

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
 Data File : BG052436.D
 Acq On : 21 Feb 2022 14:15
 Operator : CG/JU
 Sample : N1600-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA0

Quant Time: Feb 21 14:57:04 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)

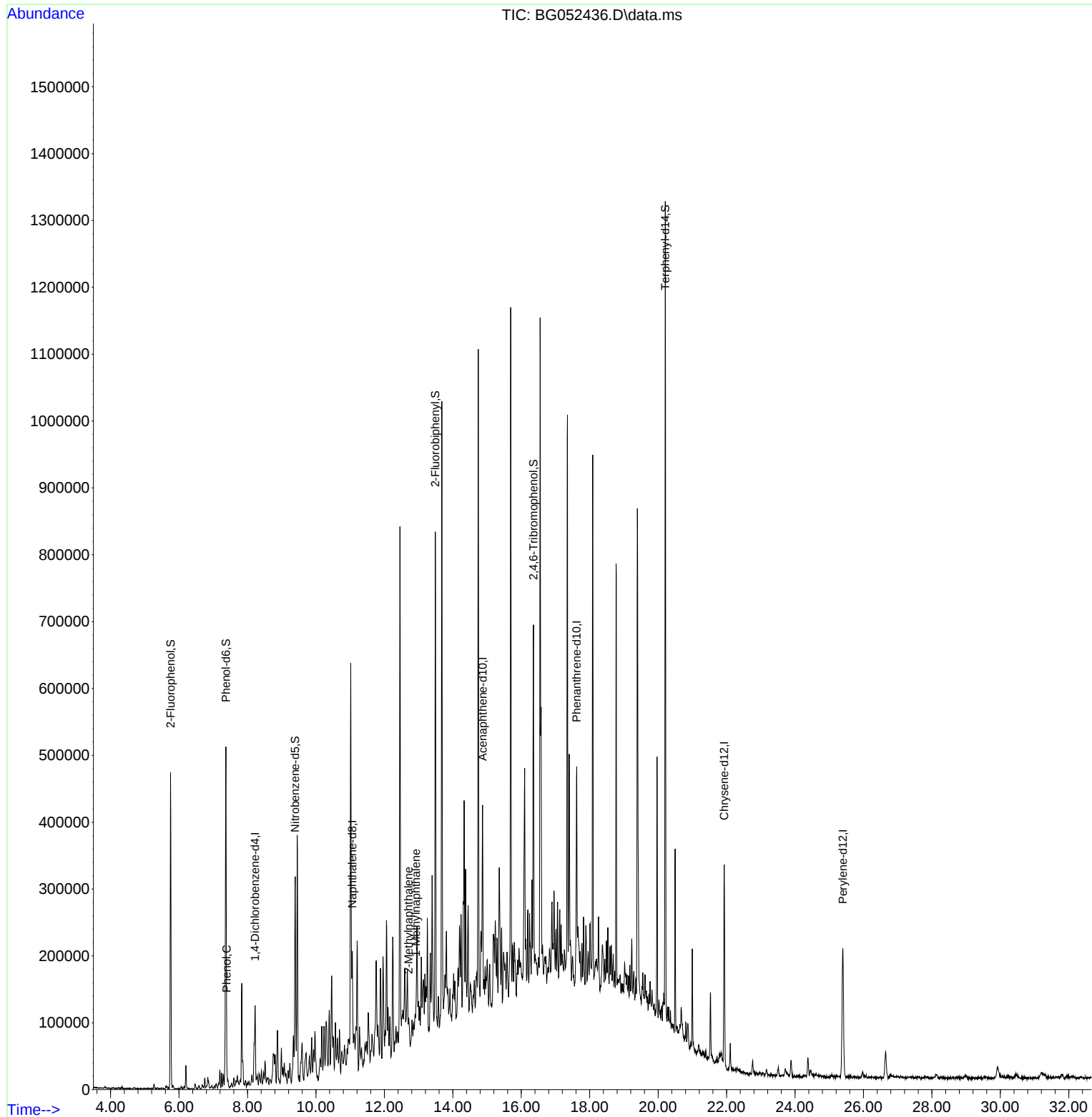
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.221	152	33713	20.000	ng	0.00
21) Naphthalene-d8	11.064	136	132554	20.000	ng	# 0.00
39) Acenaphthene-d10	14.870	164	86038	20.000	ng	0.00
64) Phenanthrene-d10	17.620	188	193516	20.000	ng	0.00
76) Chrysene-d12	21.931	240	201872	20.000	ng	0.00
86) Perylene-d12	25.397	264	224927	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.753	112	197316	102.006	ng	0.00
7) Phenol-d6	7.369	99	275452	92.291	ng	0.00
23) Nitrobenzene-d5	9.395	82	190607	62.495	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	115310	93.287	ng	0.00
45) 2-Fluorobiphenyl	13.490	172	386506	62.422	ng	0.00
79) Terphenyl-d14	20.210	244	624771	54.651	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.392	94	9859	3.325	ng	91
37) 2-Methylnaphthalene	12.709	142	17862	3.461	ng	94
38) 1-Methylnaphthalene	12.926	142	12163	2.432	ng	# 93

