

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

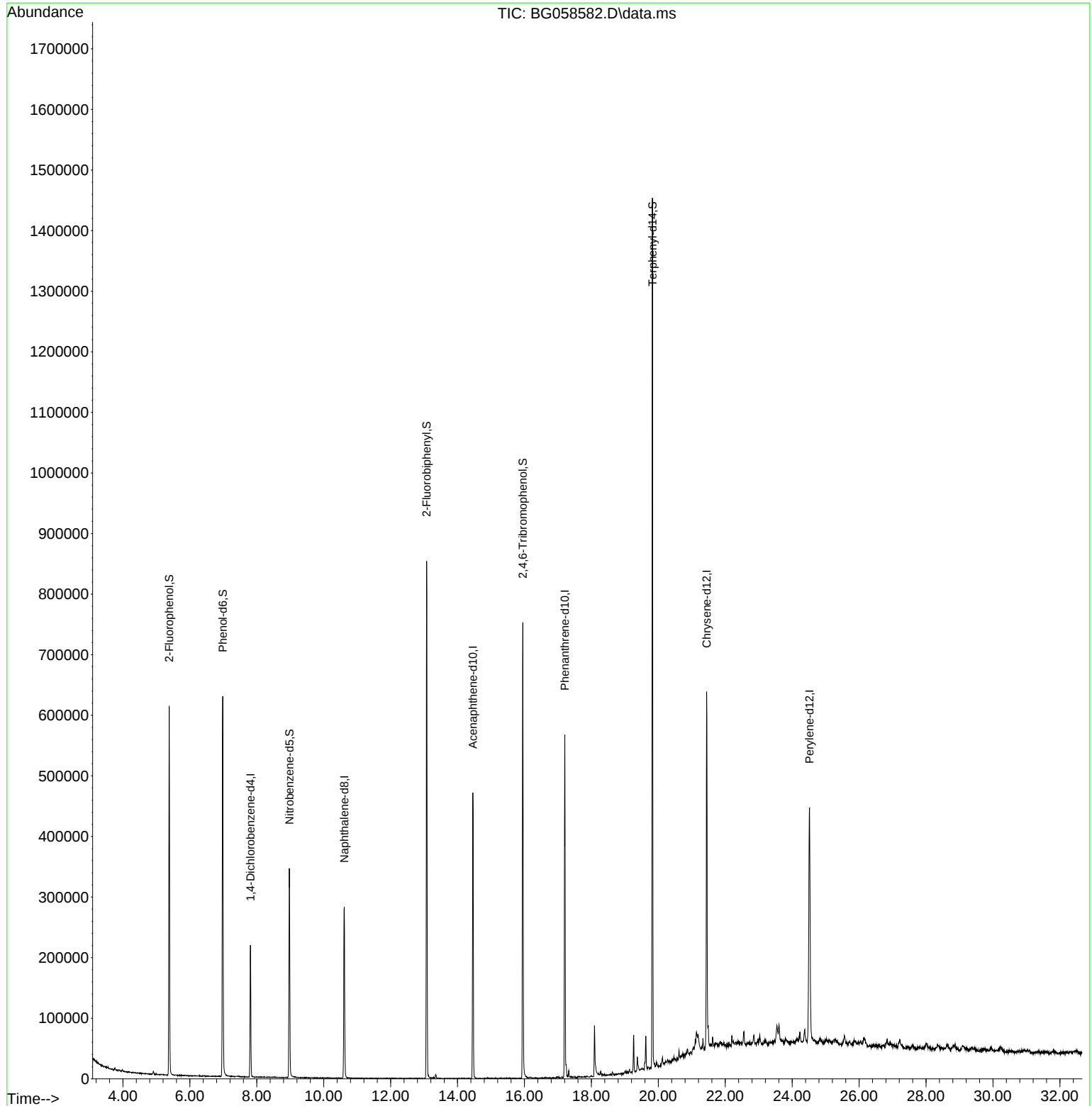
Target Compounds	Qvalue

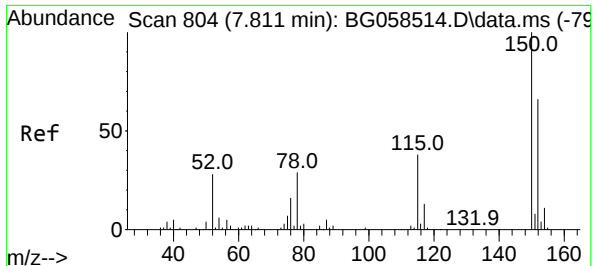
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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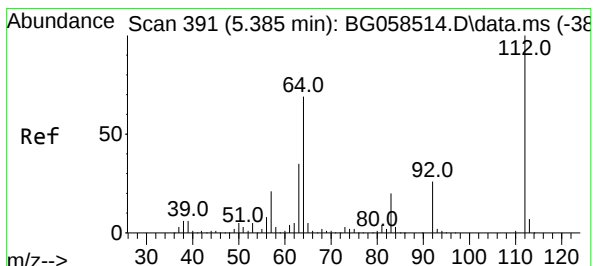
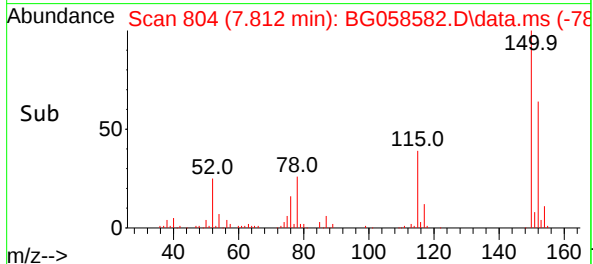
