

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
 Data File : BG058805.D
 Acq On : 22 Aug 2023 12:18
 Operator : MA/JU
 Sample : 04093-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 22 12:50:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

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

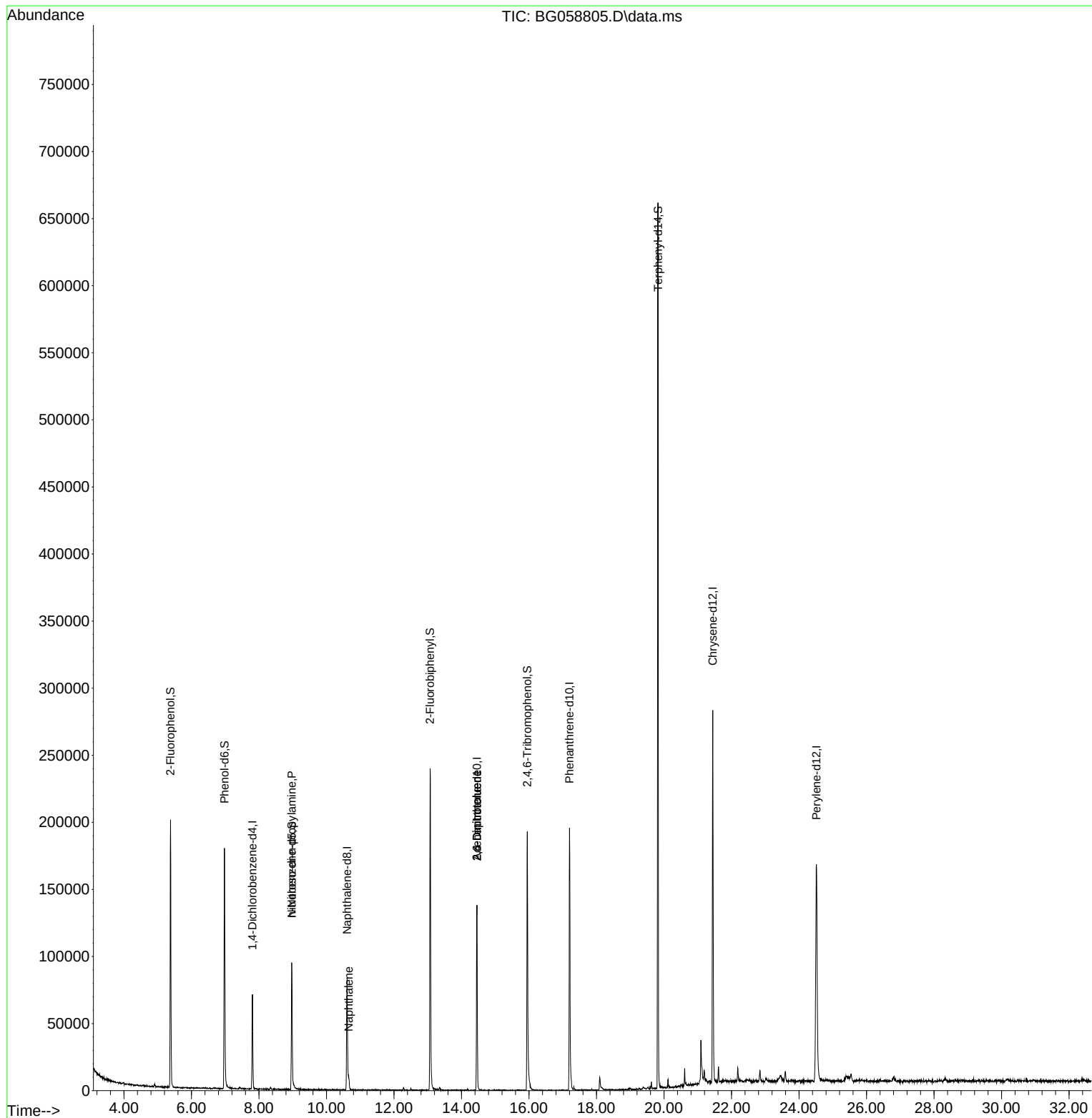
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	19397	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	78532	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	55461	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	147639	20.000	ng	0.00
76) Chrysene-d12	21.443	240	168117	20.000	ng	0.00
86) Perylene-d12	24.516	264	201584	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	81113	67.295	ng	0.00
7) Phenol-d6	6.978	99	106121	62.752	ng	0.00
23) Nitrobenzene-d5	8.970	82	61978	37.943	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	53138	61.105	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	152232	39.923	ng	0.00
79) Terphenyl-d14	19.822	244	362227	38.688	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.970	70	7886	7.214	ng	Qvalue # 66
31) Naphthalene	10.656	128	8435	2.046	ng	100
51) 2,6-Dinitrotoluene	14.457	165	7288	8.078	ng	# 22
57) 2,4-Dinitrotoluene	14.457	165	7288	5.792	ng	# 19

