

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
 Data File : BG052435.D
 Acq On : 21 Feb 2022 13:36
 Operator : CG/JU
 Sample : N1600-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA9

Quant Time: Feb 21 14:32:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

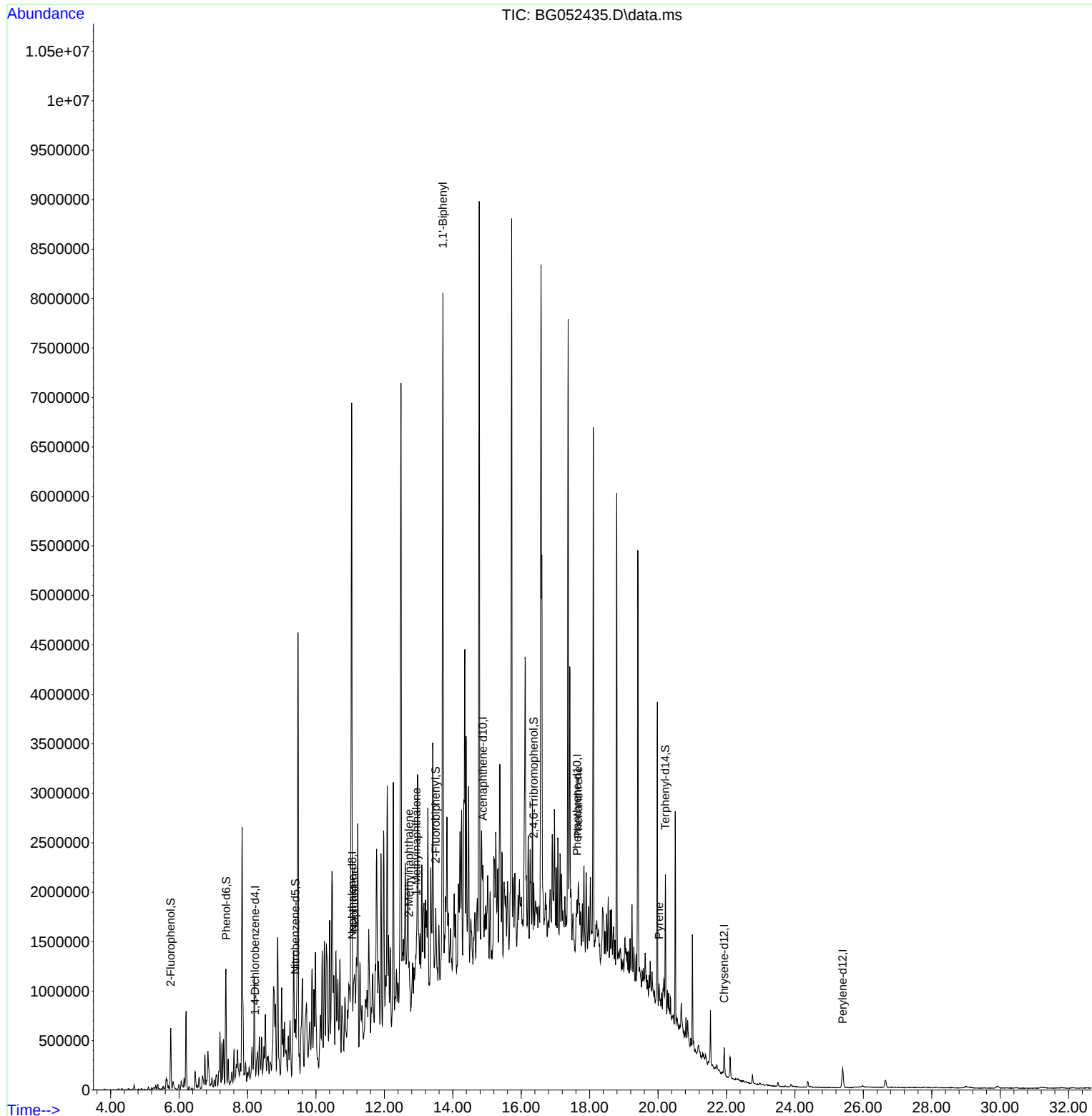
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.225	152	36866	20.000	ng	0.00
21) Naphthalene-d8	11.069	136	136919	20.000	ng	# 0.00
39) Acenaphthene-d10	14.881	164	91366	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	175048	20.000	ng	# 0.00
76) Chrysene-d12	21.936	240	180947	20.000	ng	0.00
86) Perylene-d12	25.396	264	212129	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.752	112	222026	104.964	ng	0.00
7) Phenol-d6	7.374	99	285782	87.563	ng	0.00
23) Nitrobenzene-d5	9.400	82	227671	72.268	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	114018	86.863	ng	0.00
45) 2-Fluorobiphenyl	13.501	172	423956	64.477	ng	0.00
79) Terphenyl-d14	20.215	244	633843	61.857	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	11.121	128	117924	16.429	ng	# 81
37) 2-Methylnaphthalene	12.719	142	228461	42.852	ng	98
38) 1-Methylnaphthalene	12.937	142	146828	28.421	ng	# 99
46) 1,1'-Biphenyl	13.712	154	102056	15.233	ng	93
71) Phenanthrene	17.671	178	38541	4.271	ng	# 79
78) Pyrene	20.033	202	73636	6.082	ng	# 95

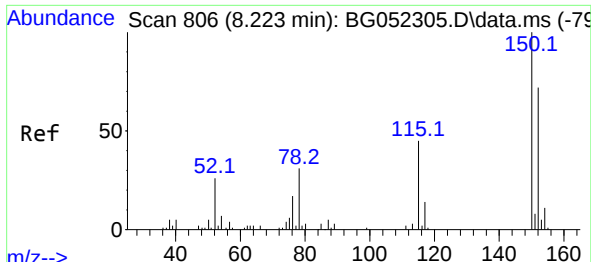
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
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Misc :
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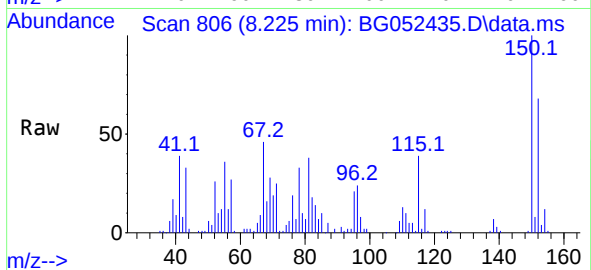
Quant Time: Feb 21 14:32:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration