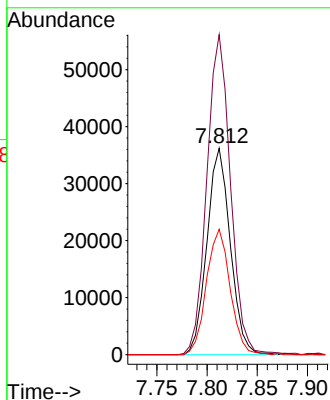
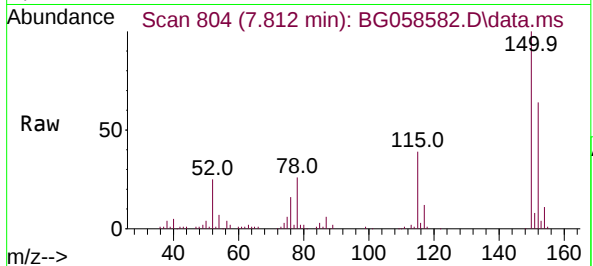




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058582.D
Acq: 2 Aug 2023 17:28

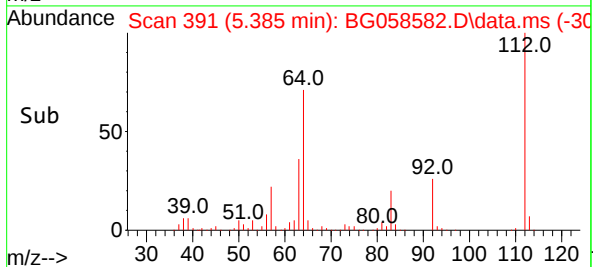
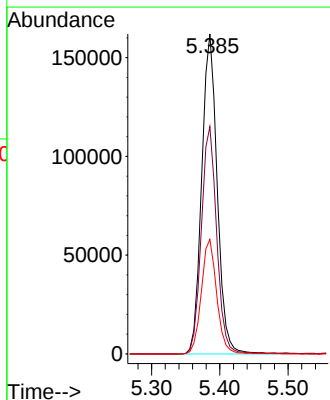
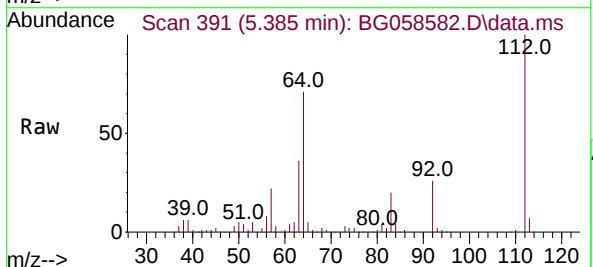
Instrument :
BNA_G
ClientSampleId :
PLAUDERVILLE-2

