

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
 Data File : BG056568.D
 Acq On : 7 Feb 2023 15:18
 Operator : CG/JU
 Sample : 01462-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Quant Time: Feb 08 03:05:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 03:02:11 2023
 Response via : Initial Calibration

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

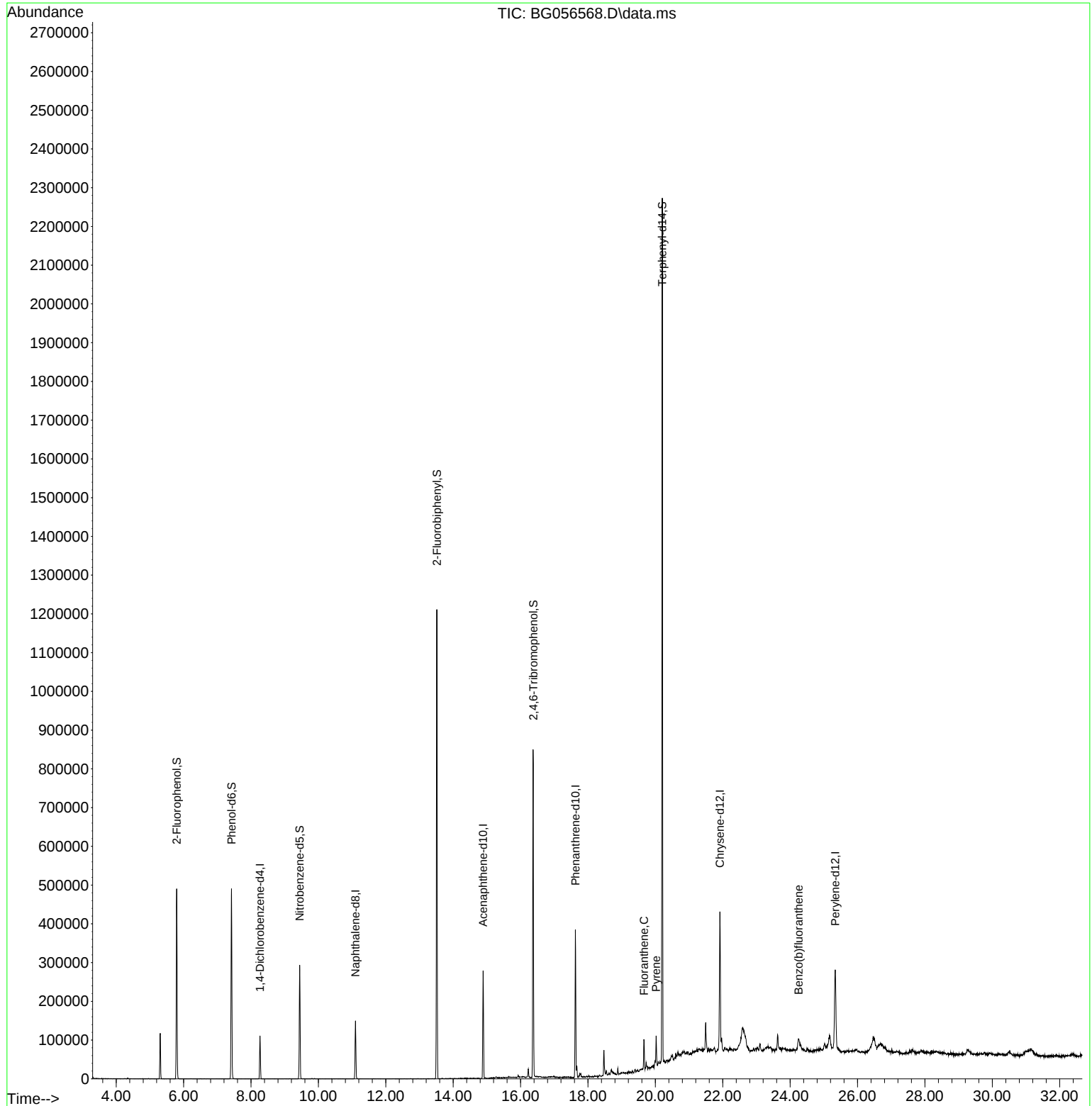
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.268	152	36995	20.000	ng	# 0.00
21) Naphthalene-d8	11.100	136	140085	20.000	ng	0.00
39) Acenaphthene-d10	14.889	164	106975	20.000	ng	0.00
64) Phenanthrene-d10	17.627	188	261051	20.000	ng	0.00
76) Chrysene-d12	21.916	240	239399	20.000	ng	0.00
86) Perylene-d12	25.336	264	261479	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	282003	140.226	ng	0.00
7) Phenol-d6	7.422	99	383654	128.755	ng	0.00
23) Nitrobenzene-d5	9.443	82	202021	81.891	ng	0.00
42) 2,4,6-Tribromophenol	16.376	330	183780	129.225	ng	0.00
45) 2-Fluorobiphenyl	13.515	172	668635	86.657	ng	0.00
79) Terphenyl-d14	20.207	244	1184612	86.910	ng	0.00
Target Compounds						
75) Fluoranthene	19.660	202	53669	3.112	ng	Qvalue 98
78) Pyrene	20.025	202	52967	3.111	ng	98
88) Benzo(b)fluoranthene	24.249	252	38232	2.356	ng	# 93

