

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051622\
 Data File : BG053561.D
 Acq On : 16 May 2022 10:54
 Operator : CG/JU
 Sample : PB144792BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144792BL

Quant Time: May 17 05:19:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

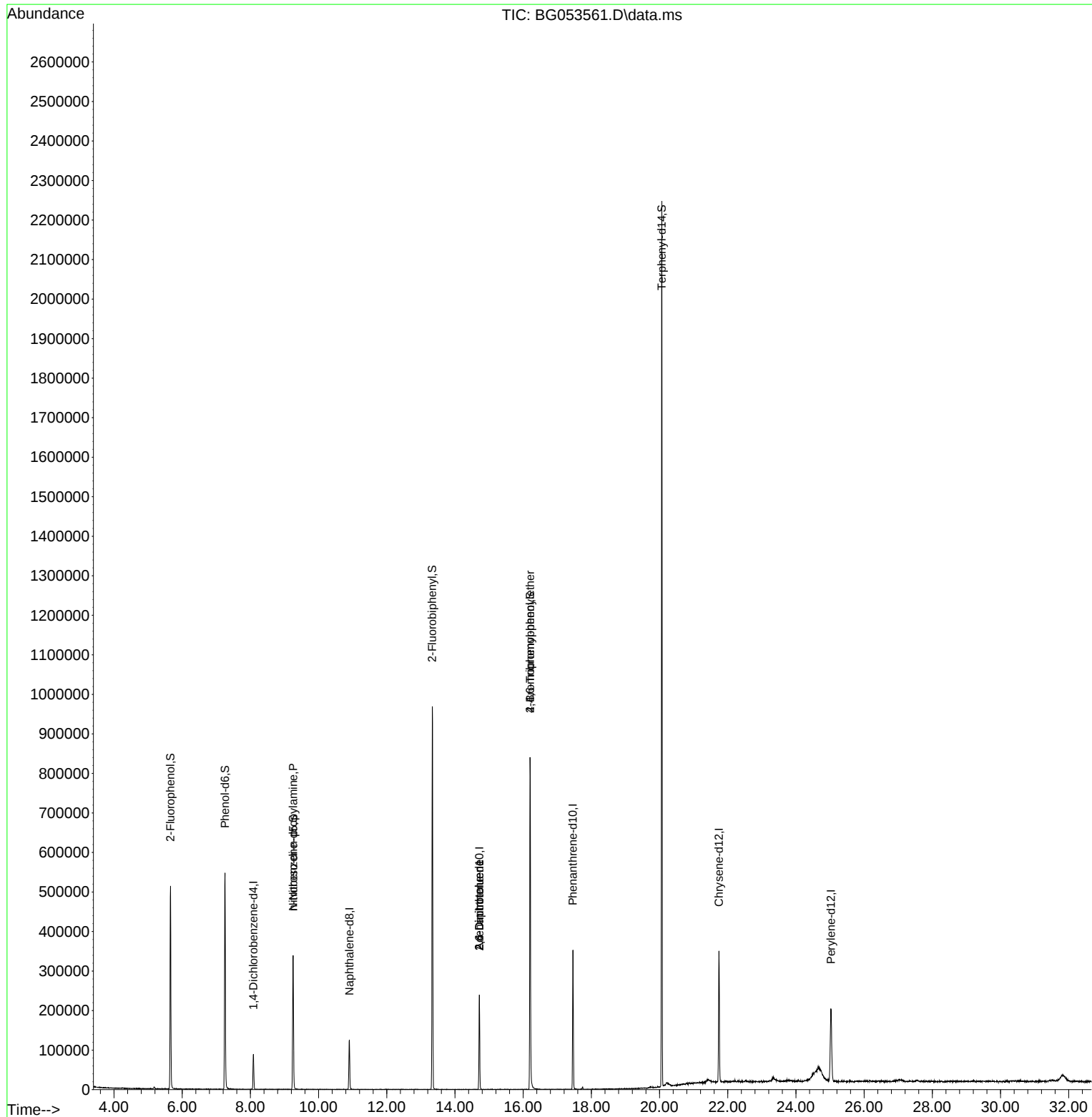
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	24328	20.000	ng	0.00
21) Naphthalene-d8	10.903	136	106398	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	87092	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	226794	20.000	ng	0.00
76) Chrysene-d12	21.741	240	215850	20.000	ng	0.00
86) Perylene-d12	25.025	264	212002	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	204392	142.585	ng	0.00
7) Phenol-d6	7.255	99	306471	140.873	ng	0.00
23) Nitrobenzene-d5	9.252	82	217235	86.913	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	177010	137.804	ng	0.00
45) 2-Fluorobiphenyl	13.335	172	524506	88.005	ng	0.00
79) Terphenyl-d14	20.067	244	1108192	95.621	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.252	70	30490	19.533	ng	# 72
51) 2,6-Dinitrotoluene	14.716	165	10873	8.064	ng	# 18
57) 2,4-Dinitrotoluene	14.716	165	10873	5.563	ng	# 24
67) 4-Bromophenyl-phenylether	16.202	248	12329	4.655	ng	# 1

