

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050222\
 Data File : BG053406.D
 Acq On : 2 May 2022 19:34
 Operator : CG/JU
 Sample : N2619-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB08-13-14-FT

Quant Time: May 03 06:43:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

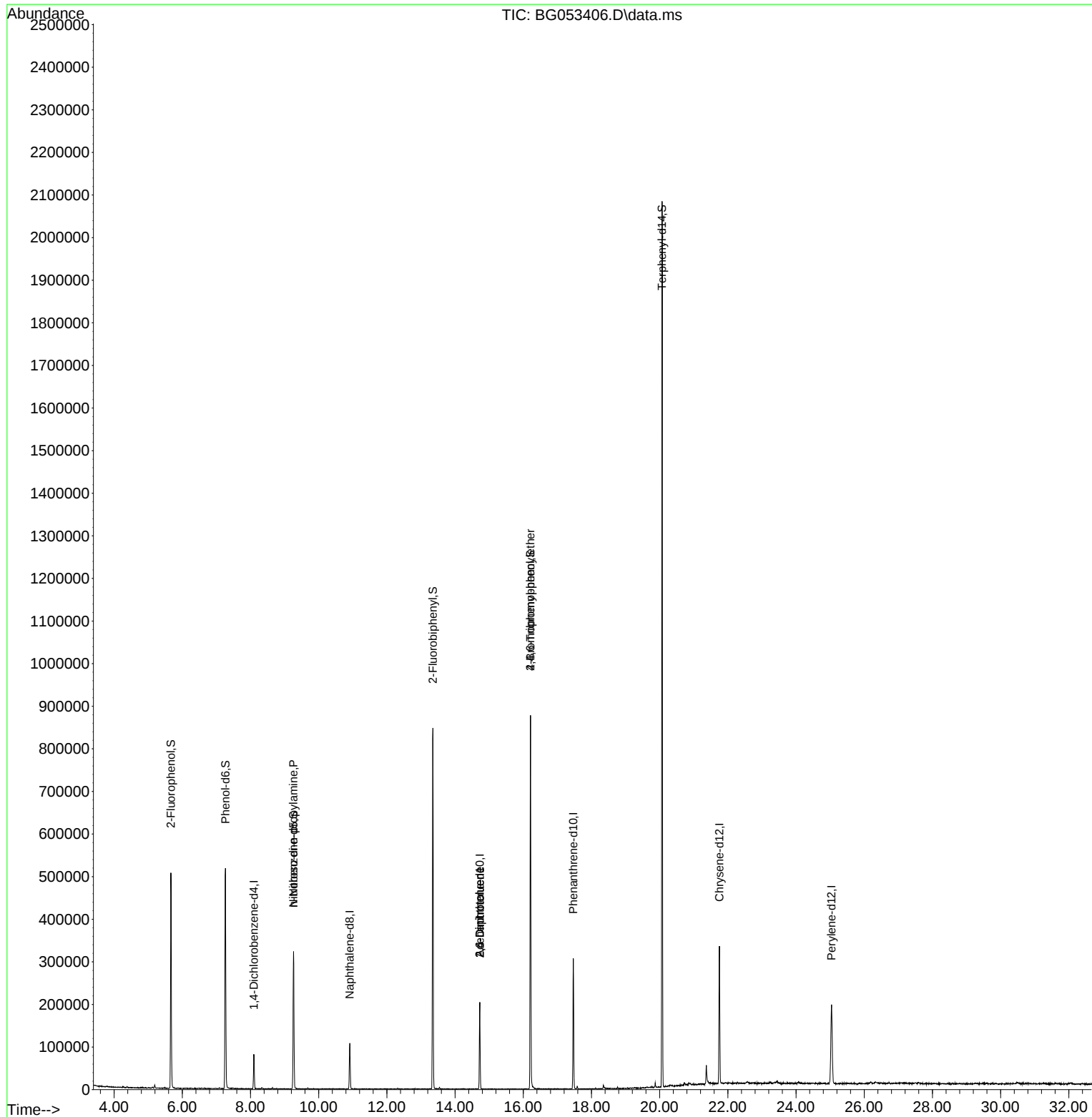
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	22592	20.000	ng	-0.01
21) Naphthalene-d8	10.913	136	89438	20.000	ng	# 0.00
39) Acenaphthene-d10	14.725	164	72764	20.000	ng	0.00
64) Phenanthrene-d10	17.468	188	197837	20.000	ng	-0.01
76) Chrysene-d12	21.751	240	212231	20.000	ng	-0.01
86) Perylene-d12	25.041	264	212127	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	206690	156.827	ng	0.00
7) Phenol-d6	7.265	99	302489	148.833	ng	0.00
23) Nitrobenzene-d5	9.262	82	207235	94.081	ng	-0.01
42) 2,4,6-Tribromophenol	16.211	330	180273	155.724	ng	-0.01
45) 2-Fluorobiphenyl	13.351	172	456742	86.554	ng	0.00
79) Terphenyl-d14	20.071	244	1056177	84.049	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.262	70	29659	19.933	ng	# 76
51) 2,6-Dinitrotoluene	14.725	165	9368	7.716	ng	# 24
57) 2,4-Dinitrotoluene	14.725	165	9368	5.420	ng	# 22
67) 4-Bromophenyl-phenylether	16.211	248	11334	4.471	ng	# 1