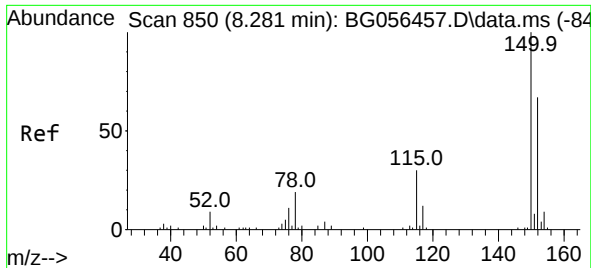
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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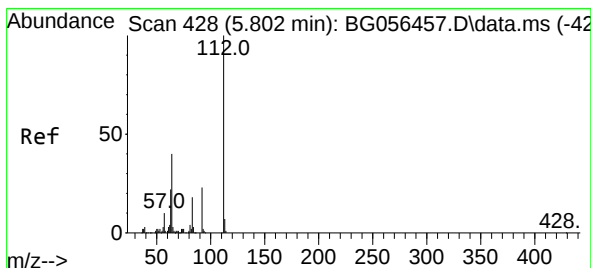
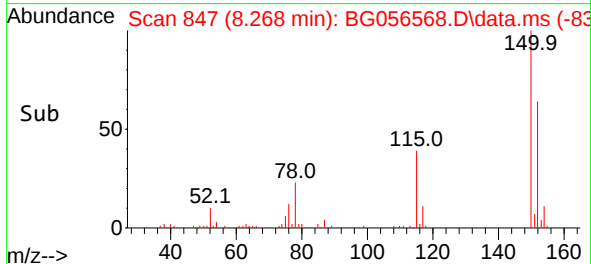
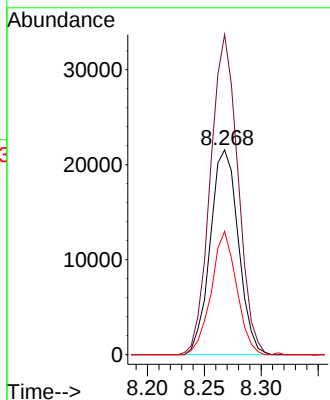
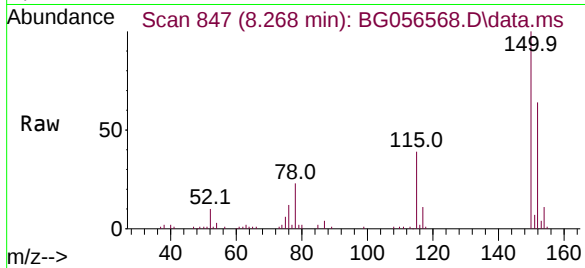




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.268 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: BG056568.D
 Acq: 7 Feb 2023 15:18

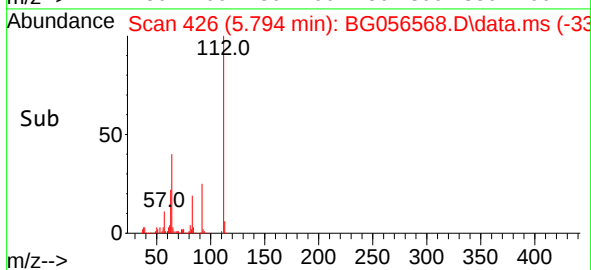
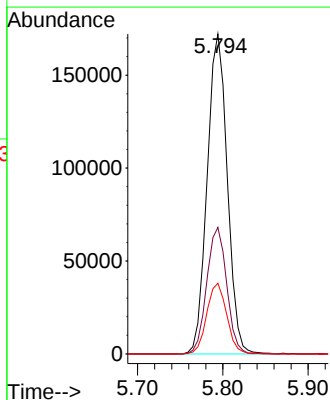
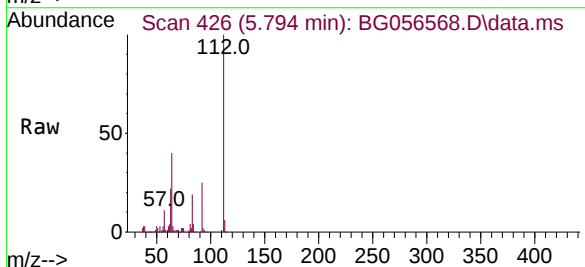
Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

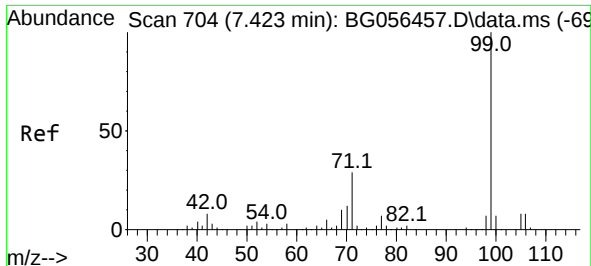
Tgt Ion:152 Resp: 36995
 Ion Ratio Lower Upper
 152 100
 150 156.3 120.2 180.4
 115 60.2 36.3 54.5#



