

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
 Data File : BG054775.D
 Acq On : 29 Aug 2022 16:43
 Operator : CG/JU
 Sample : N4379-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-06-9.5-11

Quant Time: Aug 30 02:48:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

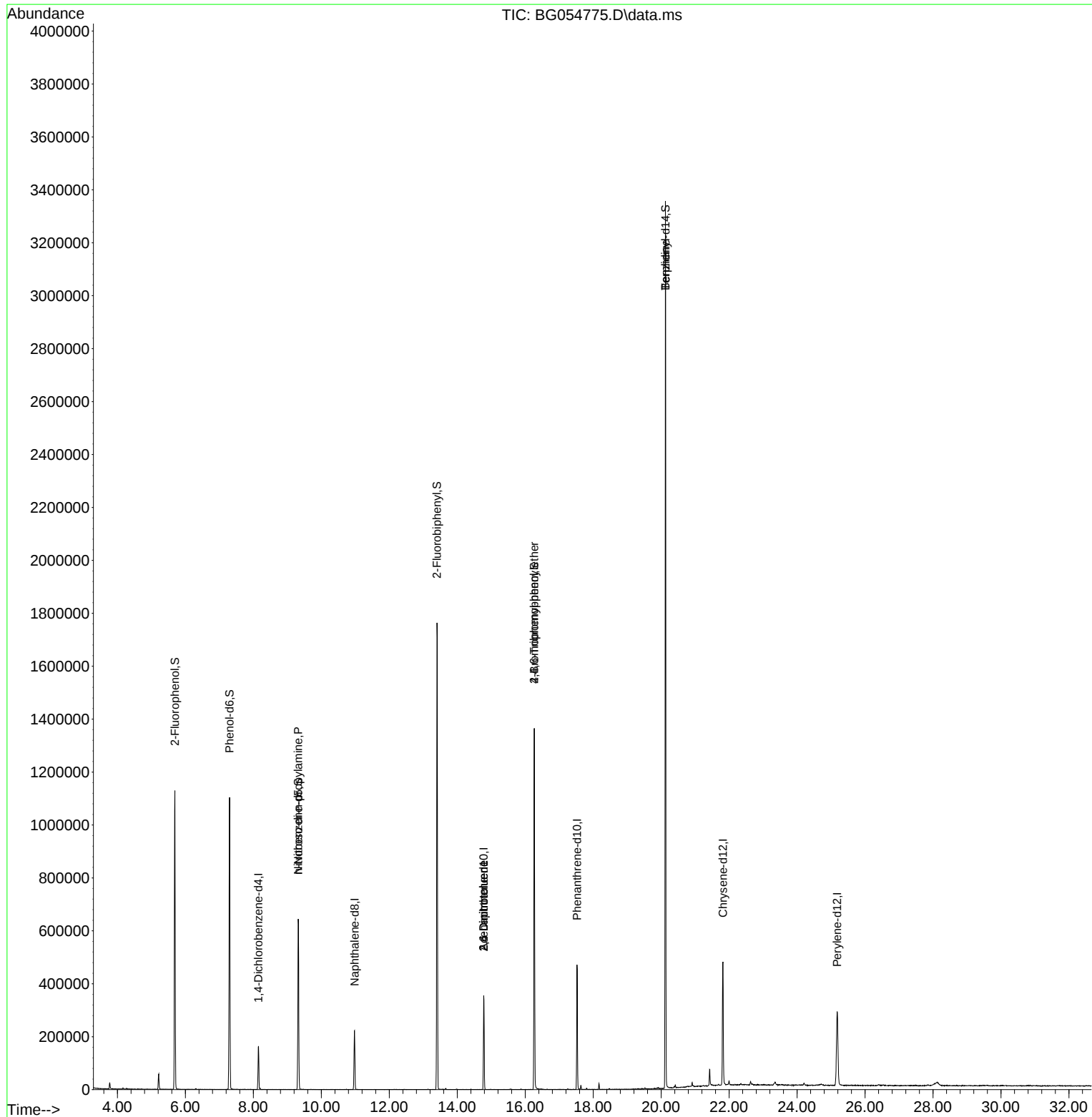
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	50038	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	200538	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	132329	20.000	ng	0.00
64) Phenanthrene-d10	17.523	188	306922	20.000	ng	0.00
76) Chrysene-d12	21.818	240	311577	20.000	ng	0.00
86) Perylene-d12	25.179	264	323398	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	514787	179.150	ng	0.00
7) Phenol-d6	7.300	99	681237	173.354	ng	0.00
23) Nitrobenzene-d5	9.321	82	410619	107.491	ng	0.00
42) 2,4,6-Tribromophenol	16.266	330	272941	165.065	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	949918	107.893	ng	0.00
79) Terphenyl-d14	20.126	244	1638437	104.192	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.321	70	52423	19.399	ng	# 81
51) 2,6-Dinitrotoluene	14.780	165	17159	8.229	ng	# 22
57) 2,4-Dinitrotoluene	14.780	165	17159	5.949	ng	# 19
67) 4-Bromophenyl-phenylether	16.266	248	18069	5.362	ng	# 1
77) Benzidine	20.126	184	25700	3.330	ng	# 93

