

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090822\
 Data File : BG054888.D
 Acq On : 8 Sep 2022 17:53
 Operator : CG/JU
 Sample : N4530-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-21-COMP

Quant Time: Sep 09 02:50:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 02:45:21 2022
 Response via : Initial Calibration

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

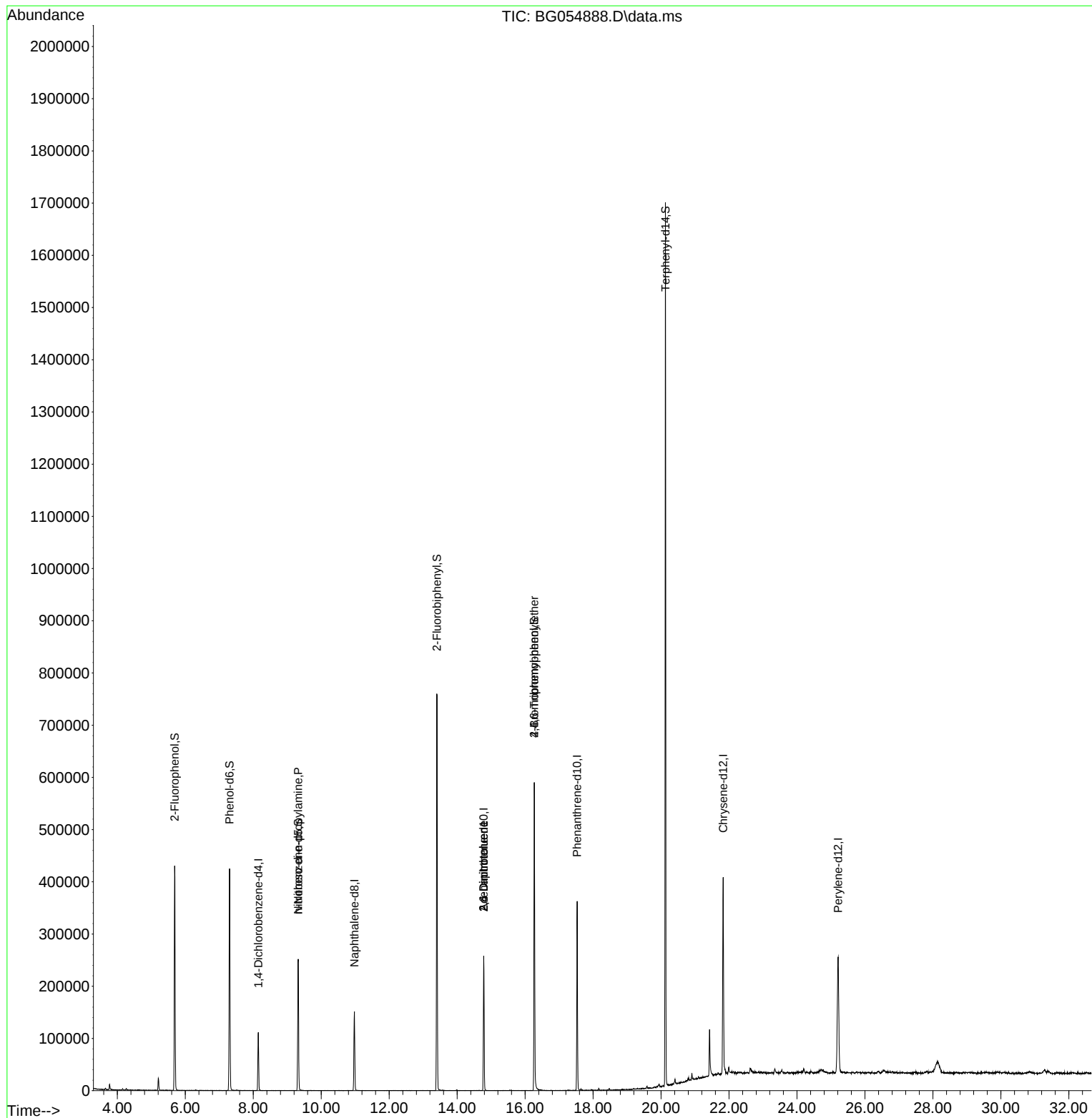
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	34802	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	141609	20.000	ng	0.00
39) Acenaphthene-d10	14.782	164	97433	20.000	ng	0.00
64) Phenanthrene-d10	17.532	188	241400	20.000	ng	0.00
76) Chrysene-d12	21.827	240	243866	20.000	ng	0.00
86) Perylene-d12	25.211	264	255116	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	210913	105.533	ng	0.00
7) Phenol-d6	7.303	99	281398	102.956	ng	0.00
23) Nitrobenzene-d5	9.324	82	166746	61.815	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	137874	113.245	ng	0.00
45) 2-Fluorobiphenyl	13.407	172	432174	66.668	ng	0.00
79) Terphenyl-d14	20.129	244	845781	68.719	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.324	70	20278	10.789	ng	Qvalue
51) 2,6-Dinitrotoluene	14.782	165	13158	8.570	ng	# 76
57) 2,4-Dinitrotoluene	14.782	165	13158	6.196	ng	# 20
67) 4-Bromophenyl-phenylether	16.269	248	8712	3.287	ng	# 18
67) 4-Bromophenyl-phenylether	16.269	248	8712	3.287	ng	# 1