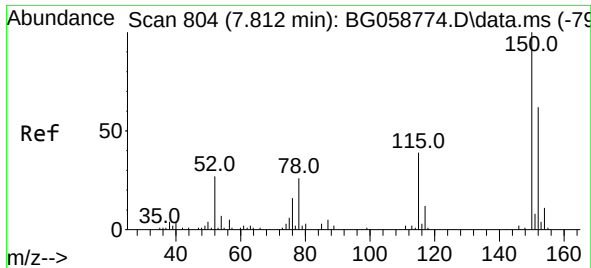
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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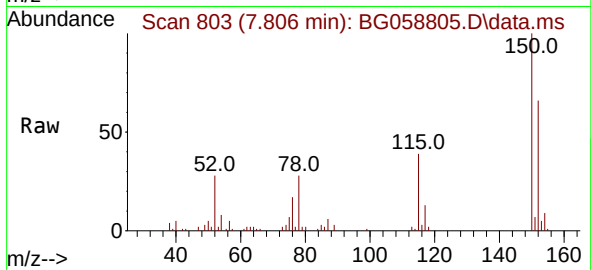
Quant Time: Aug 22 12:50:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:40:57 2023
Response via : Initial Calibration



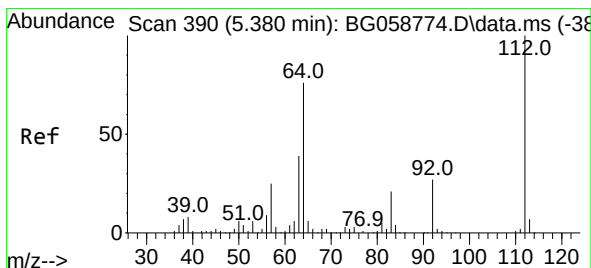
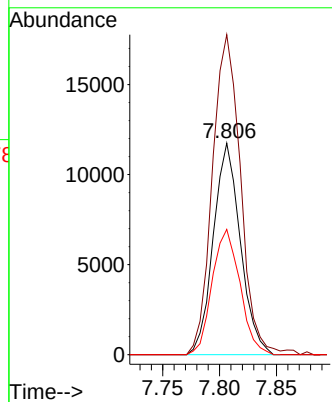
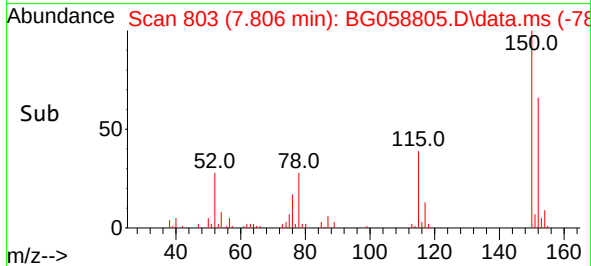


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG058805.D
Acq: 22 Aug 2023 12:18

Instrument :
BNA_G
ClientSampleId :

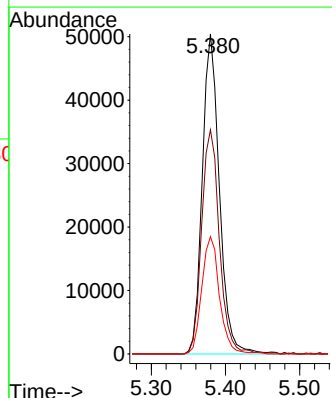
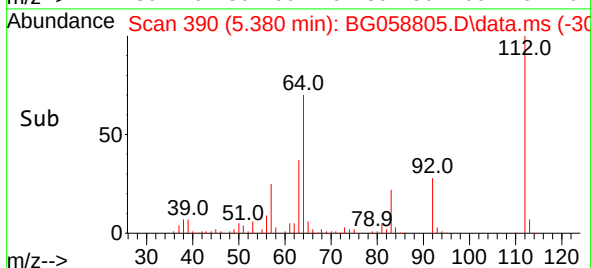
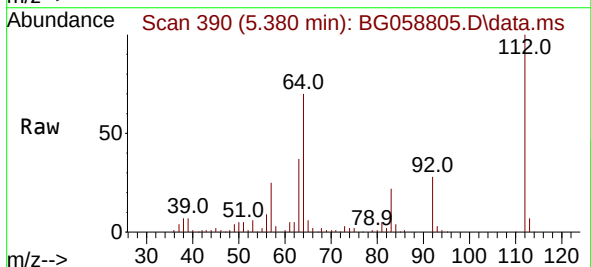


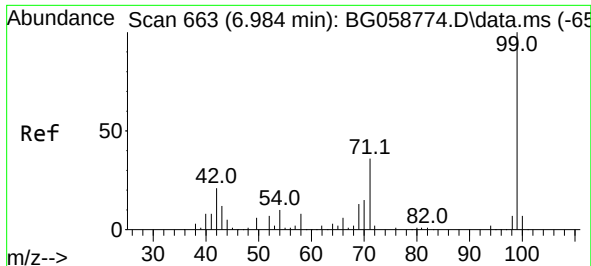
Tgt Ion:152 Resp: 19397
Ion Ratio Lower Upper
152 100
150 151.3 128.6 192.8
115 59.2 50.4 75.6



#5
2-Fluorophenol
Concen: 67.295 ng
RT: 5.380 min Scan# 390
Delta R.T. -0.000 min
Lab File: BG058805.D
Acq: 22 Aug 2023 12:18

