

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
 Data File : BG053830.D
 Acq On : 6 Jun 2022 15:45
 Operator : CG/JU
 Sample : N3176-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NEWARK-SP

Quant Time: Jun 07 04:18:57 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)

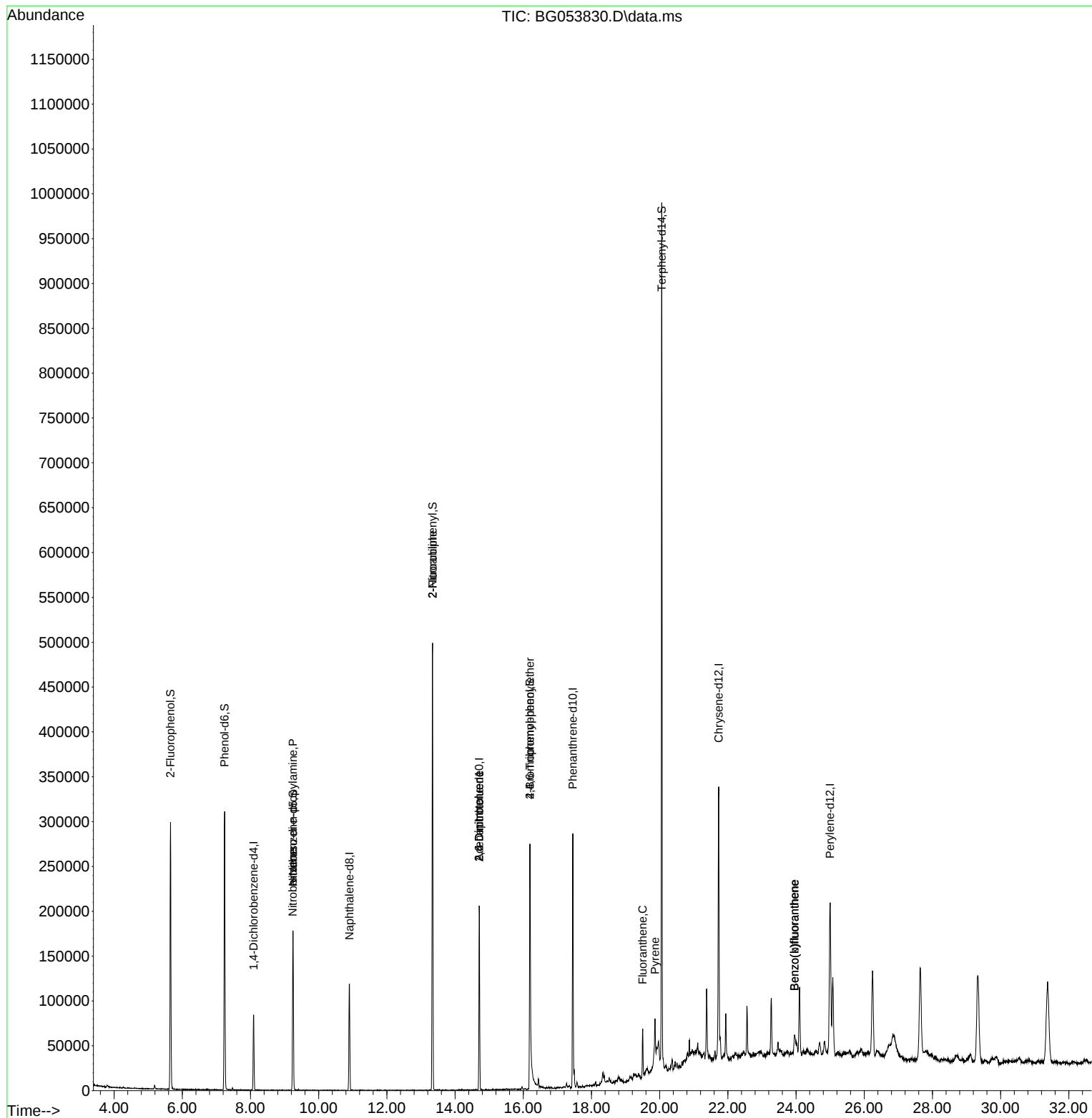
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	26386	20.000	ng	0.00
21) Naphthalene-d8	10.902	136	109813	20.000	ng	# 0.00
39) Acenaphthene-d10	14.710	164	79416	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	193749	20.000	ng	0.00
76) Chrysene-d12	21.731	240	199587	20.000	ng	0.00
86) Perylene-d12	24.998	264	200676	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	140979	98.115	ng	0.00
7) Phenol-d6	7.242	99	187278	96.218	ng	0.00
23) Nitrobenzene-d5	9.245	82	112978	67.561	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	93104	96.581	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	286968	54.058	ng	0.00
79) Terphenyl-d14	20.062	244	511921	51.026	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.245	70	15067	10.930	ng	# 80
24) Nitrobenzene	9.240	77	197	3.071	ng	# 48
48) 2-Nitroaniline	13.341	65	419	5.376	ng	# 1
51) 2,6-Dinitrotoluene	14.710	165	10745	13.470	ng	# 16
57) 2,4-Dinitrotoluene	14.710	165	10745	11.263	ng	# 21
67) 4-Bromophenyl-phenylether	16.196	248	5405	2.568	ng	# 1
75) Fluoranthene	19.504	202	35393	2.676	ng	97
78) Pyrene	19.862	202	32348	2.549	ng	97
88) Benzo(b)fluoranthene	23.958	252	25003	2.007	ng	# 96
89) Benzo(k)fluoranthene	23.958	252	25003	2.030	ng	# 97

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

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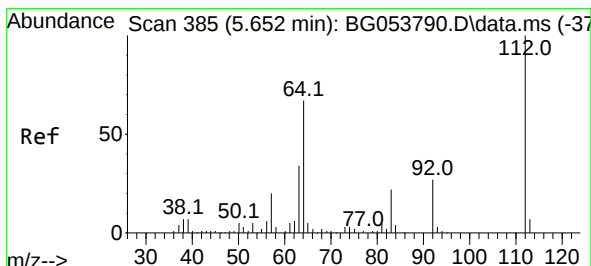
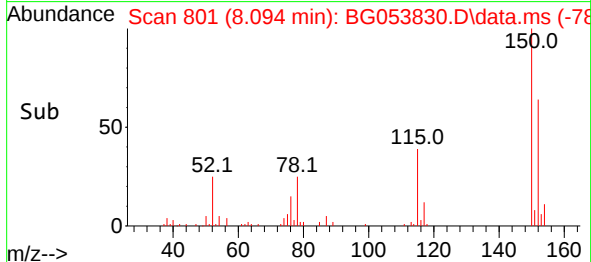
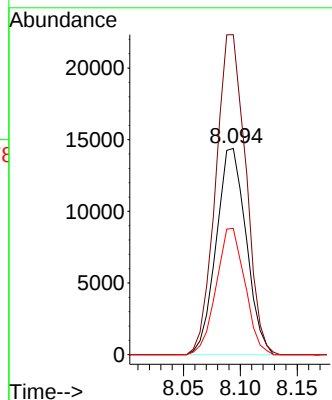
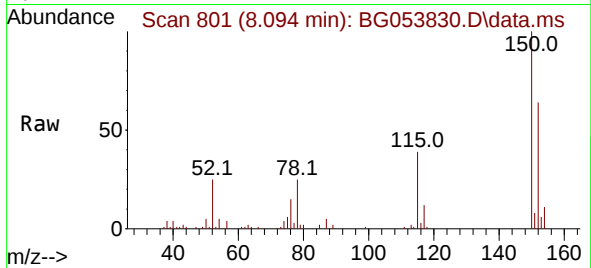