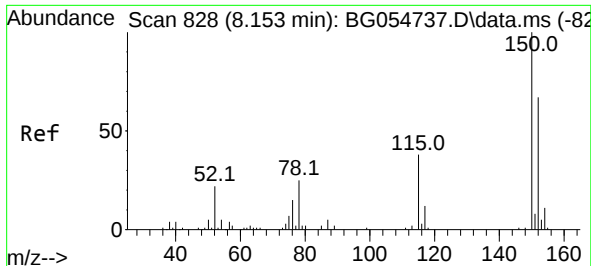
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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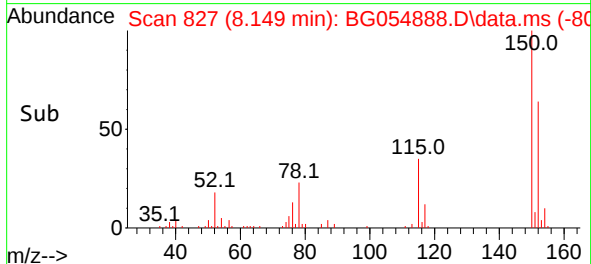
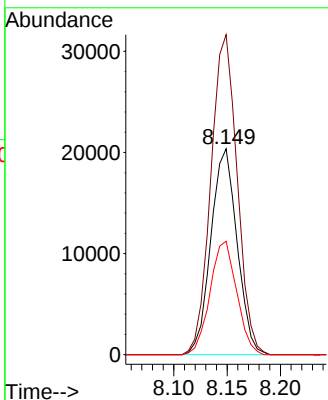
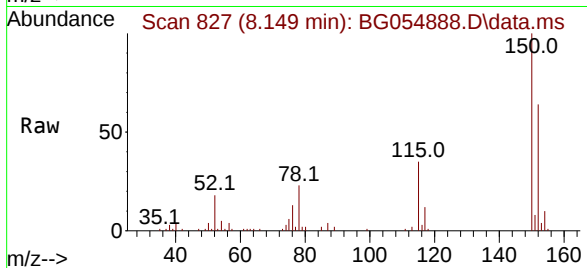




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.149 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG054888.D
Acq: 8 Sep 2022 17:53

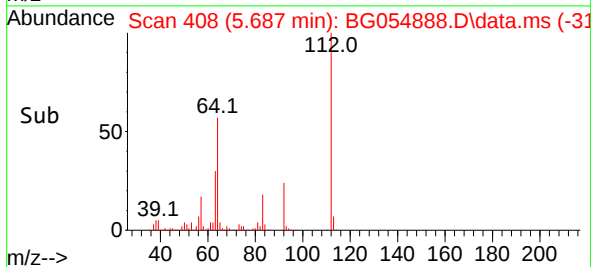
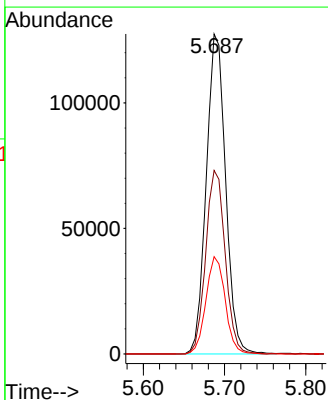
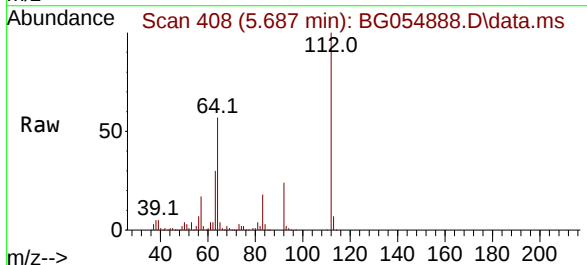
Instrument :
BNA_G
ClientSampleId :
SB-21-COMP

Tgt Ion:152 Resp: 34802
Ion Ratio Lower Upper
152 100
150 155.4 125.2 187.8
115 55.1 47.9 71.9



#5
2-Fluorophenol
Concen: 105.533 ng
RT: 5.687 min Scan# 408
Delta R.T. 0.002 min
Lab File: BG054888.D
Acq: 8 Sep 2022 17:53

Tgt Ion:112 Resp: 210913
Ion Ratio Lower Upper
112 100
64 57.3 49.3 73.9
63 30.4 26.3 39.5

