

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
 Data File : BG058666.D
 Acq On : 9 Aug 2023 20:03
 Operator : MA/JU
 Sample : 03943-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-PP21B

Quant Time: Aug 10 02:55:53 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	7.809	152	35773	20.000	ng	0.00
21) Naphthalene-d8	10.617	136	155930	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	120255	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	298220	20.000	ng	0.00
76) Chrysene-d12	21.446	240	276770	20.000	ng	0.00
86) Perylene-d12	24.519	264	330121	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	195993	83.741	ng	0.00
7) Phenol-d6	6.980	99	277156	85.103	ng	0.00
23) Nitrobenzene-d5	8.972	82	161045	50.737	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	142308	72.199	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	399866	49.830	ng	0.00
79) Terphenyl-d14	19.824	244	772689	52.501	ng	0.00

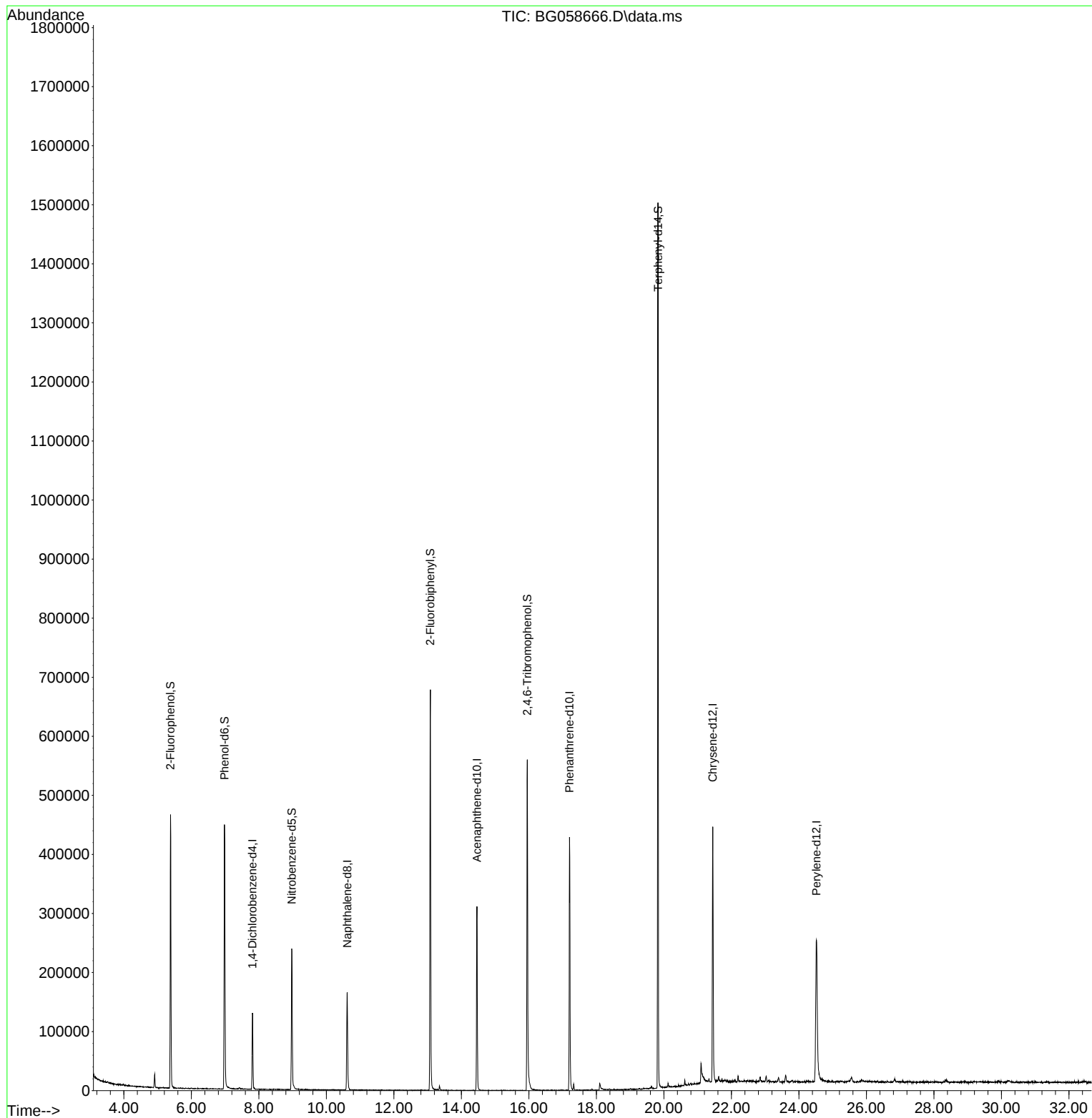
Target Compounds	Qvalue

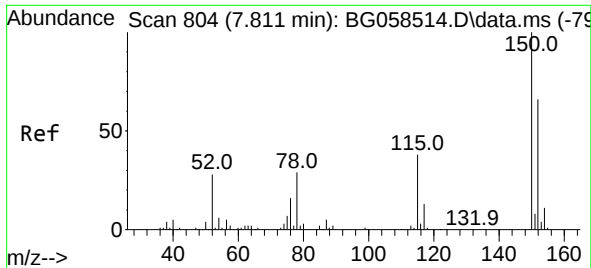
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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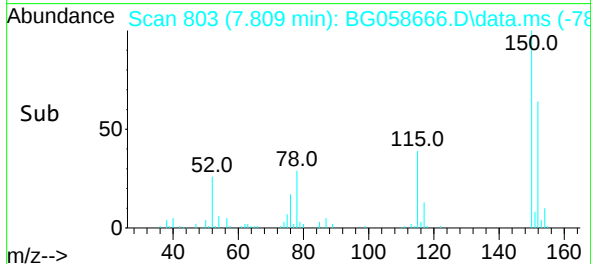
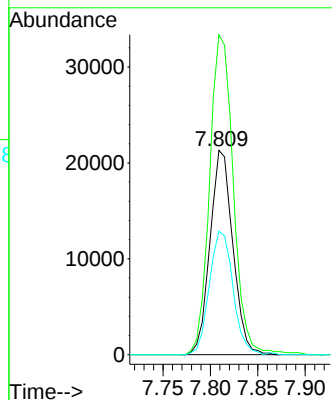
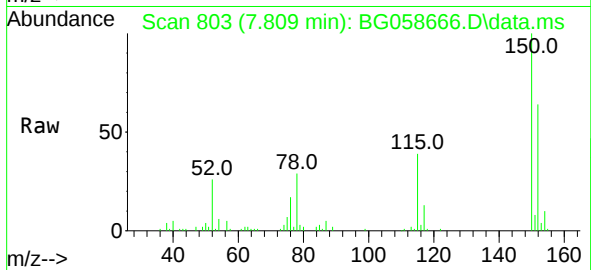




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.809 min Scan# 804
Delta R.T. -0.002 min
Lab File: BG058666.D
Acq: 9 Aug 2023 20:03

