

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010918\
 Data File : BG031956.D
 Acq On : 9 Jan 2018 21:26
 Operator : SJ/JU
 Sample : J1018-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 00:26:25 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

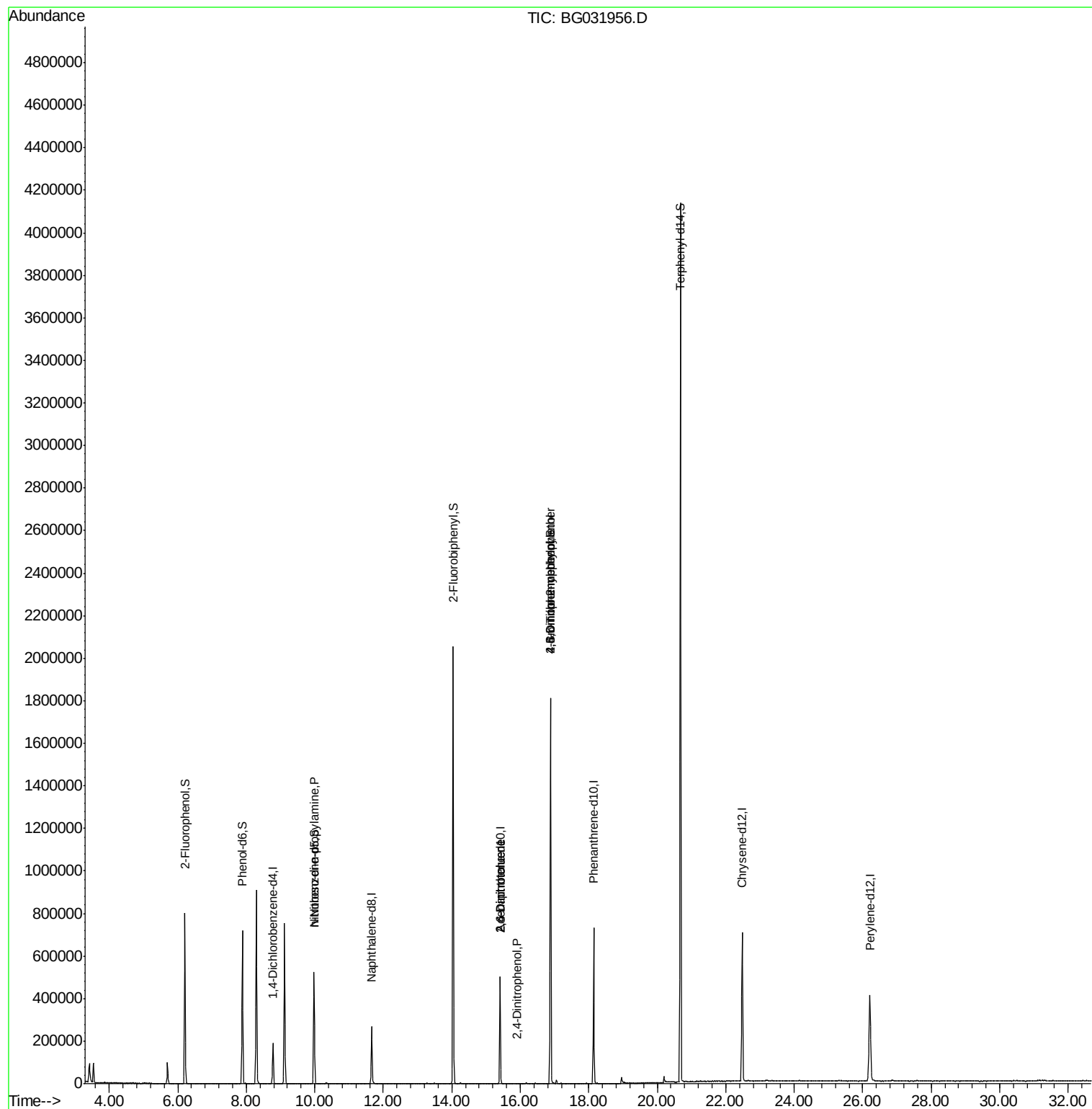
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	65973	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	275826	20.00	ng	-0.01
38) Acenaphthene-d10	15.41	164	189784	20.00	ng	-0.02
63) Phenanthrene-d10	18.14	188	498249	20.00	ng	-0.02
75) Chrysene-d12	22.48	240	560305	20.00	ng	-0.04
86) Perylene-d12	26.21	264	557995	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	427840	118.12	ng	0.00
7) Phenol-d6	7.89	99	507718	107.96	ng	0.00
23) Nitrobenzene-d5	9.98	82	346838	94.95	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	428356	147.92	ng	-0.02
44) 2-Fluorobiphenyl	14.04	172	1227364	81.17	ng	-0.01
78) Terphenyl-d14	20.67	244	2175625	88.71	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.97	70	47399	14.758	ng	# 72
50) 2,6-Dinitrotoluene	15.41	165	23682	7.700	ng	# 20
53) 2,4-Dinitrophenol	15.90	184	55	7.671	ng	# 1
56) 2,4-Dinitrotoluene	15.41	165	23682	5.988	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.88	198	1083	8.675	ng	# 55
66) 4-Bromophenyl-phenylether	16.88	248	34390	4.773	ng	# 1

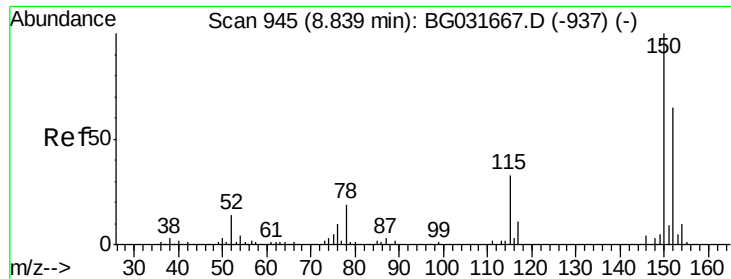
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010918\
Data File : BG031956.D
Acq On : 9 Jan 2018 21:26
Operator : SJ/JU
Sample : J1018-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 10 00:26:25 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



