

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
 Data File : BG058638.D
 Acq On : 8 Aug 2023 11:34
 Operator : MA/JU
 Sample : PB154550BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154550BL

Quant Time: Aug 09 04:08:47 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)

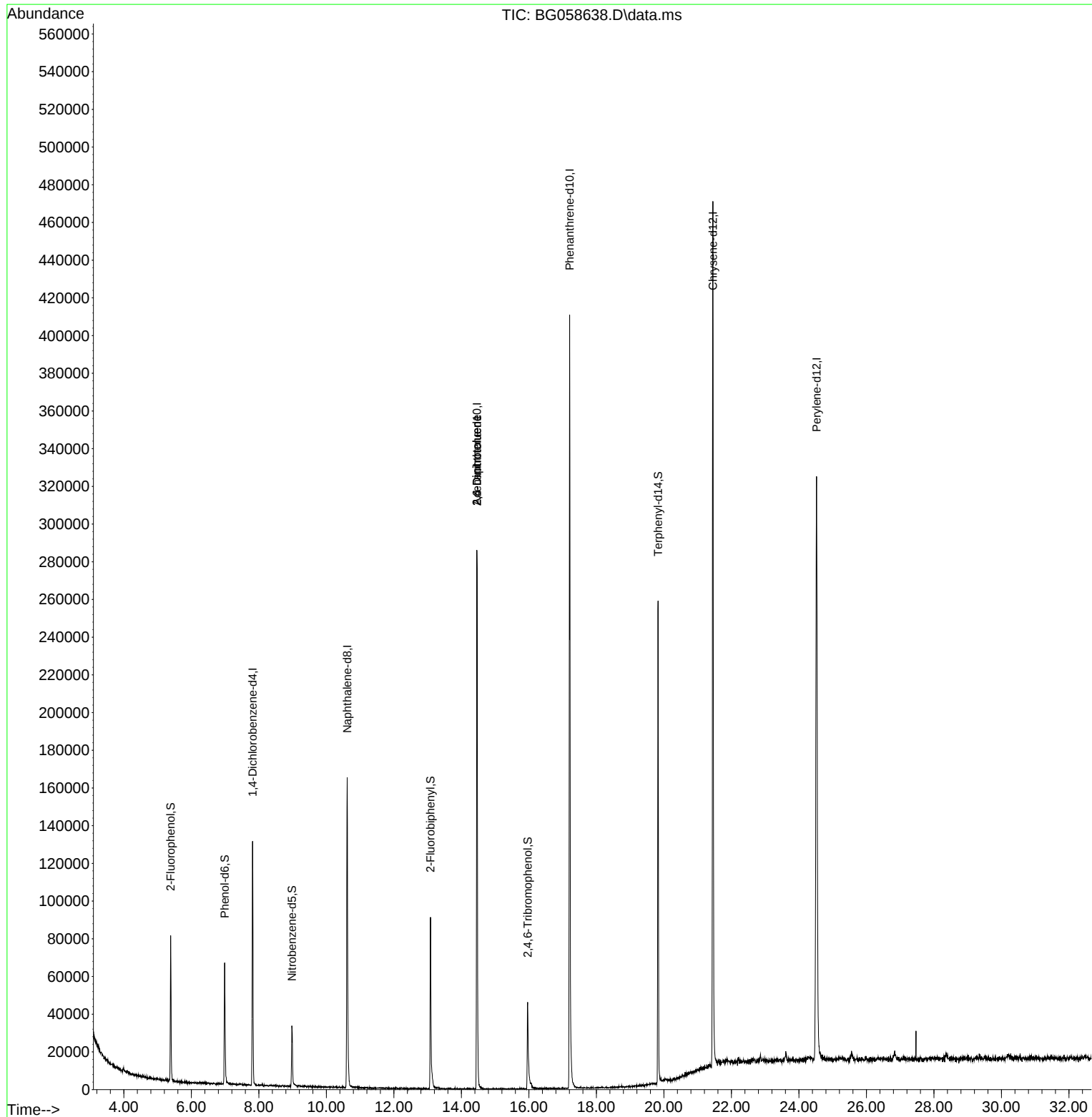
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	36983	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	154690	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	116388	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	311747	20.000	ng	0.00
76) Chrysene-d12	21.450	240	301417	20.000	ng	0.00
86) Perylene-d12	24.522	264	365254	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	32608	13.476	ng	0.00
7) Phenol-d6	6.984	99	42288	12.560	ng	0.00
23) Nitrobenzene-d5	8.976	82	23973	7.613	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	17879	9.372	ng	0.00
45) 2-Fluorobiphenyl	13.083	172	69236	8.915	ng	0.00
79) Terphenyl-d14	19.828	244	156001	9.733	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	14.458	165	14742	7.686	ng	Qvalue
57) 2,4-Dinitrotoluene	14.458	165	14742	5.544	ng	# 22