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

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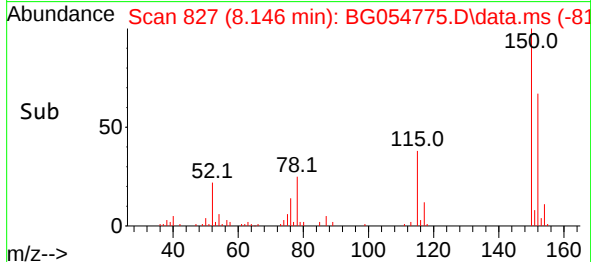
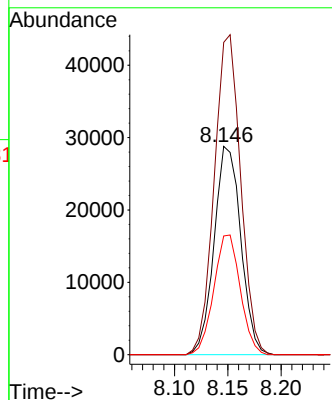
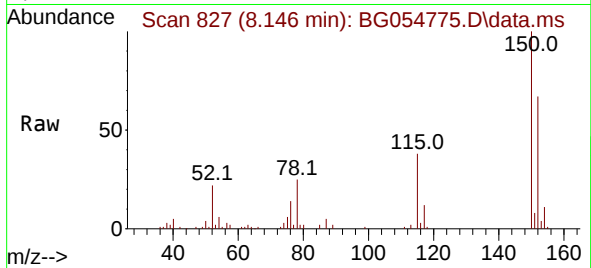




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG054775.D
Acq: 29 Aug 2022 16:43

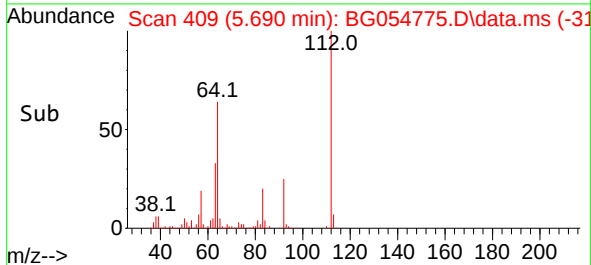
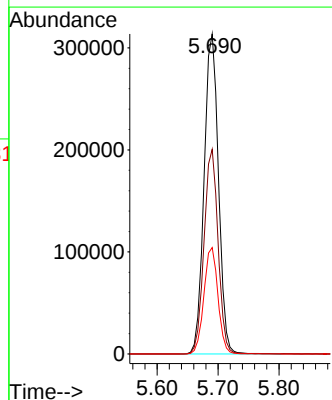
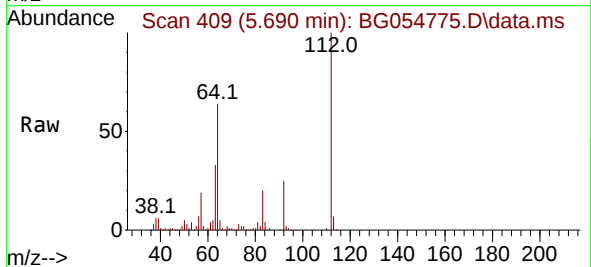
Instrument :
BNA_G
ClientSampleId :
SB-06-9.5-11

Tgt Ion:152 Resp: 50038
Ion Ratio Lower Upper
152 100
150 150.0 125.2 187.8
115 57.0 47.9 71.9



#5
2-Fluorophenol
Concen: 179.150 ng
RT: 5.690 min Scan# 409
Delta R.T. 0.004 min
Lab File: BG054775.D
Acq: 29 Aug 2022 16:43

Tgt Ion:112 Resp: 514787
Ion Ratio Lower Upper
112 100
64 64.0 49.3 73.9
63 33.2 26.3 39.5

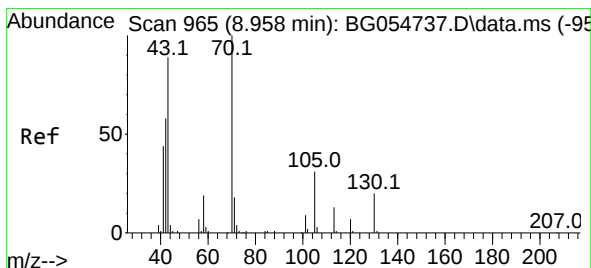
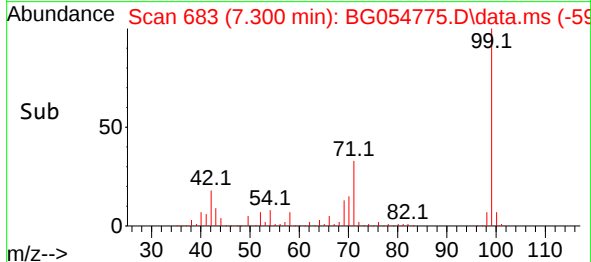
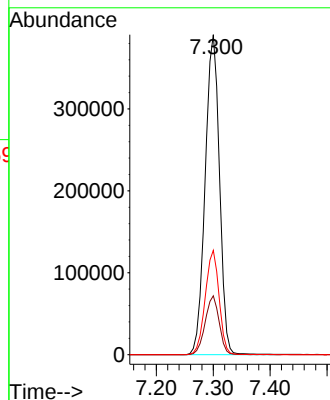
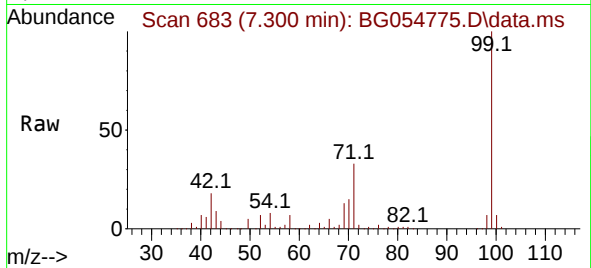




