

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
 Data File : BG058532.D
 Acq On : 29 Jul 2023 00:32
 Operator : MA/JU
 Sample : 03632-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-12-(4-6)

Quant Time: Jul 29 02:58:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

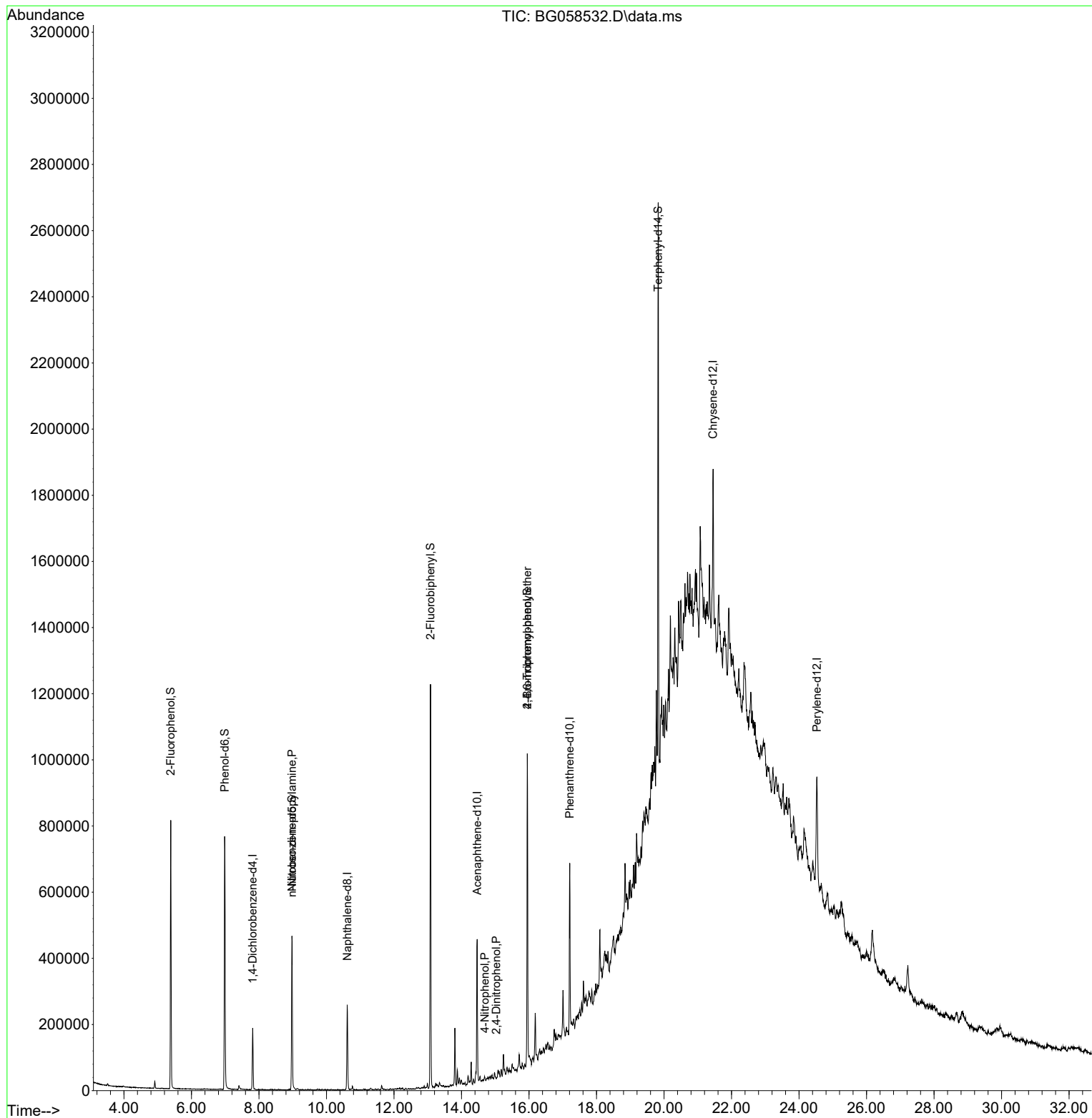
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	52340	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	220930	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	149323	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	316562	20.000	ng	0.00
76) Chrysene-d12	21.449	240	246196	20.000	ng	# 0.00
86) Perylene-d12	24.528	264	322398	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	340132	99.327	ng	0.00
7) Phenol-d6	6.983	99	476315	99.962	ng	0.00
23) Nitrobenzene-d5	8.975	82	294911	65.575	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	212361	86.766	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	683426	68.588	ng	0.00
79) Terphenyl-d14	19.827	244	954655	72.920	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.981	70	37829	12.291	ng	# 78
54) 2,4-Dinitrophenol	15.033	184	375	7.730	ng	# 18
56) 4-Nitrophenol	14.692	139	63	3.358	ng	# 1
67) 4-Bromophenyl-phenylether	15.949	248	12767	3.556	ng	# 1