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.094 min Scan# 801
Delta R.T. -0.002 min
Lab File: BG053830.D
Acq: 6 Jun 2022 15:45

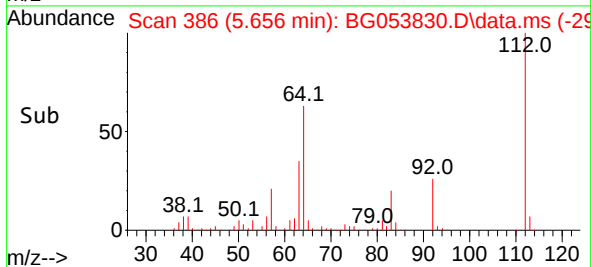
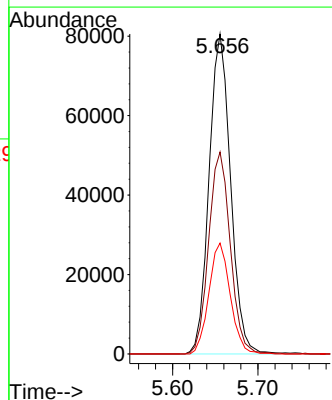
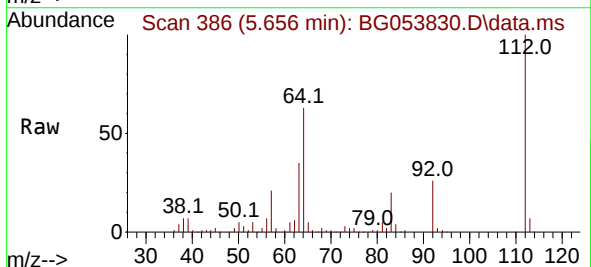
Instrument :
BNA_G
ClientSampleId :
NEWARK-SP

Tgt Ion:152 Resp: 26386
Ion Ratio Lower Upper
152 100
150 155.1 131.6 197.4
115 61.2 50.9 76.3



#5
2-Fluorophenol
Concen: 98.115 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053830.D
Acq: 6 Jun 2022 15:45

Tgt Ion:112 Resp: 140979
Ion Ratio Lower Upper
112 100
64 63.1 55.1 82.7
63 34.6 30.4 45.6

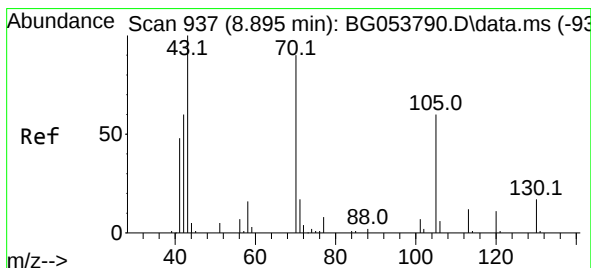
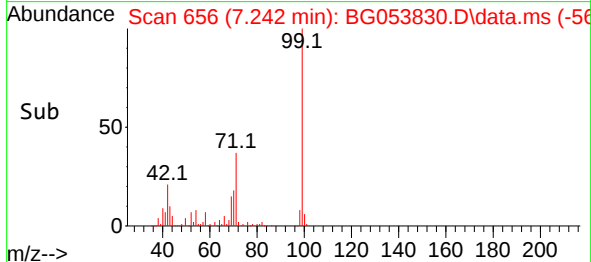
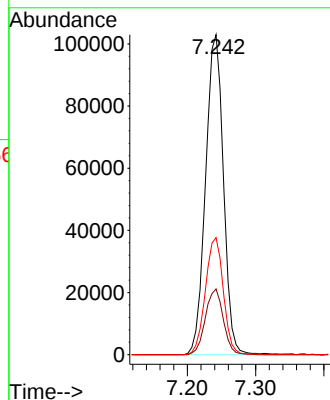
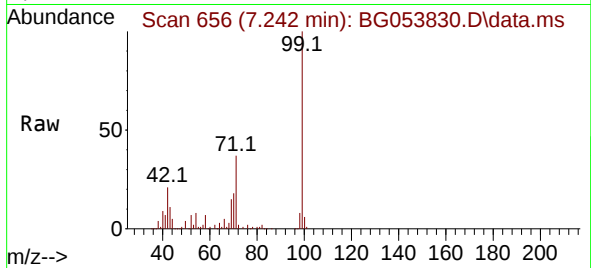




#7
Phenol-d6
Concen: 96.218 ng
RT: 7.242 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG053830.D
Acq: 6 Jun 2022 15:45

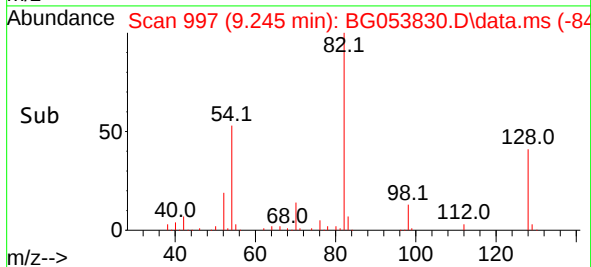
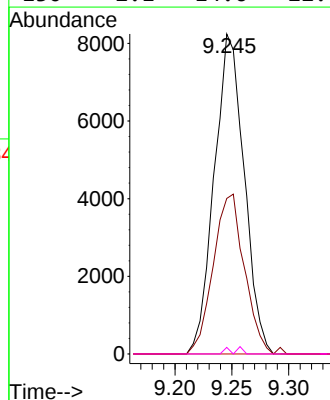
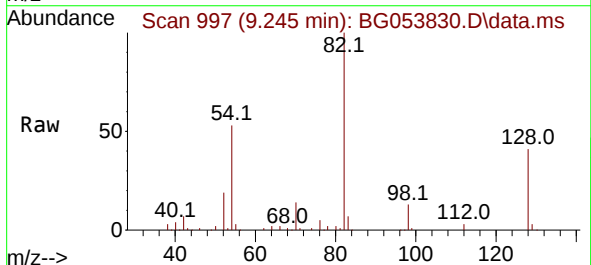
Instrument :
BNA_G
ClientSampleId :
NEWARK-SP