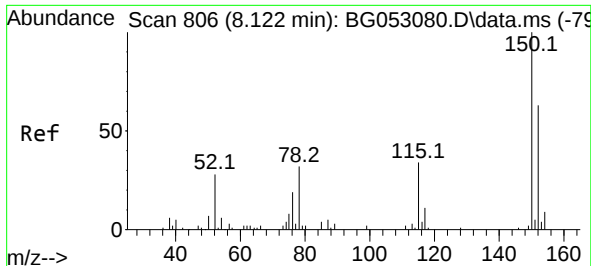
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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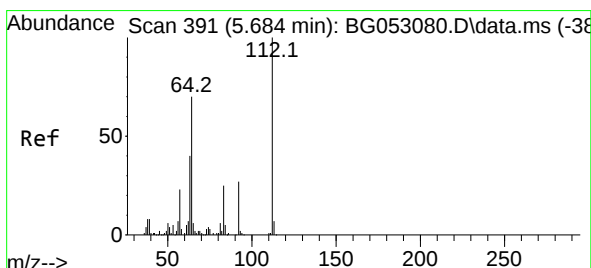
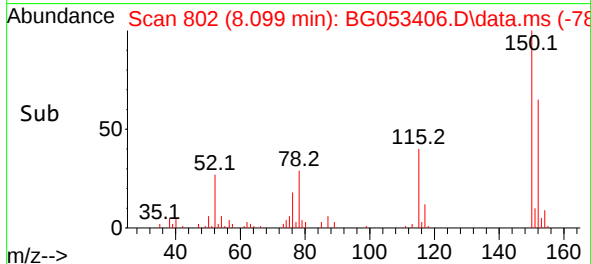
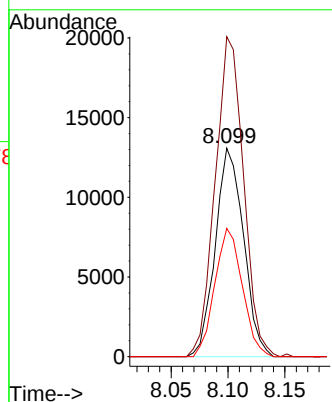
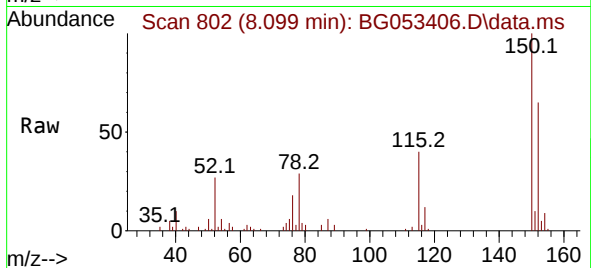




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.099 min Scan# 806
 Delta R.T. -0.014 min
 Lab File: BG053406.D
 Acq: 2 May 2022 19:34

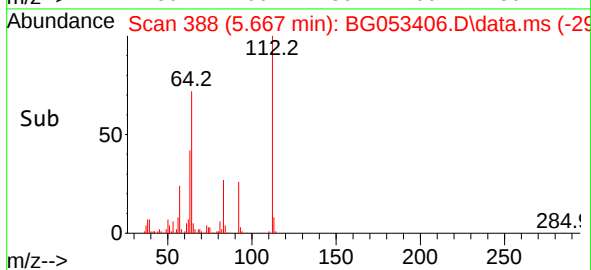
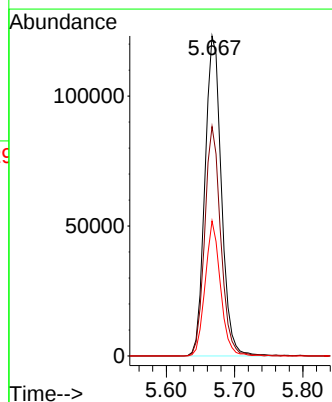
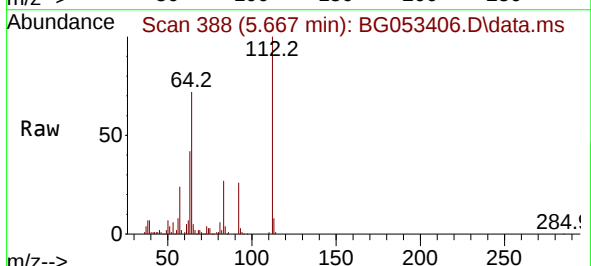
Instrument :
 BNA_G
 ClientSampleId :
 SB08-13-14-FT

Tgt Ion:152 Resp: 22592
 Ion Ratio Lower Upper
 152 100
 150 153.5 114.6 172.0
 115 61.5 45.9 68.9



