

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102921\
 Data File : BG050788.D
 Acq On : 29 Oct 2021 22:06
 Operator : CG/JU
 Sample : M4406-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 280243

Quant Time: Oct 30 01:39:09 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)

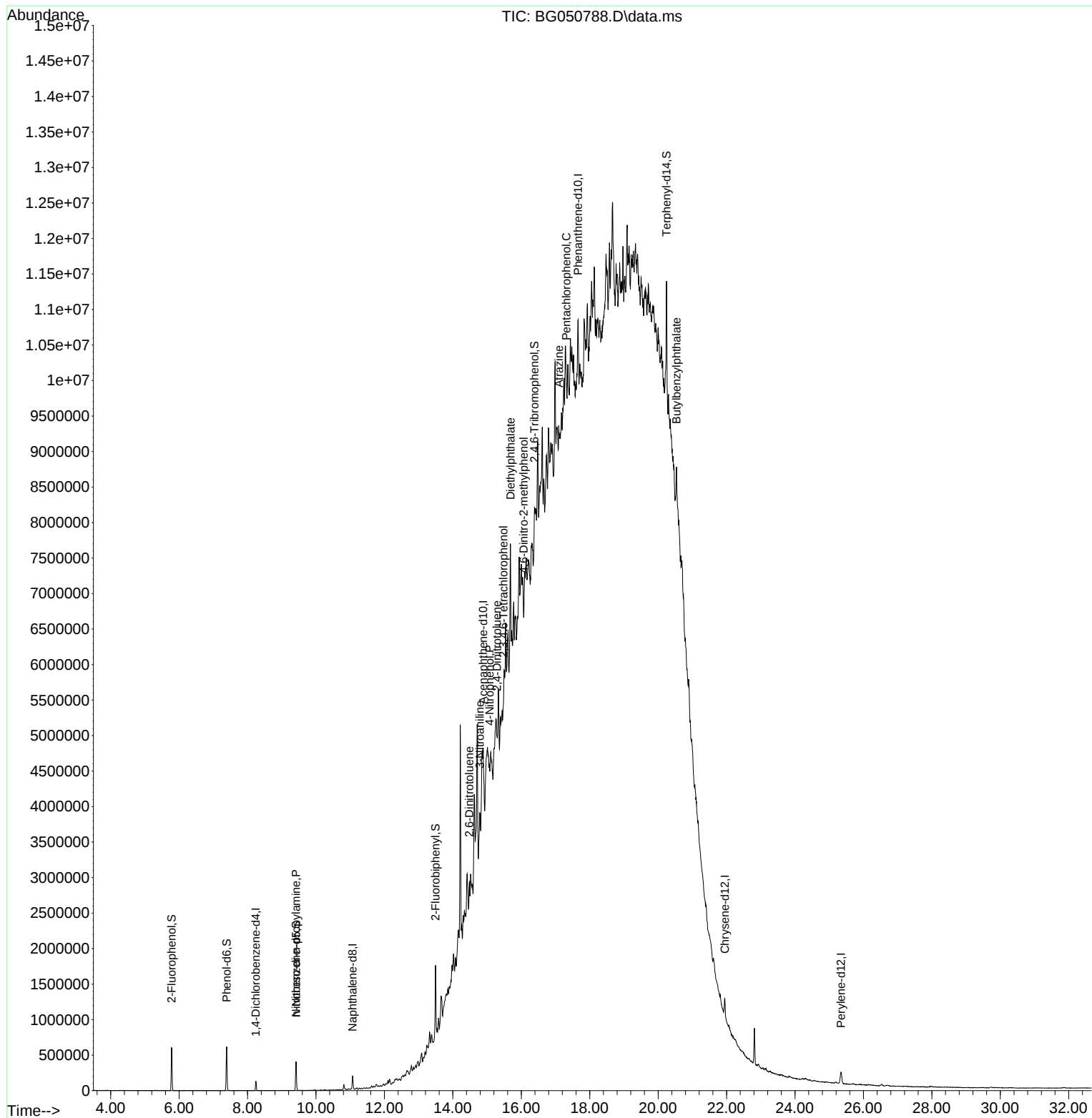
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	36332	20.000	ng	-0.02
21) Naphthalene-d8	11.068	136	157769	20.000	ng	#-0.02
39) Acenaphthene-d10	14.887	164	96884	20.000	ng	0.01
64) Phenanthrene-d10	17.660	188	172410	20.000	ng	# 0.04
76) Chrysene-d12	21.949	240	153550	20.000	ng	# 0.02
86) Perylene-d12	25.345	264	165813	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.780	112	260413	107.194	ng	-0.01
7) Phenol-d6	7.389	99	356041	101.226	ng	-0.01
23) Nitrobenzene-d5	9.417	82	267941	70.303	ng	-0.01
42) 2,4,6-Tribromophenol	16.385	330	110882	119.989	ng	0.02
45) 2-Fluorobiphenyl	13.494	172	455524	70.763	ng	-0.01
79) Terphenyl-d14	20.245	244	648591	82.318	ng	0.04
Target Compounds						Qvalue
9) Benzaldehyde	7.384	77	840	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.417	70	38050	14.842	ng	# 72
51) 2,6-Dinitrotoluene	14.487	165	25546	17.416	ng	# 16
53) 3-Nitroaniline	14.787	138	20566	11.854	ng	# 32
56) 4-Nitrophenol	15.075	139	3167	2.269	ng	# 1
57) 2,4-Dinitrotoluene	15.286	165	7249	3.506	ng	# 34
59) 2,3,4,6-Tetrachlorophenol	15.480	232	7001	3.813	ng	# 1
60) Diethylphthalate	15.686	149	23341	3.034	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.068	198	3481	3.361	ng	# 1
69) Atrazine	17.102	200	11623	6.023	ng	# 1
70) Pentachlorophenol	17.319	266	4202	3.575	ng	# 1
80) Butylbenzylphthalate	20.539	149	66624	14.458	ng	# 50

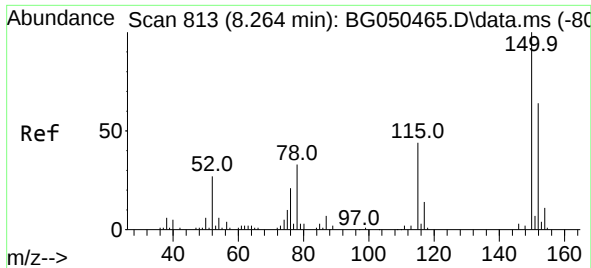
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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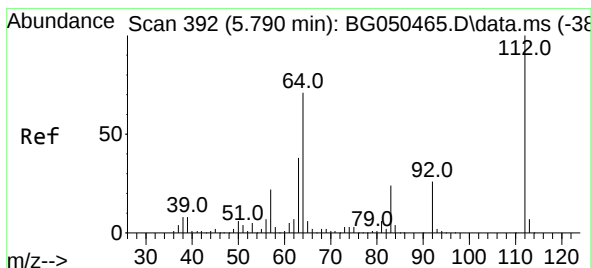
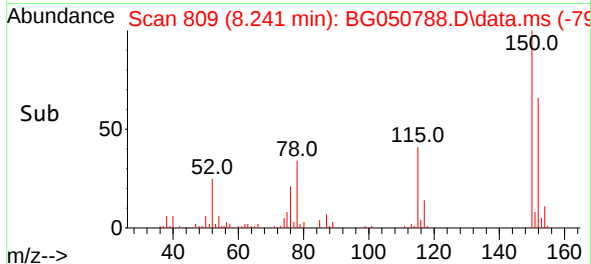
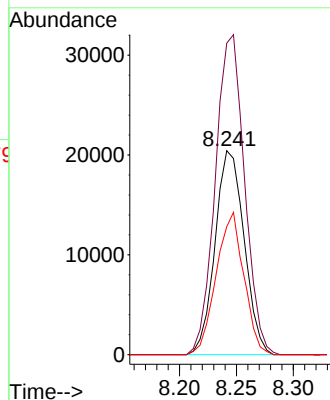
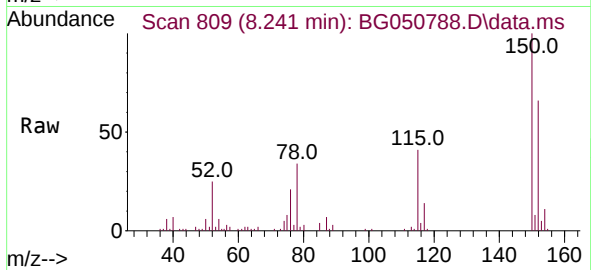




