

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041723\
 Data File : BG057116.D
 Acq On : 17 Apr 2023 18:28
 Operator : CG/JU
 Sample : 02366-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20230348-COMP-26

Quant Time: Apr 17 19:23:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 19:00:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

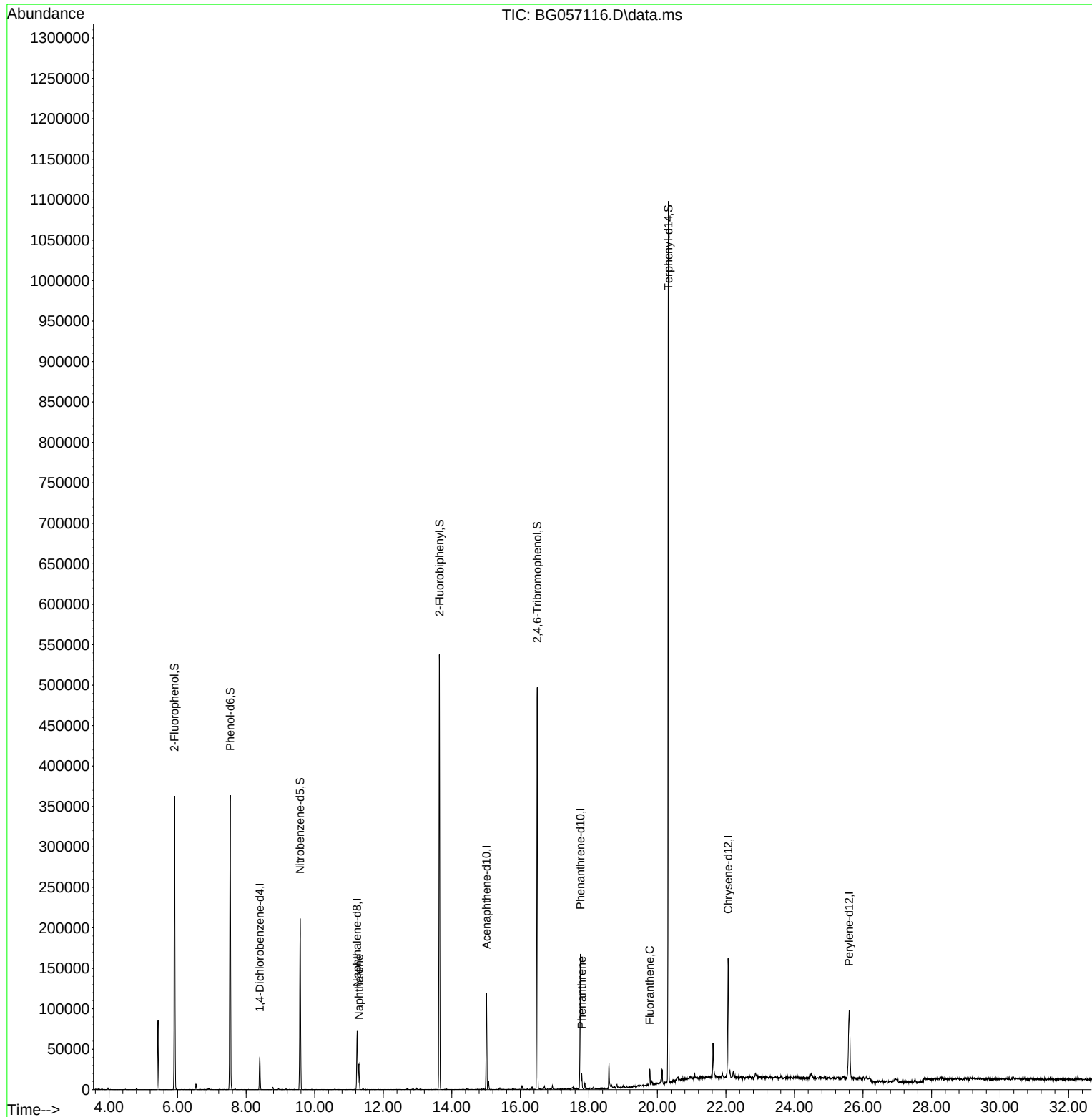
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.401	152	11106	20.000	ng	0.00
21) Naphthalene-d8	11.238	136	59109	20.000	ng	#-0.01
39) Acenaphthene-d10	15.016	164	42032	20.000	ng	0.00
64) Phenanthrene-d10	17.753	188	101703	20.000	ng	-0.01
76) Chrysene-d12	22.065	240	90344	20.000	ng	#-0.02
86) Perylene-d12	25.595	264	99158	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.910	112	151840	218.811	ng	0.00
7) Phenol-d6	7.538	99	213124	205.349	ng	0.00
23) Nitrobenzene-d5	9.576	82	133607	92.488	ng	-0.01
42) 2,4,6-Tribromophenol	16.496	330	103513	154.158	ng	0.00
45) 2-Fluorobiphenyl	13.641	172	281378	90.776	ng	0.00
79) Terphenyl-d14	20.320	244	509295	95.392	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.291	128	25930	8.048	ng	# 95
71) Phenanthrene	17.794	178	11572	2.232	ng	96
75) Fluoranthene	19.780	202	13203	2.009	ng	97

