

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010918\
 Data File : BG031949.D
 Acq On : 9 Jan 2018 17:04
 Operator : SJ/JU
 Sample : PB105532BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 00:22:12 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

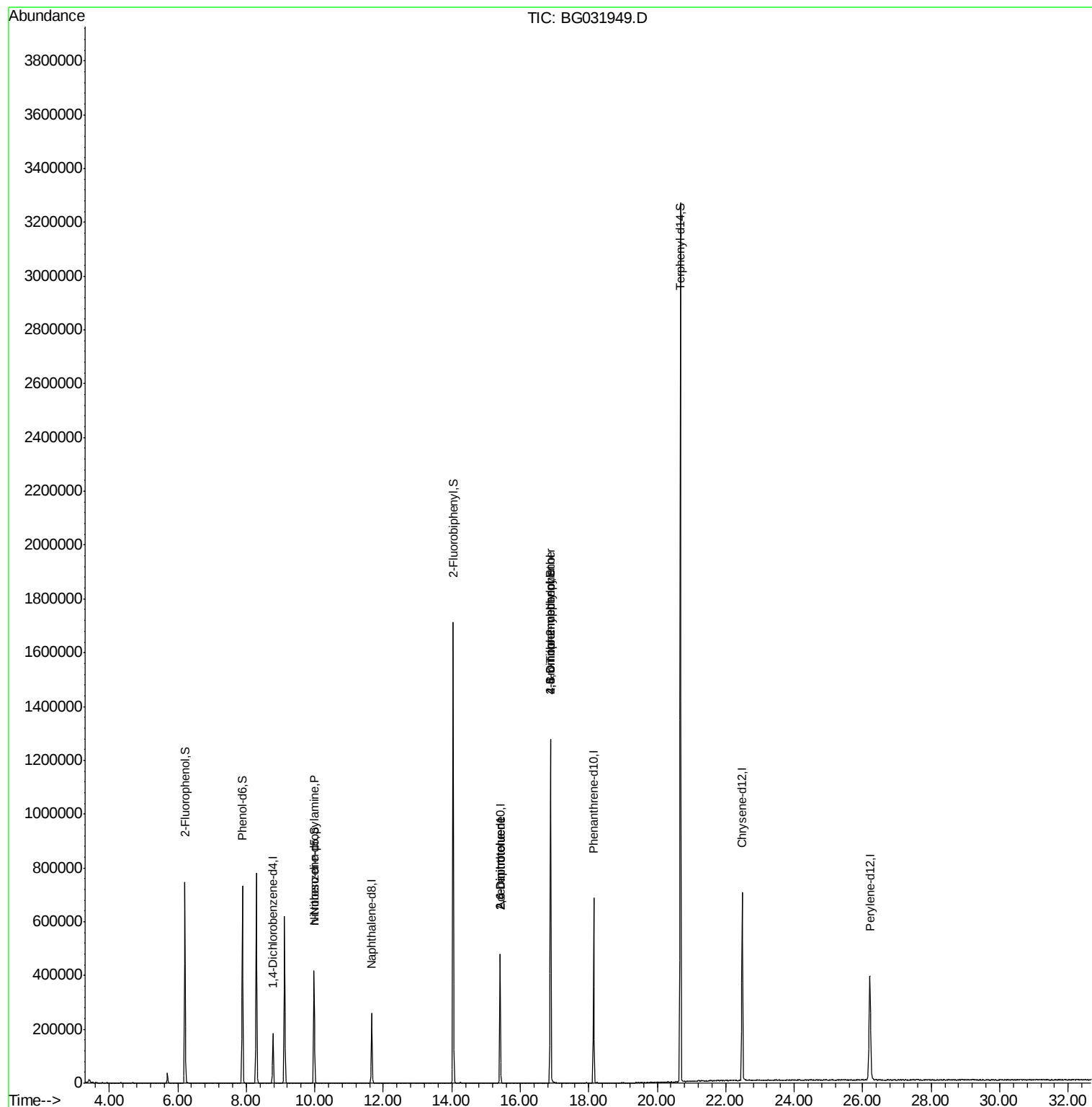
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	61595	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	267366	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	186420	20.00	ng	-0.02
63) Phenanthrene-d10	18.14	188	466572	20.00	ng	-0.02
75) Chrysene-d12	22.48	240	538358	20.00	ng	-0.04
86) Perylene-d12	26.20	264	535691	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	394981	116.80	ng	0.00
7) Phenol-d6	7.89	99	510148	116.19	ng	0.00
23) Nitrobenzene-d5	9.98	82	277317	78.32	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	310958	109.32	ng	-0.02
44) 2-Fluorobiphenyl	14.04	172	1043690	70.27	ng	-0.01
78) Terphenyl-d14	20.67	244	1735423	73.65	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.97	70	36276	12.098	ng	# 73
50) 2,6-Dinitrotoluene	15.41	165	23374	7.737	ng	# 18
56) 2,4-Dinitrotoluene	15.41	165	23374	6.017	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.88	198	825	8.606	ng	# 1
66) 4-Bromophenyl-phenylether	16.88	248	24693	3.660	ng	# 1

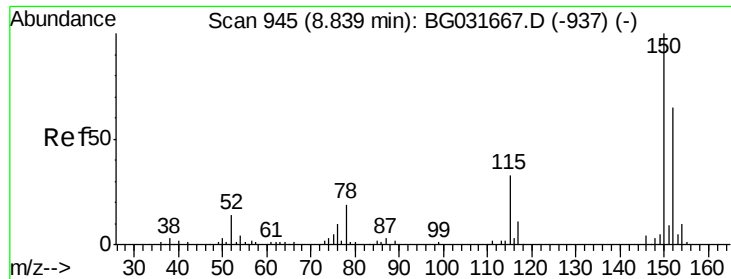
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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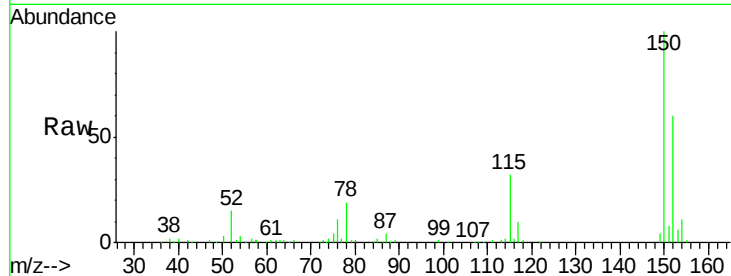