#5
 2-Fluorophenol
 Concen: 156.827 ng
 RT: 5.667 min Scan# 388
 Delta R.T. -0.009 min
 Lab File: BG053406.D
 Acq: 2 May 2022 19:34

Tgt Ion:112 Resp: 206690
 Ion Ratio Lower Upper
 112 100
 64 71.7 48.0 72.0
 63 42.2 26.5 39.7#

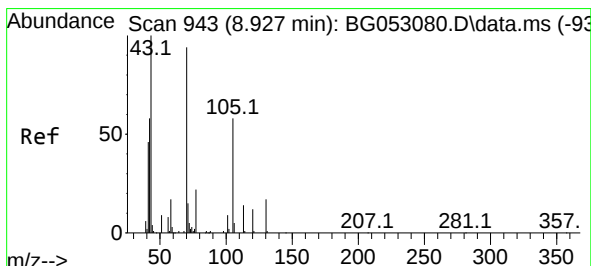
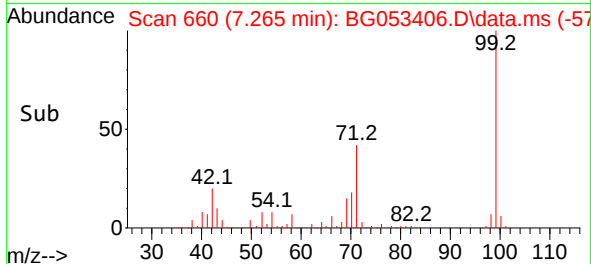
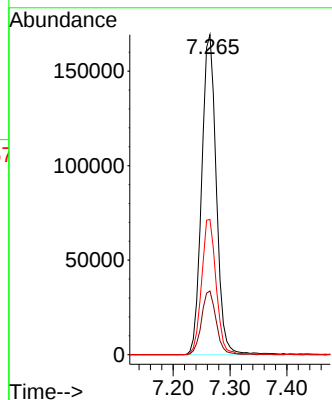
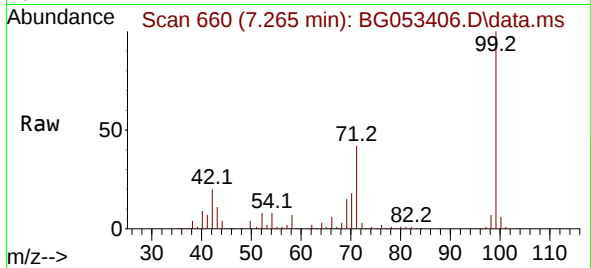




#7
Phenol-d6
Concen: 148.833 ng
RT: 7.265 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053406.D
Acq: 2 May 2022 19:34

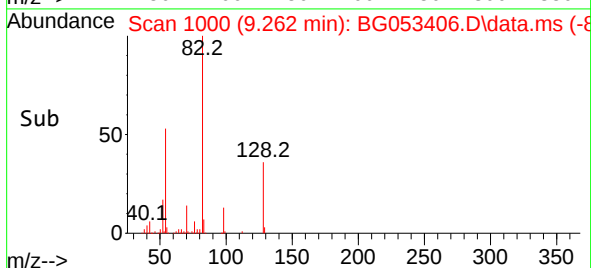
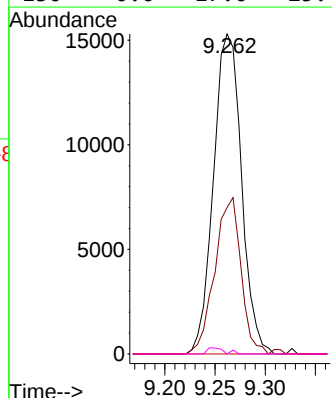
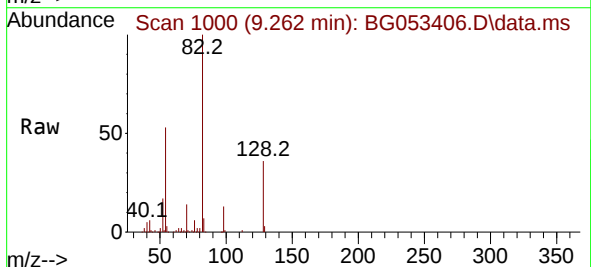
Instrument :
BNA_G
ClientSampleId :
SB08-13-14-FT

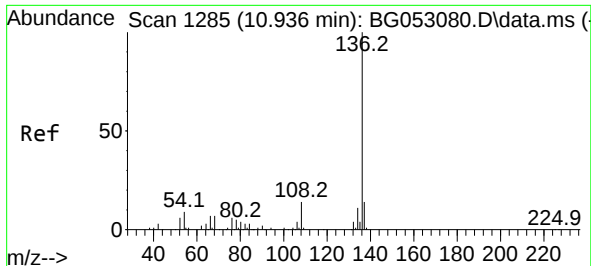
Tgt Ion: 99 Resp: 302489
Ion Ratio Lower Upper
99 100
42 19.9 14.7 22.1
71 42.2 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.933 ng
RT: 9.262 min Scan# 1000
Delta R.T. 0.350 min
Lab File: BG053406.D
Acq: 2 May 2022 19:34