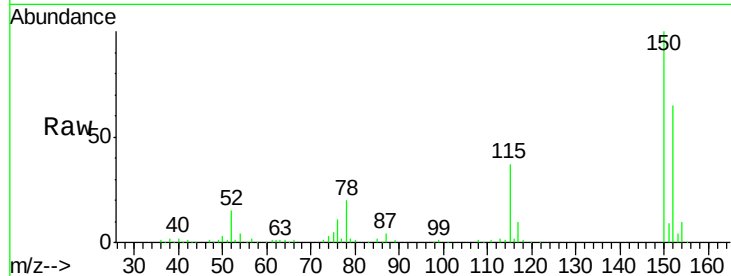


#1

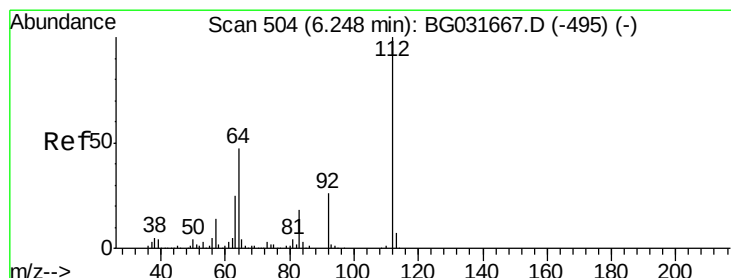
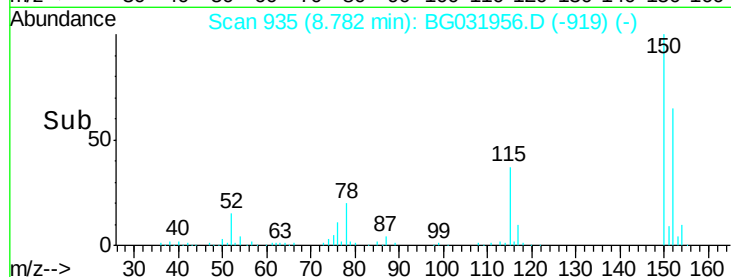
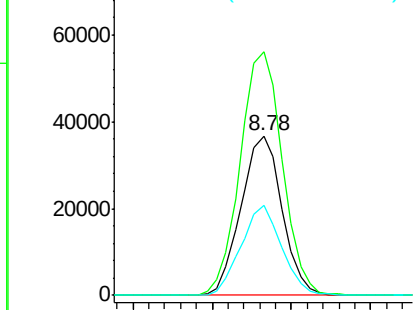
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031956.D
Acq: 9 Jan 2018 21:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 65973
Ion Ratio Lower Upper
152 100
150 153.0 126.6 189.8
115 56.3 53.0 79.4



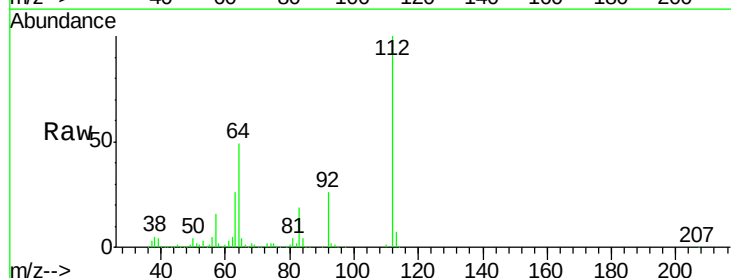
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



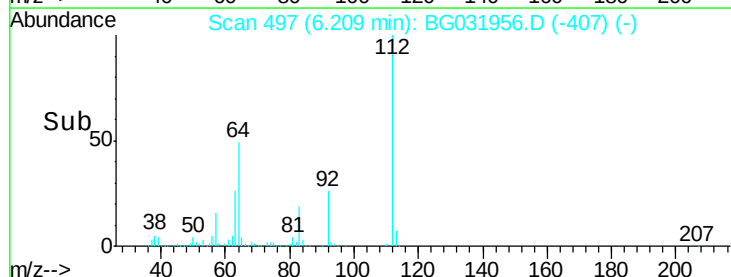
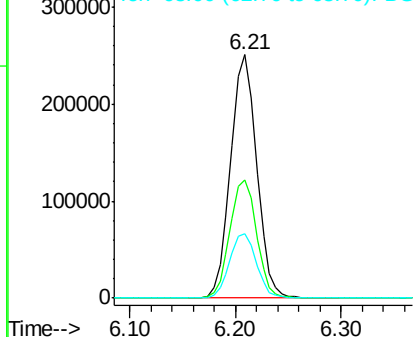
#5

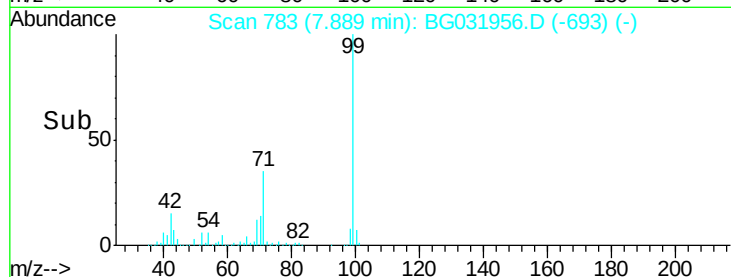
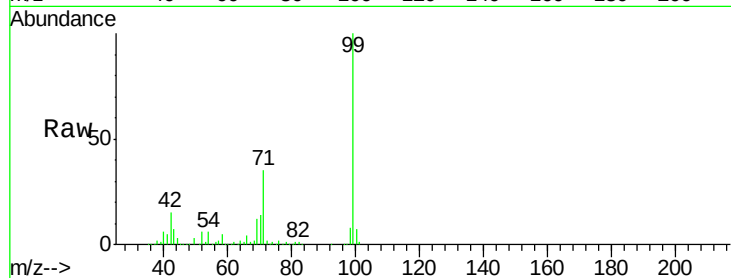
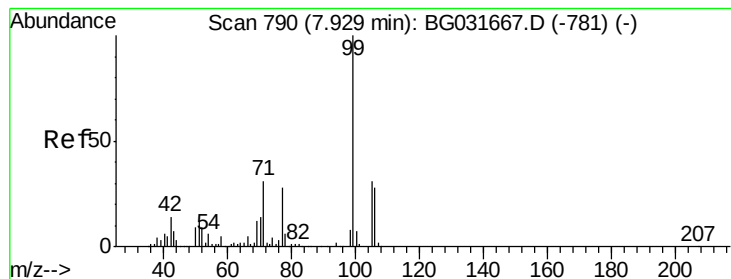
2-Fluorophenol
Concen: 118.118 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031956.D
Acq: 9 Jan 2018 21:26

Tgt Ion:112 Resp: 427840
Ion Ratio Lower Upper
112 100
64 48.8 56.3 84.5#
63 26.3 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 107.962 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031956.D

Acq: 9 Jan 2018 21:26

Instrument :

BNA_G

ClientSampleId :

