

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092122\
 Data File : BG055001.D
 Acq On : 21 Sep 2022 20:04
 Operator : CG/JU
 Sample : N4723-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-26-COMP

Quant Time: Sep 22 04:44:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

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

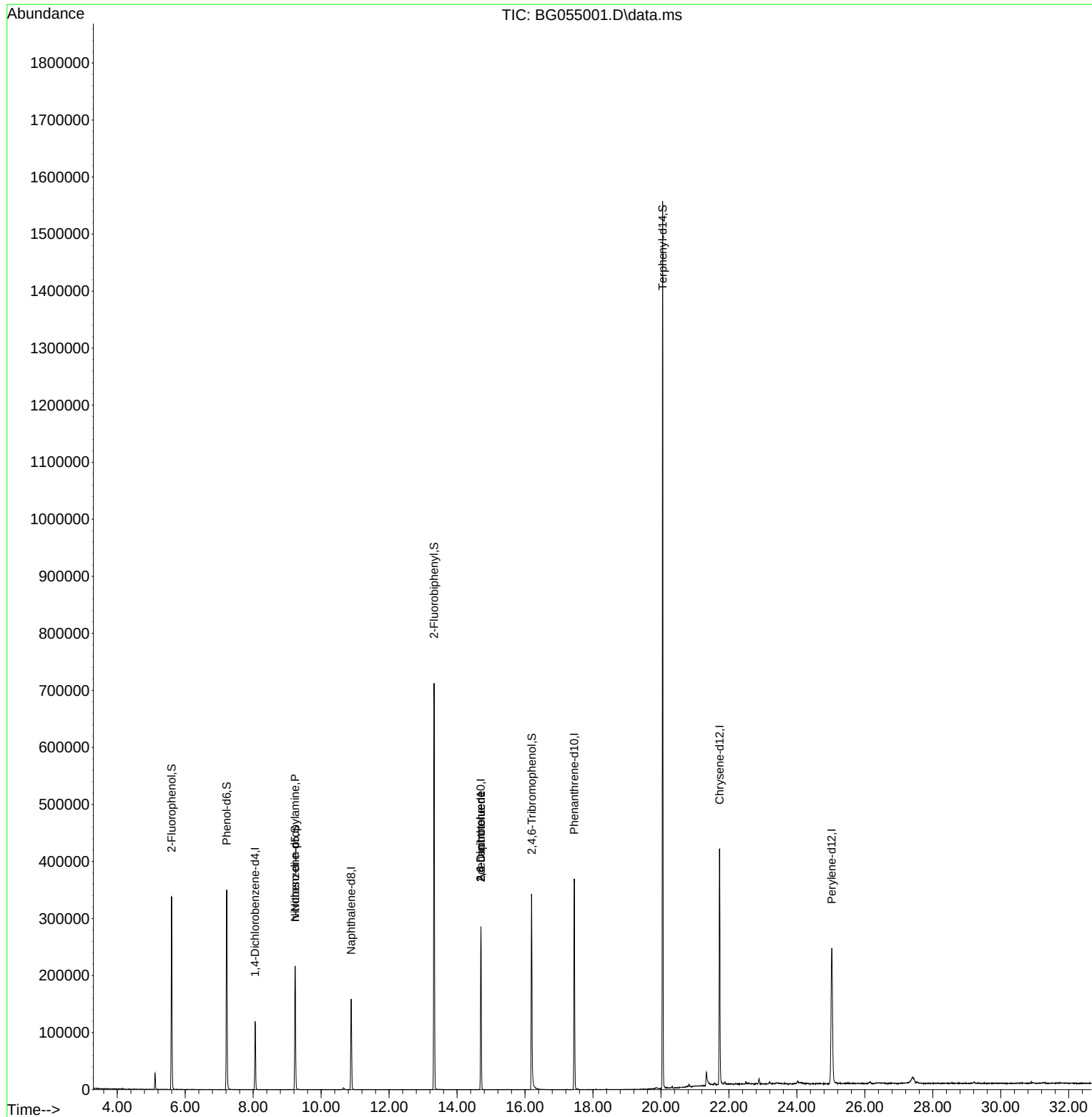
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	37804	20.000	ng	0.00
21) Naphthalene-d8	10.882	136	151756	20.000	ng	# 0.00
39) Acenaphthene-d10	14.701	164	106513	20.000	ng	0.00
64) Phenanthrene-d10	17.445	188	259596	20.000	ng	0.00
76) Chrysene-d12	21.723	240	269809	20.000	ng	-0.01
86) Perylene-d12	25.025	264	283778	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.600	112	176171	91.184	ng	0.00
7) Phenol-d6	7.222	99	243121	93.881	ng	0.00
23) Nitrobenzene-d5	9.237	82	144286	55.109	ng	0.00
42) 2,4,6-Tribromophenol	16.194	330	94239	75.524	ng	0.00
45) 2-Fluorobiphenyl	13.321	172	406538	60.152	ng	0.00
79) Terphenyl-d14	20.048	244	800658	62.075	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.231	70	17760	9.964	ng	# 76
51) 2,6-Dinitrotoluene	14.701	165	13794	8.044	ng	# 22
57) 2,4-Dinitrotoluene	14.701	165	13794	5.655	ng	# 19

