

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050422\
 Data File : BG053426.D
 Acq On : 4 May 2022 11:34
 Operator : CG/JU
 Sample : PB144537BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144537BL

Quant Time: May 04 18:08:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 18:06:54 2022
 Response via : Initial Calibration

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

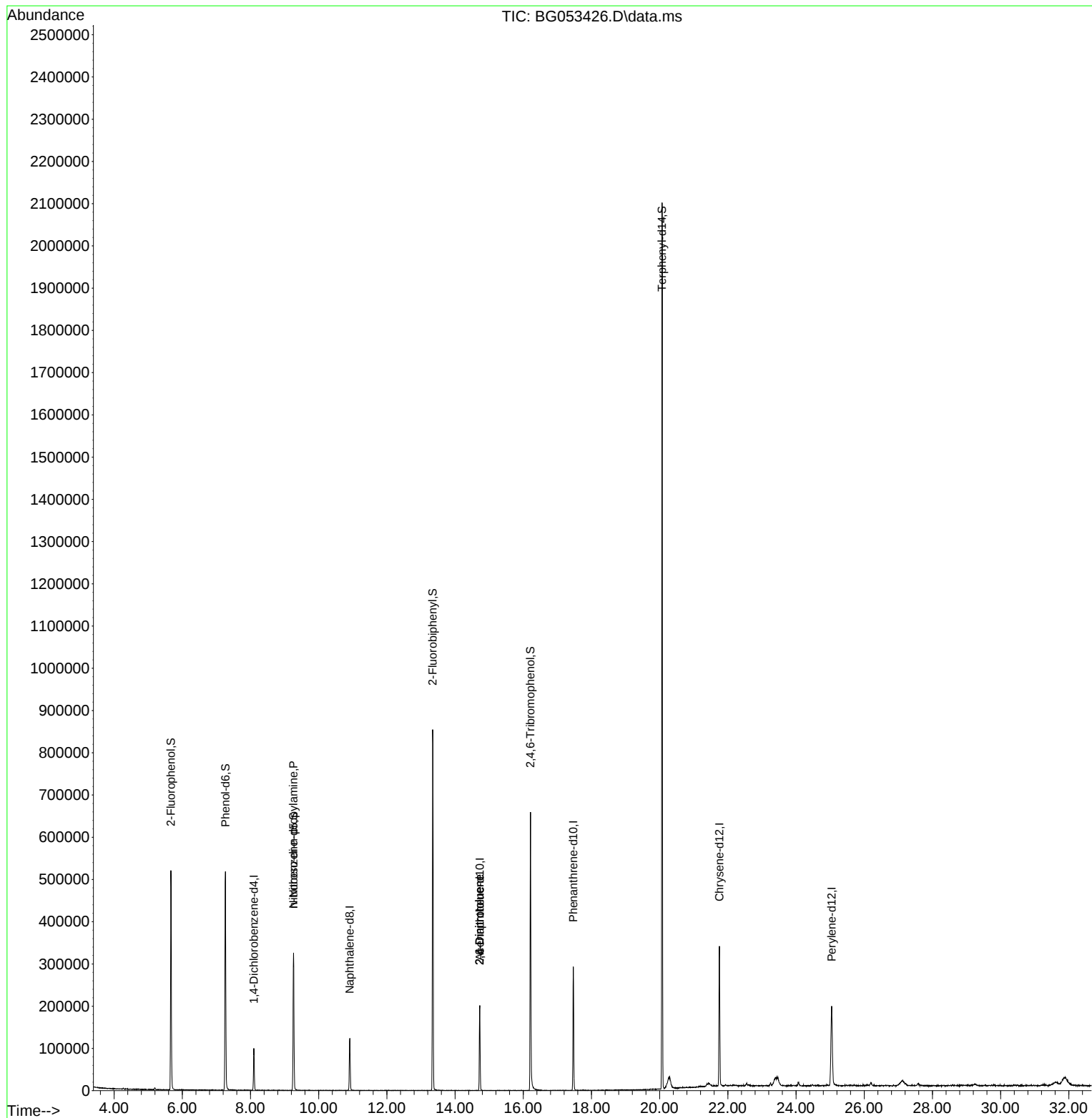
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	27347	20.000	ng	0.00
21) Naphthalene-d8	10.913	136	105354	20.000	ng	0.00
39) Acenaphthene-d10	14.725	164	77574	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	196135	20.000	ng	0.00
76) Chrysene-d12	21.751	240	228033	20.000	ng	0.00
86) Perylene-d12	25.047	264	221016	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	214238	134.290	ng	0.00
7) Phenol-d6	7.265	99	298333	121.265	ng	0.00
23) Nitrobenzene-d5	9.262	82	214093	82.511	ng	0.00
42) 2,4,6-Tribromophenol	16.211	330	142892	115.780	ng	0.00
45) 2-Fluorobiphenyl	13.345	172	466178	82.865	ng	0.00
79) Terphenyl-d14	20.071	244	1056713	78.264	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.262	70	29549	16.406	ng	# 82
51) 2,6-Dinitrotoluene	14.719	165	9251	7.147	ng	# 26
57) 2,4-Dinitrotoluene	14.719	165	9251	5.020	ng	# 25

