

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
 Data File : BG056569.D
 Acq On : 7 Feb 2023 15:59
 Operator : CG/JU
 Sample : 01463-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-5

Quant Time: Feb 08 03:06:07 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)

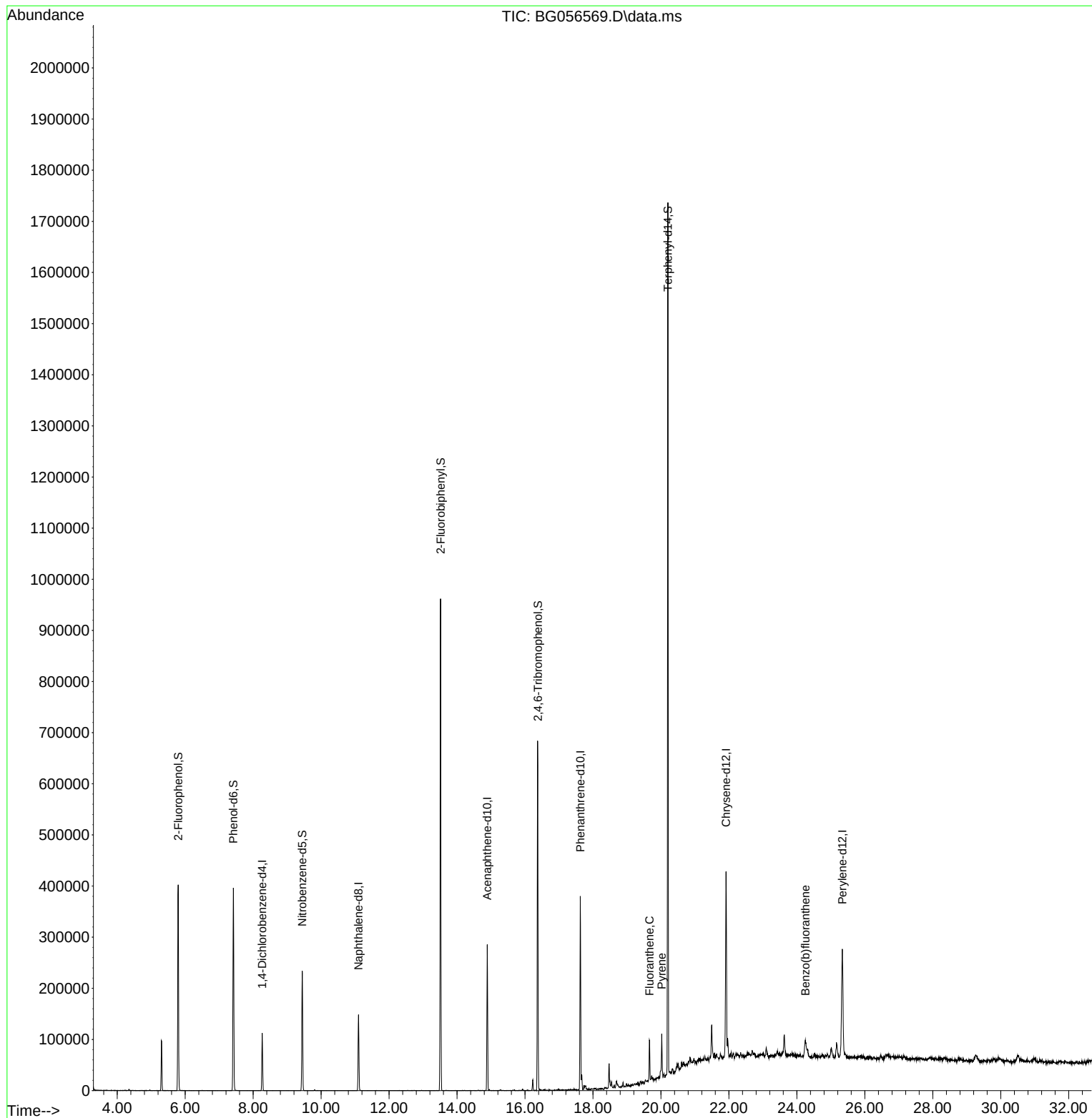
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.268	152	36745	20.000	ng	# 0.00
21) Naphthalene-d8	11.100	136	142299	20.000	ng	0.00
39) Acenaphthene-d10	14.889	164	108256	20.000	ng	0.00
64) Phenanthrene-d10	17.627	188	259082	20.000	ng	0.00
76) Chrysene-d12	21.916	240	236508	20.000	ng	0.00
86) Perylene-d12	25.336	264	257769	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	230237	115.264	ng	0.00
7) Phenol-d6	7.416	99	318004	107.449	ng	0.00
23) Nitrobenzene-d5	9.443	82	166535	66.456	ng	0.00
42) 2,4,6-Tribromophenol	16.376	330	146212	101.593	ng	0.00
45) 2-Fluorobiphenyl	13.514	172	538662	68.986	ng	0.00
79) Terphenyl-d14	20.207	244	936813	69.570	ng	0.00
Target Compounds						
75) Fluoranthene	19.660	202	54550	3.187	ng	Qvalue 98
78) Pyrene	20.024	202	54514	3.241	ng	96
88) Benzo(b)fluoranthene	24.249	252	42472	2.655	ng	# 98

