

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
 Data File : BG051131.D
 Acq On : 19 Nov 2021 20:43
 Operator : CG/JU
 Sample : M4758-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP7

Quant Time: Nov 20 03:37:56 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

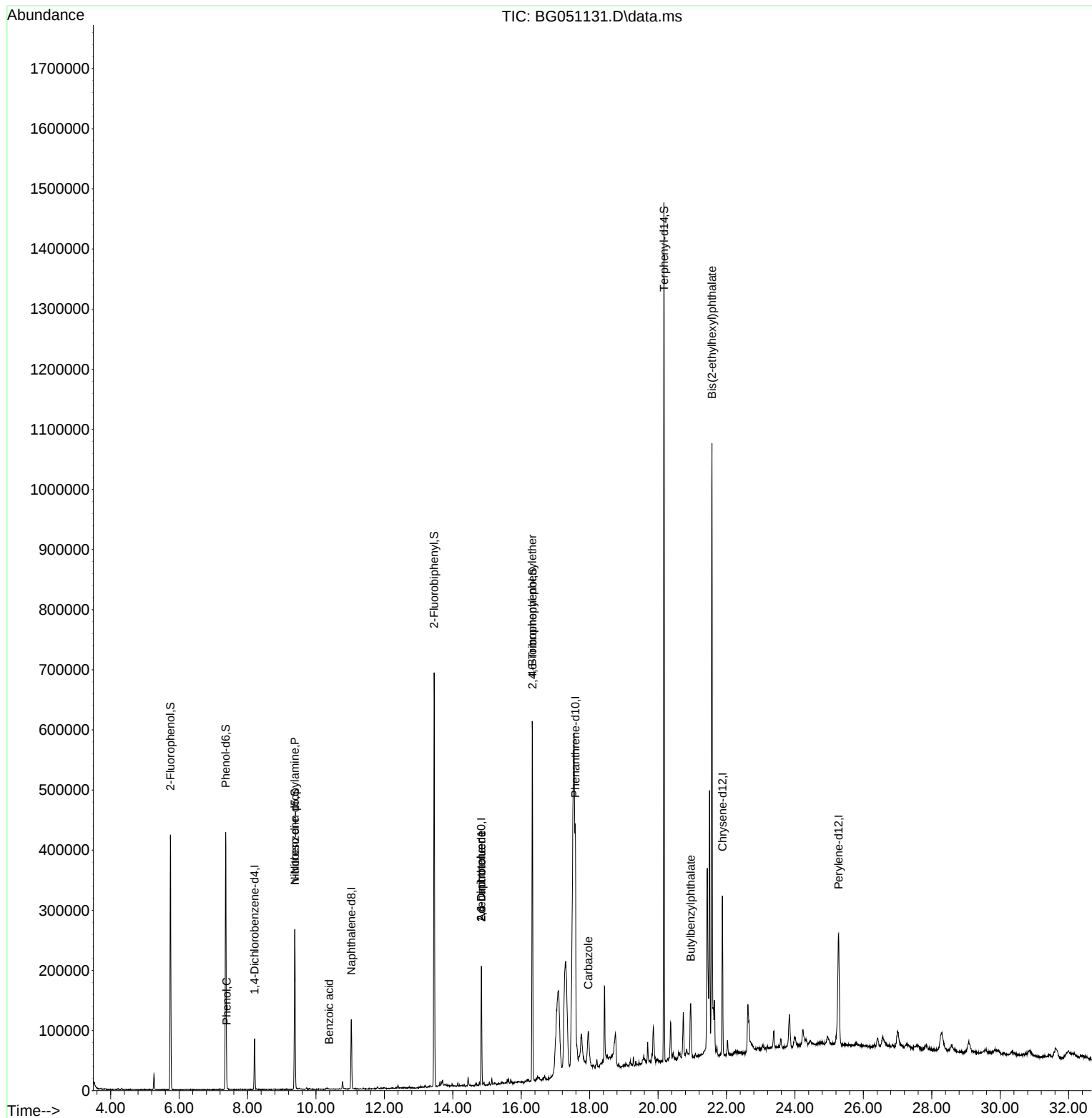
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.208	152	23553	20.000	ng	# 0.00
21) Naphthalene-d8	11.034	136	97013	20.000	ng	# 0.00
39) Acenaphthene-d10	14.835	164	69006	20.000	ng	0.00
64) Phenanthrene-d10	17.585	188	155958	20.000	ng	# 0.00
76) Chrysene-d12	21.880	240	159421	20.000	ng	# 0.00
86) Perylene-d12	25.276	264	161377	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	183765	120.610	ng	0.00
7) Phenol-d6	7.362	99	247845	115.494	ng	0.00
23) Nitrobenzene-d5	9.383	82	174590	82.152	ng	0.00
42) 2,4,6-Tribromophenol	16.328	330	100996	137.701	ng	0.00
45) 2-Fluorobiphenyl	13.454	172	352677	77.121	ng	0.00
79) Terphenyl-d14	20.170	244	642961	73.729	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.391	94	4722	2.144	ng	99
19) n-Nitroso-di-n-propyla...	9.383	70	24672	15.576	ng	# 68
32) Benzoic acid	10.387	122	53	4.240	ng	# 1
51) 2,6-Dinitrotoluene	14.835	165	9062	8.161	ng	# 10
57) 2,4-Dinitrotoluene	14.835	165	9062	5.697	ng	# 15
67) 4-Bromophenyl-phenylether	16.322	248	7970	4.725	ng	# 1
73) Carbazole	17.961	167	16963	2.074	ng	# 59
80) Butylbenzylphthalate	20.957	149	47229	9.582	ng	# 21
84) Bis(2-ethylhexyl)phtha...	21.574	149	425180	61.927	ng	# 53

