

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034984.D
 Acq On : 8 Jun 2018 14:15
 Operator : SJ/JU
 Sample : J3323-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 08 15:34:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

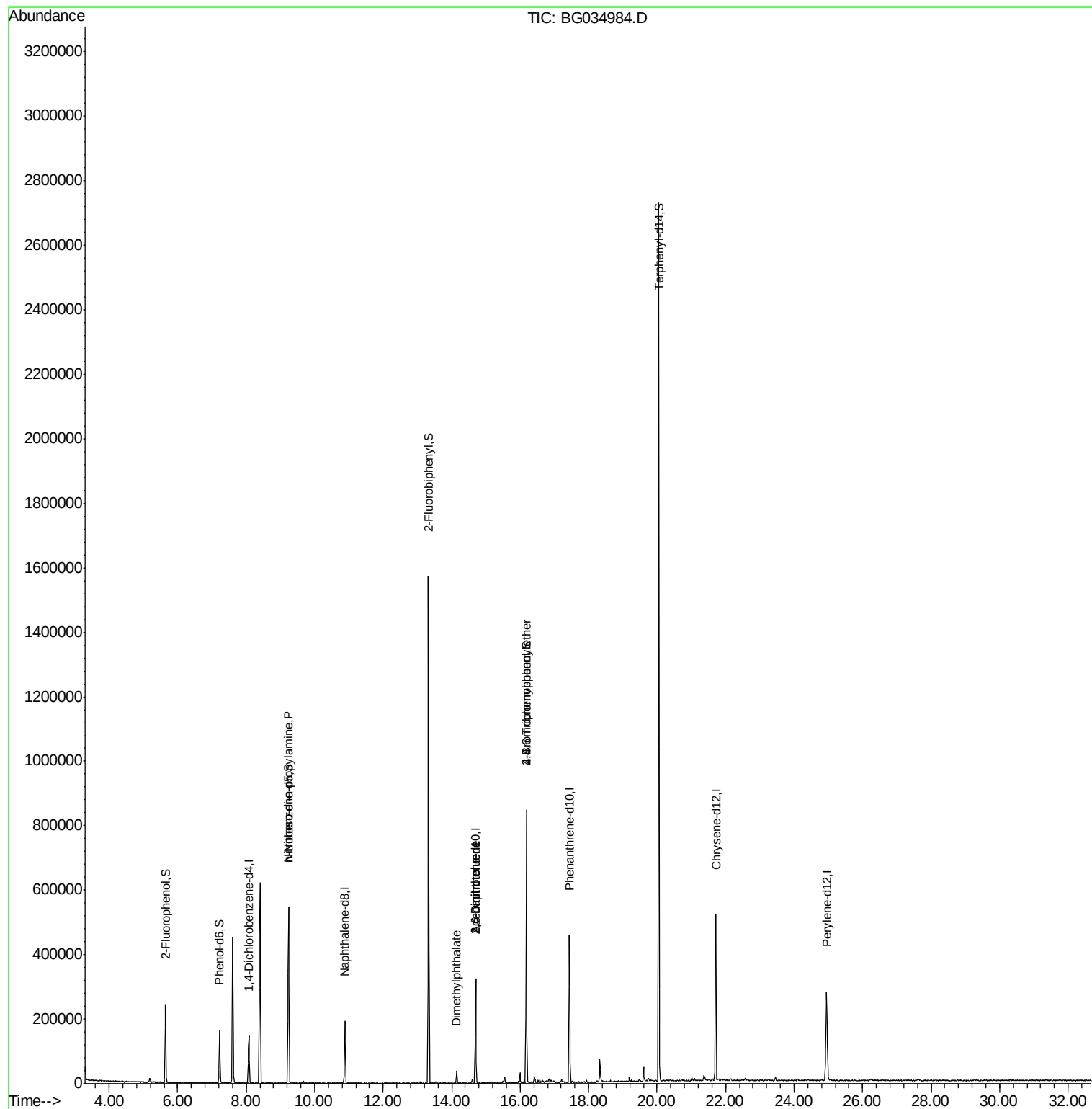
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	40700	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	154519	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	107130	20.00	ng	-0.01
63) Phenanthrene-d10	17.44	188	284280	20.00	ng	0.00
75) Chrysene-d12	21.71	240	313875	20.00	ng	-0.01
86) Perylene-d12	24.94	264	305475	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	100455	41.65	ng	0.00
7) Phenol-d6	7.22	99	91495	25.70	ng	-0.01
23) Nitrobenzene-d5	9.24	82	349407	107.49	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	147685	107.69	ng	-0.01
44) 2-Fluorobiphenyl	13.32	172	809941	98.28	ng	-0.01
78) Terphenyl-d14	20.05	244	1254643	83.73	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	49109	16.239	ng	Qvalue # 68
49) Dimethylphthalate	14.15	163	23928	2.561	ng	98
50) 2,6-Dinitrotoluene	14.70	165	15140	8.883	ng	# 23
56) 2,4-Dinitrotoluene	14.70	165	15140	6.687	ng	# 21
66) 4-Bromophenyl-phenylether	16.18	248	12002	3.506	ng	# 1

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

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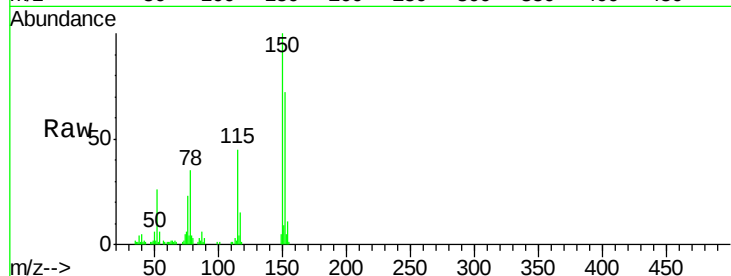


