

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058628.D
 Acq On : 7 Aug 2023 15:37
 Operator : MA/JU
 Sample : 03831-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-20-20230727

Quant Time: Aug 07 16:10:21 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	7.811	152	34794	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	153781	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	116068	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	310838	20.000	ng	0.00
76) Chrysene-d12	21.448	240	292117	20.000	ng	0.00
86) Perylene-d12	24.527	264	358659	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	145962	64.119	ng	0.00
7) Phenol-d6	6.983	99	118986	37.564	ng	0.00
23) Nitrobenzene-d5	8.975	82	290633	92.843	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	274375	144.223	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	710381	91.720	ng	0.00
79) Terphenyl-d14	19.827	244	1353316	87.121	ng	0.00

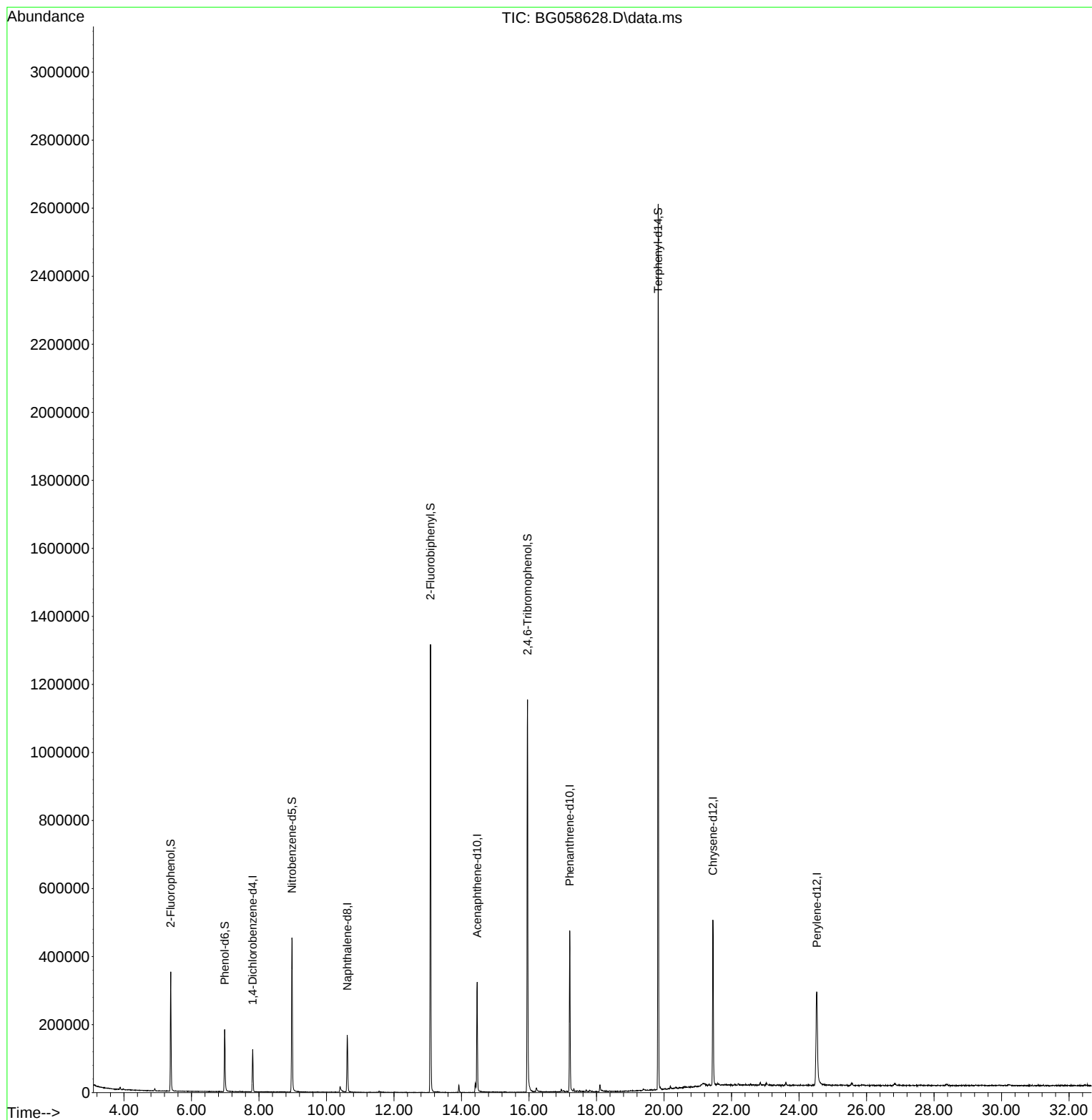
Target Compounds	Qvalue

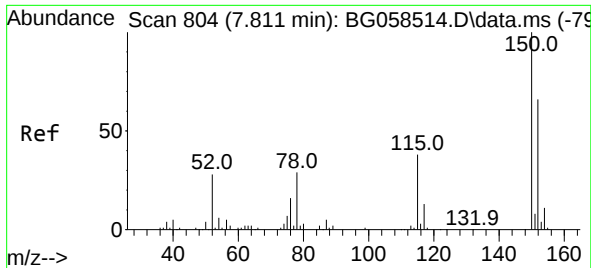
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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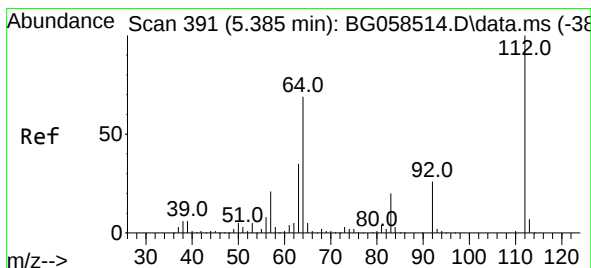
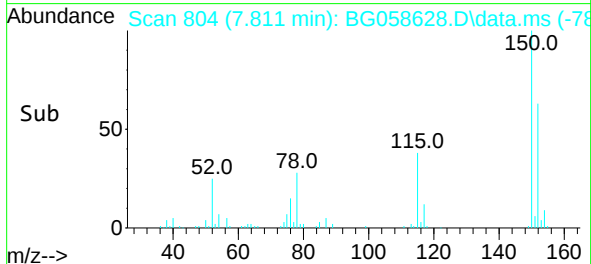
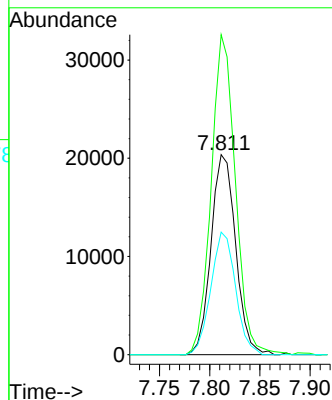
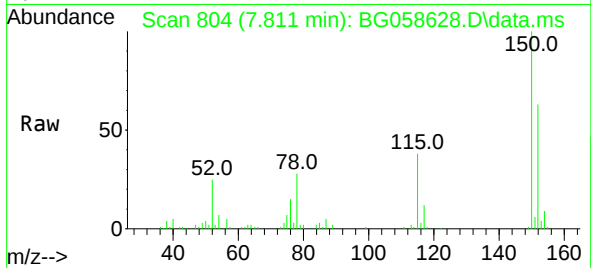




