

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033888.D
 Acq On : 20 Apr 2018 16:18
 Operator : SJ/JU
 Sample : J2475-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-01-02

Quant Time: Apr 21 05:14:44 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	68688	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	291462	20.00	ng	0.00
38) Acenaphthene-d10	14.46	164	185890	20.00	ng	-0.01
63) Phenanthrene-d10	17.22	188	463404	20.00	ng	0.00
75) Chrysene-d12	21.47	240	481678	20.00	ng	-0.02
86) Perylene-d12	24.54	264	483871	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	481976	112.03	ng	0.00
7) Phenol-d6	7.00	99	638381	101.73	ng	0.00
23) Nitrobenzene-d5	8.98	82	378745	73.95	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	248085	114.39	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	935327	73.92	ng	-0.01
78) Terphenyl-d14	19.86	244	1547644	72.18	ng	0.00

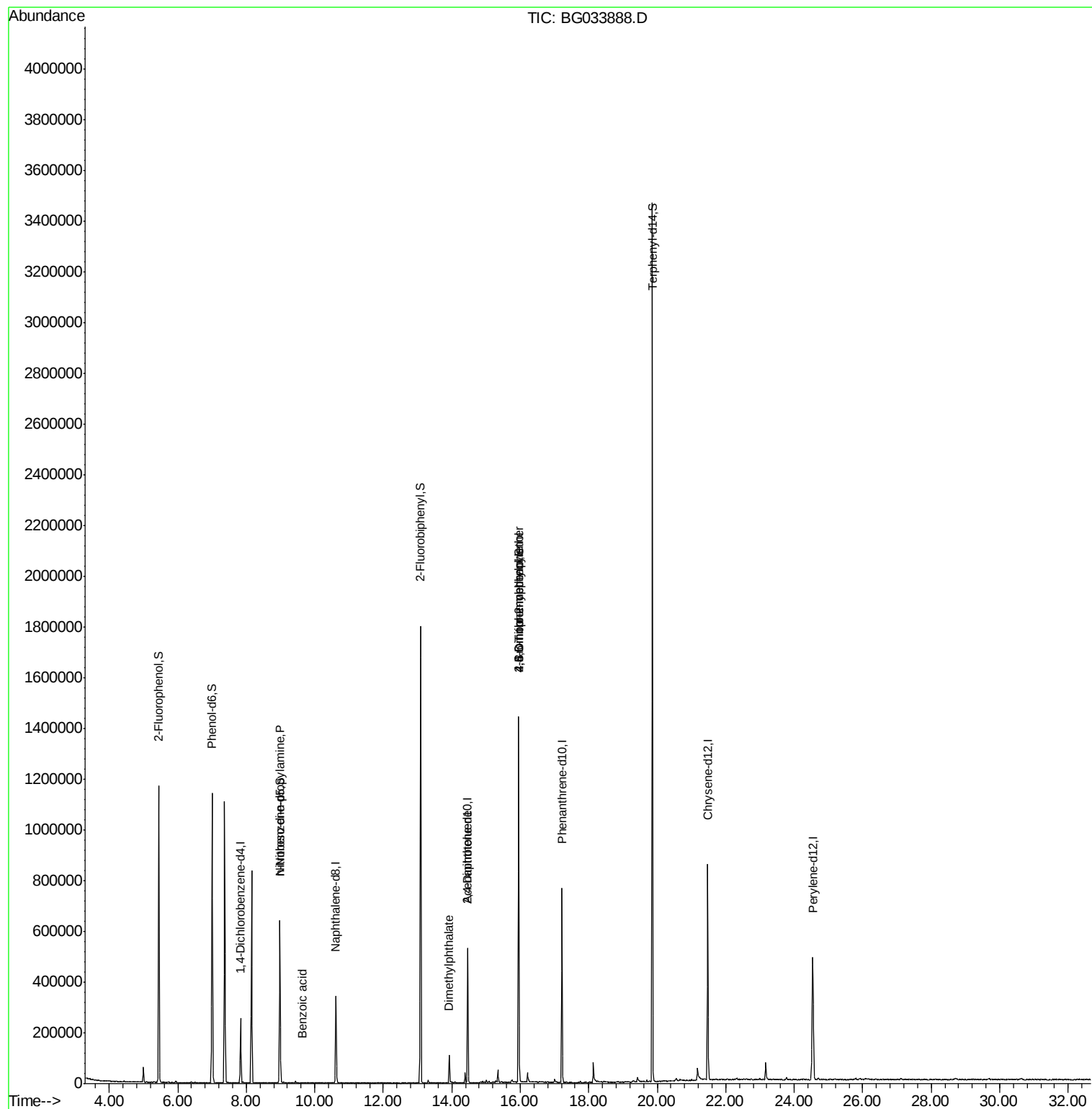
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.01	77	1278	Below Cal	#	5
19) n-Nitroso-di-n-propylamine	8.98	70	53122	9.931	ng	# 78
32) Benzoic acid	9.65	122	61	5.097	ng	# 1
49) Dimethylphthalate	13.93	163	72933	4.460	ng	# 98
56) 2,4-Dinitrotoluene	14.46	165	23137	5.615	ng	# 18
64) 4,6-Dinitro-2-methylphenol	15.95	198	2710	7.539	ng	# 79
66) 4-Bromophenyl-phenylether	15.96	248	16480	3.238	ng	# 1

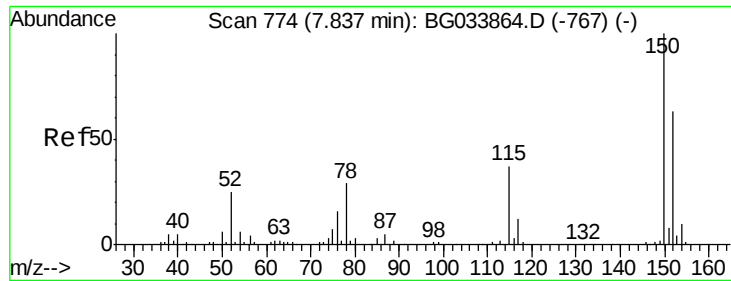
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG033888.D

Acq: 20 Apr 2018 16:18

Instrument :

