

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
 Data File : BG058880.D
 Acq On : 28 Aug 2023 19:28
 Operator : MA/JU
 Sample : 04170-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SCAS-01

Quant Time: Aug 29 01:15:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 27 03:38:58 2023
 Response via : Initial Calibration

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

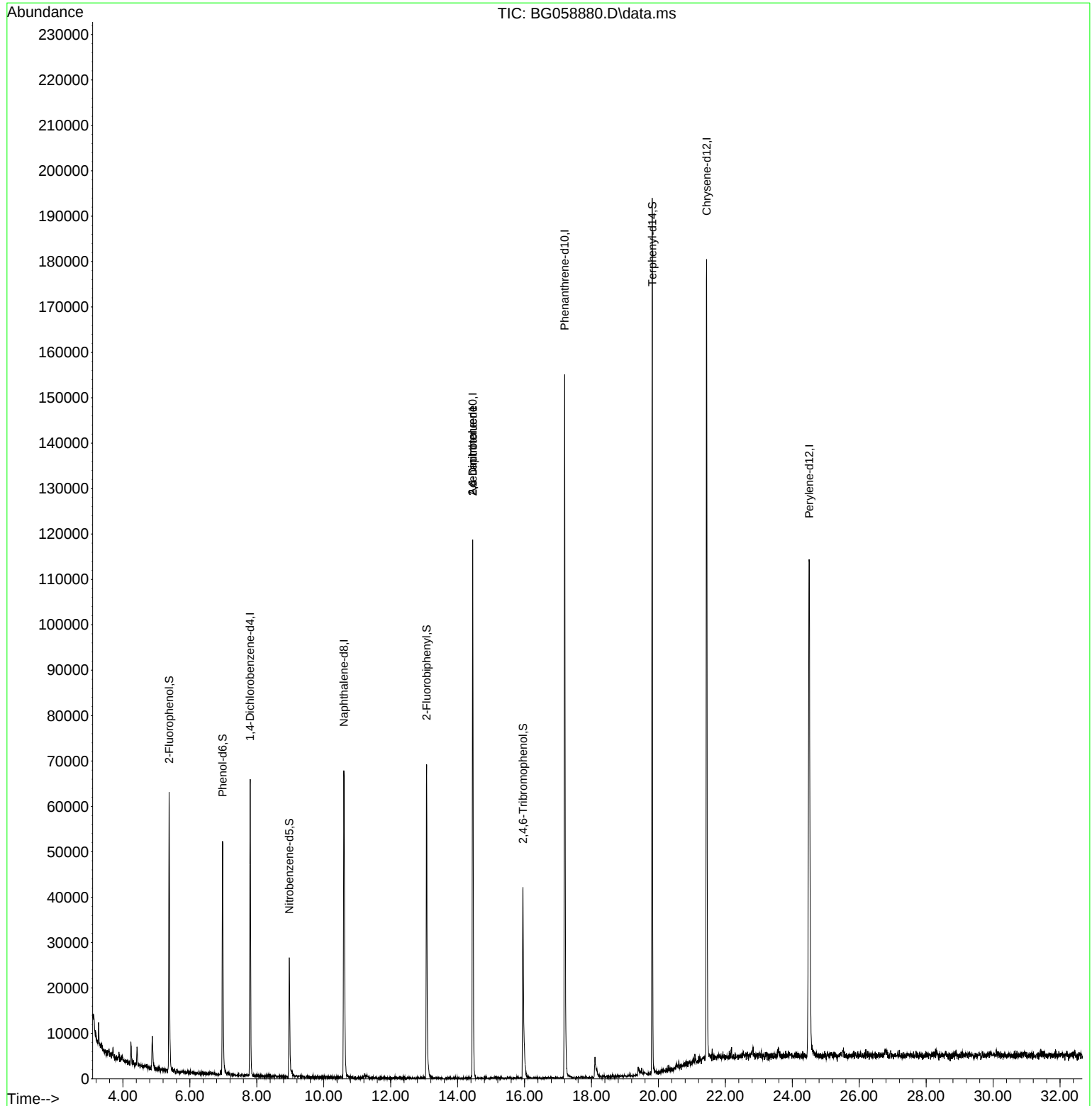
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	19240	20.000	ng	-0.03
21) Naphthalene-d8	10.602	136	72507	20.000	ng	-0.03
39) Acenaphthene-d10	14.450	164	48490	20.000	ng	-0.02
64) Phenanthrene-d10	17.200	188	122021	20.000	ng	#-0.02
76) Chrysene-d12	21.442	240	119680	20.000	ng	-0.02
86) Perylene-d12	24.509	264	139030	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	27150	22.709	ng	-0.02
7) Phenol-d6	6.977	99	33398	19.910	ng	-0.03
23) Nitrobenzene-d5	8.968	82	18275	12.118	ng	-0.03
42) 2,4,6-Tribromophenol	15.954	330	16087	21.158	ng	-0.02
45) 2-Fluorobiphenyl	13.075	172	49620	14.884	ng	-0.02
79) Terphenyl-d14	19.815	244	106494	15.978	ng	-0.02
Target Compounds						
51) 2,6-Dinitrotoluene	14.450	165	6234	7.903	ng	# 22
57) 2,4-Dinitrotoluene	14.450	165	6234	5.666	ng	# 19