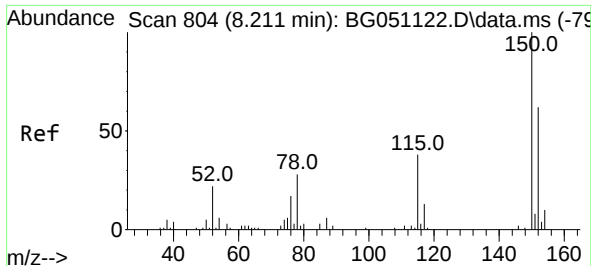
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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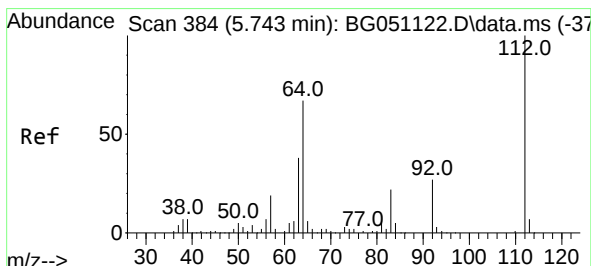
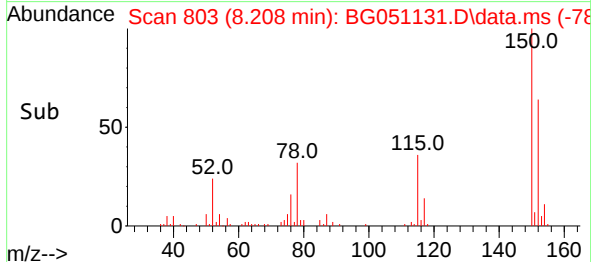
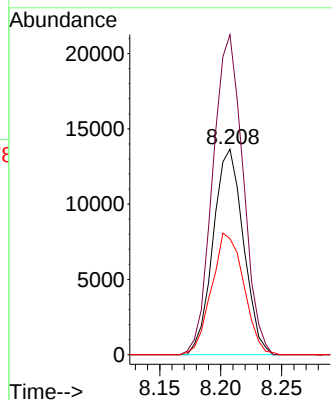
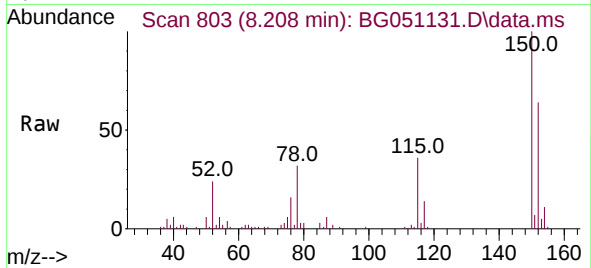




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.208 min Scan# 804
Delta R.T. -0.003 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

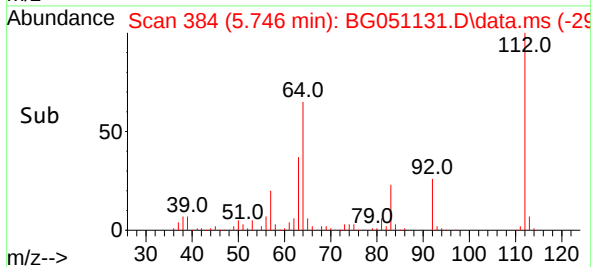
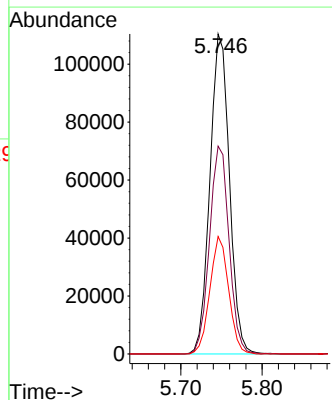
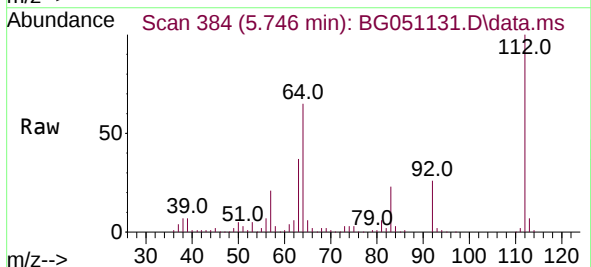
Instrument :
BNA_G
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TP7

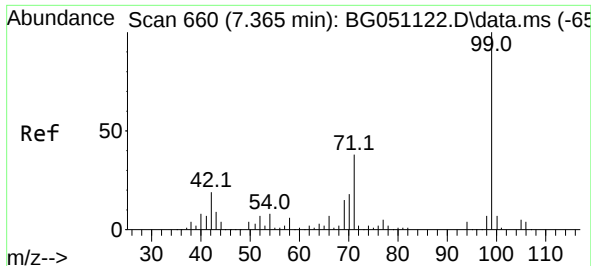
Tgt Ion:152 Resp: 23553
Ion Ratio Lower Upper
152 100
150 155.8 119.4 179.0
115 56.4 60.2 90.4#



#5
2-Fluorophenol
Concen: 120.610 ng
RT: 5.746 min Scan# 384
Delta R.T. 0.003 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

Tgt Ion:112 Resp: 183765
Ion Ratio Lower Upper
112 100
64 64.9 46.7 70.1
63 36.7 35.3 52.9

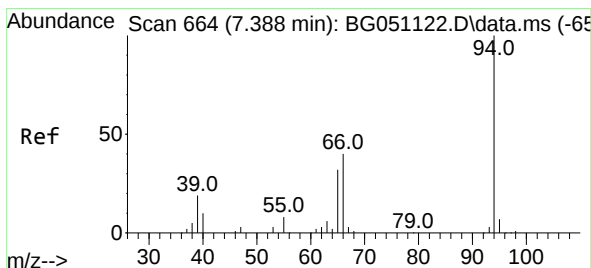
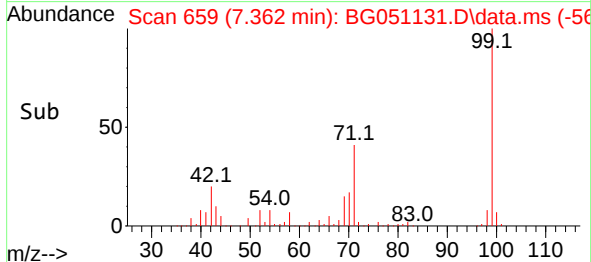
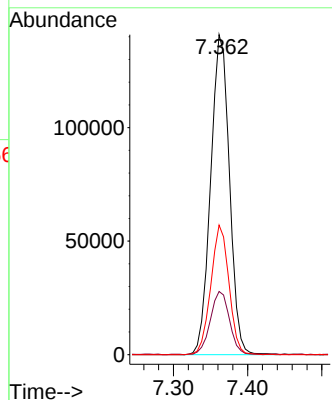
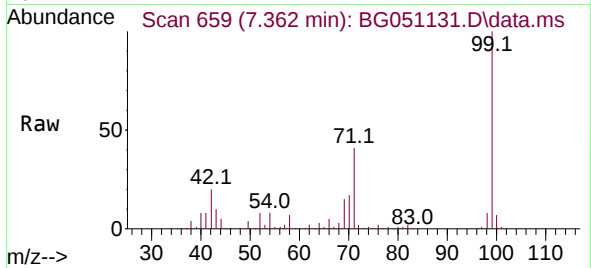




#7
Phenol-d6
Concen: 115.494 ng
RT: 7.362 min Scan# 611
Delta R.T. -0.003 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