#1

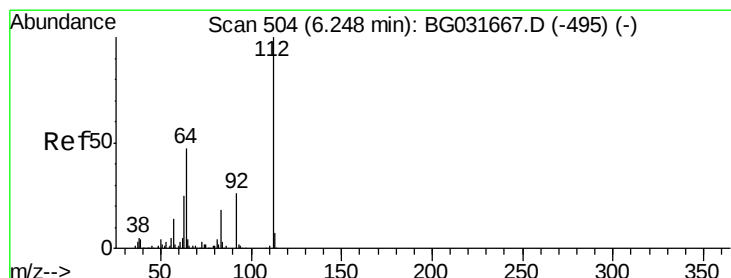
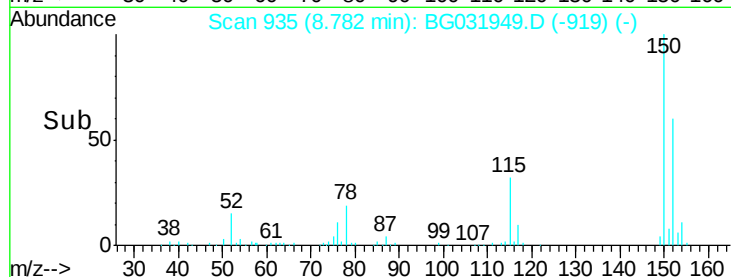
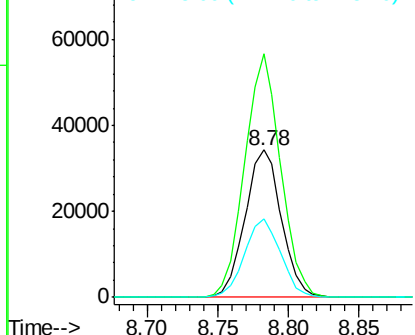
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031949.D
Acq: 9 Jan 2018 17:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61595
Ion Ratio Lower Upper
152 100
150 165.5 126.6 189.8
115 53.5 53.0 79.4



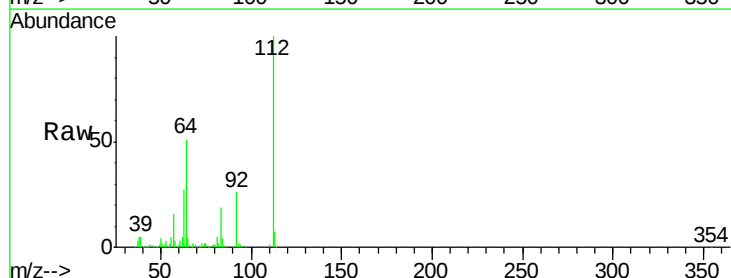
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



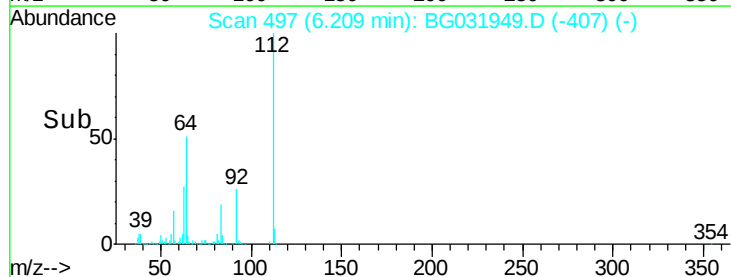
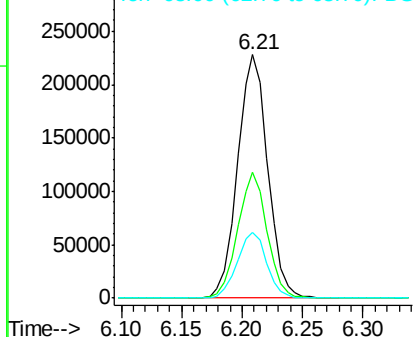
#5

2-Fluorophenol
Concen: 116.797 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031949.D
Acq: 9 Jan 2018 17:04

Tgt Ion:112 Resp: 394981
Ion Ratio Lower Upper
112 100
64 51.5 56.3 84.5#
63 27.1 30.1 45.1#



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





#7

Phenol-d6

Concen: 116.190 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031949.D

Acq: 9 Jan 2018 17:04

Instrument :

BNA_G

ClientSampleId :

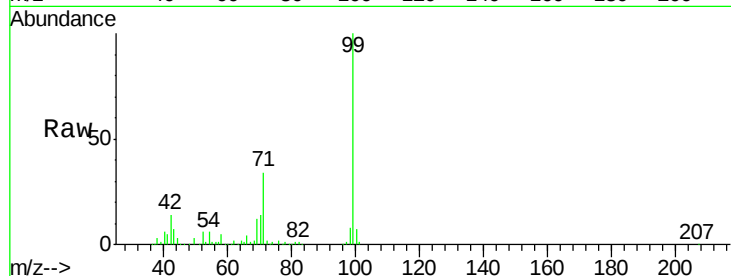
Tot Ion: 99 Resp: 510148

Ion Ratio Lower Upper

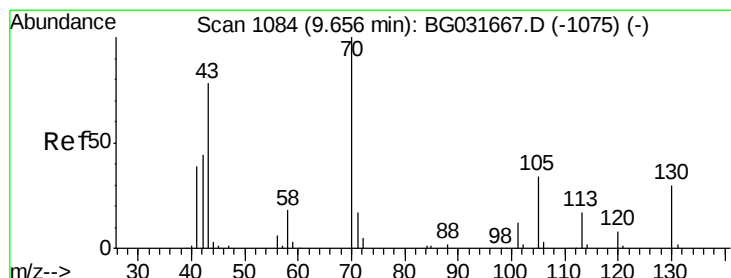
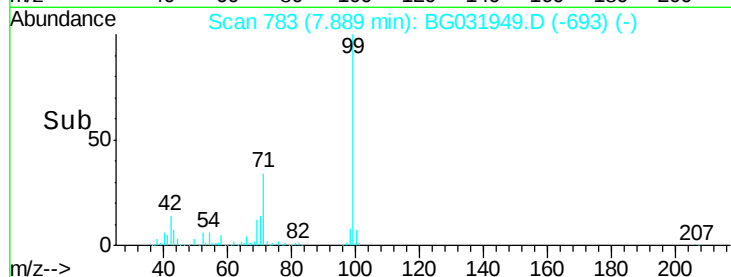
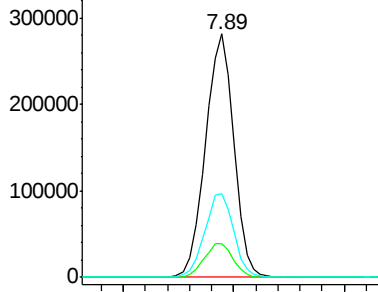
99 100