BNA_G

ClientSampled :

SB-01-02

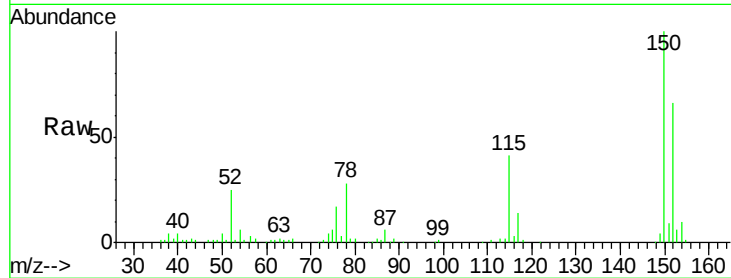
Tot Ion:152 Resp: 68688

Ion Ratio Lower Upper

152 100

150 152.6 126.6 189.8

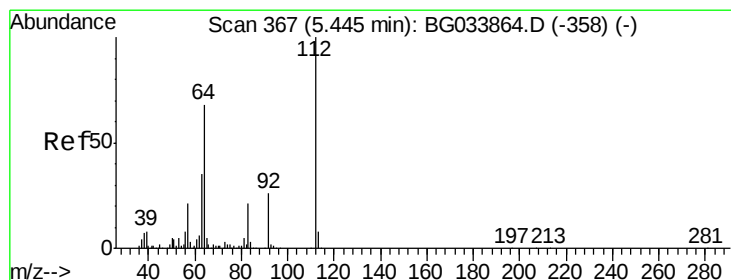
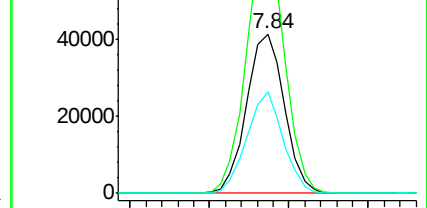
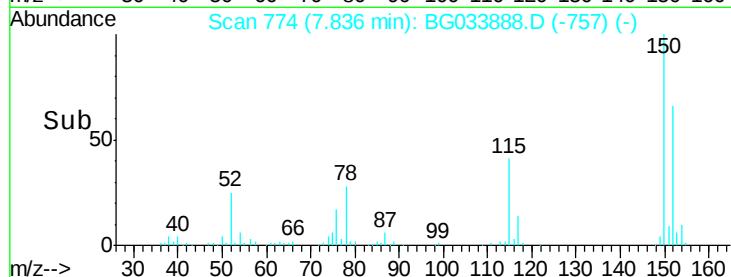
115 63.3 53.0 79.4



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: 112.027 ng

RT: 5.45 min Scan# 367

Delta R.T. -0.00 min

Lab File: BG033888.D

Acq: 20 Apr 2018 16:18

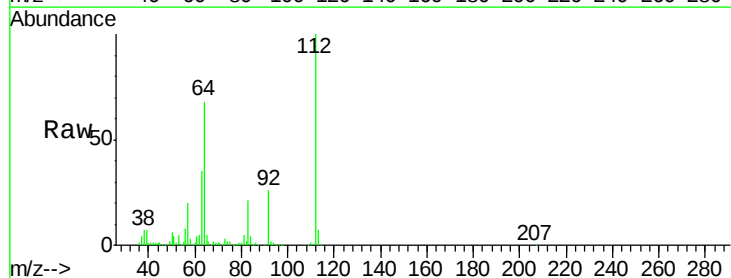
Tgt Ion:112 Resp: 481976

Ion Ratio Lower Upper

112 100

64 67.9 56.3 84.5

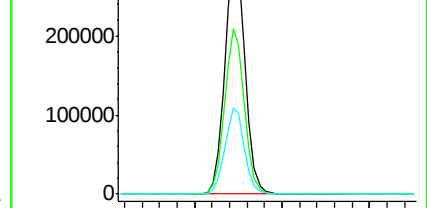
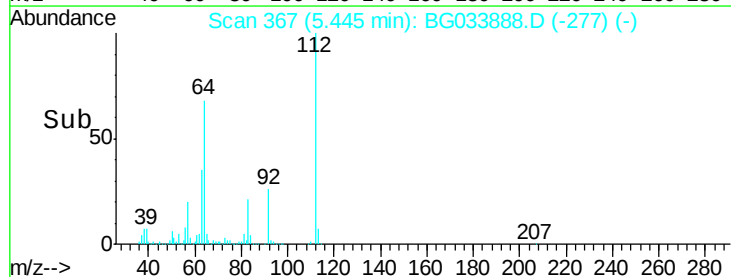
63 35.2 30.1 45.1

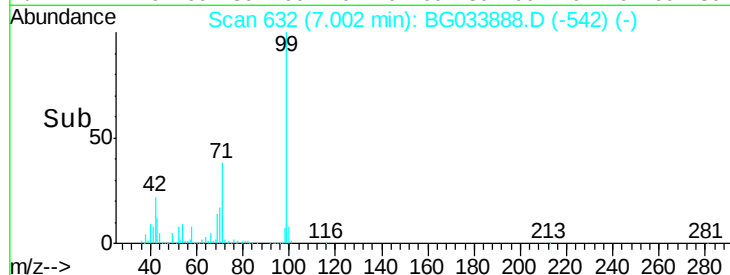
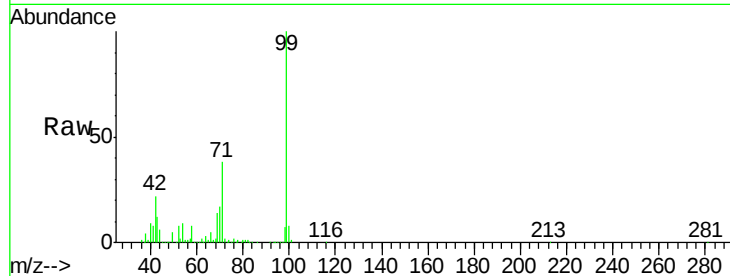
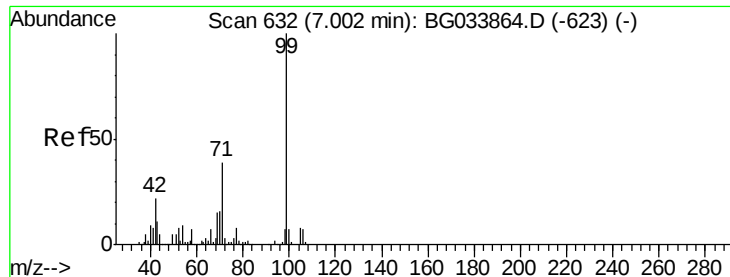


