

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110121\
 Data File : BG050800.D
 Acq On : 1 Nov 2021 15:54
 Operator : CG/JU
 Sample : M4429-01 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-102921

Quant Time: Nov 01 16:30:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 01 12:35:42 2021
 Response via : Initial Calibration

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

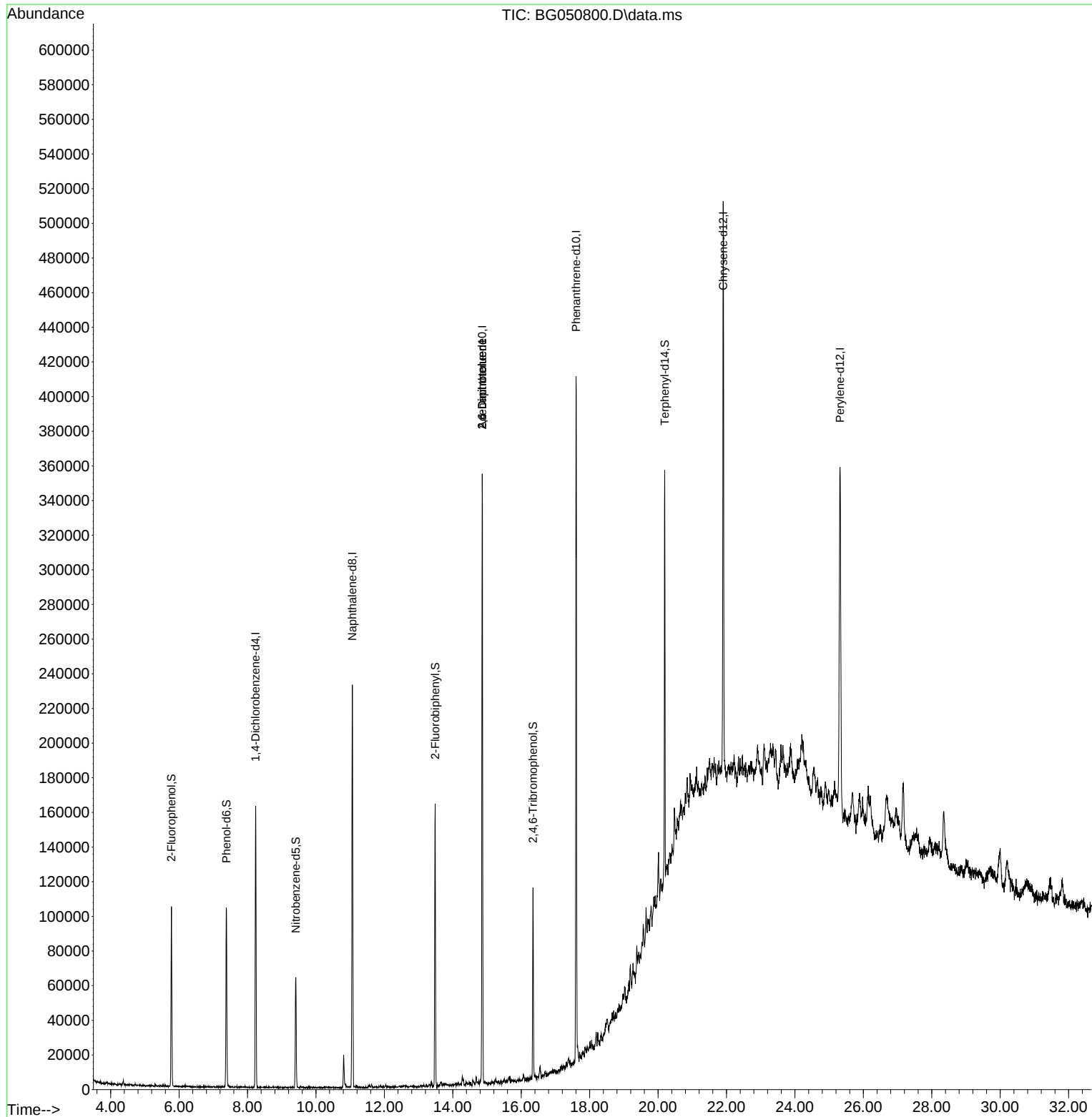
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.237	152	45466	20.000	ng	0.00
21) Naphthalene-d8	11.063	136	194376	20.000	ng	# 0.00
39) Acenaphthene-d10	14.859	164	124369	20.000	ng	0.00
64) Phenanthrene-d10	17.603	188	248014	20.000	ng	# 0.00
76) Chrysene-d12	21.903	240	199589	20.000	ng	# 0.00
86) Perylene-d12	25.317	264	200735	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.775	112	46224	15.205	ng	0.00
7) Phenol-d6	7.379	99	62452	14.189	ng	0.00
23) Nitrobenzene-d5	9.412	82	42187	8.984	ng	0.00
42) 2,4,6-Tribromophenol	16.345	330	16292	13.734	ng	0.00
45) 2-Fluorobiphenyl	13.484	172	83374	10.089	ng	0.00
79) Terphenyl-d14	20.194	244	112421	10.977	ng	0.00
Target Compounds						
9) Benzaldehyde	7.397	77	56	Below Cal	#	Qvalue 10
51) 2,6-Dinitrotoluene	14.859	165	16364	8.691	ng	# 11
57) 2,4-Dinitrotoluene	14.859	165	16364	6.166	ng	# 16