42 13.7 14.1 21.1#

71 34.5 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 12.098 ng

RT: 9.97 min Scan# 1138

Delta R.T. 0.37 min

Lab File: BG031949.D

Acq: 9 Jan 2018 17:04

Tgt Ion: 70 Resp: 36276

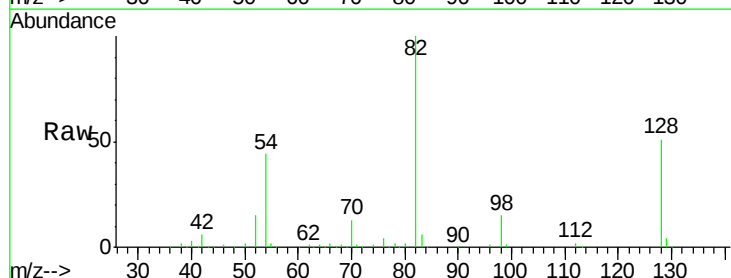
Ion Ratio Lower Upper

70 100

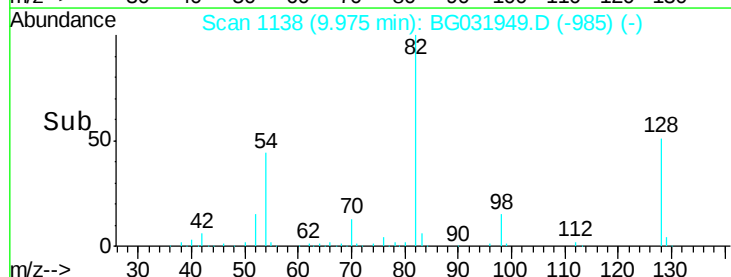
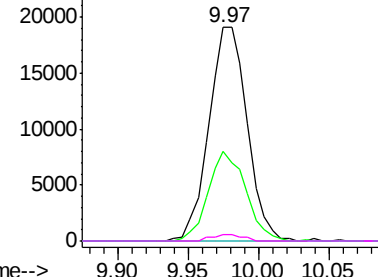
42 41.9 49.1 73.7#

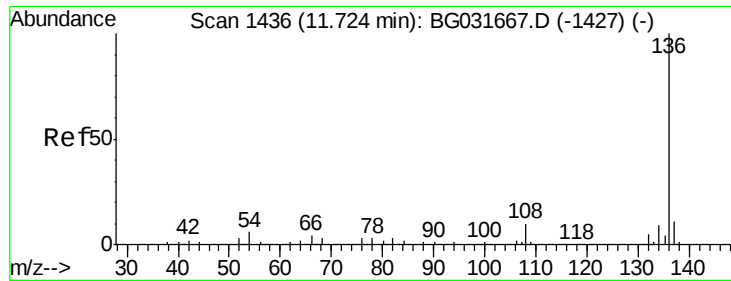
101 0.0 8.5 12.7#

130 3.1 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

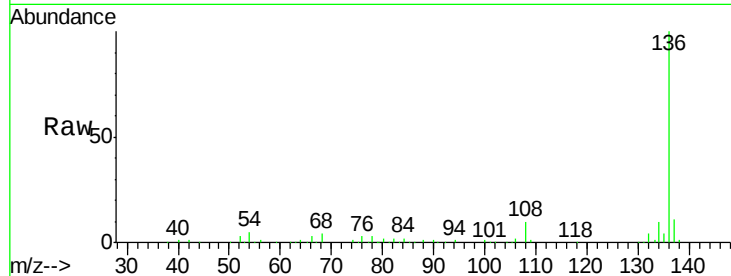




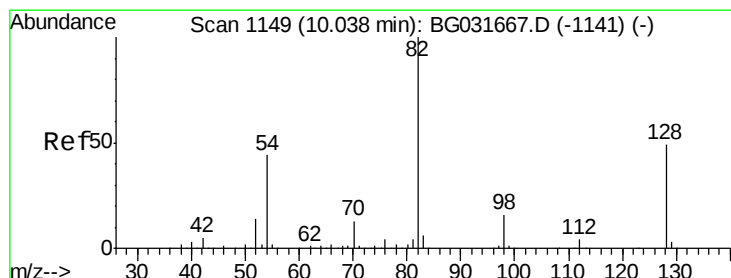
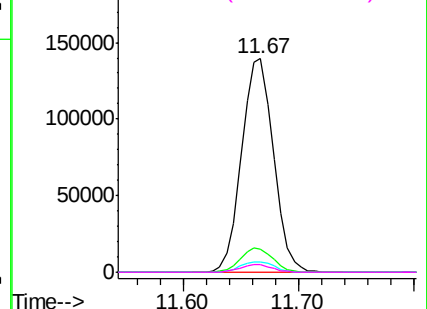
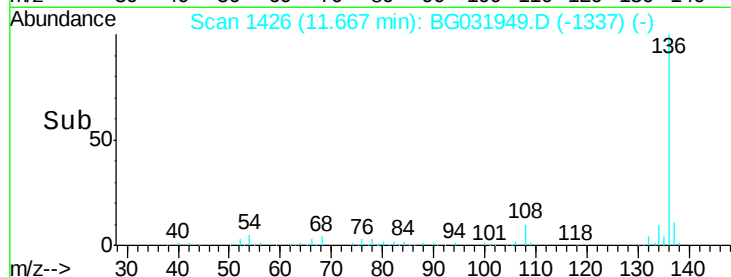
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031949.D
Acq: 9 Jan 2018 17:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	267366
Ion	Ratio	Lower Upper
136	100	
137	10.6	9.2 13.8
54	5.1	10.3 15.5#
68	3.9	4.5 6.7#

