

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
 Data File : BG058644.D
 Acq On : 8 Aug 2023 15:47
 Operator : MA/JU
 Sample : 03903-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-10W

Quant Time: Aug 09 04:11:18 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)

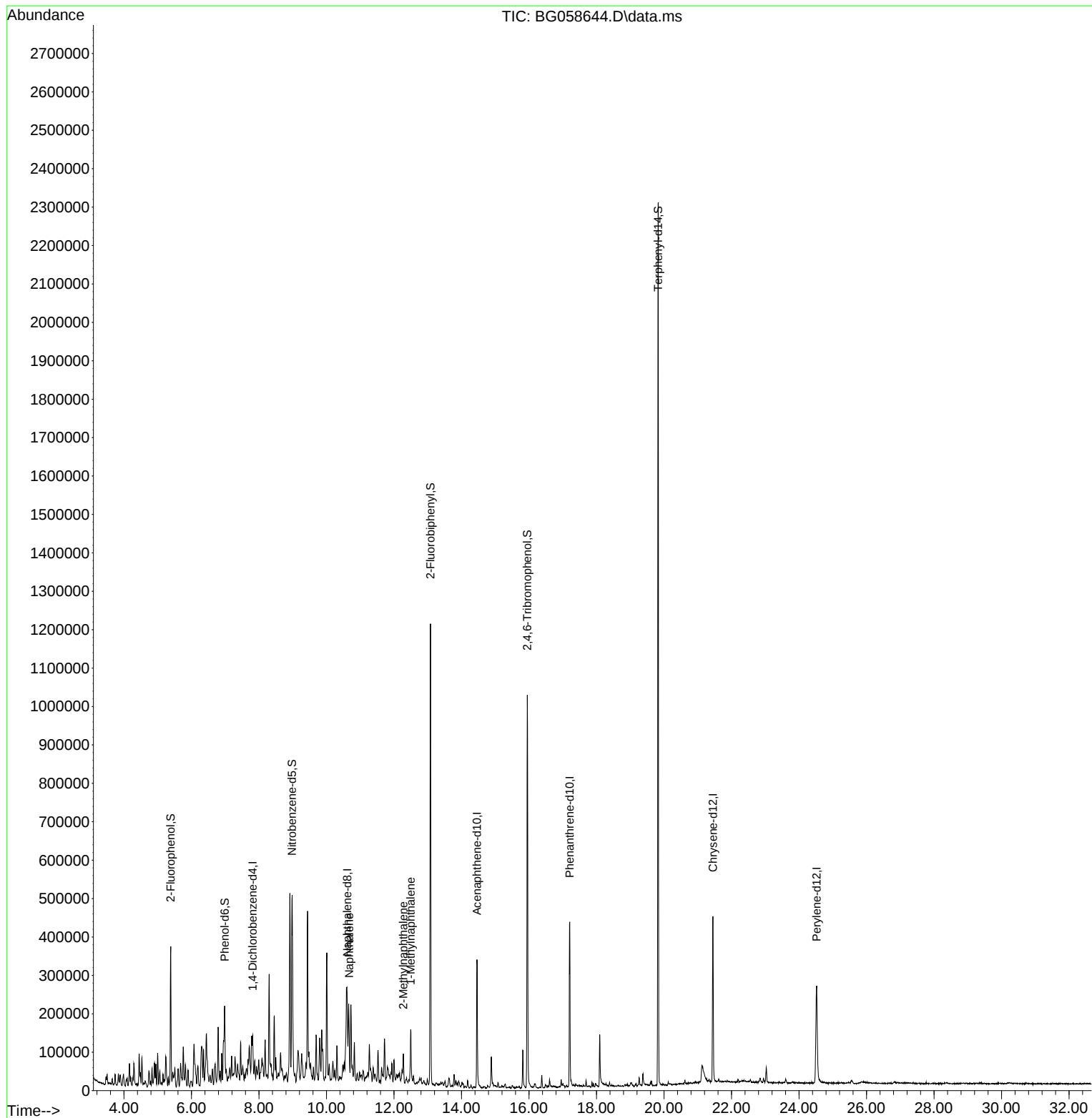
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	31423	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	145995	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	116180	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	289914	20.000	ng	0.00
76) Chrysene-d12	21.449	240	258600	20.000	ng	0.00
86) Perylene-d12	24.522	264	315664	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	136506	66.398	ng	0.00
7) Phenol-d6	6.984	99	119864	41.900	ng	0.00
23) Nitrobenzene-d5	8.976	82	262585	88.356	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	233699	122.723	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	680492	87.776	ng	0.00
79) Terphenyl-d14	19.828	244	1197135	87.055	ng	0.00
Target Compounds						
31) Naphthalene	10.668	128	24671	3.206	ng	Qvalue # 75
37) 2-Methylnaphthalene	12.278	142	39386	7.156	ng	100
38) 1-Methylnaphthalene	12.495	142	63888	12.211	ng	99

