

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080223\
 Data File : BG058582.D
 Acq On : 2 Aug 2023 17:28
 Operator : MA/JU
 Sample : 03813-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PLAUDERVILLE-2

Quant Time: Aug 03 02:44:09 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)

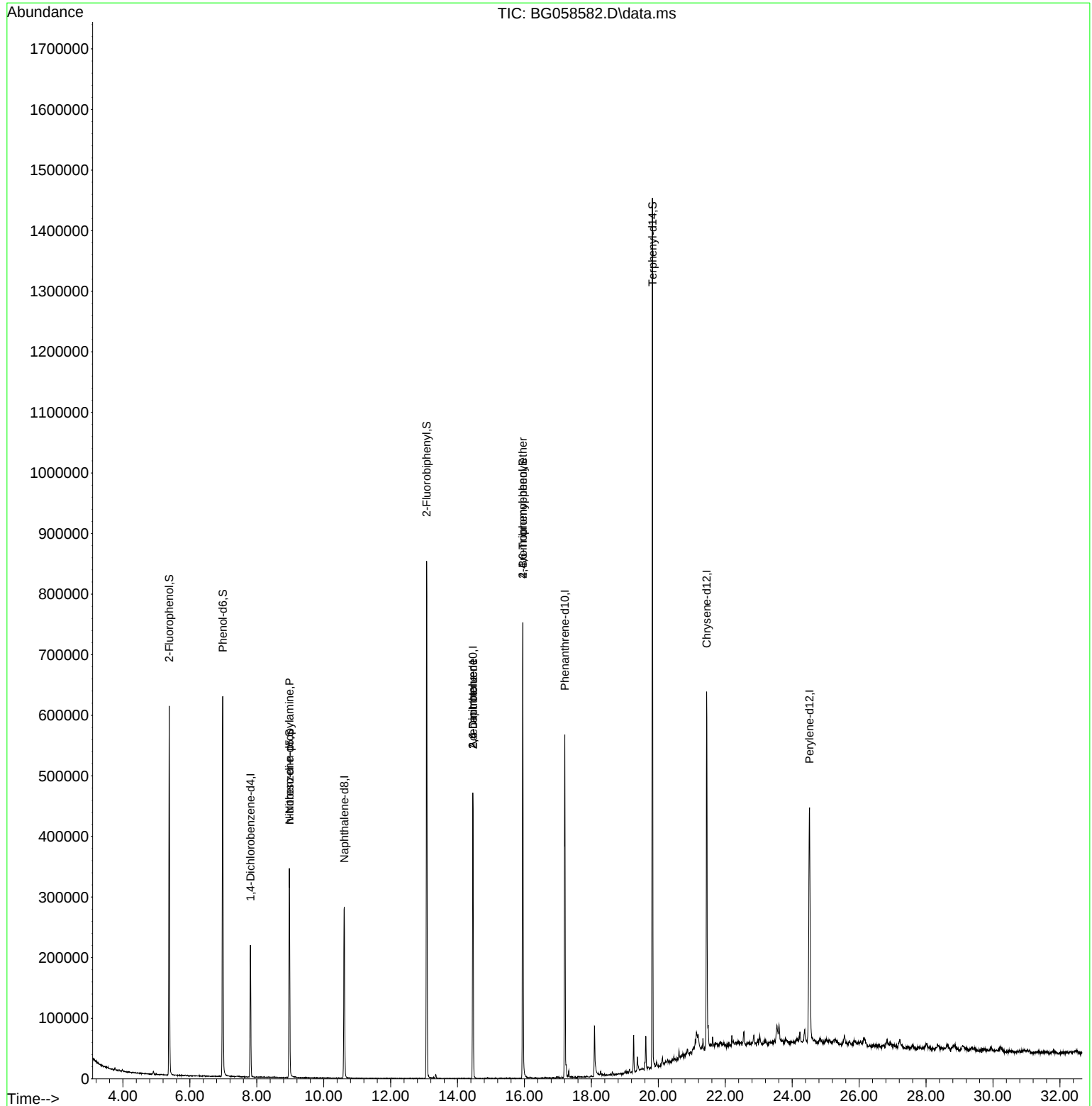
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	58734	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	253143	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	172916	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	377747	20.000	ng	0.00
76) Chrysene-d12	21.443	240	330884	20.000	ng	0.00
86) Perylene-d12	24.516	264	417875	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	255720	66.547	ng	0.00
7) Phenol-d6	6.984	99	384093	71.833	ng	0.00
23) Nitrobenzene-d5	8.975	82	216314	41.978	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	169667	59.864	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	486675	42.178	ng	0.00
79) Terphenyl-d14	19.821	244	762922	43.359	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.975	70	26657	7.718	ng	# 78
51) 2,6-Dinitrotoluene	14.457	165	22500	7.896	ng	# 24
57) 2,4-Dinitrotoluene	14.457	165	22500	5.696	ng	# 24
67) 4-Bromophenyl-phenylether	15.950	248	10338	2.413	ng	# 1