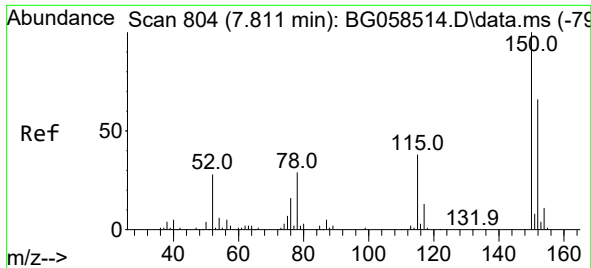
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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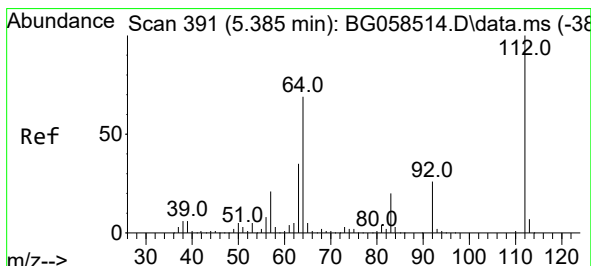
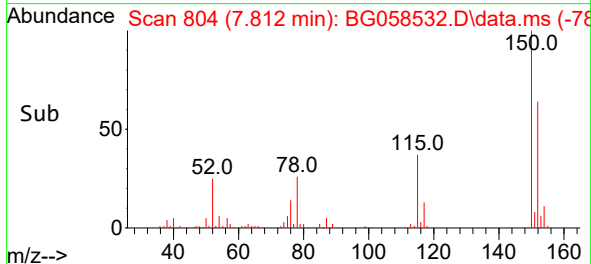
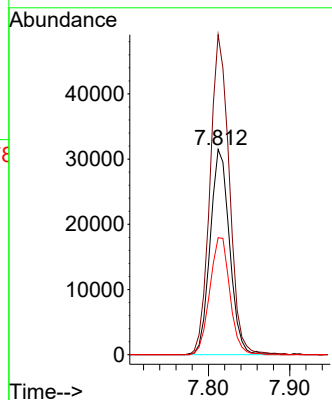
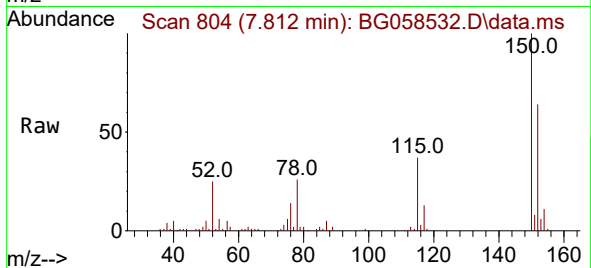




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058532.D
Acq: 29 Jul 2023 00:32

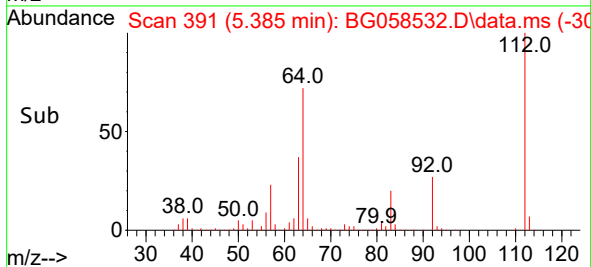
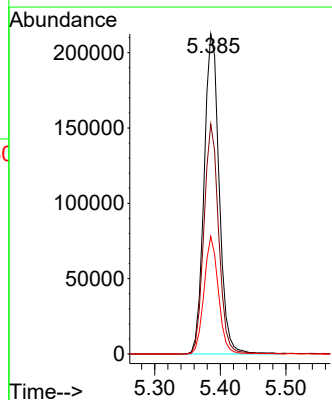
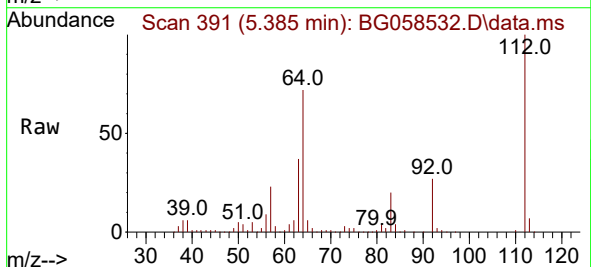
Instrument :
BNA_G
ClientSampleId :
SB-12-(4-6)

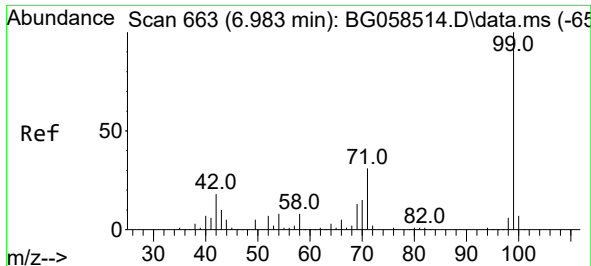
Tgt Ion:152 Resp: 52340
Ion Ratio Lower Upper
152 100
150 155.9 120.5 180.7
115 57.0 45.9 68.9



#5
2-Fluorophenol
Concen: 99.327 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058532.D
Acq: 29 Jul 2023 00:32

Tgt Ion:112 Resp: 340132
Ion Ratio Lower Upper
112 100
64 71.9 55.3 82.9
63 36.7 28.3 42.5

