

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092022\
 Data File : BG054985.D
 Acq On : 20 Sep 2022 13:57
 Operator : CG/JU
 Sample : N4648-01DL3 50X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 20 14:38:51 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)

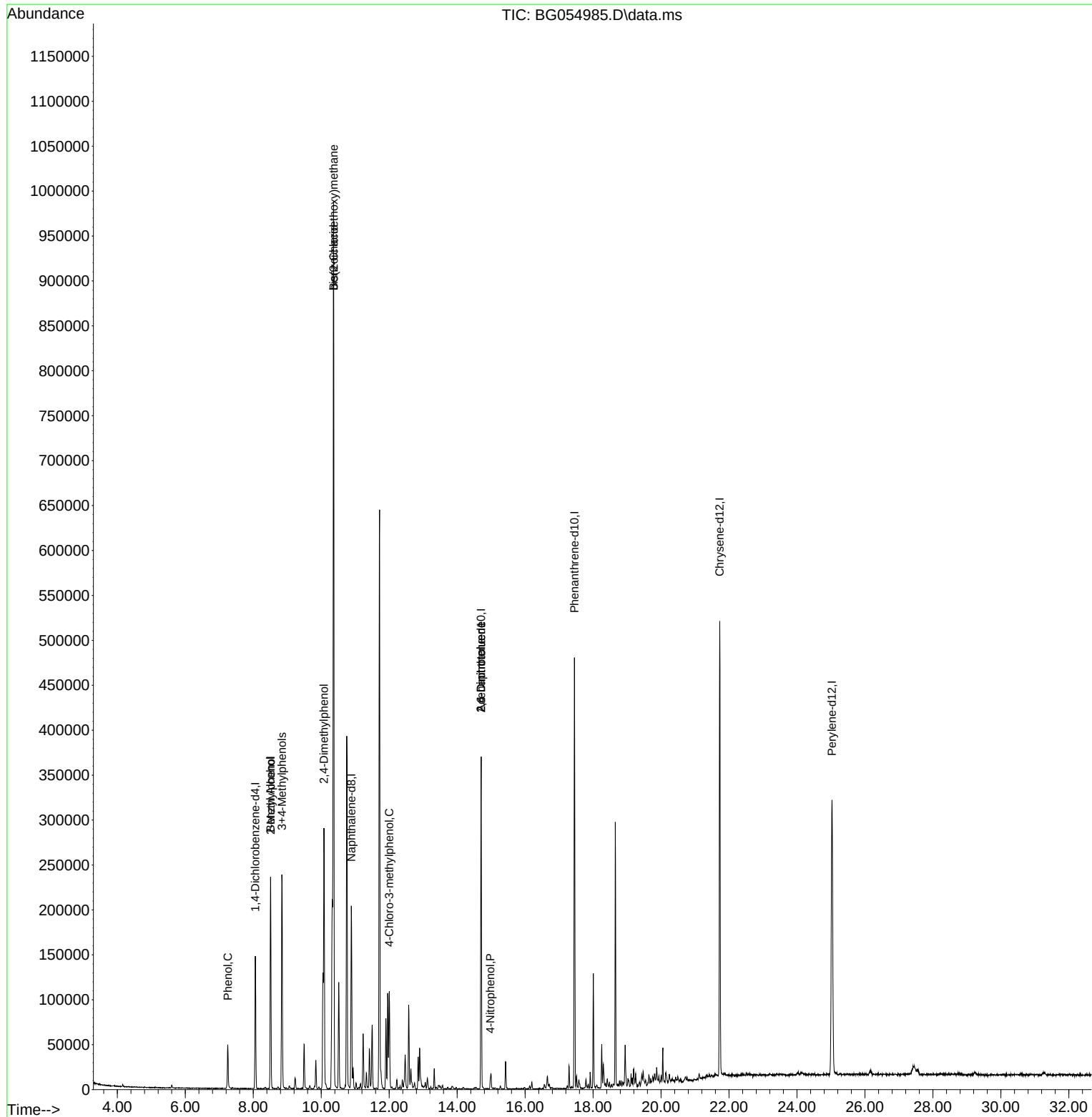
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	46053	20.000	ng	0.00
21) Naphthalene-d8	10.887	136	187813	20.000	ng	# 0.00
39) Acenaphthene-d10	14.706	164	133655	20.000	ng	0.00
64) Phenanthrene-d10	17.450	188	322294	20.000	ng	0.00
76) Chrysene-d12	21.727	240	325126	20.000	ng	0.00
86) Perylene-d12	25.029	264	345902	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	2161	0.918	ng	0.00
7) Phenol-d6	7.220	99	1940	0.615	ng	0.00
23) Nitrobenzene-d5	9.241	82	4953	1.529	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	2547	1.627	ng	0.00
45) 2-Fluorobiphenyl	13.325	172	13704	1.616	ng	0.00
79) Terphenyl-d14	20.052	244	19389	1.247	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.250	94	32705	9.566	ng	92
15) Benzyl Alcohol	8.507	79	34003	14.737	ng	# 1
17) 2-Methylphenol	8.513	107	83011	34.445	ng	99
20) 3+4-Methylphenols	8.842	107	109692	32.539	ng	96
27) 2,4-Dimethylphenol	10.082	122	137603	57.022	ng	# 85
28) bis(2-Chloroethoxy)met...	10.364	93	17827	5.145	ng	# 1
32) Benzoic acid	10.364	122	424426	645.875	ng	# 14
36) 4-Chloro-3-methylphenol	12.003	107	13205	4.292	ng	# 18
51) 2,6-Dinitrotoluene	14.706	165	17612	8.185	ng	# 20
56) 4-Nitrophenol	14.976	139	254	4.317	ng	# 6
57) 2,4-Dinitrotoluene	14.706	165	17612	5.754	ng	# 18

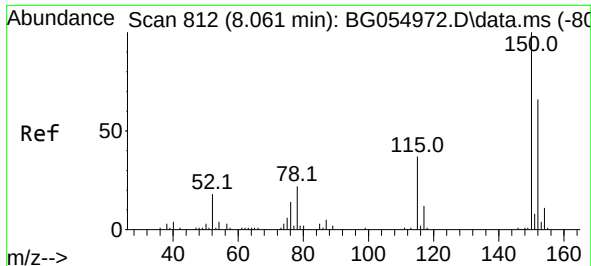
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092022\
Data File : BG054985.D
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

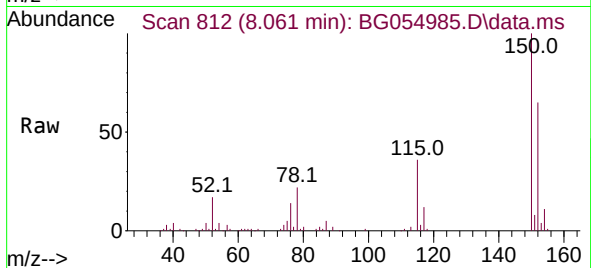
Quant Time: Sep 20 14:38:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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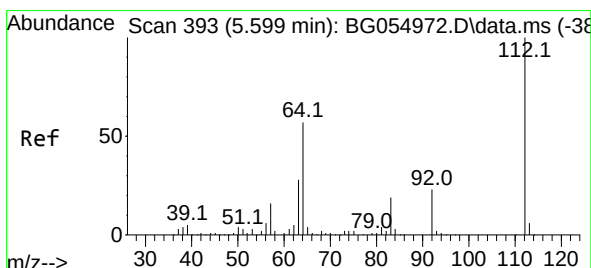
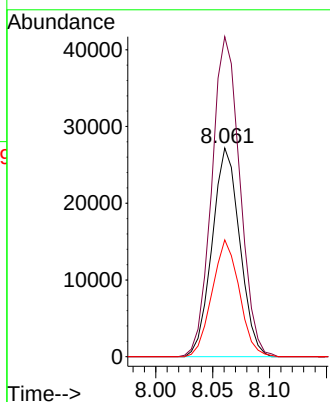
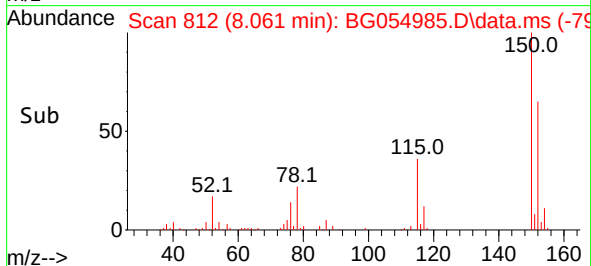


