

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
 Data File : BG050693.D
 Acq On : 22 Oct 2021 17:35
 Operator : CG/JU
 Sample : M4280-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2081

Quant Time: Oct 23 01:44:47 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

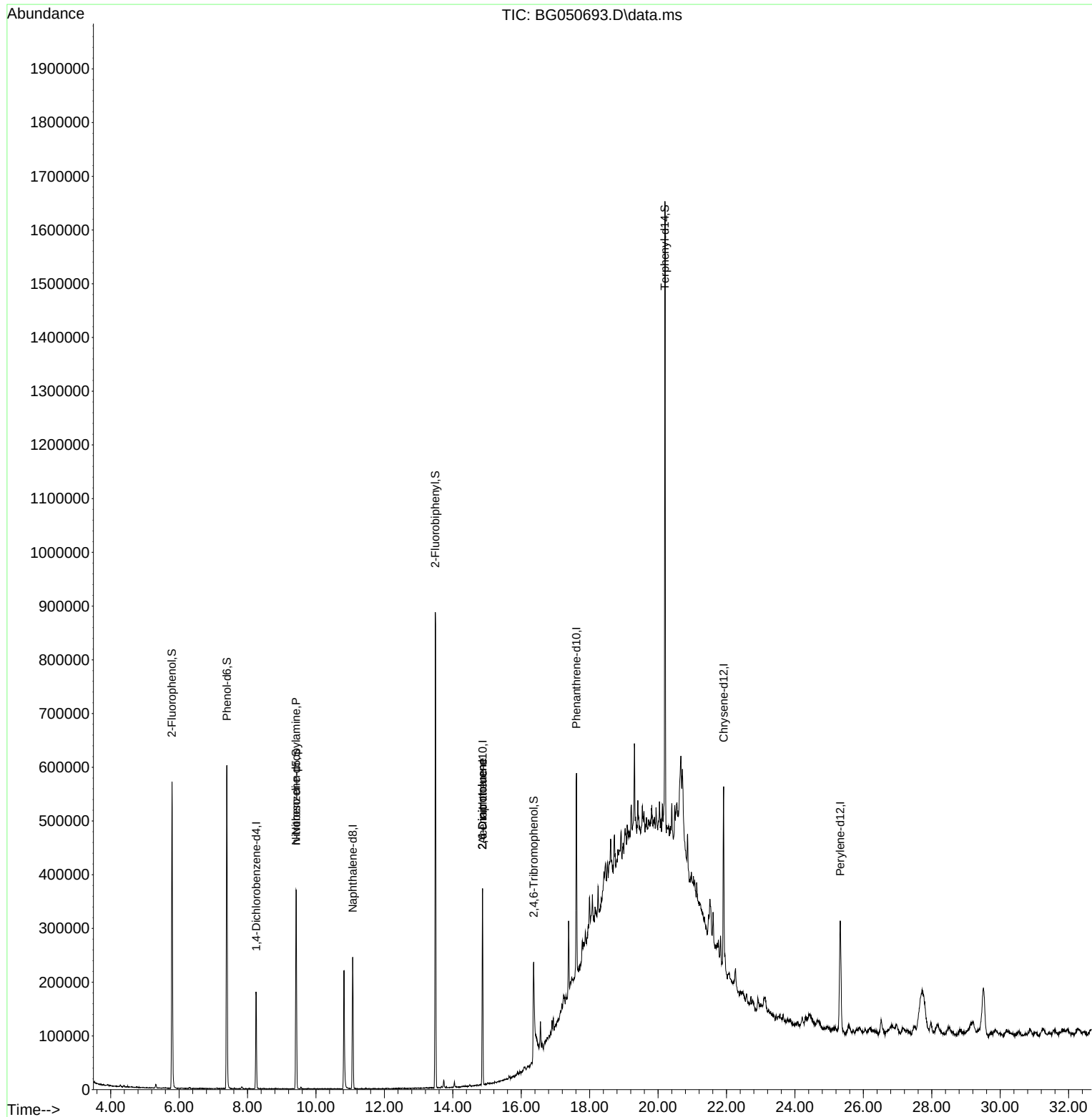
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.255	152	48703	20.000	ng	0.00
21) Naphthalene-d8	11.075	136	203687	20.000	ng	# 0.00
39) Acenaphthene-d10	14.871	164	128077	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	223862	20.000	ng	# 0.00
76) Chrysene-d12	21.915	240	201545	20.000	ng	# 0.00
86) Perylene-d12	25.323	264	200647	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	262439	80.588	ng	0.00
7) Phenol-d6	7.397	99	351150	74.476	ng	0.00
23) Nitrobenzene-d5	9.418	82	243047	49.395	ng	0.00
42) 2,4,6-Tribromophenol	16.363	330	58149	47.600	ng	0.00
45) 2-Fluorobiphenyl	13.490	172	440290	51.738	ng	-0.02
79) Terphenyl-d14	20.200	244	525421	50.805	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.397	77	846	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.418	70	33610	9.780 ng	#	71
51) 2,6-Dinitrotoluene	14.865	165	16480	8.499 ng	#	13
57) 2,4-Dinitrotoluene	14.865	165	16480	6.030 ng	#	18

