

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040722\
 Data File : BG053075.D
 Acq On : 7 Apr 2022 15:54
 Operator : CG/JU
 Sample : N2281-01 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040622

Quant Time: Apr 08 07:23:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 14:35:39 2022
 Response via : Initial Calibration

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

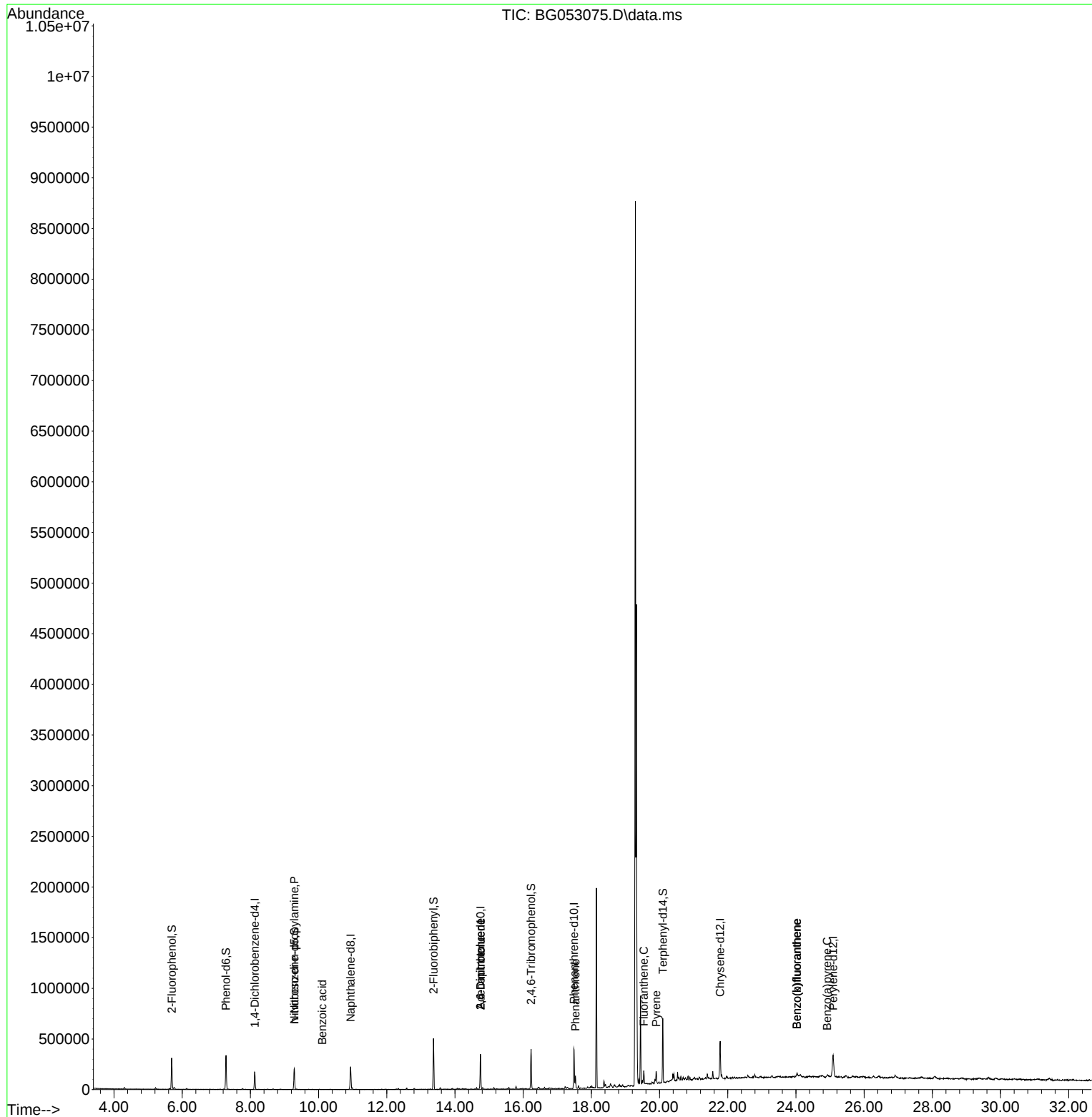
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.125	152	48101	20.000	ng	0.00
21) Naphthalene-d8	10.939	136	186110	20.000	ng	0.00
39) Acenaphthene-d10	14.745	164	123177	20.000	ng	0.00
64) Phenanthrene-d10	17.489	188	246159	20.000	ng	0.00
76) Chrysene-d12	21.777	240	228144	20.000	ng	0.00
86) Perylene-d12	25.090	264	233821	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	127625	46.207	ng	0.00
7) Phenol-d6	7.285	99	184791	44.378	ng	0.00
23) Nitrobenzene-d5	9.288	82	132758	35.802	ng	0.00
42) 2,4,6-Tribromophenol	16.232	330	74975	45.298	ng	0.00
45) 2-Fluorobiphenyl	13.371	172	253919	30.403	ng	0.00
79) Terphenyl-d14	20.097	244	328934	25.647	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.273	77	416	Below Cal	#	46
19) n-Nitroso-di-n-propyla...	9.288	70	19631	6.656	ng	# 73
32) Benzoic acid	10.105	122	110	5.723	ng	# 1
51) 2,6-Dinitrotoluene	14.745	165	16922	10.948	ng	# 24
57) 2,4-Dinitrotoluene	14.745	165	16922	7.891	ng	# 22
71) Phenanthrene	17.536	178	83320	6.327	ng	95
75) Fluoranthene	19.539	202	79042	4.728	ng	98
78) Pyrene	19.903	202	76634	4.842	ng	97
88) Benzo(b)fluoranthene	24.027	252	33917	2.336	ng	94
89) Benzo(k)fluoranthene	24.027	252	33917	2.374	ng	94
90) Benzo(a)pyrene	24.920	252	26062	2.121	ng	# 96

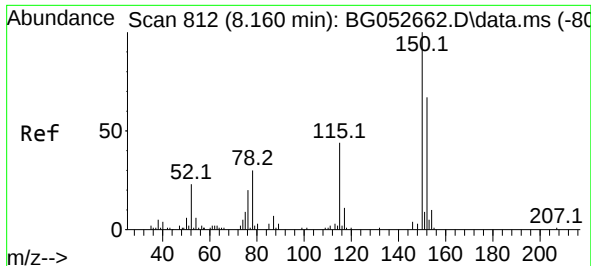
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040722\
Data File : BG053075.D
Acq On : 7 Apr 2022 15:54
Operator : CG/JU
Sample : N2281-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-05-040622

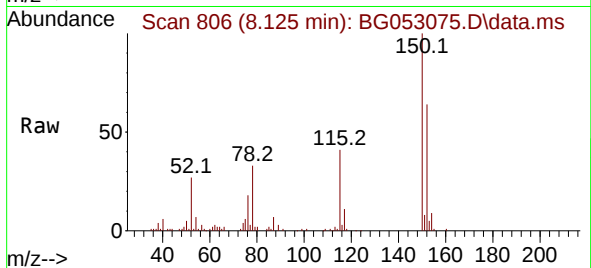
Quant Time: Apr 08 07:23:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 14:35:39 2022
Response via : Initial Calibration