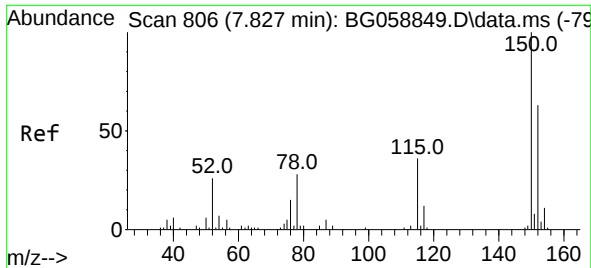
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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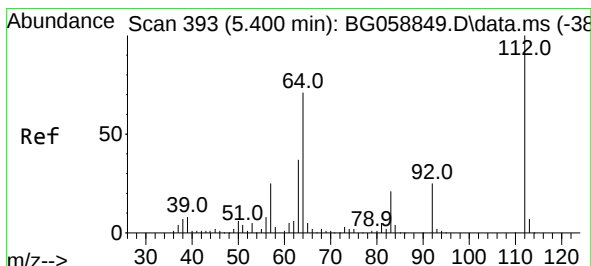
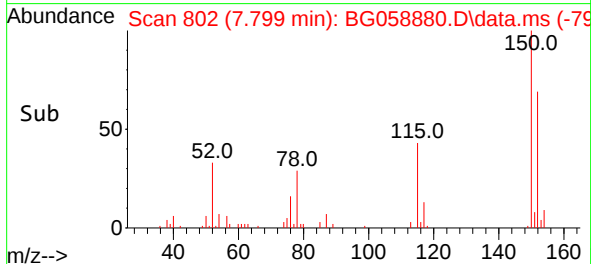
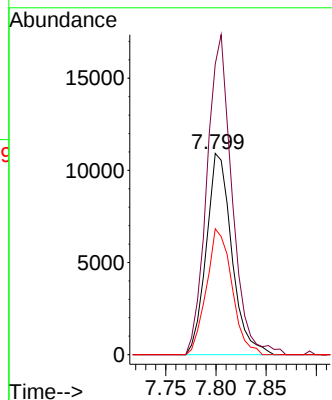
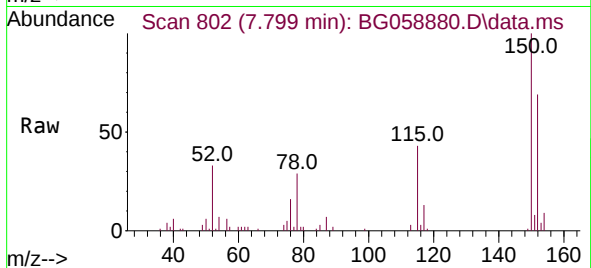




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 806
Delta R.T. -0.028 min
Lab File: BG058880.D
Acq: 28 Aug 2023 19:28

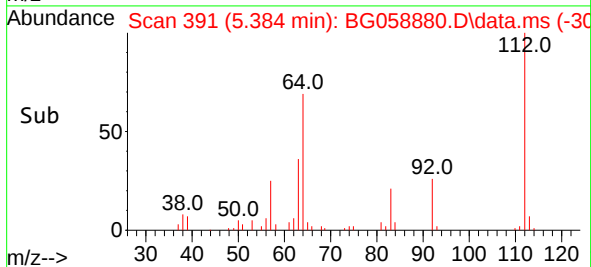
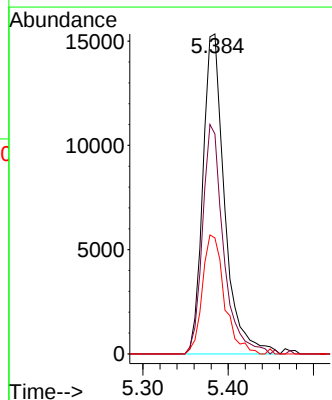
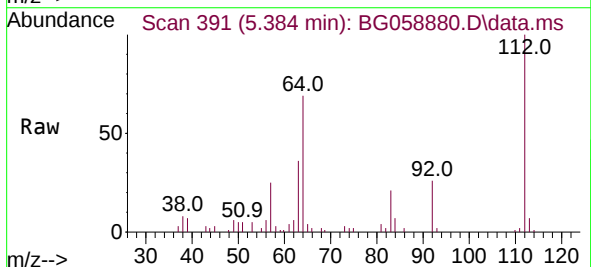
Instrument :
BNA_G
ClientSampleId :
WC-SCAS-01