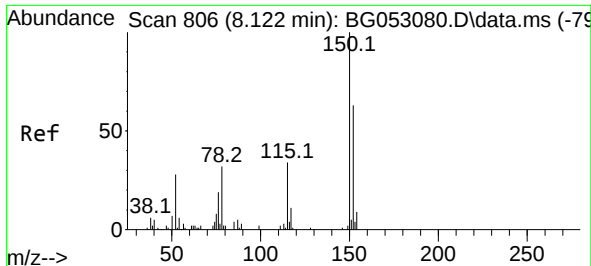
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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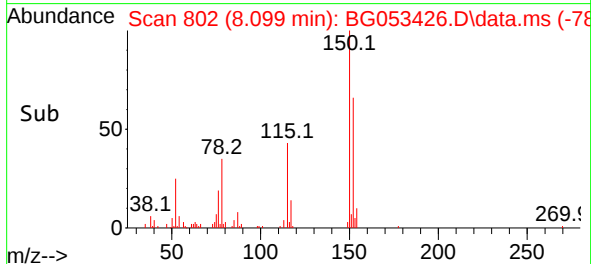
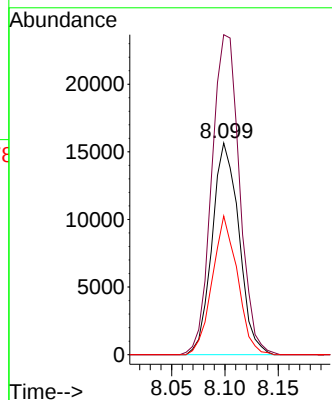
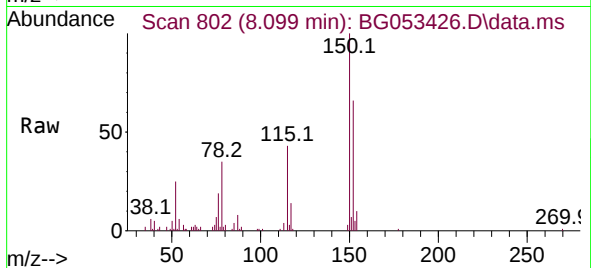




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG053426.D
Acq: 4 May 2022 11:34

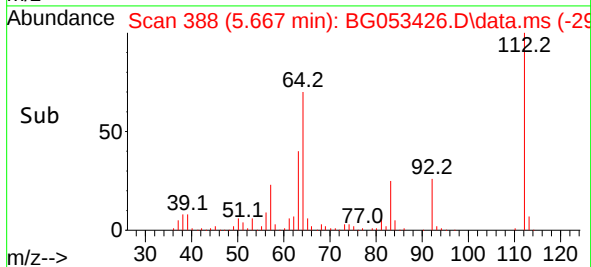
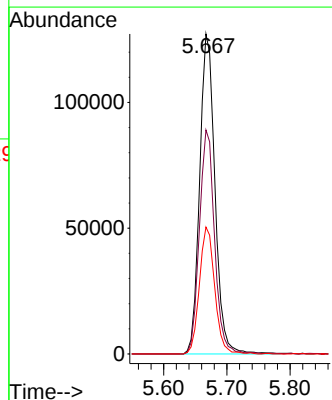
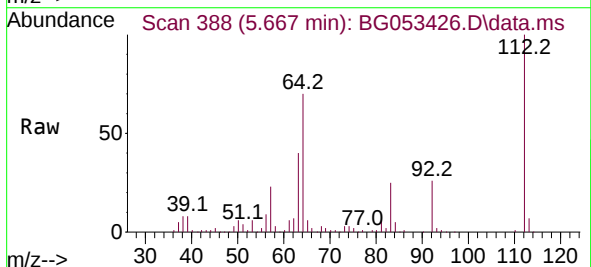
Instrument :
BNA_G
ClientSampleId :
PB144537BL

Tgt Ion:152 Resp: 27347
Ion Ratio Lower Upper
152 100
150 151.2 114.6 172.0
115 65.6 45.9 68.9



#5
2-Fluorophenol
Concen: 134.290 ng
RT: 5.667 min Scan# 388
Delta R.T. -0.004 min
Lab File: BG053426.D
Acq: 4 May 2022 11:34