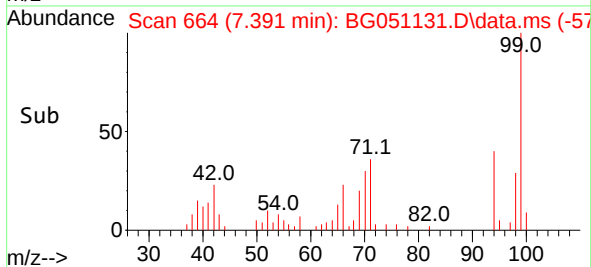
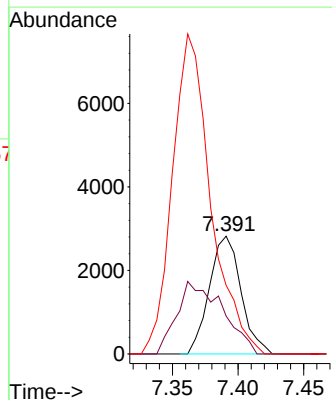
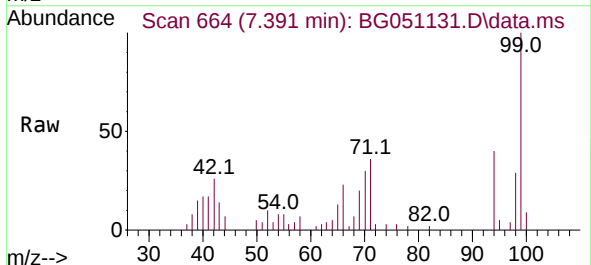
Instrument :
BNA_G
ClientSampleId :
TP7

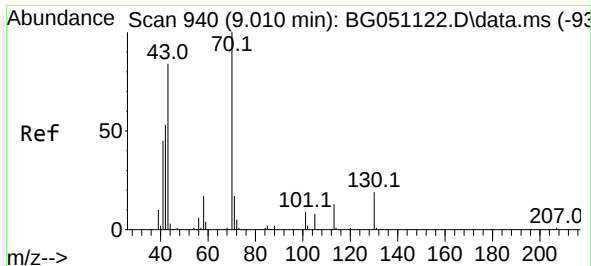
Tgt Ion: 99 Resp: 247845
Ion Ratio Lower Upper
99 100
42 19.8 20.5 30.7#
71 40.5 41.5 62.3#



#10
Phenol
Concen: 2.144 ng
RT: 7.391 min Scan# 664
Delta R.T. 0.003 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

Tgt Ion: 94 Resp: 4722
Ion Ratio Lower Upper
94 100
65 32.2 12.9 52.9
66 58.3 39.4 79.4

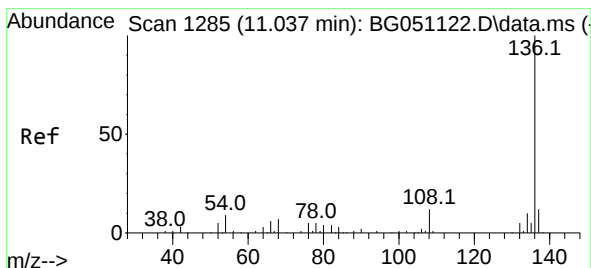
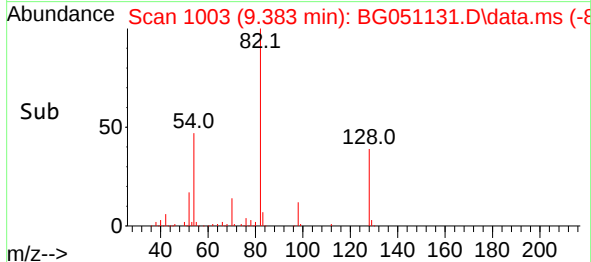
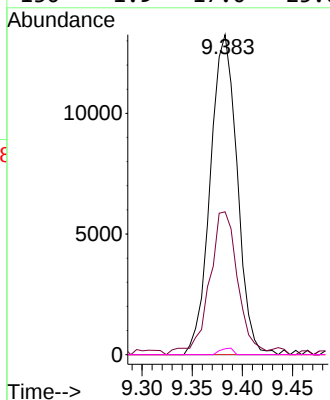
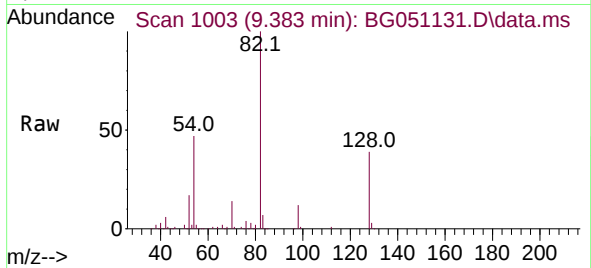




#19
n-Nitroso-di-n-propylamine
Concen: 15.576 ng
RT: 9.383 min Scan# 1003
Delta R.T. 0.373 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

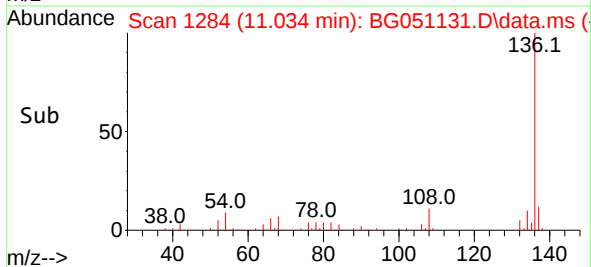
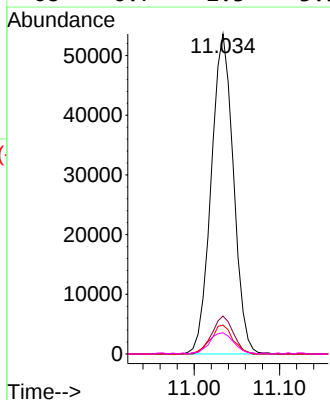
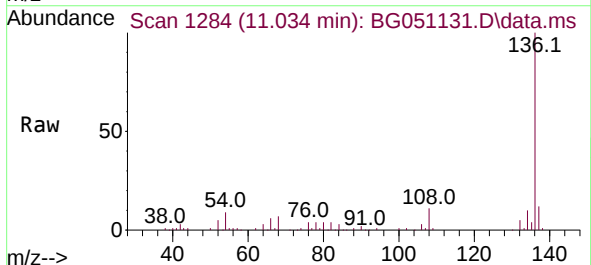
Instrument :
BNA_G
ClientSampleId :
TP7

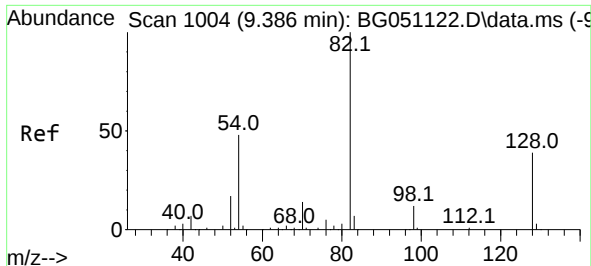
Tgt Ion:	70	Resp:	24672
Ion Ratio	Lower	Upper	
70	100		
42	44.7	54.5	81.7#
101	0.0	9.0	13.6#
130	1.9	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.034 min Scan# 1284
Delta R.T. -0.003 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

Tgt Ion:	136	Resp:	97013
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.2	12.2
54	9.1	5.5	8.3#
68	6.7	2.3	3.5#