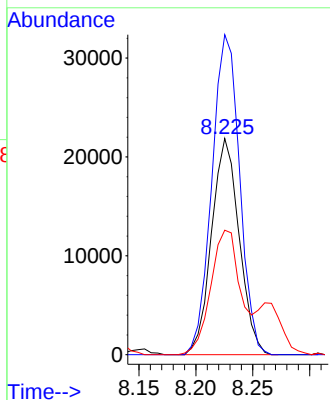
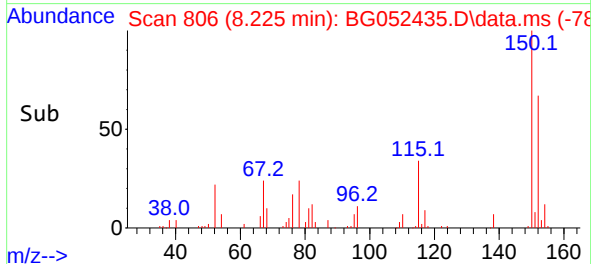


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.225 min Scan# 806
Delta R.T. 0.002 min
Lab File: BG052435.D
Acq: 21 Feb 2022 13:36

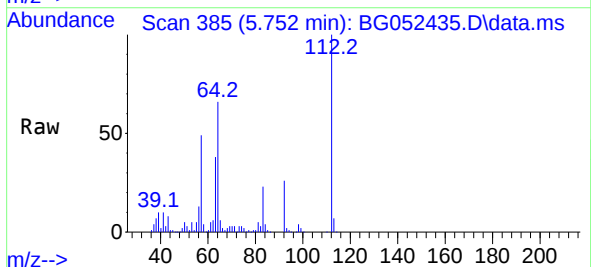
Instrument :
BNA_G
ClientSampleId :
C0AA9



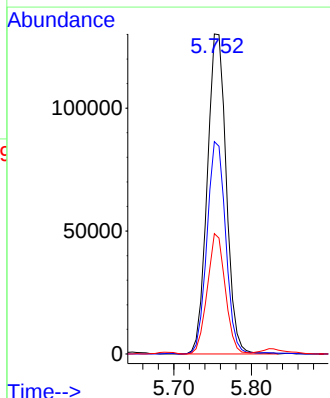
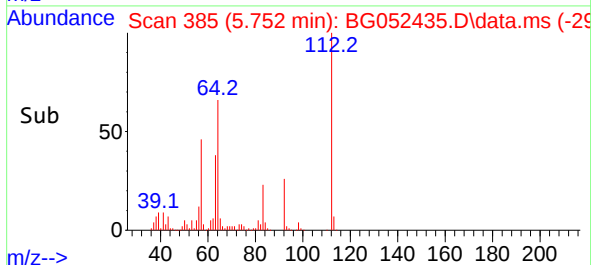
Tgt Ion:152 Resp: 36866
Ion Ratio Lower Upper
152 100
150 148.0 117.8 176.8
115 57.6 50.2 75.2

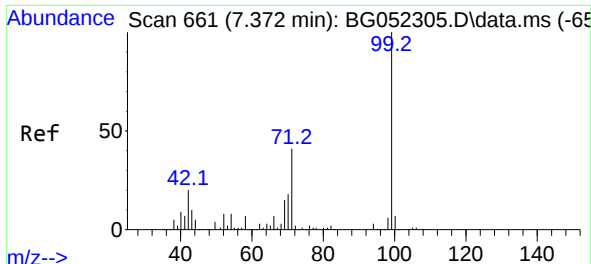


#5
2-Fluorophenol
Concen: 104.964 ng
RT: 5.752 min Scan# 385
Delta R.T. 0.002 min
Lab File: BG052435.D
Acq: 21 Feb 2022 13:36



Tgt Ion:112 Resp: 222026
Ion Ratio Lower Upper
112 100
64 66.4 60.4 90.6
63 37.6 33.3 49.9

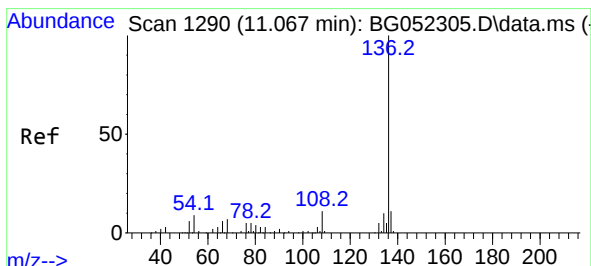
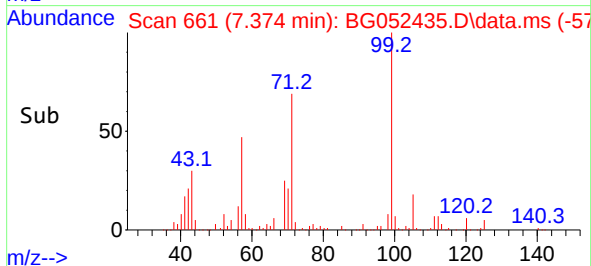
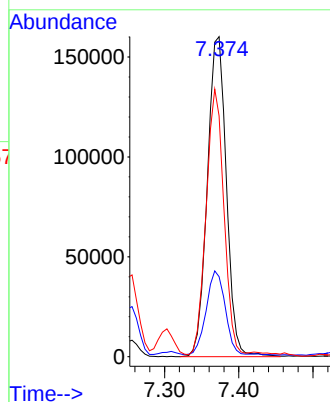
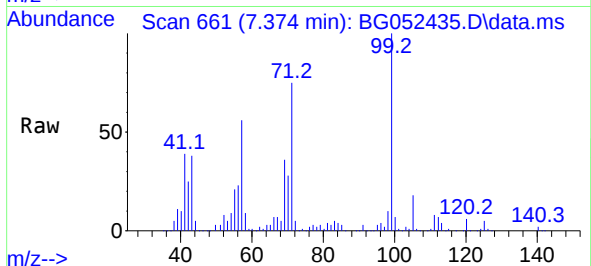