Tgt Ion: 70 Resp: 29659
Ion Ratio Lower Upper
70 100
42 45.8 46.0 69.0#
101 0.0 6.2 9.4#
130 0.0 17.0 25.4#

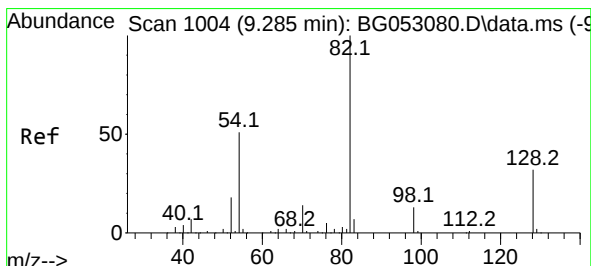
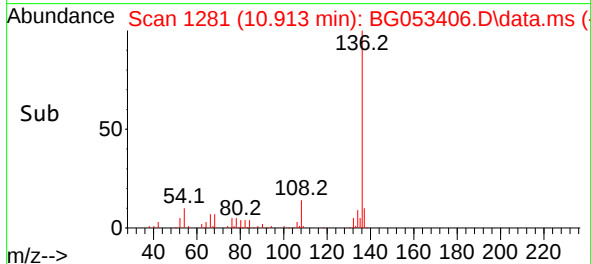
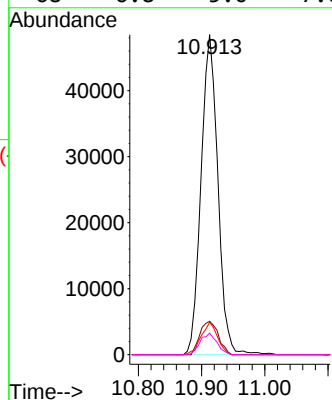
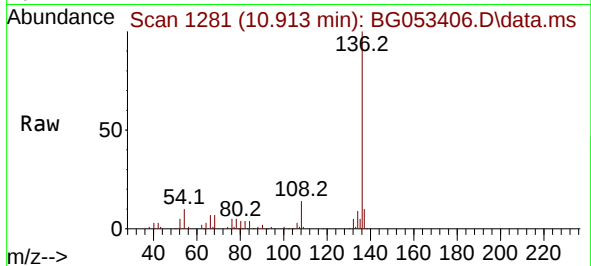




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 1000
Delta R.T. -0.009 min
Lab File: BG053406.D
Acq: 2 May 2022 19:34

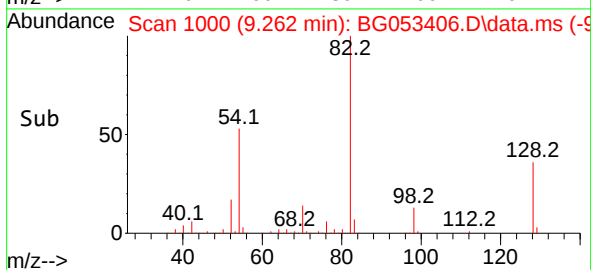
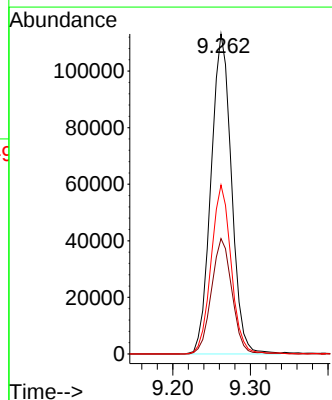
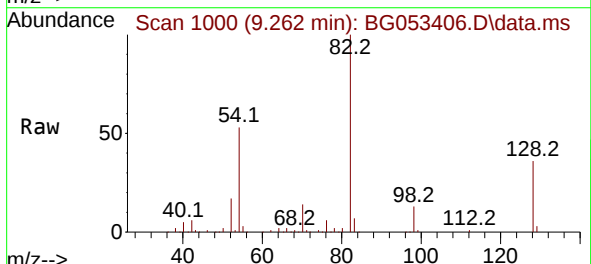
Instrument :
BNA_G
ClientSampleId :
SB08-13-14-FT

Tgt Ion:136	Resp:	89438
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.4 14.2
54	10.1	6.4 9.6#
68	6.8	5.0 7.6



#23
Nitrobenzene-d5
Concen: 94.081 ng
RT: 9.262 min Scan# 1000
Delta R.T. -0.015 min
Lab File: BG053406.D
Acq: 2 May 2022 19:34

Tgt Ion: 82	Resp:	207235
Ion Ratio	Lower	Upper
82	100	
128	36.1	31.3 46.9
54	52.8	37.8 56.8

