

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020922\
 Data File : BG052335.D
 Acq On : 9 Feb 2022 15:10
 Operator : CG/JU
 Sample : N1423-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MF-CON

Quant Time: Feb 10 00:06:12 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)

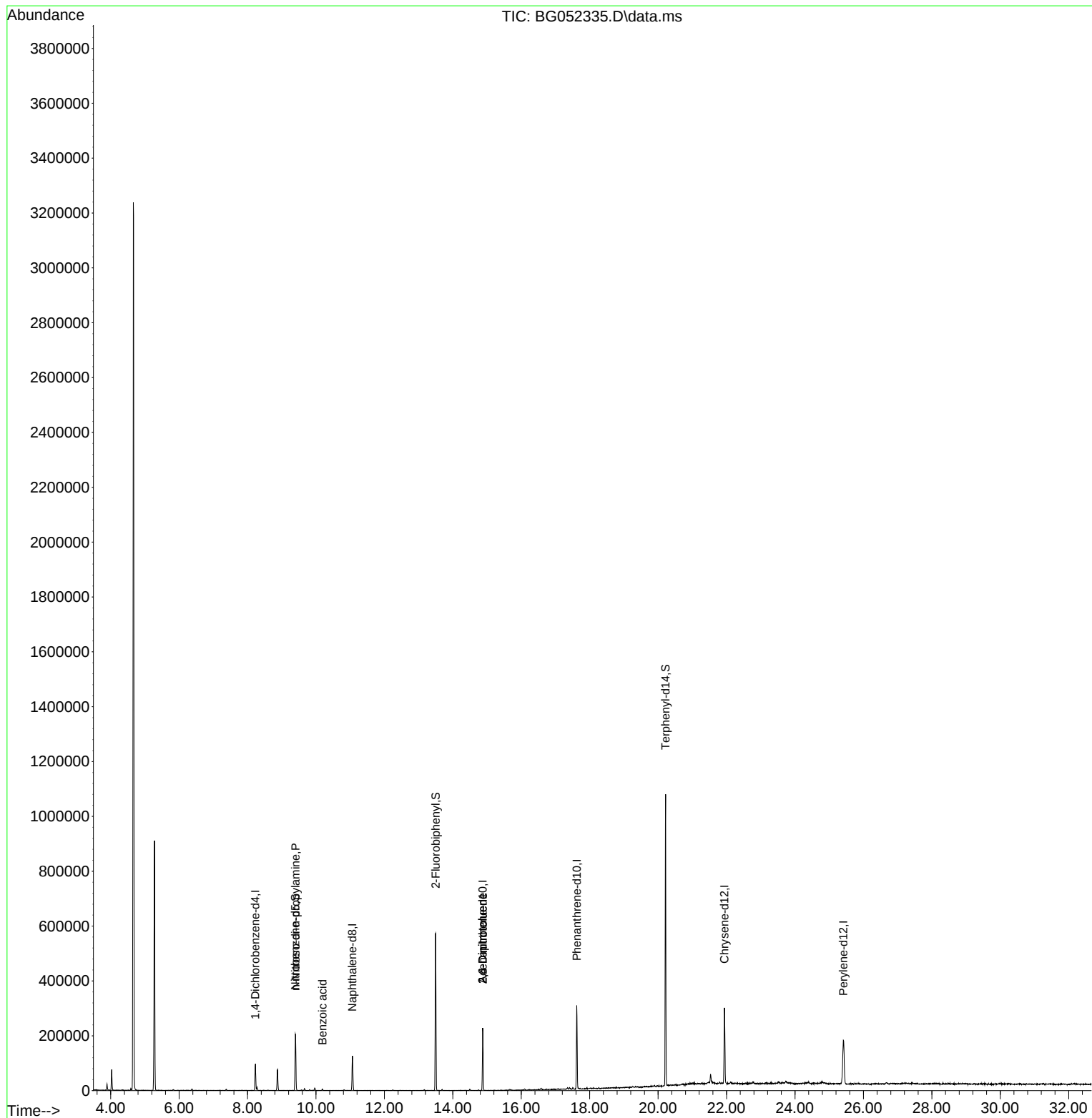
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	27655	20.000	ng	0.00
21) Naphthalene-d8	11.066	136	110862	20.000	ng	0.00
39) Acenaphthene-d10	14.872	164	81371	20.000	ng	0.00
64) Phenanthrene-d10	17.621	188	192306	20.000	ng	0.00
76) Chrysene-d12	21.939	240	185299	20.000	ng	0.00
86) Perylene-d12	25.411	264	190736	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	7.376	99	2747	1.122	ng	0.00
23) Nitrobenzene-d5	9.397	82	132254	51.847	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	13.498	172	315931	53.950	ng	0.00
79) Terphenyl-d14	20.218	244	537010	51.176	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.403	70	18468	10.006	ng	Qvalue # 72
32) Benzoic acid	10.190	122	121	6.085	ng	# 1
51) 2,6-Dinitrotoluene	14.872	165	11369	8.452	ng	# 16
57) 2,4-Dinitrotoluene	14.872	165	11369	5.938	ng	# 15