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37

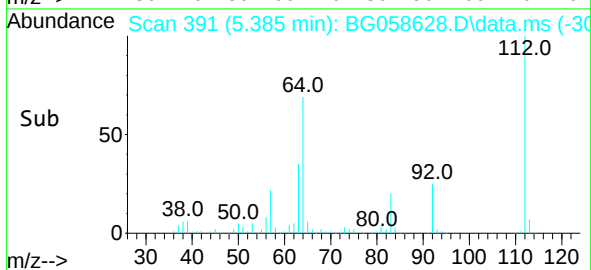
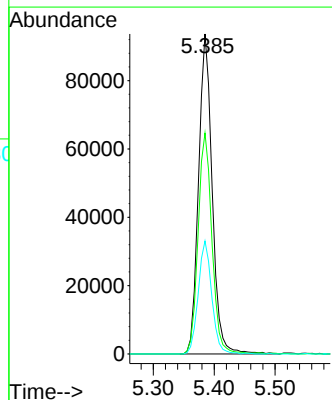
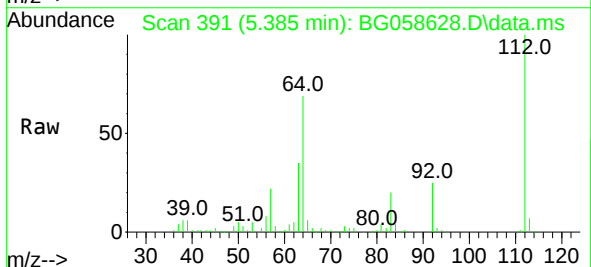
Instrument :
BNA_G
ClientSampleId :
MW-20-20230727

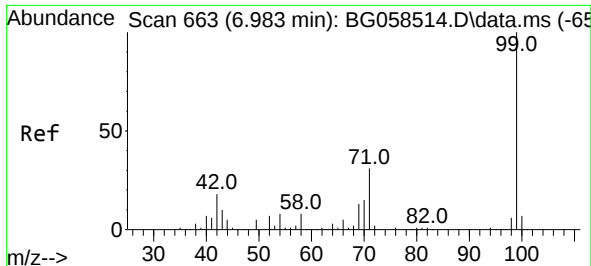
Tgt Ion:152 Resp: 34794
Ion Ratio Lower Upper
152 100
150 160.0 120.5 180.7
115 61.3 45.9 68.9



#5
2-Fluorophenol
Concen: 64.119 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37

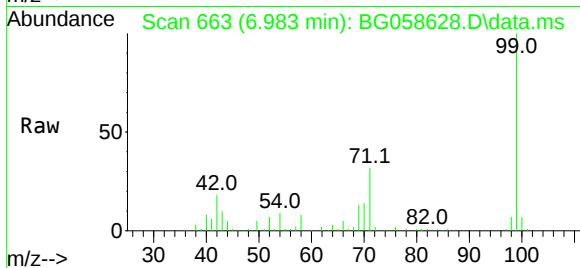
Tgt Ion:112 Resp: 145962
Ion Ratio Lower Upper
112 100
64 69.1 55.3 82.9
63 35.3 28.3 42.5



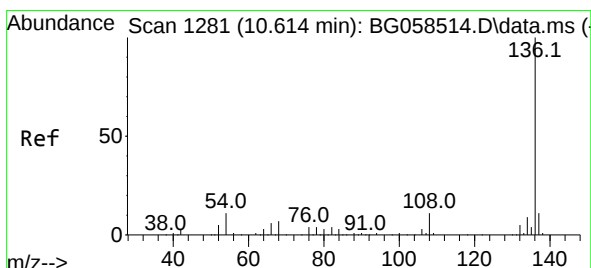
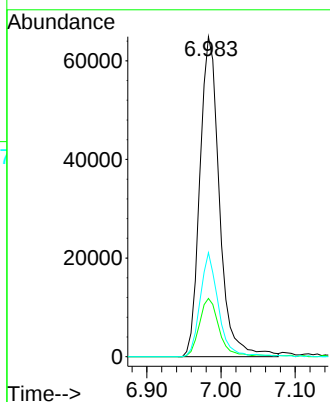
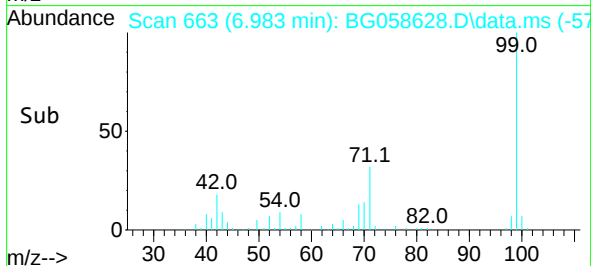