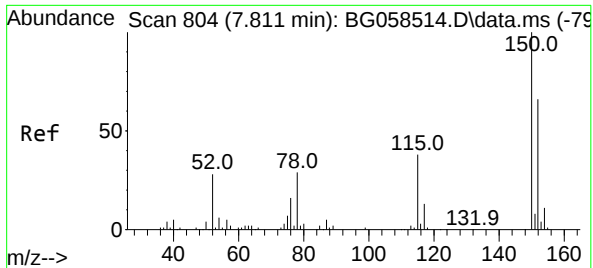
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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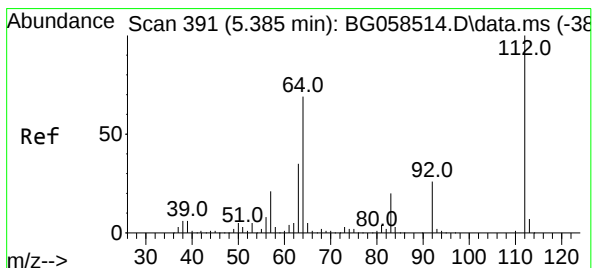
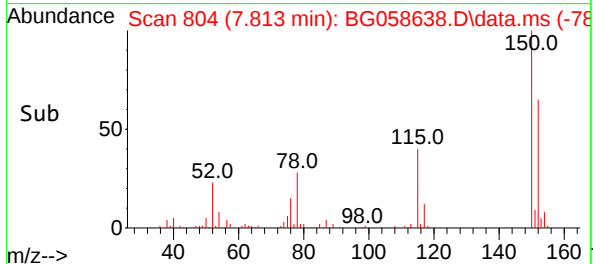
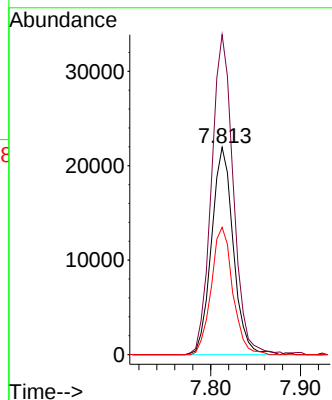
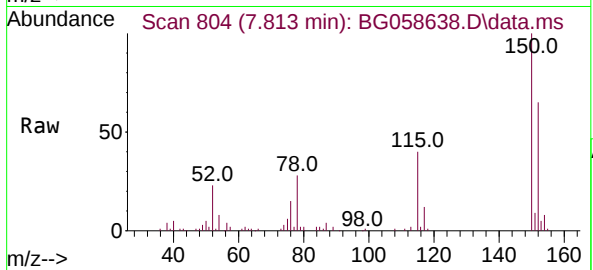




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.813 min Scan# 804
Delta R.T. 0.002 min
Lab File: BG058638.D
Acq: 8 Aug 2023 11:34

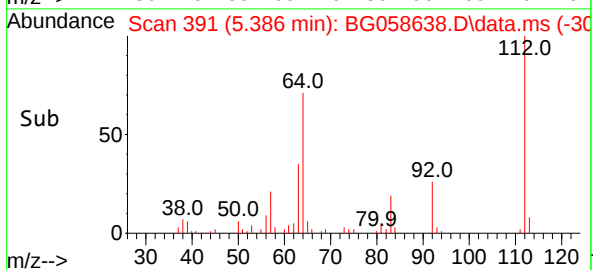
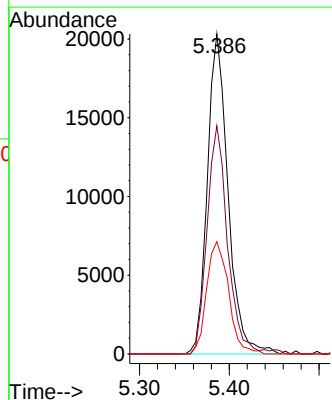
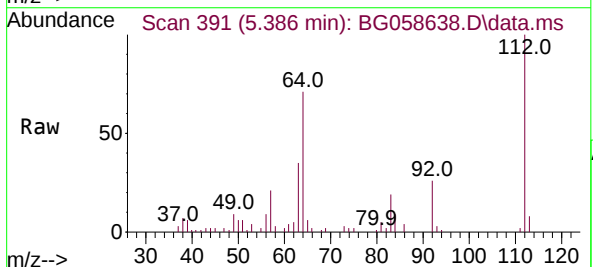
Instrument :
BNA_G
ClientSampleId :
PB154550BL