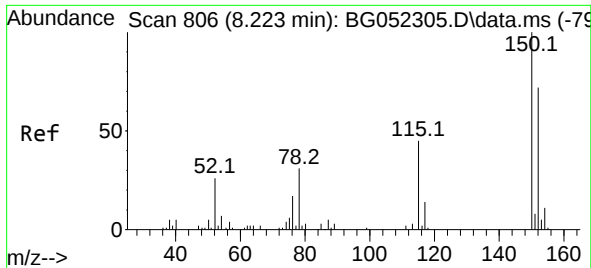
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 08 01:21:20 2022
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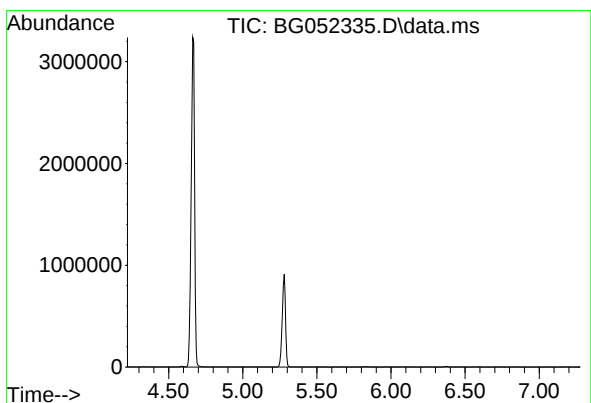
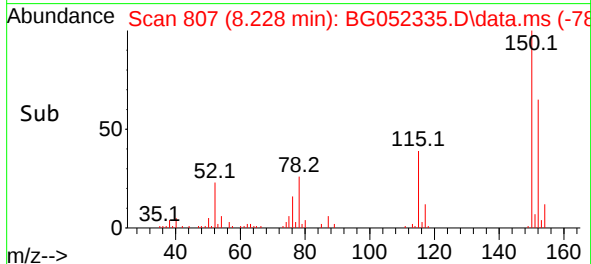
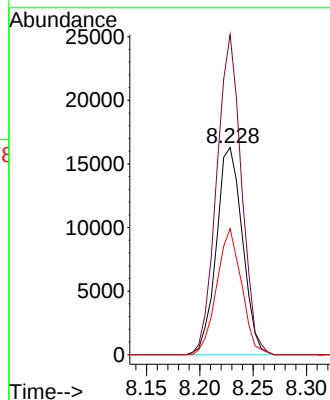
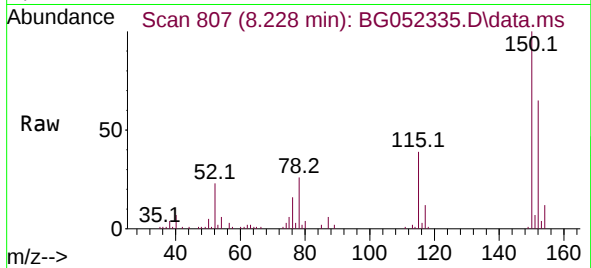




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.228 min Scan# 80
Delta R.T. 0.005 min
Lab File: BG052335.D
Acq: 9 Feb 2022 15:10

Instrument :
BNA_G
ClientSampleId :
MF-CON

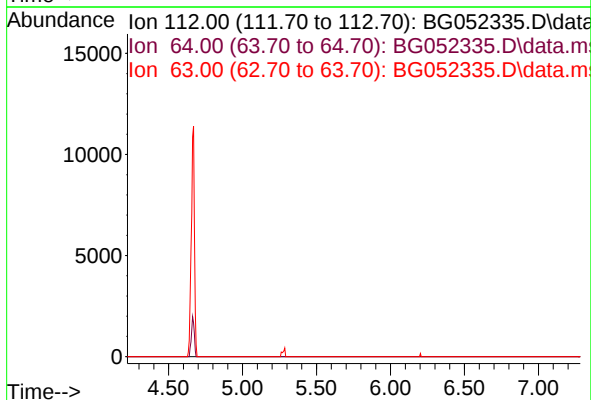
Tgt Ion:152 Resp: 27655
Ion Ratio Lower Upper
152 100
150 154.4 117.8 176.8
115 60.8 50.2 75.2



#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.75 min

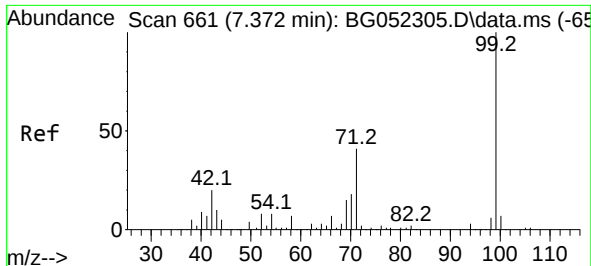
Lab File: BG052335.D
Acq: 9 Feb 2022 15:10

