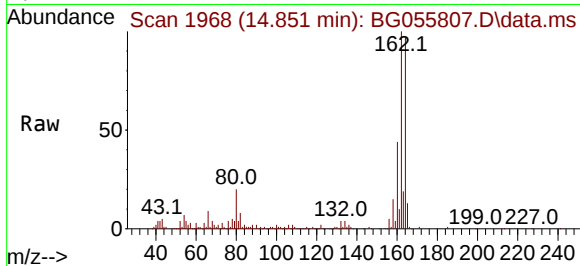




#57
2,4-Dinitrotoluene
Concen: 6.164 ng
RT: 14.851 min Scan# 1968
Delta R.T. -0.360 min
Lab File: BG055807.D
Acq: 28 Nov 2022 16:22

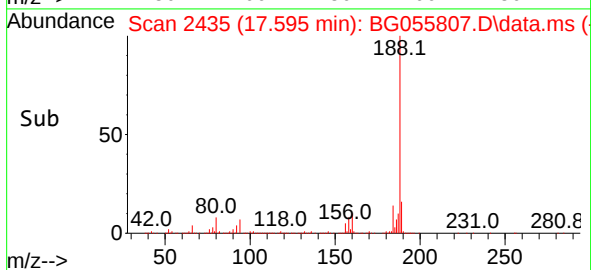
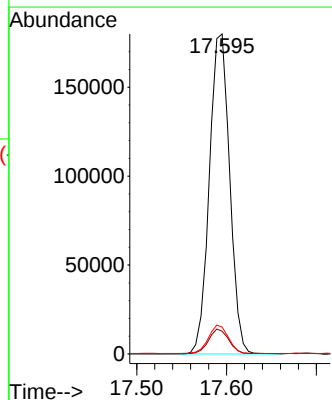
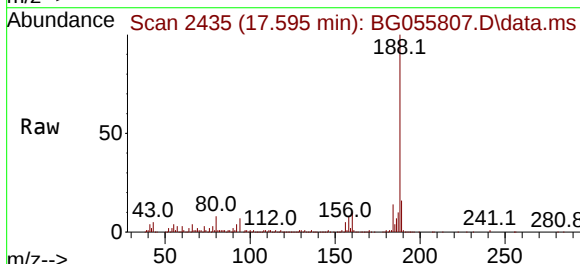
Instrument :
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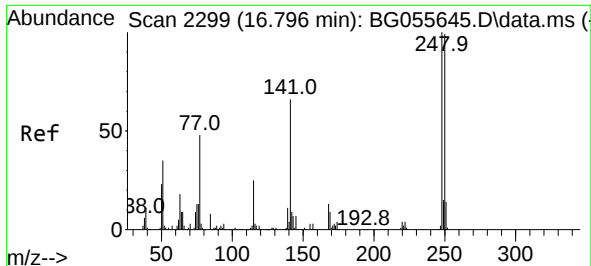
Tgt Ion:165 Resp: 17802
Ion Ratio Lower Upper
165 100
63 2.5 35.8 53.8#
89 0.0 56.2 84.4#
182 0.0 1.8 2.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.595 min Scan# 2435
Delta R.T. -0.002 min
Lab File: BG055807.D
Acq: 28 Nov 2022 16:22

Tgt Ion:188 Resp: 282774
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.2
80 8.4 6.6 10.0

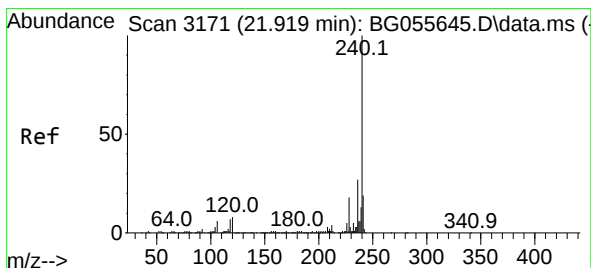
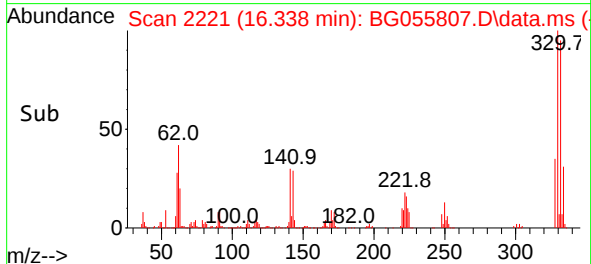
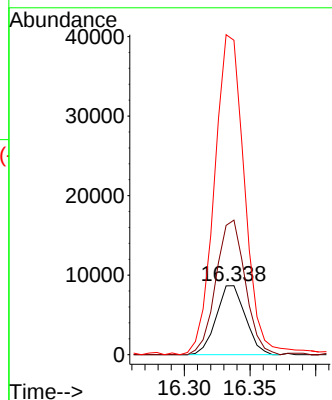
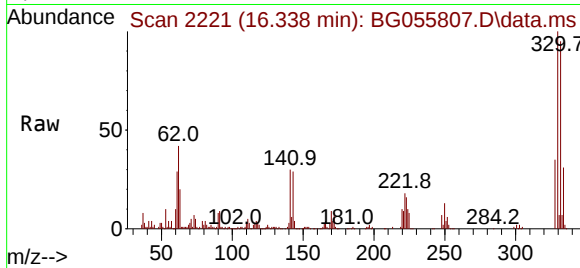




