

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060322\
 Data File : BG053808.D
 Acq On : 3 Jun 2022 11:42
 Operator : CG/JU
 Sample : N2987-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P033-SS001-2430-01

Quant Time: Jun 03 13:29:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

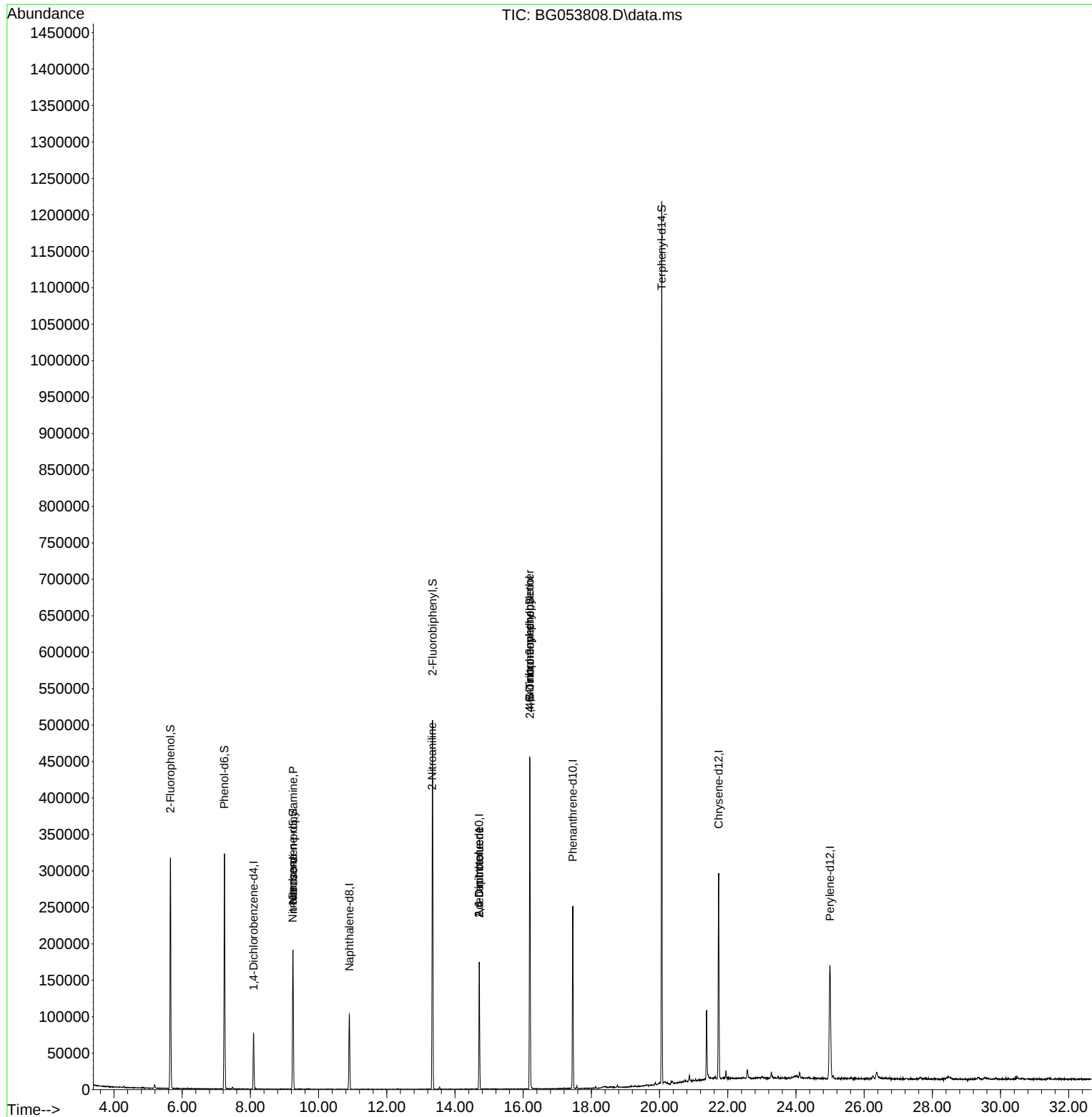
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.095	152	24011	20.000	ng	0.00
21) Naphthalene-d8	10.903	136	94529	20.000	ng	0.00
39) Acenaphthene-d10	14.710	164	65511	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	169596	20.000	ng	0.00
76) Chrysene-d12	21.732	240	189759	20.000	ng	0.00
86) Perylene-d12	24.993	264	186670	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	148963	113.926	ng	0.00
7) Phenol-d6	7.237	99	189916	107.225	ng	0.00
23) Nitrobenzene-d5	9.246	82	121256	84.235	ng	0.00
42) 2,4,6-Tribromophenol	16.197	330	101171	127.225	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	291665	66.605	ng	0.00
79) Terphenyl-d14	20.063	244	643124	67.424	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.252	70	16217	12.927	ng	# 77
24) Nitrobenzene	9.240	77	396	3.204	ng	# 33
48) 2-Nitroaniline	13.330	65	422	5.450	ng	# 17
51) 2,6-Dinitrotoluene	14.710	165	8978	13.592	ng	# 16
57) 2,4-Dinitrotoluene	14.710	165	8978	11.351	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.191	198	149	5.806	ng	# 3
67) 4-Bromophenyl-phenylether	16.191	248	6600	3.582	ng	# 1

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

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Misc :
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P033-SS001-2430-01

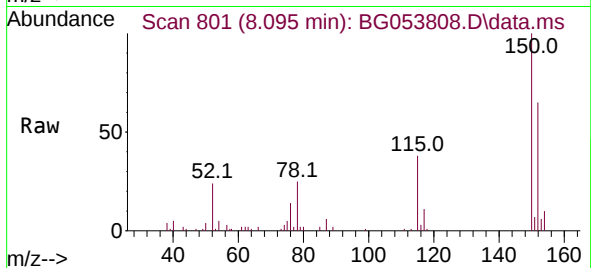
Quant Time: Jun 03 13:29:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 23:22:27 2022
Response via : Initial Calibration