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 101.731 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033888.D

Acq: 20 Apr 2018 16:18

Instrument :

BNA_G

ClientSampled :

SB-01-02

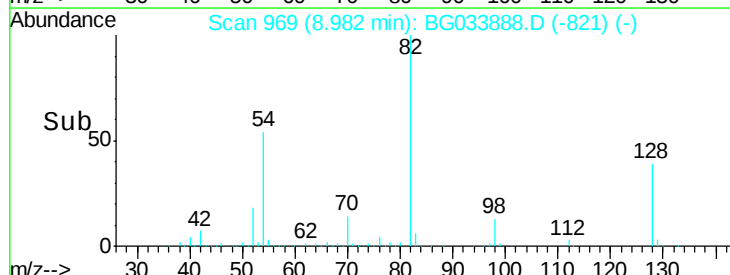
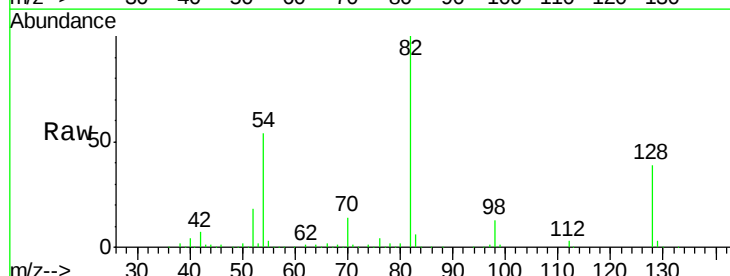
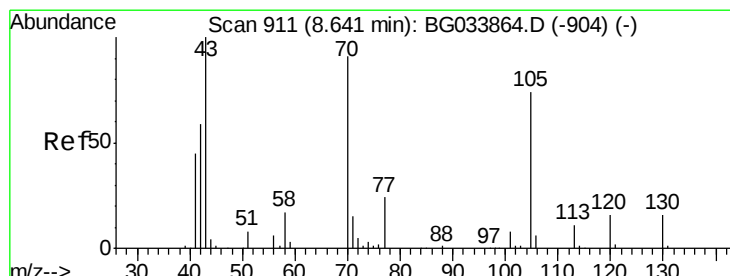
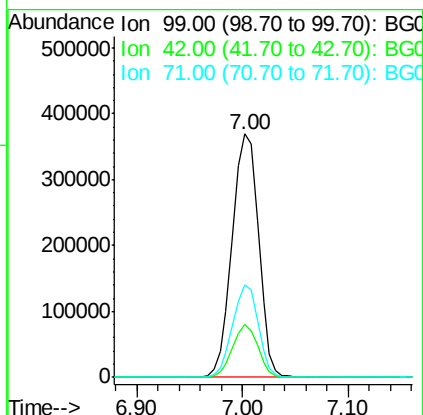
Tot Ion: 99 Resp: 638381