#1

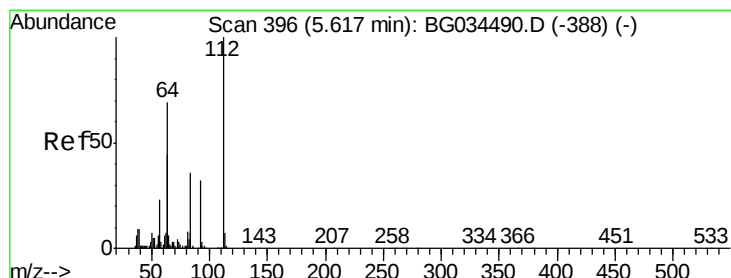
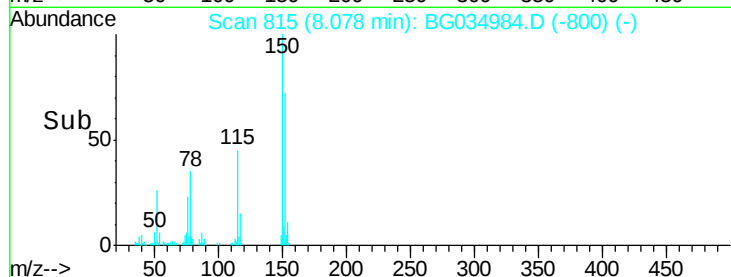
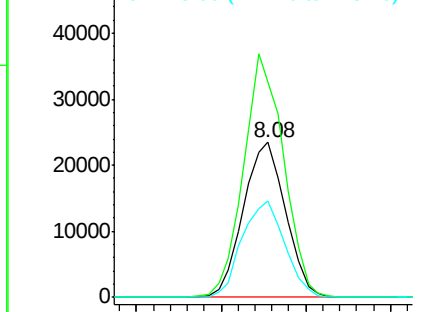
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG034984.D
Acq: 8 Jun 2018 14:15

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 40700
Ion Ratio Lower Upper
152 100
150 139.3 126.6 189.8
115 62.3 53.0 79.4



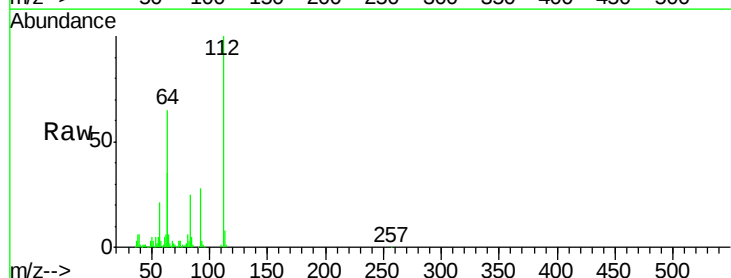
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



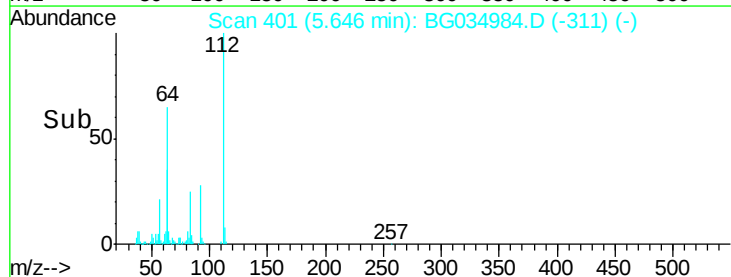
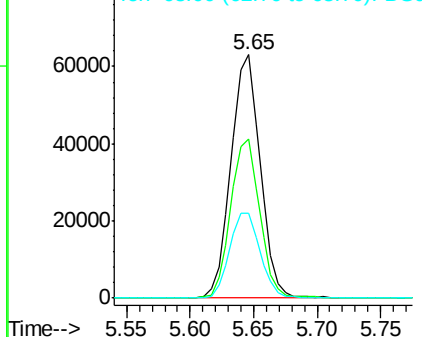
#5

2-Fluorophenol
Concen: 41.653 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG034984.D
Acq: 8 Jun 2018 14:15

Tgt Ion:112 Resp: 100455
Ion Ratio Lower Upper
112 100
64 65.3 56.3 84.5
63 34.7 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: 25.704 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG034984.D

Acq: 8 Jun 2018 14:15

Instrument :

BNA_G

ClientSampleId :

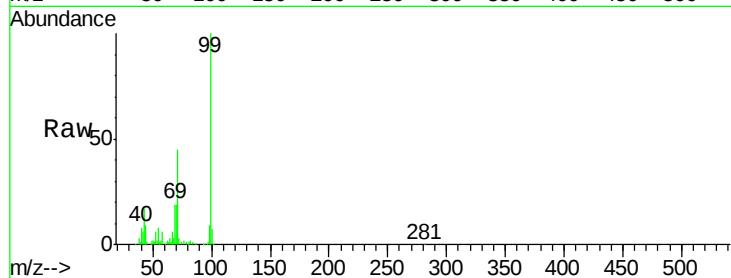
Tot Ion: 99 Resp: 91495

Ion Ratio Lower Upper

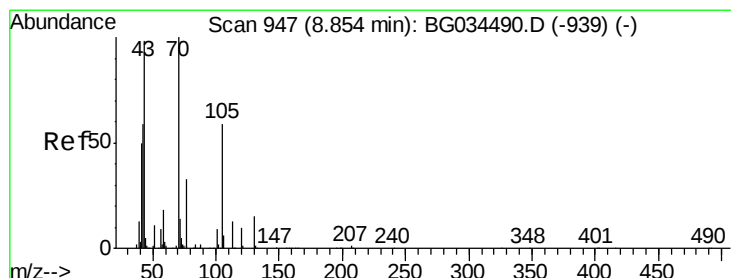
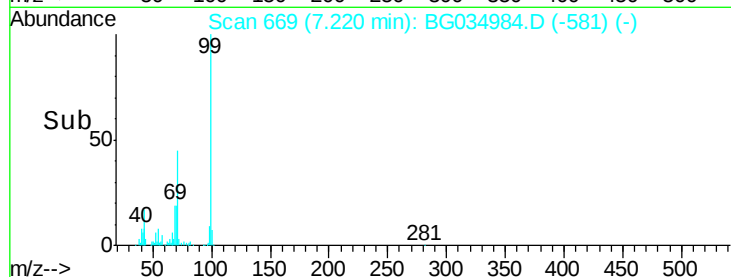
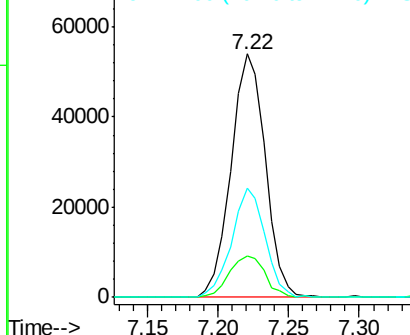
99 100