Tgt Ion:112 Resp: 214238
Ion Ratio Lower Upper
112 100
64 70.0 48.0 72.0
63 39.7 26.5 39.7

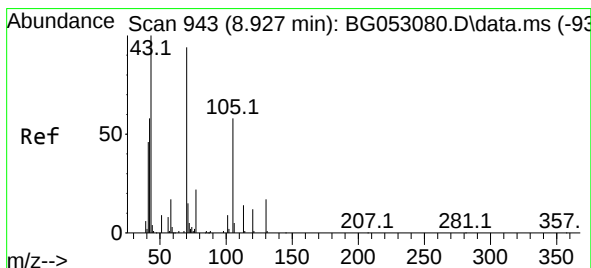
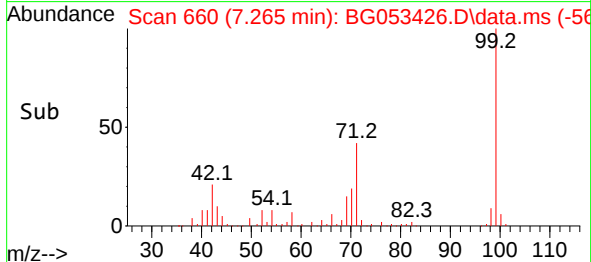
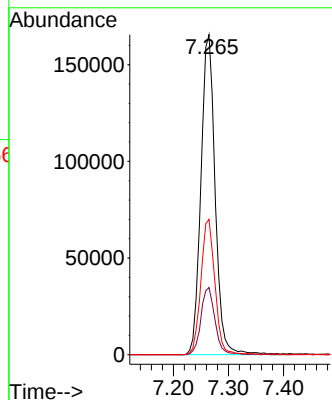
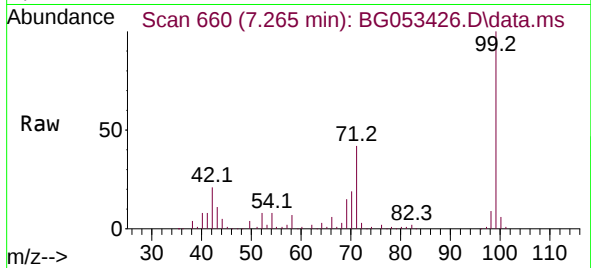




#7
Phenol-d6
Concen: 121.265 ng
RT: 7.265 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG053426.D
Acq: 4 May 2022 11:34

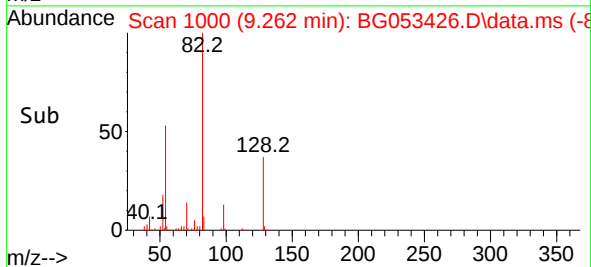
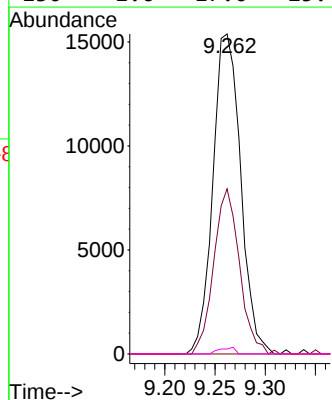
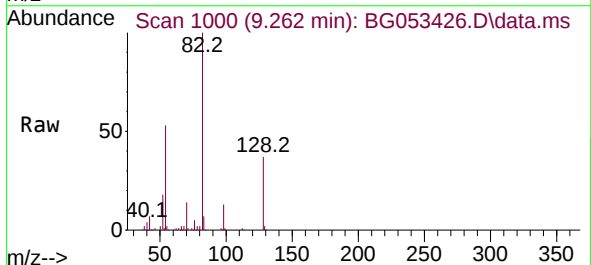
Instrument :
BNA_G
ClientSampleId :
PB144537BL

Tgt Ion: 99 Resp: 298333
Ion Ratio Lower Upper
99 100
42 21.0 14.7 22.1
71 42.3 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.406 ng
RT: 9.262 min Scan# 1000
Delta R.T. 0.361 min
Lab File: BG053426.D
Acq: 4 May 2022 11:34

Tgt Ion: 70 Resp: 29549
Ion Ratio Lower Upper
70 100
42 51.6 46.0 69.0
101 0.0 6.2 9.4#
130 1.6 17.0 25.4#