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.241 min Scan# 809
Delta R.T. -0.017 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

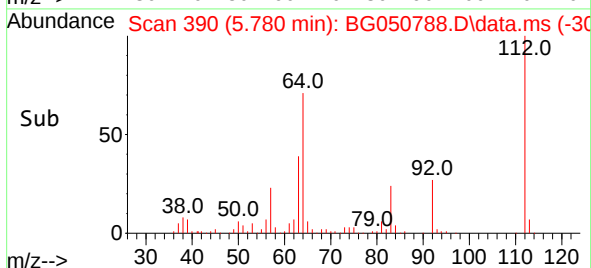
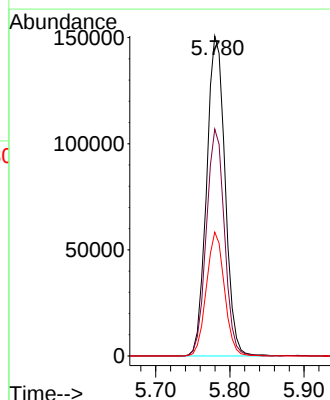
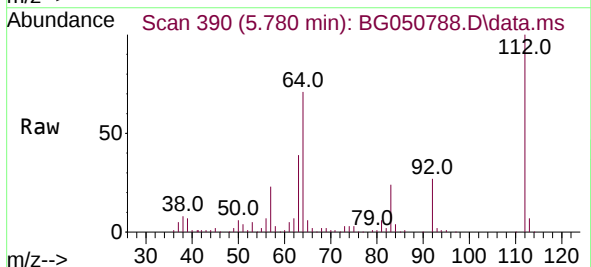
Instrument :
BNA_G
ClientSampleId :
280243

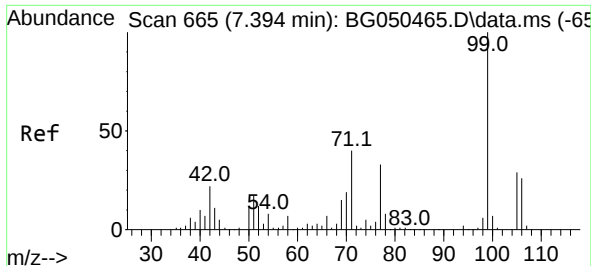
Tgt Ion:152 Resp: 36332
Ion Ratio Lower Upper
152 100
150 152.6 119.4 179.0
115 62.8 60.2 90.4



#5
2-Fluorophenol
Concen: 107.194 ng
RT: 5.780 min Scan# 390
Delta R.T. -0.011 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

Tgt Ion:112 Resp: 260413
Ion Ratio Lower Upper
112 100
64 70.9 46.7 70.1#
63 38.7 35.3 52.9

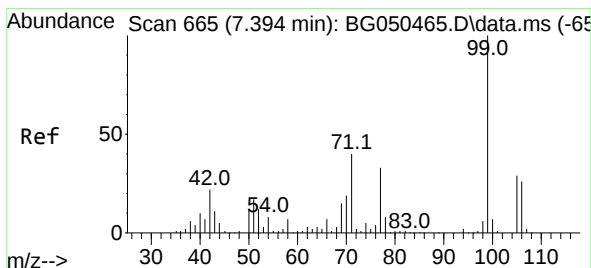
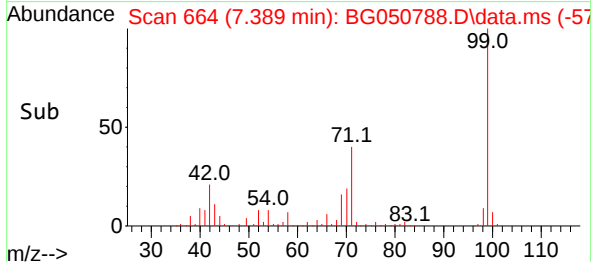
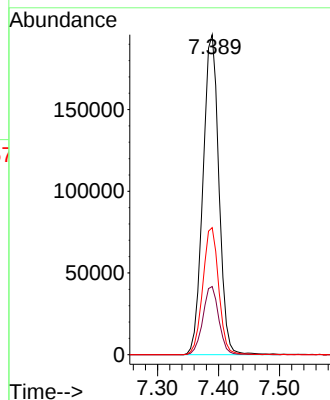
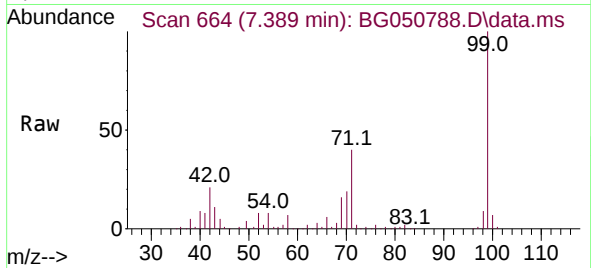




#7
Phenol-d6
Concen: 101.226 ng
RT: 7.389 min Scan# 664
Delta R.T. -0.011 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

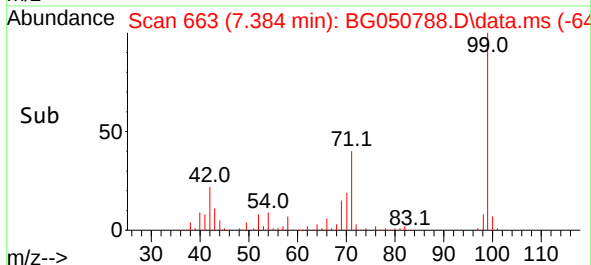
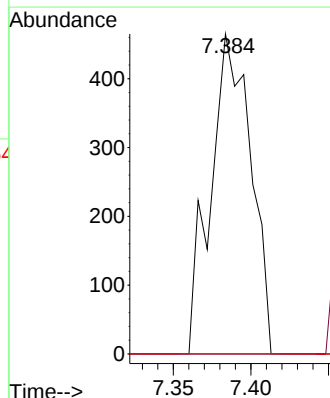
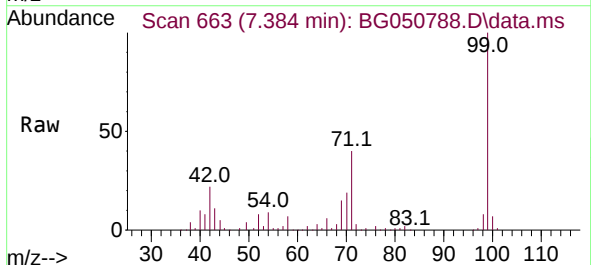
Instrument :
BNA_G
ClientSampled :
280243

