

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030822\
 Data File : BG052613.D
 Acq On : 8 Mar 2022 20:35
 Operator : CG/JU
 Sample : N1825-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUM-33

Quant Time: Mar 09 04:19:14 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

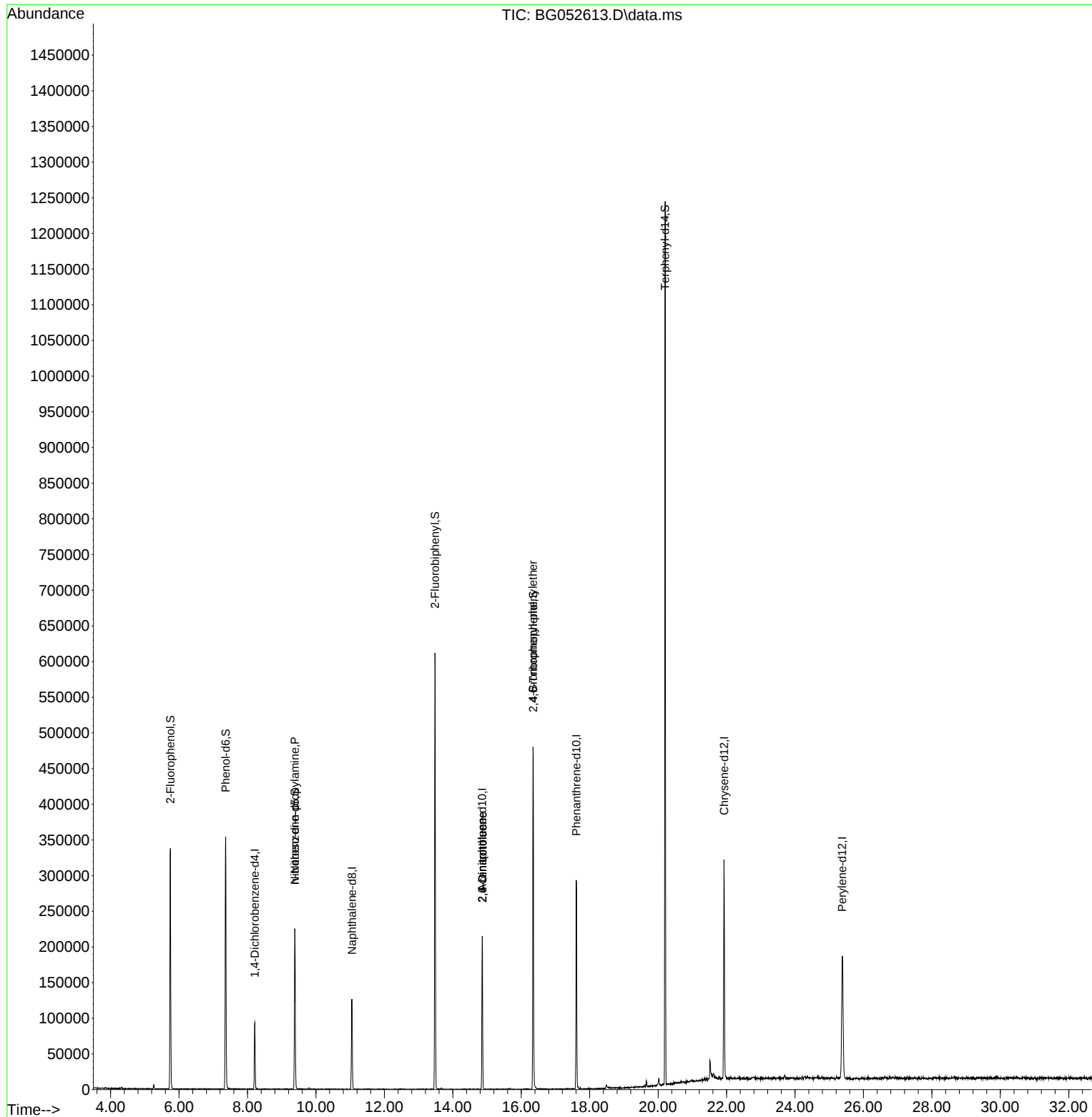
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.214	152	27772	20.000	ng	0.00
21) Naphthalene-d8	11.052	136	113584	20.000	ng	# 0.00
39) Acenaphthene-d10	14.858	164	79444	20.000	ng	0.00
64) Phenanthrene-d10	17.608	188	196344	20.000	ng	0.00
76) Chrysene-d12	21.925	240	200140	20.000	ng	0.00
86) Perylene-d12	25.379	264	203285	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.747	112	151440	92.902	ng	0.00
7) Phenol-d6	7.363	99	210008	91.686	ng	0.00
23) Nitrobenzene-d5	9.383	82	145224	58.288	ng	-0.01
42) 2,4,6-Tribromophenol	16.351	330	103340	90.510	ng	0.00
45) 2-Fluorobiphenyl	13.478	172	335713	58.270	ng	0.00
79) Terphenyl-d14	20.204	244	636545	56.955	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.383	70	19281	12.363	ng	# 81
51) 2,6-Dinitrotoluene	14.864	165	10750	8.095	ng	# 17
57) 2,4-Dinitrotoluene	14.864	165	10750	5.723	ng	# 16
67) 4-Bromophenyl-phenylether	16.345	248	6758	2.848	ng	# 1