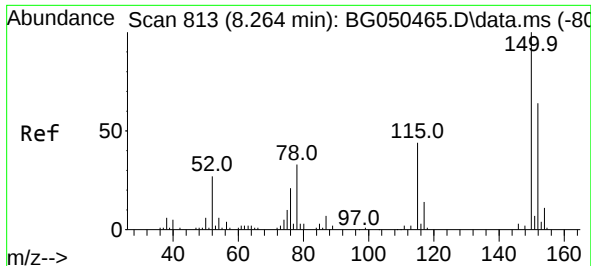
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110121\
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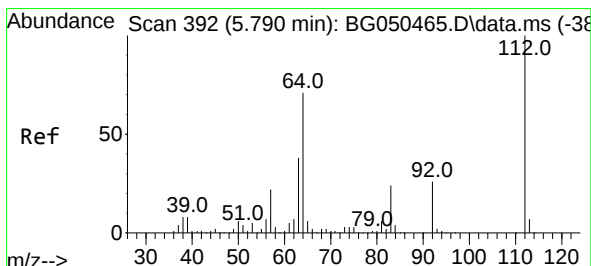
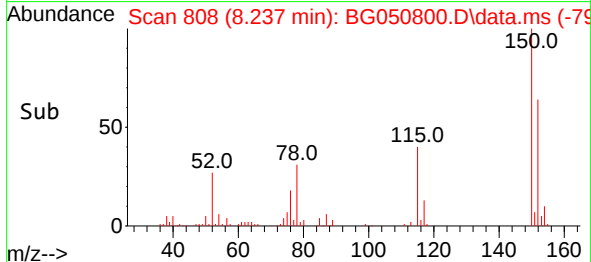
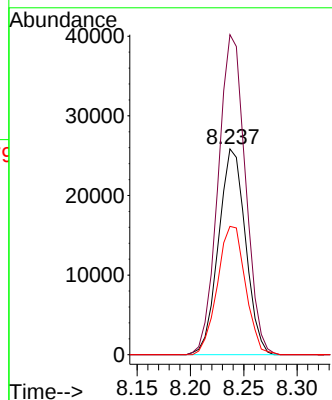
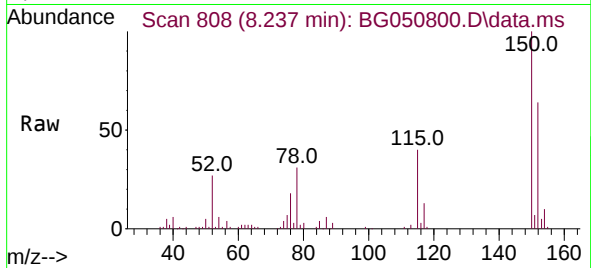




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.237 min Scan# 808
Delta R.T. -0.004 min
Lab File: BG050800.D
Acq: 1 Nov 2021 15:54

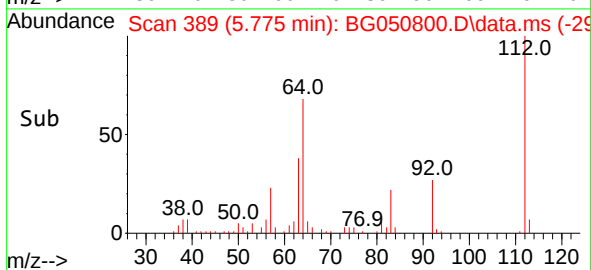
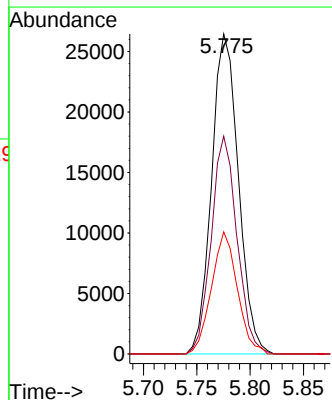
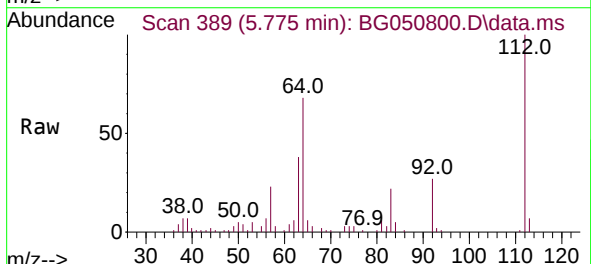
Instrument :
BNA_G
ClientSampleId :
OK-03-102921

Tgt Ion:152 Resp: 45466
Ion Ratio Lower Upper
152 100
150 155.6 119.4 179.0
115 62.4 60.2 90.4



#5
2-Fluorophenol
Concen: 15.205 ng
RT: 5.775 min Scan# 389
Delta R.T. 0.001 min
Lab File: BG050800.D
Acq: 1 Nov 2021 15:54

