

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
 Data File : BG058533.D
 Acq On : 29 Jul 2023 1:14
 Operator : MA/JU
 Sample : 03632-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-(5-7)

Quant Time: Jul 29 02:59:13 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)

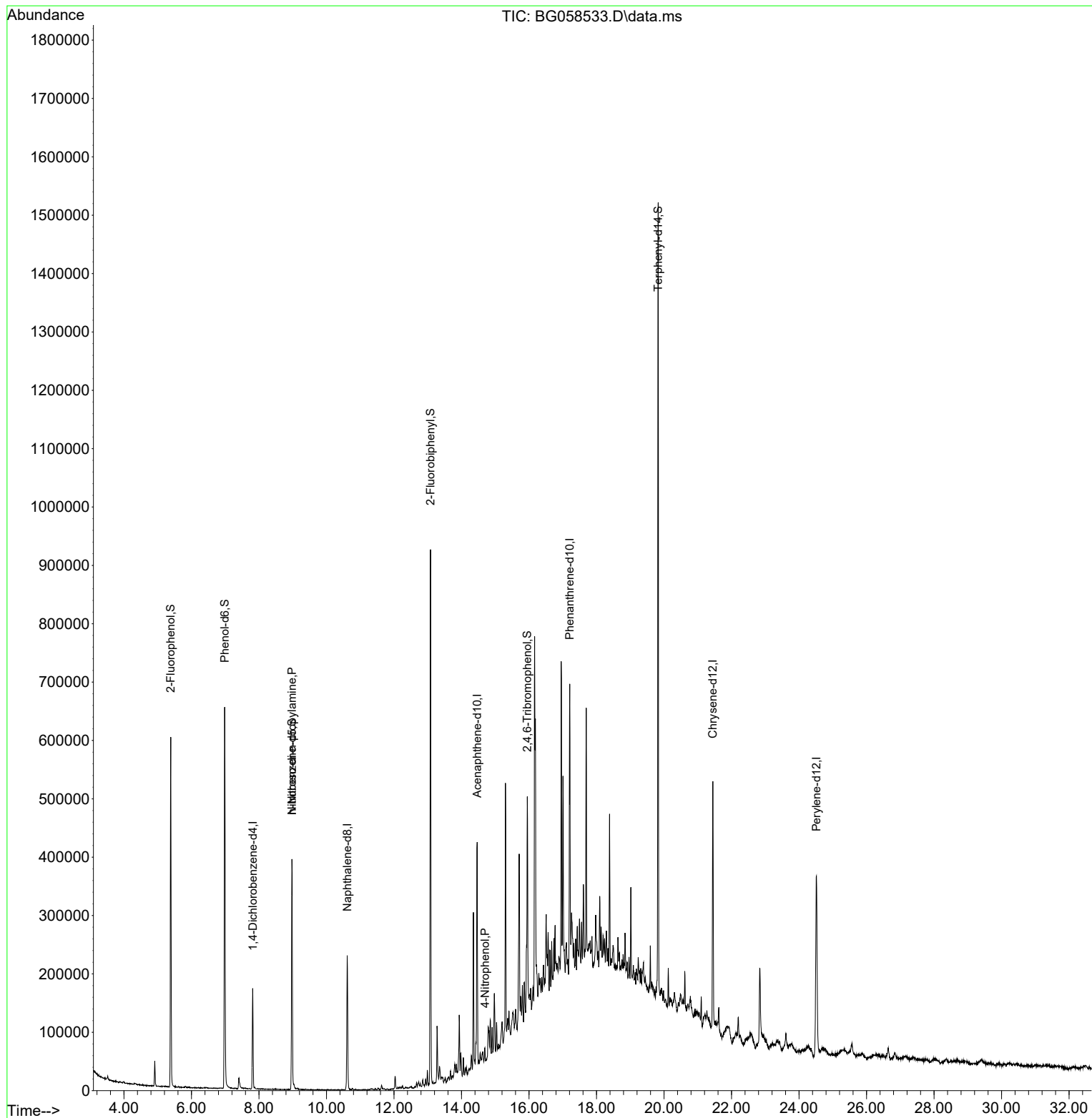
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	48016	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	202947	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	137807	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	291823	20.000	ng	0.00
76) Chrysene-d12	21.443	240	261188	20.000	ng	0.00
86) Perylene-d12	24.516	264	331490	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	250450	79.724	ng	0.00
7) Phenol-d6	6.984	99	408578	93.468	ng	0.00
23) Nitrobenzene-d5	8.975	82	252866	61.209	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	87248	38.627	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	514233	55.921	ng	0.00
79) Terphenyl-d14	19.827	244	736302	53.013	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.975	70	31768	11.251	ng	# 79
56) 4-Nitrophenol	14.698	139	398	3.552	ng	# 1