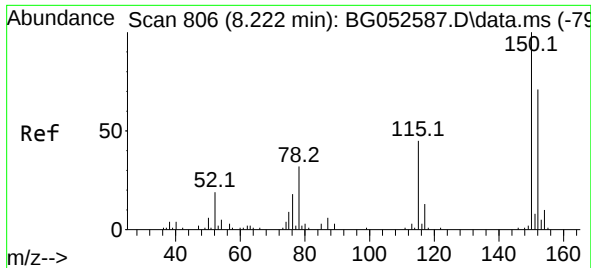
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 08 01:09:10 2022
Response via : Initial Calibration

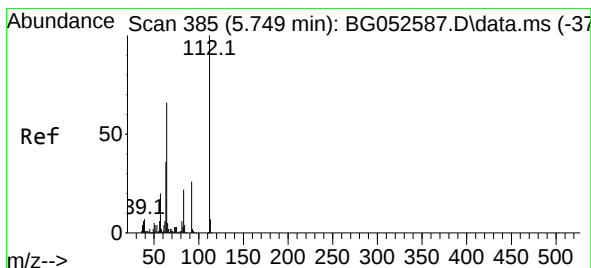
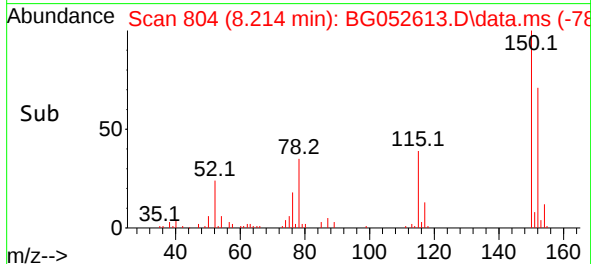
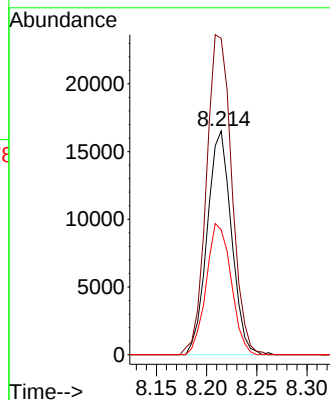
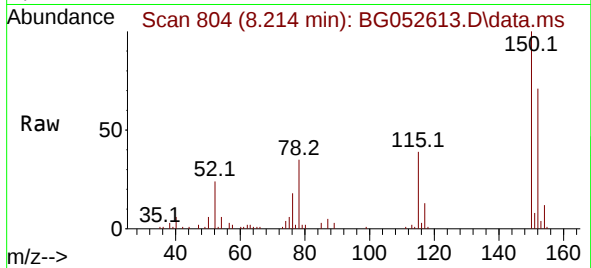




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.214 min Scan# 806
Delta R.T. -0.008 min
Lab File: BG052613.D
Acq: 8 Mar 2022 20:35

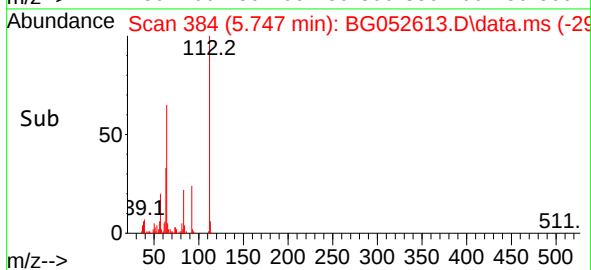
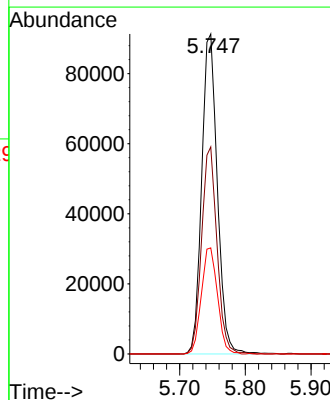
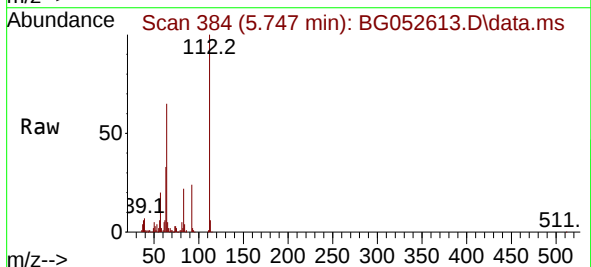
Instrument :
BNA_G
ClientSampleId :
DUM-33

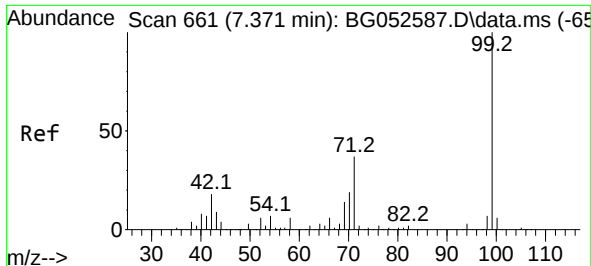
Tgt Ion:152 Resp: 27772
Ion Ratio Lower Upper
152 100
150 141.4 117.8 176.8
115 55.8 50.2 75.2



#5
2-Fluorophenol
Concen: 92.902 ng
RT: 5.747 min Scan# 384
Delta R.T. -0.002 min
Lab File: BG052613.D
Acq: 8 Mar 2022 20:35