#7
Phenol-d6
Concen: 173.354 ng
RT: 7.300 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG054775.D
Acq: 29 Aug 2022 16:43

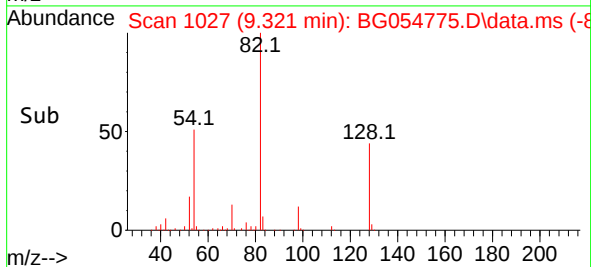
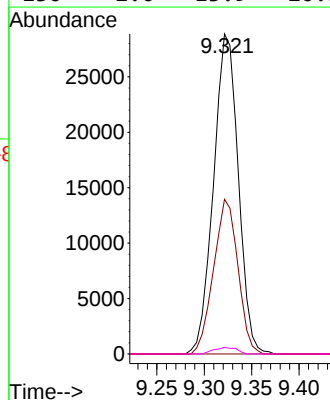
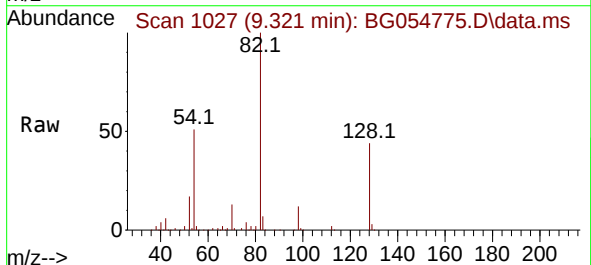
Instrument :
BNA_G
ClientSampleId :
SB-06-9.5-11

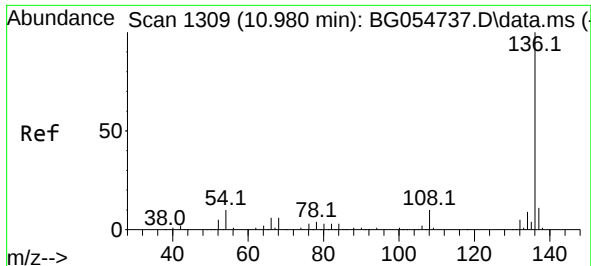
Tgt Ion: 99 Resp: 681237
Ion Ratio Lower Upper
99 100
42 18.4 14.6 22.0
71 32.6 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.399 ng
RT: 9.321 min Scan# 1027
Delta R.T. 0.363 min
Lab File: BG054775.D
Acq: 29 Aug 2022 16:43

Tgt Ion: 70 Resp: 52423
Ion Ratio Lower Upper
70 100
42 48.3 46.6 69.8
101 0.0 7.7 11.5#
130 2.0 13.9 20.9#

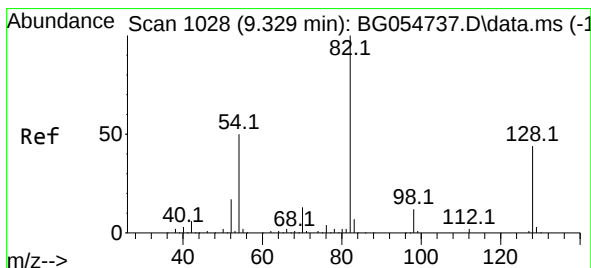
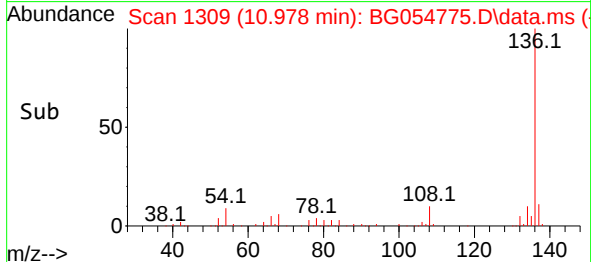
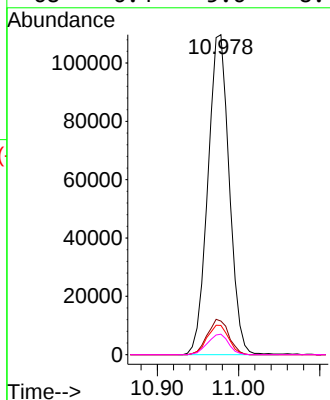
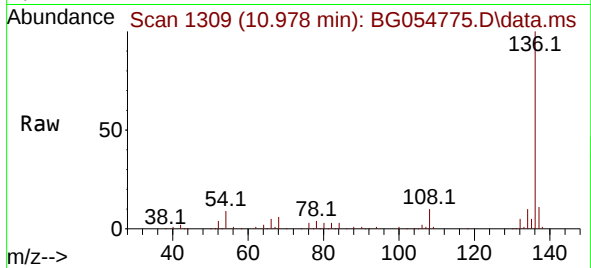




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.978 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054775.D
Acq: 29 Aug 2022 16:43