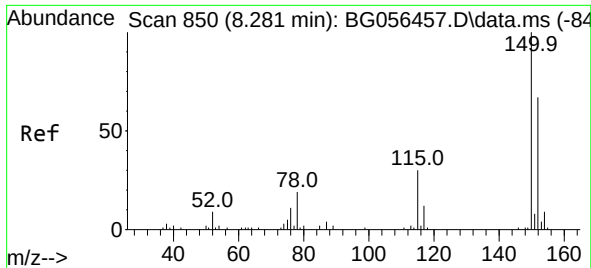
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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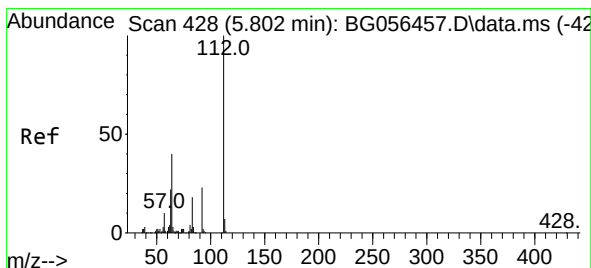
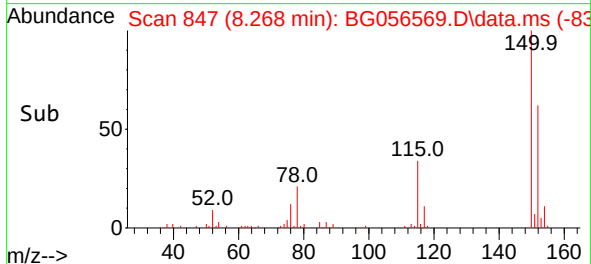
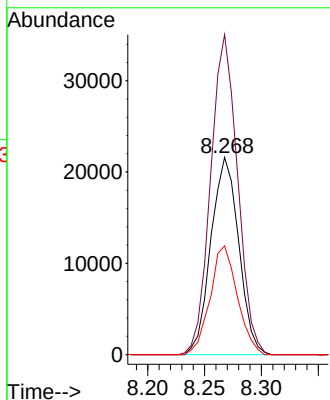
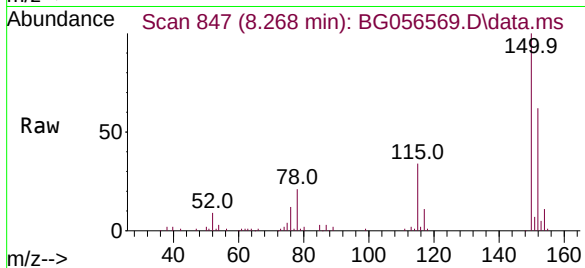




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.268 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG056569.D
Acq: 7 Feb 2023 15:59

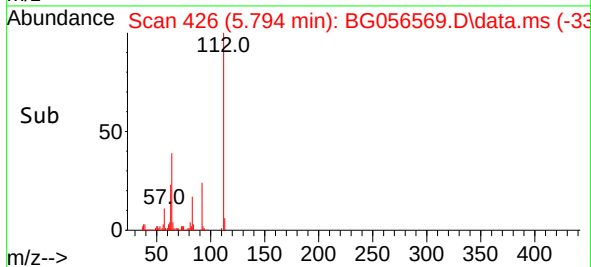
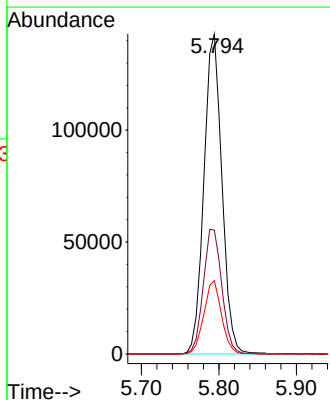
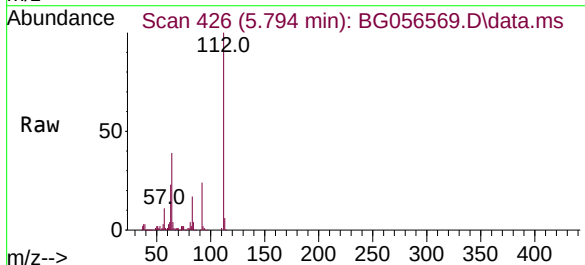
Instrument :
BNA_G
ClientSampleId :
COMP-5

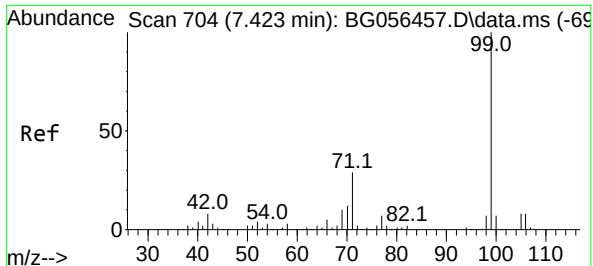
Tgt Ion:152 Resp: 36745
Ion Ratio Lower Upper
152 100
150 162.3 120.2 180.4
115 55.2 36.3 54.5#



