

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
 Data File : BG053026.D
 Acq On : 5 Apr 2022 11:13
 Operator : CG/JU
 Sample : PB143839BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143839BL

Quant Time: Apr 05 14:25:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 14:24:42 2022
 Response via : Initial Calibration

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

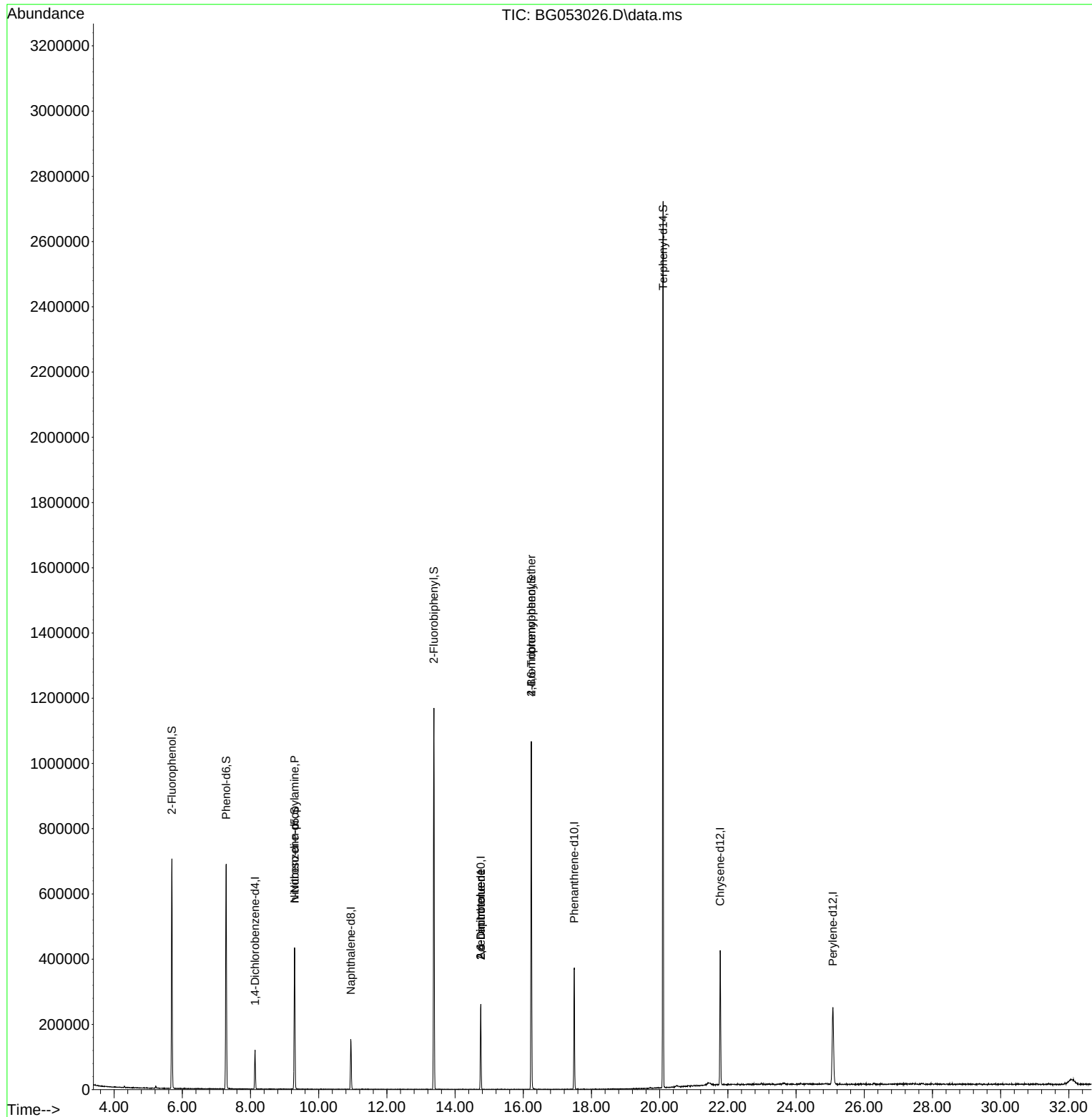
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.133	152	31163	20.000	ng	0.00
21) Naphthalene-d8	10.941	136	126087	20.000	ng	0.00
39) Acenaphthene-d10	14.754	164	93604	20.000	ng	0.00
64) Phenanthrene-d10	17.497	188	238149	20.000	ng	0.00
76) Chrysene-d12	21.774	240	274853	20.000	ng	0.00
86) Perylene-d12	25.075	264	270878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	278161	155.447	ng	0.00
7) Phenol-d6	7.287	99	388260	143.921	ng	0.00
23) Nitrobenzene-d5	9.291	82	276396	110.022	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	204047	162.227	ng	0.00
45) 2-Fluorobiphenyl	13.379	172	618073	97.385	ng	0.00
79) Terphenyl-d14	20.100	244	1371063	88.735	ng	0.00
Target Compounds						
9) Benzaldehyde	7.287	77	797	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propyla...	9.291	70	38115	19.948	ng	# 78
51) 2,6-Dinitrotoluene	14.754	165	12803	10.900	ng	# 24
57) 2,4-Dinitrotoluene	14.754	165	12803	7.856	ng	# 22
67) 4-Bromophenyl-phenylether	16.234	248	13738	4.785	ng	# 1

