

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
 Data File : BG052439.D
 Acq On : 21 Feb 2022 16:11
 Operator : CG/JU
 Sample : N1600-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA4

Quant Time: Feb 22 00:51:21 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)

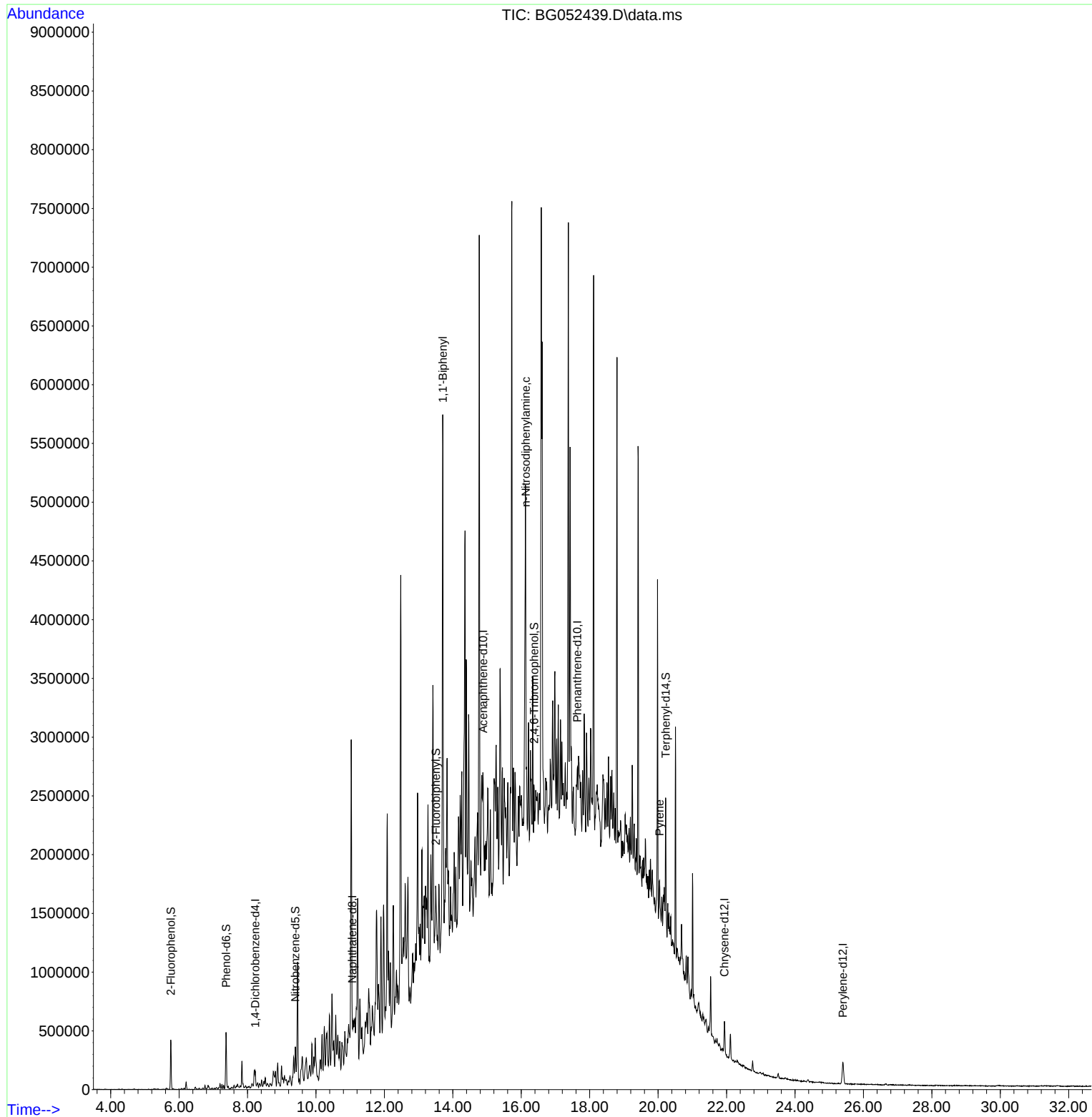
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	39222	20.000	ng	0.00
21) Naphthalene-d8	11.066	136	140218	20.000	ng	# 0.00
39) Acenaphthene-d10	14.884	164	89493	20.000	ng	# 0.01
64) Phenanthrene-d10	17.639	188	176986	20.000	ng	# 0.02
76) Chrysene-d12	21.939	240	178863	20.000	ng	0.00
86) Perylene-d12	25.399	264	202563	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	181189	80.513	ng	0.00
7) Phenol-d6	7.371	99	249286	71.793	ng	0.00
23) Nitrobenzene-d5	9.397	82	176433	54.686	ng	0.00
42) 2,4,6-Tribromophenol	16.376	330	93866	73.007	ng	0.02
45) 2-Fluorobiphenyl	13.503	172	343095	53.271	ng	0.01
79) Terphenyl-d14	20.224	244	514155	50.761	ng	0.01
Target Compounds						
						Qvalue
46) 1,1'-Biphenyl	13.709	154	17419	2.654	ng	89
66) n-Nitrosodiphenylamine	16.129	169	88878	18.226	ng	# 53
78) Pyrene	20.042	202	134232	11.216	ng	# 91