#23

Nitrobenzene-d5

Concen: 82.152 ng

RT: 9.383 min Scan# 110

Delta R.T. -0.003 min

Lab File: BG051131.D

Acq: 19 Nov 2021 20:43

Instrument :

BNA_G

ClientSampleId :

TP7

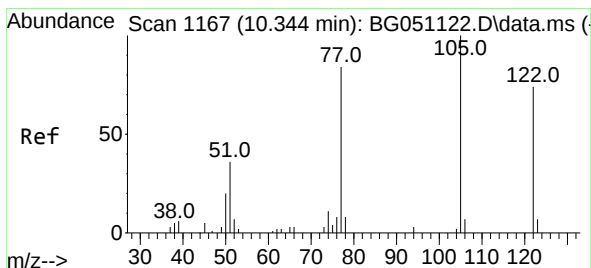
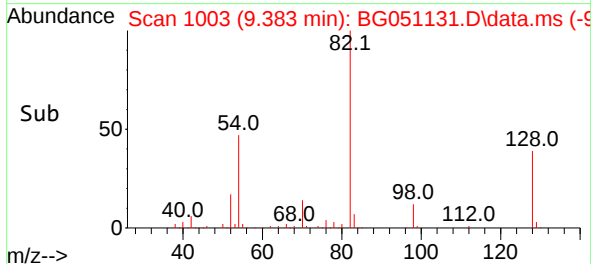
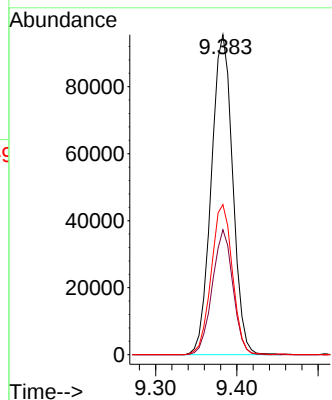
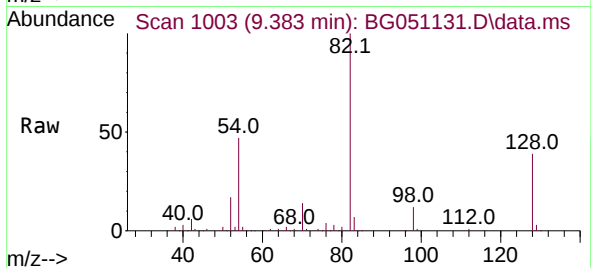
Tgt Ion: 82 Resp: 174590

Ion Ratio Lower Upper

82 100

128 39.1 29.8 44.6

54 46.9 45.8 68.8



#32

Benzoic acid

Concen: 4.240 ng

RT: 10.387 min Scan# 1174

Delta R.T. 0.043 min

Lab File: BG051131.D

Acq: 19 Nov 2021 20:43

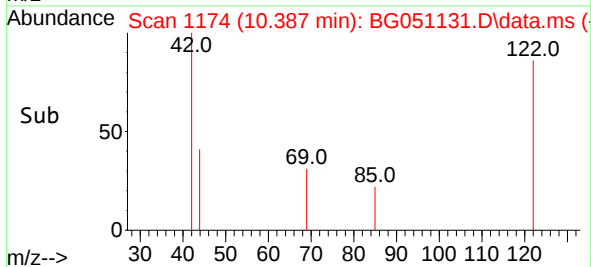
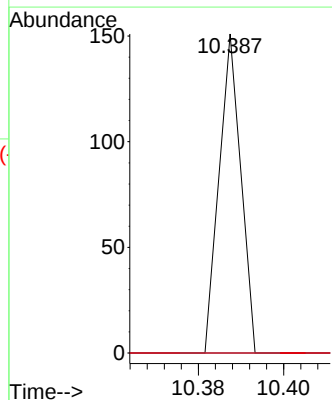
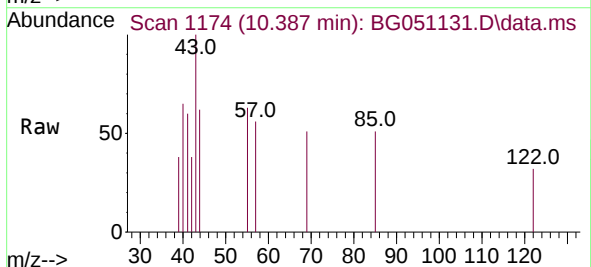
Tgt Ion:122 Resp: 53

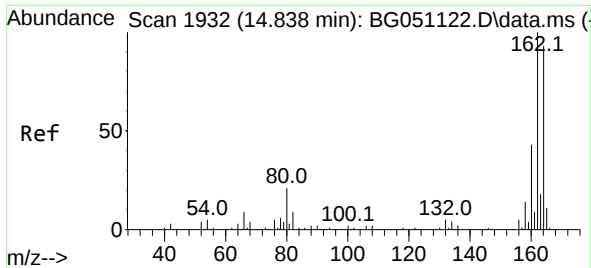
Ion Ratio Lower Upper

122 100

105 0.0 92.3 132.3#

77 0.0 66.5 106.5#

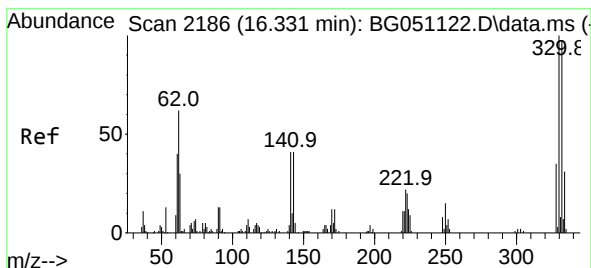
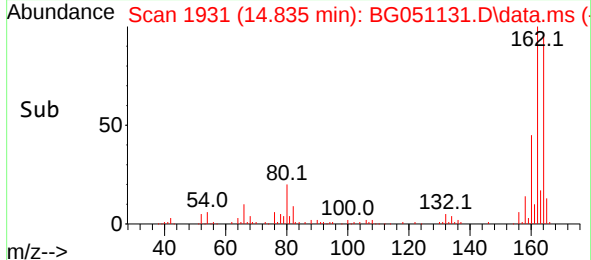
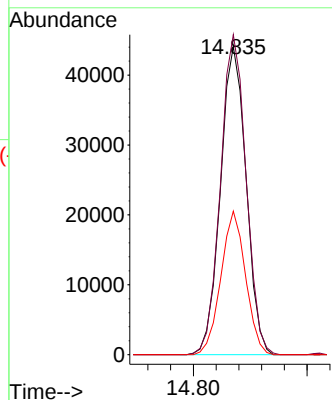
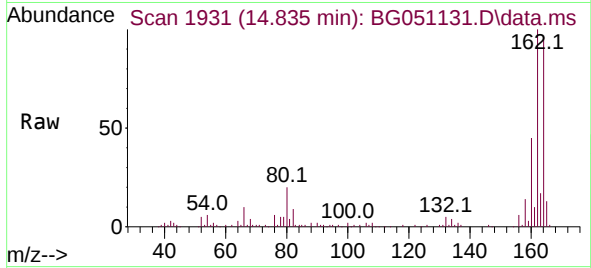