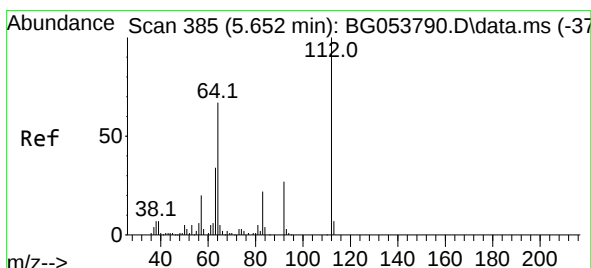
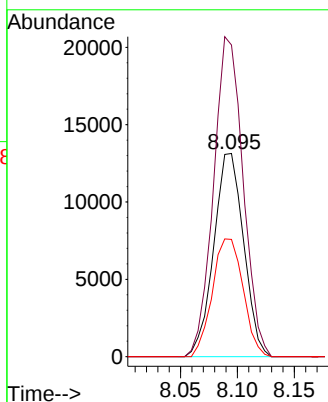
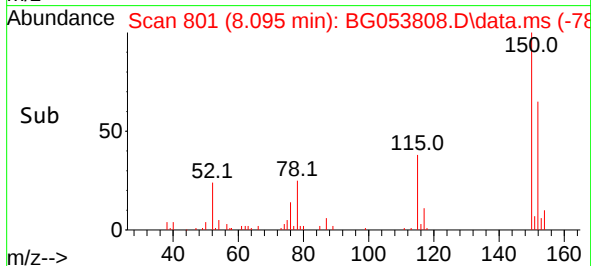


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.095 min Scan# 801
Delta R.T. -0.001 min
Lab File: BG053808.D
Acq: 3 Jun 2022 11:42

Instrument :
BNA_G
ClientSampleId :
P033-SS001-2430-01

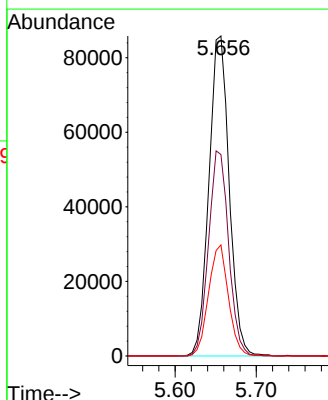
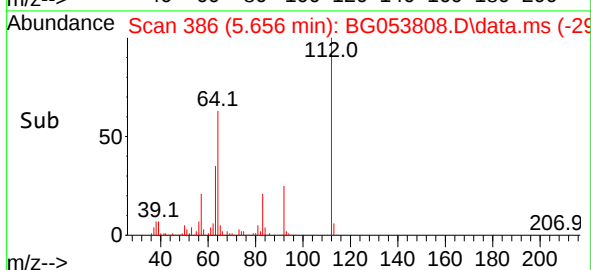
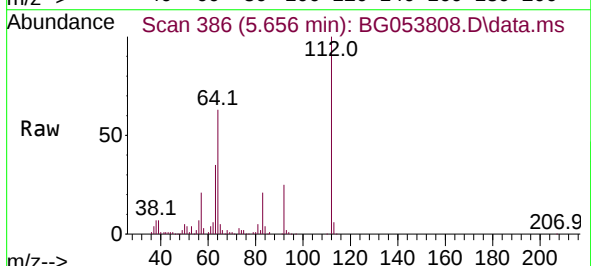


Tgt Ion:152 Resp: 24011
Ion Ratio Lower Upper
152 100
150 153.4 131.6 197.4
115 57.7 50.9 76.3



#5
2-Fluorophenol
Concen: 113.926 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053808.D
Acq: 3 Jun 2022 11:42

Tgt Ion:112 Resp: 148963
Ion Ratio Lower Upper
112 100
64 63.0 55.1 82.7
63 34.7 30.4 45.6

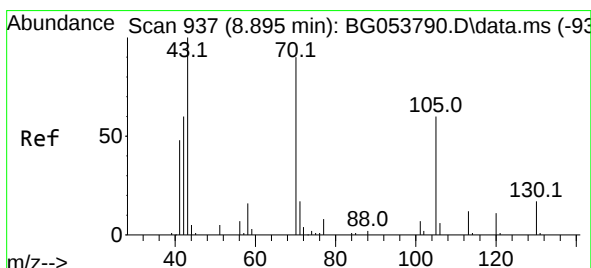
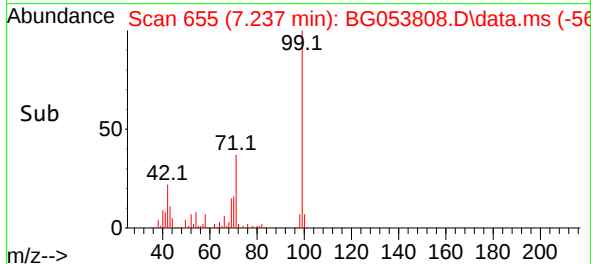
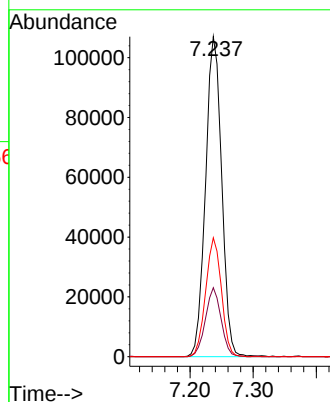
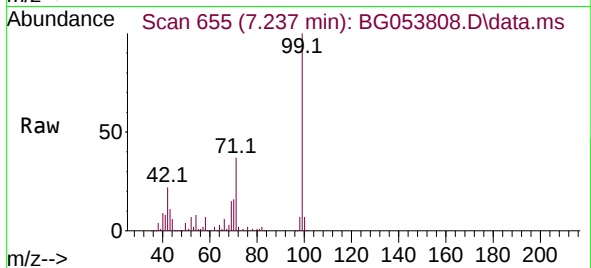




#7
Phenol-d6
Concen: 107.225 ng
RT: 7.237 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG053808.D
Acq: 3 Jun 2022 11:42