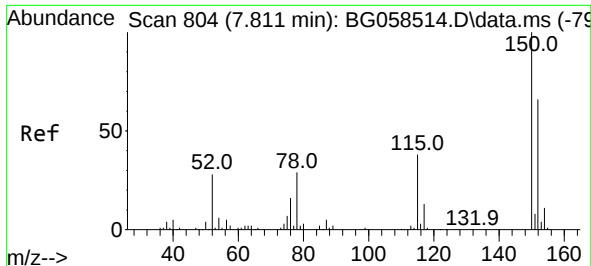
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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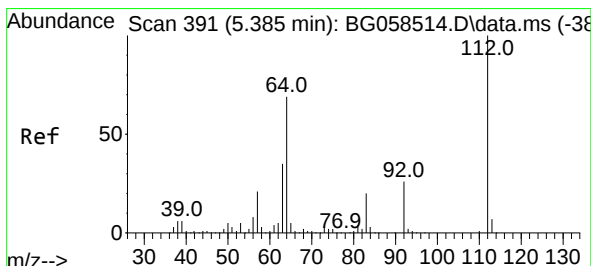
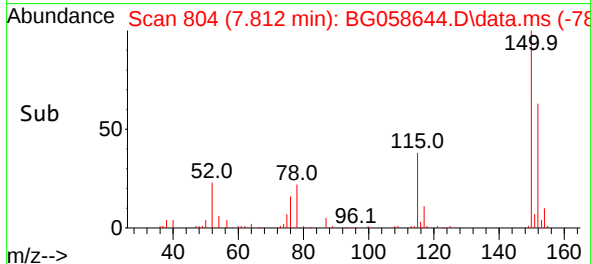
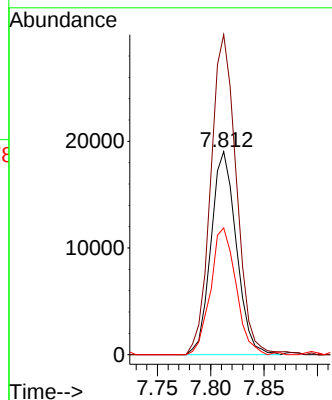
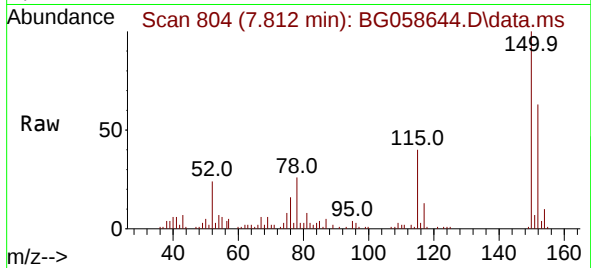




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

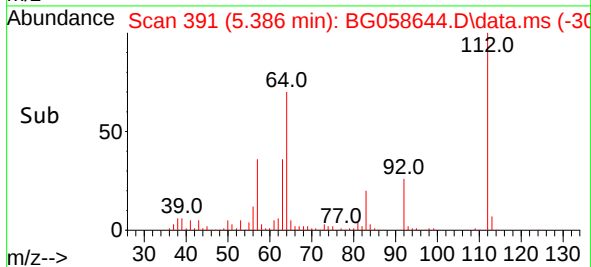
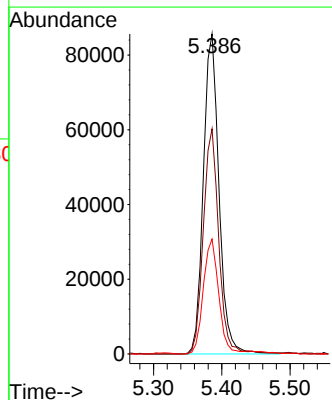
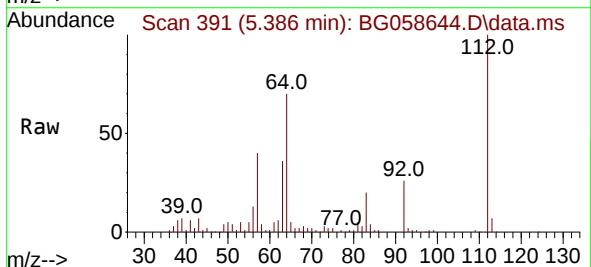
Instrument :
BNA_G
ClientSampleId :
MW-10W

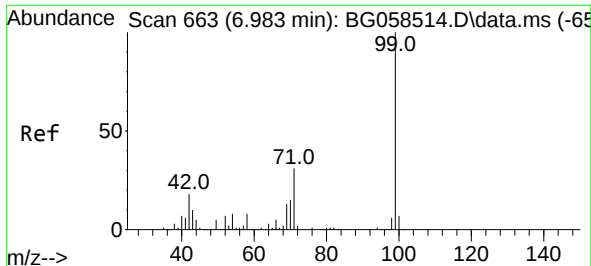
Tgt Ion:152 Resp: 31423
Ion Ratio Lower Upper
152 100
150 157.6 120.5 180.7
115 62.4 45.9 68.9



