

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)

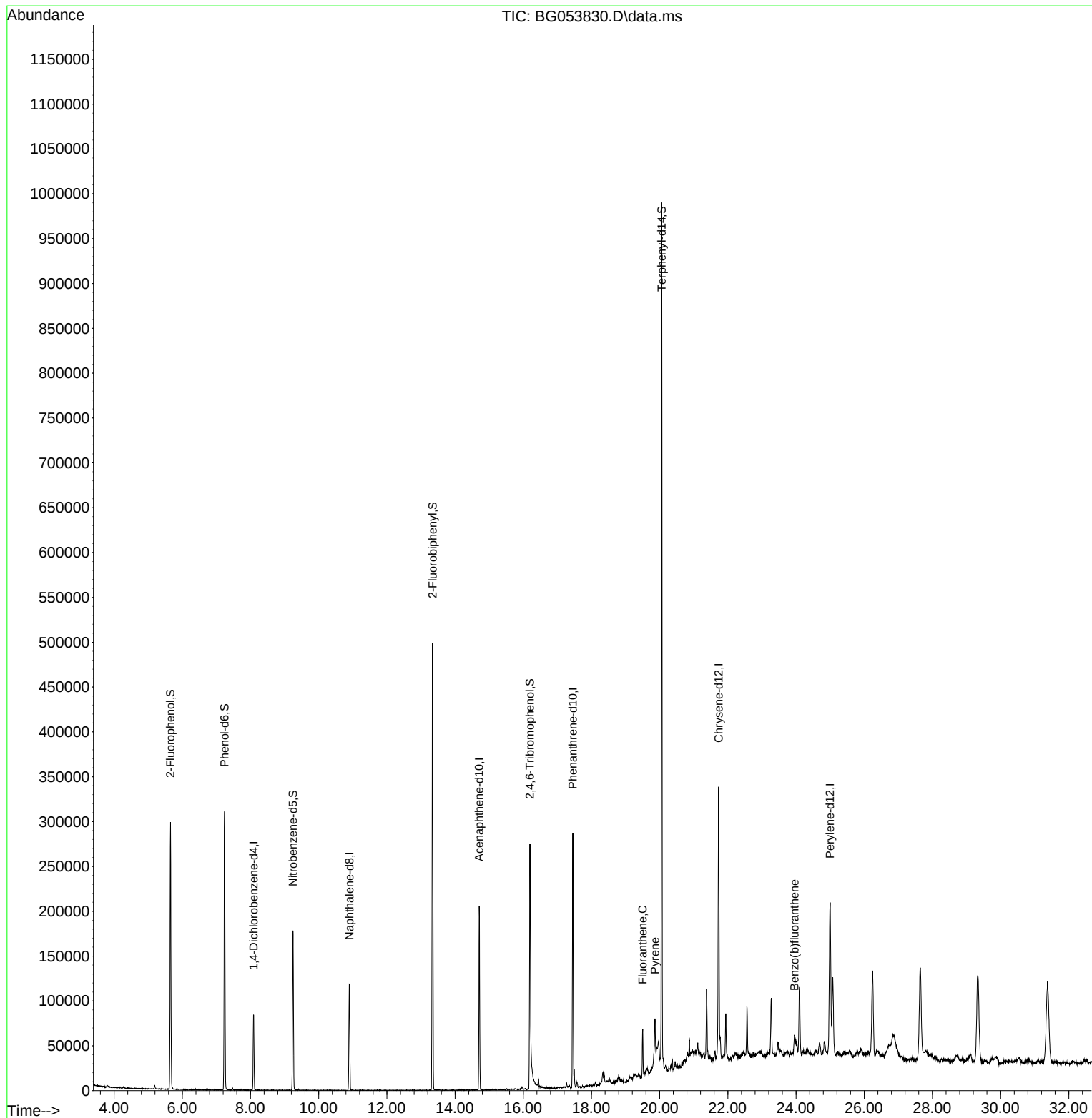
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	26386	20.000	ng	0.00
21) Naphthalene-d8	10.902	136	109813	20.000	ng	# 0.00
39) Acenaphthene-d10	14.710	164	79416	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	193749	20.000	ng	0.00
76) Chrysene-d12	21.731	240	199587	20.000	ng	0.00
86) Perylene-d12	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
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