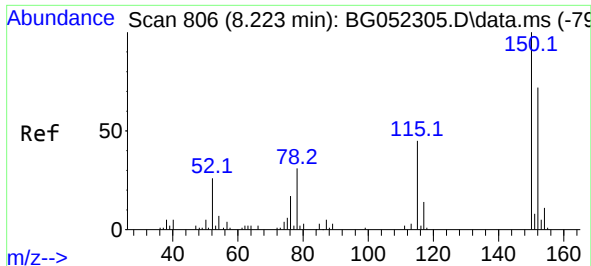
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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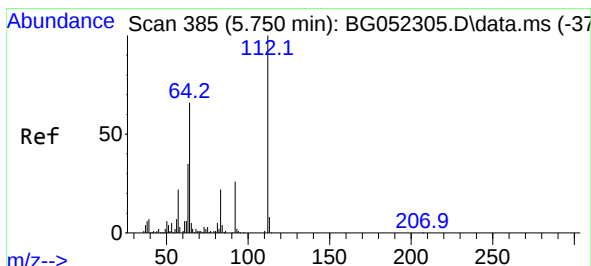
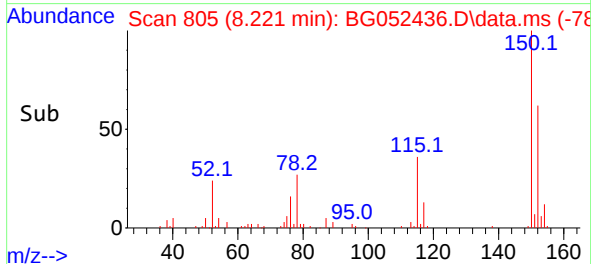
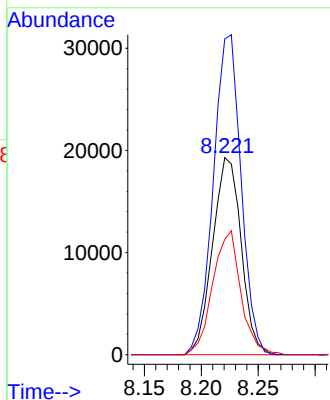
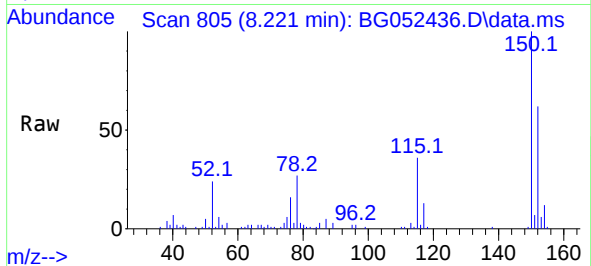




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.221 min Scan# 806
Delta R.T. -0.002 min
Lab File: BG052436.D
Acq: 21 Feb 2022 14:15

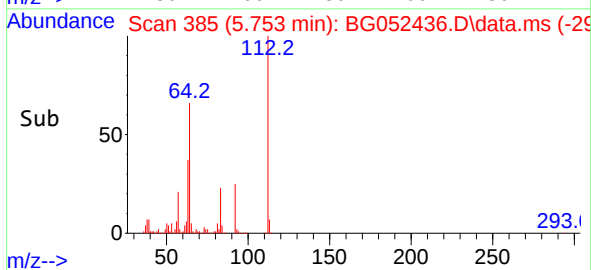
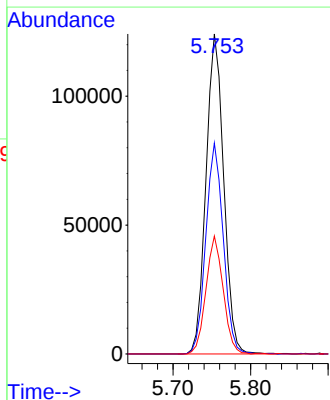
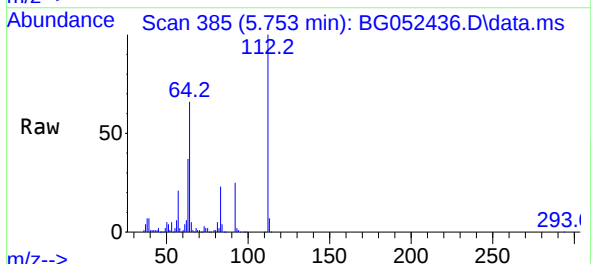
Instrument :
BNA_G
ClientSampleId :
C0AA0

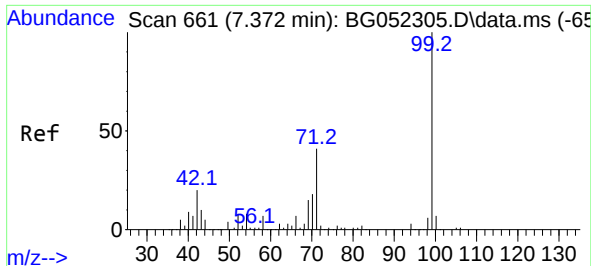
Tgt Ion:152 Resp: 33713
Ion Ratio Lower Upper
152 100
150 160.2 117.8 176.8
115 58.5 50.2 75.2