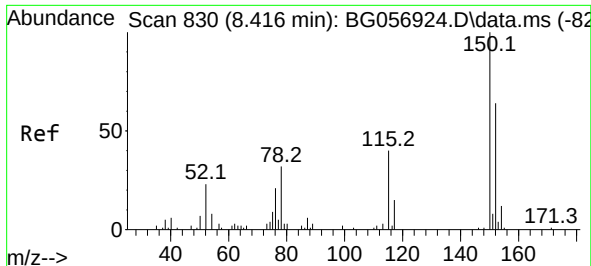
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 17 19:23:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 19:00:08 2023
Response via : Initial Calibration

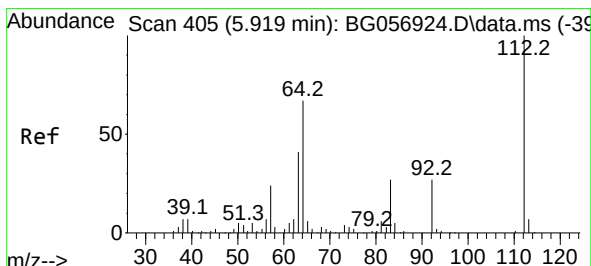
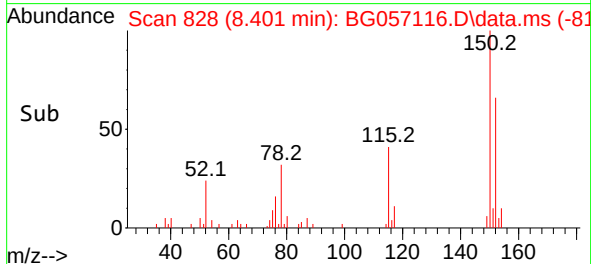
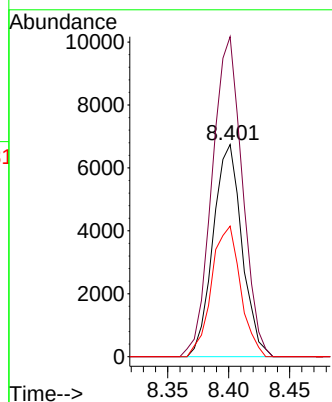
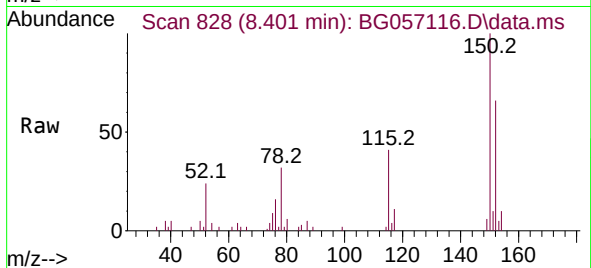




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.401 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG057116.D
Acq: 17 Apr 2023 18:28

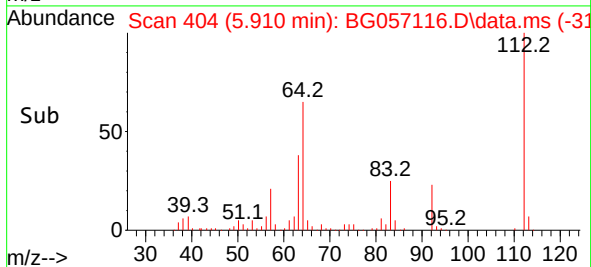
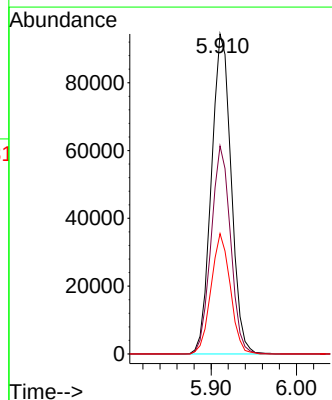
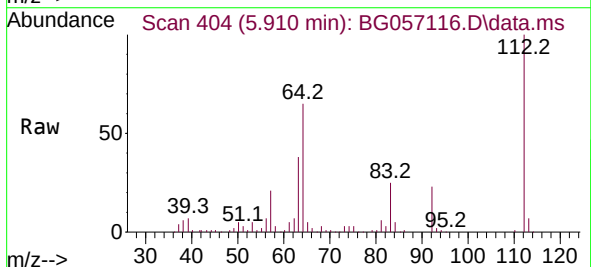
Instrument :
BNA_G
ClientSampleId :
20230348-COMP-26

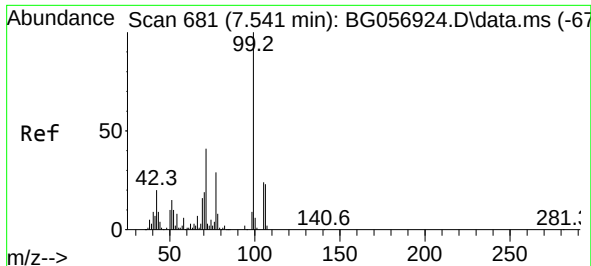
Tgt Ion:152 Resp: 11106
Ion Ratio Lower Upper
152 100
150 150.8 124.1 186.1
115 61.5 49.1 73.7