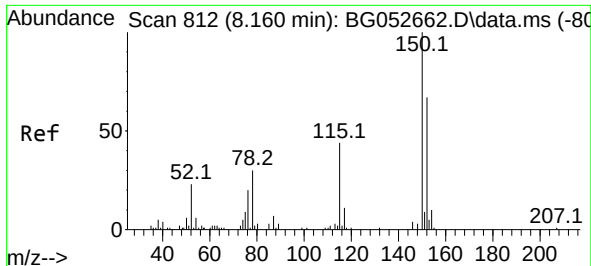
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
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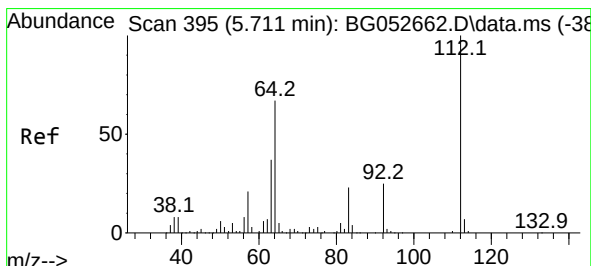
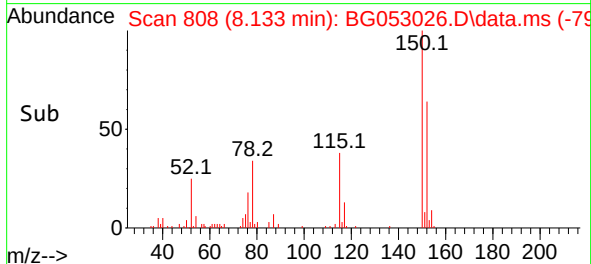
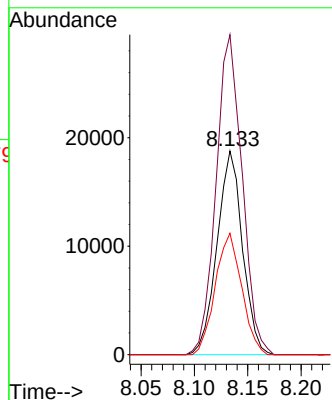
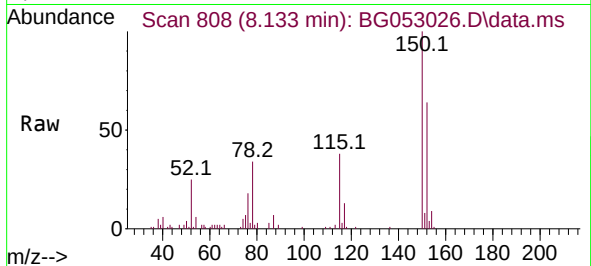




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.133 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG053026.D
Acq: 5 Apr 2022 11:13

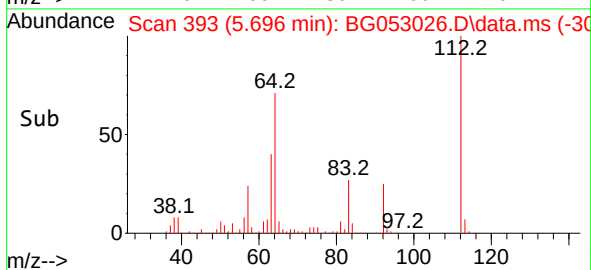
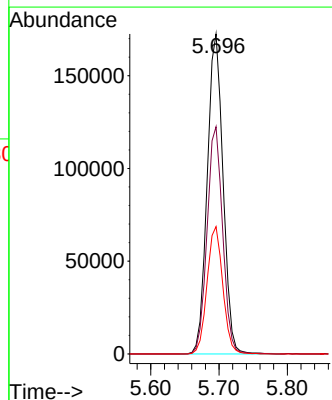
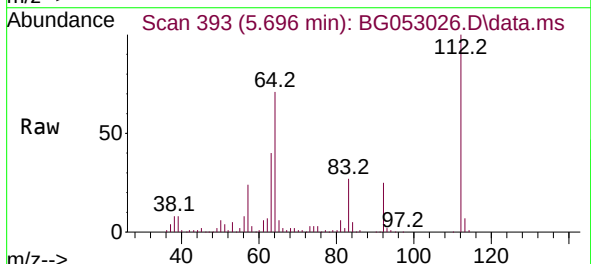
Instrument :
BNA_G
ClientSampleId :
PB143839BL

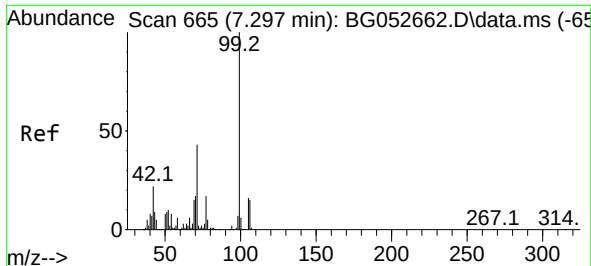
Tgt Ion:152 Resp: 31163
Ion Ratio Lower Upper
152 100
150 157.2 114.6 172.0
115 59.6 45.9 68.9



#5
2-Fluorophenol
Concen: 155.447 ng
RT: 5.696 min Scan# 393
Delta R.T. 0.002 min
Lab File: BG053026.D
Acq: 5 Apr 2022 11:13