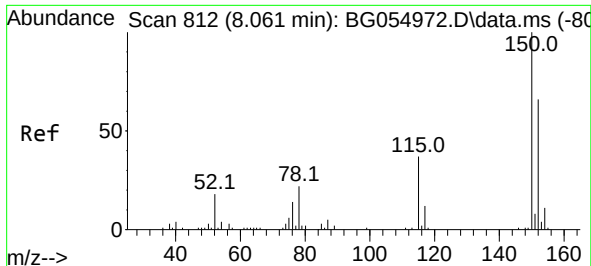
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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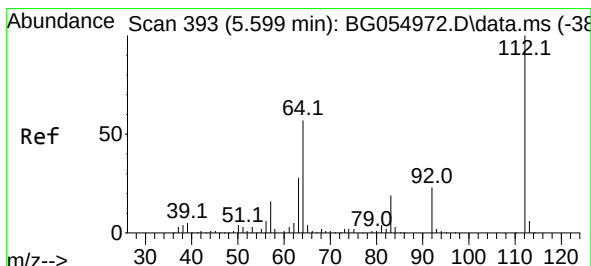
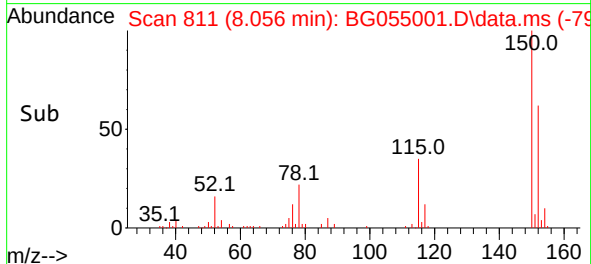
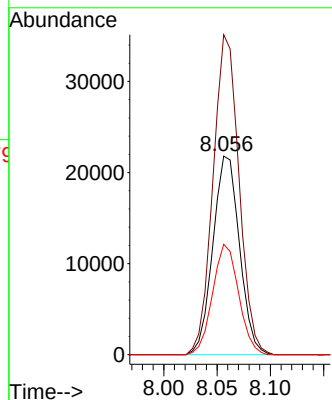
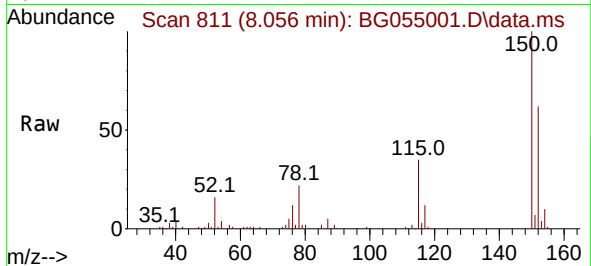




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.056 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG055001.D
Acq: 21 Sep 2022 20:04

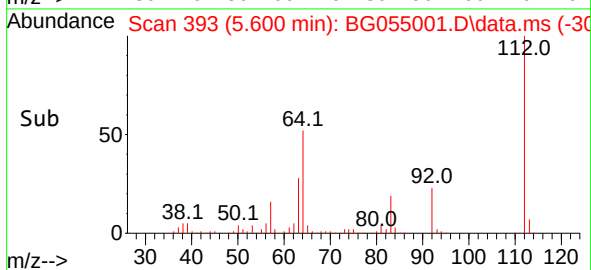
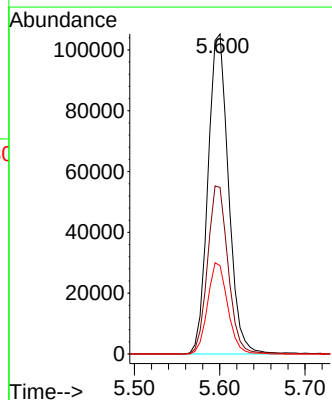
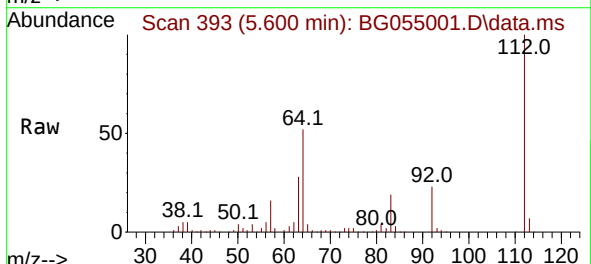
Instrument :
BNA_G
ClientSampleId :
SB-26-COMP

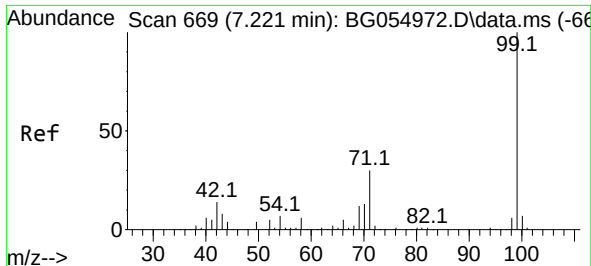
Tgt Ion:152 Resp: 37804
Ion Ratio Lower Upper
152 100
150 161.2 125.2 187.8
115 55.6 47.9 71.9