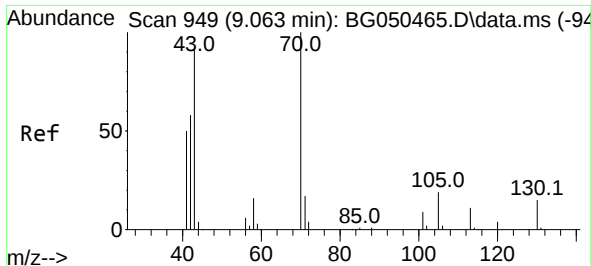
Tgt Ion: 99 Resp: 356041
Ion Ratio Lower Upper
99 100
42 21.3 20.5 30.7
71 39.7 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.384 min Scan# 663
Delta R.T. -0.005 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

Tgt Ion: 77 Resp: 840
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

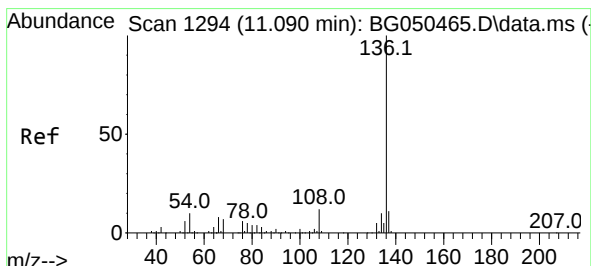
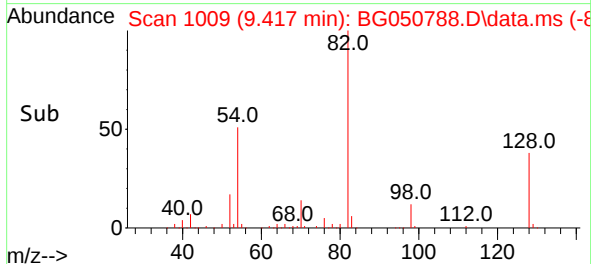
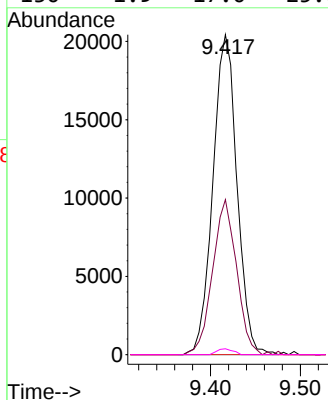
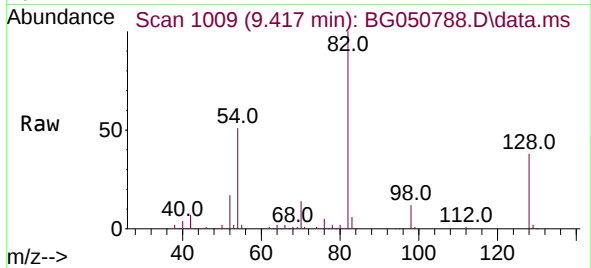




#19
n-Nitroso-di-n-propylamine
Concen: 14.842 ng
RT: 9.417 min Scan# 1009
Delta R.T. 0.359 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

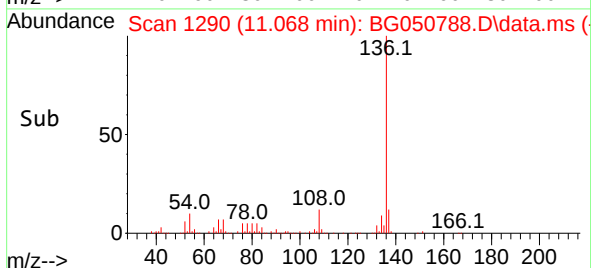
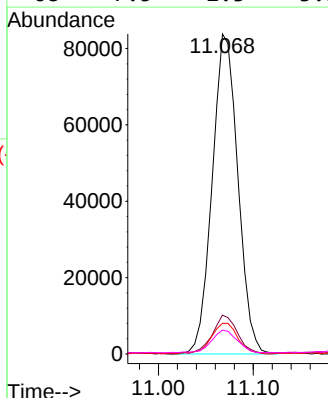
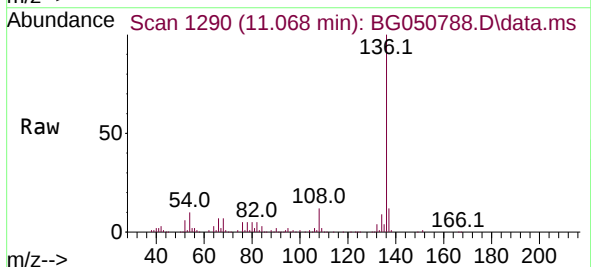
Instrument :
BNA_G
ClientSampled :
280243

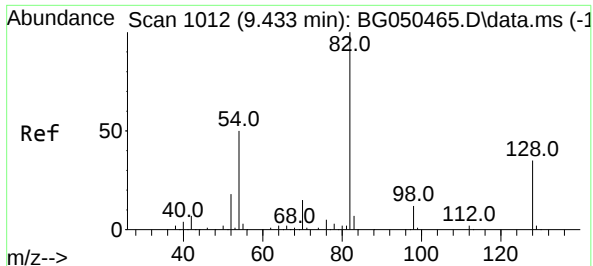
Tgt Ion:	70	Resp:	38050
Ion	Ratio	Lower	Upper
70	100		
42	48.4	54.5	81.7#
101	0.0	9.0	13.6#
130	1.9	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.068 min Scan# 1290
Delta R.T. -0.017 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

Tgt Ion:	136	Resp:	157769
Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.2	12.2
54	9.6	5.5	8.3#
68	7.5	2.3	3.5#

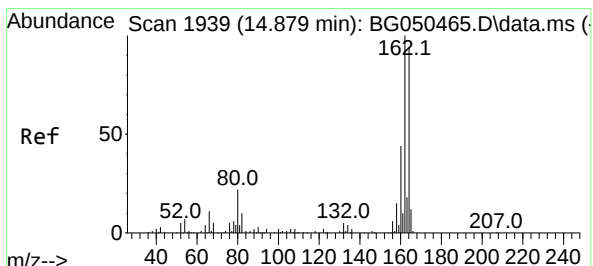
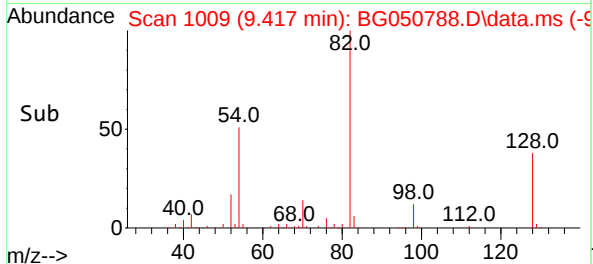
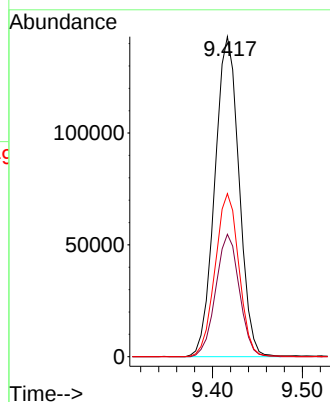
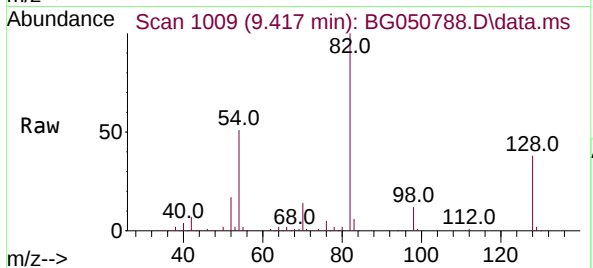




#23
Nitrobenzene-d5
Concen: 70.303 ng
RT: 9.417 min Scan# 1009
Delta R.T. -0.011 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