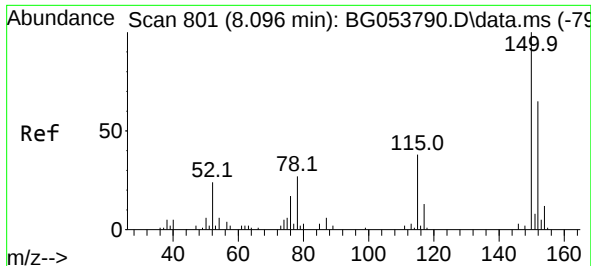
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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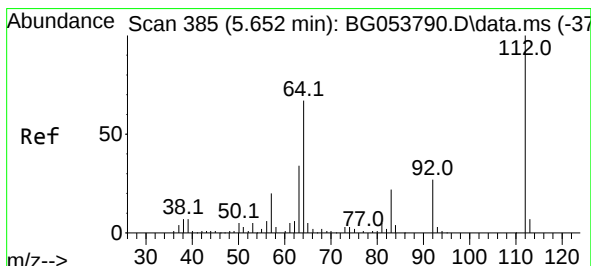
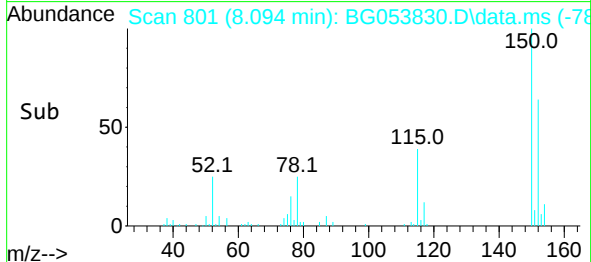
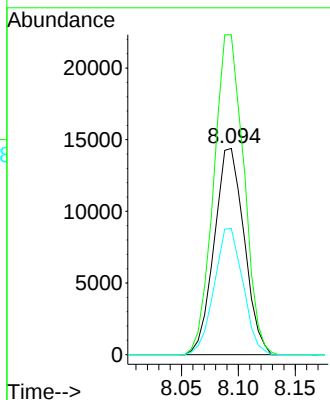
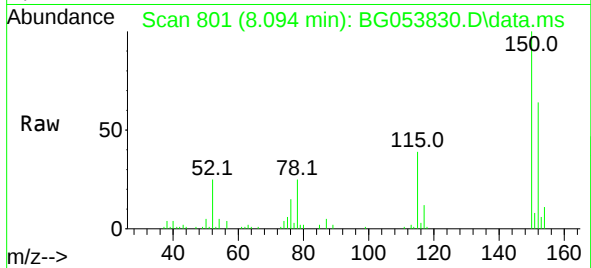




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.094 min Scan# 801
Delta R.T. -0.002 min
Lab File: BG053830.D
Acq: 6 Jun 2022 15:45

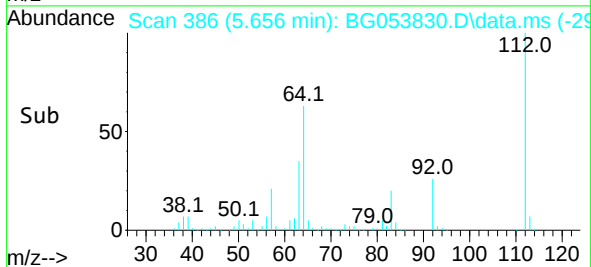
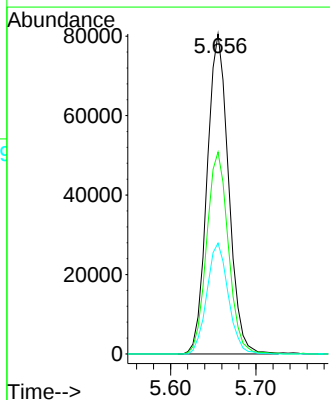
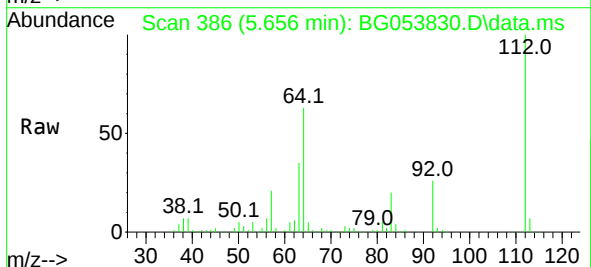
Instrument :
BNA_G
ClientSampleId :
NEWARK-SP

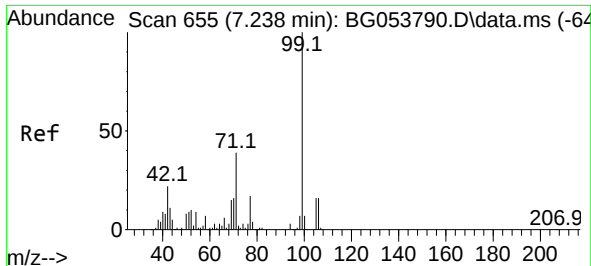
Tgt Ion:152 Resp: 26386
Ion Ratio Lower Upper
152 100
150 155.1 131.6 197.4
115 61.2 50.9 76.3