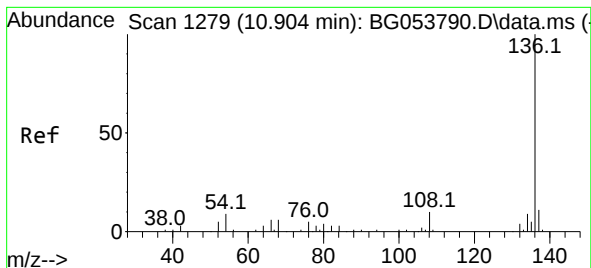
Tgt Ion: 99 Resp: 187278
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 36.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 10.930 ng
RT: 9.245 min Scan# 997
Delta R.T. 0.350 min
Lab File: BG053830.D
Acq: 6 Jun 2022 15:45

Tgt Ion: 70 Resp: 15067
Ion Ratio Lower Upper
70 100
42 48.6 47.3 70.9
101 0.0 7.0 10.4#
130 2.1 14.6 22.0#

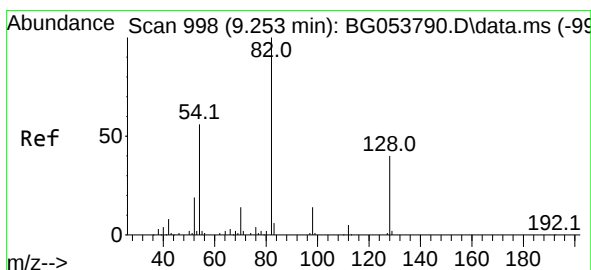
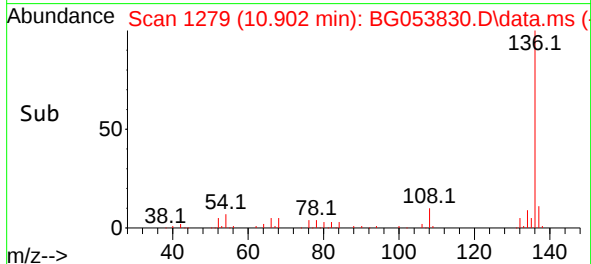
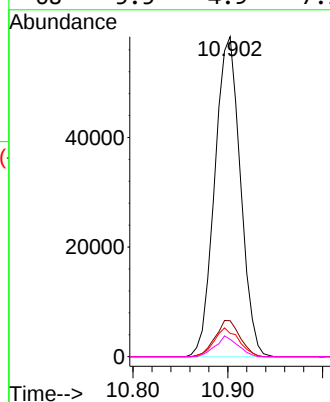
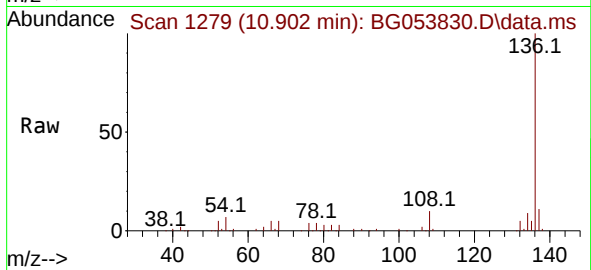




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.902 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053830.D
Acq: 6 Jun 2022 15:45

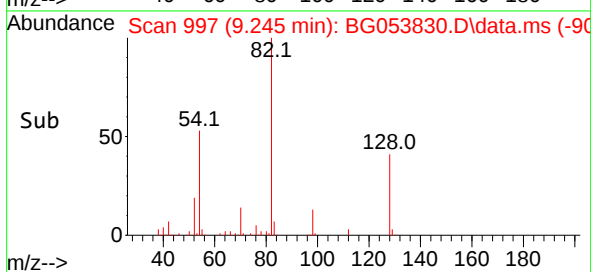
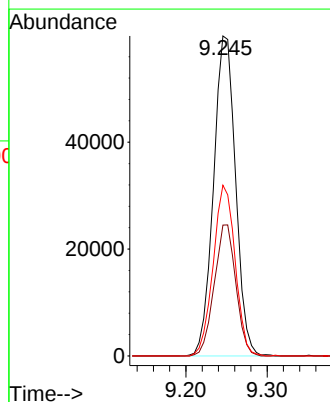
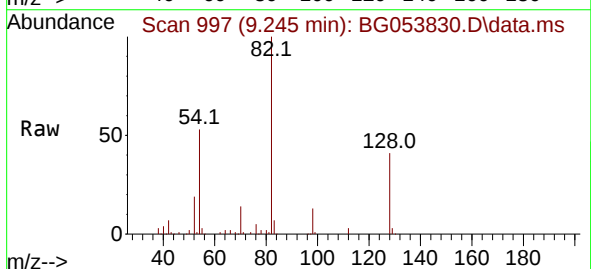
Instrument :
BNA_G
ClientSampleId :
NEWARK-SP

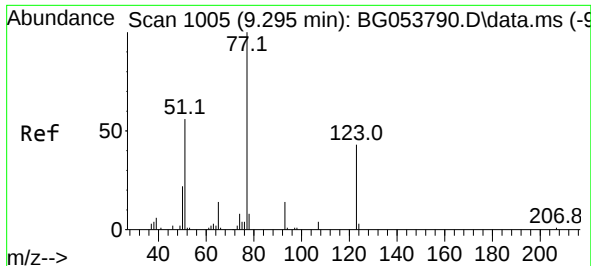
Tgt Ion:136 Resp: 109813
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 7.3 7.4 11.2#
68 5.5 4.9 7.3



#23
Nitrobenzene-d5
Concen: 67.561 ng
RT: 9.245 min Scan# 997
Delta R.T. -0.008 min
Lab File: BG053830.D
Acq: 6 Jun 2022 15:45

Tgt Ion: 82 Resp: 112978
Ion Ratio Lower Upper
82 100
128 40.9 27.9 41.9
54 53.3 41.2 61.8

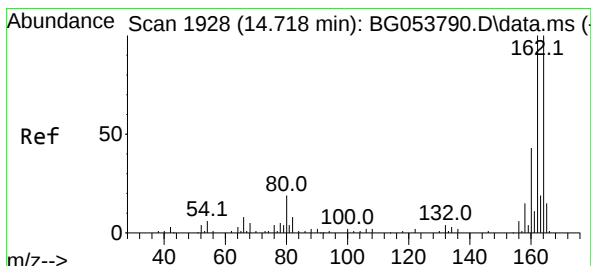
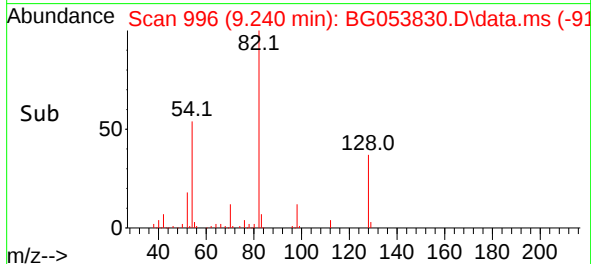
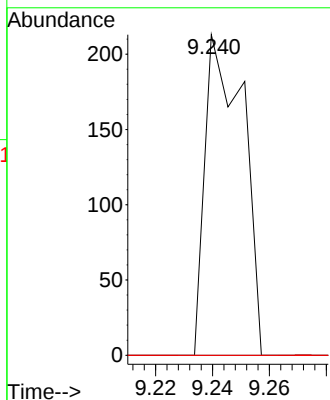
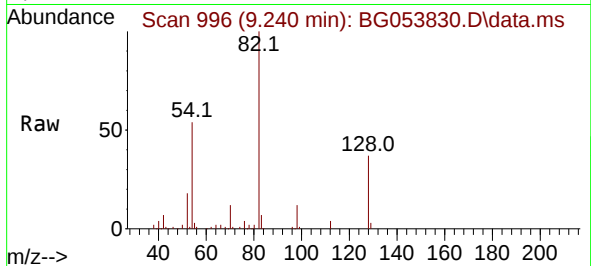