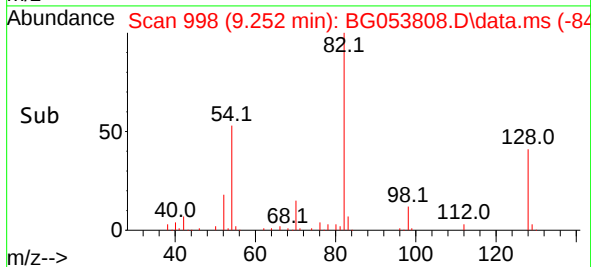
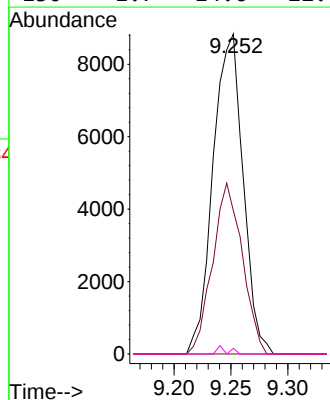
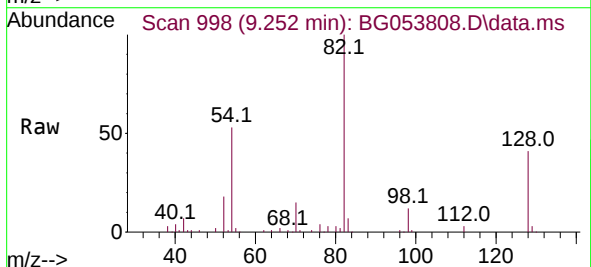
Instrument :
BNA_G
ClientSampleId :
P033-SS001-2430-01

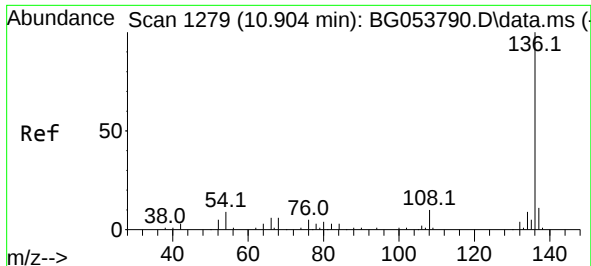
Tgt Ion: 99 Resp: 189916
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 37.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.927 ng
RT: 9.252 min Scan# 998
Delta R.T. 0.357 min
Lab File: BG053808.D
Acq: 3 Jun 2022 11:42

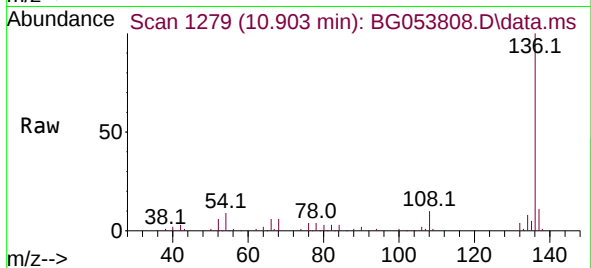
Tgt Ion: 70 Resp: 16217
Ion Ratio Lower Upper
70 100
42 44.8 47.3 70.9#
101 0.0 7.0 10.4#
130 1.7 14.6 22.0#



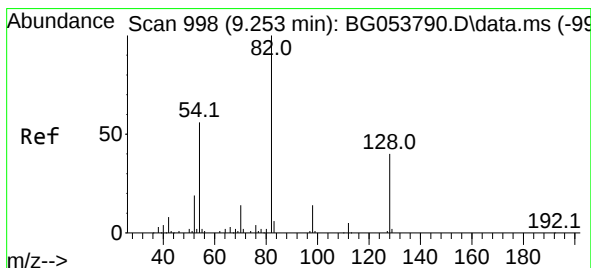
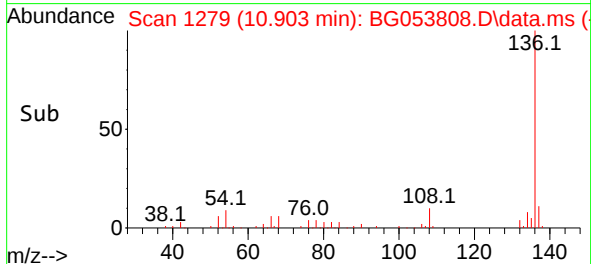
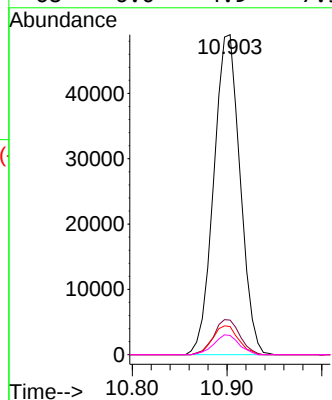


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.903 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG053808.D
Acq: 3 Jun 2022 11:42

Instrument :
BNA_G
ClientSampleId :
P033-SS001-2430-01

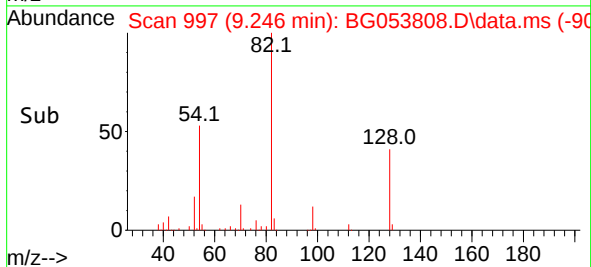
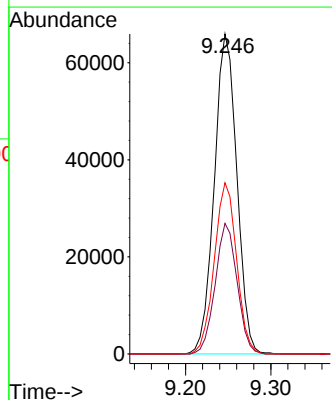
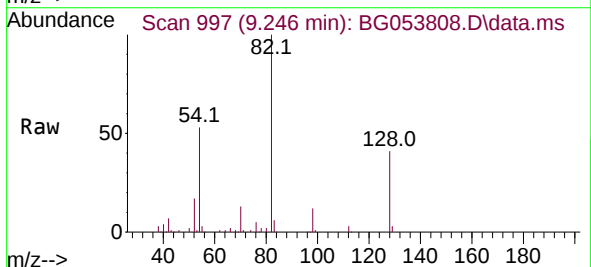