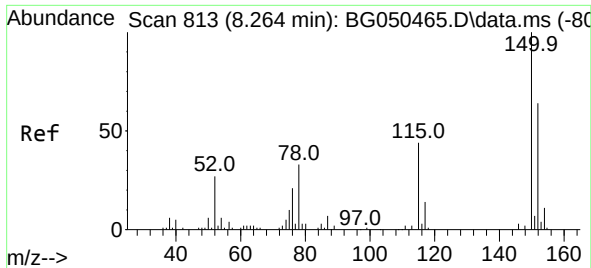
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

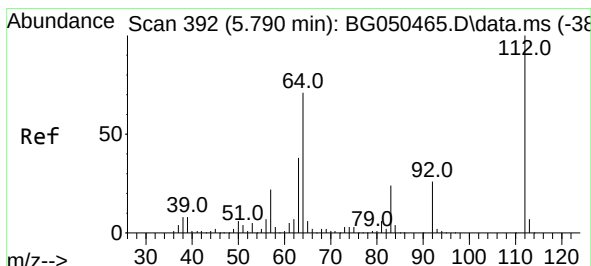
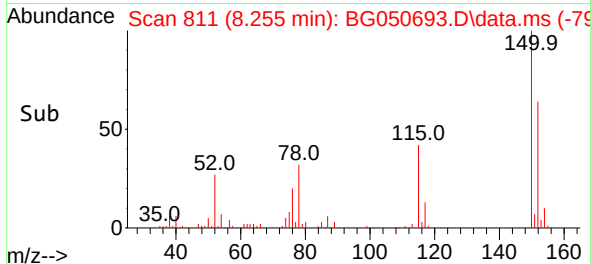
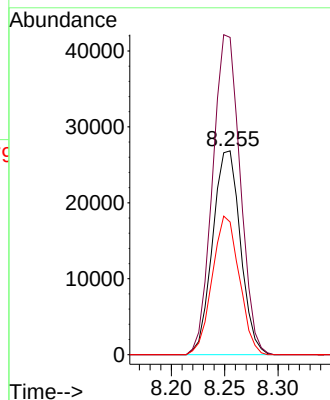
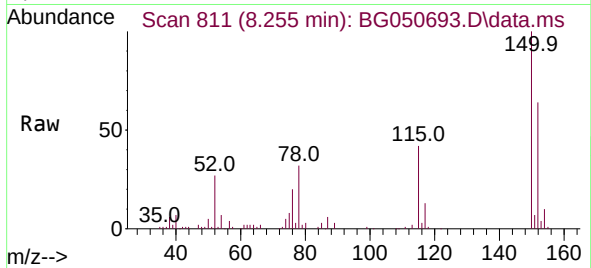




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.255 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG050693.D
Acq: 22 Oct 2021 17:35

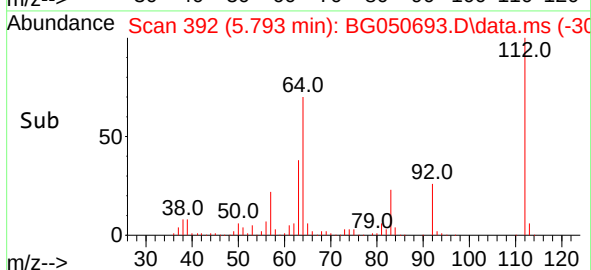
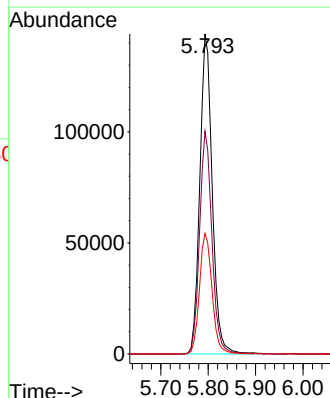
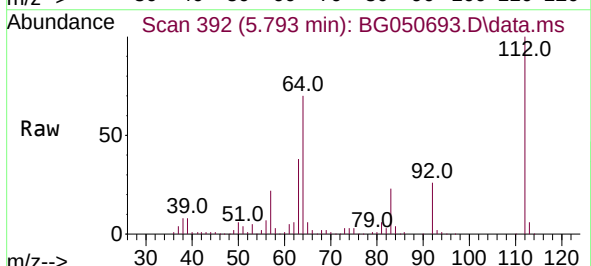
Instrument :
BNA_G
ClientSampleId :
2081

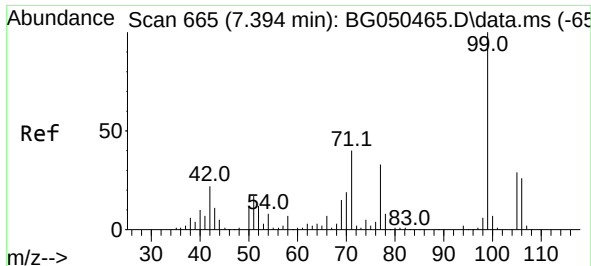
Tgt Ion:152 Resp: 48703
Ion Ratio Lower Upper
152 100
150 155.7 119.4 179.0
115 65.1 60.2 90.4



#5
2-Fluorophenol
Concen: 80.588 ng
RT: 5.793 min Scan# 392
Delta R.T. 0.002 min
Lab File: BG050693.D
Acq: 22 Oct 2021 17:35

Tgt Ion:112 Resp: 262439
Ion Ratio Lower Upper
112 100
64 69.6 46.7 70.1
63 37.7 35.3 52.9