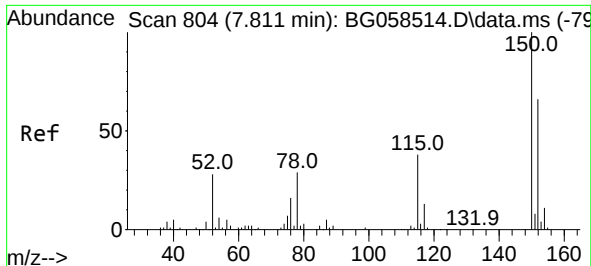
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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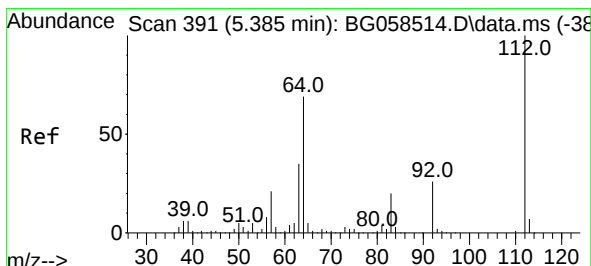
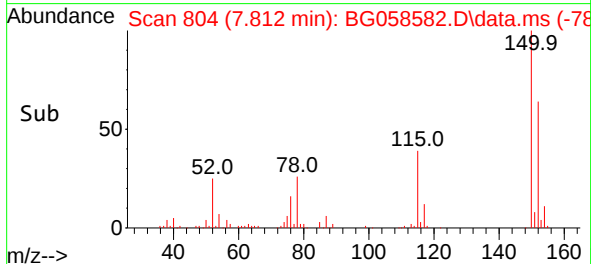
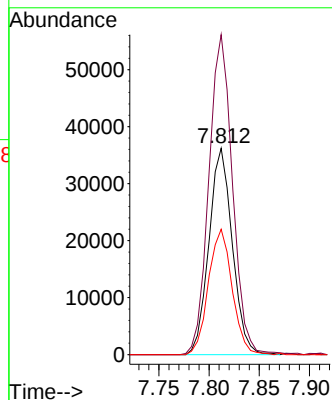
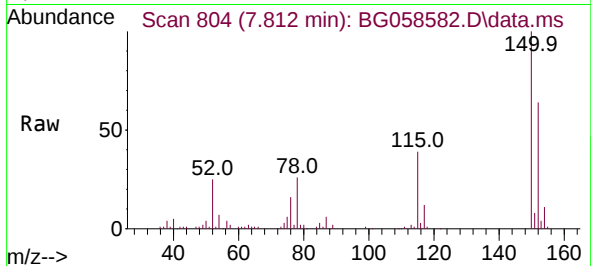




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058582.D
Acq: 2 Aug 2023 17:28

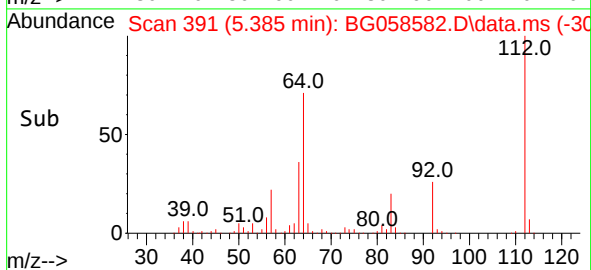
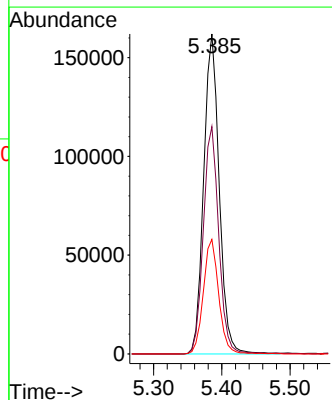
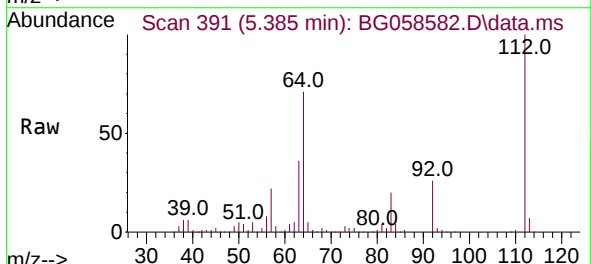
Instrument :
BNA_G
ClientSampleId :
PLAUDERVILLE-2

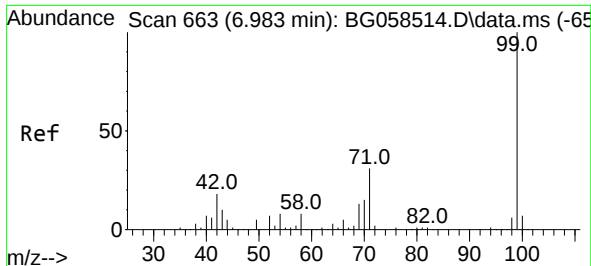
Tgt Ion:152 Resp: 58734
Ion Ratio Lower Upper
152 100
150 155.1 120.5 180.7
115 60.8 45.9 68.9



#5
2-Fluorophenol
Concen: 66.547 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058582.D
Acq: 2 Aug 2023 17:28

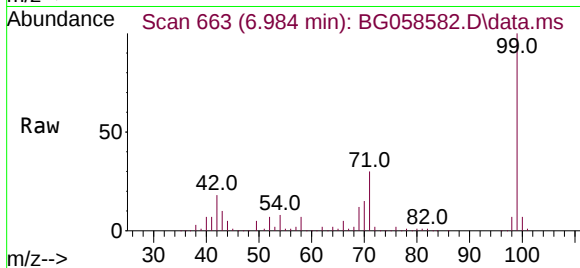
Tgt Ion:112 Resp: 255720
Ion Ratio Lower Upper
112 100
64 71.0 55.3 82.9
63 35.8 28.3 42.5