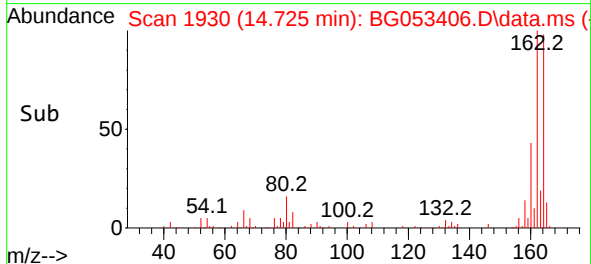
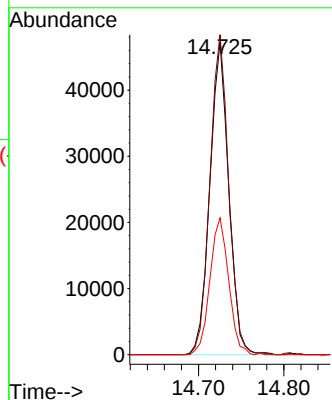
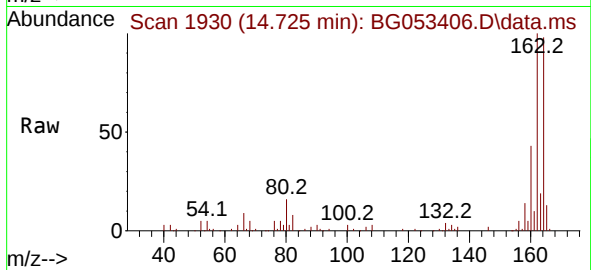




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.725 min Scan# 1930
 Delta R.T. -0.009 min
 Lab File: BG053406.D
 Acq: 2 May 2022 19:34

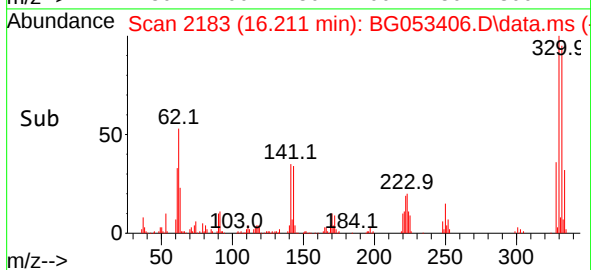
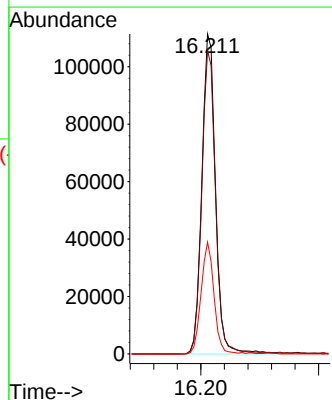
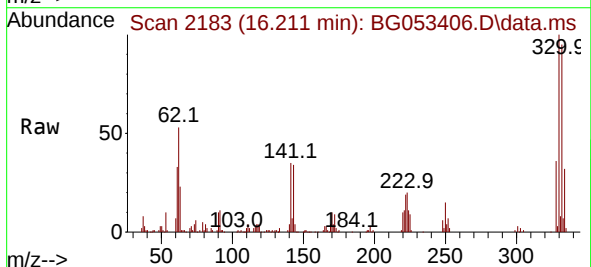
Instrument :
 BNA_G
 ClientSampleId :
 SB08-13-14-FT

Tgt Ion:164 Resp: 72764
 Ion Ratio Lower Upper
 164 100
 162 102.4 80.0 120.0
 160 43.8 38.8 58.2



#42
 2,4,6-Tribromophenol
 Concen: 155.724 ng
 RT: 16.211 min Scan# 2183
 Delta R.T. -0.015 min
 Lab File: BG053406.D
 Acq: 2 May 2022 19:34

Tgt Ion:330 Resp: 180273
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.8 113.6
 141 32.8 24.6 36.8

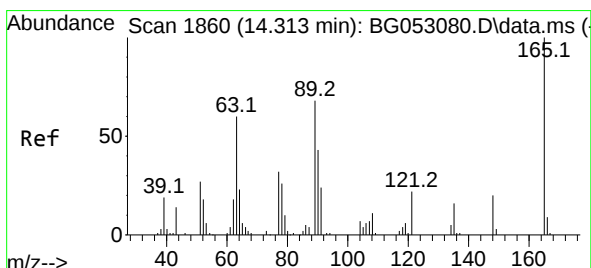
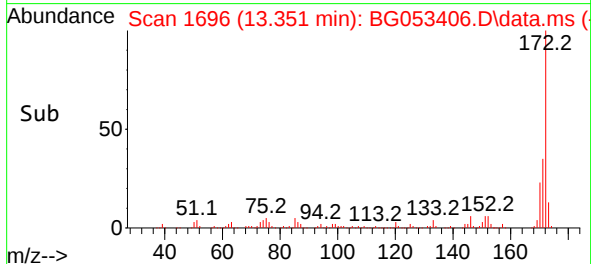
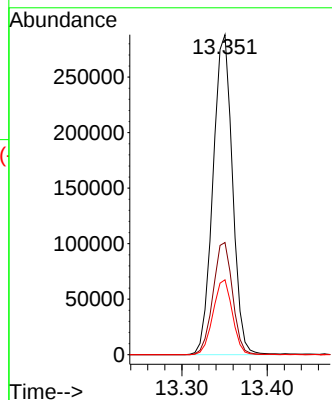
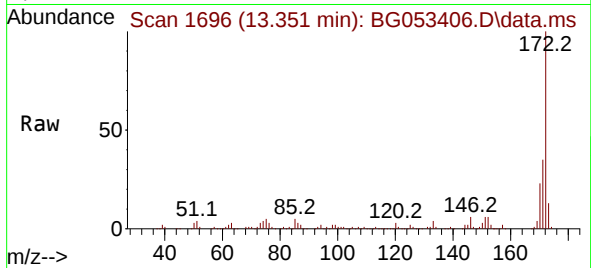