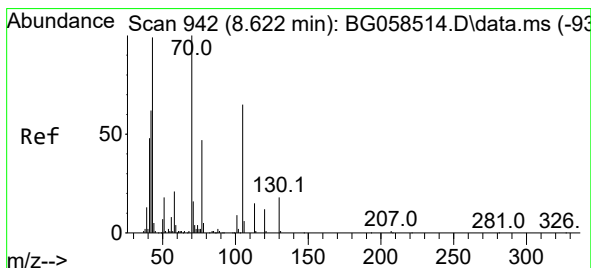
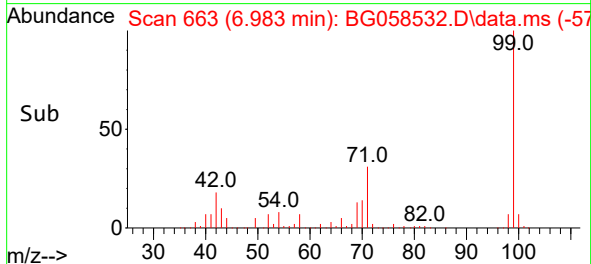
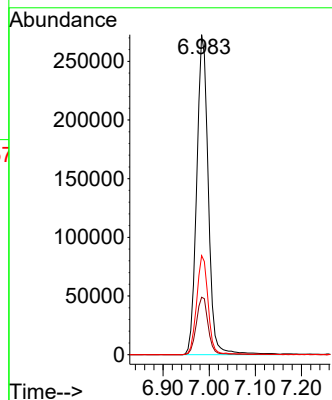
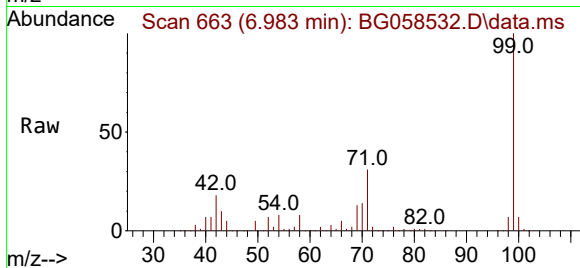




#7
Phenol-d6
Concen: 99.962 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058532.D
Acq: 29 Jul 2023 00:32

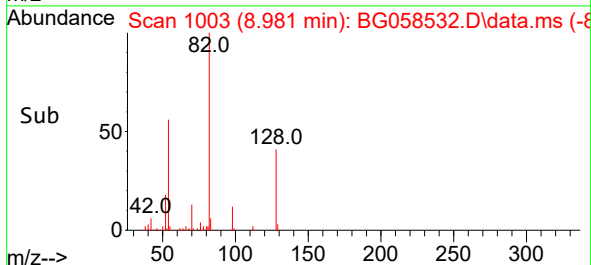
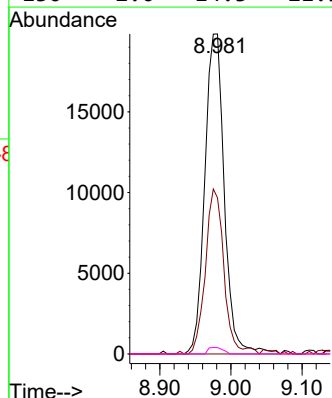
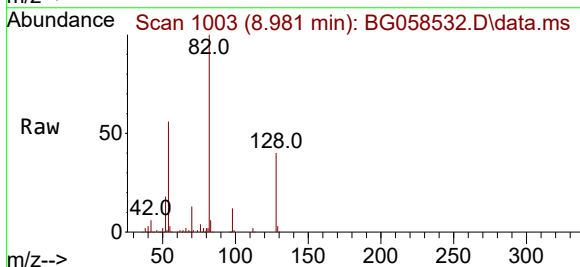
Instrument :
BNA_G
ClientSampleId :
SB-12-(4-6)

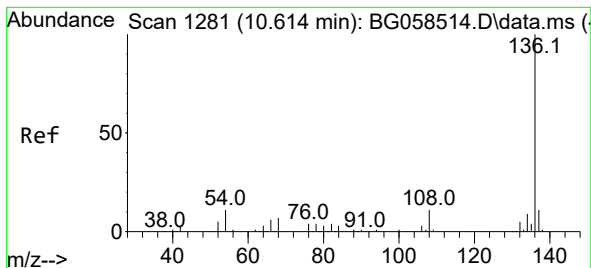
Tgt Ion: 99 Resp: 476315
Ion Ratio Lower Upper
99 100
42 17.9 14.6 21.8
71 31.0 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.291 ng
RT: 8.981 min Scan# 1003
Delta R.T. 0.359 min
Lab File: BG058532.D
Acq: 29 Jul 2023 00:32

Tgt Ion: 70 Resp: 37829
Ion Ratio Lower Upper
70 100
42 48.8 49.7 74.5#
101 0.0 7.0 10.4#
130 2.0 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.614 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG058532.D

Acq: 29 Jul 2023 00:32

Instrument :

BNA_G

ClientSampleId :

SB-12-(4-6)