42 17.0 14.1 21.1

71 44.9 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: 16.239 ng

RT: 9.24 min Scan# 1012

Delta R.T. 0.34 min

Lab File: BG034984.D

Acq: 8 Jun 2018 14:15

Tgt Ion: 70 Resp: 49109

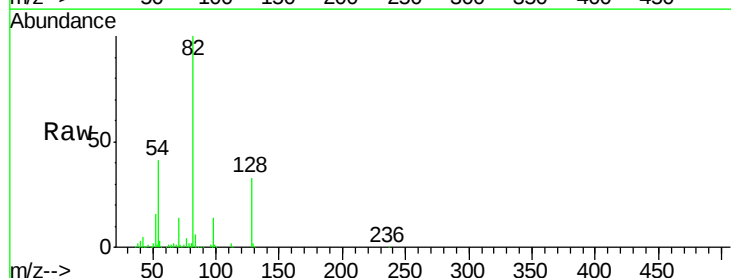
Ion Ratio Lower Upper

70 100

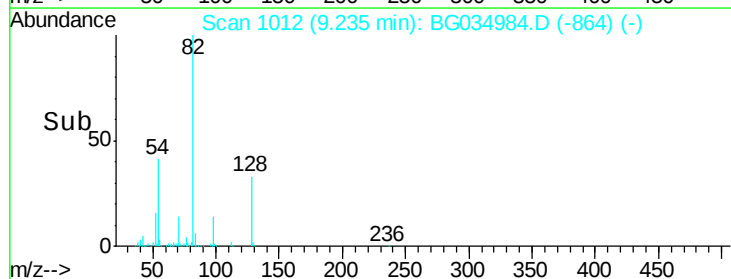
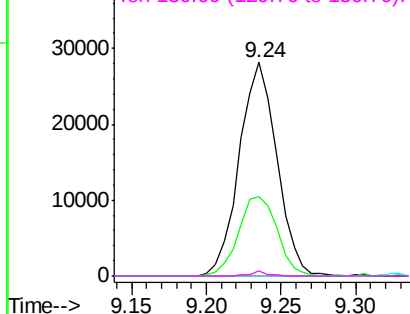
42 37.2 49.1 73.7#

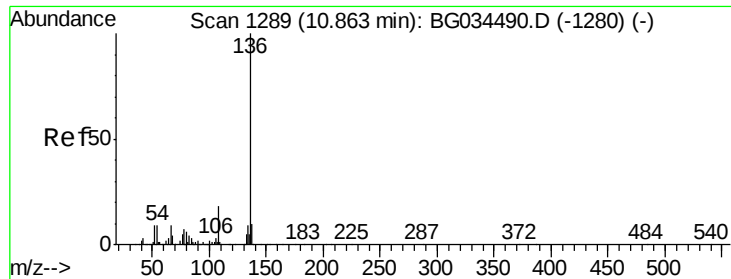
101 0.0 8.5 12.7#

130 2.1 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

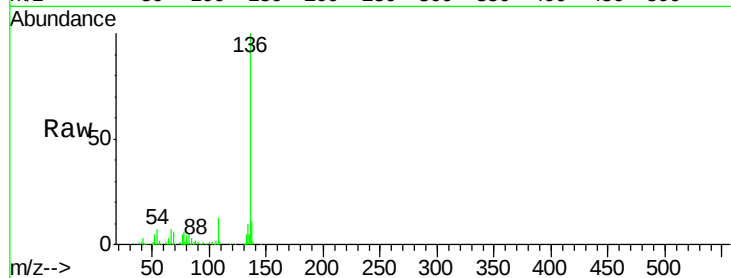




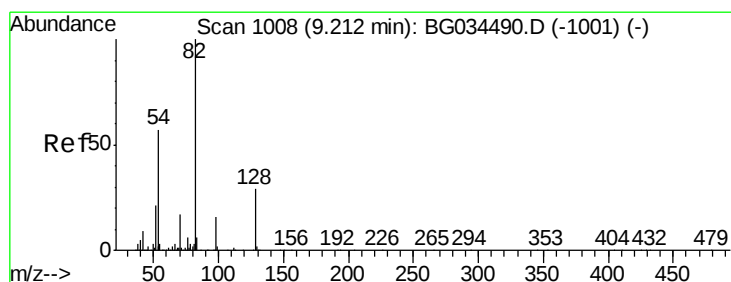
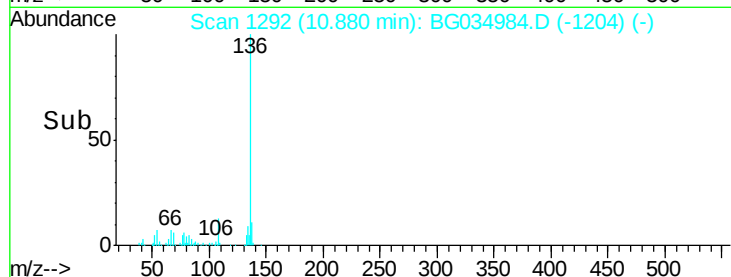
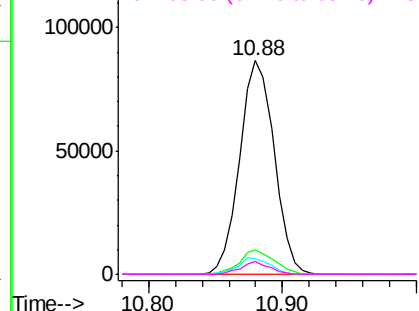
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BG034984.D
Acq: 8 Jun 2018 14:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	154519
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.2 13.8
54	7.3	10.3 15.5#
68	6.2	4.5 6.7