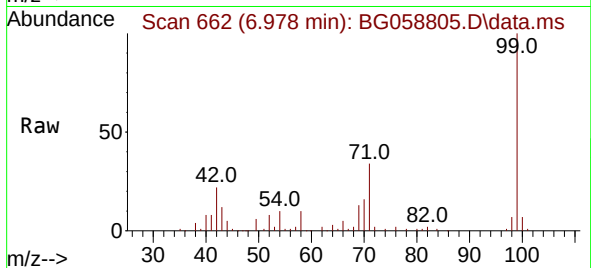
Tgt Ion:112 Resp: 81113
Ion Ratio Lower Upper
112 100
64 70.1 60.6 90.8
63 36.6 31.0 46.4



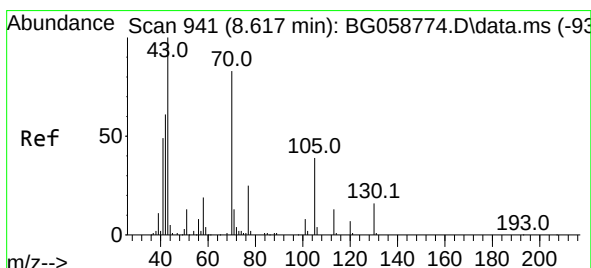
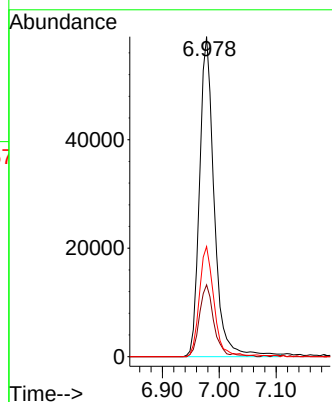
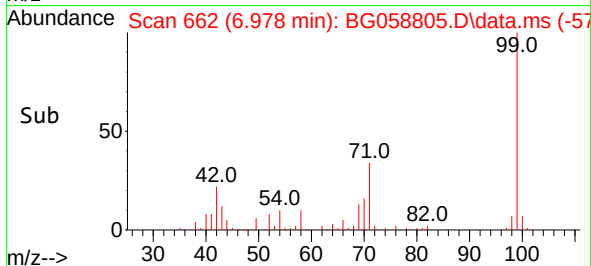


#7
Phenol-d6
Concen: 62.752 ng
RT: 6.978 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG058805.D
Acq: 22 Aug 2023 12:18

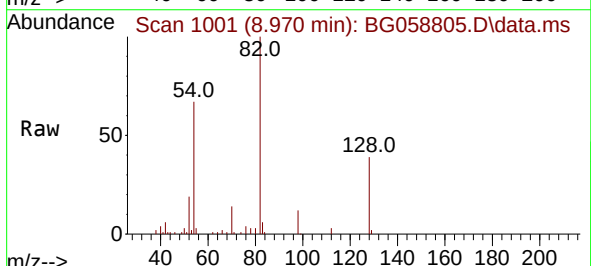
Instrument :
BNA_G
ClientSampleId :



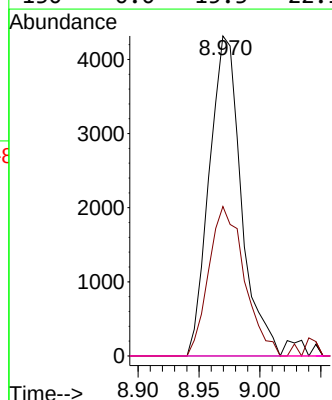
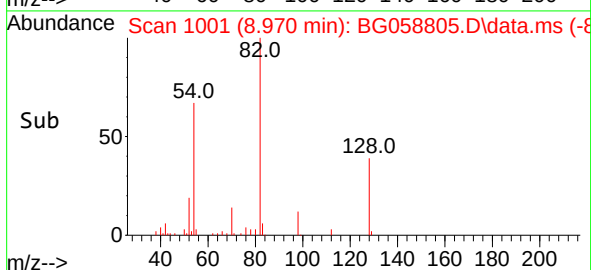
Tgt Ion: 99 Resp: 106121
Ion Ratio Lower Upper
99 100
42 22.4 16.5 24.7
71 34.4 28.4 42.6

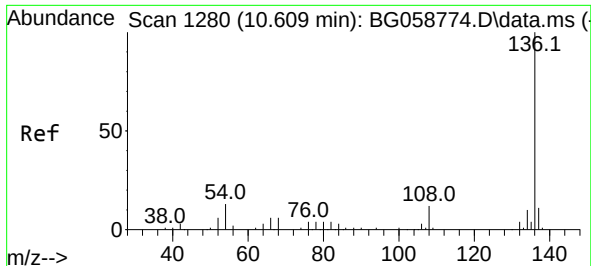


#19
n-Nitroso-di-n-propylamine
Concen: 7.214 ng
RT: 8.970 min Scan# 1001
Delta R.T. 0.352 min
Lab File: BG058805.D
Acq: 22 Aug 2023 12:18



Tgt Ion: 70 Resp: 7886
Ion Ratio Lower Upper
70 100
42 46.7 59.2 88.8#
101 0.0 8.2 12.2#
130 0.0 15.3 22.9#