Tgt Ion:112 Resp: 151440
Ion Ratio Lower Upper
112 100
64 64.7 60.4 90.6
63 33.1 33.3 49.9#

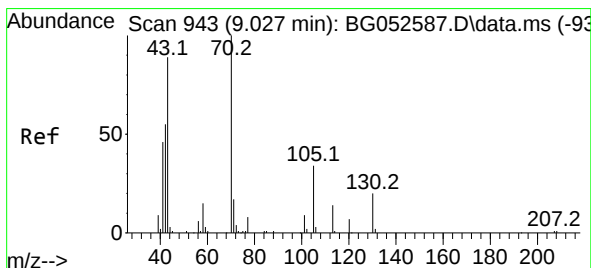
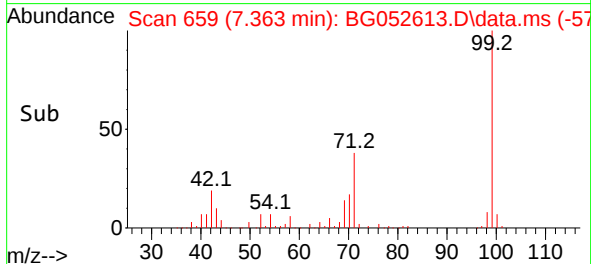
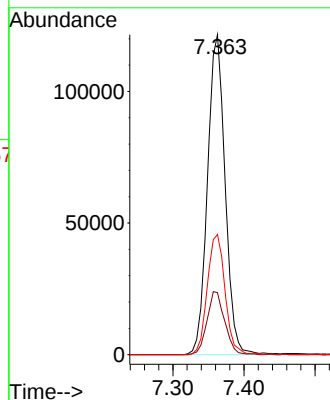
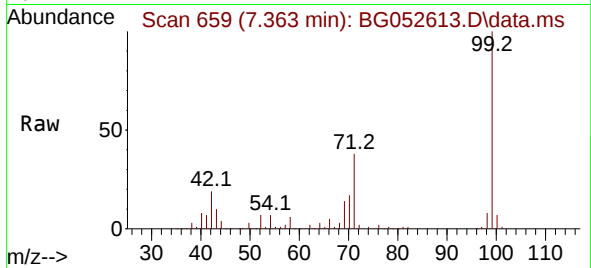




#7
Phenol-d6
Concen: 91.686 ng
RT: 7.363 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG052613.D
Acq: 8 Mar 2022 20:35

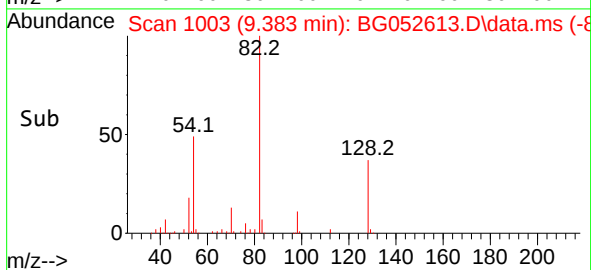
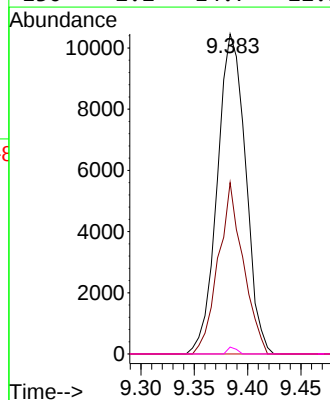
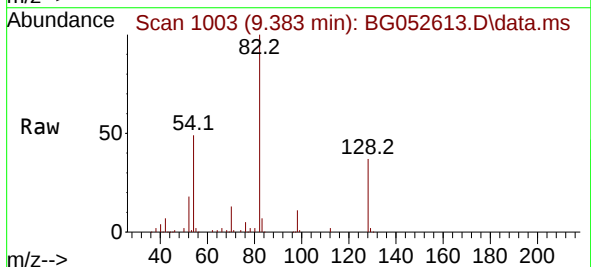
Instrument :
BNA_G
ClientSampleId :
DUM-33

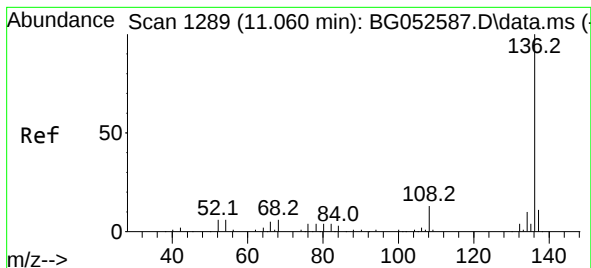
Tgt Ion: 99 Resp: 210008
Ion Ratio Lower Upper
99 100
42 19.4 19.1 28.7
71 37.6 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.363 ng
RT: 9.383 min Scan# 1003
Delta R.T. 0.356 min
Lab File: BG052613.D
Acq: 8 Mar 2022 20:35

Tgt Ion: 70 Resp: 19281
Ion Ratio Lower Upper
70 100
42 53.6 51.8 77.6
101 0.0 6.6 10.0#
130 2.2 14.7 22.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.052 min Scan# 11052

Delta R.T. -0.008 min

Lab File: BG052613.D

Acq: 8 Mar 2022 20:35

Instrument :

BNA_G

ClientSampleId :