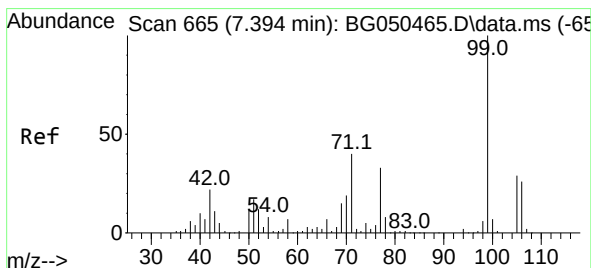
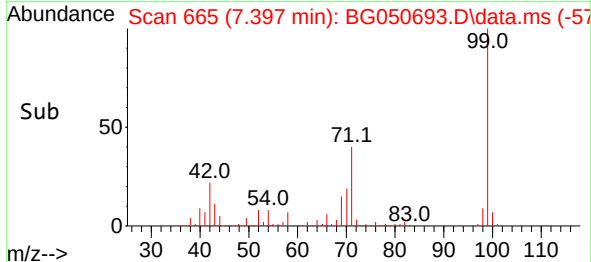
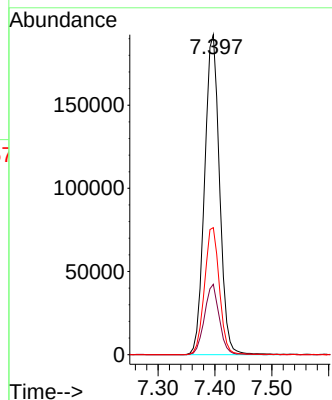
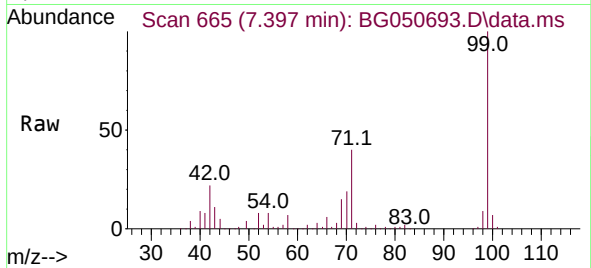




#7
Phenol-d6
Concen: 74.476 ng
RT: 7.397 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG050693.D
Acq: 22 Oct 2021 17:35

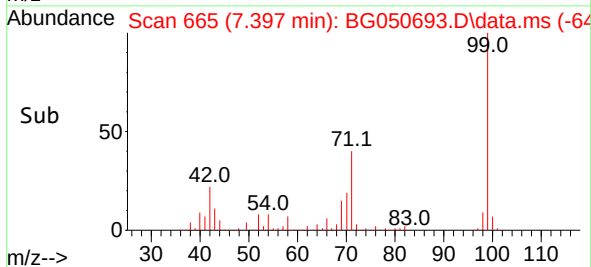
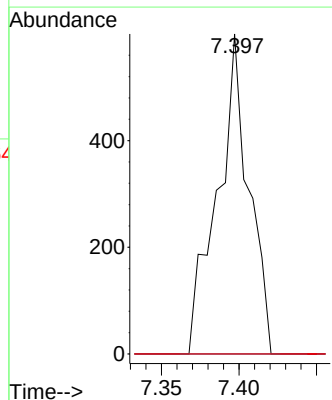
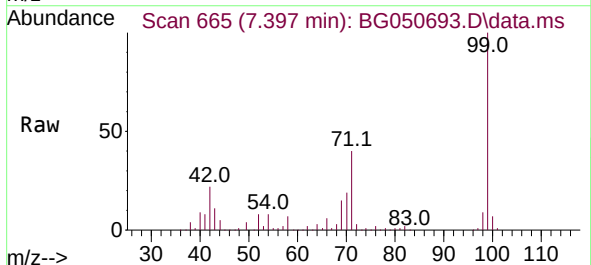
Instrument :
BNA_G
ClientSampleId :
2081

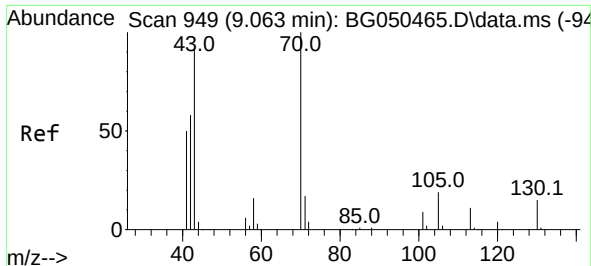
Tgt Ion: 99 Resp: 351150
Ion Ratio Lower Upper
99 100
42 22.0 20.5 30.7
71 39.7 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.397 min Scan# 665
Delta R.T. 0.008 min
Lab File: BG050693.D
Acq: 22 Oct 2021 17:35