#5
2-Fluorophenol
Concen: 91.184 ng
RT: 5.600 min Scan# 393
Delta R.T. 0.001 min
Lab File: BG055001.D
Acq: 21 Sep 2022 20:04

Tgt Ion:112 Resp: 176171
Ion Ratio Lower Upper
112 100
64 52.0 49.3 73.9
63 27.6 26.3 39.5

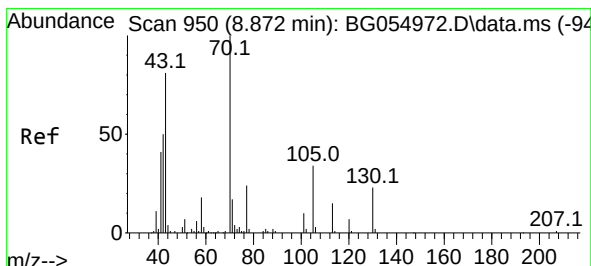
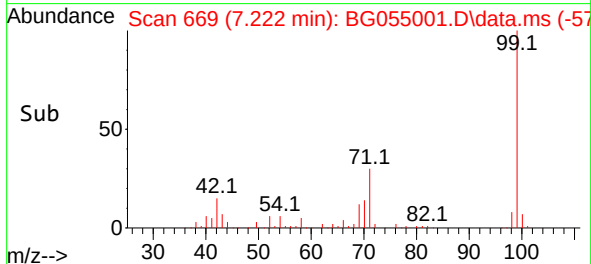
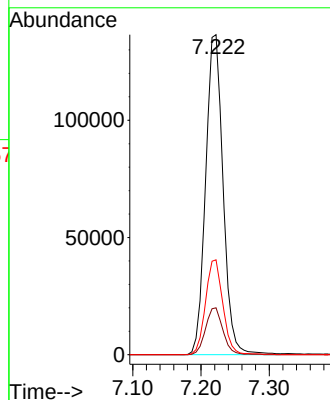
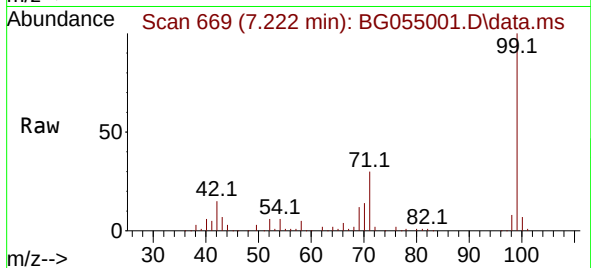




#7
Phenol-d6
Concen: 93.881 ng
RT: 7.222 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG055001.D
Acq: 21 Sep 2022 20:04

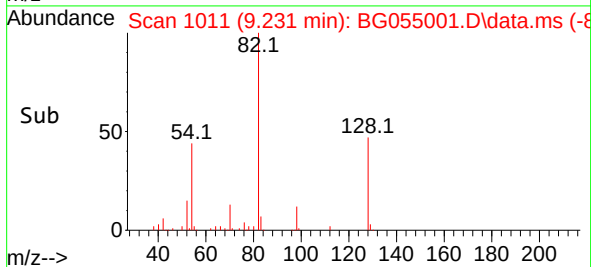
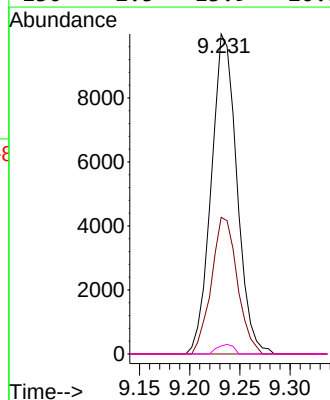
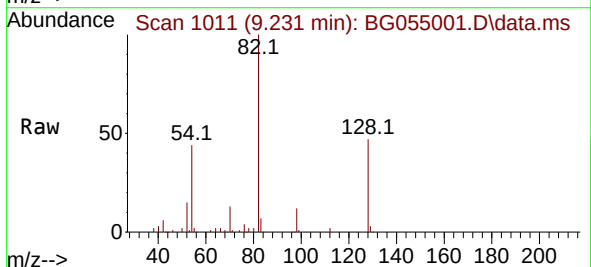
Instrument :
BNA_G
ClientSampleId :
SB-26-COMP

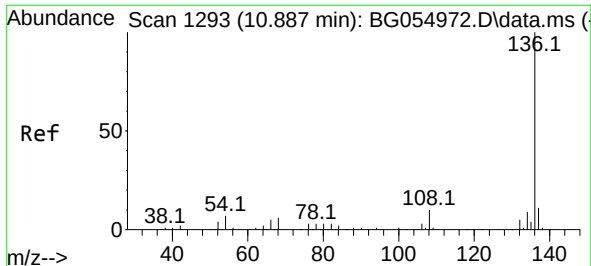
Tgt Ion: 99 Resp: 243121
Ion Ratio Lower Upper
99 100
42 14.7 14.6 22.0
71 29.7 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 9.964 ng
RT: 9.231 min Scan# 1011
Delta R.T. 0.360 min
Lab File: BG055001.D
Acq: 21 Sep 2022 20:04