Tgt Ion:136 Resp: 220930

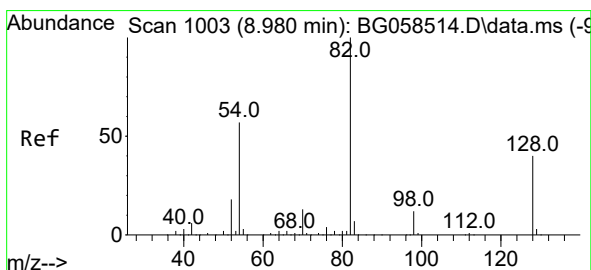
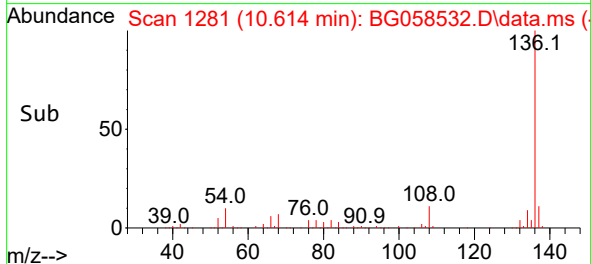
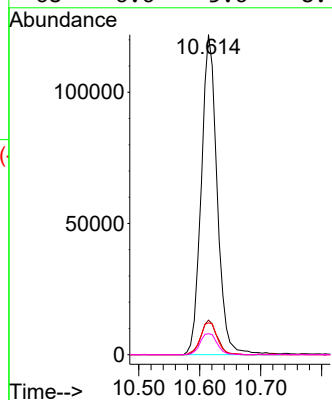
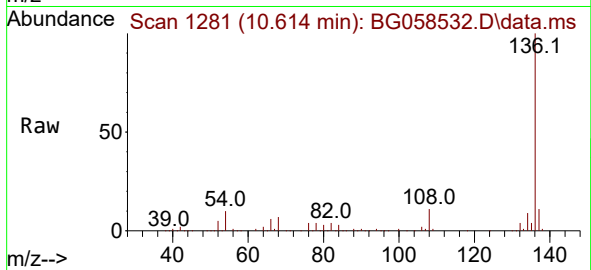
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 10.0 8.9 13.3

68 6.6 5.6 8.4



#23

Nitrobenzene-d5

Concen: 65.575 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.005 min

Lab File: BG058532.D

Acq: 29 Jul 2023 00:32

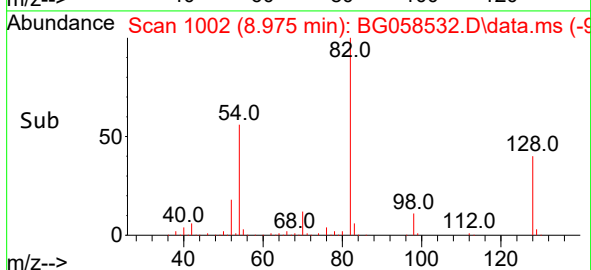
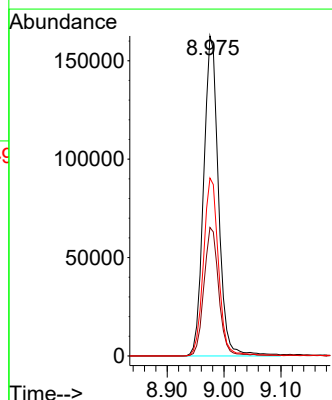
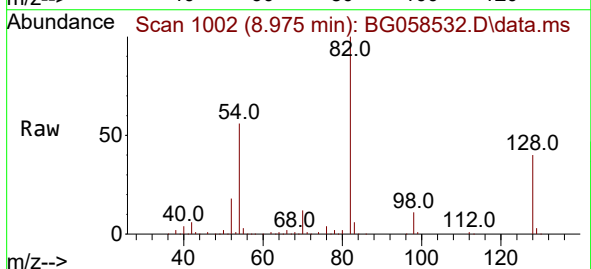
Tgt Ion: 82 Resp: 294911

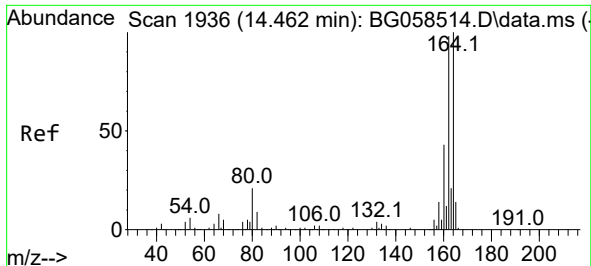
Ion Ratio Lower Upper

82 100

128 40.1 32.2 48.2

54 55.6 46.0 69.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1936

Delta R.T. 0.001 min

Lab File: BG058532.D

Acq: 29 Jul 2023 00:32

Instrument :

BNA_G

ClientSampleId :

SB-12-(4-6)