Tgt Ion:112 Resp: 278161
Ion Ratio Lower Upper
112 100
64 71.0 48.0 72.0
63 39.8 26.5 39.7#

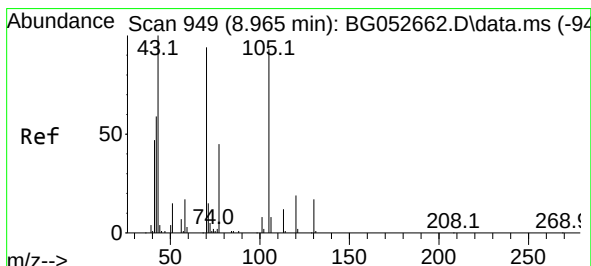
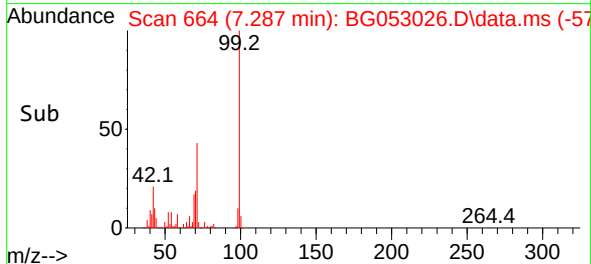
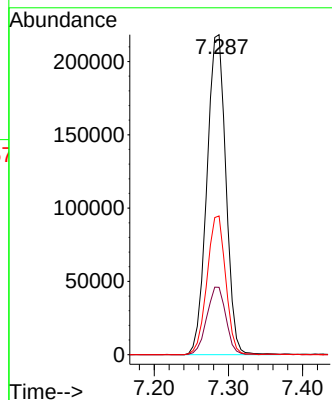
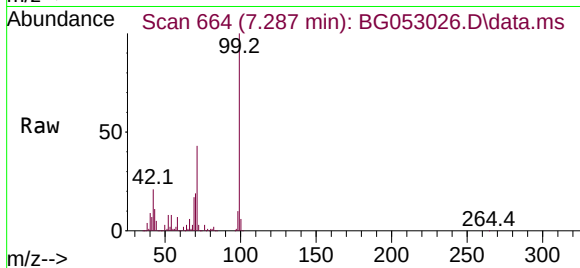




#7
Phenol-d6
Concen: 143.921 ng
RT: 7.287 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG053026.D
Acq: 5 Apr 2022 11:13

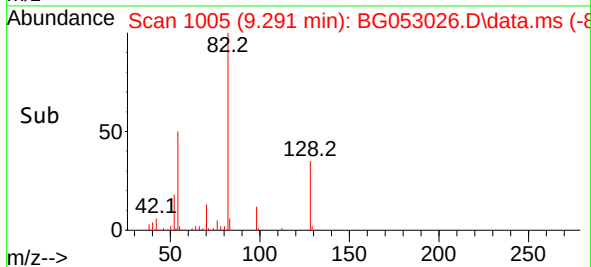
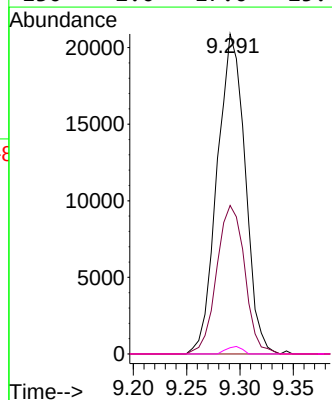
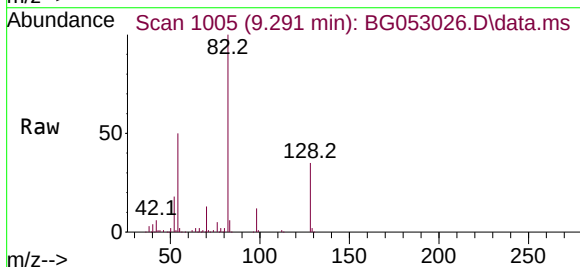
Instrument :
BNA_G
ClientSampleId :
PB143839BL

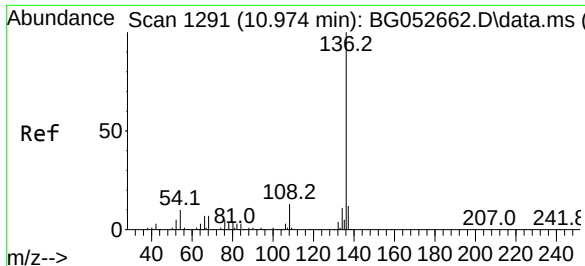
Tgt Ion: 99 Resp: 388260
Ion Ratio Lower Upper
99 100
42 21.1 14.7 22.1
71 43.4 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.948 ng
RT: 9.291 min Scan# 1005
Delta R.T. 0.355 min
Lab File: BG053026.D
Acq: 5 Apr 2022 11:13

Tgt Ion: 70 Resp: 38115
Ion Ratio Lower Upper
70 100
42 46.4 46.0 69.0
101 0.0 6.2 9.4#
130 2.0 17.0 25.4#