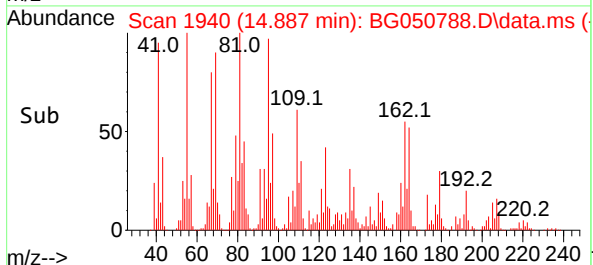
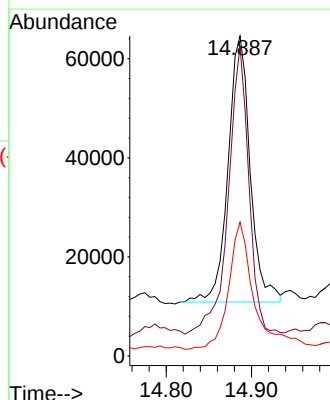
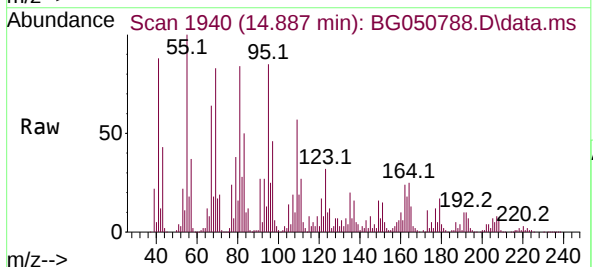
Instrument :
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ClientSampleId :
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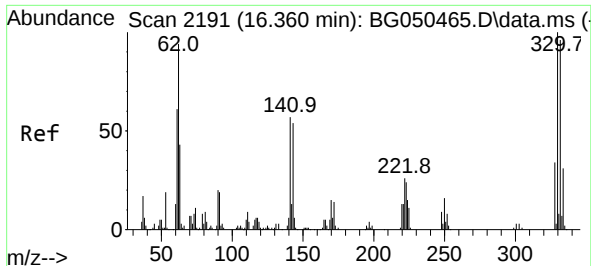
Tgt Ion: 82 Resp: 267941
Ion Ratio Lower Upper
82 100
128 38.3 29.8 44.6
54 51.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.887 min Scan# 1940
Delta R.T. 0.012 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

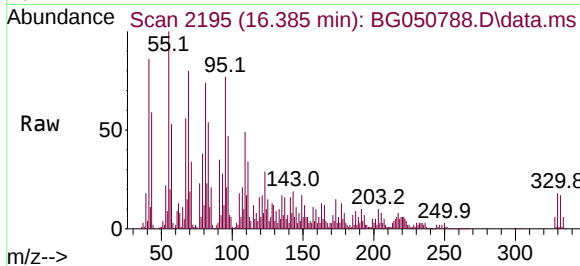
Tgt Ion:164 Resp: 96884
Ion Ratio Lower Upper
164 100
162 96.8 81.4 122.0
160 41.8 34.9 52.3



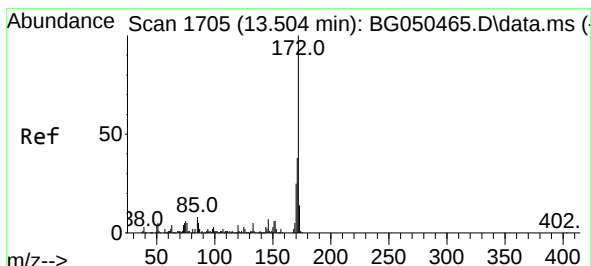
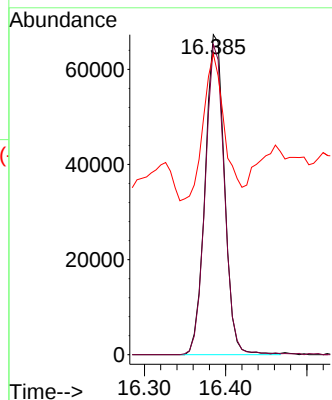
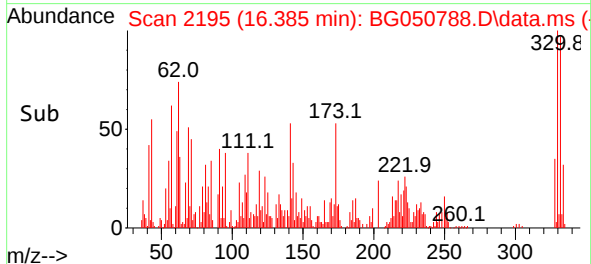


#42
2,4,6-Tribromophenol
Concen: 119.989 ng
RT: 16.385 min Scan# 2195
Delta R.T. 0.024 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

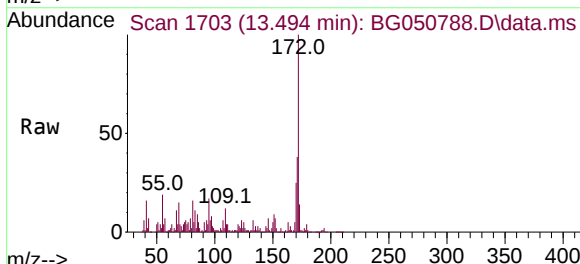
Instrument :
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ClientSampleId :
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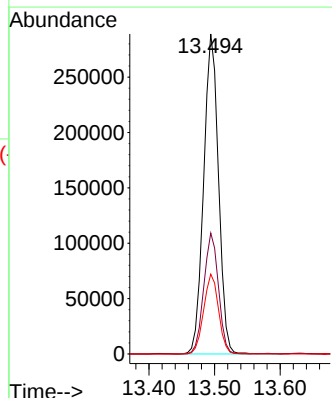
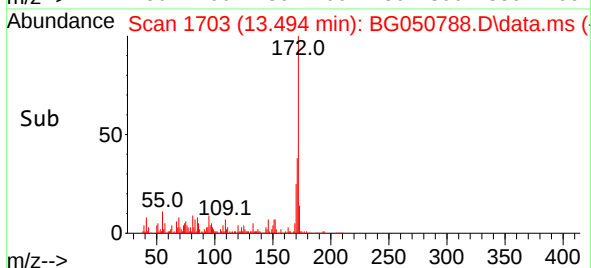
Tgt Ion:330 Resp: 110882
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 48.1 35.6 53.4

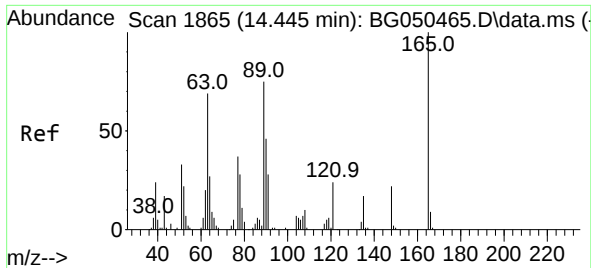


#45
2-Fluorobiphenyl
Concen: 70.763 ng
RT: 13.494 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06



Tgt Ion:172 Resp: 455524
Ion Ratio Lower Upper
172 100
171 37.8 28.6 43.0
170 24.9 18.6 27.8