#7
Phenol-d6
Concen: 37.564 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37

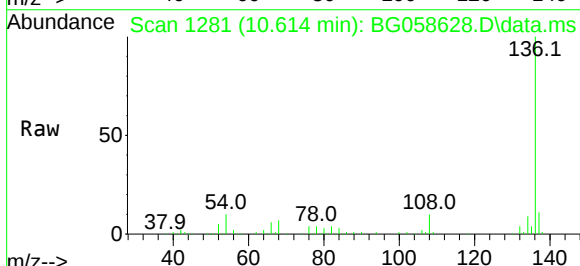
Instrument :
BNA_G
ClientSampleId :
MW-20-20230727



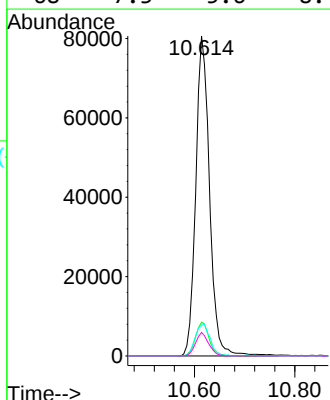
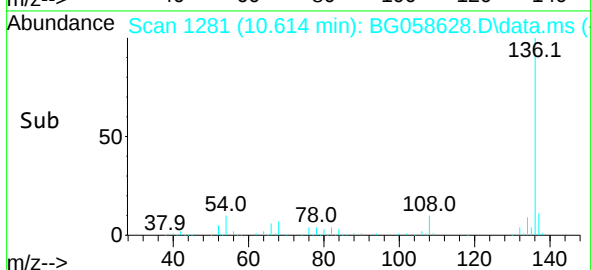
Tgt Ion: 99 Resp: 118986
Ion Ratio Lower Upper
99 100
42 18.2 14.6 21.8
71 32.5 25.0 37.4

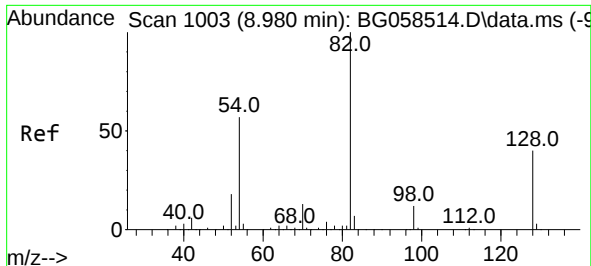


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37



Tgt Ion: 136 Resp: 153781
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 9.6 8.9 13.3
68 7.3 5.6 8.4

