

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010918\
 Data File : BG031961.D
 Acq On : 10 Jan 2018 00:34
 Operator : SJ/JU
 Sample : J1022-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 01:56:16 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	65874	20.00	ng	-0.01
21) Naphthalene-d8	11.66	136	275115	20.00	ng	-0.01
38) Acenaphthene-d10	15.41	164	185157	20.00	ng	-0.02
63) Phenanthrene-d10	18.14	188	471349	20.00	ng	-0.02
75) Chrysene-d12	22.48	240	533171	20.00	ng	-0.04
86) Perylene-d12	26.21	264	541506	20.00	ng	-0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.21	112	408630	112.98	ng	0.00
7) Phenol-d6	7.89	99	476077	101.39	ng	0.00
23) Nitrobenzene-d5	9.98	82	355181	97.49	ng	-0.01
41) 2,4,6-Tribromophenol	16.89	330	406106	143.74	ng	-0.02
44) 2-Fluorobiphenyl	14.04	172	1239565	84.03	ng	-0.02
78) Terphenyl-d14	20.68	244	2065742	88.52	ng	-0.02

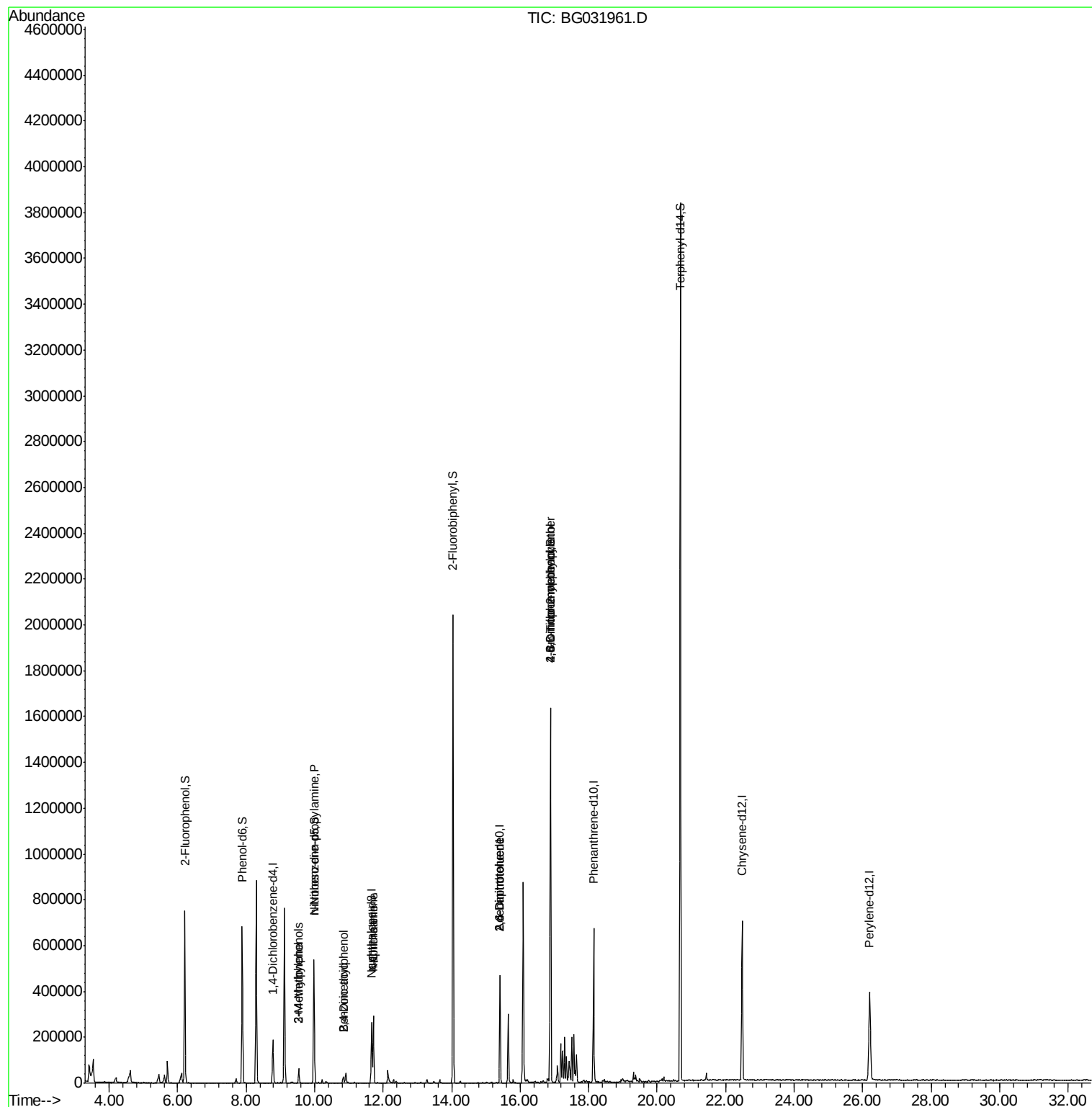
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) 2-Methylphenol	9.54	107	35815	10.558	ng	# 71
19) n-Nitroso-di-n-propylamine	9.98	70	47563	14.832	ng	# 70
20) 3+4-Methylphenols	9.54	107	35815	7.429	ng	93
27) 2,4-Dimethylphenol	10.83	122	14314	3.455	ng	# 1
31) Naphthalene	11.72	128	278942	20.090	ng	99
32) Benzoic acid	10.83	122	14314	11.055	ng	# 82
33) 4-Chloroaniline	11.72	127	39801	6.439	ng	# 33
50) 2,6-Dinitrotoluene	15.41	165	23881	7.958	ng	# 19
56) 2,4-Dinitrotoluene	15.41	165	23881	6.189	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.88	198	925	8.639	ng	# 1
66) 4-Bromophenyl-phenylether	16.89	248	33383	4.898	ng	# 1

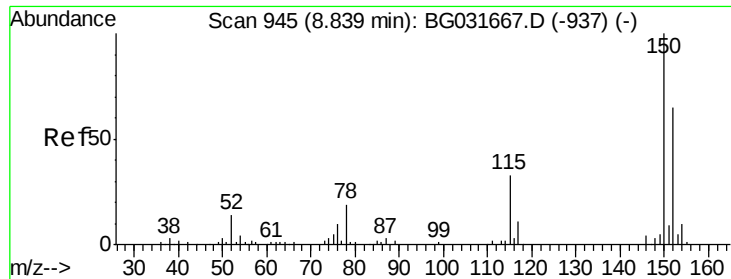
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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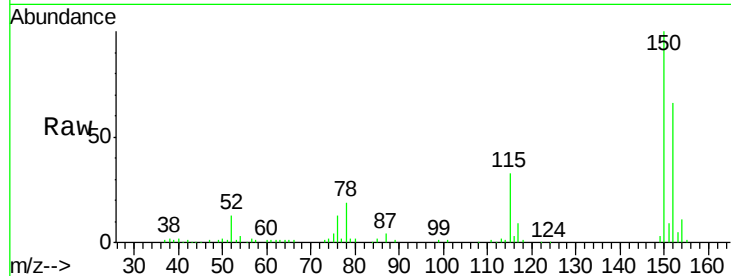


#1

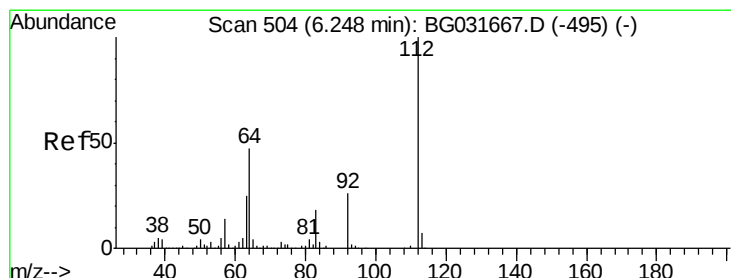
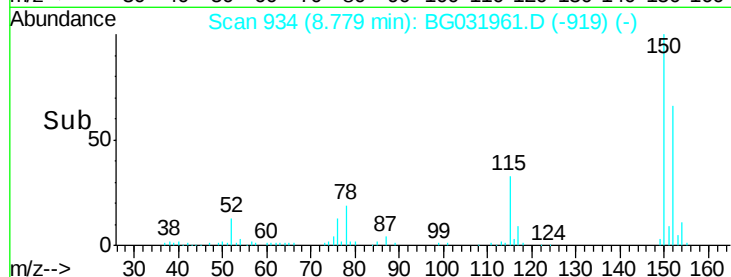
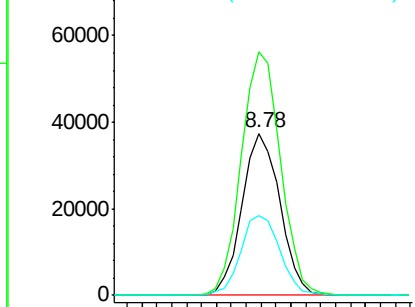
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG031961.D
Acq: 10 Jan 2018 00:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 65874
Ion Ratio Lower Upper
152 100
150 150.5 126.6 189.8
115 49.0 53.0 79.4#