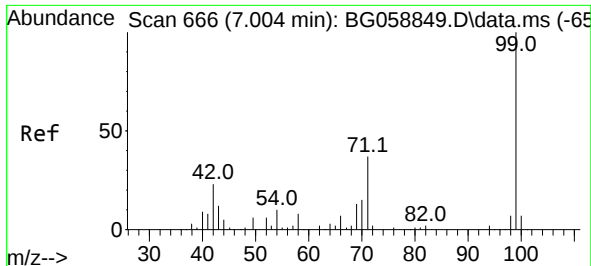
Tgt Ion:152 Resp: 19240
Ion Ratio Lower Upper
152 100
150 144.4 128.6 192.8
115 62.5 50.4 75.6



#5
2-Fluorophenol
Concen: 22.709 ng
RT: 5.384 min Scan# 391
Delta R.T. -0.016 min
Lab File: BG058880.D
Acq: 28 Aug 2023 19:28

Tgt Ion:112 Resp: 27150
Ion Ratio Lower Upper
112 100
64 68.7 60.6 90.8
63 36.2 31.0 46.4

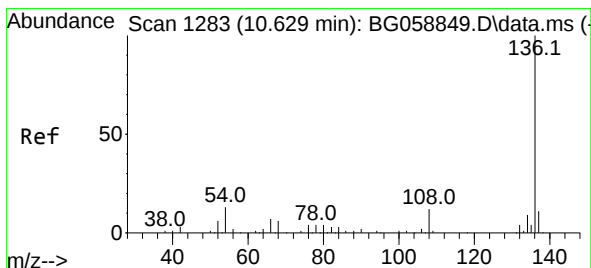
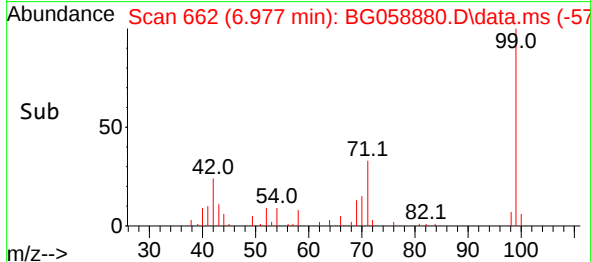
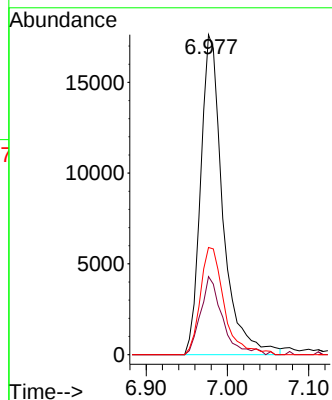
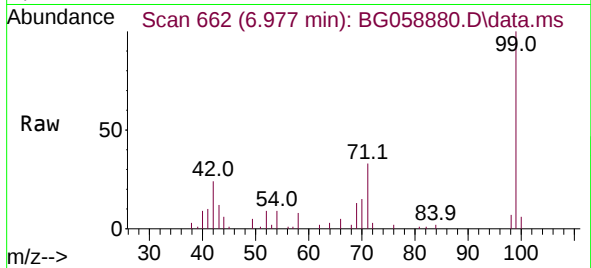




#7
Phenol-d6
Concen: 19.910 ng
RT: 6.977 min Scan# 60
Delta R.T. -0.027 min
Lab File: BG058880.D
Acq: 28 Aug 2023 19:28

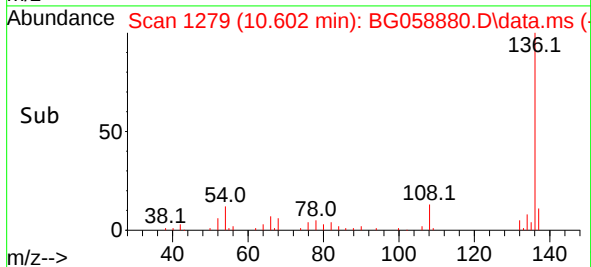
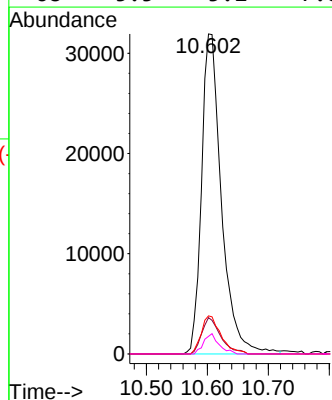
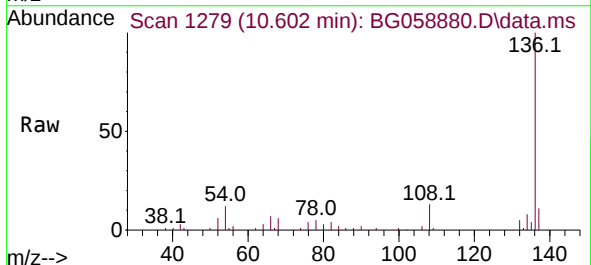
Instrument :
BNA_G
ClientSampleId :
WC-SCAS-01