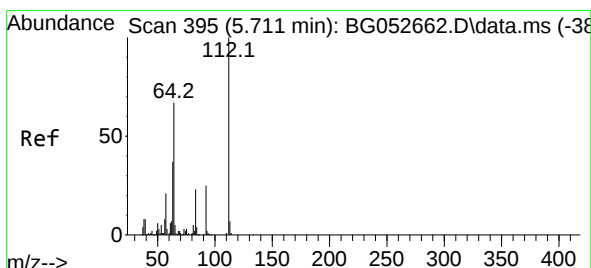
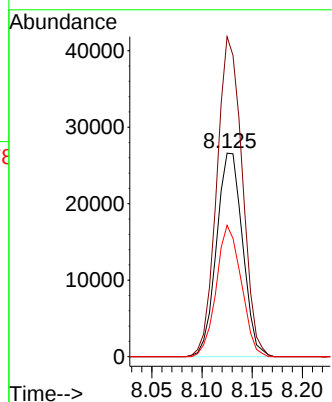
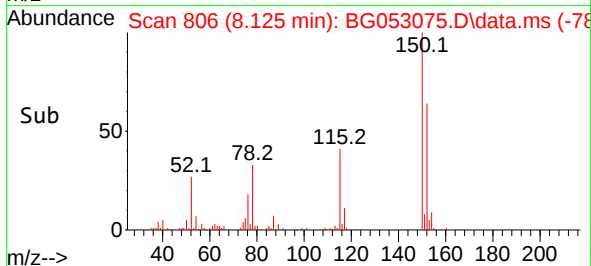


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.125 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

Instrument :
BNA_G
ClientSampleId :
TR-05-040622

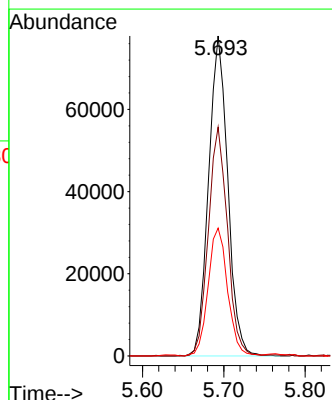
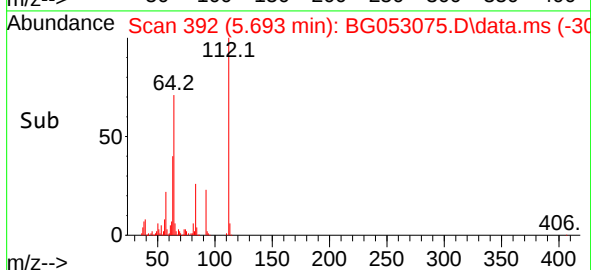
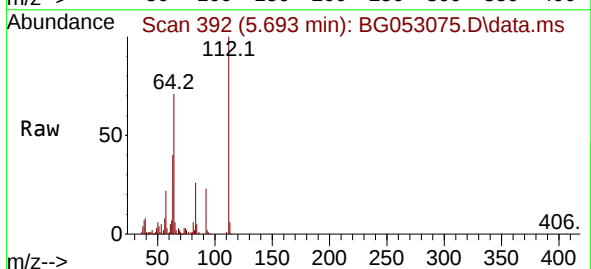


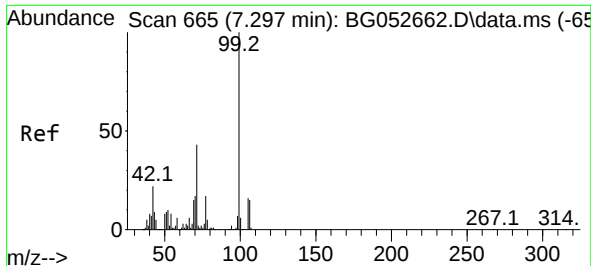
Tgt Ion:152 Resp: 48101
Ion Ratio Lower Upper
152 100
150 157.2 114.6 172.0
115 64.5 45.9 68.9



#5
2-Fluorophenol
Concen: 46.207 ng
RT: 5.693 min Scan# 392
Delta R.T. 0.009 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

Tgt Ion:112 Resp: 127625
Ion Ratio Lower Upper
112 100
64 71.5 48.0 72.0
63 40.0 26.5 39.7#

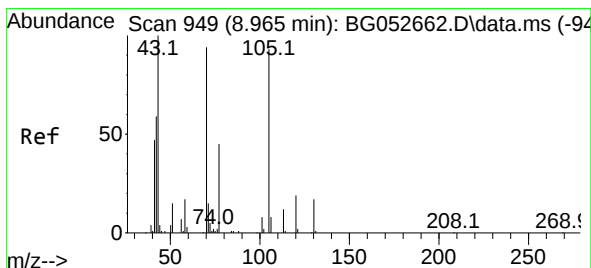
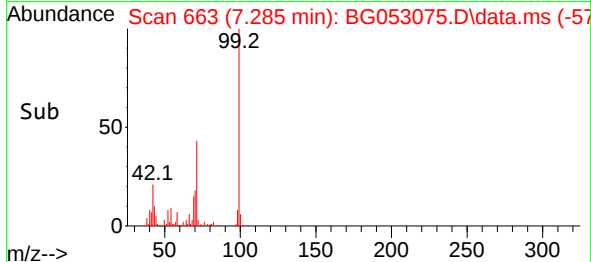
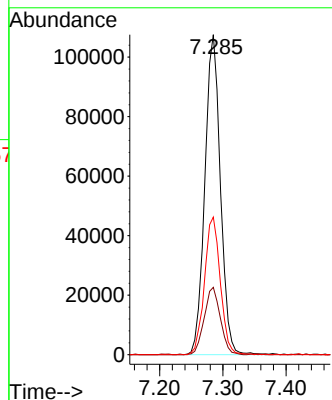
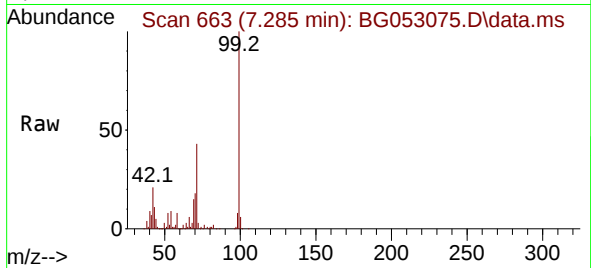




#7
Phenol-d6
Concen: 44.378 ng
RT: 7.285 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