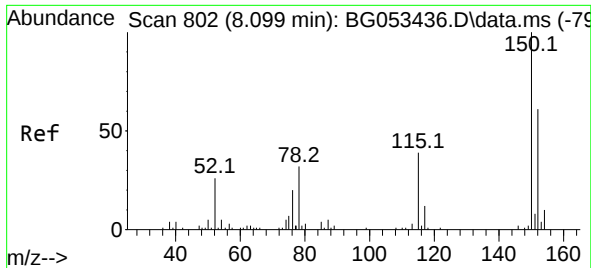
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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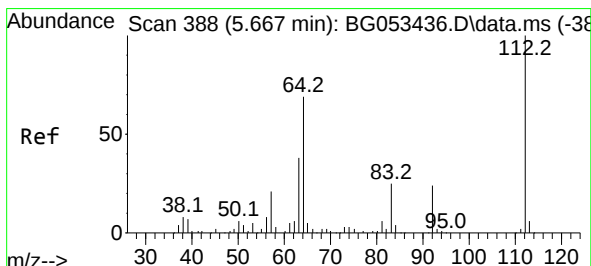
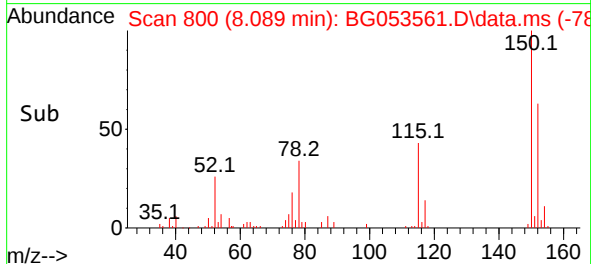
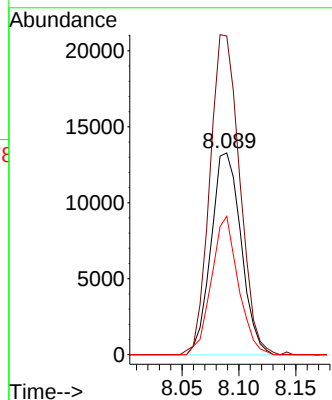
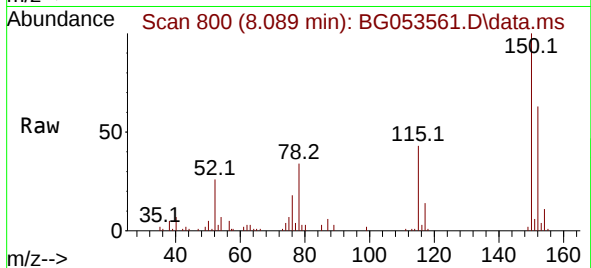




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.089 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG053561.D
Acq: 16 May 2022 10:54

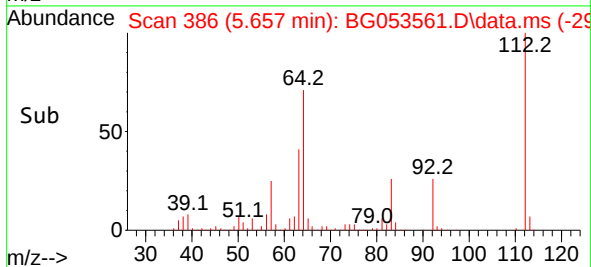
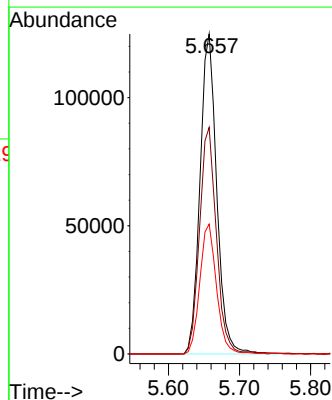
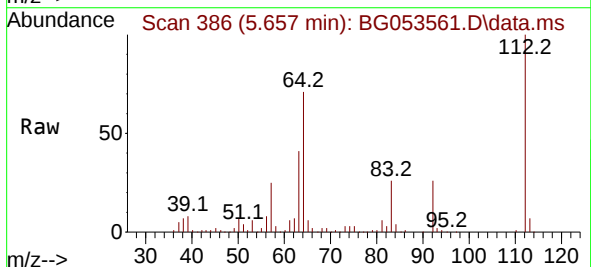
Instrument :
BNA_G
ClientSampleId :
PB144792BL

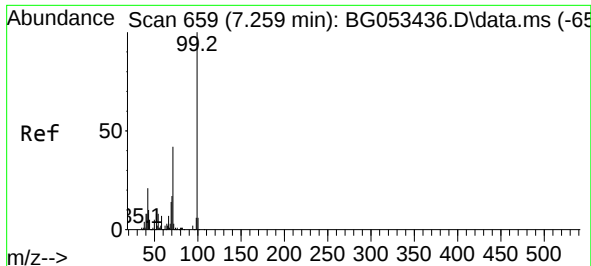
Tgt Ion:152 Resp: 24328
Ion Ratio Lower Upper
152 100
150 157.9 131.6 197.4
115 68.6 50.9 76.3



#5
2-Fluorophenol
Concen: 142.585 ng
RT: 5.657 min Scan# 386
Delta R.T. 0.006 min
Lab File: BG053561.D
Acq: 16 May 2022 10:54

Tgt Ion:112 Resp: 204392
Ion Ratio Lower Upper
112 100
64 70.8 55.1 82.7
63 40.6 30.4 45.6