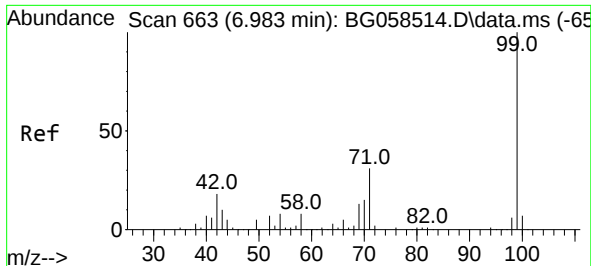
Tgt Ion:152 Resp: 36983
Ion Ratio Lower Upper
152 100
150 154.4 120.5 180.7
115 61.4 45.9 68.9



#5
2-Fluorophenol
Concen: 13.476 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058638.D
Acq: 8 Aug 2023 11:34

Tgt Ion:112 Resp: 32608
Ion Ratio Lower Upper
112 100
64 71.3 55.3 82.9
63 35.1 28.3 42.5

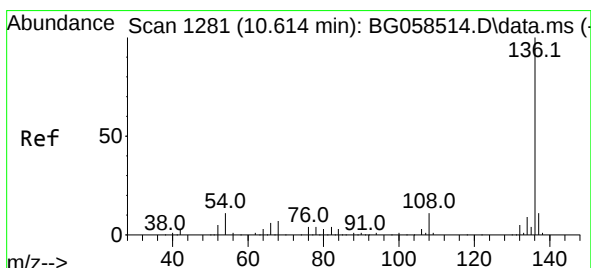
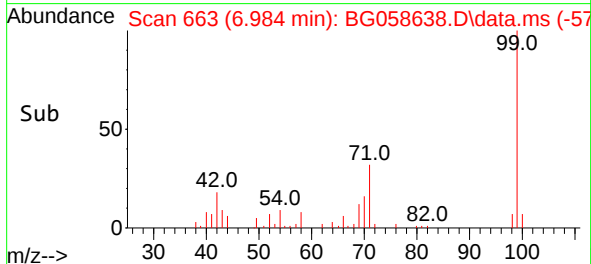
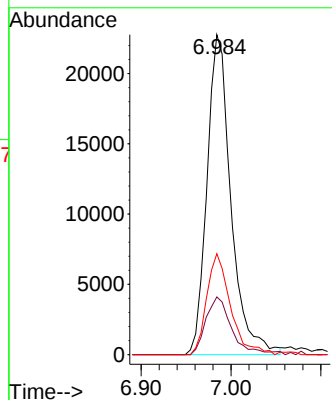
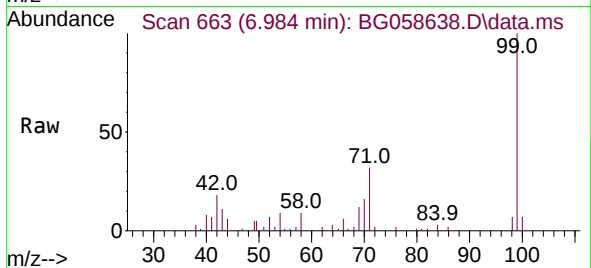




#7
Phenol-d6
Concen: 12.560 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058638.D
Acq: 8 Aug 2023 11:34

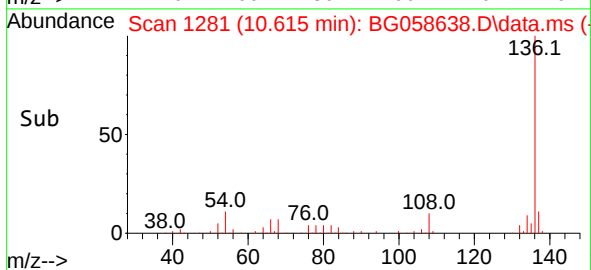
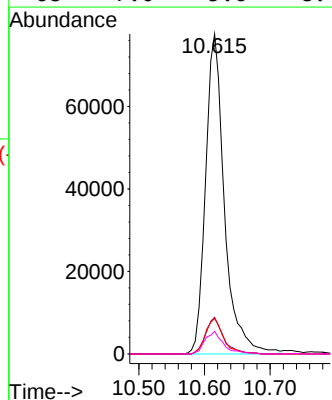
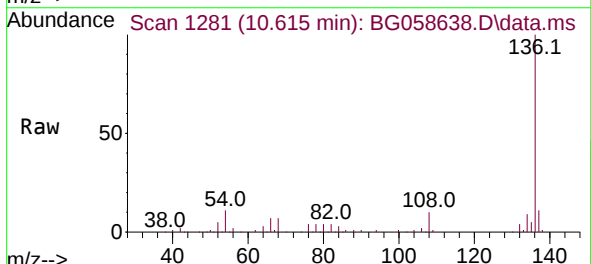
Instrument :
BNA_G
ClientSampleId :
PB154550BL