#5
 2-Fluorophenol
 Concen: 140.226 ng
 RT: 5.794 min Scan# 426
 Delta R.T. 0.004 min
 Lab File: BG056568.D
 Acq: 7 Feb 2023 15:18

Tgt Ion:112 Resp: 282003
 Ion Ratio Lower Upper
 112 100
 64 39.6 31.9 47.9
 63 22.1 17.4 26.0

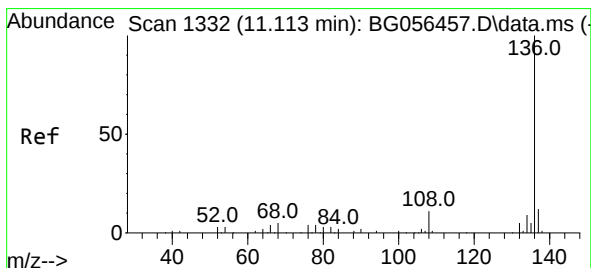
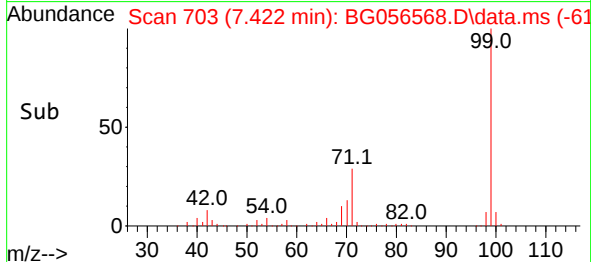
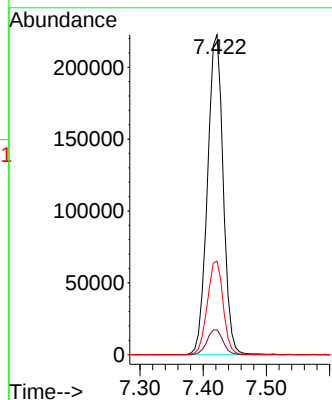
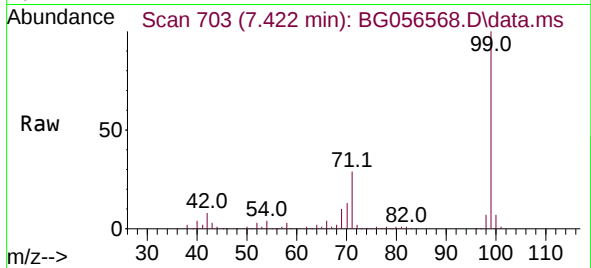




#7
Phenol-d6
Concen: 128.755 ng
RT: 7.422 min Scan# 704
Delta R.T. 0.004 min
Lab File: BG056568.D
Acq: 7 Feb 2023 15:18

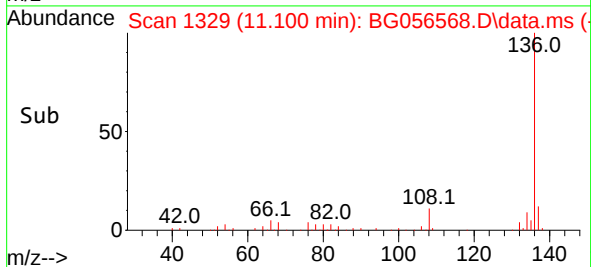
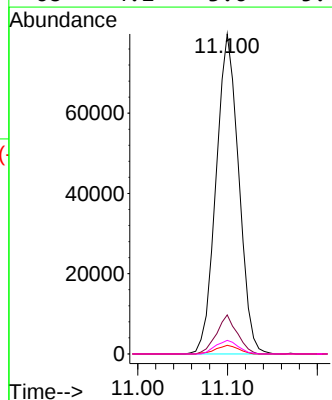
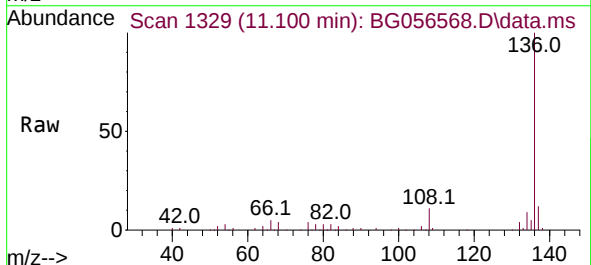
Instrument :
BNA_G
ClientSampleId :
COMP-2

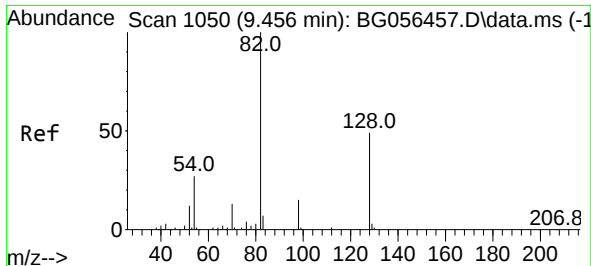
Tgt Ion: 99 Resp: 383654
Ion Ratio Lower Upper
99 100
42 7.7 6.6 10.0
71 29.2 23.4 35.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.100 min Scan# 1329
Delta R.T. -0.002 min
Lab File: BG056568.D
Acq: 7 Feb 2023 15:18