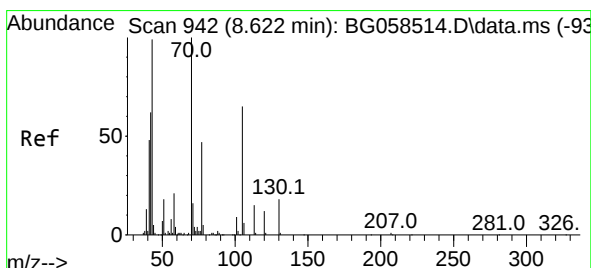
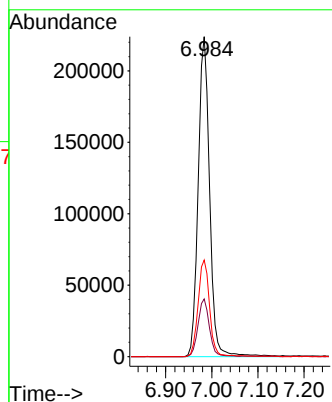
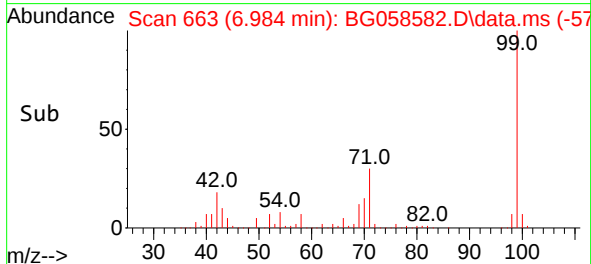


#7
Phenol-d6
Concen: 71.833 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058582.D
Acq: 2 Aug 2023 17:28

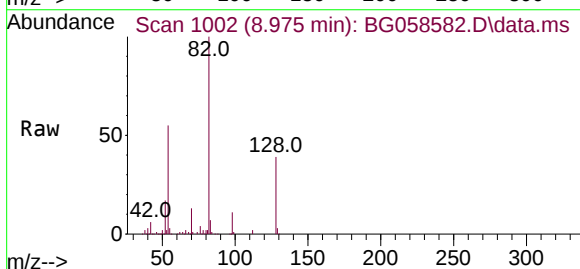
Instrument :
BNA_G
ClientSampleId :
PLAUDERVILLE-2



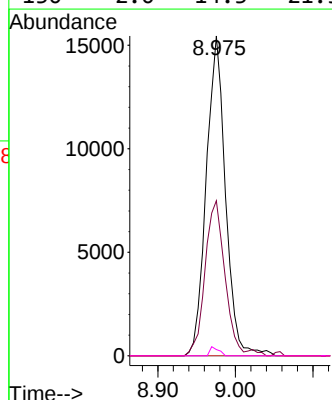
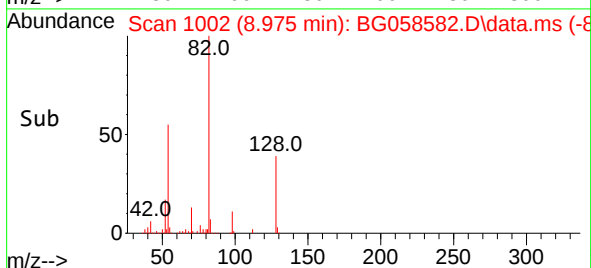
Tgt Ion: 99 Resp: 384093
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 30.2 25.0 37.4

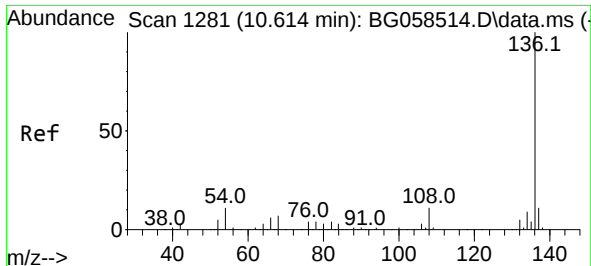


#19
n-Nitroso-di-n-propylamine
Concen: 7.718 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058582.D
Acq: 2 Aug 2023 17:28



Tgt Ion: 70 Resp: 26657
Ion Ratio Lower Upper
70 100
42 48.5 49.7 74.5#
101 0.0 7.0 10.4#
130 2.0 14.3 21.5#