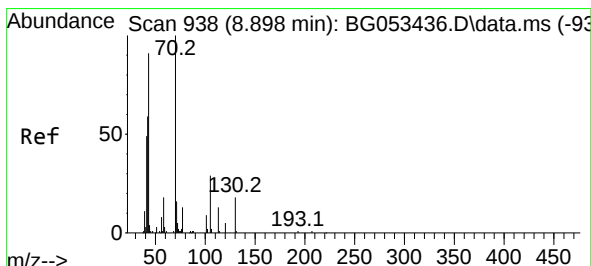
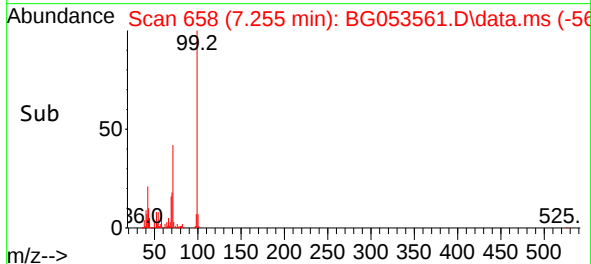
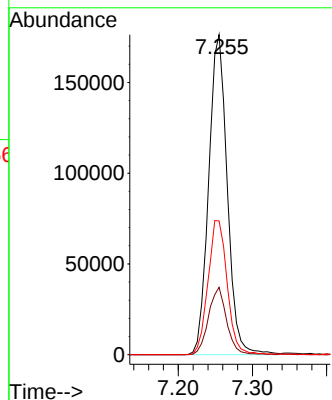
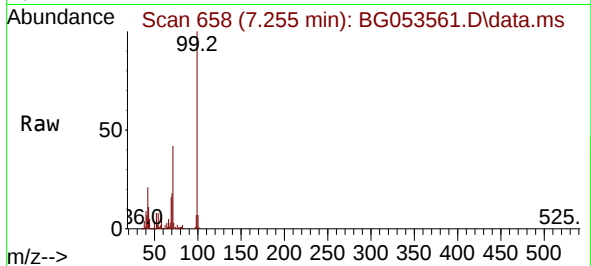




#7
Phenol-d6
Concen: 140.873 ng
RT: 7.255 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG053561.D
Acq: 16 May 2022 10:54

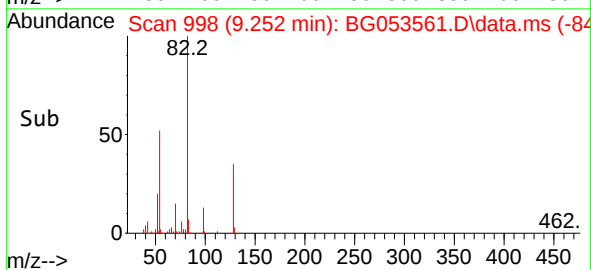
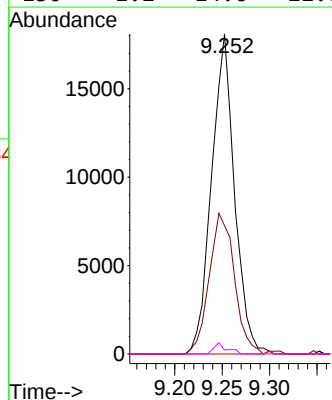
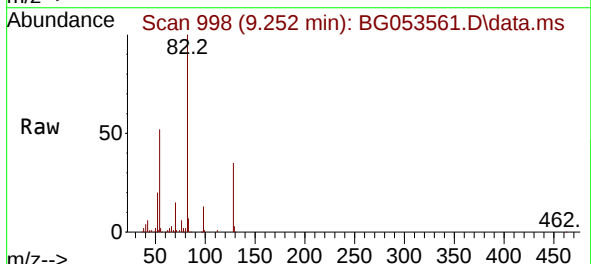
Instrument :
BNA_G
ClientSampleId :
PB144792BL

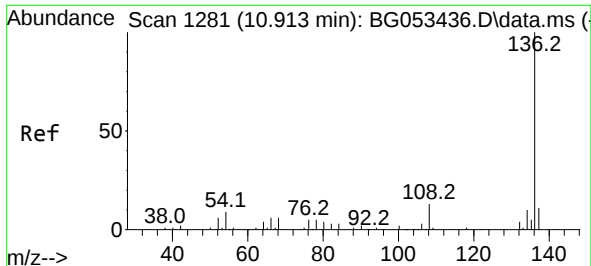
Tgt Ion: 99 Resp: 306471
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 41.8 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.533 ng
RT: 9.252 min Scan# 998
Delta R.T. 0.364 min
Lab File: BG053561.D
Acq: 16 May 2022 10:54

Tgt Ion: 70 Resp: 30490
Ion Ratio Lower Upper
70 100
42 40.1 47.3 70.9#
101 0.0 7.0 10.4#
130 1.2 14.6 22.0#