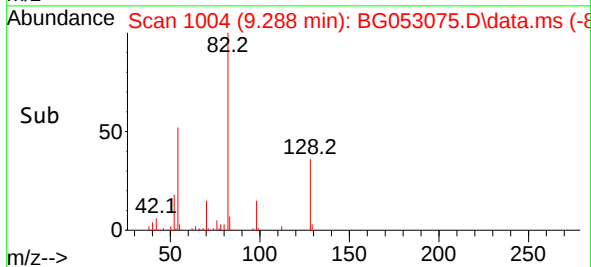
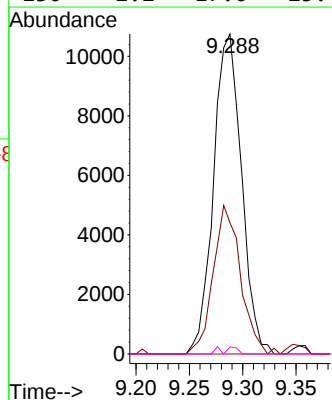
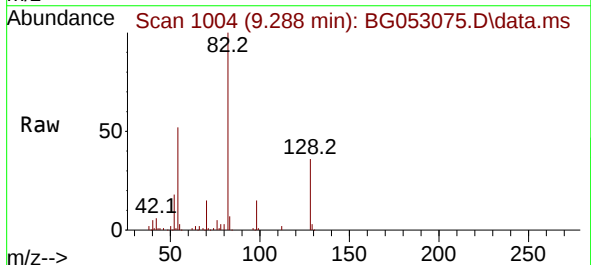
Instrument :
BNA_G
ClientSampleId :
TR-05-040622

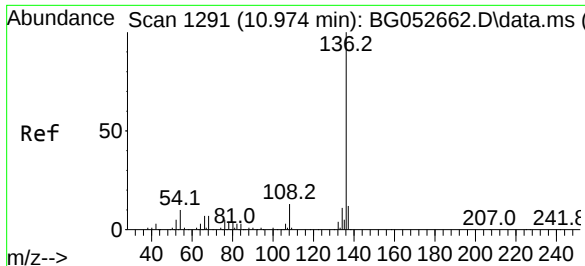
Tgt Ion: 99 Resp: 184791
Ion Ratio Lower Upper
99 100
42 21.1 14.7 22.1
71 43.0 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 6.656 ng
RT: 9.288 min Scan# 1004
Delta R.T. 0.361 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

Tgt Ion: 70 Resp: 19631
Ion Ratio Lower Upper
70 100
42 41.0 46.0 69.0#
101 0.0 6.2 9.4#
130 2.2 17.0 25.4#

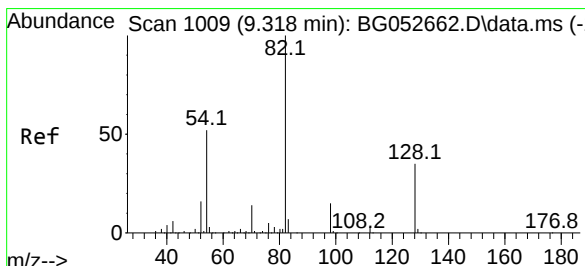
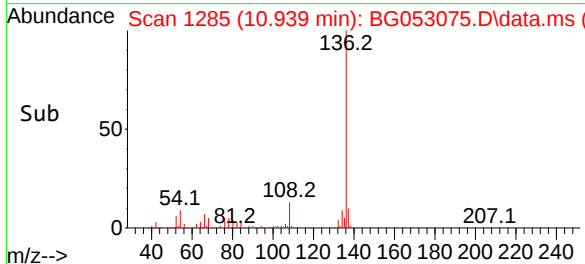
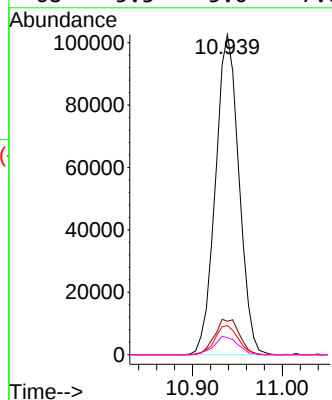
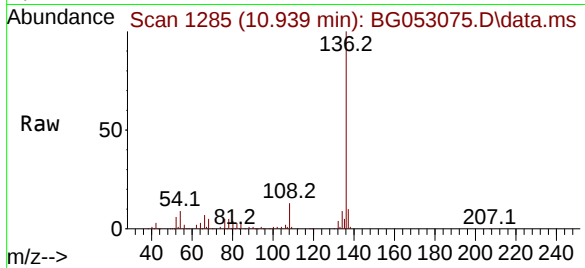




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.939 min Scan# 1004
Delta R.T. -0.003 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

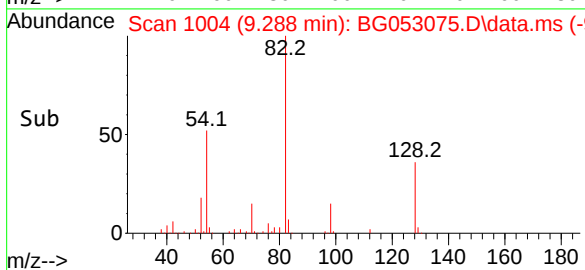
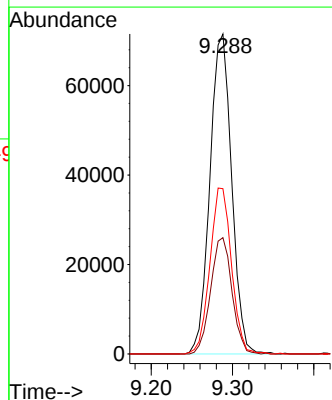
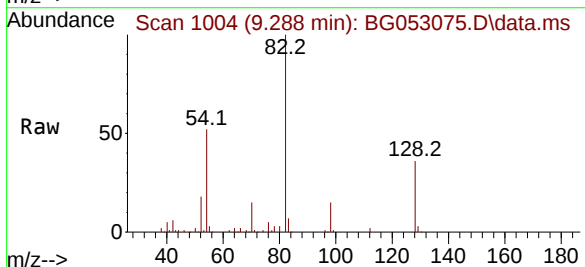
Instrument :
BNA_G
ClientSampleId :
TR-05-040622

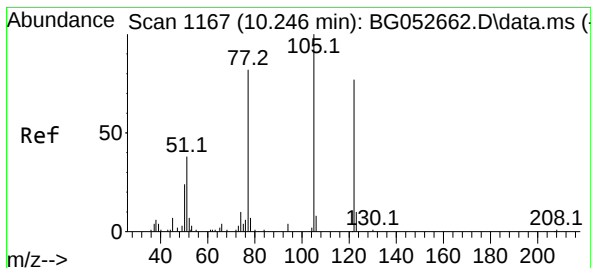
Tgt Ion:136 Resp: 186110
Ion Ratio Lower Upper
136 100
137 10.5 9.4 14.2
54 9.1 6.4 9.6
68 5.3 5.0 7.6



#23
Nitrobenzene-d5
Concen: 35.802 ng
RT: 9.288 min Scan# 1004
Delta R.T. -0.003 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

Tgt Ion: 82 Resp: 132758
Ion Ratio Lower Upper
82 100
128 36.4 31.3 46.9
54 51.6 37.8 56.8





#32

Benzoic acid

Concen: 5.723 ng

RT: 10.105 min Scan# 1167

Delta R.T. -0.132 min

Lab File: BG053075.D

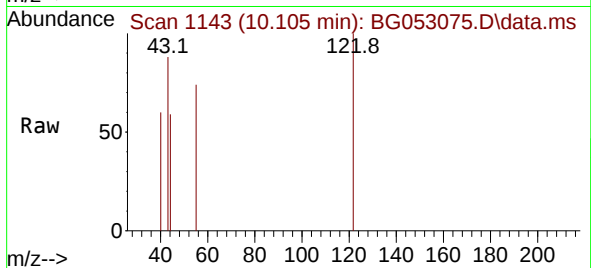
Acq: 7 Apr 2022 15:54

Instrument :

