

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
 Data File : BG058853.D
 Acq On : 25 Aug 2023 17:20
 Operator : MA/JU
 Sample : 04147-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-05(46-47)

Quant Time: Aug 26 09:17:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 09:13:37 2023
 Response via : Initial Calibration

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

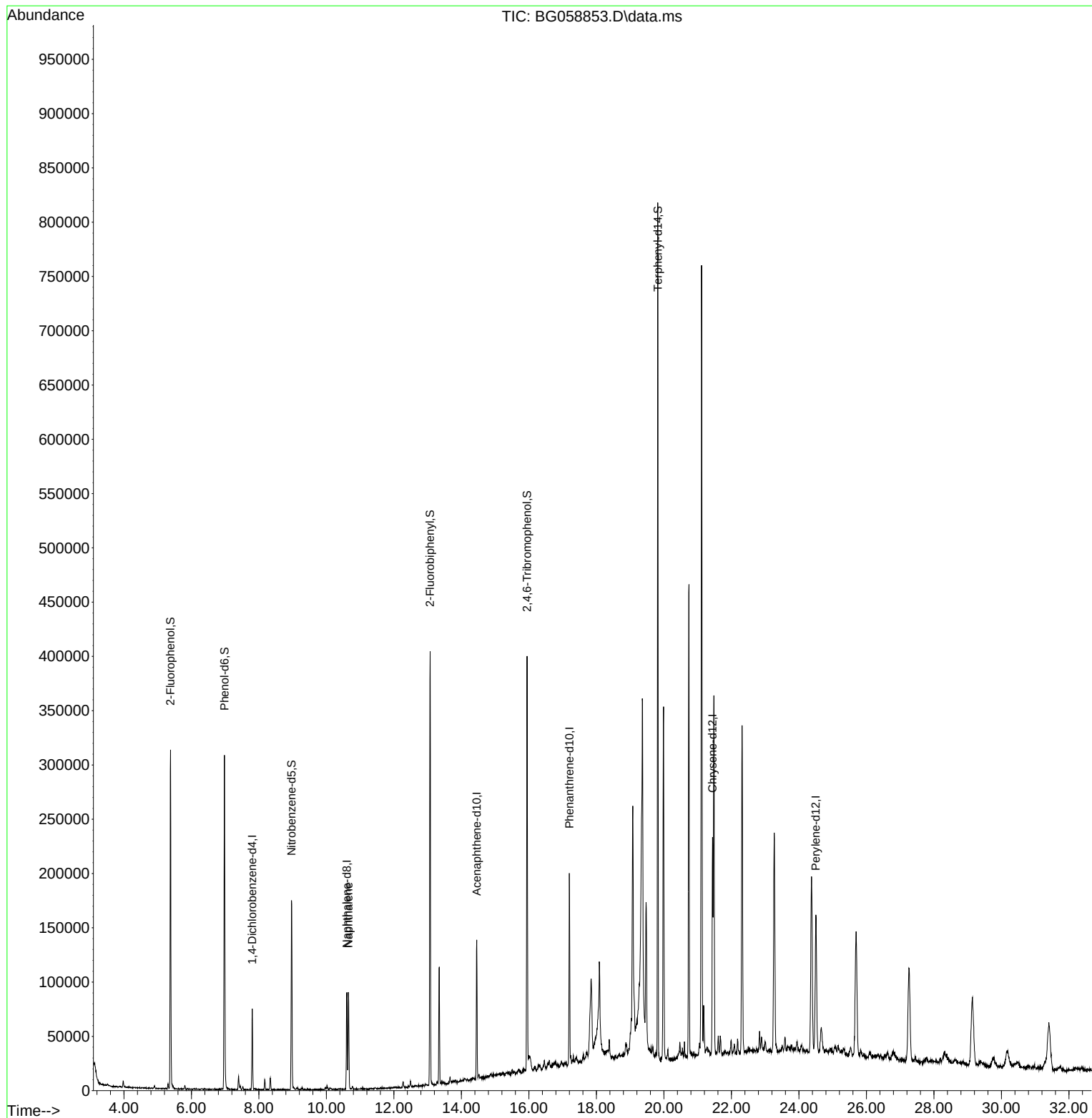
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	19863	20.000	ng	-0.02
21) Naphthalene-d8	10.605	136	74368	20.000	ng	#-0.02
39) Acenaphthene-d10	14.453	164	45622	20.000	ng	-0.02
64) Phenanthrene-d10	17.197	188	112736	20.000	ng	-0.02
76) Chrysene-d12	21.439	240	113865	20.000	ng	-0.02
86) Perylene-d12	24.500	264	137736	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	127890	103.614	ng	-0.02
7) Phenol-d6	6.980	99	165798	95.741	ng	-0.02
23) Nitrobenzene-d5	8.966	82	102197	66.069	ng	-0.03
42) 2,4,6-Tribromophenol	15.946	330	81669	114.167	ng	-0.02
45) 2-Fluorobiphenyl	13.073	172	215410	68.674	ng	-0.02
79) Terphenyl-d14	19.818	244	385817	60.841	ng	-0.02
Target Compounds						
31) Naphthalene	10.652	128	71749	18.375	ng	Qvalue 98