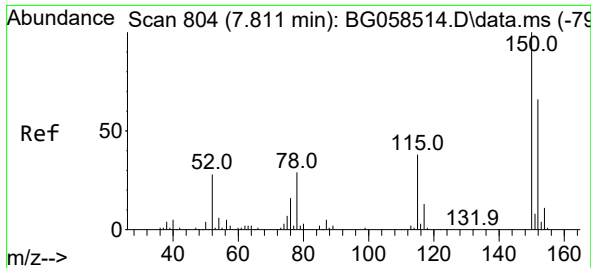
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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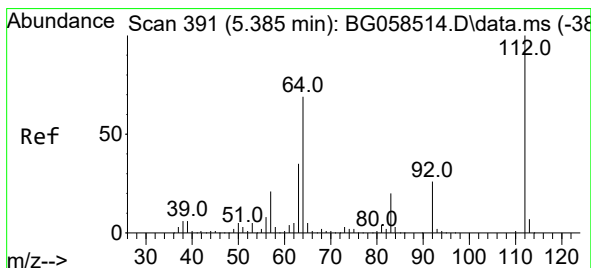
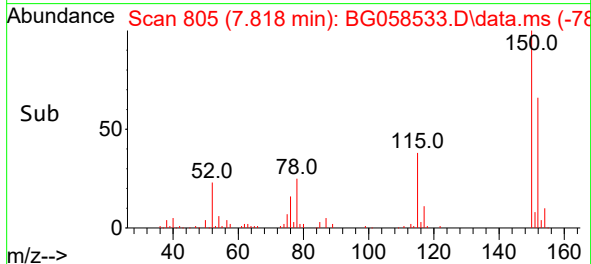
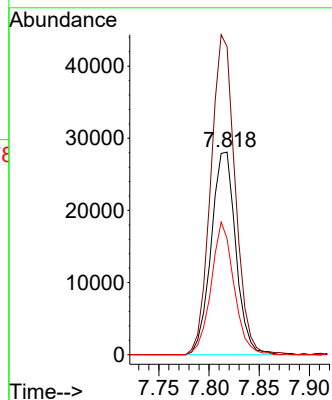
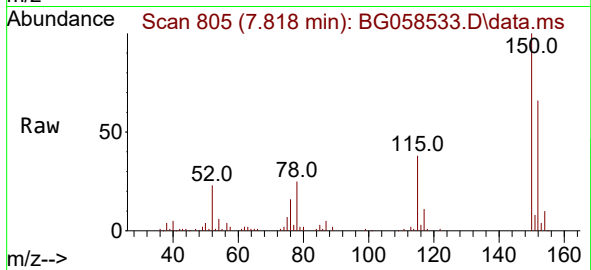




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.818 min Scan# 804
Delta R.T. 0.007 min
Lab File: BG058533.D
Acq: 29 Jul 2023 1:14

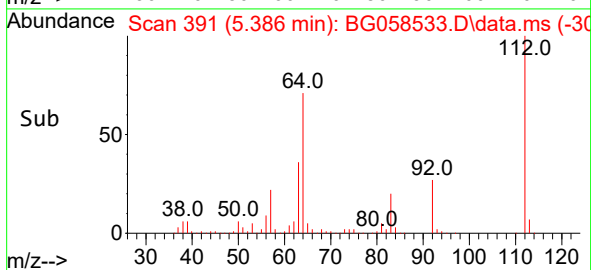
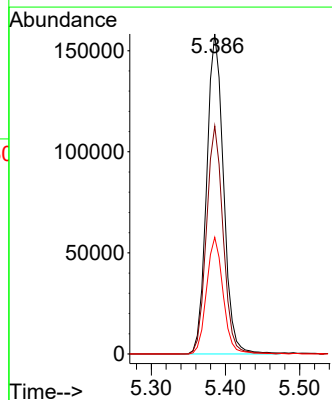
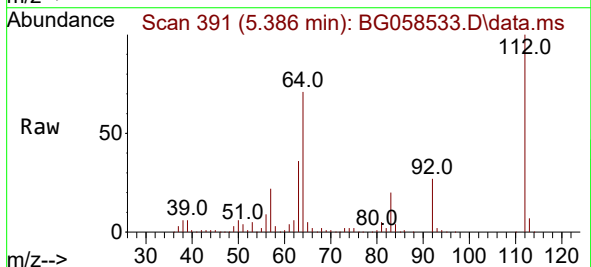
Instrument :
BNA_G
ClientSampleId :
SB-02-(5-7)