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.061 min Scan# 812
Delta R.T. -0.000 min
Lab File: BG054985.D
Acq: 20 Sep 2022 13:57

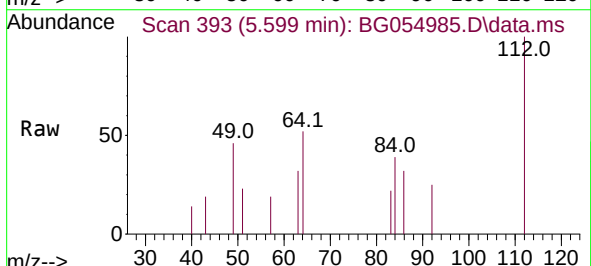
Instrument :
BNA_G
ClientSampleId :



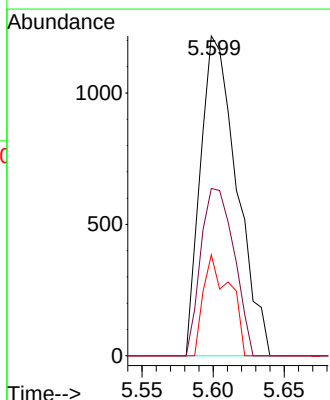
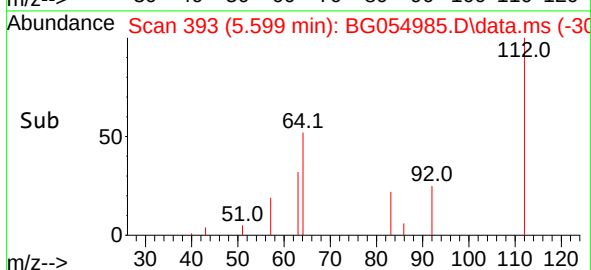
Tgt Ion:152 Resp: 46053
Ion Ratio Lower Upper
152 100
150 153.4 125.2 187.8
115 56.0 47.9 71.9

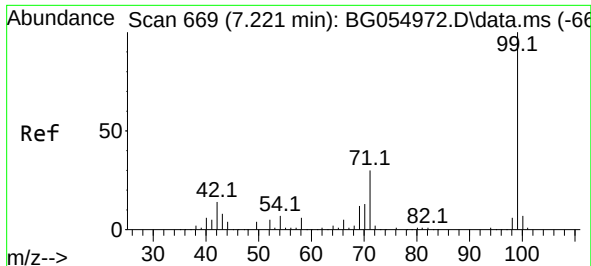


#5
2-Fluorophenol
Concen: 0.918 ng
RT: 5.599 min Scan# 393
Delta R.T. -0.000 min
Lab File: BG054985.D
Acq: 20 Sep 2022 13:57



Tgt Ion:112 Resp: 2161
Ion Ratio Lower Upper
112 100
64 52.3 49.3 73.9
63 31.6 26.3 39.5

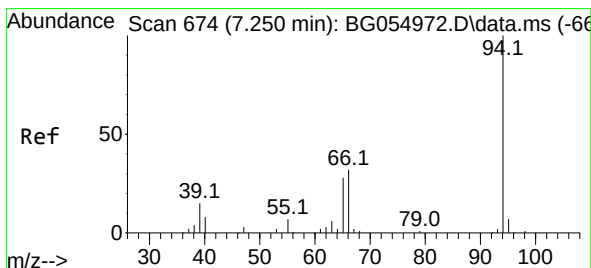
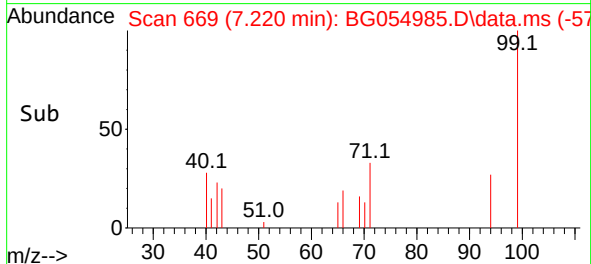
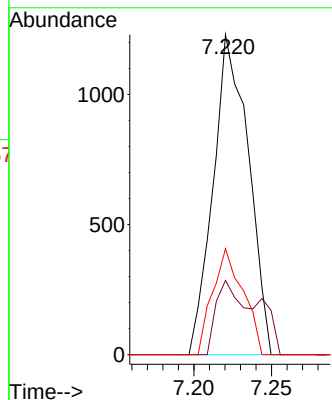
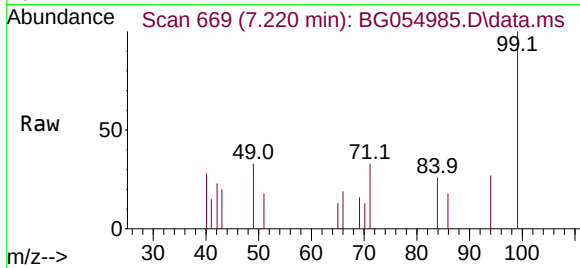




#7
Phenol-d6
Concen: 0.615 ng
RT: 7.220 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG054985.D
Acq: 20 Sep 2022 13:57

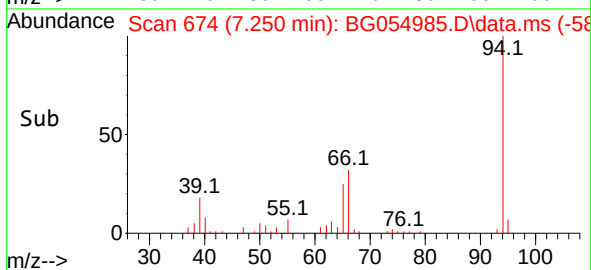
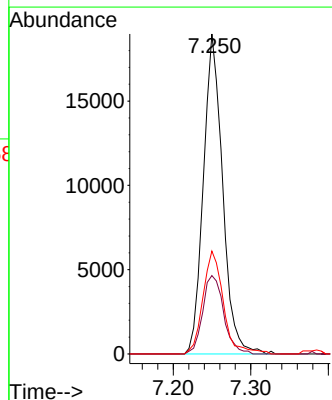
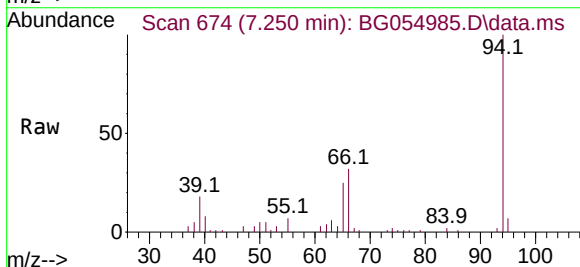
Instrument :
BNA_G
ClientSampleId :