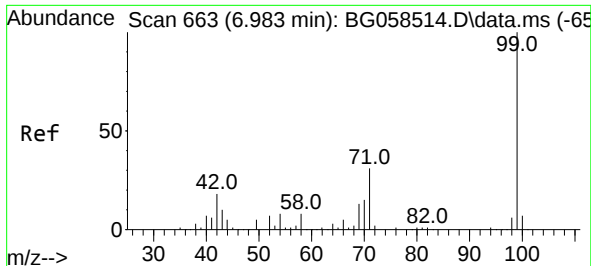
Tgt Ion:152 Resp: 58734
Ion Ratio Lower Upper
152 100
150 155.1 120.5 180.7
115 60.8 45.9 68.9



#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

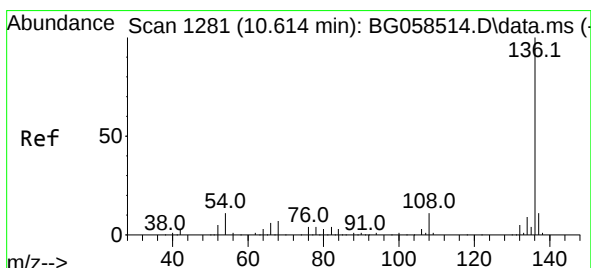
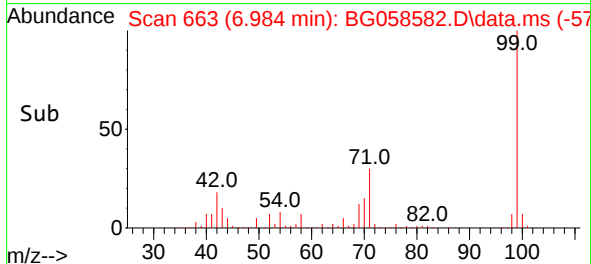
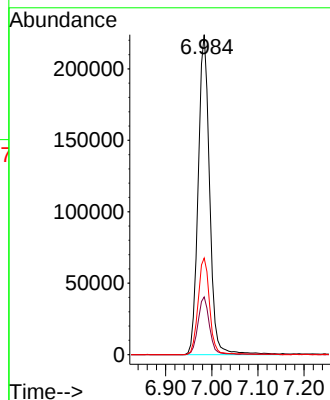
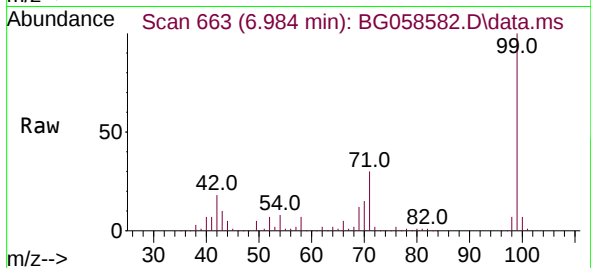




#7
Phenol-d6
Concen: 71.833 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058582.D
Acq: 2 Aug 2023 17:28

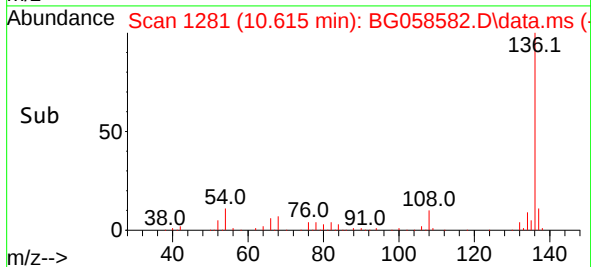
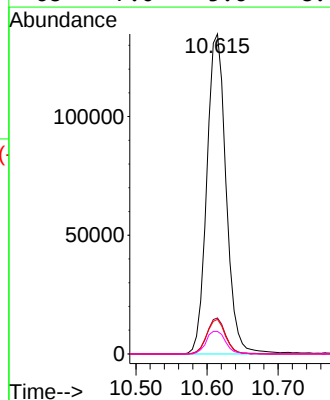
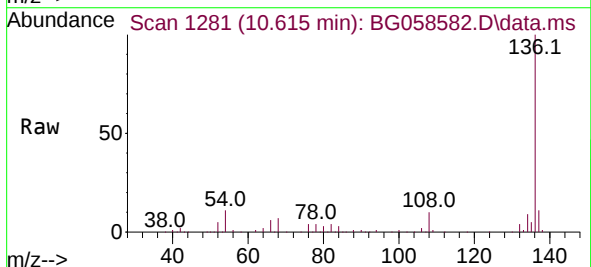
Instrument :
BNA_G
ClientSampleId :
PLAUDERVILLE-2