#5
2-Fluorophenol
Concen: 102.006 ng
RT: 5.753 min Scan# 385
Delta R.T. 0.003 min
Lab File: BG052436.D
Acq: 21 Feb 2022 14:15

Tgt Ion:112 Resp: 197316
Ion Ratio Lower Upper
112 100
64 65.9 60.4 90.6
63 36.8 33.3 49.9

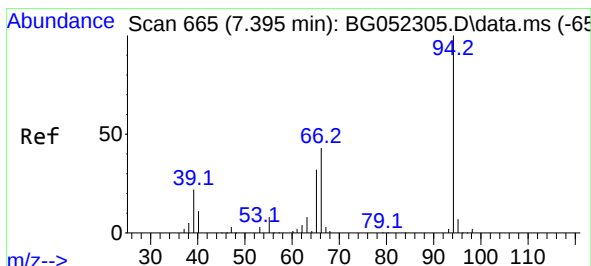
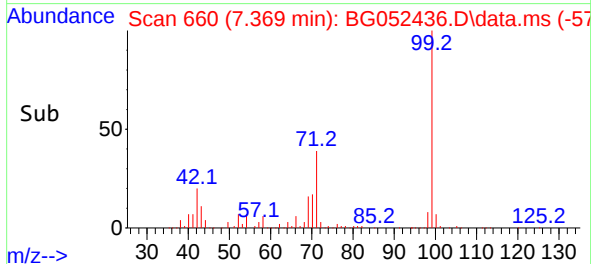
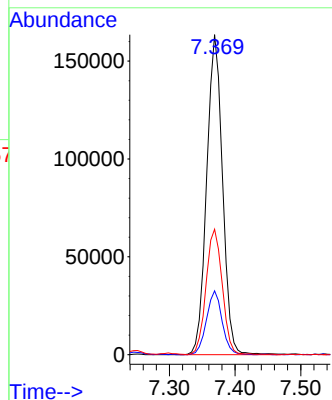
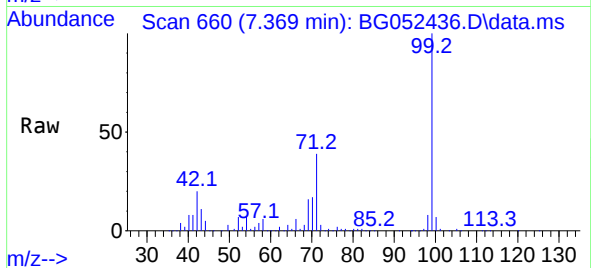




#7
Phenol-d6
Concen: 92.291 ng
RT: 7.369 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG052436.D
Acq: 21 Feb 2022 14:15

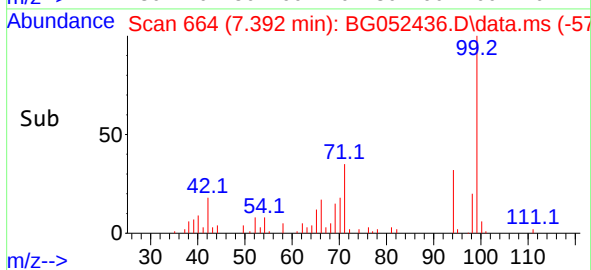
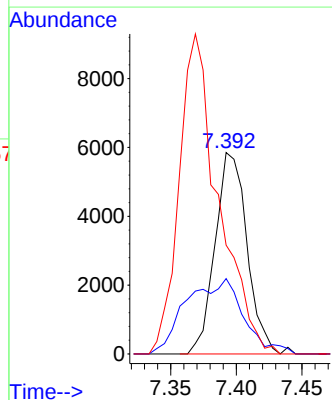
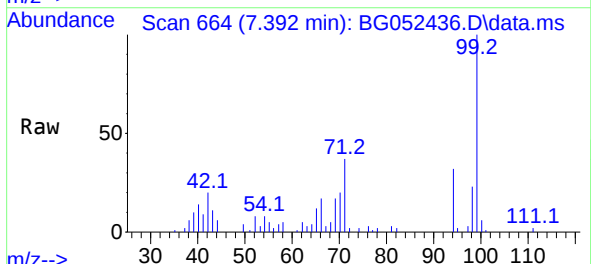
Instrument :
BNA_G
ClientSampleId :
C0AA0

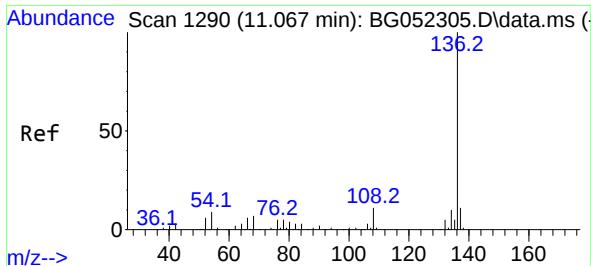
Tgt Ion: 99 Resp: 275452
Ion Ratio Lower Upper
99 100
42 20.0 19.1 28.7
71 39.2 33.4 50.2