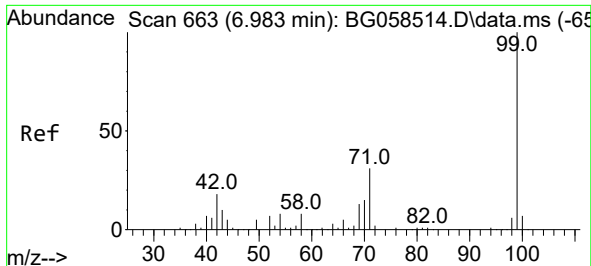
Tgt Ion:152 Resp: 48016
Ion Ratio Lower Upper
152 100
150 152.1 120.5 180.7
115 57.3 45.9 68.9



#5
2-Fluorophenol
Concen: 79.724 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058533.D
Acq: 29 Jul 2023 1:14

Tgt Ion:112 Resp: 250450
Ion Ratio Lower Upper
112 100
64 71.3 55.3 82.9
63 36.5 28.3 42.5

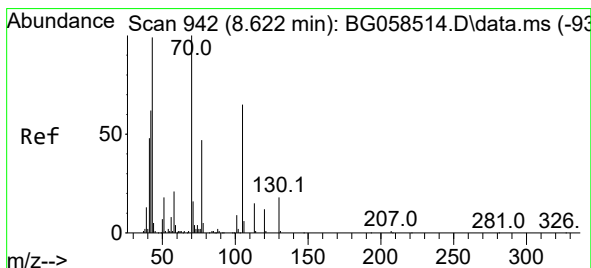
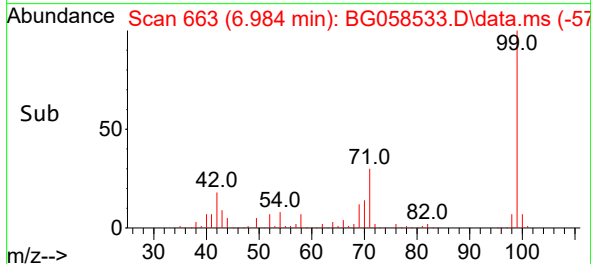
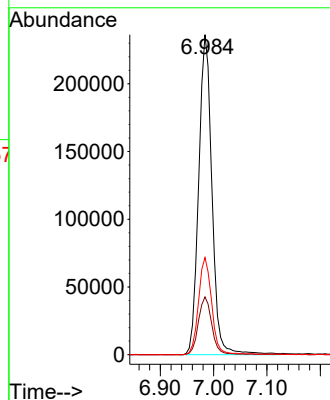
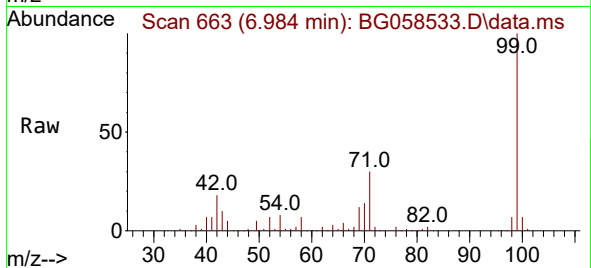




#7
Phenol-d6
Concen: 93.468 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058533.D
Acq: 29 Jul 2023 1:14

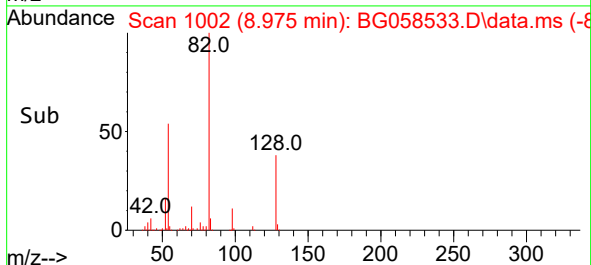
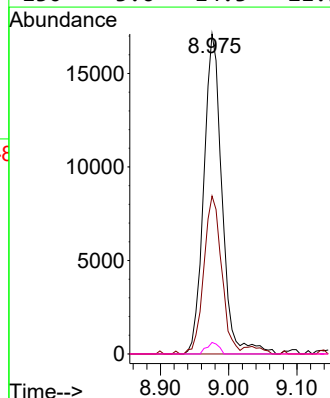
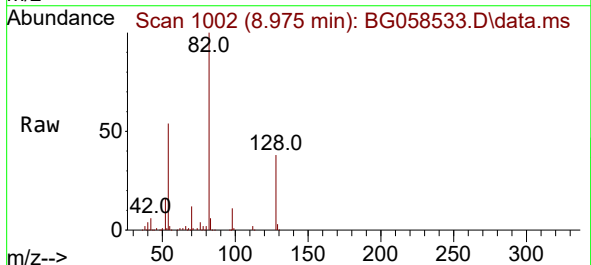
Instrument :
BNA_G
ClientSampleId :
SB-02-(5-7)