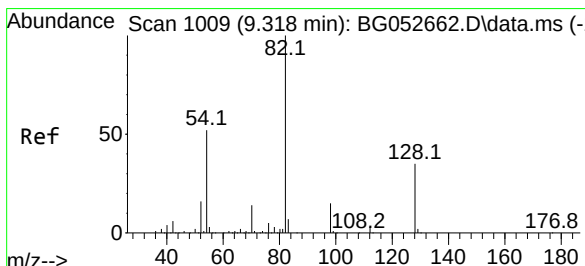
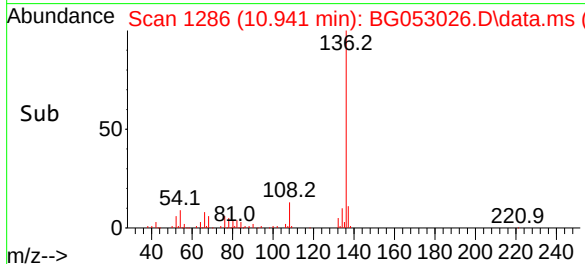
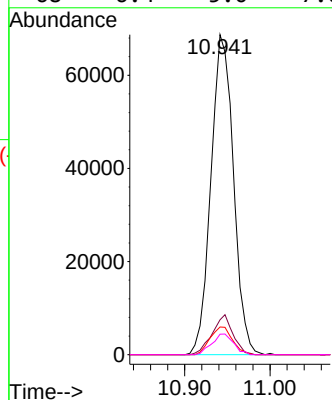
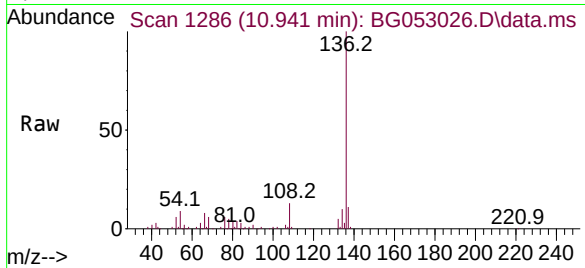




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.941 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053026.D
Acq: 5 Apr 2022 11:13

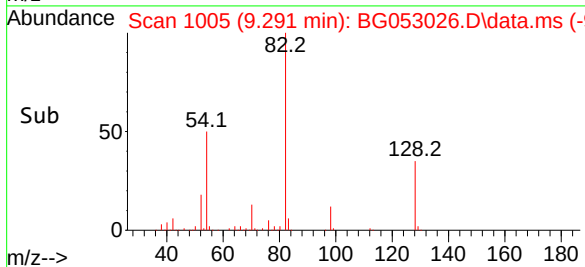
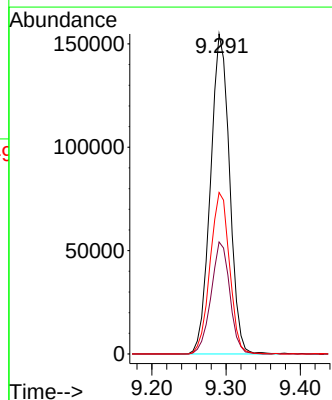
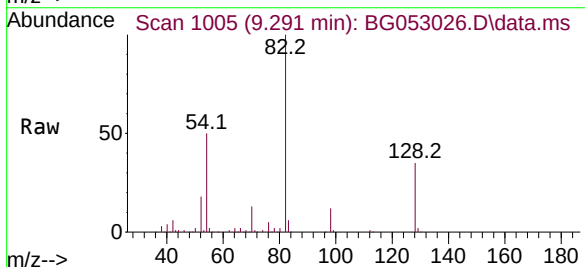
Instrument :
BNA_G
ClientSampleId :
PB143839BL

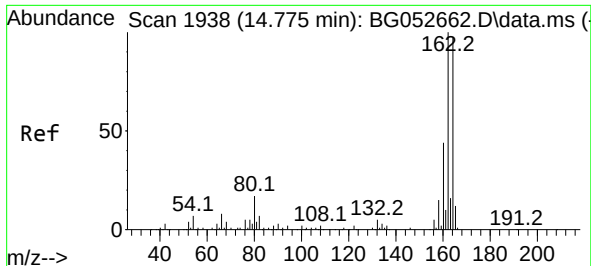
Tgt Ion:136 Resp: 126087
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.2
54 8.7 6.4 9.6
68 6.4 5.0 7.6



#23
Nitrobenzene-d5
Concen: 110.022 ng
RT: 9.291 min Scan# 1005
Delta R.T. -0.003 min
Lab File: BG053026.D
Acq: 5 Apr 2022 11:13

Tgt Ion: 82 Resp: 276396
Ion Ratio Lower Upper
82 100
128 35.0 31.3 46.9
54 50.4 37.8 56.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.754 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG053026.D

Acq: 5 Apr 2022 11:13

Instrument :

BNA_G

ClientSampleId :