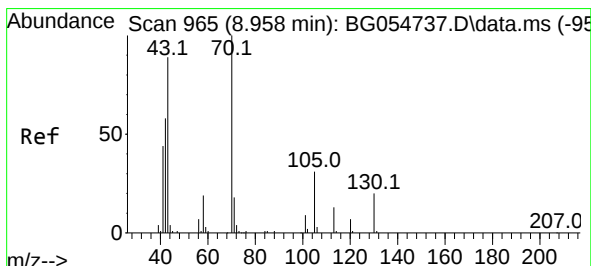
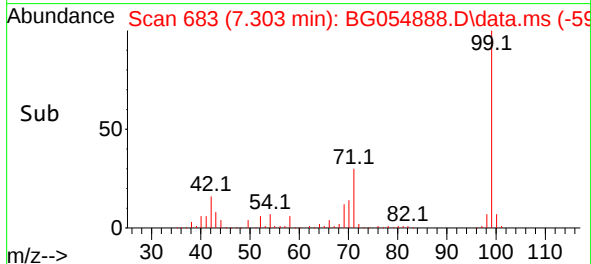
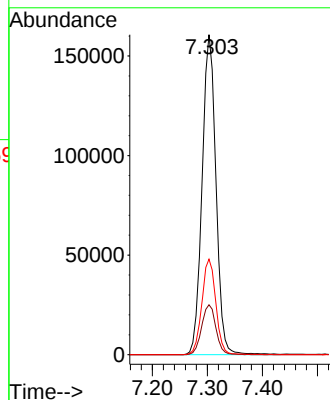
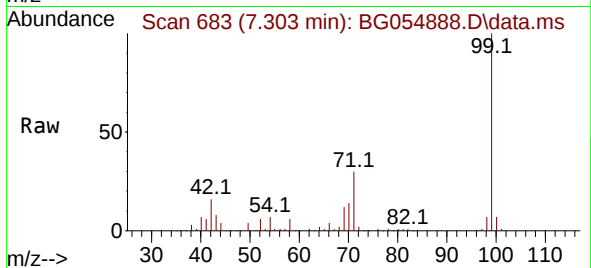




#7
Phenol-d6
Concen: 102.956 ng
RT: 7.303 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG054888.D
Acq: 8 Sep 2022 17:53

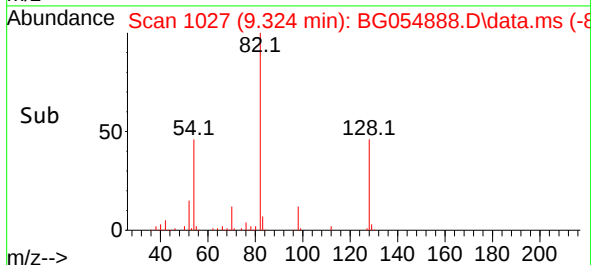
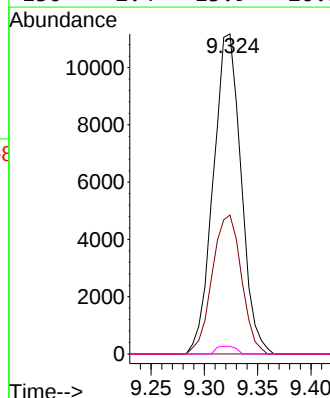
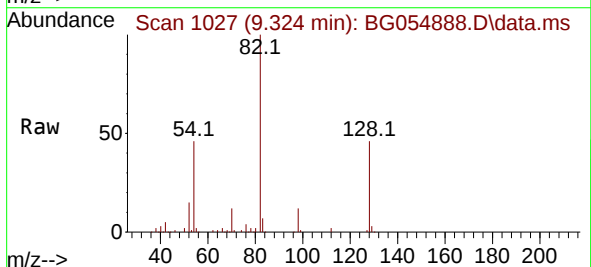
Instrument :
BNA_G
ClientSampleId :
SB-21-COMP

Tgt Ion: 99 Resp: 281398
Ion Ratio Lower Upper
99 100
42 15.6 14.6 22.0
71 29.8 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 10.789 ng
RT: 9.324 min Scan# 1027
Delta R.T. 0.367 min
Lab File: BG054888.D
Acq: 8 Sep 2022 17:53

Tgt Ion: 70 Resp: 20278
Ion Ratio Lower Upper
70 100
42 43.4 46.6 69.8#
101 0.0 7.7 11.5#
130 2.4 13.9 20.9#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG054888.D
Acq: 8 Sep 2022 17:53