DUM-33

Tgt Ion:136 Resp: 113584

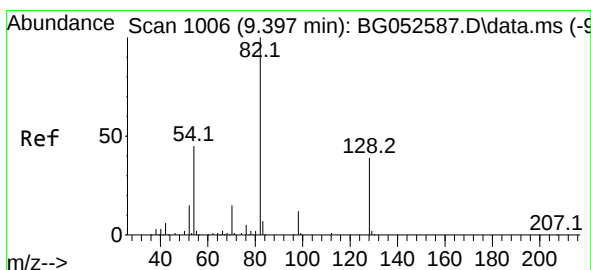
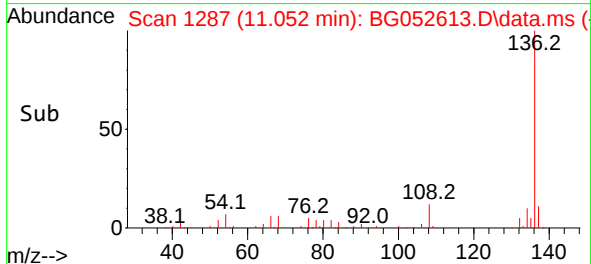
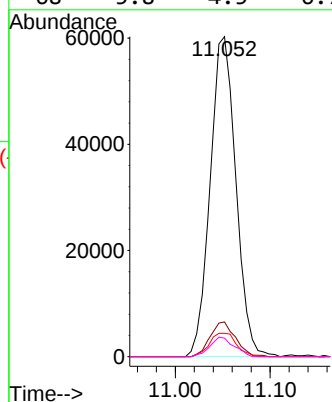
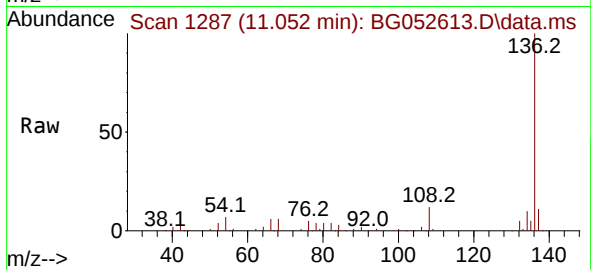
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.3 8.3 12.5#

68 5.8 4.5 6.7



#23

Nitrobenzene-d5

Concen: 58.288 ng

RT: 9.383 min Scan# 1003

Delta R.T. -0.014 min

Lab File: BG052613.D

Acq: 8 Mar 2022 20:35

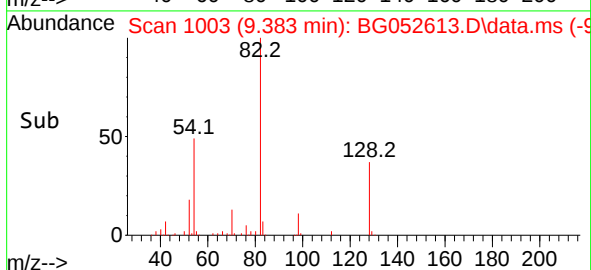
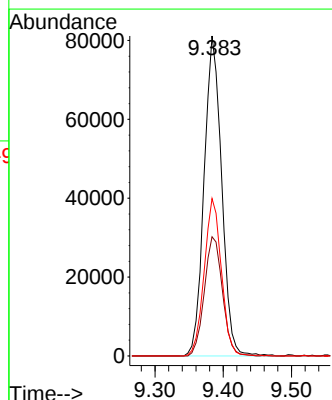
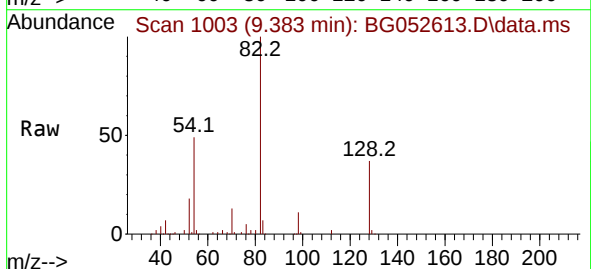
Tgt Ion: 82 Resp: 145224

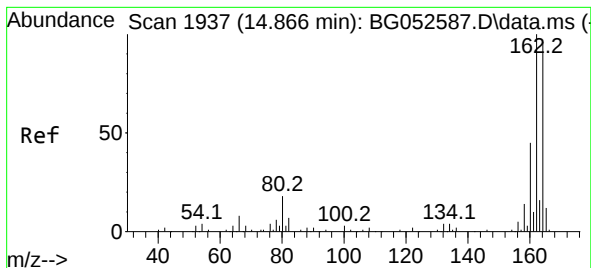
Ion Ratio Lower Upper

82 100

128 37.3 27.0 40.4

54 49.2 41.0 61.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.858 min Scan# 1935

Delta R.T. -0.008 min

Lab File: BG052613.D

Acq: 8 Mar 2022 20:35

Instrument :

BNA_G

ClientSampleId :