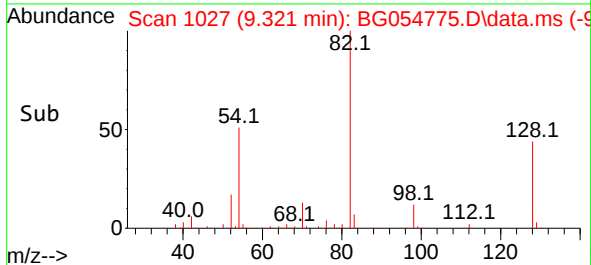
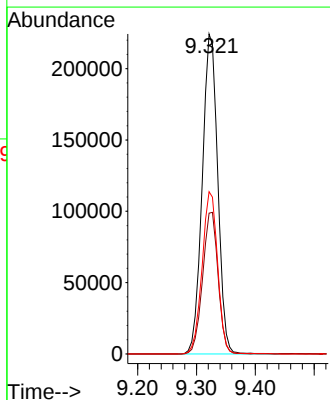
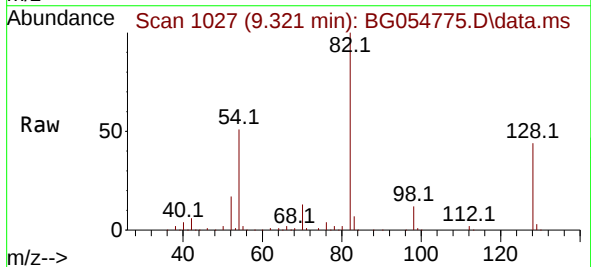
Instrument :
BNA_G
ClientSampleId :
SB-06-9.5-11

Tgt	Ion:136	Resp:	200538
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	9.2	7.7	11.5
68	6.4	5.6	8.4



#23
Nitrobenzene-d5
Concen: 107.491 ng
RT: 9.321 min Scan# 1027
Delta R.T. -0.007 min
Lab File: BG054775.D
Acq: 29 Aug 2022 16:43

Tgt Ion: 82	Resp: 410619
Ion Ratio	Lower Upper
82 100	
128 44.0	32.2 48.2
54 50.7	41.4 62.0

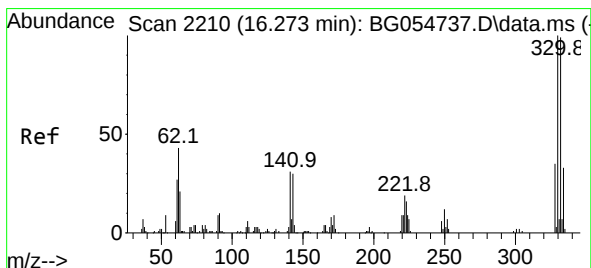
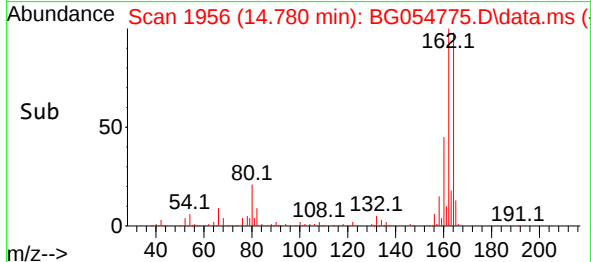
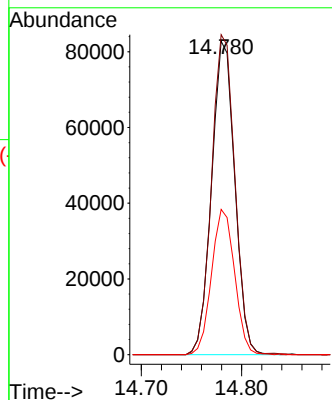
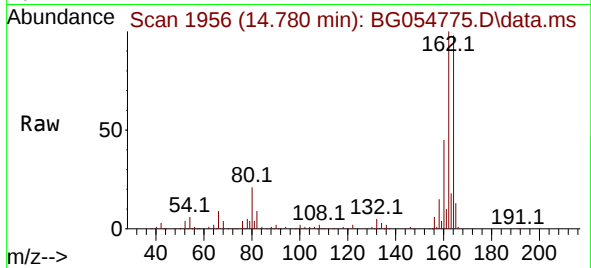




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.780 min Scan# 1957
Delta R.T. -0.007 min
Lab File: BG054775.D
Acq: 29 Aug 2022 16:43

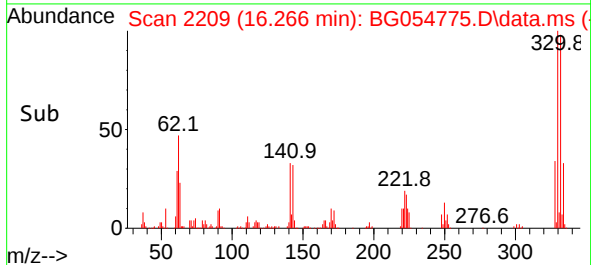
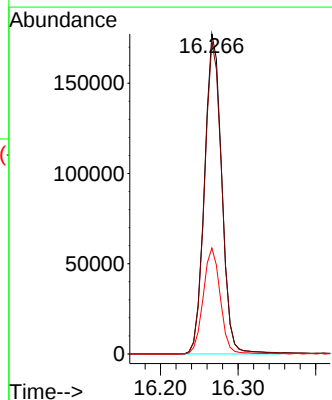
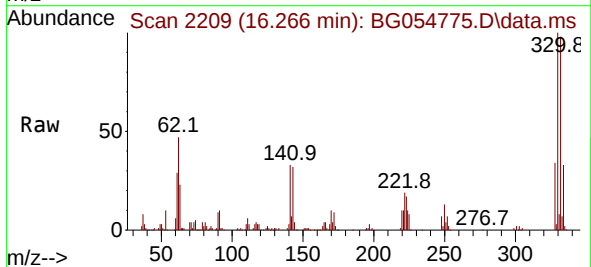
Instrument :
BNA_G
ClientSampleId :
SB-06-9.5-11