#45
2-Fluorobiphenyl
Concen: 86.554 ng
RT: 13.351 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053406.D
Acq: 2 May 2022 19:34

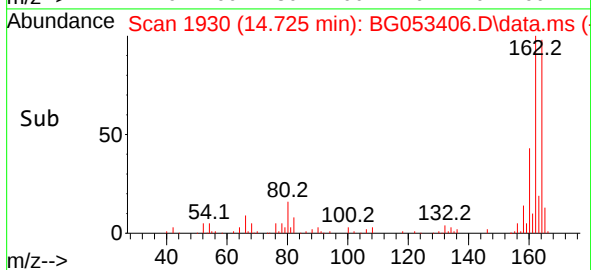
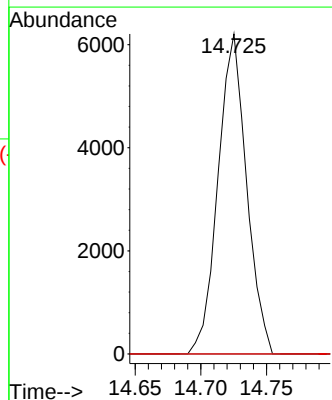
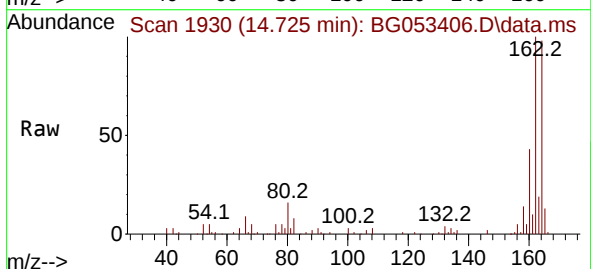
Instrument :
BNA_G
ClientSampleId :
SB08-13-14-FT

Tgt Ion:172 Resp: 456742
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.4 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.716 ng
RT: 14.725 min Scan# 1930
Delta R.T. 0.420 min
Lab File: BG053406.D
Acq: 2 May 2022 19:34

Tgt Ion:165 Resp: 9368
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: 5.420 ng

RT: 14.725 min Scan# 1994

Delta R.T. -0.367 min

Lab File: BG053406.D

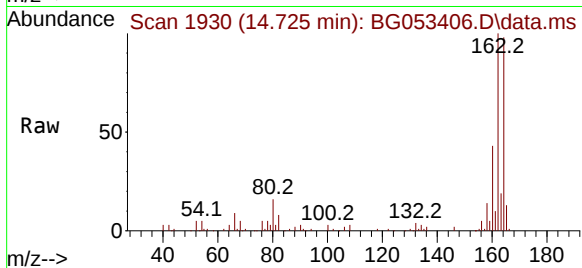
Acq: 2 May 2022 19:34

Instrument :

BNA_G

ClientSampleId :

SB08-13-14-FT



Tgt Ion:165 Resp: 9368

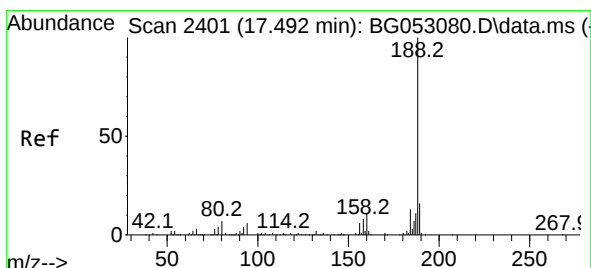
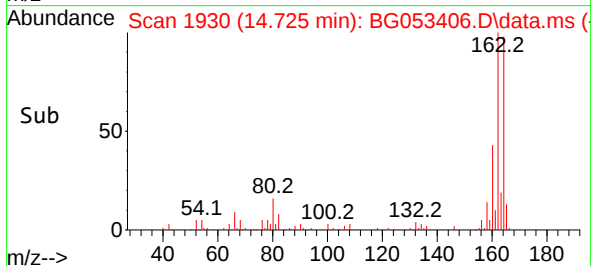
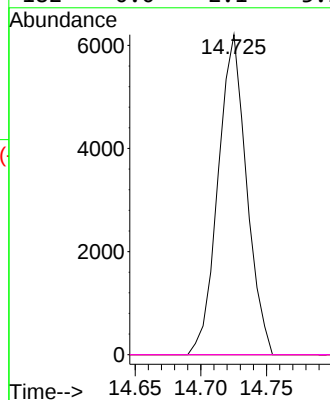
Ion Ratio Lower Upper

