

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
 Data File : BG058688.D
 Acq On : 10 Aug 2023 21:11
 Operator : MA/JU
 Sample : 03954-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-19

Quant Time: Aug 11 01:58:08 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)

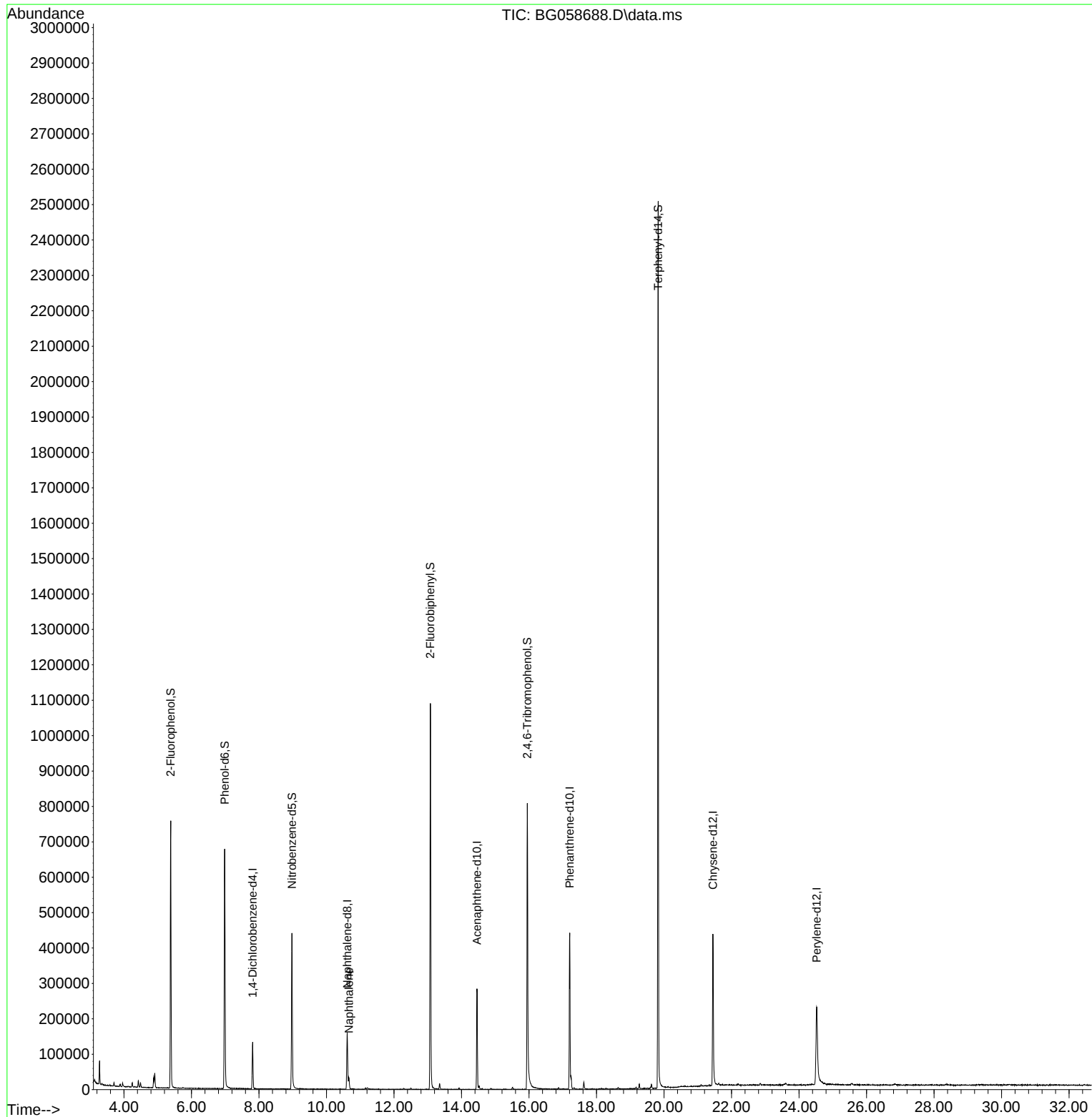
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	36564	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	149925	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	108482	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	304337	20.000	ng	0.00
76) Chrysene-d12	21.449	240	282534	20.000	ng	0.00
86) Perylene-d12	24.522	264	317903	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	316016	132.102	ng	0.00
7) Phenol-d6	6.983	99	415128	124.711	ng	0.00
23) Nitrobenzene-d5	8.975	82	283252	92.812	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	210309	118.278	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	642795	88.797	ng	0.00
79) Terphenyl-d14	19.827	244	1408610	93.756	ng	0.00
Target Compounds						
31) Naphthalene	10.662	128	27240	3.447	ng	Qvalue 99