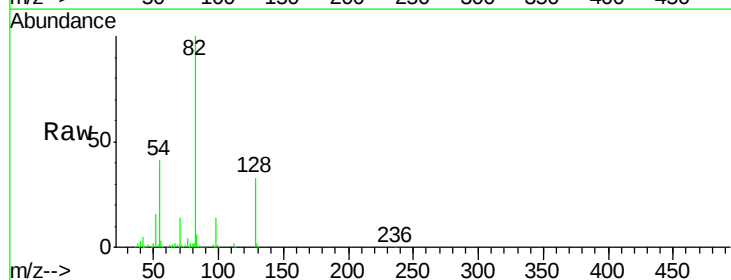


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

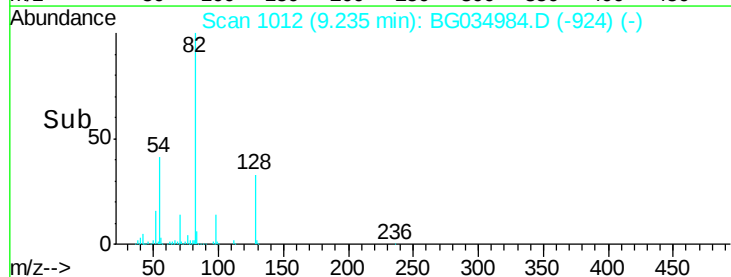
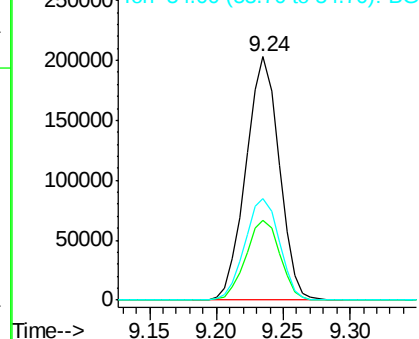


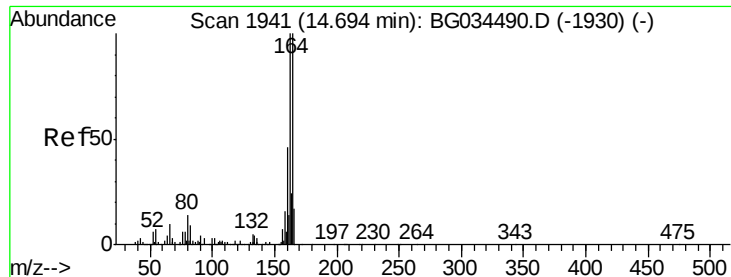
#23
Nitrobenzene-d5
Concen: 107.487 ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG034984.D
Acq: 8 Jun 2018 14:15

Tgt Ion: 82	Resp:	349407
Ion Ratio	Lower	Upper
82	100	
128	32.7	29.7 44.5
54	41.5	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: 14.69 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG034984.D

Acq: 8 Jun 2018 14:15

Instrument :

BNA_G

ClientSampleId :

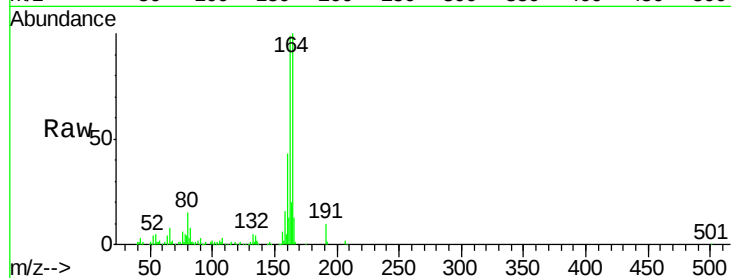
Tot Ion:164 Resp: 107130

Ion Ratio Lower Upper

164 100

162 99.4 78.8 118.2

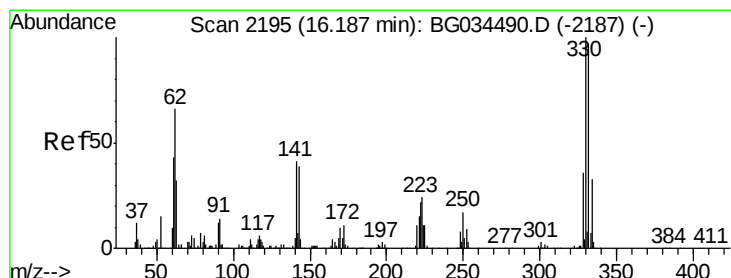
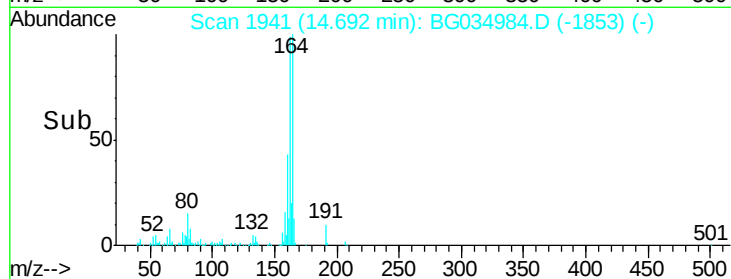
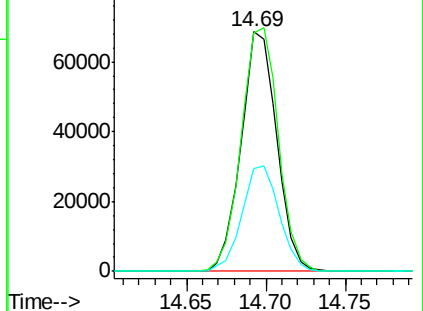
160 42.8 35.4 53.0