Tgt Ion:112 Resp: 46224
Ion Ratio Lower Upper
112 100
64 68.0 46.7 70.1
63 38.2 35.3 52.9

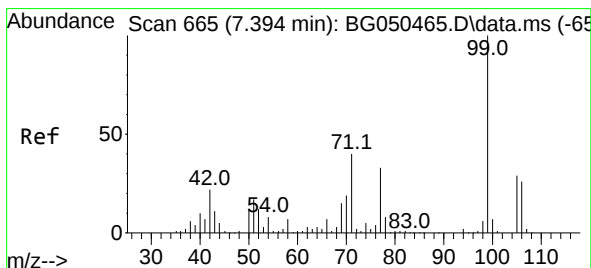
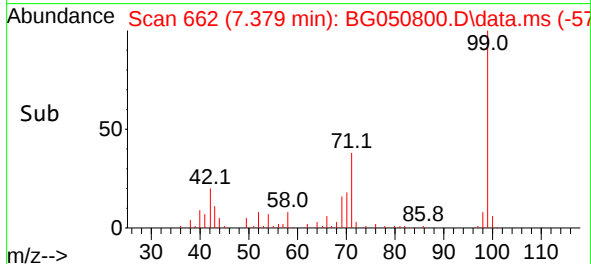
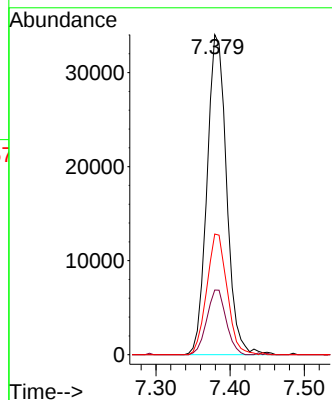
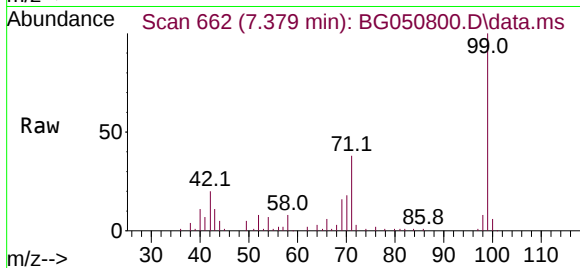




#7
Phenol-d6
Concen: 14.189 ng
RT: 7.379 min Scan# 60
Delta R.T. -0.004 min
Lab File: BG050800.D
Acq: 1 Nov 2021 15:54

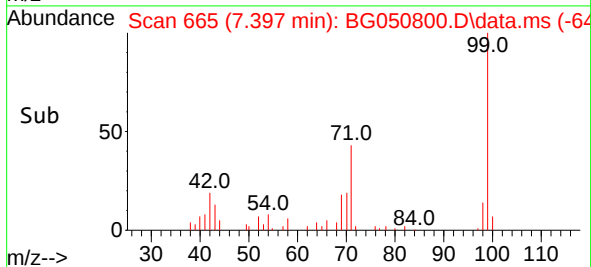
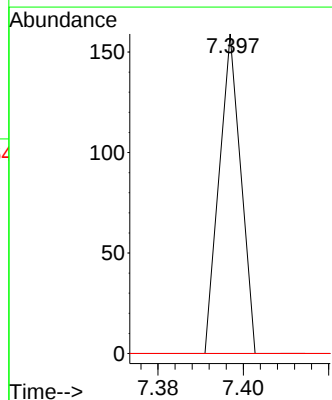
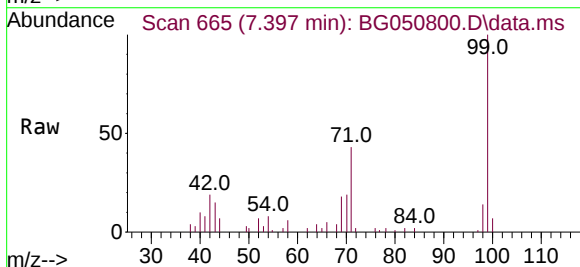
Instrument :
BNA_G
ClientSampleId :
OK-03-102921

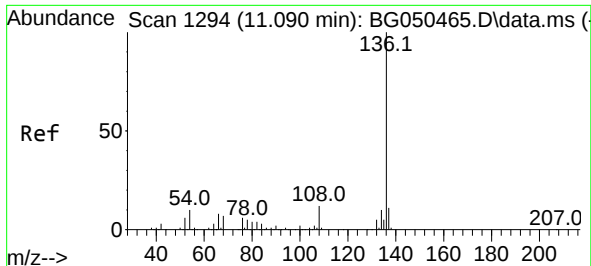
Tgt Ion: 99 Resp: 62452
Ion Ratio Lower Upper
99 100
42 20.2 20.5 30.7#
71 37.7 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.397 min Scan# 665
Delta R.T. 0.025 min
Lab File: BG050800.D
Acq: 1 Nov 2021 15:54