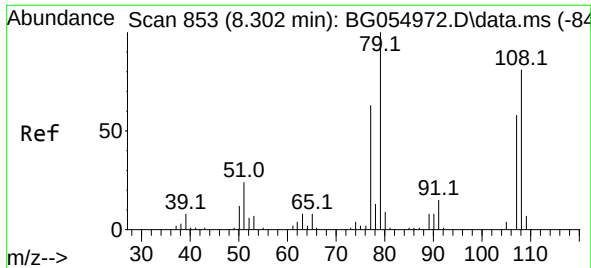
Tgt Ion: 99 Resp: 1940
Ion Ratio Lower Upper
99 100
42 23.2 14.6 22.0#
71 33.1 24.6 37.0



#10
Phenol
Concen: 9.566 ng
RT: 7.250 min Scan# 674
Delta R.T. -0.000 min
Lab File: BG054985.D
Acq: 20 Sep 2022 13:57

Tgt Ion: 94 Resp: 32705
Ion Ratio Lower Upper
94 100
65 24.5 9.9 49.9
66 32.1 16.4 56.4

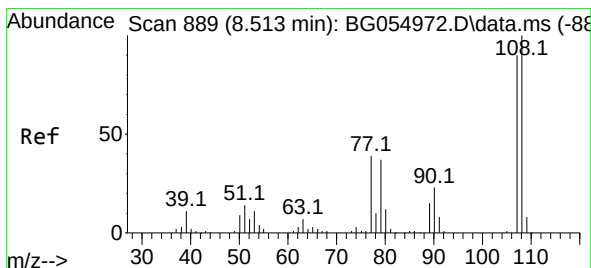
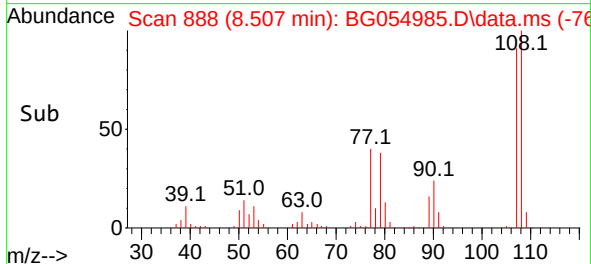
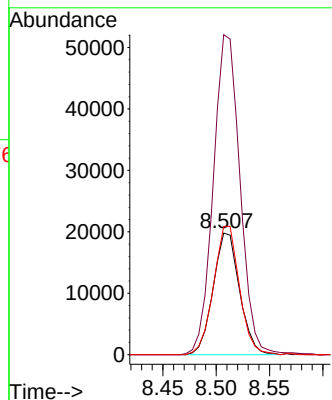
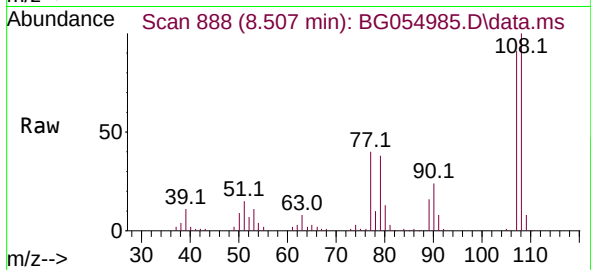




#15
Benzyl Alcohol
Concen: 14.737 ng
RT: 8.507 min Scan# 81
Delta R.T. 0.205 min
Lab File: BG054985.D
Acq: 20 Sep 2022 13:57

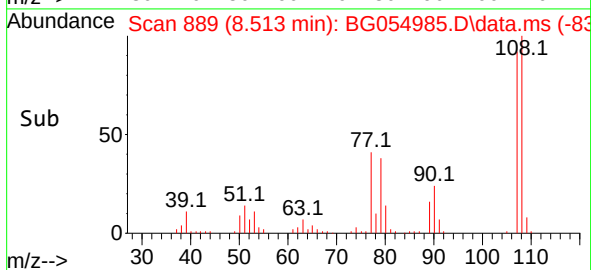
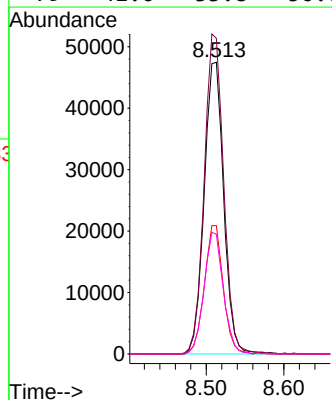
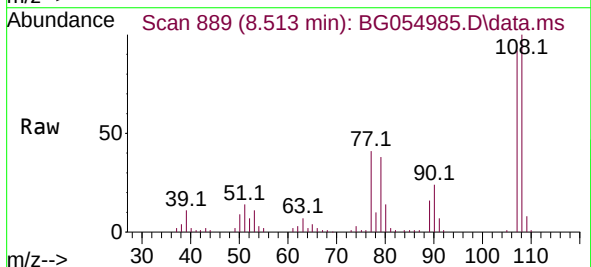
Instrument :
BNA_G
ClientSampleId :

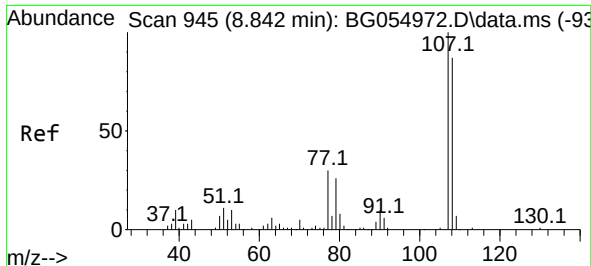
Tgt Ion: 79 Resp: 34003
Ion Ratio Lower Upper
79 100
108 263.0 63.4 95.0#
77 105.5 55.0 82.4#



#17
2-Methylphenol
Concen: 34.445 ng
RT: 8.513 min Scan# 889
Delta R.T. -0.000 min
Lab File: BG054985.D
Acq: 20 Sep 2022 13:57

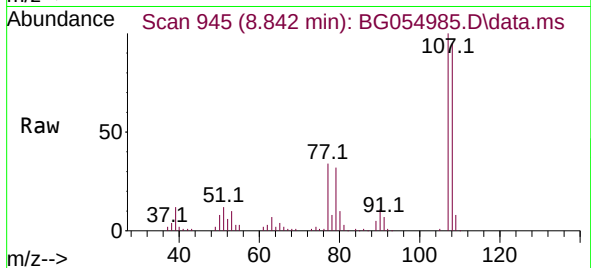
Tgt Ion: 107 Resp: 83011
Ion Ratio Lower Upper
107 100
108 108.2 85.6 128.4
77 44.0 35.8 53.8
79 41.0 33.8 50.6



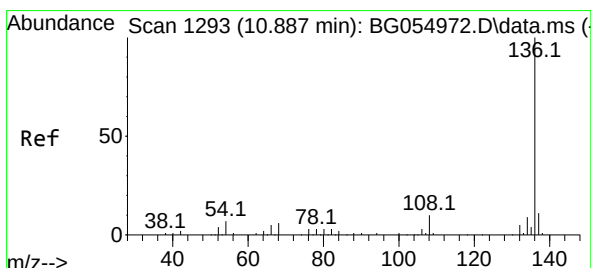
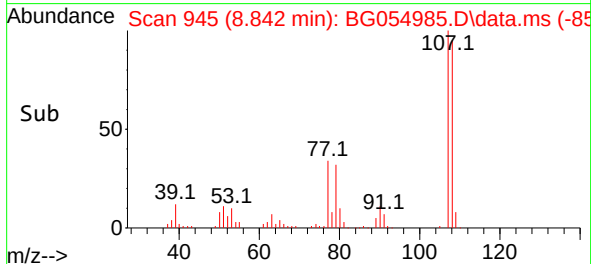
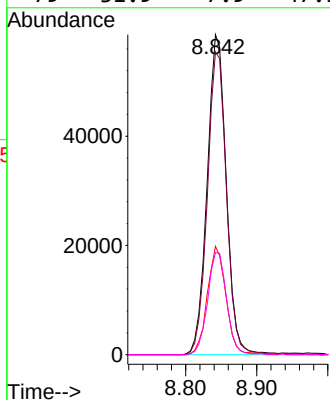