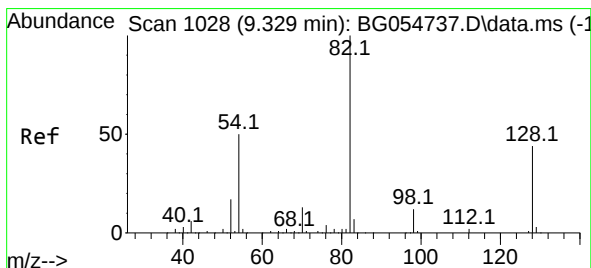
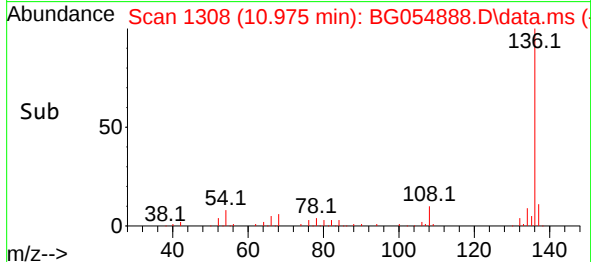
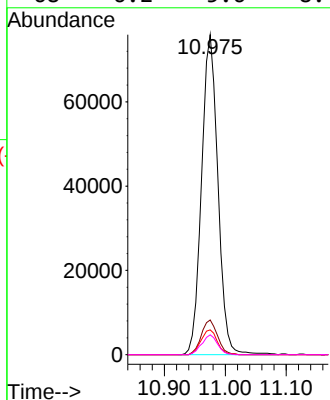
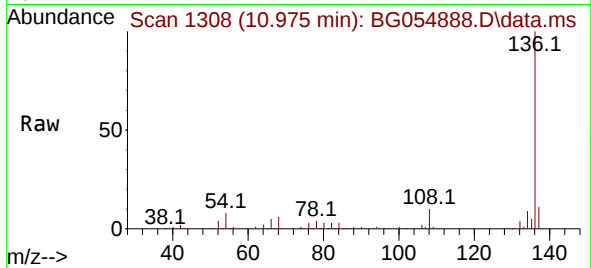
Instrument :

BNA_G

ClientSampleId :

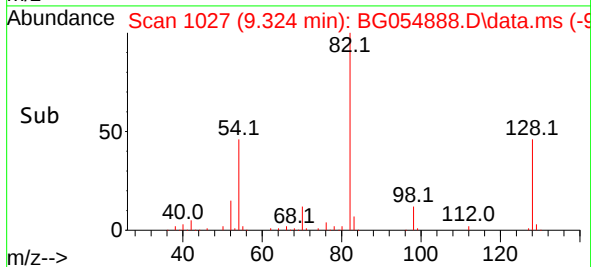
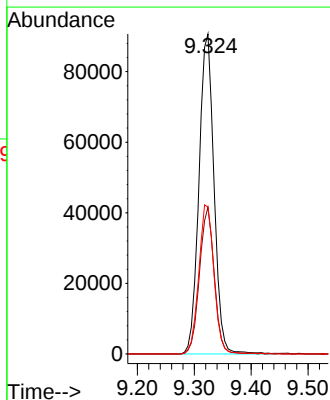
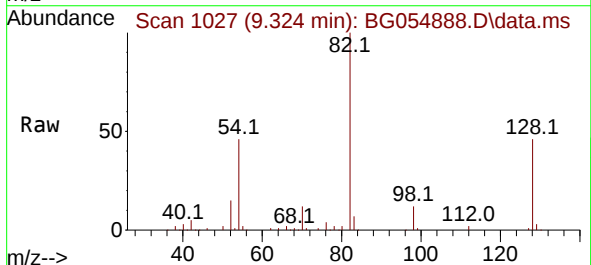
SB-21-COMP

Tgt Ion:136 Resp: 141609
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.8 7.7 11.5
68 6.2 5.6 8.4



#23
Nitrobenzene-d5
Concen: 61.815 ng
RT: 9.324 min Scan# 1027
Delta R.T. -0.003 min
Lab File: BG054888.D
Acq: 8 Sep 2022 17:53

Tgt Ion: 82 Resp: 166746
Ion Ratio Lower Upper
82 100
128 45.9 32.2 48.2
54 45.9 41.4 62.0

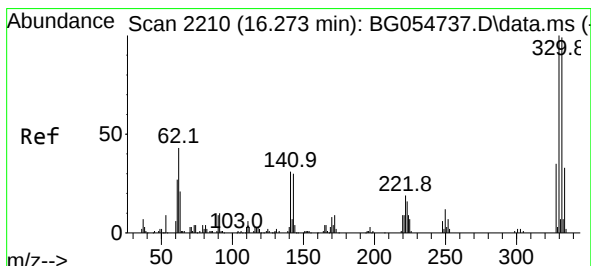
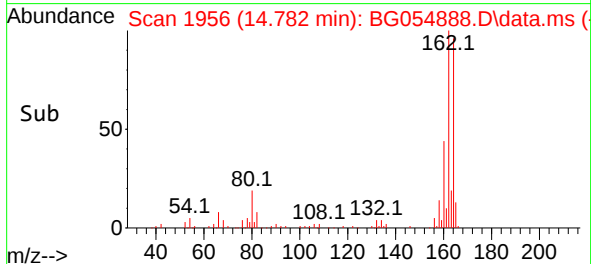
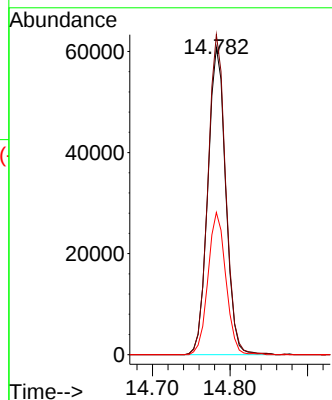
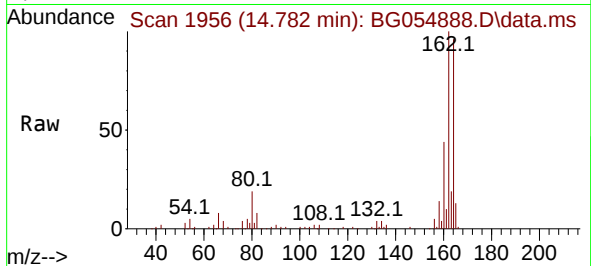