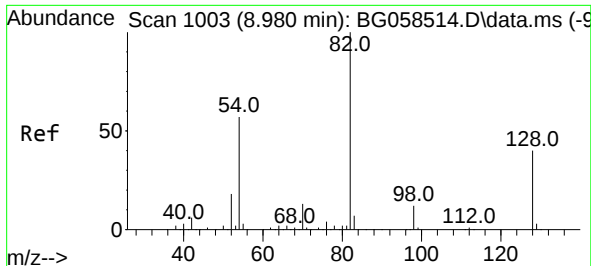
Tgt Ion: 99 Resp: 384093
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 30.2 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058582.D
Acq: 2 Aug 2023 17:28

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

Instrument :

BNA_G

ClientSampleId :

PLAUDERVILLE-2

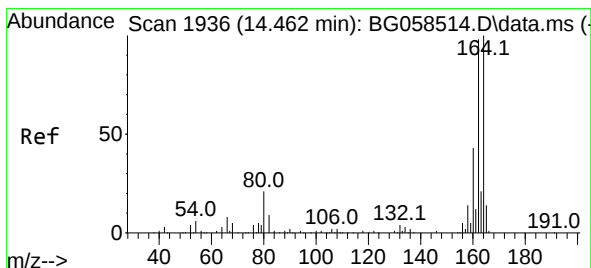
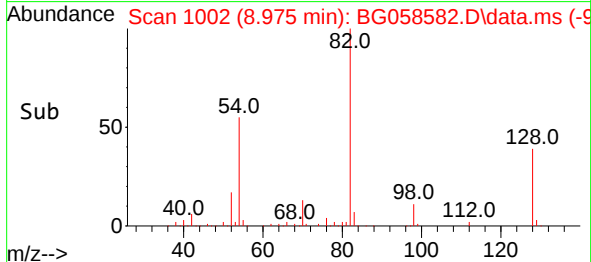
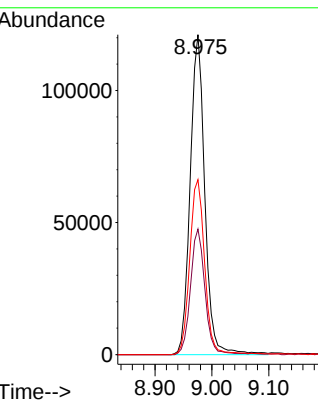
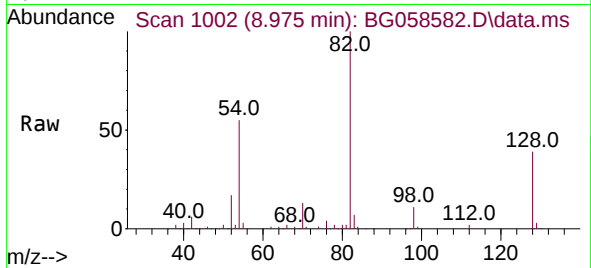
Tgt Ion: 82 Resp: 216314

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

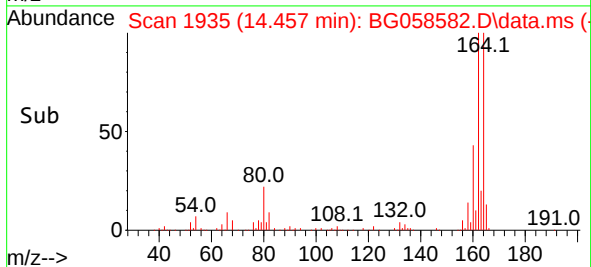
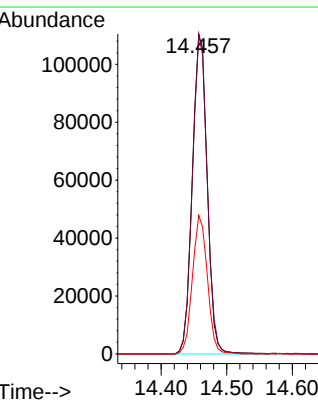
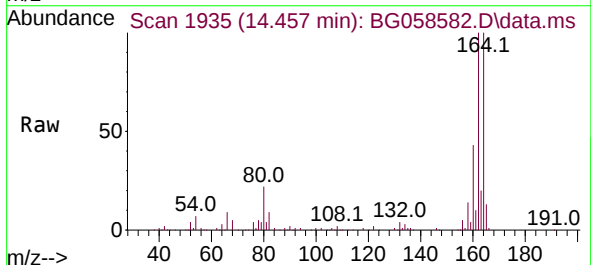
Tgt Ion:164 Resp: 172916