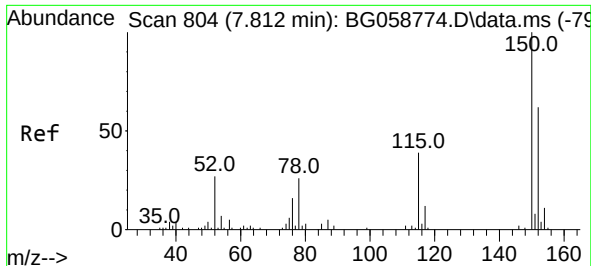
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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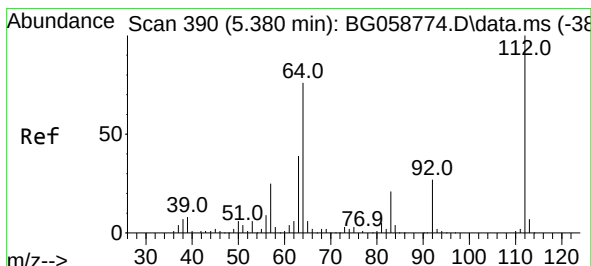
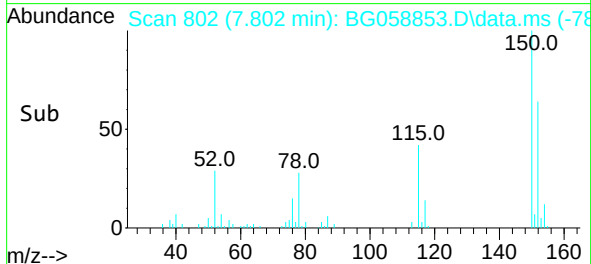
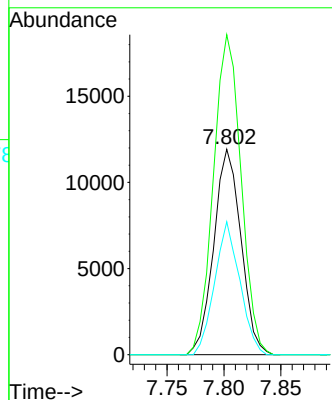
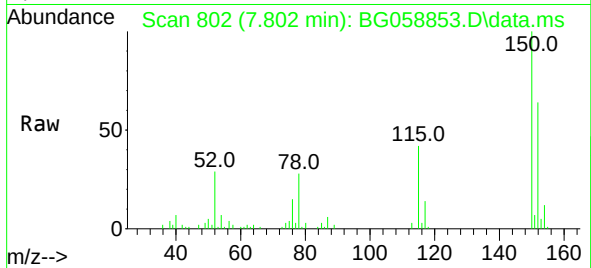




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 804
Delta R.T. -0.025 min
Lab File: BG058853.D
Acq: 25 Aug 2023 17:20

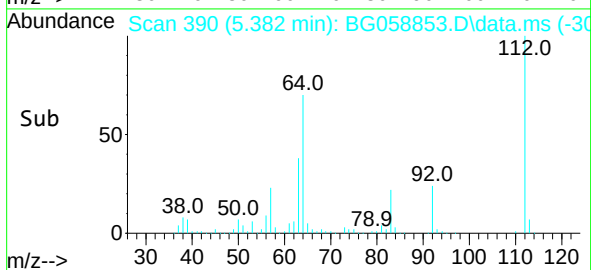
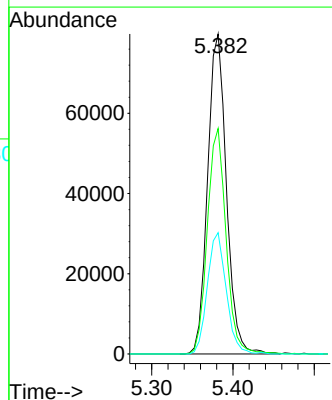
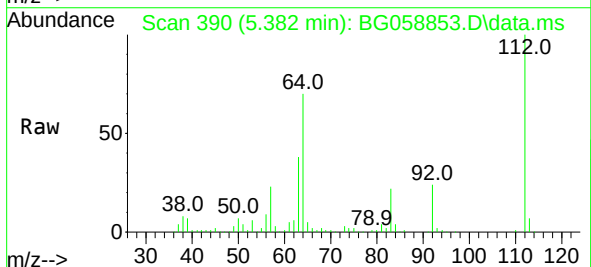
Instrument :
BNA_G
ClientSampleId :
SB-05(46-47)