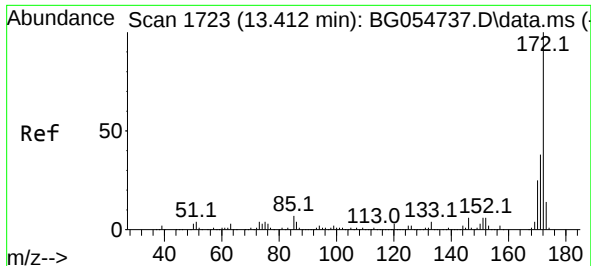
Tgt Ion:164 Resp: 132329
Ion Ratio Lower Upper
164 100
162 102.1 83.0 124.4
160 46.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 165.065 ng
RT: 16.266 min Scan# 2209
Delta R.T. -0.007 min
Lab File: BG054775.D
Acq: 29 Aug 2022 16:43

Tgt Ion:330 Resp: 272941
Ion Ratio Lower Upper
330 100
332 98.3 79.8 119.6
141 32.8 26.8 40.2

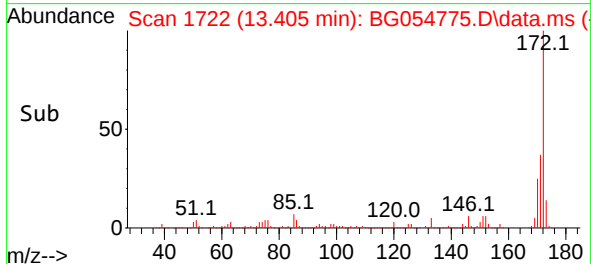
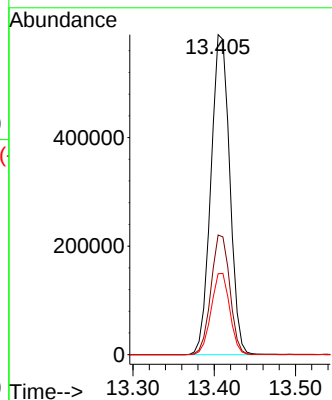
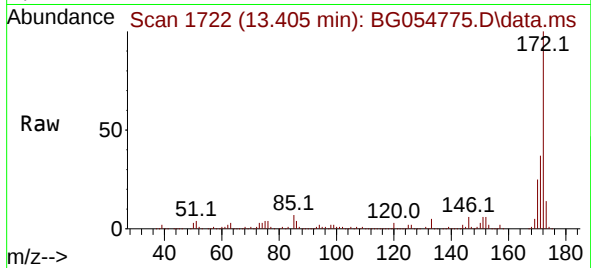




#45
2-Fluorobiphenyl
Concen: 107.893 ng
RT: 13.405 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054775.D
Acq: 29 Aug 2022 16:43

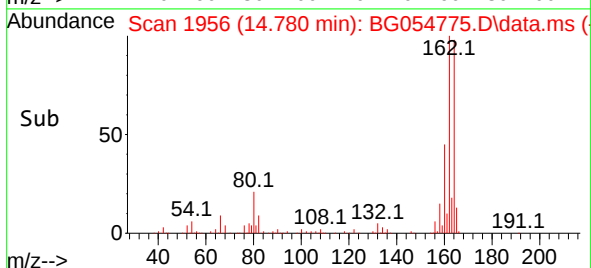
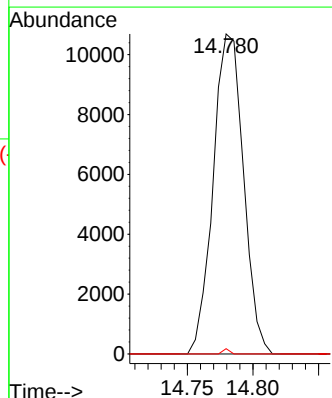
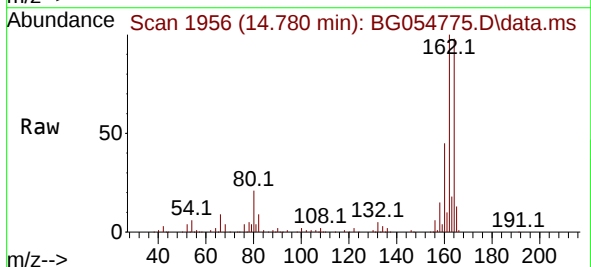
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BNA_G
ClientSampleId :
SB-06-9.5-11