#5
2-Fluorophenol
Concen: 115.264 ng
RT: 5.794 min Scan# 426
Delta R.T. 0.004 min
Lab File: BG056569.D
Acq: 7 Feb 2023 15:59

Tgt Ion:112 Resp: 230237
Ion Ratio Lower Upper
112 100
64 38.7 31.9 47.9
63 22.9 17.4 26.0

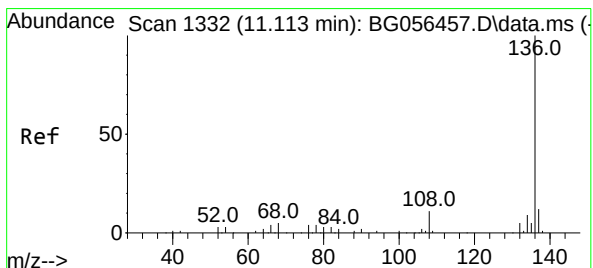
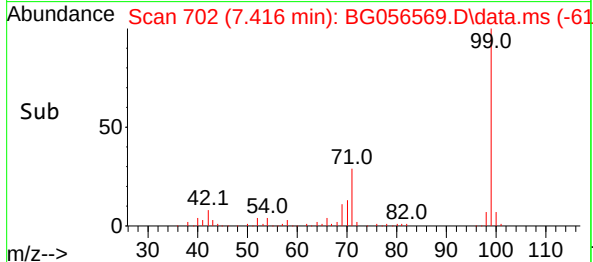
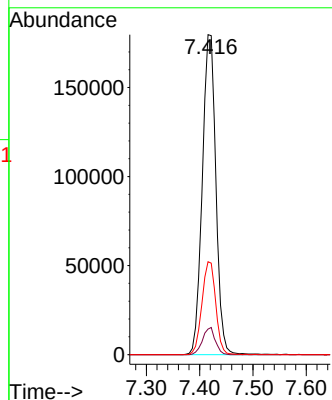
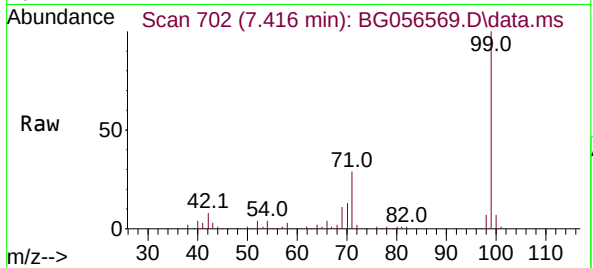




#7
Phenol-d6
Concen: 107.449 ng
RT: 7.416 min Scan# 704
Delta R.T. -0.002 min
Lab File: BG056569.D
Acq: 7 Feb 2023 15:59

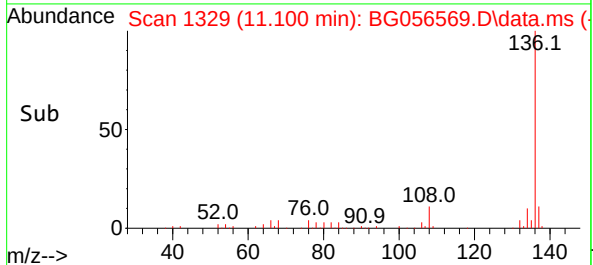
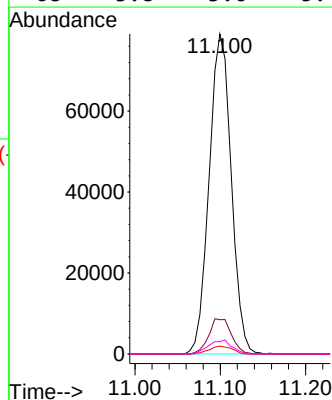
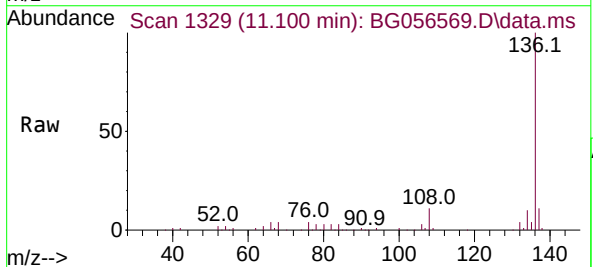
Instrument :
BNA_G
ClientSampleId :
COMP-5

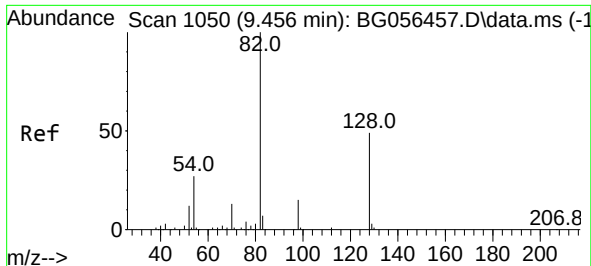
Tgt Ion: 99 Resp: 318004
Ion Ratio Lower Upper
99 100
42 8.0 6.6 10.0
71 29.0 23.4 35.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.100 min Scan# 1329
Delta R.T. -0.002 min
Lab File: BG056569.D
Acq: 7 Feb 2023 15:59