#5
2-Fluorophenol
Concen: 218.811 ng
RT: 5.910 min Scan# 404
Delta R.T. -0.004 min
Lab File: BG057116.D
Acq: 17 Apr 2023 18:28

Tgt Ion:112 Resp: 151840
Ion Ratio Lower Upper
112 100
64 65.0 53.2 79.8
63 37.6 32.6 48.8

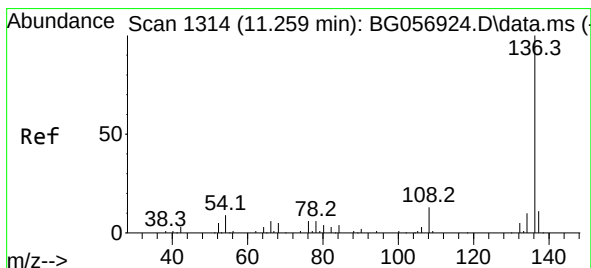
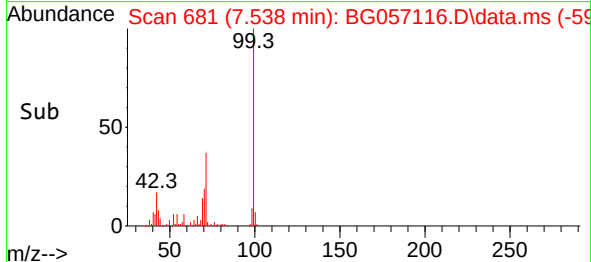
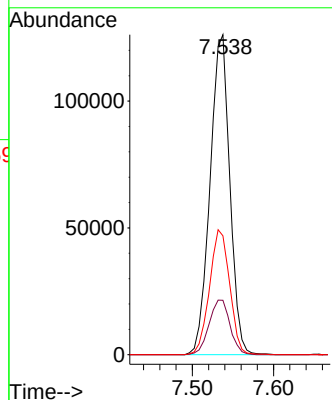
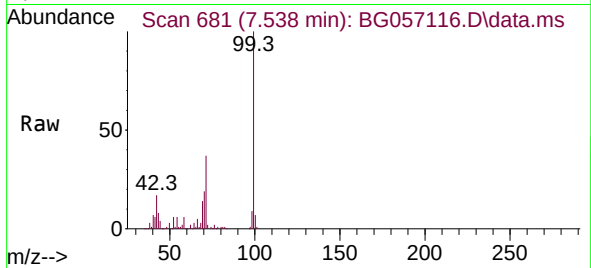




#7
Phenol-d6
Concen: 205.349 ng
RT: 7.538 min Scan# 681
Delta R.T. 0.002 min
Lab File: BG057116.D
Acq: 17 Apr 2023 18:28

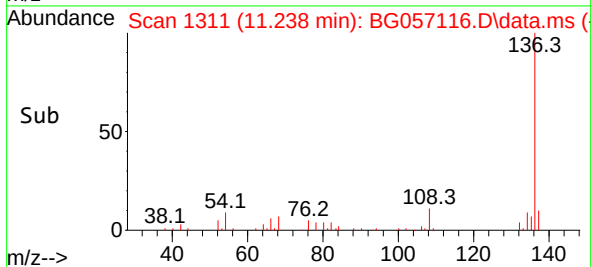
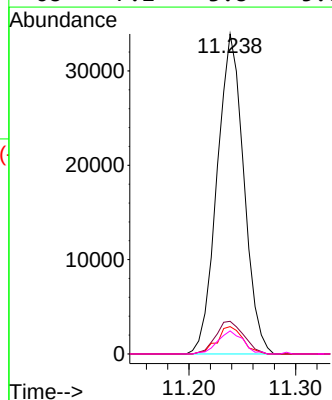
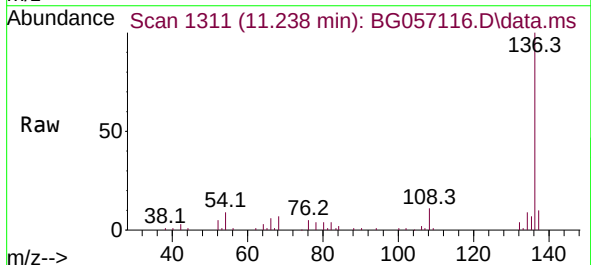
Instrument :
BNA_G
ClientSampleId :
20230348-COMP-26

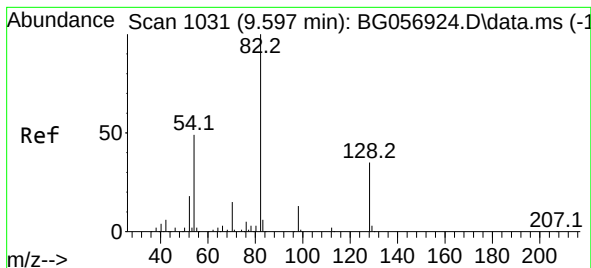
Tgt Ion: 99 Resp: 213124
Ion Ratio Lower Upper
99 100
42 17.0 15.7 23.5
71 37.1 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.238 min Scan# 1311
Delta R.T. -0.010 min
Lab File: BG057116.D
Acq: 17 Apr 2023 18:28