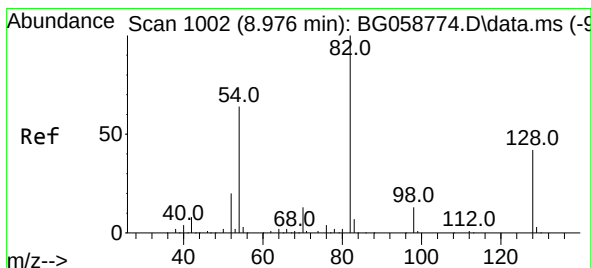
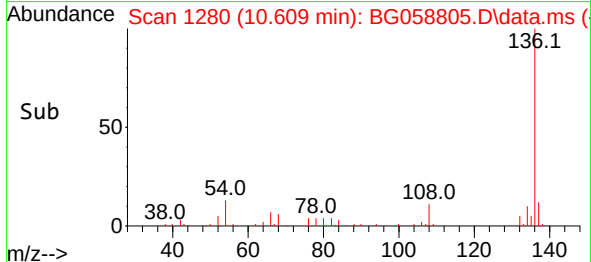
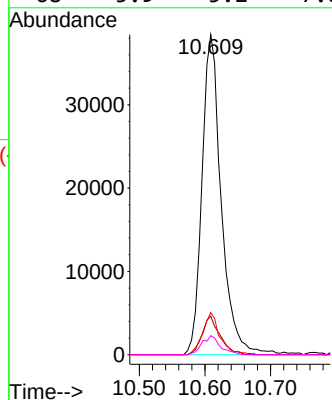
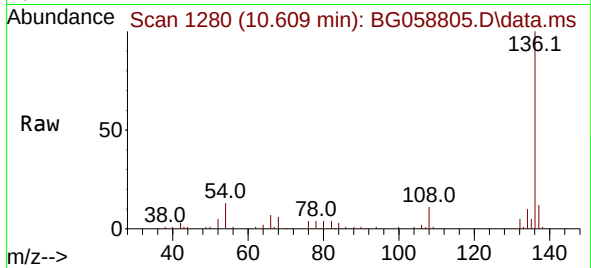




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG058805.D
Acq: 22 Aug 2023 12:18

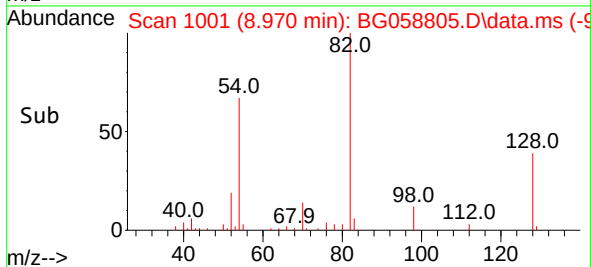
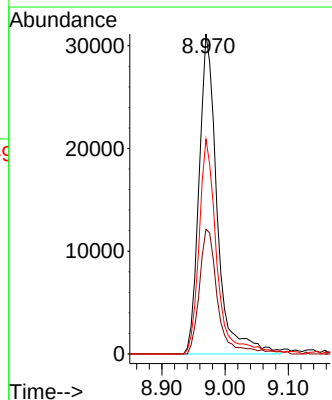
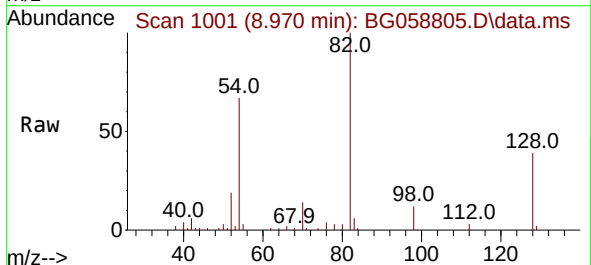
Instrument :
BNA_G
ClientSampleId :

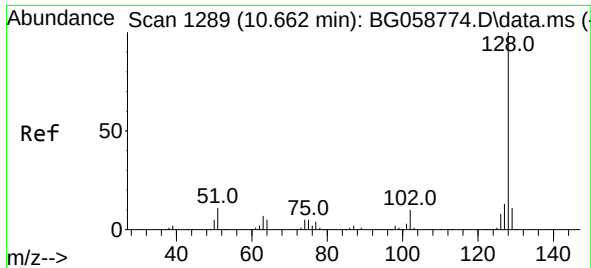
Tgt Ion:	136	Resp:	78532
Ion Ratio	Lower	Upper	
136	100		
137	12.0	8.7	13.1
54	13.1	10.1	15.1
68	5.9	5.2	7.8



#23
Nitrobenzene-d5
Concen: 37.943 ng
RT: 8.970 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BG058805.D
Acq: 22 Aug 2023 12:18

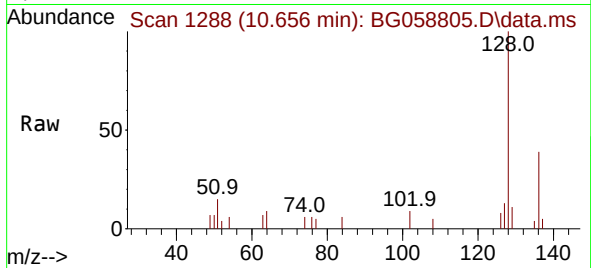
Tgt Ion:	82	Resp:	61978
Ion Ratio	Lower	Upper	
82	100		
128	39.0	33.2	49.8
54	67.1	51.2	76.8