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.782 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BG054888.D
Acq: 8 Sep 2022 17:53

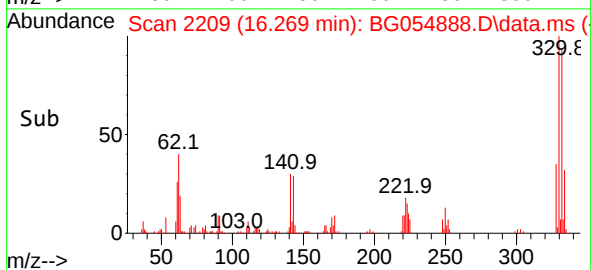
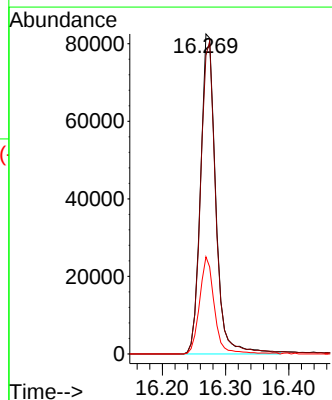
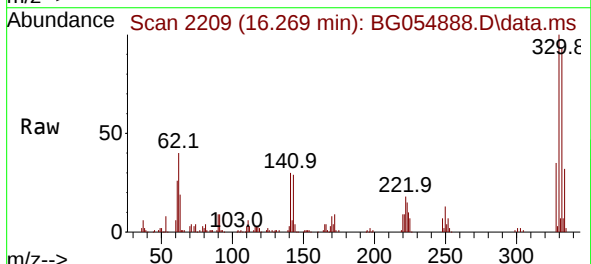
Instrument :
BNA_G
ClientSampleId :
SB-21-COMP

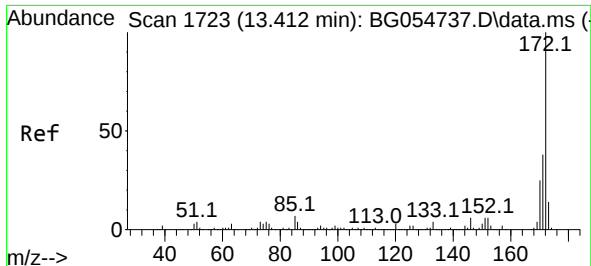
Tgt Ion:164 Resp: 97433
Ion Ratio Lower Upper
164 100
162 104.1 83.0 124.4
160 46.3 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 113.245 ng
RT: 16.269 min Scan# 2209
Delta R.T. -0.009 min
Lab File: BG054888.D
Acq: 8 Sep 2022 17:53

Tgt Ion:330 Resp: 137874
Ion Ratio Lower Upper
330 100
332 98.3 79.8 119.6
141 29.7 26.8 40.2

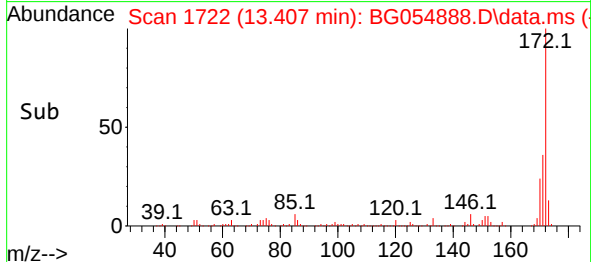
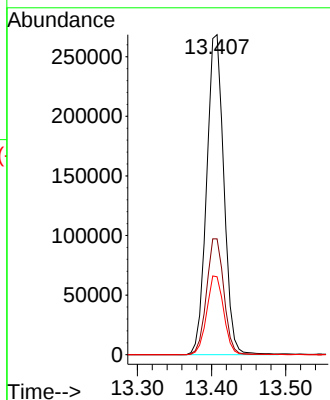
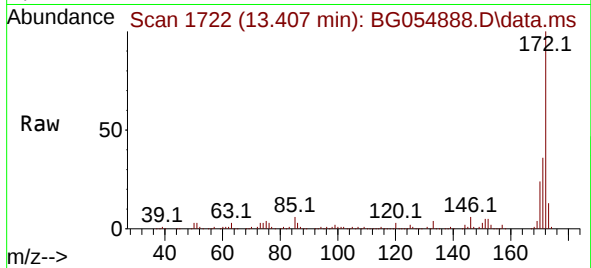