#7
Phenol-d6
Concen: 87.563 ng
RT: 7.374 min Scan# 661
Delta R.T. 0.002 min
Lab File: BG052435.D
Acq: 21 Feb 2022 13:36

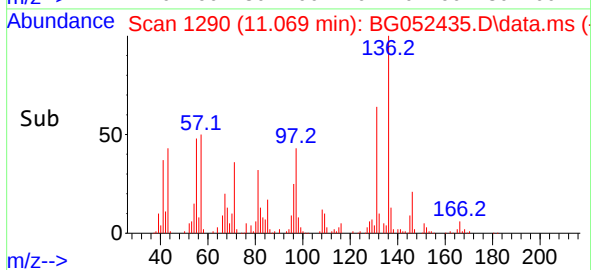
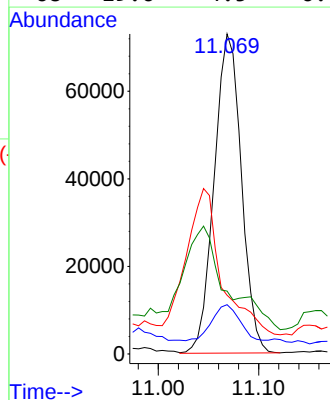
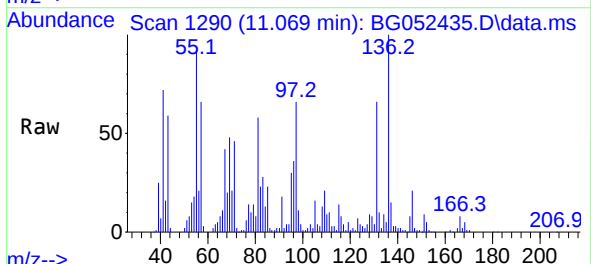
Instrument :
BNA_G
ClientSampleId :
C0AA9

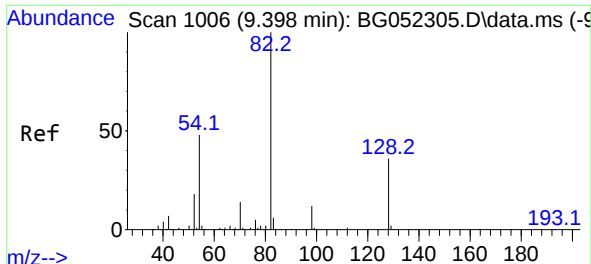
Tgt Ion: 99 Resp: 285782
Ion Ratio Lower Upper
99 100
42 25.0 19.1 28.7
71 75.2 33.4 50.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.069 min Scan# 1290
Delta R.T. 0.002 min
Lab File: BG052435.D
Acq: 21 Feb 2022 13:36

Tgt Ion:136 Resp: 136919
Ion Ratio Lower Upper
136 100
137 15.4 9.1 13.7#
54 18.4 8.3 12.5#
68 19.6 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 72.268 ng

RT: 9.400 min Scan# 1006

Delta R.T. 0.002 min

Lab File: BG052435.D

Acq: 21 Feb 2022 13:36

Instrument :

BNA_G

ClientSampleId :

C0AA9

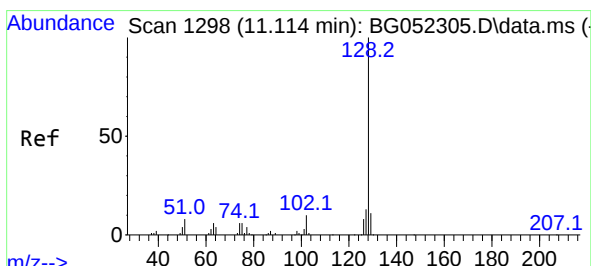
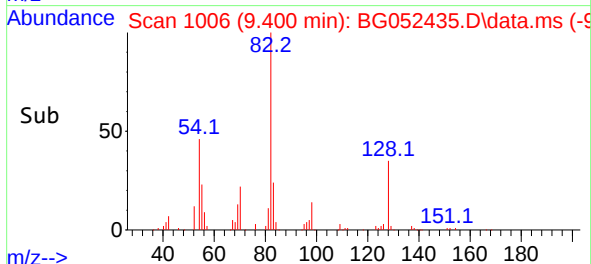
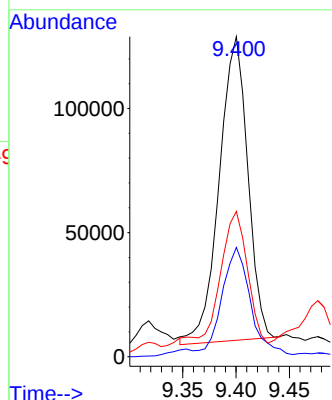
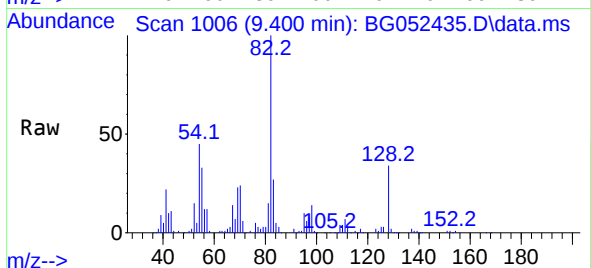
Tgt Ion: 82 Resp: 227671