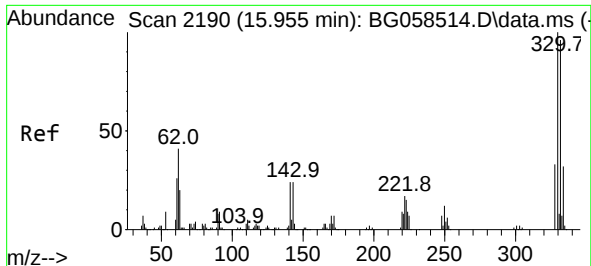
Ion Ratio Lower Upper

164 100

162 99.6 78.3 117.5

160 43.3 34.1 51.1

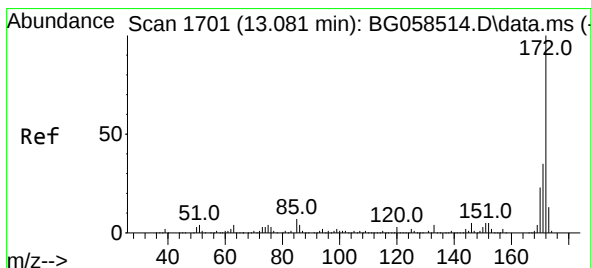
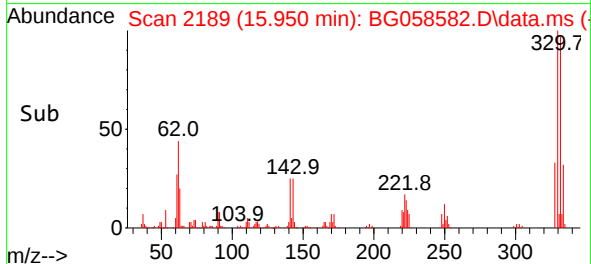
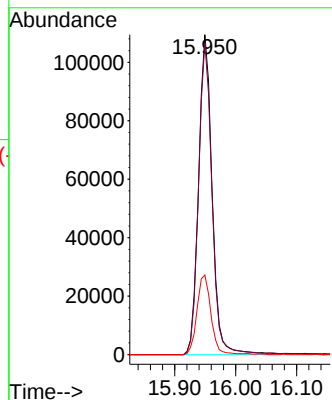
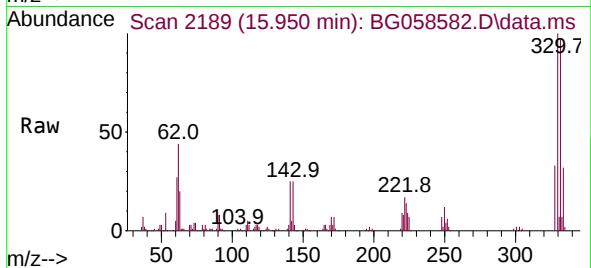




#42
2,4,6-Tribromophenol
Concen: 59.864 ng
RT: 15.950 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG058582.D
Acq: 2 Aug 2023 17:28