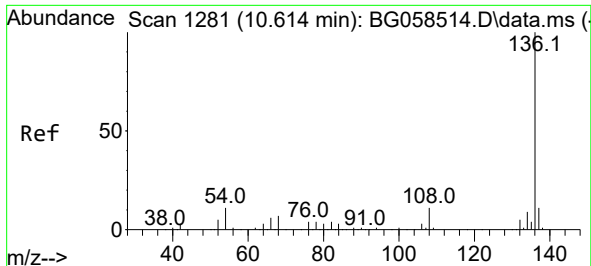
Tgt Ion: 99 Resp: 408578
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 30.3 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.251 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058533.D
Acq: 29 Jul 2023 1:14

Tgt Ion: 70 Resp: 31768
Ion Ratio Lower Upper
70 100
42 49.3 49.7 74.5#
101 0.0 7.0 10.4#
130 3.6 14.3 21.5#

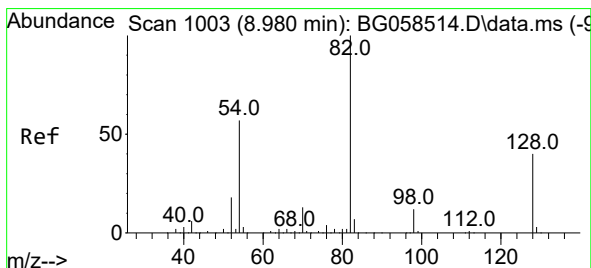
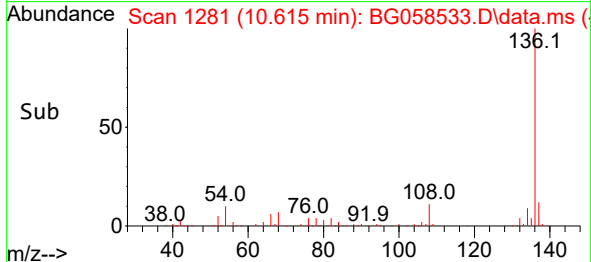
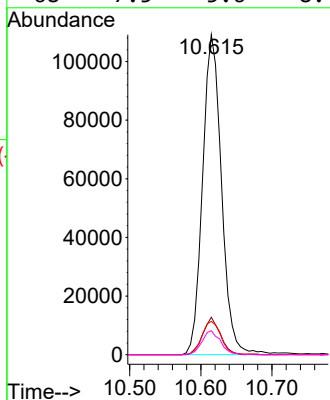
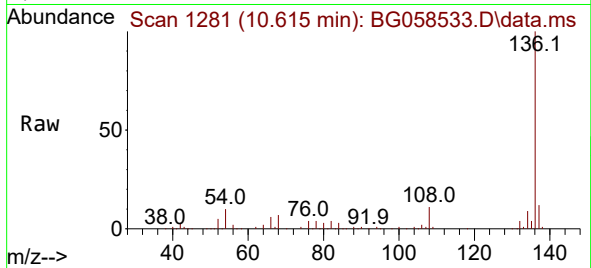




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058533.D
Acq: 29 Jul 2023 1:14

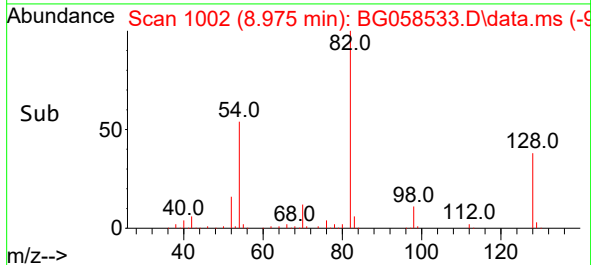
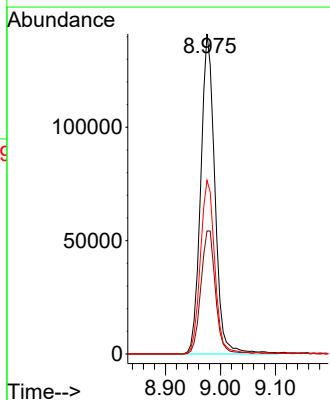
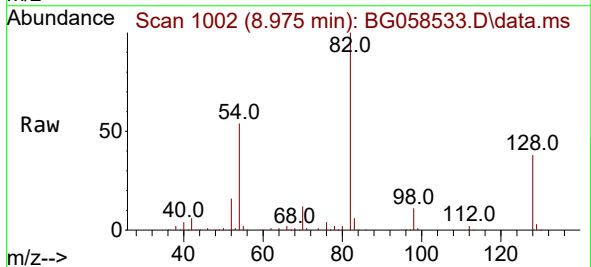
Instrument :
BNA_G
ClientSampleId :
SB-02-(5-7)