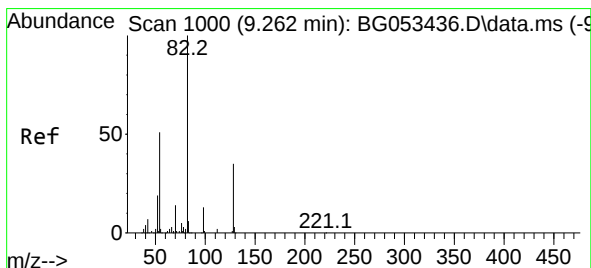
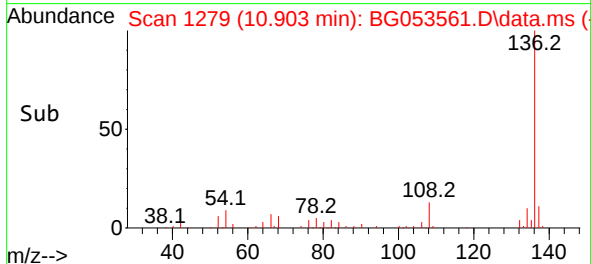
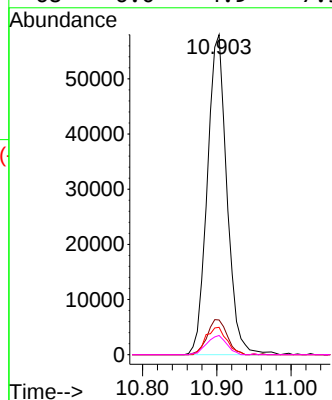
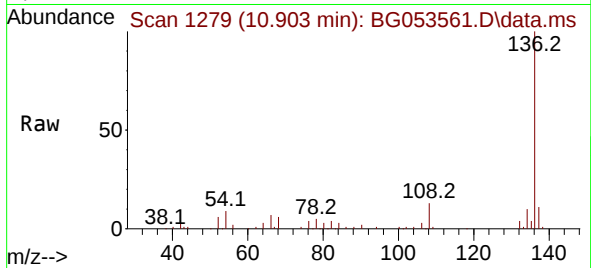




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.903 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG053561.D
Acq: 16 May 2022 10:54

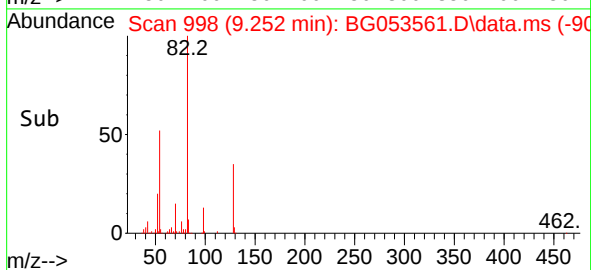
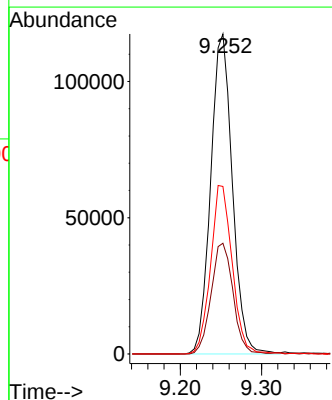
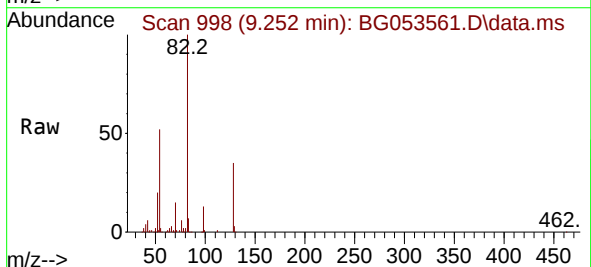
Instrument :
BNA_G
ClientSampleId :
PB144792BL

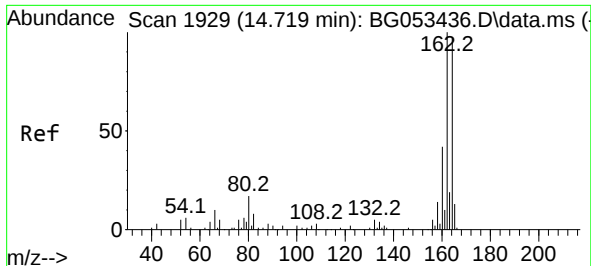
Tgt Ion:	136	Resp:	106398
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	8.6	7.4	11.2
68	6.0	4.9	7.3



#23
Nitrobenzene-d5
Concen: 86.913 ng
RT: 9.252 min Scan# 998
Delta R.T. -0.000 min
Lab File: BG053561.D
Acq: 16 May 2022 10:54

Tgt Ion:	82	Resp:	217235
Ion Ratio	Lower	Upper	
82	100		
128	34.6	27.9	41.9
54	52.4	41.2	61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.716 min Scan# 1929

Delta R.T. -0.000 min

Lab File: BG053561.D

Acq: 16 May 2022 10:54

Instrument :

BNA_G

ClientSampleId :