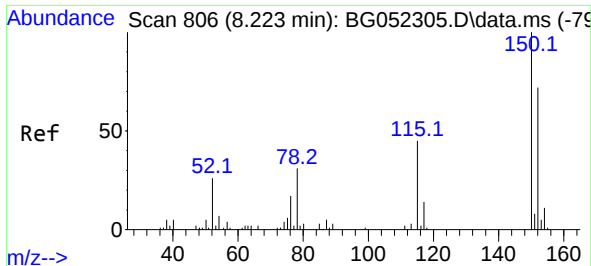
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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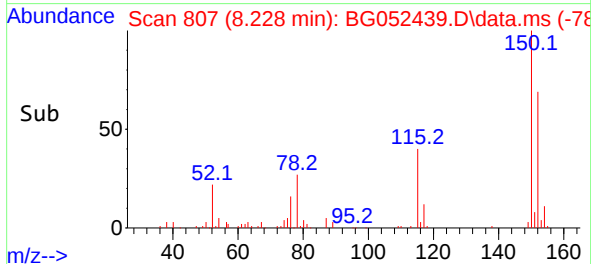
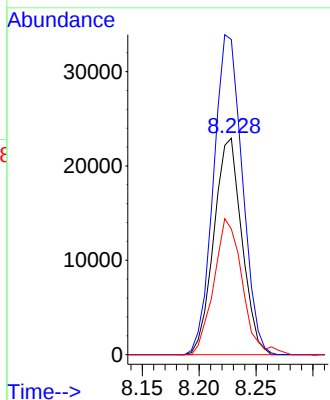
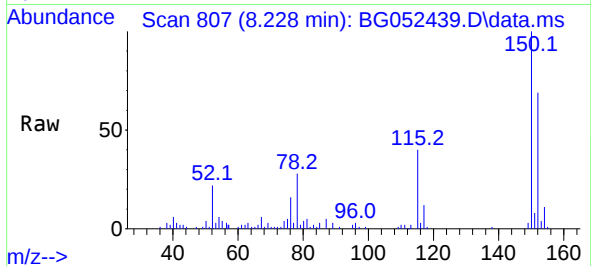




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.228 min Scan# 806
Delta R.T. 0.005 min
Lab File: BG052439.D
Acq: 21 Feb 2022 16:11

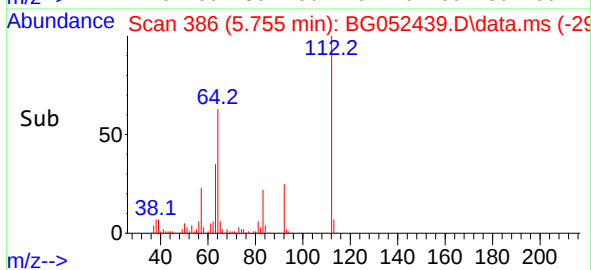
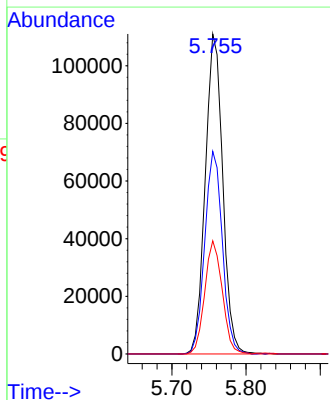
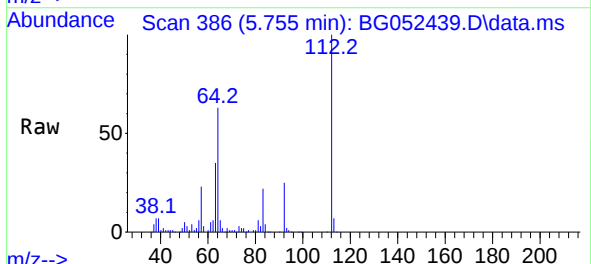
Instrument :
BNA_G
ClientSampleId :
C0AA4

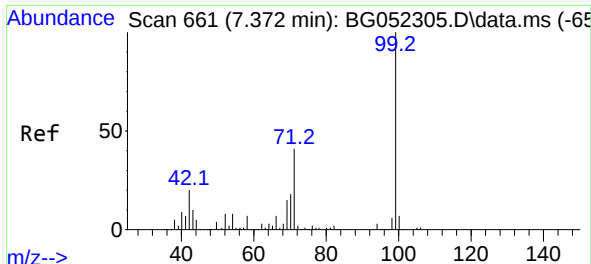
Tgt Ion:152 Resp: 39222
Ion Ratio Lower Upper
152 100
150 145.6 117.8 176.8
115 58.1 50.2 75.2



#5
2-Fluorophenol
Concen: 80.513 ng
RT: 5.755 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052439.D
Acq: 21 Feb 2022 16:11