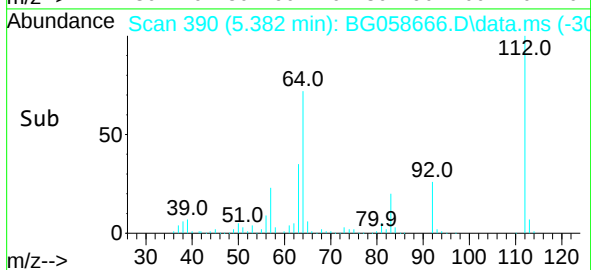
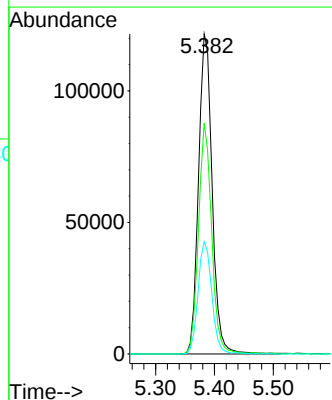
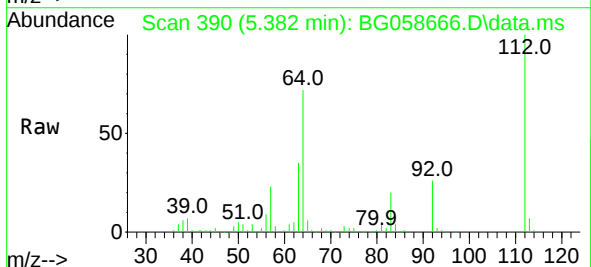
Instrument :
BNA_G
ClientSampleId :
B-PP21B

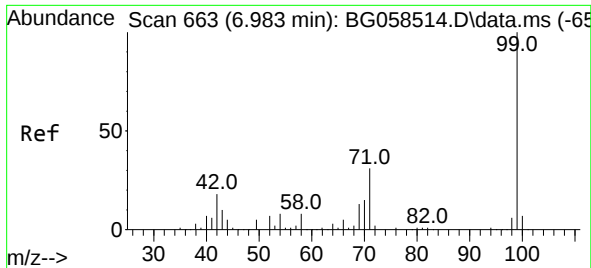
Tgt Ion:152 Resp: 35773
Ion Ratio Lower Upper
152 100
150 156.7 120.5 180.7
115 60.4 45.9 68.9



#5
2-Fluorophenol
Concen: 83.741 ng
RT: 5.382 min Scan# 390
Delta R.T. -0.002 min
Lab File: BG058666.D
Acq: 9 Aug 2023 20:03

Tgt Ion:112 Resp: 195993
Ion Ratio Lower Upper
112 100
64 72.1 55.3 82.9
63 35.0 28.3 42.5

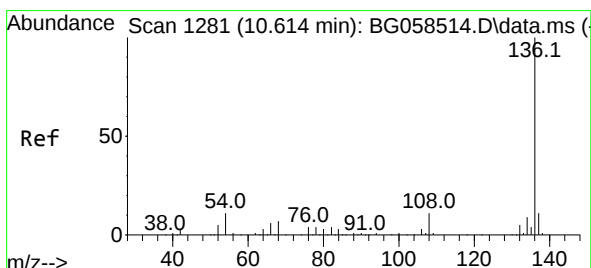
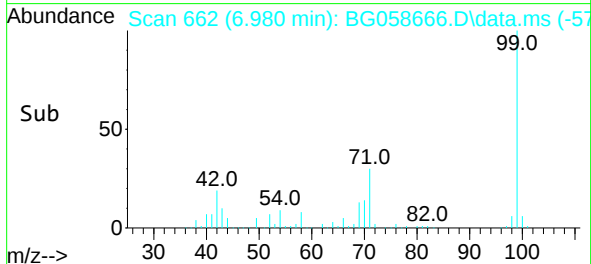
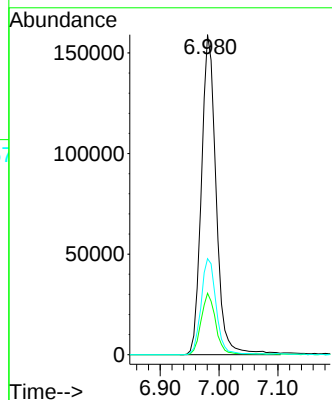
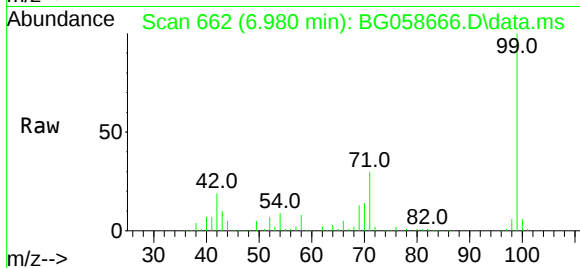