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.835 min Scan# 1932
Delta R.T. -0.003 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

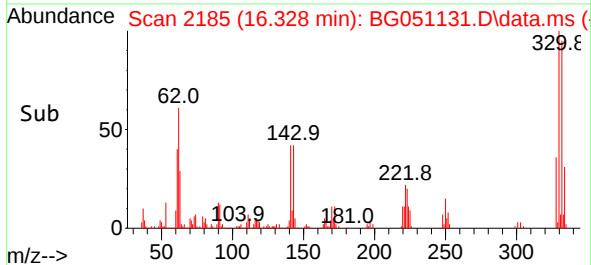
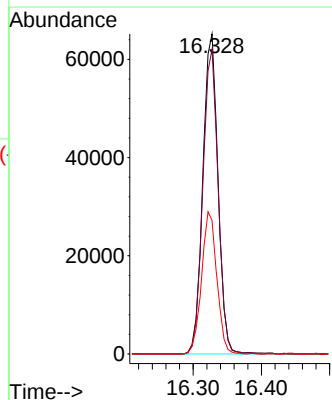
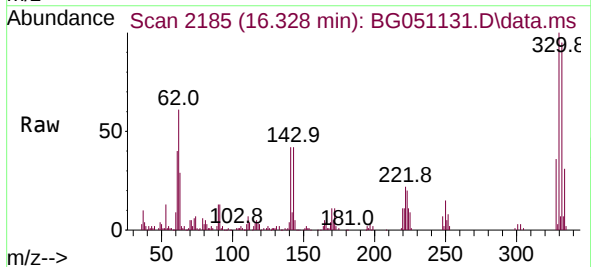
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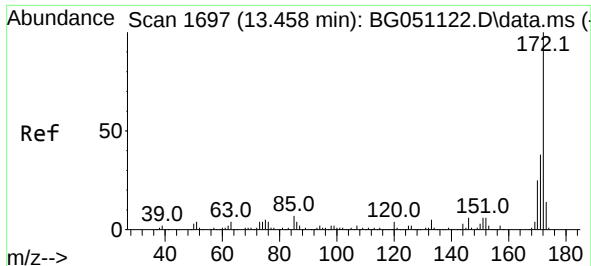
Tgt Ion:164 Resp: 69006
Ion Ratio Lower Upper
164 100
162 103.8 81.4 122.0
160 46.6 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 137.701 ng
RT: 16.328 min Scan# 2185
Delta R.T. -0.003 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

Tgt Ion:330 Resp: 100996
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 44.6 35.6 53.4

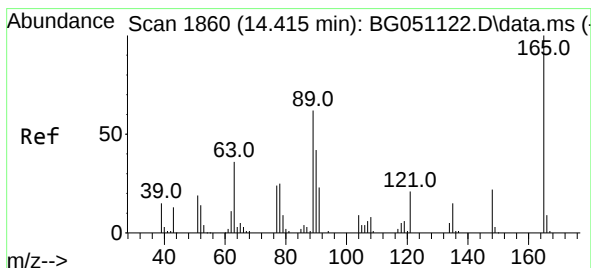
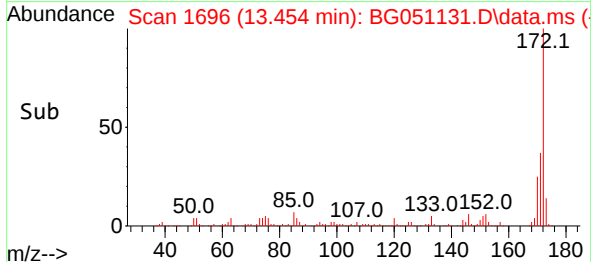
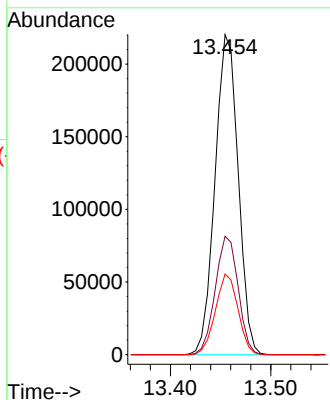
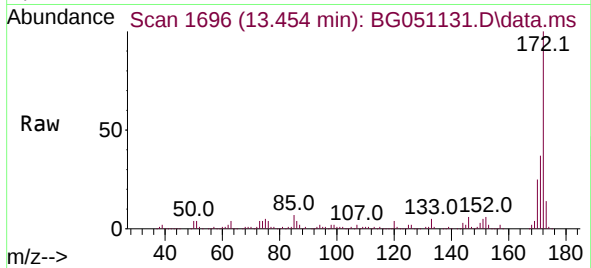




#45
2-Fluorobiphenyl
Concen: 77.121 ng
RT: 13.454 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

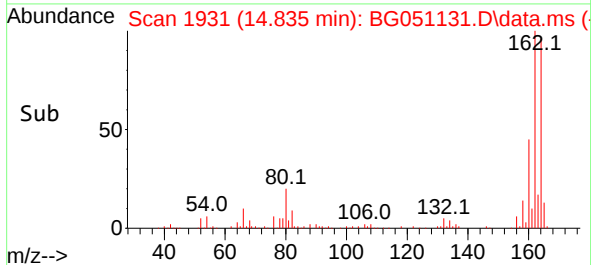
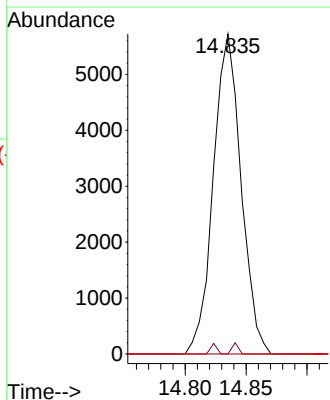
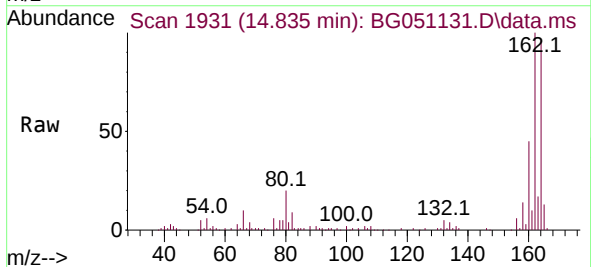
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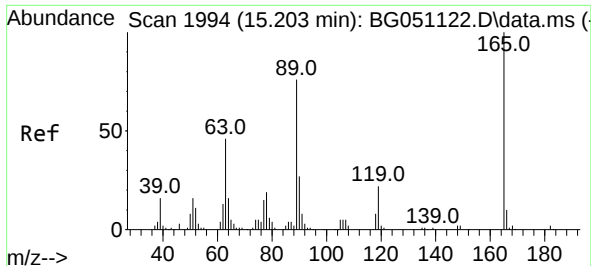
Tgt Ion:172 Resp: 352677
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 25.2 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.161 ng
RT: 14.835 min Scan# 1931
Delta R.T. 0.420 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