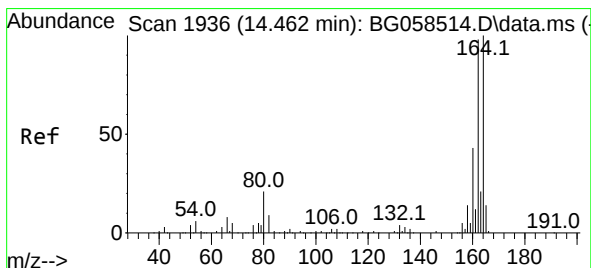
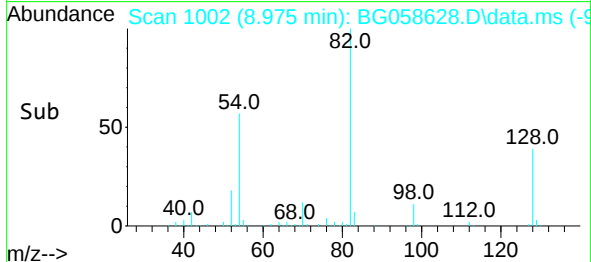
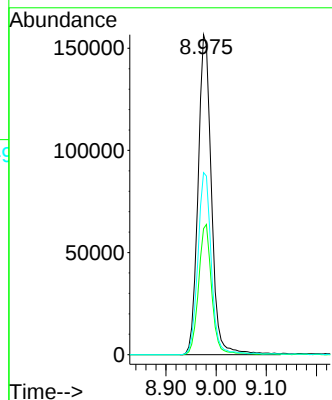
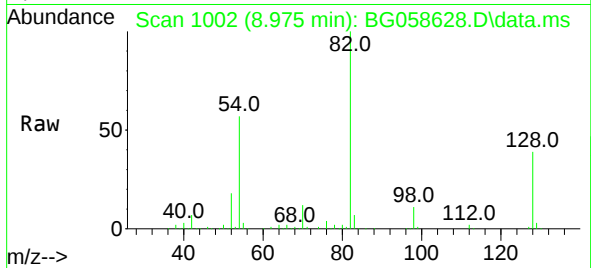




#23
Nitrobenzene-d5
Concen: 92.843 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37

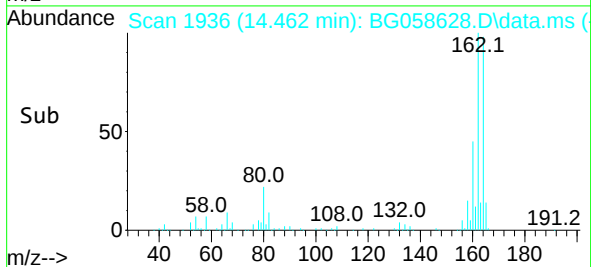
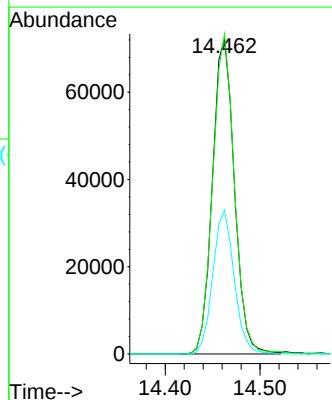
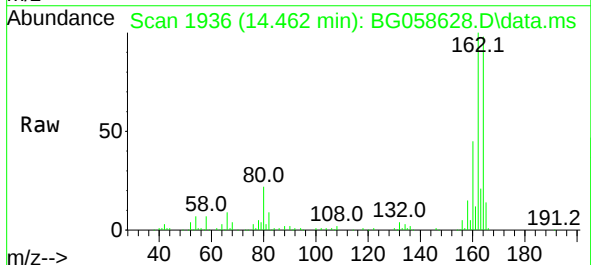
Instrument :
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ClientSampleId :
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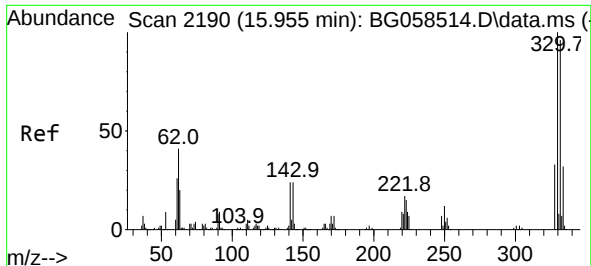
Tgt Ion: 82 Resp: 290633
Ion Ratio Lower Upper
82 100
128 39.4 32.2 48.2
54 56.9 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37

Tgt Ion:164 Resp: 116068
Ion Ratio Lower Upper
164 100
162 101.5 78.3 117.5
160 45.7 34.1 51.1