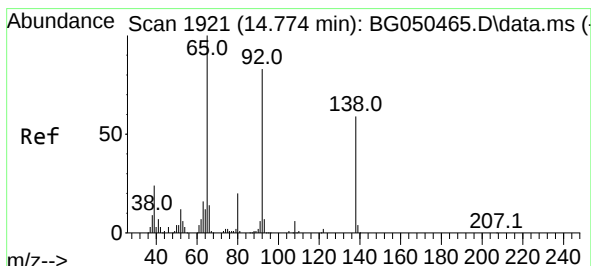
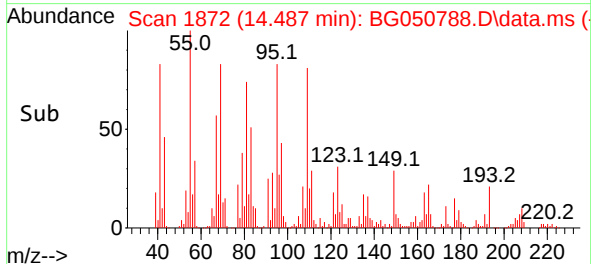
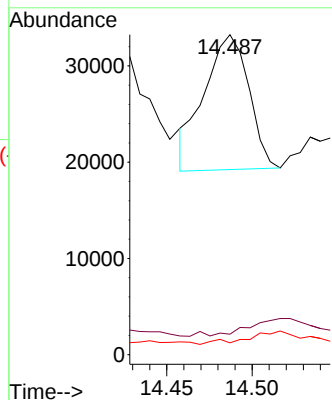
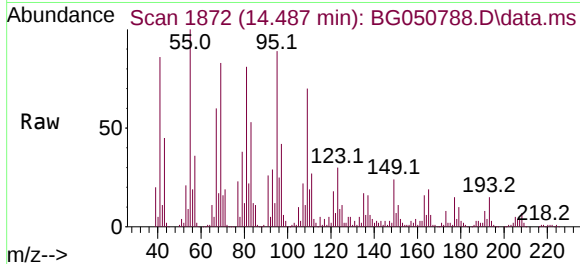




#51
2,6-Dinitrotoluene
Concen: 17.416 ng
RT: 14.487 min Scan# 1872
Delta R.T. 0.042 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

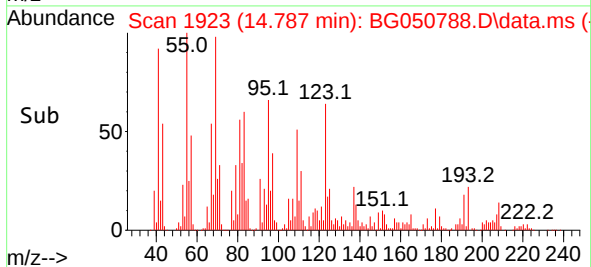
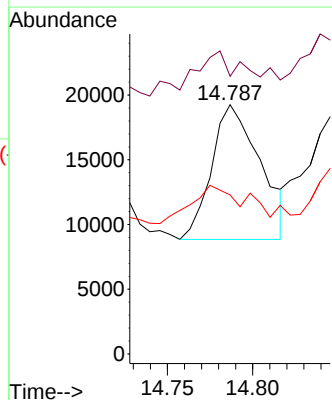
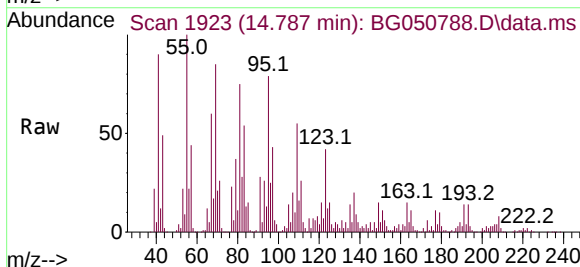
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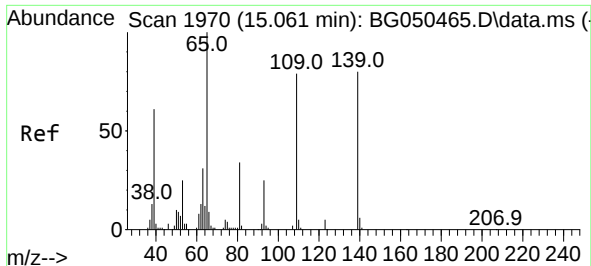
Tgt Ion:165 Resp: 25546
Ion Ratio Lower Upper
165 100
63 6.4 63.3 94.9#
89 3.7 63.4 95.0#



#53
3-Nitroaniline
Concen: 11.854 ng
RT: 14.787 min Scan# 1923
Delta R.T. 0.007 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

Tgt Ion:138 Resp: 20566
Ion Ratio Lower Upper
138 100
108 111.4 8.3 12.5#
92 63.8 96.4 144.6#

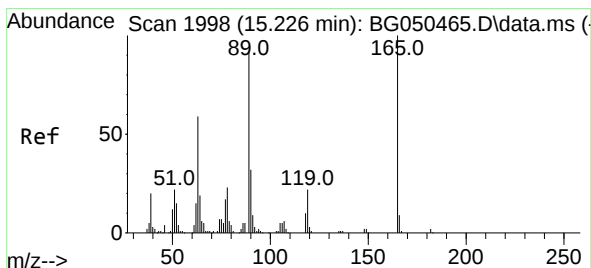
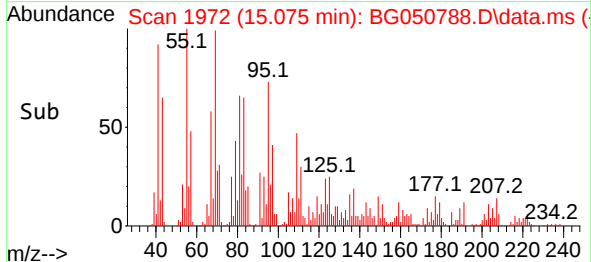
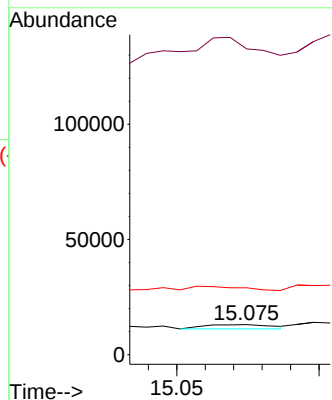
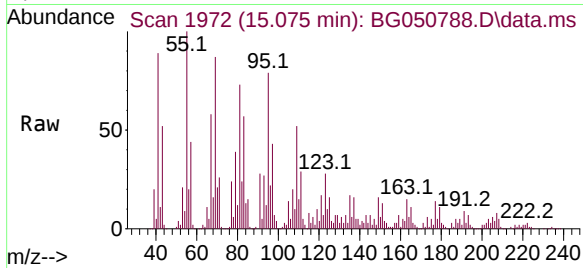




#56
4-Nitrophenol
Concen: 2.269 ng
RT: 15.075 min Scan# 1972
Delta R.T. 0.007 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

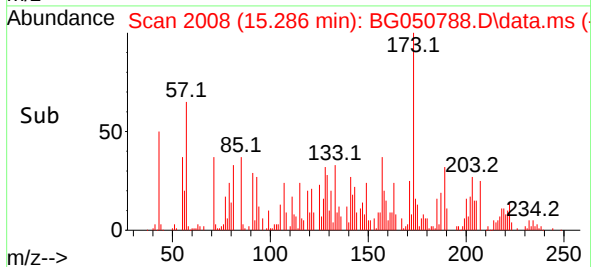
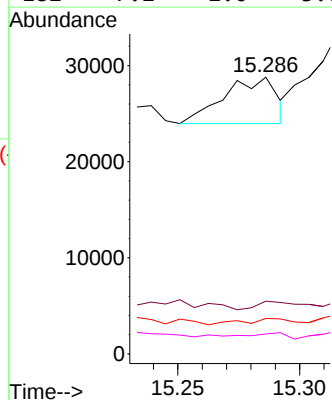
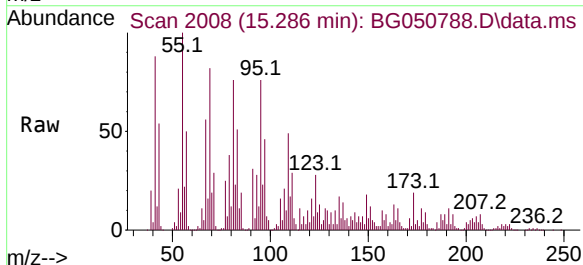
Instrument :
BNA_G
ClientSampleId :
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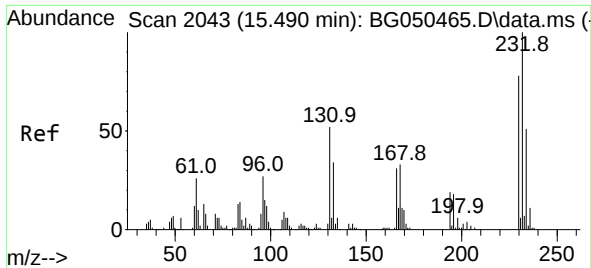
Tgt Ion:139 Resp: 3167
Ion Ratio Lower Upper
139 100
109 1014.5 116.3 156.3#
65 222.2 105.0 145.0#