PB144792BL

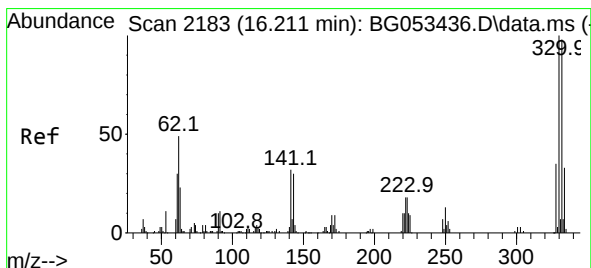
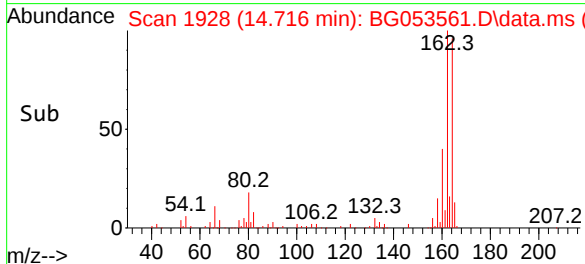
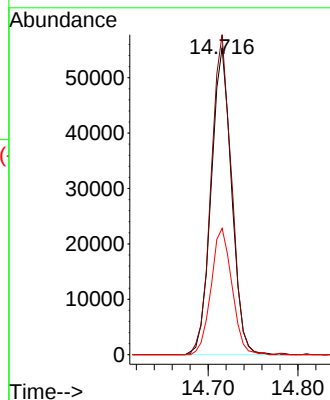
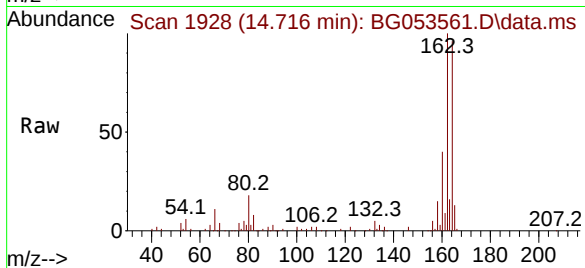
Tgt Ion:164 Resp: 87092

Ion Ratio Lower Upper

164 100

162 104.3 82.3 123.5

160 41.2 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 137.804 ng

RT: 16.202 min Scan# 2181

Delta R.T. -0.000 min

Lab File: BG053561.D

Acq: 16 May 2022 10:54

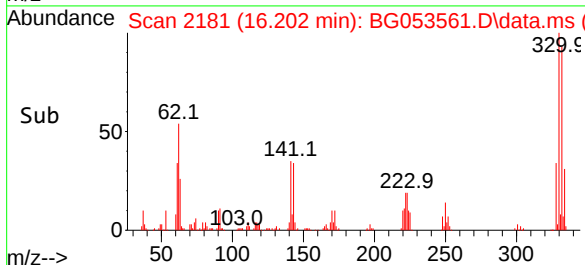
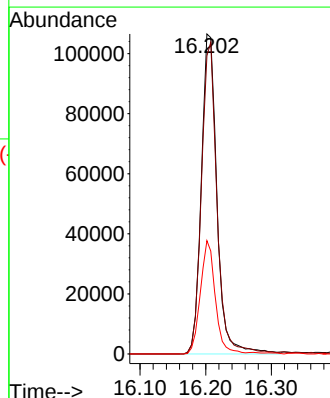
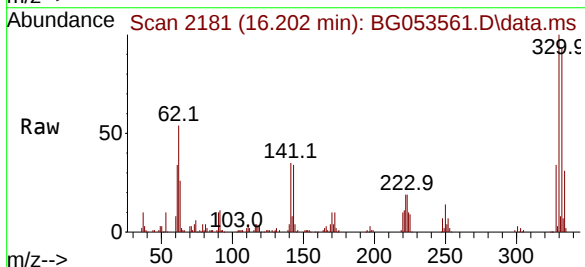
Tgt Ion:330 Resp: 177010

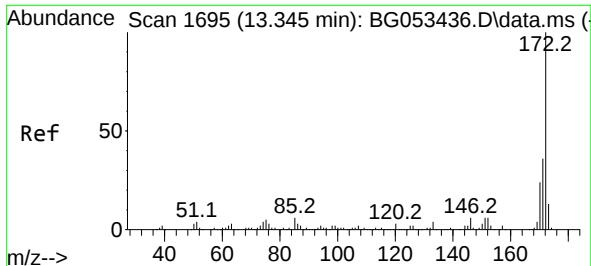
Ion Ratio Lower Upper

330 100

332 96.7 76.0 114.0

141 33.7 27.1 40.7

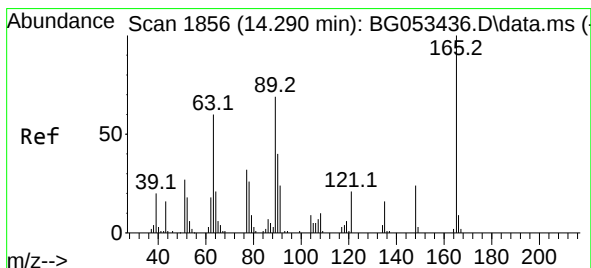
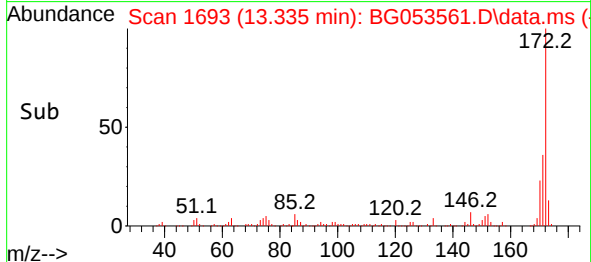
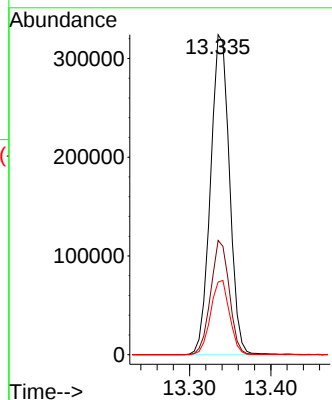
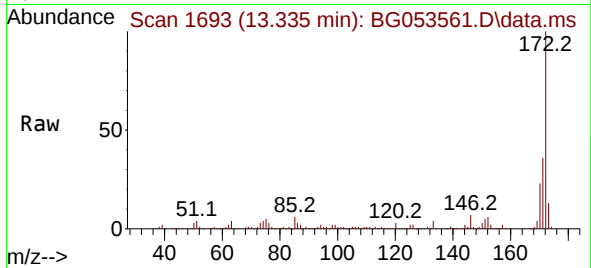