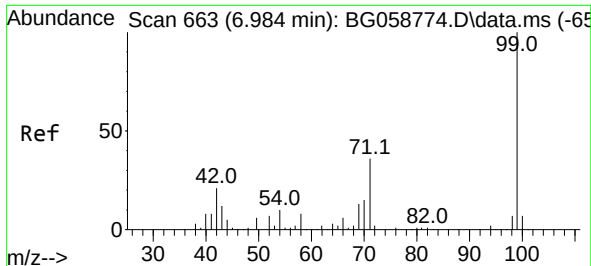
Tgt Ion:152 Resp: 19863
Ion Ratio Lower Upper
152 100
150 155.7 128.6 192.8
115 64.7 50.4 75.6



#5
2-Fluorophenol
Concen: 103.614 ng
RT: 5.382 min Scan# 390
Delta R.T. -0.018 min
Lab File: BG058853.D
Acq: 25 Aug 2023 17:20

Tgt Ion:112 Resp: 127890
Ion Ratio Lower Upper
112 100
64 70.5 60.6 90.8
63 37.9 31.0 46.4

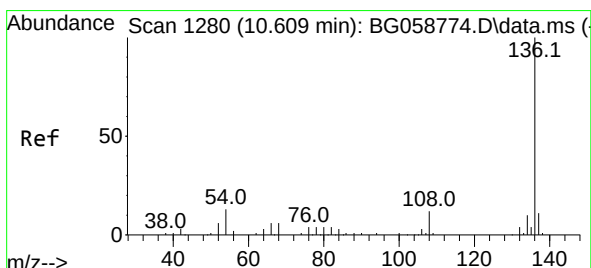
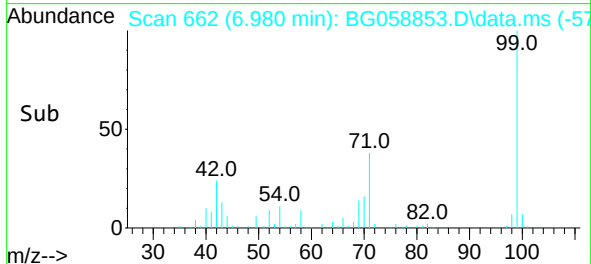
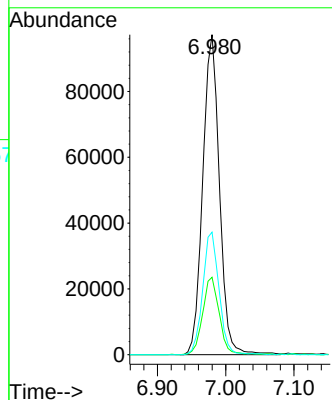
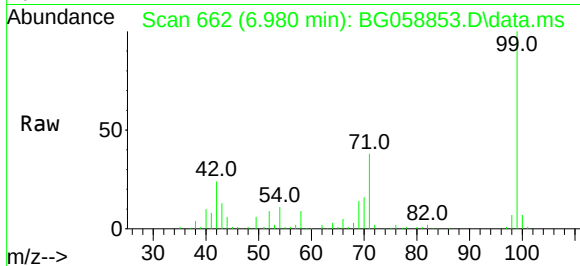




#7
Phenol-d6
Concen: 95.741 ng
RT: 6.980 min Scan# 61
Delta R.T. -0.024 min
Lab File: BG058853.D
Acq: 25 Aug 2023 17:20