#20
3+4-Methylphenols
Concen: 32.539 ng
RT: 8.842 min Scan# 945
Delta R.T. -0.000 min
Lab File: BG054985.D
Acq: 20 Sep 2022 13:57

Instrument :
BNA_G
ClientSampleId :

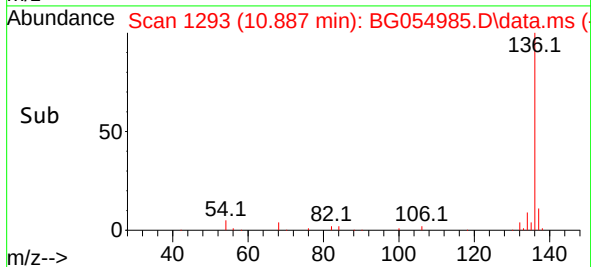
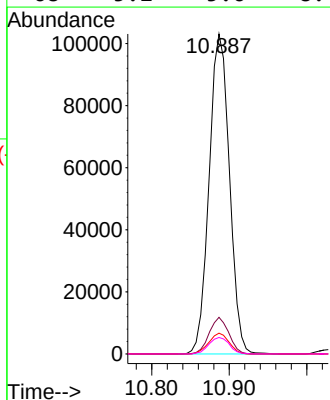
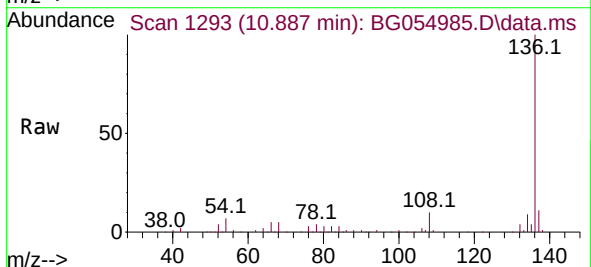


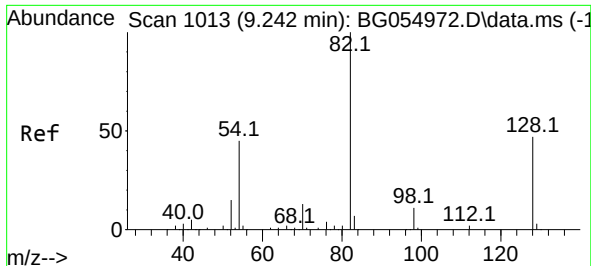
Tgt Ion:	107	Resp:	109692
Ion	Ratio	Lower	Upper
107	100		
108	94.6	71.6	111.6
77	33.9	13.1	53.1
79	31.9	7.9	47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.887 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BG054985.D
Acq: 20 Sep 2022 13:57

Tgt Ion:	136	Resp:	187813
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	6.5	7.7	11.5#
68	5.2	5.6	8.4#





#23

Nitrobenzene-d5

Concen: 1.529 ng

RT: 9.241 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BG054985.D

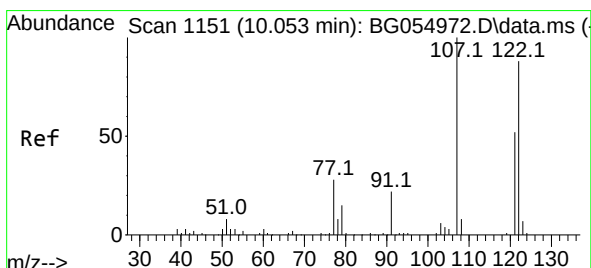
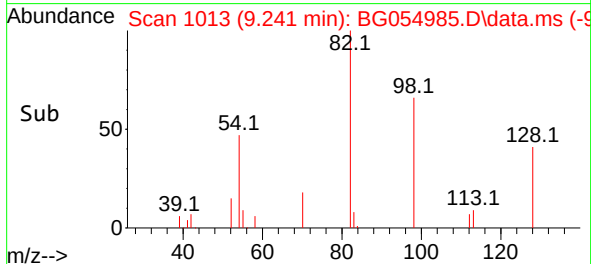
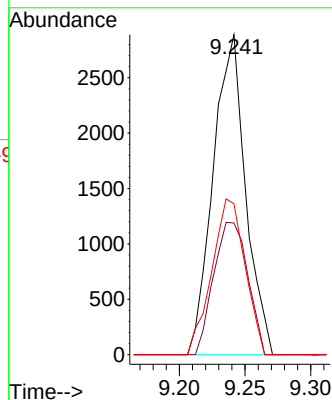
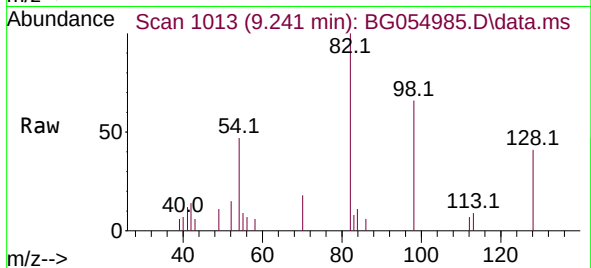
Acq: 20 Sep 2022 13:57

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	82	Resp:	4953
Ion Ratio	Lower	Upper	
82	100		
128	41.1	32.2	48.2
54	47.1	41.4	62.0



#27

2,4-Dimethylphenol

Concen: 57.022 ng

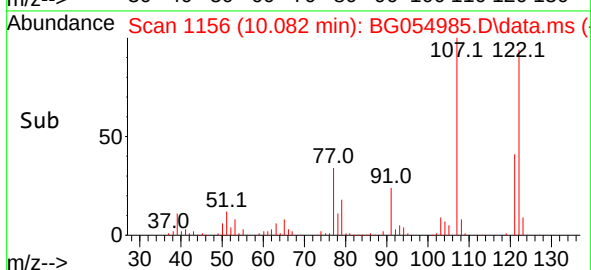
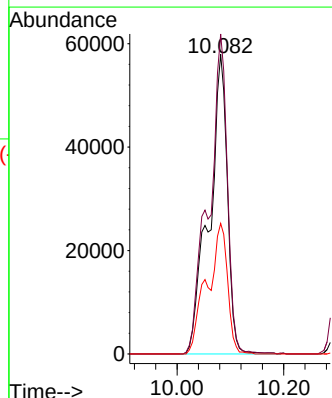
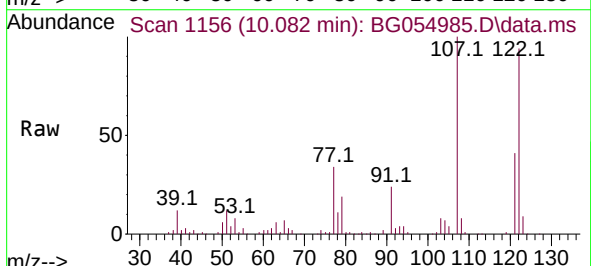
RT: 10.082 min Scan# 1156