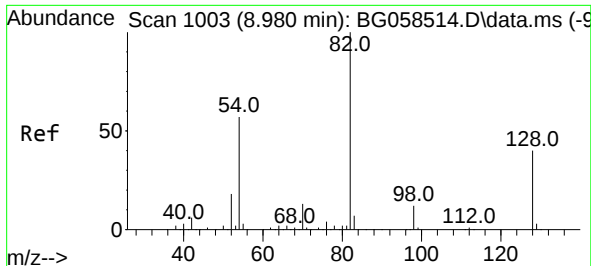
Tgt Ion: 99 Resp: 42288
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 31.5 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058638.D
Acq: 8 Aug 2023 11:34

Tgt Ion:136 Resp: 154690
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 11.1 8.9 13.3
68 7.0 5.6 8.4

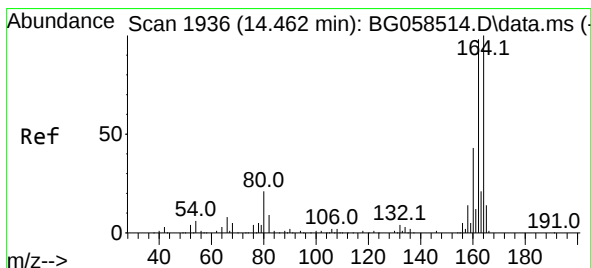
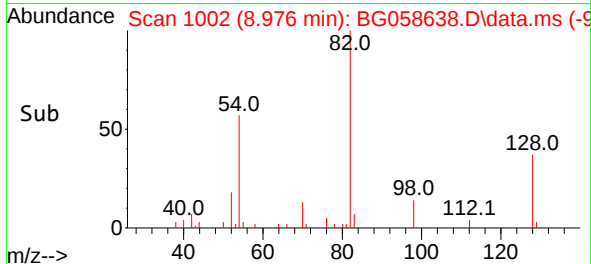
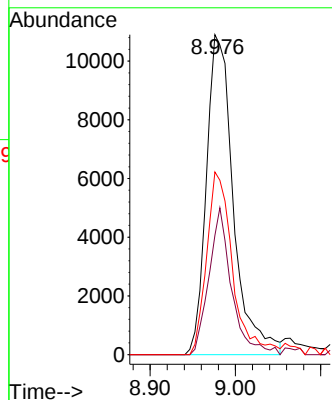
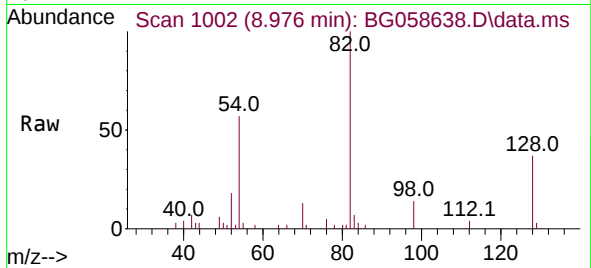




#23
Nitrobenzene-d5
Concen: 7.613 ng
RT: 8.976 min Scan# 10
Delta R.T. -0.004 min
Lab File: BG058638.D
Acq: 8 Aug 2023 11:34

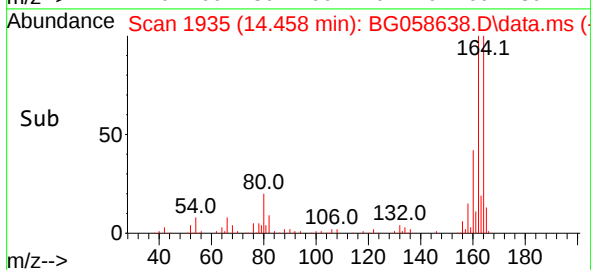
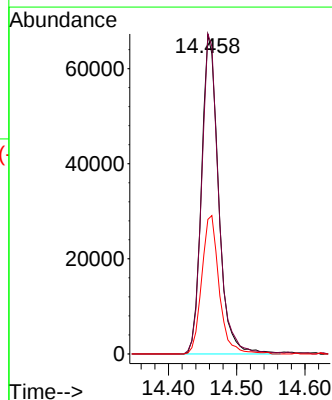
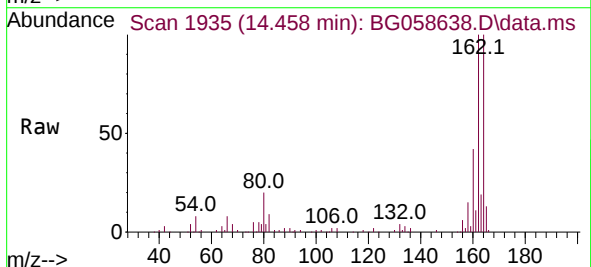
Instrument :
BNA_G
ClientSampleId :
PB154550BL