Ion Ratio Lower Upper

99 100

42 21.8 14.1 21.1#

71 37.9 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 9.931 ng

RT: 8.98 min Scan# 969

Delta R.T. 0.34 min

Lab File: BG033888.D

Acq: 20 Apr 2018 16:18

Tgt Ion: 70 Resp: 53122

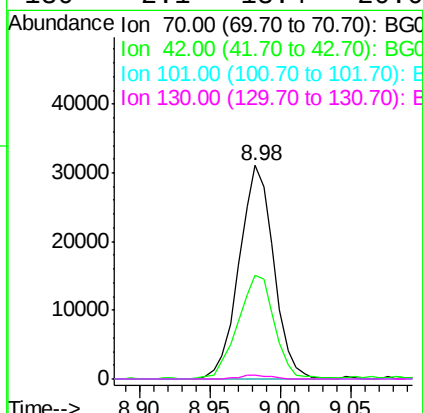
Ion Ratio Lower Upper

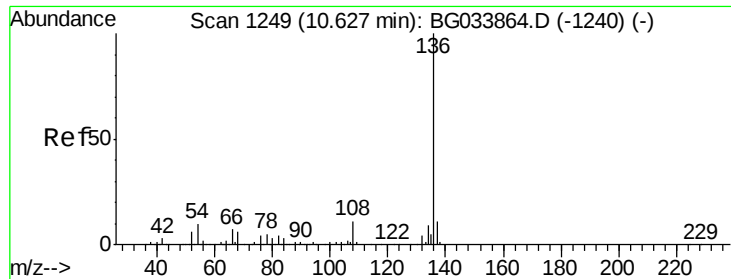
70 100

42 48.3 49.1 73.7#

101 0.0 8.5 12.7#

130 2.1 13.4 20.0#

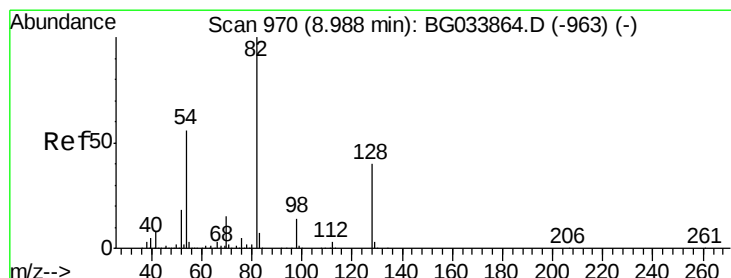
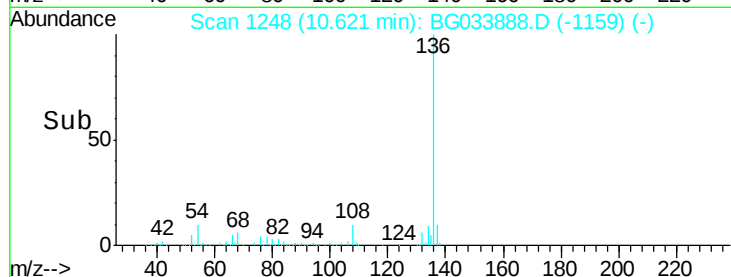
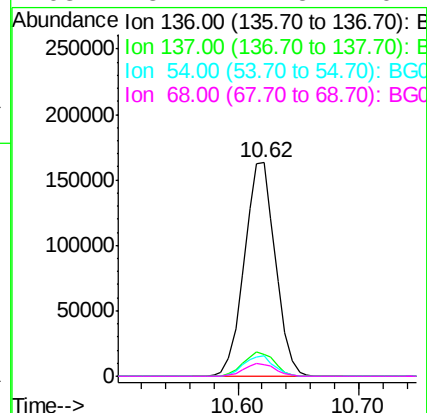
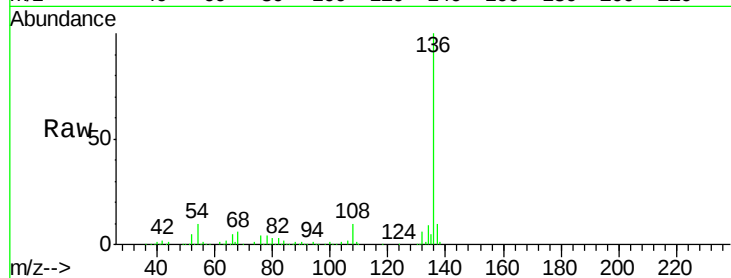




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BG033888.D
Acq: 20 Apr 2018 16:18

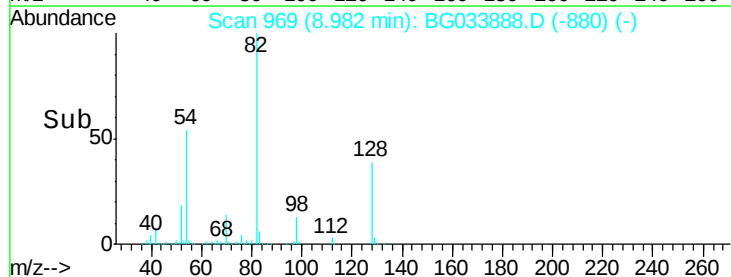
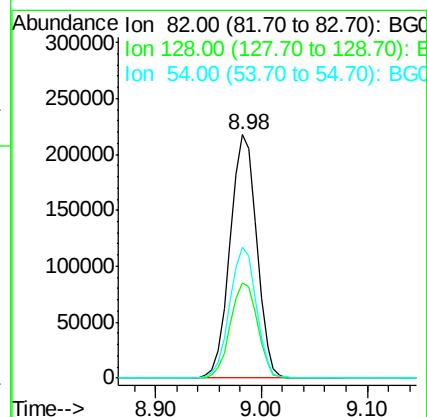
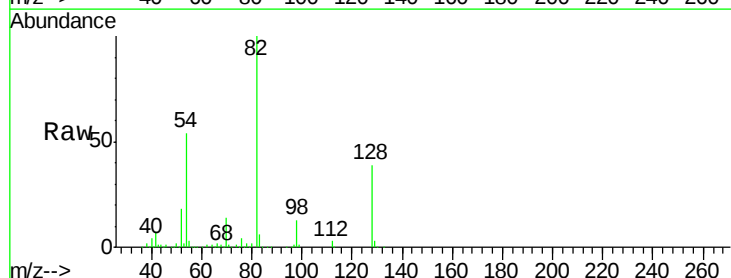
Instrument :
BNA_G
ClientSampled :
SB-01-02

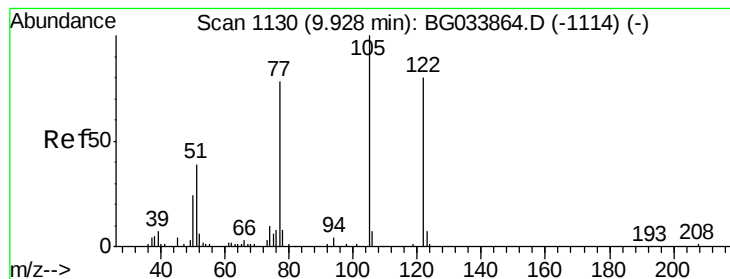
Tot Ion:136	Resp:	291462
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.2 13.8
54	9.7	10.3 15.5#
68	5.7	4.5 6.7



#23
Nitrobenzene-d5
Concen: 73.952 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG033888.D
Acq: 20 Apr 2018 16:18

Tgt Ion: 82	Resp:	378745
Ion Ratio	Lower	Upper
82	100	
128	39.1	29.7 44.5
54	54.0	43.1 64.7





#32

Benzoic acid

Concen: 5.097 ng

RT: 9.65 min Scan# 1082

Delta R.T. -0.28 min

Lab File: BG033888.D

Acq: 20 Apr 2018 16:18

Instrument :

BNA_G

ClientSampleId :