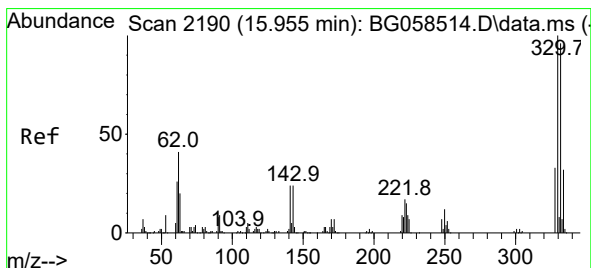
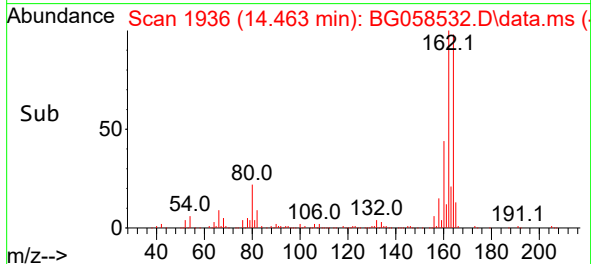
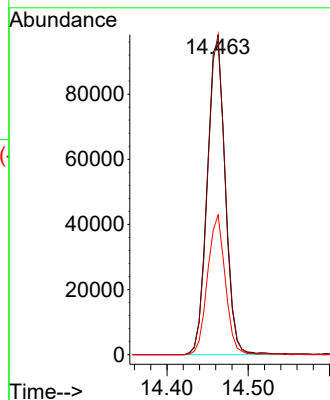
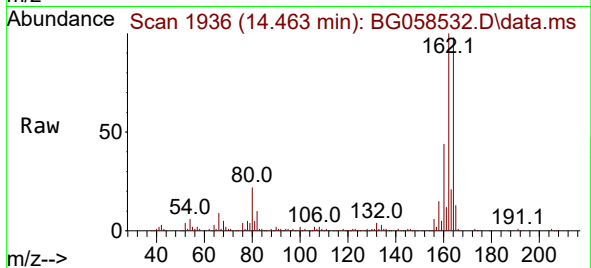
Tgt Ion:164 Resp: 149323

Ion Ratio Lower Upper

164 100

162 102.0 78.3 117.5

160 44.5 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 86.766 ng

RT: 15.949 min Scan# 2189

Delta R.T. -0.005 min

Lab File: BG058532.D

Acq: 29 Jul 2023 00:32

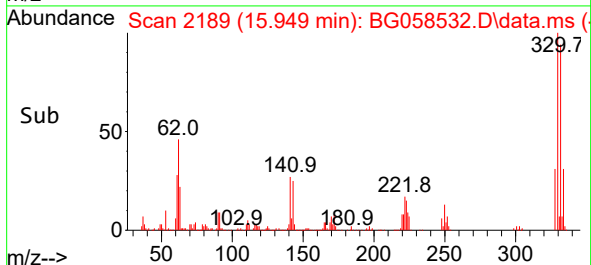
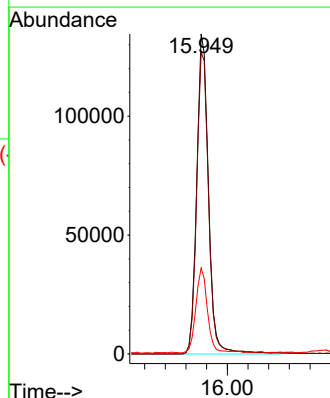
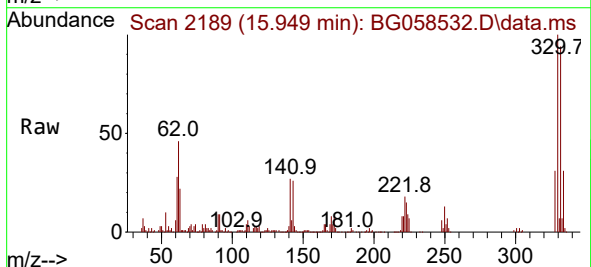
Tgt Ion:330 Resp: 212361

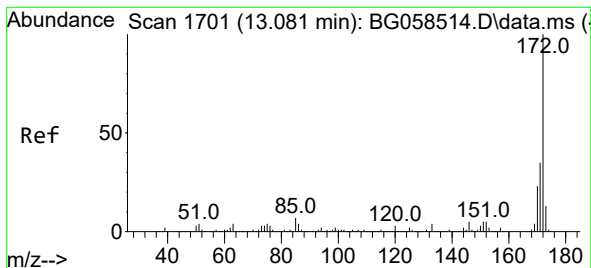
Ion Ratio Lower Upper

330 100

332 95.9 77.5 116.3

141 25.8 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 68.588 ng

RT: 13.082 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG058532.D

Acq: 29 Jul 2023 00:32

Instrument :

BNA_G

ClientSampleId :

SB-12-(4-6)

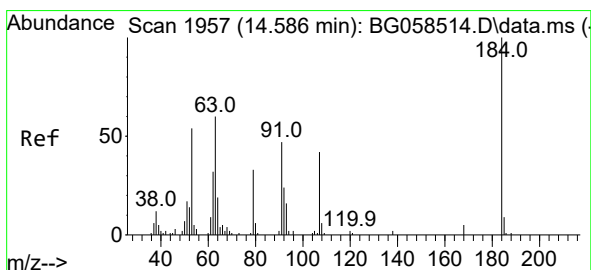
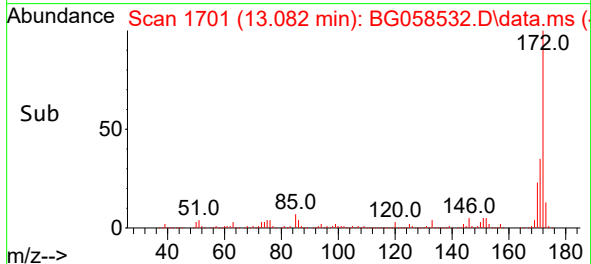
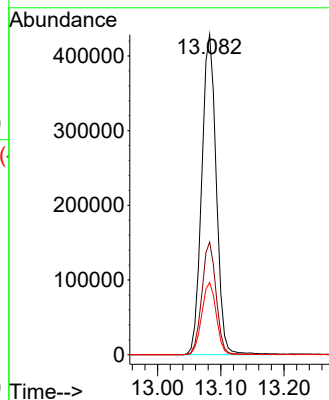
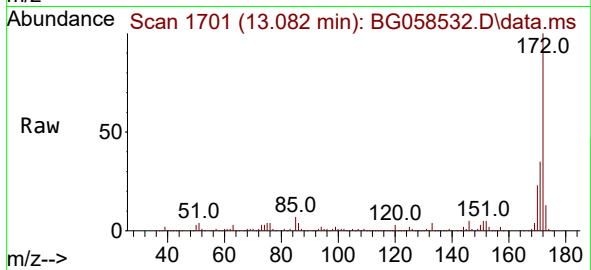
Tgt Ion:172 Resp: 683426