#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

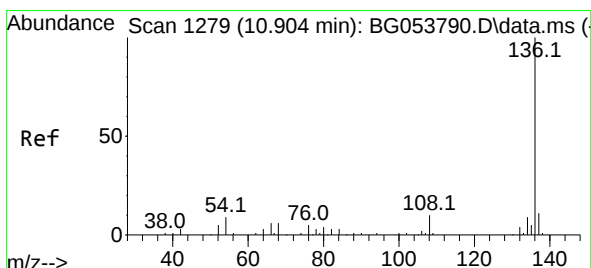
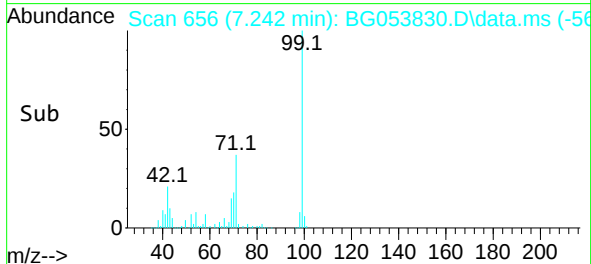
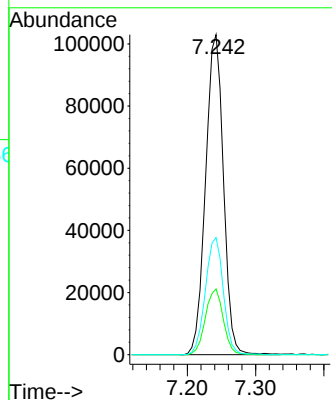
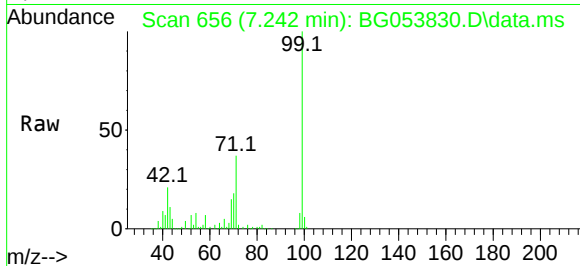




#7
Phenol-d6
Concen: 96.218 ng
RT: 7.242 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG053830.D
Acq: 6 Jun 2022 15:45

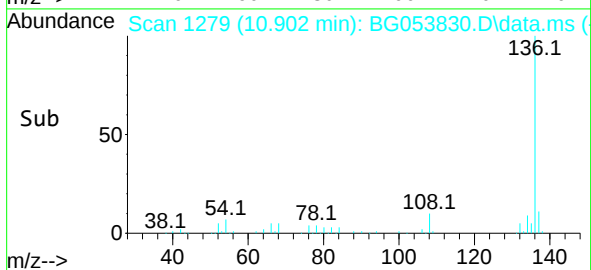
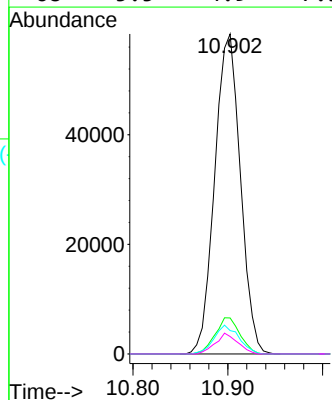
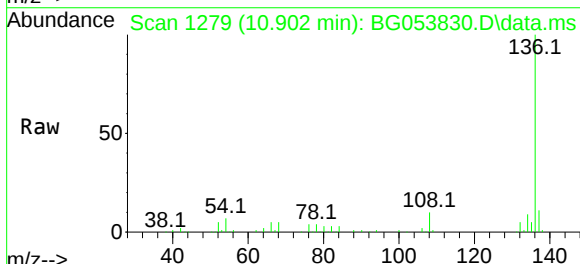
Instrument :
BNA_G
ClientSampleId :
NEWARK-SP

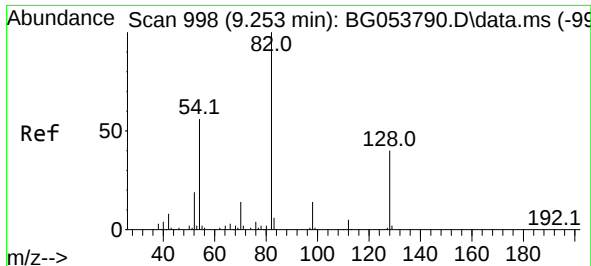
Tgt Ion: 99 Resp: 187278
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 36.6 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.902 min Scan# 1279
Delta R.T. -0.002 min
Lab File: BG053830.D
Acq: 6 Jun 2022 15:45

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# 998

Delta R.T. -0.008 min

Lab File: BG053830.D

Acq: 6 Jun 2022 15:45

Instrument :