Tgt Ion: 112
Sig Exp Ratio
112 100
64 75.5
63 41.6



Ion 64.00 (63.70 to 64.70): BG052335.D\data.ms

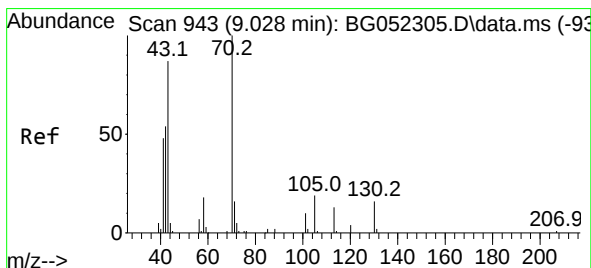
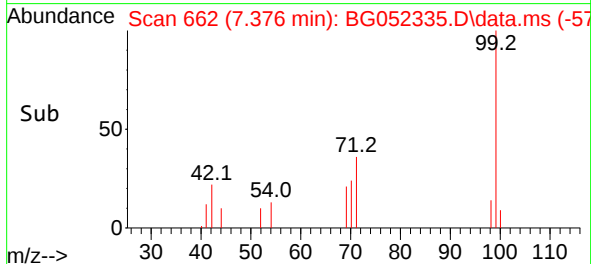
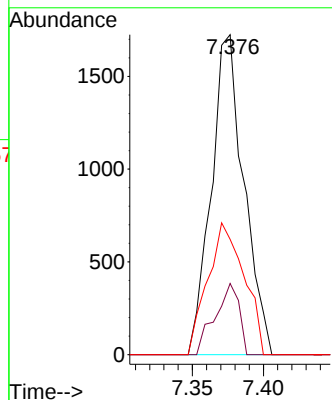
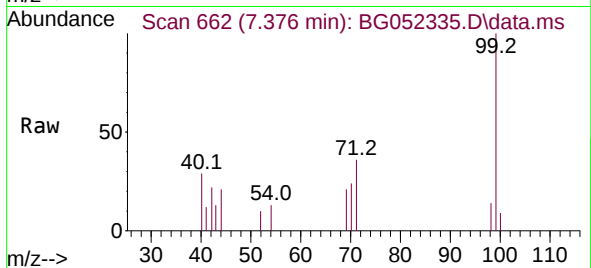
Ion 63.00 (62.70 to 63.70): BG052335.D\data.ms



#7
Phenol-d6
Concen: 1.122 ng
RT: 7.376 min Scan# 60
Delta R.T. 0.005 min
Lab File: BG052335.D
Acq: 9 Feb 2022 15:10

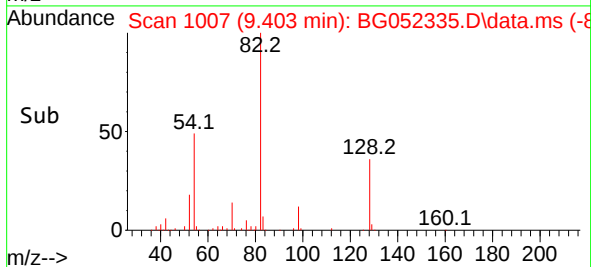
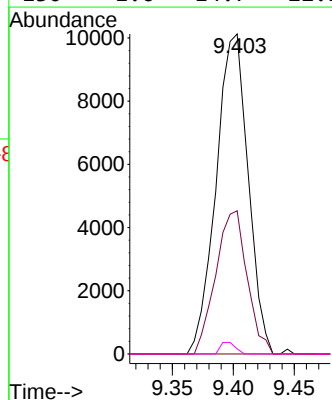
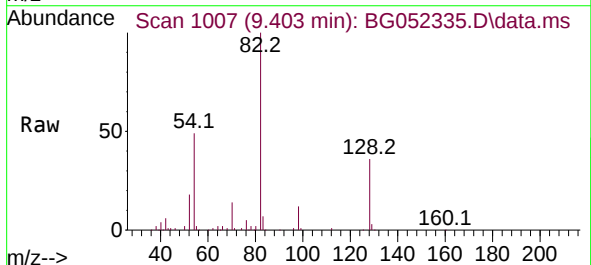
Instrument :
BNA_G
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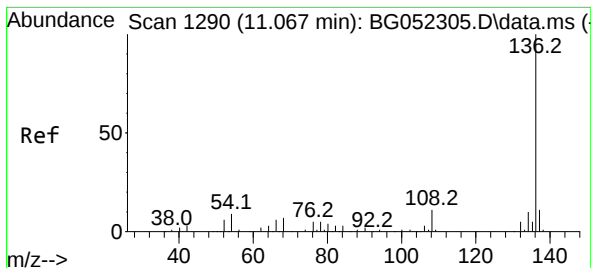
Tgt Ion: 99 Resp: 2747
Ion Ratio Lower Upper
99 100
42 22.3 19.1 28.7
71 36.1 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.006 ng
RT: 9.403 min Scan# 1007
Delta R.T. 0.375 min
Lab File: BG052335.D
Acq: 9 Feb 2022 15:10

Tgt Ion: 70 Resp: 18468
Ion Ratio Lower Upper
70 100
42 44.7 51.8 77.6#
101 0.0 6.6 10.0#
130 1.6 14.7 22.1#