Ion Ratio Lower Upper

172 100

171 35.2 28.0 42.0

170 22.6 18.4 27.6



#54

2,4-Dinitrophenol

Concen: 7.730 ng

RT: 15.033 min Scan# 2033

Delta R.T. 0.447 min

Lab File: BG058532.D

Acq: 29 Jul 2023 00:32

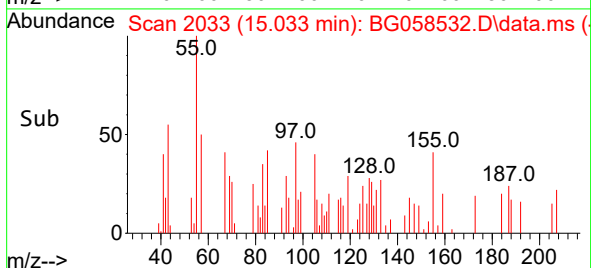
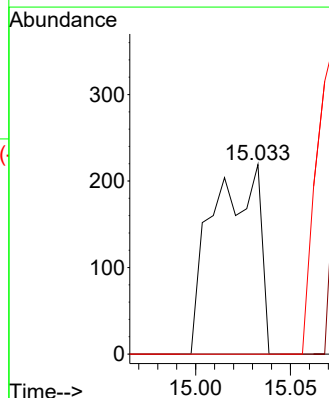
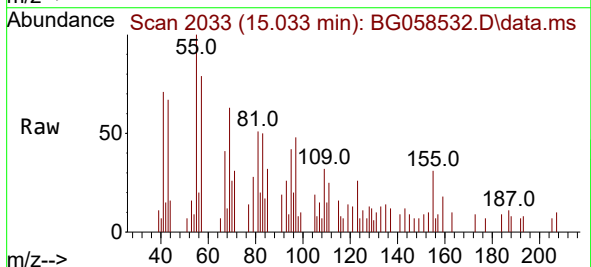
Tgt Ion:184 Resp: 375

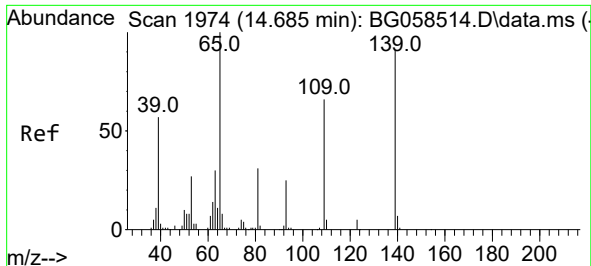
Ion Ratio Lower Upper

184 100

63 0.0 56.7 85.1#

154 0.0 46.1 69.1#

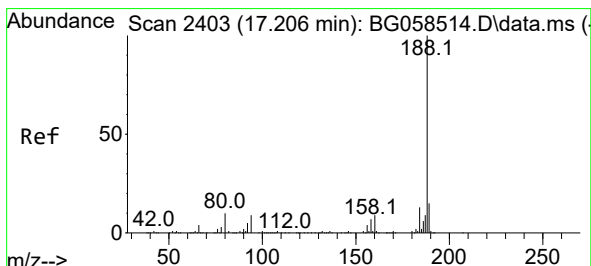
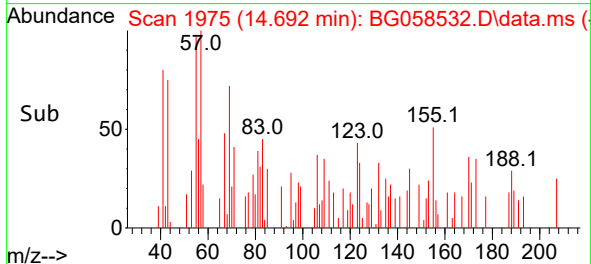
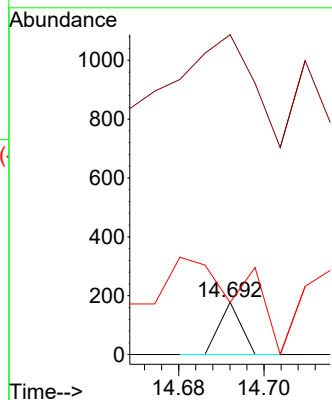
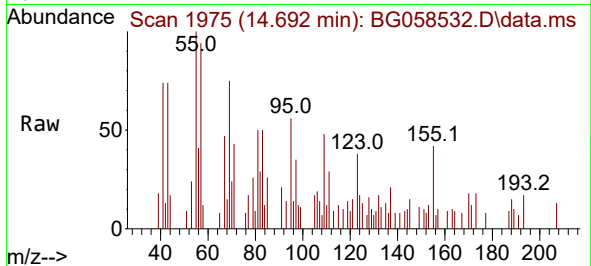