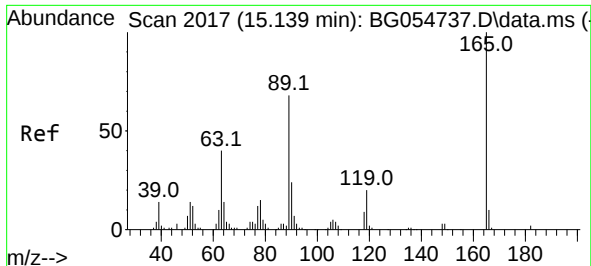
Tgt Ion:172 Resp: 949918
Ion Ratio Lower Upper
172 100
171 37.4 31.2 46.8
170 25.3 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.229 ng
RT: 14.780 min Scan# 1956
Delta R.T. 0.422 min
Lab File: BG054775.D
Acq: 29 Aug 2022 16:43

Tgt Ion:165 Resp: 17159
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 1.6 50.3 75.5#

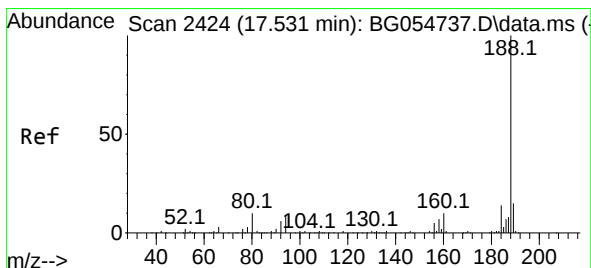
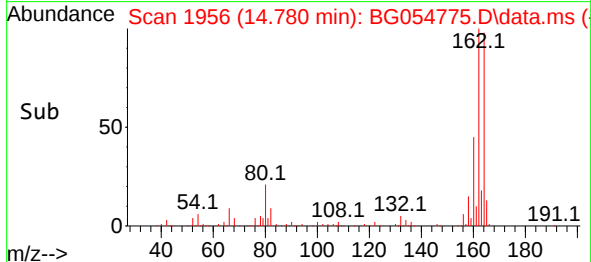
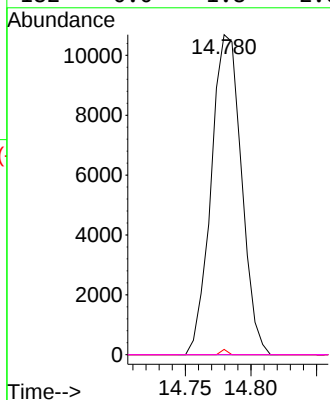
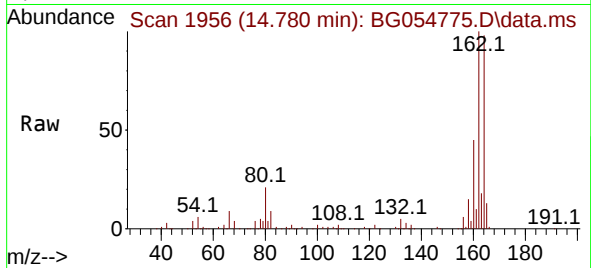




#57
2,4-Dinitrotoluene
Concen: 5.949 ng
RT: 14.780 min Scan# 1956
Delta R.T. -0.360 min
Lab File: BG054775.D
Acq: 29 Aug 2022 16:43

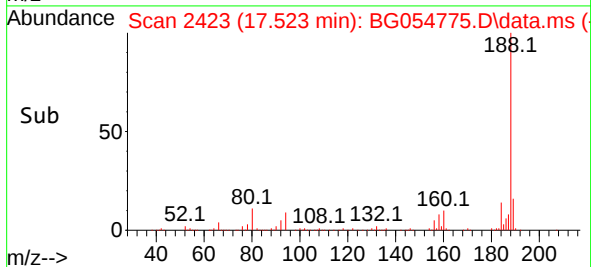
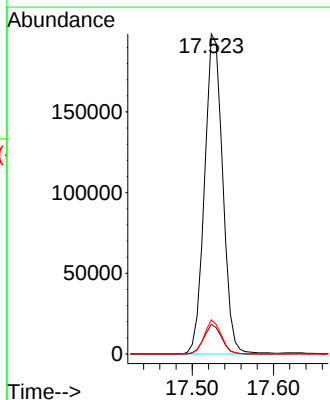
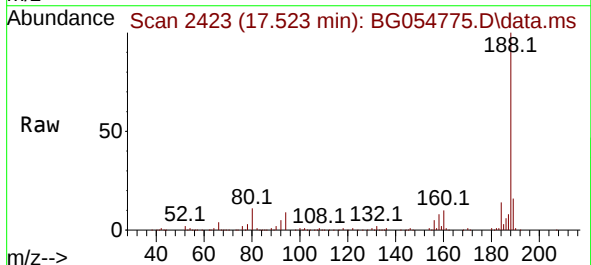
Instrument :
BNA_G
ClientSampleId :
SB-06-9.5-11

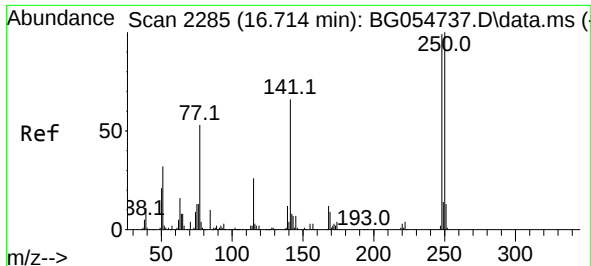
Tgt Ion:165 Resp: 17159
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 1.6 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.523 min Scan# 2423
Delta R.T. -0.007 min
Lab File: BG054775.D
Acq: 29 Aug 2022 16:43