PB143839BL

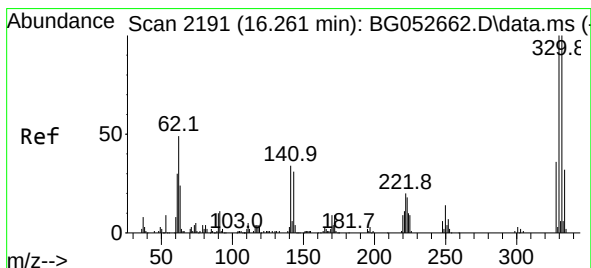
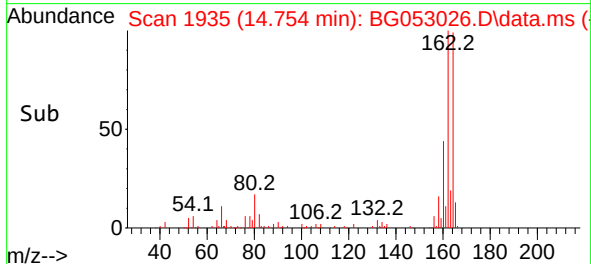
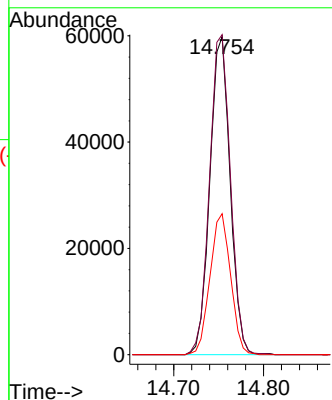
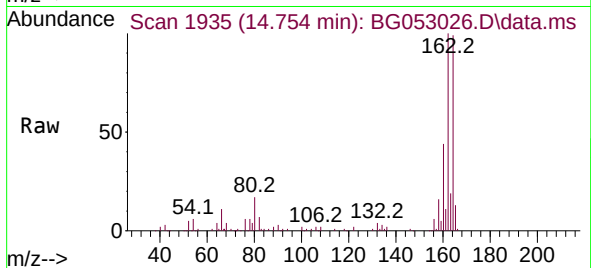
Tgt Ion:164 Resp: 93604

Ion Ratio Lower Upper

164 100

162 100.7 80.0 120.0

160 44.4 38.8 58.2



#42

2,4,6-Tribromophenol

Concen: 162.227 ng

RT: 16.234 min Scan# 2187

Delta R.T. -0.003 min

Lab File: BG053026.D

Acq: 5 Apr 2022 11:13

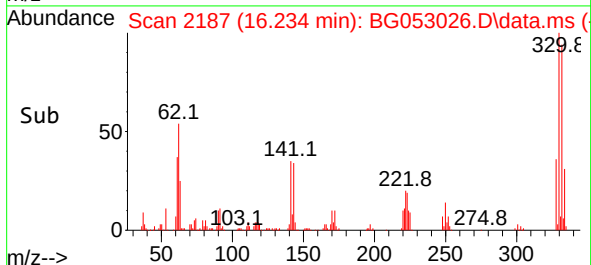
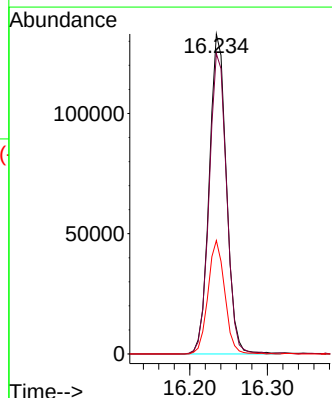
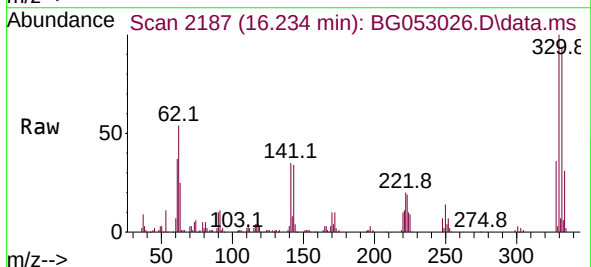
Tgt Ion:330 Resp: 204047

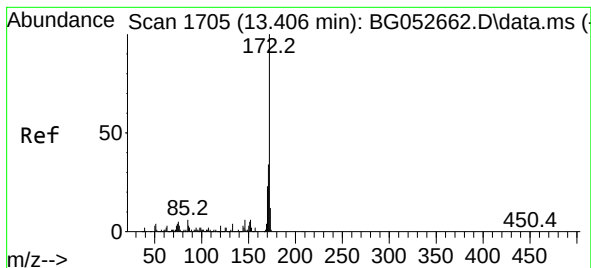
Ion Ratio Lower Upper

330 100

332 95.6 75.8 113.6

141 34.6 24.6 36.8

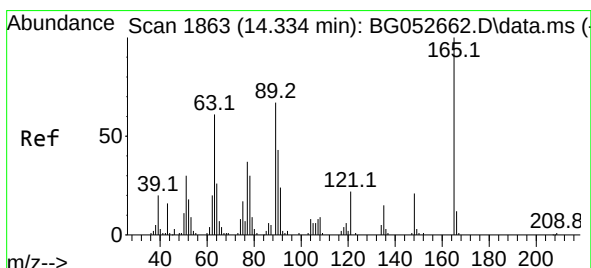
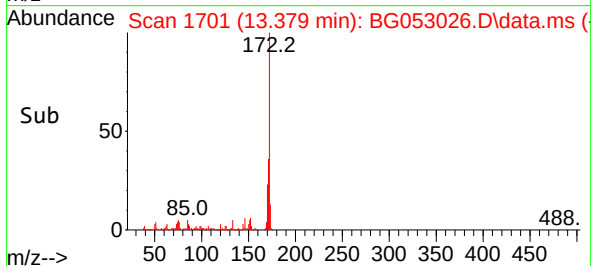
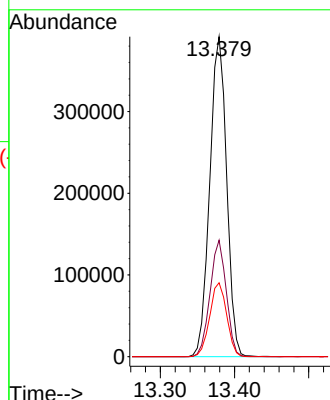
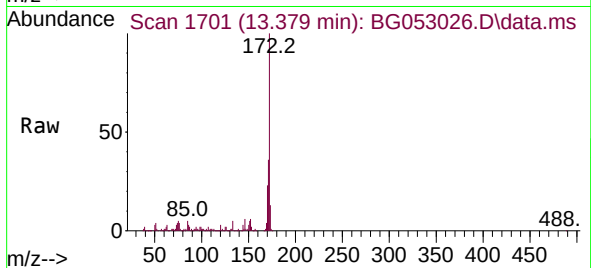