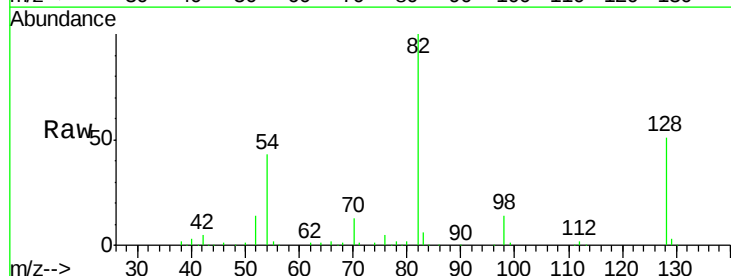


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

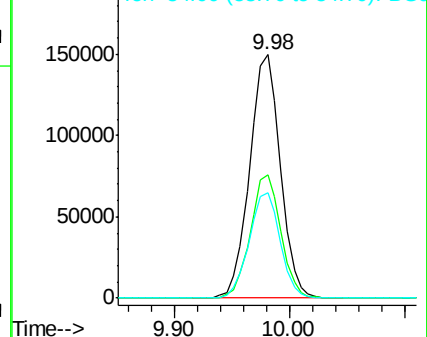
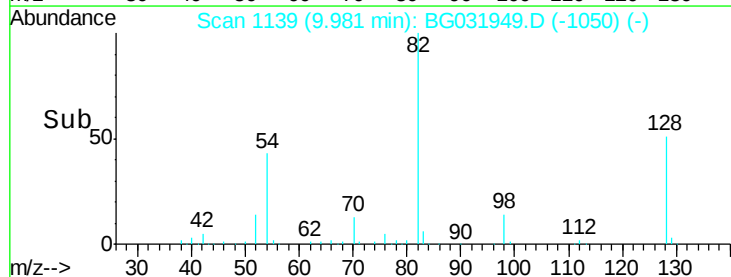


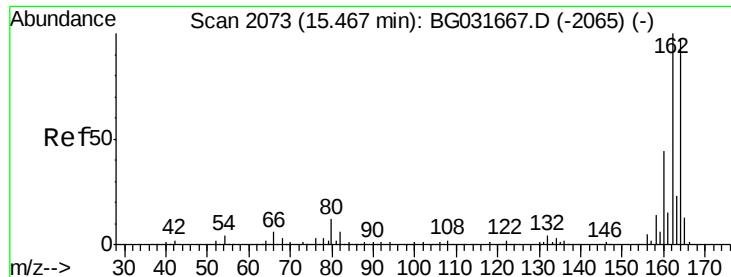
#23
Nitrobenzene-d5
Concen: 78.323 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG031949.D
Acq: 9 Jan 2018 17:04

Tgt Ion: 82	Resp:	277317
Ion	Ratio	Lower Upper
82	100	
128	50.6	29.7 44.5#
54	43.2	43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.02 min

Lab File: BG031949.D

Acq: 9 Jan 2018 17:04

Instrument :

BNA_G

ClientSampleId :

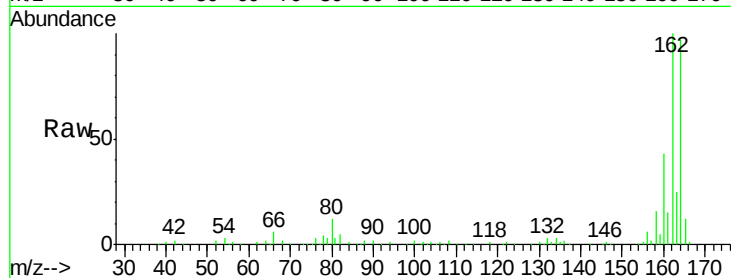
Tot Ion:164 Resp: 186420

Ion Ratio Lower Upper

164 100

162 102.8 78.8 118.2

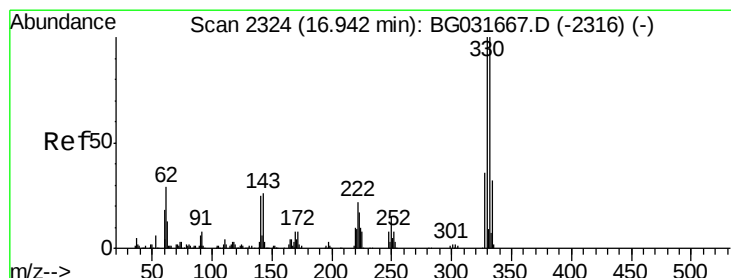
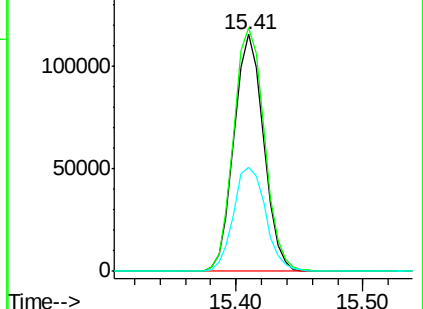
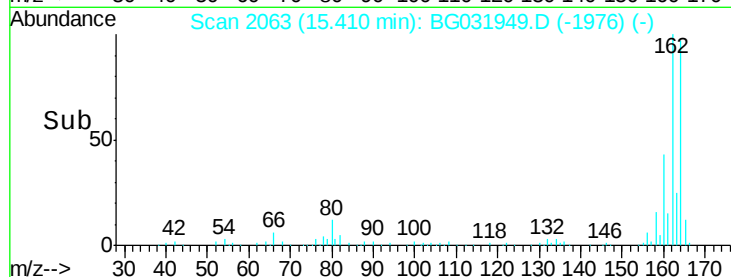
160 44.2 35.4 53.0



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: 109.319 ng

RT: 16.88 min Scan# 2314

Delta R.T. -0.02 min

Lab File: BG031949.D

Acq: 9 Jan 2018 17:04

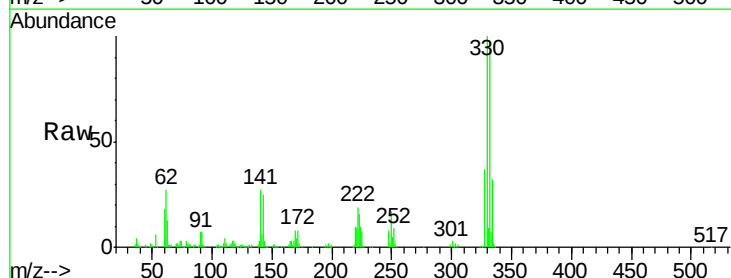
Tgt Ion:330 Resp: 310958

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

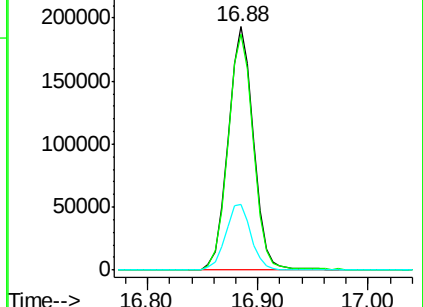
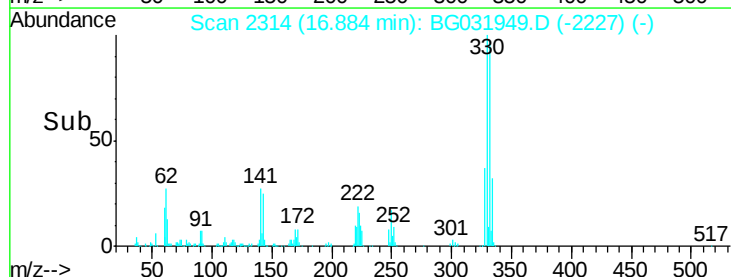
141 27.4 25.2 37.8