Tgt Ion: 77 Resp: 56
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

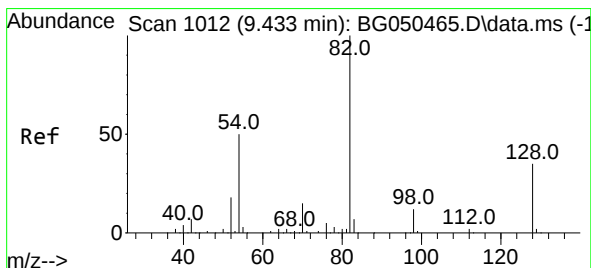
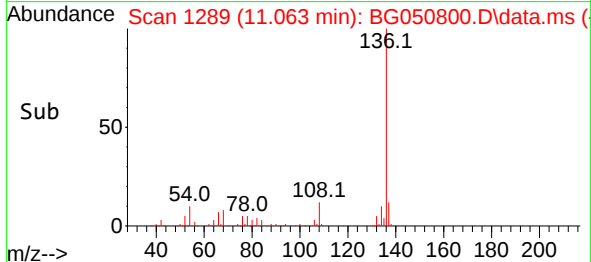
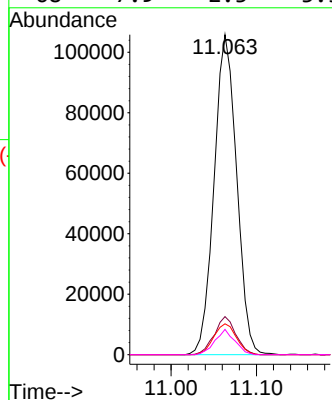
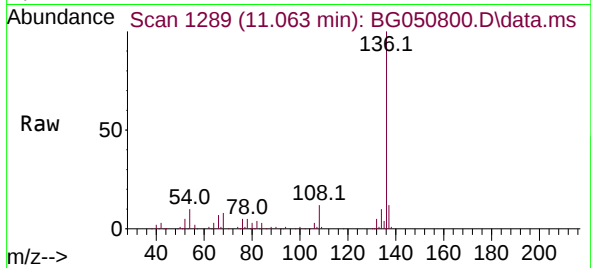




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.063 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG050800.D
Acq: 1 Nov 2021 15:54

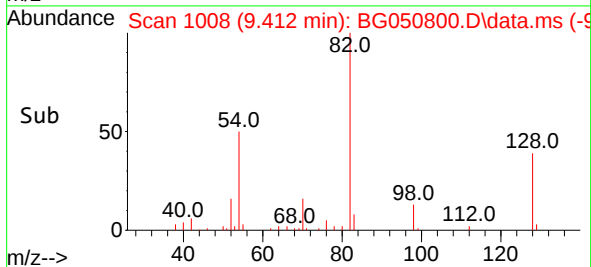
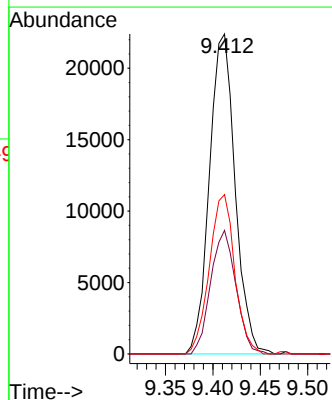
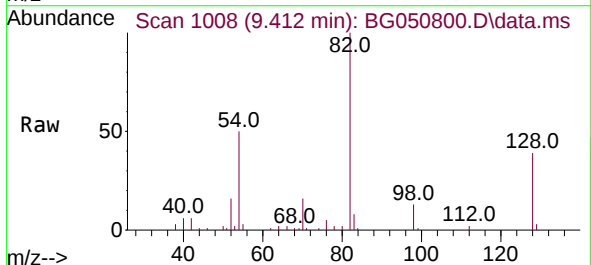
Instrument :
BNA_G
ClientSampleId :
OK-03-102921

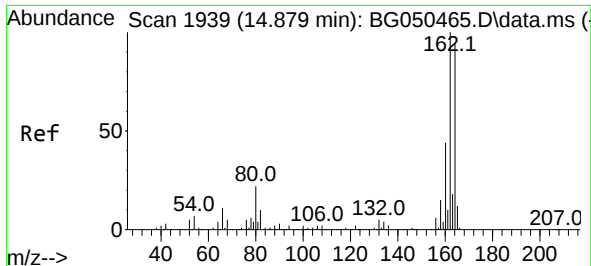
Tgt Ion:136 Resp: 194376
Ion Ratio Lower Upper
136 100
137 11.9 8.2 12.2
54 9.7 5.5 8.3#
68 7.9 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 8.984 ng
RT: 9.412 min Scan# 1008
Delta R.T. 0.001 min
Lab File: BG050800.D
Acq: 1 Nov 2021 15:54

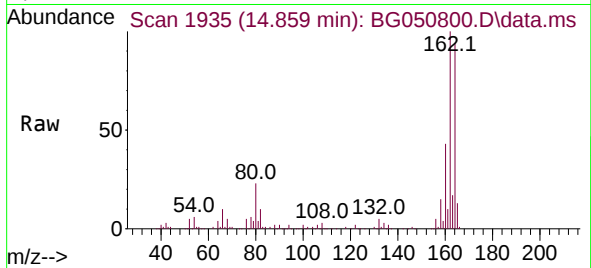
Tgt Ion: 82 Resp: 42187
Ion Ratio Lower Upper
82 100
128 38.6 29.8 44.6
54 49.8 45.8 68.8