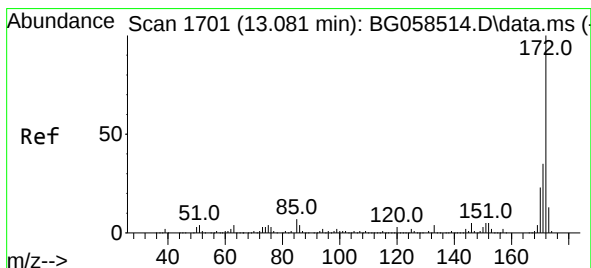
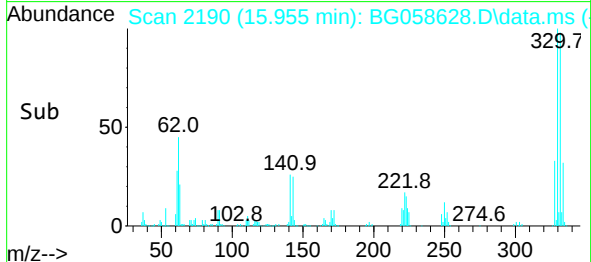
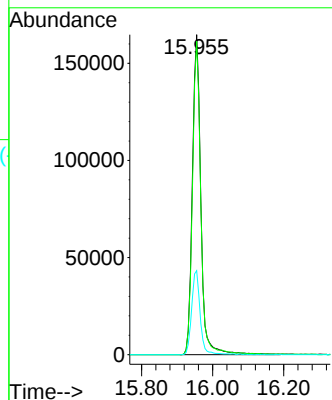
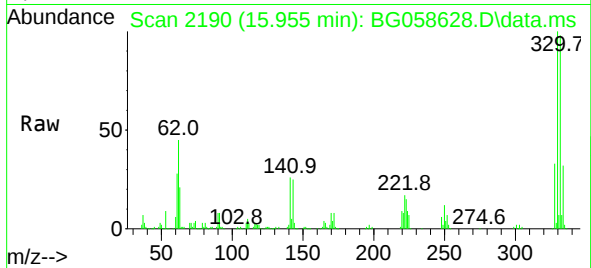




#42
2,4,6-Tribromophenol
Concen: 144.223 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37

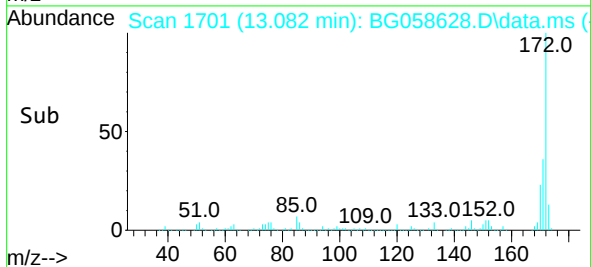
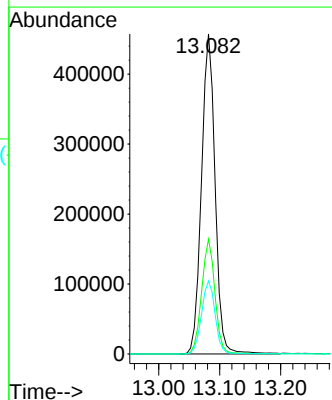
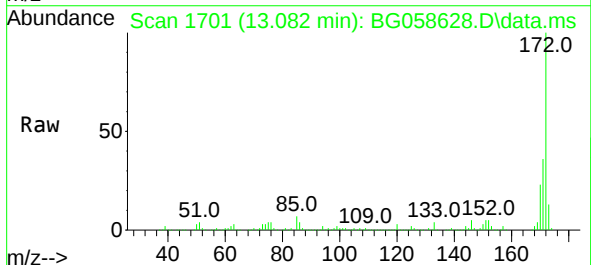
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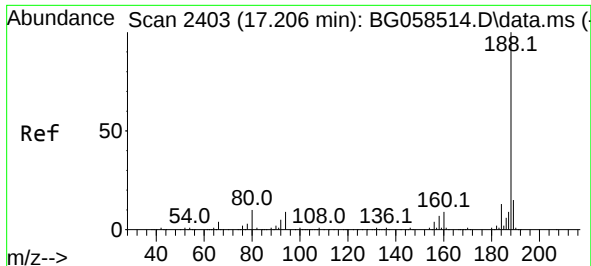
Tgt Ion:330 Resp: 274375
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 26.3 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 91.720 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37