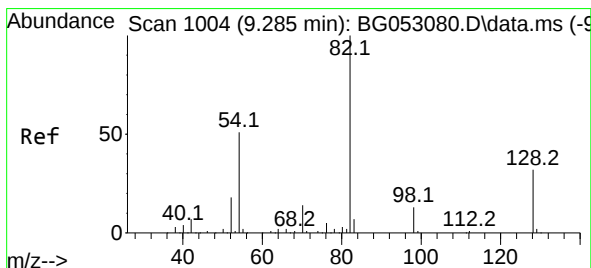
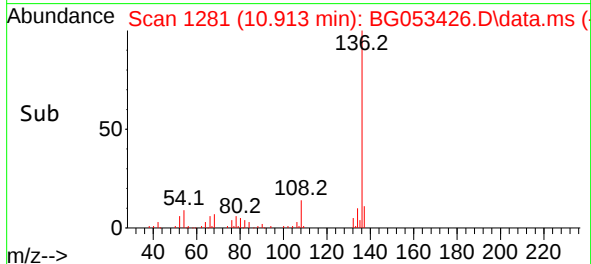
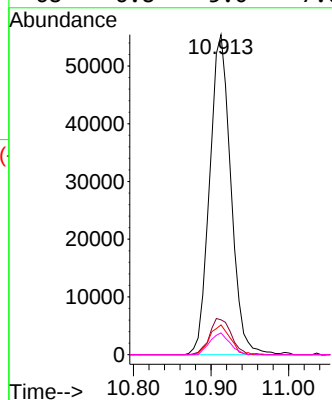
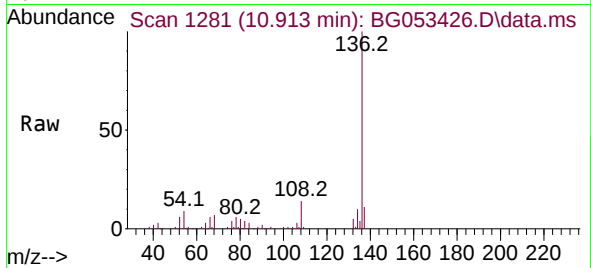




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG053426.D
Acq: 4 May 2022 11:34

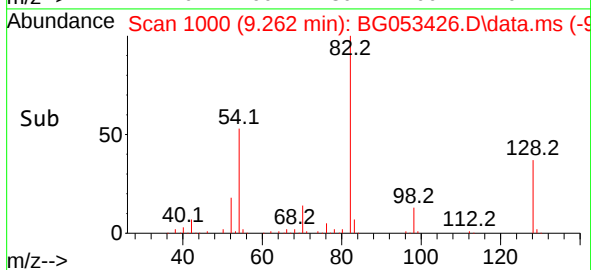
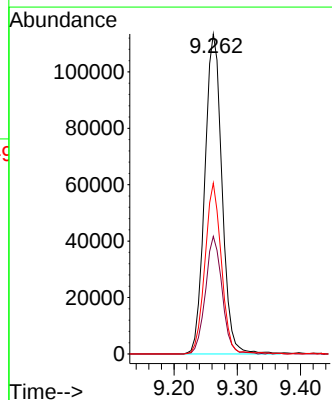
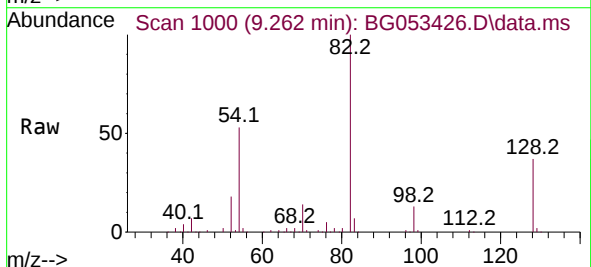
Instrument :
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ClientSampleId :
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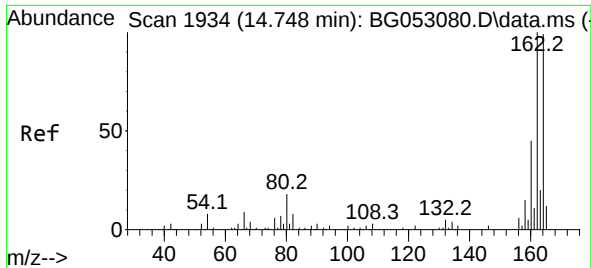
Tgt Ion:136 Resp: 105354
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.2
54 9.3 6.4 9.6
68 6.8 5.0 7.6



#23
Nitrobenzene-d5
Concen: 82.511 ng
RT: 9.262 min Scan# 1000
Delta R.T. -0.004 min
Lab File: BG053426.D
Acq: 4 May 2022 11:34