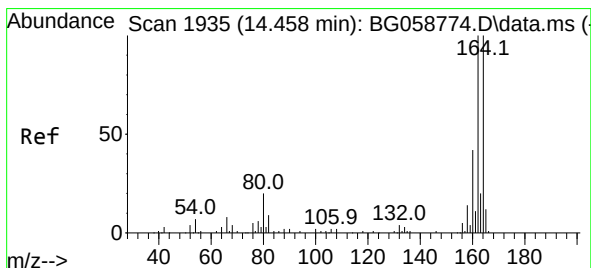
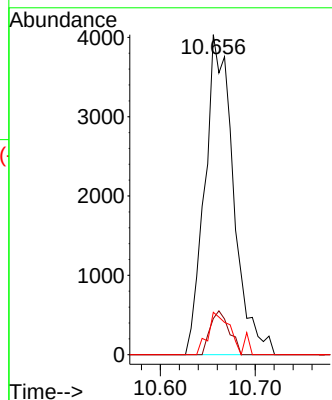
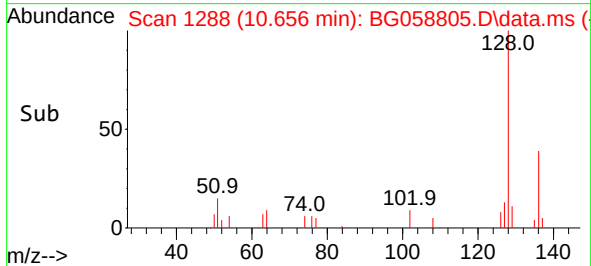


#31
Naphthalene
Concen: 2.046 ng
RT: 10.656 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BG058805.D
Acq: 22 Aug 2023 12:18

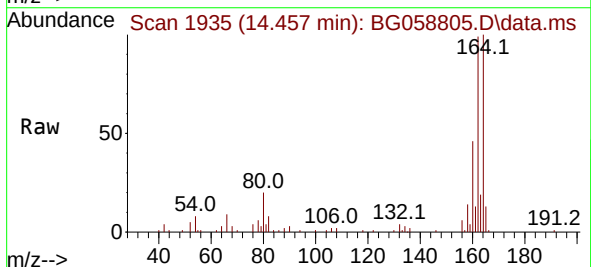
Instrument :
BNA_G
ClientSampleId :



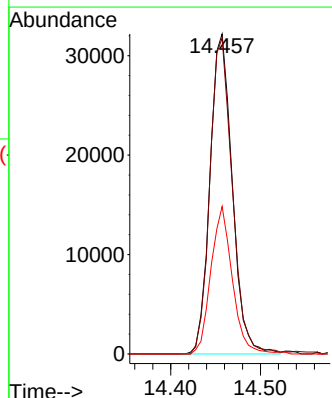
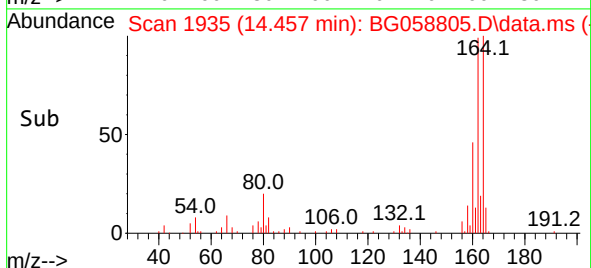
Tgt Ion:	128	Resp:	8435
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.9	13.3
127	13.2	10.6	15.8

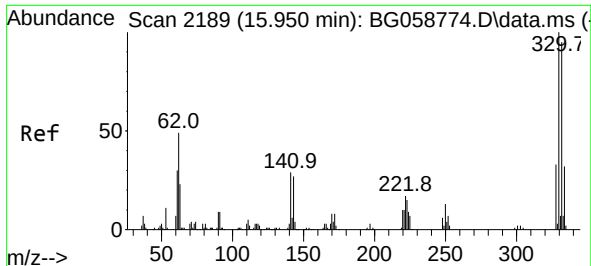


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BG058805.D
Acq: 22 Aug 2023 12:18



Tgt Ion:	164	Resp:	55461
Ion Ratio	Lower	Upper	
164	100		
162	98.7	79.6	119.4
160	46.1	34.0	51.0

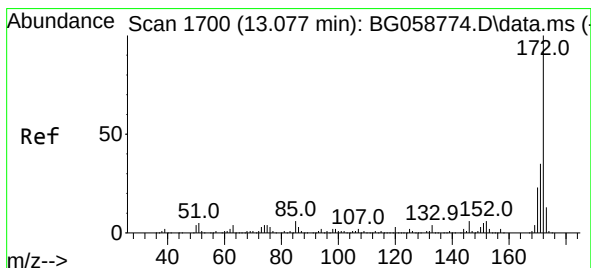
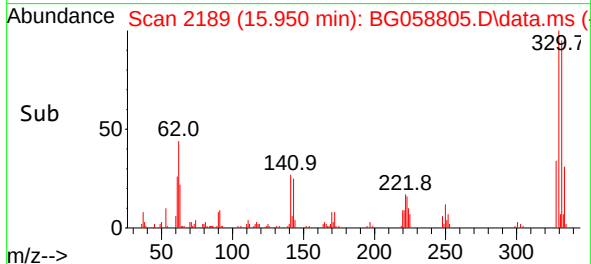
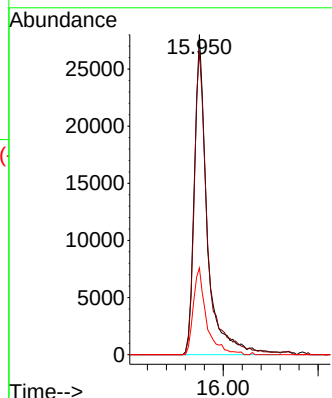
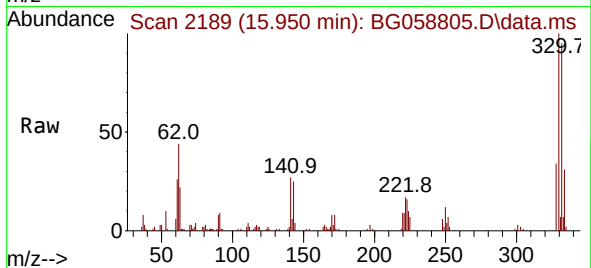