Tgt Ion: 77 Resp: 846
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

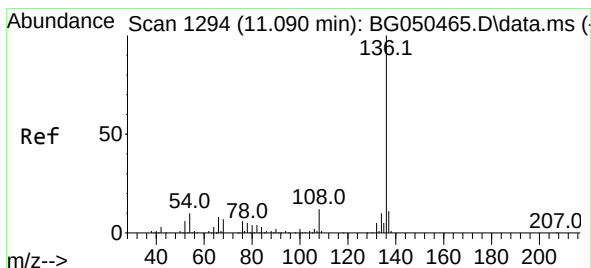
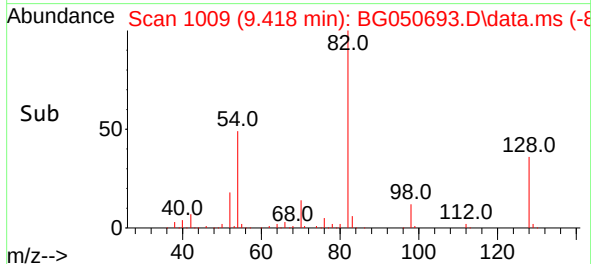
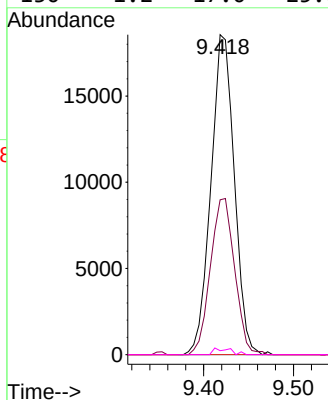
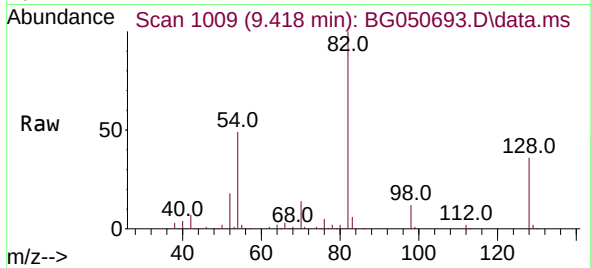




#19
n-Nitroso-di-n-propylamine
Concen: 9.780 ng
RT: 9.418 min Scan# 1009
Delta R.T. 0.361 min
Lab File: BG050693.D
Acq: 22 Oct 2021 17:35

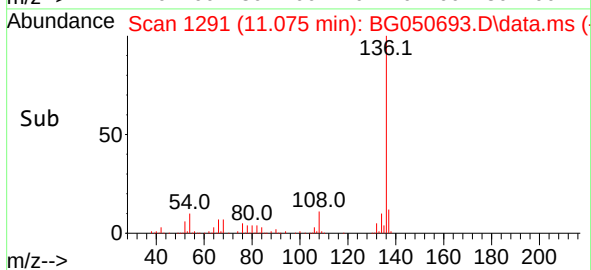
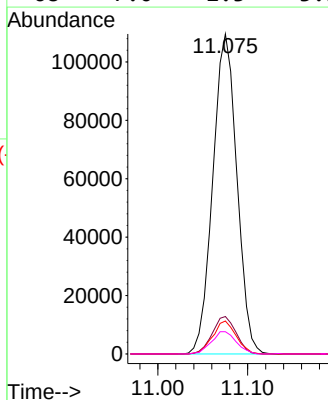
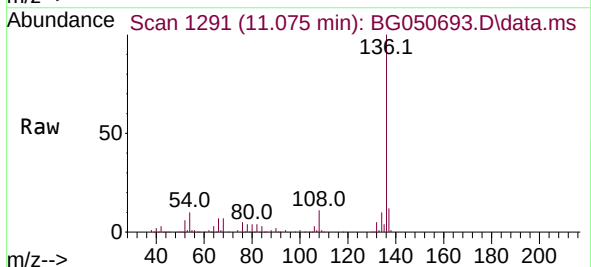
Instrument :
BNA_G
ClientSampled :
2081

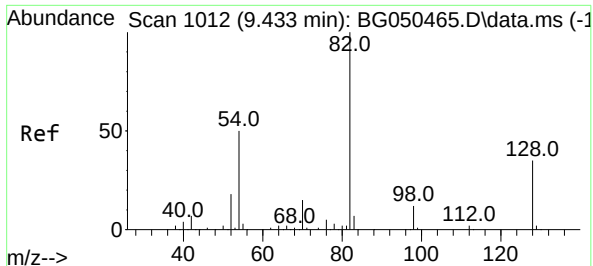
Tgt Ion:	70	Resp:	33610
Ion	Ratio	Lower	Upper
70	100		
42	48.4	54.5	81.7#
101	0.0	9.0	13.6#
130	1.2	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.075 min Scan# 1291
Delta R.T. -0.009 min
Lab File: BG050693.D
Acq: 22 Oct 2021 17:35

Tgt Ion:	136	Resp:	203687
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.2	12.2
54	10.3	5.5	8.3#
68	7.0	2.3	3.5#