Tgt Ion:165 Resp: 9062
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

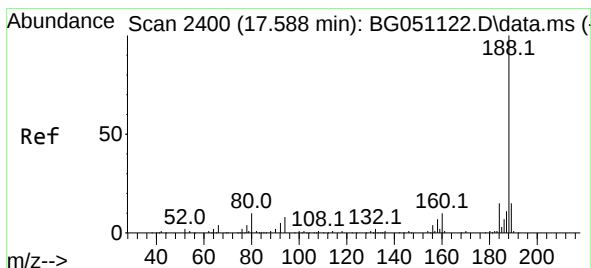
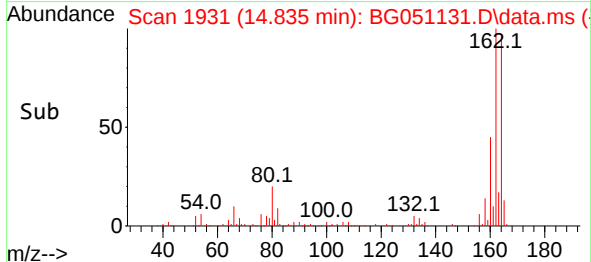
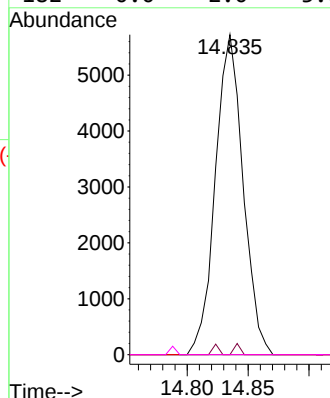
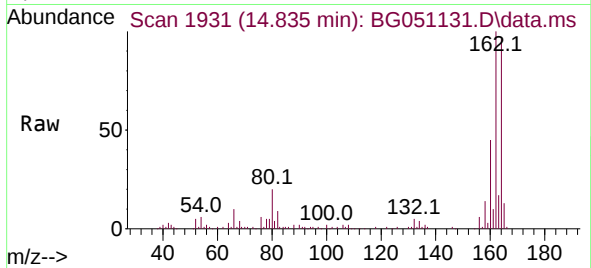




#57
2,4-Dinitrotoluene
Concen: 5.697 ng
RT: 14.835 min Scan# 1994
Delta R.T. -0.368 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

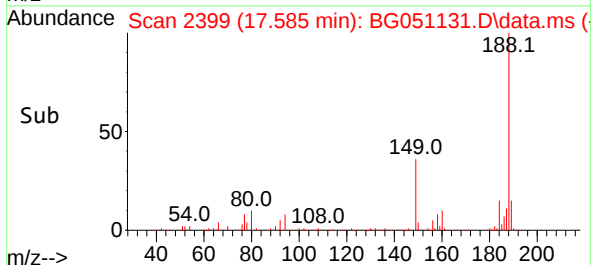
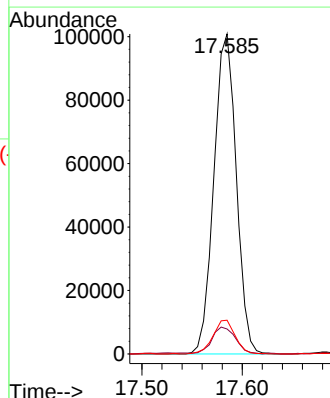
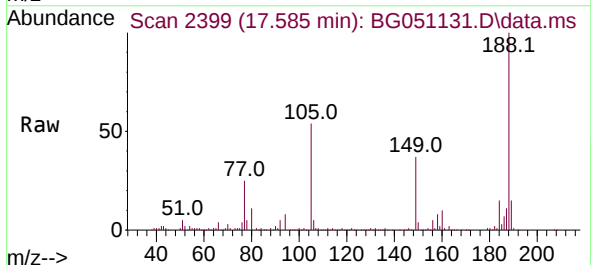
Instrument :
BNA_G
ClientSampleId :
TP7

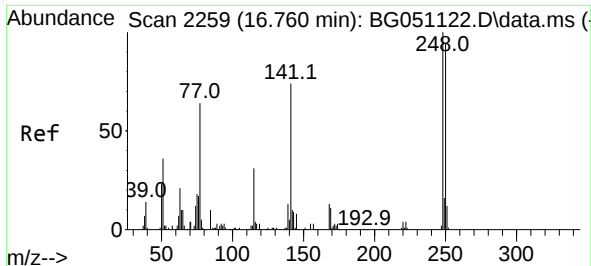
Tgt Ion:165	Resp:	9062
Ion Ratio	Lower	Upper
165	100	
63	0.0	48.0 72.0#
89	0.0	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.585 min Scan# 2399
Delta R.T. -0.003 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

Tgt Ion:188	Resp:	155958
Ion Ratio	Lower	Upper
188	100	
94	7.8	5.4 8.0
80	10.6	3.7 5.5#

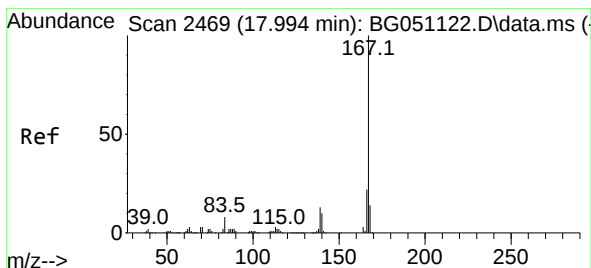
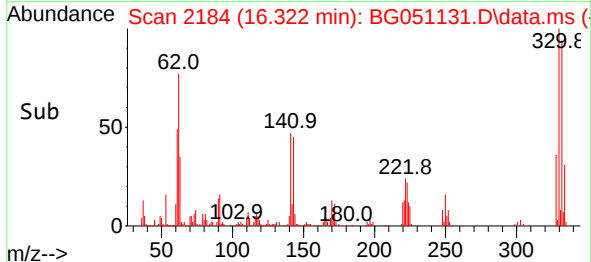
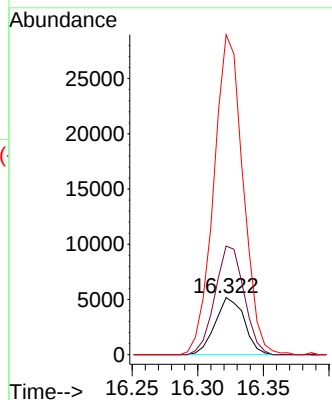
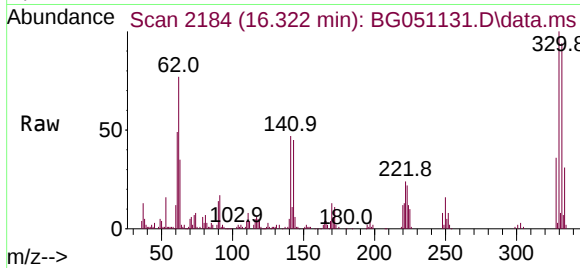