#45
2-Fluorobiphenyl
Concen: 97.385 ng
RT: 13.379 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG053026.D
Acq: 5 Apr 2022 11:13

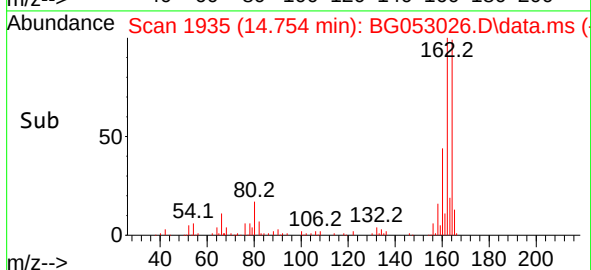
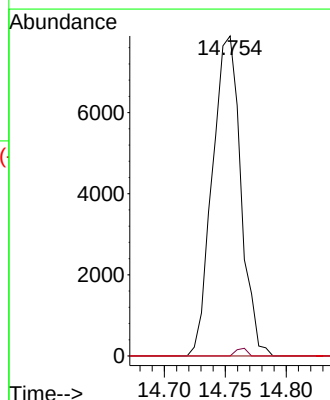
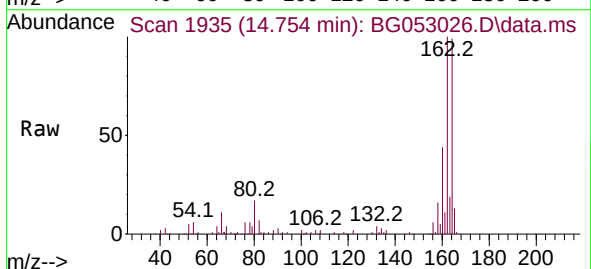
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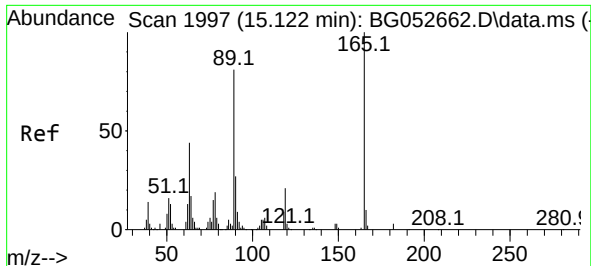
Tgt Ion:172 Resp: 618073
Ion Ratio Lower Upper
172 100
171 36.4 28.3 42.5
170 23.1 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 10.900 ng
RT: 14.754 min Scan# 1935
Delta R.T. 0.437 min
Lab File: BG053026.D
Acq: 5 Apr 2022 11:13

Tgt Ion:165 Resp: 12803
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#

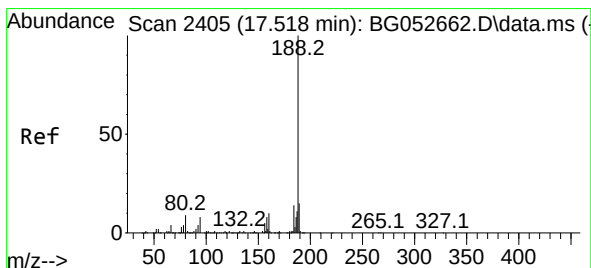
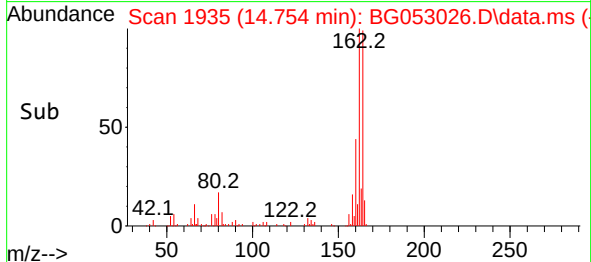
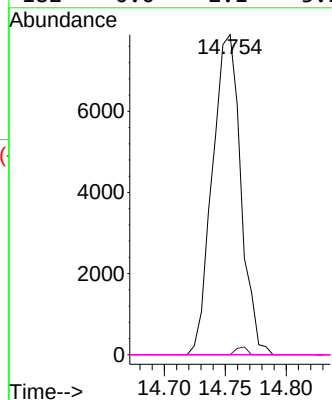
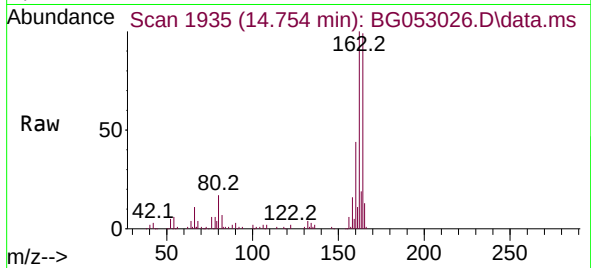