#45
2-Fluorobiphenyl
Concen: 66.668 ng
RT: 13.407 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054888.D
Acq: 8 Sep 2022 17:53

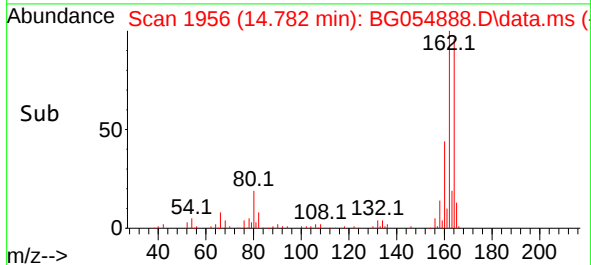
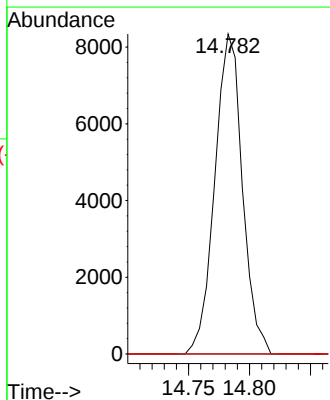
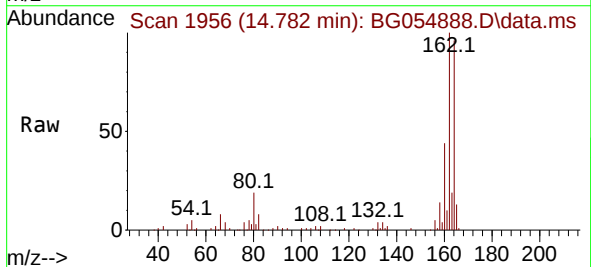
Instrument :
BNA_G
ClientSampleId :
SB-21-COMP

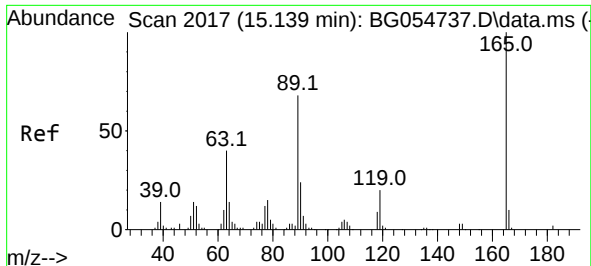
Tgt Ion:172 Resp: 432174
Ion Ratio Lower Upper
172 100
171 36.2 31.2 46.8
170 24.4 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.570 ng
RT: 14.782 min Scan# 1956
Delta R.T. 0.420 min
Lab File: BG054888.D
Acq: 8 Sep 2022 17:53

Tgt Ion:165 Resp: 13158
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 6.196 ng

RT: 14.782 min Scan# 1956

Delta R.T. -0.368 min

Lab File: BG054888.D

Acq: 8 Sep 2022 17:53

Instrument :

BNA_G

ClientSampleId :

SB-21-COMP

Tgt Ion:165 Resp: 13158

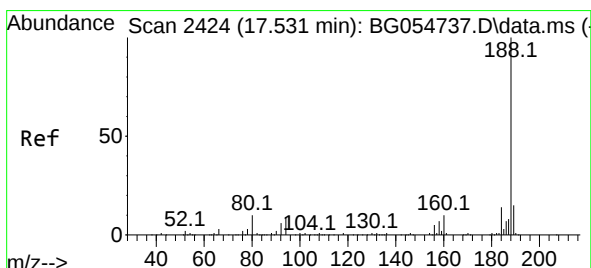
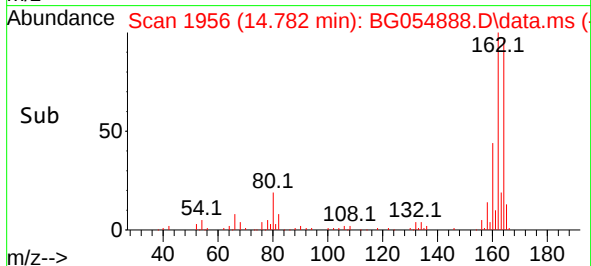
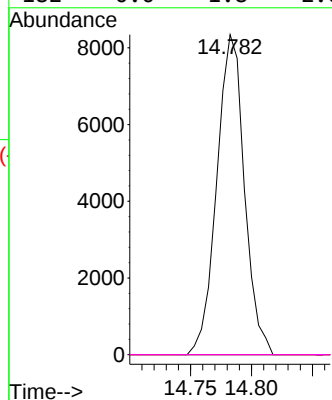
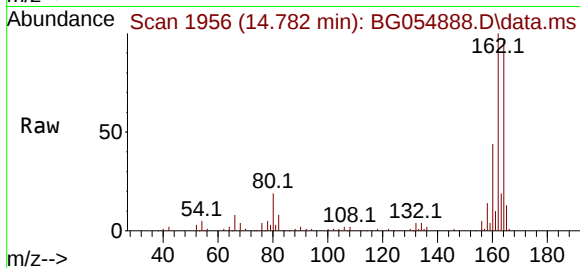
Ion Ratio Lower Upper