#7
Phenol-d6
Concen: 85.103 ng
RT: 6.980 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG058666.D
Acq: 9 Aug 2023 20:03

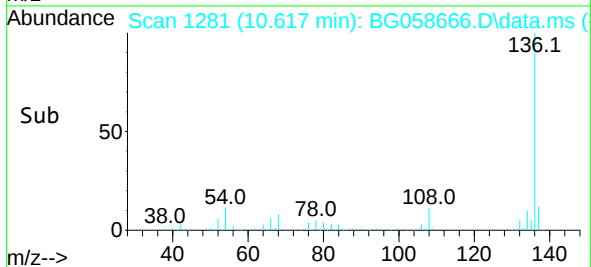
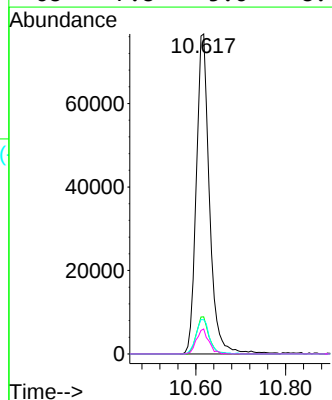
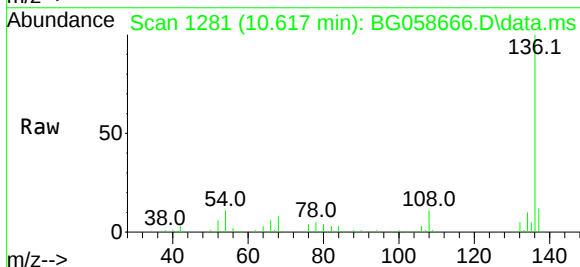
Instrument :
BNA_G
ClientSampleId :
B-PP21B

Tgt Ion: 99 Resp: 277156
Ion Ratio Lower Upper
99 100
42 19.2 14.6 21.8
71 30.0 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.617 min Scan# 1281
Delta R.T. 0.004 min
Lab File: BG058666.D
Acq: 9 Aug 2023 20:03

Tgt Ion:136 Resp: 155930
Ion Ratio Lower Upper
136 100
137 11.6 8.6 13.0
54 10.7 8.9 13.3
68 7.8 5.6 8.4

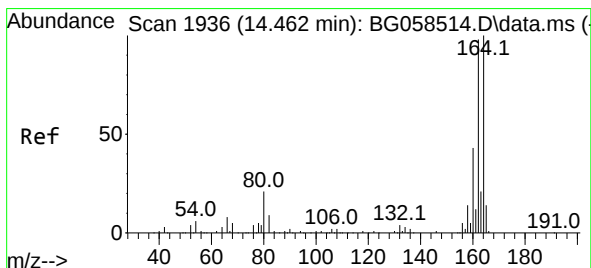
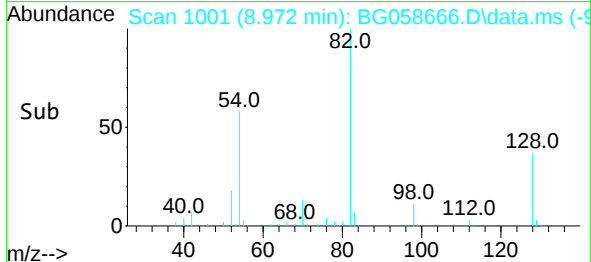
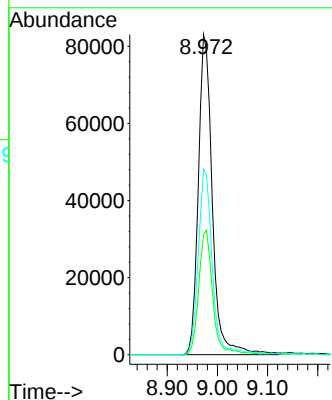
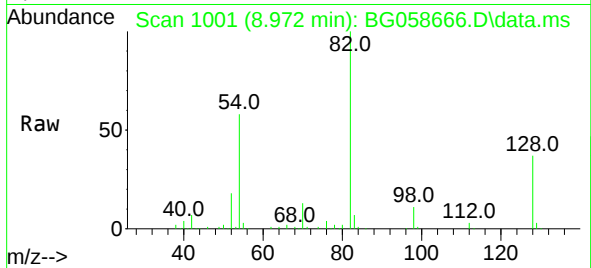