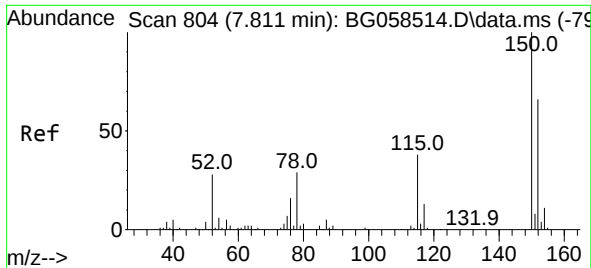
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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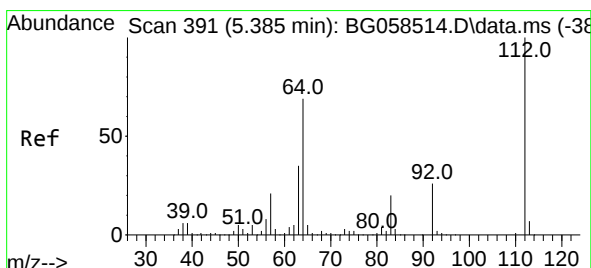
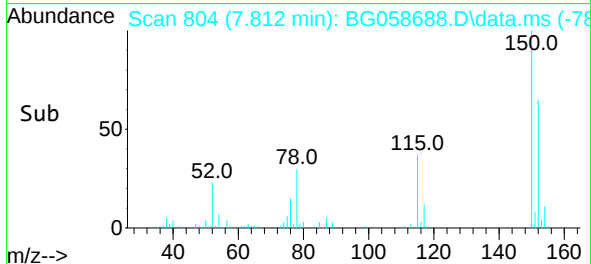
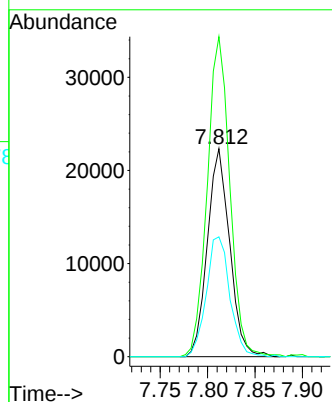
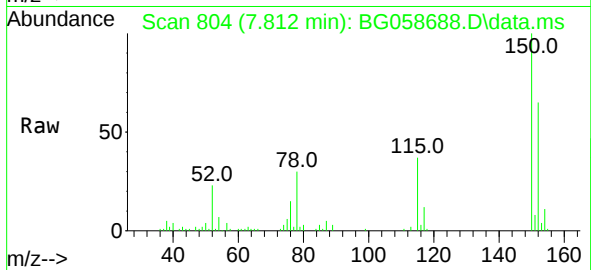




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058688.D
Acq: 10 Aug 2023 21:11

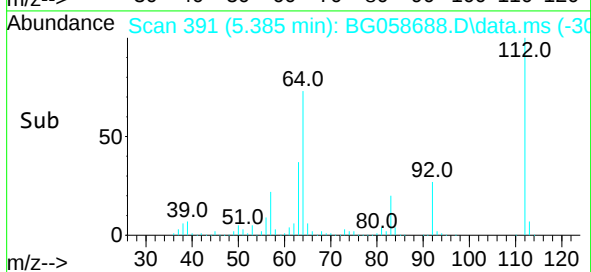
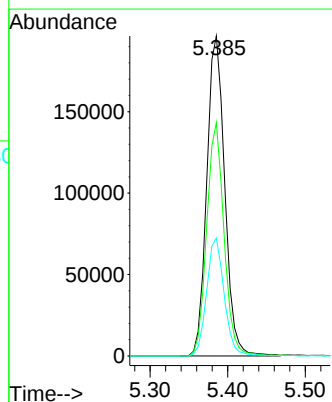
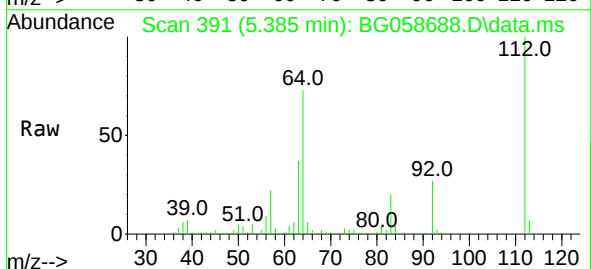
Instrument :
BNA_G
ClientSampleId :
WC-19