Tgt Ion: 136 Resp: 142299
Ion Ratio Lower Upper
136 100
137 10.7 9.4 14.0
54 2.4 2.2 3.4
68 3.8 3.6 5.4





#23

Nitrobenzene-d5

Concen: 66.456 ng

RT: 9.443 min Scan# 1047

Delta R.T. -0.002 min

Lab File: BG056569.D

Acq: 7 Feb 2023 15:59

Instrument :

BNA_G

ClientSampleId :

COMP-5

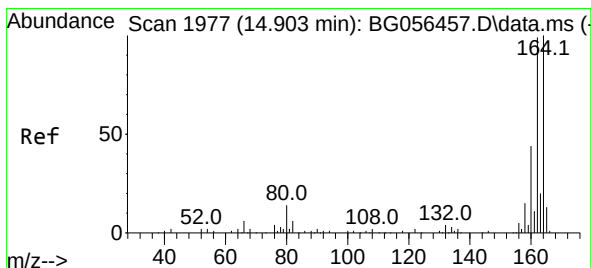
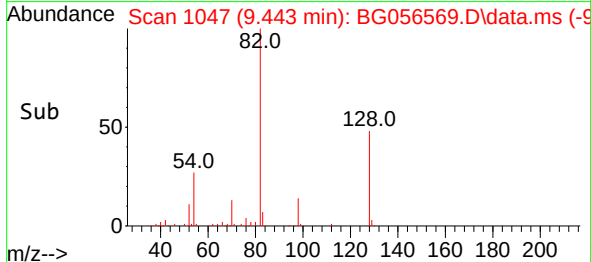
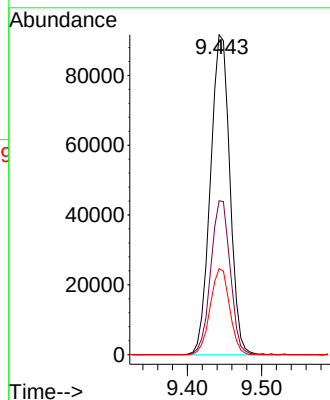
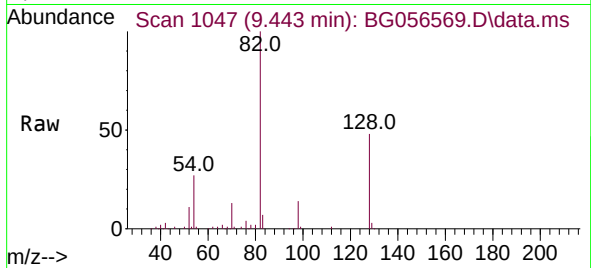
Tgt Ion: 82 Resp: 166535

Ion Ratio Lower Upper

82 100

128 48.1 39.4 59.2

54 26.9 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: BG056569.D

Acq: 7 Feb 2023 15:59

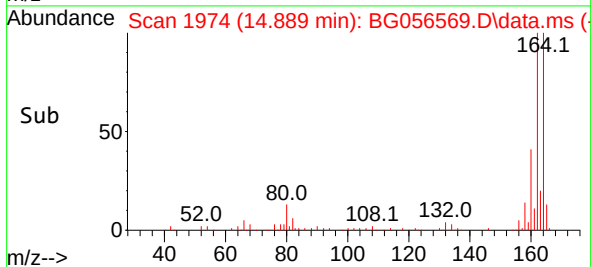
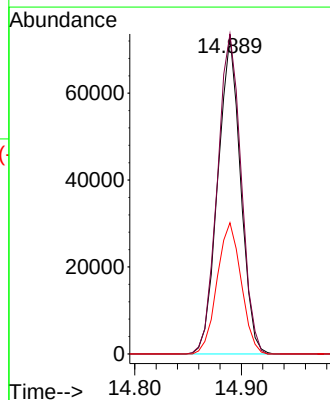
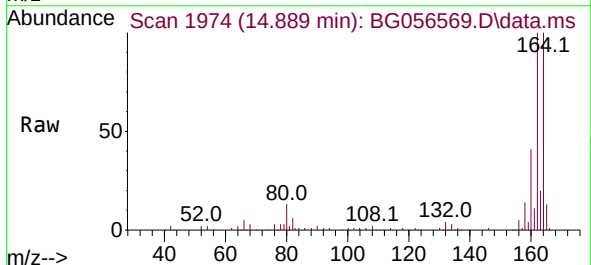
Tgt Ion:164 Resp: 108256