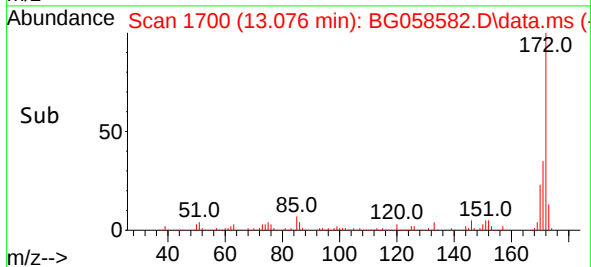
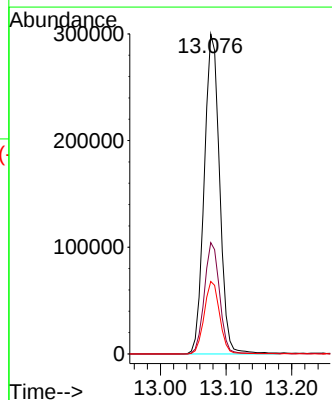
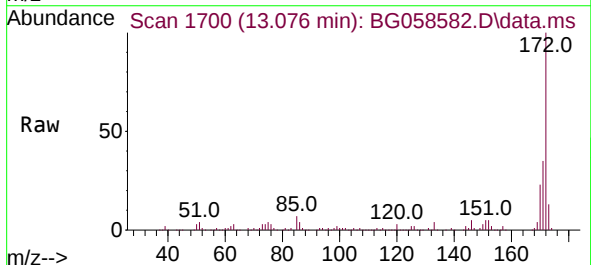
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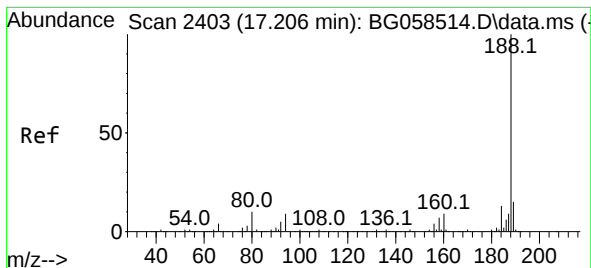
Tgt Ion:330 Resp: 169667
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 25.6 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 42.178 ng
RT: 13.076 min Scan# 1700
Delta R.T. -0.005 min
Lab File: BG058582.D
Acq: 2 Aug 2023 17:28

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 24

Delta R.T. 0.001 min

Lab File: BG058582.D

Acq: 2 Aug 2023 17:28

Instrument :

BNA_G

ClientSampleId :

PLAUDERVILLE-2

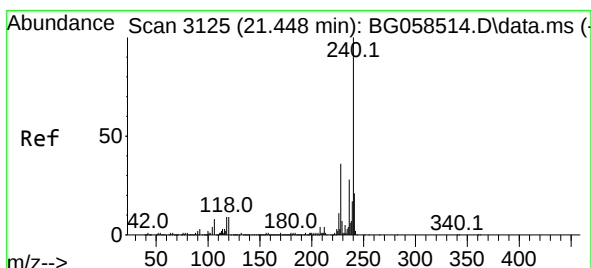
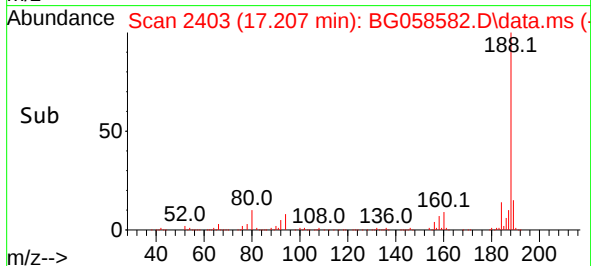
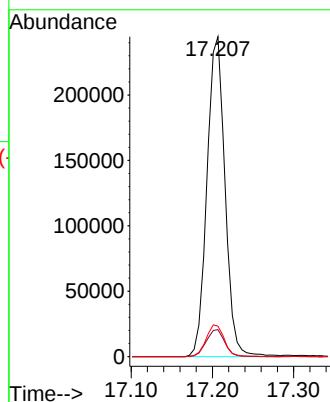
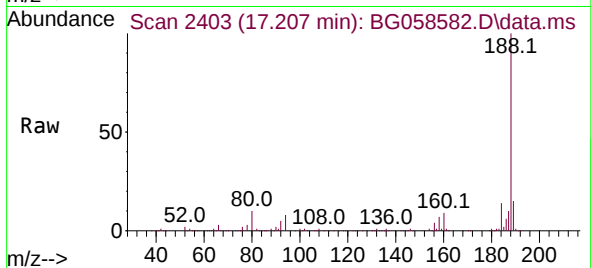
Tgt Ion:188 Resp: 377747