DUM-33

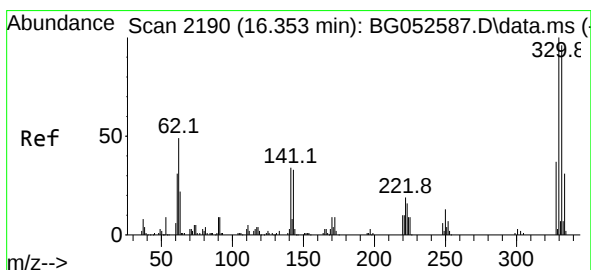
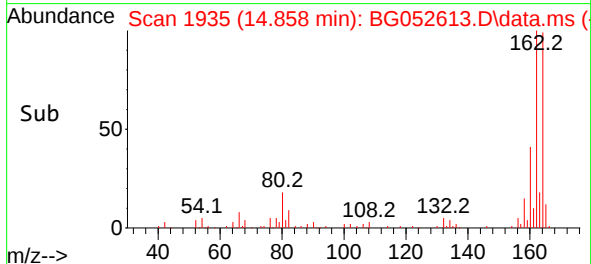
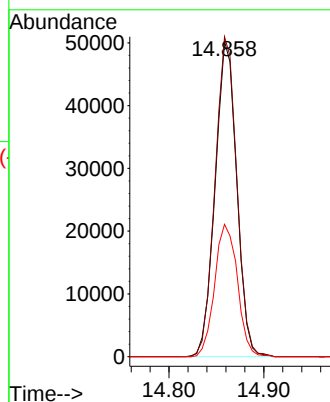
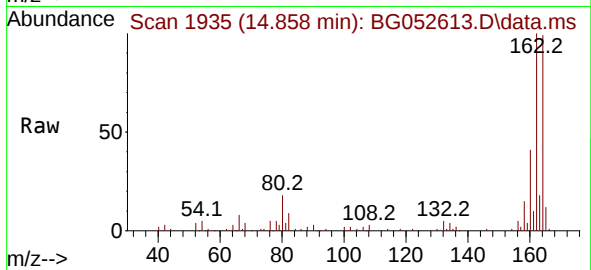
Tgt Ion:164 Resp: 79444

Ion Ratio Lower Upper

164 100

162 101.5 82.2 123.2

160 41.9 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 90.510 ng

RT: 16.351 min Scan# 2189

Delta R.T. -0.002 min

Lab File: BG052613.D

Acq: 8 Mar 2022 20:35

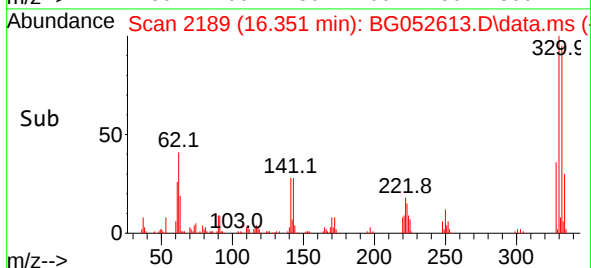
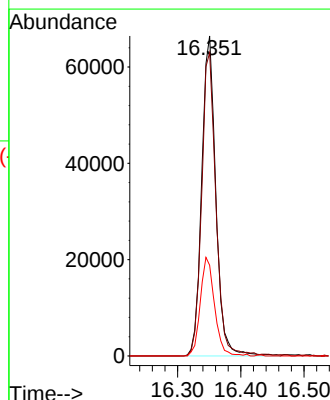
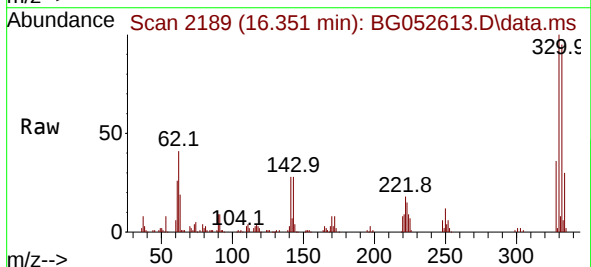
Tgt Ion:330 Resp: 103340

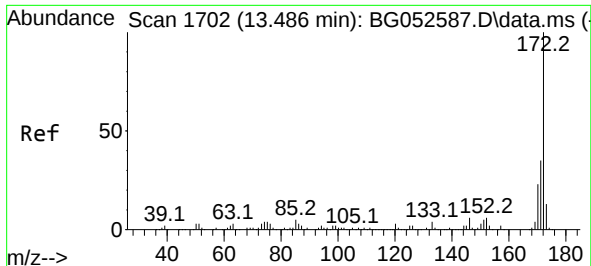
Ion Ratio Lower Upper

330 100

332 95.5 78.6 117.8

141 31.0 28.8 43.2

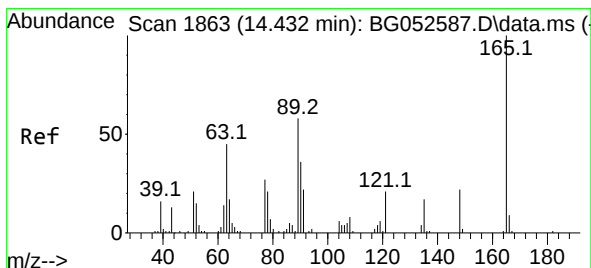
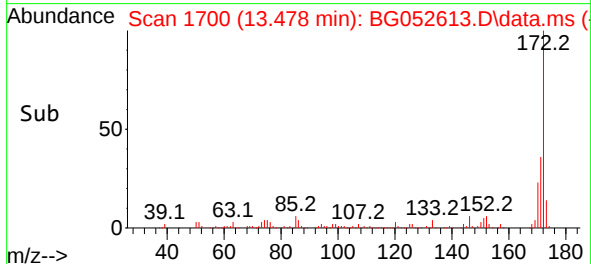
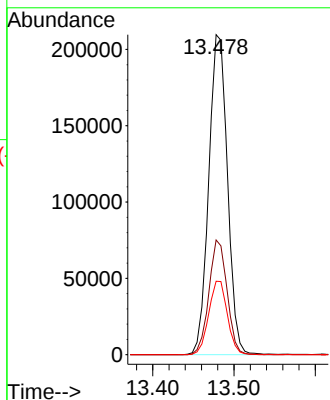
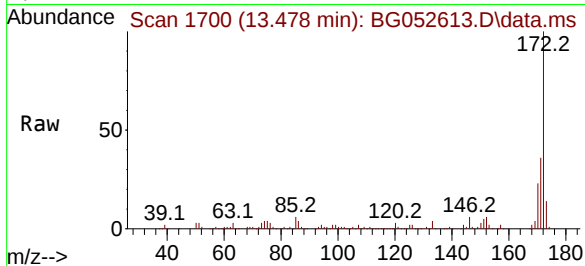