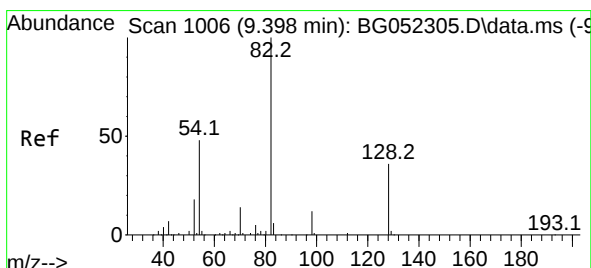
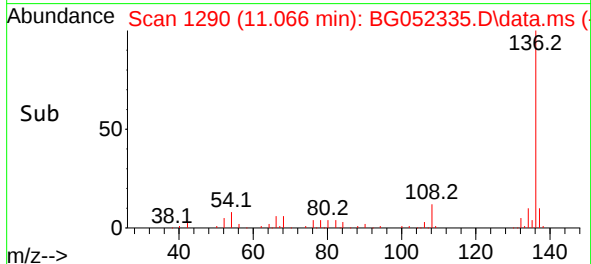
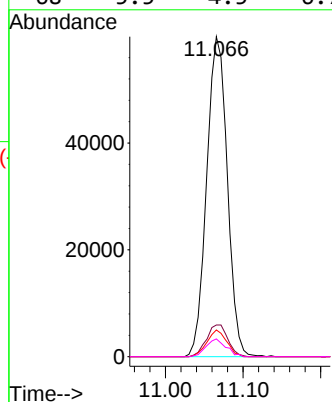
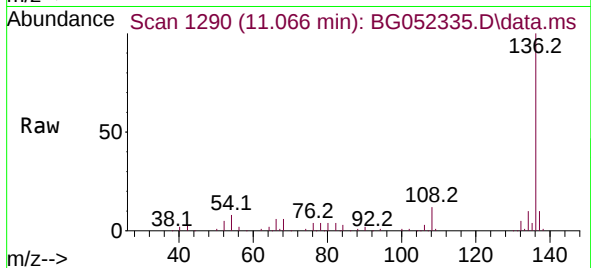




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.066 min Scan# 110862
Delta R.T. -0.001 min
Lab File: BG052335.D
Acq: 9 Feb 2022 15:10

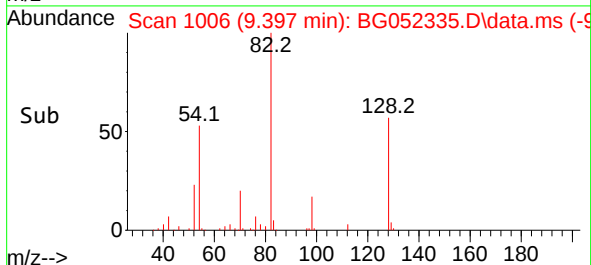
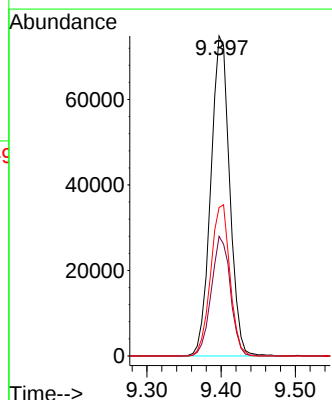
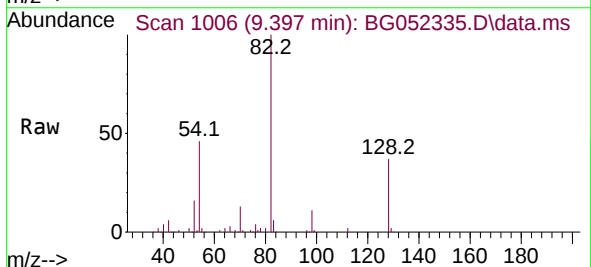
Instrument :
BNA_G
ClientSampleId :
MF-CON

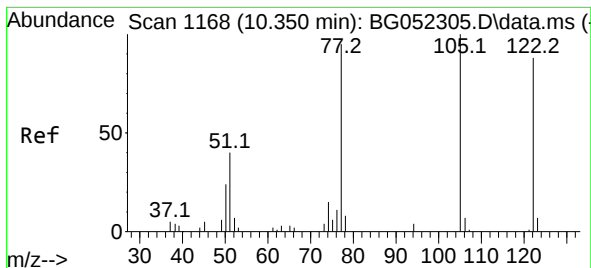
Tgt Ion:	136	Resp:	110862
Ion Ratio	Lower	Upper	
136	100		
137	9.9	9.1	13.7
54	8.3	8.3	12.5
68	5.5	4.5	6.7



#23
Nitrobenzene-d5
Concen: 51.847 ng
RT: 9.397 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BG052335.D
Acq: 9 Feb 2022 15:10

Tgt Ion:	82	Resp:	132254
Ion Ratio	Lower	Upper	
82	100		
128	37.4	27.0	40.4
54	46.4	41.0	61.6





#32

Benzoic acid

Concen: 6.085 ng

RT: 10.190 min Scan# 1168

Delta R.T. -0.160 min

Lab File: BG052335.D

Acq: 9 Feb 2022 15:10

Instrument :

BNA_G

ClientSampleId :