Tgt Ion:136 Resp: 140085
Ion Ratio Lower Upper
136 100
137 12.2 9.4 14.0
54 2.7 2.2 3.4
68 4.2 3.6 5.4





#23

Nitrobenzene-d5

Concen: 81.891 ng

RT: 9.443 min Scan# 10

Delta R.T. -0.002 min

Lab File: BG056568.D

Acq: 7 Feb 2023 15:18

Instrument :

BNA_G

ClientSampleId :

COMP-2

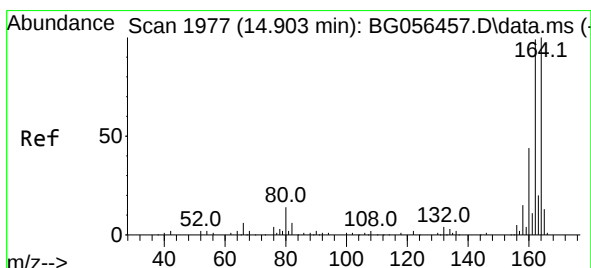
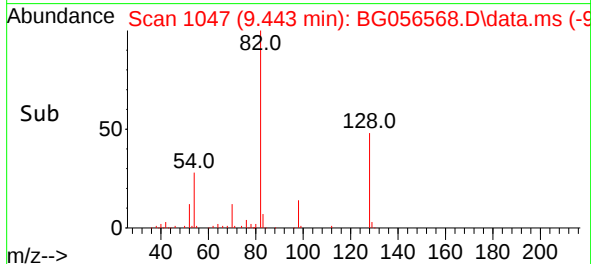
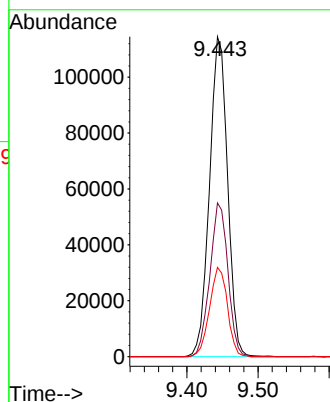
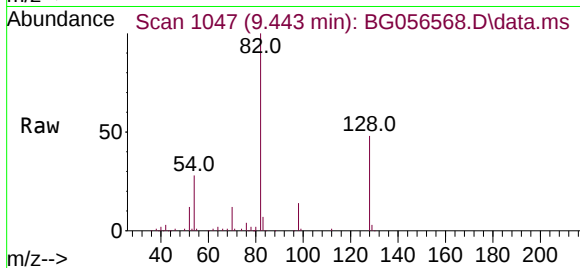
Tgt Ion: 82 Resp: 202021

Ion Ratio Lower Upper

82 100

128 48.1 39.4 59.2

54 27.9 21.4 32.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.889 min Scan# 1974

Delta R.T. -0.002 min

Lab File: BG056568.D

Acq: 7 Feb 2023 15:18

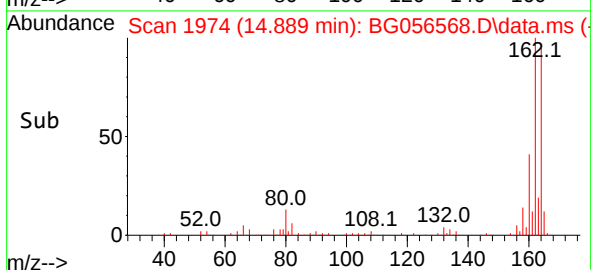
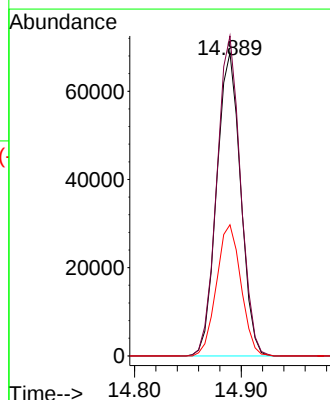
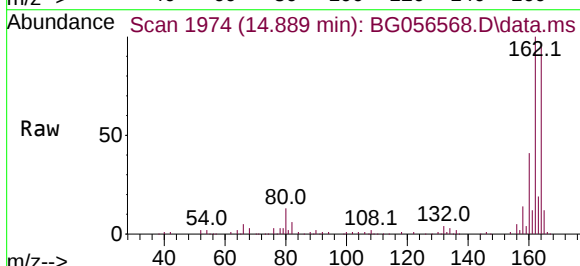
Tgt Ion: 164 Resp: 106975