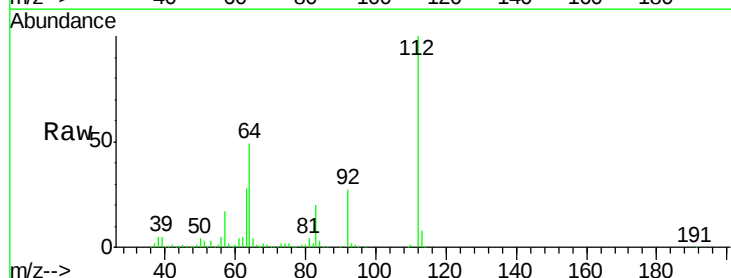
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



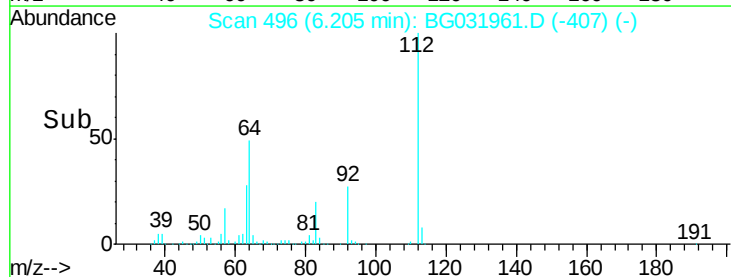
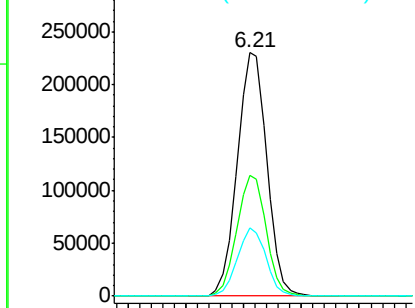
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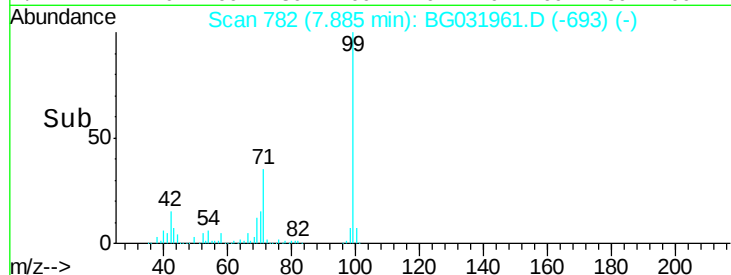
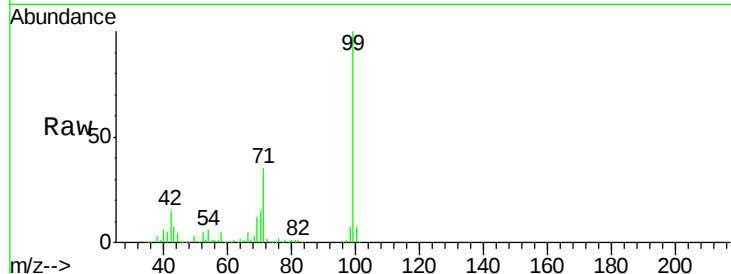
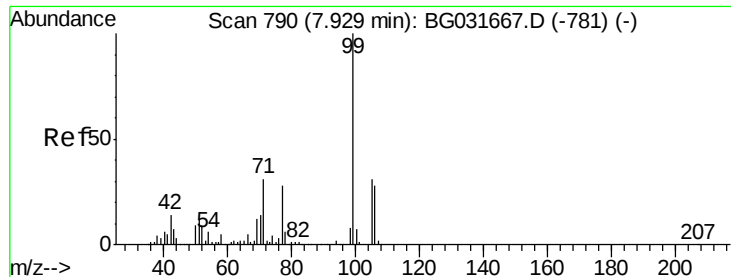
2-Fluorophenol
Concen: 112.984 ng
RT: 6.21 min Scan# 496
Delta R.T. -0.00 min
Lab File: BG031961.D
Acq: 10 Jan 2018 00:34

Tgt Ion:112 Resp: 408630
Ion Ratio Lower Upper
112 100
64 49.5 56.3 84.5#
63 27.8 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 101.386 ng

RT: 7.89 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG031961.D

Acq: 10 Jan 2018 00:34

Instrument :

BNA_G

ClientSampleId :

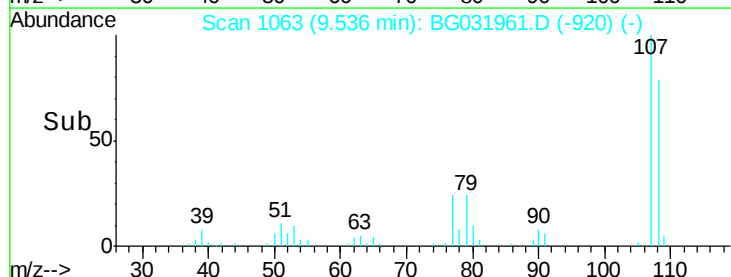
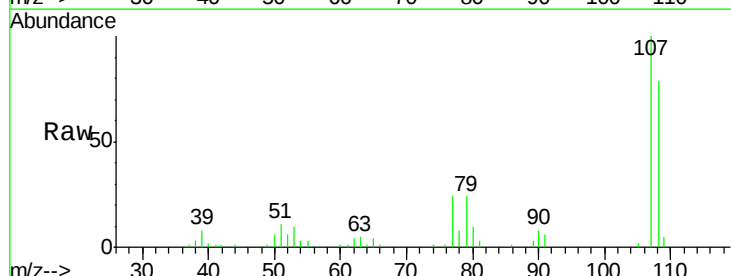
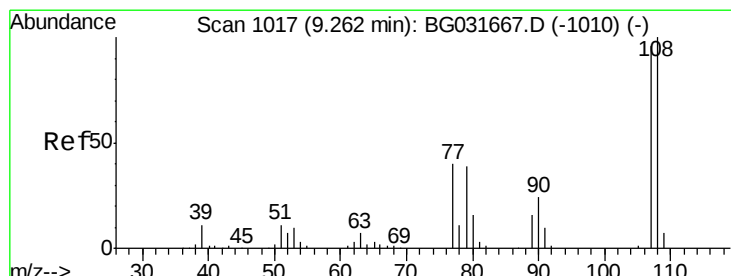
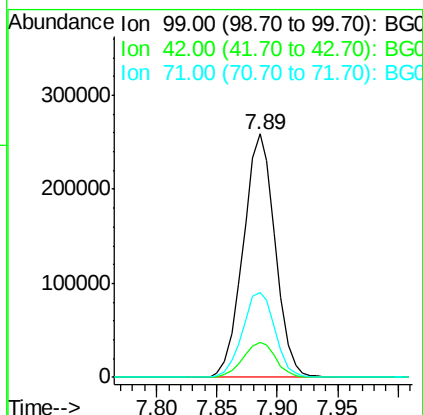
Tot Ion: 99 Resp: 476077