#23
Nitrobenzene-d5
Concen: 50.737 ng
RT: 8.972 min Scan# 1001
Delta R.T. -0.008 min
Lab File: BG058666.D
Acq: 9 Aug 2023 20:03

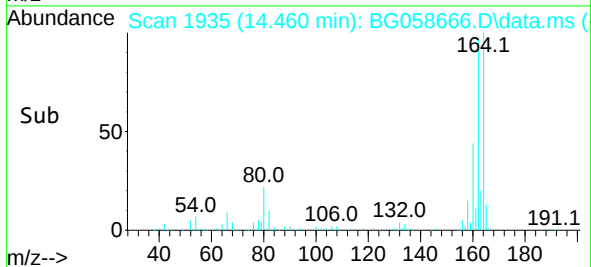
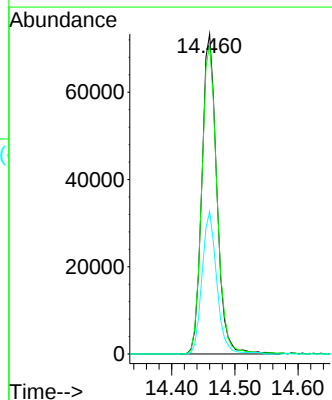
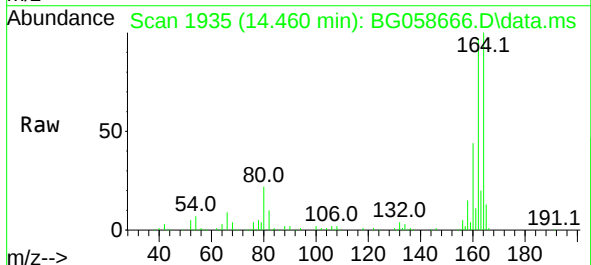
Instrument :
BNA_G
ClientSampleId :
B-PP21B

Tgt Ion: 82 Resp: 161045
Ion Ratio Lower Upper
82 100
128 37.5 32.2 48.2
54 58.0 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1935
Delta R.T. -0.002 min
Lab File: BG058666.D
Acq: 9 Aug 2023 20:03

Tgt Ion:164 Resp: 120255
Ion Ratio Lower Upper
164 100
162 96.7 78.3 117.5
160 44.5 34.1 51.1