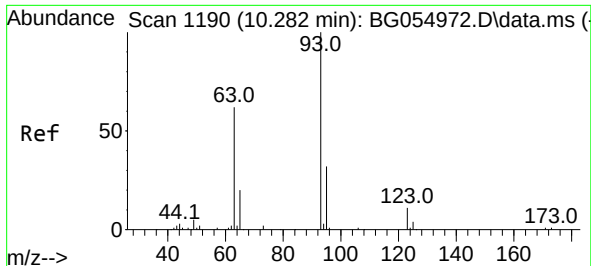
Delta R.T. 0.029 min

Lab File: BG054985.D

Acq: 20 Sep 2022 13:57

Tgt Ion:	122	Resp:	137603
Ion Ratio	Lower	Upper	
122	100		
107	106.8	94.6	142.0
121	43.6	49.8	74.6#

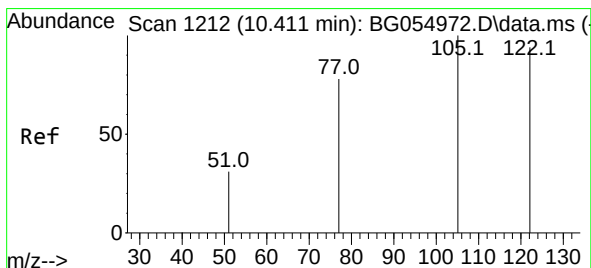
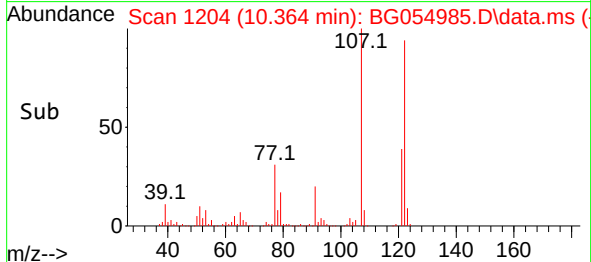
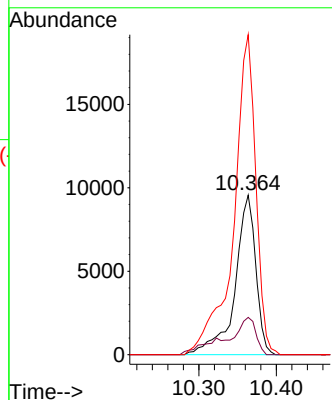
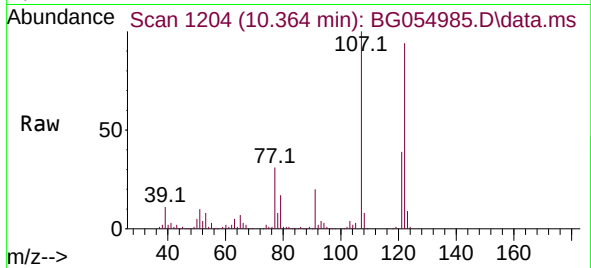




#28
bis(2-Chloroethoxy)methane
Concen: 5.145 ng
RT: 10.364 min Scan# 1190
Delta R.T. 0.082 min
Lab File: BG054985.D
Acq: 20 Sep 2022 13:57

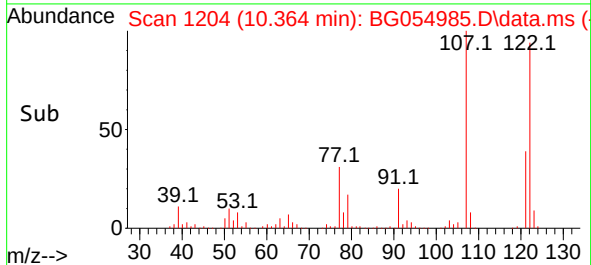
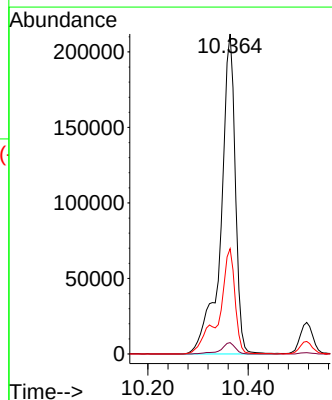
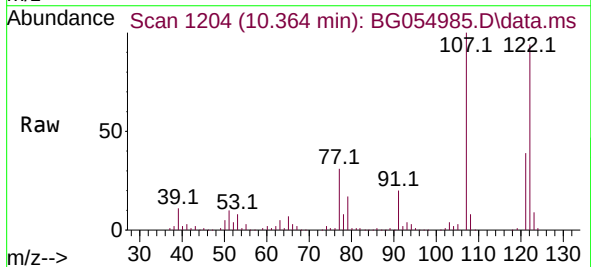
Instrument :
BNA_G
ClientSampleId :

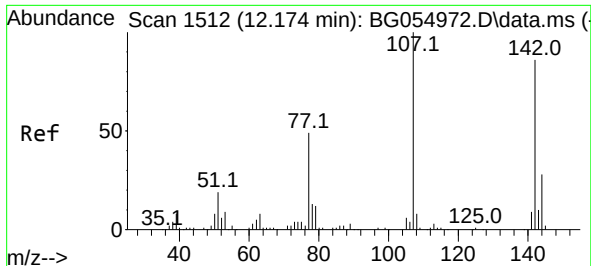
Tgt Ion: 93 Resp: 17827
Ion Ratio Lower Upper
93 100
95 23.3 26.2 39.2#
123 200.6 8.4 12.6#



#32
Benzoic acid
Concen: 645.875 ng
RT: 10.364 min Scan# 1204
Delta R.T. -0.047 min
Lab File: BG054985.D
Acq: 20 Sep 2022 13:57

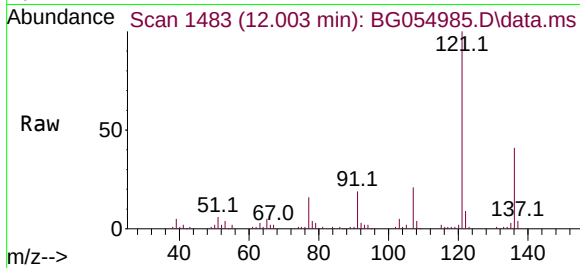
Tgt Ion:122 Resp: 424426
Ion Ratio Lower Upper
122 100
105 3.5 101.5 141.5#
77 32.9 69.3 109.3#



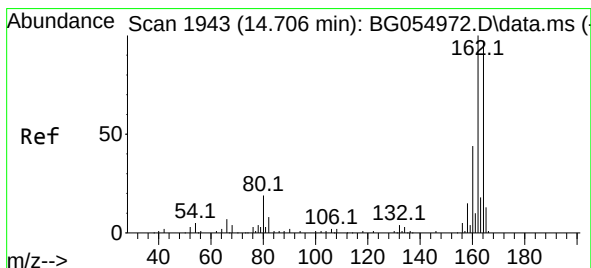
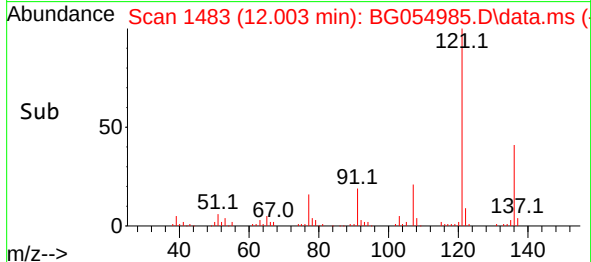
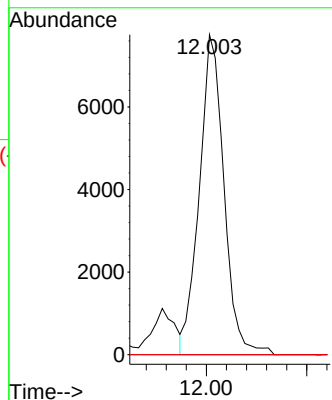