#67
4-Bromophenyl-phenylether
Concen: 4.725 ng
RT: 16.322 min Scan# 2184
Delta R.T. -0.438 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

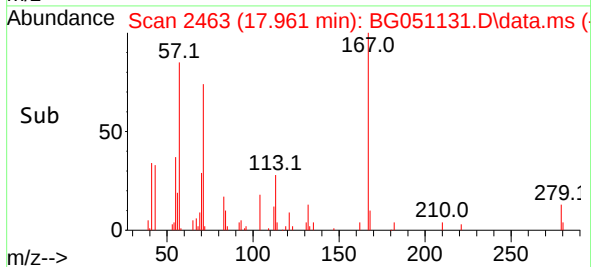
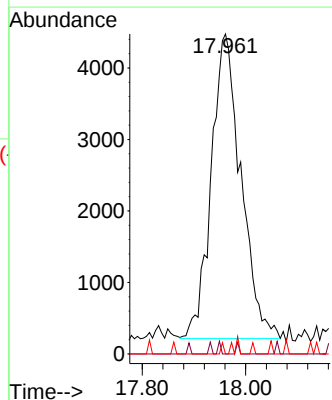
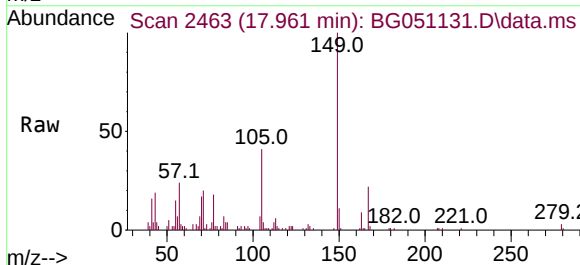
Instrument :
BNA_G
ClientSampleId :
TP7

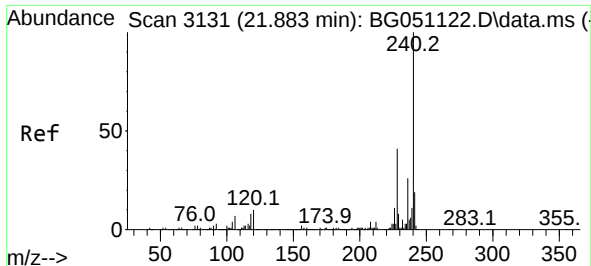
Tgt Ion:248 Resp: 7970
Ion Ratio Lower Upper
248 100
250 189.8 76.1 114.1#
141 559.4 65.4 98.2#



#73
Carbazole
Concen: 2.074 ng
RT: 17.961 min Scan# 2463
Delta R.T. -0.033 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

Tgt Ion:167 Resp: 16963
Ion Ratio Lower Upper
167 100
166 0.0 17.4 26.2#
139 0.0 10.7 16.1#

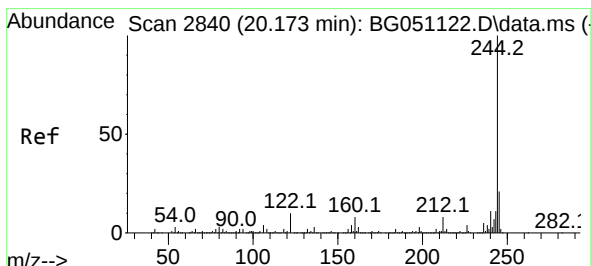
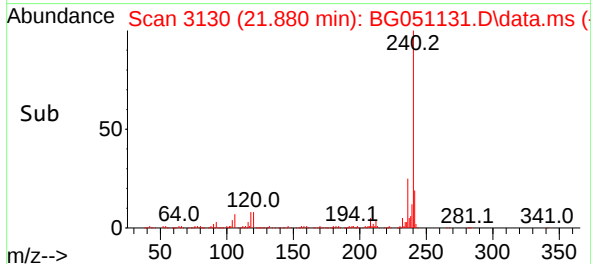
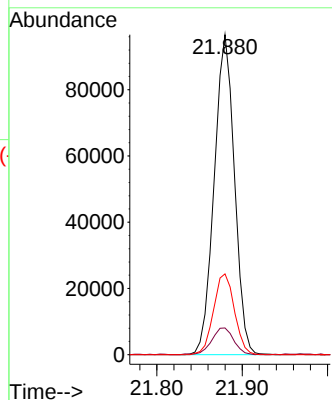
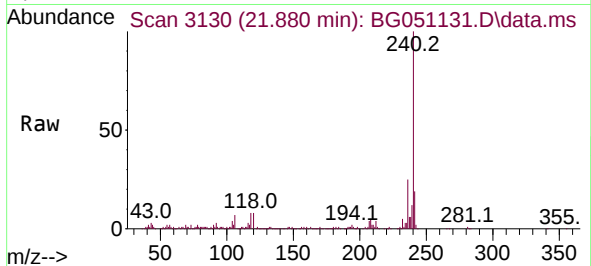




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.880 min Scan# 3131
Delta R.T. -0.003 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

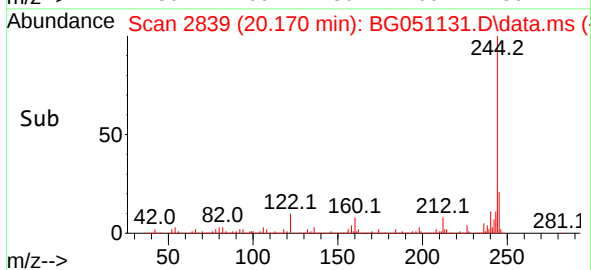
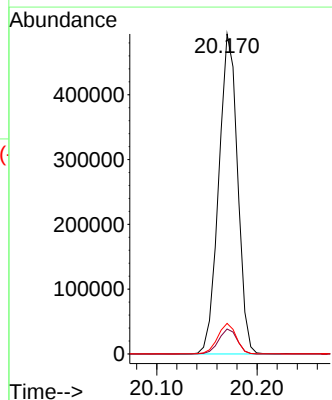
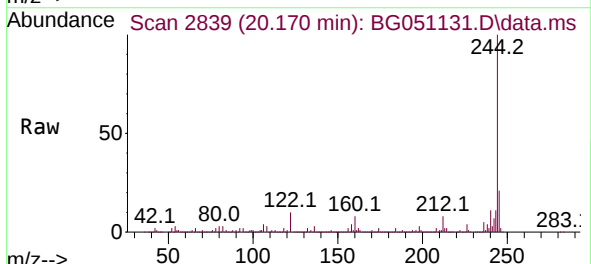
Instrument :
BNA_G
ClientSampleId :
TP7