#45
2-Fluorobiphenyl
Concen: 88.005 ng
RT: 13.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG053561.D
Acq: 16 May 2022 10:54

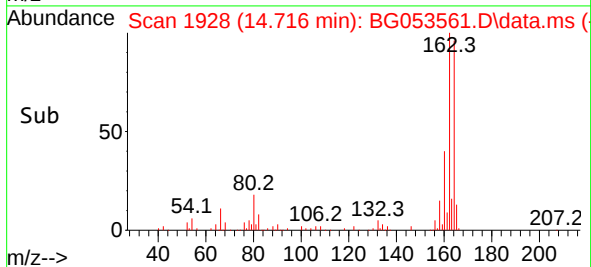
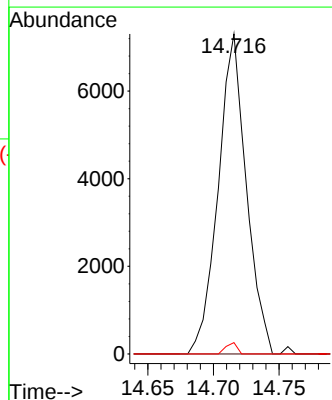
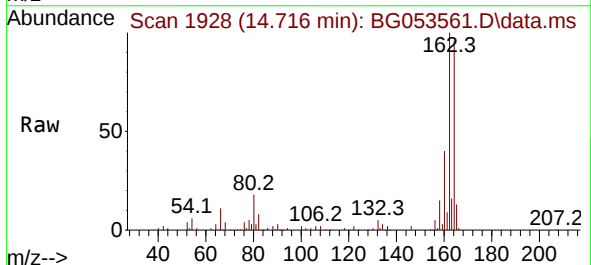
Instrument :
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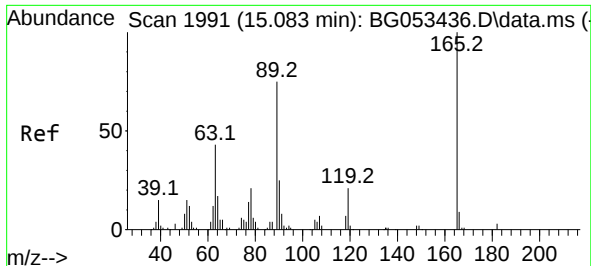
Tgt Ion:172 Resp: 524506
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 22.7 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.064 ng
RT: 14.716 min Scan# 1928
Delta R.T. 0.435 min
Lab File: BG053561.D
Acq: 16 May 2022 10:54

Tgt Ion:165 Resp: 10873
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 3.6 54.8 82.2#

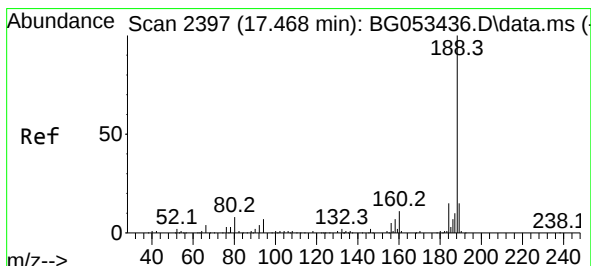
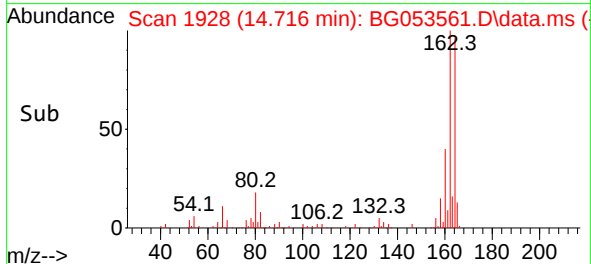
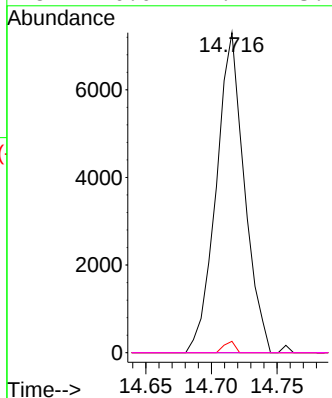
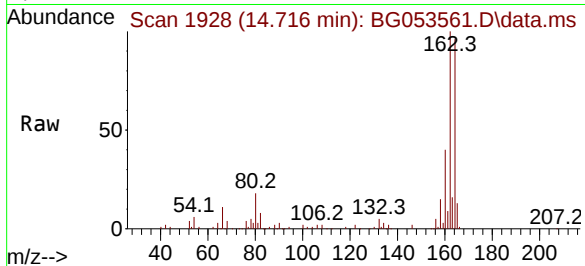