#36
4-Chloro-3-methylphenol
Concen: 4.292 ng
RT: 12.003 min Scan# 14
Delta R.T. -0.171 min
Lab File: BG054985.D
Acq: 20 Sep 2022 13:57

Instrument :
BNA_G
ClientSampleId :

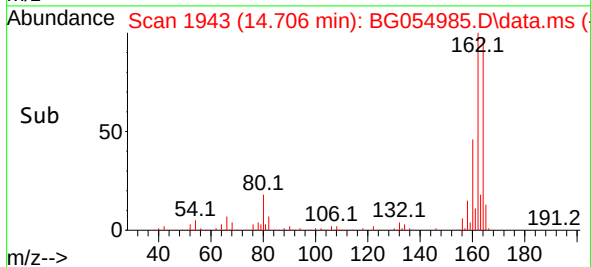
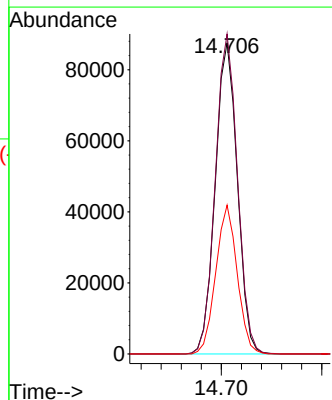
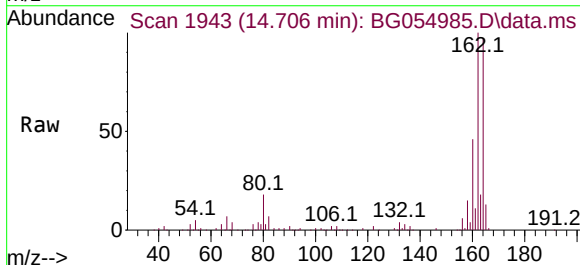


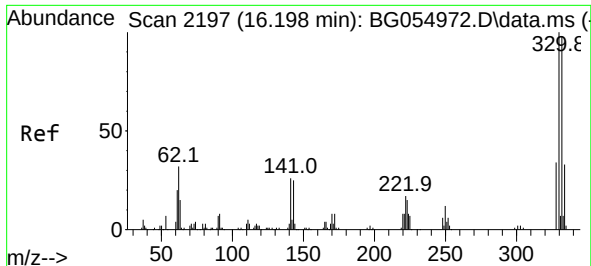
Tgt Ion:107 Resp: 13205
Ion Ratio Lower Upper
107 100
144 0.0 22.4 33.6#
142 0.0 65.8 98.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.706 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BG054985.D
Acq: 20 Sep 2022 13:57

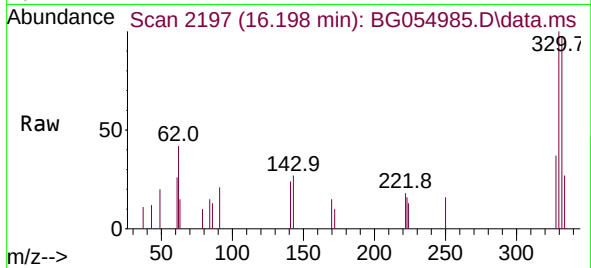
Tgt Ion:164 Resp: 133655
Ion Ratio Lower Upper
164 100
162 102.9 83.0 124.4
160 47.8 38.0 57.0



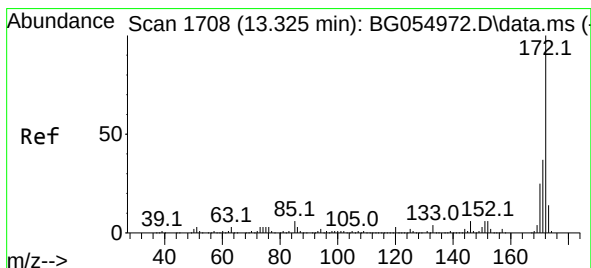
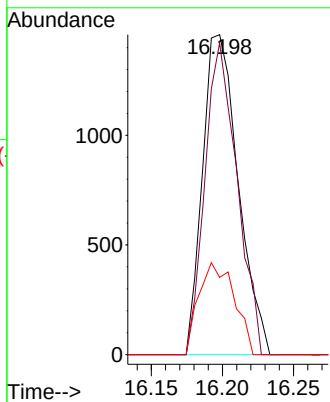
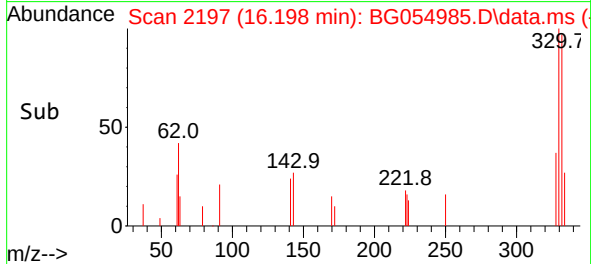


#42
2,4,6-Tribromophenol
Concen: 1.627 ng
RT: 16.198 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BG054985.D
Acq: 20 Sep 2022 13:57

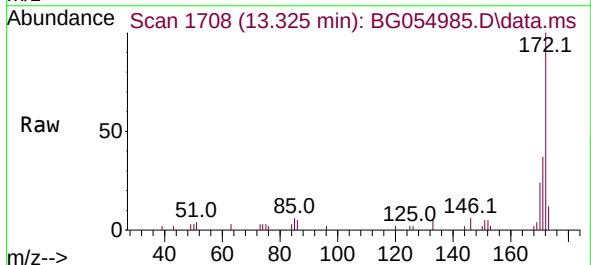
Instrument :
BNA_G
ClientSampleId :



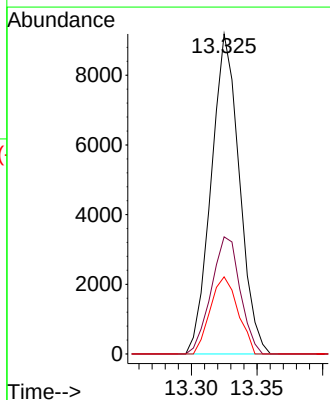
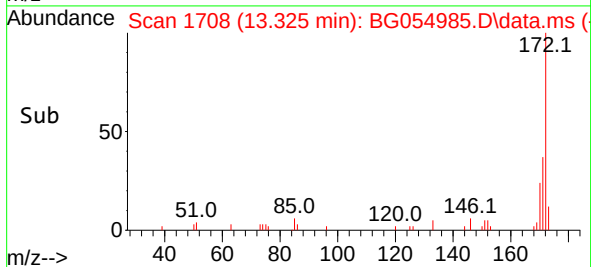
Tgt Ion:330 Resp: 2547
Ion Ratio Lower Upper
330 100
332 87.5 79.8 119.6
141 28.6 26.8 40.2

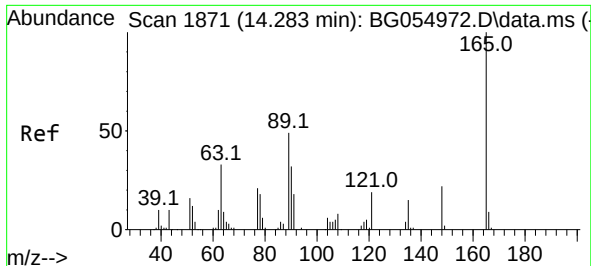


#45
2-Fluorobiphenyl
Concen: 1.616 ng
RT: 13.325 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BG054985.D
Acq: 20 Sep 2022 13:57