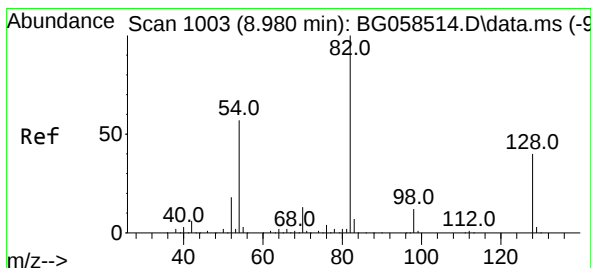
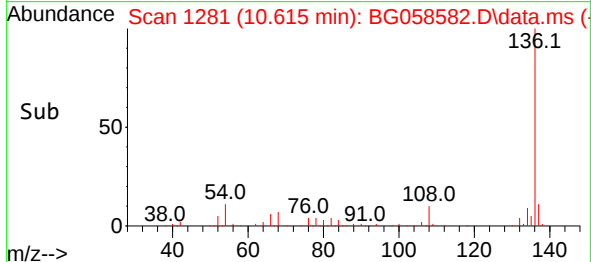
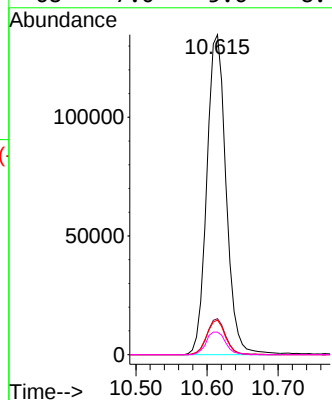
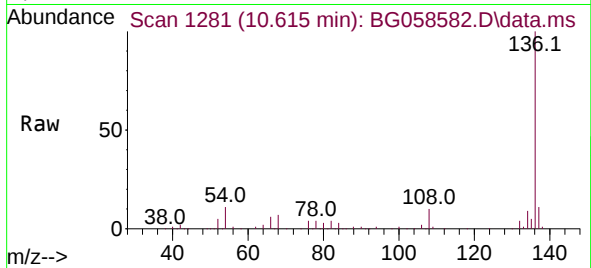




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058582.D
Acq: 2 Aug 2023 17:28

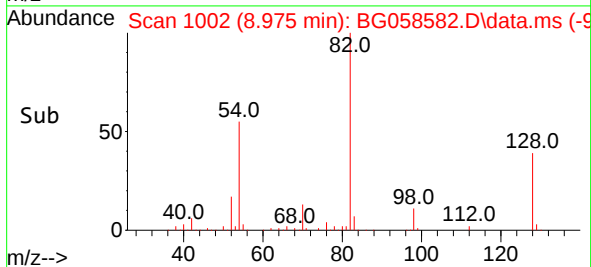
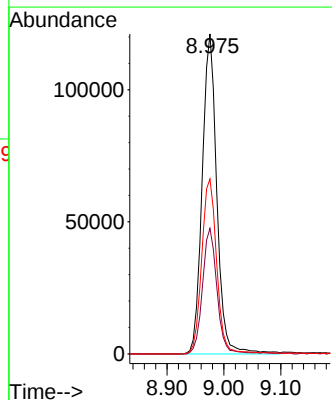
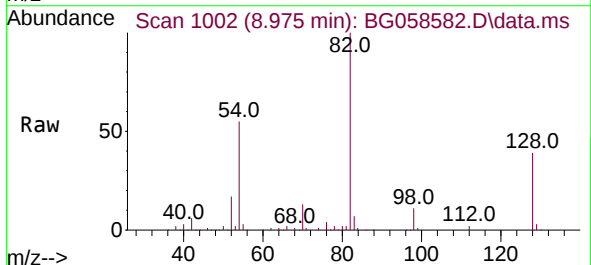
Instrument :
BNA_G
ClientSampleId :
PLAUDERVILLE-2

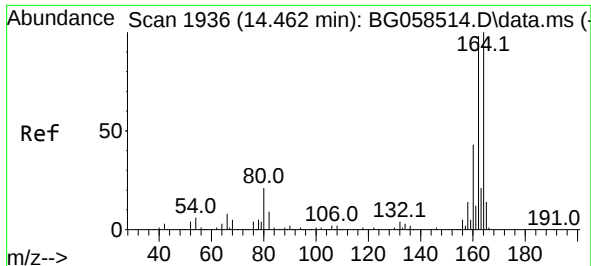
Tgt	Ion:136	Resp:	253143
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	10.8	8.9	13.3
68	7.0	5.6	8.4



#23
Nitrobenzene-d5
Concen: 41.978 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058582.D
Acq: 2 Aug 2023 17:28

Tgt Ion: 82	Resp: 216314
Ion Ratio	Lower Upper
82 100	
128 39.2	32.2 48.2
54 54.7	46.0 69.0

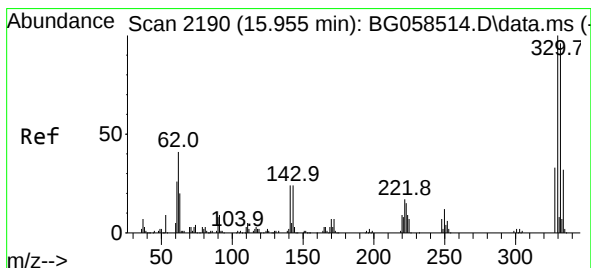
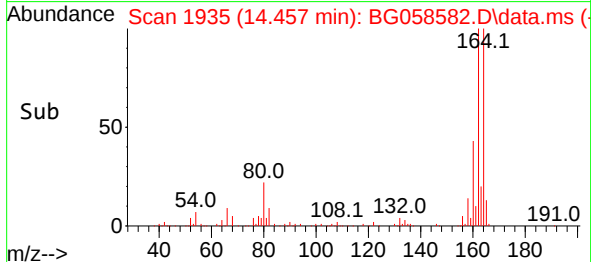
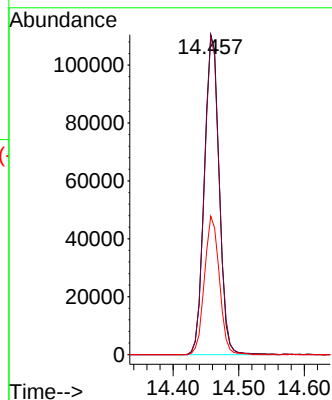
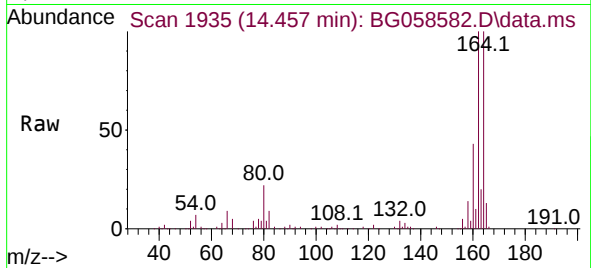