BNA_G

ClientSampleId :

NEWARK-SP

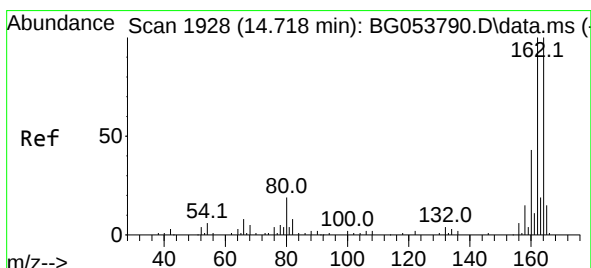
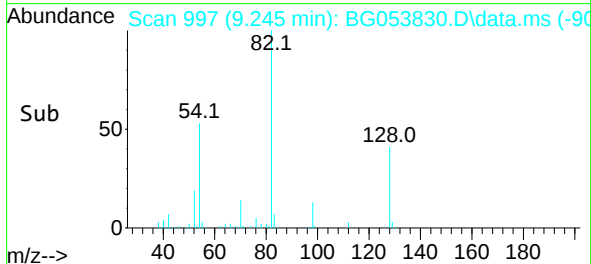
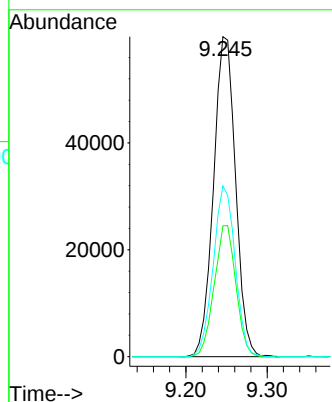
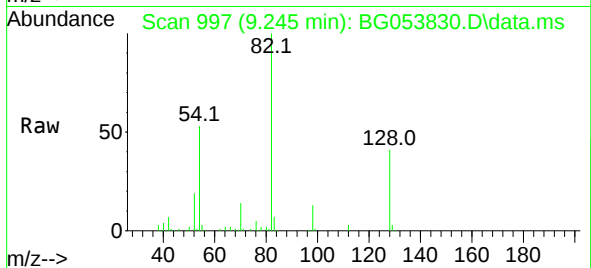
Tgt Ion: 82 Resp: 112978

Ion Ratio Lower Upper

82 100

128 40.9 27.9 41.9

54 53.3 41.2 61.8



#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

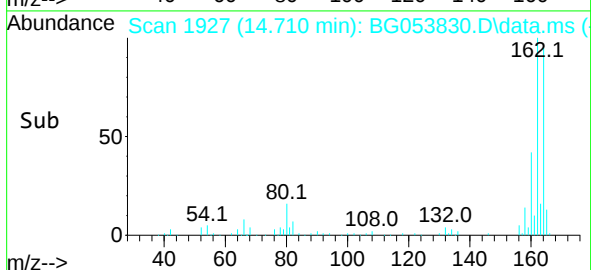
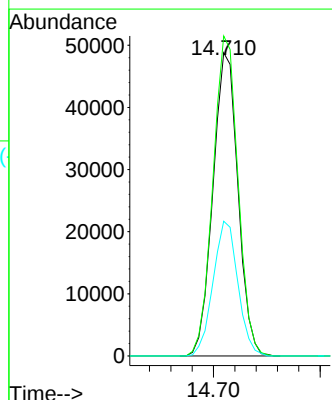
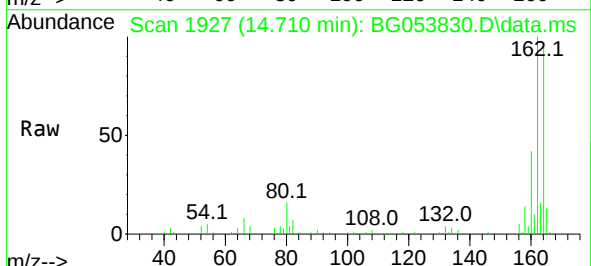
Tgt Ion: 164 Resp: 79416