#57
2,4-Dinitrotoluene
Concen: 7.856 ng
RT: 14.754 min Scan# 1997
Delta R.T. -0.350 min
Lab File: BG053026.D
Acq: 5 Apr 2022 11:13

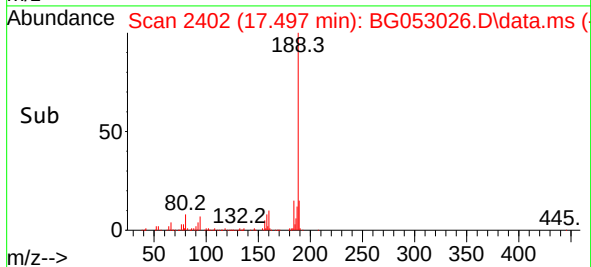
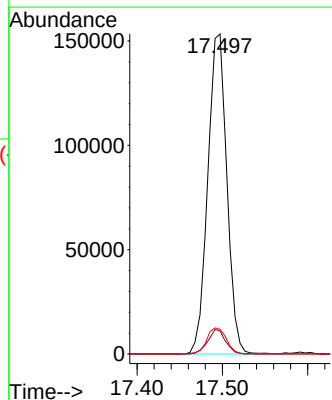
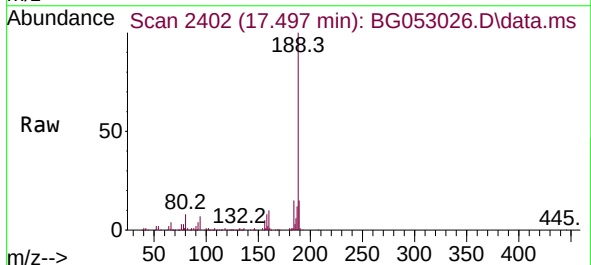
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BNA_G
ClientSampleId :
PB143839BL

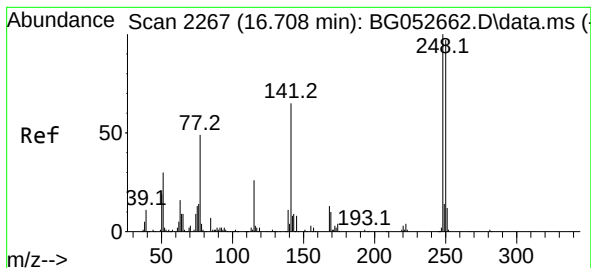
Tgt Ion:165 Resp: 12803
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.497 min Scan# 2402
Delta R.T. 0.002 min
Lab File: BG053026.D
Acq: 5 Apr 2022 11:13

Tgt Ion:188 Resp: 238149
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 7.7 7.2 10.8

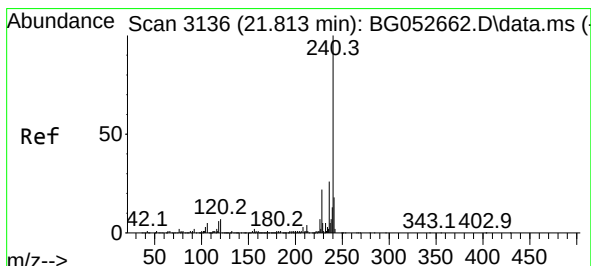
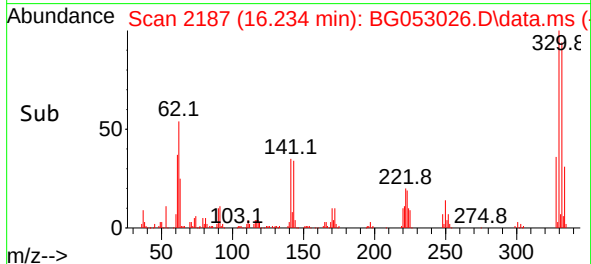
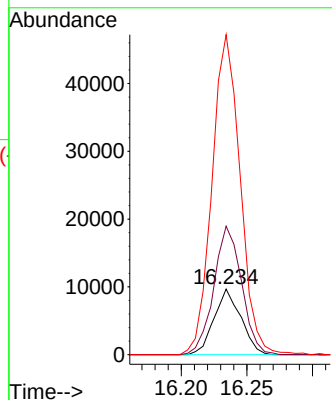
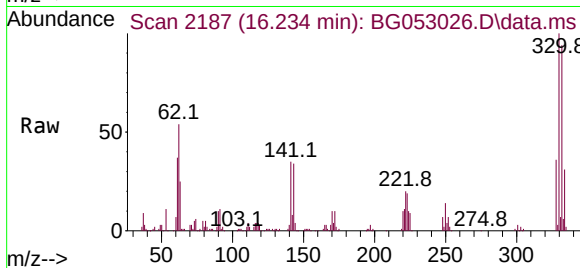




#67
4-Bromophenyl-phenylether
Concen: 4.785 ng
RT: 16.234 min Scan# 2187
Delta R.T. -0.444 min
Lab File: BG053026.D
Acq: 5 Apr 2022 11:13