SB-01-02

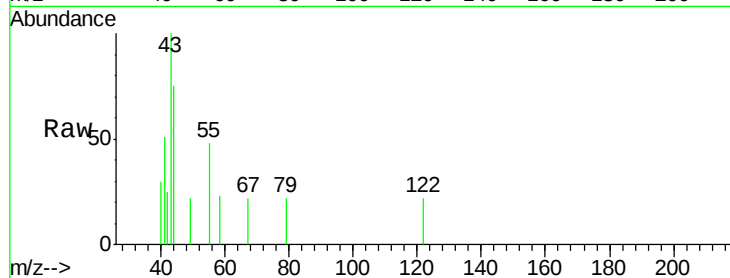
Tot Ion:122 Resp: 61

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

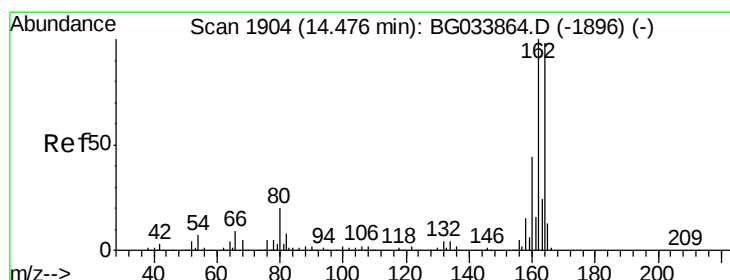
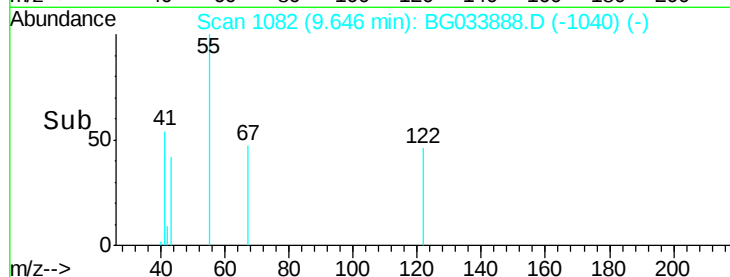
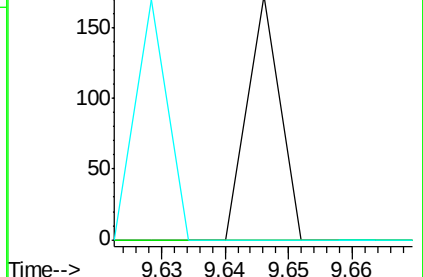
77 0.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BG033888.D

Acq: 20 Apr 2018 16:18

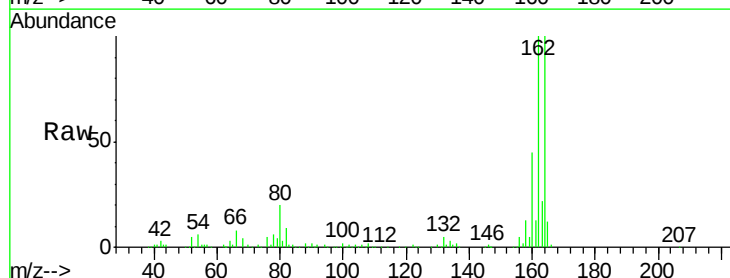
Tgt Ion:164 Resp: 185890

Ion Ratio Lower Upper

164 100

162 99.9 78.8 118.2

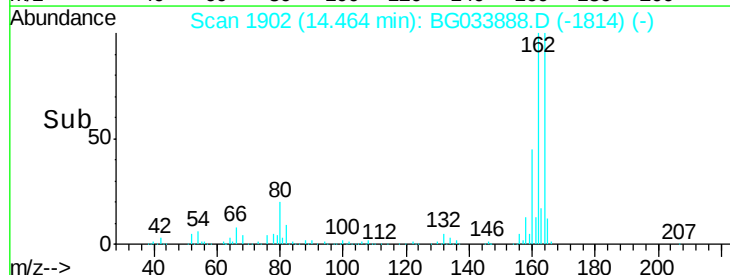
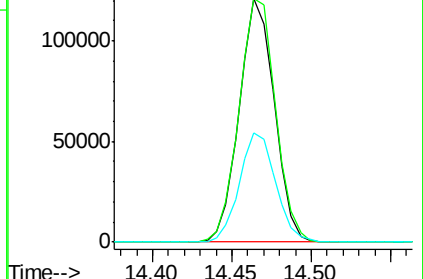
160 44.8 35.4 53.0

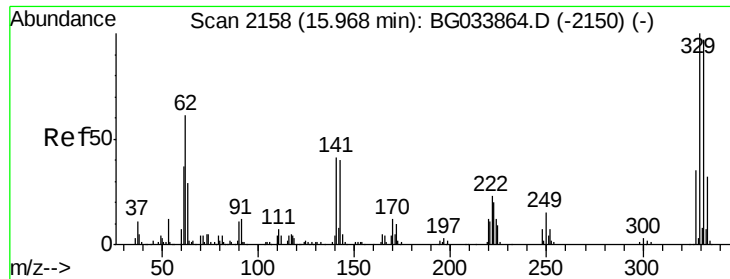


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

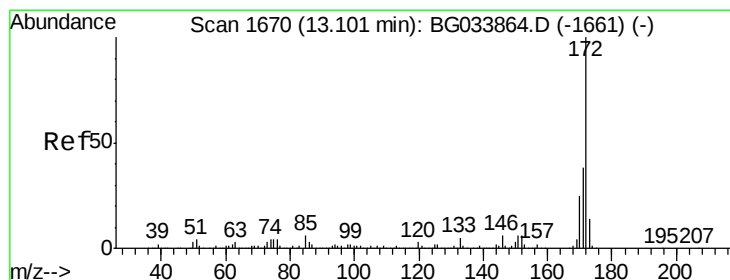
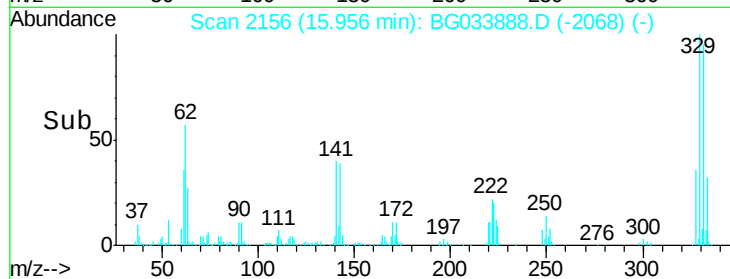
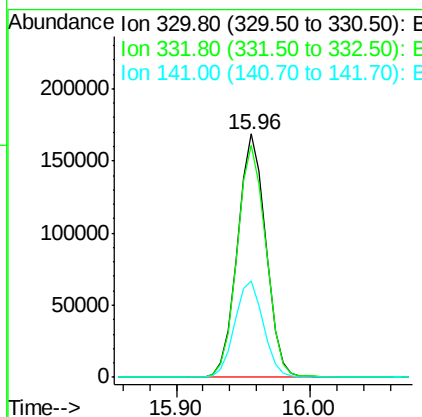
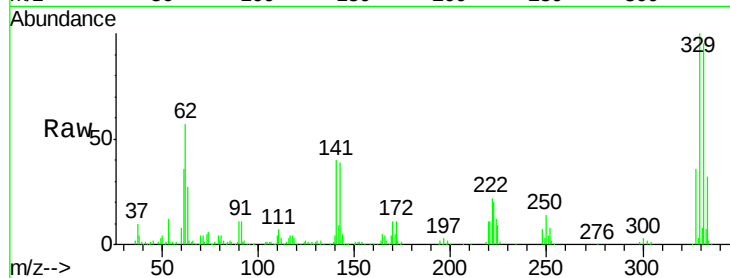