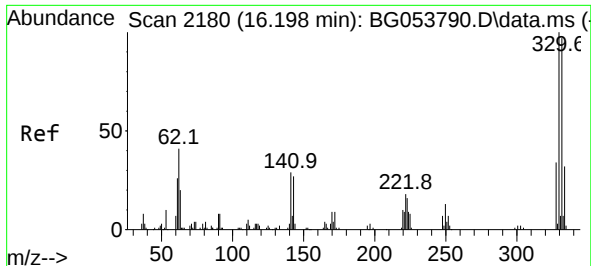
Ion Ratio Lower Upper

164 100

162 105.5 82.3 123.5

160 44.5 34.2 51.2

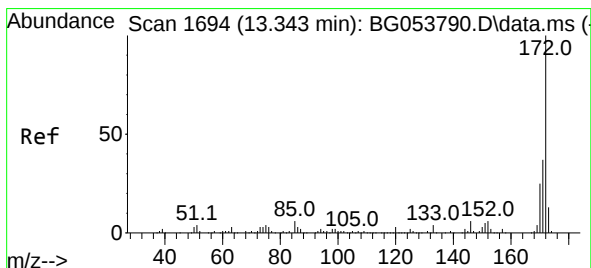
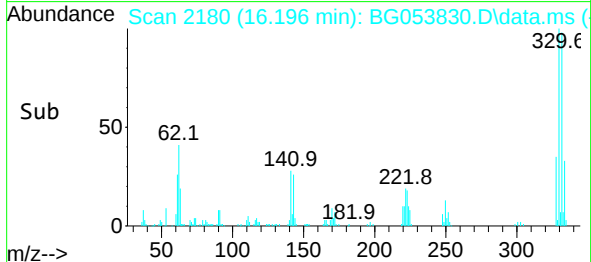
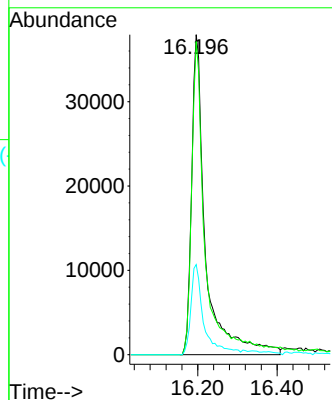
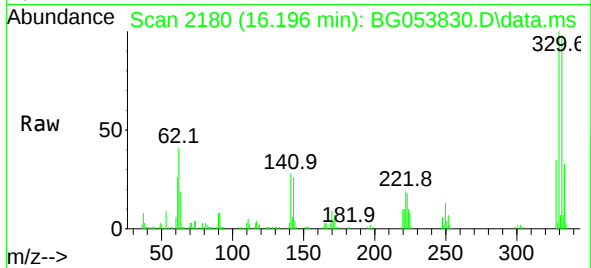




#42
 2,4,6-Tribromophenol
 Concen: 96.581 ng
 RT: 16.196 min Scan# 2180
 Delta R.T. -0.002 min
 Lab File: BG053830.D
 Acq: 6 Jun 2022 15:45

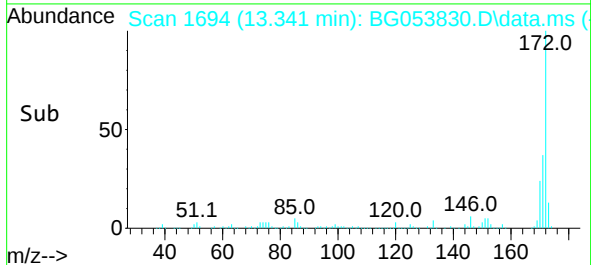
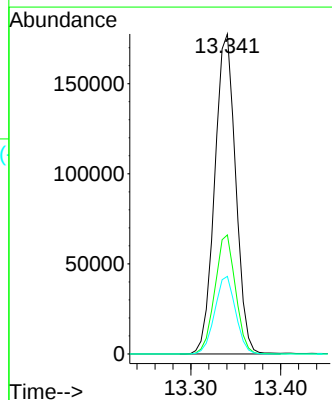
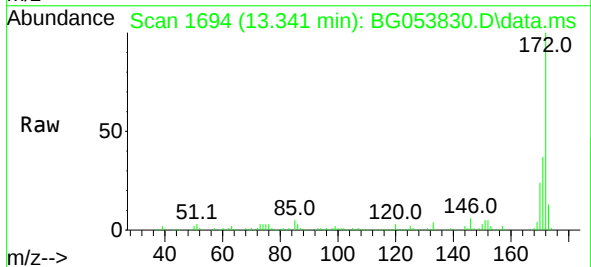
Instrument :
 BNA_G
 ClientSampleId :
 NEWARK-SP

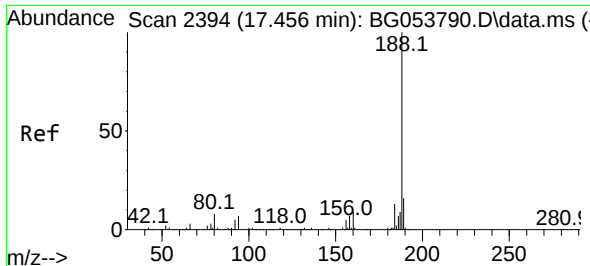
Tgt Ion:330 Resp: 93104
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.0 114.0
 141 26.1 27.1 40.7#