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: 107.689 ng

RT: 16.18 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BG034984.D

Acq: 8 Jun 2018 14:15

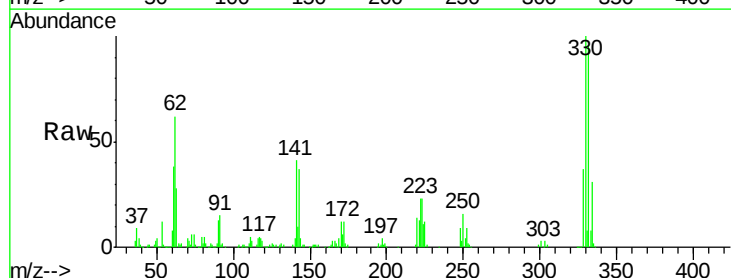
Tgt Ion:330 Resp: 147685

Ion Ratio Lower Upper

330 100

332 93.8 77.0 115.6

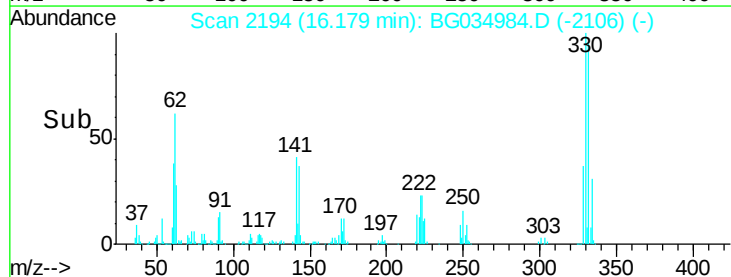
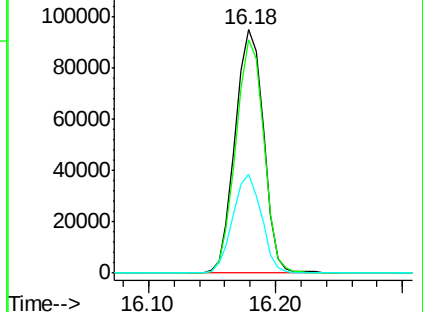
141 40.7 25.2 37.8#

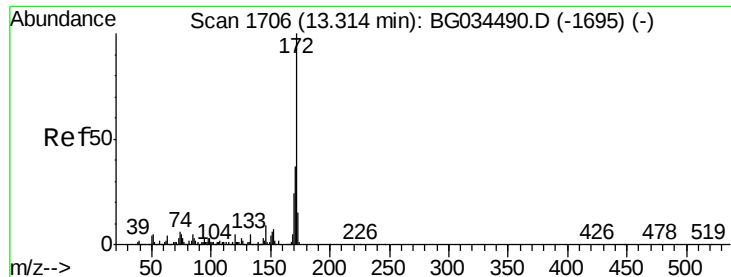


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

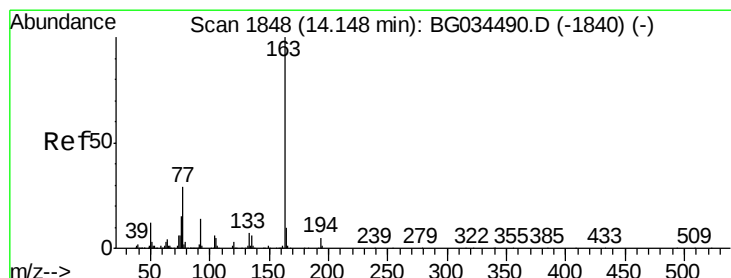
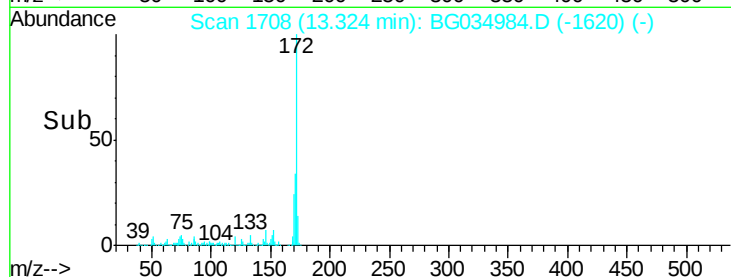
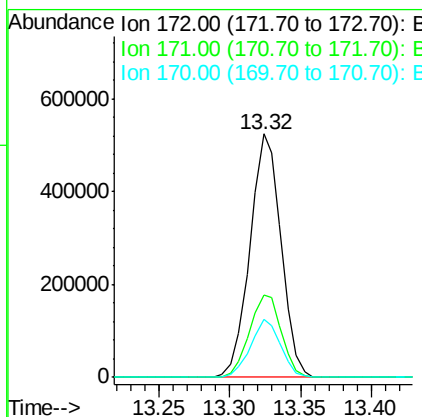
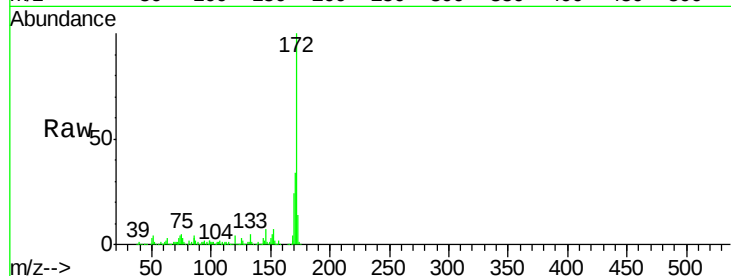




#44
2-Fluorobiphenyl
Concen: 98.284 ng
RT: 13.32 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG034984.D
Acq: 8 Jun 2018 14:15

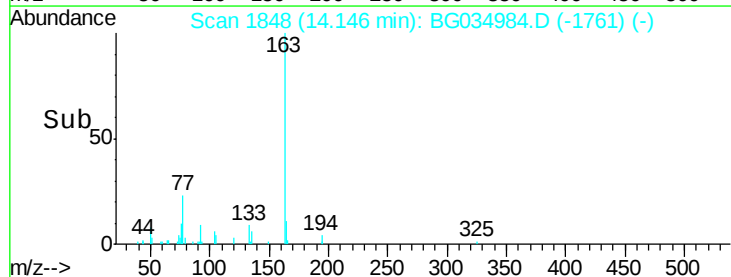
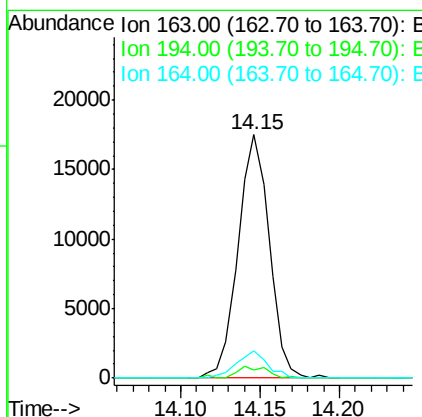
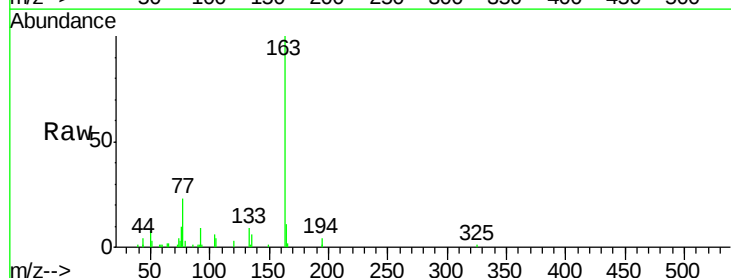
Instrument :
BNA_G
ClientSampleId :