#42
2,4,6-Tribromophenol
Concen: 61.105 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BG058805.D
Acq: 22 Aug 2023 12:18

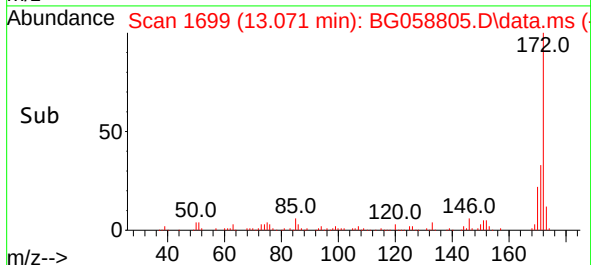
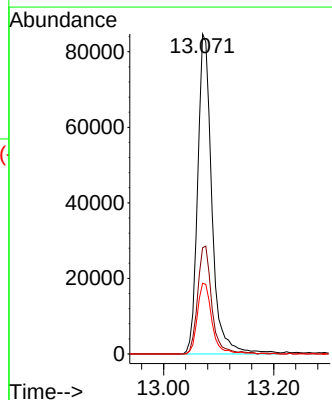
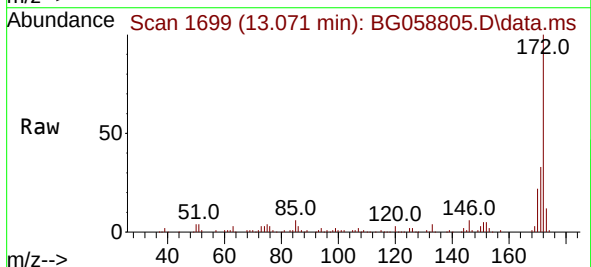
Instrument :
BNA_G
ClientSampleId :

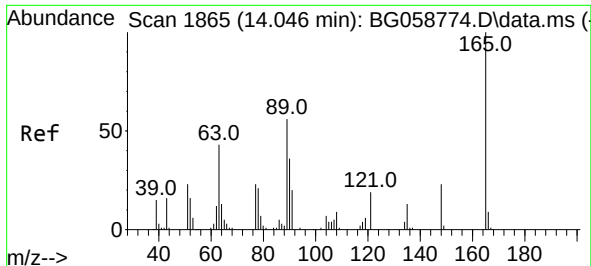
Tgt Ion:330 Resp: 53138
Ion Ratio Lower Upper
330 100
332 97.9 78.5 117.7
141 27.5 23.0 34.6



#45
2-Fluorobiphenyl
Concen: 39.923 ng
RT: 13.071 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BG058805.D
Acq: 22 Aug 2023 12:18

Tgt Ion:172 Resp: 152232
Ion Ratio Lower Upper
172 100
171 33.2 28.1 42.1
170 22.1 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 8.078 ng

RT: 14.457 min Scan# 1935

Delta R.T. 0.411 min

Lab File: BG058805.D

Acq: 22 Aug 2023 12:18

Instrument :

BNA_G

ClientSampleId :

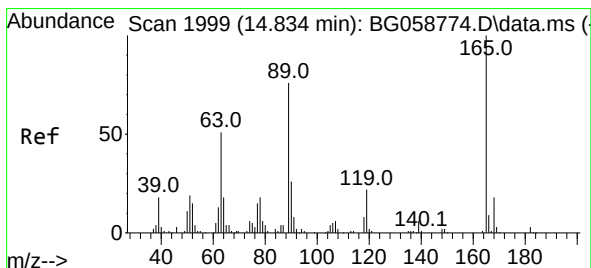
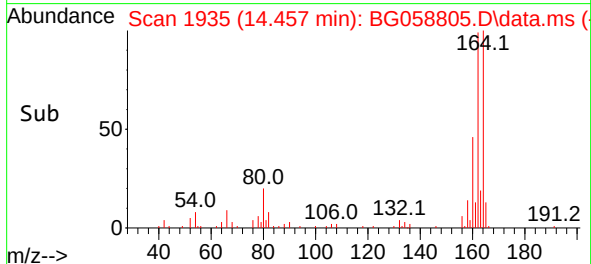
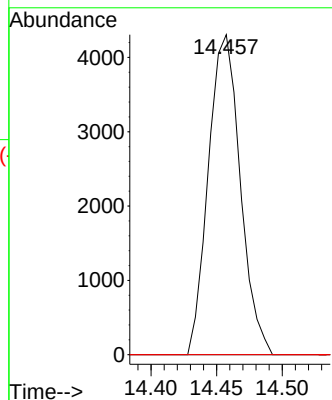
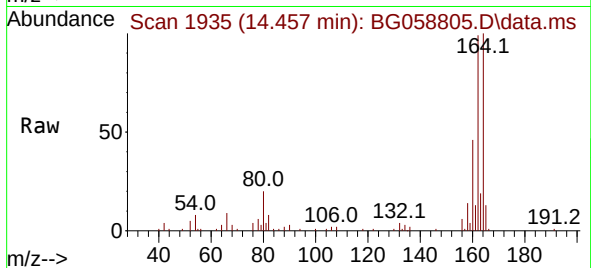
Tgt Ion:165 Resp: 7288