MF-CON

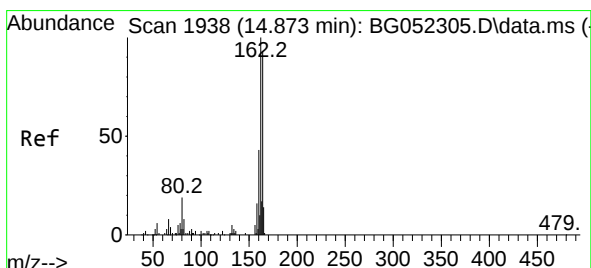
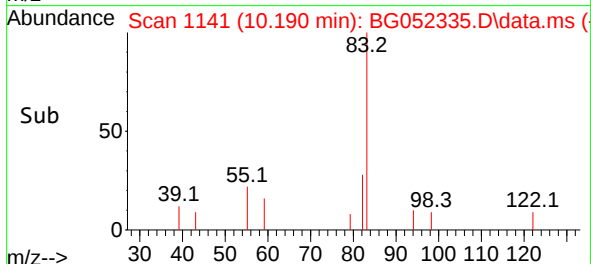
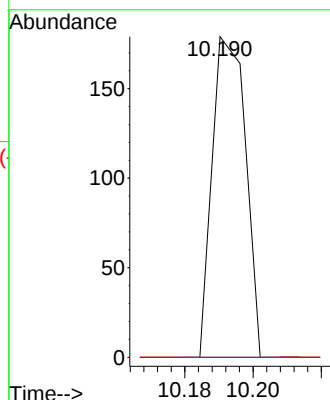
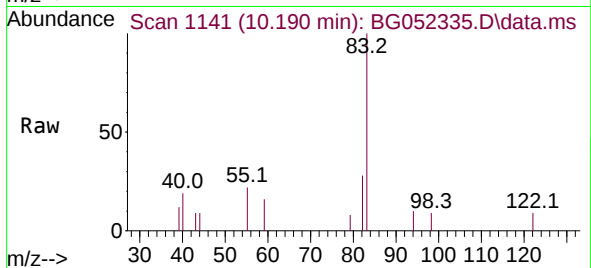
Tgt Ion:122 Resp: 121

Ion Ratio Lower Upper

122 100

105 0.0 109.2 149.2#

77 0.0 92.8 132.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.872 min Scan# 1938

Delta R.T. -0.001 min

Lab File: BG052335.D

Acq: 9 Feb 2022 15:10

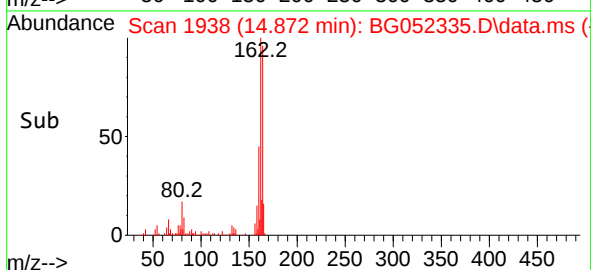
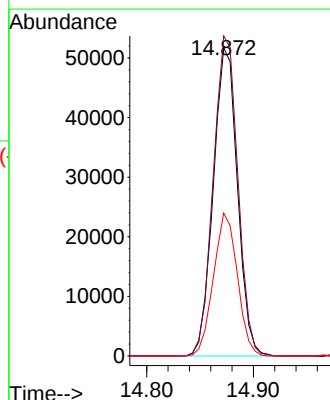
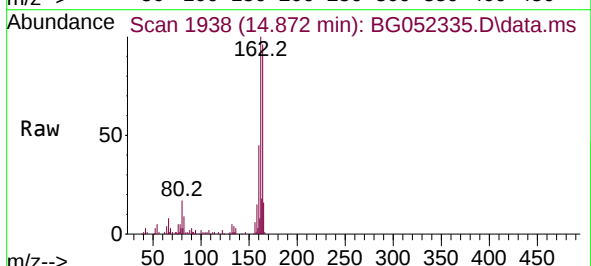
Tgt Ion:164 Resp: 81371

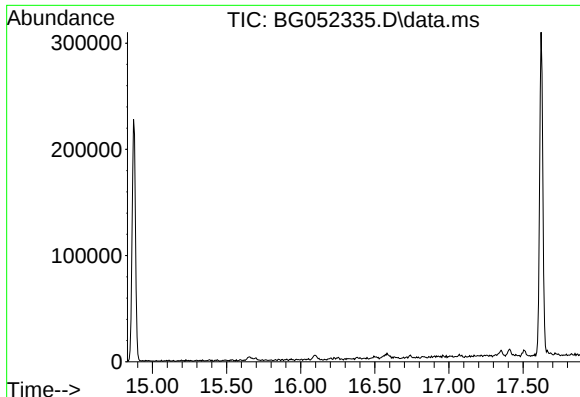
Ion Ratio Lower Upper

164 100

162 103.9 82.2 123.2

160 46.4 36.2 54.2

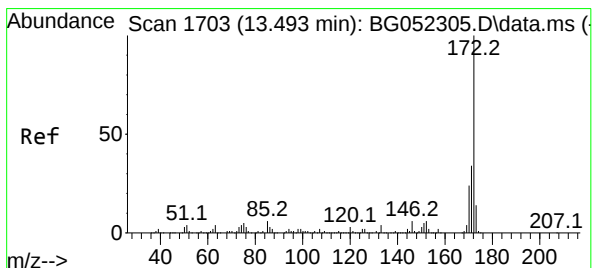
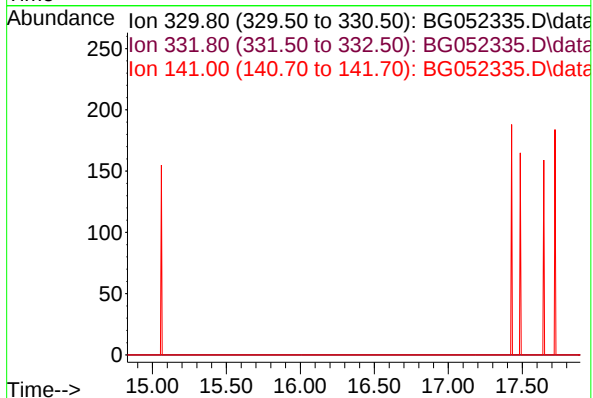