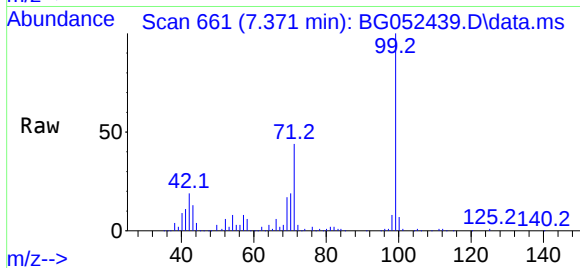
Tgt Ion:112 Resp: 181189
Ion Ratio Lower Upper
112 100
64 63.3 60.4 90.6
63 35.4 33.3 49.9





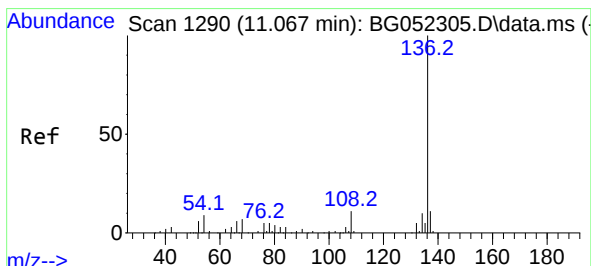
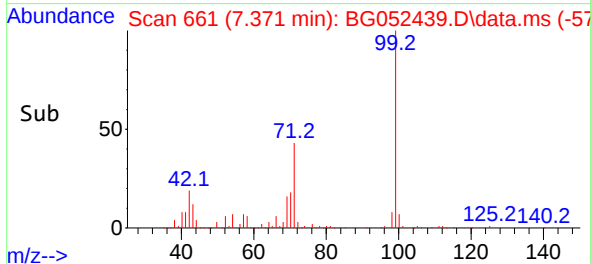
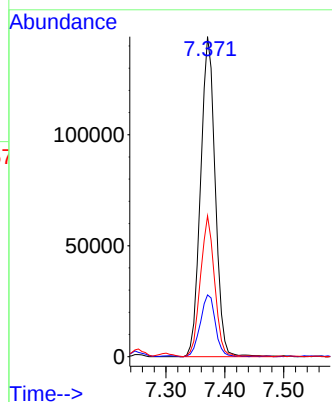
#7
Phenol-d6
Concen: 71.793 ng
RT: 7.371 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG052439.D
Acq: 21 Feb 2022 16:11

Instrument :
BNA_G
ClientSampleId :
C0AA4



Tgt Ion: 99 Resp: 249286

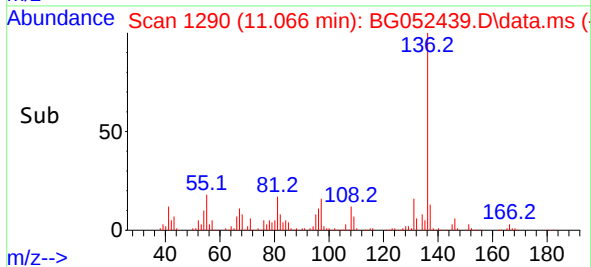
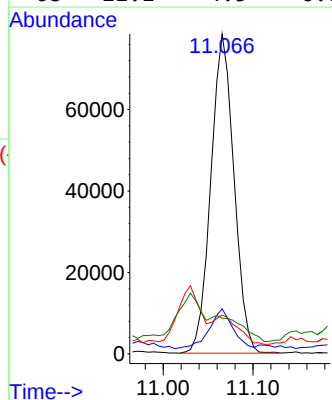
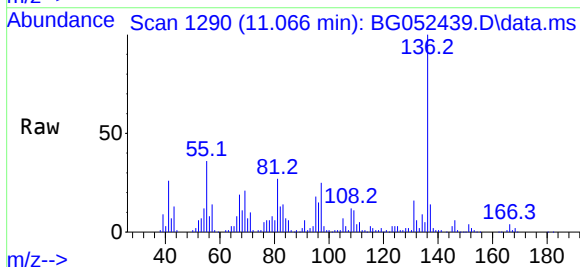
Ion	Ratio	Lower	Upper
99	100		
42	19.3	19.1	28.7
71	44.0	33.4	50.2

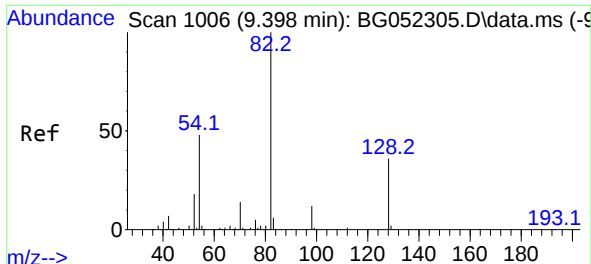


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.066 min Scan# 1290
Delta R.T. -0.001 min
Lab File: BG052439.D
Acq: 21 Feb 2022 16:11

Tgt Ion: 136 Resp: 140218

Ion	Ratio	Lower	Upper
136	100		
137	14.1	9.1	13.7#
54	12.1	8.3	12.5
68	11.1	4.5	6.7#