#57
2,4-Dinitrotoluene
Concen: 3.506 ng
RT: 15.286 min Scan# 2008
Delta R.T. 0.059 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

Tgt Ion:165 Resp: 7249
Ion Ratio Lower Upper
165 100
63 19.1 48.0 72.0#
89 12.9 65.4 98.0#
182 7.2 2.0 3.0#

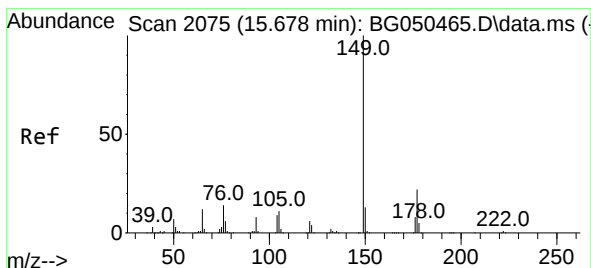
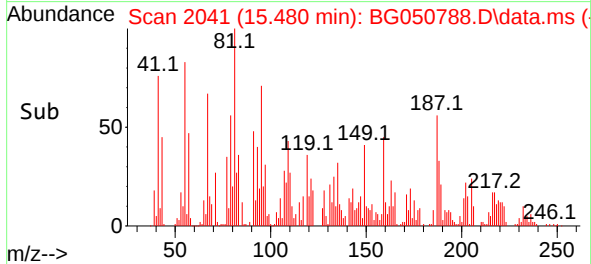
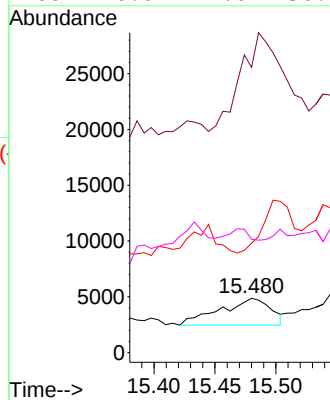
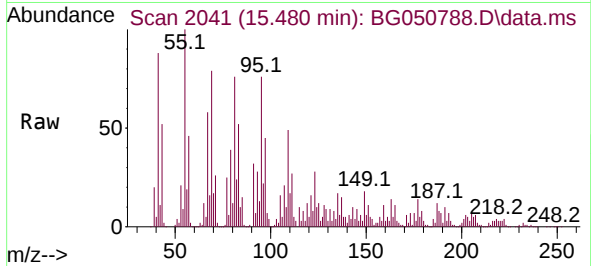




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.813 ng
RT: 15.480 min Scan# 2041
Delta R.T. -0.011 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

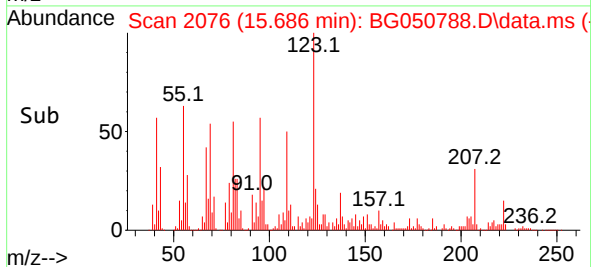
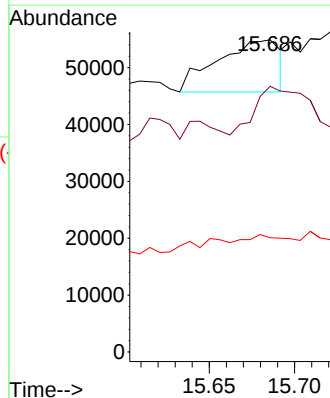
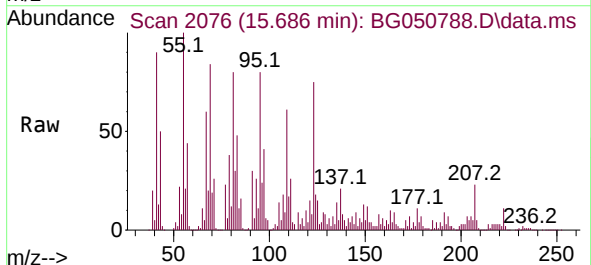
Instrument :
BNA_G
ClientSampled :
280243

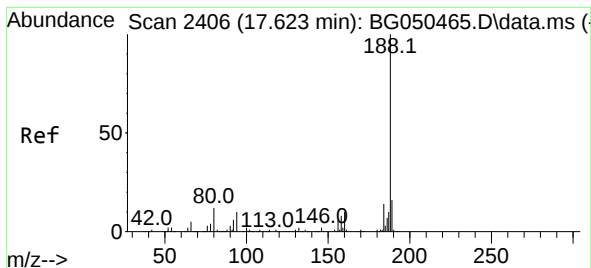
Tgt Ion:	232	Resp:	7001
Ion	Ratio	Lower	Upper
232	100		
131	284.8	37.2	55.8#
130	0.0	2.8	4.2#
166	0.0	24.0	36.0#



#60
Diethylphthalate
Concen: 3.034 ng
RT: 15.686 min Scan# 2076
Delta R.T. 0.012 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

Tgt Ion:	149	Resp:	23341
Ion	Ratio	Lower	Upper
149	100		
177	85.1	19.0	28.6#
150	36.6	10.2	15.4#

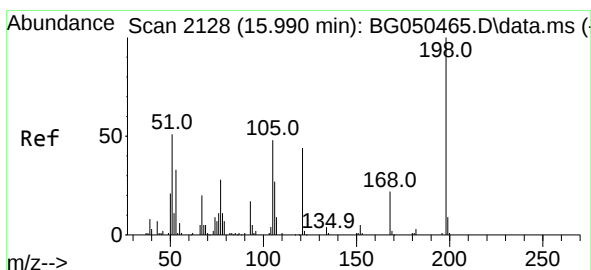
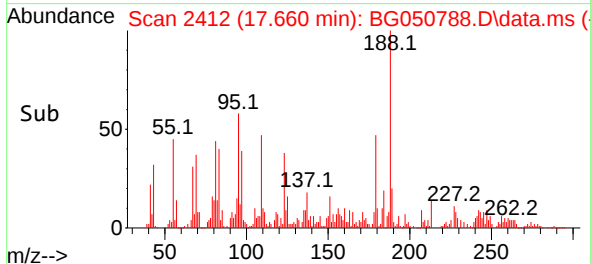
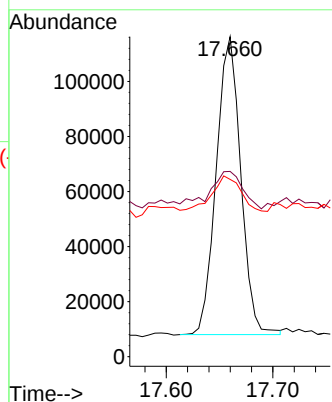
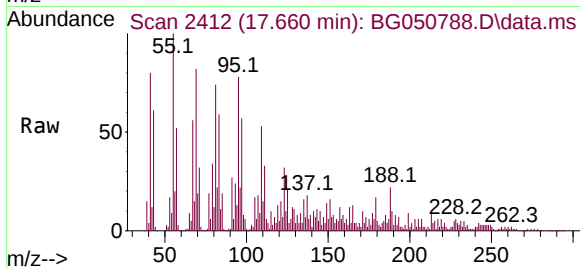