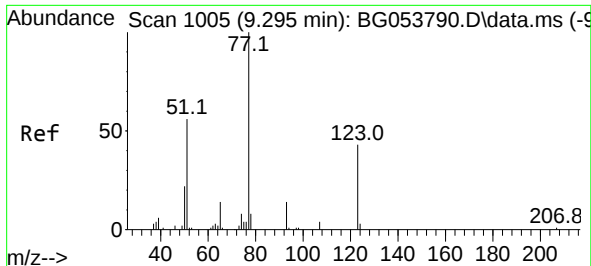
Tgt Ion:	136	Resp:	94529
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	8.8	7.4	11.2
68	6.0	4.9	7.3



#23
Nitrobenzene-d5
Concen: 84.235 ng
RT: 9.246 min Scan# 997
Delta R.T. -0.007 min
Lab File: BG053808.D
Acq: 3 Jun 2022 11:42

Tgt Ion:	82	Resp:	121256
Ion Ratio	Lower	Upper	
82	100		
128	40.8	27.9	41.9
54	53.5	41.2	61.8

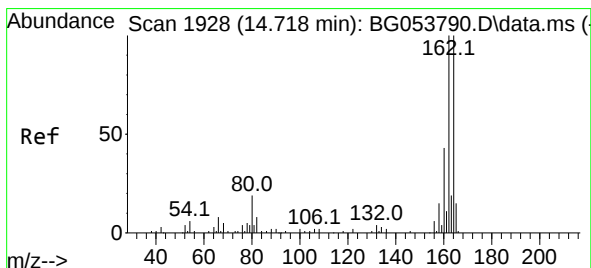
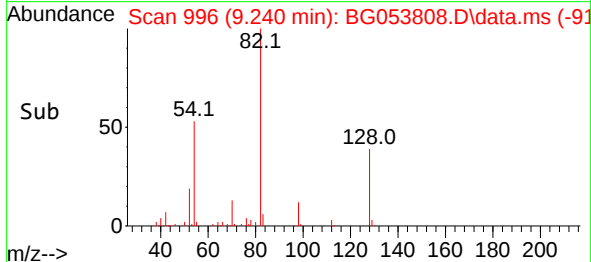
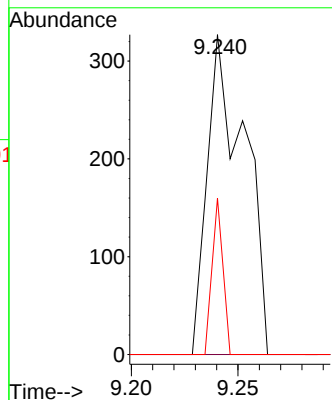
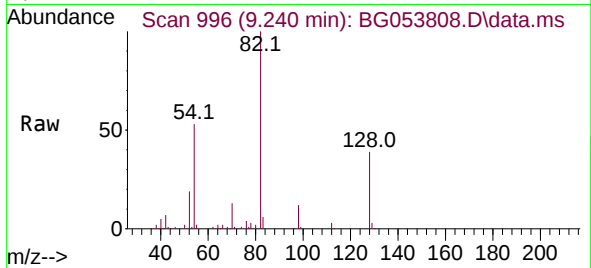




#24
Nitrobenzene
Concen: 3.204 ng
RT: 9.240 min Scan# 91
Delta R.T. -0.055 min
Lab File: BG053808.D
Acq: 3 Jun 2022 11:42

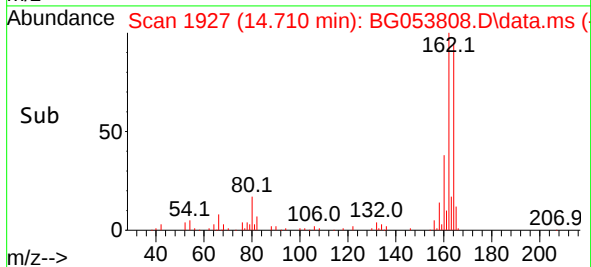
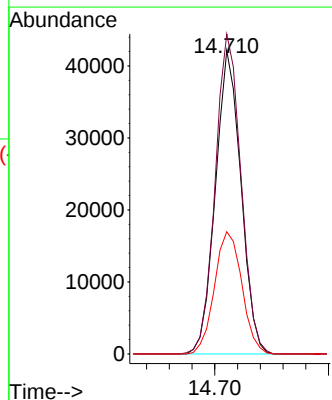
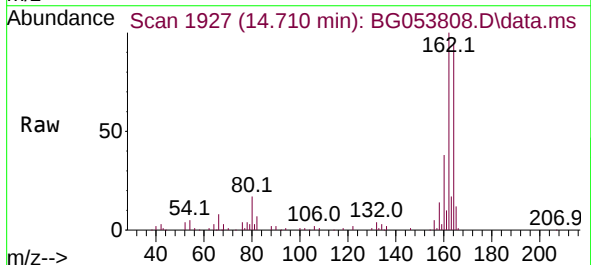
Instrument :
BNA_G
ClientSampleId :
P033-SS001-2430-01

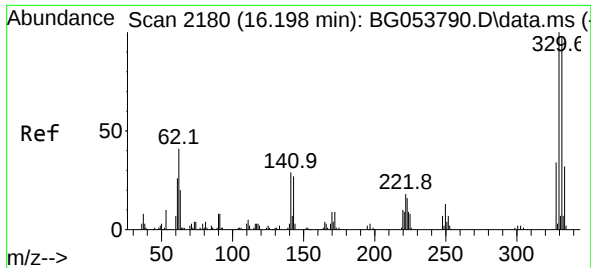
Tgt Ion: 77 Resp: 396
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 48.9 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053808.D
Acq: 3 Jun 2022 11:42

Tgt Ion: 164 Resp: 65511
Ion Ratio Lower Upper
164 100
162 105.4 82.3 123.5
160 40.2 34.2 51.2