Ion Ratio Lower Upper

99 100

42 14.6 14.1 21.1

71 34.9 26.1 39.1



#17

2-Methylphenol

Concen: 10.558 ng

RT: 9.54 min Scan# 1063

Delta R.T. 0.31 min

Lab File: BG031961.D

Acq: 10 Jan 2018 00:34

Tgt Ion: 107 Resp: 35815

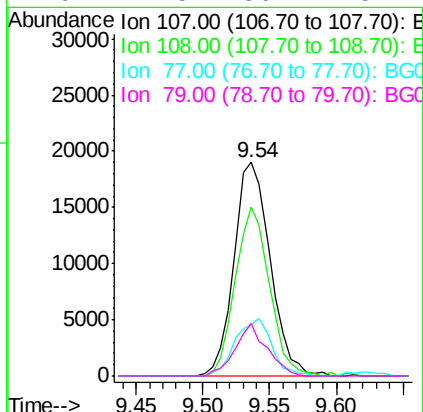
Ion Ratio Lower Upper

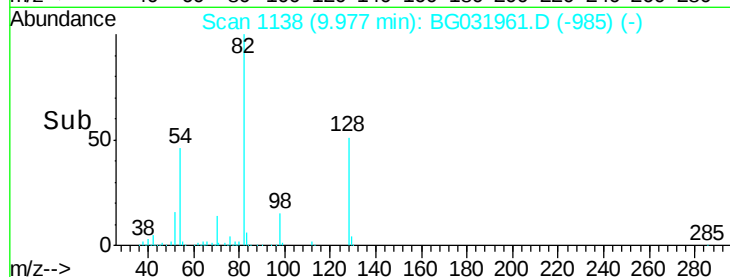
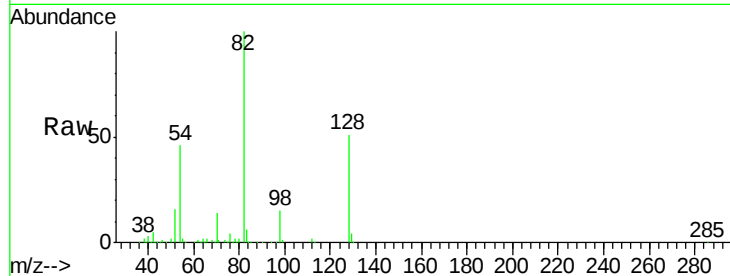
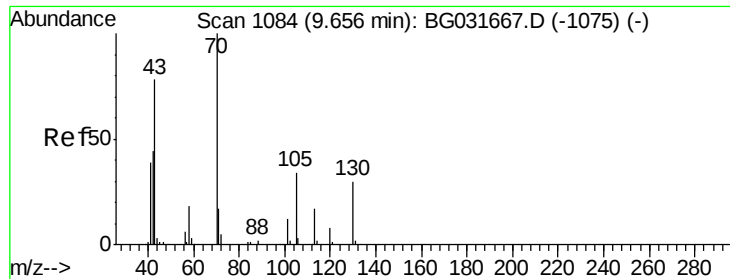
107 100

108 79.1 83.9 125.9#

77 24.2 37.2 55.8#

79 24.5 36.2 54.2#

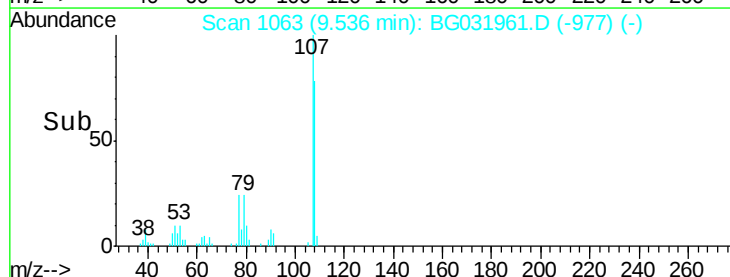
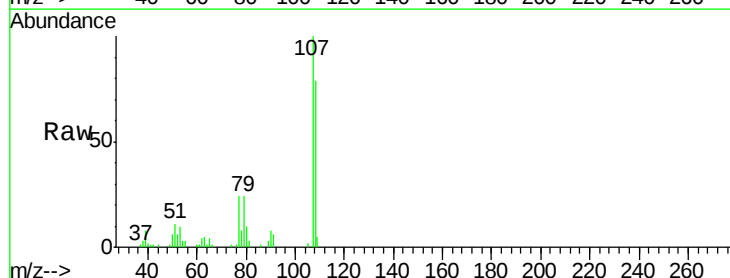
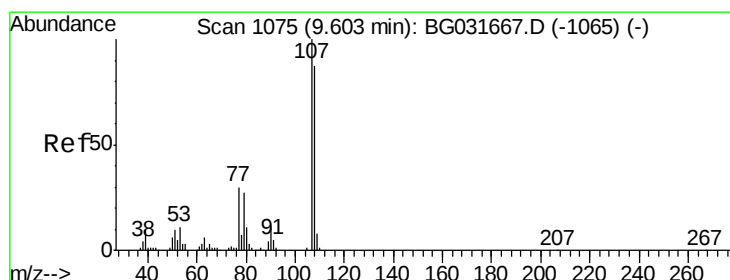
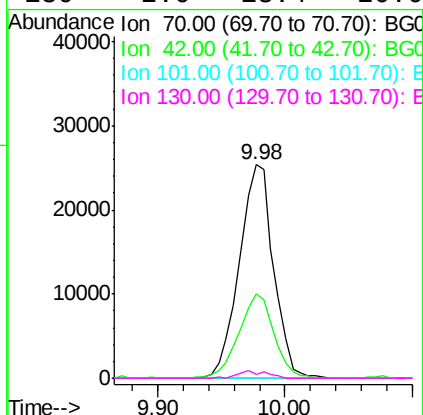




#19
n-Nitroso-di-n-propylamine
Concen: 14.832 ng
RT: 9.98 min Scan# 1138
Delta R.T. 0.37 min
Lab File: BG031961.D
Acq: 10 Jan 2018 00:34

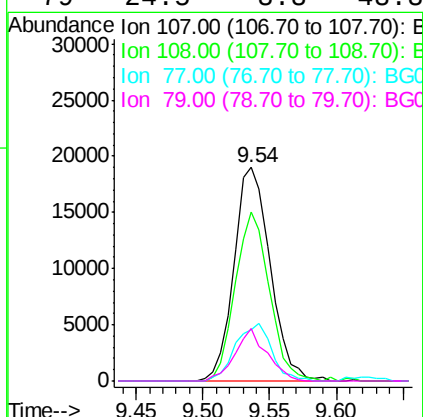
Instrument :
BNA_G
ClientSampled :

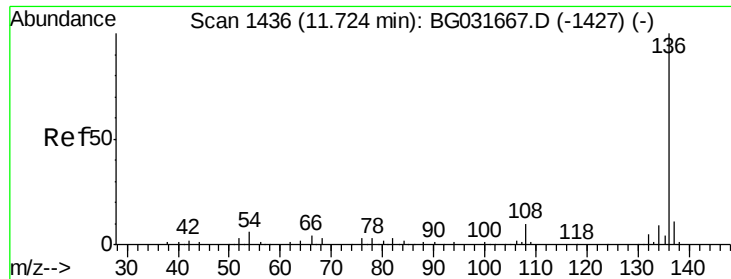
Tot Ion:	70	Resp:	47563
Ion	Ratio	Lower	Upper
70	100		
42	39.4	49.1	73.7#
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#



#20
3+4-Methylphenols
Concen: 7.429 ng
RT: 9.54 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BG031961.D
Acq: 10 Jan 2018 00:34

Tgt Ion:	107	Resp:	35815
Ion	Ratio	Lower	Upper
107	100		
108	79.1	61.6	101.6
77	24.2	13.9	53.9
79	24.5	8.8	48.8

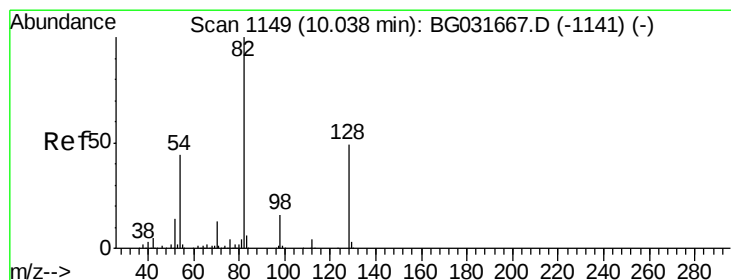
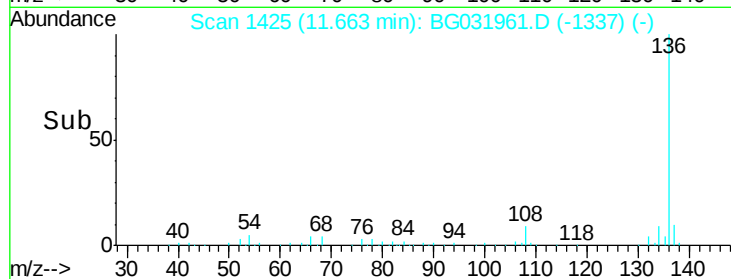
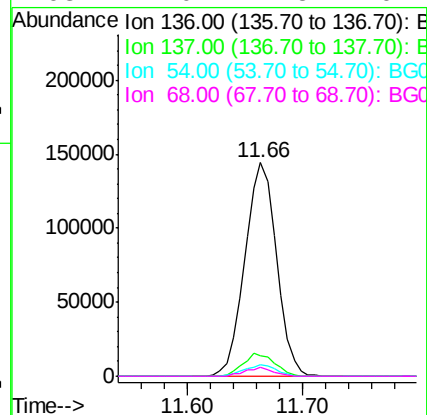
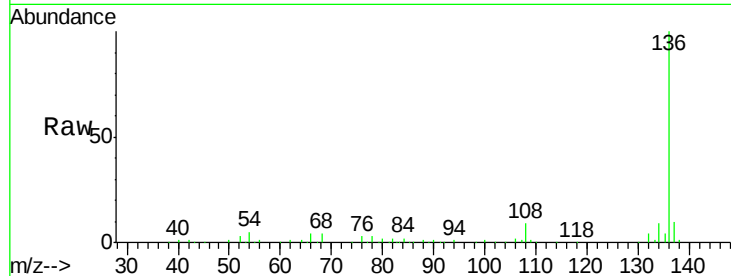