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.660 min Scan# 2412
Delta R.T. 0.042 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

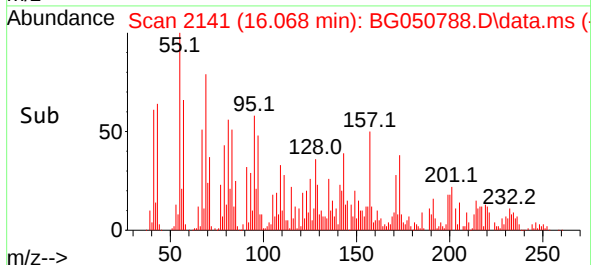
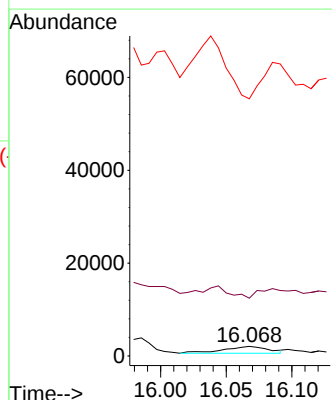
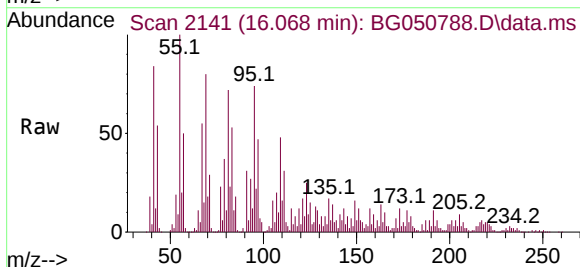
Instrument :
BNA_G
ClientSampled :
280243

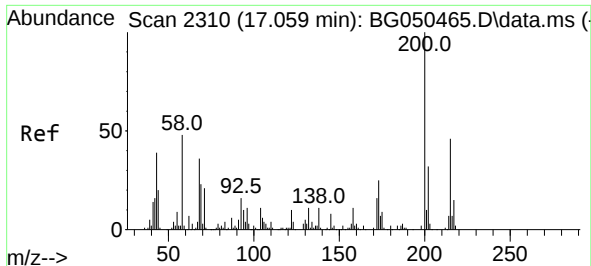
Tgt Ion:188 Resp: 172410
Ion Ratio Lower Upper
188 100
94 57.9 5.4 8.0#
80 55.4 3.7 5.5#



#65
4,6-Dinitro-2-methylphenol
Concen: 3.361 ng
RT: 16.068 min Scan# 2141
Delta R.T. 0.077 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

Tgt Ion:198 Resp: 3481
Ion Ratio Lower Upper
198 100
51 602.3 29.4 69.4#
105 2682.8 15.1 55.1#

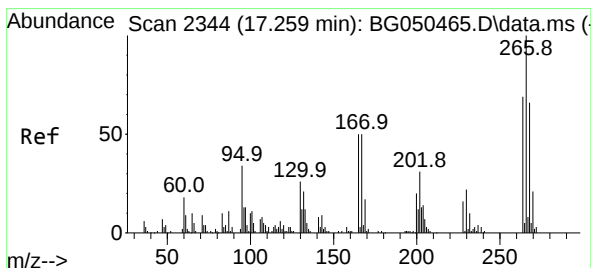
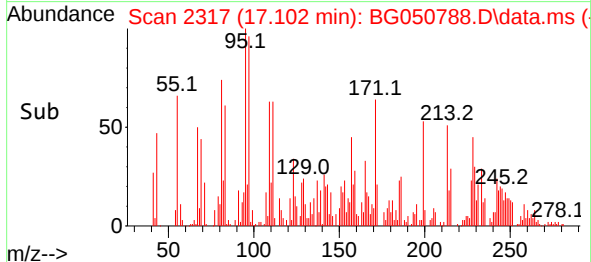
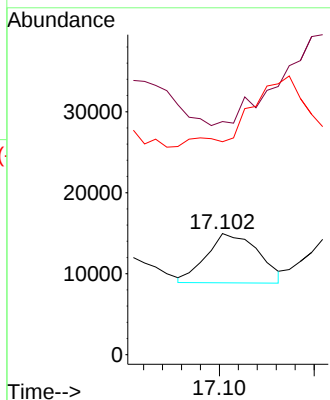
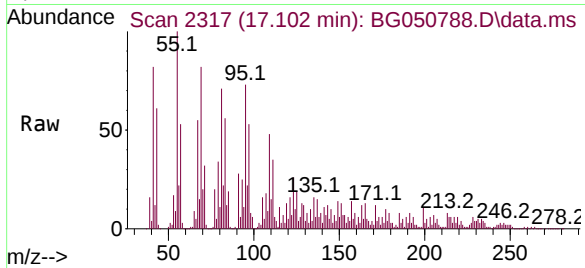




#69
Atrazine
Concen: 6.023 ng
RT: 17.102 min Scan# 2317
Delta R.T. 0.042 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

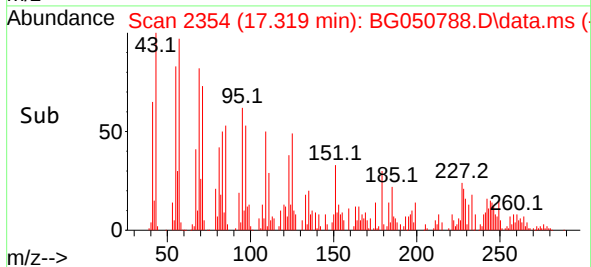
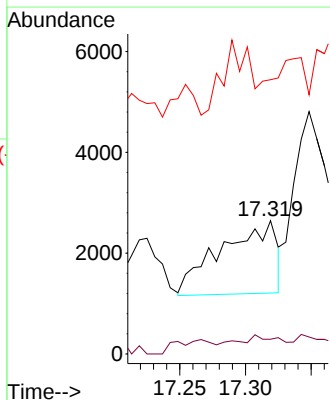
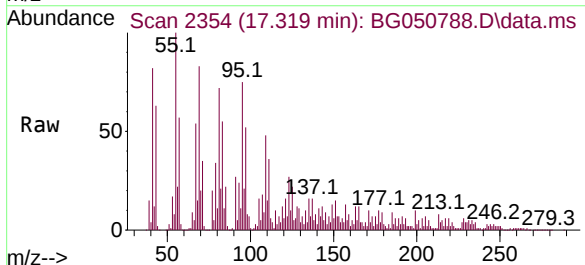
Instrument :
BNA_G
ClientSampled :
280243

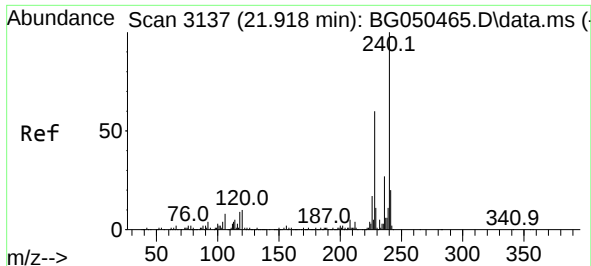
Tgt Ion:200 Resp: 11623
Ion Ratio Lower Upper
200 100
173 192.3 3.7 43.7#
215 175.7 26.9 66.9#



#70
Pentachlorophenol
Concen: 3.575 ng
RT: 17.319 min Scan# 2354
Delta R.T. 0.054 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