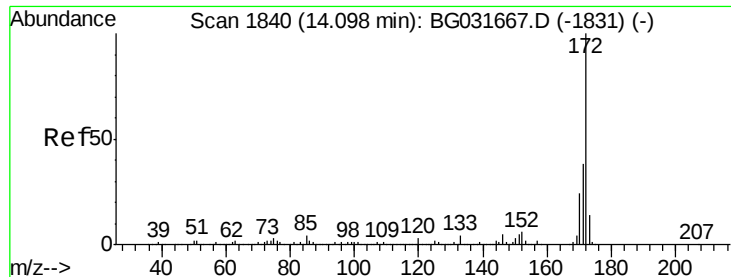


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

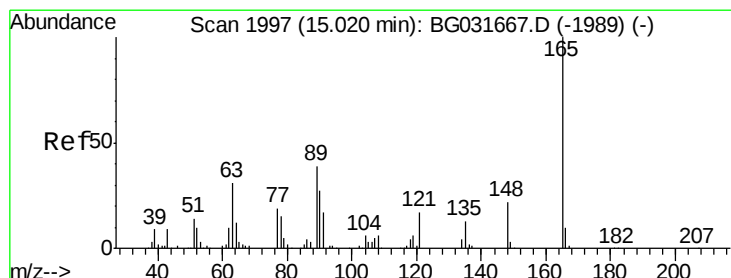
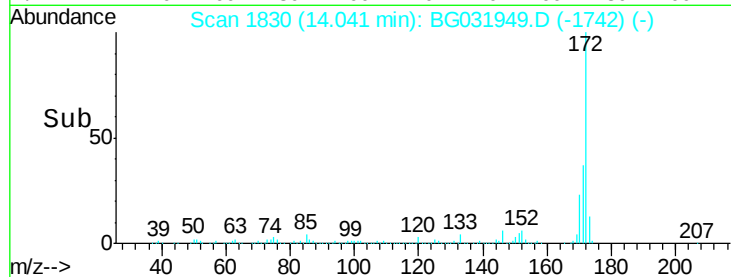
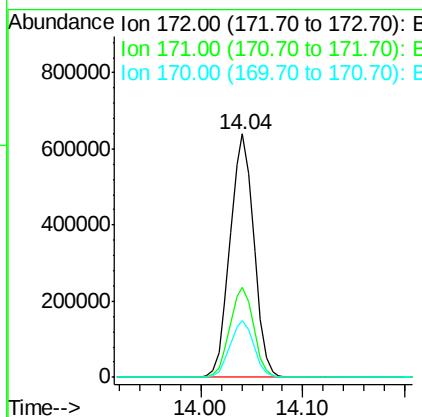
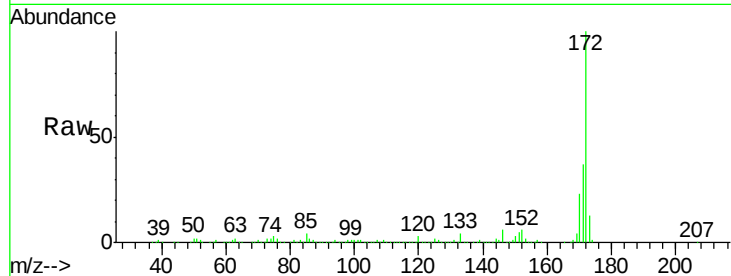




#44
 2-Fluorobiphenyl
 Concen: 70.270 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG031949.D
 Acq: 9 Jan 2018 17:04

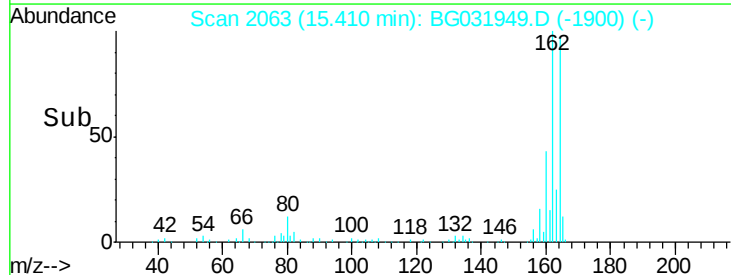
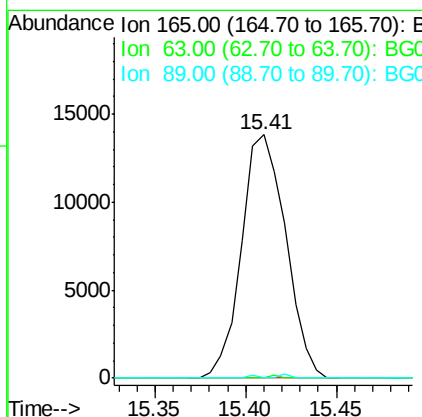
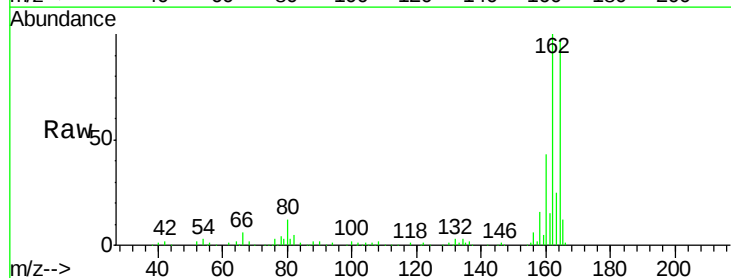
Instrument :
 BNA_G
 ClientSampleId :