Tgt Ion: 70 Resp: 17760
Ion Ratio Lower Upper
70 100
42 42.7 46.6 69.8#
101 0.0 7.7 11.5#
130 2.5 13.9 20.9#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.882 min Scan# 1012
Delta R.T. -0.005 min
Lab File: BG055001.D
Acq: 21 Sep 2022 20:04

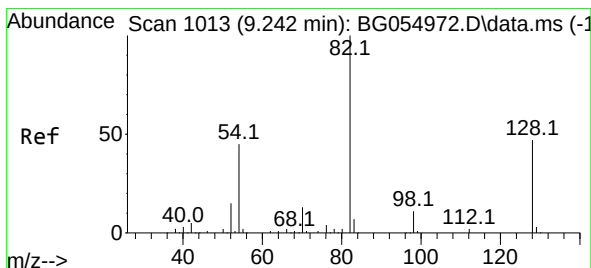
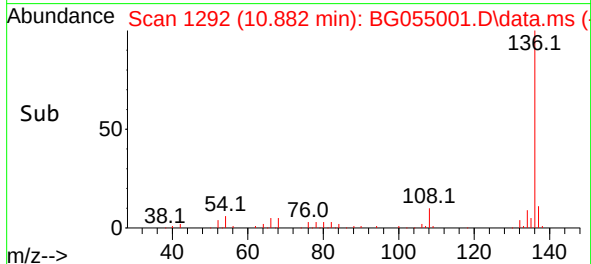
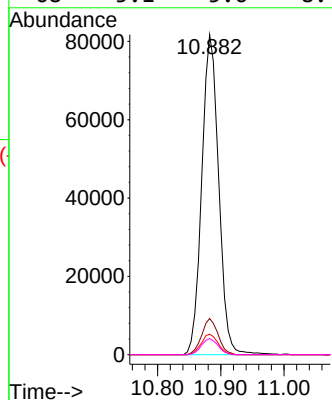
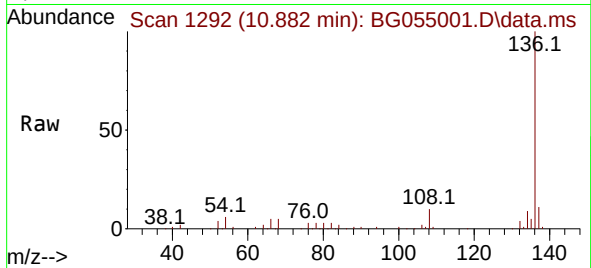
Instrument :

BNA_G

ClientSampleId :

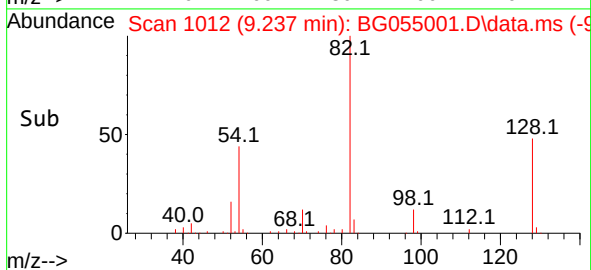
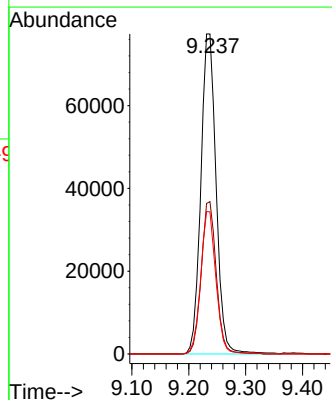
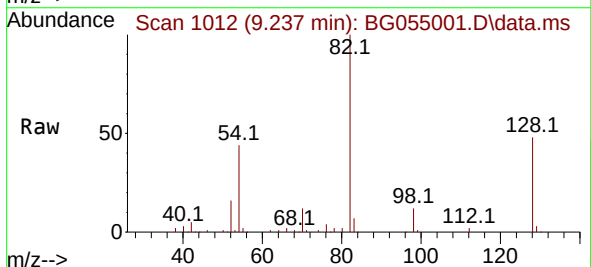
SB-26-COMP

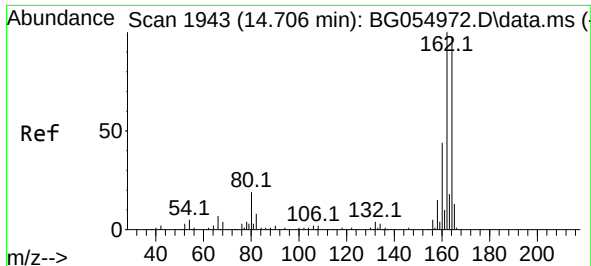
Tgt Ion:136 Resp: 151756
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 6.4 7.7 11.5#
68 5.1 5.6 8.4#



#23
Nitrobenzene-d5
Concen: 55.109 ng
RT: 9.237 min Scan# 1012
Delta R.T. -0.005 min
Lab File: BG055001.D
Acq: 21 Sep 2022 20:04