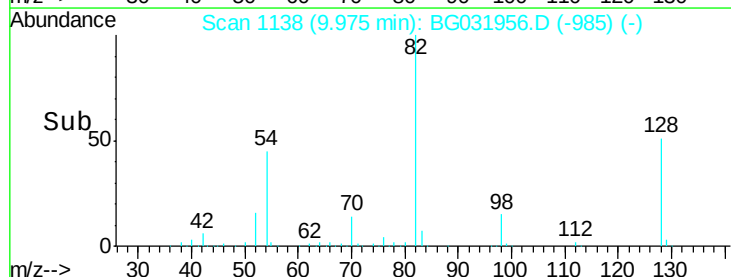
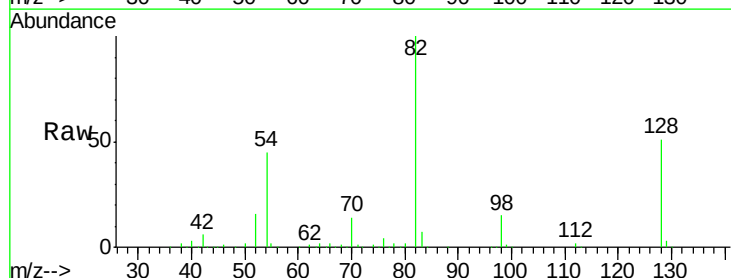
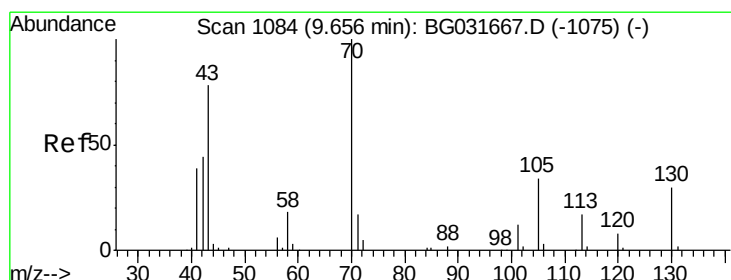
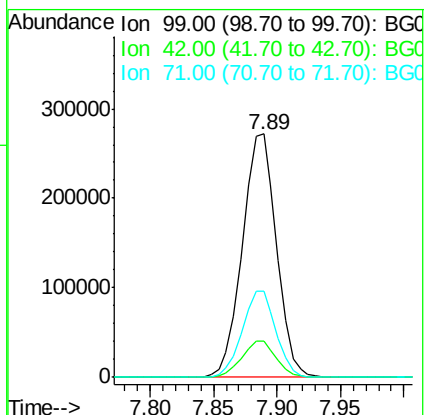
Tot Ion: 99 Resp: 507718

Ion Ratio Lower Upper

99 100

42 14.8 14.1 21.1

71 35.4 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 14.758 ng

RT: 9.97 min Scan# 1138

Delta R.T. 0.37 min

Lab File: BG031956.D

Acq: 9 Jan 2018 21:26

Tgt Ion: 70 Resp: 47399

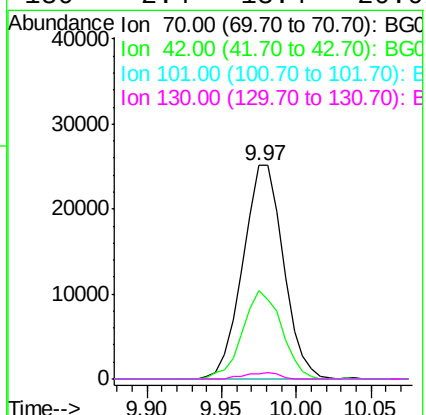
Ion Ratio Lower Upper

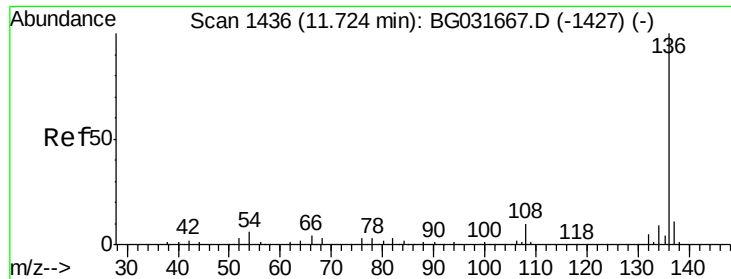
70 100

42 41.2 49.1 73.7#

101 0.0 8.5 12.7#

130 2.4 13.4 20.0#

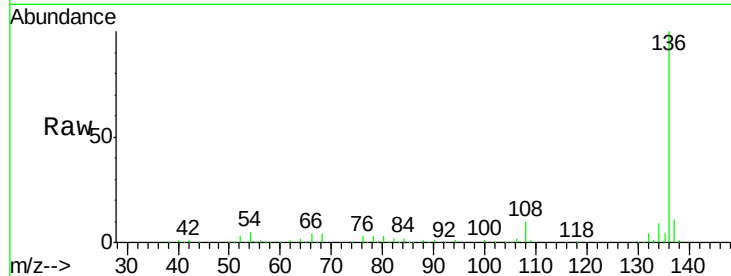




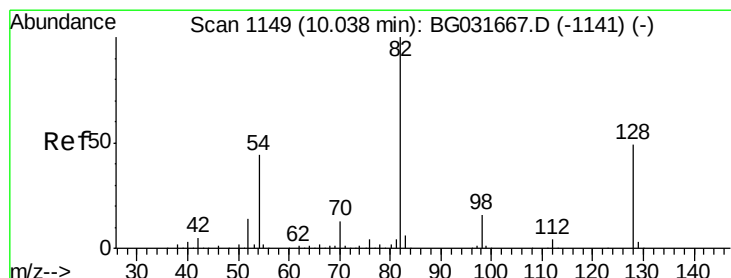
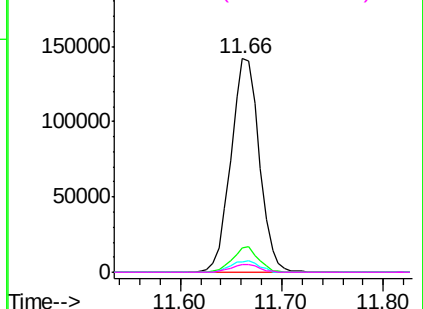
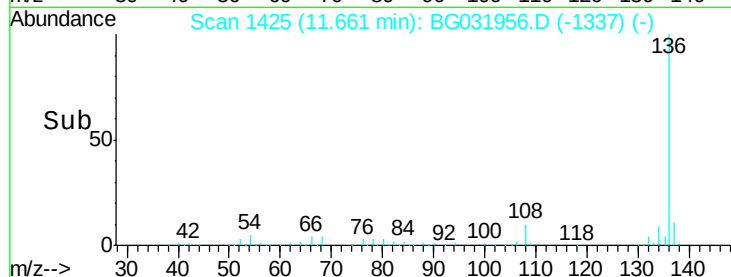
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.66 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BG031956.D
Acq: 9 Jan 2018 21:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136 Resp: 275826
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 5.0 10.3 15.5#
68 3.9 4.5 6.7#