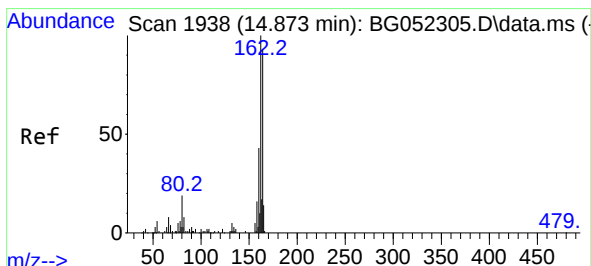
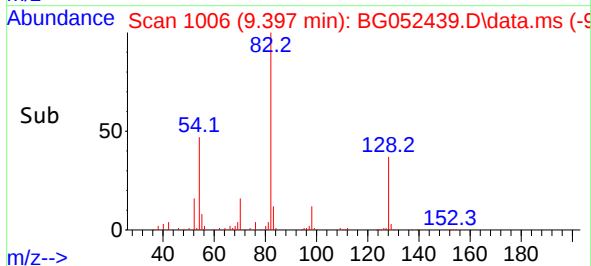
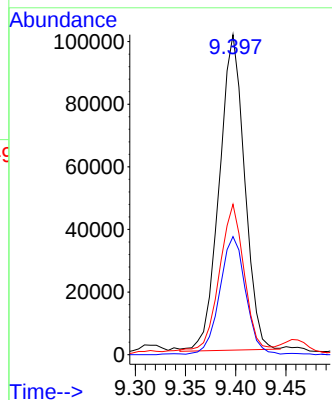
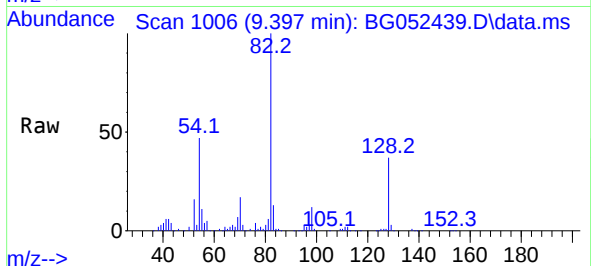




#23
Nitrobenzene-d5
Concen: 54.686 ng
RT: 9.397 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BG052439.D
Acq: 21 Feb 2022 16:11

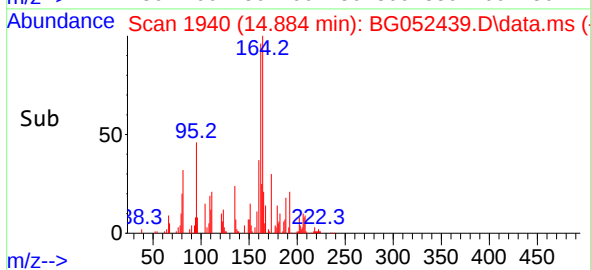
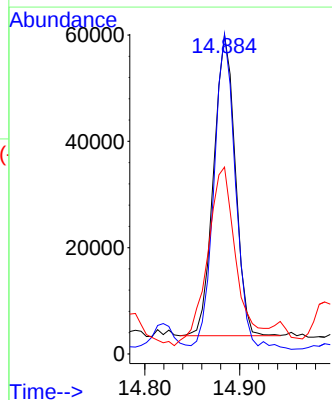
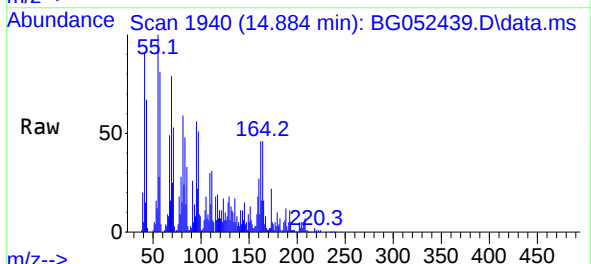
Instrument :
BNA_G
ClientSampleId :
C0AA4

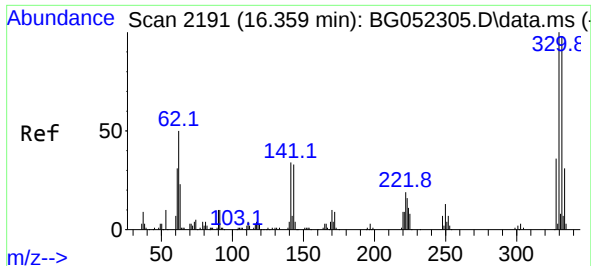
Tgt Ion: 82 Resp: 176433
Ion Ratio Lower Upper
82 100
128 36.9 27.0 40.4
54 47.0 41.0 61.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.884 min Scan# 1940
Delta R.T. 0.011 min
Lab File: BG052439.D
Acq: 21 Feb 2022 16:11

Tgt Ion:164 Resp: 89493
Ion Ratio Lower Upper
164 100
162 100.4 82.2 123.2
160 58.6 36.2 54.2#