Ion Ratio Lower Upper

82 100

128 34.1 27.0 40.4

54 45.4 41.0 61.6



#31

Naphthalene

Concen: 16.429 ng

RT: 11.121 min Scan# 1299

Delta R.T. 0.008 min

Lab File: BG052435.D

Acq: 21 Feb 2022 13:36

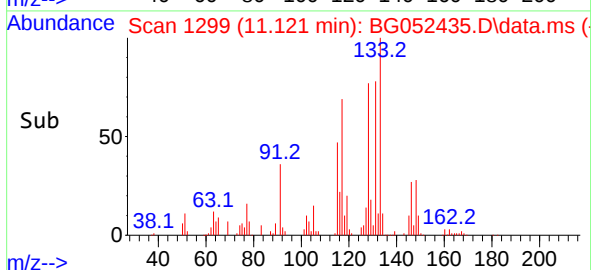
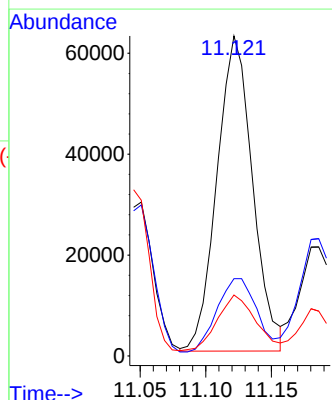
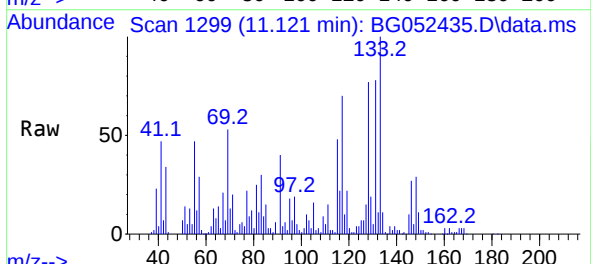
Tgt Ion:128 Resp: 117924

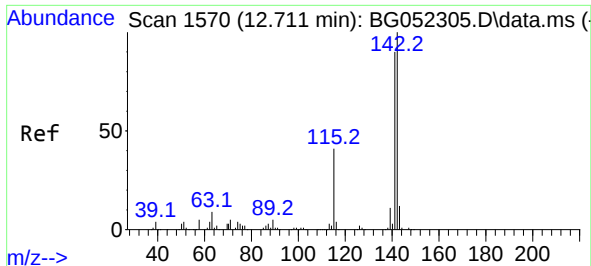
Ion Ratio Lower Upper

128 100

129 24.1 9.8 14.6#

127 19.1 12.0 18.0#

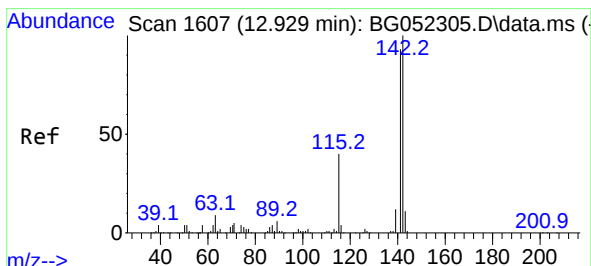
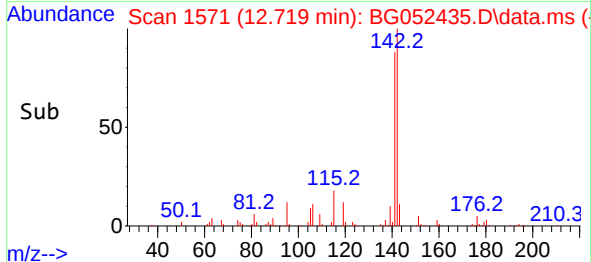
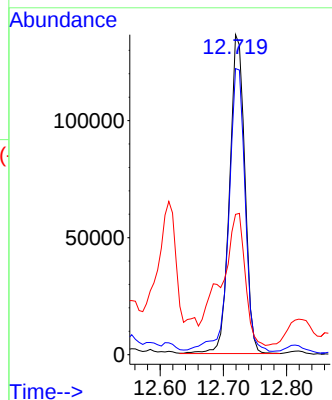
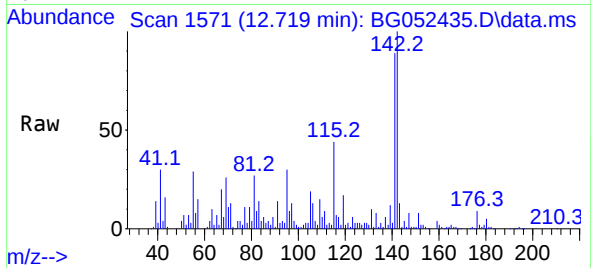




#37
2-Methylnaphthalene
Concen: 42.852 ng
RT: 12.719 min Scan# 11
Delta R.T. 0.008 min
Lab File: BG052435.D
Acq: 21 Feb 2022 13:36

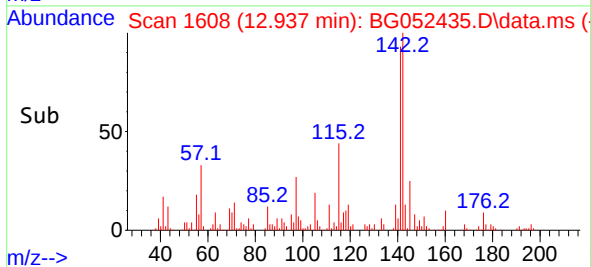
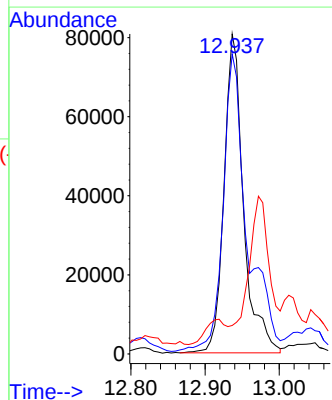
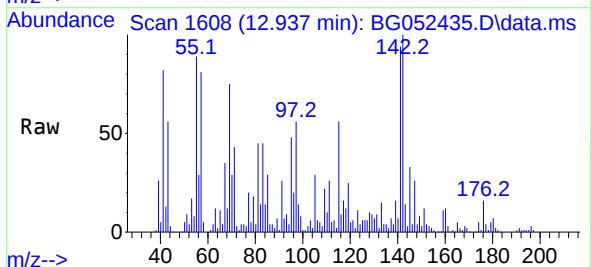
Instrument :
BNA_G
ClientSampleId :
C0AA9