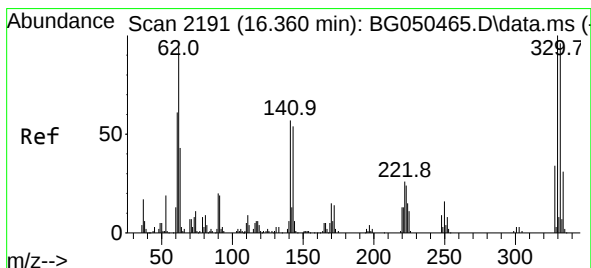
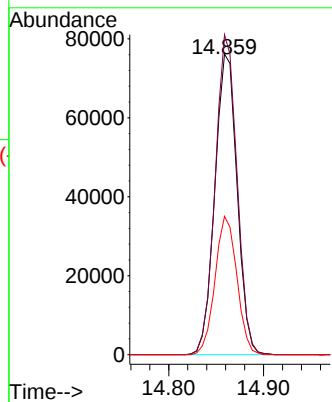
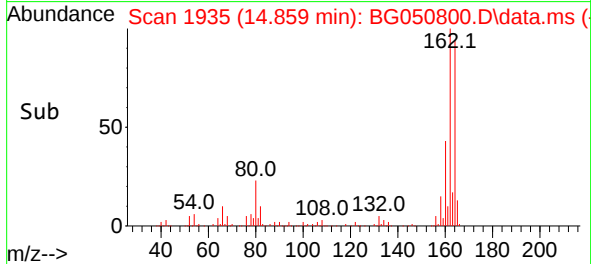


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.859 min Scan# 1935
Delta R.T. -0.004 min
Lab File: BG050800.D
Acq: 1 Nov 2021 15:54

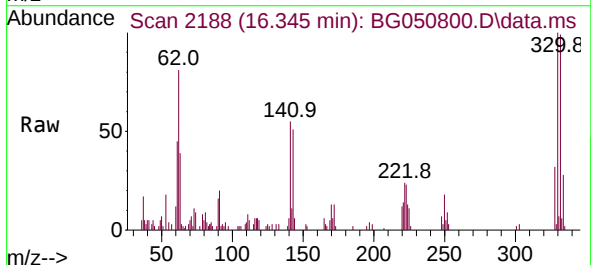
Instrument :
BNA_G
ClientSampleId :
OK-03-102921



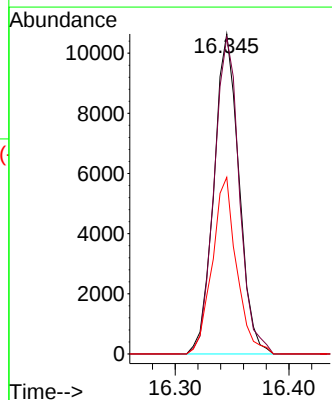
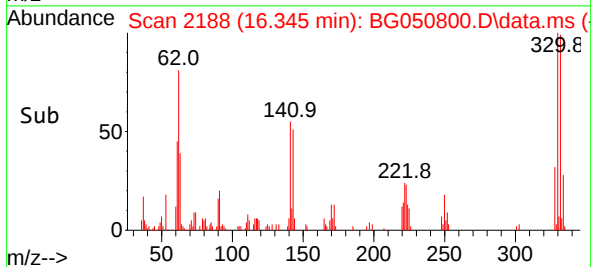
Tgt Ion:164 Resp: 124369
Ion Ratio Lower Upper
164 100
162 106.5 81.4 122.0
160 46.1 34.9 52.3

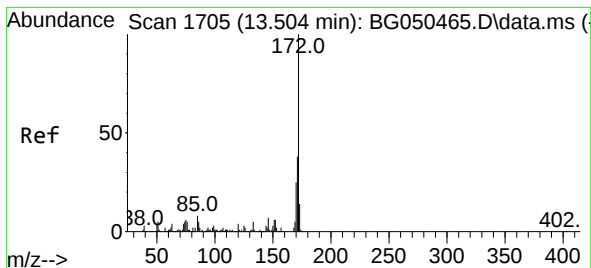


#42
2,4,6-Tribromophenol
Concen: 13.734 ng
RT: 16.345 min Scan# 2188
Delta R.T. -0.004 min
Lab File: BG050800.D
Acq: 1 Nov 2021 15:54



Tgt Ion:330 Resp: 16292
Ion Ratio Lower Upper
330 100
332 99.5 77.3 115.9
141 53.5 35.6 53.4#





#45

2-Fluorobiphenyl

Concen: 10.089 ng

RT: 13.484 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG050800.D

Acq: 1 Nov 2021 15:54

Instrument :

BNA_G

ClientSampleId :