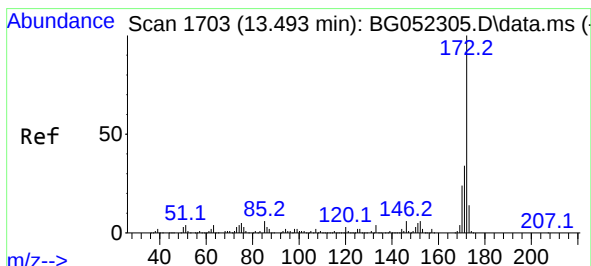
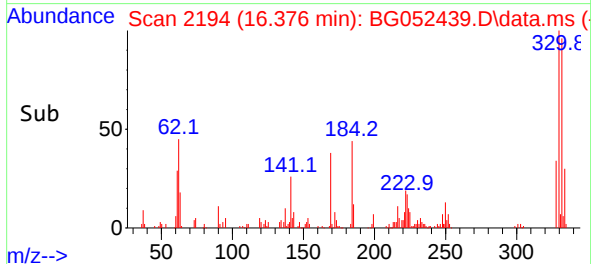
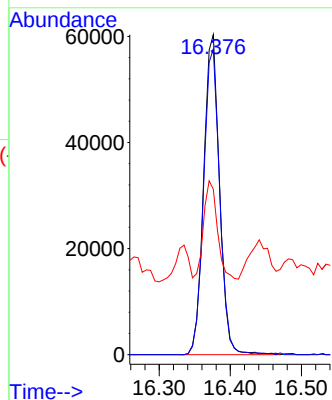
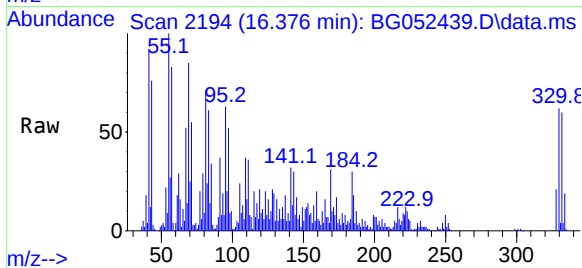




#42
2,4,6-Tribromophenol
Concen: 73.007 ng
RT: 16.376 min Scan# 2191
Delta R.T. 0.017 min
Lab File: BG052439.D
Acq: 21 Feb 2022 16:11

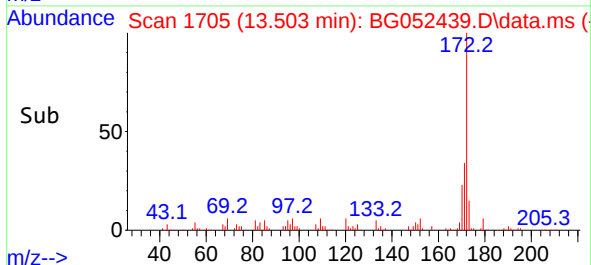
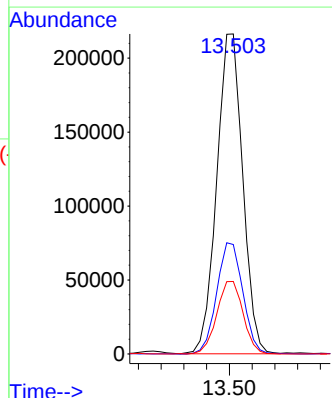
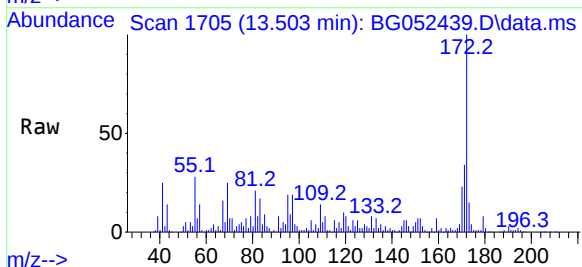
Instrument :
BNA_G
ClientSampleId :
C0AA4

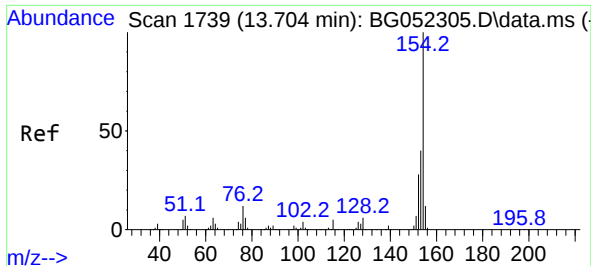
Tgt Ion:330 Resp: 93866
Ion Ratio Lower Upper
330 100
332 96.6 78.6 117.8
141 26.4 28.8 43.2#



#45
2-Fluorobiphenyl
Concen: 53.271 ng
RT: 13.503 min Scan# 1705
Delta R.T. 0.011 min
Lab File: BG052439.D
Acq: 21 Feb 2022 16:11

Tgt Ion:172 Resp: 343095
Ion Ratio Lower Upper
172 100
171 34.2 28.3 42.5
170 22.6 18.3 27.5