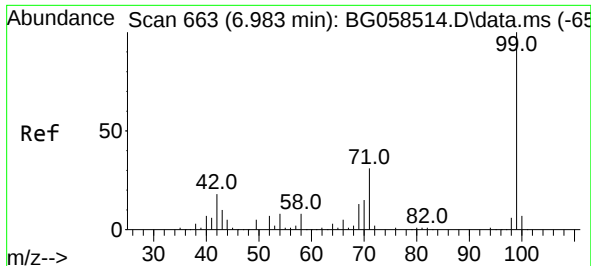
Tgt Ion:152 Resp: 36564
Ion Ratio Lower Upper
152 100
150 153.9 120.5 180.7
115 57.7 45.9 68.9



#5
2-Fluorophenol
Concen: 132.102 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058688.D
Acq: 10 Aug 2023 21:11

Tgt Ion:112 Resp: 316016
Ion Ratio Lower Upper
112 100
64 73.0 55.3 82.9
63 36.9 28.3 42.5

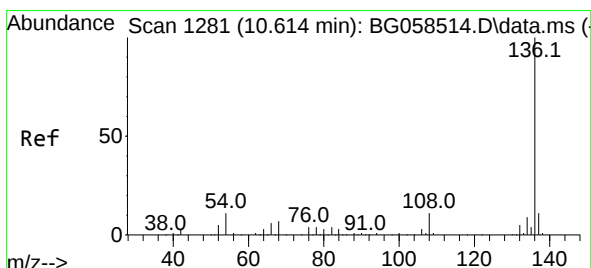
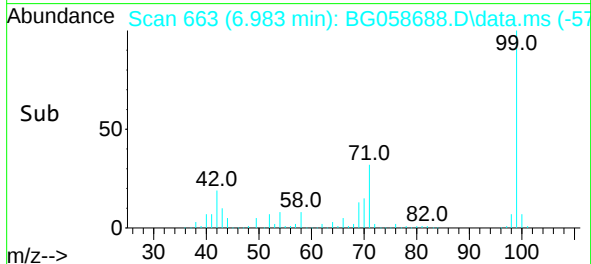
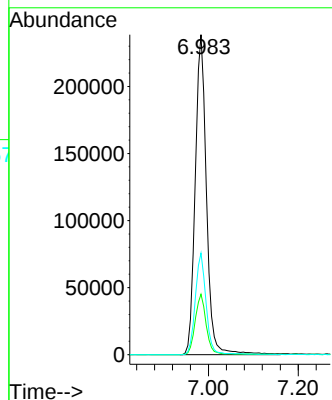
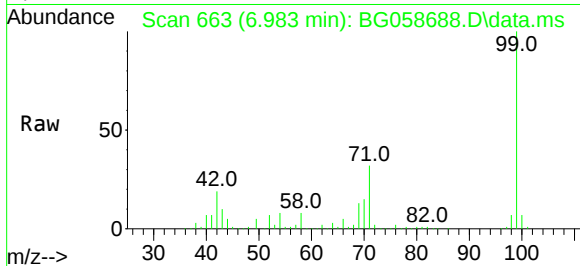




#7
Phenol-d6
Concen: 124.711 ng
RT: 6.983 min Scan# 663
Delta R.T. 0.001 min
Lab File: BG058688.D
Acq: 10 Aug 2023 21:11