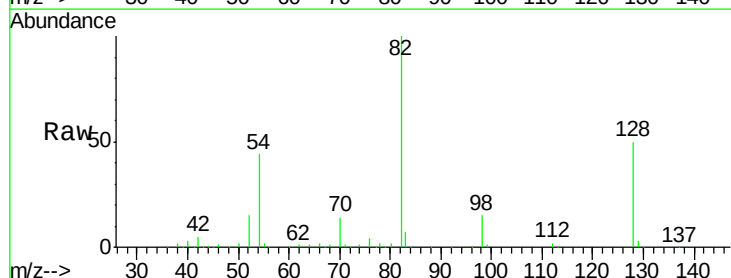


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

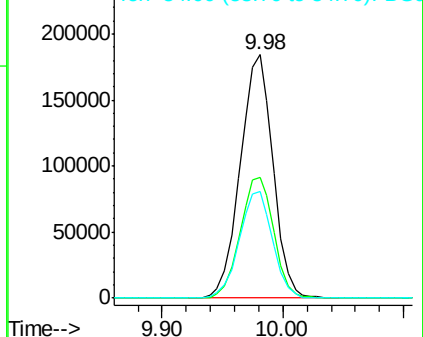
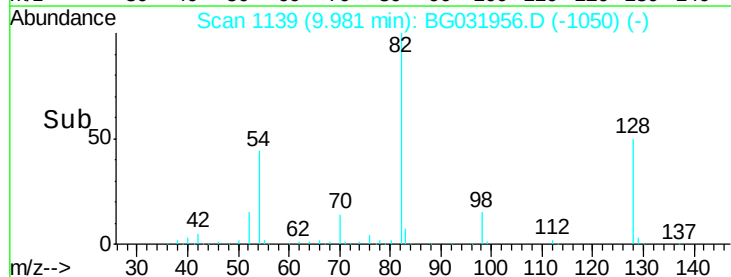


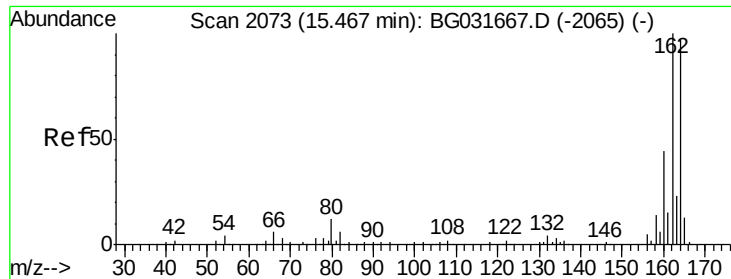
#23
Nitrobenzene-d5
Concen: 94.953 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG031956.D
Acq: 9 Jan 2018 21:26

Tgt Ion: 82 Resp: 346838
Ion Ratio Lower Upper
82 100
128 49.6 29.7 44.5#
54 44.0 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
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: BG031956.D

Acq: 9 Jan 2018 21:26

Instrument :

BNA_G

ClientSampleId :

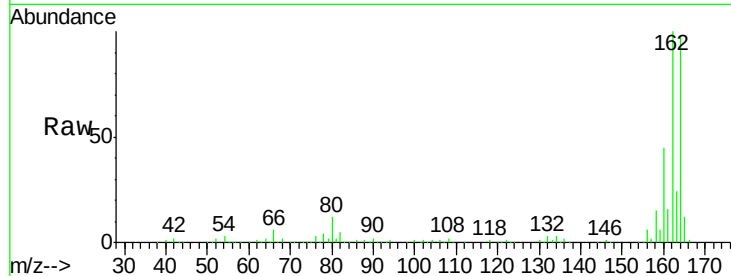
Tot Ion:164 Resp: 189784

Ion Ratio Lower Upper

164 100

162 102.5 78.8 118.2

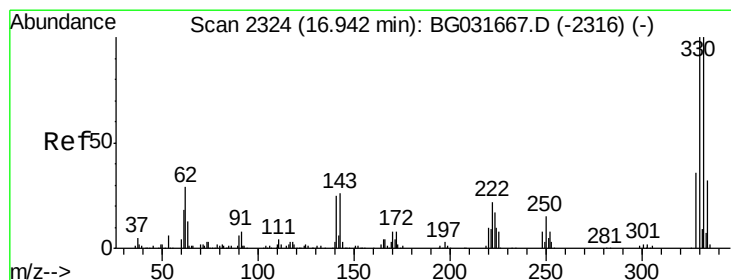
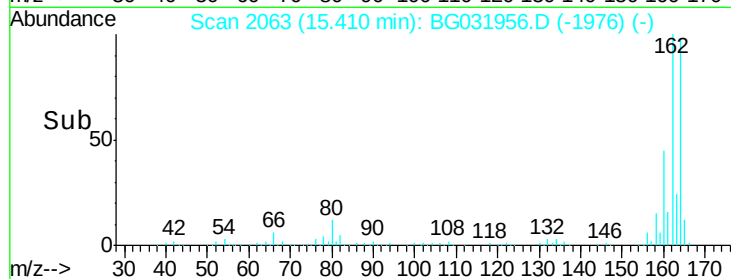
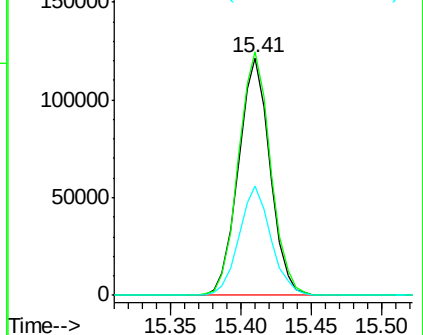
160 46.2 35.4 53.0



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: 147.921 ng

RT: 16.88 min Scan# 2314

Delta R.T. -0.02 min

Lab File: BG031956.D

Acq: 9 Jan 2018 21:26

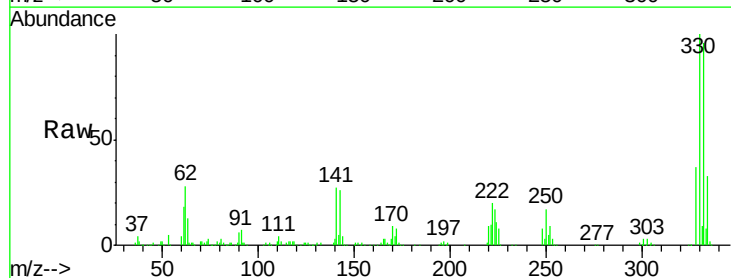
Tgt Ion:330 Resp: 428356

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

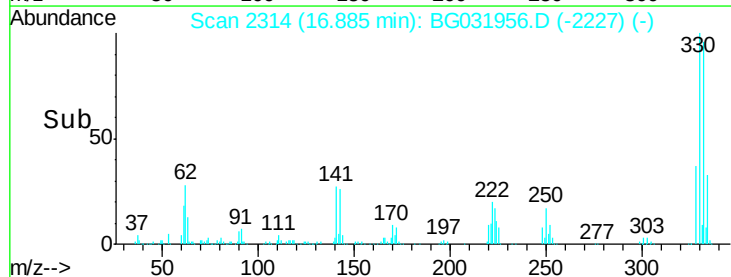
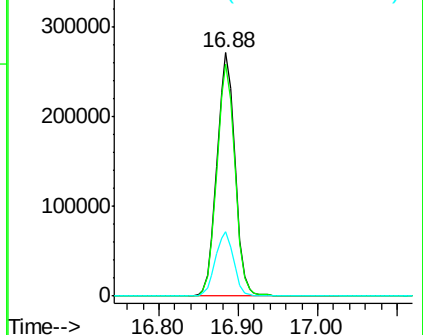
141 26.7 25.2 37.8