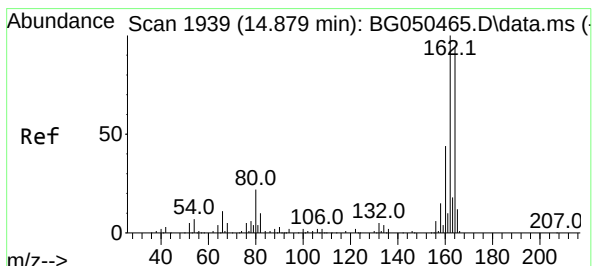
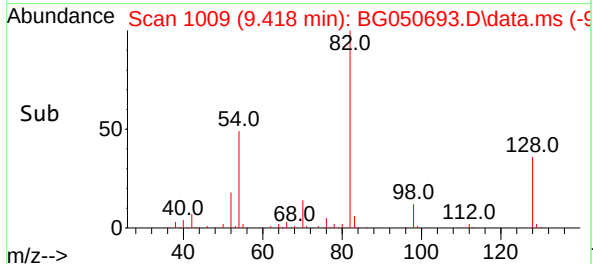
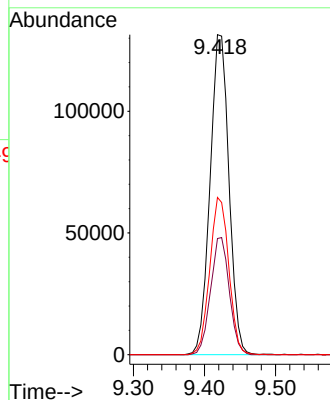
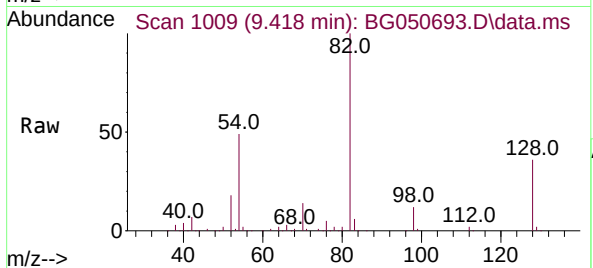




#23
Nitrobenzene-d5
Concen: 49.395 ng
RT: 9.418 min Scan# 1009
Delta R.T. -0.009 min
Lab File: BG050693.D
Acq: 22 Oct 2021 17:35

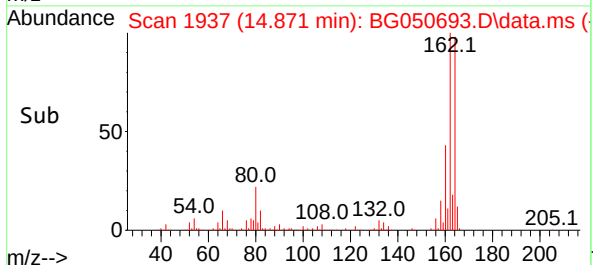
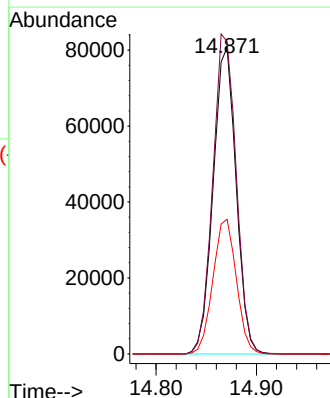
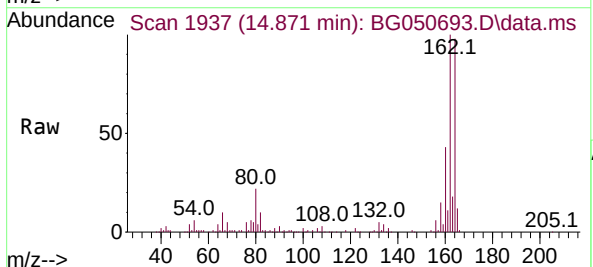
Instrument :
BNA_G
ClientSampled :
2081

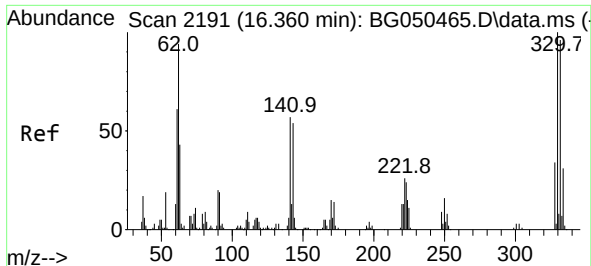
Tgt Ion: 82 Resp: 243047
Ion Ratio Lower Upper
82 100
128 36.3 29.8 44.6
54 49.1 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.871 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG050693.D
Acq: 22 Oct 2021 17:35

Tgt Ion:164 Resp: 128077
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.0
160 44.0 34.9 52.3

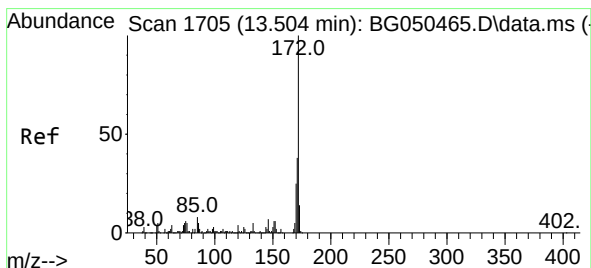
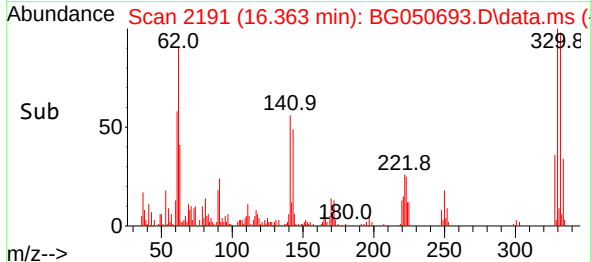
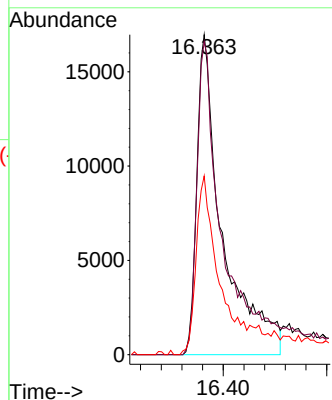
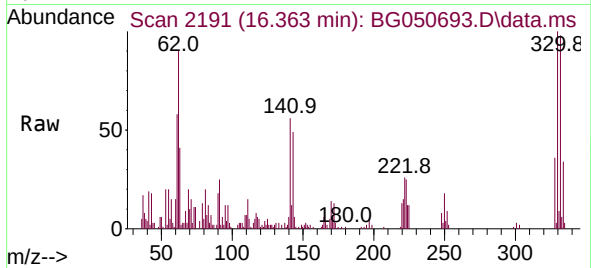