#24
Nitrobenzene
Concen: 3.071 ng
RT: 9.240 min Scan# 91
Delta R.T. -0.055 min
Lab File: BG053830.D
Acq: 6 Jun 2022 15:45

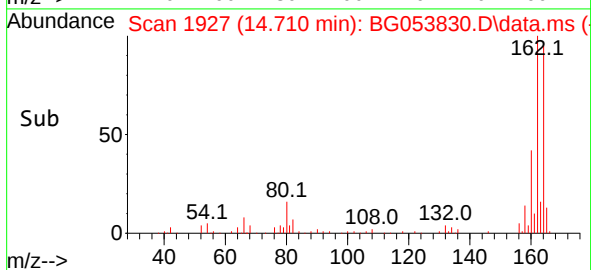
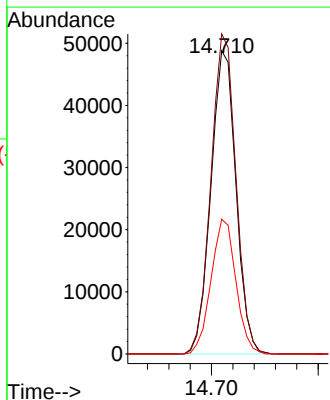
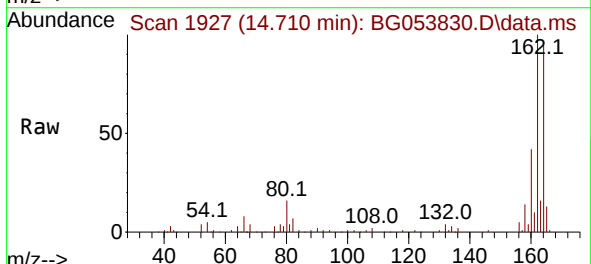
Instrument :
BNA_G
ClientSampleId :
NEWARK-SP

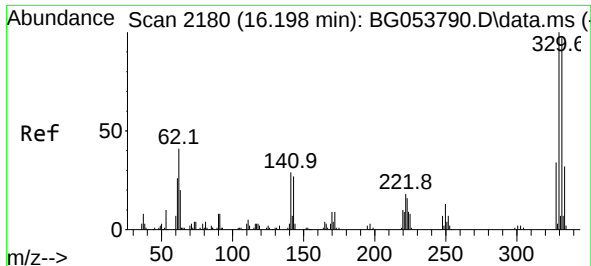
Tgt Ion: 77 Resp: 197
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053830.D
Acq: 6 Jun 2022 15:45

Tgt Ion:164 Resp: 79416
Ion Ratio Lower Upper
164 100
162 105.5 82.3 123.5
160 44.5 34.2 51.2

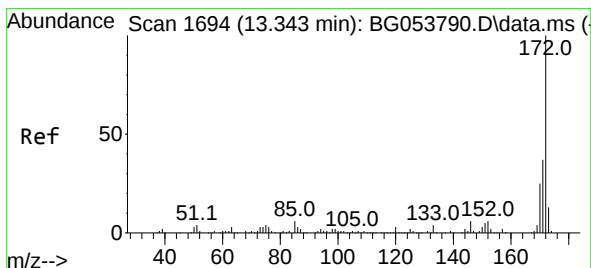
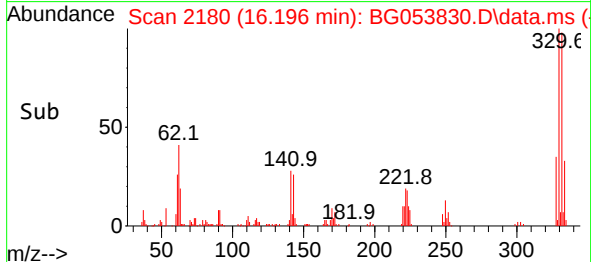
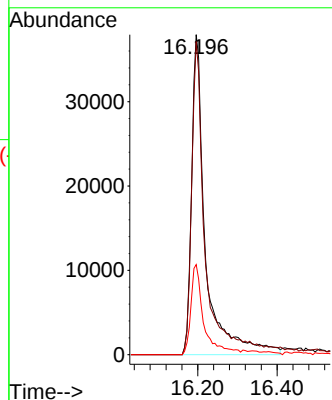
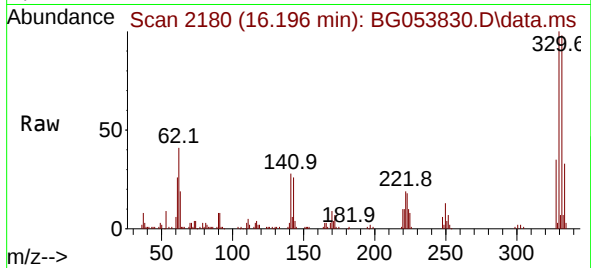




#42
2,4,6-Tribromophenol
Concen: 96.581 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG053830.D
Acq: 6 Jun 2022 15:45

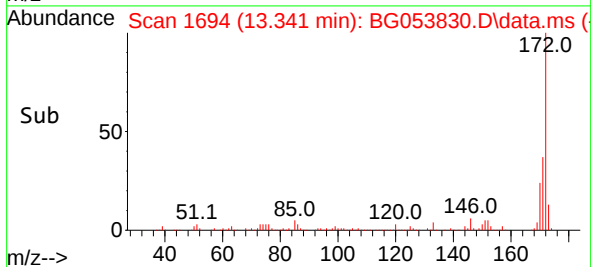
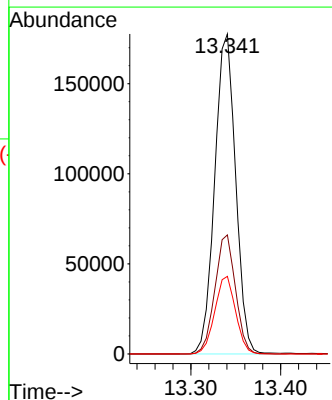
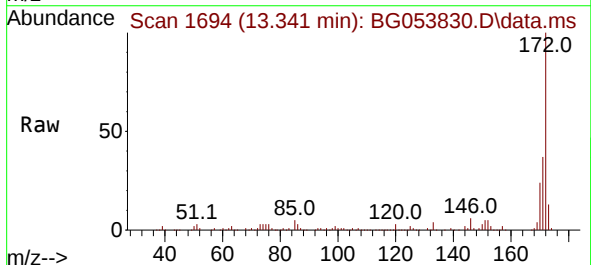
Instrument :
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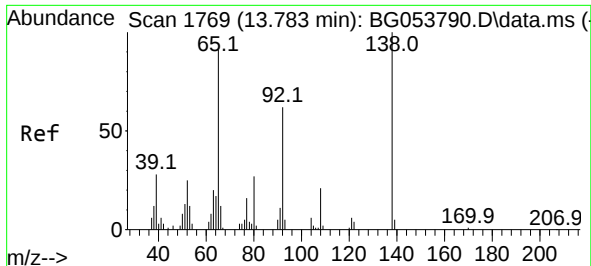
Tgt Ion:330 Resp: 93104
Ion Ratio Lower Upper
330 100
332 98.2 76.0 114.0
141 26.1 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 54.058 ng
RT: 13.341 min Scan# 1694
Delta R.T. -0.002 min
Lab File: BG053830.D
Acq: 6 Jun 2022 15:45