Tgt Ion: 82 Resp: 214093
Ion Ratio Lower Upper
82 100
128 36.8 31.3 46.9
54 53.4 37.8 56.8

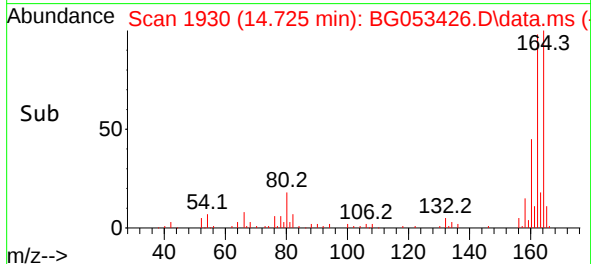
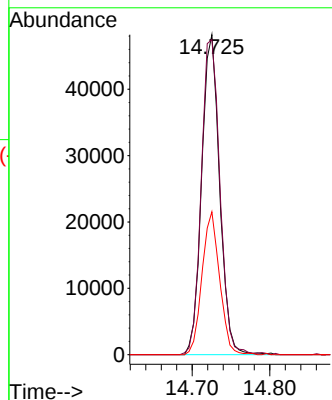
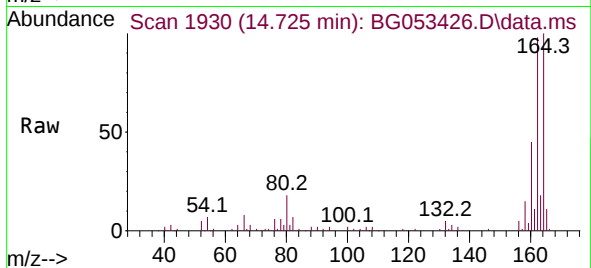




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.725 min Scan# 1930
Delta R.T. 0.002 min
Lab File: BG053426.D
Acq: 4 May 2022 11:34

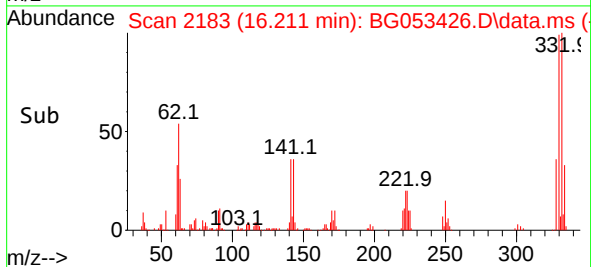
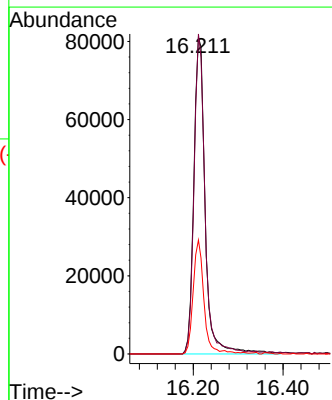
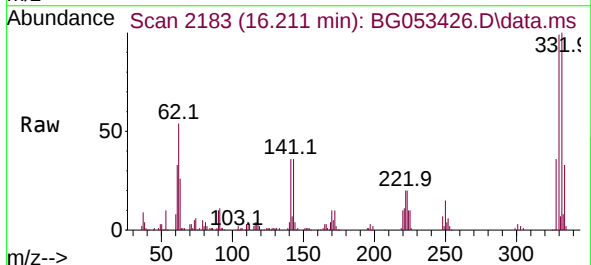
Instrument :
BNA_G
ClientSampleId :
PB144537BL

Tgt Ion:164 Resp: 77574
Ion Ratio Lower Upper
164 100
162 98.4 80.0 120.0
160 44.7 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 115.780 ng
RT: 16.211 min Scan# 2183
Delta R.T. -0.004 min
Lab File: BG053426.D
Acq: 4 May 2022 11:34

Tgt Ion:330 Resp: 142892
Ion Ratio Lower Upper
330 100
332 96.3 75.8 113.6
141 34.2 24.6 36.8