#42
2,4,6-Tribromophenol
Concen: 47.600 ng
RT: 16.363 min Scan# 2191
Delta R.T. 0.002 min
Lab File: BG050693.D
Acq: 22 Oct 2021 17:35

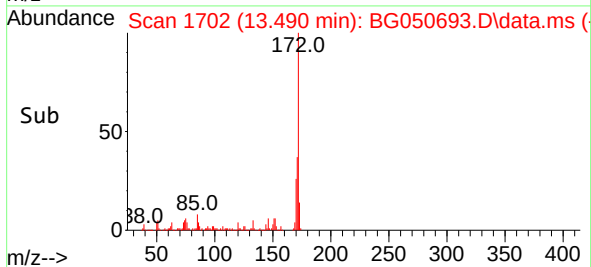
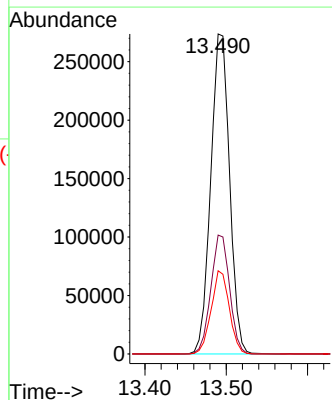
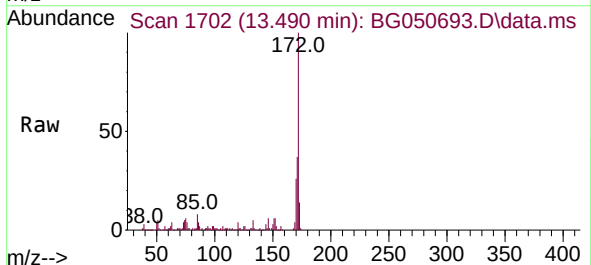
Instrument :
BNA_G
ClientSampled :
2081

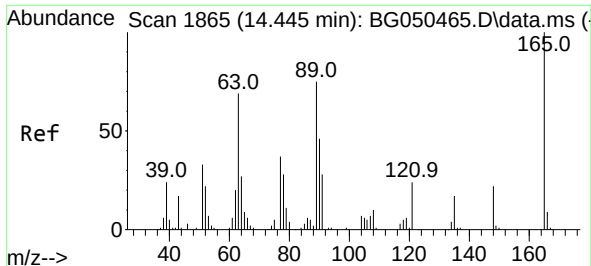
Tgt Ion:330 Resp: 58149
Ion Ratio Lower Upper
330 100
332 105.7 77.3 115.9
141 50.7 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 51.738 ng
RT: 13.490 min Scan# 1702
Delta R.T. -0.015 min
Lab File: BG050693.D
Acq: 22 Oct 2021 17:35

Tgt Ion:172 Resp: 440290
Ion Ratio Lower Upper
172 100
171 37.1 28.6 43.0
170 26.0 18.6 27.8

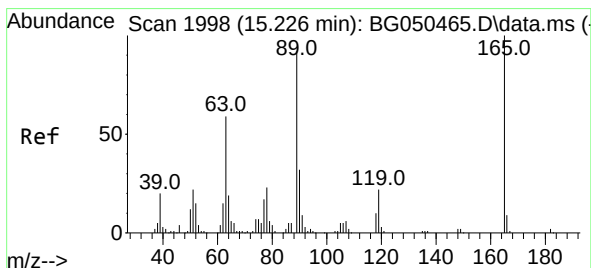
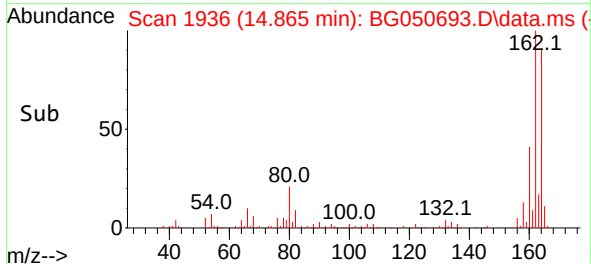
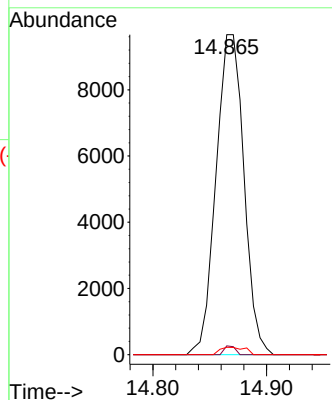
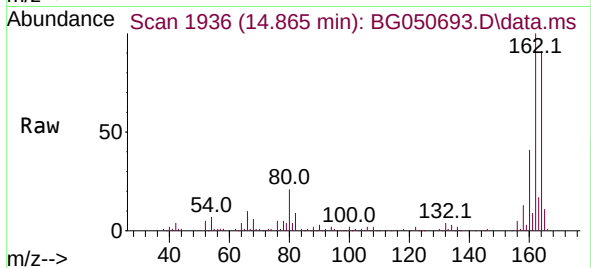