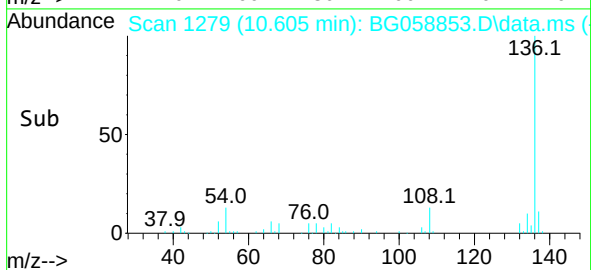
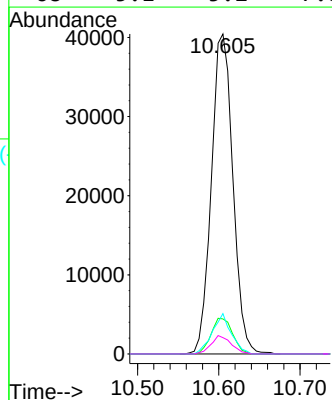
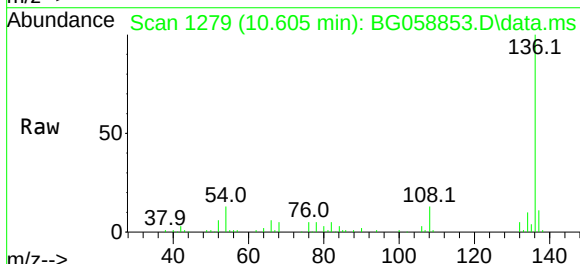
Instrument :
BNA_G
ClientSampleId :
SB-05(46-47)

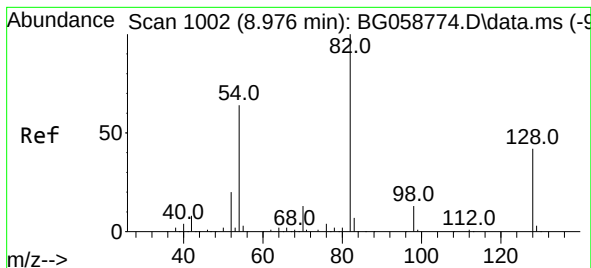
Tgt Ion: 99 Resp: 165798
Ion Ratio Lower Upper
99 100
42 24.2 16.5 24.7
71 38.3 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.605 min Scan# 1279
Delta R.T. -0.024 min
Lab File: BG058853.D
Acq: 25 Aug 2023 17:20

Tgt Ion: 136 Resp: 74368
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 12.6 10.1 15.1
68 5.1 5.2 7.8#





#23

Nitrobenzene-d5

Concen: 66.069 ng

RT: 8.966 min Scan# 1000

Delta R.T. -0.030 min

Lab File: BG058853.D

Acq: 25 Aug 2023 17:20

Instrument :

BNA_G

ClientSampleId :

SB-05(46-47)

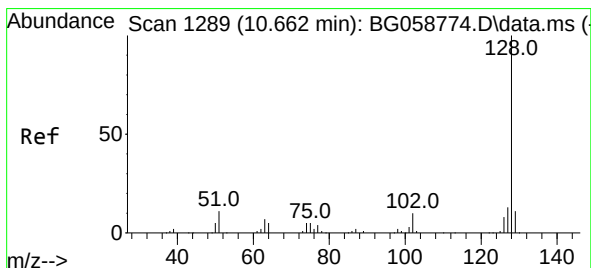
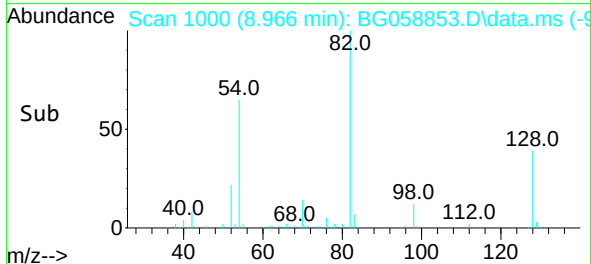
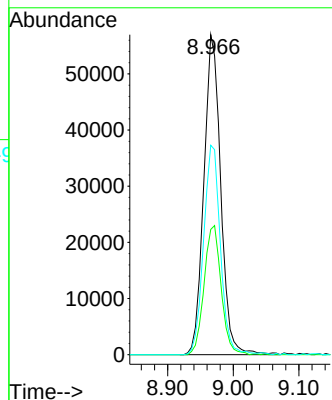
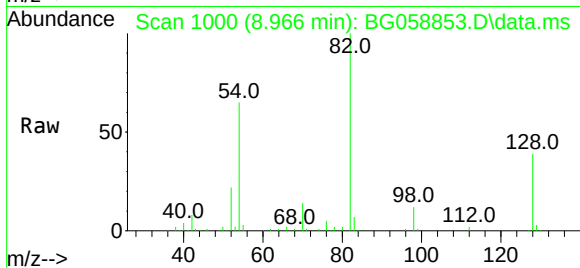
Tgt Ion: 82 Resp: 102197