#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

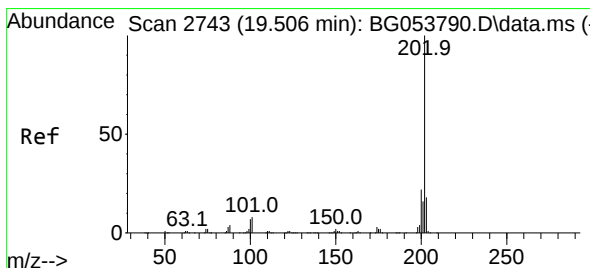
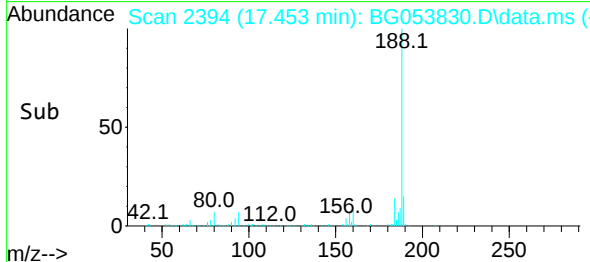
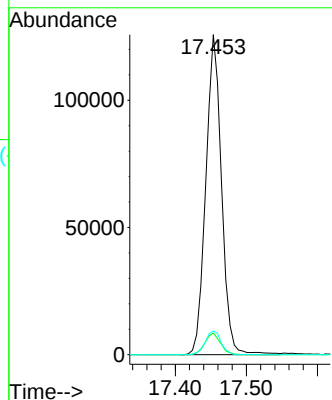
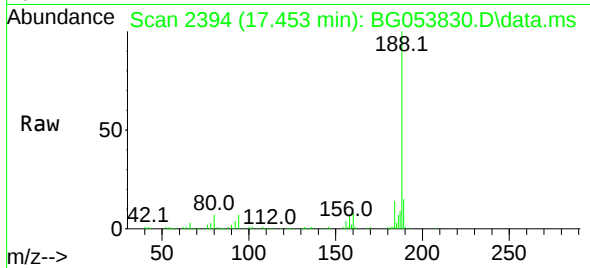




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.453 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053830.D
Acq: 6 Jun 2022 15:45

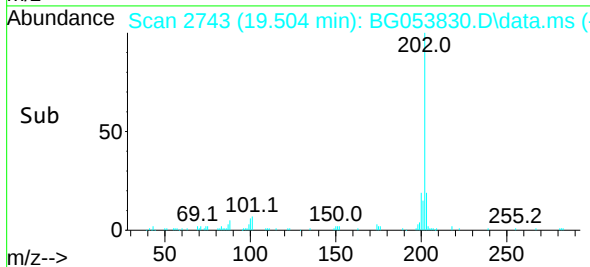
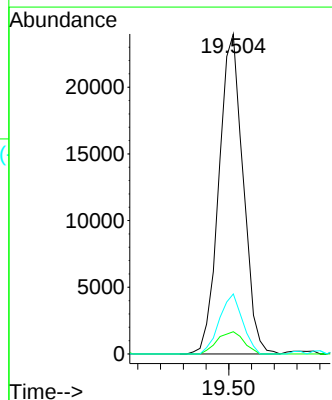
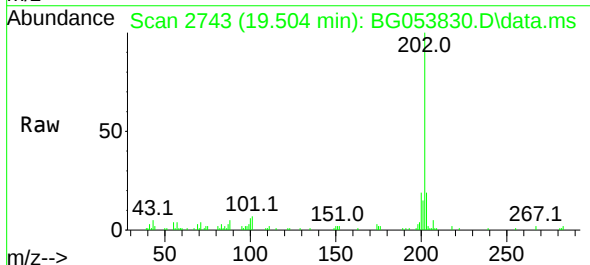
Instrument :
BNA_G
ClientSampleId :
NEWARK-SP

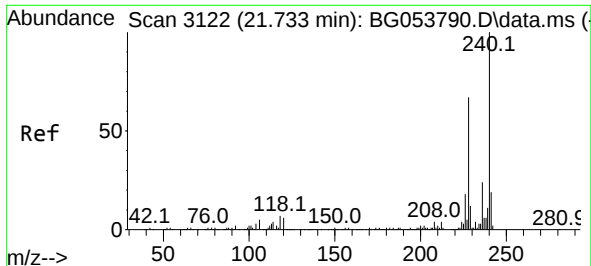
Tgt Ion:188 Resp: 193749
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 7.4 6.8 10.2