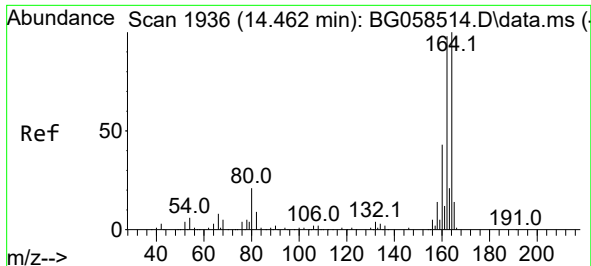
Tgt Ion:	136	Resp:	202947
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.6	13.0
54	10.4	8.9	13.3
68	7.5	5.6	8.4



#23
Nitrobenzene-d5
Concen: 61.209 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058533.D
Acq: 29 Jul 2023 1:14

Tgt Ion:	82	Resp:	252866
Ion Ratio	Lower	Upper	
82	100		
128	38.5	32.2	48.2
54	54.2	46.0	69.0

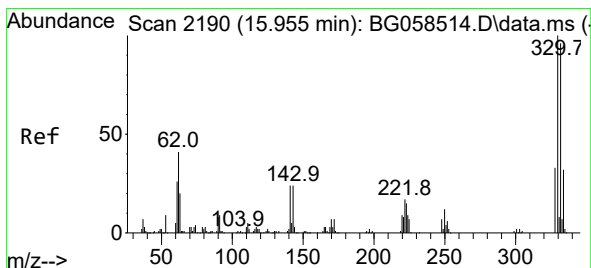
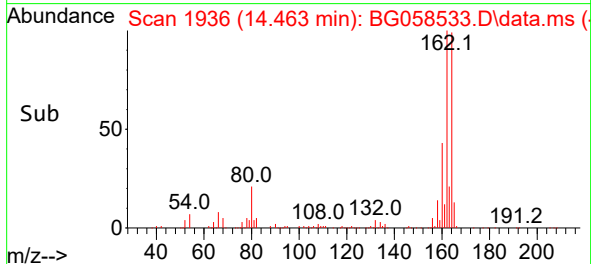
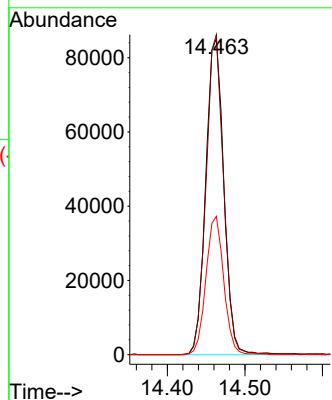
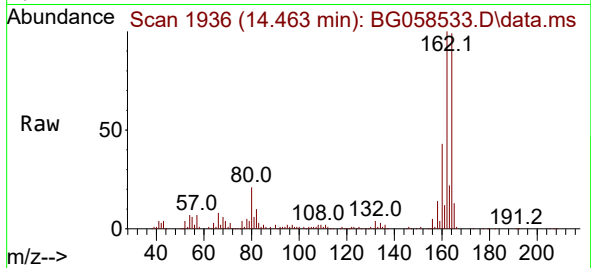




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.001 min
Lab File: BG058533.D
Acq: 29 Jul 2023 1:14

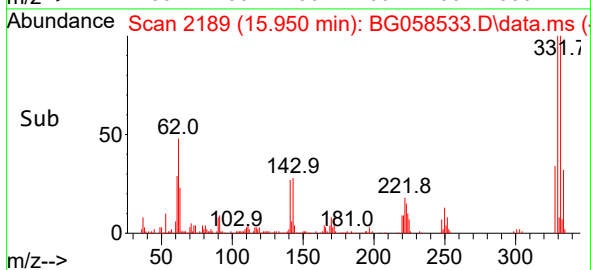
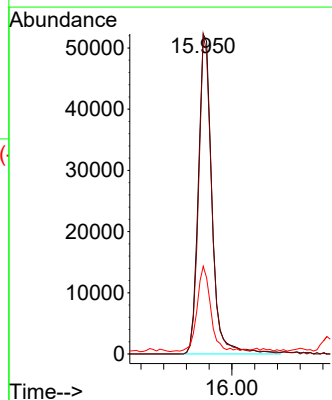
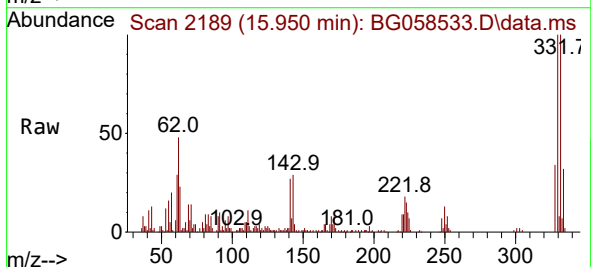
Instrument :
BNA_G
ClientSampleId :
SB-02-(5-7)