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.36 min
 Lab File: BG052335.D
 Acq: 9 Feb 2022 15:10

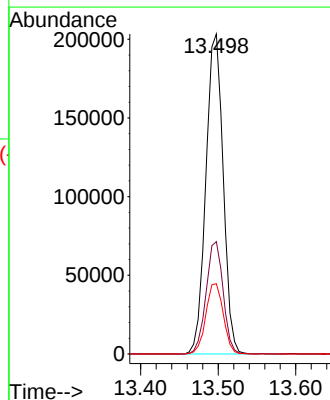
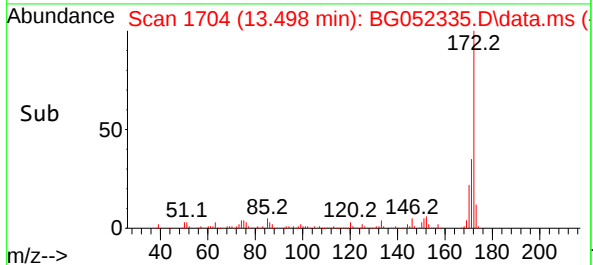
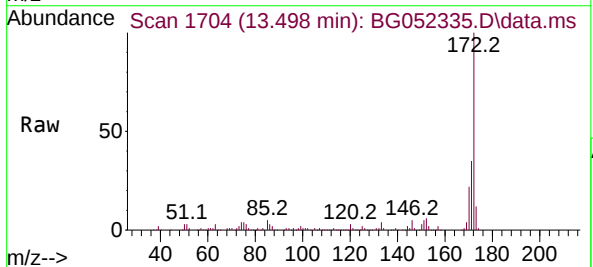
Instrument :
 BNA_G
 ClientSampleId :
 MF-CON

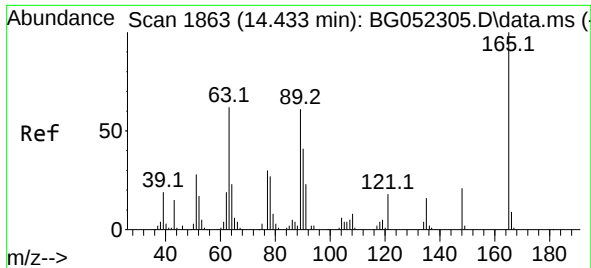
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 98.2
 141 36.0



#45
 2-Fluorobiphenyl
 Concen: 53.950 ng
 RT: 13.498 min Scan# 1704
 Delta R.T. 0.005 min
 Lab File: BG052335.D
 Acq: 9 Feb 2022 15:10

Tgt Ion: 172 Resp: 315931
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.3 42.5
 170 21.9 18.3 27.5

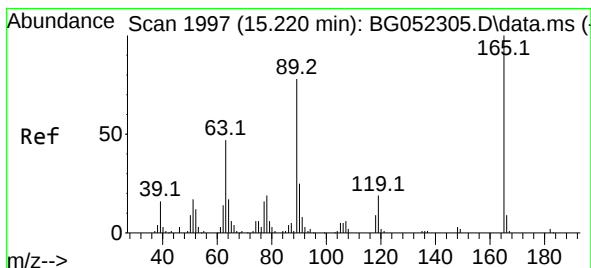
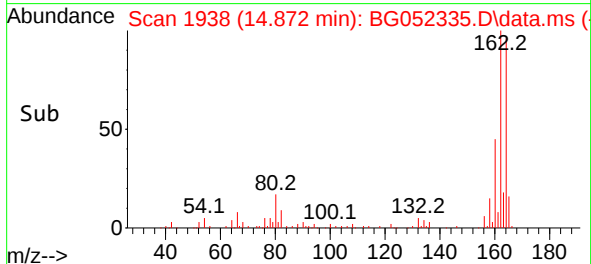
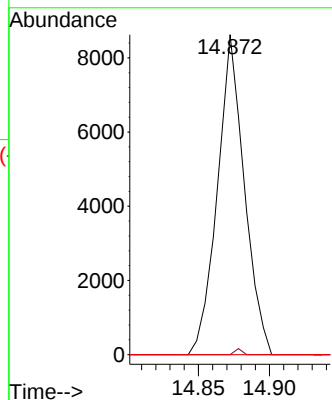
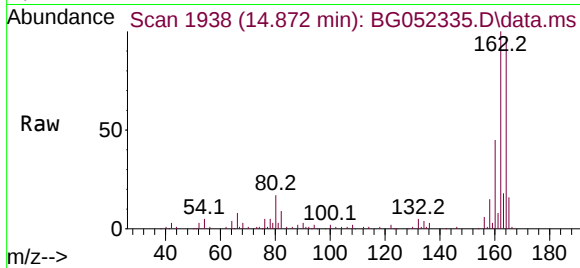