165 100

63 0.0 36.8 55.2#

89 0.0 64.3 96.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.532 min Scan# 2424

Delta R.T. -0.003 min

Lab File: BG054888.D

Acq: 8 Sep 2022 17:53

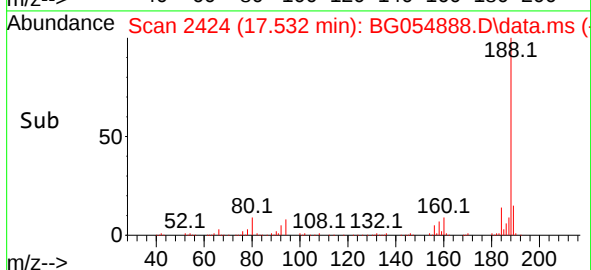
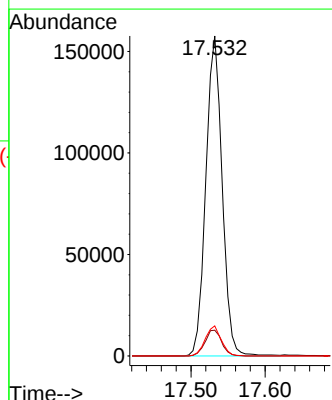
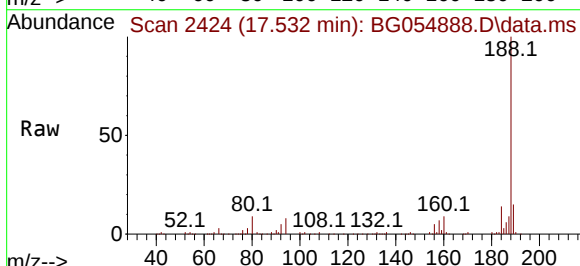
Tgt Ion:188 Resp: 241400

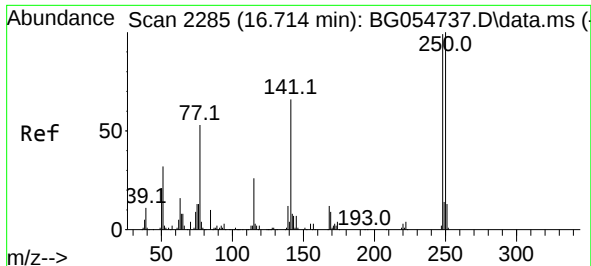
Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.4

80 9.4 7.9 11.9

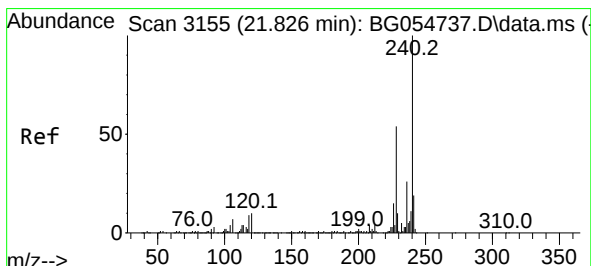
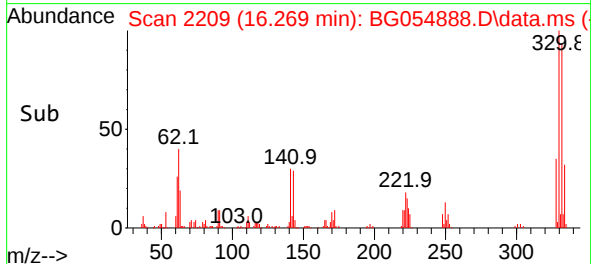
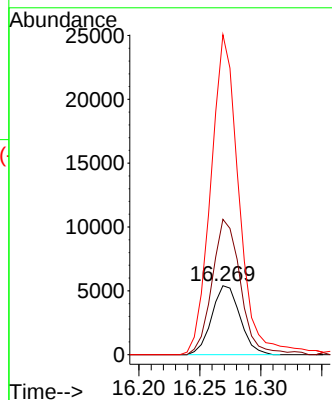
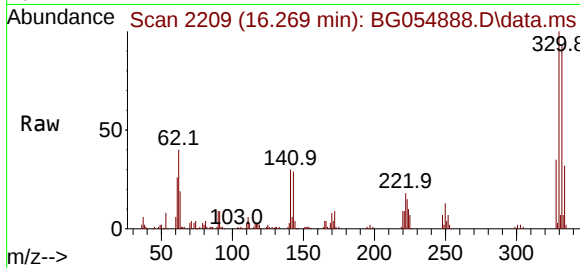




#67
4-Bromophenyl-phenylether
Concen: 3.287 ng
RT: 16.269 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG054888.D
Acq: 8 Sep 2022 17:53