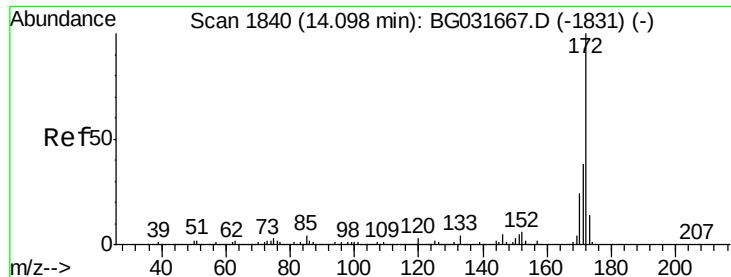


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



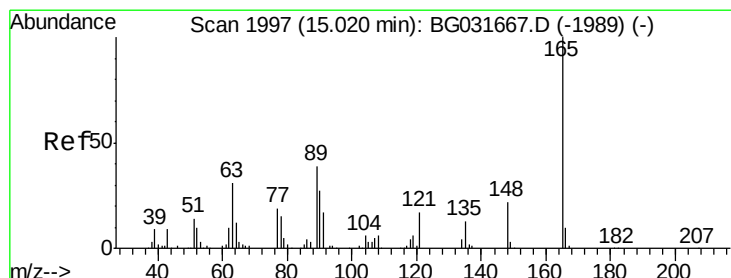
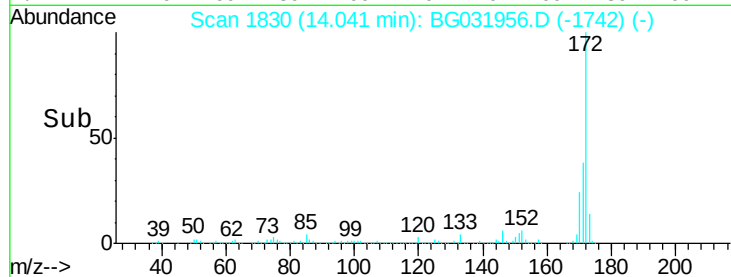
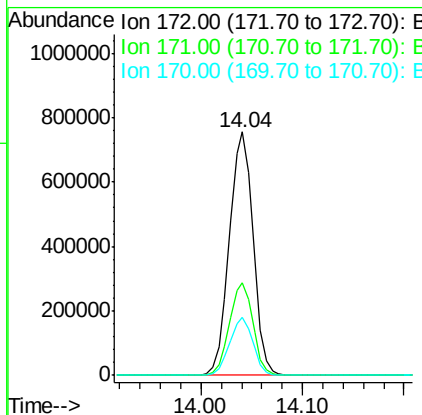
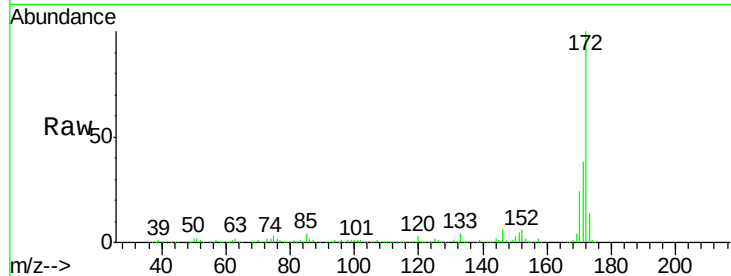


#44
 2-Fluorobiphenyl
 Concen: 81.172 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG031956.D
 Acq: 9 Jan 2018 21:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1227364

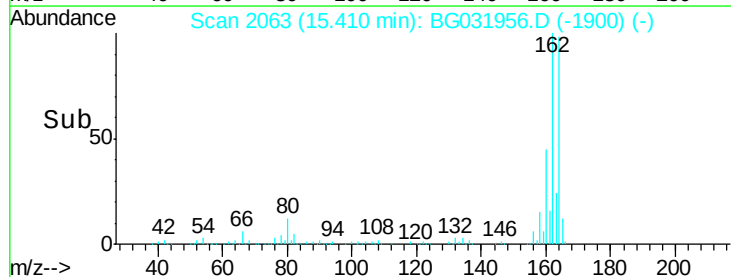
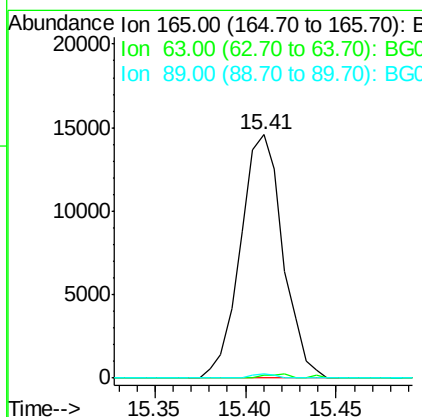
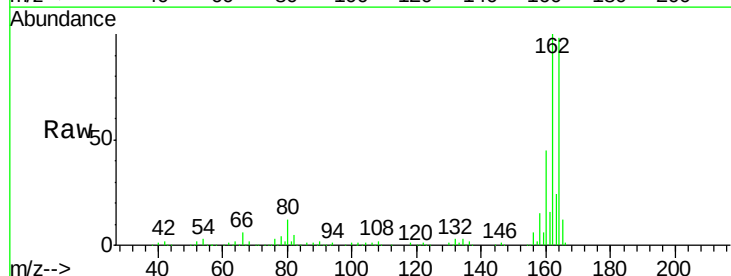
Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.1	19.5	29.3

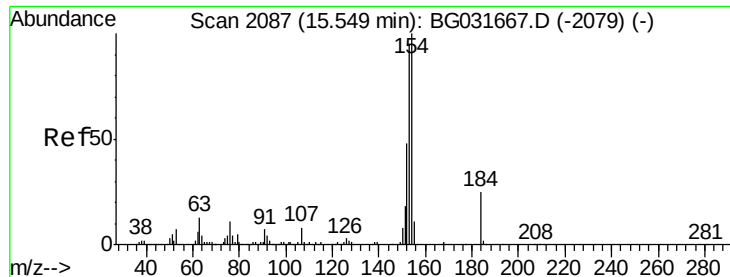


#50
 2,6-Dinitrotoluene
 Concen: 7.700 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. 0.43 min
 Lab File: BG031956.D
 Acq: 9 Jan 2018 21:26