#5
2-Fluorophenol
Concen: 66.398 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Tgt Ion:112 Resp: 136506
Ion Ratio Lower Upper
112 100
64 70.4 55.3 82.9
63 35.9 28.3 42.5

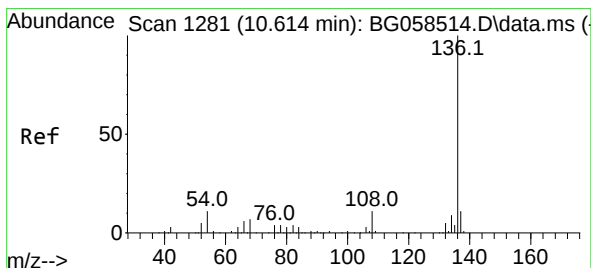
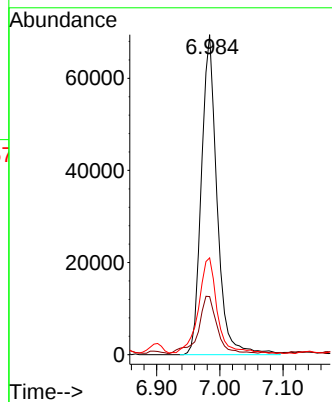
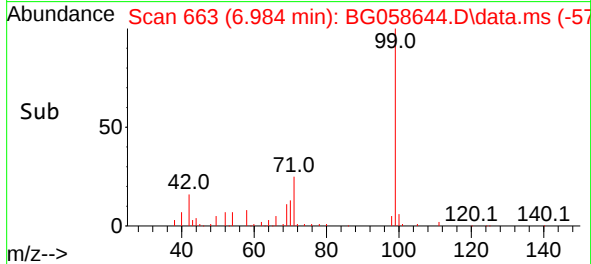
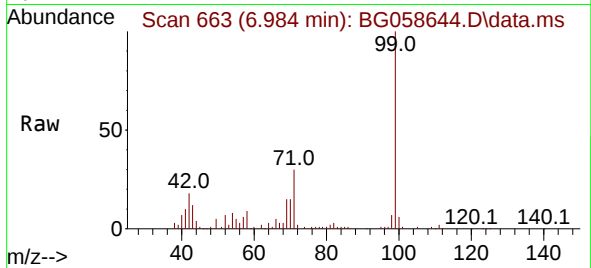




#7
Phenol-d6
Concen: 41.900 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

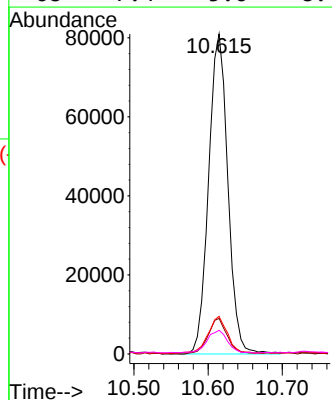
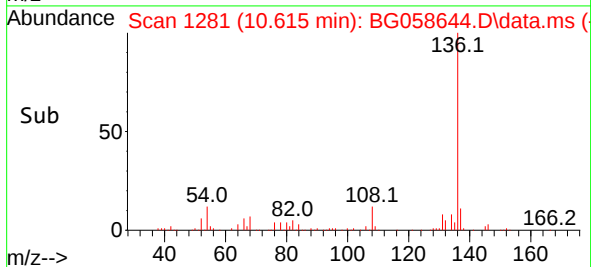
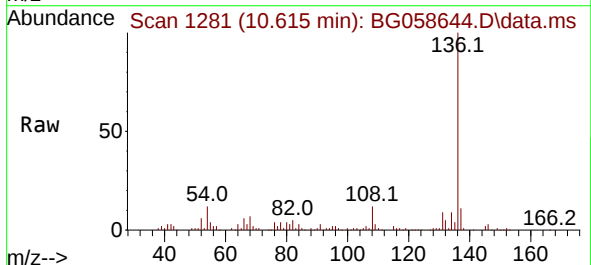
Instrument :
BNA_G
ClientSampleId :
MW-10W

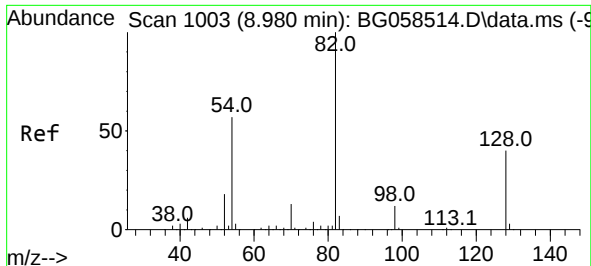
Tgt Ion: 99 Resp: 119864
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 30.3 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Tgt Ion: 136 Resp: 145995
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 11.8 8.9 13.3
68 7.4 5.6 8.4