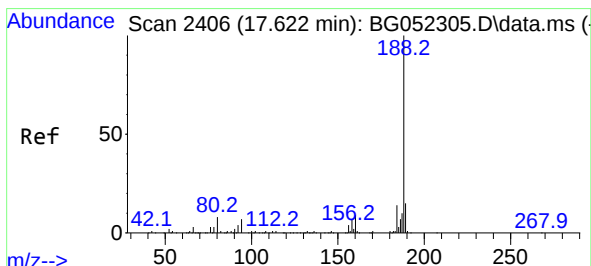
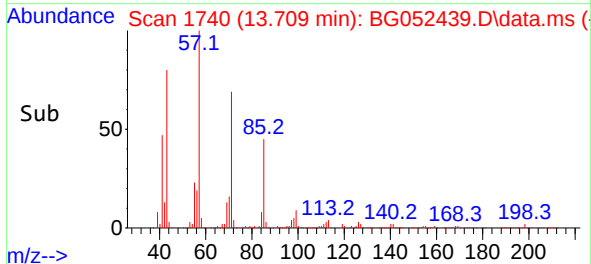
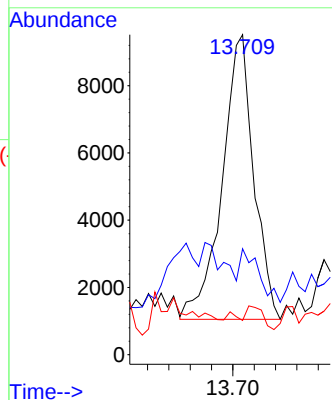
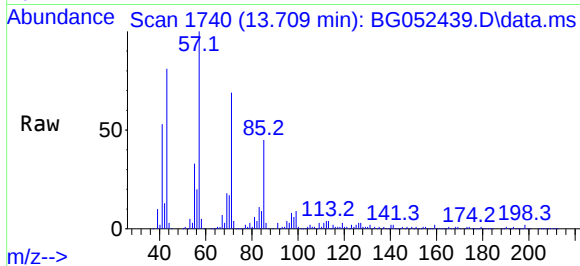




#46
1,1'-Biphenyl
Concen: 2.654 ng
RT: 13.709 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG052439.D
Acq: 21 Feb 2022 16:11

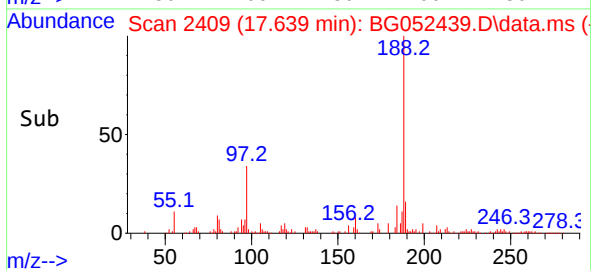
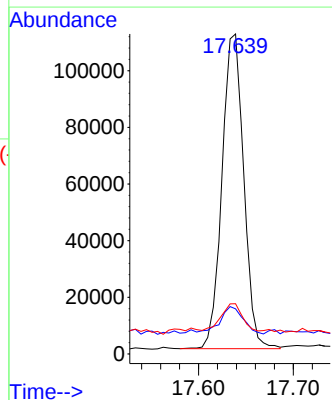
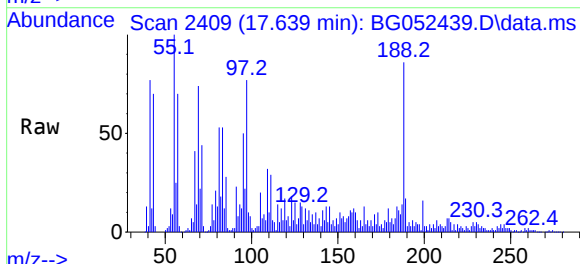
Instrument :
BNA_G
ClientSampleId :
C0AA4

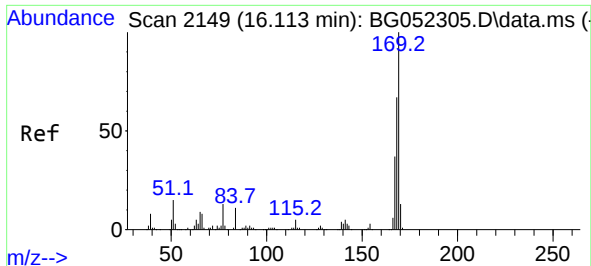
Tgt Ion:154 Resp: 17419
Ion Ratio Lower Upper
154 100
153 33.1 21.1 61.1
76 10.7 0.0 32.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.639 min Scan# 2409
Delta R.T. 0.017 min
Lab File: BG052439.D
Acq: 21 Feb 2022 16:11

Tgt Ion:188 Resp: 176986
Ion Ratio Lower Upper
188 100
94 14.1 5.9 8.9#
80 15.7 6.6 10.0#