Tgt Ion:165 Resp: 23682

Ion	Ratio	Lower	Upper
165	100		
63	1.2	52.7	79.1#
89	1.8	49.2	73.8#

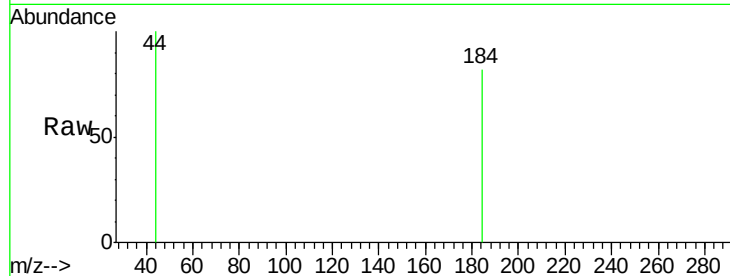




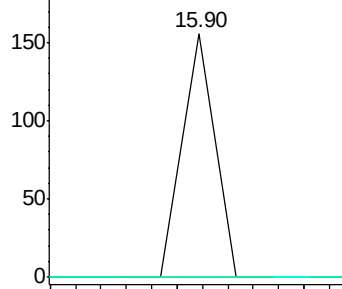
#53
2,4-Dinitrophenol
Concen: 7.671 ng
RT: 15.90 min Scan# 2147
Delta R.T. 0.39 min
Lab File: BG031956.D
Acq: 9 Jan 2018 21:26

Instrument :
BNA_G
ClientSampleId :

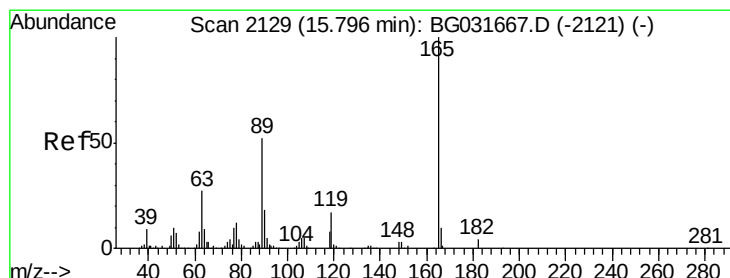
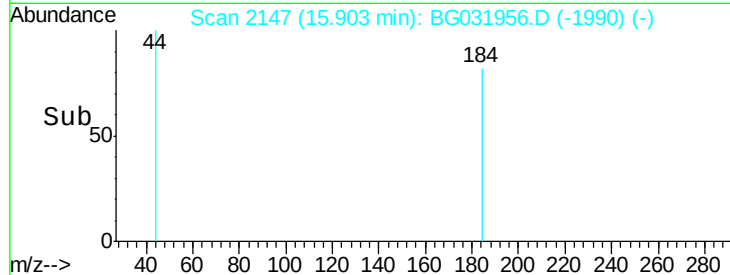
Tot Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

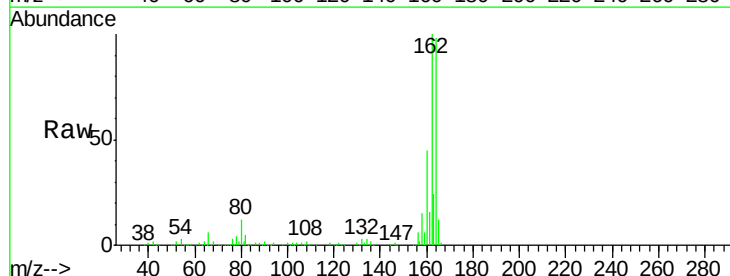


Time--> 15.88 15.90 15.92

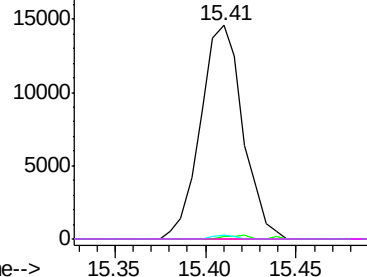


#56
2,4-Dinitrotoluene
Concen: 5.988 ng
RT: 15.41 min Scan# 2063
Delta R.T. -0.35 min
Lab File: BG031956.D
Acq: 9 Jan 2018 21:26

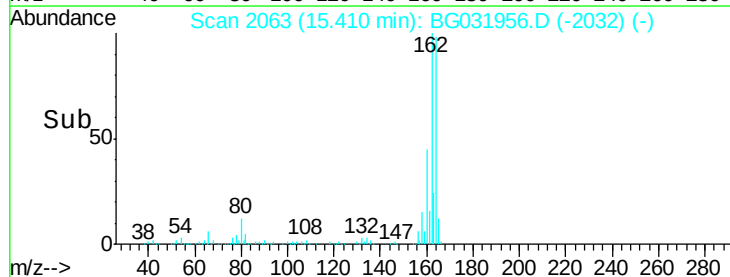
Tgt Ion:165 Resp: 23682
Ion Ratio Lower Upper
165 100
63 1.2 42.0 63.0#
89 1.8 66.9 100.3#
182 0.0 2.6 3.8#

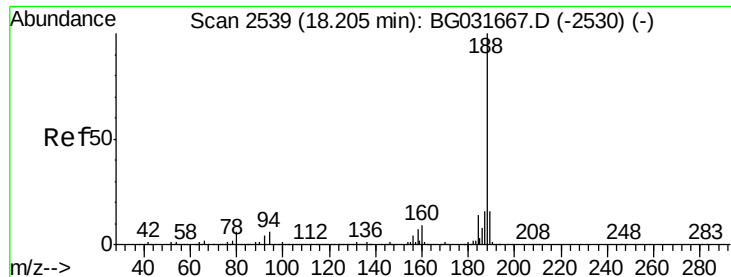


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E



Time--> 15.35 15.40 15.45

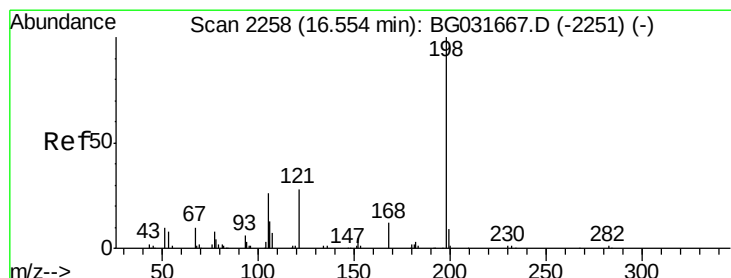
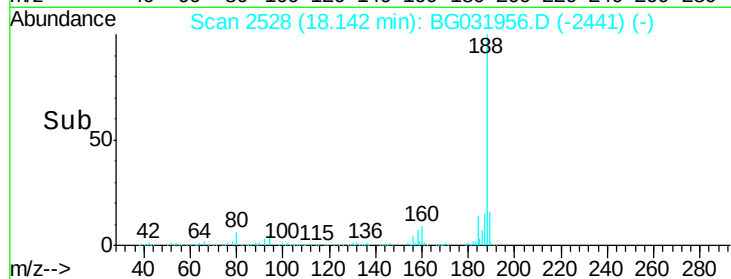
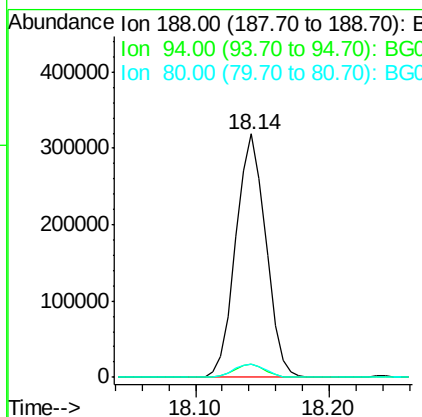
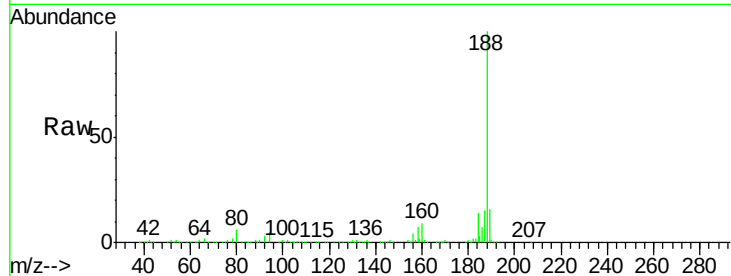