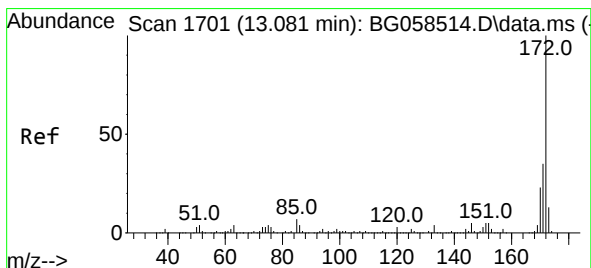
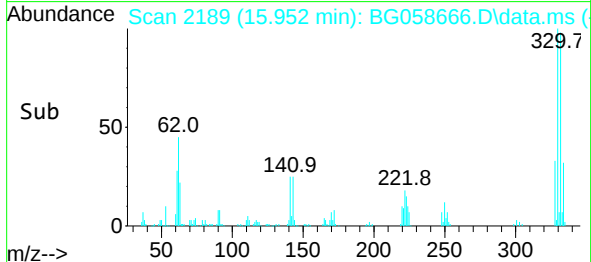
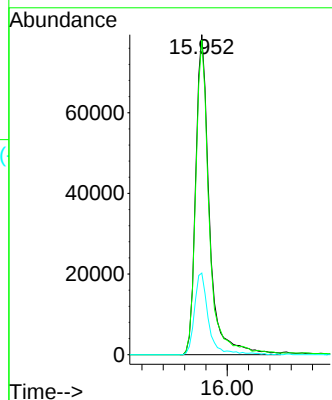
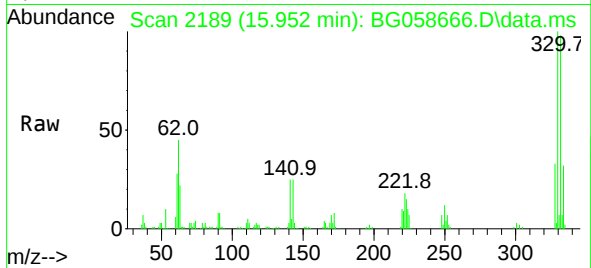




#42
2,4,6-Tribromophenol
Concen: 72.199 ng
RT: 15.952 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG058666.D
Acq: 9 Aug 2023 20:03

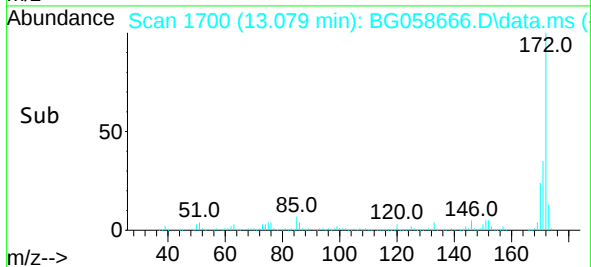
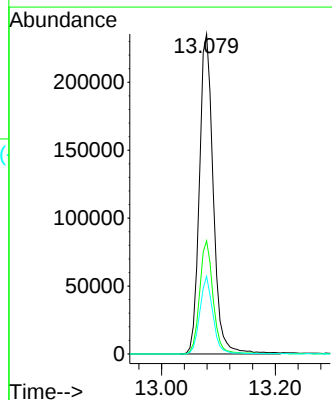
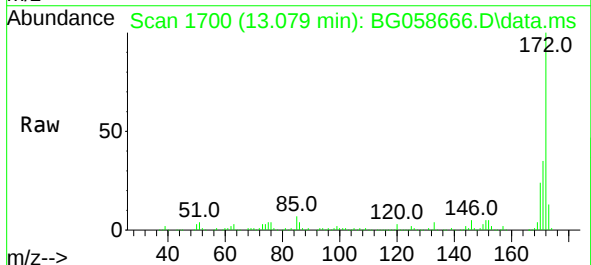
Instrument :
BNA_G
ClientSampleId :
B-PP21B

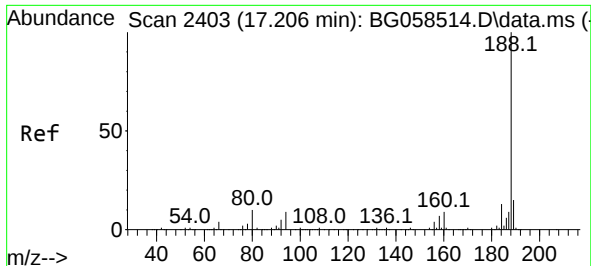
Tgt Ion:330 Resp: 142308
Ion Ratio Lower Upper
330 100
332 95.4 77.5 116.3
141 26.1 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 49.830 ng
RT: 13.079 min Scan# 1700
Delta R.T. -0.002 min
Lab File: BG058666.D
Acq: 9 Aug 2023 20:03