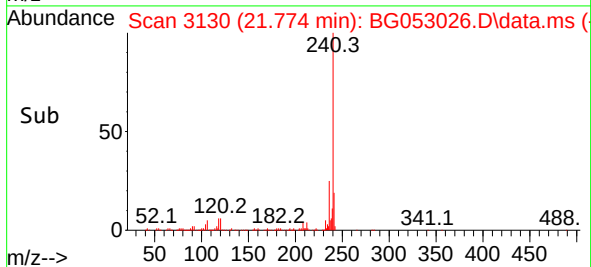
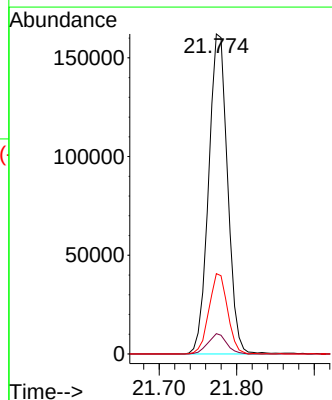
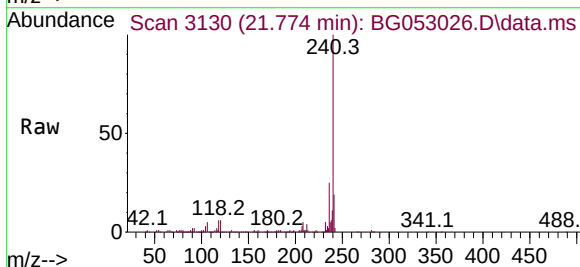
Instrument :
BNA_G
ClientSampleId :
PB143839BL

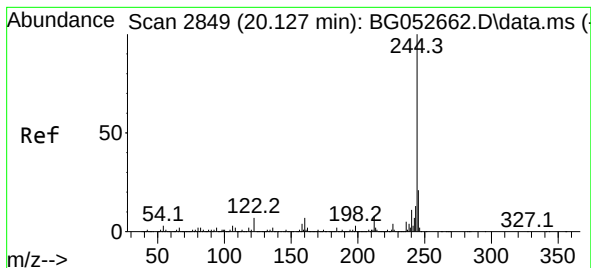
Tgt Ion:248 Resp: 13738
Ion Ratio Lower Upper
248 100
250 195.8 77.9 116.9#
141 487.6 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.774 min Scan# 3130
Delta R.T. -0.009 min
Lab File: BG053026.D
Acq: 5 Apr 2022 11:13

Tgt Ion:240 Resp: 274853
Ion Ratio Lower Upper
240 100
120 6.3 5.4 8.0
236 25.1 19.8 29.6





#79

Terphenyl-d14

Concen: 88.735 ng

RT: 20.100 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG053026.D

Acq: 5 Apr 2022 11:13

Instrument :

BNA_G

ClientSampleId :

PB143839BL

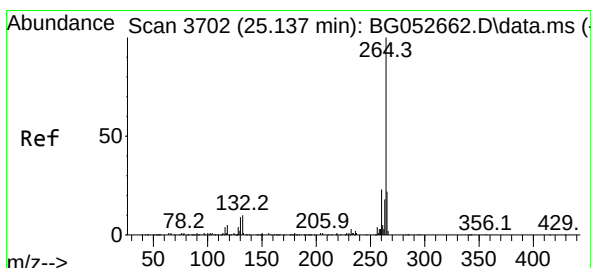
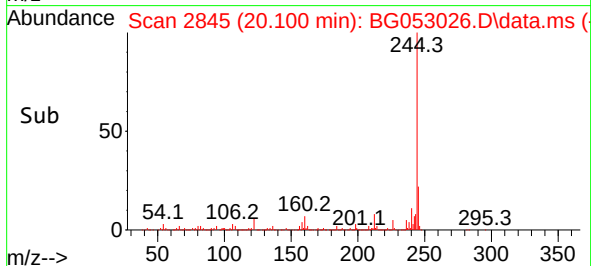
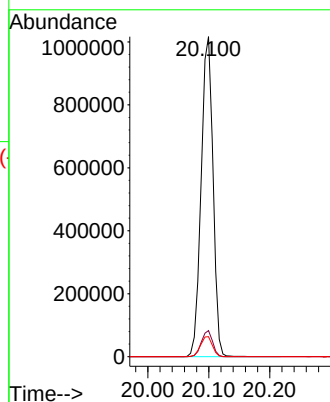
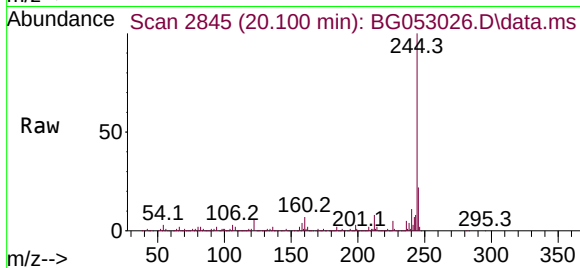
Tgt Ion:244 Resp: 1371063

Ion Ratio Lower Upper

244 100

212 8.2 5.4 8.2

122 6.3 5.8 8.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.075 min Scan# 3692

Delta R.T. -0.009 min

Lab File: BG053026.D

Acq: 5 Apr 2022 11:13

Tgt Ion:264 Resp: 270878

Ion Ratio Lower Upper

264 100

260 25.2 18.2 27.2

265 20.5 15.1 22.7