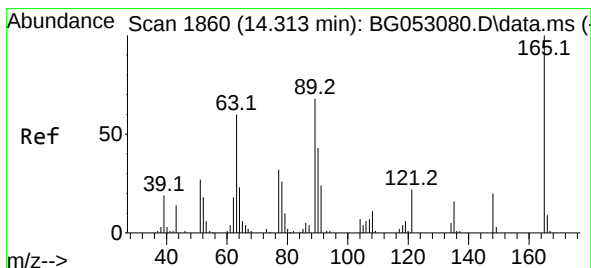
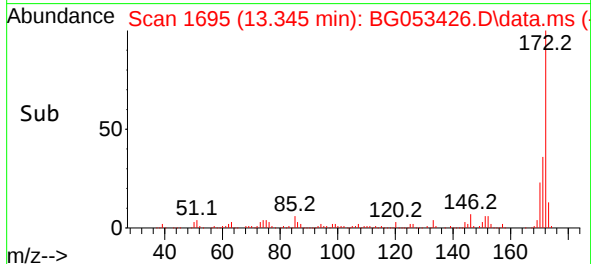
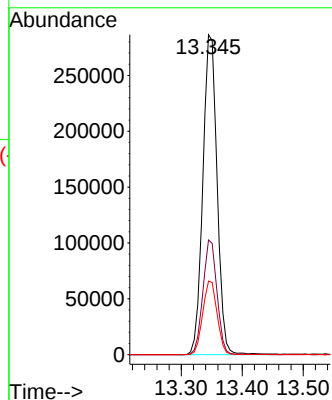
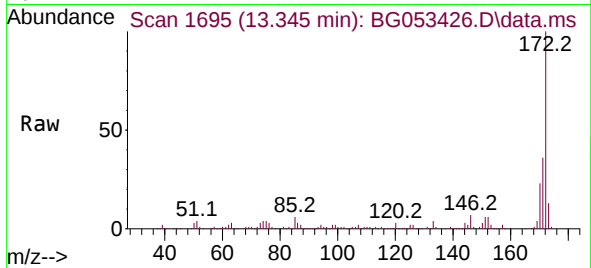




#45
2-Fluorobiphenyl
Concen: 82.865 ng
RT: 13.345 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG053426.D
Acq: 4 May 2022 11:34

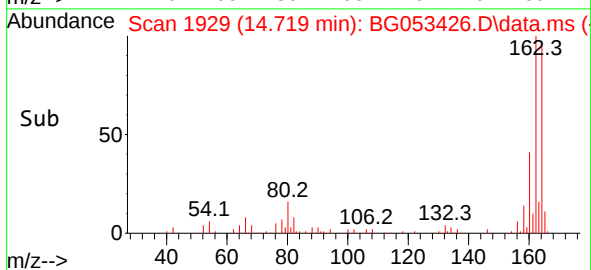
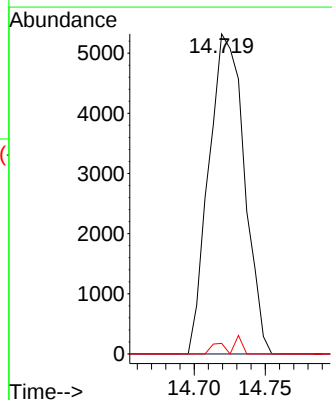
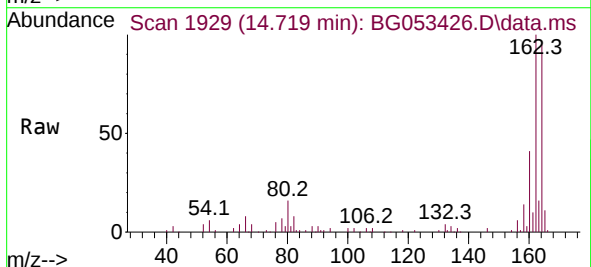
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BNA_G
ClientSampleId :
PB144537BL

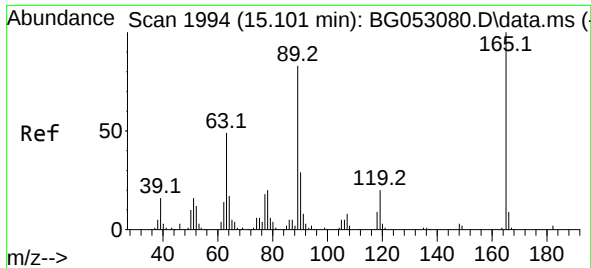
Tgt Ion:172 Resp: 466178
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.0 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.147 ng
RT: 14.719 min Scan# 1929
Delta R.T. 0.425 min
Lab File: BG053426.D
Acq: 4 May 2022 11:34

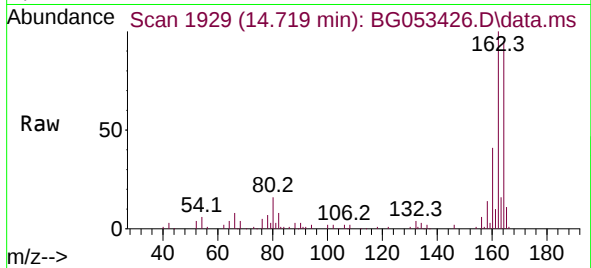
Tgt Ion:165 Resp: 9251
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 3.3 45.0 67.4#