#10
Phenol
Concen: 3.325 ng
RT: 7.392 min Scan# 664
Delta R.T. -0.003 min
Lab File: BG052436.D
Acq: 21 Feb 2022 14:15

Tgt Ion: 94 Resp: 9859
Ion Ratio Lower Upper
94 100
65 37.4 14.1 54.1
66 54.0 26.6 66.6

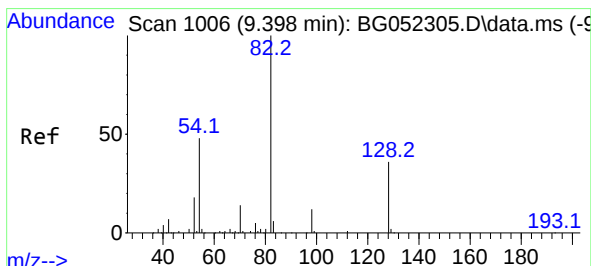
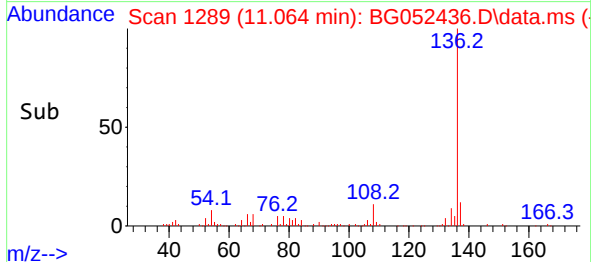
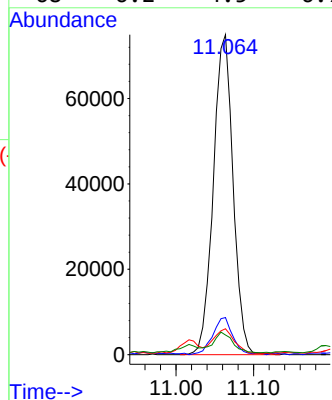
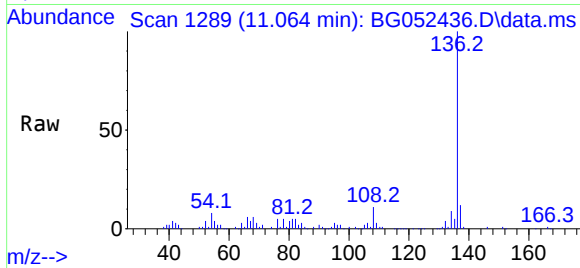




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.064 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG052436.D
Acq: 21 Feb 2022 14:15

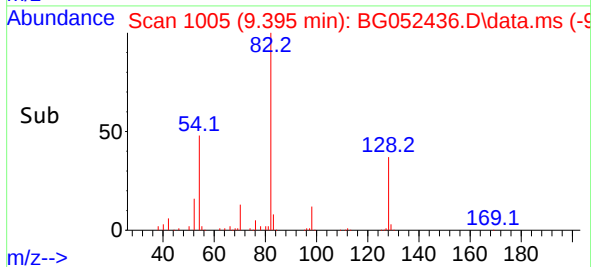
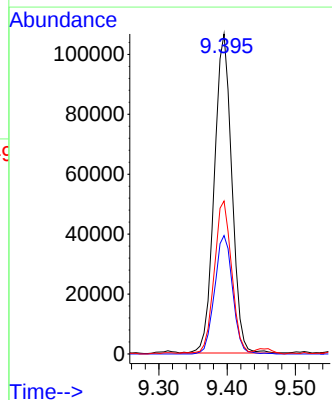
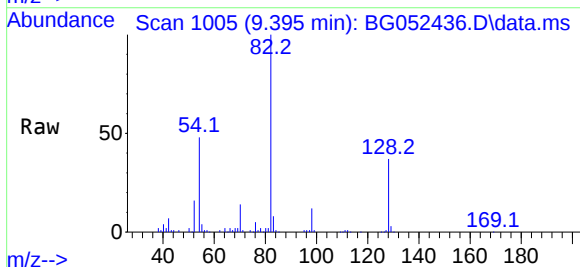
Instrument :
BNA_G
ClientSampleId :
C0AA0

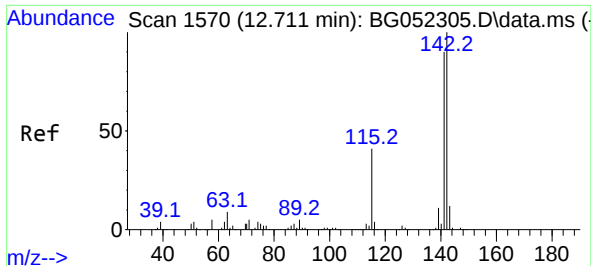
Tgt Ion:136 Resp: 132554
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 8.1 8.3 12.5#
68 6.2 4.5 6.7