Tgt Ion:172 Resp: 286968
Ion Ratio Lower Upper
172 100
171 37.2 28.5 42.7
170 24.3 18.9 28.3

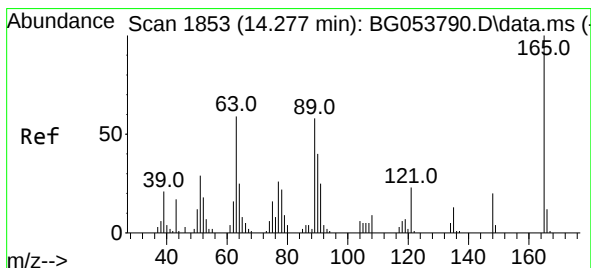
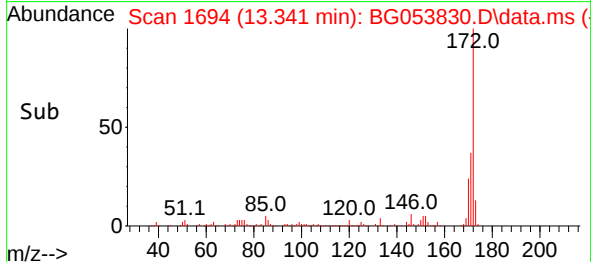
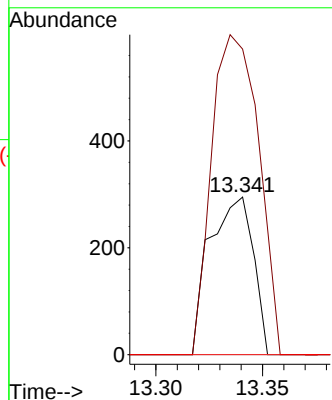
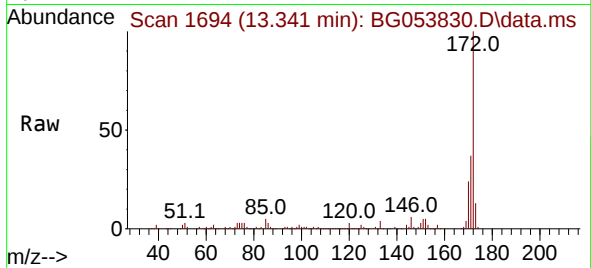




#48
2-Nitroaniline
Concen: 5.376 ng
RT: 13.341 min Scan# 1
Delta R.T. -0.442 min
Lab File: BG053830.D
Acq: 6 Jun 2022 15:45

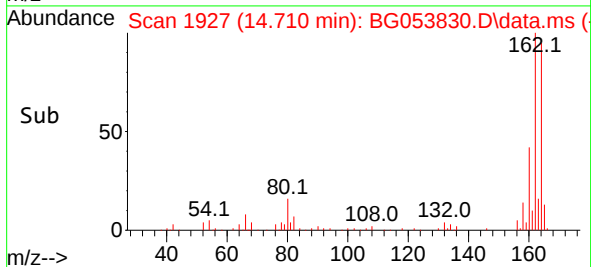
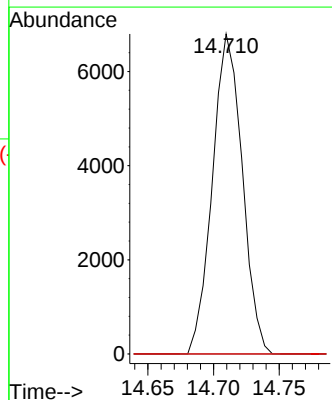
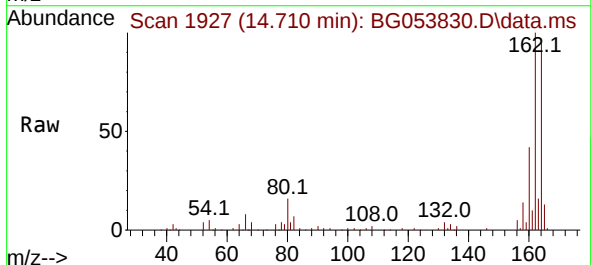
Instrument :
BNA_G
ClientSampleId :
NEWARK-SP

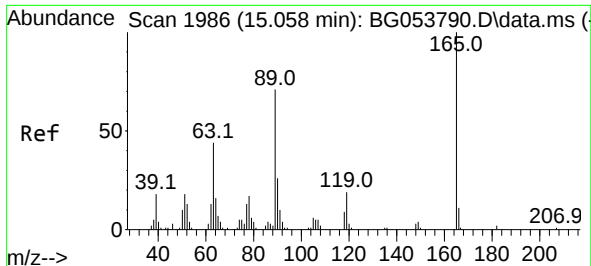
Tgt Ion: 65 Resp: 419
Ion Ratio Lower Upper
65 100
92 193.9 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.470 ng
RT: 14.710 min Scan# 1927
Delta R.T. 0.433 min
Lab File: BG053830.D
Acq: 6 Jun 2022 15:45

Tgt Ion: 165 Resp: 10745
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: 11.263 ng

RT: 14.710 min Scan# 1986

Delta R.T. -0.348 min

Lab File: BG053830.D

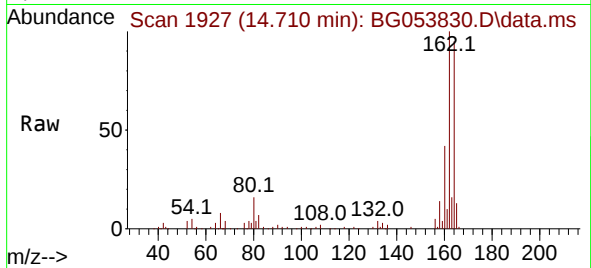
Acq: 6 Jun 2022 15:45

Instrument :

BNA_G

ClientSampleId :