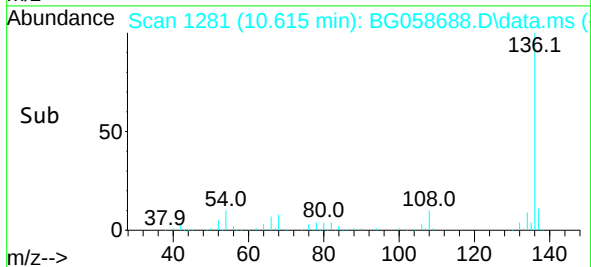
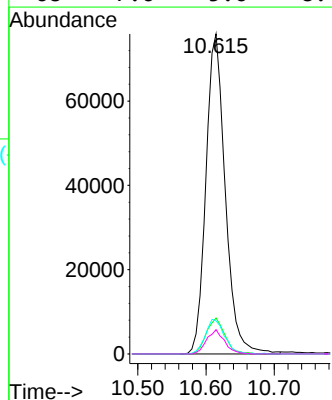
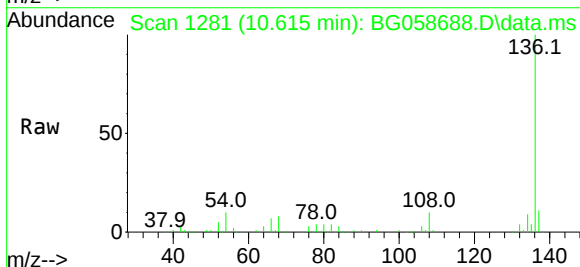
Instrument :
BNA_G
ClientSampleId :
WC-19

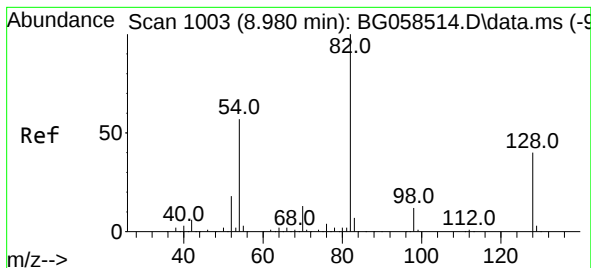
Tgt Ion: 99 Resp: 415128
Ion Ratio Lower Upper
99 100
42 18.9 14.6 21.8
71 31.8 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058688.D
Acq: 10 Aug 2023 21:11

Tgt Ion: 136 Resp: 149925
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 10.4 8.9 13.3
68 7.6 5.6 8.4





#23

Nitrobenzene-d5

Concen: 92.812 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.005 min

Lab File: BG058688.D

Acq: 10 Aug 2023 21:11

Instrument :

BNA_G

ClientSampleId :

WC-19

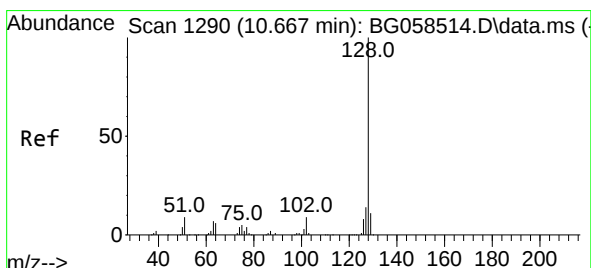
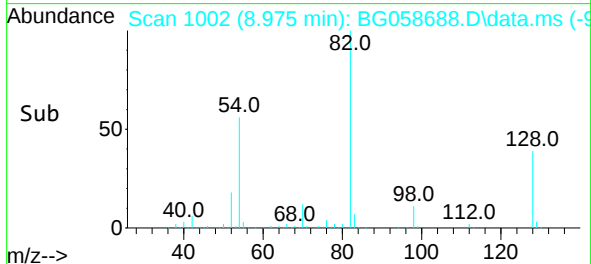
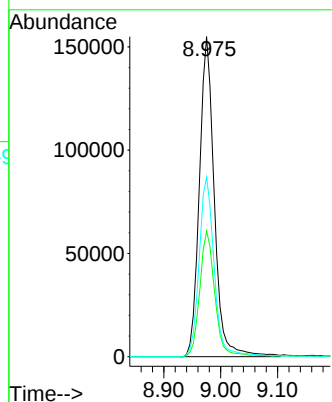
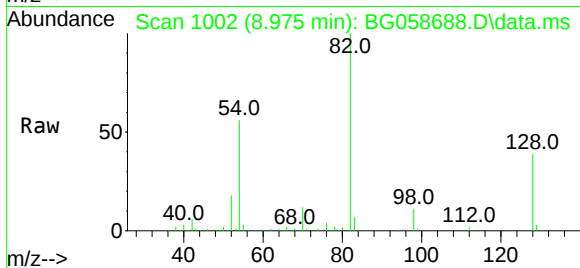
Tgt Ion: 82 Resp: 283252