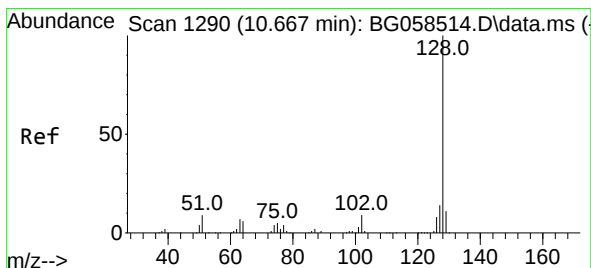
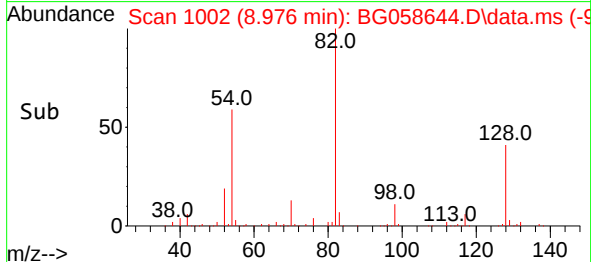
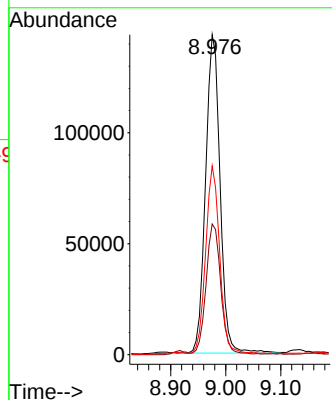
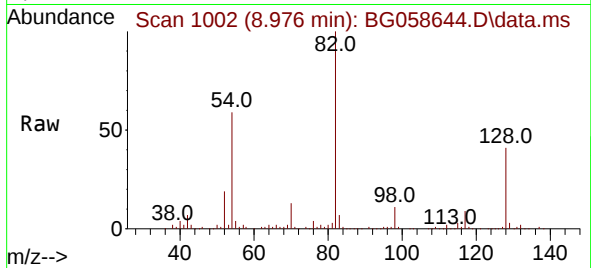




#23
Nitrobenzene-d5
Concen: 88.356 ng
RT: 8.976 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

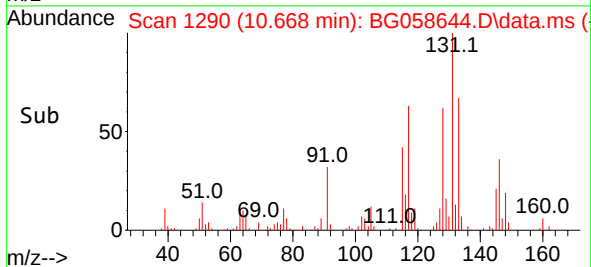
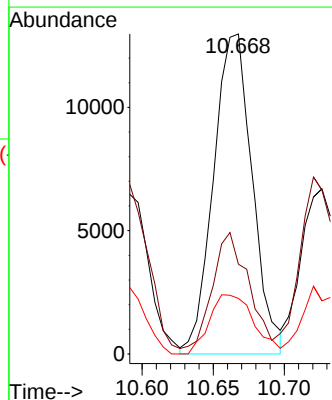
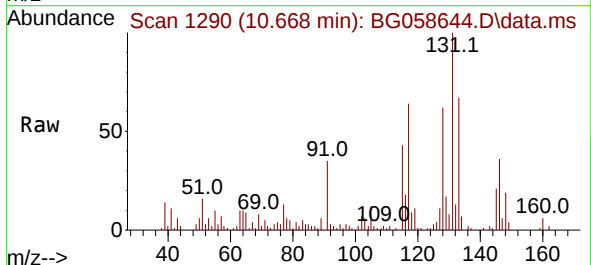
Instrument :
BNA_G
ClientSampleId :
MW-10W

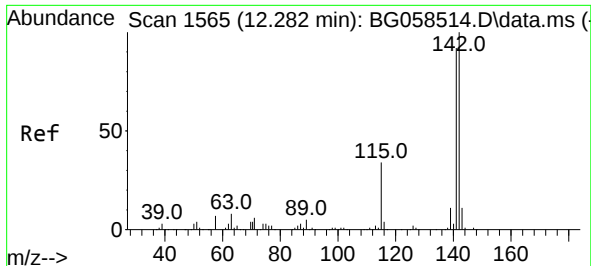
Tgt Ion: 82 Resp: 262585
Ion Ratio Lower Upper
82 100
128 40.9 32.2 48.2
54 59.0 46.0 69.0