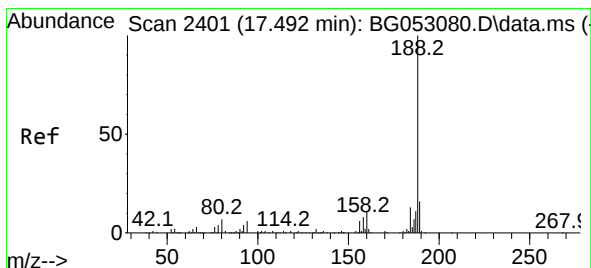
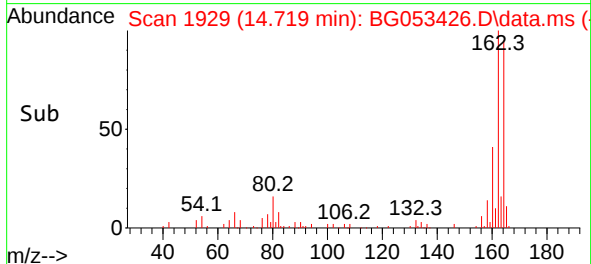
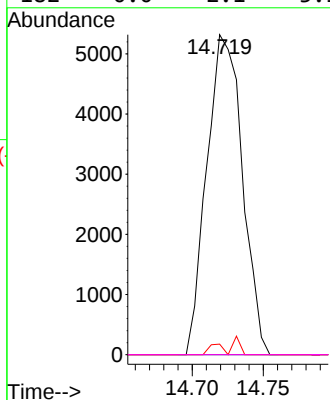


#57
2,4-Dinitrotoluene
Concen: 5.020 ng
RT: 14.719 min Scan# 1994
Delta R.T. -0.362 min
Lab File: BG053426.D
Acq: 4 May 2022 11:34

Instrument :
BNA_G
ClientSampleId :
PB144537BL

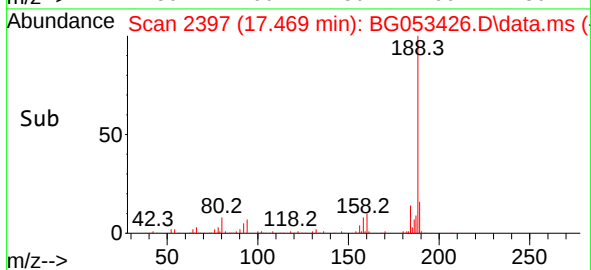
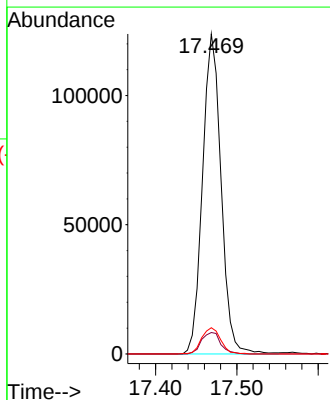
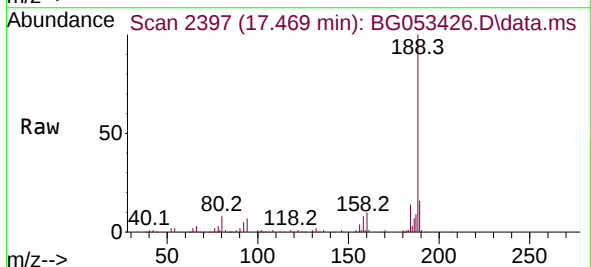


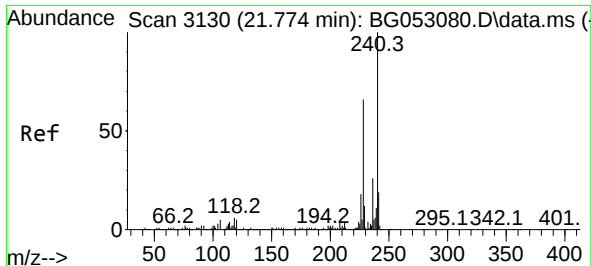
Tgt Ion:165 Resp: 9251
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 3.3 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.469 min Scan# 2397
Delta R.T. -0.004 min
Lab File: BG053426.D
Acq: 4 May 2022 11:34

Tgt Ion:188 Resp: 196135
Ion Ratio Lower Upper
188 100
94 6.7 5.7 8.5
80 8.2 7.2 10.8