OK-03-102921

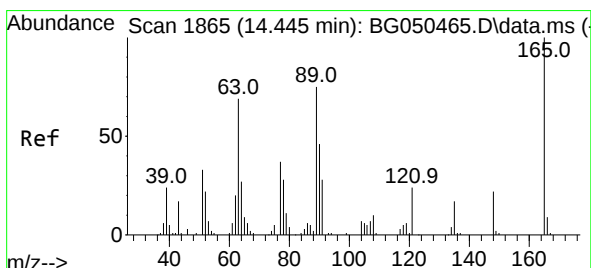
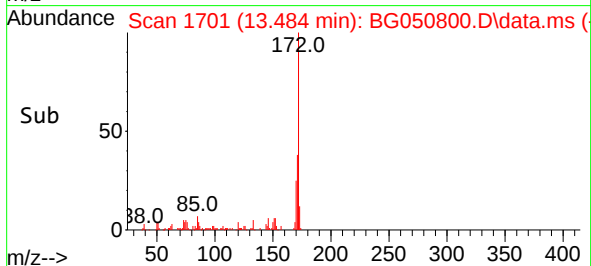
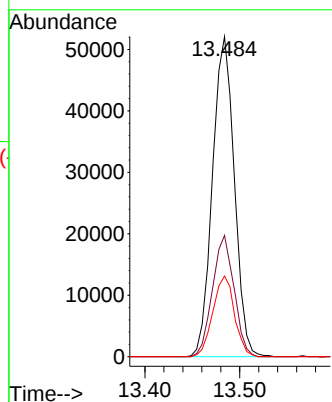
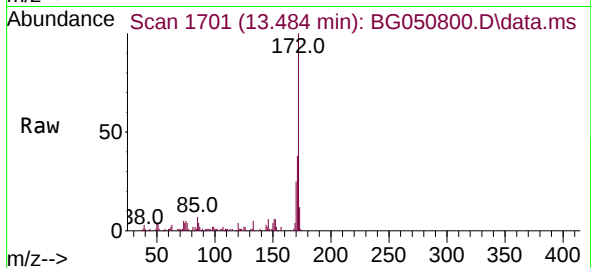
Tgt Ion:172 Resp: 83374

Ion Ratio Lower Upper

172 100

171 37.9 28.6 43.0

170 25.2 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 8.691 ng

RT: 14.859 min Scan# 1935

Delta R.T. 0.425 min

Lab File: BG050800.D

Acq: 1 Nov 2021 15:54

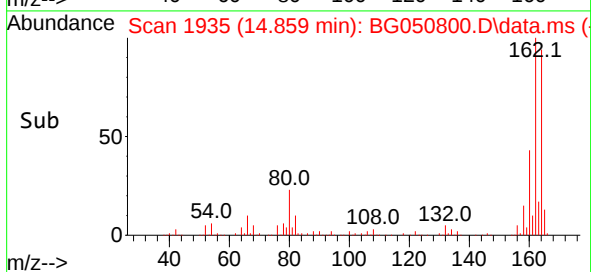
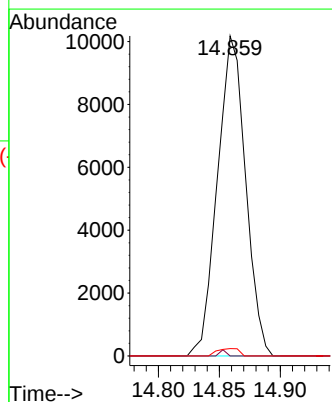
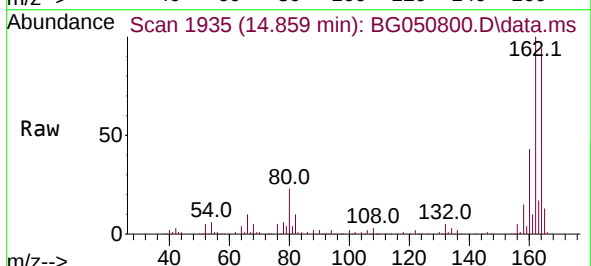
Tgt Ion:165 Resp: 16364