#31
Naphthalene
Concen: 3.206 ng
RT: 10.668 min Scan# 1290
Delta R.T. 0.001 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Tgt Ion:128 Resp: 24671
Ion Ratio Lower Upper
128 100
129 28.0 8.8 13.2#
127 17.3 10.9 16.3#

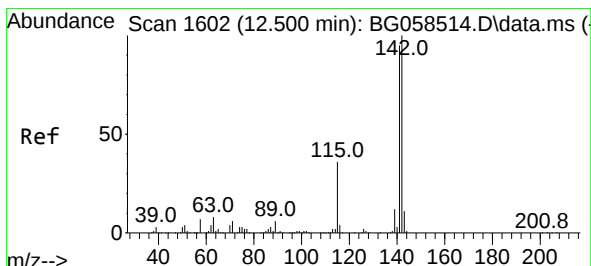
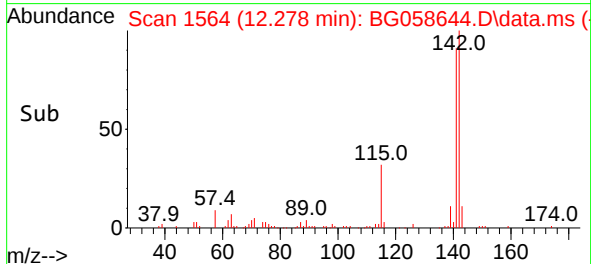
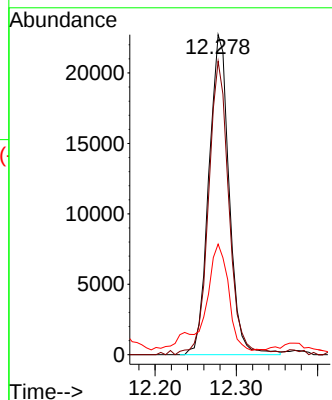
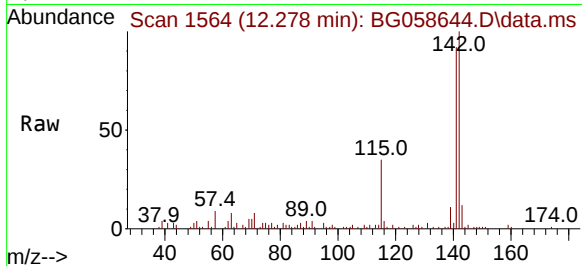




#37
2-Methylnaphthalene
Concen: 7.156 ng
RT: 12.278 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

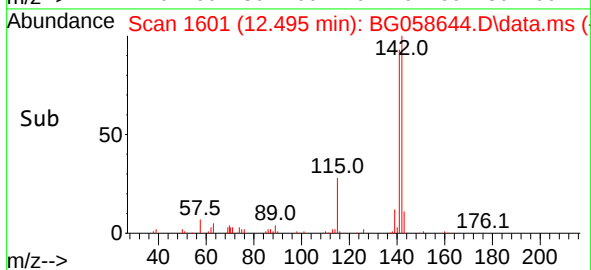
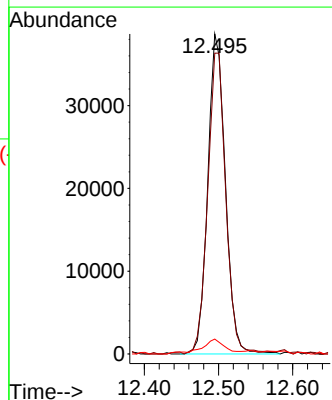
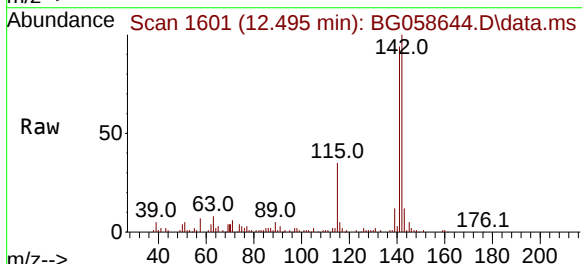
Instrument :
BNA_G
ClientSampleId :
MW-10W

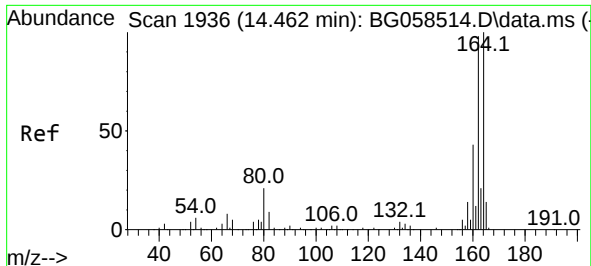
Tgt Ion:142 Resp: 39386
Ion Ratio Lower Upper
142 100
141 91.7 73.5 110.3
115 34.5 27.4 41.0