BNA_G

ClientSampleId :

TR-05-040622



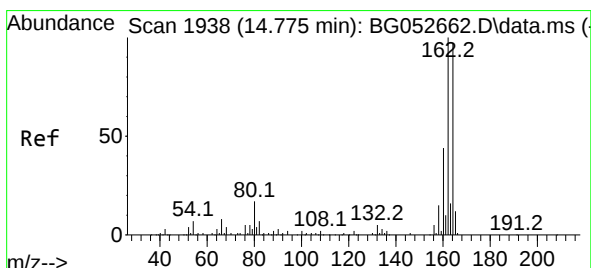
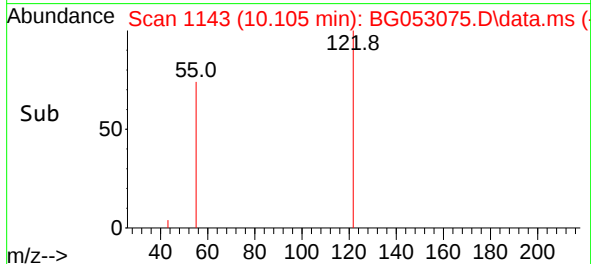
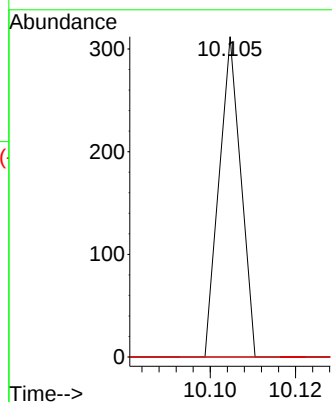
Tgt Ion:122 Resp: 110

Ion Ratio Lower Upper

122 100

105 0.0 112.8 152.8#

77 0.0 78.4 118.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.745 min Scan# 1933

Delta R.T. -0.003 min

Lab File: BG053075.D

Acq: 7 Apr 2022 15:54

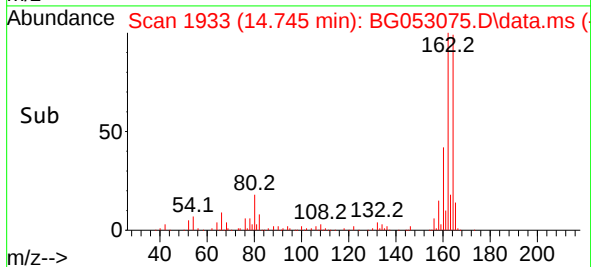
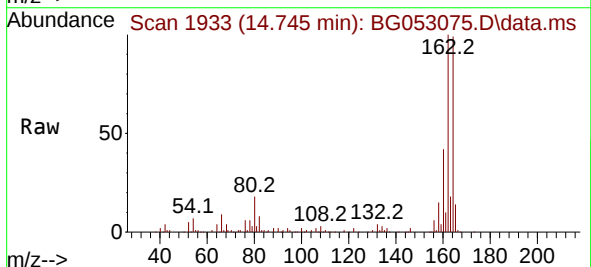
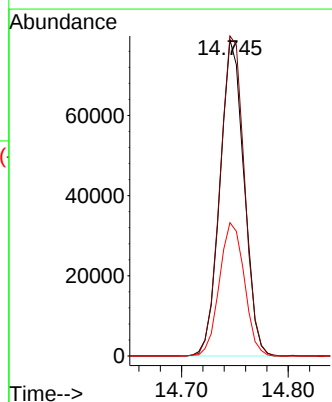
Tgt Ion:164 Resp: 123177

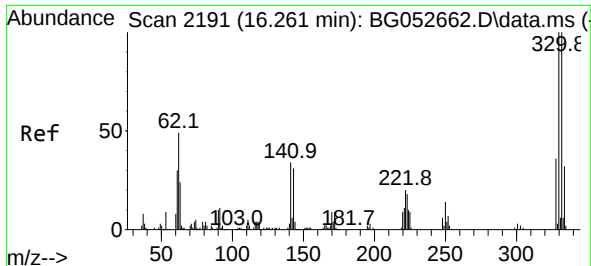
Ion Ratio Lower Upper

164 100

162 101.2 80.0 120.0

160 42.2 38.8 58.2

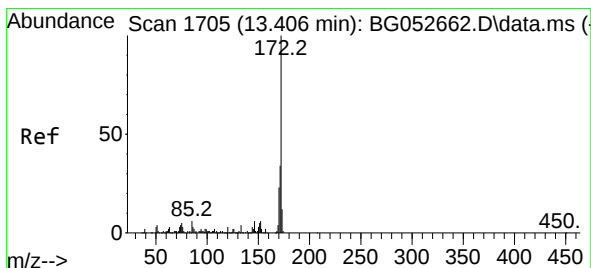
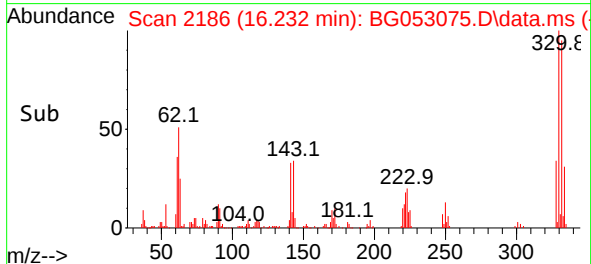
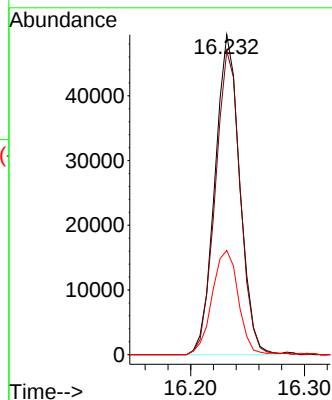
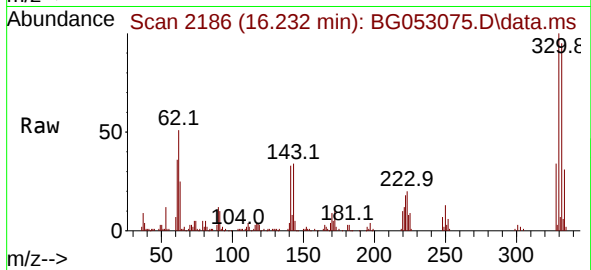




#42
2,4,6-Tribromophenol
Concen: 45.298 ng
RT: 16.232 min Scan# 2191
Delta R.T. -0.003 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