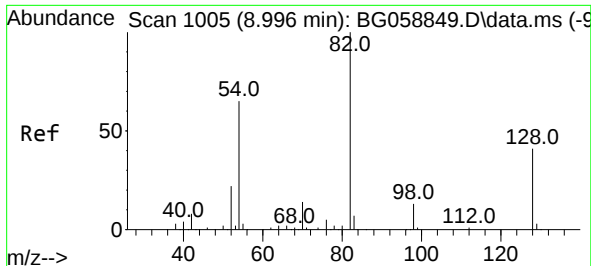
Tgt Ion: 99 Resp: 33398
Ion Ratio Lower Upper
99 100
42 24.4 16.5 24.7
71 33.5 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.602 min Scan# 1279
Delta R.T. -0.027 min
Lab File: BG058880.D
Acq: 28 Aug 2023 19:28

Tgt Ion: 136 Resp: 72507
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 11.9 10.1 15.1
68 5.5 5.2 7.8

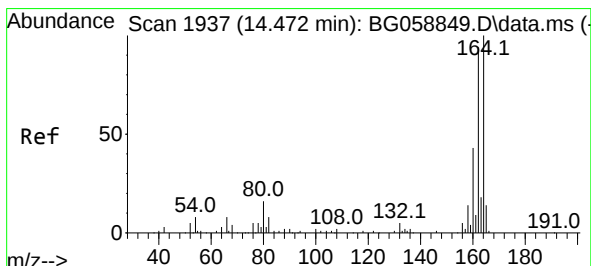
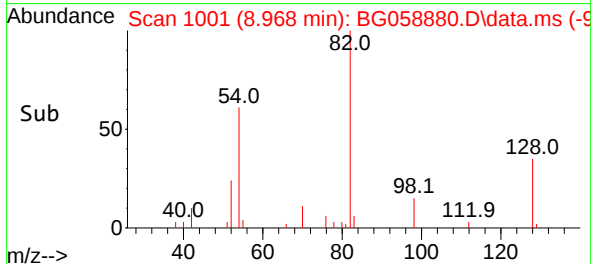
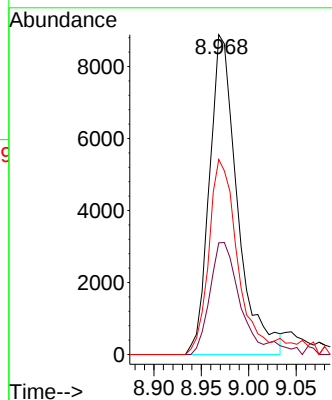
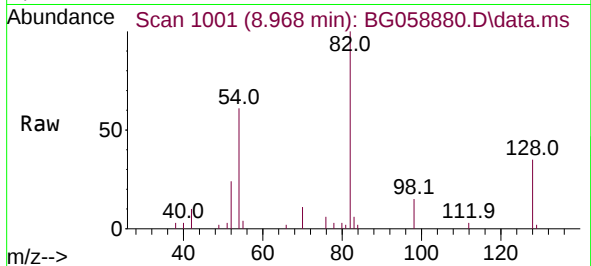




#23
Nitrobenzene-d5
Concen: 12.118 ng
RT: 8.968 min Scan# 10
Delta R.T. -0.027 min
Lab File: BG058880.D
Acq: 28 Aug 2023 19:28

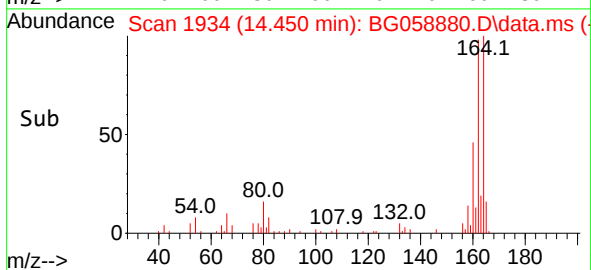
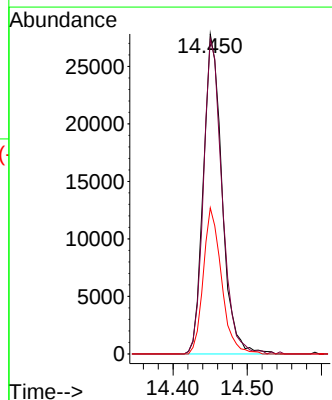
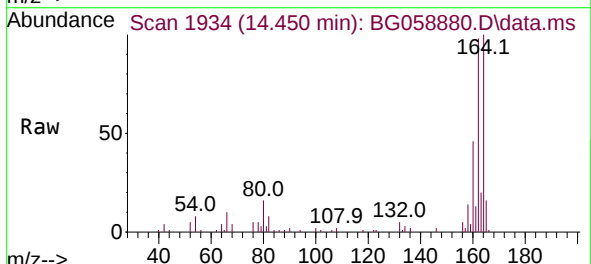
Instrument :
BNA_G
ClientSampleId :
WC-SCAS-01