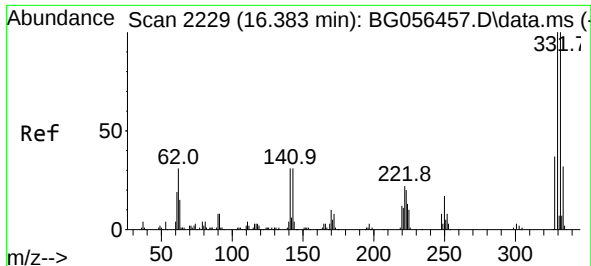
Ion Ratio Lower Upper

164 100

162 105.5 79.6 119.4

160 43.3 34.9 52.3

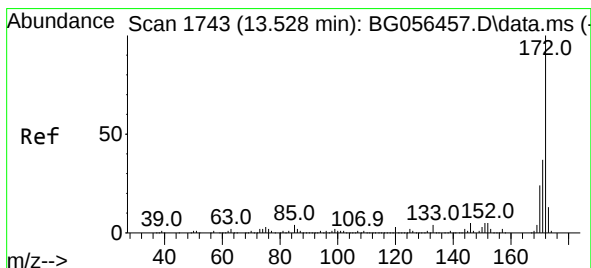
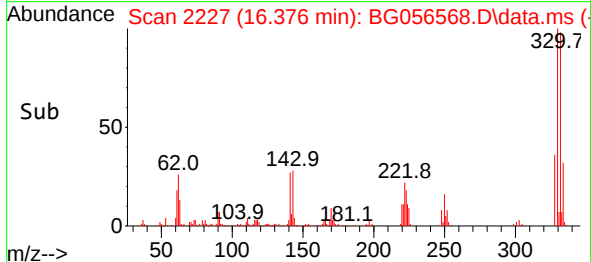
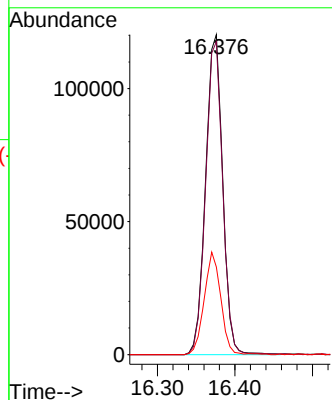
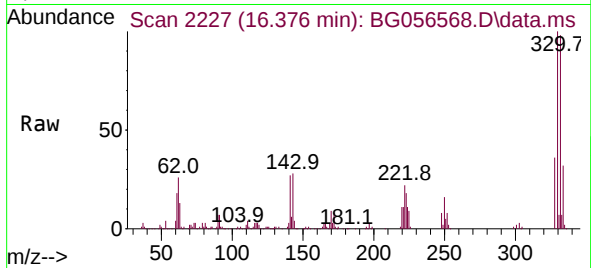




#42
2,4,6-Tribromophenol
Concen: 129.225 ng
RT: 16.376 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056568.D
Acq: 7 Feb 2023 15:18

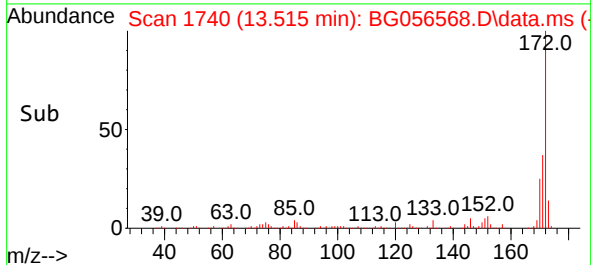
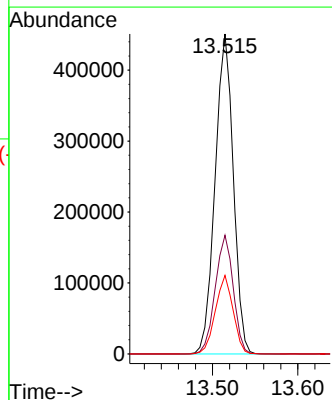
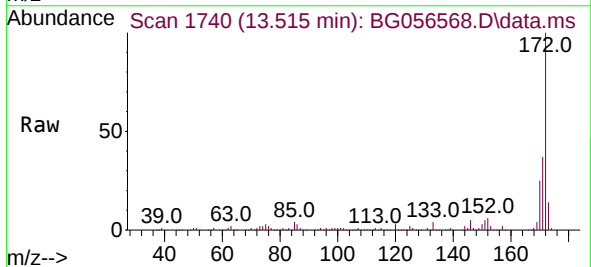
Instrument :
BNA_G
ClientSampleId :
COMP-2

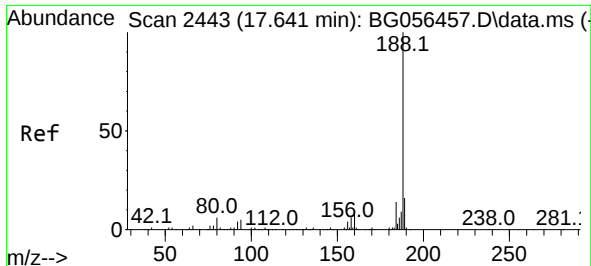
Tgt Ion:330 Resp: 183780
Ion Ratio Lower Upper
330 100
332 97.5 79.0 118.6
141 31.1 24.2 36.4



#45
2-Fluorobiphenyl
Concen: 86.657 ng
RT: 13.515 min Scan# 1740
Delta R.T. -0.002 min
Lab File: BG056568.D
Acq: 7 Feb 2023 15:18

Tgt Ion:172 Resp: 668635
Ion Ratio Lower Upper
172 100
171 37.1 29.5 44.3
170 24.5 19.2 28.8