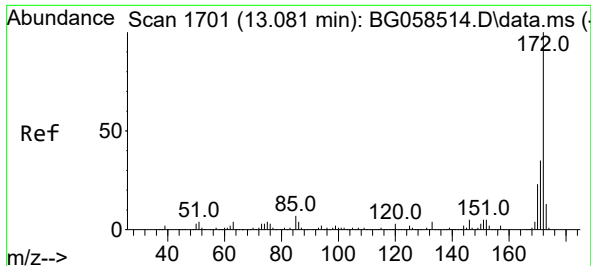
Tgt Ion:164 Resp: 137807
Ion Ratio Lower Upper
164 100
162 101.3 78.3 117.5
160 43.8 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 38.627 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BG058533.D
Acq: 29 Jul 2023 1:14

Tgt Ion:330 Resp: 87248
Ion Ratio Lower Upper
330 100
332 95.3 77.5 116.3
141 26.7 20.7 31.1

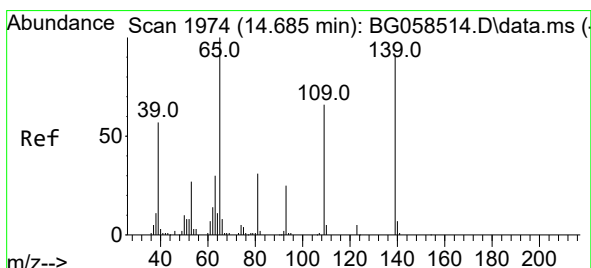
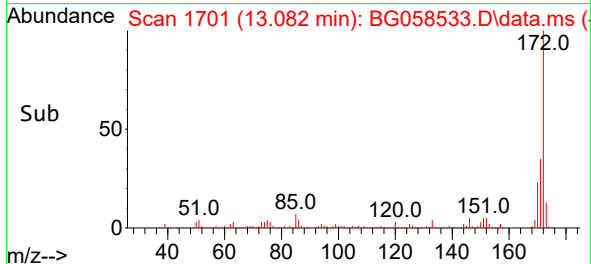
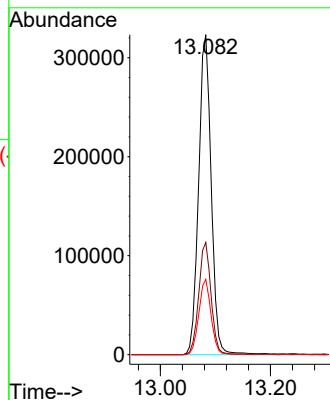
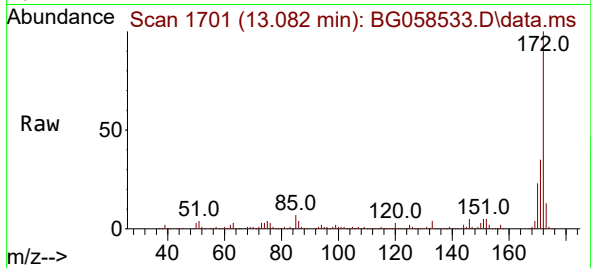




#45
2-Fluorobiphenyl
Concen: 55.921 ng
RT: 13.082 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058533.D
Acq: 29 Jul 2023 1:14