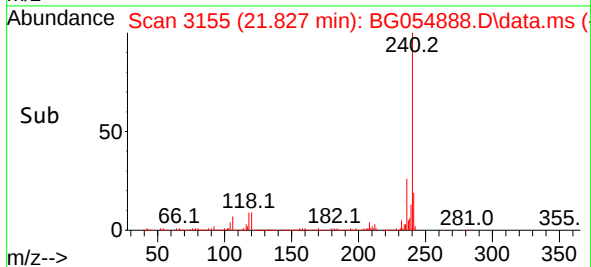
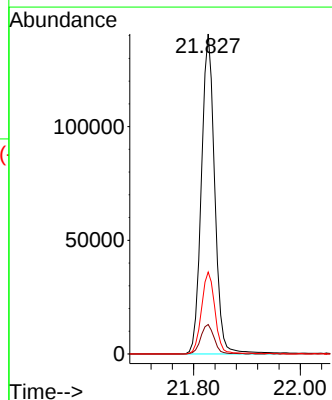
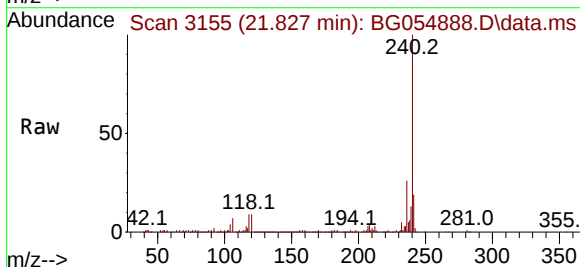
Instrument :
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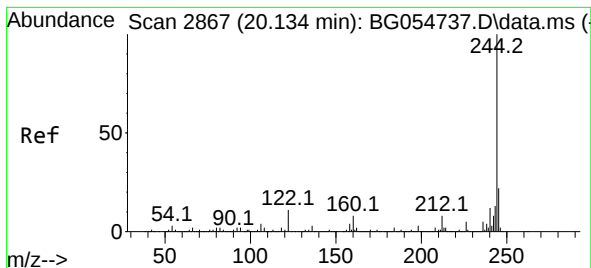
Tgt Ion:248 Resp: 8712
Ion Ratio Lower Upper
248 100
250 196.2 78.8 118.2#
141 463.8 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.827 min Scan# 3155
Delta R.T. -0.009 min
Lab File: BG054888.D
Acq: 8 Sep 2022 17:53

Tgt Ion:240 Resp: 243866
Ion Ratio Lower Upper
240 100
120 9.2 8.2 12.4
236 25.6 21.2 31.8





#79

Terphenyl-d14

Concen: 68.719 ng

RT: 20.129 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG054888.D

Acq: 8 Sep 2022 17:53

Instrument :

BNA_G

ClientSampleId :

SB-21-COMP

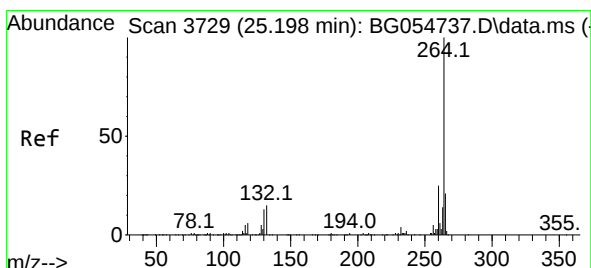
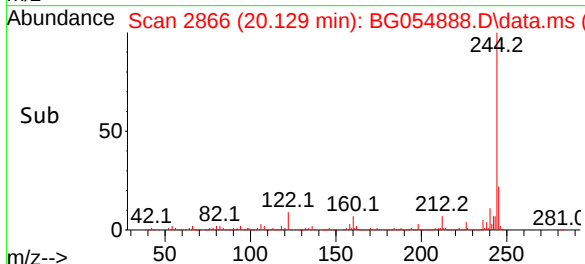
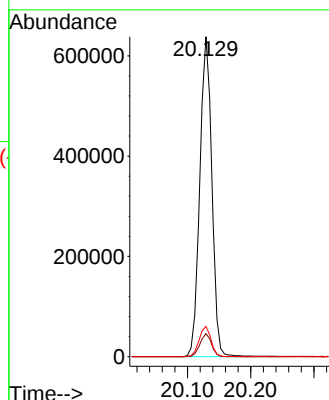
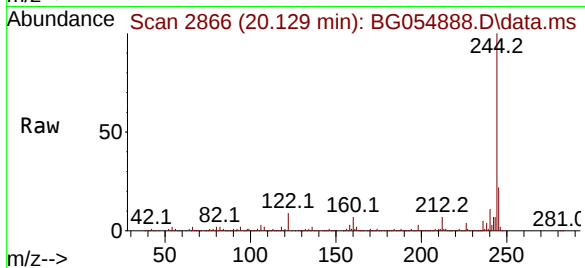
Tgt Ion:244 Resp: 845781

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

122 9.4 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.211 min Scan# 3731

Delta R.T. -0.009 min

Lab File: BG054888.D

Acq: 8 Sep 2022 17:53

Tgt Ion:264 Resp: 255116

Ion Ratio Lower Upper

264 100

260 24.3 19.9 29.9

265 21.3 16.9 25.3