Tgt Ion:172 Resp: 710381
Ion Ratio Lower Upper
172 100
171 35.9 28.0 42.0
170 22.9 18.4 27.6

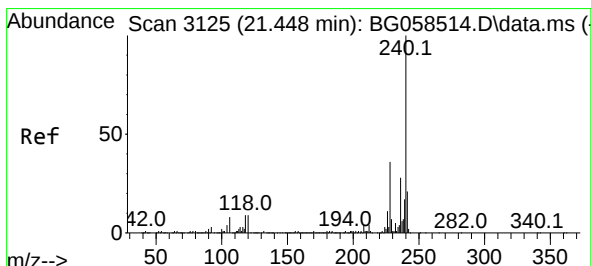
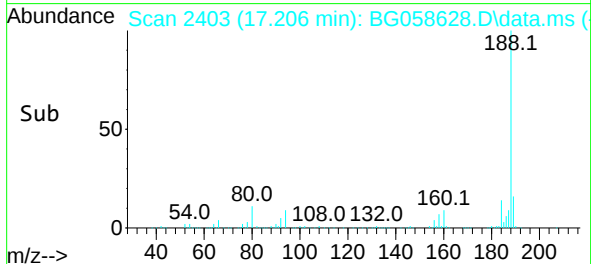
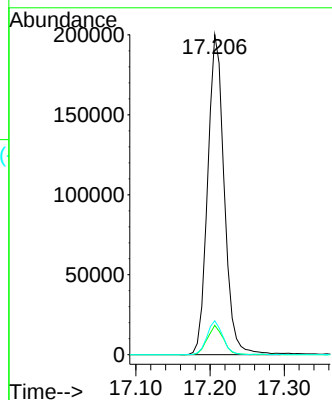
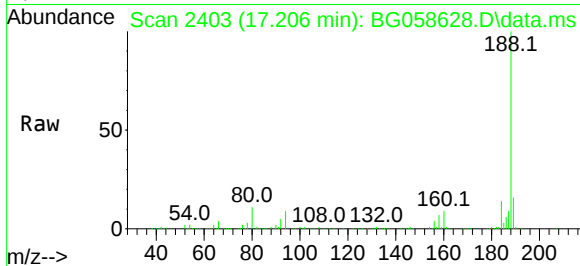