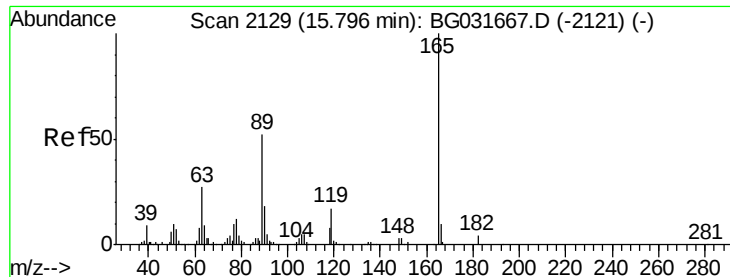
Tot Ion:172 Resp: 1043690
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 23.3 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.737 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. 0.43 min
 Lab File: BG031949.D
 Acq: 9 Jan 2018 17:04

Tgt Ion:165 Resp: 23374
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#





#56

2,4-Dinitrotoluene

Concen: 6.017 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.35 min

Lab File: BG031949.D

Acq: 9 Jan 2018 17:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 23374

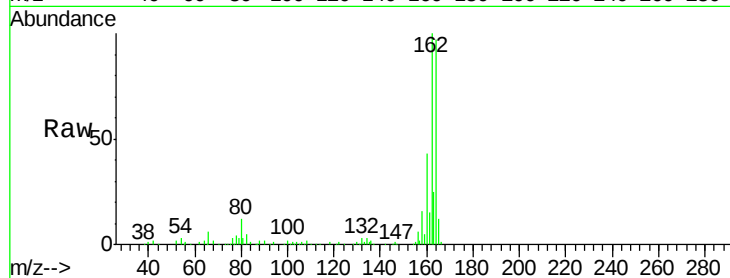
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

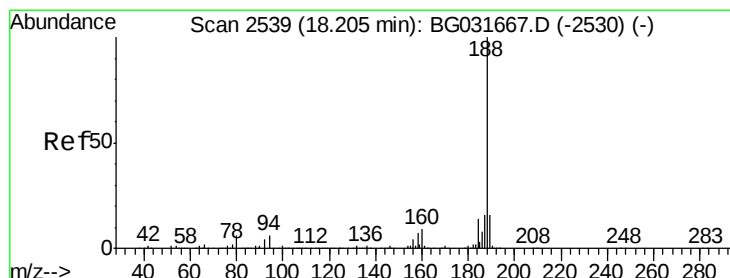
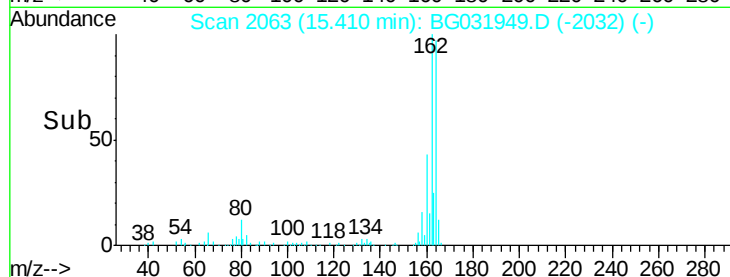
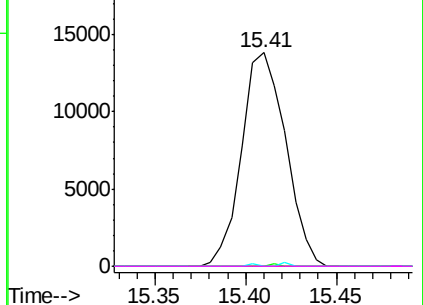


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.14 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BG031949.D

Acq: 9 Jan 2018 17:04

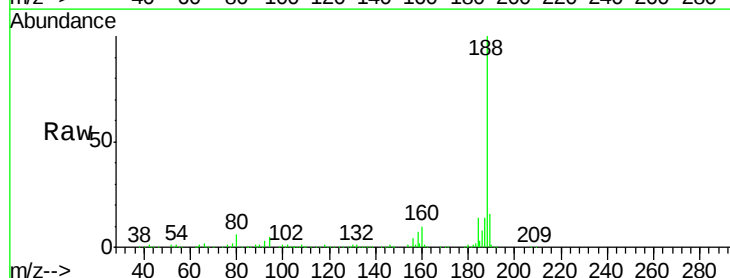
Tgt Ion:188 Resp: 466572

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

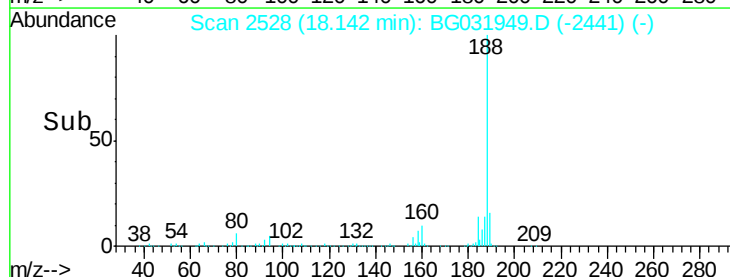
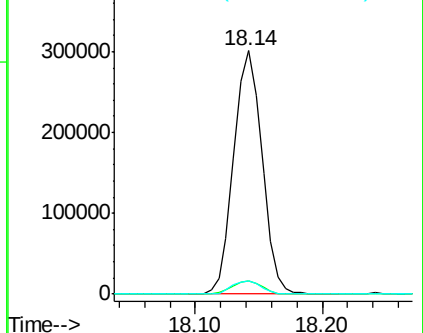
80 5.6 7.7 11.5#