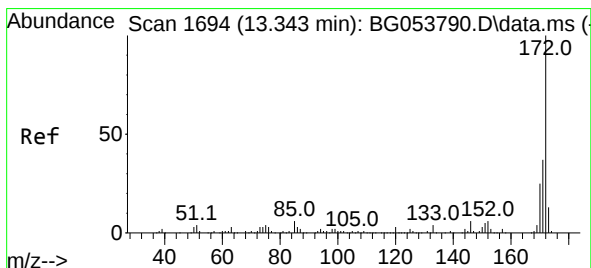
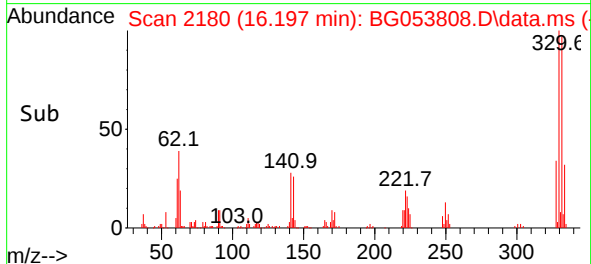
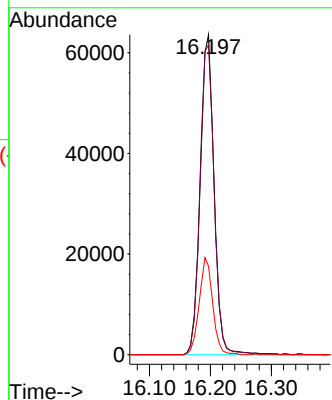
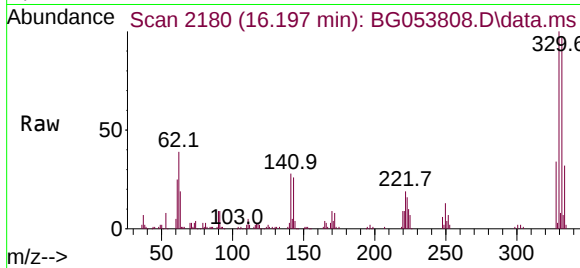




#42
2,4,6-Tribromophenol
Concen: 127.225 ng
RT: 16.197 min Scan# 2180
Delta R.T. -0.001 min
Lab File: BG053808.D
Acq: 3 Jun 2022 11:42

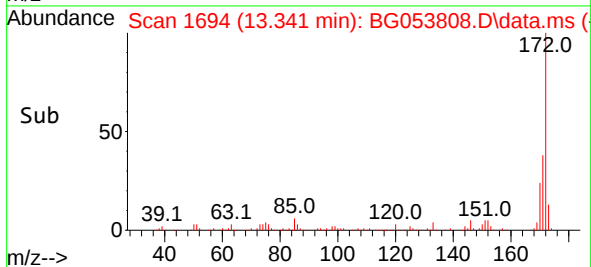
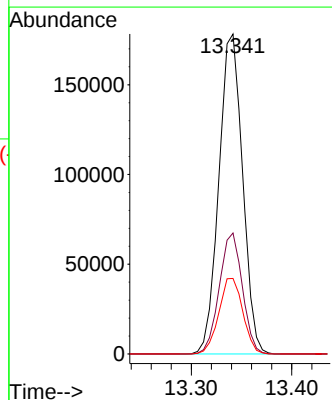
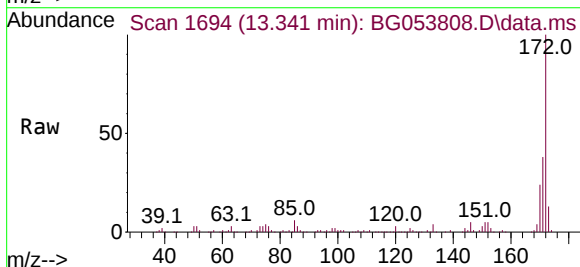
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BNA_G
ClientSampleId :
P033-SS001-2430-01

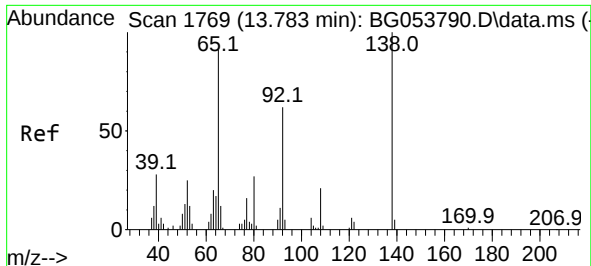
Tgt Ion:330 Resp: 101171
Ion Ratio Lower Upper
330 100
332 98.1 76.0 114.0
141 29.3 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 66.605 ng
RT: 13.341 min Scan# 1694
Delta R.T. -0.002 min
Lab File: BG053808.D
Acq: 3 Jun 2022 11:42

Tgt Ion:172 Resp: 291665
Ion Ratio Lower Upper
172 100
171 37.8 28.5 42.7
170 23.6 18.9 28.3

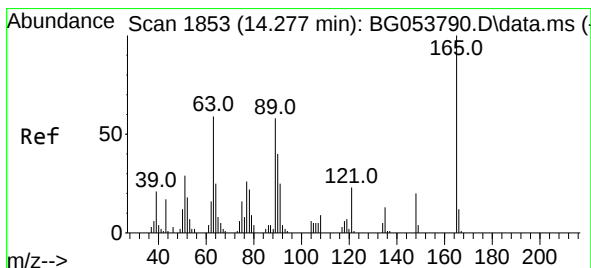
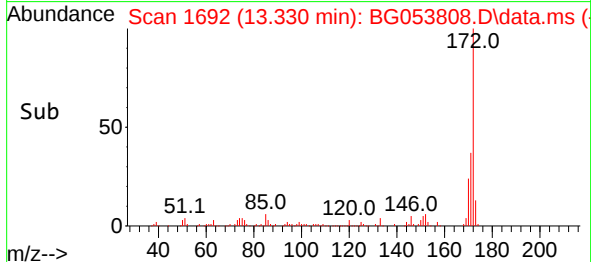
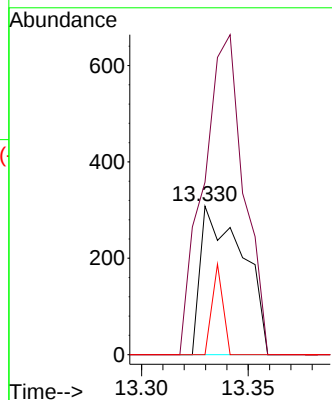
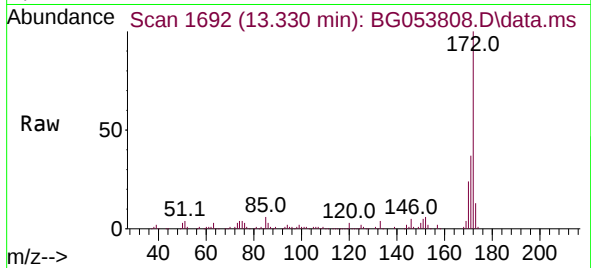