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.66 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BG031961.D
Acq: 10 Jan 2018 00:34

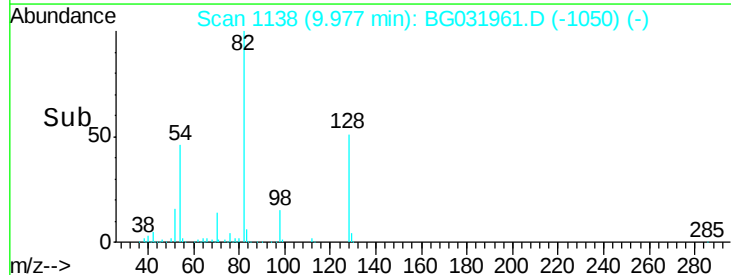
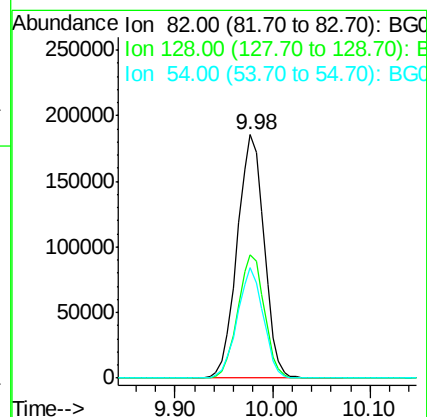
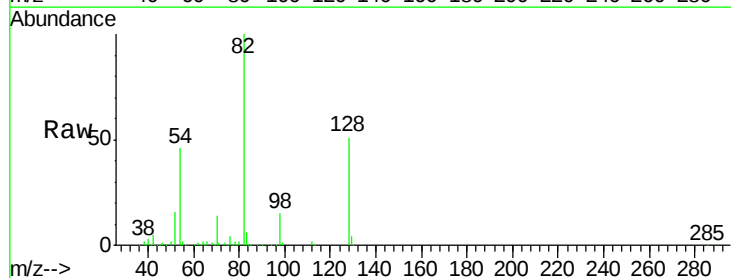
Instrument :
BNA_G
ClientSampleId :

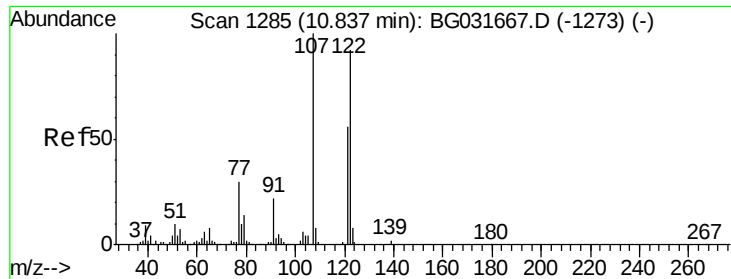
Tot Ion:136	Resp:	275115
Ion Ratio	Lower	Upper
136	100	
137	9.9	9.2 13.8
54	5.5	10.3 15.5#
68	4.0	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 97.488 ng
RT: 9.98 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BG031961.D
Acq: 10 Jan 2018 00:34

Tgt Ion: 82	Resp:	355181
Ion Ratio	Lower	Upper
82	100	
128	50.8	29.7 44.5#
54	45.6	43.1 64.7

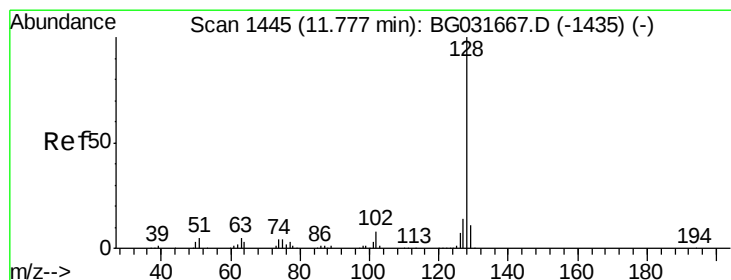
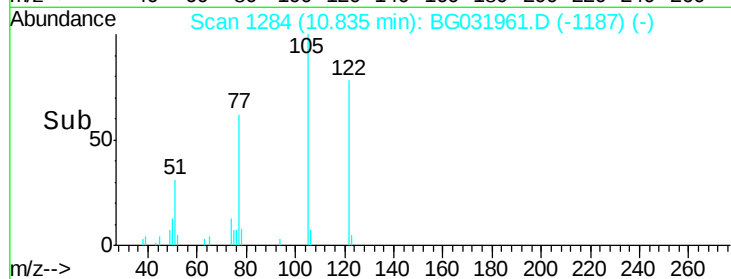
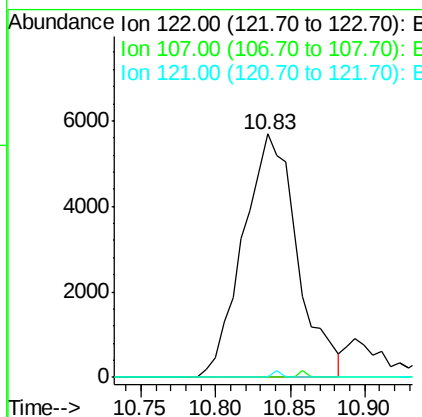
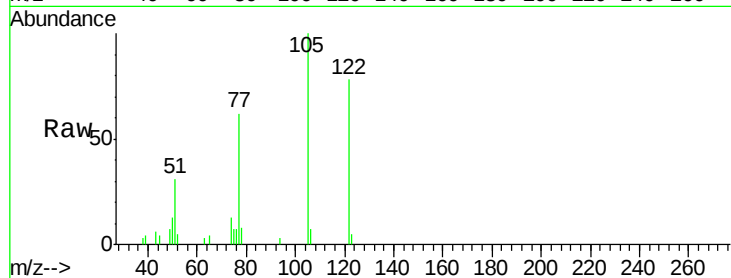




#27
2,4-Dimethylphenol
Concen: 3.455 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.04 min
Lab File: BG031961.D
Acq: 10 Jan 2018 00:34

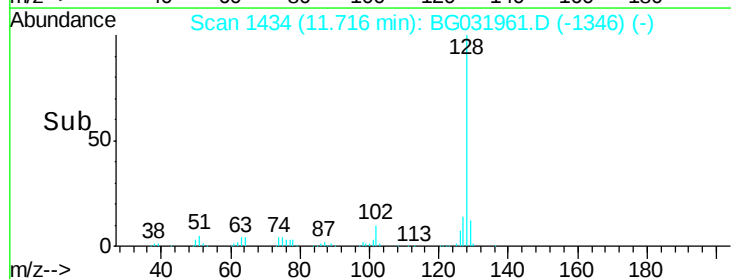
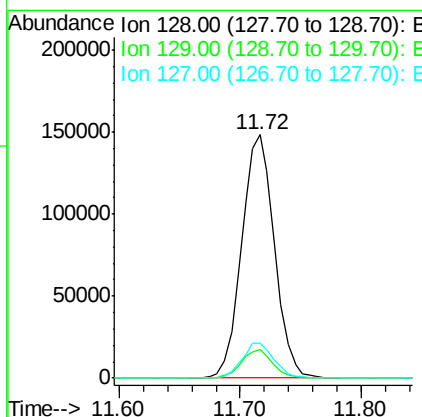
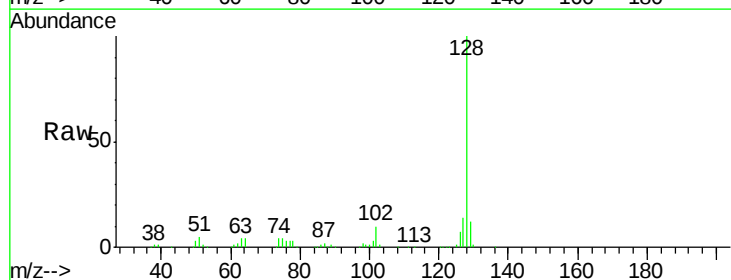
Instrument :
BNA_G
ClientSampleId :

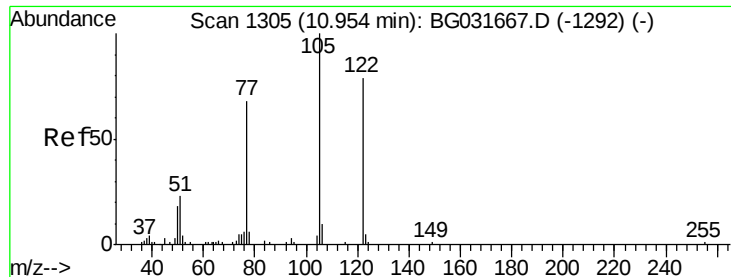
Tot Ion:122 Resp: 14314
Ion Ratio Lower Upper
122 100
107 0.0 100.2 150.2#
121 0.0 44.4 66.6#