#45
2-Fluorobiphenyl
Concen: 58.270 ng
RT: 13.478 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG052613.D
Acq: 8 Mar 2022 20:35

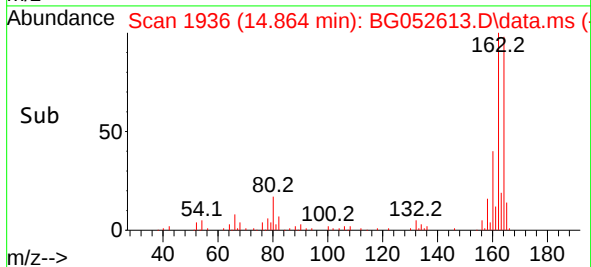
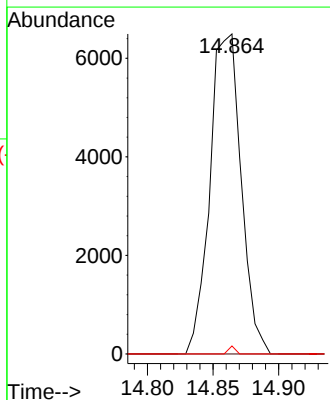
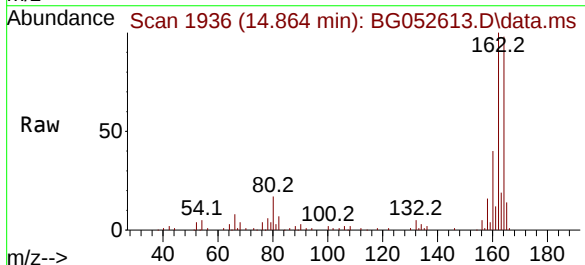
Instrument :
BNA_G
ClientSampleId :
DUM-33

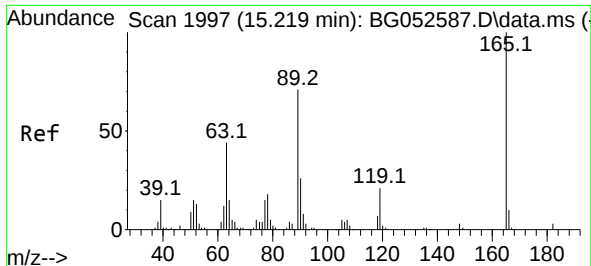
Tgt Ion:172 Resp: 335713
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 22.9 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 8.095 ng
RT: 14.864 min Scan# 1936
Delta R.T. 0.433 min
Lab File: BG052613.D
Acq: 8 Mar 2022 20:35

Tgt Ion:165 Resp: 10750
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 2.5 49.4 74.0#





#57

2,4-Dinitrotoluene

Concen: 5.723 ng

RT: 14.864 min Scan# 1997

Delta R.T. -0.354 min

Lab File: BG052613.D

Acq: 8 Mar 2022 20:35

Instrument :

BNA_G

ClientSampleId :

DUM-33

Tgt Ion:165 Resp: 10750

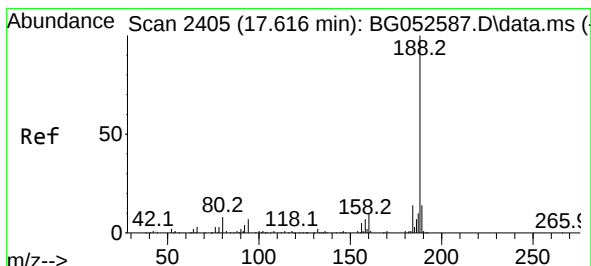
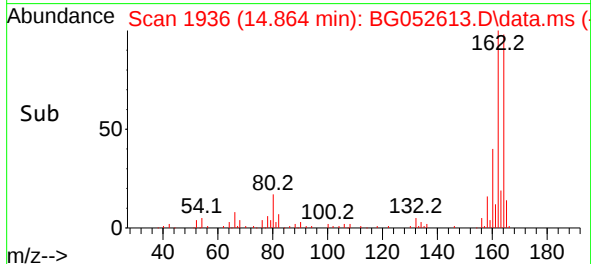
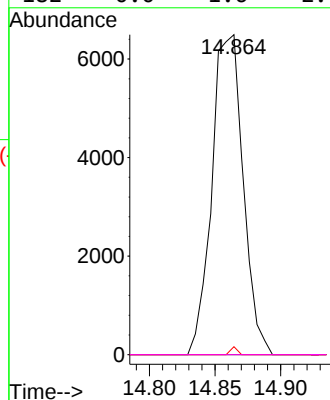
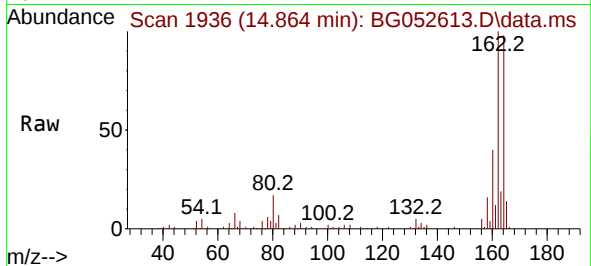
Ion Ratio Lower Upper