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: 17.468 min Scan# 2397

Delta R.T. -0.015 min

Lab File: BG053406.D

Acq: 2 May 2022 19:34

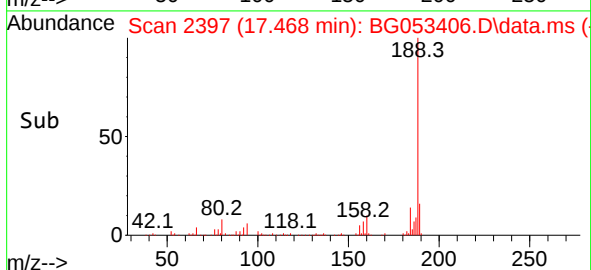
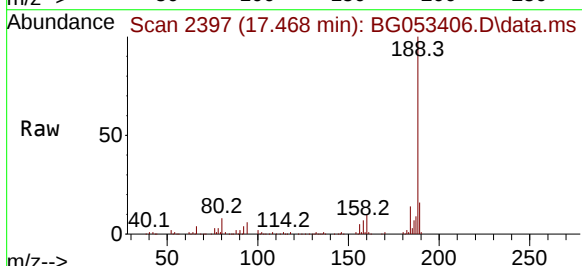
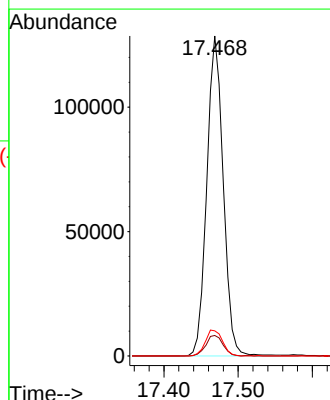
Tgt Ion:188 Resp: 197837

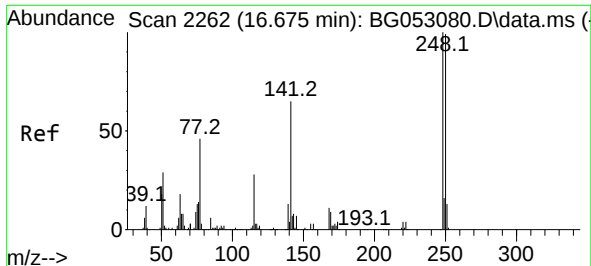
Ion Ratio Lower Upper

188 100

94 6.4 5.7 8.5

80 7.9 7.2 10.8

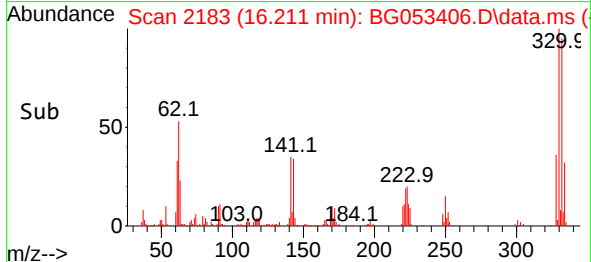
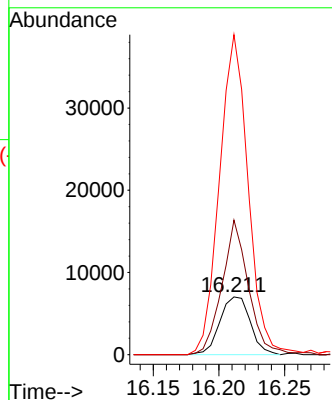
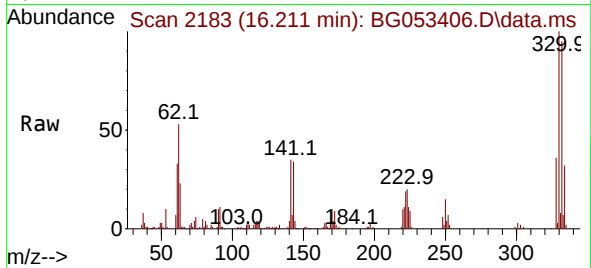




#67
4-Bromophenyl-phenylether
Concen: 4.471 ng
RT: 16.211 min Scan# 2113
Delta R.T. -0.449 min
Lab File: BG053406.D
Acq: 2 May 2022 19:34