#51
2,6-Dinitrotoluene
Concen: 8.499 ng
RT: 14.865 min Scan# 1936
Delta R.T. 0.420 min
Lab File: BG050693.D
Acq: 22 Oct 2021 17:35

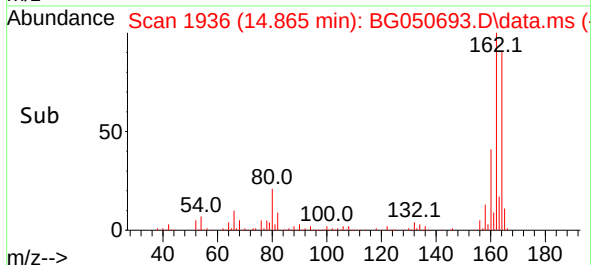
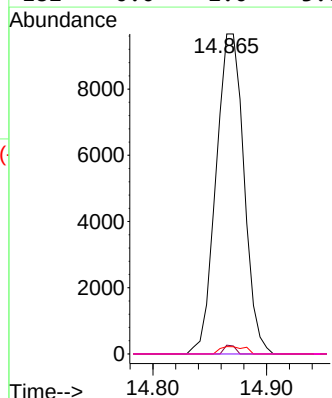
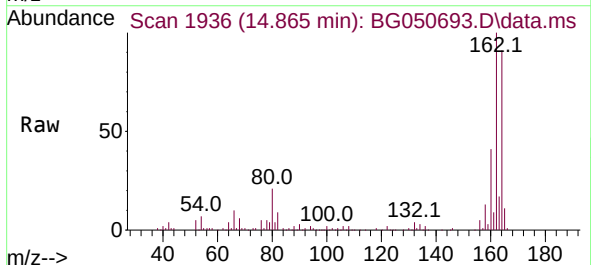
Instrument :
BNA_G
ClientSampled :
2081

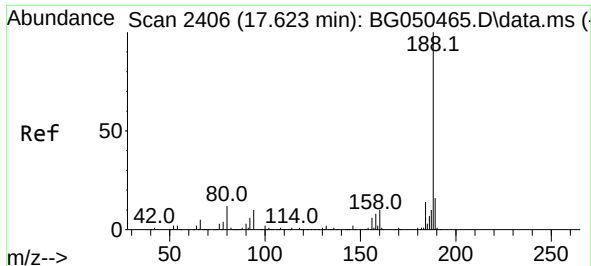
Tgt Ion:165 Resp: 16480
Ion Ratio Lower Upper
165 100
63 2.8 63.3 94.9#
89 2.3 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.030 ng
RT: 14.865 min Scan# 1936
Delta R.T. -0.362 min
Lab File: BG050693.D
Acq: 22 Oct 2021 17:35

Tgt Ion:165 Resp: 16480
Ion Ratio Lower Upper
165 100
63 2.8 48.0 72.0#
89 2.3 65.4 98.0#
182 0.0 2.0 3.0#

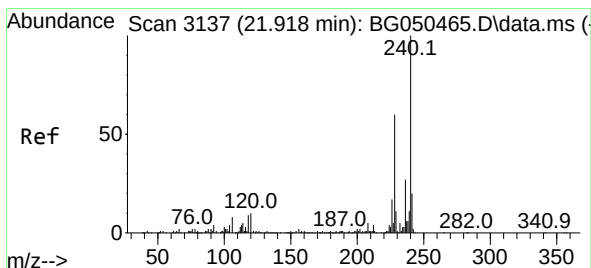
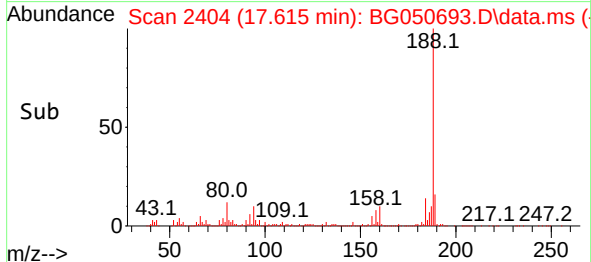
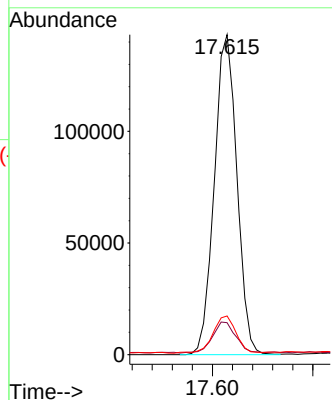
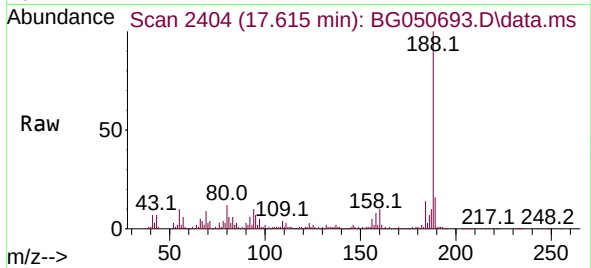




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BG050693.D
Acq: 22 Oct 2021 17:35