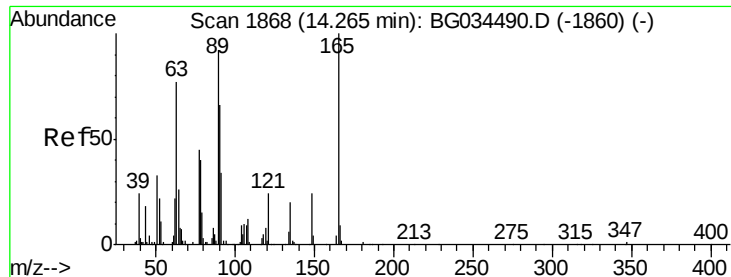
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.1	30.0	45.0
170	23.9	19.5	29.3



#49
Dimethylphthalate
Concen: 2.561 ng
RT: 14.15 min Scan# 1848
Delta R.T. -0.02 min
Lab File: BG034984.D
Acq: 8 Jun 2018 14:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.4	5.2
164	11.2	8.2	12.4

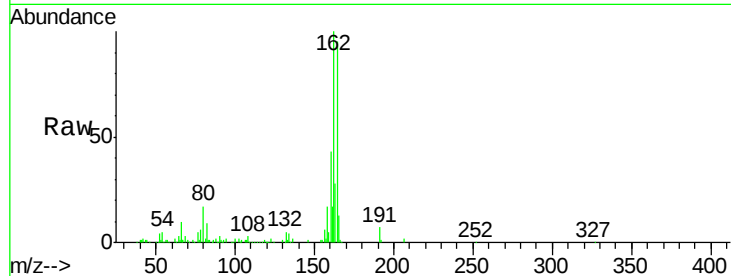




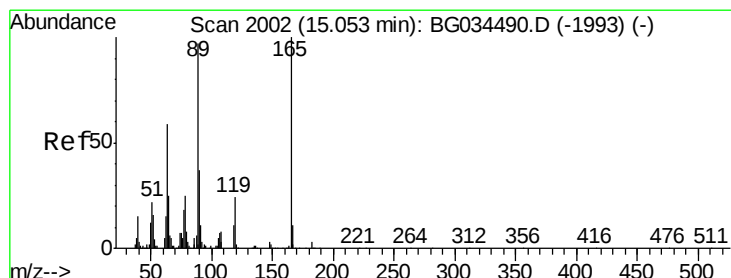
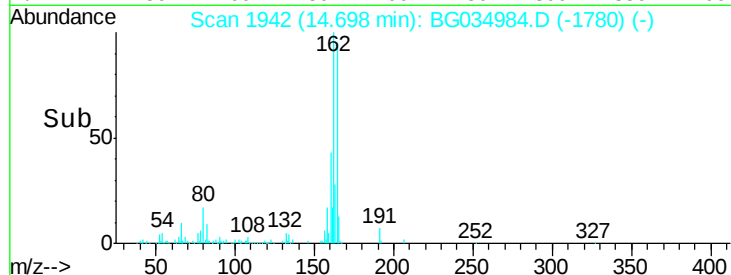
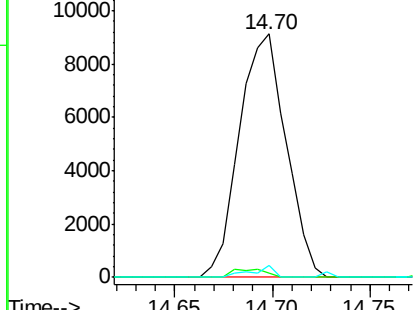
#50
 2,6-Dinitrotoluene
 Concen: 8.883 ng
 RT: 14.70 min Scan# 1942
 Delta R.T. 0.42 min
 Lab File: BG034984.D
 Acq: 8 Jun 2018 14:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 15140
 Ion Ratio Lower Upper
 165 100
 63 2.0 52.7 79.1#
 89 5.1 49.2 73.8#

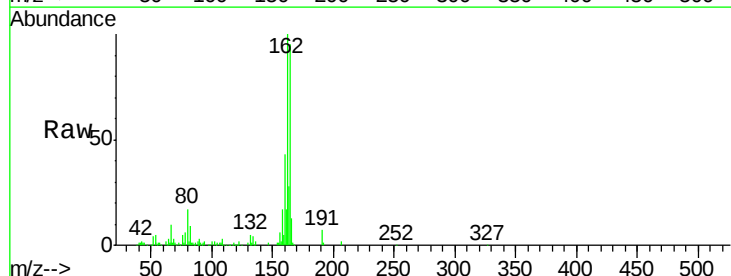


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

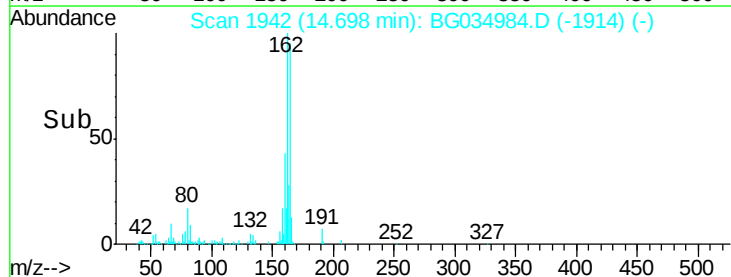
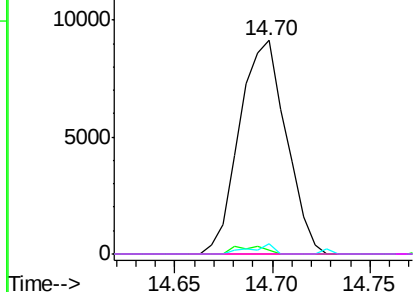