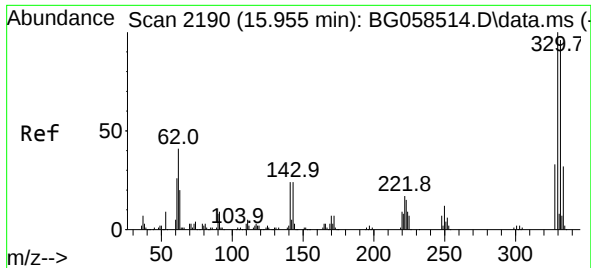
Tgt Ion: 82 Resp: 23973
Ion Ratio Lower Upper
82 100
128 37.3 32.2 48.2
54 57.1 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.458 min Scan# 1935
Delta R.T. -0.004 min
Lab File: BG058638.D
Acq: 8 Aug 2023 11:34

Tgt Ion: 164 Resp: 116388
Ion Ratio Lower Upper
164 100
162 100.3 78.3 117.5
160 42.1 34.1 51.1

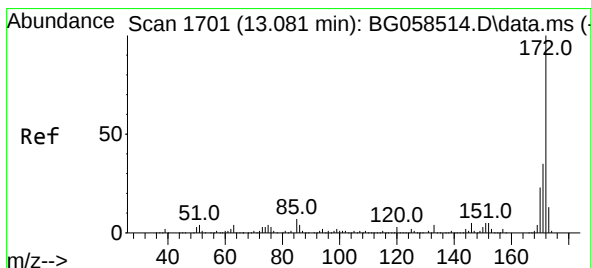
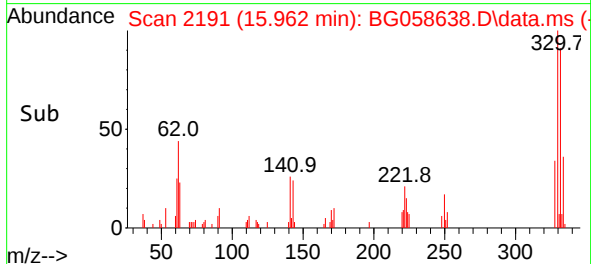
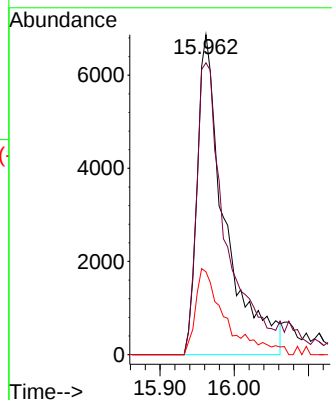
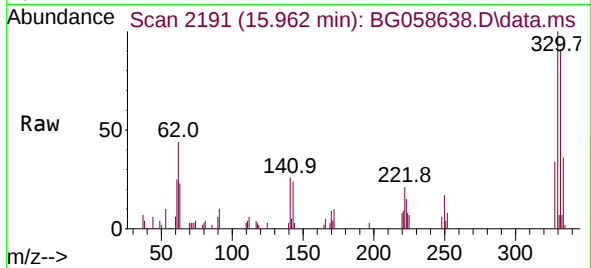




#42
2,4,6-Tribromophenol
Concen: 9.372 ng
RT: 15.962 min Scan# 2190
Delta R.T. 0.007 min
Lab File: BG058638.D
Acq: 8 Aug 2023 11:34