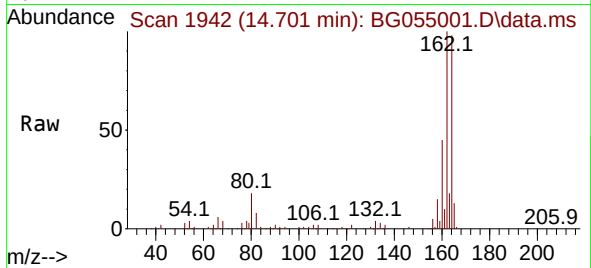
Tgt Ion: 82 Resp: 144286
Ion Ratio Lower Upper
82 100
128 47.6 32.2 48.2
54 44.4 41.4 62.0



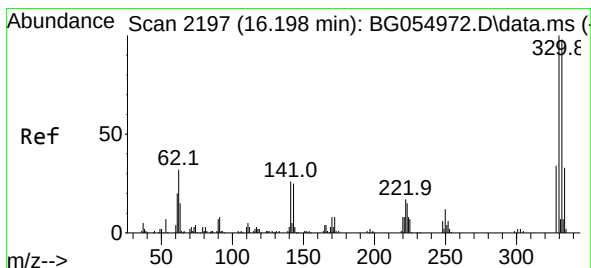
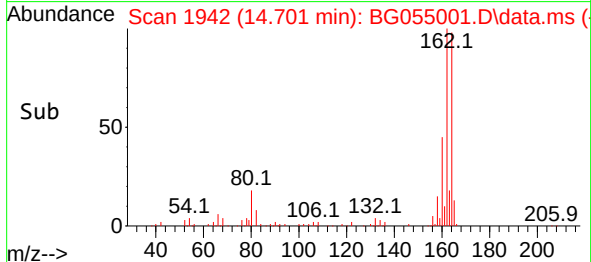
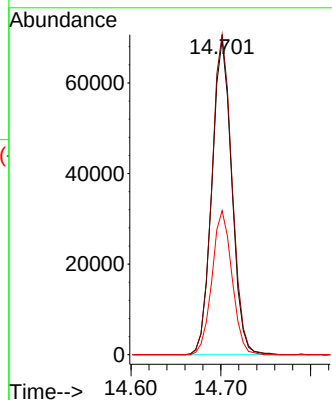


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.701 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BG055001.D
Acq: 21 Sep 2022 20:04

Instrument :
BNA_G
ClientSampleId :
SB-26-COMP

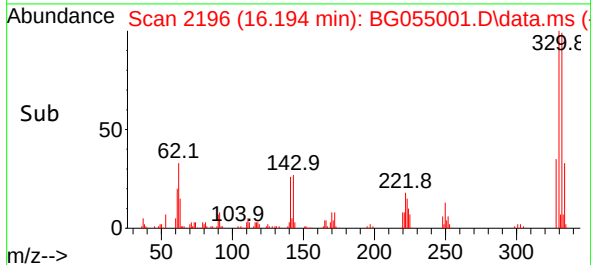
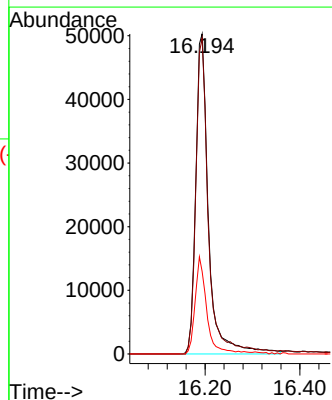
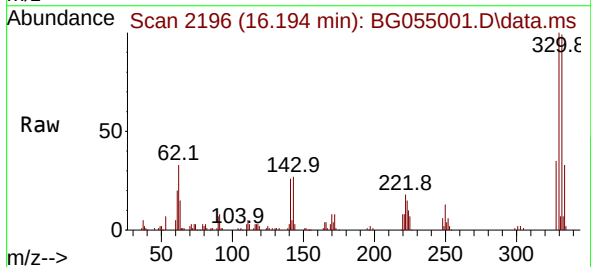


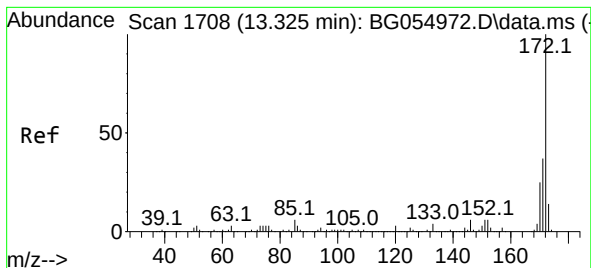
Tgt Ion:164 Resp: 106513
Ion Ratio Lower Upper
164 100
162 101.6 83.0 124.4
160 45.7 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 75.524 ng
RT: 16.194 min Scan# 2196
Delta R.T. -0.005 min
Lab File: BG055001.D
Acq: 21 Sep 2022 20:04

Tgt Ion:330 Resp: 94239
Ion Ratio Lower Upper
330 100
332 97.3 79.8 119.6
141 27.8 26.8 40.2