#31
Naphthalene
Concen: 20.090 ng
RT: 11.72 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031961.D
Acq: 10 Jan 2018 00:34

Tgt Ion:128 Resp: 278942
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 14.5 11.6 17.4

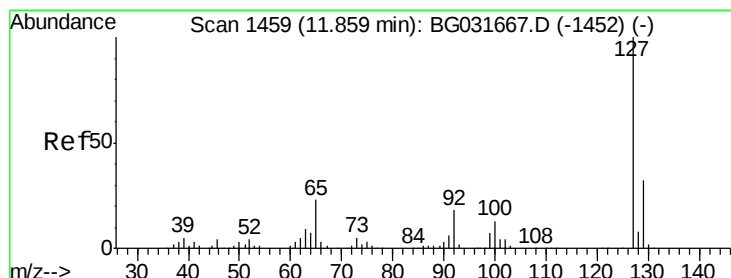
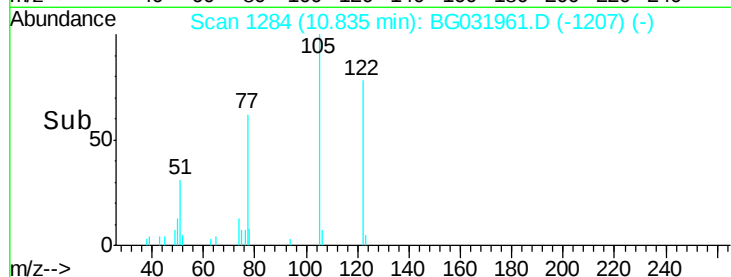
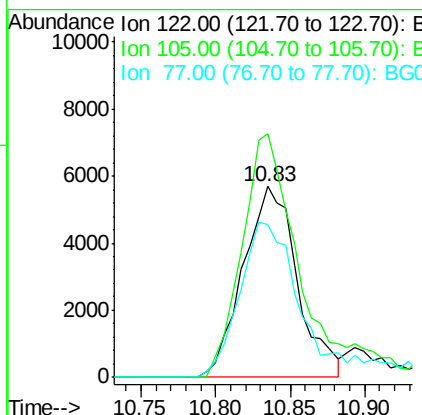
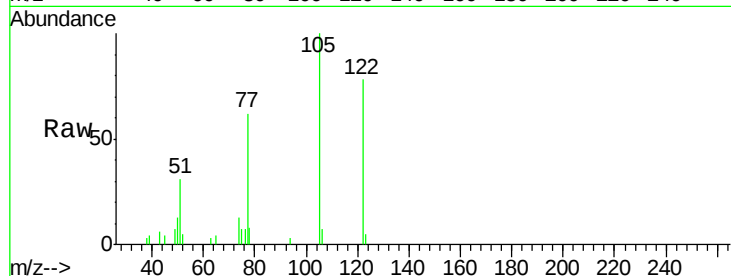




#32
Benzoic acid
Concen: 11.055 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.07 min
Lab File: BG031961.D
Acq: 10 Jan 2018 00:34

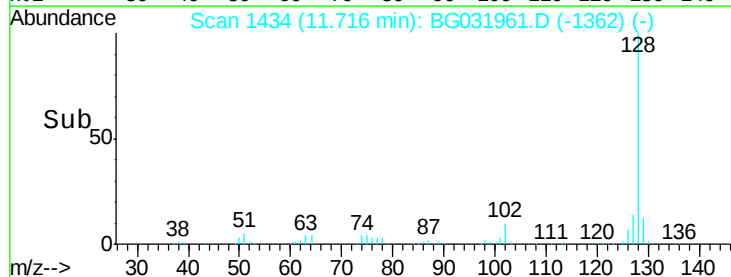
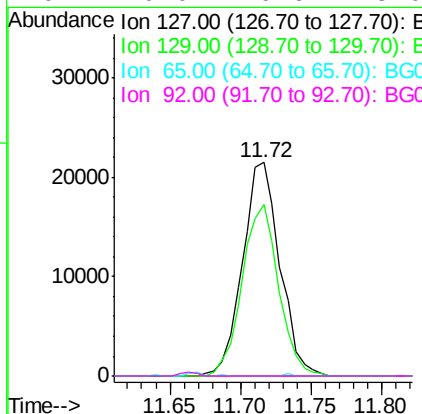
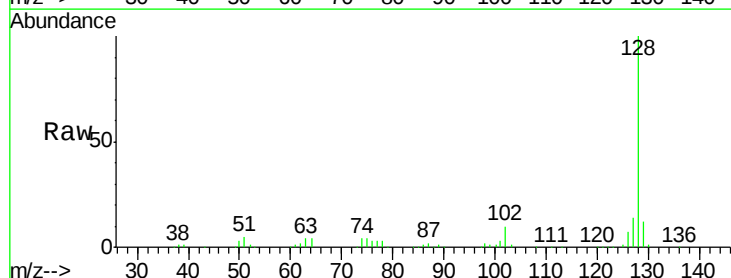
Instrument :
BNA_G
ClientSampleId :

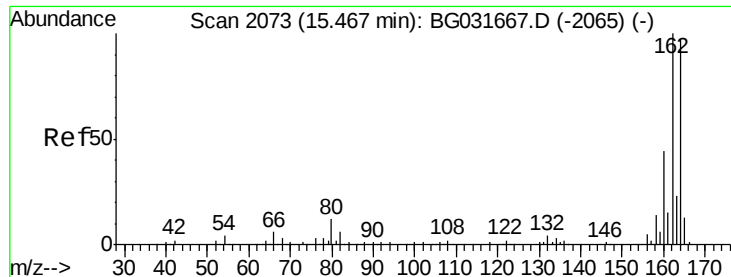
Tot Ion:122 Resp: 14314
Ion Ratio Lower Upper
122 100
105 127.5 123.5 163.5
77 79.7 85.7 125.7#



#33
4-Chloroaniline
Concen: 6.439 ng
RT: 11.72 min Scan# 1434
Delta R.T. -0.10 min
Lab File: BG031961.D
Acq: 10 Jan 2018 00:34

Tgt Ion:127 Resp: 39801
Ion Ratio Lower Upper
127 100
129 80.0 24.0 36.0#
65 0.0 27.0 40.4#
92 0.0 16.6 25.0#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.41 min Scan# 2062

Delta R.T. -0.02 min

Lab File: BG031961.D

Acq: 10 Jan 2018 00:34

Instrument :

BNA_G

ClientSampleId :

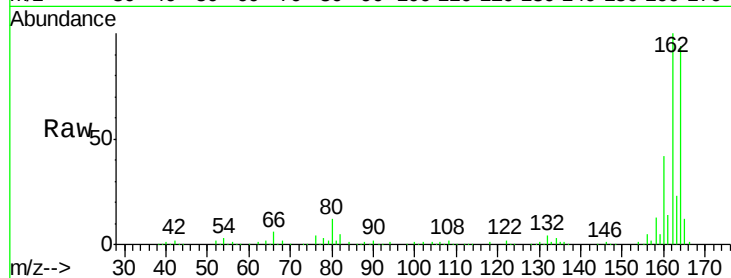
Tot Ion:164 Resp: 185157

Ion Ratio Lower Upper

164 100

162 106.0 78.8 118.2

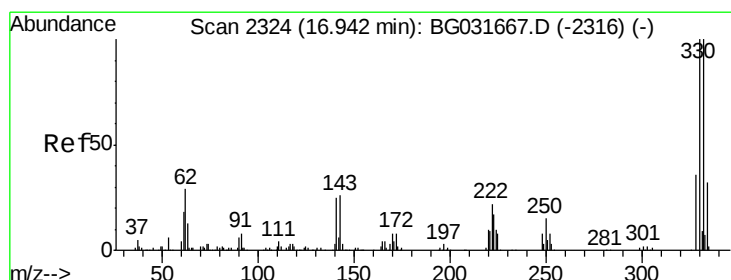
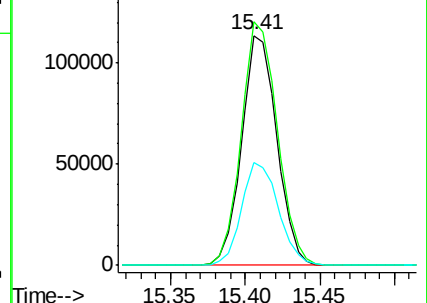
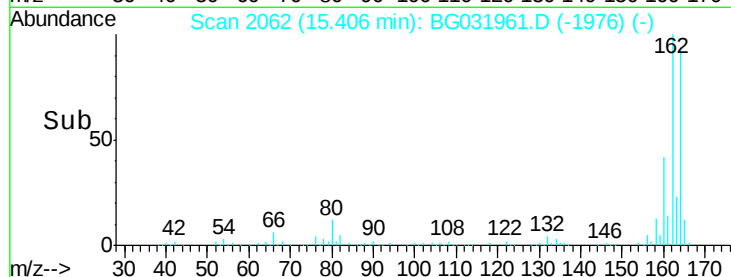
160 44.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 143.742 ng