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058582.D
Acq: 2 Aug 2023 17:28

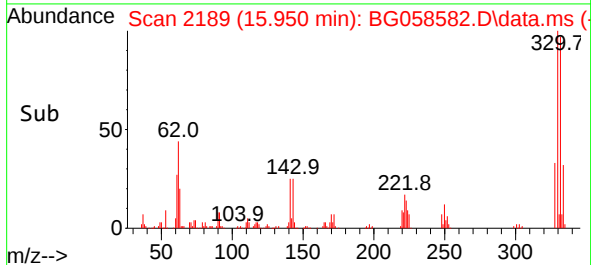
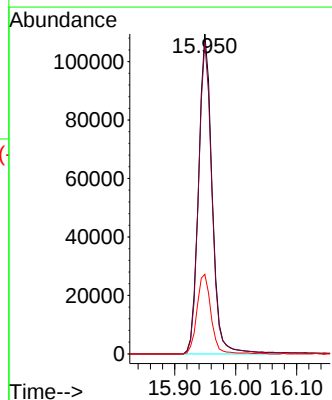
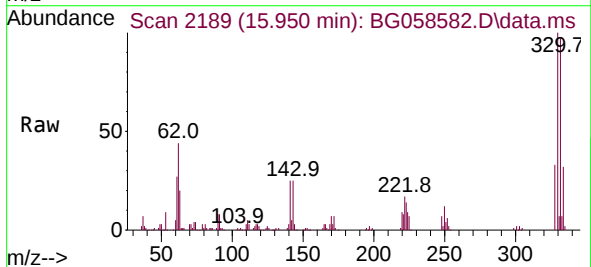
Instrument :
BNA_G
ClientSampleId :
PLAUDERVILLE-2

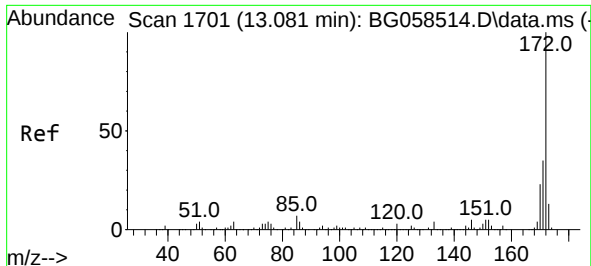
Tgt Ion:164 Resp: 172916
Ion Ratio Lower Upper
164 100
162 99.6 78.3 117.5
160 43.3 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 59.864 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BG058582.D
Acq: 2 Aug 2023 17:28

Tgt Ion:330 Resp: 169667
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 25.6 20.7 31.1

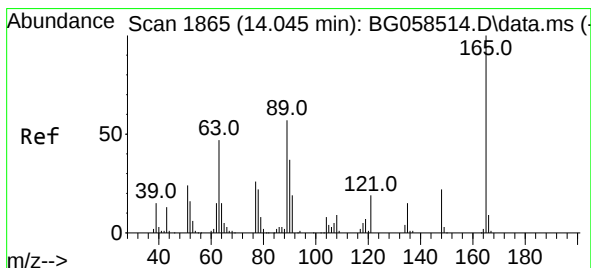
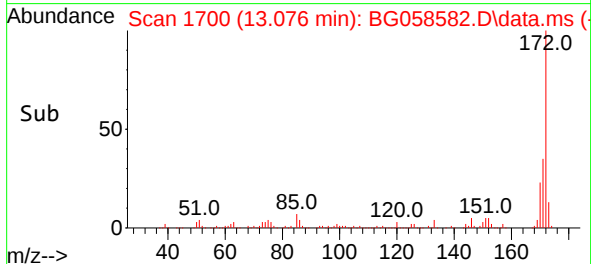
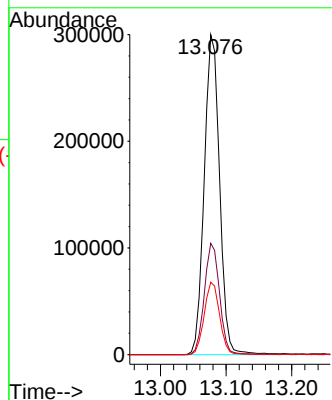
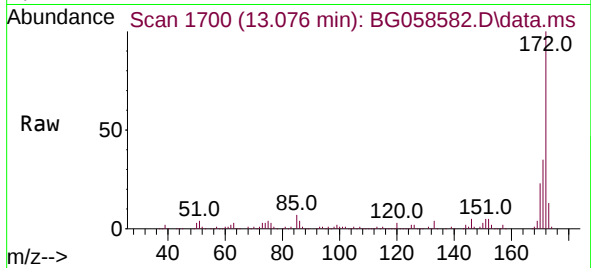