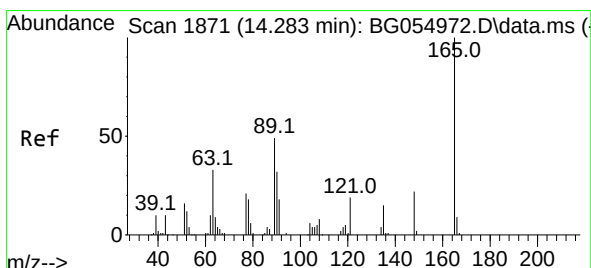
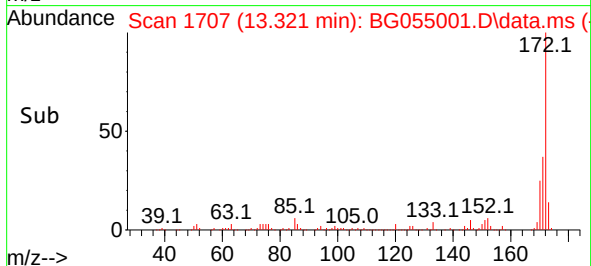
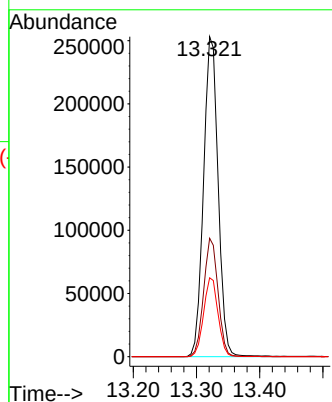
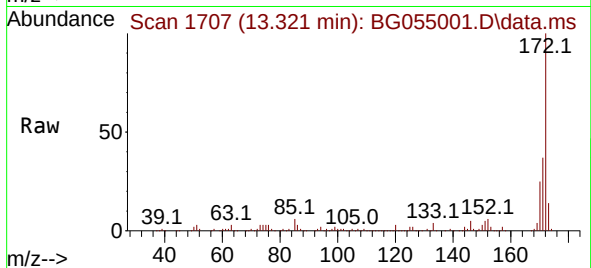




#45
2-Fluorobiphenyl
Concen: 60.152 ng
RT: 13.321 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055001.D
Acq: 21 Sep 2022 20:04

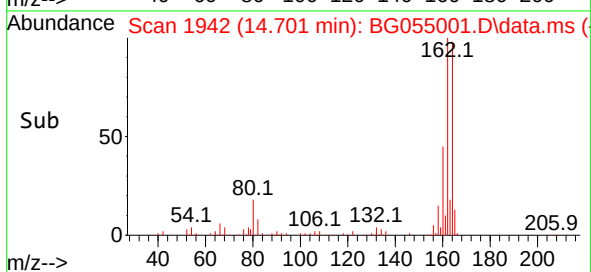
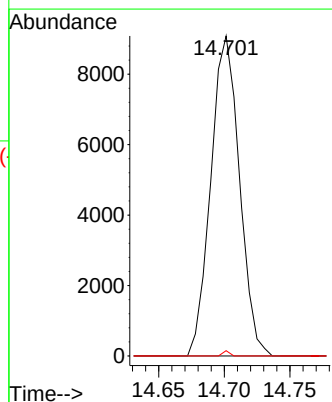
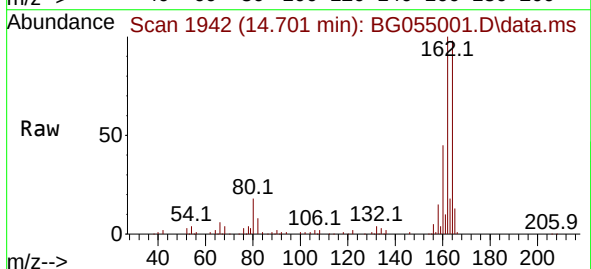
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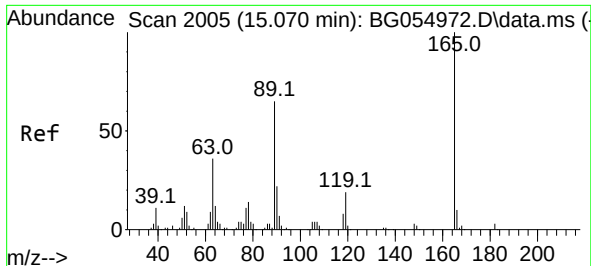
Tgt Ion:172 Resp: 406538
Ion Ratio Lower Upper
172 100
171 37.0 31.2 46.8
170 24.6 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.044 ng
RT: 14.701 min Scan# 1942
Delta R.T. 0.419 min
Lab File: BG055001.D
Acq: 21 Sep 2022 20:04

Tgt Ion:165 Resp: 13794
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 1.7 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 5.655 ng