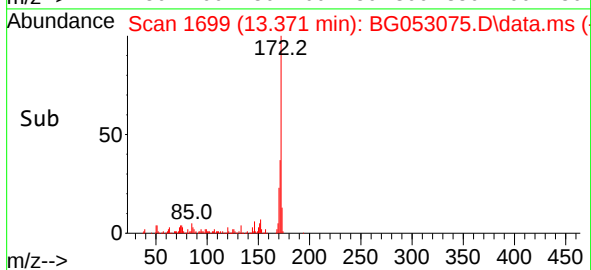
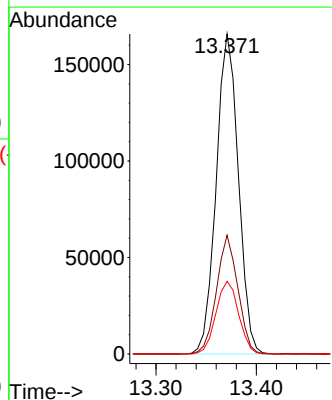
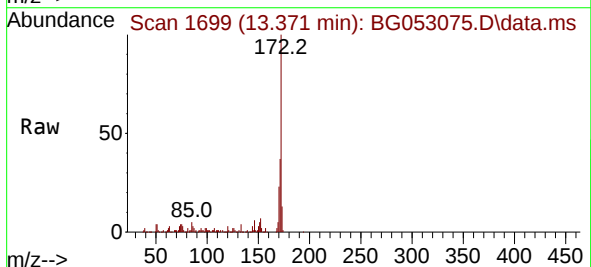
Instrument :
BNA_G
ClientSampleId :
TR-05-040622

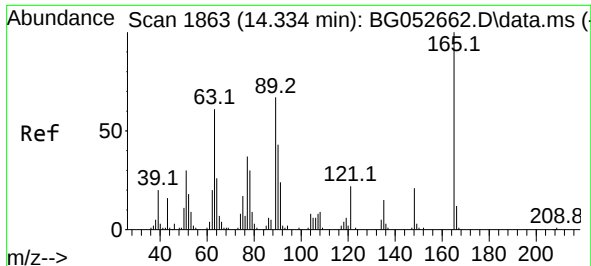
Tgt Ion:330 Resp: 74975
Ion Ratio Lower Upper
330 100
332 95.5 75.8 113.6
141 34.5 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 30.403 ng
RT: 13.371 min Scan# 1699
Delta R.T. -0.003 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

Tgt Ion:172 Resp: 253919
Ion Ratio Lower Upper
172 100
171 37.1 28.3 42.5
170 22.7 18.0 27.0

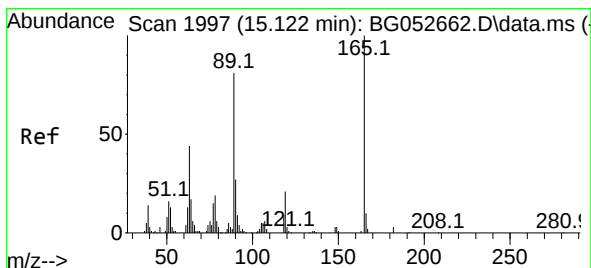
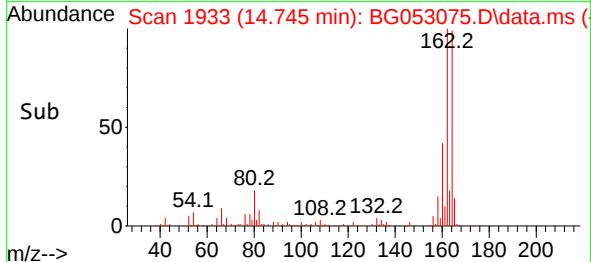
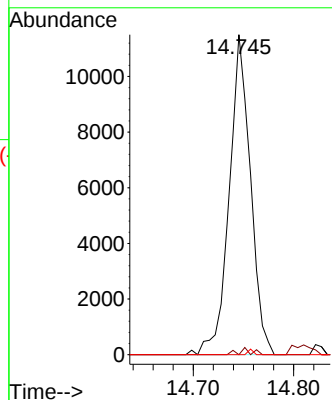
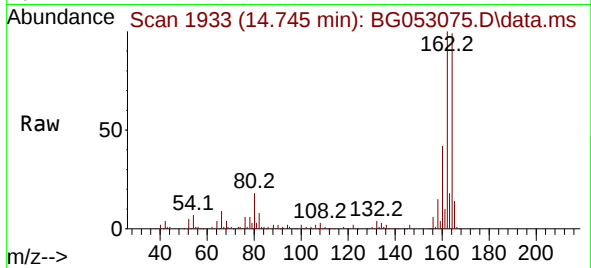




#51
2,6-Dinitrotoluene
Concen: 10.948 ng
RT: 14.745 min Scan# 1933
Delta R.T. 0.432 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

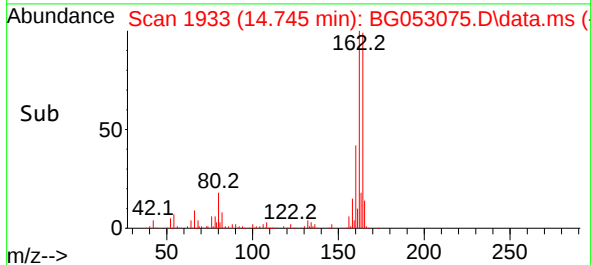
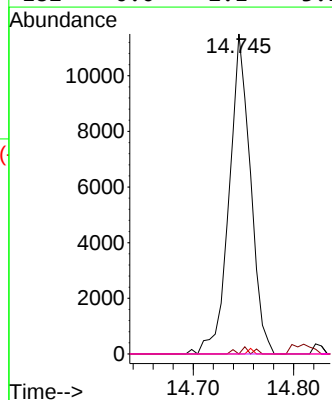
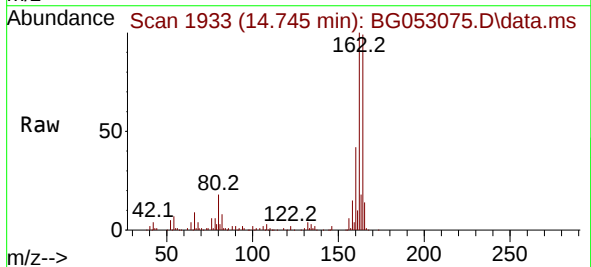
Instrument :
BNA_G
ClientSampleId :
TR-05-040622

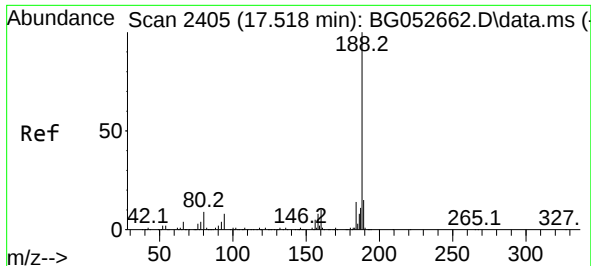
Tgt Ion:165 Resp: 16922
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 7.891 ng
RT: 14.745 min Scan# 1933
Delta R.T. -0.355 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