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BG031956.D
Acq: 9 Jan 2018 21:26

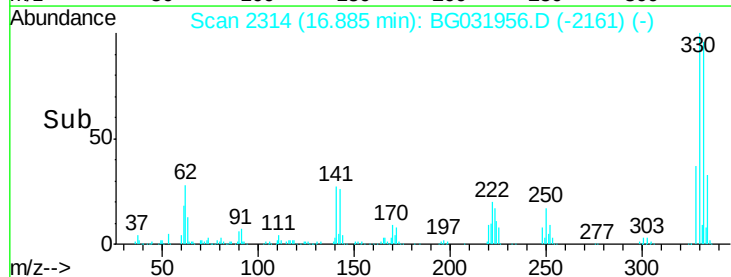
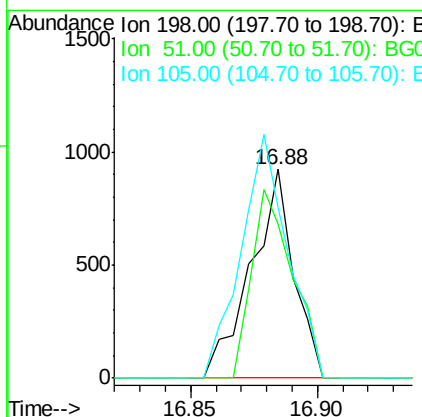
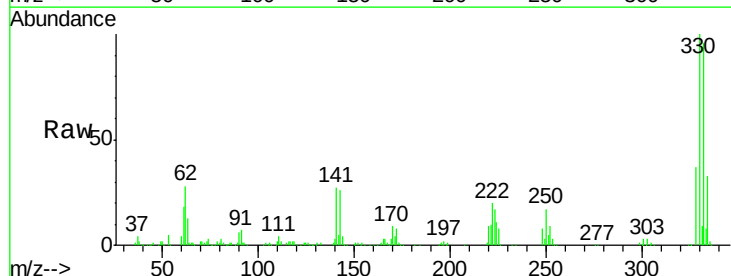
Instrument :
BNA_G
ClientSampleId :

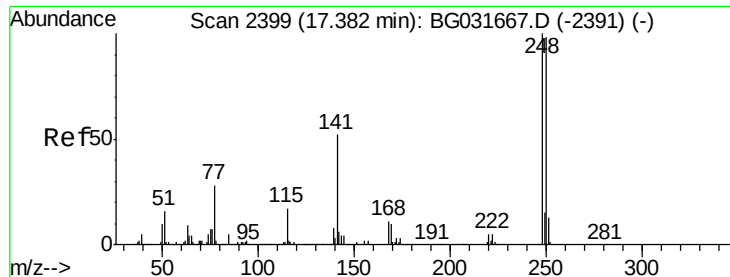
Tot Ion:188 Resp: 498249
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 5.7 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.675 ng
RT: 16.88 min Scan# 2314
Delta R.T. 0.37 min
Lab File: BG031956.D
Acq: 9 Jan 2018 21:26

Tgt Ion:198 Resp: 1083
Ion Ratio Lower Upper
198 100
51 73.7 30.6 70.6#
105 81.6 23.8 63.8#

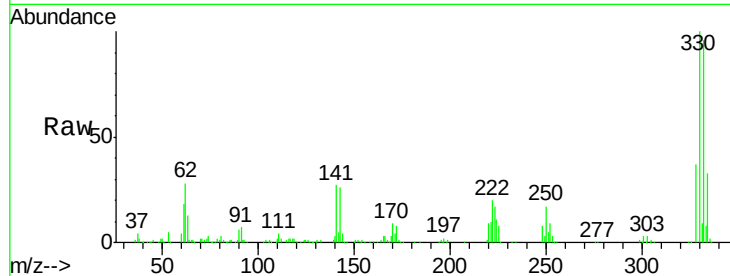




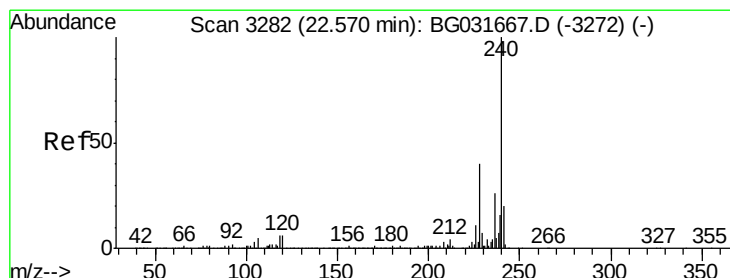
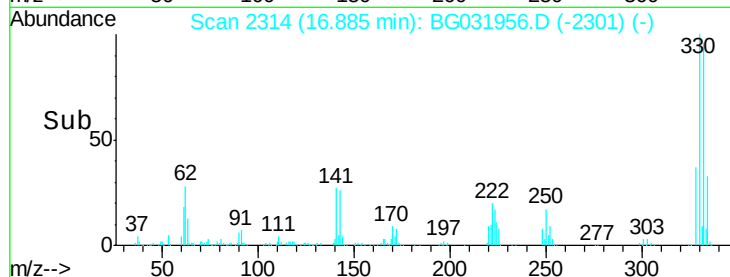
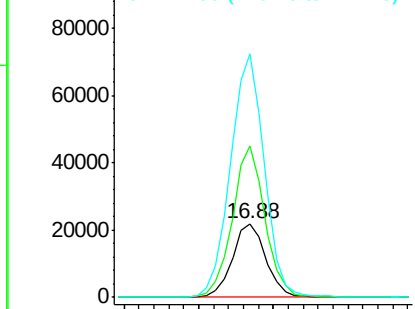
#66
4-Bromophenyl-phenylether
Concen: 4.773 ng
RT: 16.88 min Scan# 2314
Delta R.T. -0.45 min
Lab File: BG031956.D
Acq: 9 Jan 2018 21:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 34390
Ion Ratio Lower Upper
248 100
250 204.6 77.1 115.7#
141 330.3 50.8 76.2#