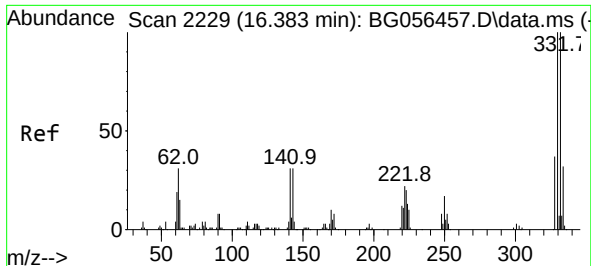
Ion Ratio Lower Upper

164 100

162 100.4 79.6 119.4

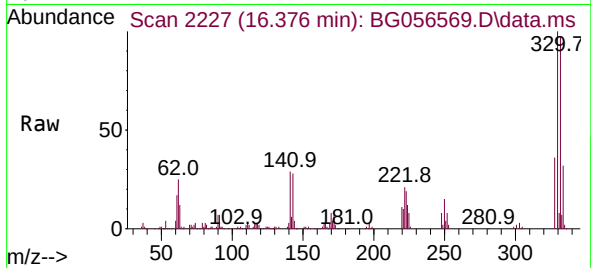
160 41.2 34.9 52.3



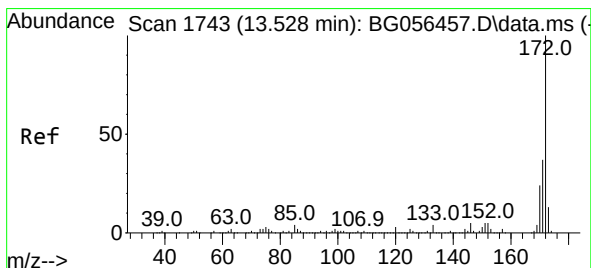
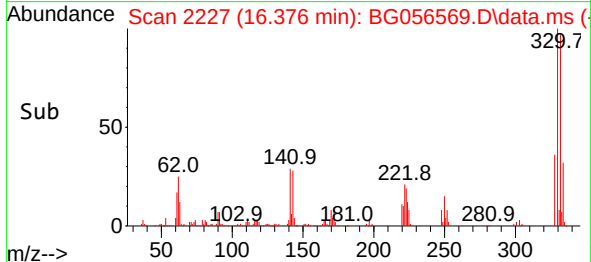
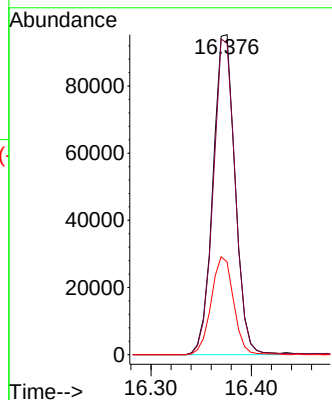


#42
2,4,6-Tribromophenol
Concen: 101.593 ng
RT: 16.376 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056569.D
Acq: 7 Feb 2023 15:59

Instrument :
BNA_G
ClientSampleId :
COMP-5

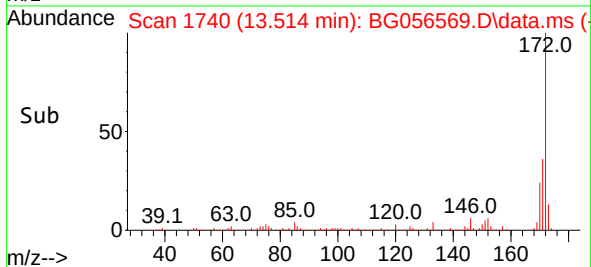
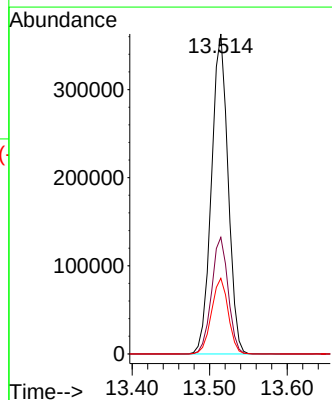
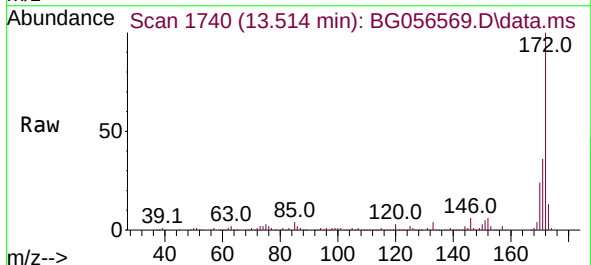


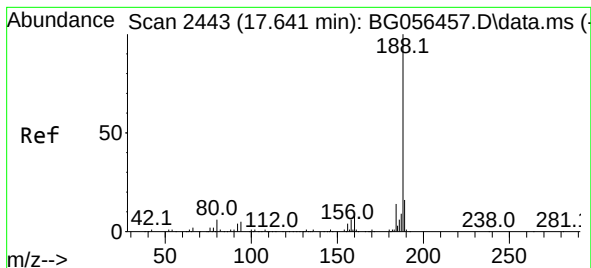
Tgt Ion:330 Resp: 146212
Ion Ratio Lower Upper
330 100
332 97.5 79.0 118.6
141 30.8 24.2 36.4



#45
2-Fluorobiphenyl
Concen: 68.986 ng
RT: 13.514 min Scan# 1740
Delta R.T. -0.002 min
Lab File: BG056569.D
Acq: 7 Feb 2023 15:59

Tgt Ion:172 Resp: 538662
Ion Ratio Lower Upper
172 100
171 36.4 29.5 44.3
170 23.6 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.627 min Scan# 24

Delta R.T. -0.002 min

Lab File: BG056569.D

Acq: 7 Feb 2023 15:59

Instrument :

BNA_G

ClientSampleId :