#45
2-Fluorobiphenyl
Concen: 42.178 ng
RT: 13.076 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058582.D
Acq: 2 Aug 2023 17:28

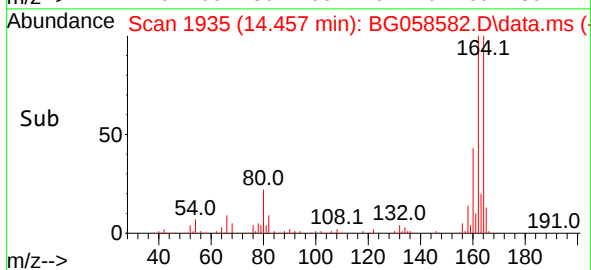
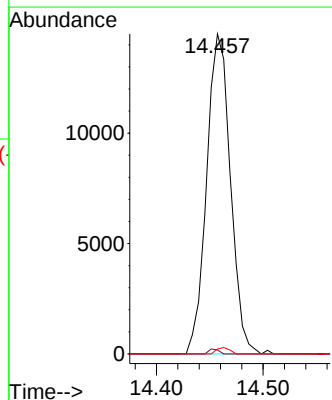
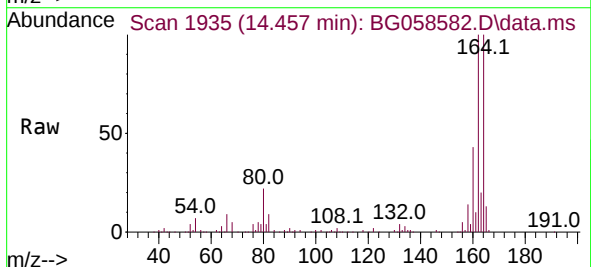
Instrument :
BNA_G
ClientSampleId :
PLAUDERVILLE-2

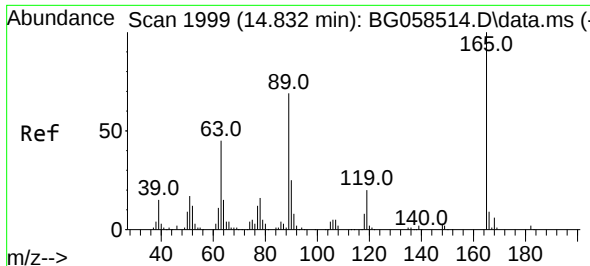
Tgt Ion:172 Resp: 486675
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 22.6 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.896 ng
RT: 14.457 min Scan# 1935
Delta R.T. 0.412 min
Lab File: BG058582.D
Acq: 2 Aug 2023 17:28

Tgt Ion:165 Resp: 22500
Ion Ratio Lower Upper
165 100
63 1.2 46.4 69.6#
89 1.5 45.3 67.9#

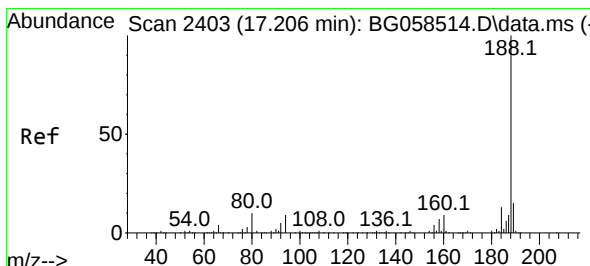
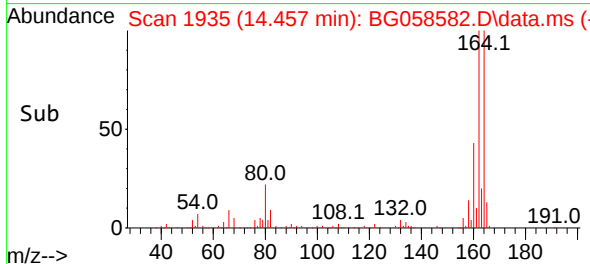
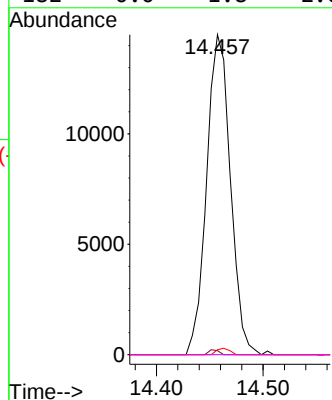
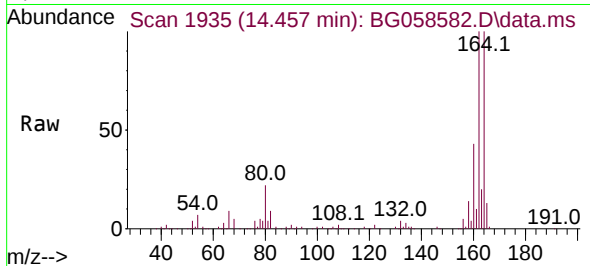




#57
2,4-Dinitrotoluene
Concen: 5.696 ng
RT: 14.457 min Scan# 1999
Delta R.T. -0.375 min
Lab File: BG058582.D
Acq: 2 Aug 2023 17:28