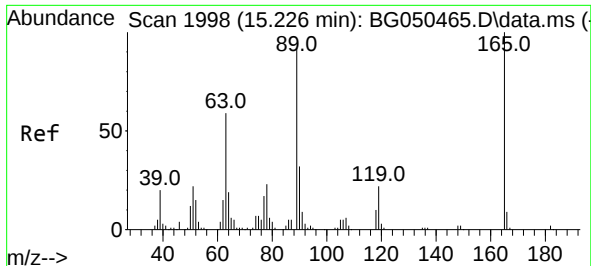
Ion Ratio Lower Upper

165 100

63 0.0 63.3 94.9#

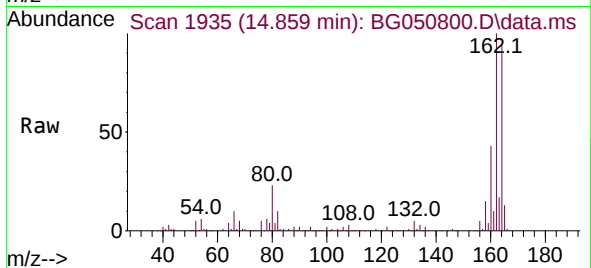
89 2.3 63.4 95.0#



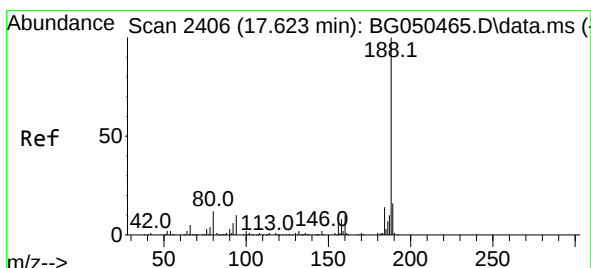
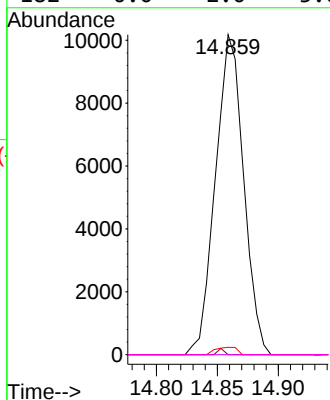
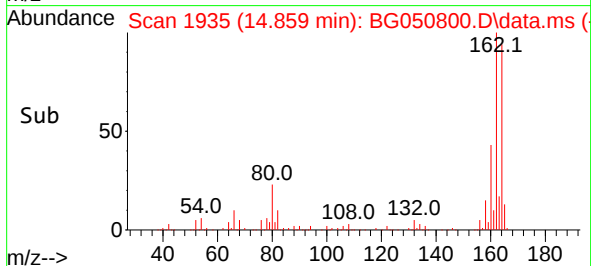


#57
2,4-Dinitrotoluene
Concen: 6.166 ng
RT: 14.859 min Scan# 1998
Delta R.T. -0.357 min
Lab File: BG050800.D
Acq: 1 Nov 2021 15:54

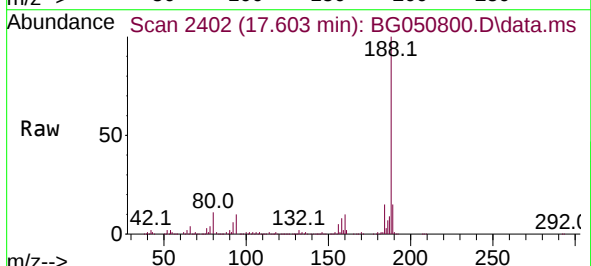
Instrument :
BNA_G
ClientSampleId :
OK-03-102921



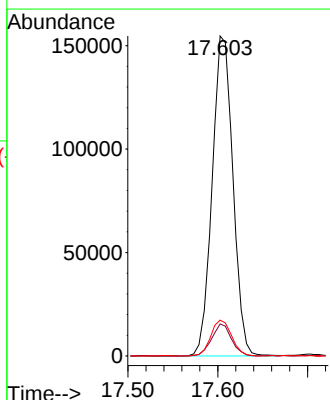
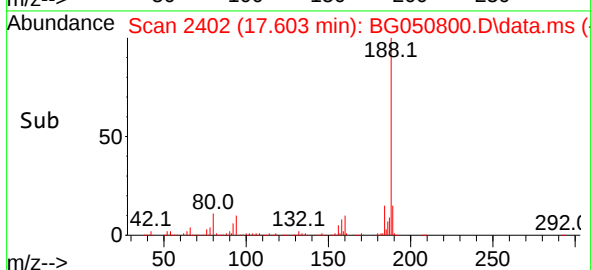
Tgt Ion:165 Resp: 16364
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.3 65.4 98.0#
182 0.0 2.0 3.0#

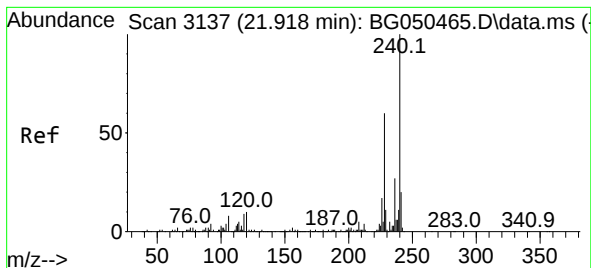


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.603 min Scan# 2402
Delta R.T. -0.004 min
Lab File: BG050800.D
Acq: 1 Nov 2021 15:54



Tgt Ion:188 Resp: 248014
Ion Ratio Lower Upper
188 100
94 10.0 5.4 8.0#
80 11.2 3.7 5.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.903 min Scan# 3137

Delta R.T. -0.004 min

Lab File: BG050800.D

Acq: 1 Nov 2021 15:54

Instrument :

BNA_G

ClientSampleId :