RT: 16.89 min Scan# 2314

Delta R.T. -0.02 min

Lab File: BG031961.D

Acq: 10 Jan 2018 00:34

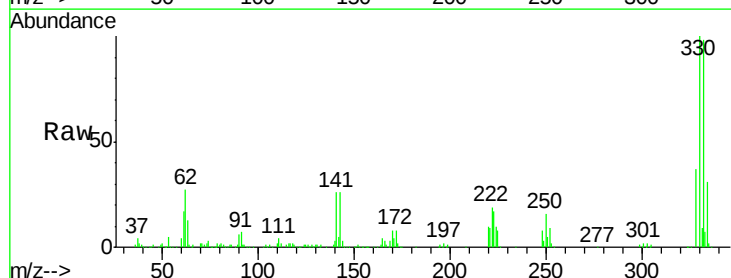
Tgt Ion:330 Resp: 406106

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

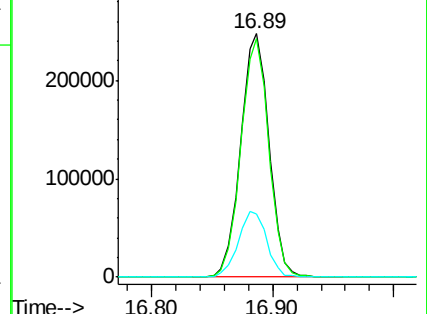
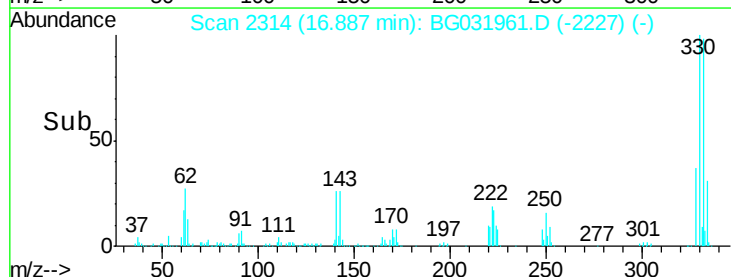
141 27.0 25.2 37.8

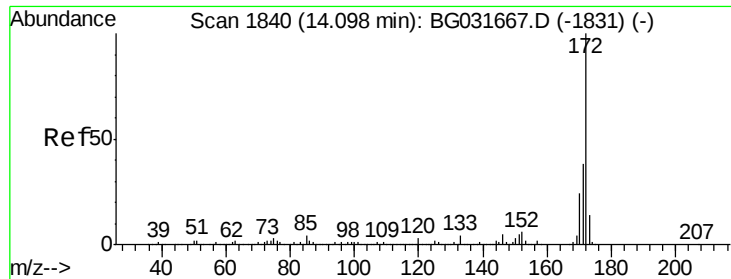


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



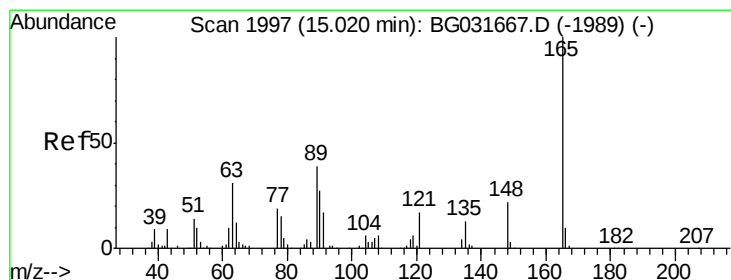
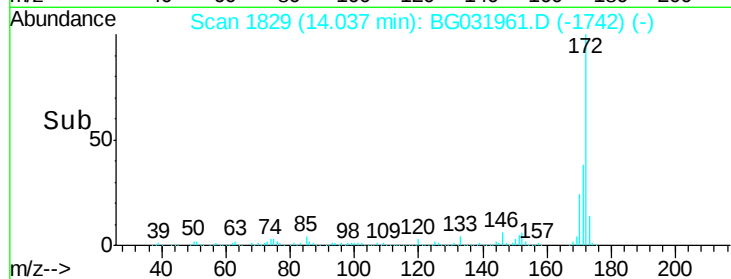
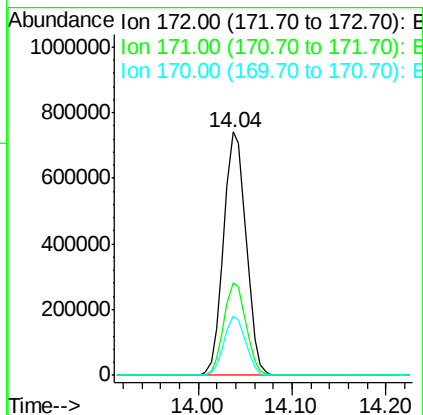
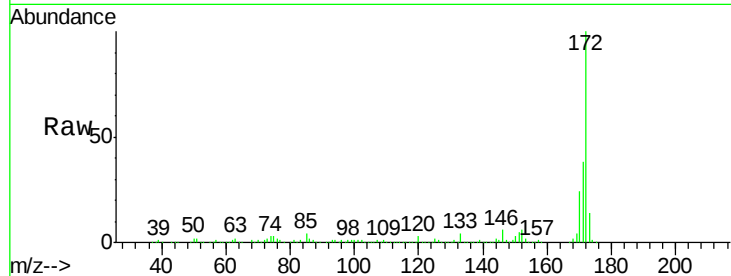


#44
 2-Fluorobiphenyl
 Concen: 84.027 ng
 RT: 14.04 min Scan# 1829
 Delta R.T. -0.02 min
 Lab File: BG031961.D
 Acq: 10 Jan 2018 00:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1239565

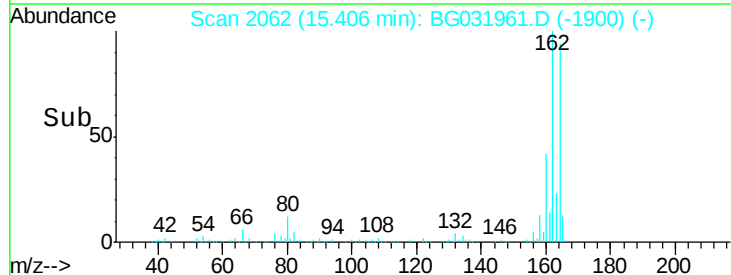
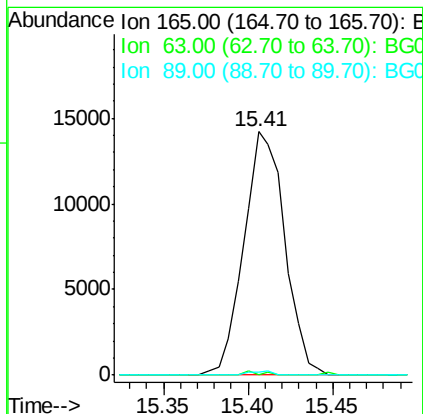
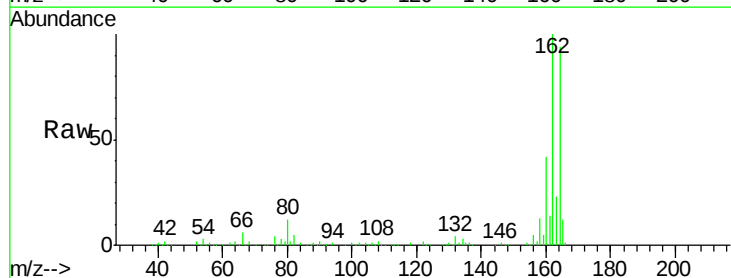
Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.4	19.5	29.3

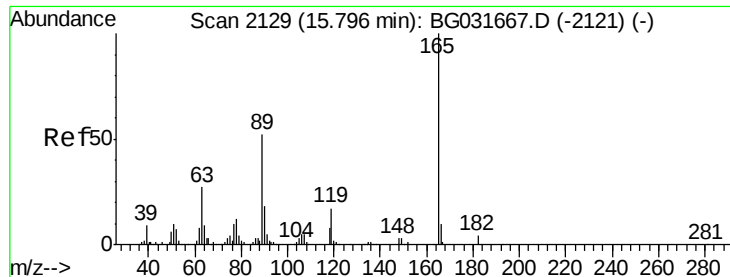


#50
 2,6-Dinitrotoluene
 Concen: 7.958 ng
 RT: 15.41 min Scan# 2062
 Delta R.T. 0.42 min
 Lab File: BG031961.D
 Acq: 10 Jan 2018 00:34