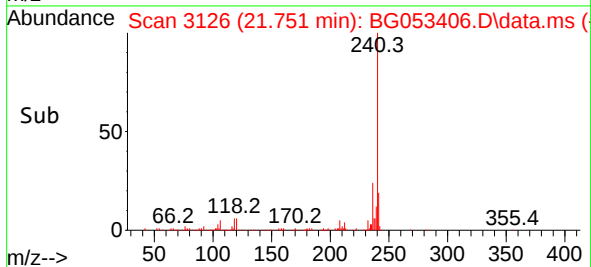
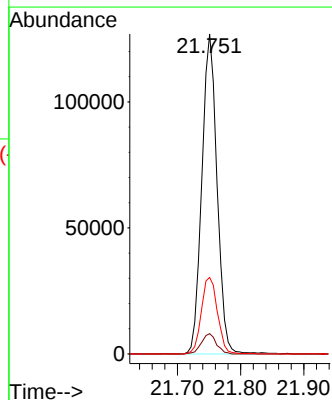
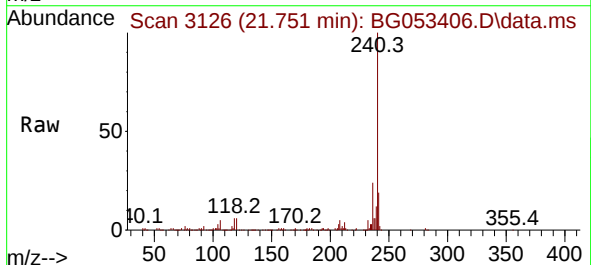
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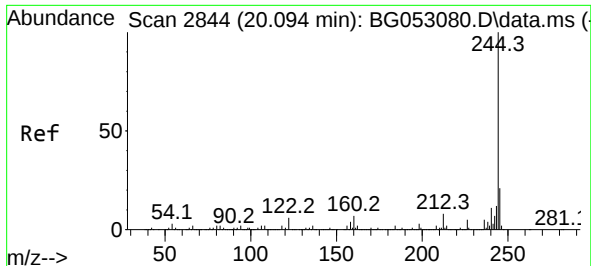
Tgt Ion:248 Resp: 11334
Ion Ratio Lower Upper
248 100
250 232.9 77.9 116.9#
141 553.6 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.751 min Scan# 3126
Delta R.T. -0.015 min
Lab File: BG053406.D
Acq: 2 May 2022 19:34

Tgt Ion:240 Resp: 212231
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.0
236 23.9 19.8 29.6

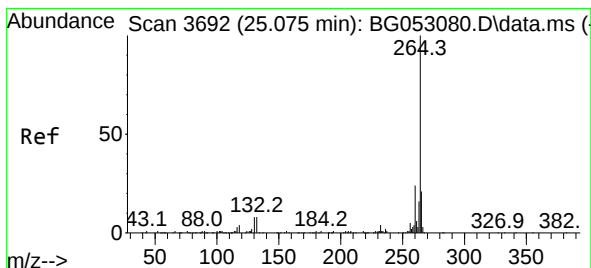
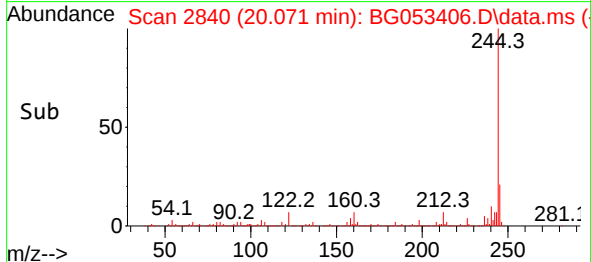
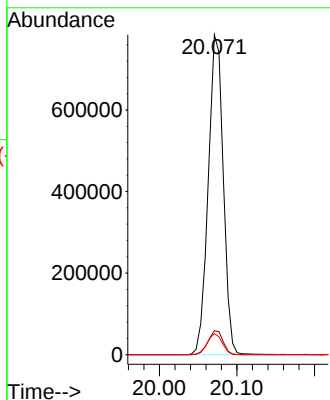
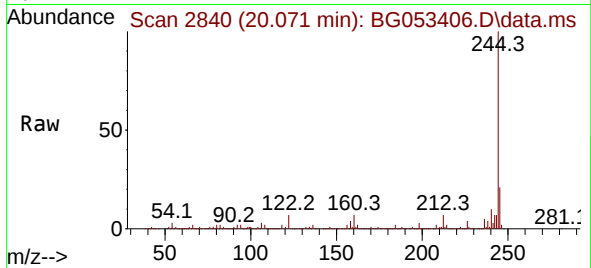




#79
 Terphenyl-d14
 Concen: 84.049 ng
 RT: 20.071 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG053406.D
 Acq: 2 May 2022 19:34

Instrument :
 BNA_G
 ClientSampleId :
 SB08-13-14-FT

Tgt Ion:244 Resp: 1056177
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 6.6 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.041 min Scan# 3686
 Delta R.T. -0.021 min
 Lab File: BG053406.D
 Acq: 2 May 2022 19:34

Tgt Ion:264 Resp: 212127
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.2 27.2
 265 22.2 15.1 22.7