Tgt Ion:172 Resp: 399866
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 24.3 18.4 27.6

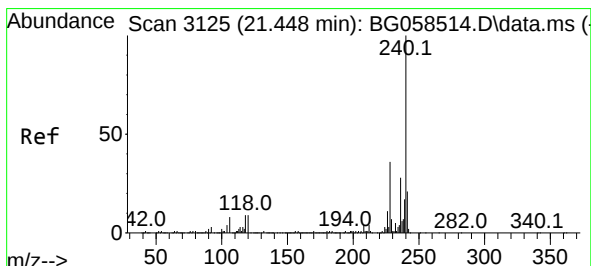
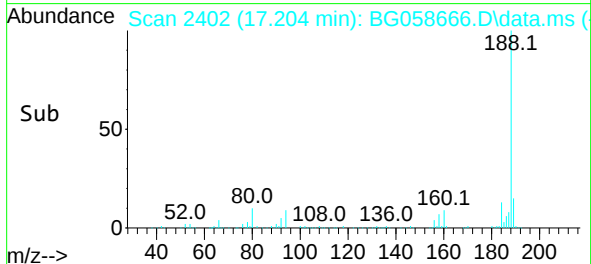
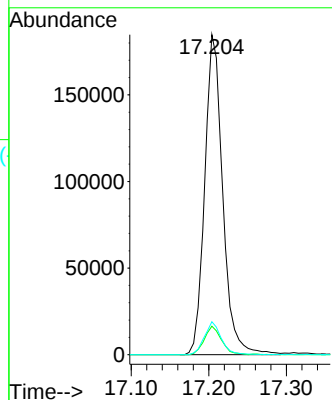
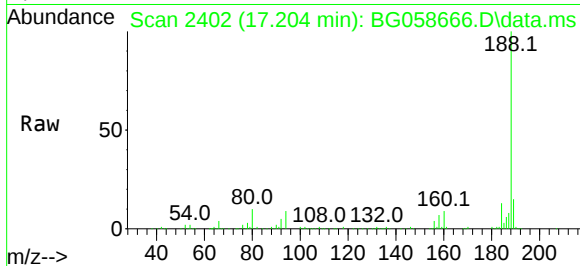




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2403
Delta R.T. -0.002 min
Lab File: BG058666.D
Acq: 9 Aug 2023 20:03

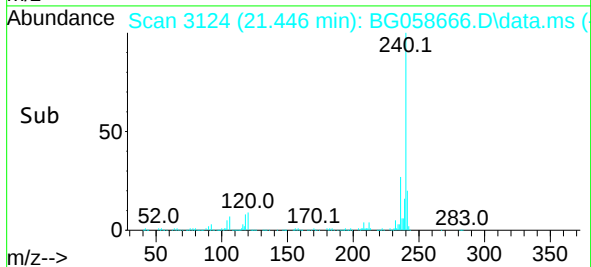
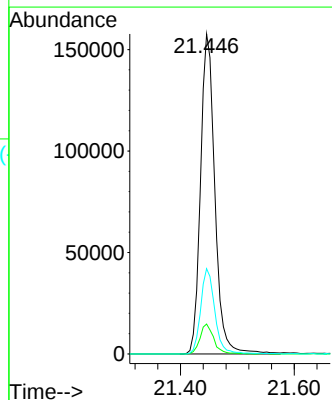
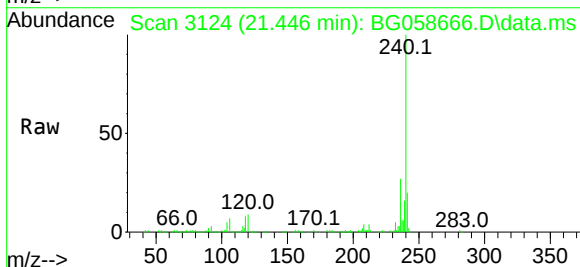
Instrument :
BNA_G
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B-PP21B