#41
 2,4,6-Tribromophenol
 Concen: 114.393 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033888.D
 Acq: 20 Apr 2018 16:18

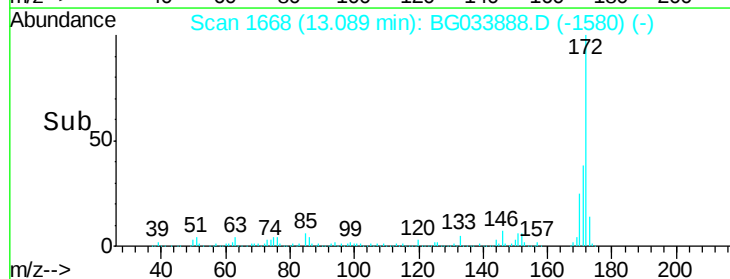
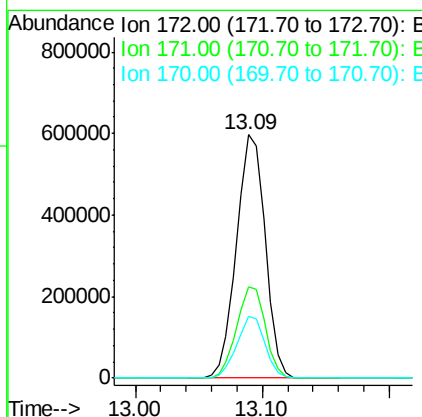
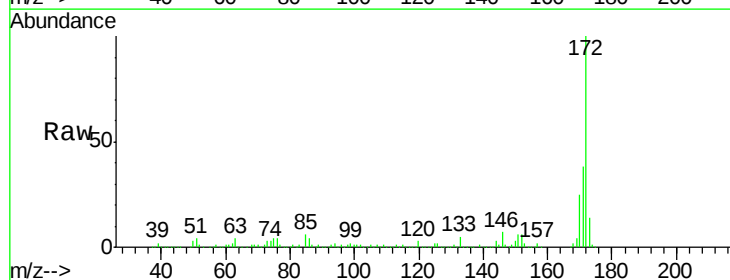
Instrument :
 BNA_G
 ClientSampleId :
 SB-01-02

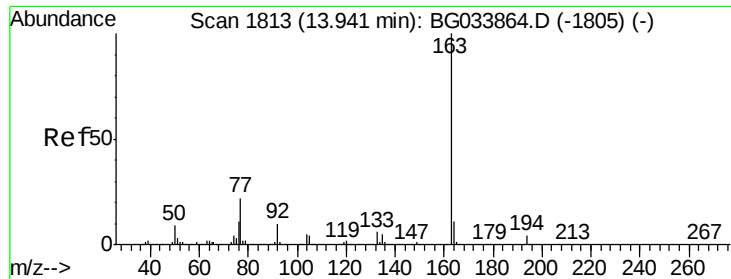
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	40.3	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 73.916 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BG033888.D
 Acq: 20 Apr 2018 16:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	25.4	19.5	29.3





#49

Dimethylphthalate

Concen: 4.460 ng

RT: 13.93 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BG033888.D

Acq: 20 Apr 2018 16:18

Instrument :

BNA_G

ClientSampleId :

SB-01-02

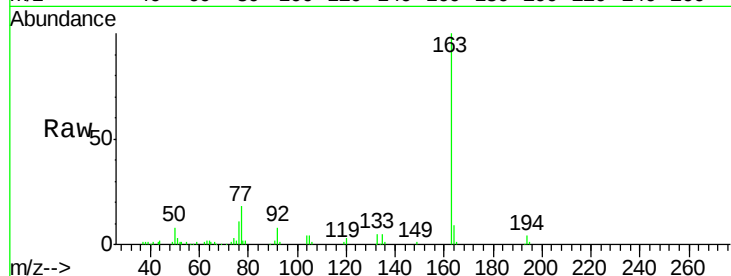
Tot Ion:163 Resp: 72933

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

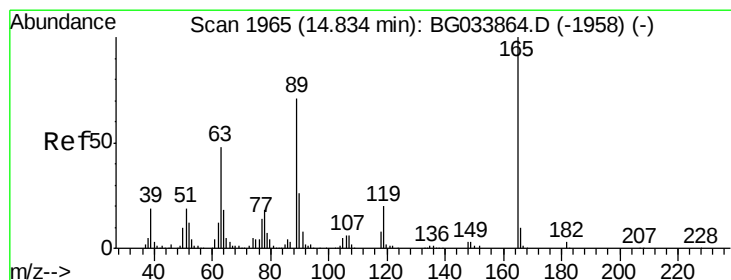
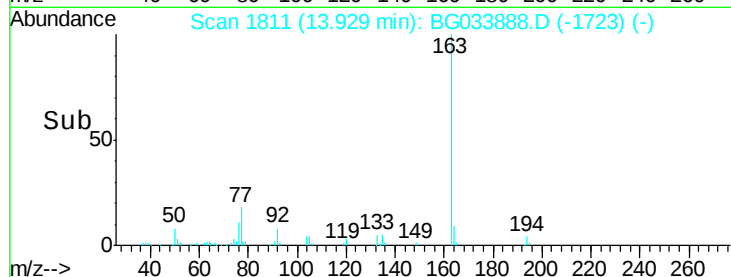
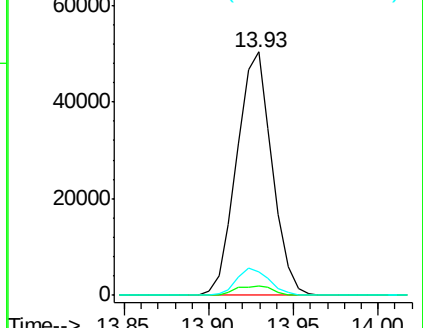
164 9.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 5.615 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.37 min