Tgt Ion:165 Resp: 16922
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#

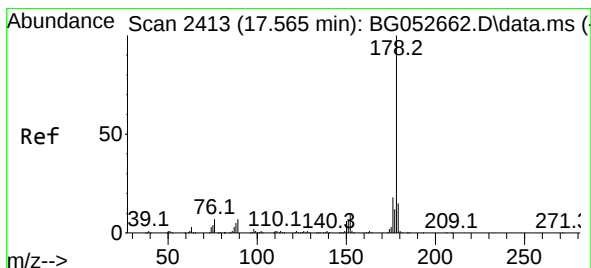
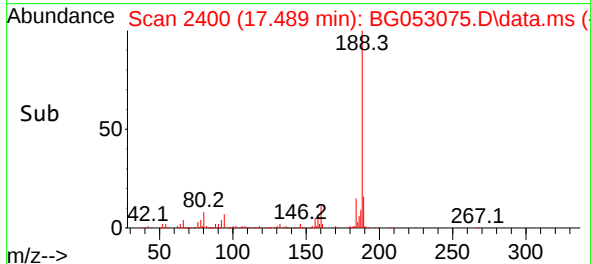
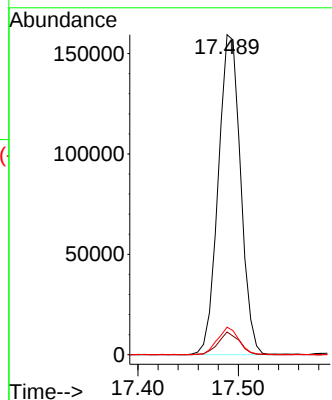
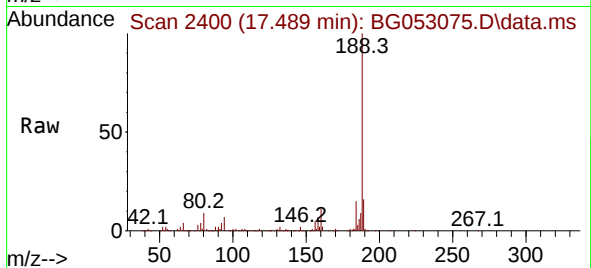




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.489 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

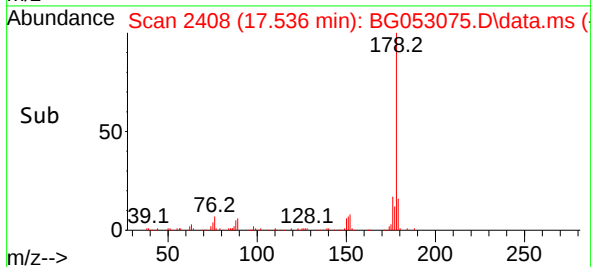
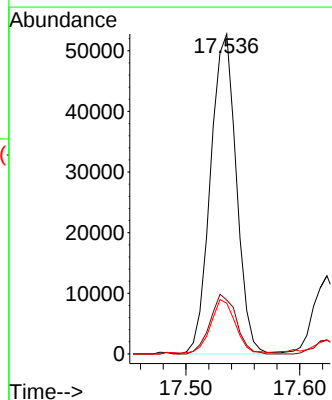
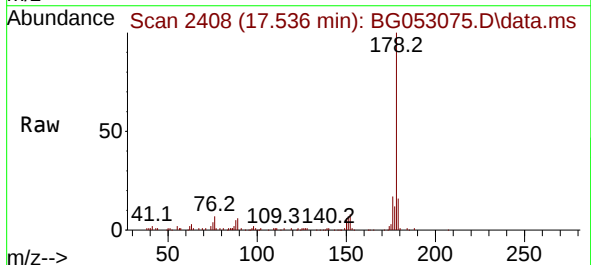
Instrument :
BNA_G
ClientSampleId :
TR-05-040622

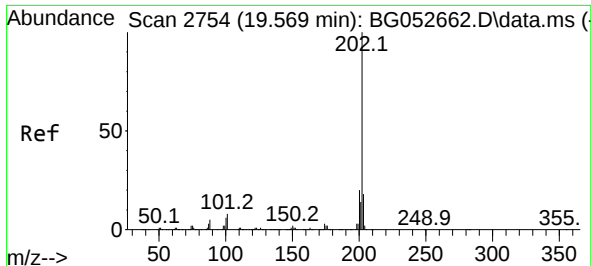
Tgt Ion:188 Resp: 246159
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 8.6 7.2 10.8



#71
Phenanthrene
Concen: 6.327 ng
RT: 17.536 min Scan# 2408
Delta R.T. 0.003 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

Tgt Ion:178 Resp: 83320
Ion Ratio Lower Upper
178 100
176 16.9 15.9 23.9
179 15.9 13.4 20.2

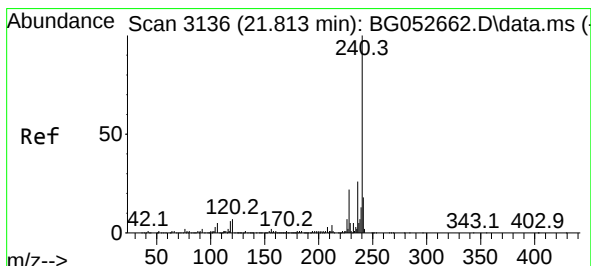
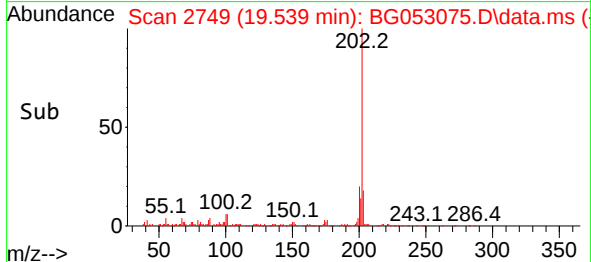
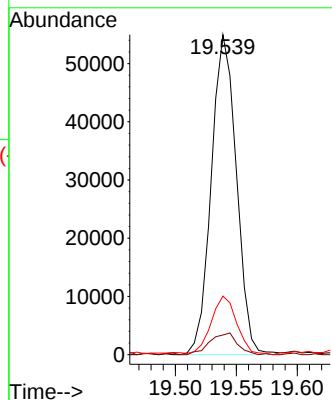
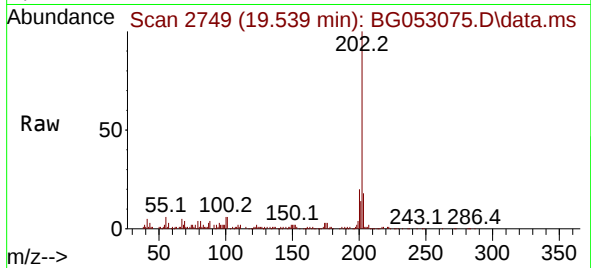




#75
Fluoranthene
Concen: 4.728 ng
RT: 19.539 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

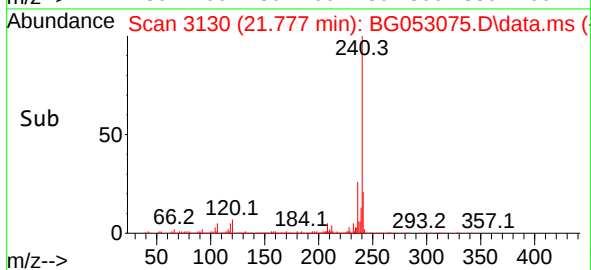
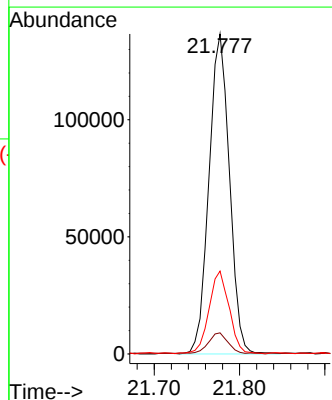
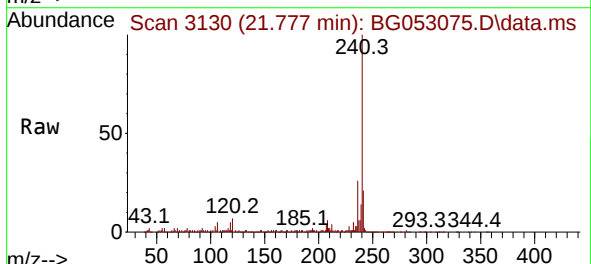
Instrument :
BNA_G
ClientSampleId :
TR-05-040622