RT: 14.701 min Scan# 1942

Delta R.T. -0.369 min

Lab File: BG055001.D

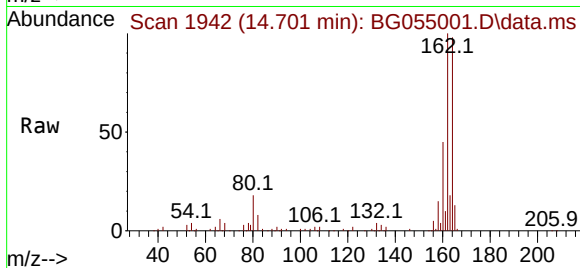
Acq: 21 Sep 2022 20:04

Instrument :

BNA_G

ClientSampleId :

SB-26-COMP



Tgt Ion:165 Resp: 13794

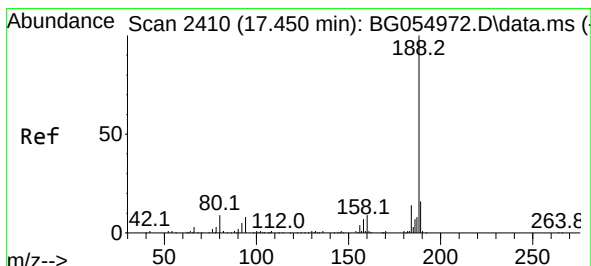
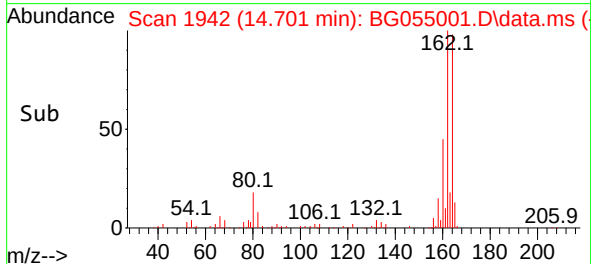
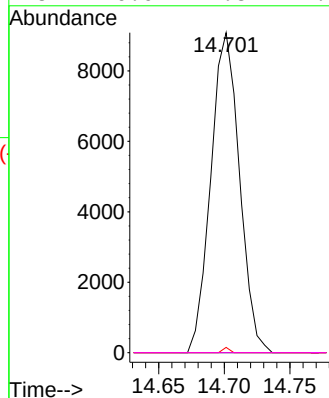
Ion Ratio Lower Upper

165 100

63 0.0 36.8 55.2#

89 1.7 64.3 96.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.445 min Scan# 2409

Delta R.T. -0.005 min

Lab File: BG055001.D

Acq: 21 Sep 2022 20:04

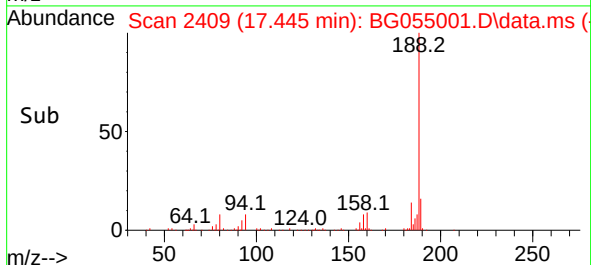
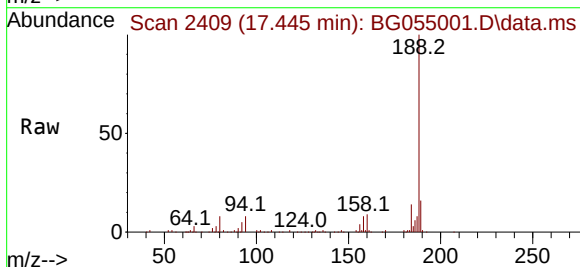
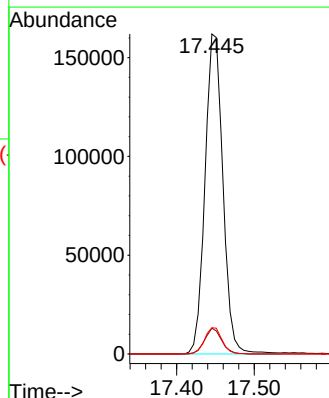
Tgt Ion:188 Resp: 259596

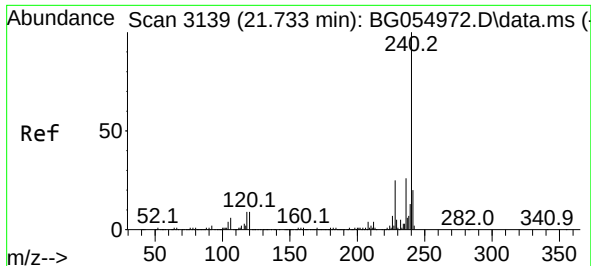
Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.4