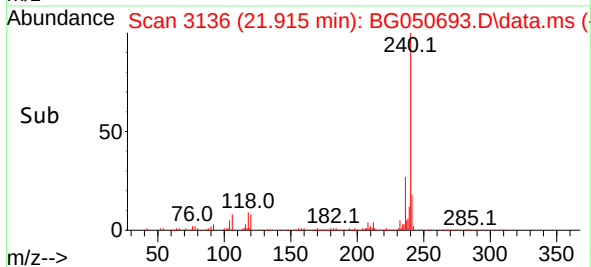
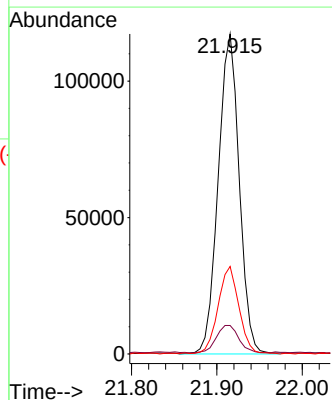
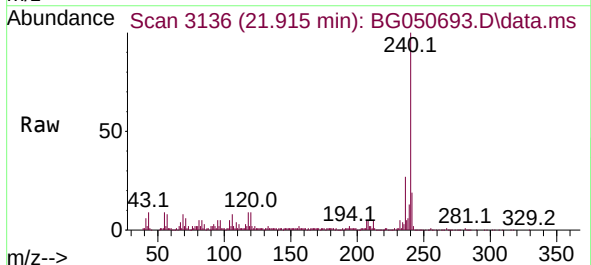
Instrument :
BNA_G
ClientSampled :
2081

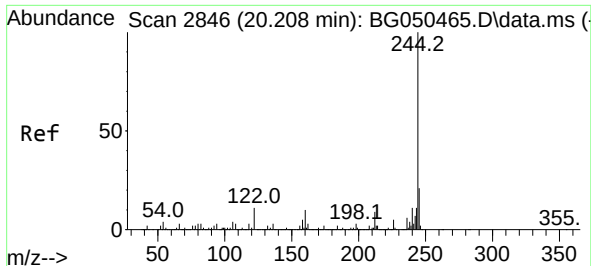
Tgt Ion:188 Resp: 223862
Ion Ratio Lower Upper
188 100
94 10.0 5.4 8.0#
80 12.1 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.915 min Scan# 3136
Delta R.T. -0.009 min
Lab File: BG050693.D
Acq: 22 Oct 2021 17:35

Tgt Ion:240 Resp: 201545
Ion Ratio Lower Upper
240 100
120 8.9 4.2 6.2#
236 27.3 21.8 32.6

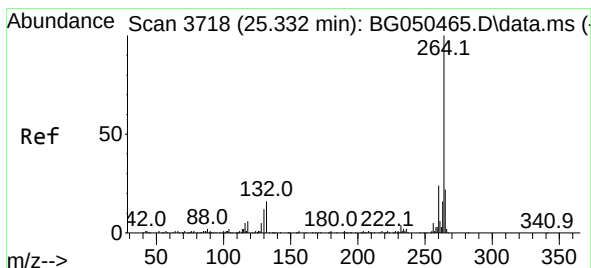
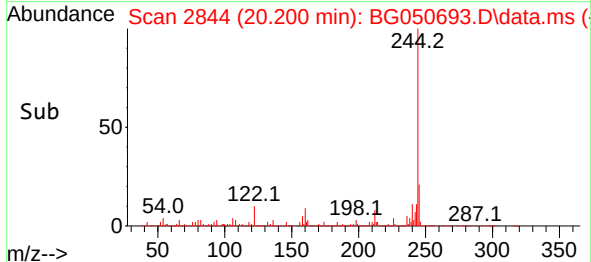
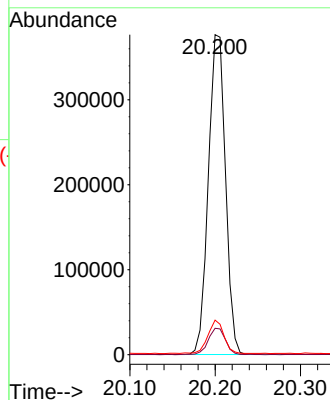
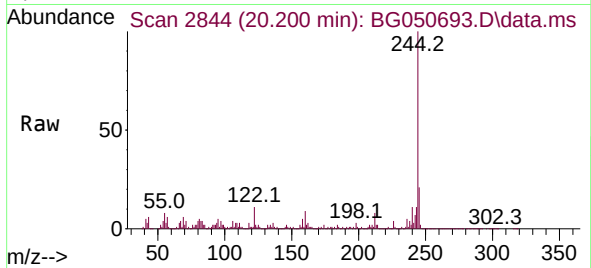




#79
Terphenyl-d14
Concen: 50.805 ng
RT: 20.200 min Scan# 2844
Delta R.T. -0.009 min
Lab File: BG050693.D
Acq: 22 Oct 2021 17:35

Instrument :
BNA_G
ClientSampleId :
2081

Tgt Ion:244 Resp: 525421
Ion Ratio Lower Upper
244 100
212 8.2 6.9 10.3
122 10.8 5.0 7.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.323 min Scan# 3716
Delta R.T. -0.009 min
Lab File: BG050693.D
Acq: 22 Oct 2021 17:35

Tgt Ion:264 Resp: 200647
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 21.3 16.9 25.3