165 100

63 0.0 44.6 66.8#

89 2.5 67.4 101.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.608 min Scan# 2403

Delta R.T. -0.008 min

Lab File: BG052613.D

Acq: 8 Mar 2022 20:35

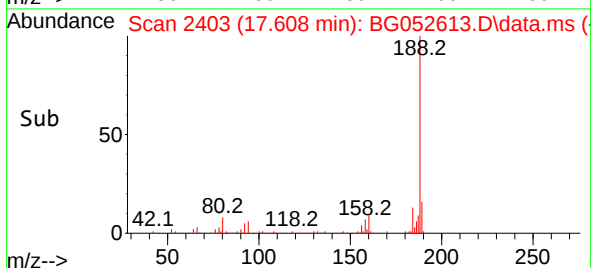
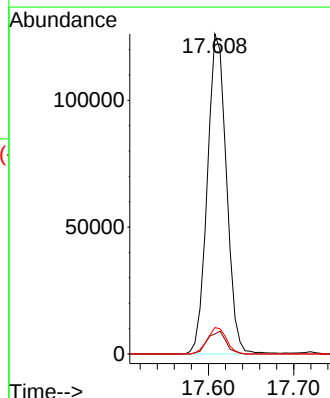
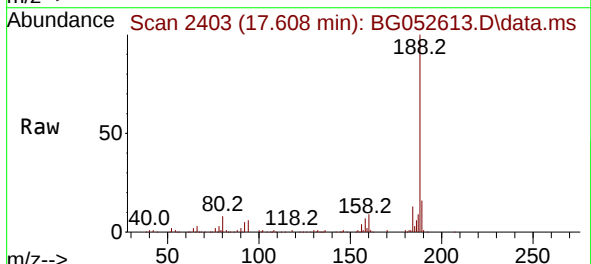
Tgt Ion:188 Resp: 196344

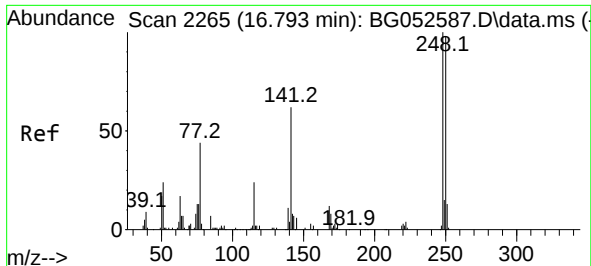
Ion Ratio Lower Upper

188 100

94 6.3 5.9 8.9

80 8.2 6.6 10.0

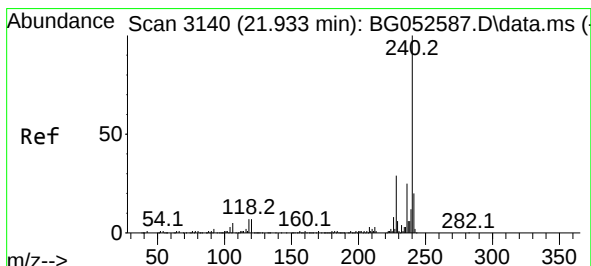
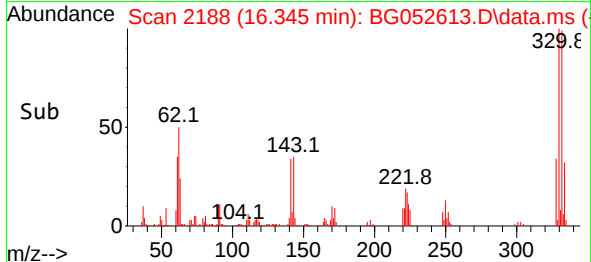
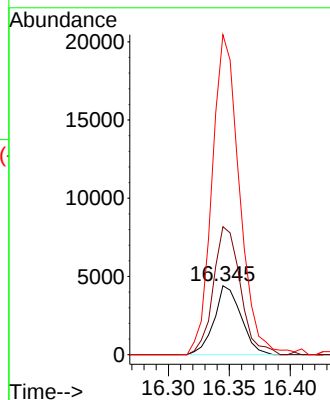
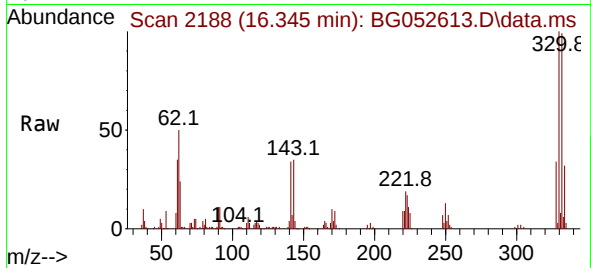