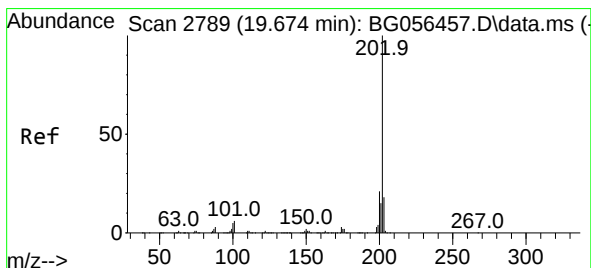
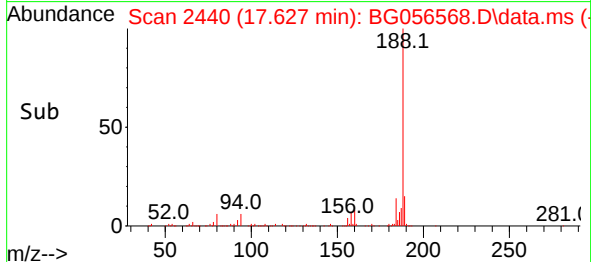
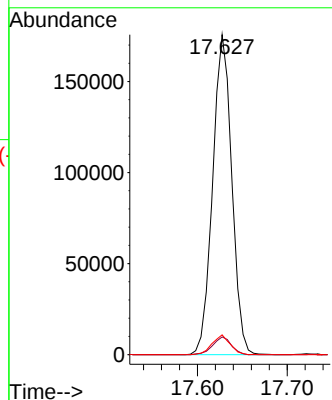
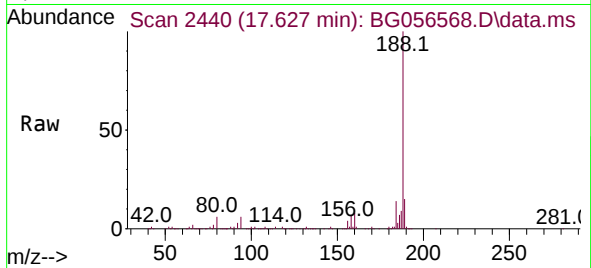




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.627 min Scan# 2443
Delta R.T. -0.002 min
Lab File: BG056568.D
Acq: 7 Feb 2023 15:18

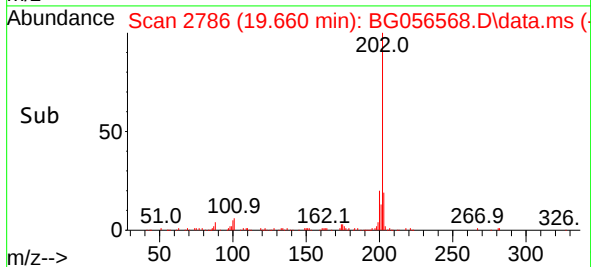
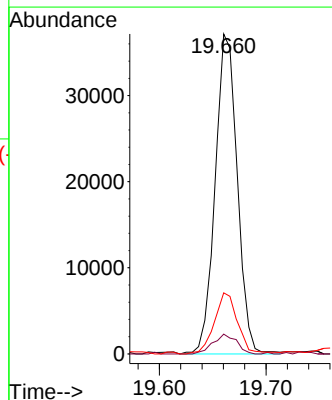
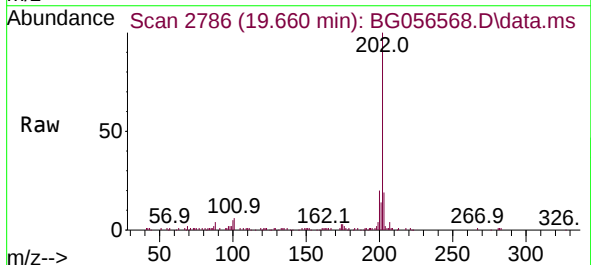
Instrument :
BNA_G
ClientSampleId :
COMP-2

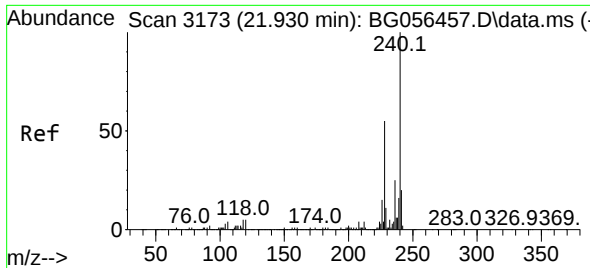
Tgt Ion:188 Resp: 261051
Ion Ratio Lower Upper
188 100
94 5.5 4.1 6.1
80 6.2 5.0 7.4



#75
Fluoranthene
Concen: 3.112 ng
RT: 19.660 min Scan# 2786
Delta R.T. -0.008 min
Lab File: BG056568.D
Acq: 7 Feb 2023 15:18

Tgt Ion:202 Resp: 53669
Ion Ratio Lower Upper
202 100
101 6.2 0.0 25.6
203 19.1 0.0 38.1