Lab File: BG033888.D

Acq: 20 Apr 2018 16:18

Tgt Ion:165 Resp: 23137

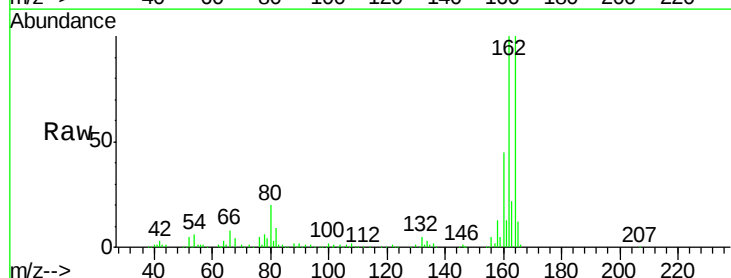
Ion Ratio Lower Upper

165 100

63 1.4 42.0 63.0#

89 1.5 66.9 100.3#

182 0.0 2.6 3.8#

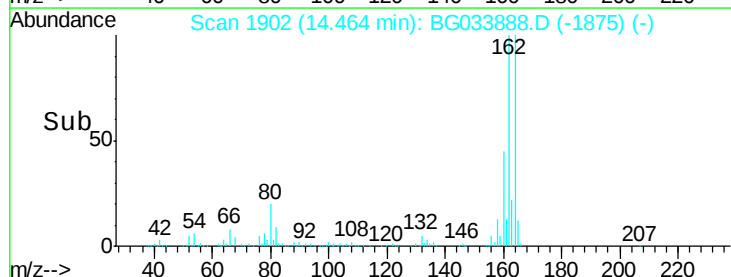
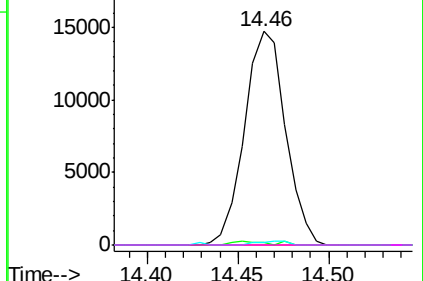


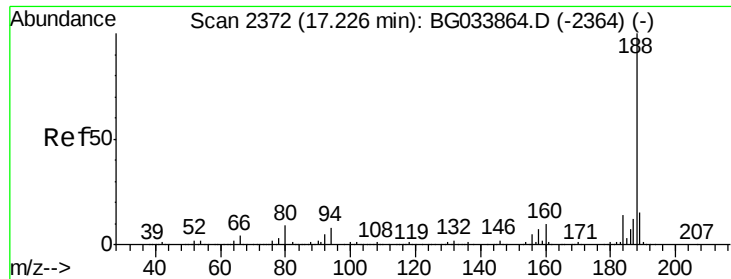
Abundance Ion 165.00 (164.70 to 165.70): E

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

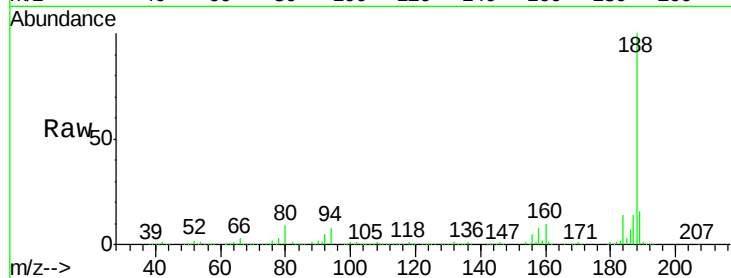




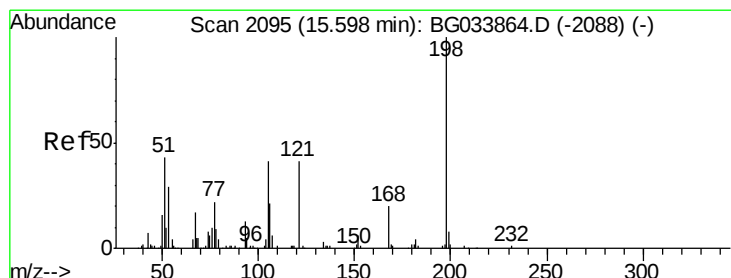
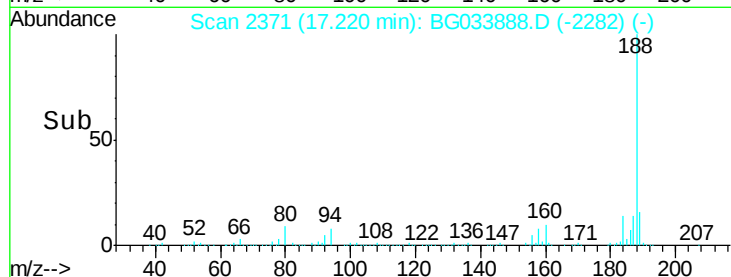
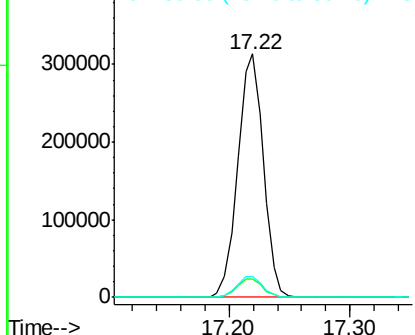
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BG033888.D
Acq: 20 Apr 2018 16:18

Instrument :
BNA_G
ClientSampleId :
SB-01-02

Tot Ion:188 Resp: 463404
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 8.7 7.7 11.5