#57
2,4-Dinitrotoluene
Concen: 5.563 ng
RT: 14.716 min Scan# 1991
Delta R.T. -0.359 min
Lab File: BG053561.D
Acq: 16 May 2022 10:54

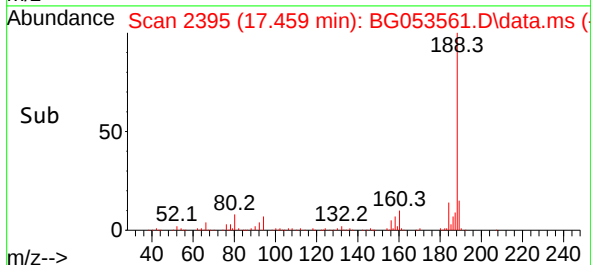
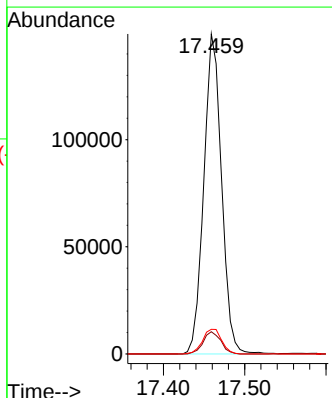
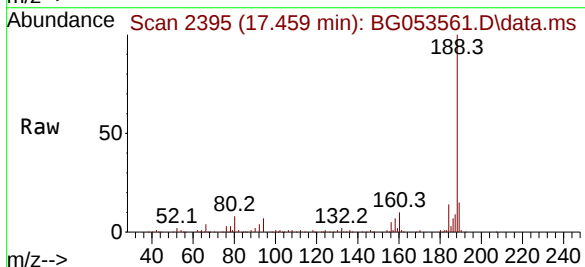
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BNA_G
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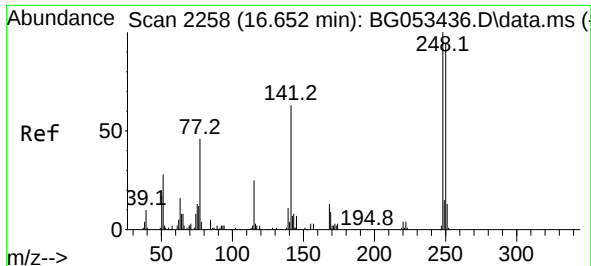
Tgt Ion:165	Resp:	10873
Ion Ratio	Lower	Upper
165	100	
63	0.0	34.6
89	3.6	60.3
182	0.0	2.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.459 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BG053561.D
Acq: 16 May 2022 10:54

Tgt Ion:188	Resp:	226794
Ion Ratio	Lower	Upper
188	100	
94	7.0	5.4
80	7.7	6.8

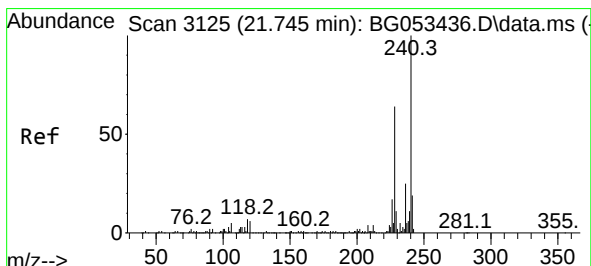
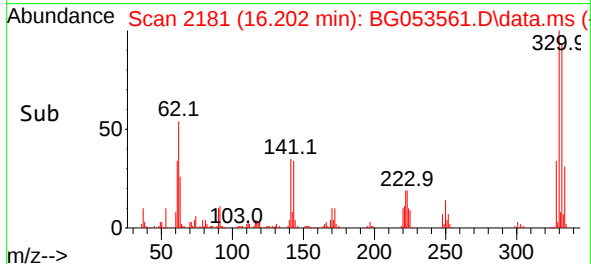
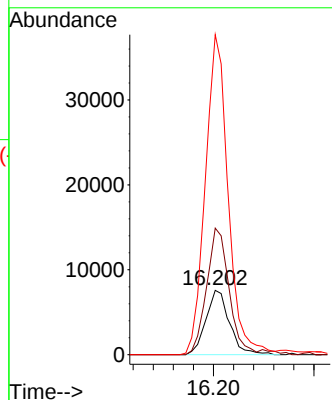
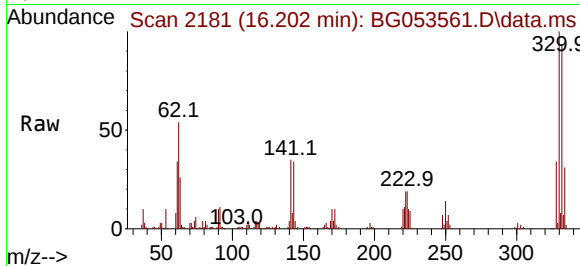




#67
4-Bromophenyl-phenylether
Concen: 4.655 ng
RT: 16.202 min Scan# 2118
Delta R.T. -0.441 min
Lab File: BG053561.D
Acq: 16 May 2022 10:54