Tgt Ion: 136 Resp: 59109
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 8.6 6.9 10.3
68 7.2 3.8 5.6#





#23

Nitrobenzene-d5

Concen: 92.488 ng

RT: 9.576 min Scan# 1031

Delta R.T. -0.010 min

Lab File: BG057116.D

Acq: 17 Apr 2023 18:28

Instrument :

BNA_G

ClientSampleId :

20230348-COMP-26

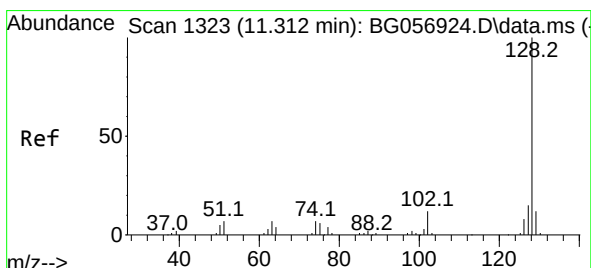
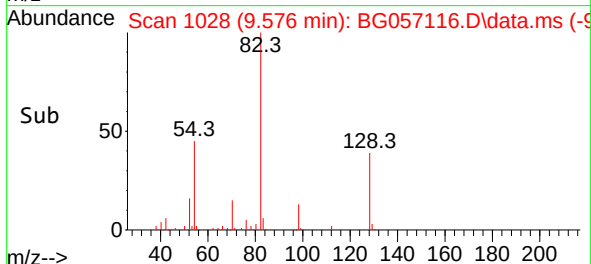
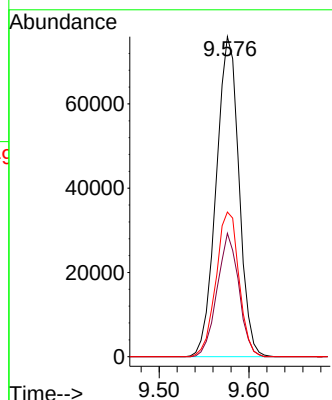
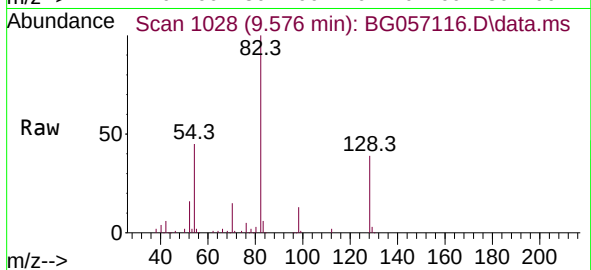
Tgt Ion: 82 Resp: 133607

Ion Ratio Lower Upper

82 100

128 38.6 27.9 41.9

54 45.2 39.4 59.2



#31

Naphthalene

Concen: 8.048 ng

RT: 11.291 min Scan# 1320

Delta R.T. -0.010 min

Lab File: BG057116.D

Acq: 17 Apr 2023 18:28

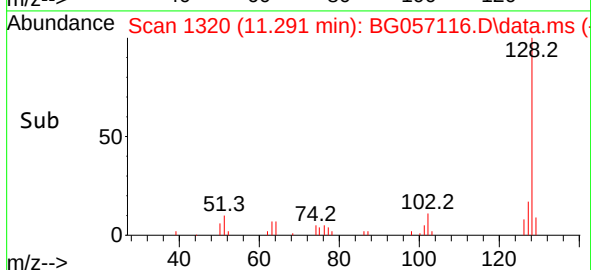
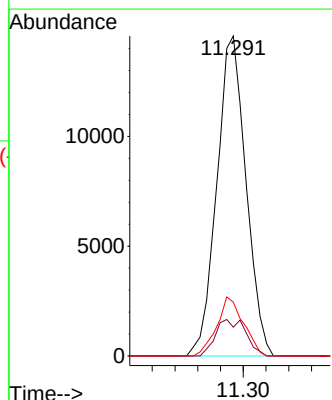
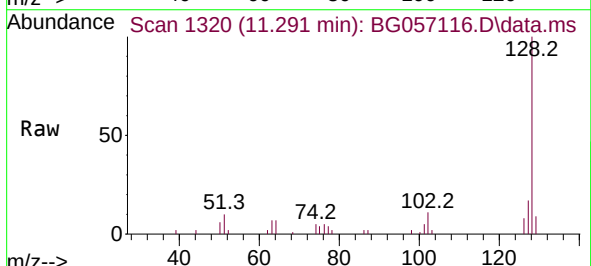
Tgt Ion: 128 Resp: 25930