#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

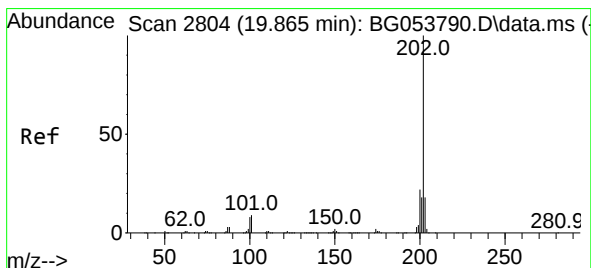
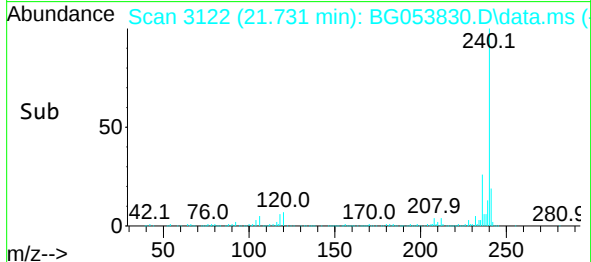
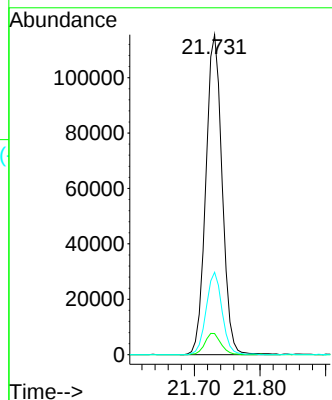
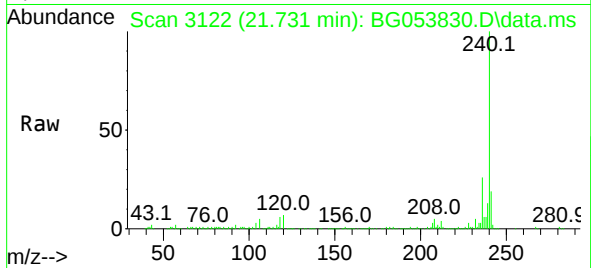




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.731 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053830.D
Acq: 6 Jun 2022 15:45

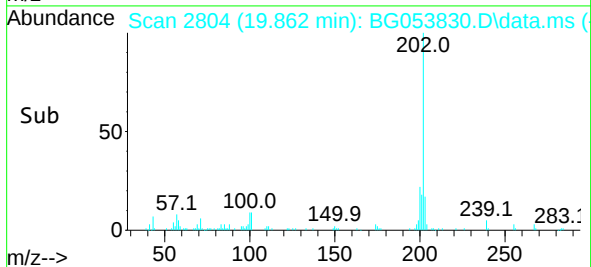
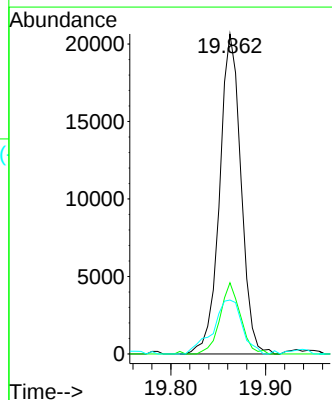
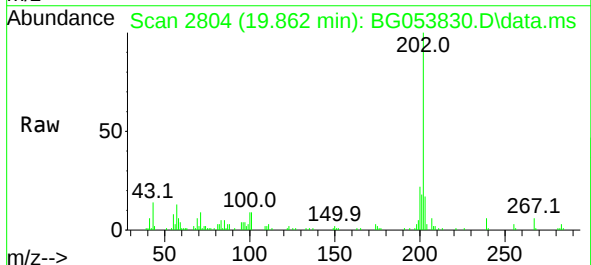
Instrument :
BNA_G
ClientSampleId :
NEWARK-SP

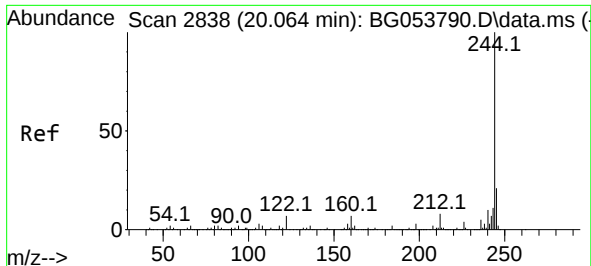
Tgt Ion:240 Resp: 199587
Ion Ratio Lower Upper
240 100
120 6.6 4.6 7.0
236 25.7 20.2 30.4