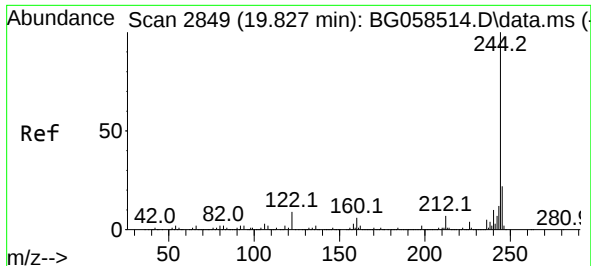
Tgt Ion:188 Resp: 298220
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 10.3 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.446 min Scan# 3124
Delta R.T. -0.002 min
Lab File: BG058666.D
Acq: 9 Aug 2023 20:03

Tgt Ion:240 Resp: 276770
Ion Ratio Lower Upper
240 100
120 9.3 7.4 11.0
236 26.7 22.2 33.4

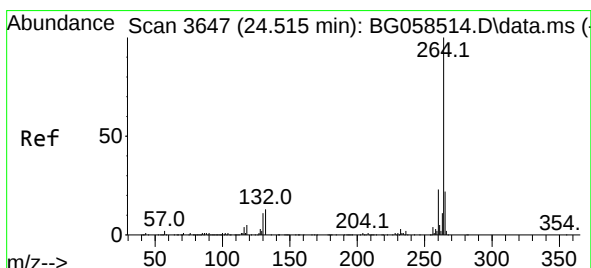
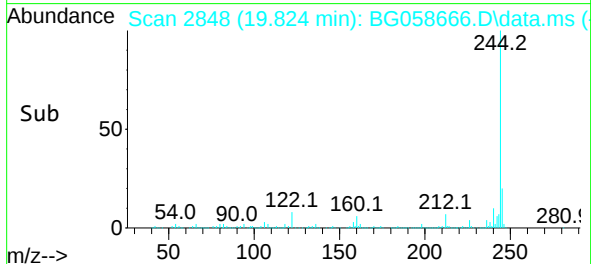
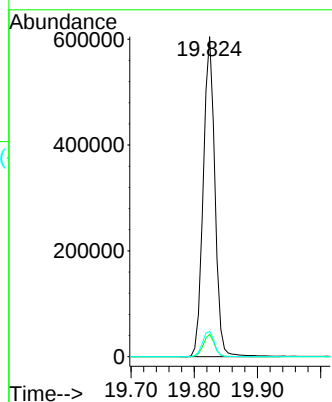
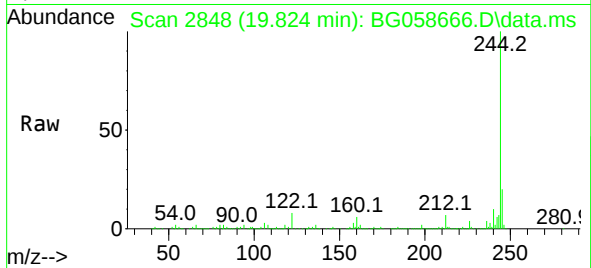




#79
 Terphenyl-d14
 Concen: 52.501 ng
 RT: 19.824 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG058666.D
 Acq: 9 Aug 2023 20:03

Instrument :
 BNA_G
 ClientSampleId :
 B-PP21B

Tgt Ion:244 Resp: 772689
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 7.9 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.519 min Scan# 3647
 Delta R.T. 0.004 min
 Lab File: BG058666.D
 Acq: 9 Aug 2023 20:03

Tgt Ion:264 Resp: 330121
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.4 27.6
 265 20.9 17.9 26.9