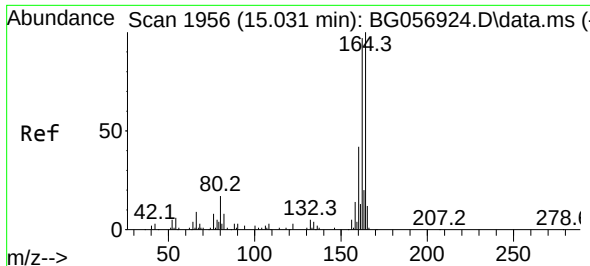
Ion Ratio Lower Upper

128 100

129 9.0 9.4 14.2#

127 16.8 12.2 18.4

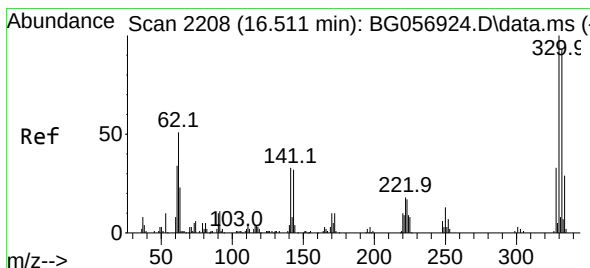
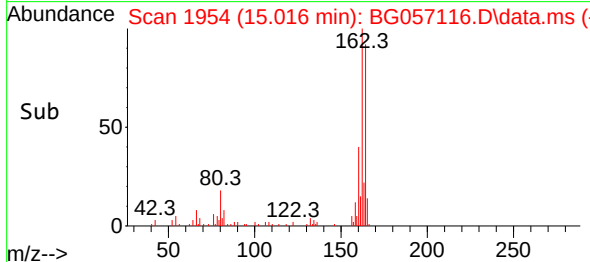
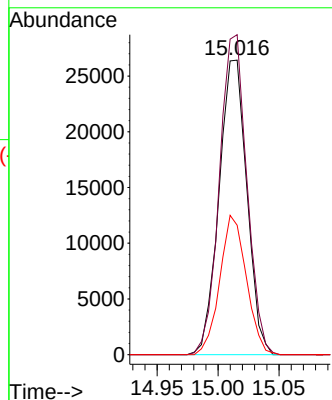
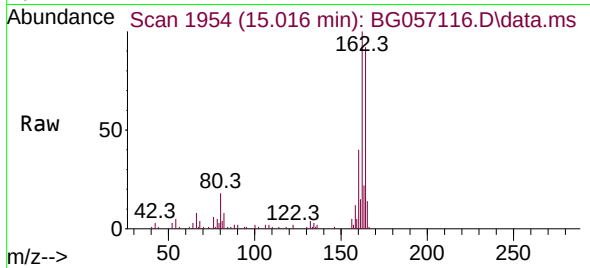




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.016 min Scan# 1954
Delta R.T. -0.004 min
Lab File: BG057116.D
Acq: 17 Apr 2023 18:28

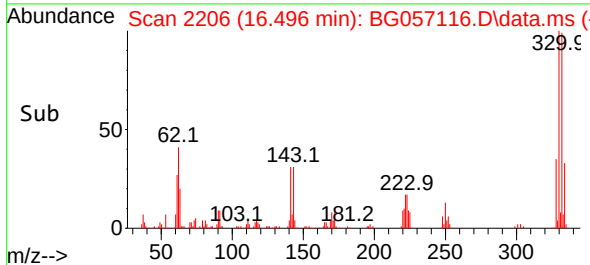
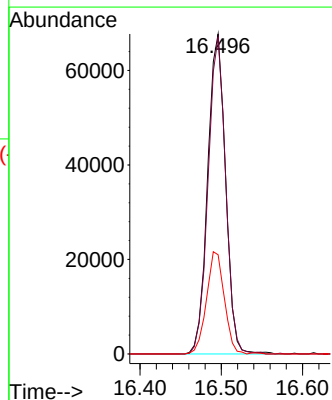
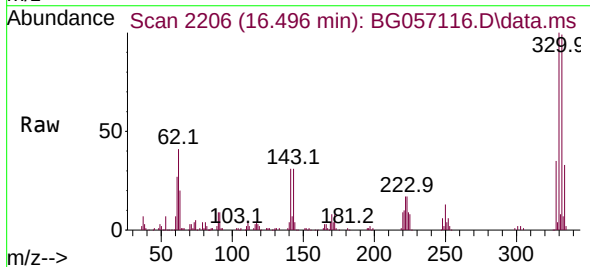
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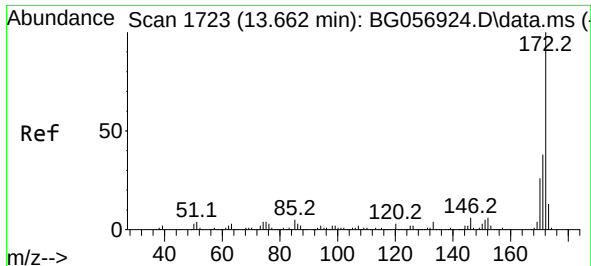
Tgt Ion:164 Resp: 42032
Ion Ratio Lower Upper
164 100
162 108.6 77.8 116.8
160 43.9 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 154.158 ng
RT: 16.496 min Scan# 2206
Delta R.T. -0.004 min
Lab File: BG057116.D
Acq: 17 Apr 2023 18:28

Tgt Ion:330 Resp: 103513
Ion Ratio Lower Upper
330 100
332 97.1 76.1 114.1
141 31.8 25.8 38.6