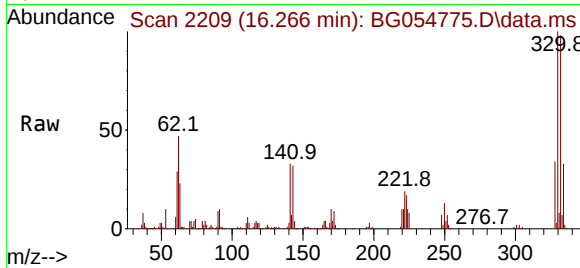
Tgt Ion:188 Resp: 306922
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.4
80 10.6 7.9 11.9



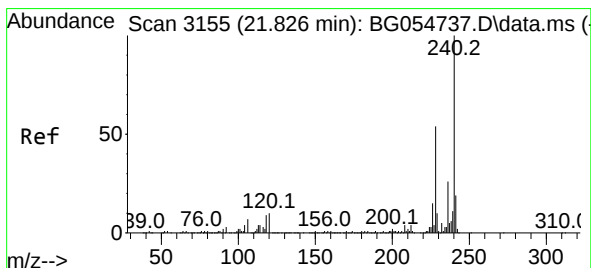
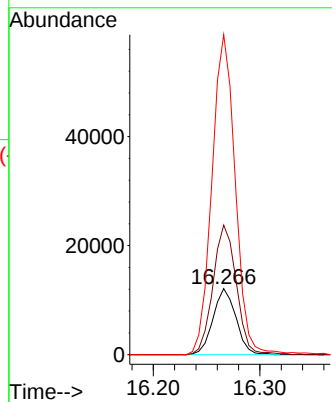
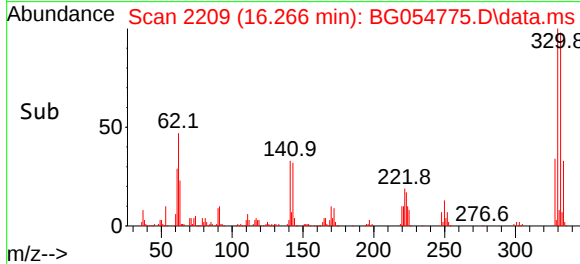


#67
4-Bromophenyl-phenylether
Concen: 5.362 ng
RT: 16.266 min Scan# 21
Delta R.T. -0.448 min
Lab File: BG054775.D
Acq: 29 Aug 2022 16:43

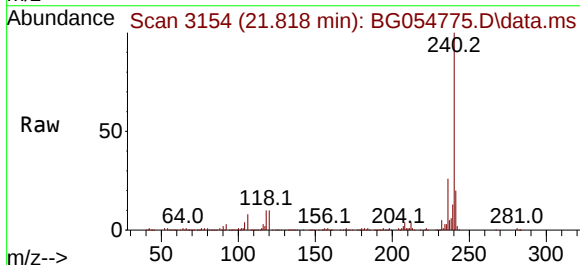
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SB-06-9.5-11



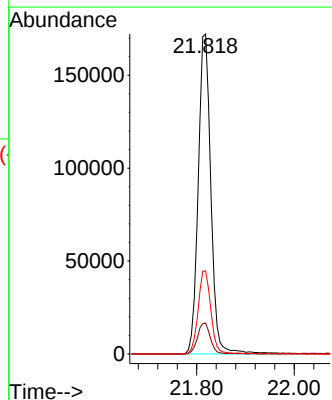
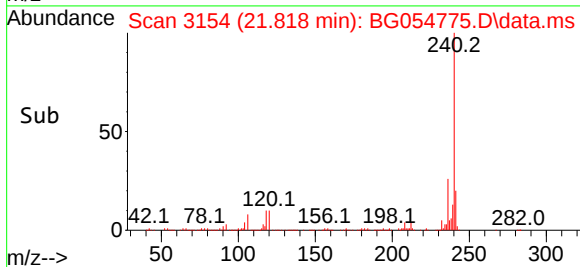
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Ion Ratio Lower Upper
248 100
250 196.3 78.8 118.2#
141 484.6 51.9 77.9#

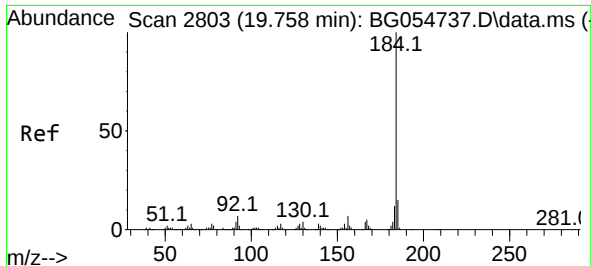


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.818 min Scan# 3154
Delta R.T. -0.007 min
Lab File: BG054775.D
Acq: 29 Aug 2022 16:43



Tgt Ion:240 Resp: 311577
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.4
236 26.0 21.2 31.8