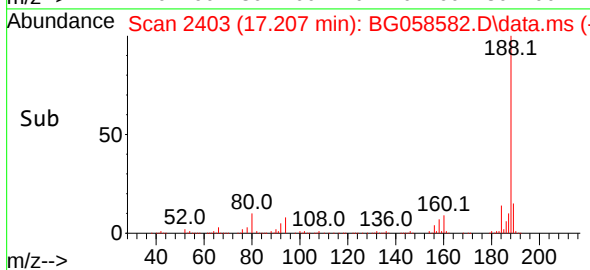
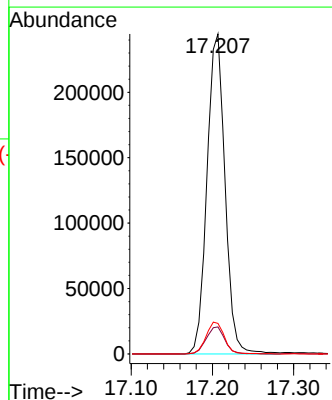
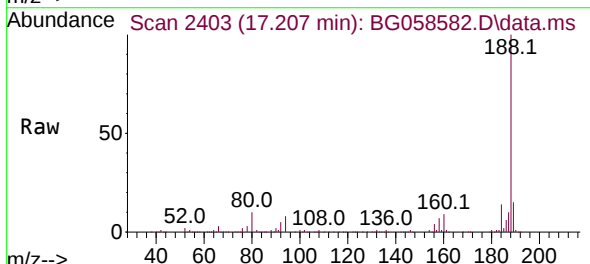
Instrument :
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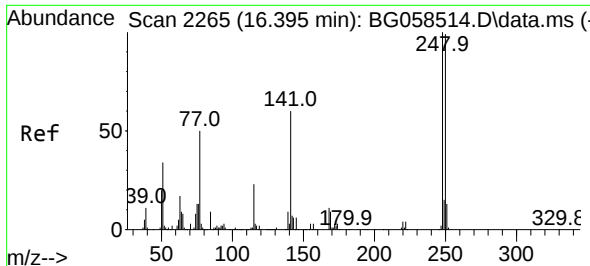
Tgt Ion:165	Resp:	22500
Ion Ratio	Lower	Upper
165	100	
63	1.2	36.6 54.8#
89	1.5	55.4 83.0#
182	0.0	1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058582.D
Acq: 2 Aug 2023 17:28

Tgt Ion:188	Resp:	377747
Ion Ratio	Lower	Upper
188	100	
94	8.4	7.0 10.6
80	9.5	8.1 12.1

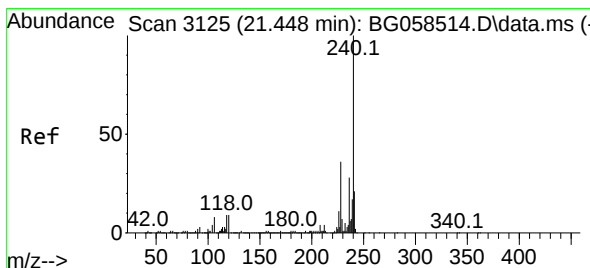
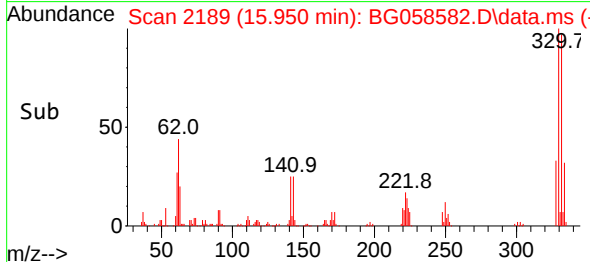
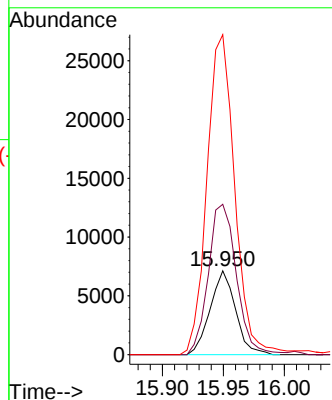
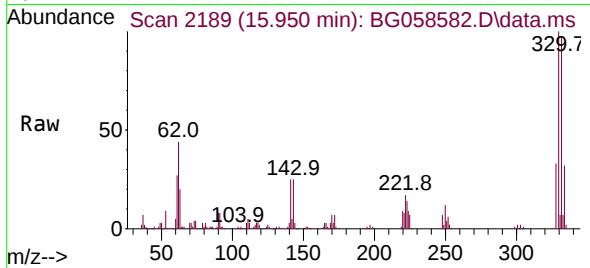




#67
4-Bromophenyl-phenylether
Concen: 2.413 ng
RT: 15.950 min Scan# 2119
Delta R.T. -0.446 min
Lab File: BG058582.D
Acq: 2 Aug 2023 17:28