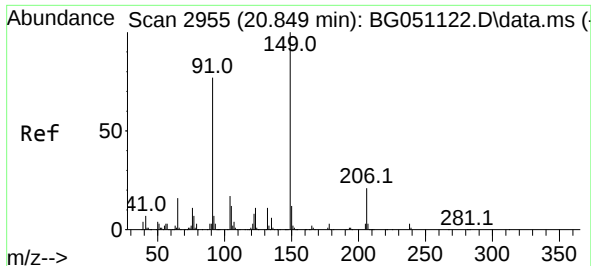
Tgt Ion:240 Resp: 159421
Ion Ratio Lower Upper
240 100
120 8.4 4.2 6.2#
236 25.2 21.8 32.6



#79
Terphenyl-d14
Concen: 73.729 ng
RT: 20.170 min Scan# 2839
Delta R.T. -0.003 min
Lab File: BG051131.D
Acq: 19 Nov 2021 20:43

Tgt Ion:244 Resp: 642961
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 9.6 5.0 7.6#

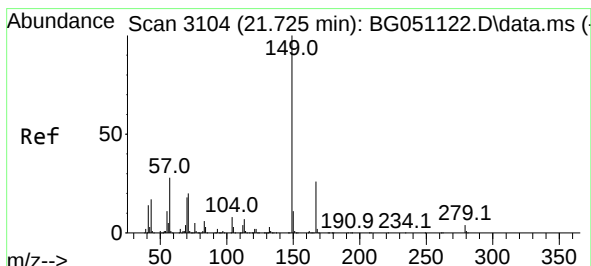
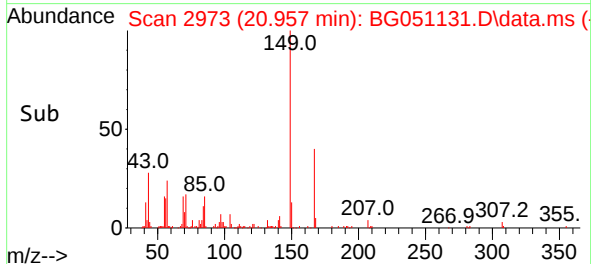
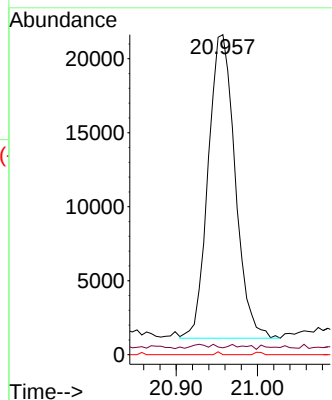
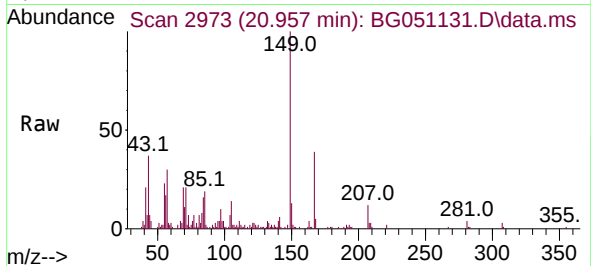




#80
 Butylbenzylphthalate
 Concen: 9.582 ng
 RT: 20.957 min Scan# 20957
 Delta R.T. 0.108 min
 Lab File: BG051131.D
 Acq: 19 Nov 2021 20:43

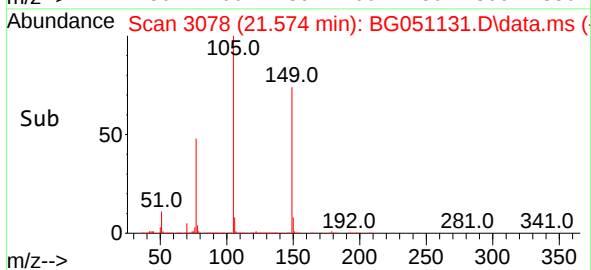
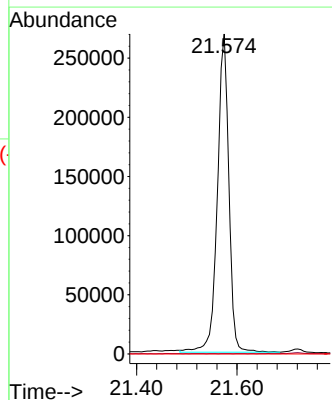
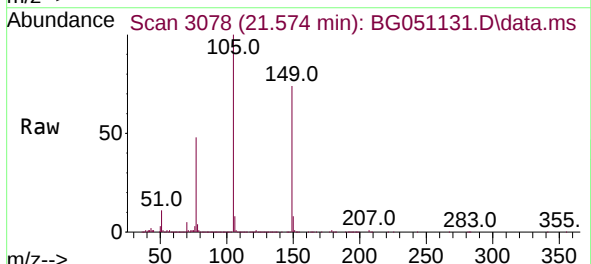
Instrument :
 BNA_G
 ClientSampleId :
 TP7

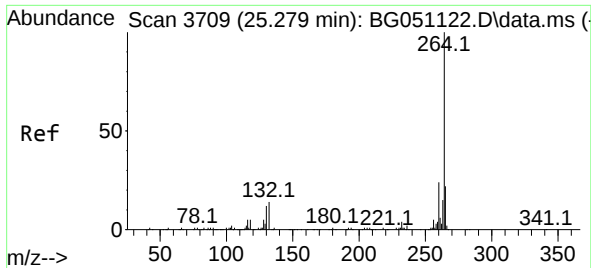
Tgt Ion:149 Resp: 47229
 Ion Ratio Lower Upper
 149 100
 91 2.2 63.4 95.2#
 206 0.0 18.4 27.6#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 61.927 ng
 RT: 21.574 min Scan# 3078
 Delta R.T. -0.150 min
 Lab File: BG051131.D
 Acq: 19 Nov 2021 20:43

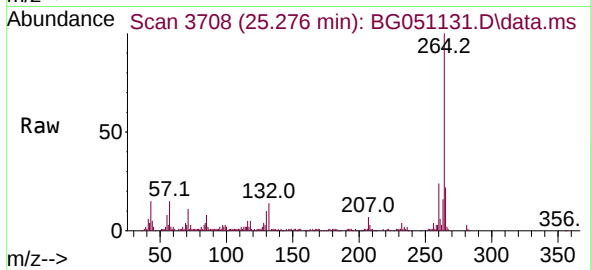
Tgt Ion:149 Resp: 425180
 Ion Ratio Lower Upper
 149 100
 167 0.1 22.3 33.5#
 279 0.0 3.8 5.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.276 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BG051131.D
 Acq: 19 Nov 2021 20:43

Instrument :
 BNA_G
 ClientSampleId :
 TP7



Tgt Ion:264	Resp: 161377
Ion Ratio	Lower Upper
264	100
260	23.8 19.4 29.2
265	21.9 16.9 25.3