Ion Ratio Lower Upper

82 100

128 39.3 32.2 48.2

54 56.1 46.0 69.0



#31

Naphthalene

Concen: 3.447 ng

RT: 10.662 min Scan# 1289

Delta R.T. -0.005 min

Lab File: BG058688.D

Acq: 10 Aug 2023 21:11

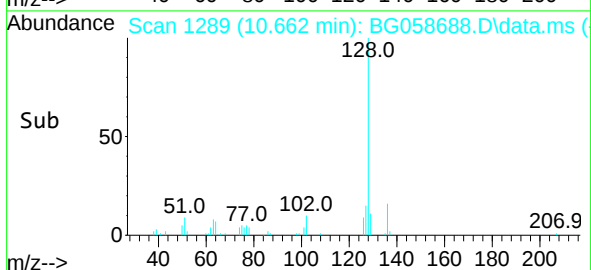
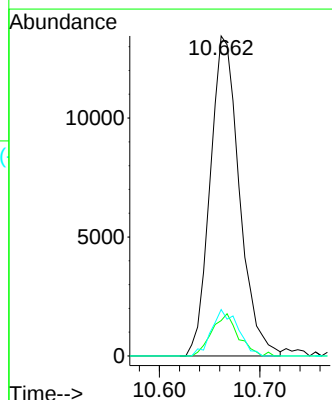
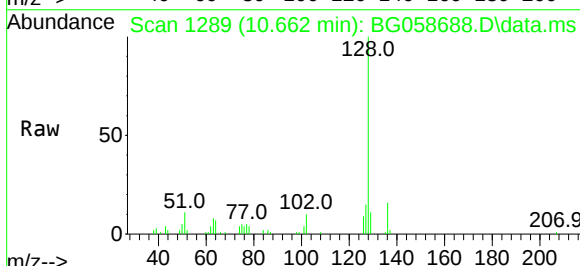
Tgt Ion:128 Resp: 27240

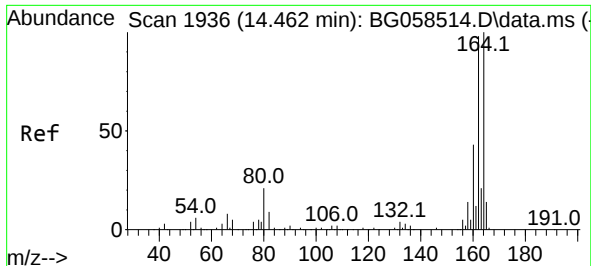
Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 14.5 10.9 16.3

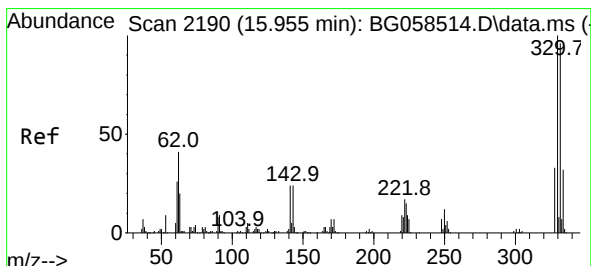
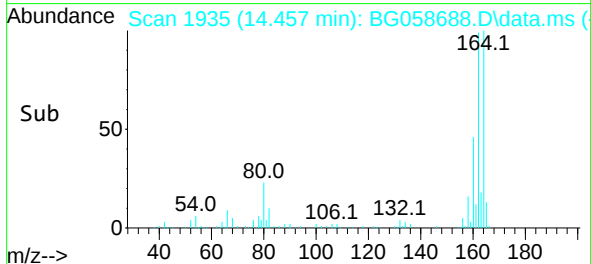
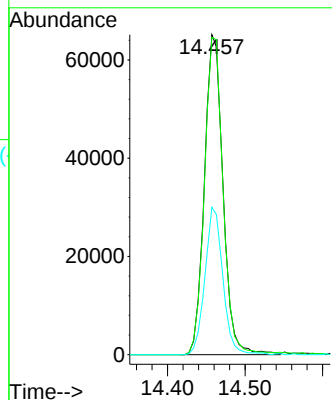
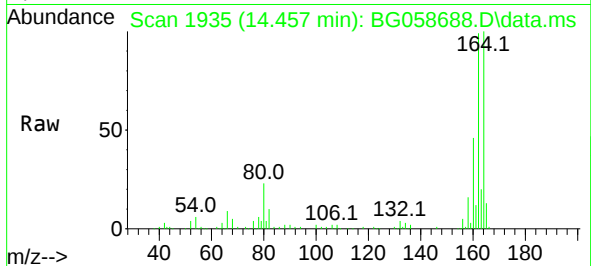