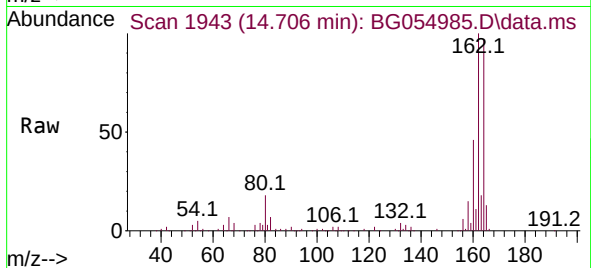
Tgt Ion:172 Resp: 13704
Ion Ratio Lower Upper
172 100
171 36.6 31.2 46.8
170 24.1 20.6 30.8



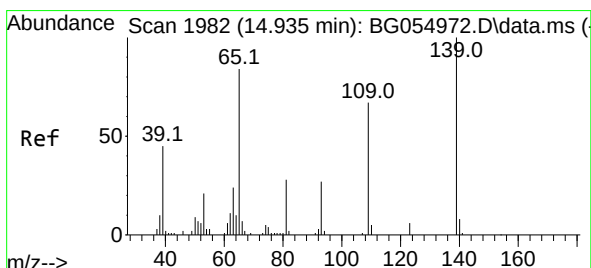
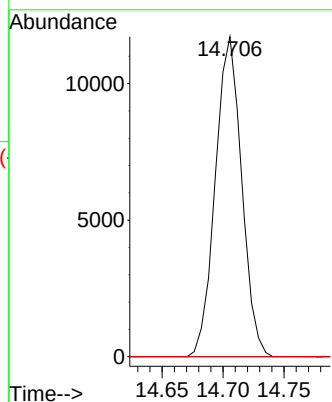
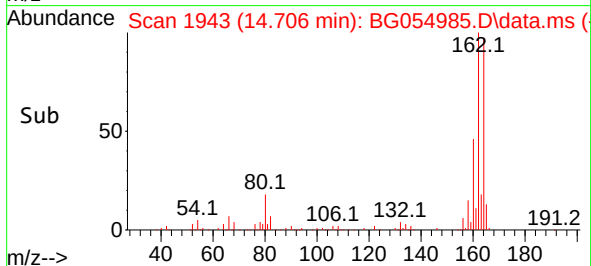


#51
2,6-Dinitrotoluene
Concen: 8.185 ng
RT: 14.706 min Scan# 1943
Delta R.T. 0.423 min
Lab File: BG054985.D
Acq: 20 Sep 2022 13:57

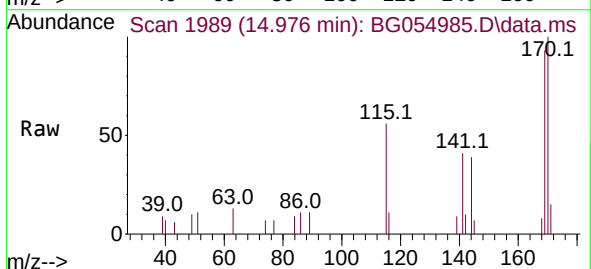
Instrument :
BNA_G
ClientSampleId :



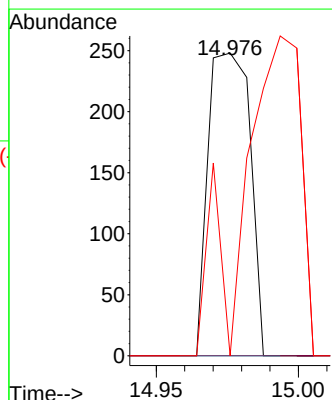
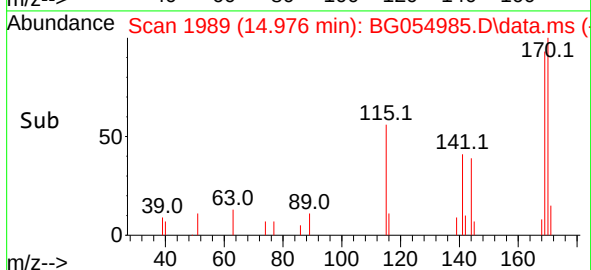
Tgt Ion:165 Resp: 17612
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#

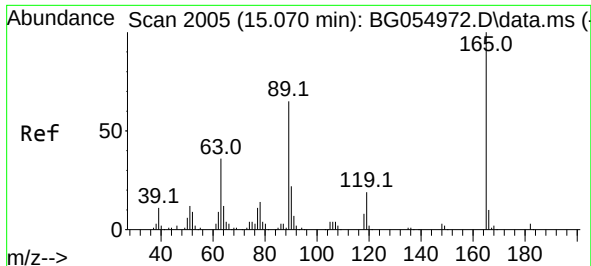


#56
4-Nitrophenol
Concen: 4.317 ng
RT: 14.976 min Scan# 1989
Delta R.T. 0.041 min
Lab File: BG054985.D
Acq: 20 Sep 2022 13:57



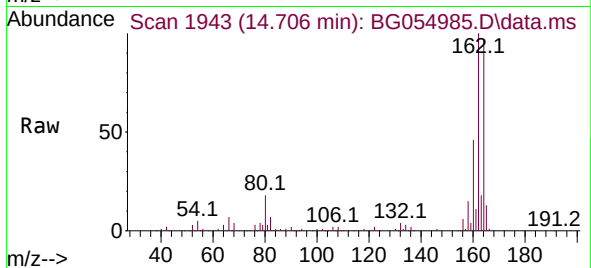
Tgt Ion:139 Resp: 254
Ion Ratio Lower Upper
139 100
109 0.0 50.5 90.5#
65 0.0 79.9 119.9#



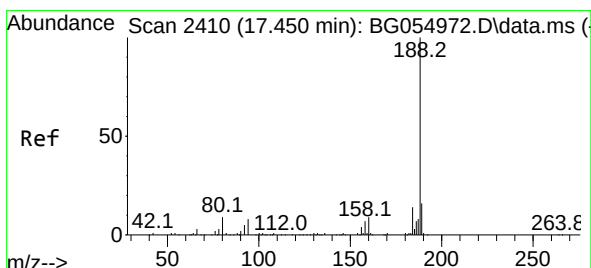
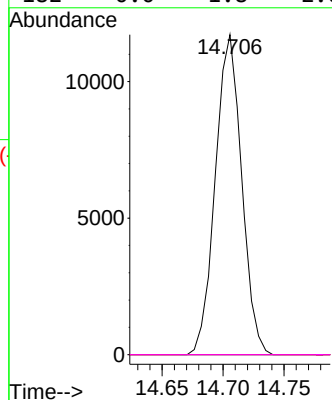
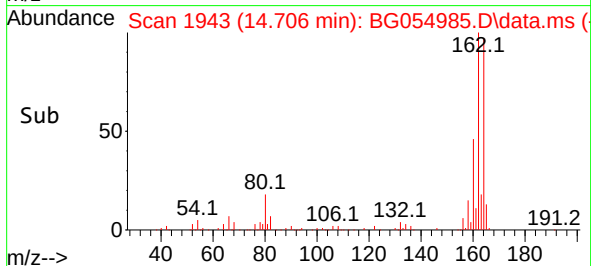


#57
2,4-Dinitrotoluene
Concen: 5.754 ng
RT: 14.706 min Scan# 1943
Delta R.T. -0.365 min
Lab File: BG054985.D
Acq: 20 Sep 2022 13:57

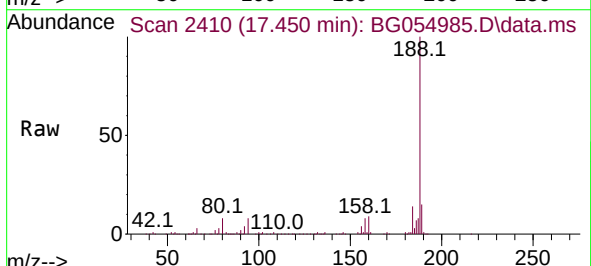
Instrument :
BNA_G
ClientSampleId :