Ion Ratio Lower Upper

82 100

128 39.1 33.2 49.8

54 65.5 51.2 76.8



#31

Naphthalene

Concen: 18.375 ng

RT: 10.652 min Scan# 1287

Delta R.T. -0.030 min

Lab File: BG058853.D

Acq: 25 Aug 2023 17:20

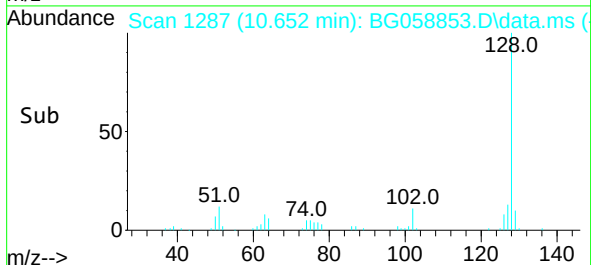
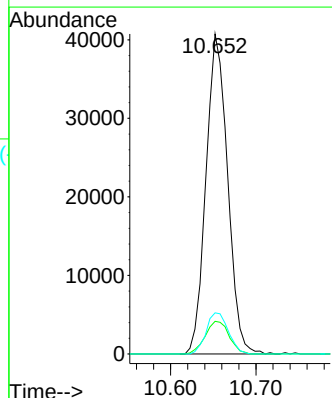
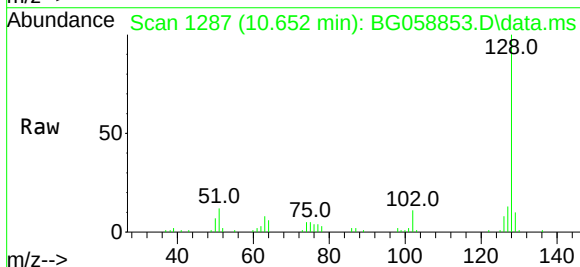
Tgt Ion:128 Resp: 71749

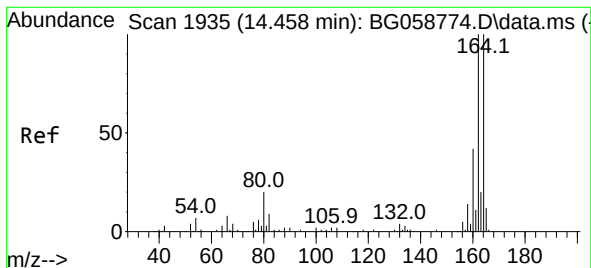
Ion Ratio Lower Upper

128 100

129 10.2 8.9 13.3

127 12.8 10.6 15.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.453 min Scan# 1934

Delta R.T. -0.018 min

Lab File: BG058853.D

Acq: 25 Aug 2023 17:20

Instrument :

BNA_G

ClientSampleId :

SB-05(46-47)

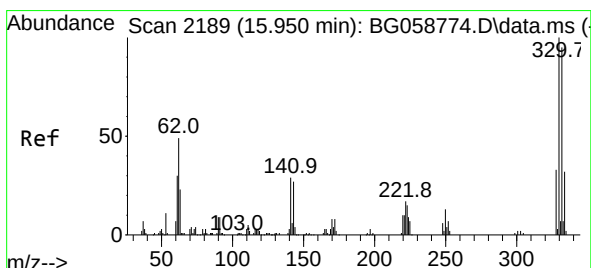
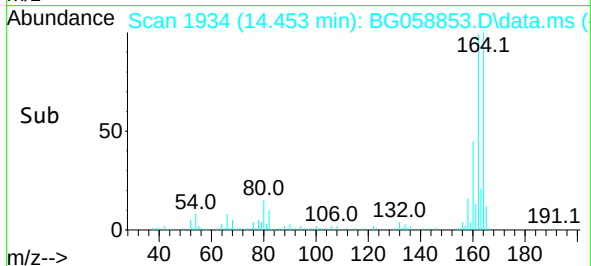
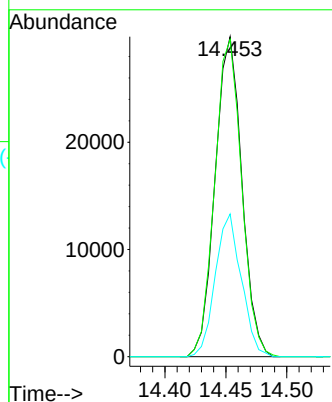
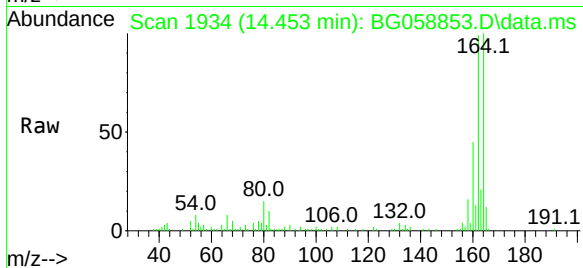
Tgt Ion:164 Resp: 45622