COMP-5

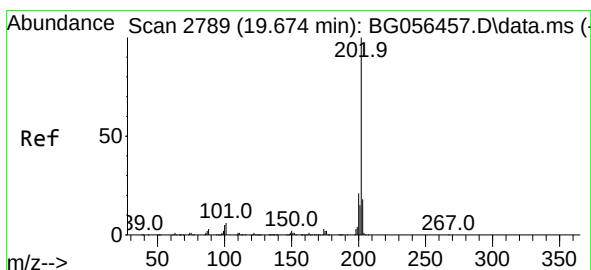
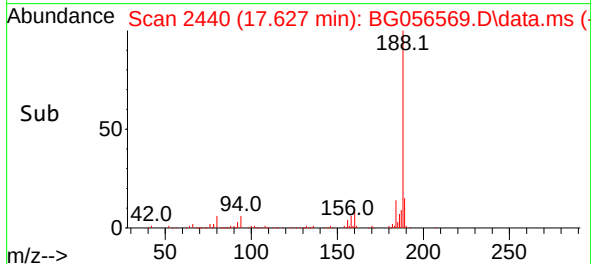
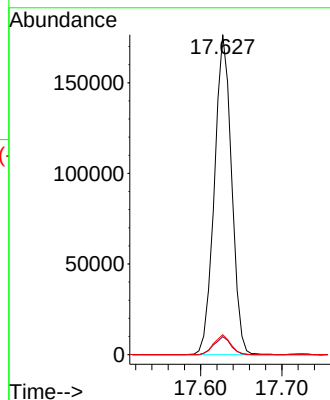
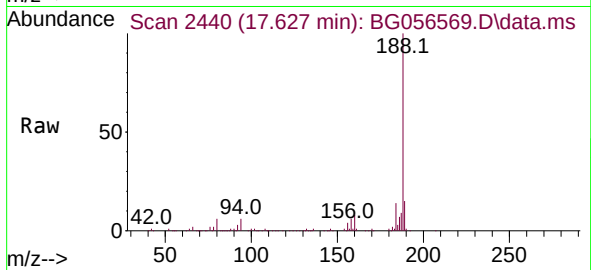
Tgt Ion:188 Resp: 259082

Ion Ratio Lower Upper

188 100

94 5.6 4.1 6.1

80 6.2 5.0 7.4



#75

Fluoranthene

Concen: 3.187 ng

RT: 19.660 min Scan# 2786

Delta R.T. -0.008 min

Lab File: BG056569.D

Acq: 7 Feb 2023 15:59

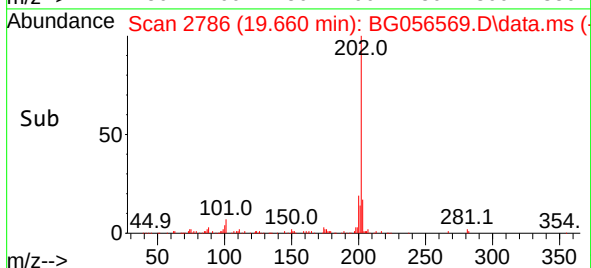
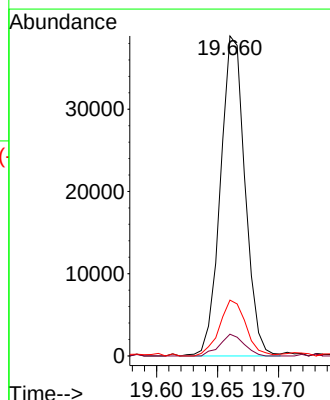
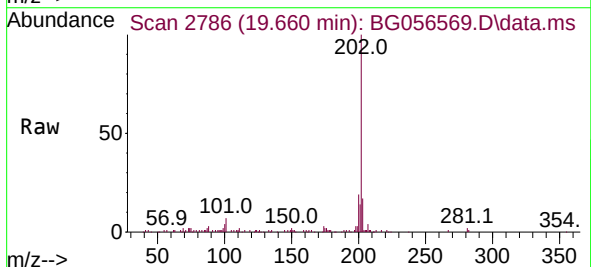
Tgt Ion:202 Resp: 54550