#23
Nitrobenzene-d5
Concen: 62.495 ng
RT: 9.395 min Scan# 1005
Delta R.T. -0.003 min
Lab File: BG052436.D
Acq: 21 Feb 2022 14:15

Tgt Ion: 82 Resp: 190607
Ion Ratio Lower Upper
82 100
128 37.0 27.0 40.4
54 47.8 41.0 61.6





#37

2-Methylnaphthalene

Concen: 3.461 ng

RT: 12.709 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG052436.D

Acq: 21 Feb 2022 14:15

Instrument :

BNA_G

ClientSampleId :

C0AA0

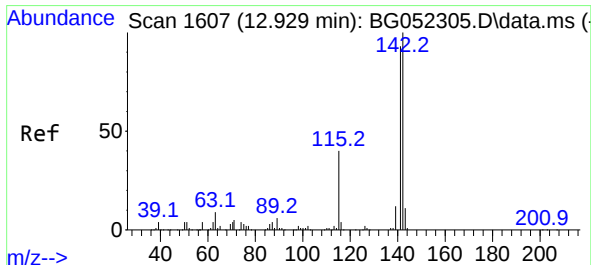
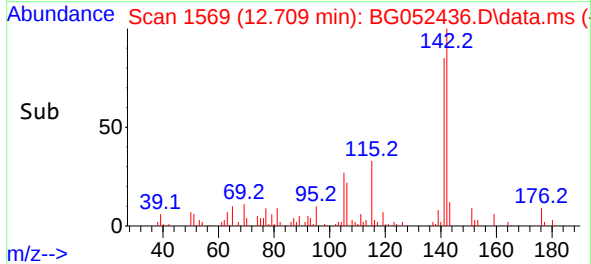
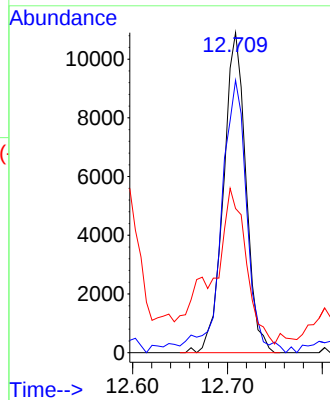
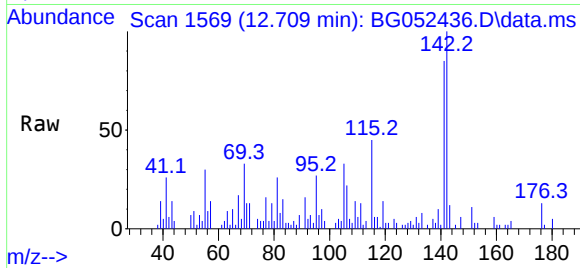
Tgt Ion:142 Resp: 17862

Ion Ratio Lower Upper

142 100

141 85.1 71.7 107.5

115 45.0 32.2 48.4



#38

1-Methylnaphthalene

Concen: 2.432 ng

RT: 12.926 min Scan# 1606

Delta R.T. -0.003 min

Lab File: BG052436.D

Acq: 21 Feb 2022 14:15

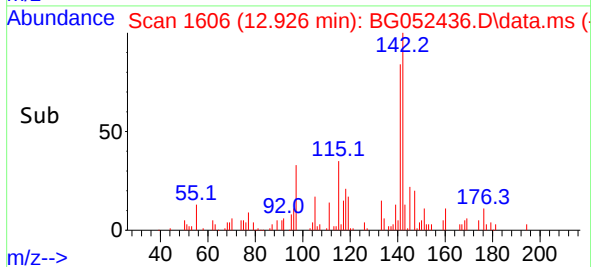
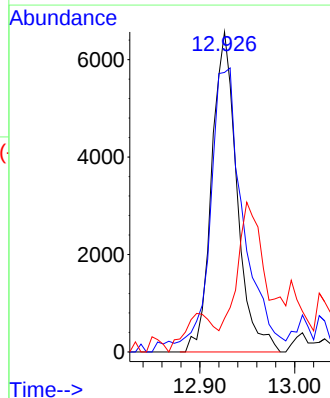
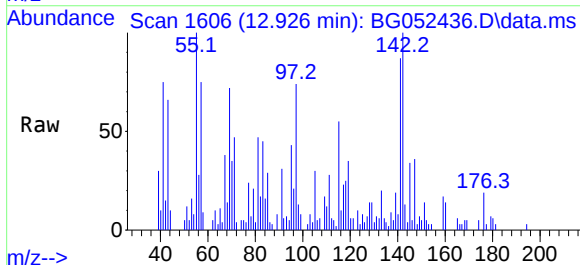
Tgt Ion:142 Resp: 12163