Ion Ratio Lower Upper

164 100

162 99.2 79.6 119.4

160 44.6 34.0 51.0



#42

2,4,6-Tribromophenol

Concen: 114.167 ng

RT: 15.946 min Scan# 2188

Delta R.T. -0.024 min

Lab File: BG058853.D

Acq: 25 Aug 2023 17:20

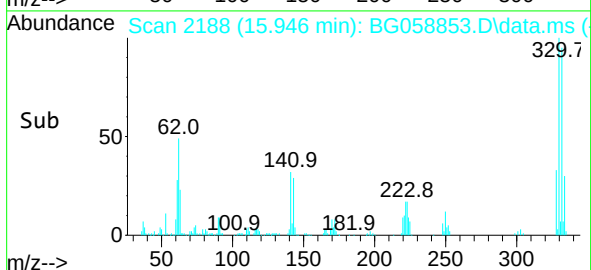
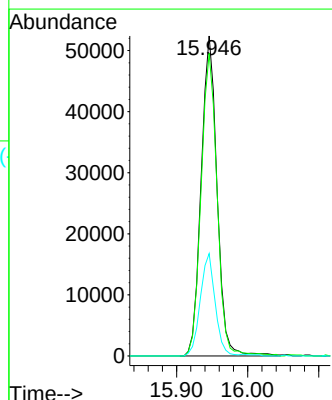
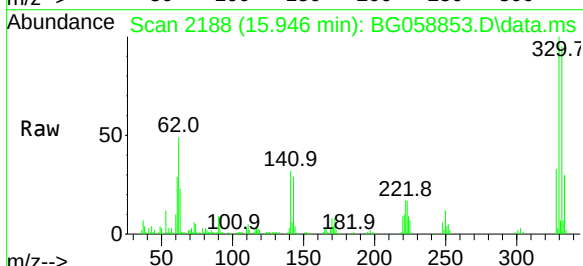
Tgt Ion:330 Resp: 81669

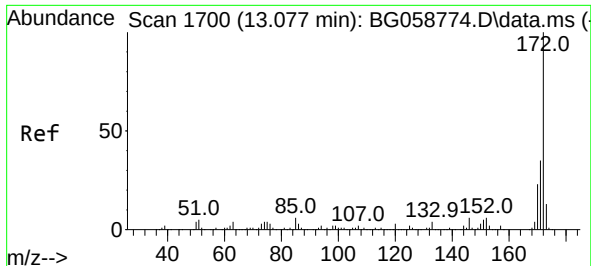
Ion Ratio Lower Upper

330 100

332 95.1 78.5 117.7

141 29.9 23.0 34.6

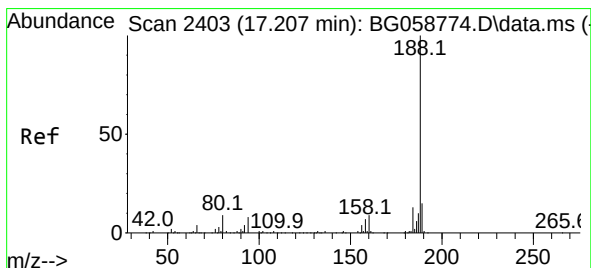
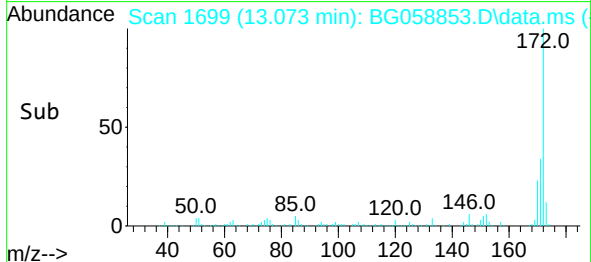
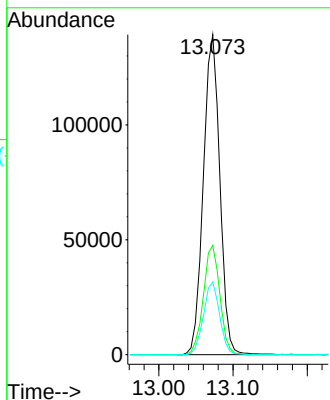
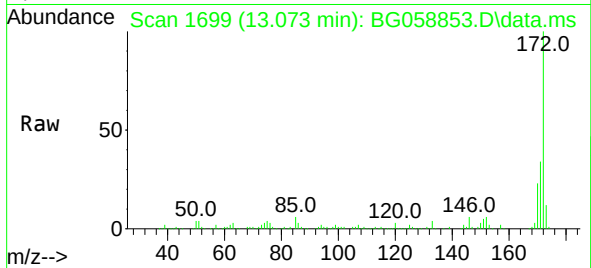