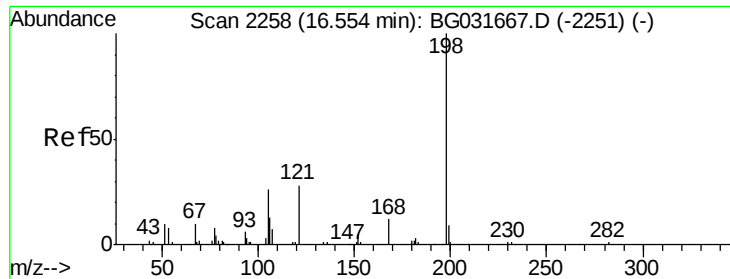


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

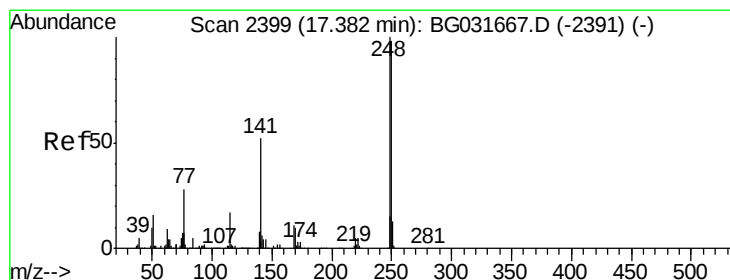
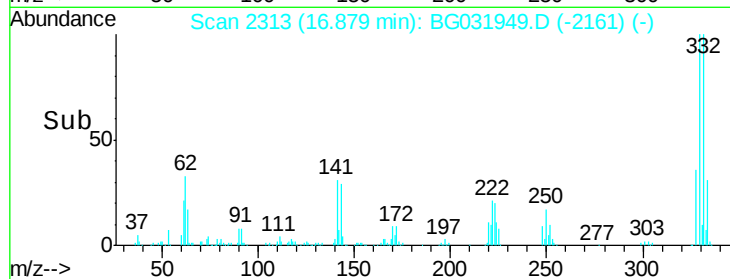
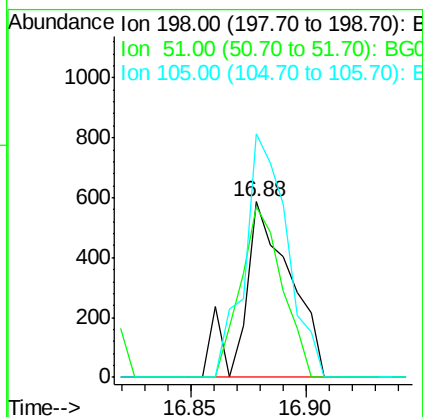
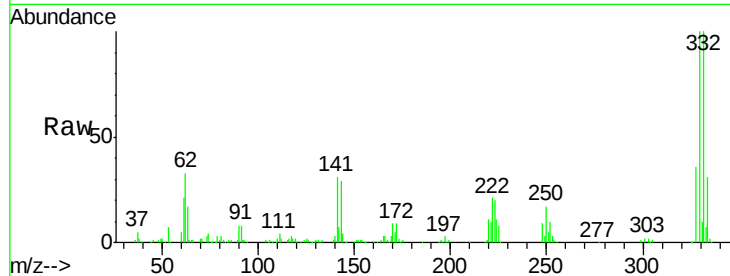




#64
4,6-Dinitro-2-methylphenol
Concen: 8.606 ng
RT: 16.88 min Scan# 2313
Delta R.T. 0.36 min
Lab File: BG031949.D
Acq: 9 Jan 2018 17:04

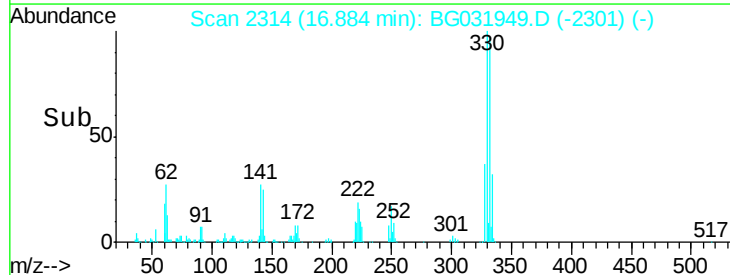
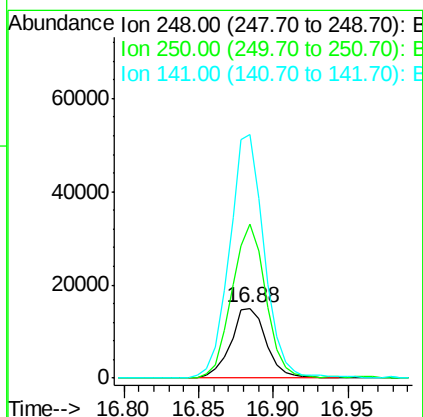
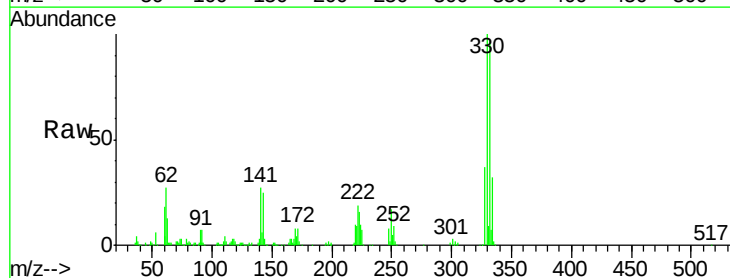
Instrument :
BNA_G
ClientSampleId :

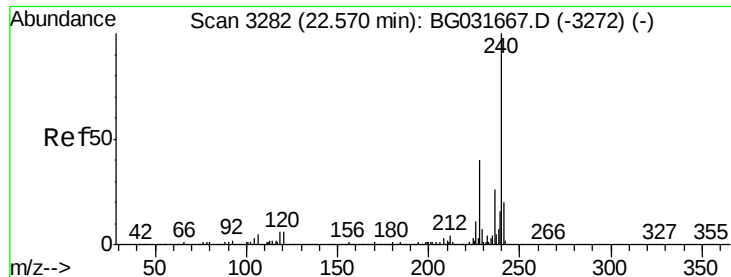
Tot Ion:198 Resp: 825
Ion Ratio Lower Upper
198 100
51 97.4 30.6 70.6#
105 139.0 23.8 63.8#



#66
4-Bromophenyl-phenylether
Concen: 3.660 ng
RT: 16.88 min Scan# 2314
Delta R.T. -0.45 min
Lab File: BG031949.D
Acq: 9 Jan 2018 17:04

Tgt Ion:248 Resp: 24693
Ion Ratio Lower Upper
248 100
250 221.6 77.1 115.7#
141 349.3 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.48 min Scan# 3267

Delta R.T. -0.04 min

Lab File: BG031949.D

Acq: 9 Jan 2018 17:04

Instrument :

BNA_G

ClientSampleId :