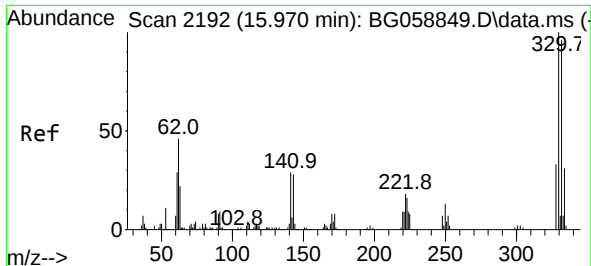
Tgt Ion: 82 Resp: 18275
Ion Ratio Lower Upper
82 100
128 34.9 33.2 49.8
54 61.0 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.450 min Scan# 1934
Delta R.T. -0.022 min
Lab File: BG058880.D
Acq: 28 Aug 2023 19:28

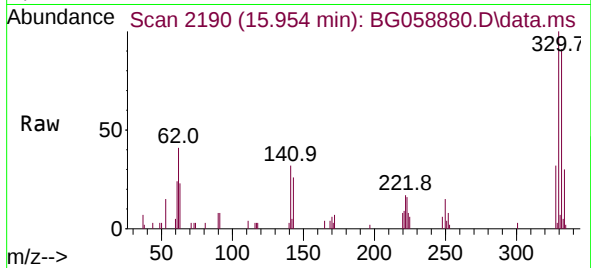
Tgt Ion:164 Resp: 48490
Ion Ratio Lower Upper
164 100
162 98.4 79.6 119.4
160 45.6 34.0 51.0



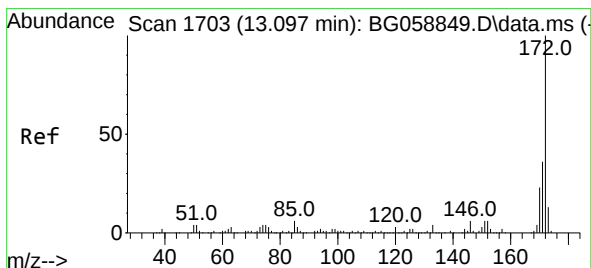
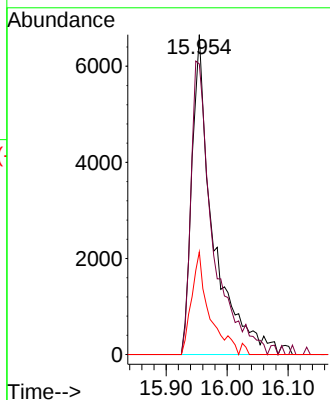
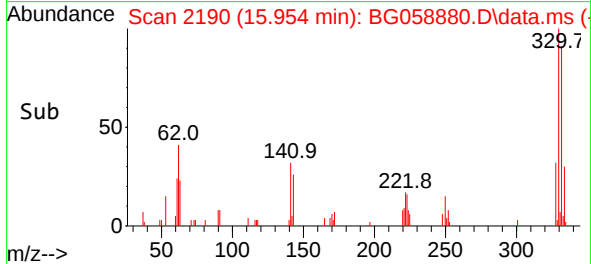


#42
2,4,6-Tribromophenol
Concen: 21.158 ng
RT: 15.954 min Scan# 21
Delta R.T. -0.016 min
Lab File: BG058880.D
Acq: 28 Aug 2023 19:28

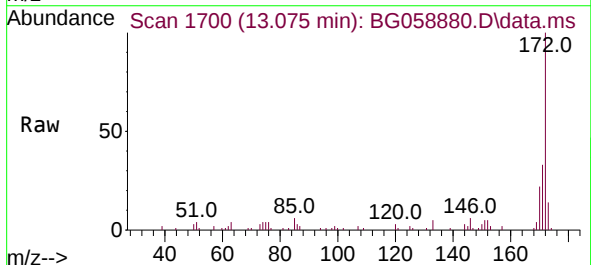
Instrument :
BNA_G
ClientSampleId :
WC-SCAS-01