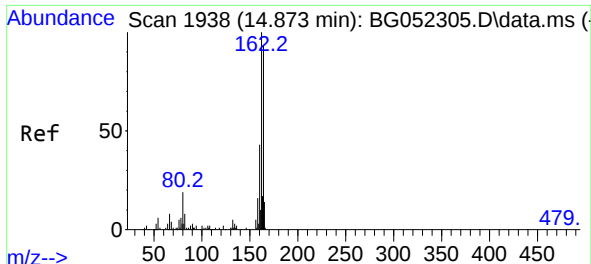
Tgt Ion:142 Resp: 228461
Ion Ratio Lower Upper
142 100
141 89.4 71.7 107.5
115 43.9 32.2 48.4



#38
1-Methylnaphthalene
Concen: 28.421 ng
RT: 12.937 min Scan# 1608
Delta R.T. 0.008 min
Lab File: BG052435.D
Acq: 21 Feb 2022 13:36

Tgt Ion:142 Resp: 146828
Ion Ratio Lower Upper
142 100
141 93.7 75.0 112.4
116 8.9 4.2 6.4#

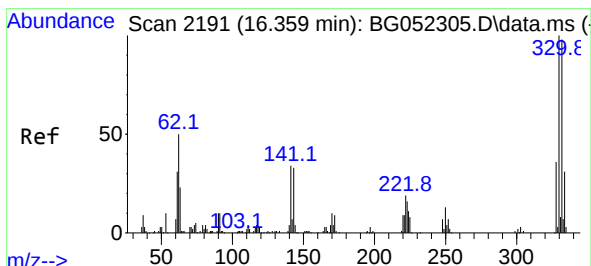
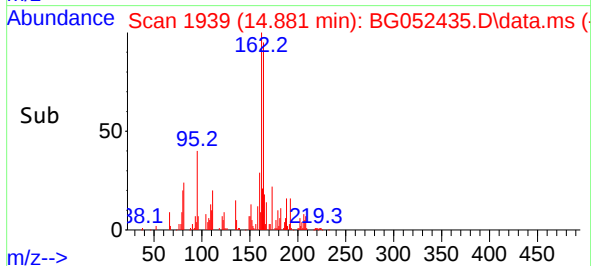
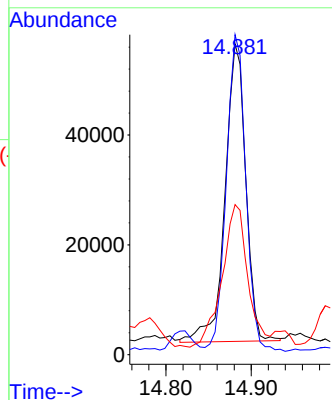
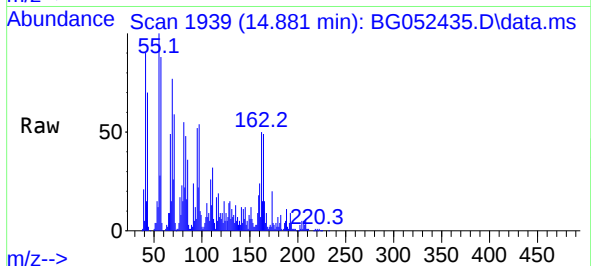




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.881 min Scan# 1939
Delta R.T. 0.008 min
Lab File: BG052435.D
Acq: 21 Feb 2022 13:36

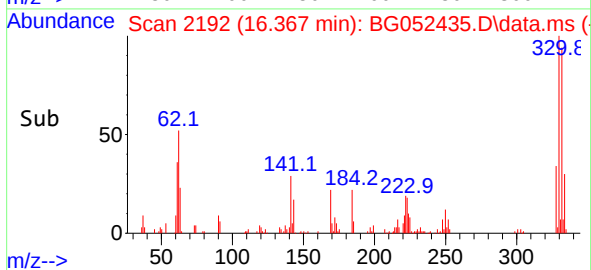
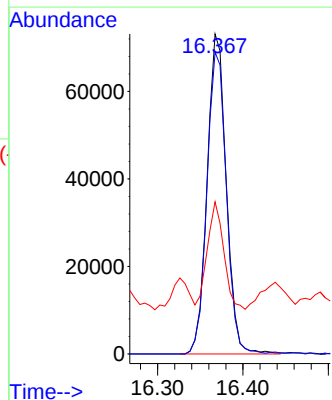
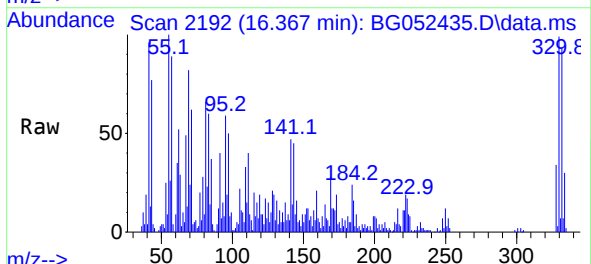
Instrument :
BNA_G
ClientSampleId :
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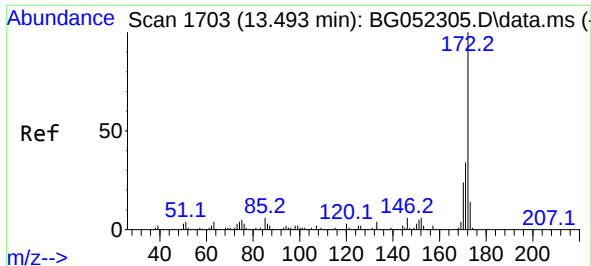
Tgt Ion:164 Resp: 91366
Ion Ratio Lower Upper
164 100
162 103.0 82.2 123.2
160 48.3 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 86.863 ng
RT: 16.367 min Scan# 2192
Delta R.T. 0.008 min
Lab File: BG052435.D
Acq: 21 Feb 2022 13:36