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058688.D
Acq: 10 Aug 2023 21:11

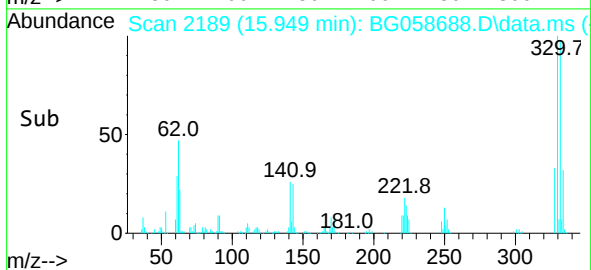
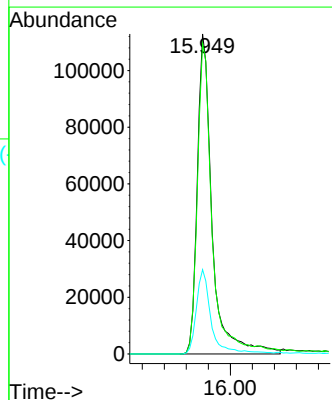
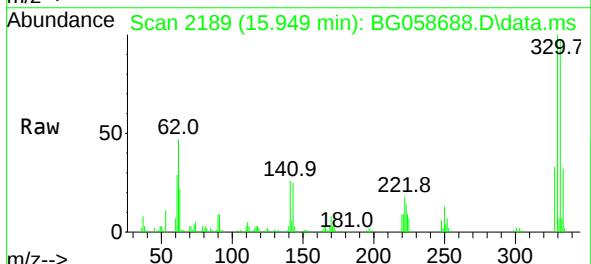
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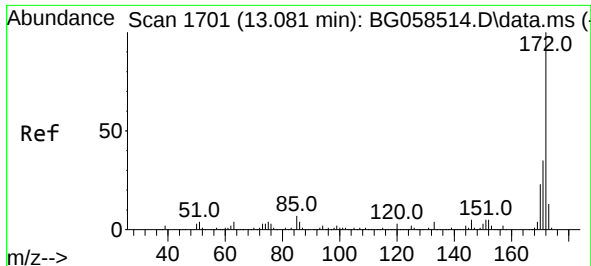
Tgt Ion:164 Resp: 108482
Ion Ratio Lower Upper
164 100
162 99.1 78.3 117.5
160 46.1 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 118.278 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BG058688.D
Acq: 10 Aug 2023 21:11

Tgt Ion:330 Resp: 210309
Ion Ratio Lower Upper
330 100
332 94.6 77.5 116.3
141 26.5 20.7 31.1

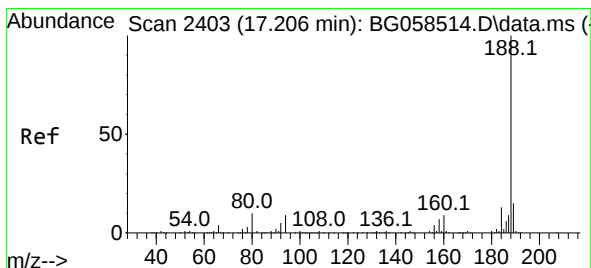
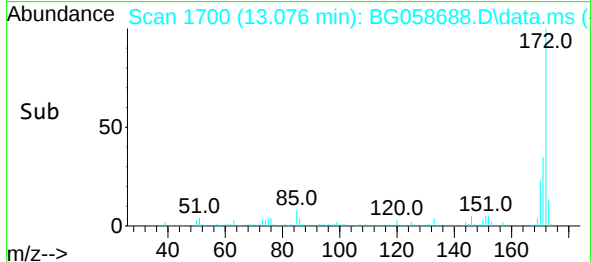
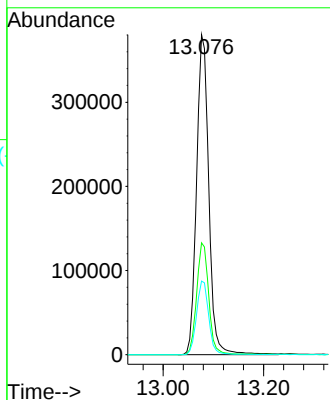
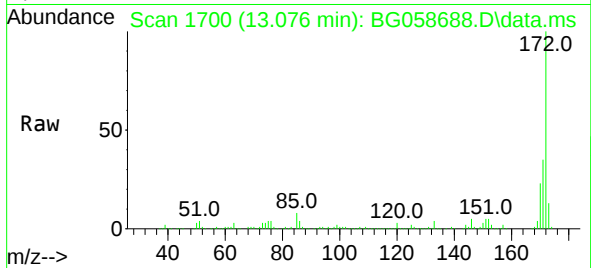