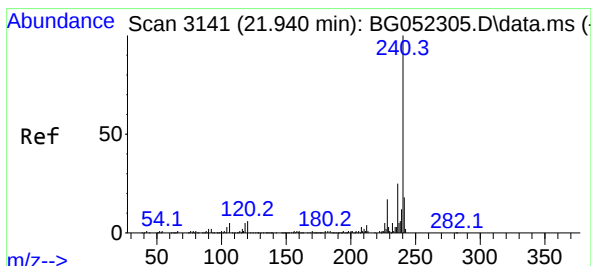
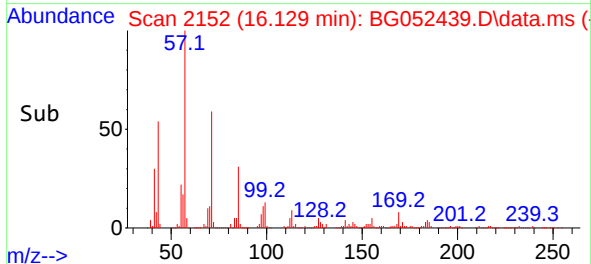
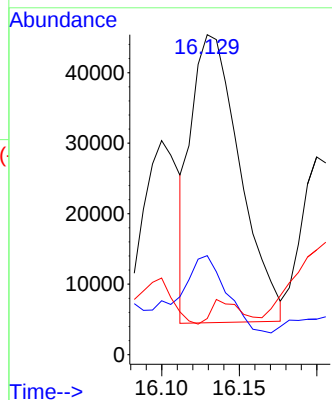
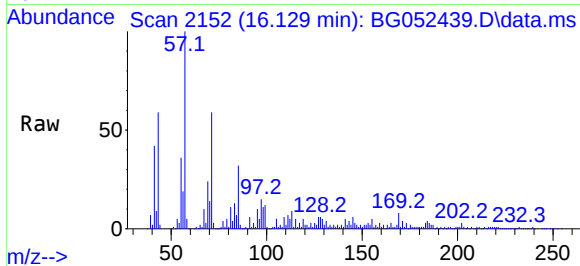




#66
n-Nitrosodiphenylamine
Concen: 18.226 ng
RT: 16.129 min Scan# 2149
Delta R.T. 0.017 min
Lab File: BG052439.D
Acq: 21 Feb 2022 16:11

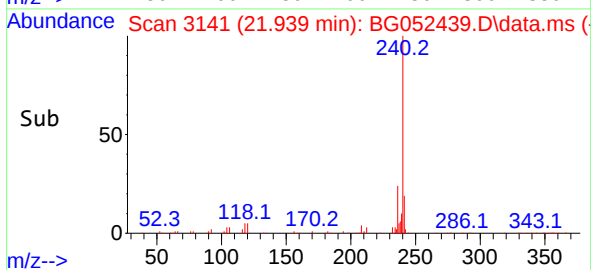
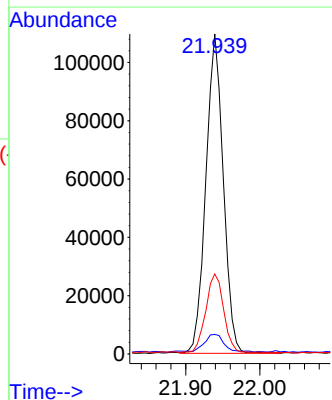
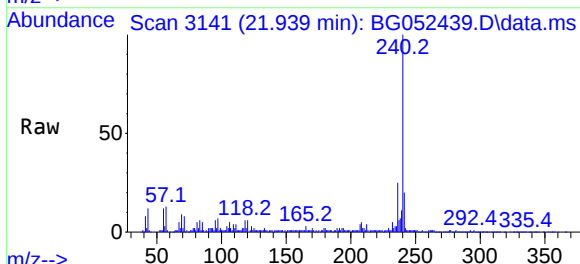
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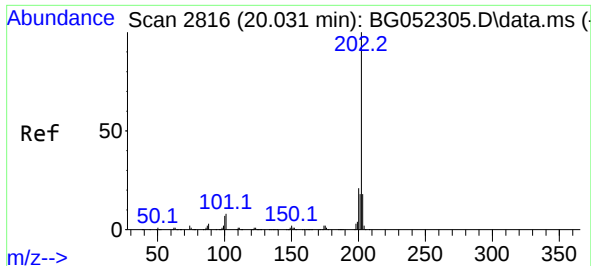
Tgt Ion:169 Resp: 88878
Ion Ratio Lower Upper
169 100
168 30.9 57.4 86.0#
167 11.3 29.5 44.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.939 min Scan# 3141
Delta R.T. -0.001 min
Lab File: BG052439.D
Acq: 21 Feb 2022 16:11

Tgt Ion:240 Resp: 178863
Ion Ratio Lower Upper
240 100
120 6.1 4.4 6.6
236 25.0 20.8 31.2