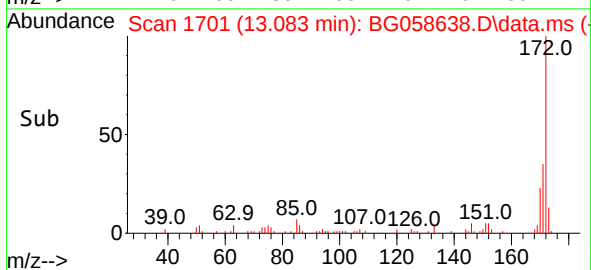
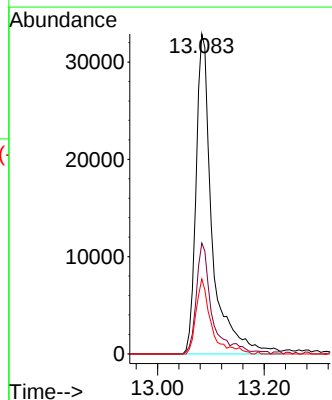
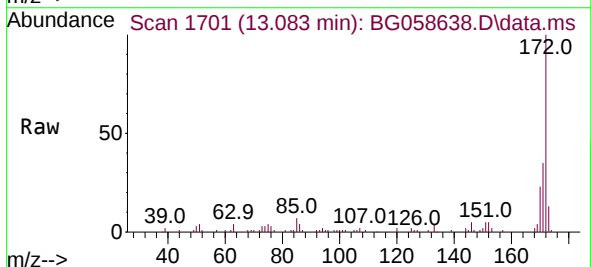
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ClientSampleId :
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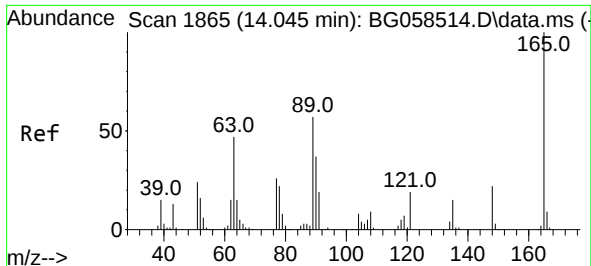
Tgt Ion:330 Resp: 17879
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 29.0 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 8.915 ng
RT: 13.083 min Scan# 1701
Delta R.T. 0.001 min
Lab File: BG058638.D
Acq: 8 Aug 2023 11:34

Tgt Ion:172 Resp: 69236
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 23.4 18.4 27.6

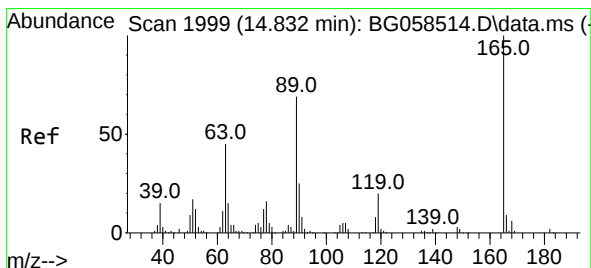
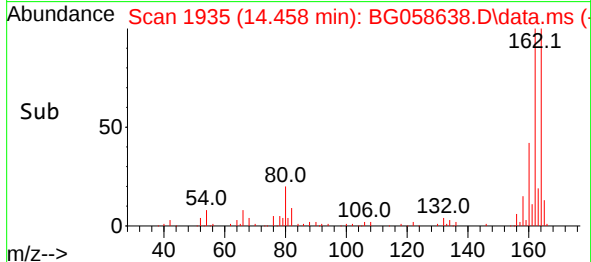
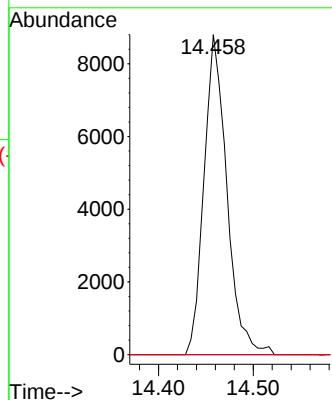
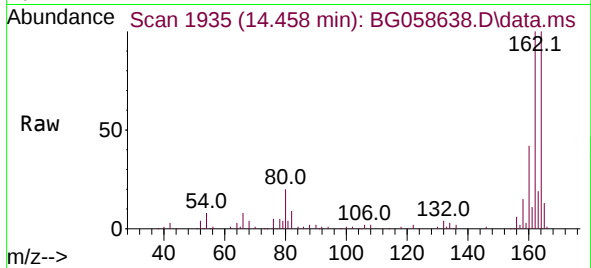




#51
2,6-Dinitrotoluene
Concen: 7.686 ng
RT: 14.458 min Scan# 1935
Delta R.T. 0.413 min
Lab File: BG058638.D
Acq: 8 Aug 2023 11:34