#56
4-Nitrophenol
Concen: 3.358 ng
RT: 14.692 min Scan# 1974
Delta R.T. 0.007 min
Lab File: BG058532.D
Acq: 29 Jul 2023 00:32

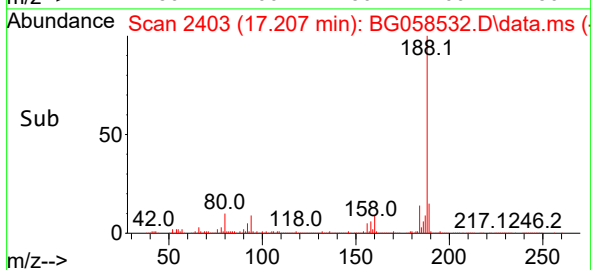
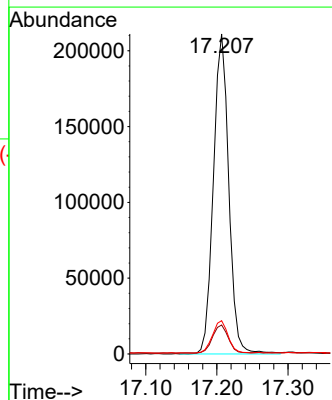
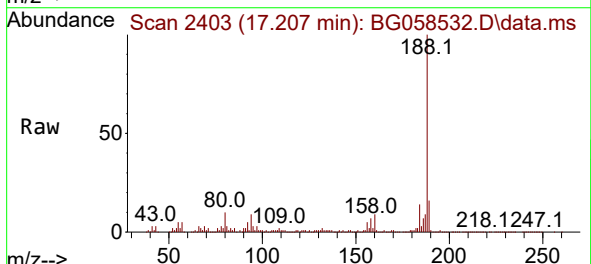
Instrument :
BNA_G
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SB-12-(4-6)

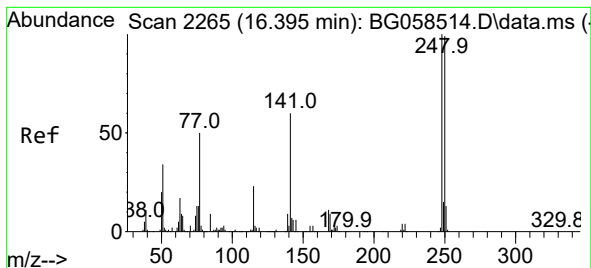
Tgt Ion:139 Resp: 63
Ion Ratio Lower Upper
139 100
109 610.7 52.5 92.5#
65 99.4 90.5 130.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058532.D
Acq: 29 Jul 2023 00:32

Tgt Ion:188 Resp: 316562
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 10.4 8.1 12.1

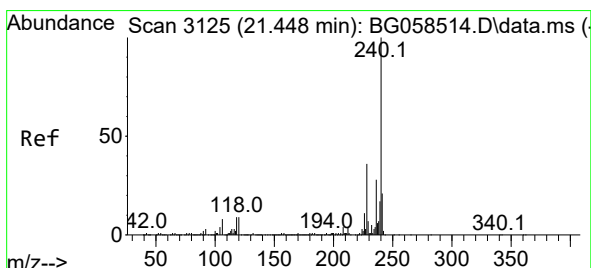
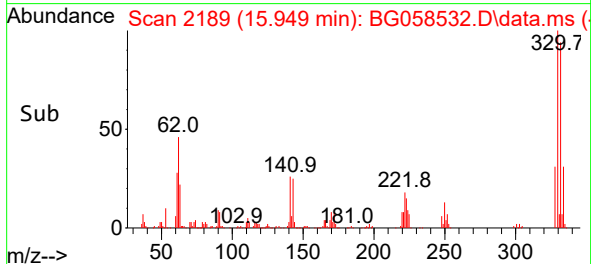
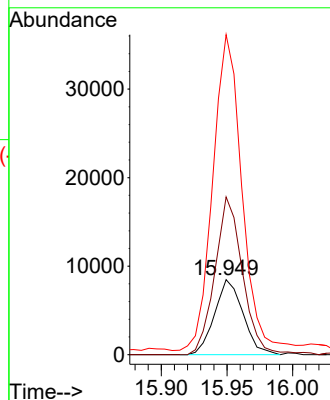
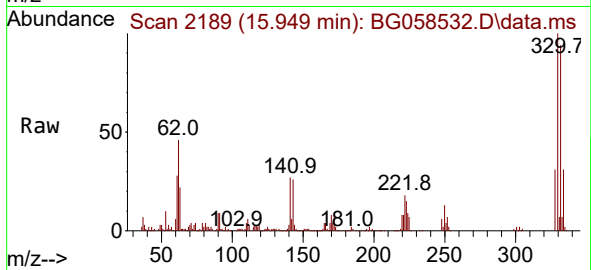




#67
4-Bromophenyl-phenylether
Concen: 3.556 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.446 min
Lab File: BG058532.D
Acq: 29 Jul 2023 00:32