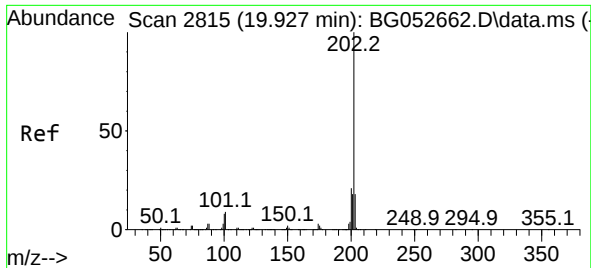
Tgt Ion:202 Resp: 79042
Ion Ratio Lower Upper
202 100
101 6.1 0.0 27.3
203 18.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.777 min Scan# 3130
Delta R.T. -0.003 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

Tgt Ion:240 Resp: 228144
Ion Ratio Lower Upper
240 100
120 6.6 5.4 8.0
236 25.9 19.8 29.6

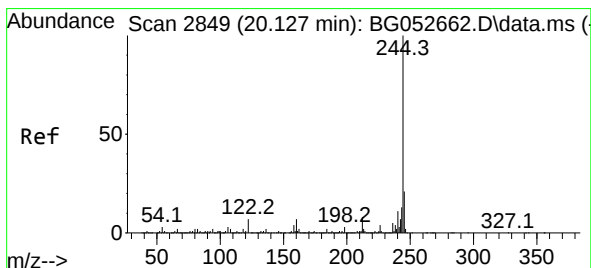
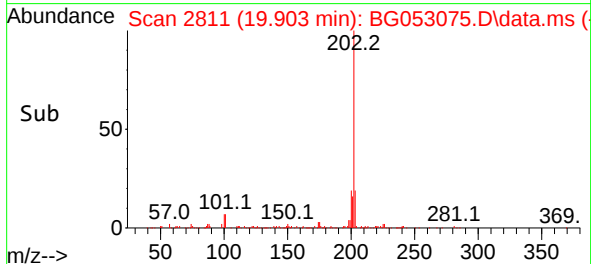
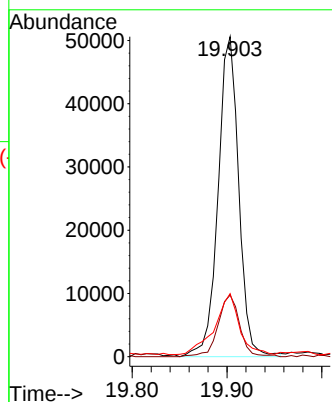
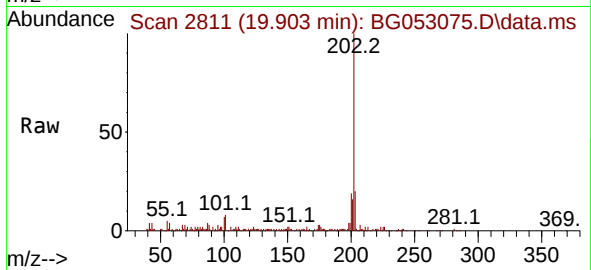




#78
 Pyrene
 Concen: 4.842 ng
 RT: 19.903 min Scan# 2811
 Delta R.T. 0.003 min
 Lab File: BG053075.D
 Acq: 7 Apr 2022 15:54

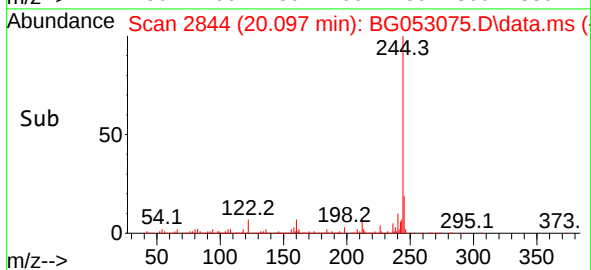
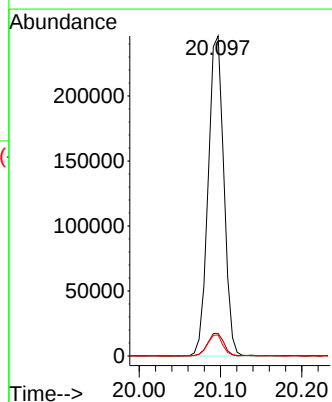
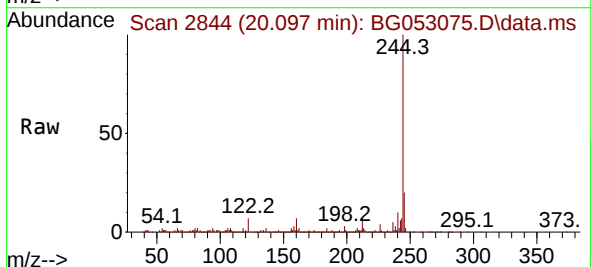
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040622

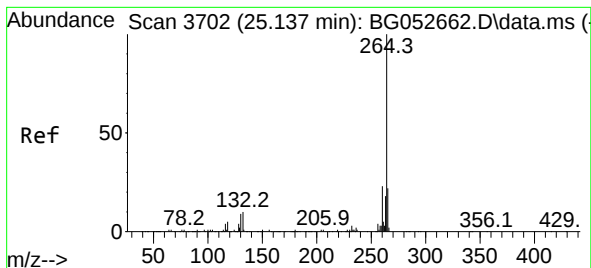
Tgt Ion:202 Resp: 76634
 Ion Ratio Lower Upper
 202 100
 200 19.2 17.0 25.6
 203 19.7 15.0 22.6



#79
 Terphenyl-d14
 Concen: 25.647 ng
 RT: 20.097 min Scan# 2844
 Delta R.T. 0.003 min
 Lab File: BG053075.D
 Acq: 7 Apr 2022 15:54

Tgt Ion:244 Resp: 328934
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 6.5 5.8 8.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.090 min Scan# 3

Delta R.T. 0.009 min

Lab File: BG053075.D

Acq: 7 Apr 2022 15:54

Instrument :

BNA_G

ClientSampleId :