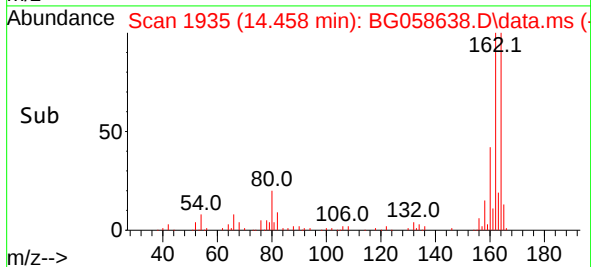
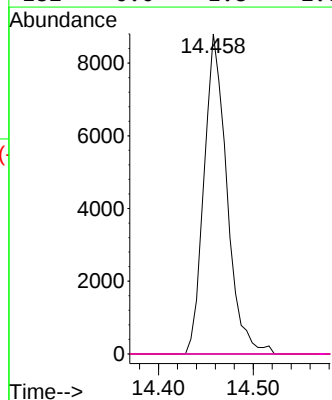
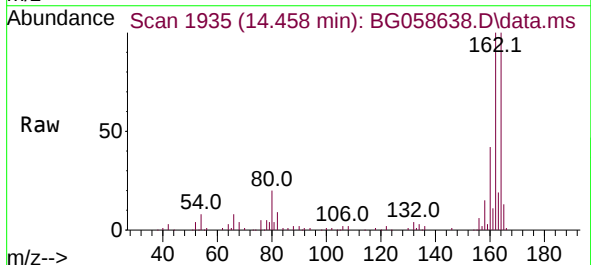
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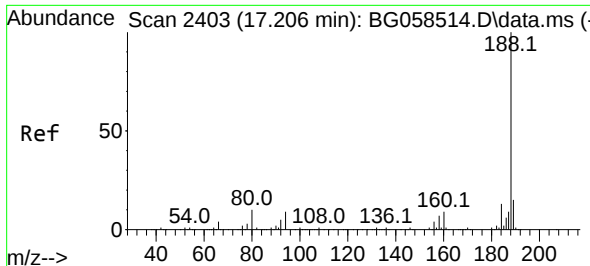
Tgt Ion:165 Resp: 14742
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 45.3 67.9#



#57
2,4-Dinitrotoluene
Concen: 5.544 ng
RT: 14.458 min Scan# 1935
Delta R.T. -0.374 min
Lab File: BG058638.D
Acq: 8 Aug 2023 11:34

Tgt Ion:165 Resp: 14742
Ion Ratio Lower Upper
165 100
63 0.0 36.6 54.8#
89 0.0 55.4 83.0#
182 0.0 1.8 2.6#

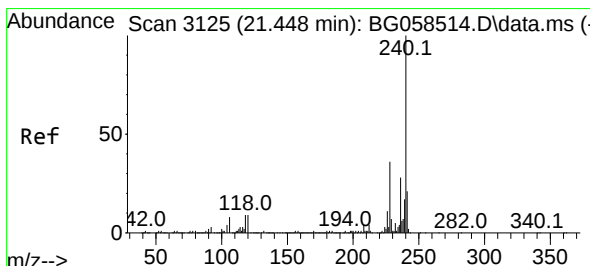
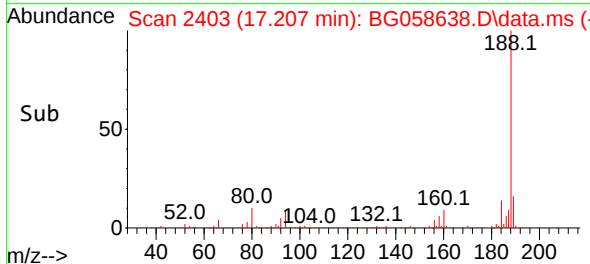
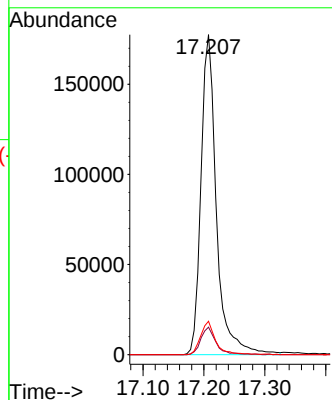
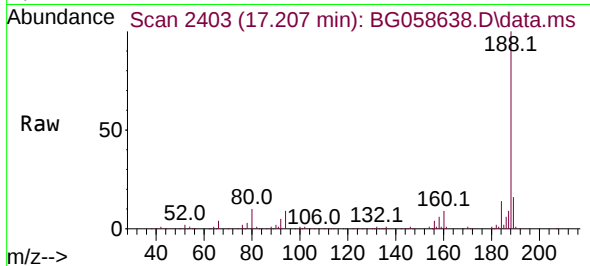




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058638.D
Acq: 8 Aug 2023 11:34