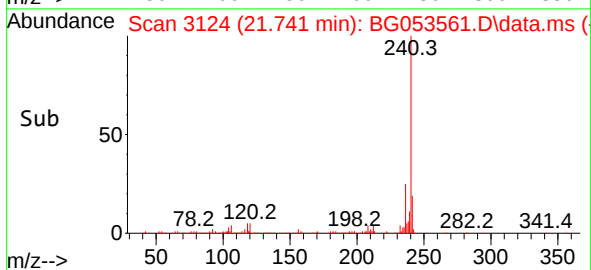
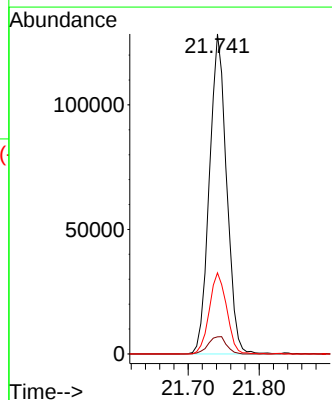
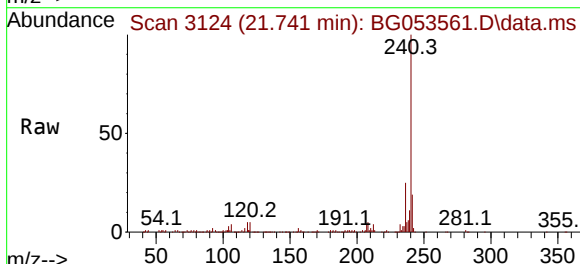
Instrument :
BNA_G
ClientSampleId :
PB144792BL

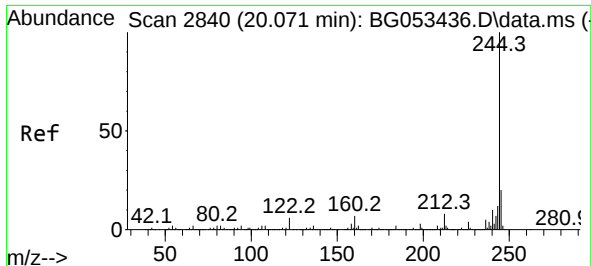
Tgt Ion:248 Resp: 12329
Ion Ratio Lower Upper
248 100
250 196.5 75.2 112.8#
141 497.0 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.741 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BG053561.D
Acq: 16 May 2022 10:54

Tgt Ion:240 Resp: 215850
Ion Ratio Lower Upper
240 100
120 5.3 4.6 7.0
236 25.3 20.2 30.4

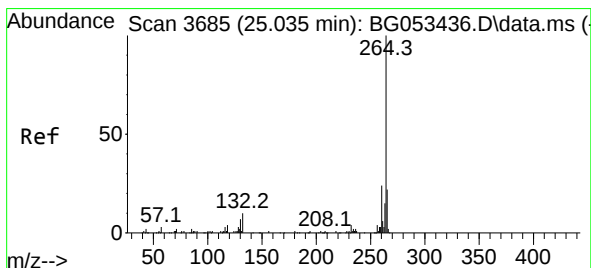
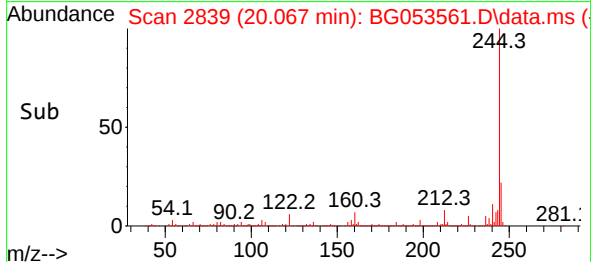
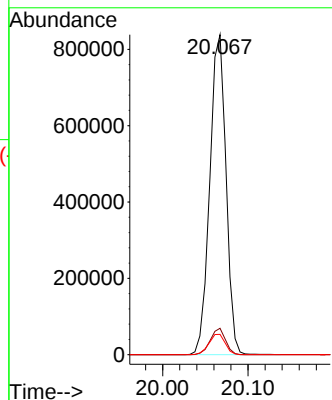
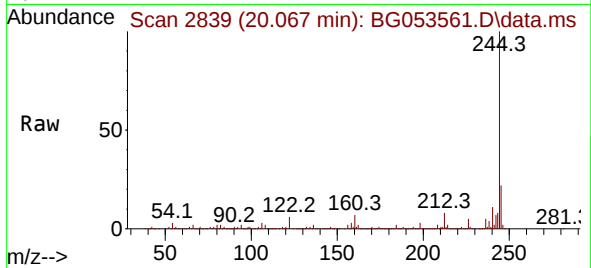




#79
 Terphenyl-d14
 Concen: 95.621 ng
 RT: 20.067 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG053561.D
 Acq: 16 May 2022 10:54

Instrument :
 BNA_G
 ClientSampleId :
 PB144792BL

Tgt Ion:244 Resp: 1108192
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 6.4 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.025 min Scan# 3683
 Delta R.T. 0.006 min
 Lab File: BG053561.D
 Acq: 16 May 2022 10:54

Tgt Ion:264 Resp: 212002
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.0 28.6
 265 21.7 17.4 26.2