80 8.2 7.9 11.9

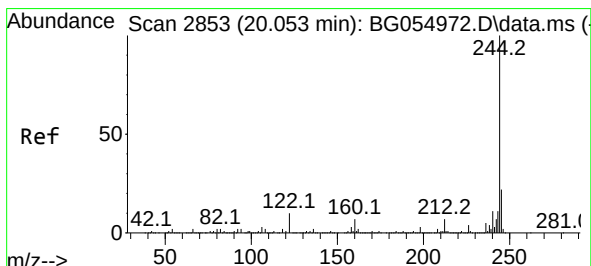
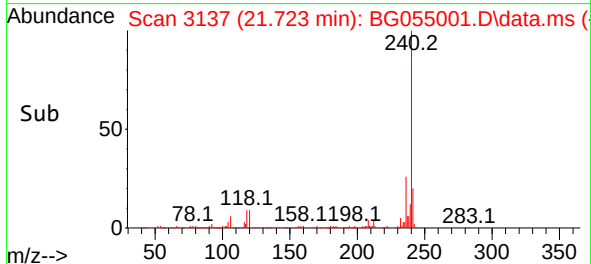
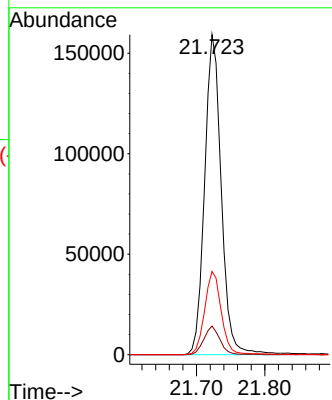
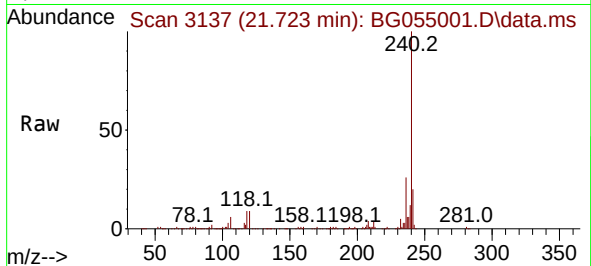




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.723 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG055001.D
Acq: 21 Sep 2022 20:04

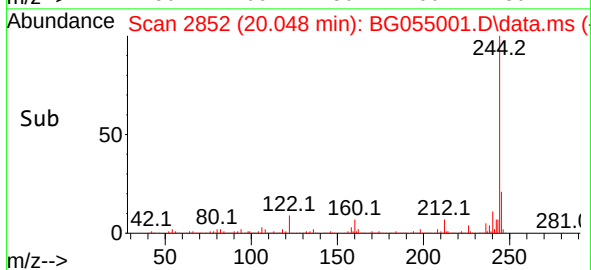
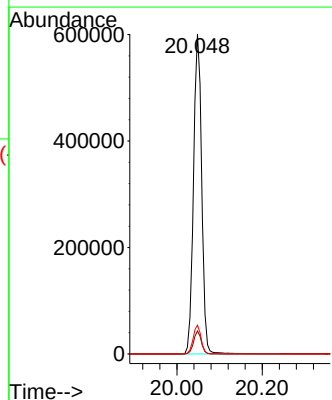
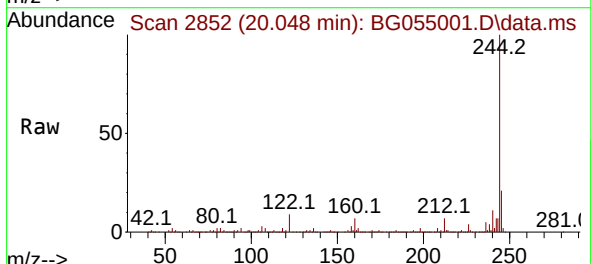
Instrument :
BNA_G
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SB-26-COMP

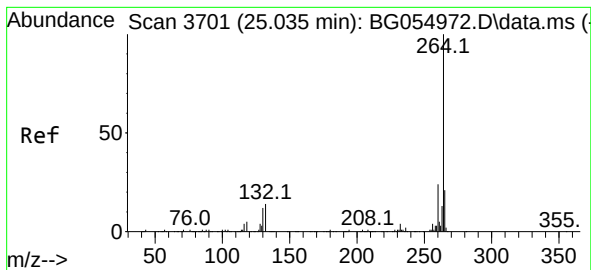
Tgt Ion:240 Resp: 269809
Ion Ratio Lower Upper
240 100
120 9.0 8.2 12.4
236 26.0 21.2 31.8



#79
Terphenyl-d14
Concen: 62.075 ng
RT: 20.048 min Scan# 2852
Delta R.T. -0.004 min
Lab File: BG055001.D
Acq: 21 Sep 2022 20:04

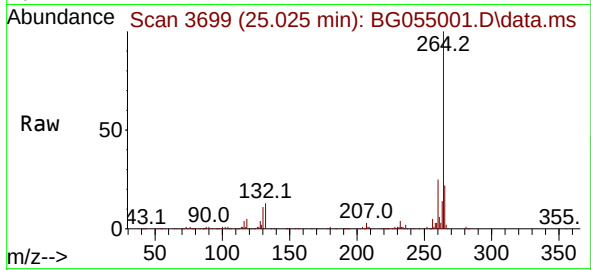
Tgt Ion:244 Resp: 800658
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.2
122 9.0 9.0 13.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.025 min Scan# 30
Delta R.T. -0.010 min
Lab File: BG055001.D
Acq: 21 Sep 2022 20:04

Instrument :
BNA_G
ClientSampleId :
SB-26-COMP



Tgt Ion:264 Resp: 283778

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	21.5	16.9	25.3