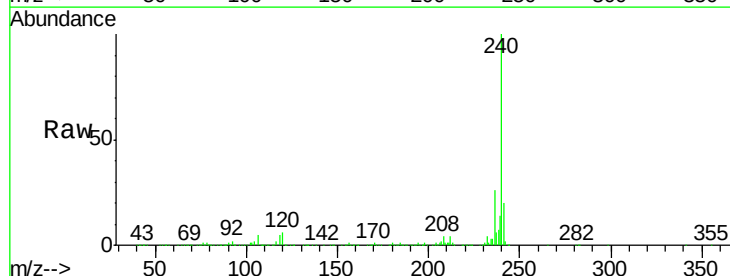


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

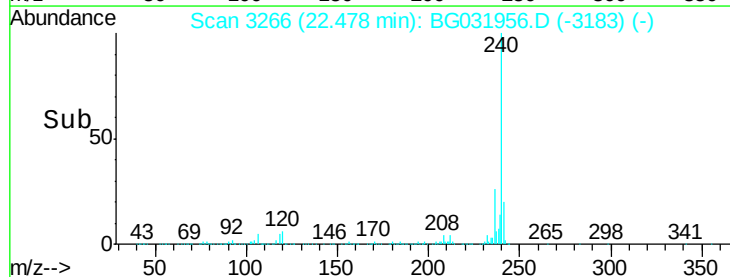
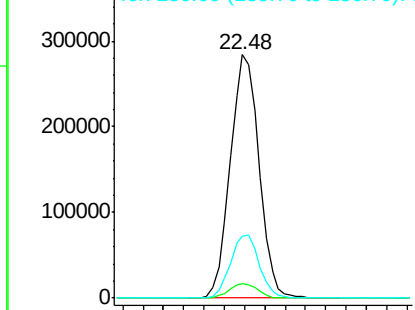


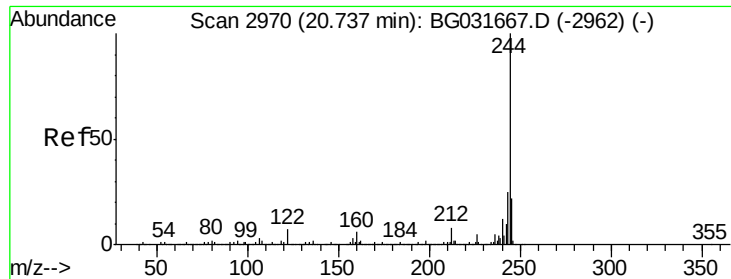
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.48 min Scan# 3266
Delta R.T. -0.04 min
Lab File: BG031956.D
Acq: 9 Jan 2018 21:26

Tgt Ion:240 Resp: 560305
Ion Ratio Lower Upper
240 100
120 6.1 6.8 10.2#
236 25.6 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: 88.711 ng

RT: 20.67 min Scan# 2959

Delta R.T. -0.02 min

Lab File: BG031956.D

Acq: 9 Jan 2018 21:26

Instrument :

BNA_G

ClientSampleId :

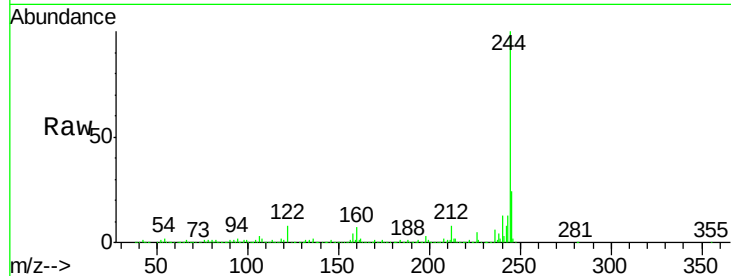
Tot Ion:244 Resp: 2175625

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

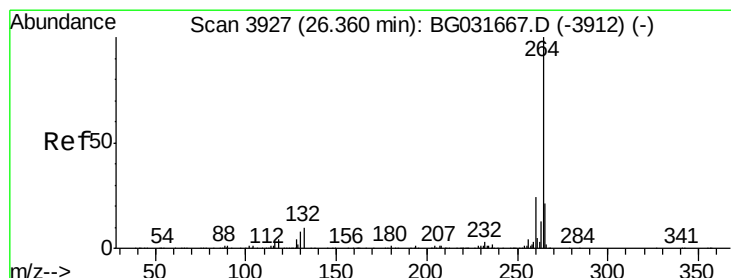
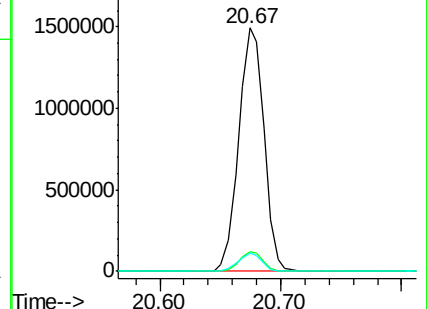
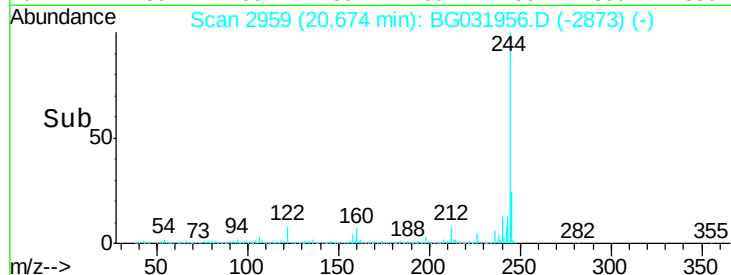
122 7.5 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.21 min Scan# 3901

Delta R.T. -0.09 min

Lab File: BG031956.D

Acq: 9 Jan 2018 21:26

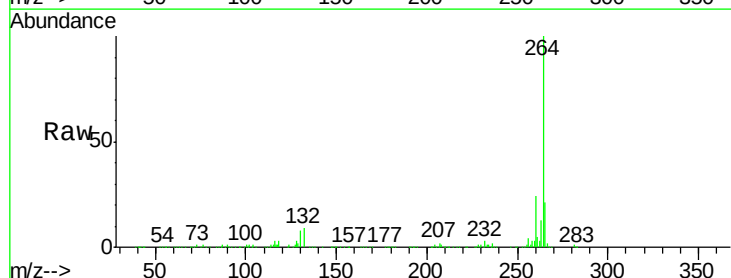
Tgt Ion:264 Resp: 557995

Ion Ratio Lower Upper

264 100

260 24.2 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