#67
4-Bromophenyl-phenylether
Concen: 4.142 ng
RT: 16.338 min Scan# 21
Delta R.T. -0.436 min
Lab File: BG055807.D
Acq: 28 Nov 2022 16:22

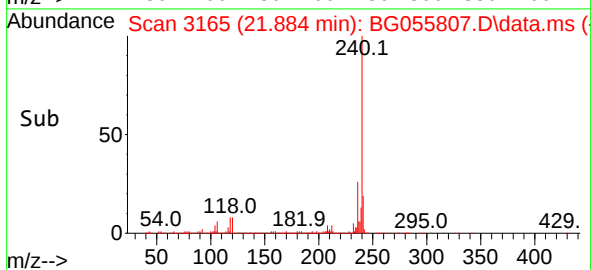
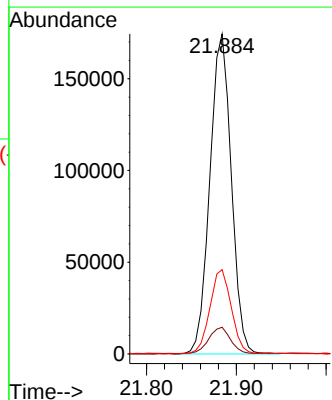
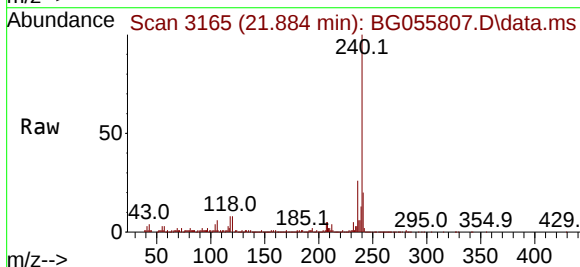
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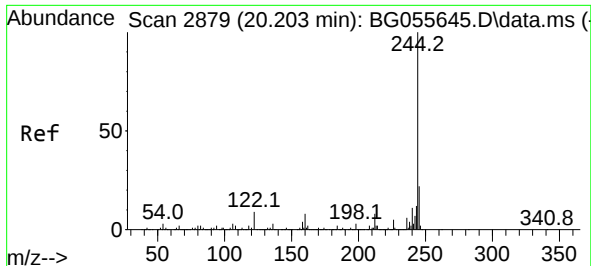
Tgt Ion:248 Resp: 13344
Ion Ratio Lower Upper
248 100
250 195.1 79.0 118.4#
141 456.0 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 3165
Delta R.T. -0.008 min
Lab File: BG055807.D
Acq: 28 Nov 2022 16:22

Tgt Ion:240 Resp: 289382
Ion Ratio Lower Upper
240 100
120 8.4 6.3 9.5
236 26.3 21.9 32.9

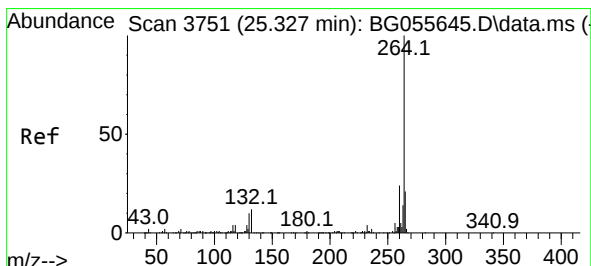
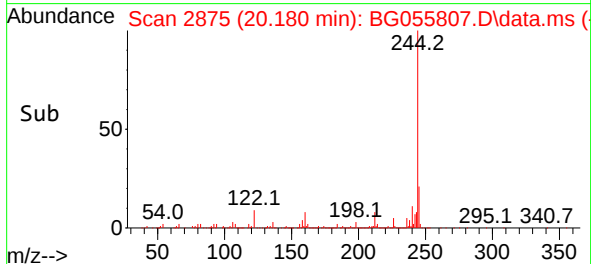
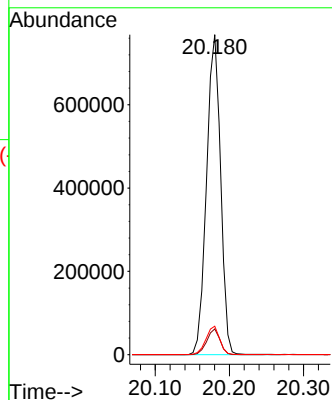
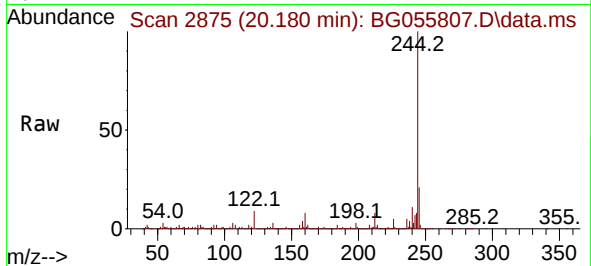




#79
 Terphenyl-d14
 Concen: 69.892 ng
 RT: 20.180 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG055807.D
 Acq: 28 Nov 2022 16:22

Instrument :
 BNA_G
 ClientSampleId :
 B-12S

Tgt Ion:244 Resp: 1011209
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 8.9 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.274 min Scan# 3742
 Delta R.T. -0.013 min
 Lab File: BG055807.D
 Acq: 28 Nov 2022 16:22

Tgt Ion:264 Resp: 305213
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.0 17.1 25.7