#51
2,6-Dinitrotoluene
Concen: 8.452 ng
RT: 14.872 min Scan# 1938
Delta R.T. 0.440 min
Lab File: BG052335.D
Acq: 9 Feb 2022 15:10

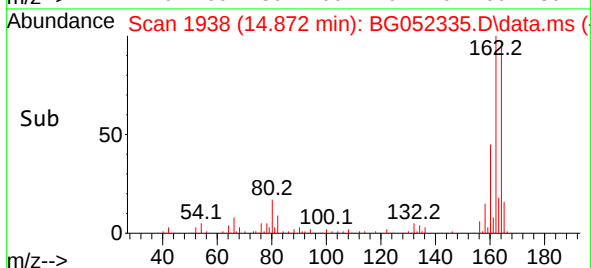
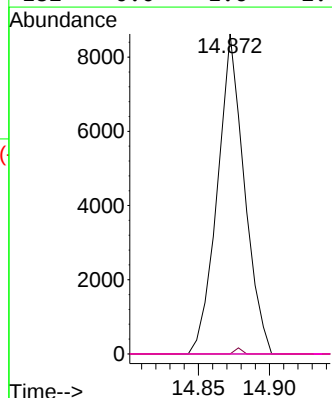
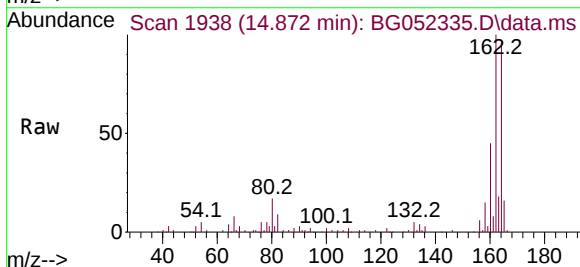
Instrument :
BNA_G
ClientSampleId :
MF-CON

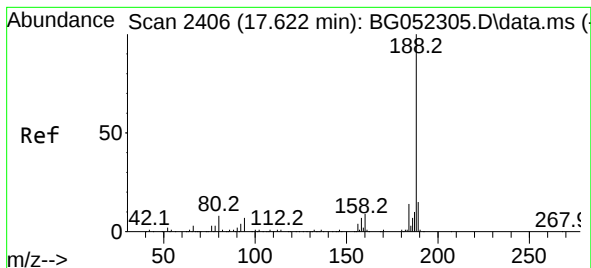
Tgt Ion:165 Resp: 11369
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 0.0 49.4 74.0#



#57
2,4-Dinitrotoluene
Concen: 5.938 ng
RT: 14.872 min Scan# 1938
Delta R.T. -0.348 min
Lab File: BG052335.D
Acq: 9 Feb 2022 15:10

Tgt Ion:165 Resp: 11369
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 67.4 101.0#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.621 min Scan# 2406

Delta R.T. -0.001 min

Lab File: BG052335.D

Acq: 9 Feb 2022 15:10

Instrument :

BNA_G

ClientSampleId :

MF-CON

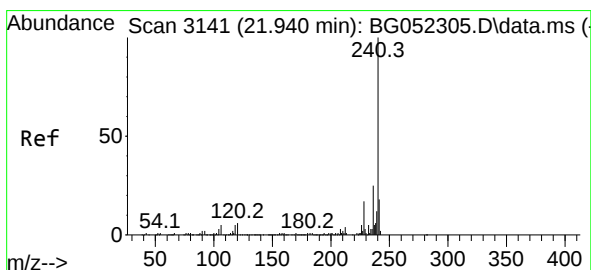
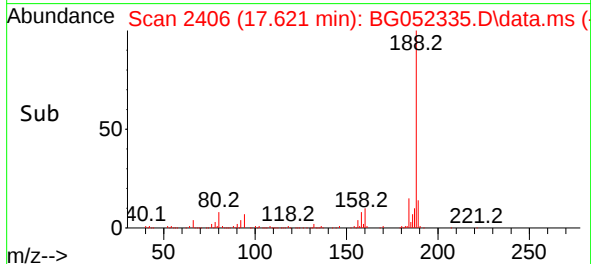
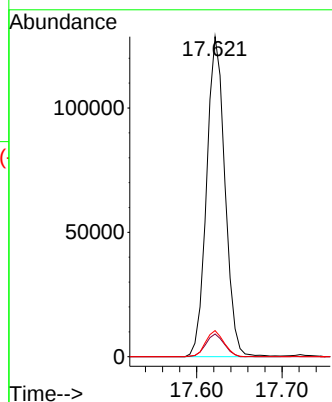
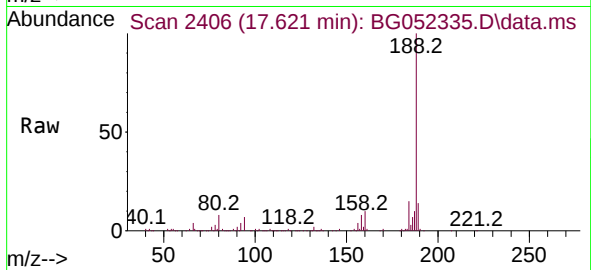
Tgt Ion:188 Resp: 192306