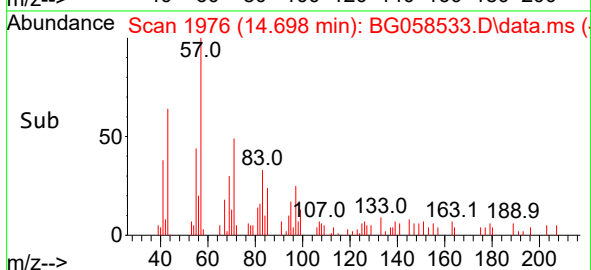
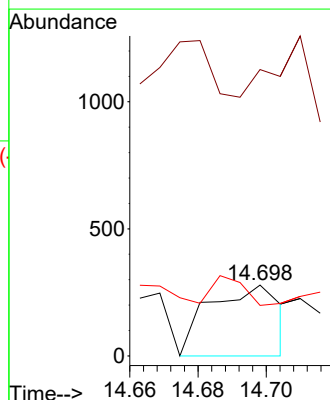
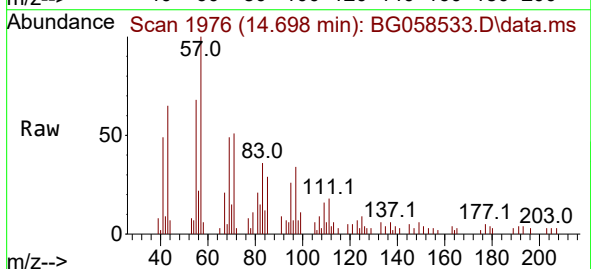
Instrument :
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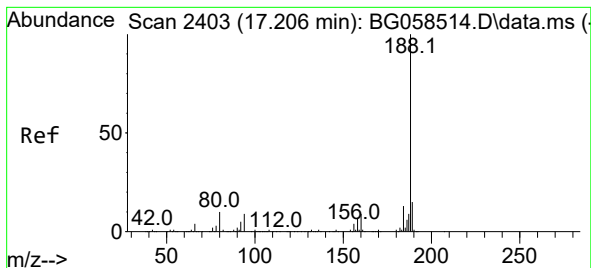
Tgt Ion:172 Resp: 514233
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.5 18.4 27.6



#56
4-Nitrophenol
Concen: 3.552 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.013 min
Lab File: BG058533.D
Acq: 29 Jul 2023 1:14

Tgt Ion:139 Resp: 398
Ion Ratio Lower Upper
139 100
109 403.9 52.5 92.5#
65 71.3 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: BG058533.D

Acq: 29 Jul 2023 1:14

Instrument :

BNA_G

ClientSampleId :

SB-02-(5-7)

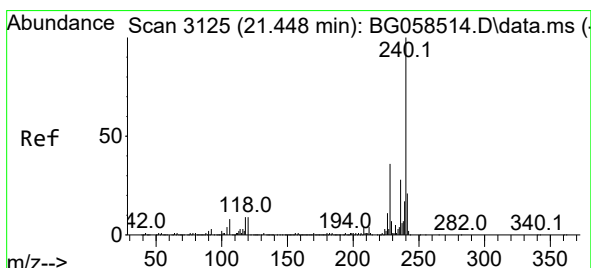
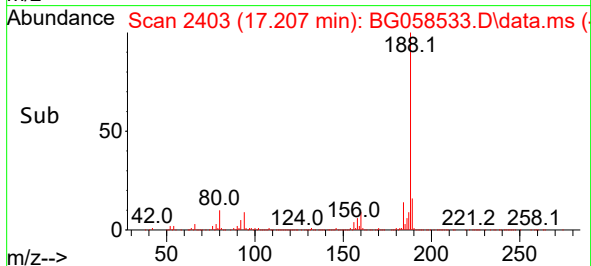
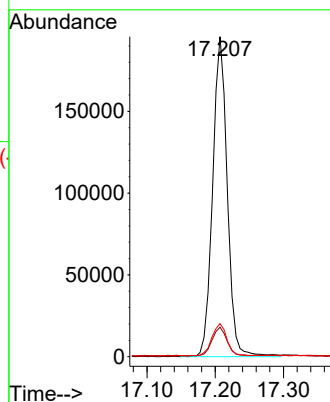
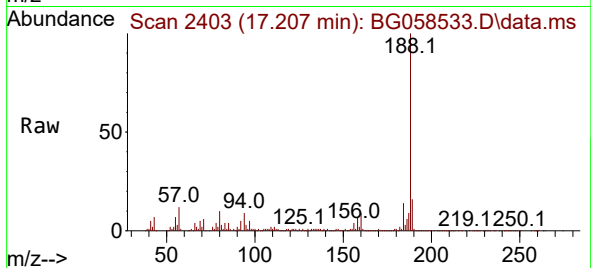
Tgt Ion:188 Resp: 291823