Tgt Ion:330 Resp: 114018
Ion Ratio Lower Upper
330 100
332 95.4 78.6 117.8
141 28.7 28.8 43.2#

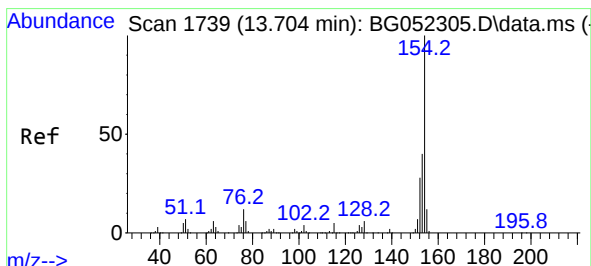
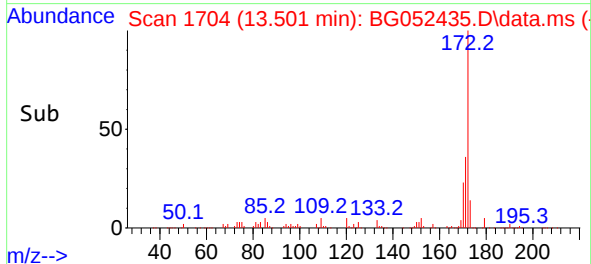
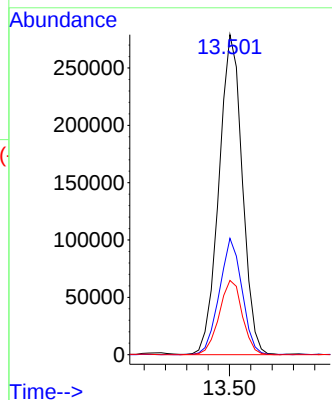
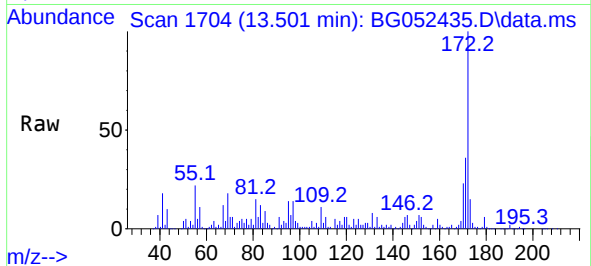




#45
2-Fluorobiphenyl
Concen: 64.477 ng
RT: 13.501 min Scan# 1704
Delta R.T. 0.008 min
Lab File: BG052435.D
Acq: 21 Feb 2022 13:36

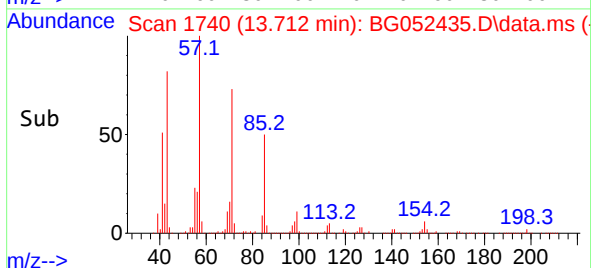
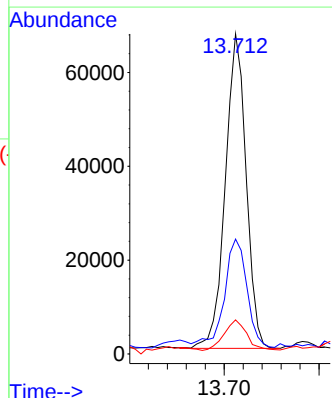
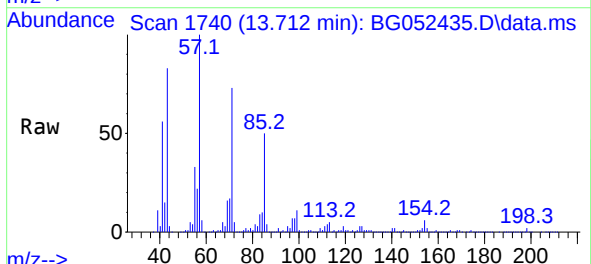
Instrument :
BNA_G
ClientSampleId :
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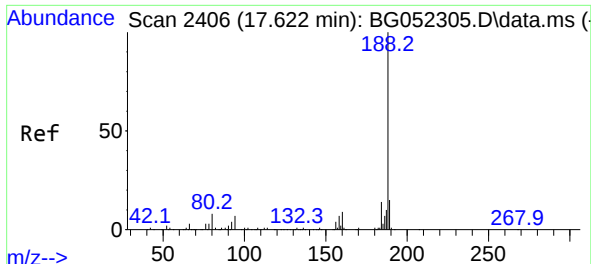
Tgt Ion:172 Resp: 423956
Ion Ratio Lower Upper
172 100
171 36.4 28.3 42.5
170 23.2 18.3 27.5



#46
1,1'-Biphenyl
Concen: 15.233 ng
RT: 13.712 min Scan# 1740
Delta R.T. 0.008 min
Lab File: BG052435.D
Acq: 21 Feb 2022 13:36

Tgt Ion:154 Resp: 102056
Ion Ratio Lower Upper
154 100
153 35.9 21.1 61.1
76 10.7 0.0 32.6