#38
1-Methylnaphthalene
Concen: 12.211 ng
RT: 12.495 min Scan# 1601
Delta R.T. -0.005 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Tgt Ion:142 Resp: 63888
Ion Ratio Lower Upper
142 100
141 94.0 75.7 113.5
116 4.6 3.2 4.8

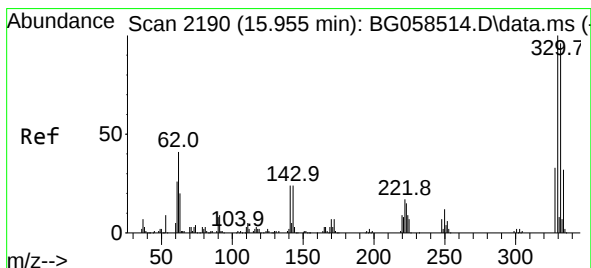
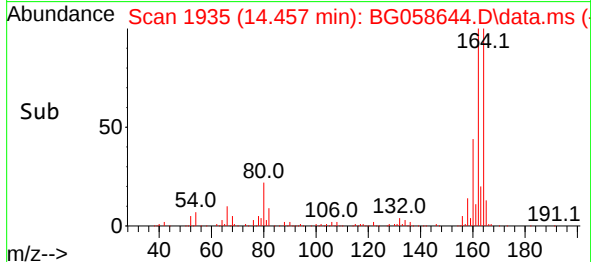
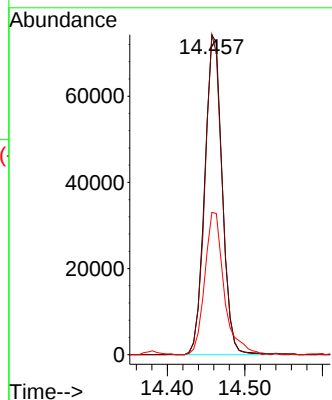
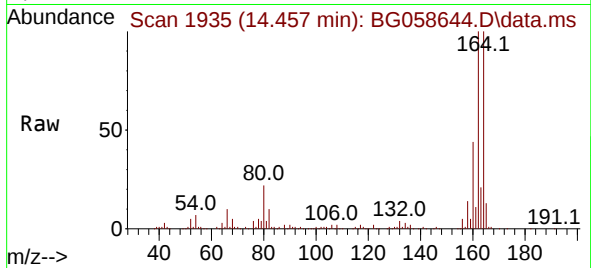




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

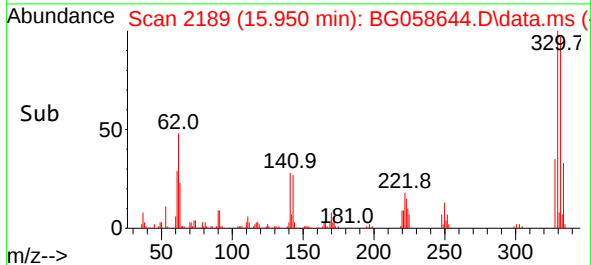
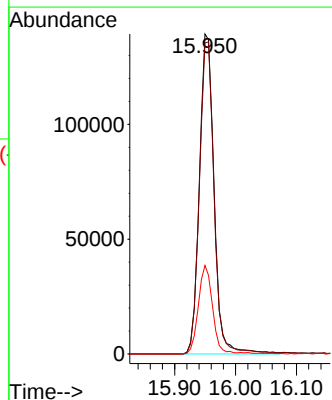
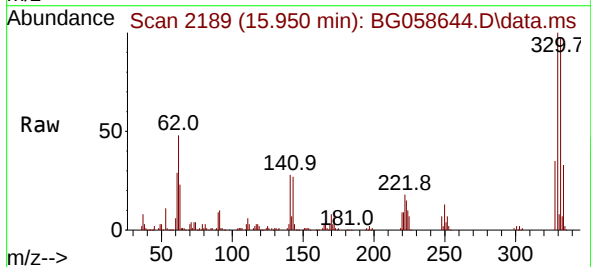
Instrument :
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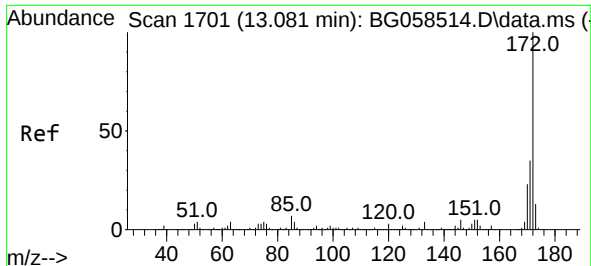
Tgt Ion:164 Resp: 116180
Ion Ratio Lower Upper
164 100
162 100.1 78.3 117.5
160 44.5 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 122.723 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Tgt Ion:330 Resp: 233699
Ion Ratio Lower Upper
330 100
332 97.8 77.5 116.3
141 26.5 20.7 31.1