Tgt Ion:165 Resp: 23881

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.3	49.2	73.8#

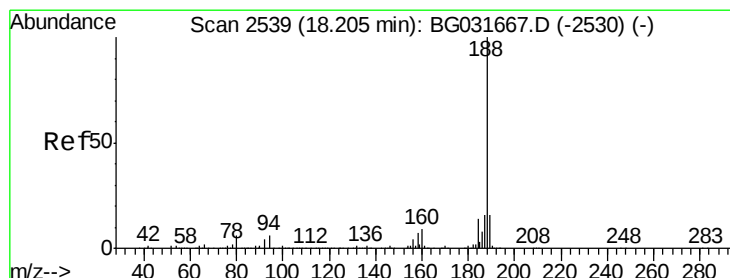
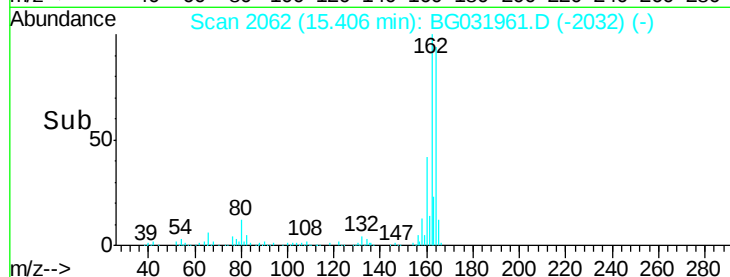
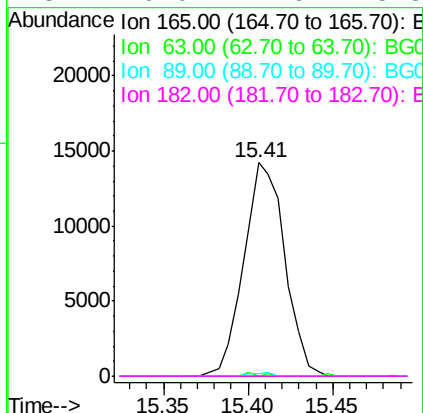
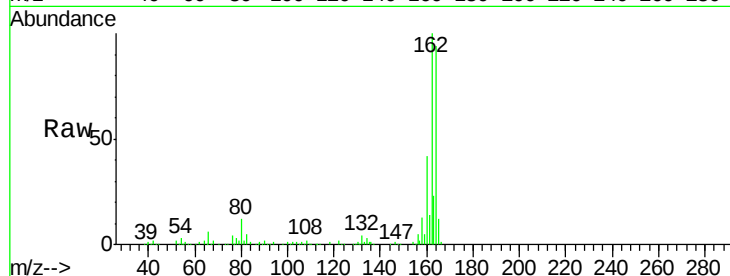




#56
 2,4-Dinitrotoluene
 Concen: 6.189 ng
 RT: 15.41 min Scan# 2062
 Delta R.T. -0.35 min
 Lab File: BG031961.D
 Acq: 10 Jan 2018 00:34

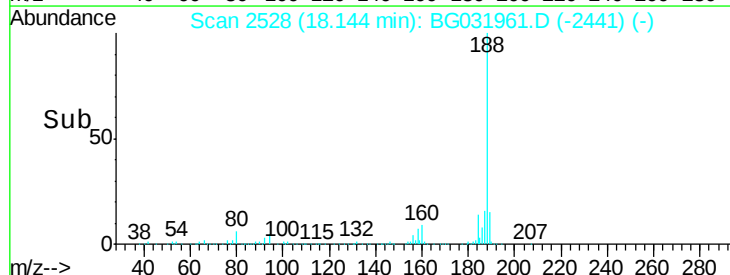
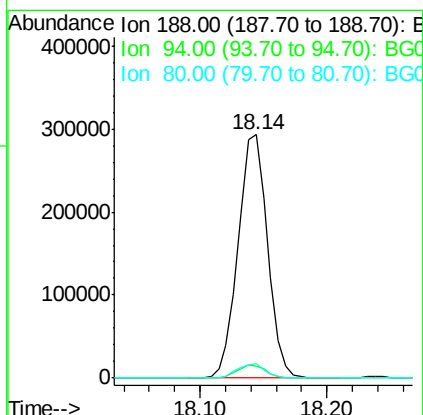
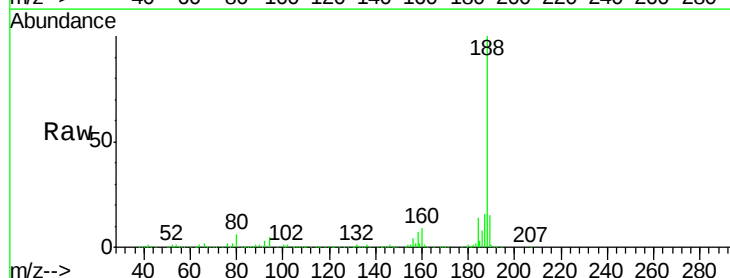
Instrument :
 BNA_G
 ClientSampleId :

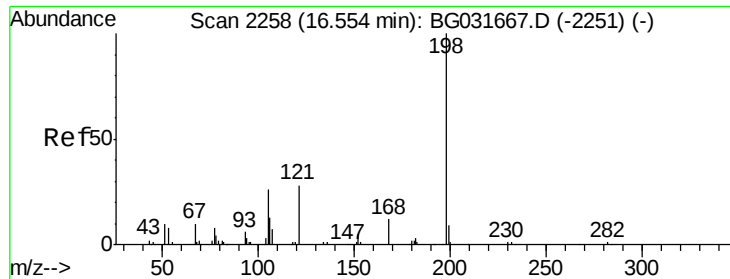
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.3	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.14 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG031961.D
 Acq: 10 Jan 2018 00:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.2	6.9	10.3#
80	5.8	7.7	11.5#

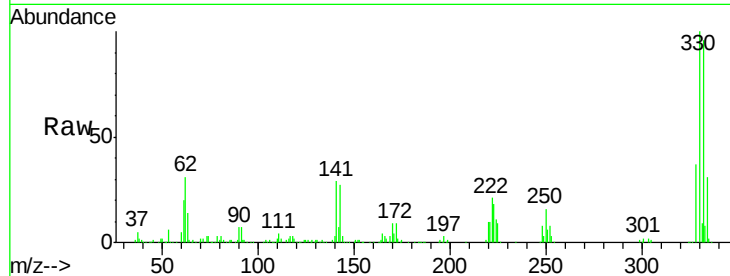




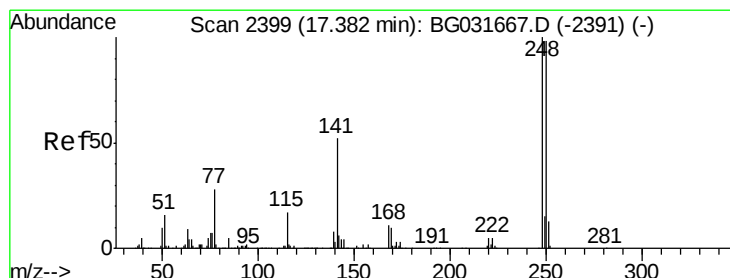
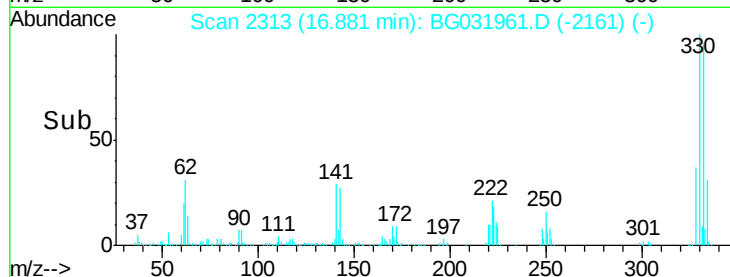
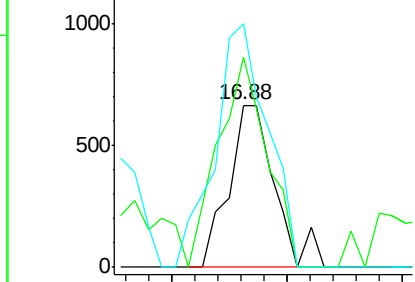
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.639 ng
 RT: 16.88 min Scan# 2313
 Delta R.T. 0.37 min
 Lab File: BG031961.D
 Acq: 10 Jan 2018 00:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 925
 Ion Ratio Lower Upper
 198 100
 51 130.0 30.6 70.6#
 105 150.2 23.8 63.8#