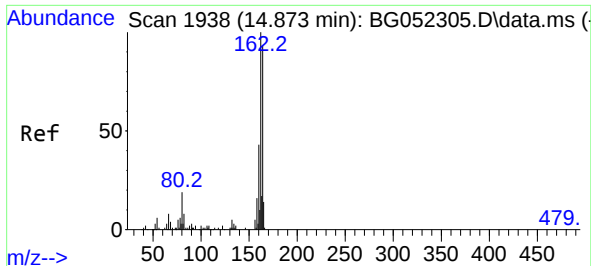
Ion Ratio Lower Upper

142 100

141 87.3 75.0 112.4

116 10.5 4.2 6.4#

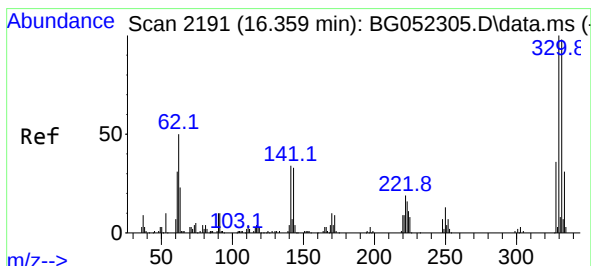
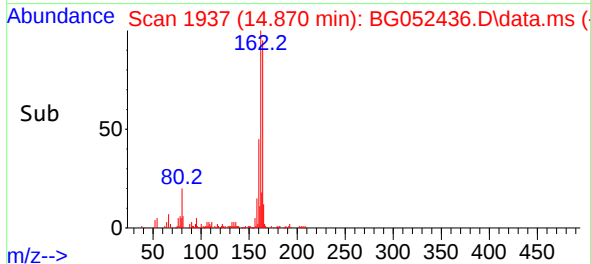
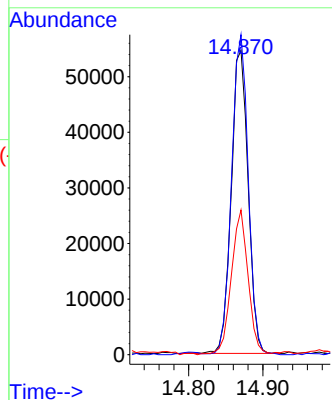
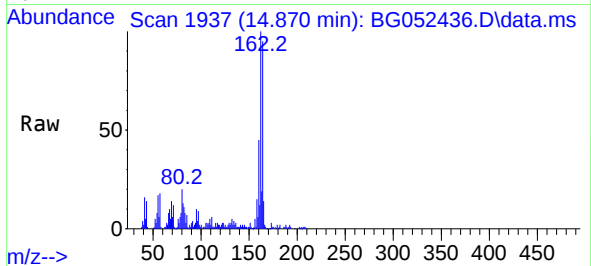




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.870 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG052436.D
Acq: 21 Feb 2022 14:15

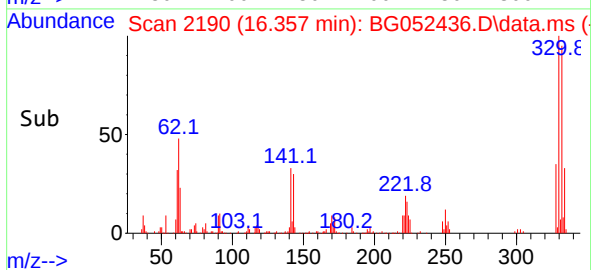
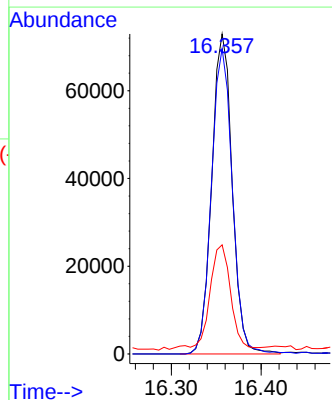
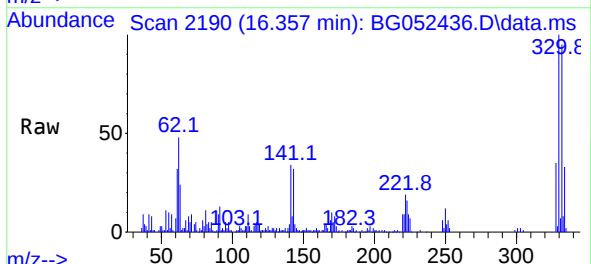
Instrument :
BNA_G
ClientSampleId :
C0AA0

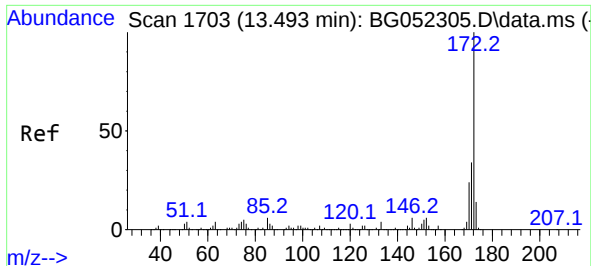
Tgt Ion:164 Resp: 86038
Ion Ratio Lower Upper
164 100
162 105.2 82.2 123.2
160 47.5 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 93.287 ng
RT: 16.357 min Scan# 2190
Delta R.T. -0.002 min
Lab File: BG052436.D
Acq: 21 Feb 2022 14:15