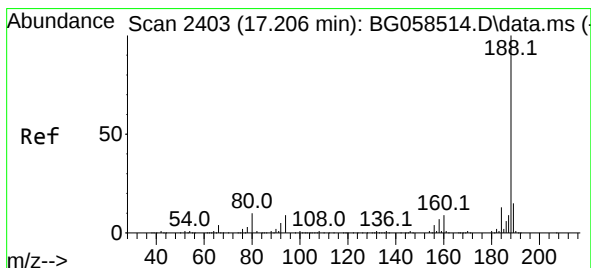
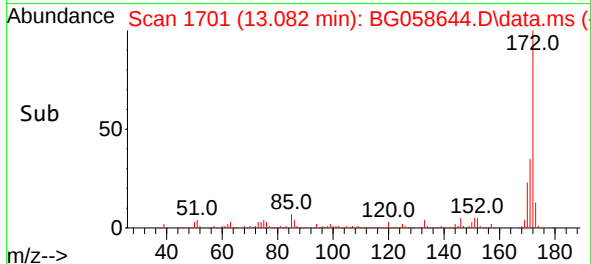
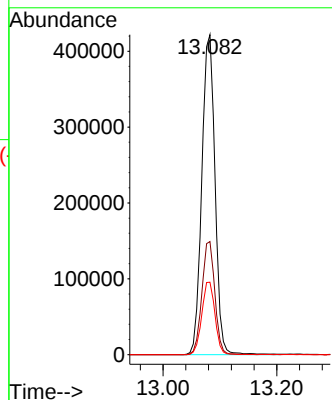
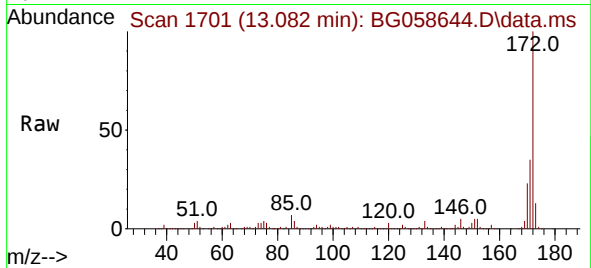




#45
2-Fluorobiphenyl
Concen: 87.776 ng
RT: 13.082 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

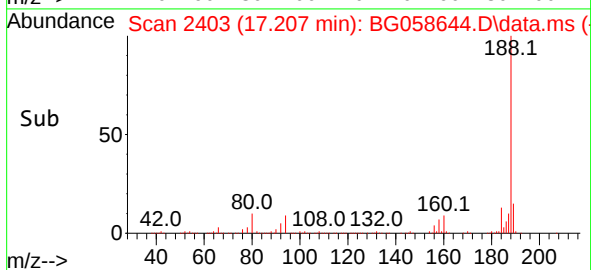
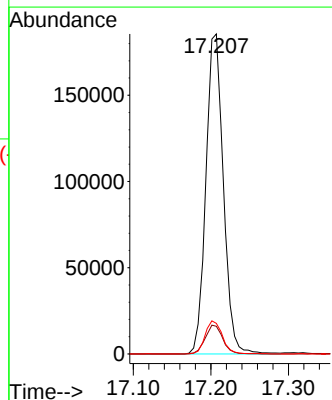
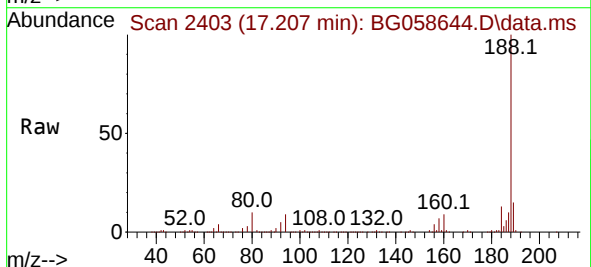
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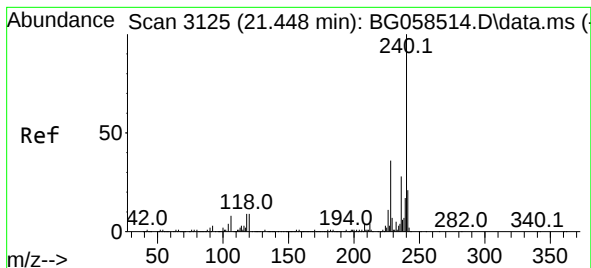
Tgt Ion:172 Resp: 680492
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 22.7 18.4 27.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058644.D
Acq: 8 Aug 2023 15:47

Tgt Ion:188 Resp: 289914
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.6 8.1 12.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.449 min Scan# 3125

Delta R.T. 0.001 min

Lab File: BG058644.D

Acq: 8 Aug 2023 15:47

Instrument :

BNA_G

ClientSampleId :