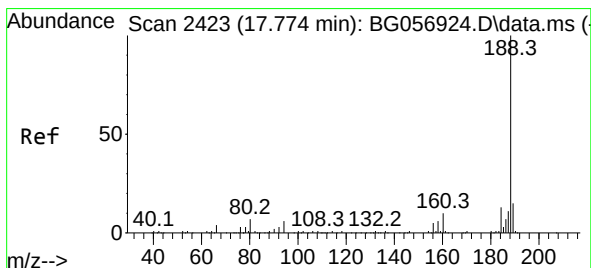
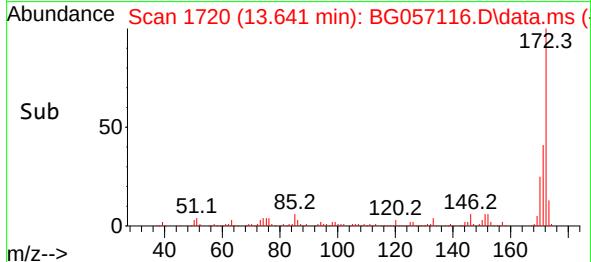
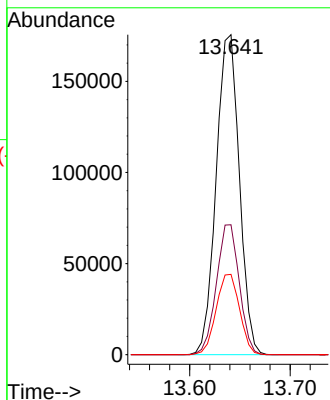
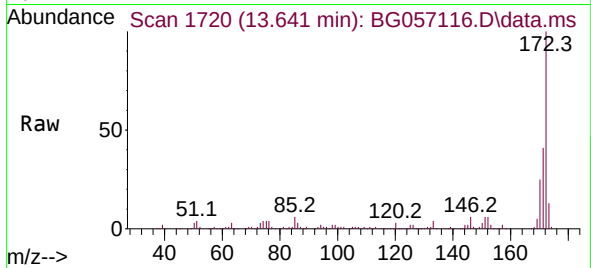




#45
2-Fluorobiphenyl
Concen: 90.776 ng
RT: 13.641 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG057116.D
Acq: 17 Apr 2023 18:28

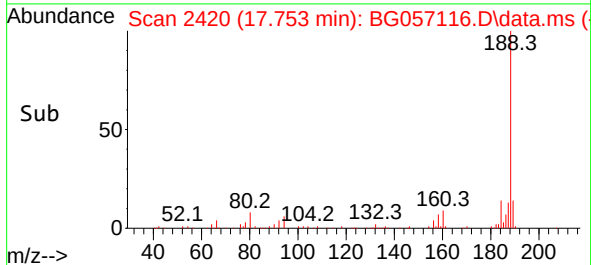
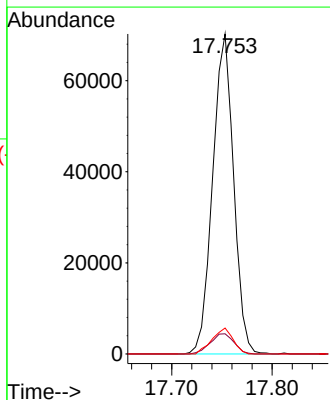
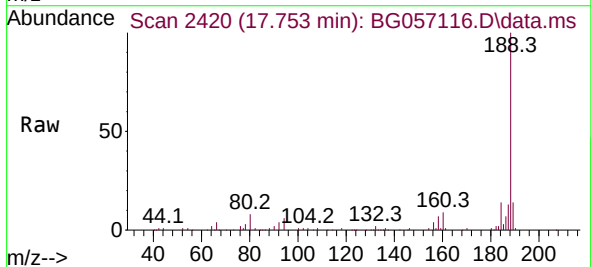
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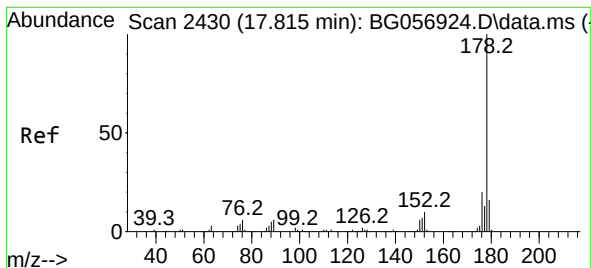
Tgt Ion:172 Resp: 281378
Ion Ratio Lower Upper
172 100
171 40.6 30.6 46.0
170 25.1 20.6 30.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.753 min Scan# 2420
Delta R.T. -0.010 min
Lab File: BG057116.D
Acq: 17 Apr 2023 18:28

Tgt Ion:188 Resp: 101703
Ion Ratio Lower Upper
188 100
94 6.3 4.6 6.8
80 8.1 5.5 8.3





#71

Phenanthrene

Concen: 2.232 ng

RT: 17.794 min Scan# 24

Delta R.T. -0.010 min

Lab File: BG057116.D

Acq: 17 Apr 2023 18:28

Instrument :

BNA_G

ClientSampleId :