NEWARK-SP



Tgt Ion:165 Resp: 10745

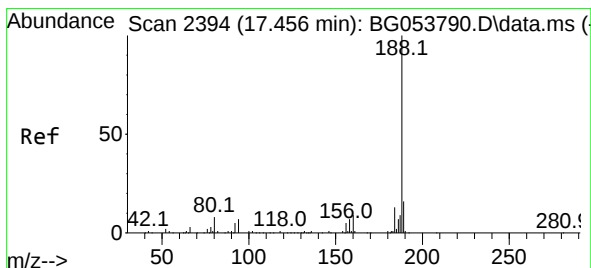
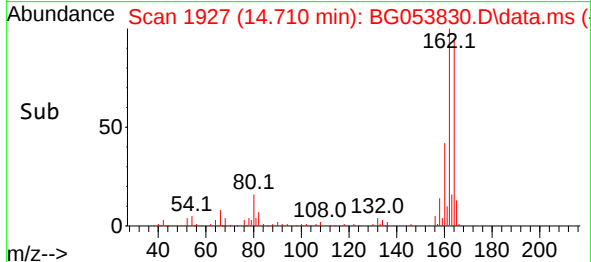
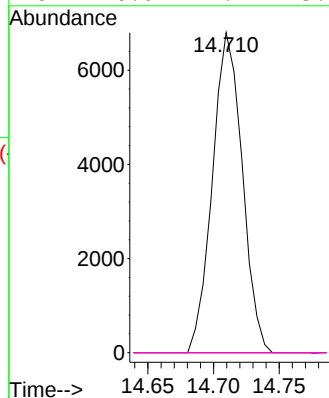
Ion Ratio Lower Upper

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: 17.453 min Scan# 2394

Delta R.T. -0.003 min

Lab File: BG053830.D

Acq: 6 Jun 2022 15:45

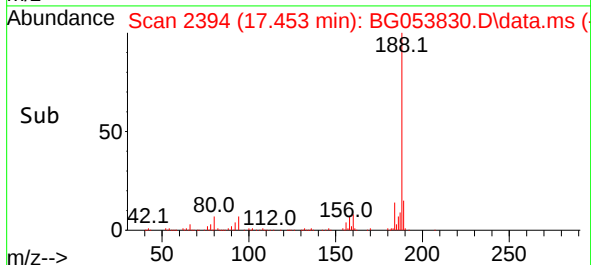
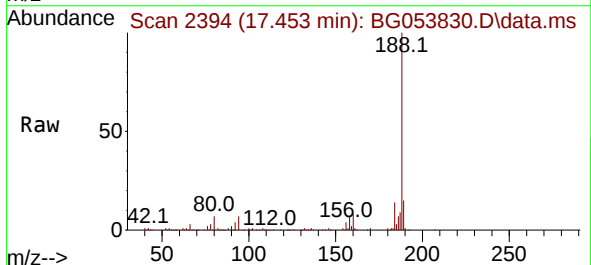
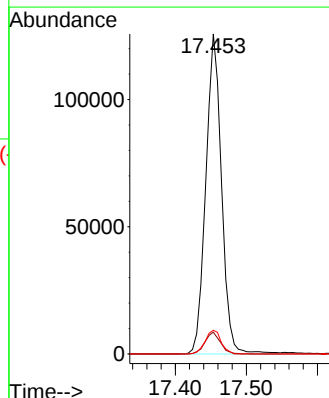
Tgt Ion:188 Resp: 193749

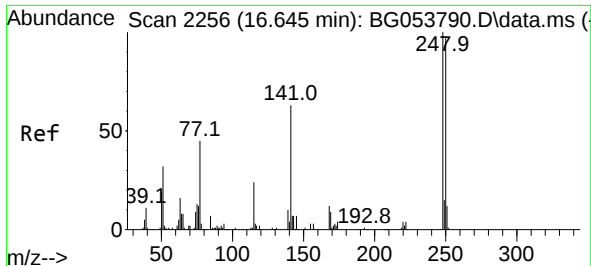
Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.0

80 7.4 6.8 10.2





#67

4-Bromophenyl-phenylether

Concen: 2.568 ng

RT: 16.196 min Scan# 2180

Delta R.T. -0.449 min

Lab File: BG053830.D

Acq: 6 Jun 2022 15:45

Instrument :

BNA_G

ClientSampleId :

NEWARK-SP

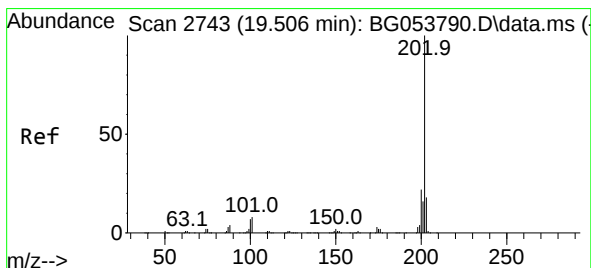
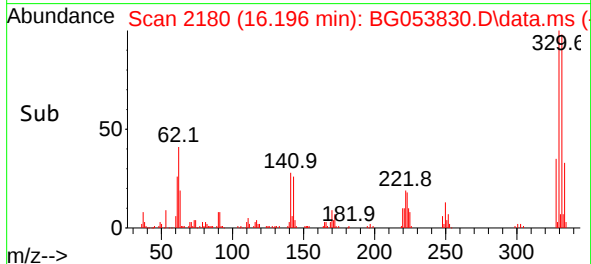
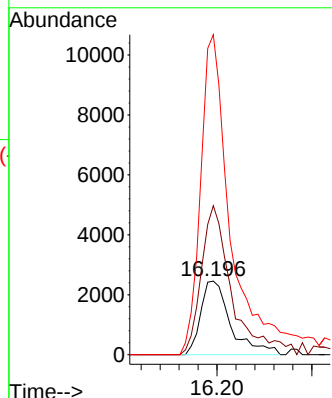
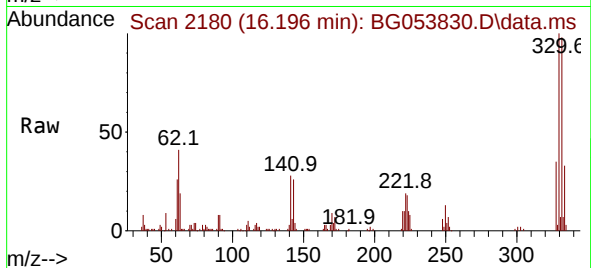
Tgt Ion:248 Resp: 5405

Ion Ratio Lower Upper

248 100

250 194.2 75.2 112.8#

141 325.6 50.0 75.0#



#75

Fluoranthene

Concen: 2.676 ng

RT: 19.504 min Scan# 2743

Delta R.T. -0.002 min

Lab File: BG053830.D

Acq: 6 Jun 2022 15:45

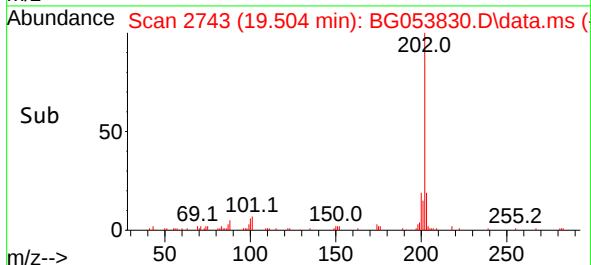
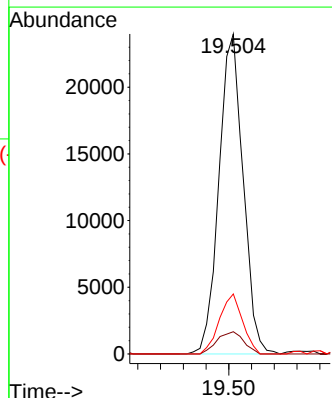
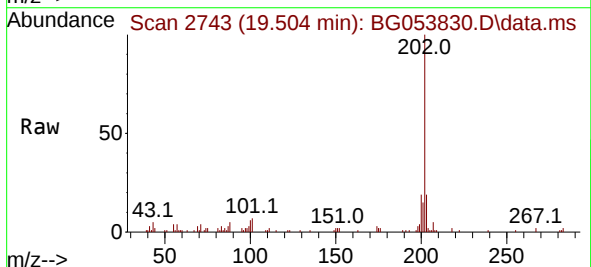
Tgt Ion:202 Resp: 35393