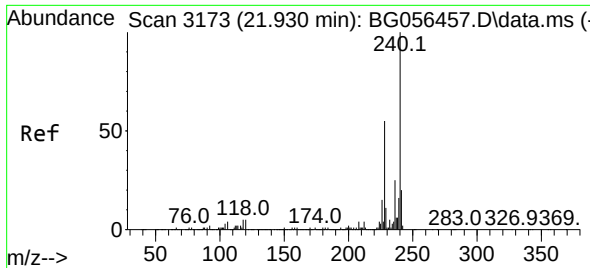
Ion Ratio Lower Upper

202 100

101 6.8 0.0 25.6

203 17.4 0.0 38.1

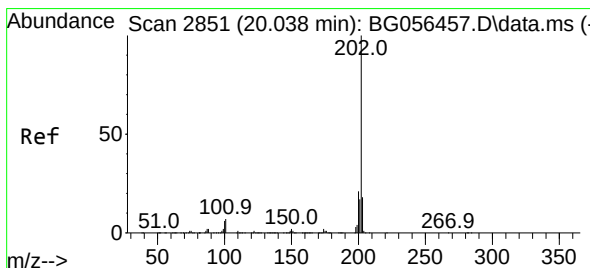
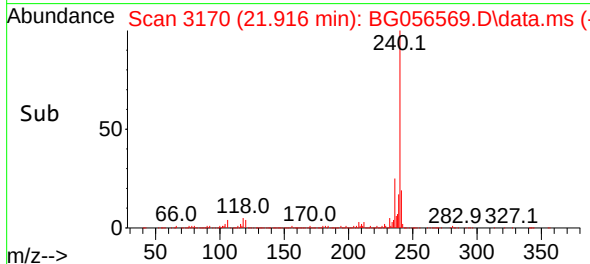
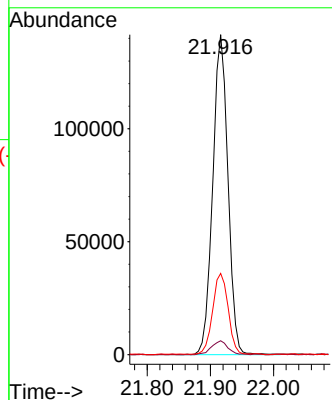
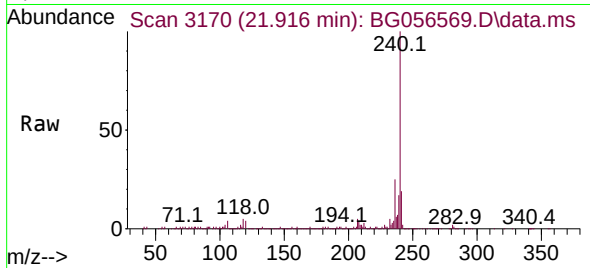




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.916 min Scan# 3170
Delta R.T. -0.008 min
Lab File: BG056569.D
Acq: 7 Feb 2023 15:59

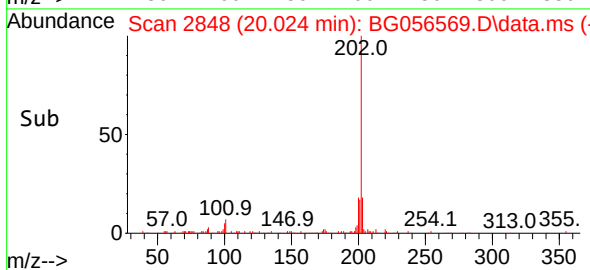
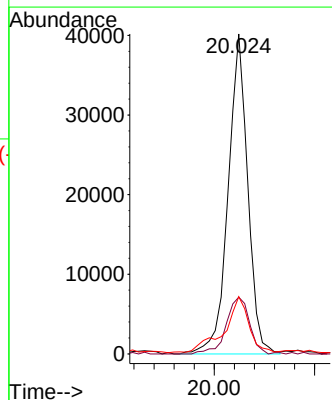
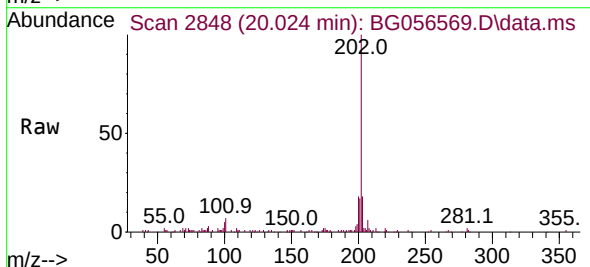
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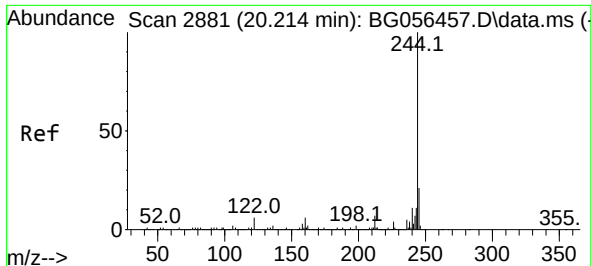
Tgt Ion:240 Resp: 236508
Ion Ratio Lower Upper
240 100
120 4.3 3.8 5.8
236 25.4 20.2 30.2



#78
Pyrene
Concen: 3.241 ng
RT: 20.024 min Scan# 2848
Delta R.T. -0.002 min
Lab File: BG056569.D
Acq: 7 Feb 2023 15:59

Tgt Ion:202 Resp: 54514
Ion Ratio Lower Upper
202 100
200 17.7 16.7 25.1
203 17.9 14.4 21.6