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.6

80 10.4 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.443 min Scan# 3124

Delta R.T. -0.005 min

Lab File: BG058533.D

Acq: 29 Jul 2023 1:14

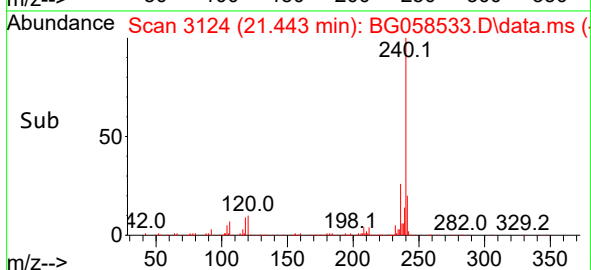
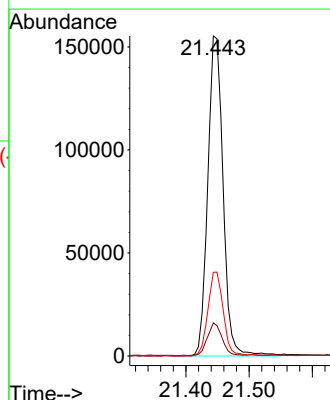
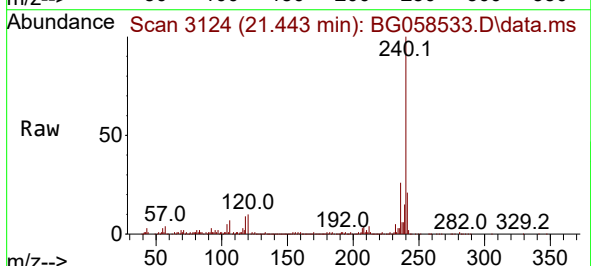
Tgt Ion:240 Resp: 261188

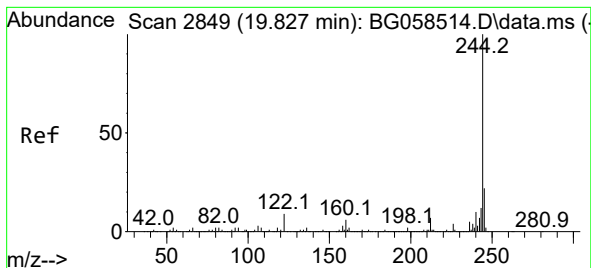
Ion Ratio Lower Upper

240 100

120 10.4 7.4 11.0

236 26.2 22.2 33.4





#79

Terphenyl-d14

Concen: 53.013 ng

RT: 19.827 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG058533.D

Acq: 29 Jul 2023 1:14

Instrument :

BNA_G

ClientSampleId :

SB-02-(5-7)

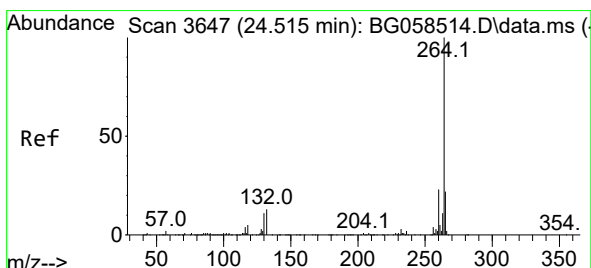
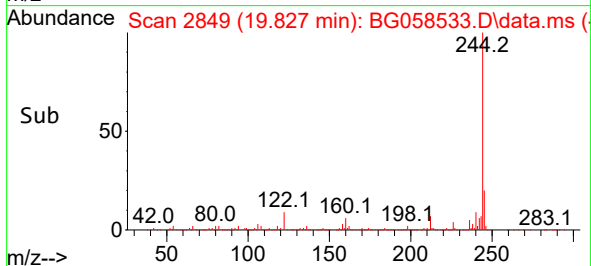
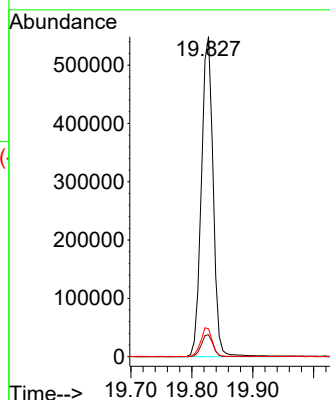
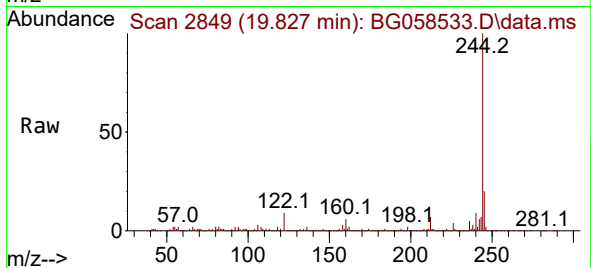
Tgt Ion:244 Resp: 736302

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 8.7 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.516 min Scan# 3647

Delta R.T. 0.001 min

Lab File: BG058533.D

Acq: 29 Jul 2023 1:14

Tgt Ion:264 Resp: 331490

Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 20.7 17.9 26.9