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: 5.792 ng

RT: 14.457 min Scan# 1935

Delta R.T. -0.376 min

Lab File: BG058805.D

Acq: 22 Aug 2023 12:18

Tgt Ion:165 Resp: 7288

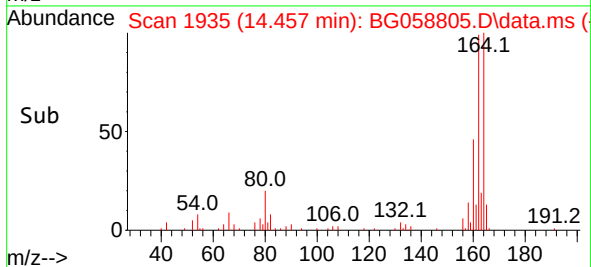
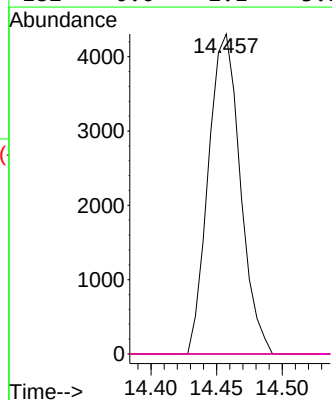
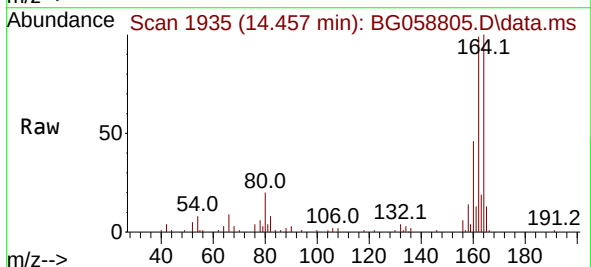
Ion Ratio Lower Upper

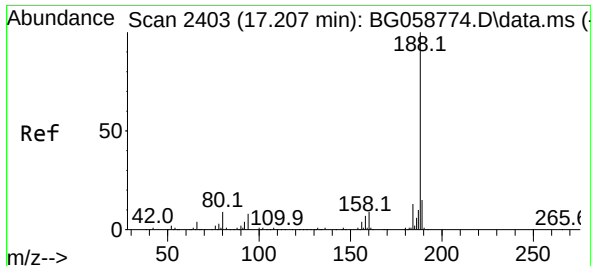
165 100

63 0.0 41.8 62.6#

89 0.0 60.7 91.1#

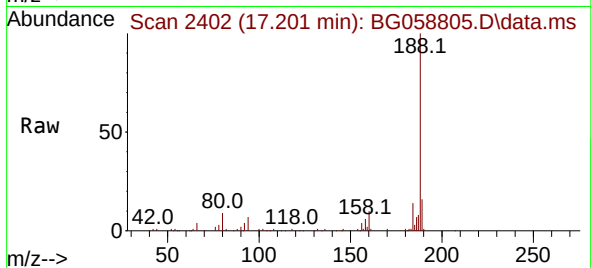
182 0.0 2.1 3.1#



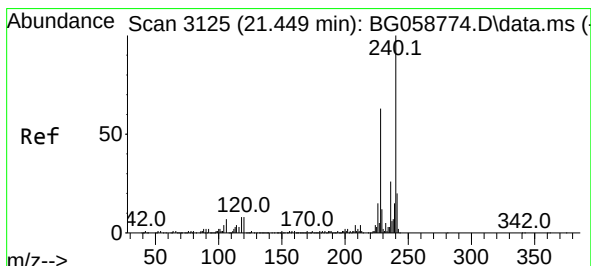
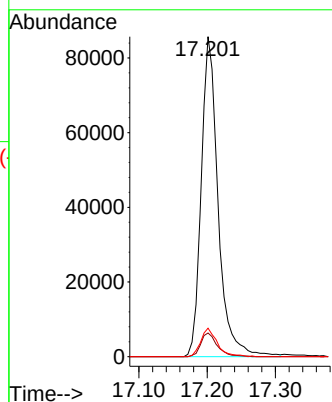
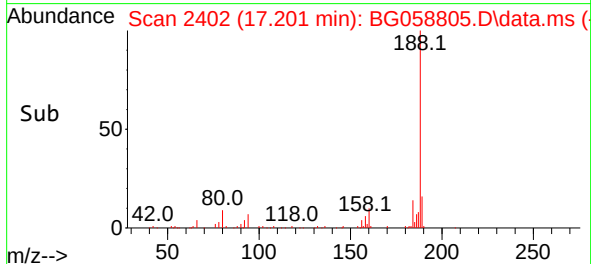