#45
2-Fluorobiphenyl
Concen: 68.674 ng
RT: 13.073 min Scan# 1
Delta R.T. -0.024 min
Lab File: BG058853.D
Acq: 25 Aug 2023 17:20

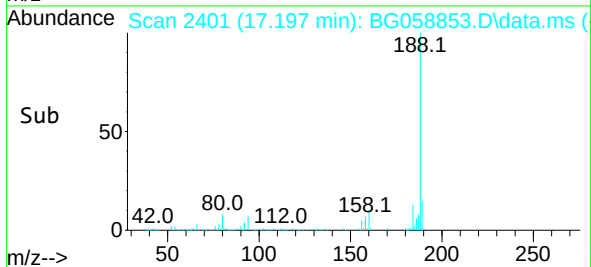
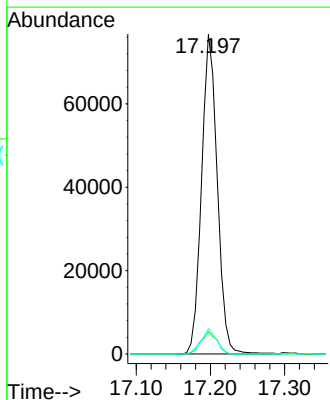
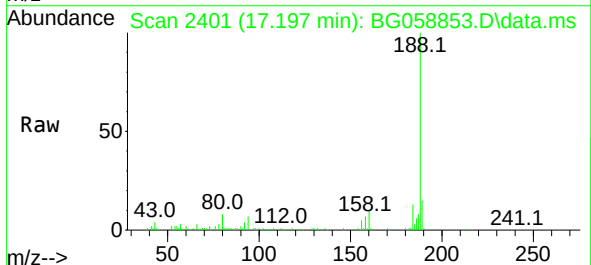
Instrument :
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SB-05(46-47)

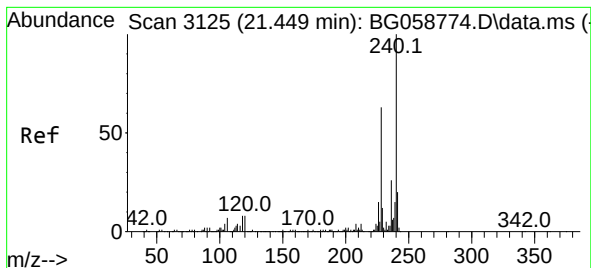
Tgt Ion:172 Resp: 215410
Ion Ratio Lower Upper
172 100
171 34.1 28.1 42.1
170 22.7 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.197 min Scan# 2401
Delta R.T. -0.024 min
Lab File: BG058853.D
Acq: 25 Aug 2023 17:20

Tgt Ion:188 Resp: 112736
Ion Ratio Lower Upper
188 100
94 7.0 6.1 9.1
80 7.8 6.9 10.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 31

Delta R.T. -0.024 min

Lab File: BG058853.D

Acq: 25 Aug 2023 17:20

Instrument :

BNA_G

ClientSampleId :

SB-05(46-47)