#67
4-Bromophenyl-phenylether
Concen: 2.848 ng
RT: 16.345 min Scan# 21
Delta R.T. -0.448 min
Lab File: BG052613.D
Acq: 8 Mar 2022 20:35

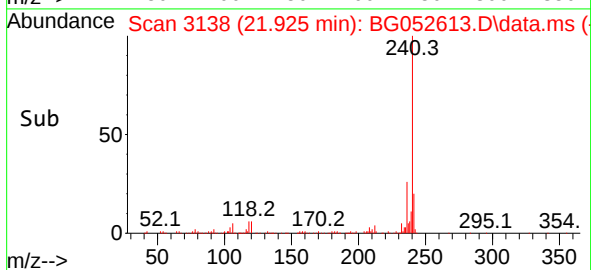
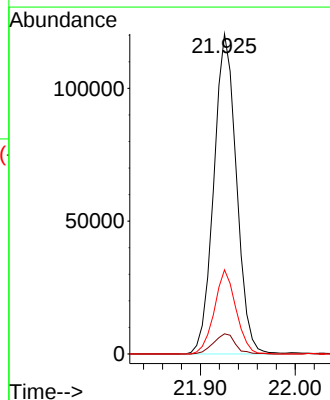
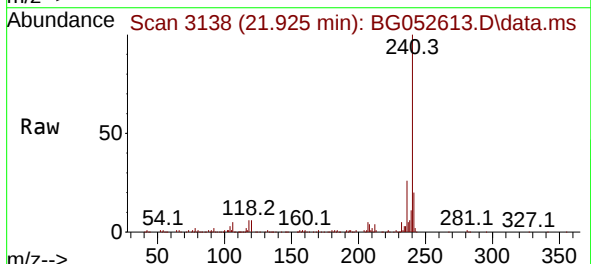
Instrument :
BNA_G
ClientSampleId :
DUM-33

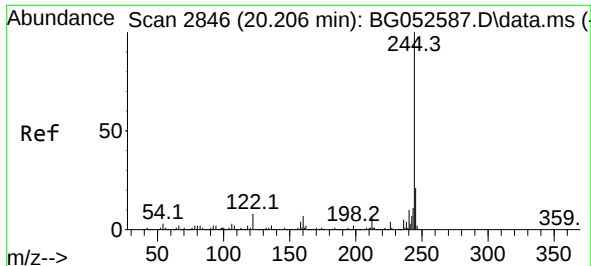
Tgt Ion:248 Resp: 6758
Ion Ratio Lower Upper
248 100
250 185.4 79.6 119.4#
141 463.6 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3138
Delta R.T. -0.008 min
Lab File: BG052613.D
Acq: 8 Mar 2022 20:35

Tgt Ion:240 Resp: 200140
Ion Ratio Lower Upper
240 100
120 6.3 4.4 6.6
236 26.3 20.8 31.2

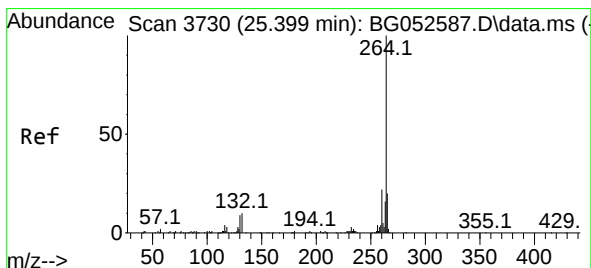
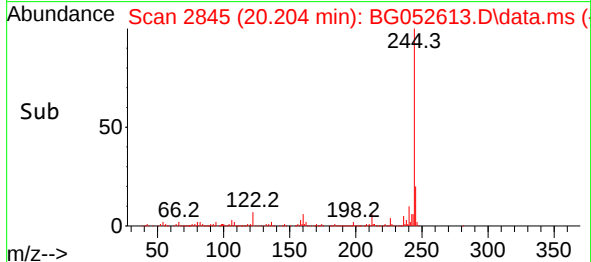
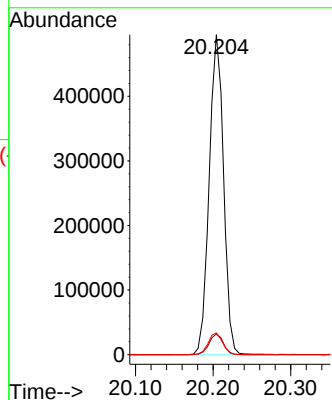
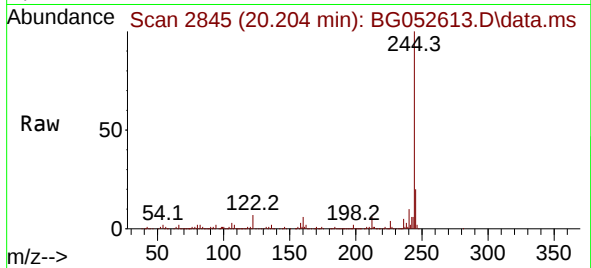




#79
 Terphenyl-d14
 Concen: 56.955 ng
 RT: 20.204 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG052613.D
 Acq: 8 Mar 2022 20:35

Instrument :
 BNA_G
 ClientSampleId :
 DUM-33

Tgt Ion:244 Resp: 636545
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 6.8 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.379 min Scan# 3726
 Delta R.T. -0.020 min
 Lab File: BG052613.D
 Acq: 8 Mar 2022 20:35

Tgt Ion:264 Resp: 203285
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.5 27.7
 265 22.7 17.8 26.6