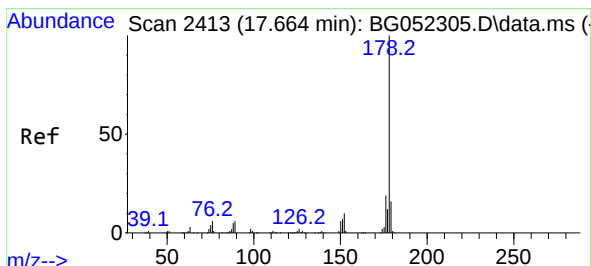
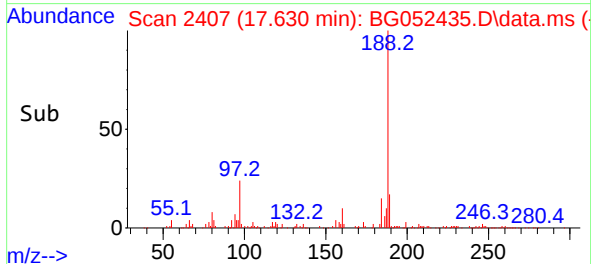
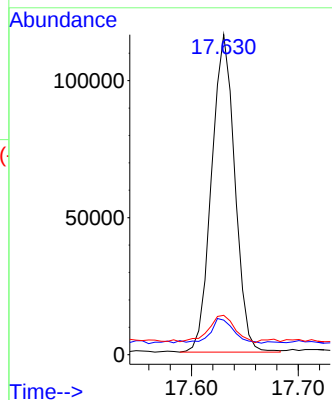
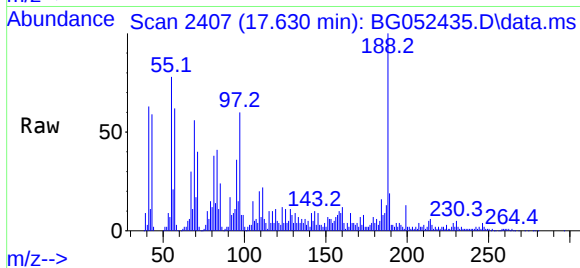




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2407
Delta R.T. 0.008 min
Lab File: BG052435.D
Acq: 21 Feb 2022 13:36

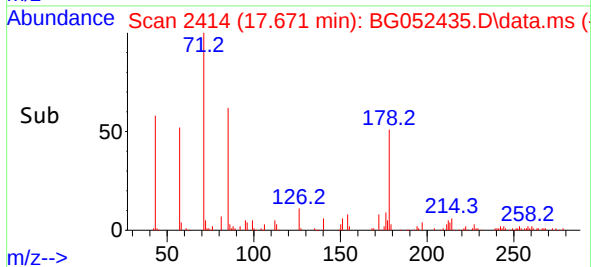
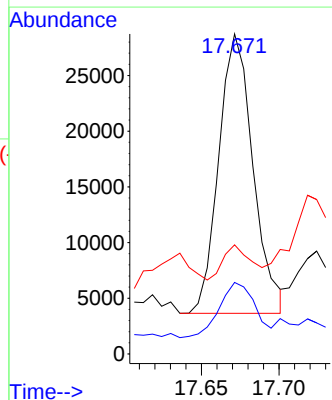
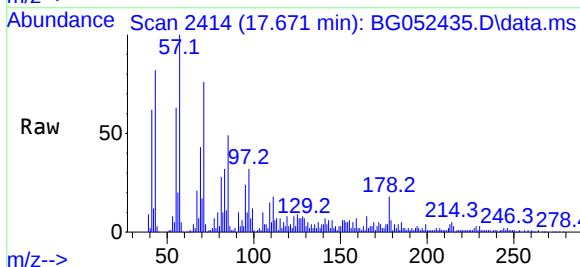
Instrument :
BNA_G
ClientSampleId :
C0AA9

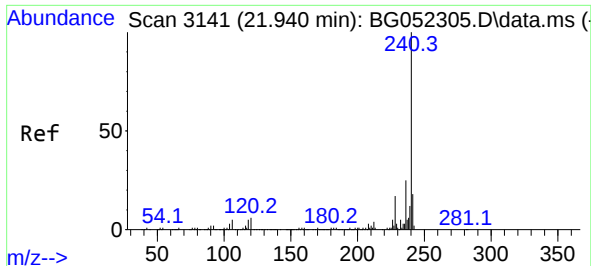
Tgt Ion:188 Resp: 175048
Ion Ratio Lower Upper
188 100
94 10.8 5.9 8.9#
80 12.3 6.6 10.0#



#71
Phenanthrene
Concen: 4.271 ng
RT: 17.671 min Scan# 2414
Delta R.T. 0.008 min
Lab File: BG052435.D
Acq: 21 Feb 2022 13:36

Tgt Ion:178 Resp: 38541
Ion Ratio Lower Upper
178 100
176 22.4 16.6 25.0
179 34.1 12.6 18.8#

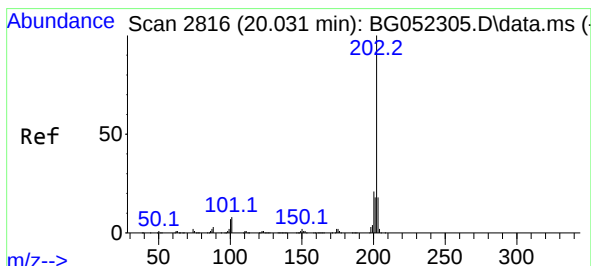
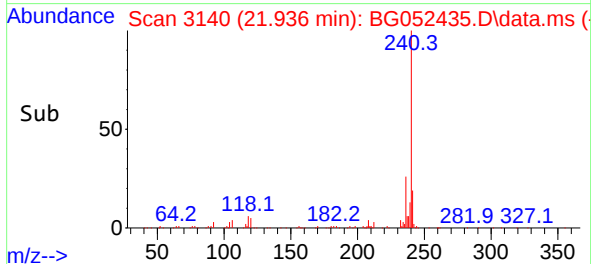
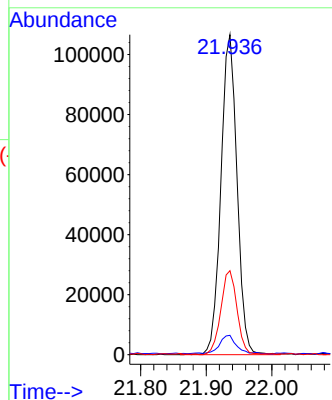
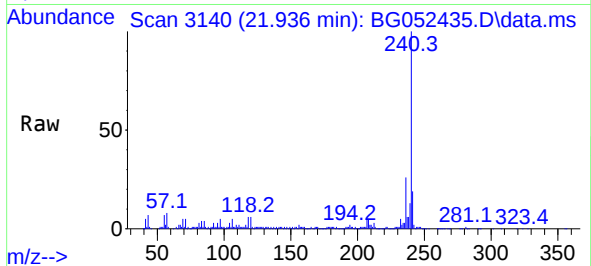