Tgt Ion:330 Resp: 115310
Ion Ratio Lower Upper
330 100
332 97.4 78.6 117.8
141 34.7 28.8 43.2

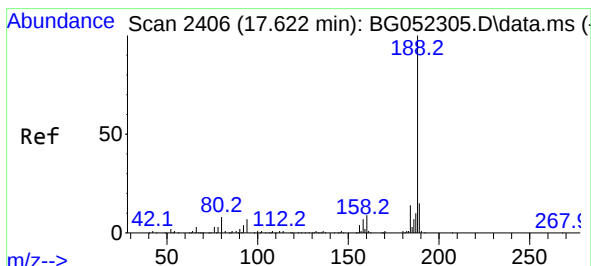
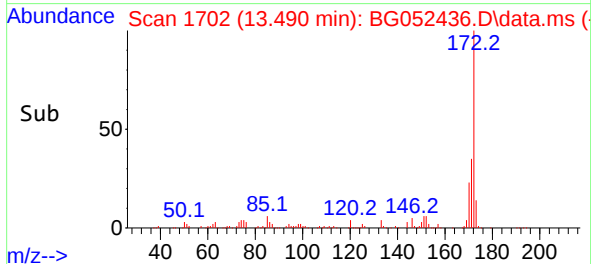
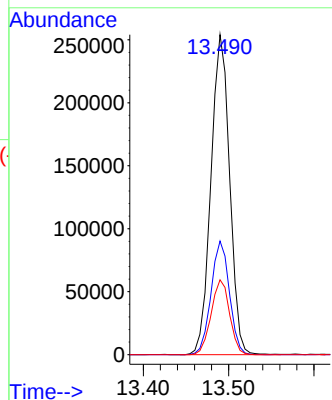
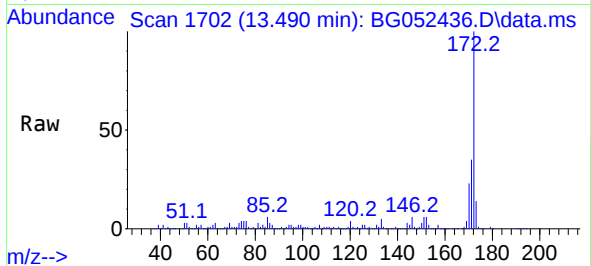




#45
2-Fluorobiphenyl
Concen: 62.422 ng
RT: 13.490 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG052436.D
Acq: 21 Feb 2022 14:15

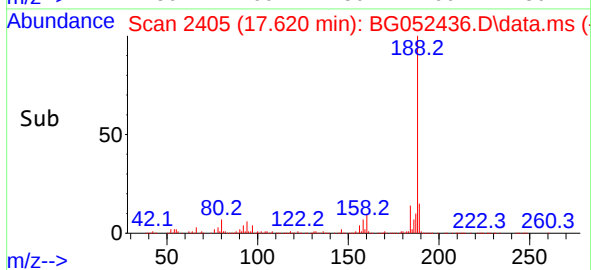
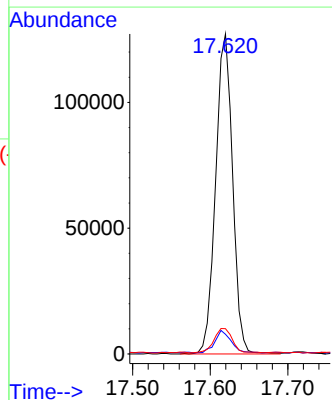
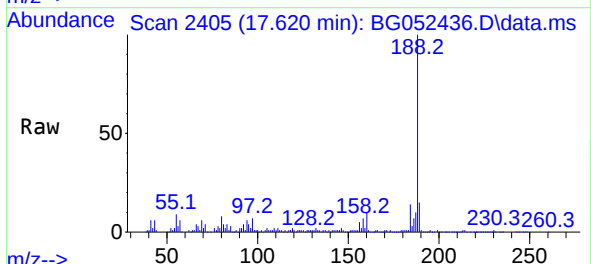
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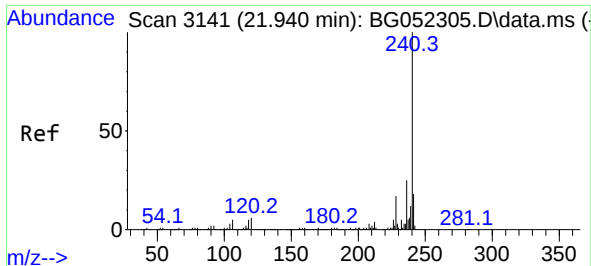
Tgt Ion:172 Resp: 386506
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.4 18.3 27.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.620 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BG052436.D
Acq: 21 Feb 2022 14:15

Tgt Ion:188 Resp: 193516
Ion Ratio Lower Upper
188 100
94 6.1 5.9 8.9
80 7.9 6.6 10.0