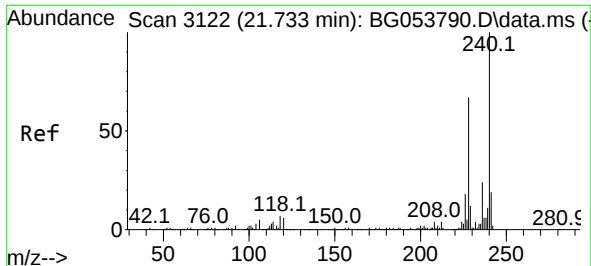
Ion Ratio Lower Upper

202 100

101 7.0 0.0 26.9

203 18.8 0.0 37.2

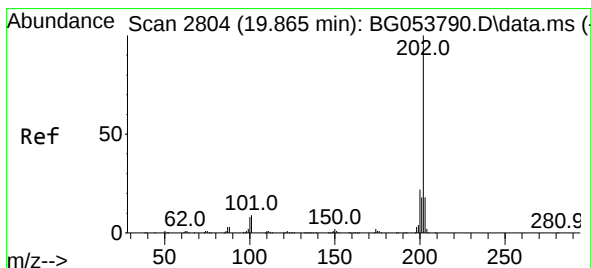
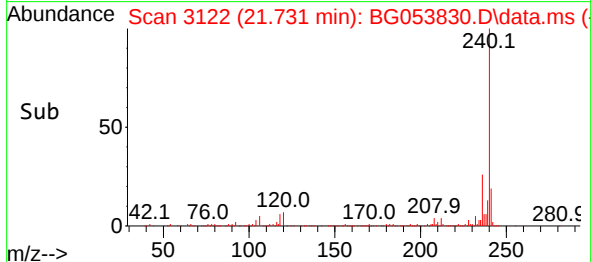
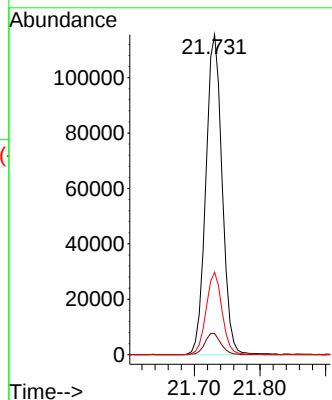
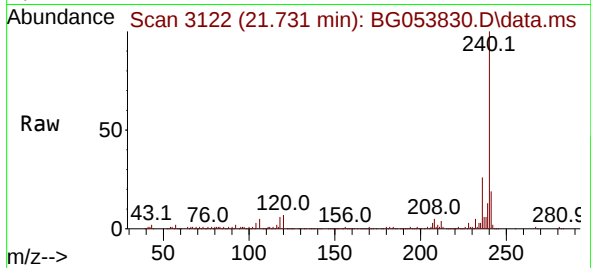




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.731 min Scan# 3122
Delta R.T. -0.002 min
Lab File: BG053830.D
Acq: 6 Jun 2022 15:45

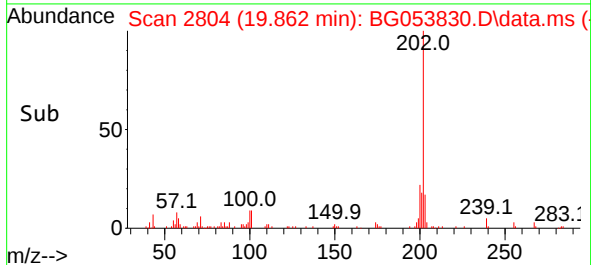
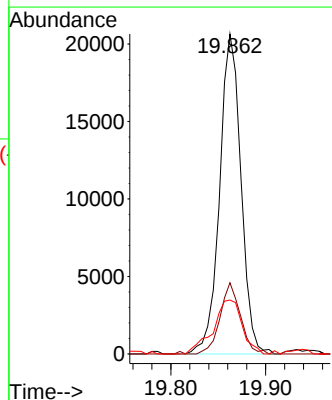
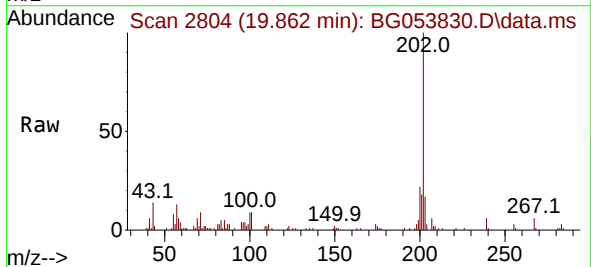
Instrument :
BNA_G
ClientSampleId :
NEWARK-SP

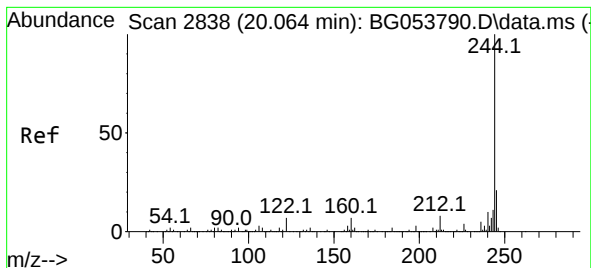
Tgt Ion:240 Resp: 199587
Ion Ratio Lower Upper
240 100
120 6.6 4.6 7.0
236 25.7 20.2 30.4



#78
Pyrene
Concen: 2.549 ng
RT: 19.862 min Scan# 2804
Delta R.T. -0.002 min
Lab File: BG053830.D
Acq: 6 Jun 2022 15:45

Tgt Ion:202 Resp: 32348
Ion Ratio Lower Upper
202 100
200 22.2 16.6 24.8
203 16.9 14.6 21.8





#79

Terphenyl-d14

Concen: 51.026 ng

RT: 20.062 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG053830.D

Acq: 6 Jun 2022 15:45

Instrument :

BNA_G

ClientSampleId :