#48
2-Nitroaniline
Concen: 5.450 ng
RT: 13.330 min Scan# 1
Delta R.T. -0.453 min
Lab File: BG053808.D
Acq: 3 Jun 2022 11:42

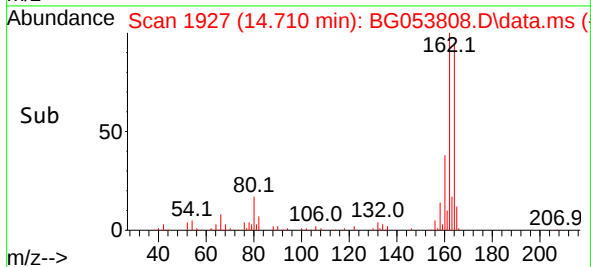
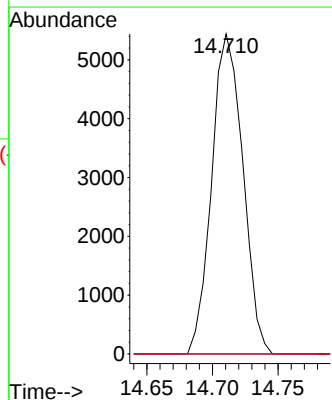
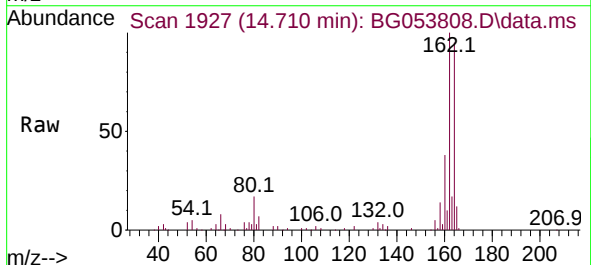
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ClientSampleId :
P033-SS001-2430-01

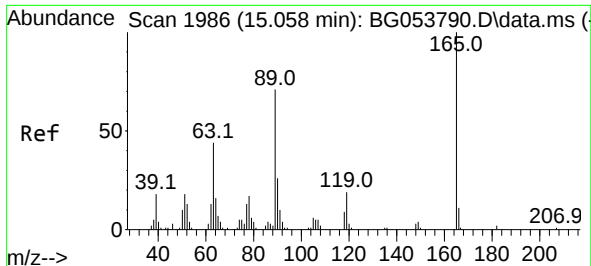
Tgt Ion: 65 Resp: 422
Ion Ratio Lower Upper
65 100
92 116.2 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.592 ng
RT: 14.710 min Scan# 1927
Delta R.T. 0.433 min
Lab File: BG053808.D
Acq: 3 Jun 2022 11:42

Tgt Ion:165 Resp: 8978
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 11.351 ng

RT: 14.710 min Scan# 1986

Delta R.T. -0.348 min

Lab File: BG053808.D

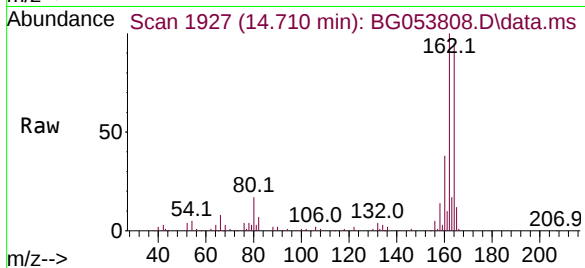
Acq: 3 Jun 2022 11:42

Instrument :

BNA_G

ClientSampleId :

P033-SS001-2430-01



Tgt Ion:165 Resp: 8978

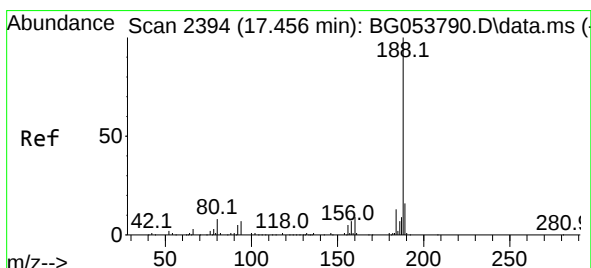
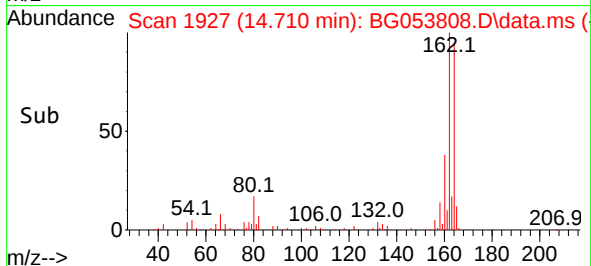
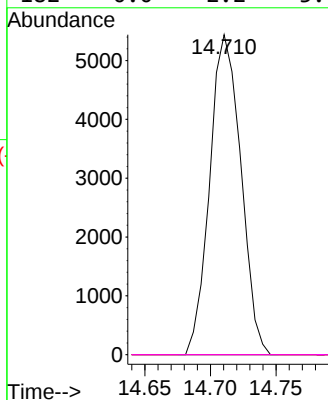
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.454 min Scan# 2394