Tgt Ion:266 Resp: 4202
Ion Ratio Lower Upper
266 100
268 11.0 49.0 73.4#
264 205.7 49.0 73.6#

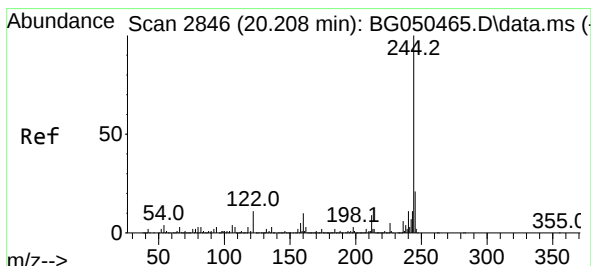
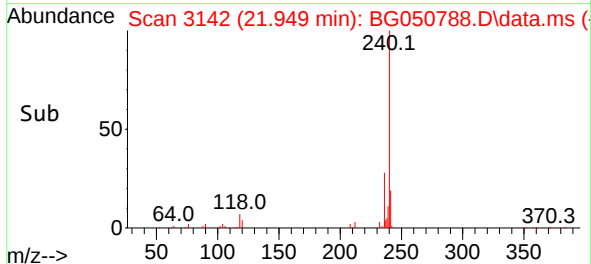
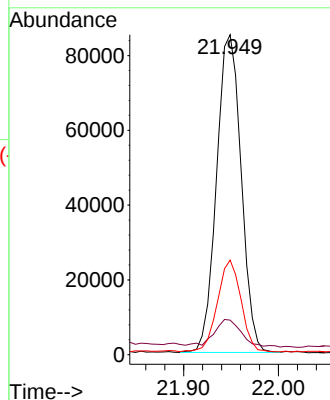
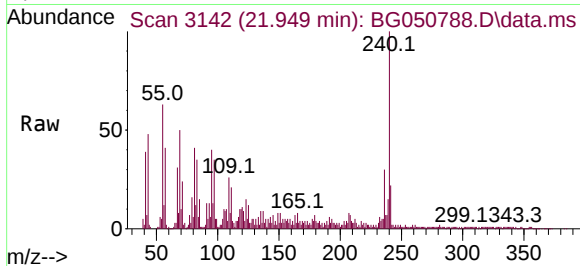




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.949 min Scan# 3142
Delta R.T. 0.024 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

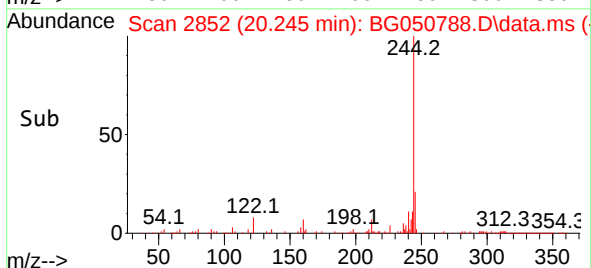
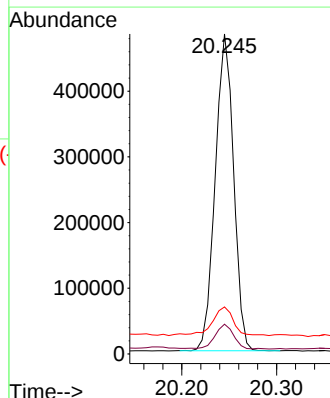
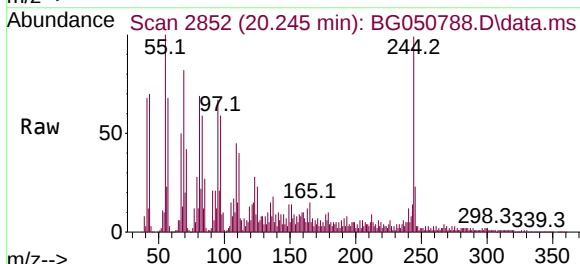
Instrument :
BNA_G
ClientSampleId :
280243

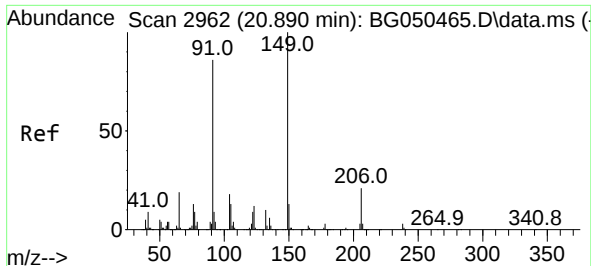
Tgt Ion:240 Resp: 153550
Ion Ratio Lower Upper
240 100
120 10.8 4.2 6.2#
236 29.6 21.8 32.6



#79
Terphenyl-d14
Concen: 82.318 ng
RT: 20.245 min Scan# 2852
Delta R.T. 0.036 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

Tgt Ion:244 Resp: 648591
Ion Ratio Lower Upper
244 100
212 9.3 6.9 10.3
122 14.7 5.0 7.6#

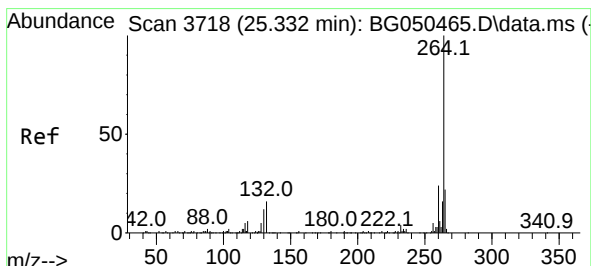
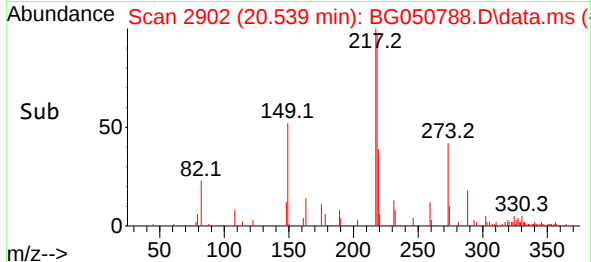
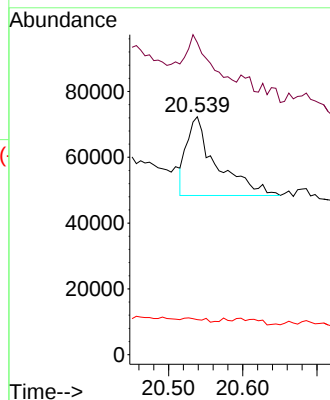
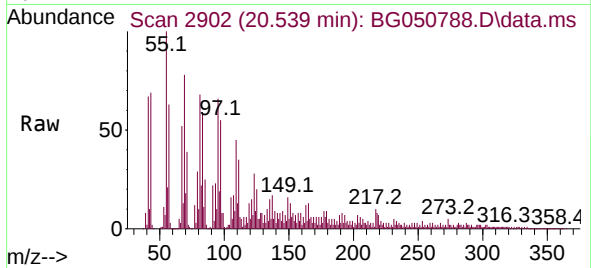




#80
Butylbenzylphthalate
Concen: 14.458 ng
RT: 20.539 min Scan# 2902
Delta R.T. -0.352 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

Instrument :
BNA_G
ClientSampleId :
280243

Tgt Ion:149 Resp: 66624
Ion Ratio Lower Upper
149 100
91 131.1 63.4 95.2#
206 14.7 18.4 27.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.345 min Scan# 3720
Delta R.T. 0.012 min
Lab File: BG050788.D
Acq: 29 Oct 2021 22:06

Tgt Ion:264 Resp: 165813
Ion Ratio Lower Upper
264 100
260 23.2 19.4 29.2
265 22.0 16.9 25.3