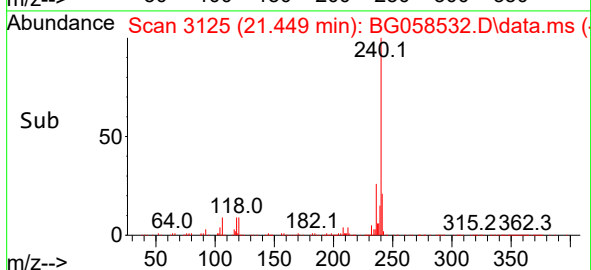
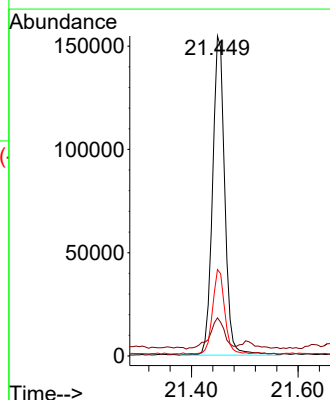
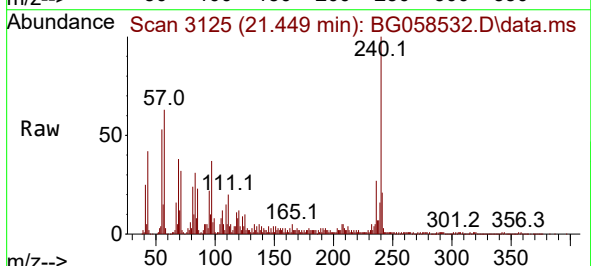
Instrument :
BNA_G
ClientSampleId :
SB-12-(4-6)

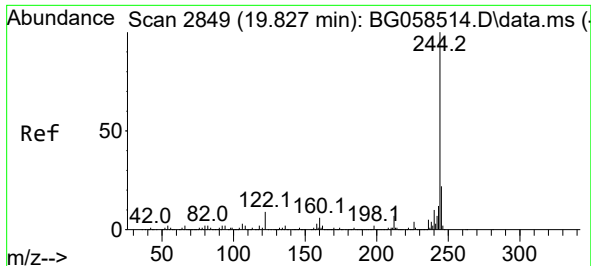
Tgt Ion:248 Resp: 12767
Ion Ratio Lower Upper
248 100
250 210.0 79.5 119.3#
141 426.1 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058532.D
Acq: 29 Jul 2023 00:32

Tgt Ion:240 Resp: 246196
Ion Ratio Lower Upper
240 100
120 11.9 7.4 11.0#
236 27.0 22.2 33.4

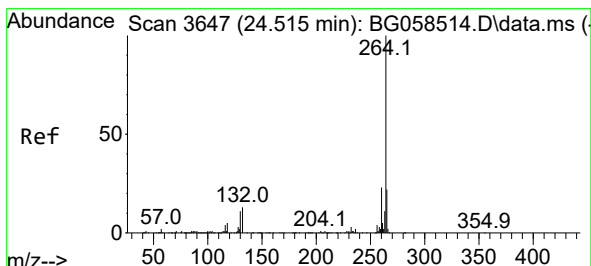
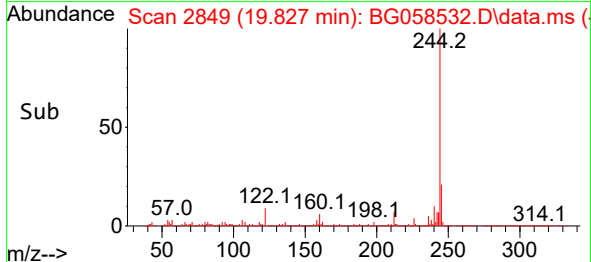
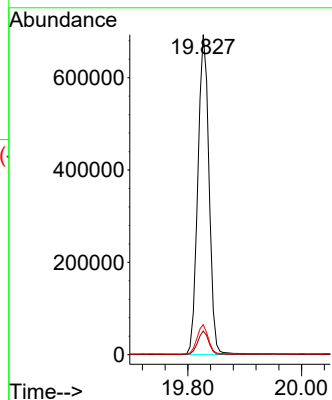
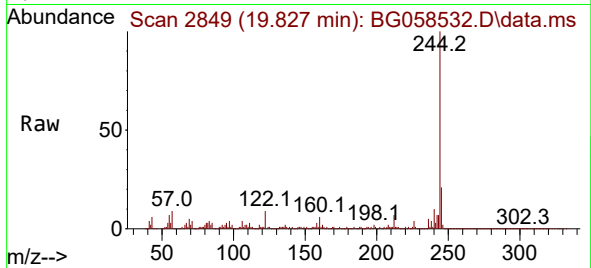




#79
 Terphenyl-d14
 Concen: 72.920 ng
 RT: 19.827 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG058532.D
 Acq: 29 Jul 2023 00:32

Instrument :
 BNA_G
 ClientSampleId :
 SB-12-(4-6)

Tgt Ion:244 Resp: 954655
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 9.4 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.528 min Scan# 3649
 Delta R.T. 0.012 min
 Lab File: BG058532.D
 Acq: 29 Jul 2023 00:32

Tgt Ion:264 Resp: 322398
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 22.3 17.9 26.9