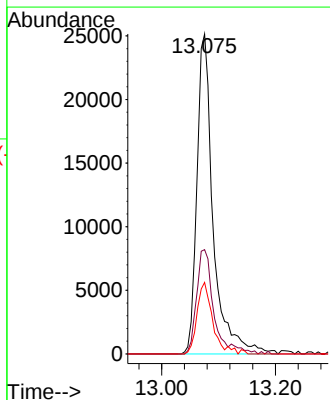
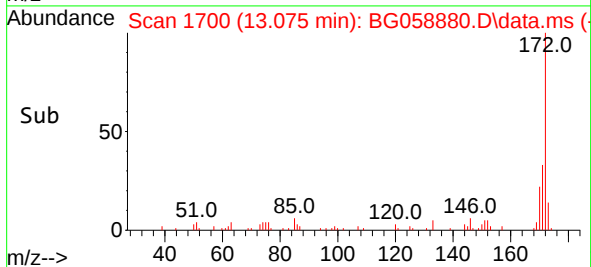
Tgt Ion:330 Resp: 16087
Ion Ratio Lower Upper
330 100
332 94.8 78.5 117.7
141 26.6 23.0 34.6

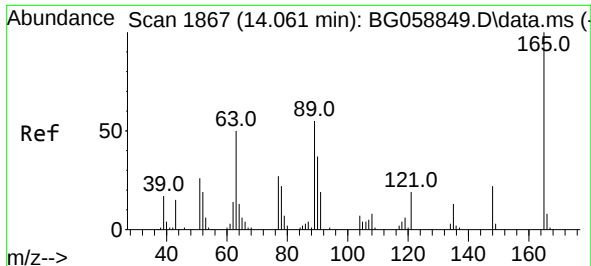


#45
2-Fluorobiphenyl
Concen: 14.884 ng
RT: 13.075 min Scan# 1700
Delta R.T. -0.022 min
Lab File: BG058880.D
Acq: 28 Aug 2023 19:28



Tgt Ion:172 Resp: 49620
Ion Ratio Lower Upper
172 100
171 32.6 28.1 42.1
170 22.3 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 7.903 ng

RT: 14.450 min Scan# 1934

Delta R.T. 0.390 min

Lab File: BG058880.D

Acq: 28 Aug 2023 19:28

Instrument :

BNA_G

ClientSampleId :

WC-SCAS-01

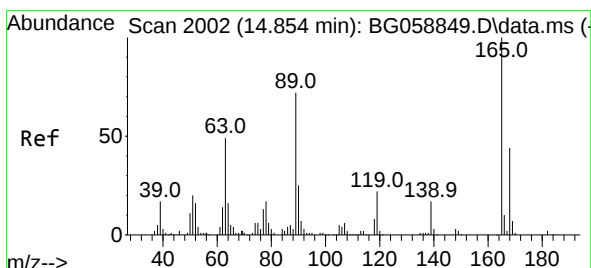
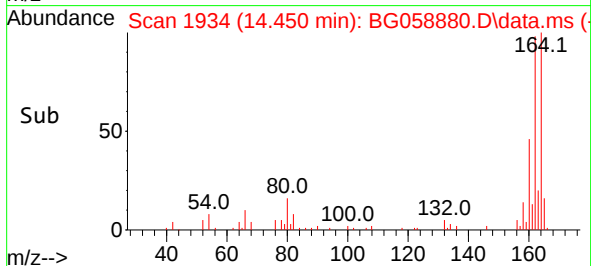
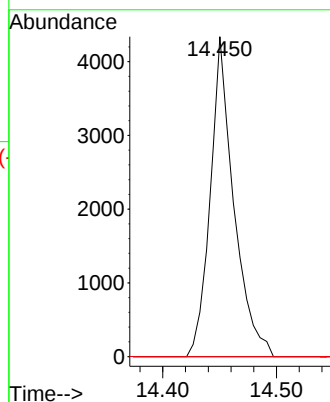
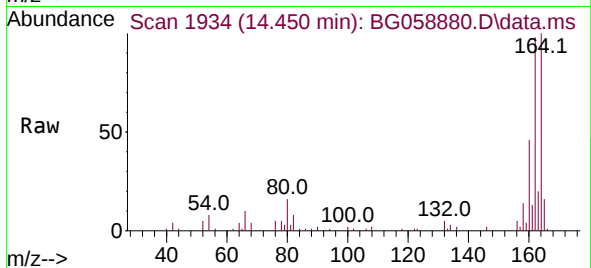
Tgt Ion:165 Resp: 6234