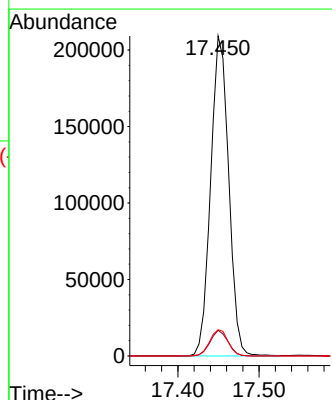
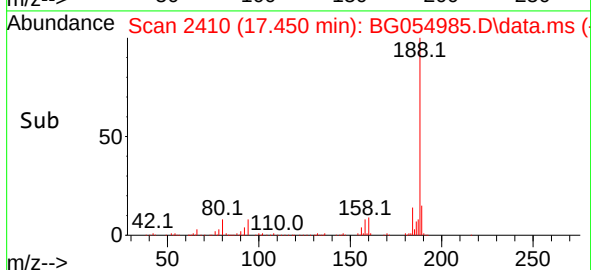
Tgt Ion:165 Resp: 17612
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#

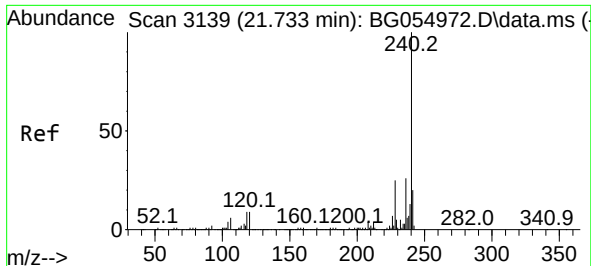


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.450 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BG054985.D
Acq: 20 Sep 2022 13:57



Tgt Ion:188 Resp: 322294
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 8.2 7.9 11.9

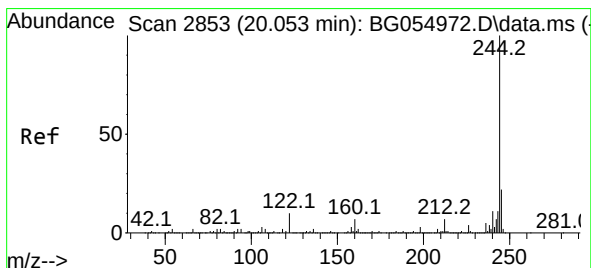
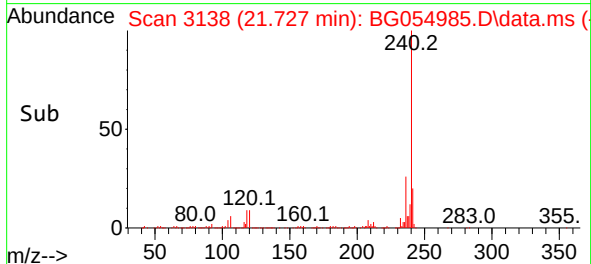
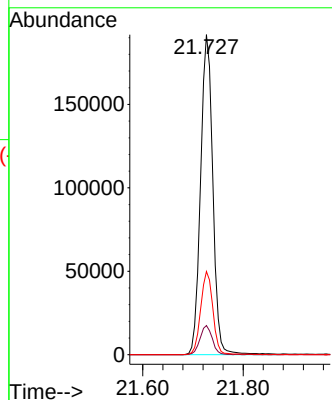
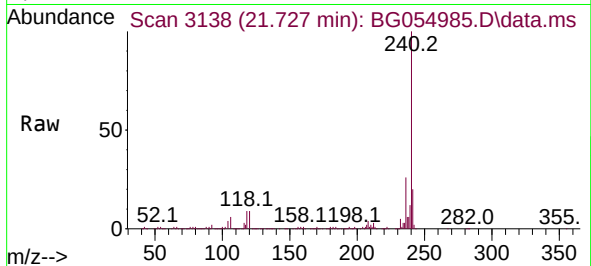




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.727 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BG054985.D
Acq: 20 Sep 2022 13:57

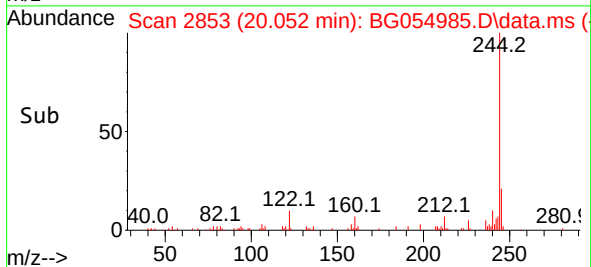
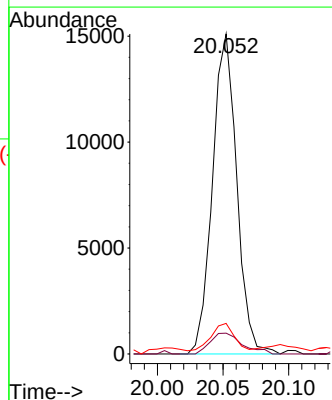
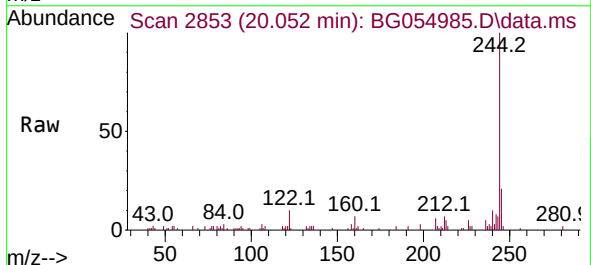
Instrument :
BNA_G
ClientSampleId :

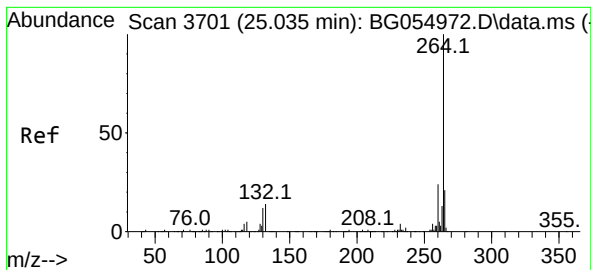
Tgt Ion:240 Resp: 325126
Ion Ratio Lower Upper
240 100
120 9.1 8.2 12.4
236 26.0 21.2 31.8



#79
Terphenyl-d14
Concen: 1.247 ng
RT: 20.052 min Scan# 2853
Delta R.T. -0.000 min
Lab File: BG054985.D
Acq: 20 Sep 2022 13:57

Tgt Ion:244 Resp: 19389
Ion Ratio Lower Upper
244 100
212 6.5 6.2 9.2
122 9.6 9.0 13.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.029 min Scan# 31

Delta R.T. -0.006 min

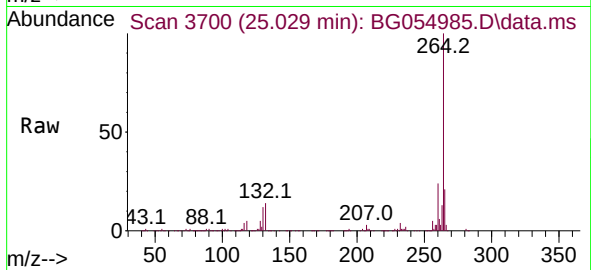
Lab File: BG054985.D

Acq: 20 Sep 2022 13:57

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:264 Resp: 345902

Ion Ratio Lower Upper

264 100

260 23.9 19.9 29.9

265 21.3 16.9 25.3