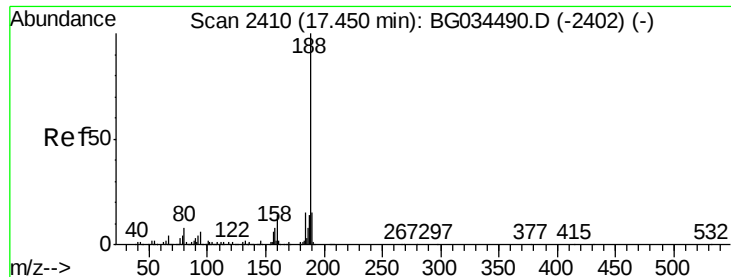
#56
 2,4-Dinitrotoluene
 Concen: 6.687 ng
 RT: 14.70 min Scan# 1942
 Delta R.T. -0.37 min
 Lab File: BG034984.D
 Acq: 8 Jun 2018 14:15

Tgt Ion:165 Resp: 15140
 Ion Ratio Lower Upper
 165 100
 63 2.0 42.0 63.0#
 89 5.1 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: 17.44 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BG034984.D

Acq: 8 Jun 2018 14:15

Instrument :

BNA_G

ClientSampleId :

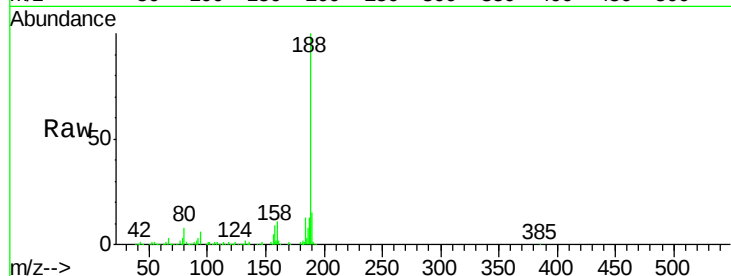
Tot Ion:188 Resp: 284280

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

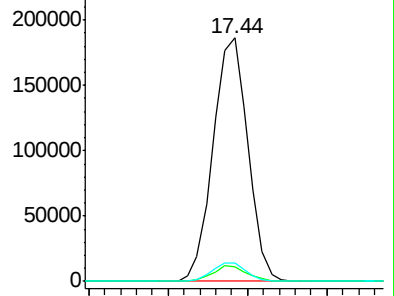
80 7.7 7.7 11.5#



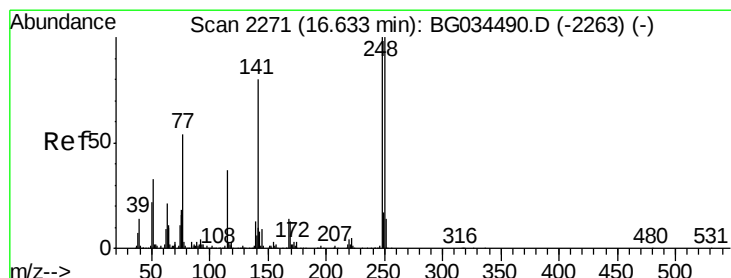
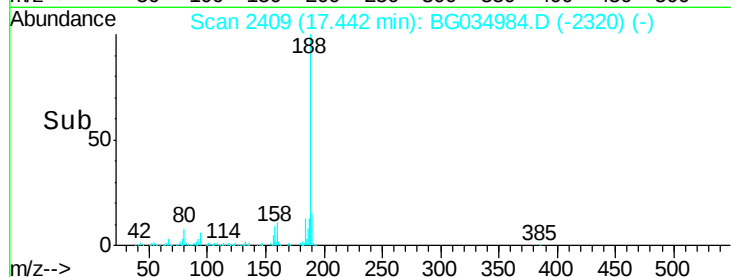
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.35 17.40 17.45 17.50



#66

4-Bromophenyl-phenylether

Concen: 3.506 ng

RT: 16.18 min Scan# 2194

Delta R.T. -0.47 min

Lab File: BG034984.D

Acq: 8 Jun 2018 14:15

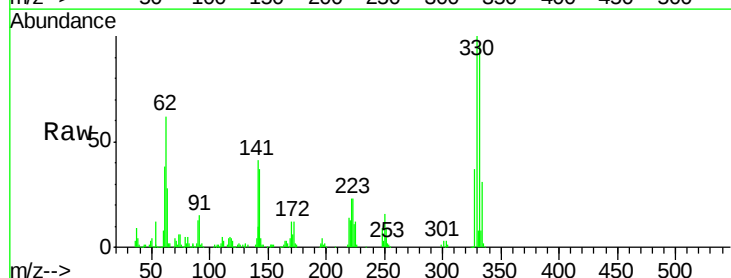
Tgt Ion:248 Resp: 12002

Ion Ratio Lower Upper

248 100

250 174.9 77.1 115.7#

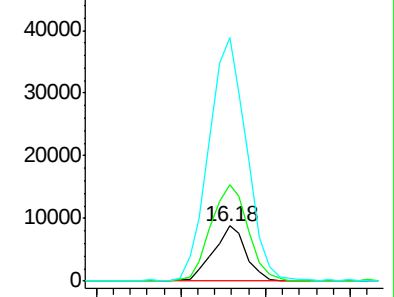
141 440.2 50.8 76.2#



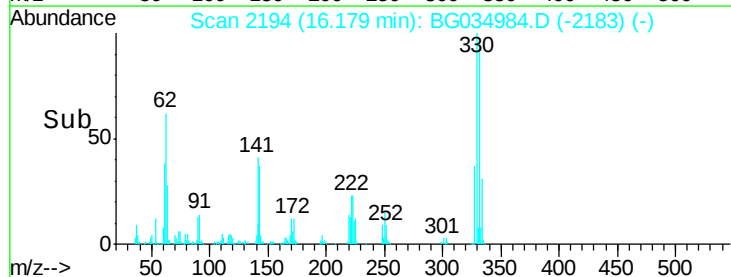
Abundance Ion 248.00 (247.70 to 248.70): E

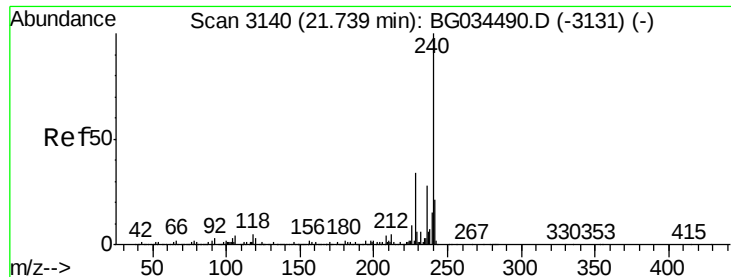
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time--> 16.10 16.15 16.20 16.25