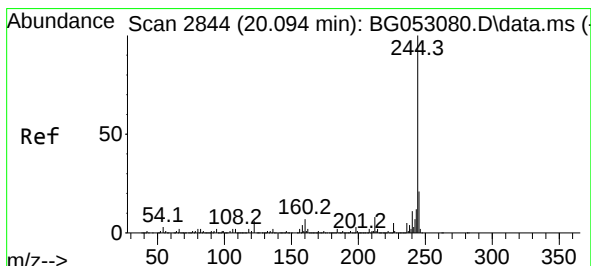
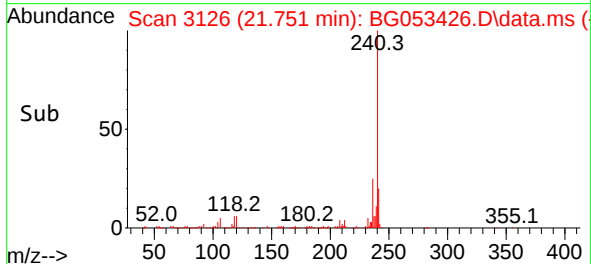
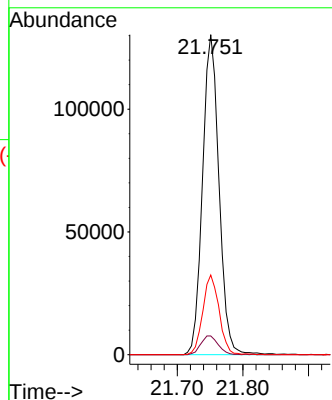
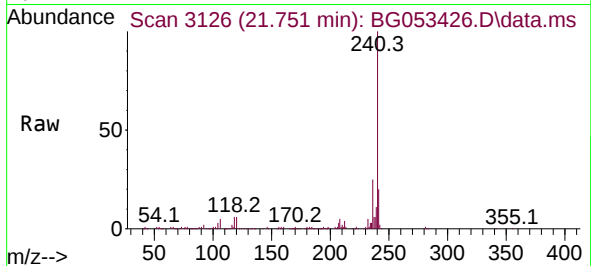




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.751 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG053426.D
Acq: 4 May 2022 11:34

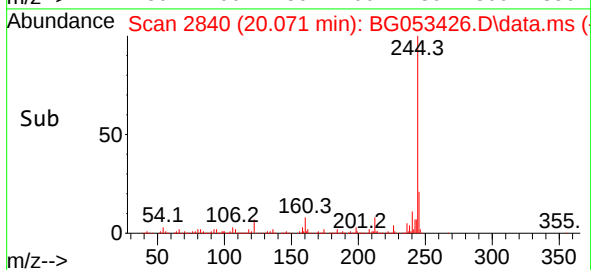
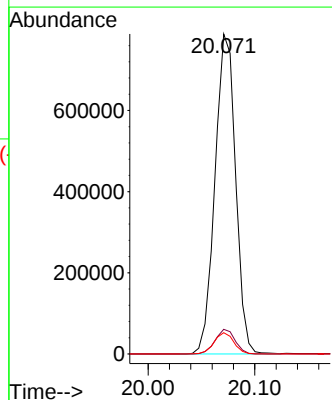
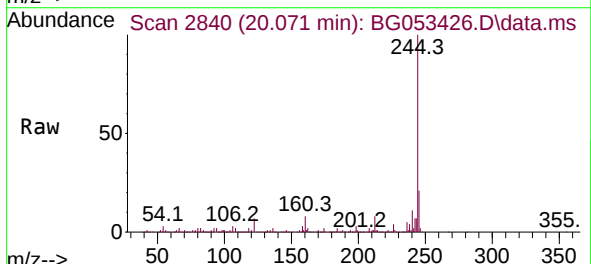
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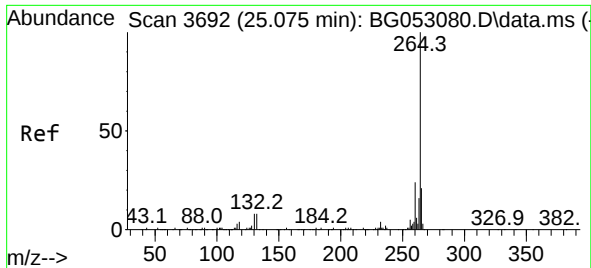
Tgt Ion:240 Resp: 228033
Ion Ratio Lower Upper
240 100
120 5.9 5.4 8.0
236 24.9 19.8 29.6



#79
Terphenyl-d14
Concen: 78.264 ng
RT: 20.071 min Scan# 2840
Delta R.T. -0.004 min
Lab File: BG053426.D
Acq: 4 May 2022 11:34

Tgt Ion:244 Resp: 1056713
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.2
122 6.7 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.047 min Scan# 30
Delta R.T. -0.004 min
Lab File: BG053426.D
Acq: 4 May 2022 11:34

Instrument :
BNA_G
ClientSampleId :
PB144537BL

Tgt Ion:264 Resp: 221016

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	21.6	15.1	22.7