20230348-COMP-26

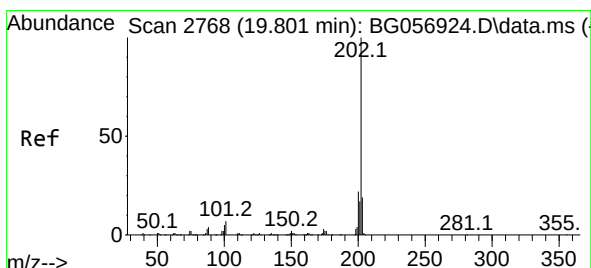
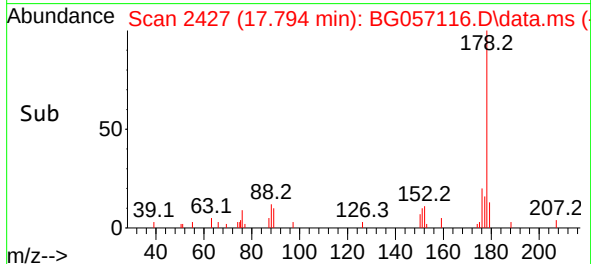
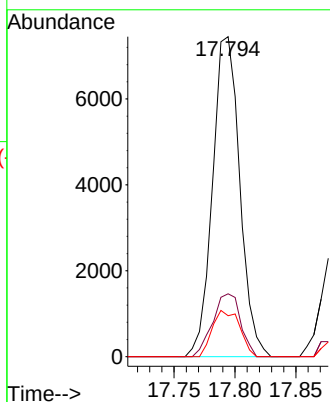
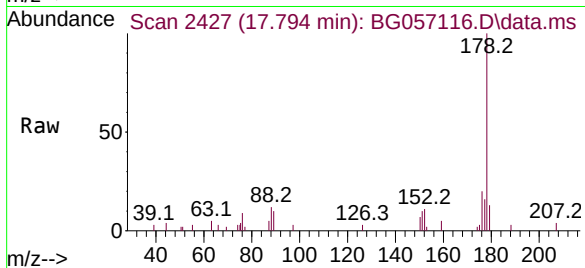
Tgt Ion:178 Resp: 11572

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.2

179 12.8 12.5 18.7



#75

Fluoranthene

Concen: 2.009 ng

RT: 19.780 min Scan# 2765

Delta R.T. -0.010 min

Lab File: BG057116.D

Acq: 17 Apr 2023 18:28

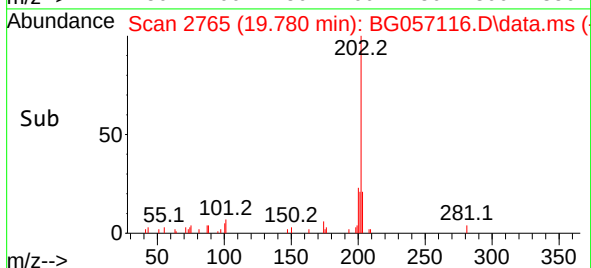
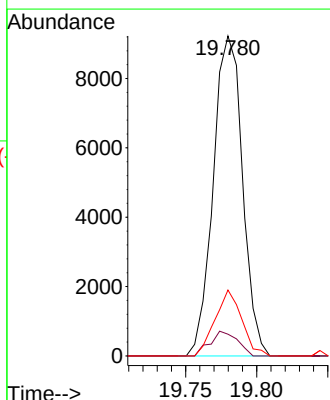
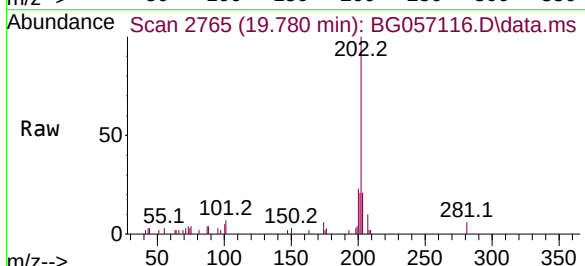
Tgt Ion:202 Resp: 13203