NEWARK-SP

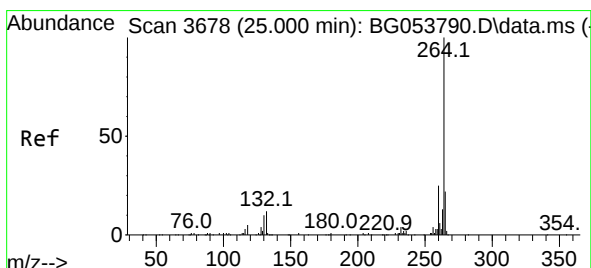
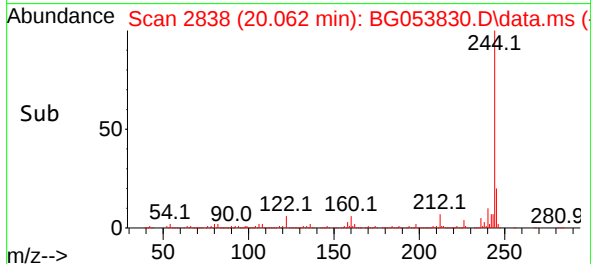
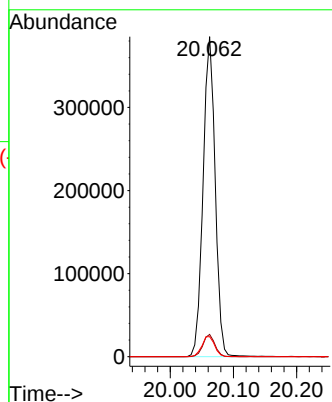
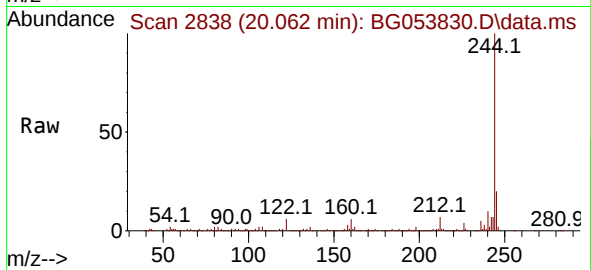
Tgt Ion:244 Resp: 511921

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

122 6.3 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.998 min Scan# 3678

Delta R.T. -0.002 min

Lab File: BG053830.D

Acq: 6 Jun 2022 15:45

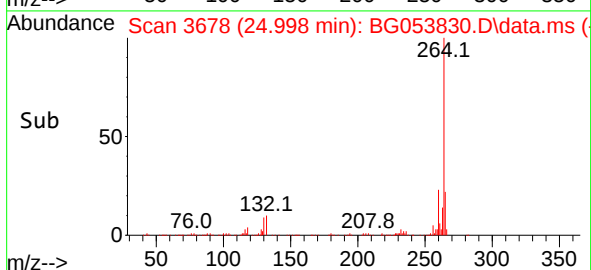
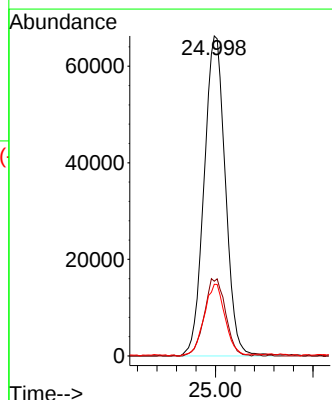
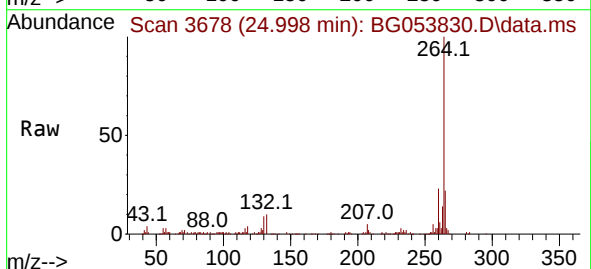
Tgt Ion:264 Resp: 200676

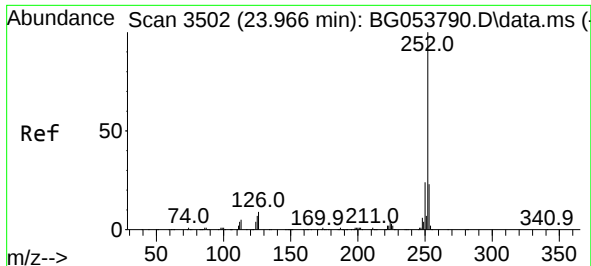
Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 22.4 17.4 26.2

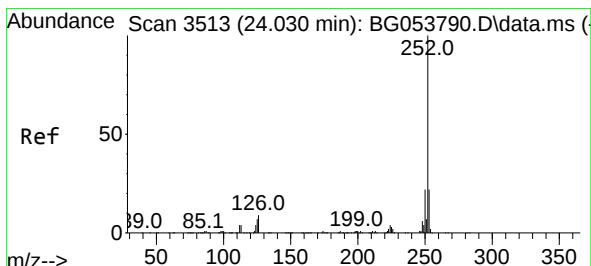
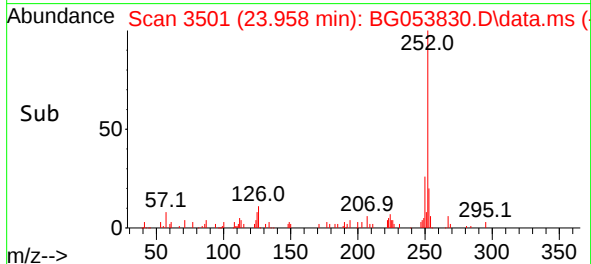
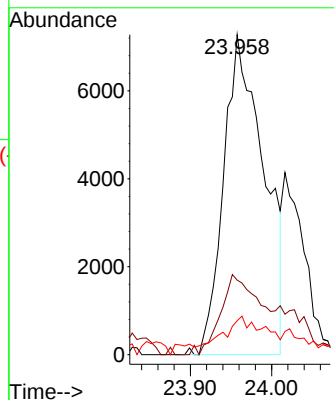
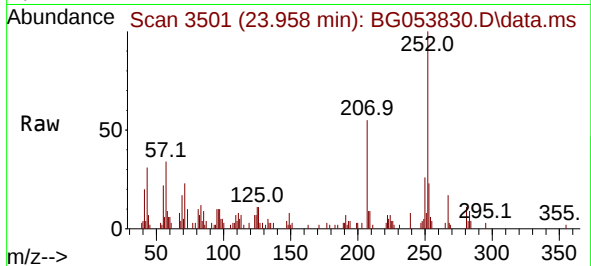




#88
Benzo(b)fluoranthene
Concen: 2.007 ng
RT: 23.958 min Scan# 3501
Delta R.T. -0.008 min
Lab File: BG053830.D
Acq: 6 Jun 2022 15:45

Instrument :
BNA_G
ClientSampleId :
NEWARK-SP

Tgt Ion:252 Resp: 25003
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 10.6 4.6 6.8#



#89
Benzo(k)fluoranthene
Concen: 2.030 ng
RT: 23.958 min Scan# 3501
Delta R.T. -0.073 min
Lab File: BG053830.D
Acq: 6 Jun 2022 15:45

Tgt Ion:252 Resp: 25003
Ion Ratio Lower Upper
252 100
253 23.3 18.4 27.6
125 10.6 4.8 7.2#