#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

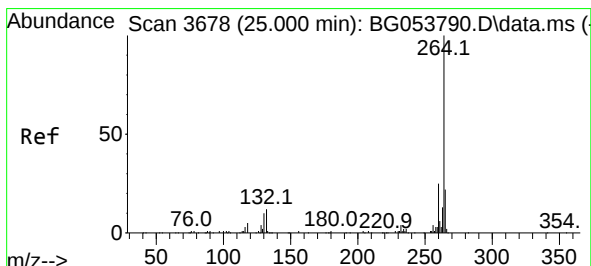
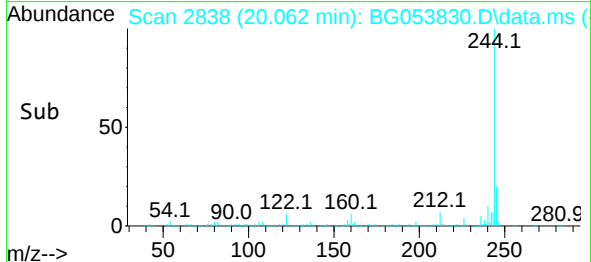
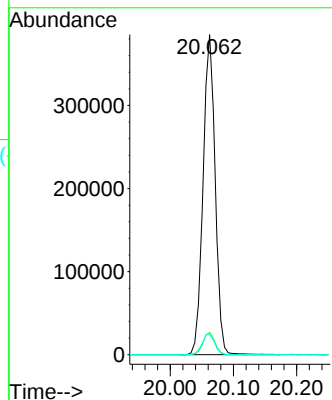
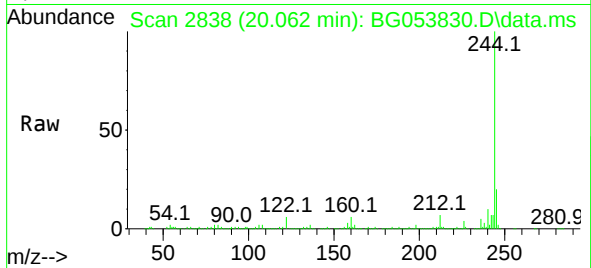




#79
 Terphenyl-d14
 Concen: 51.026 ng
 RT: 20.062 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053830.D
 Acq: 6 Jun 2022 15:45

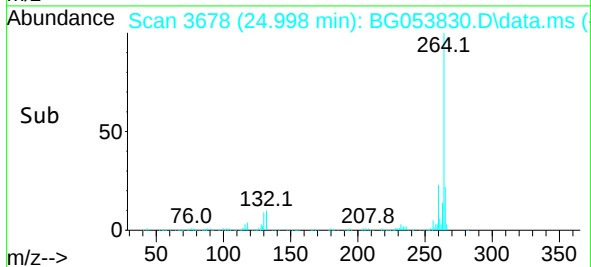
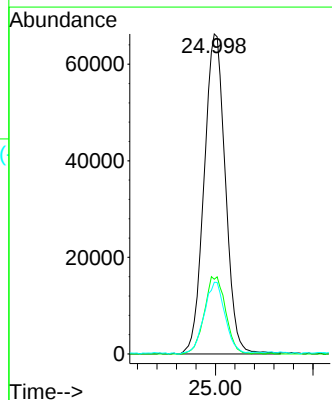
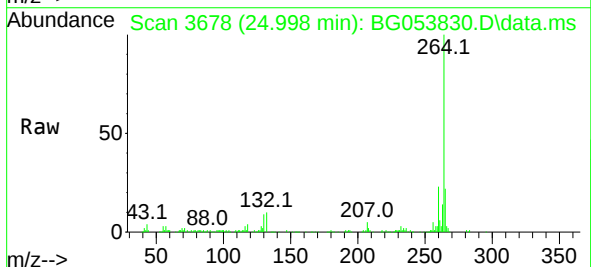
Instrument :
 BNA_G
 ClientSampleId :
 NEWARK-SP

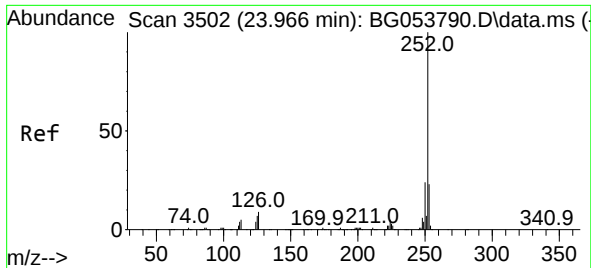
Tgt Ion:244 Resp: 511921
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 6.3 5.0 7.4



#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# 3

Delta R.T. -0.008 min

Lab File: BG053830.D

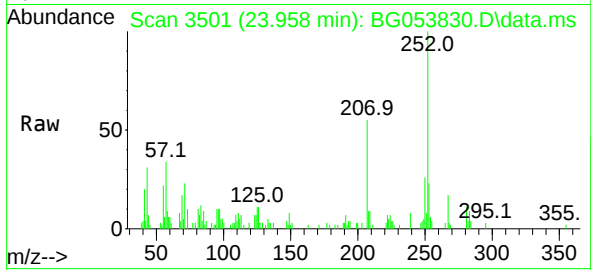
Acq: 6 Jun 2022 15:45

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#