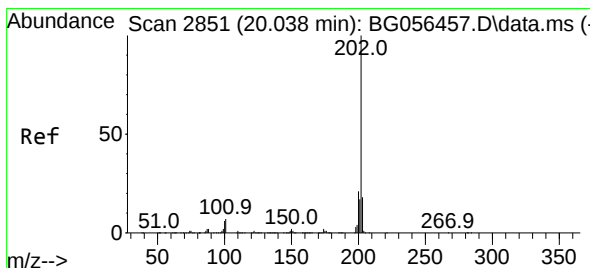
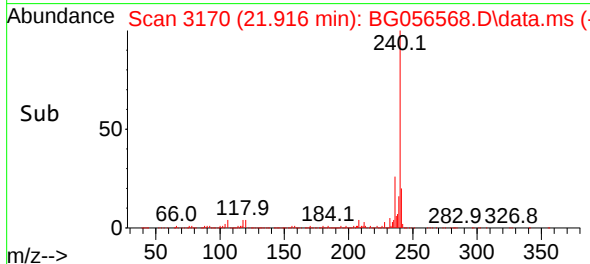
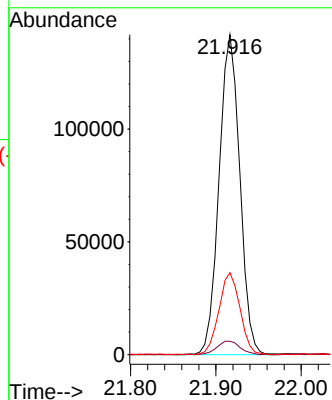
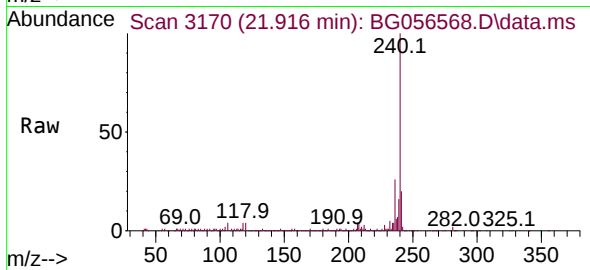




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.916 min Scan# 3170
Delta R.T. -0.008 min
Lab File: BG056568.D
Acq: 7 Feb 2023 15:18

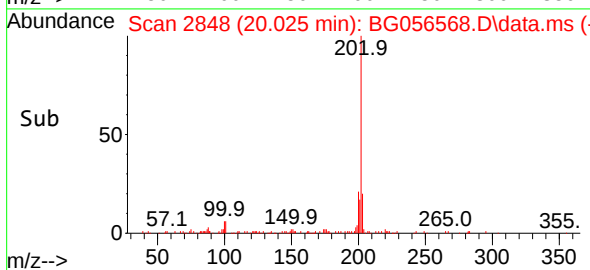
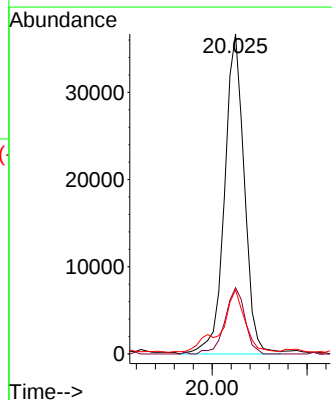
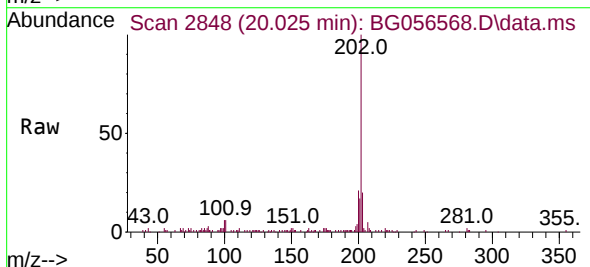
Instrument :
BNA_G
ClientSampleId :
COMP-2

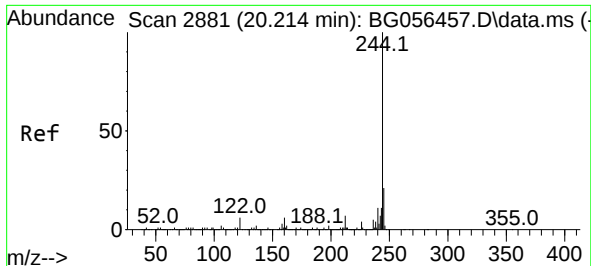
Tgt Ion:240 Resp: 239399
Ion Ratio Lower Upper
240 100
120 4.2 3.8 5.8
236 25.6 20.2 30.2



#78
Pyrene
Concen: 3.111 ng
RT: 20.025 min Scan# 2848
Delta R.T. -0.002 min
Lab File: BG056568.D
Acq: 7 Feb 2023 15:18

Tgt Ion:202 Resp: 52967
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 20.0 14.4 21.6