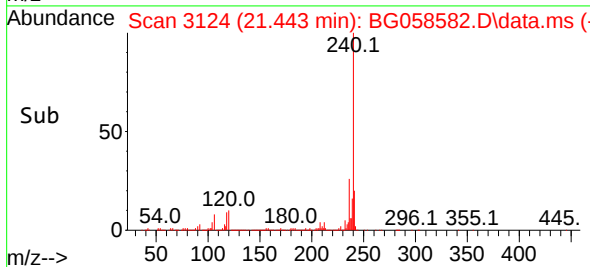
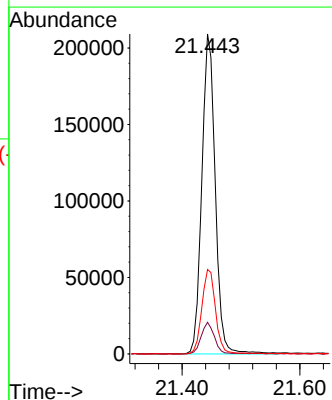
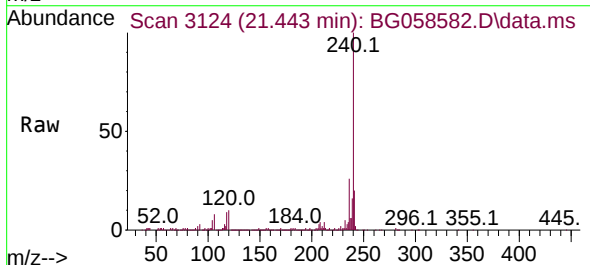
Instrument :
BNA_G
ClientSampleId :
PLAUDERVILLE-2

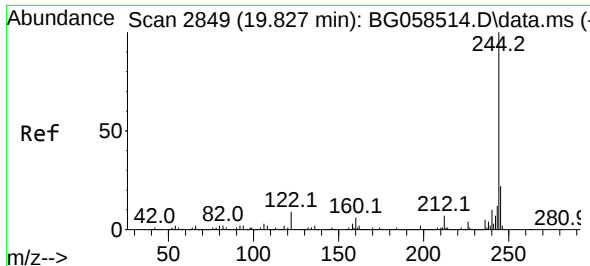
Tgt Ion:248 Resp: 10338
Ion Ratio Lower Upper
248 100
250 179.4 79.5 119.3#
141 382.1 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.005 min
Lab File: BG058582.D
Acq: 2 Aug 2023 17:28

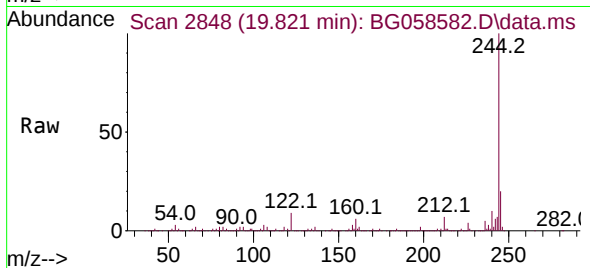
Tgt Ion:240 Resp: 330884
Ion Ratio Lower Upper
240 100
120 9.9 7.4 11.0
236 26.4 22.2 33.4



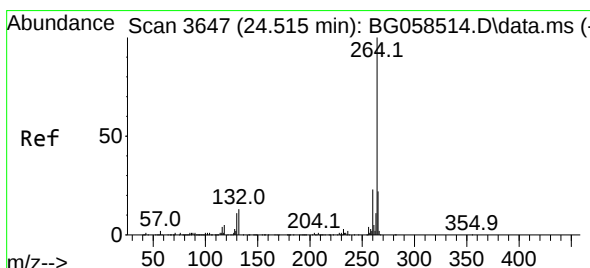
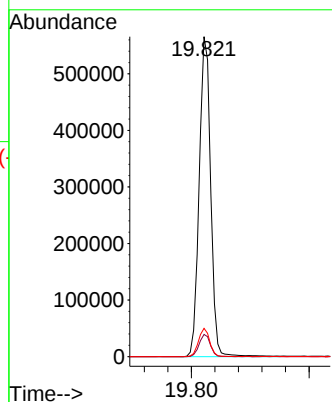
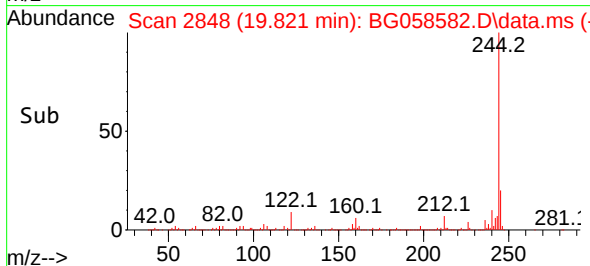


#79
 Terphenyl-d14
 Concen: 43.359 ng
 RT: 19.821 min Scan# 2848
 Delta R.T. -0.005 min
 Lab File: BG058582.D
 Acq: 2 Aug 2023 17:28

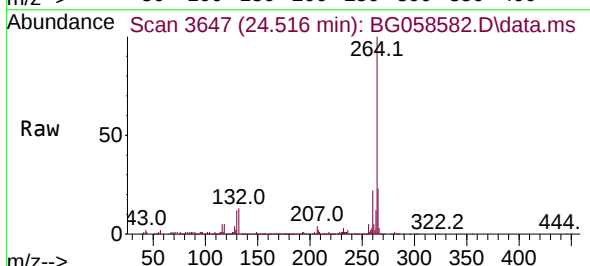
Instrument :
 BNA_G
 ClientSampleId :
 PLAUDERVILLE-2



Tgt Ion:244 Resp: 762922
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 8.8 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: BG058582.D
 Acq: 2 Aug 2023 17:28



Tgt Ion:264 Resp: 417875
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.4 27.6
 265 22.6 17.9 26.9