MW-10W

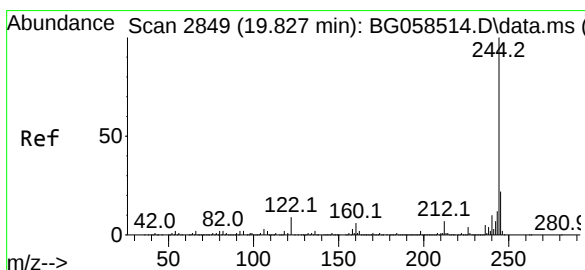
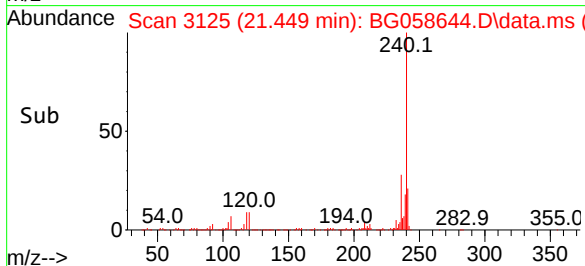
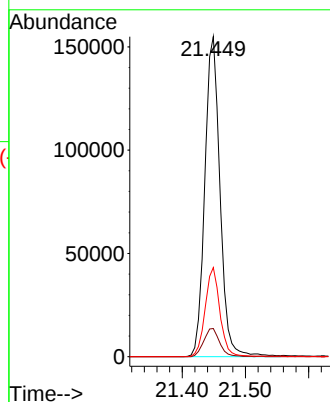
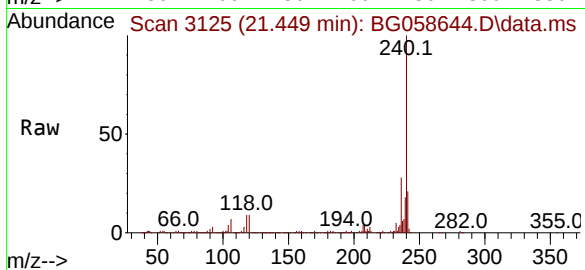
Tgt Ion:240 Resp: 258600

Ion Ratio Lower Upper

240 100

120 8.8 7.4 11.0

236 27.8 22.2 33.4



#79

Terphenyl-d14

Concen: 87.055 ng

RT: 19.828 min Scan# 2849

Delta R.T. 0.001 min

Lab File: BG058644.D

Acq: 8 Aug 2023 15:47

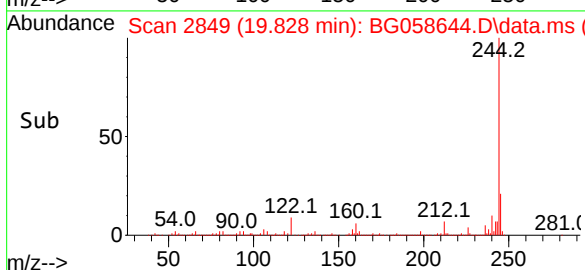
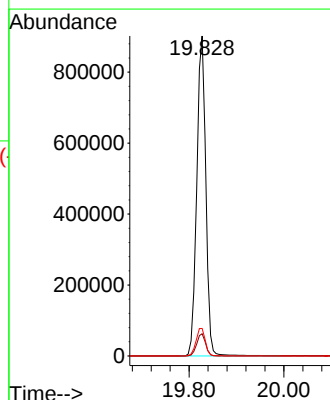
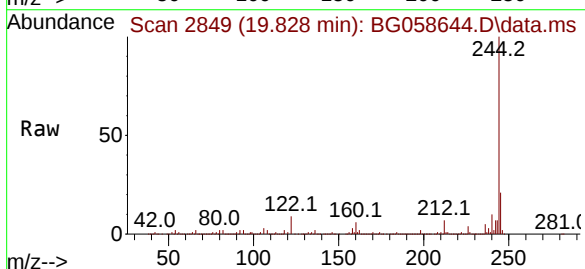
Tgt Ion:244 Resp: 1197135

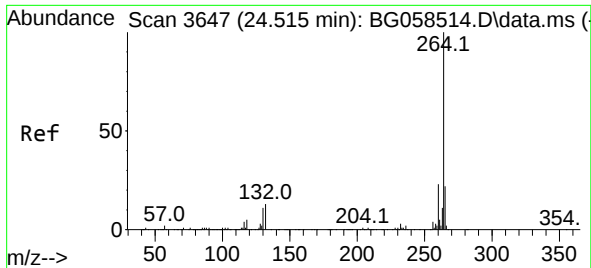
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 8.6 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.522 min Scan# 30
 Delta R.T. 0.007 min
 Lab File: BG058644.D
 Acq: 8 Aug 2023 15:47

Instrument :
 BNA_G
 ClientSampleId :
 MW-10W

Tgt Ion:264 Resp: 315664
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.4 27.6
 265 22.0 17.9 26.9