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG034984.D

Acq: 8 Jun 2018 14:15

Instrument :

BNA_G

ClientSampleId :

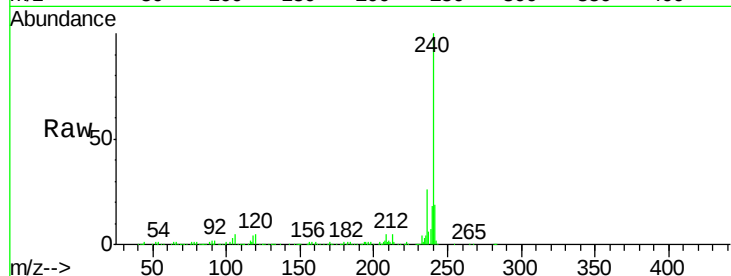
Tot Ion:240 Resp: 313875

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

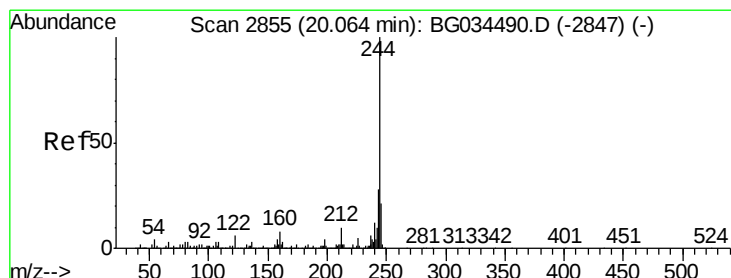
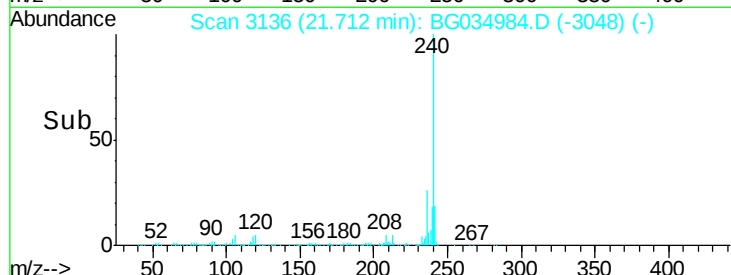
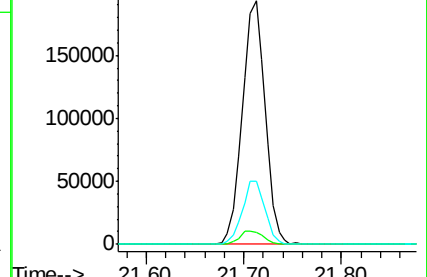
236 25.7 20.9 31.3



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: 83.730 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG034984.D

Acq: 8 Jun 2018 14:15

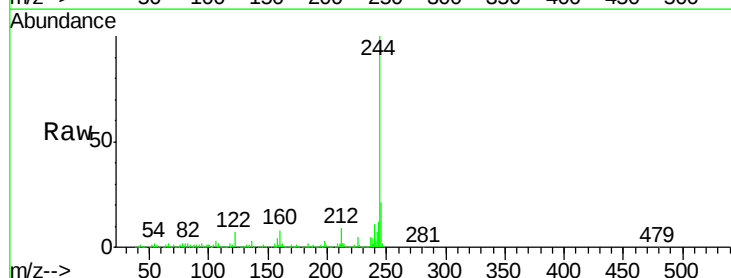
Tgt Ion:244 Resp: 1254643

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

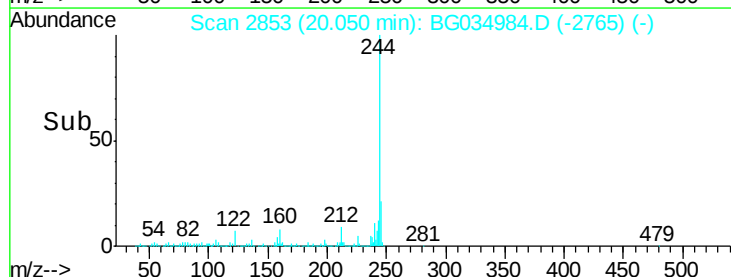
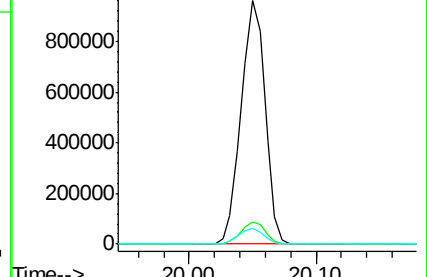
122 6.7 7.0 10.4#

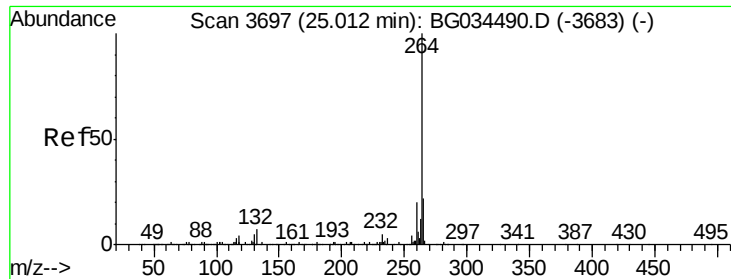


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

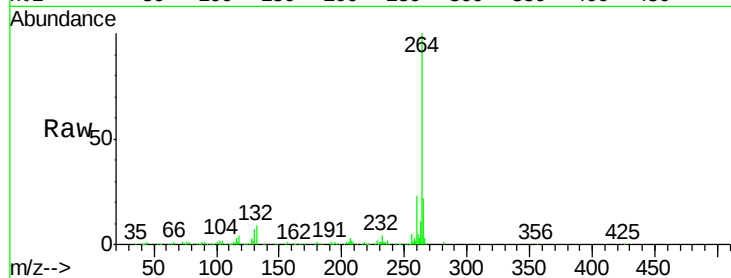




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3686
Delta R.T. -0.04 min
Lab File: BG034984.D
Acq: 8 Jun 2018 14:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	305475
Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.6	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