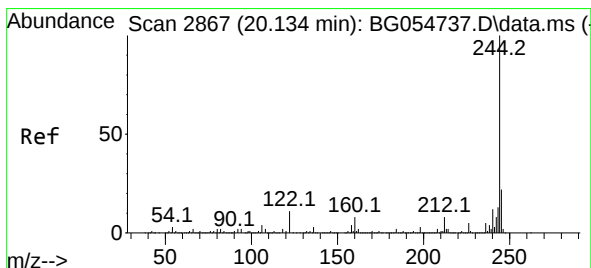
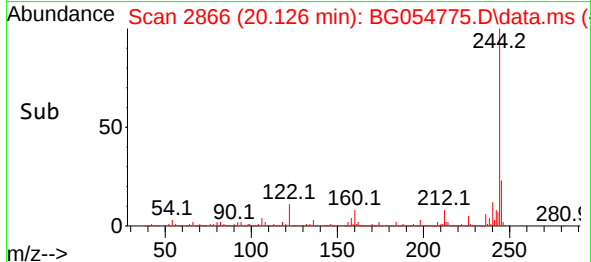
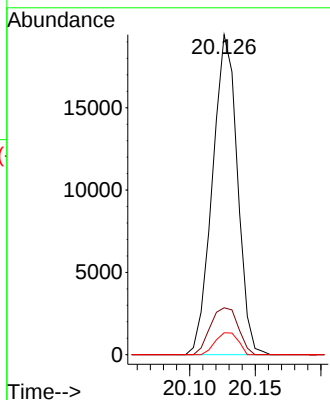
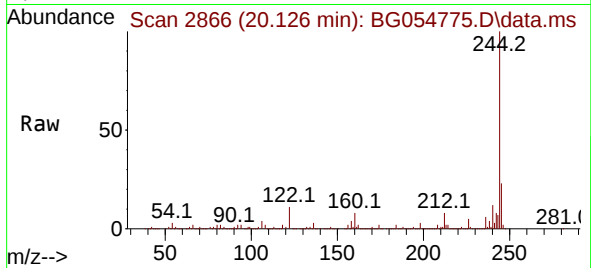




#77
Benzidine
Concen: 3.330 ng
RT: 20.126 min Scan# 21
Delta R.T. 0.369 min
Lab File: BG054775.D
Acq: 29 Aug 2022 16:43

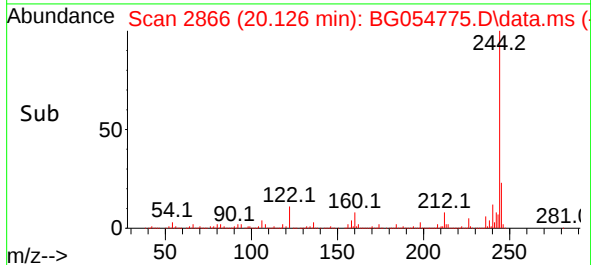
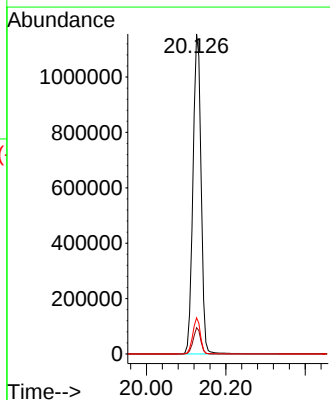
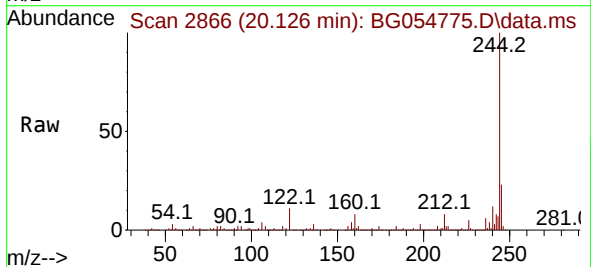
Instrument :
BNA_G
ClientSampleId :
SB-06-9.5-11

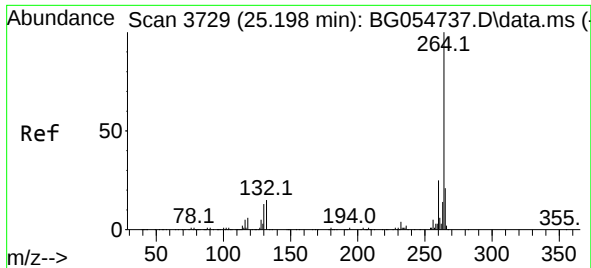
Tgt Ion:184 Resp: 25700
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.0
183 6.8 9.8 14.8#



#79
Terphenyl-d14
Concen: 104.192 ng
RT: 20.126 min Scan# 2866
Delta R.T. -0.007 min
Lab File: BG054775.D
Acq: 29 Aug 2022 16:43

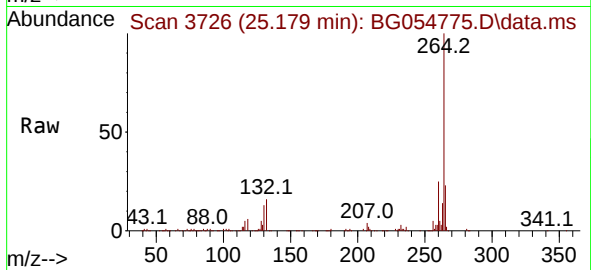
Tgt Ion:244 Resp: 1638437
Ion Ratio Lower Upper
244 100
212 8.2 6.2 9.2
122 11.3 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.179 min Scan# 31
 Delta R.T. -0.019 min
 Lab File: BG054775.D
 Acq: 29 Aug 2022 16:43

Instrument :
 BNA_G
 ClientSampleId :
 SB-06-9.5-11



Tgt Ion:264 Resp: 323398
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.9 29.9
 265 23.0 16.9 25.3