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

80 9.5 8.1 12.1



#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

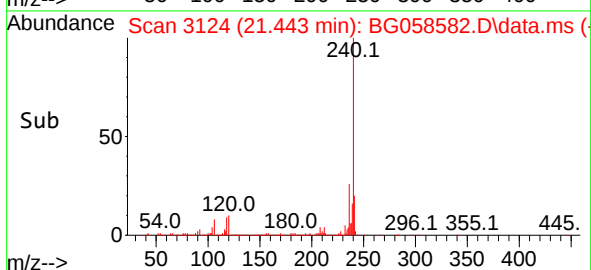
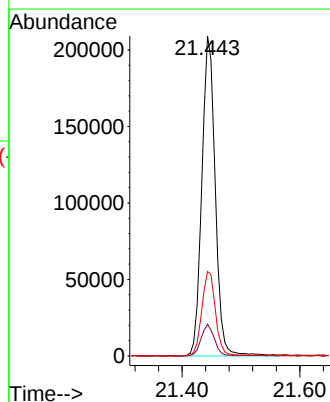
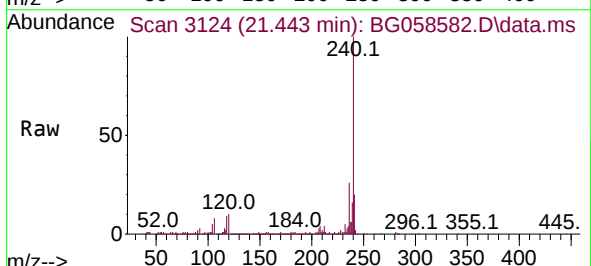
Tgt Ion:240 Resp: 330884

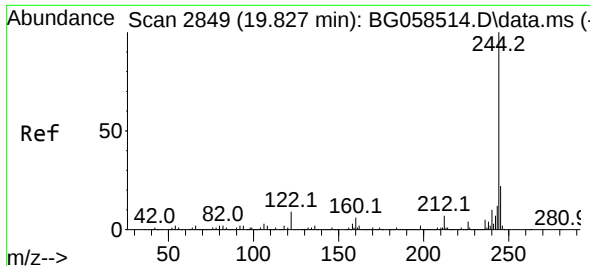
Ion Ratio Lower Upper

240 100

120 9.9 7.4 11.0

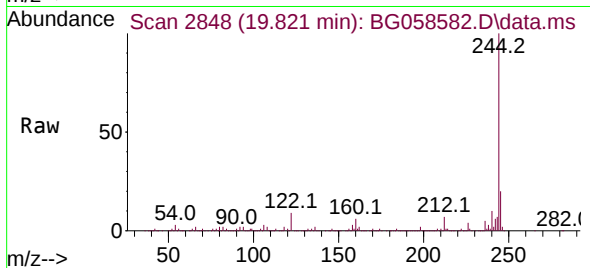
236 26.4 22.2 33.4



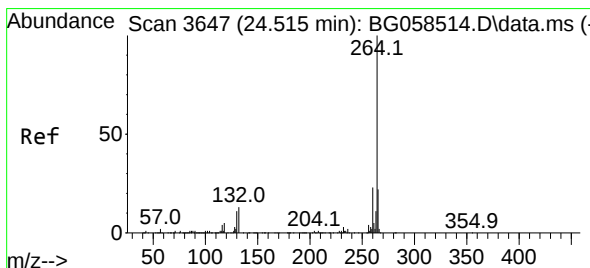
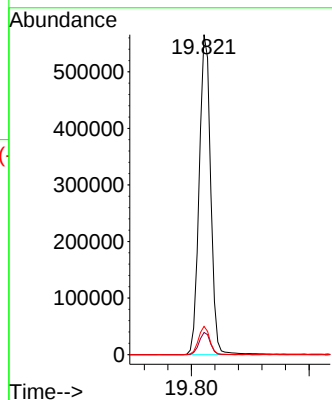
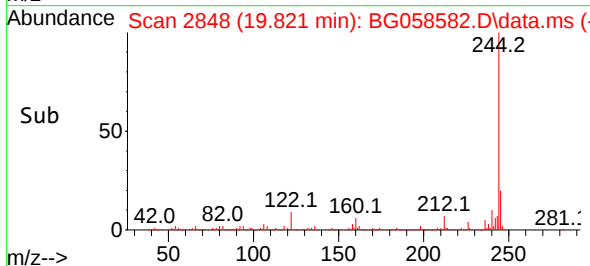


#79
 Terphenyl-d14
 Concen: 43.359 ng
 RT: 19.821 min Scan# 2848
 Delta R.T. -0.005 min
 Lab File: BG058582.D
 Acq: 2 Aug 2023 17:28

Instrument :
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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