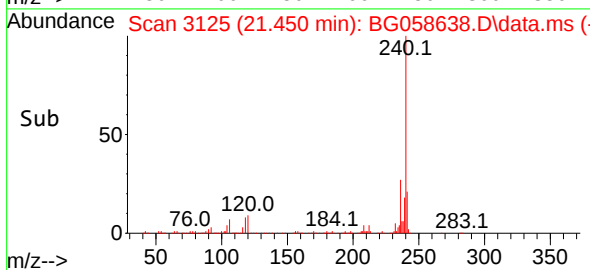
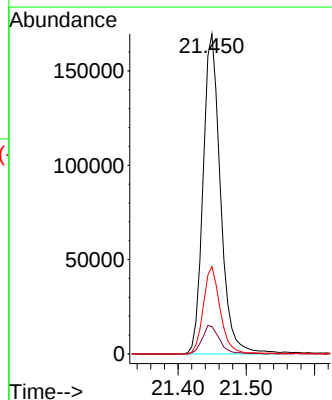
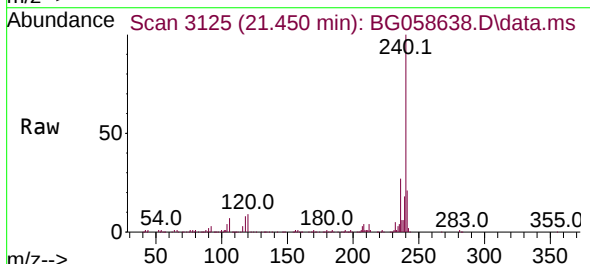
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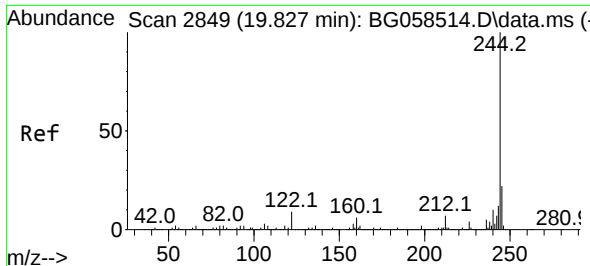
Tgt Ion:188 Resp: 311747
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 10.4 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058638.D
Acq: 8 Aug 2023 11:34

Tgt Ion:240 Resp: 301417
Ion Ratio Lower Upper
240 100
120 8.6 7.4 11.0
236 27.3 22.2 33.4

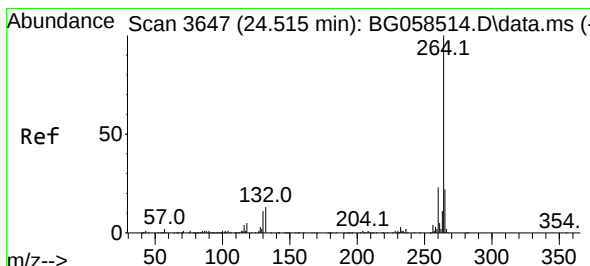
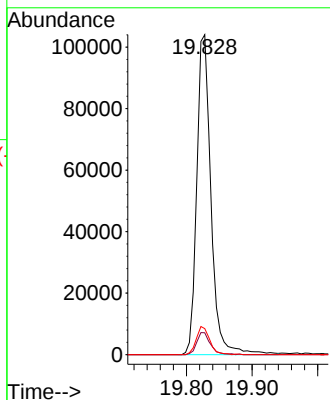
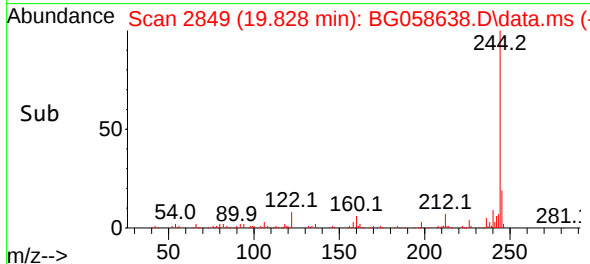
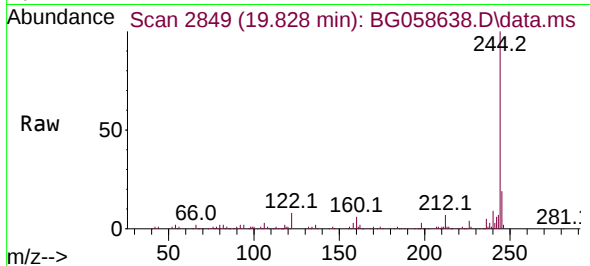




#79
 Terphenyl-d14
 Concen: 9.733 ng
 RT: 19.828 min Scan# 2849
 Delta R.T. 0.001 min
 Lab File: BG058638.D
 Acq: 8 Aug 2023 11:34

Instrument :
 BNA_G
 ClientSampleId :
 PB154550BL

Tgt Ion:244 Resp: 156001
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 8.1 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.522 min Scan# 3648
 Delta R.T. 0.007 min
 Lab File: BG058638.D
 Acq: 8 Aug 2023 11:34

Tgt Ion:264 Resp: 365254
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 22.2 17.9 26.9