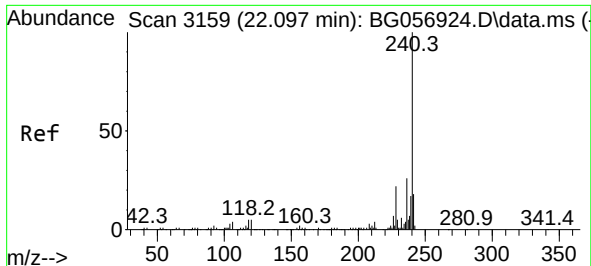
Ion Ratio Lower Upper

202 100

101 6.8 0.0 26.7

203 20.6 0.0 39.0

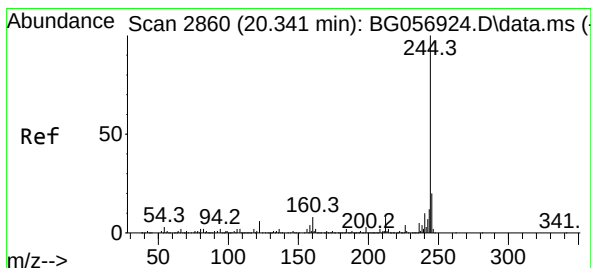
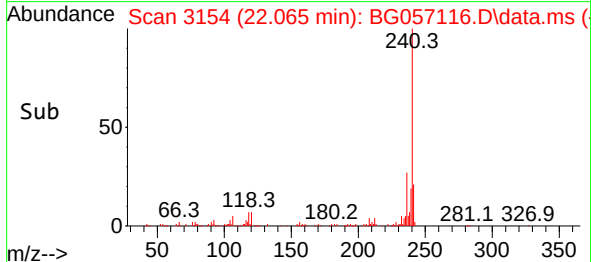
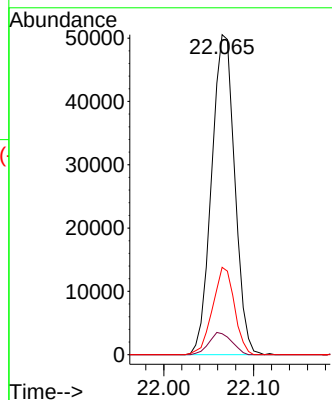
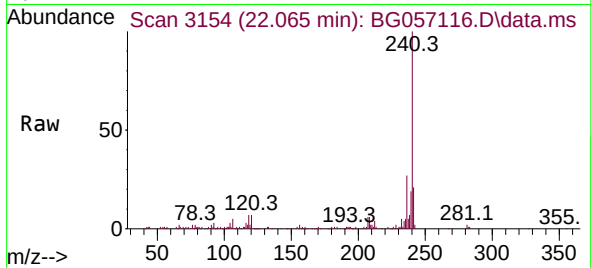




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.065 min Scan# 31
Delta R.T. -0.016 min
Lab File: BG057116.D
Acq: 17 Apr 2023 18:28

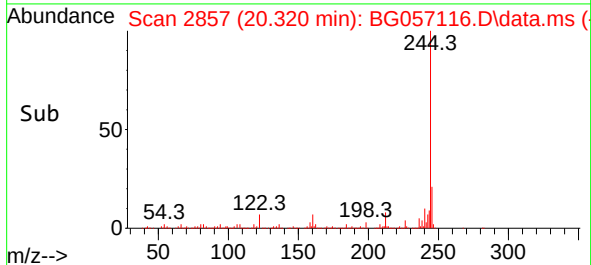
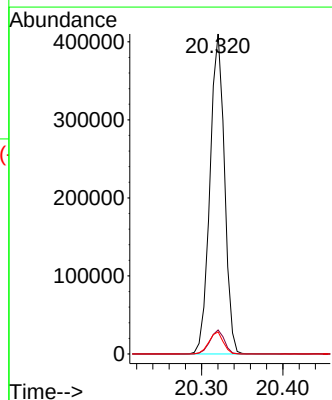
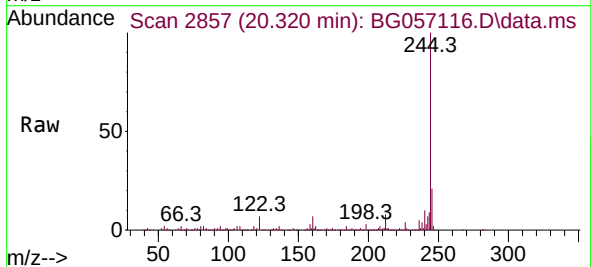
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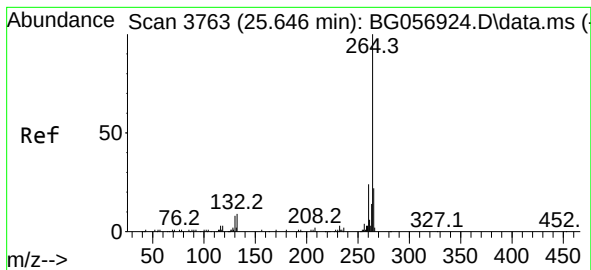
Tgt Ion:240 Resp: 90344
Ion Ratio Lower Upper
240 100
120 6.5 3.8 5.6#
236 27.3 21.0 31.6



#79
Terphenyl-d14
Concen: 95.392 ng
RT: 20.320 min Scan# 2857
Delta R.T. -0.004 min
Lab File: BG057116.D
Acq: 17 Apr 2023 18:28

Tgt Ion:244 Resp: 509295
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 6.9 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.595 min Scan# 31

Delta R.T. -0.016 min

Lab File: BG057116.D

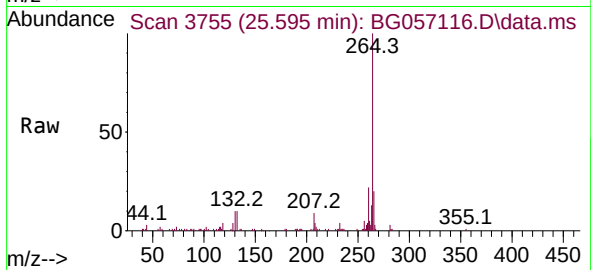
Acq: 17 Apr 2023 18:28

Instrument :

BNA_G

ClientSampleId :

20230348-COMP-26



Tgt Ion:264 Resp: 99158

Ion Ratio Lower Upper

264 100

260 22.2 19.0 28.4

265 20.1 17.8 26.6