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BG058805.D
Acq: 22 Aug 2023 12:18

Instrument :
BNA_G
ClientSampleId :

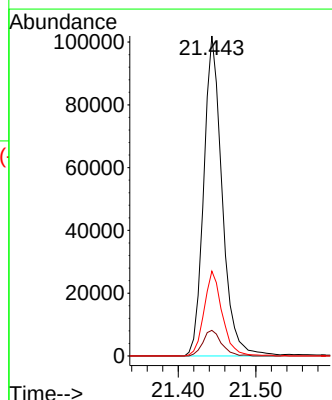
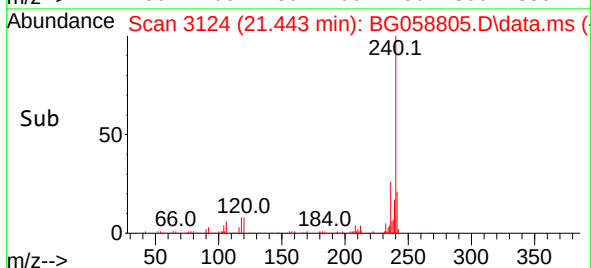
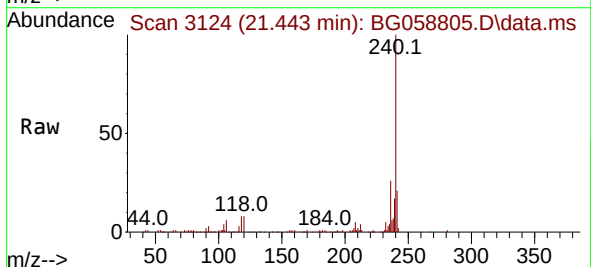


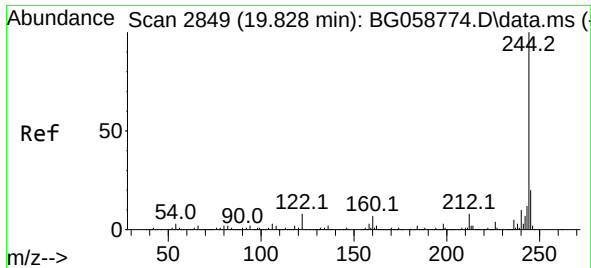
Tgt Ion:188 Resp: 147639
Ion Ratio Lower Upper
188 100
94 7.4 6.1 9.1
80 8.9 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BG058805.D
Acq: 22 Aug 2023 12:18

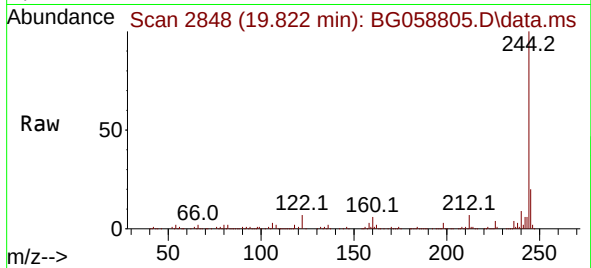
Tgt Ion:240 Resp: 168117
Ion Ratio Lower Upper
240 100
120 8.0 6.2 9.2
236 26.5 20.5 30.7





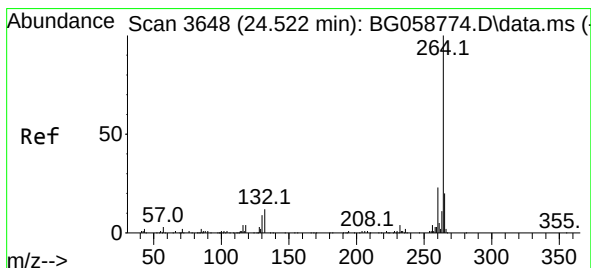
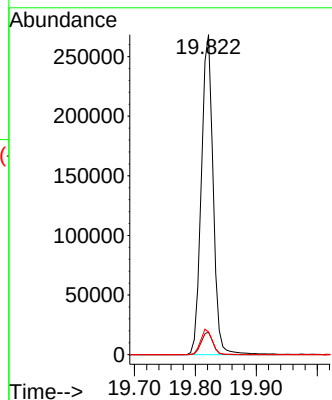
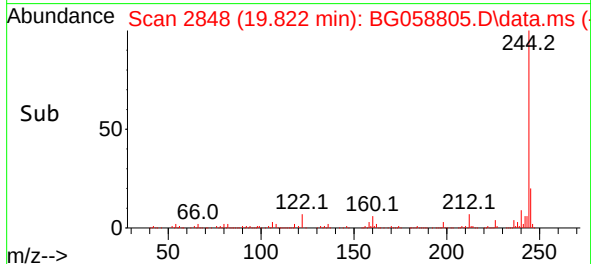
#79
 Terphenyl-d14
 Concen: 38.688 ng
 RT: 19.822 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG058805.D
 Acq: 22 Aug 2023 12:18

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 362227

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.2
122	7.1	6.3	9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.516 min Scan# 3647
 Delta R.T. -0.006 min
 Lab File: BG058805.D
 Acq: 22 Aug 2023 12:18

Tgt Ion:264 Resp: 201584

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	21.7	16.4	24.6