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.936 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BG052435.D
Acq: 21 Feb 2022 13:36

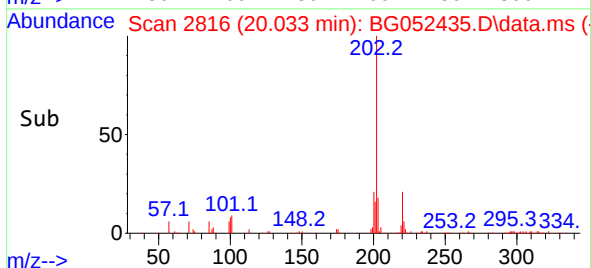
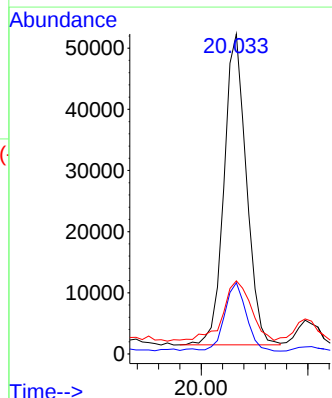
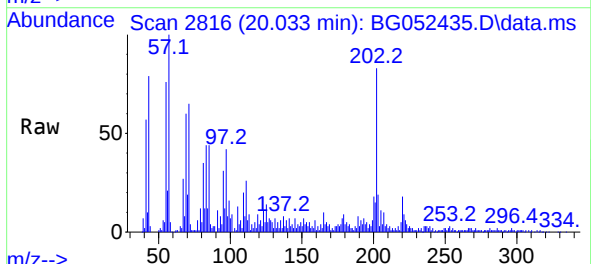
Instrument :
BNA_G
ClientSampleId :
C0AA9

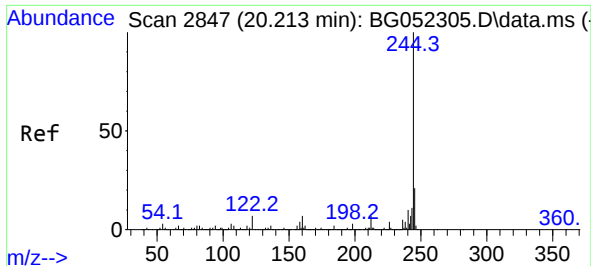
Tgt Ion:240 Resp: 180947
Ion Ratio Lower Upper
240 100
120 6.0 4.4 6.6
236 26.2 20.8 31.2



#78
Pyrene
Concen: 6.082 ng
RT: 20.033 min Scan# 2816
Delta R.T. 0.002 min
Lab File: BG052435.D
Acq: 21 Feb 2022 13:36

Tgt Ion:202 Resp: 73636
Ion Ratio Lower Upper
202 100
200 22.2 17.4 26.2
203 22.8 14.5 21.7#

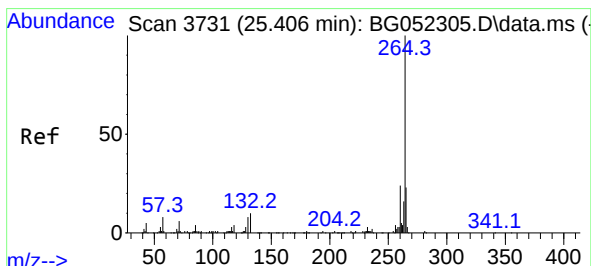
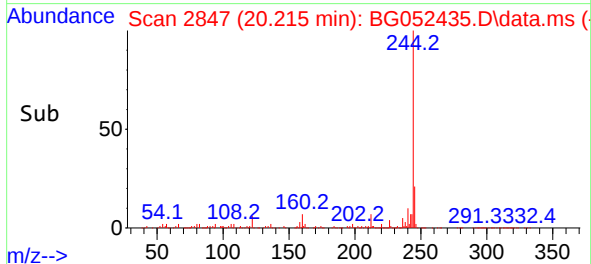
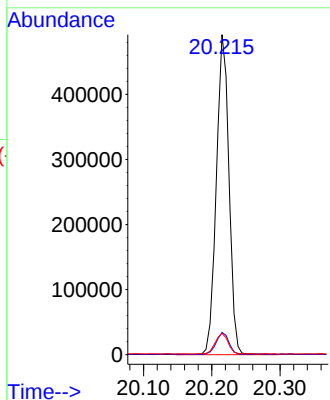
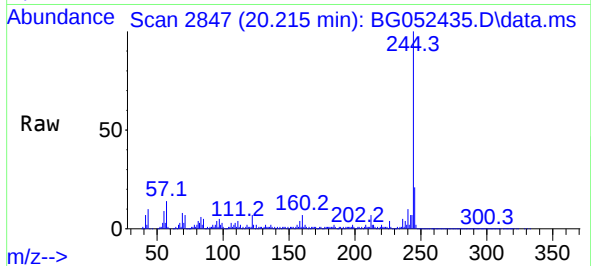




#79
 Terphenyl-d14
 Concen: 61.857 ng
 RT: 20.215 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG052435.D
 Acq: 21 Feb 2022 13:36

Instrument :
 BNA_G
 ClientSampleId :
 C0AA9

Tgt Ion:244 Resp: 633843
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 6.6 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.396 min Scan# 3729
 Delta R.T. -0.010 min
 Lab File: BG052435.D
 Acq: 21 Feb 2022 13:36

Tgt Ion:264 Resp: 212129
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.5 27.7
 265 22.3 17.8 26.6