Ion Ratio Lower Upper

165 100

63 0.0 47.2 70.8#

89 0.0 45.0 67.4#



#57

2,4-Dinitrotoluene

Concen: 5.666 ng

RT: 14.450 min Scan# 1934

Delta R.T. -0.403 min

Lab File: BG058880.D

Acq: 28 Aug 2023 19:28

Tgt Ion:165 Resp: 6234

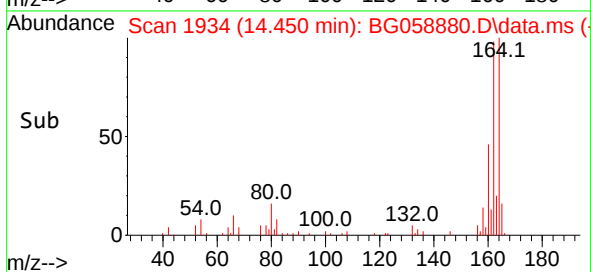
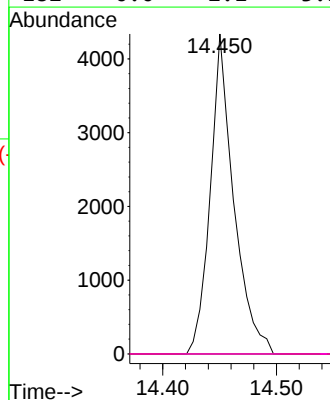
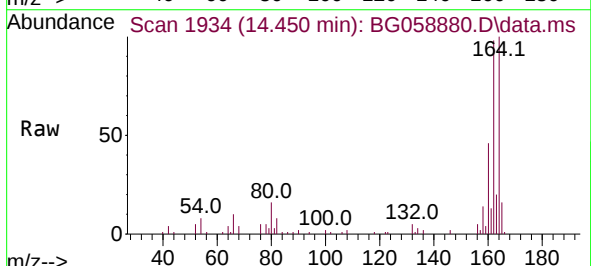
Ion Ratio Lower Upper

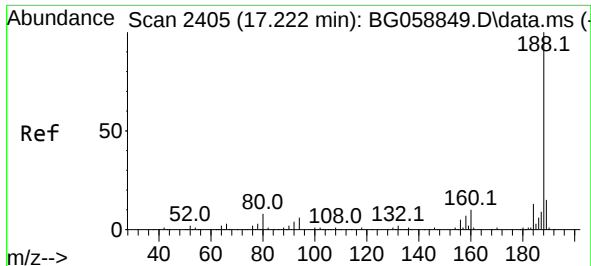
165 100

63 0.0 41.8 62.6#

89 0.0 60.7 91.1#

182 0.0 2.1 3.1#

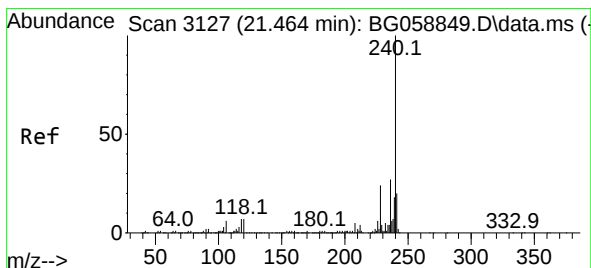
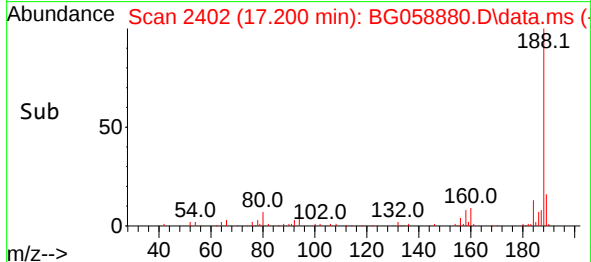
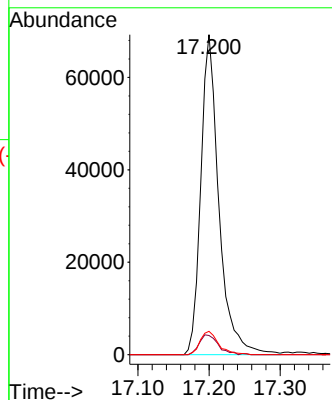
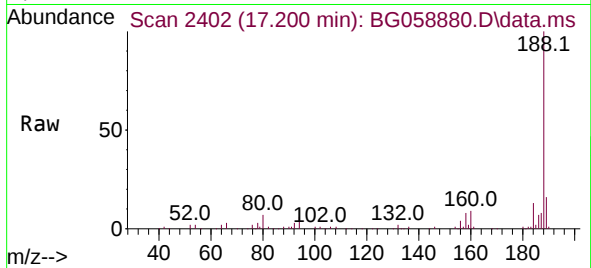




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.200 min Scan# 24
Delta R.T. -0.022 min
Lab File: BG058880.D
Acq: 28 Aug 2023 19:28