TR-05-040622

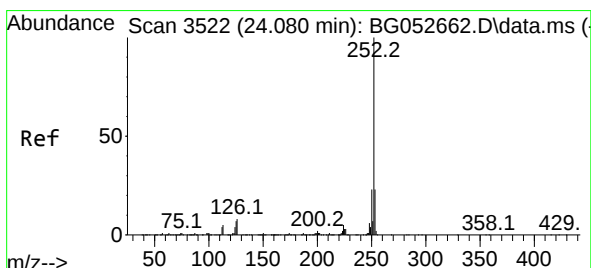
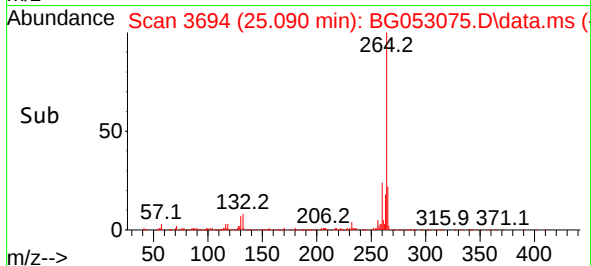
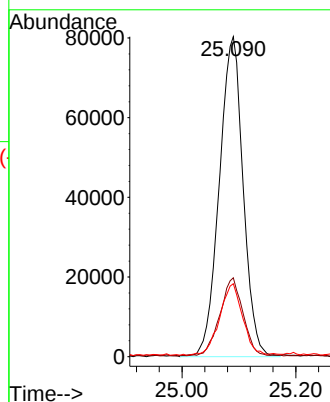
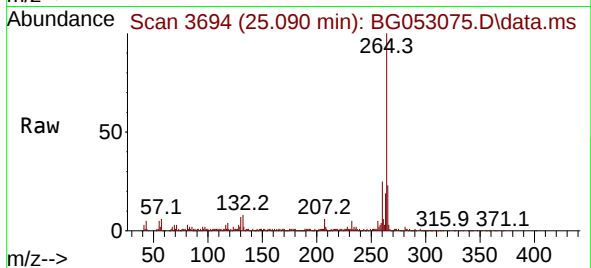
Tgt Ion:264 Resp: 233821

Ion Ratio Lower Upper

264 100

260 24.7 18.2 27.2

265 22.8 15.1 22.7#



#88

Benzo(b)fluoranthene

Concen: 2.336 ng

RT: 24.027 min Scan# 3513

Delta R.T. -0.003 min

Lab File: BG053075.D

Acq: 7 Apr 2022 15:54

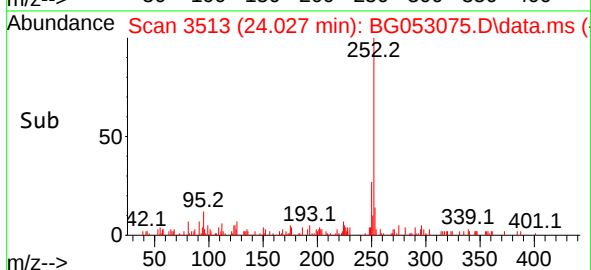
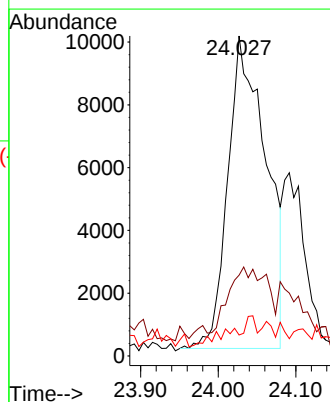
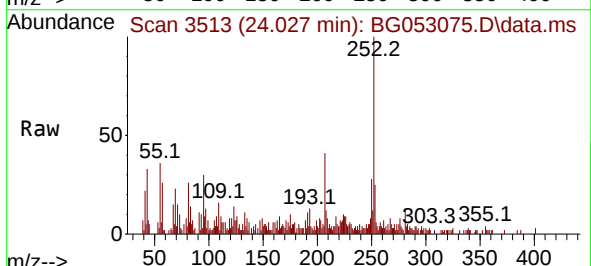
Tgt Ion:252 Resp: 33917

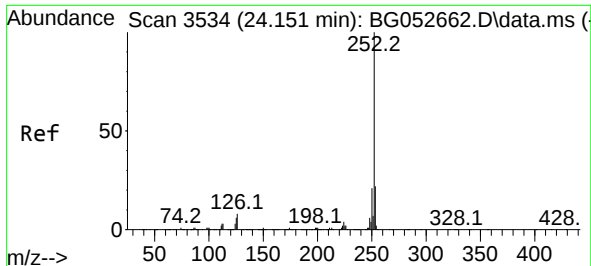
Ion Ratio Lower Upper

252 100

253 25.3 17.2 25.8

125 6.6 5.2 7.8

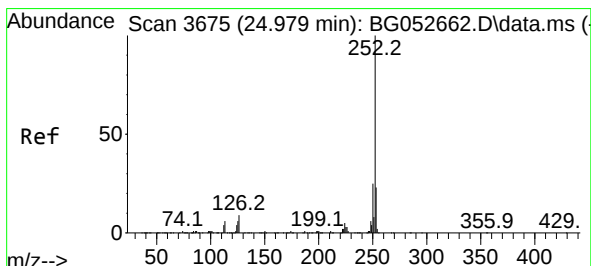
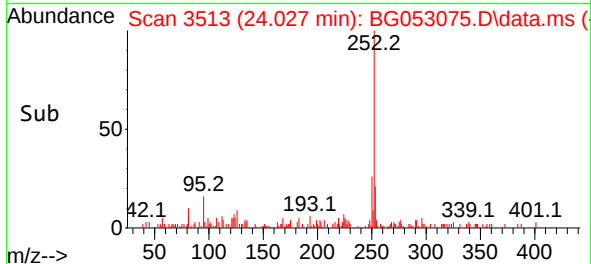
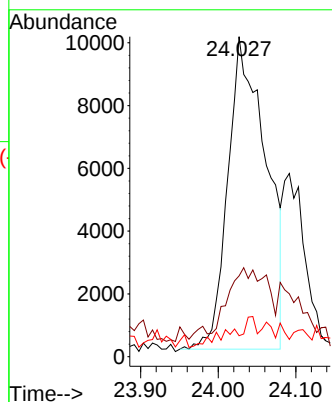
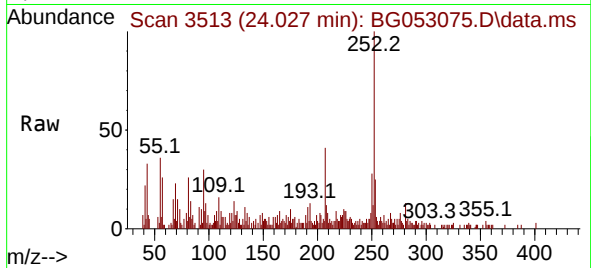




#89
Benzo(k)fluoranthene
Concen: 2.374 ng
RT: 24.027 min Scan# 31
Delta R.T. -0.073 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

Instrument :
BNA_G
ClientSampleId :
TR-05-040622

Tgt Ion:252 Resp: 33917
Ion Ratio Lower Upper
252 100
253 25.3 17.4 26.0
125 6.6 5.0 7.4



#90
Benzo(a)pyrene
Concen: 2.121 ng
RT: 24.920 min Scan# 3665
Delta R.T. -0.009 min
Lab File: BG053075.D
Acq: 7 Apr 2022 15:54

Tgt Ion:252 Resp: 26062
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 10.6 5.6 8.4#