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37

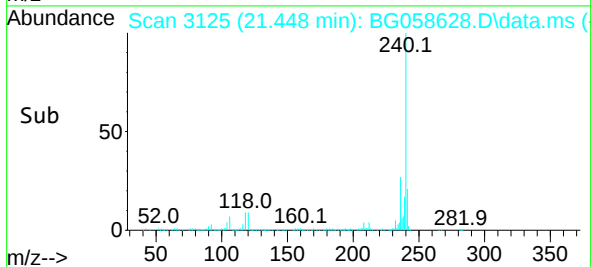
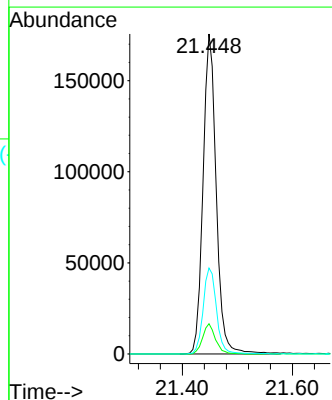
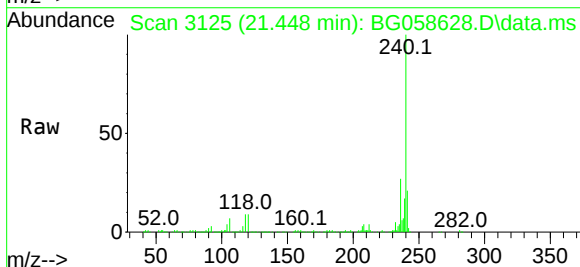
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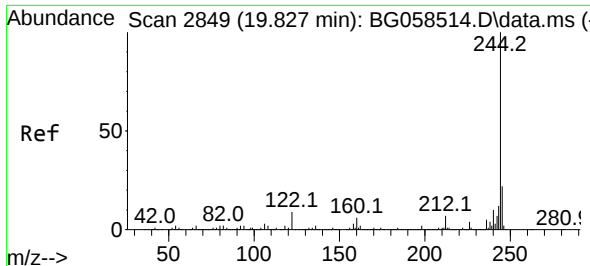
Tgt Ion:188 Resp: 310838
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 10.6 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37

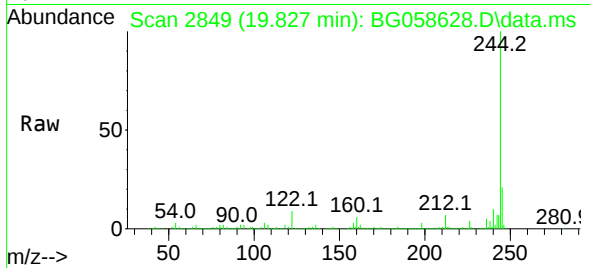
Tgt Ion:240 Resp: 292117
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.0
236 26.8 22.2 33.4



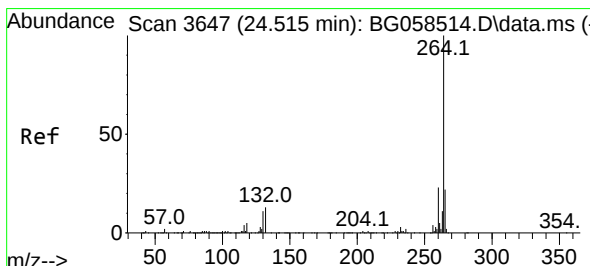
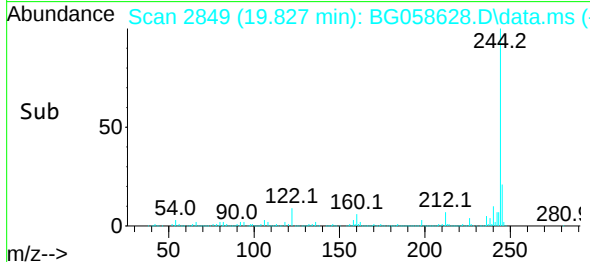
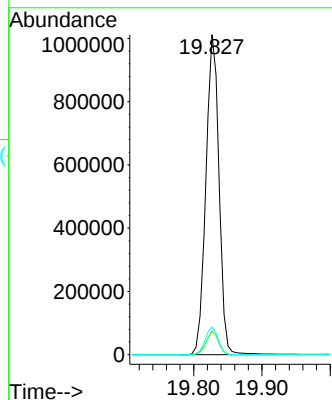


#79
 Terphenyl-d14
 Concen: 87.121 ng
 RT: 19.827 min Scan# 2849
 Delta R.T. 0.000 min
 Lab File: BG058628.D
 Acq: 7 Aug 2023 15:37

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Tgt Ion:244 Resp: 1353316
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 8.6 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.527 min Scan# 3649
 Delta R.T. 0.012 min
 Lab File: BG058628.D
 Acq: 7 Aug 2023 15:37

Tgt Ion:264 Resp: 358659
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 21.8 17.9 26.9