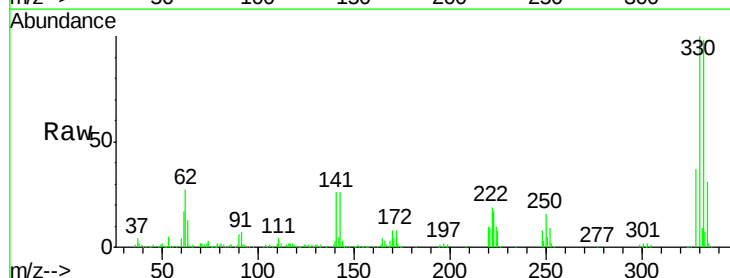


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

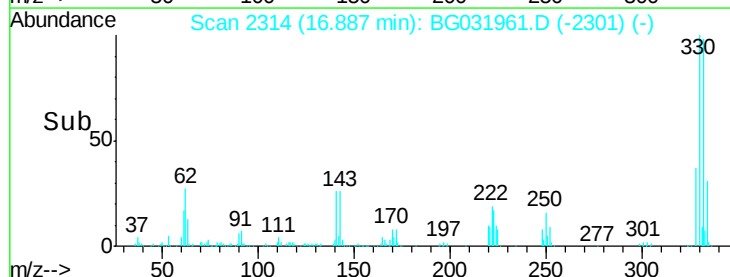
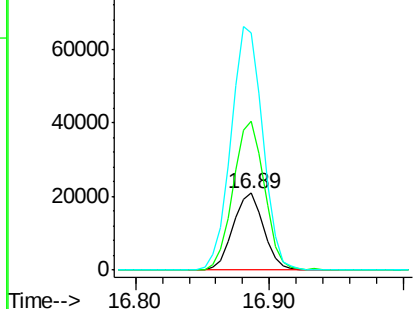


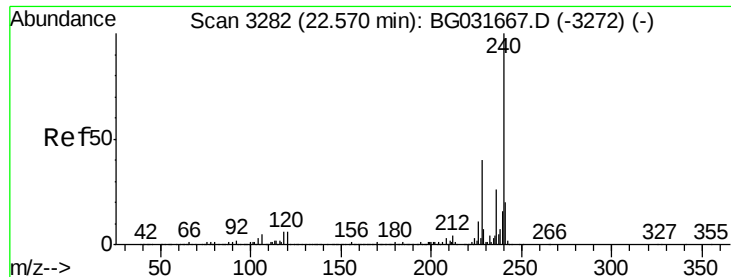
#66
 4-Bromophenyl-phenylether
 Concen: 4.898 ng
 RT: 16.89 min Scan# 2314
 Delta R.T. -0.45 min
 Lab File: BG031961.D
 Acq: 10 Jan 2018 00:34

Tgt Ion:248 Resp: 33383
 Ion Ratio Lower Upper
 248 100
 250 193.3 77.1 115.7#
 141 308.2 50.8 76.2#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

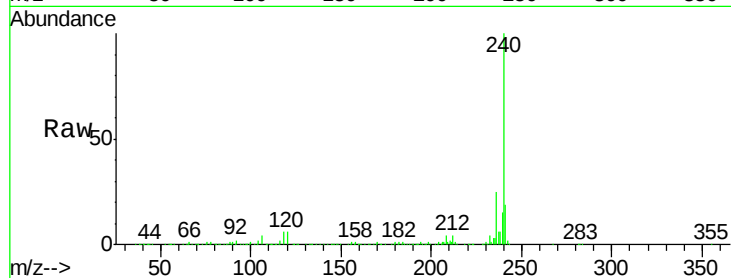




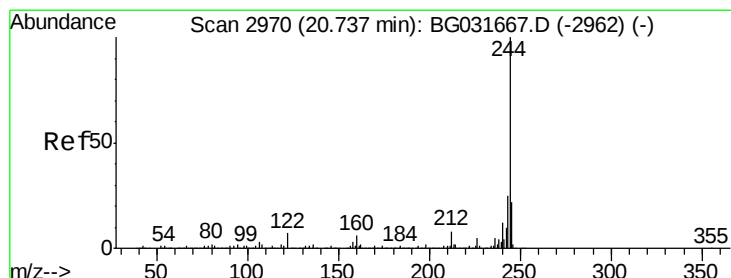
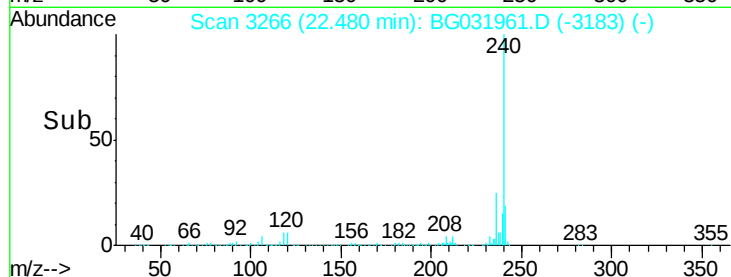
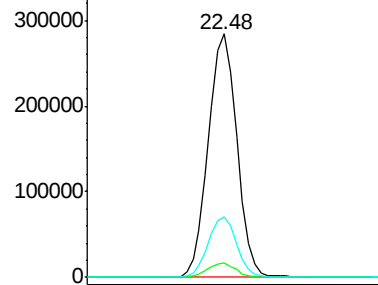
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.48 min Scan# 3266
Delta R.T. -0.04 min
Lab File: BG031961.D
Acq: 10 Jan 2018 00:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:240 Resp: 533171
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 24.9 20.9 31.3

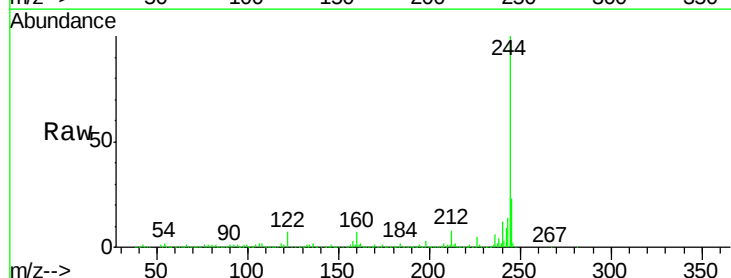


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

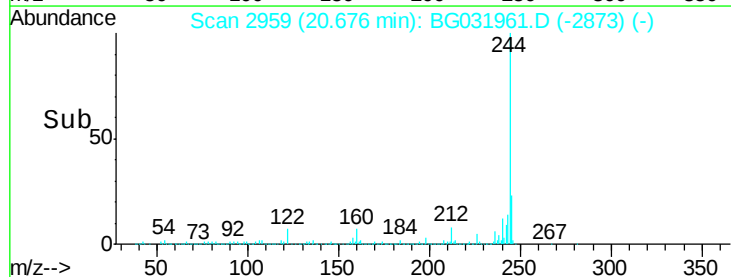
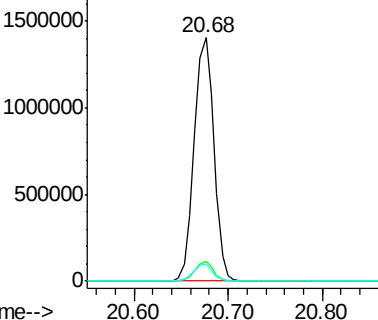


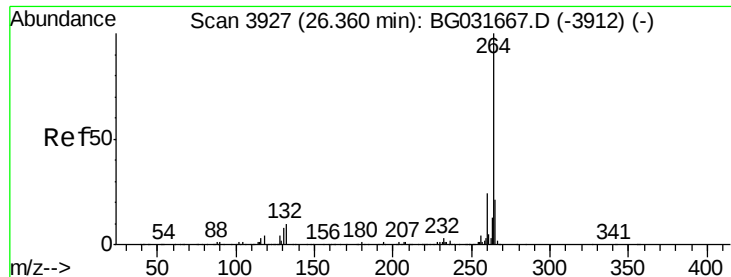
#78
Terphenyl-d14
Concen: 88.517 ng
RT: 20.68 min Scan# 2959
Delta R.T. -0.02 min
Lab File: BG031961.D
Acq: 10 Jan 2018 00:34

Tgt Ion:244 Resp: 2065742
Ion Ratio Lower Upper
244 100
212 8.0 5.8 8.8
122 7.1 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

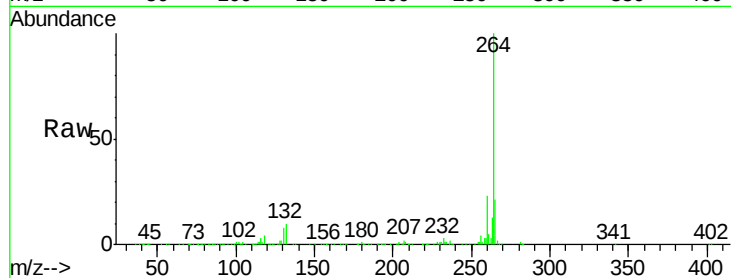




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.21 min Scan# 3900
 Delta R.T. -0.09 min
 Lab File: BG031961.D
 Acq: 10 Jan 2018 00:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	21.5	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