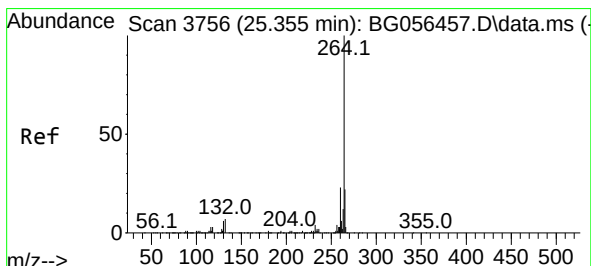
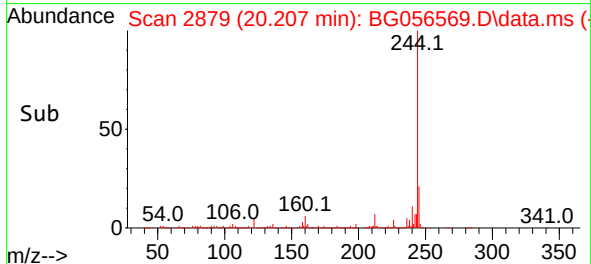
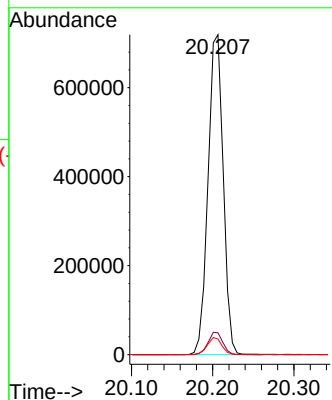
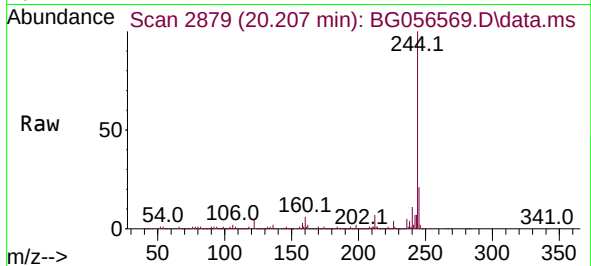




#79
 Terphenyl-d14
 Concen: 69.570 ng
 RT: 20.207 min Scan# 2881
 Delta R.T. -0.002 min
 Lab File: BG056569.D
 Acq: 7 Feb 2023 15:59

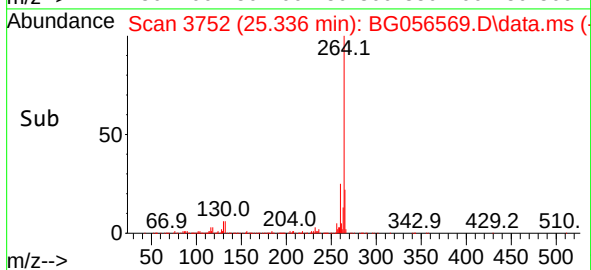
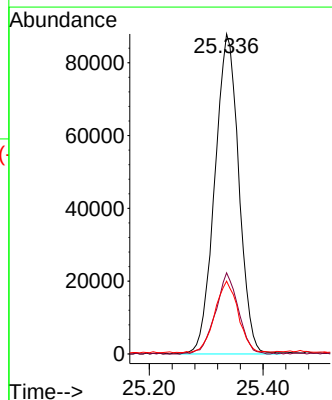
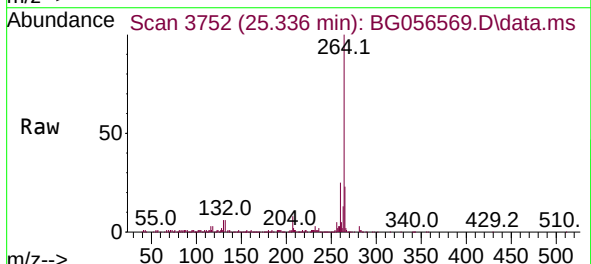
Instrument :
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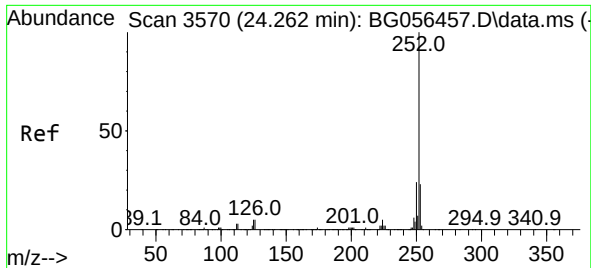
Tgt Ion:244 Resp: 936813
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 4.9 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.336 min Scan# 3752
 Delta R.T. -0.002 min
 Lab File: BG056569.D
 Acq: 7 Feb 2023 15:59

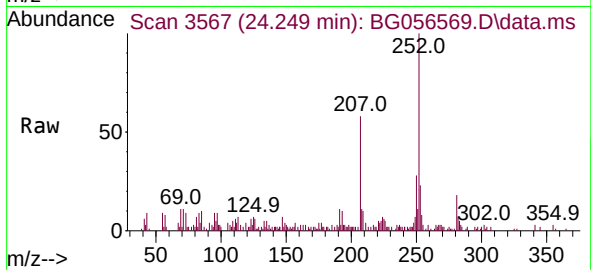
Tgt Ion:264 Resp: 257769
 Ion Ratio Lower Upper
 264 100
 260 25.3 18.2 27.4
 265 22.7 18.1 27.1





#88
 Benzo(b)fluoranthene
 Concen: 2.655 ng
 RT: 24.249 min Scan# 3567
 Delta R.T. -0.002 min
 Lab File: BG056569.D
 Acq: 7 Feb 2023 15:59

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:252 Resp: 42472
 Ion Ratio Lower Upper
 252 100
 253 23.1 18.1 27.1
 125 6.9 3.9 5.9#