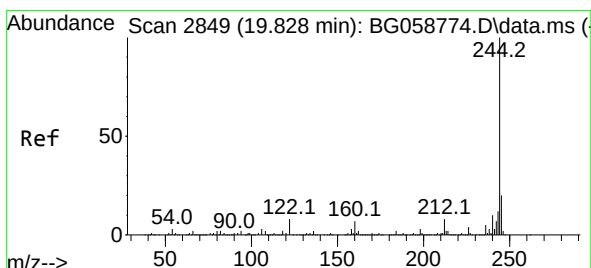
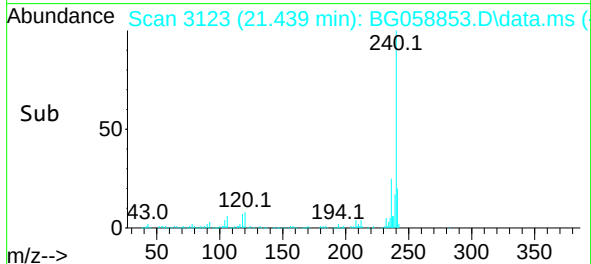
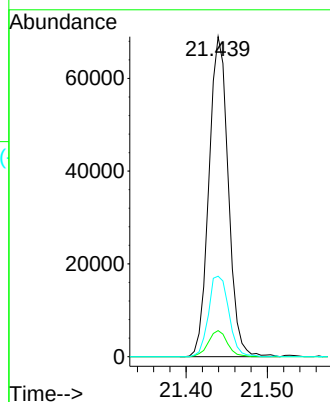
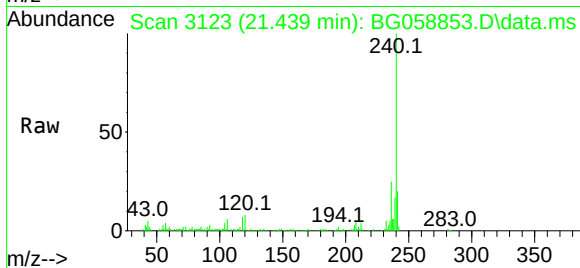
Tgt Ion:240 Resp: 113865

Ion Ratio Lower Upper

240 100

120 8.2 6.2 9.2

236 25.2 20.5 30.7



#79

Terphenyl-d14

Concen: 60.841 ng

RT: 19.818 min Scan# 2847

Delta R.T. -0.018 min

Lab File: BG058853.D

Acq: 25 Aug 2023 17:20

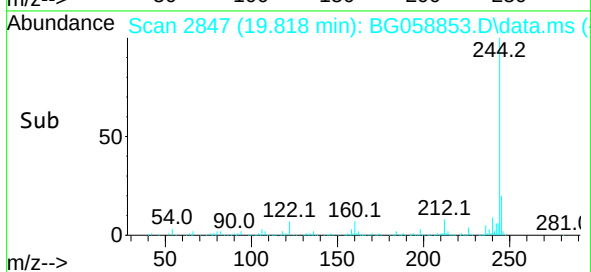
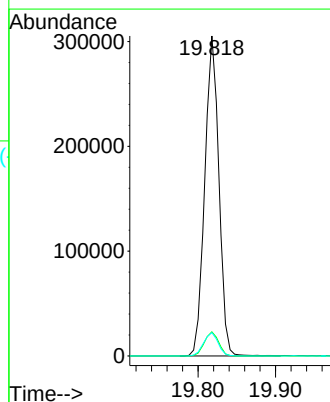
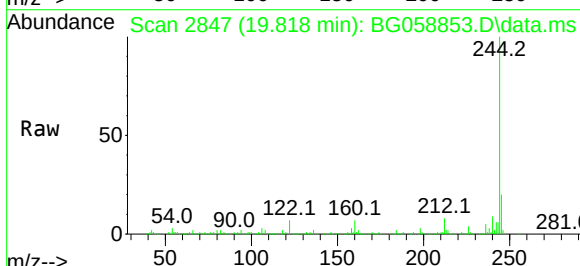
Tgt Ion:244 Resp: 385817

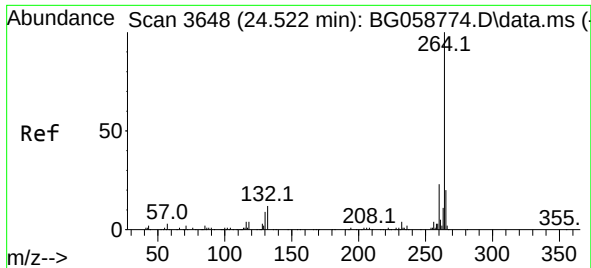
Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

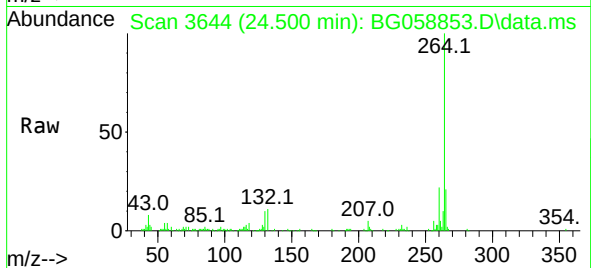
122 7.3 6.3 9.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.500 min Scan# 30
Delta R.T. -0.036 min
Lab File: BG058853.D
Acq: 25 Aug 2023 17:20

Instrument :
BNA_G
ClientSampleId :
SB-05(46-47)



Tgt Ion:264 Resp: 137736

Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.2	27.2
265	20.8	16.4	24.6