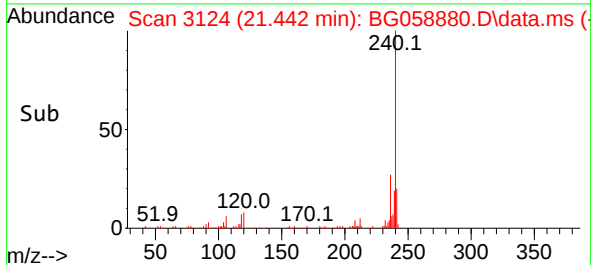
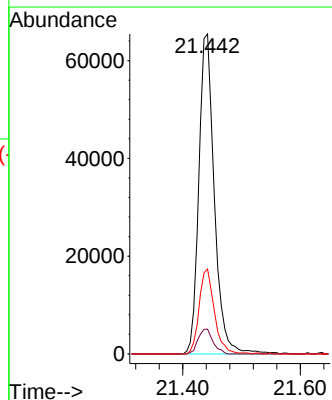
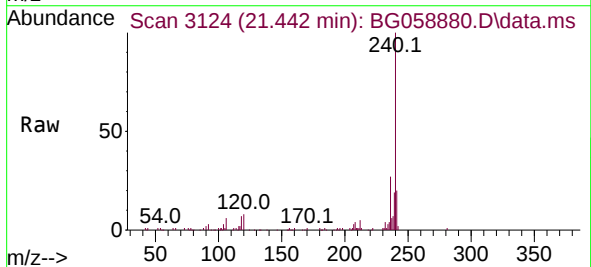
Instrument :
BNA_G
ClientSampleId :
WC-SCAS-01

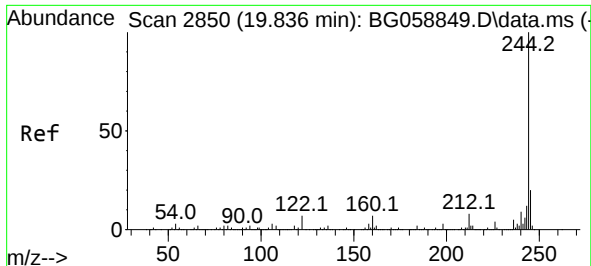
Tgt Ion:188 Resp: 122021
Ion Ratio Lower Upper
188 100
94 6.0 6.1 9.1#
80 7.3 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.442 min Scan# 3124
Delta R.T. -0.022 min
Lab File: BG058880.D
Acq: 28 Aug 2023 19:28

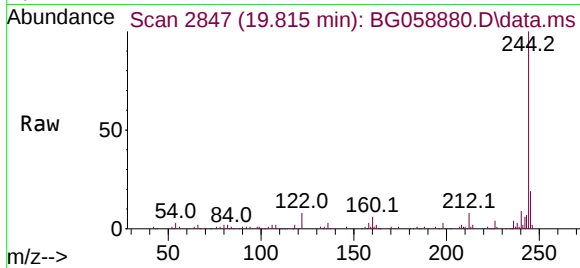
Tgt Ion:240 Resp: 119680
Ion Ratio Lower Upper
240 100
120 7.7 6.2 9.2
236 26.5 20.5 30.7



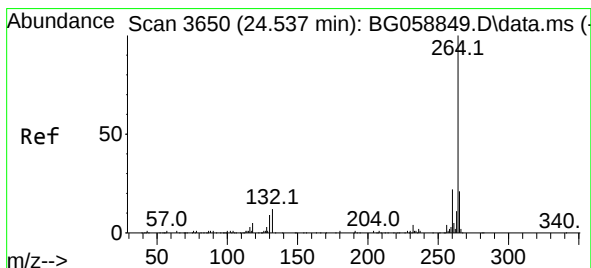
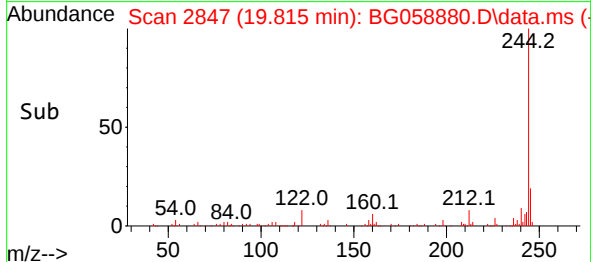
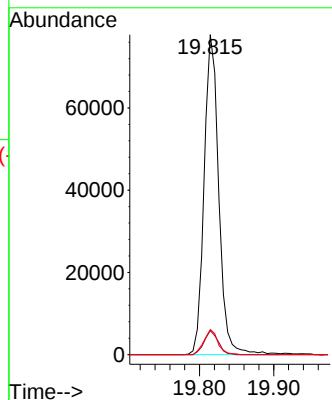


#79
 Terphenyl-d14
 Concen: 15.978 ng
 RT: 19.815 min Scan# 2847
 Delta R.T. -0.022 min
 Lab File: BG058880.D
 Acq: 28 Aug 2023 19:28

Instrument :
 BNA_G
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 WC-SCAS-01



Tgt Ion:244	Resp:	106494
Ion Ratio	Lower	Upper
244	100	
212	7.5	6.2 9.2
122	7.8	6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.509 min Scan# 3646
 Delta R.T. -0.027 min
 Lab File: BG058880.D
 Acq: 28 Aug 2023 19:28

Tgt Ion:264	Resp:	139030
Ion Ratio	Lower	Upper
264	100	
260	23.6	18.2 27.2
265	21.2	16.4 24.6