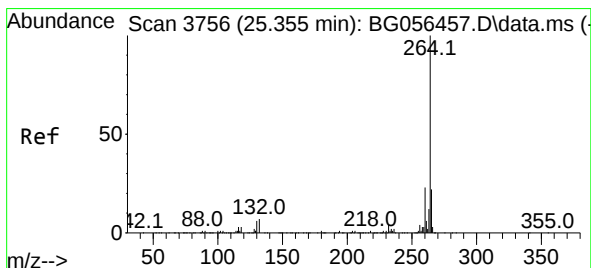
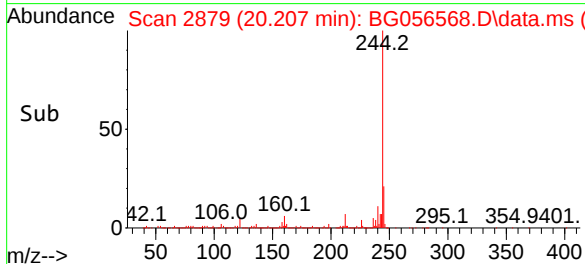
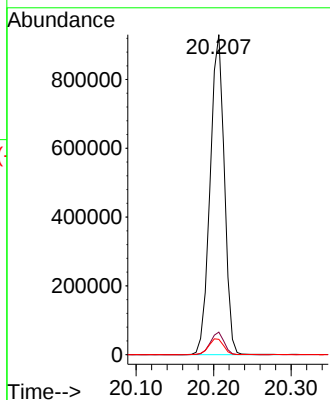
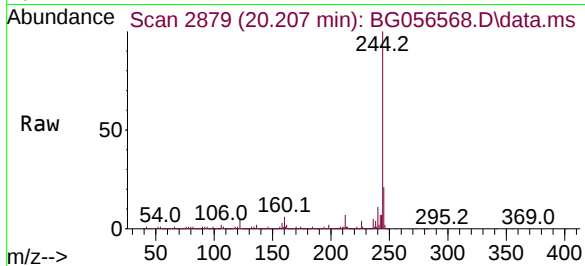




#79
 Terphenyl-d14
 Concen: 86.910 ng
 RT: 20.207 min Scan# 2881
 Delta R.T. -0.002 min
 Lab File: BG056568.D
 Acq: 7 Feb 2023 15:18

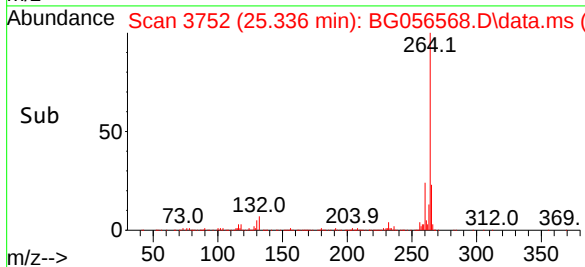
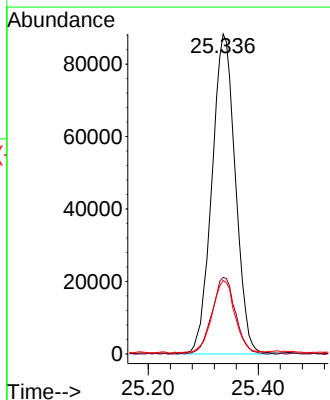
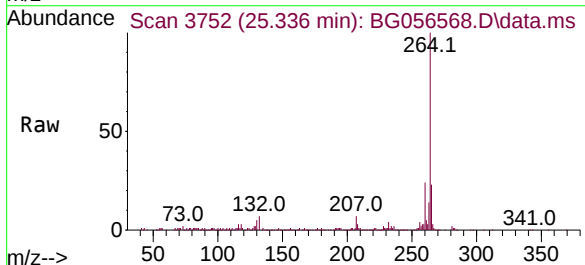
Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

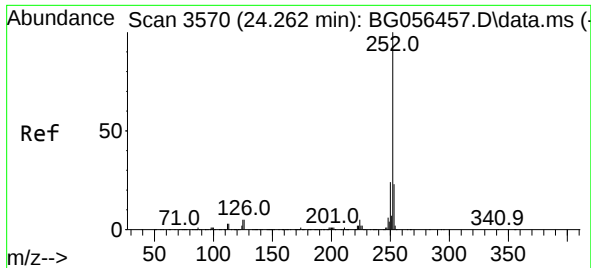
Tgt Ion:244 Resp: 1184612
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 4.8 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.336 min Scan# 3752
 Delta R.T. -0.002 min
 Lab File: BG056568.D
 Acq: 7 Feb 2023 15:18

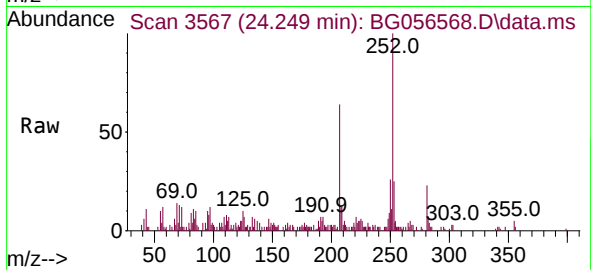
Tgt Ion:264 Resp: 261479
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.2 27.4
 265 22.9 18.1 27.1





#88
 Benzo(b)fluoranthene
 Concen: 2.356 ng
 RT: 24.249 min Scan# 31
 Delta R.T. -0.002 min
 Lab File: BG056568.D
 Acq: 7 Feb 2023 15:18

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2



Tgt Ion:252 Resp: 38232
 Ion Ratio Lower Upper
 252 100
 253 25.0 18.1 27.1
 125 9.6 3.9 5.9#