Delta R.T. -0.002 min

Lab File: BG053808.D

Acq: 3 Jun 2022 11:42

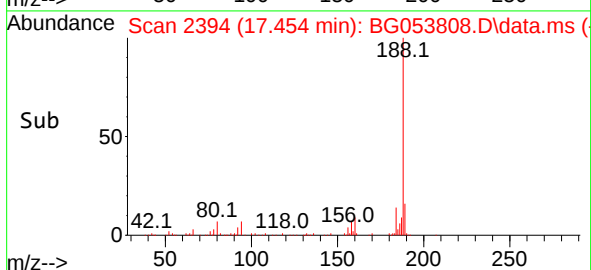
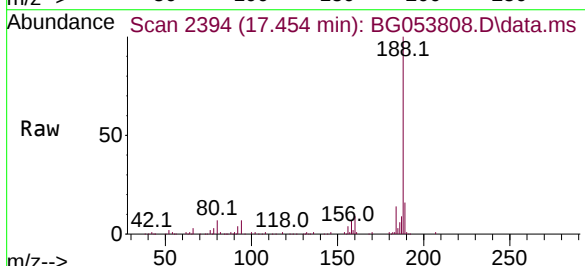
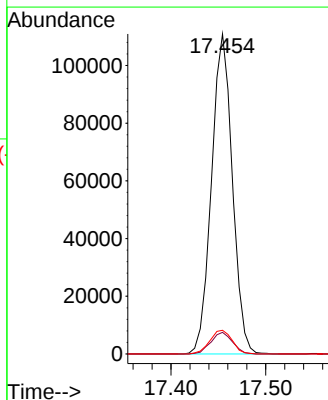
Tgt Ion:188 Resp: 169596

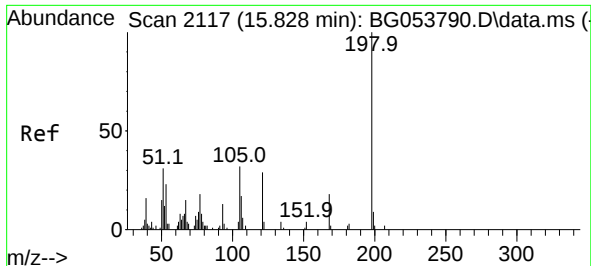
Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.0

80 7.4 6.8 10.2

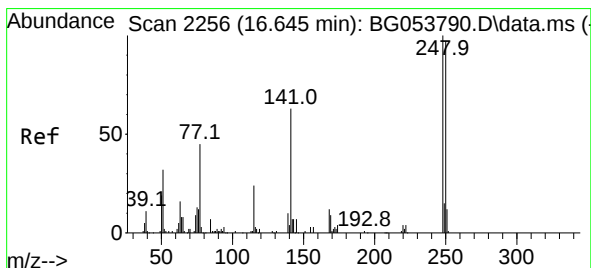
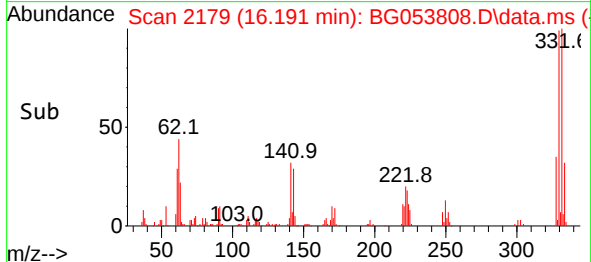
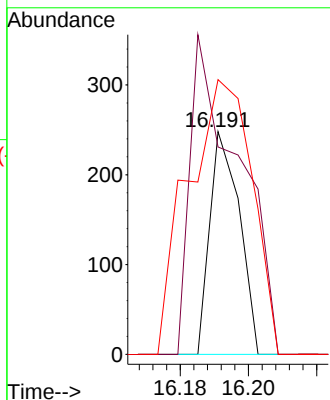
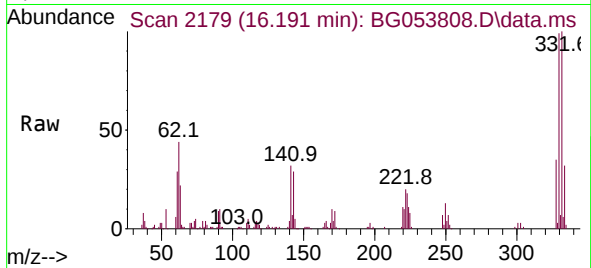




#65
4,6-Dinitro-2-methylphenol
Concen: 5.806 ng
RT: 16.191 min Scan# 2117
Delta R.T. 0.363 min
Lab File: BG053808.D
Acq: 3 Jun 2022 11:42

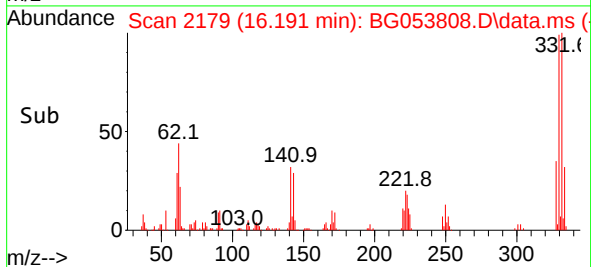
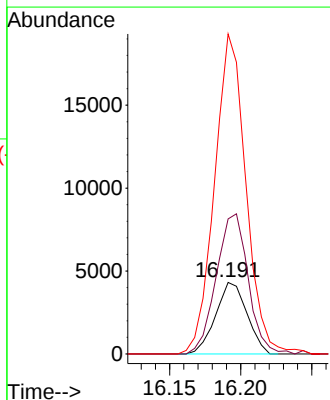
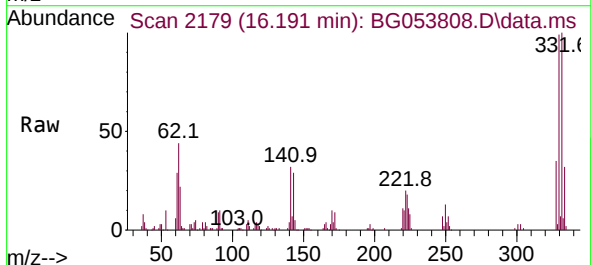
Instrument :
BNA_G
ClientSampleId :
P033-SS001-2430-01

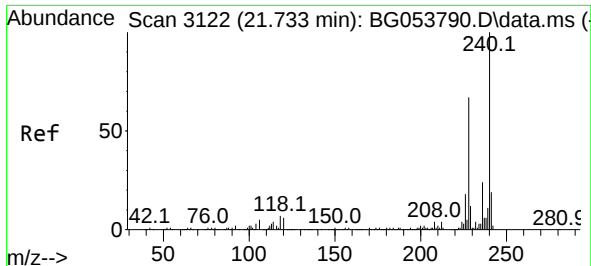
Tgt Ion:198 Resp: 149
Ion Ratio Lower Upper
198 100
51 93.1 28.1 68.1#
105 123.4 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 3.582 ng
RT: 16.191 min Scan# 2179
Delta R.T. -0.454 min
Lab File: BG053808.D
Acq: 3 Jun 2022 11:42