#45
2-Fluorobiphenyl
Concen: 88.797 ng
RT: 13.076 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG058688.D
Acq: 10 Aug 2023 21:11

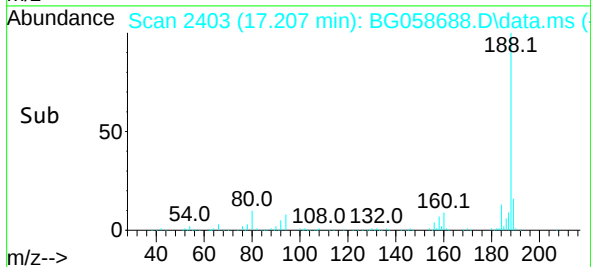
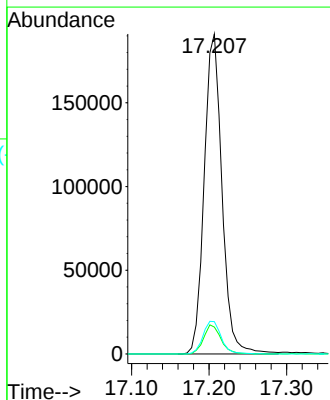
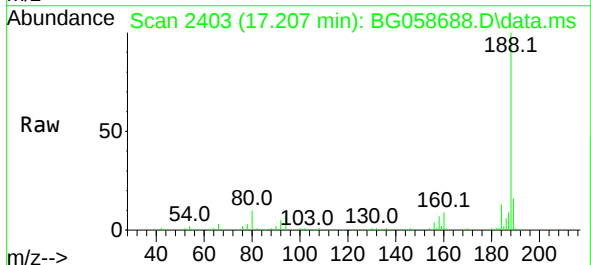
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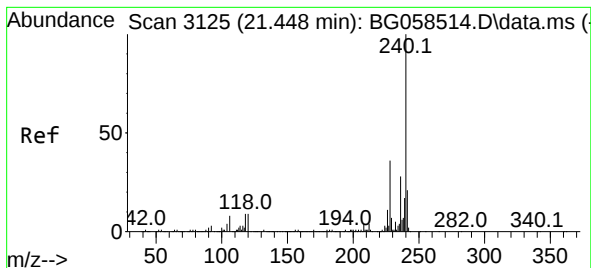
Tgt Ion:172 Resp: 642795
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.0 18.4 27.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058688.D
Acq: 10 Aug 2023 21:11

Tgt Ion:188 Resp: 304337
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 10.1 8.1 12.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.449 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG058688.D

Acq: 10 Aug 2023 21:11

Instrument :

BNA_G

ClientSampleId :