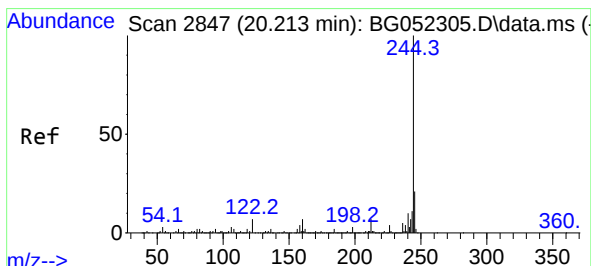
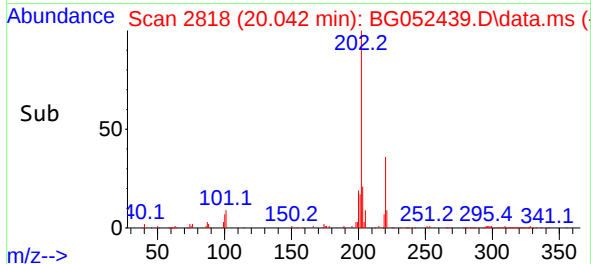
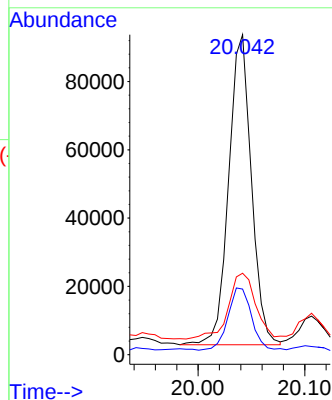
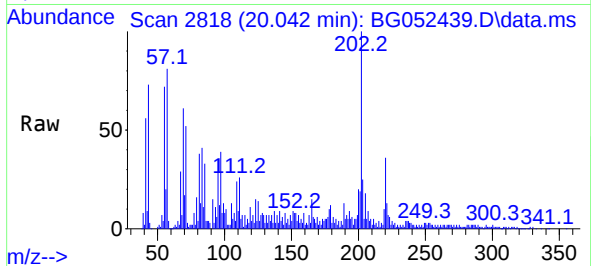




#78
Pyrene
Concen: 11.216 ng
RT: 20.042 min Scan# 2816
Delta R.T. 0.011 min
Lab File: BG052439.D
Acq: 21 Feb 2022 16:11

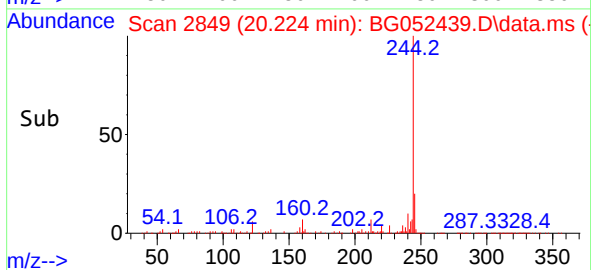
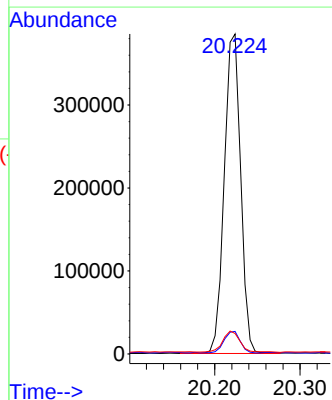
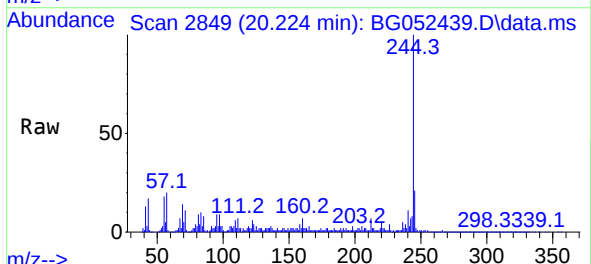
Instrument :
BNA_G
ClientSampleId :
C0AA4

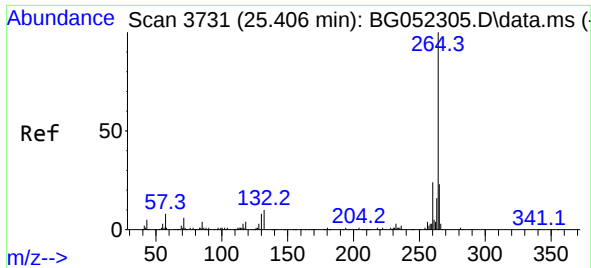
Tgt Ion:202 Resp: 134232
Ion Ratio Lower Upper
202 100
200 20.5 17.4 26.2
203 25.5 14.5 21.7#



#79
Terphenyl-d14
Concen: 50.761 ng
RT: 20.224 min Scan# 2849
Delta R.T. 0.011 min
Lab File: BG052439.D
Acq: 21 Feb 2022 16:11

Tgt Ion:244 Resp: 514155
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 6.4 6.2 9.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.399 min Scan# 31
 Delta R.T. -0.007 min
 Lab File: BG052439.D
 Acq: 21 Feb 2022 16:11

Instrument :
 BNA_G
 ClientSampleId :
 C0AA4

Tgt Ion:264 Resp: 202563
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.5 27.7
 265 19.9 17.8 26.6