Tgt Ion:248 Resp: 6600
Ion Ratio Lower Upper
248 100
250 183.9 75.2 112.8#
141 336.6 50.0 75.0#

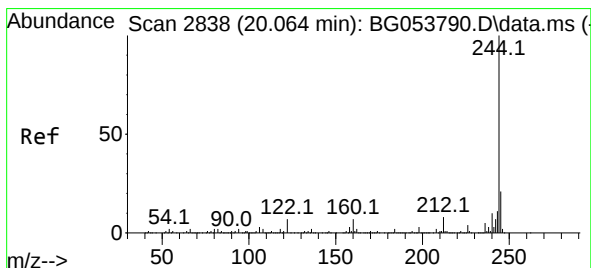
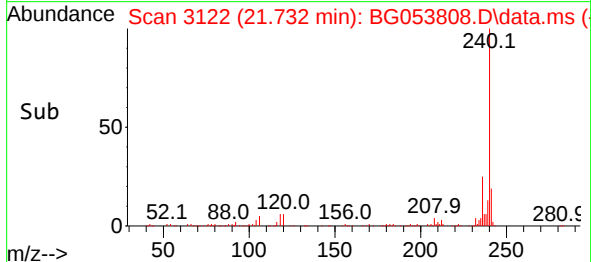
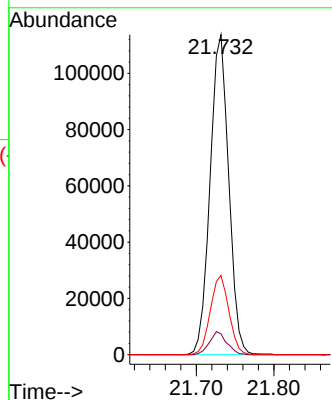
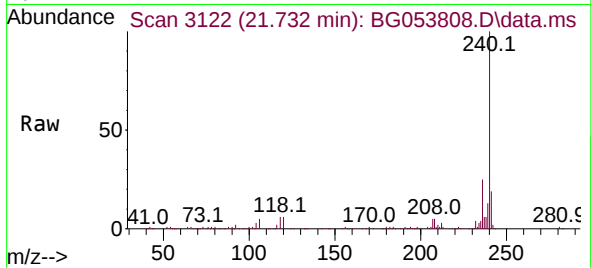




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.732 min Scan# 3122
Delta R.T. -0.001 min
Lab File: BG053808.D
Acq: 3 Jun 2022 11:42

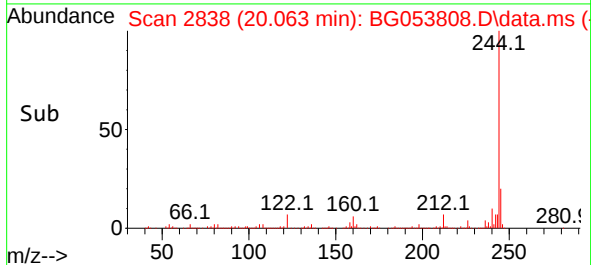
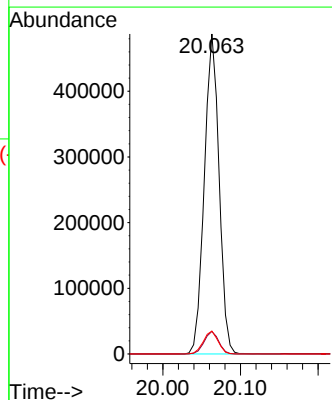
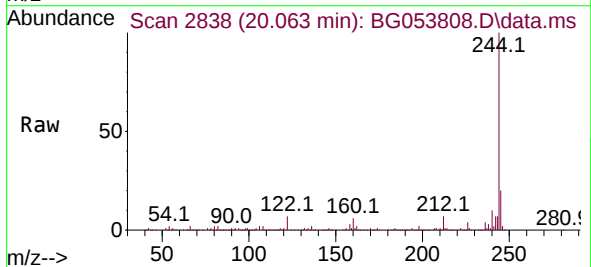
Instrument :
BNA_G
ClientSampleId :
P033-SS001-2430-01

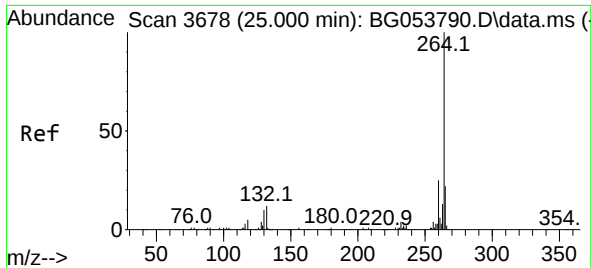
Tgt Ion:240 Resp: 189759
Ion Ratio Lower Upper
240 100
120 6.5 4.6 7.0
236 24.8 20.2 30.4



#79
Terphenyl-d14
Concen: 67.424 ng
RT: 20.063 min Scan# 2838
Delta R.T. -0.001 min
Lab File: BG053808.D
Acq: 3 Jun 2022 11:42

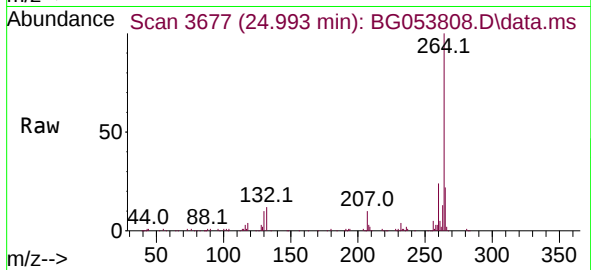
Tgt Ion:244 Resp: 643124
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 7.2 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.993 min Scan# 30
Delta R.T. -0.007 min
Lab File: BG053808.D
Acq: 3 Jun 2022 11:42

Instrument :
BNA_G
ClientSampleId :
P033-SS001-2430-01



Tgt Ion:264 Resp: 186670

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	21.8	17.4	26.2