WC-19

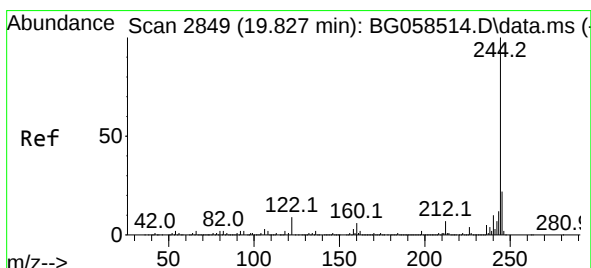
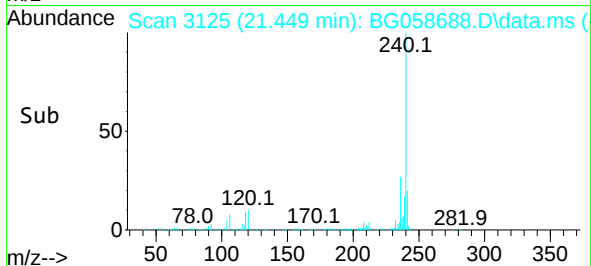
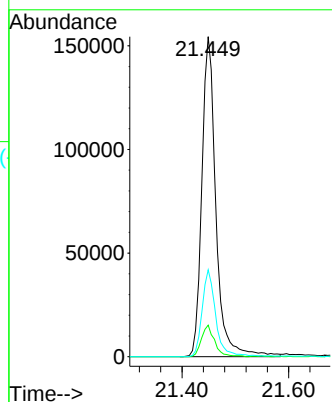
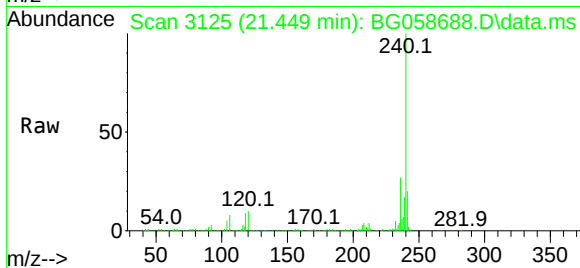
Tgt Ion:240 Resp: 282534

Ion Ratio Lower Upper

240 100

120 9.9 7.4 11.0

236 27.1 22.2 33.4



#79

Terphenyl-d14

Concen: 93.756 ng

RT: 19.827 min Scan# 2849

Delta R.T. 0.001 min

Lab File: BG058688.D

Acq: 10 Aug 2023 21:11

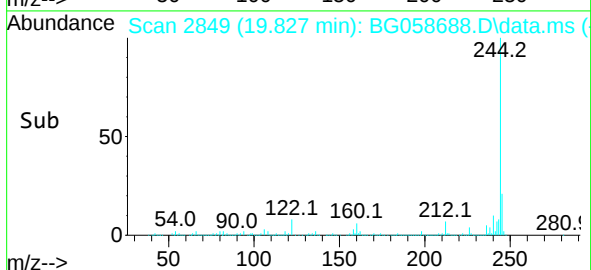
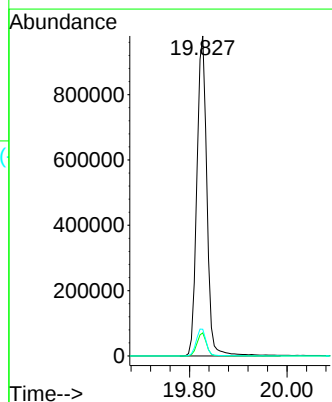
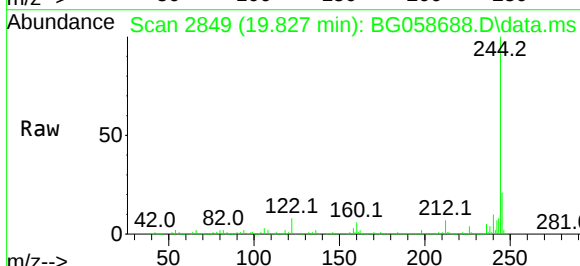
Tgt Ion:244 Resp: 1408610

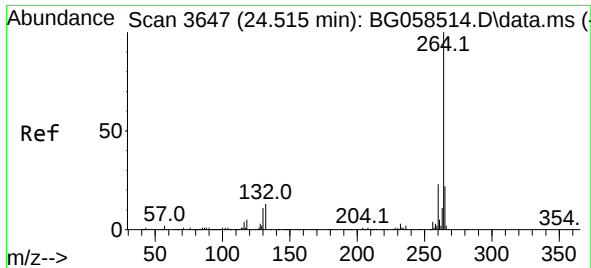
Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 8.4 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: BG058688.D
 Acq: 10 Aug 2023 21:11

Instrument :
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 ClientSampleId :
 WC-19

Tgt Ion:264 Resp: 317903
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.4 27.6
 265 22.2 17.9 26.9