OK-03-102921

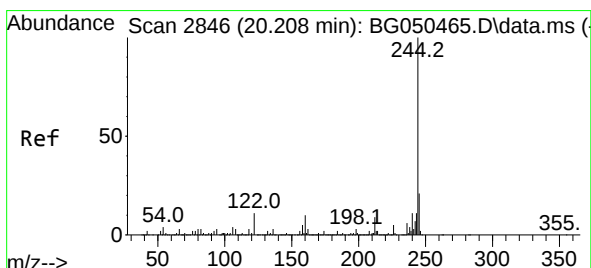
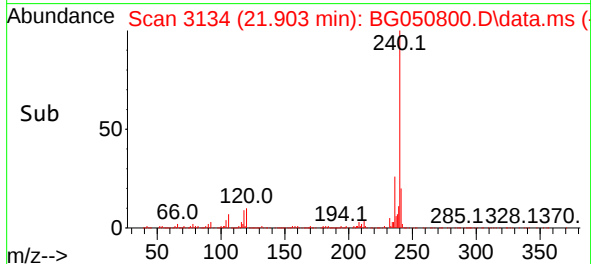
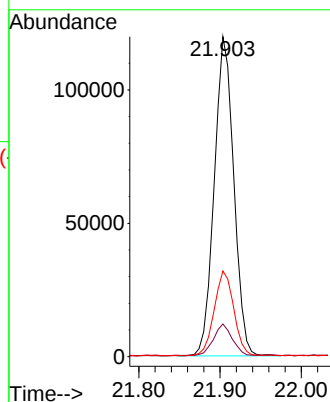
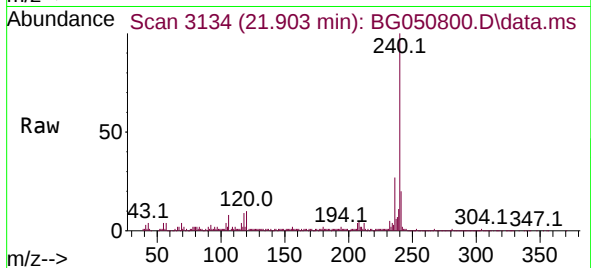
Tgt Ion:240 Resp: 199589

Ion Ratio Lower Upper

240 100

120 10.2 4.2 6.2#

236 26.7 21.8 32.6



#79

Terphenyl-d14

Concen: 10.977 ng

RT: 20.194 min Scan# 2843

Delta R.T. 0.001 min

Lab File: BG050800.D

Acq: 1 Nov 2021 15:54

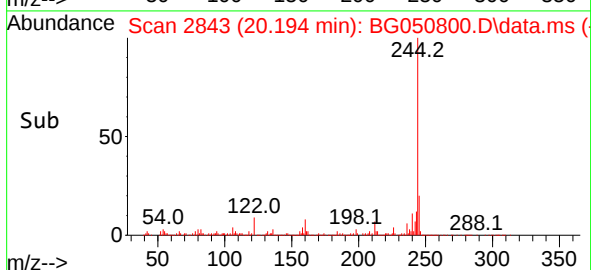
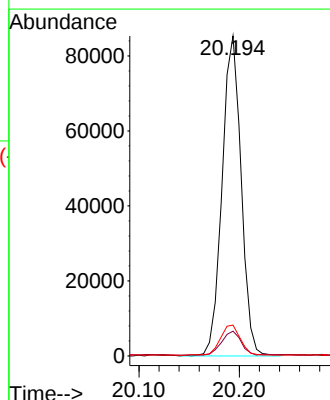
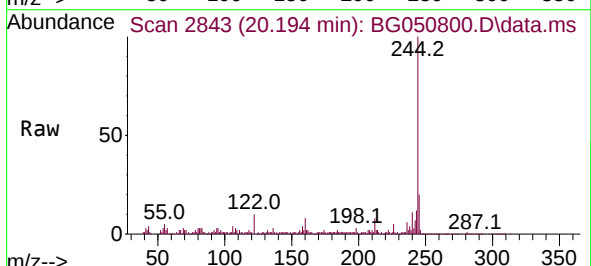
Tgt Ion:244 Resp: 112421

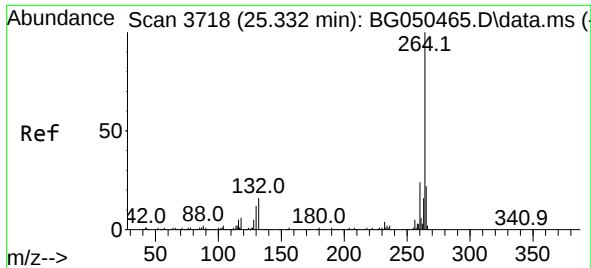
Ion Ratio Lower Upper

244 100

212 7.8 6.9 10.3

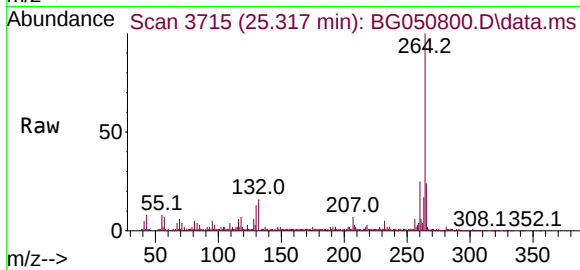
122 9.7 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.317 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: BG050800.D
 Acq: 1 Nov 2021 15:54

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-102921



Tgt Ion:264 Resp: 200735
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 24.1 16.9 25.3