Ion Ratio Lower Upper

188 100

94 7.1 5.9 8.9

80 8.2 6.6 10.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.939 min Scan# 3141

Delta R.T. -0.001 min

Lab File: BG052335.D

Acq: 9 Feb 2022 15:10

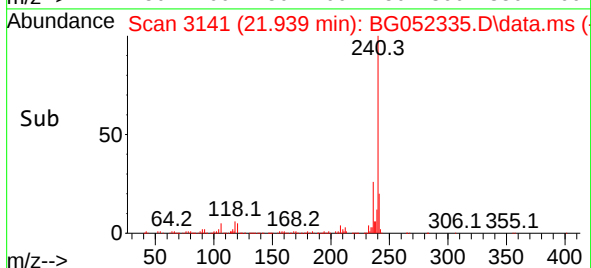
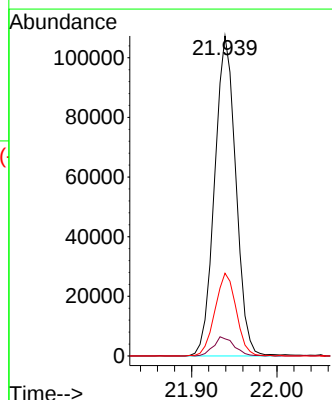
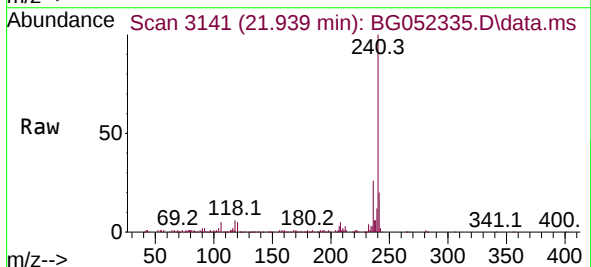
Tgt Ion:240 Resp: 185299

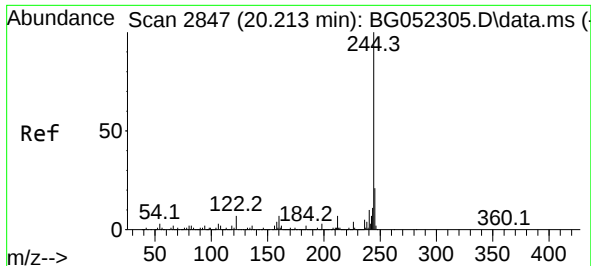
Ion Ratio Lower Upper

240 100

120 5.4 4.4 6.6

236 25.9 20.8 31.2

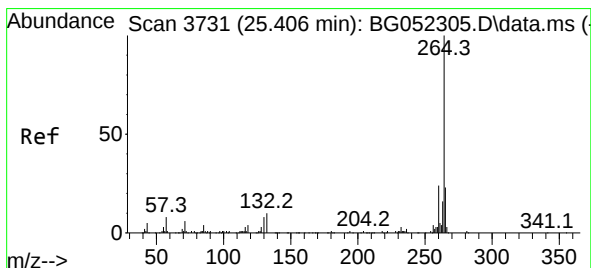
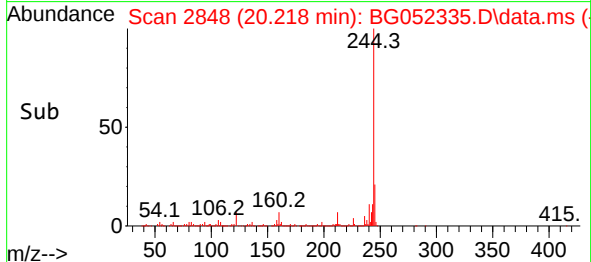
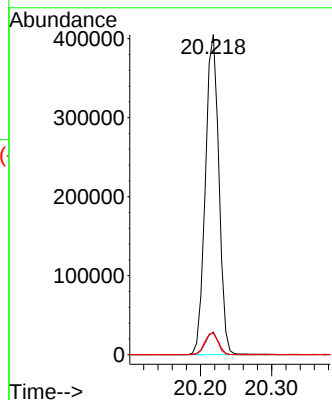
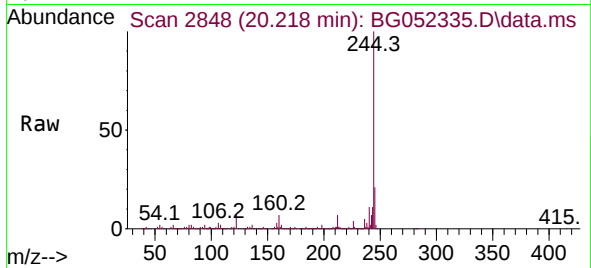




#79
 Terphenyl-d14
 Concen: 51.176 ng
 RT: 20.218 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG052335.D
 Acq: 9 Feb 2022 15:10

Instrument :
 BNA_G
 ClientSampleId :
 MF-CON

Tgt Ion:244 Resp: 537010
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 6.7 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.411 min Scan# 3732
 Delta R.T. 0.005 min
 Lab File: BG052335.D
 Acq: 9 Feb 2022 15:10

Tgt Ion:264 Resp: 190736
 Ion Ratio Lower Upper
 264 100
 260 21.8 18.5 27.7
 265 20.7 17.8 26.6