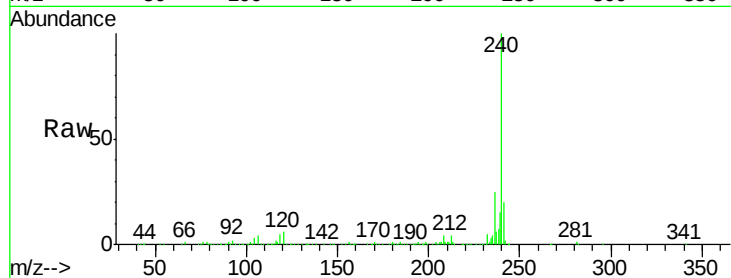
Tot Ion:240 Resp: 538358

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

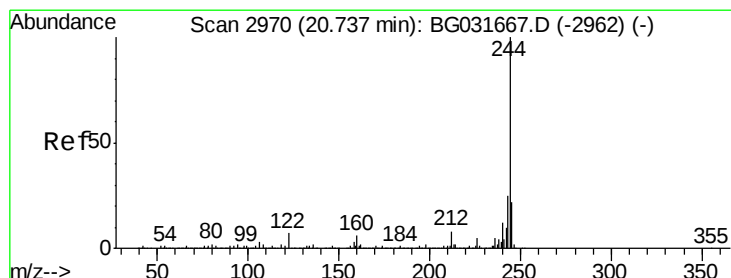
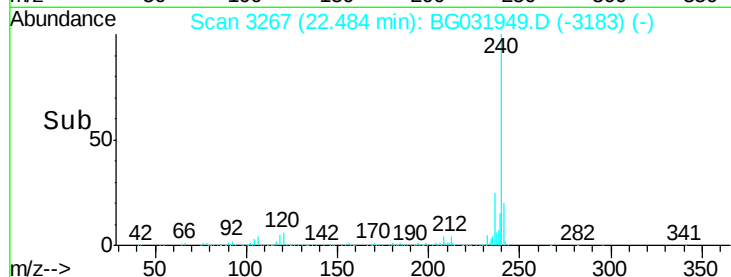
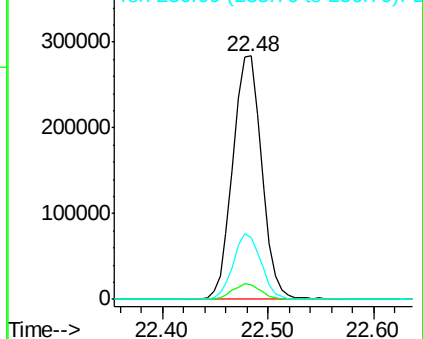
236 25.3 20.9 31.3



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: 73.647 ng

RT: 20.67 min Scan# 2959

Delta R.T. -0.02 min

Lab File: BG031949.D

Acq: 9 Jan 2018 17:04

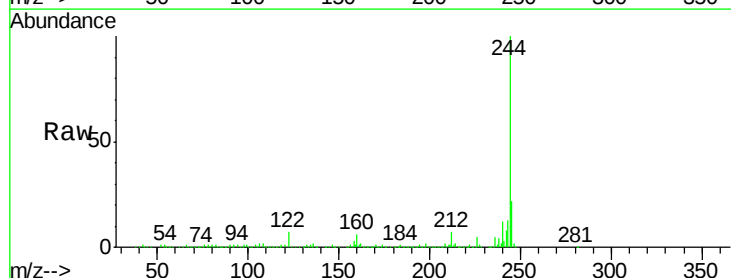
Tgt Ion:244 Resp: 1735423

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

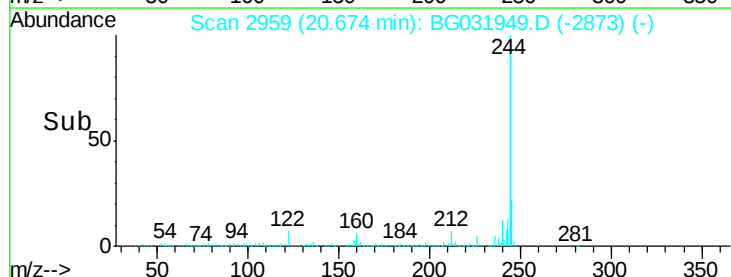
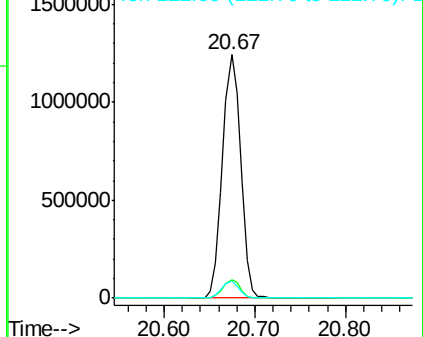
122 7.1 7.0 10.4

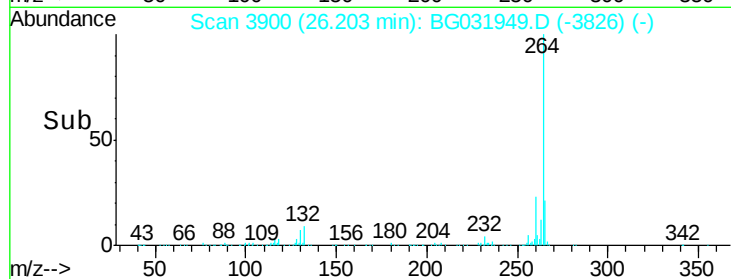
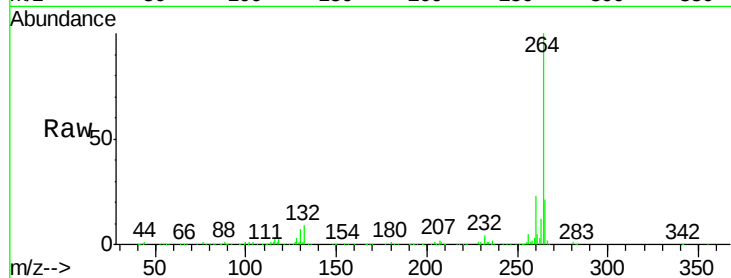
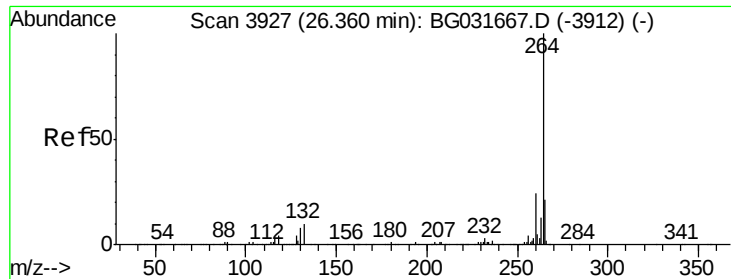


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.20 min Scan# 3900
 Delta R.T. -0.09 min
 Lab File: BG031949.D
 Acq: 9 Jan 2018 17:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	20.7	17.7	26.5