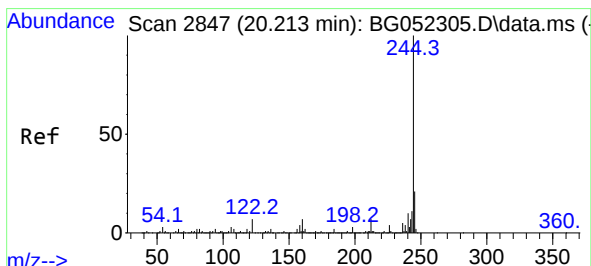
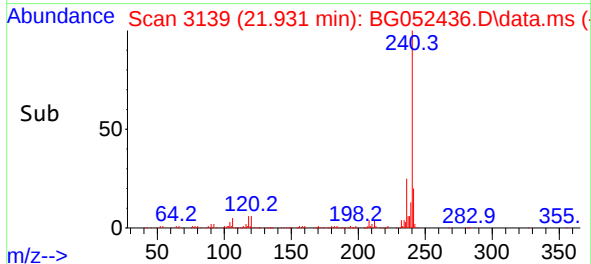
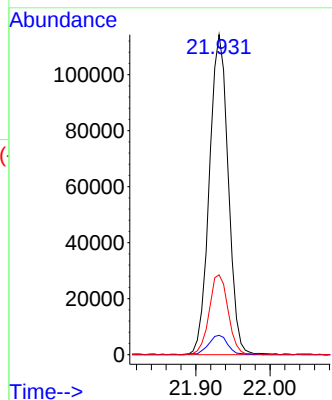
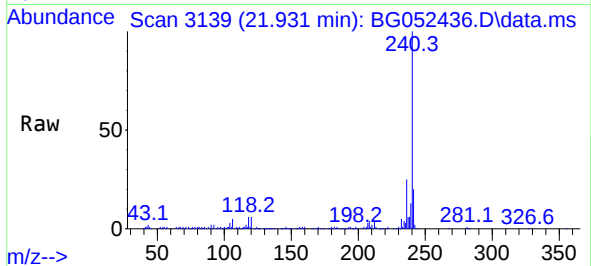




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.931 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG052436.D
Acq: 21 Feb 2022 14:15

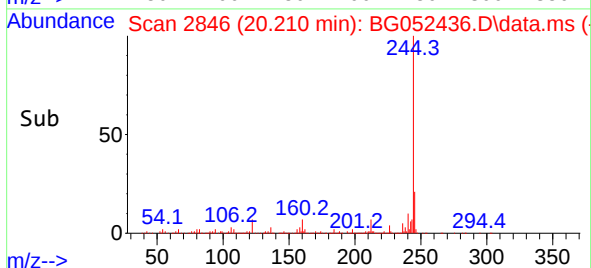
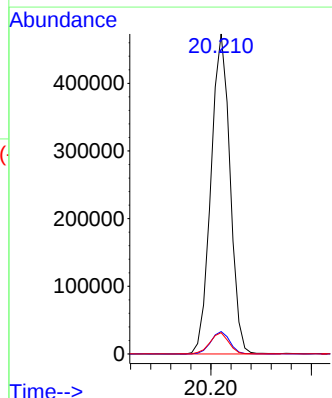
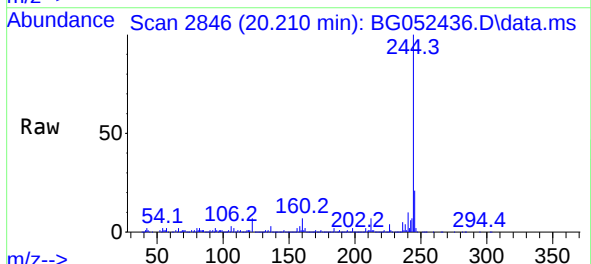
Instrument :
BNA_G
ClientSampleId :
C0AA0

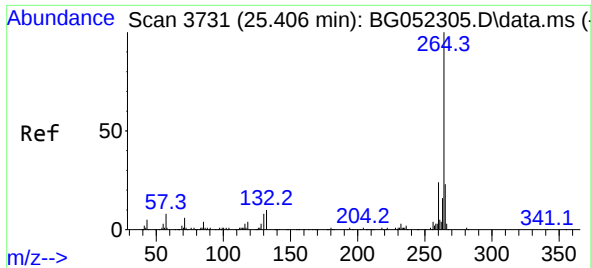
Tgt Ion:240 Resp: 201872
Ion Ratio Lower Upper
240 100
120 6.0 4.4 6.6
236 25.0 20.8 31.2



#79
Terphenyl-d14
Concen: 54.651 ng
RT: 20.210 min Scan# 2846
Delta R.T. -0.003 min
Lab File: BG052436.D
Acq: 21 Feb 2022 14:15

Tgt Ion:244 Resp: 624771
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 6.7 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.397 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG052436.D
Acq: 21 Feb 2022 14:15

Instrument :
BNA_G
ClientSampleId :
C0AA0

Tgt Ion:264 Resp: 224927
Ion Ratio Lower Upper
264 100
260 22.1 18.5 27.7
265 21.9 17.8 26.6