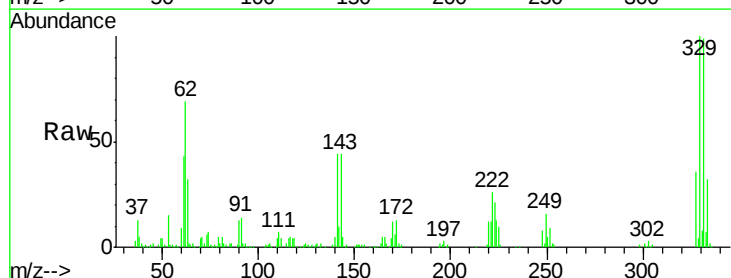


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

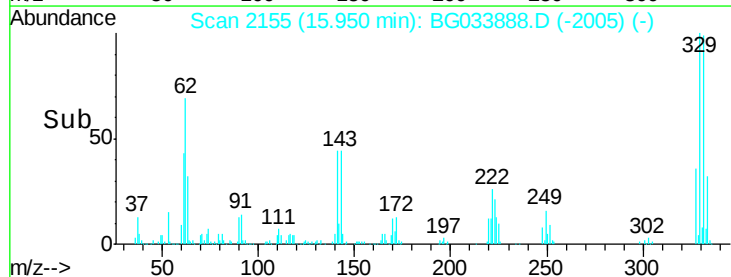
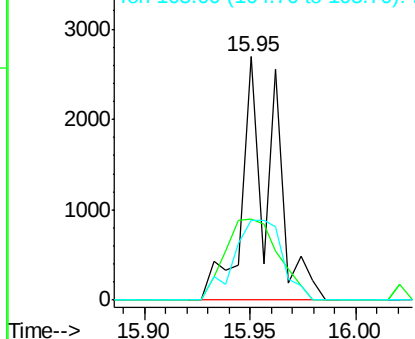


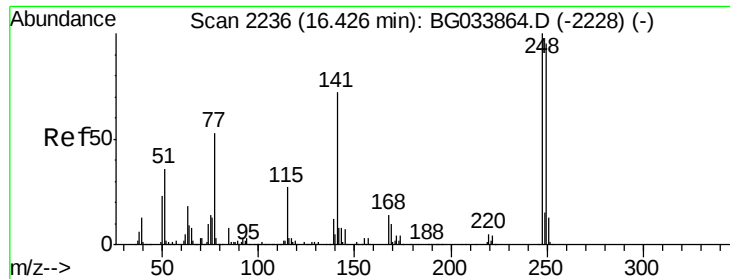
#64
4,6-Dinitro-2-methylphenol
Concen: 7.539 ng
RT: 15.95 min Scan# 2155
Delta R.T. 0.35 min
Lab File: BG033888.D
Acq: 20 Apr 2018 16:18

Tgt Ion:198 Resp: 2710
Ion Ratio Lower Upper
198 100
51 33.4 30.6 70.6
105 32.7 23.8 63.8



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

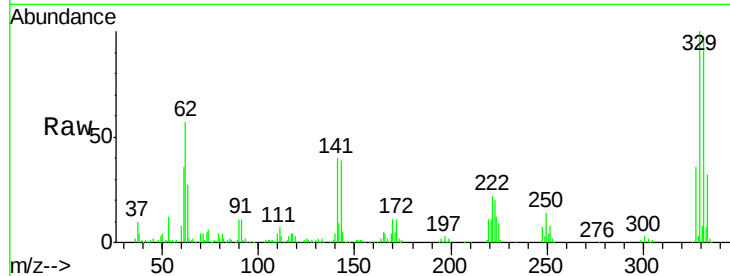




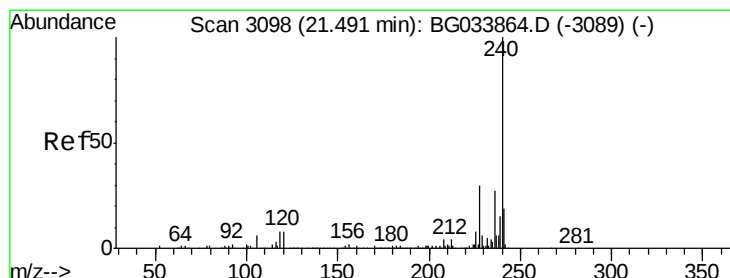
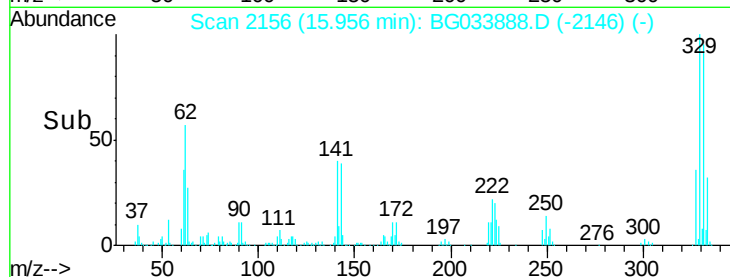
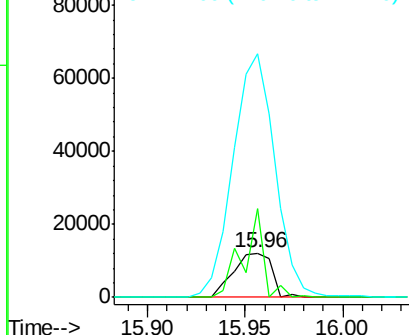
#66
 4-Bromophenyl-phenylether
 Concen: 3.238 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.47 min
 Lab File: BG033888.D
 Acq: 20 Apr 2018 16:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-01-02

Tot Ion:248 Resp: 16480
 Ion Ratio Lower Upper
 248 100
 250 194.1 77.1 115.7#
 141 407.3 50.8 76.2#

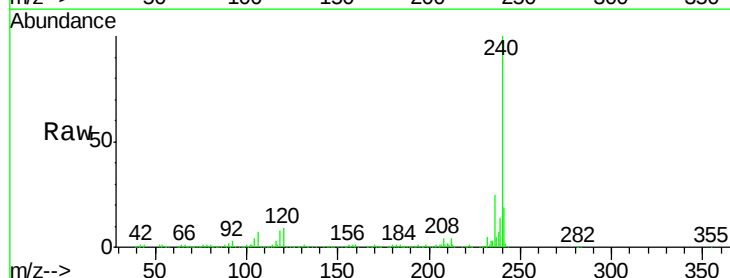


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

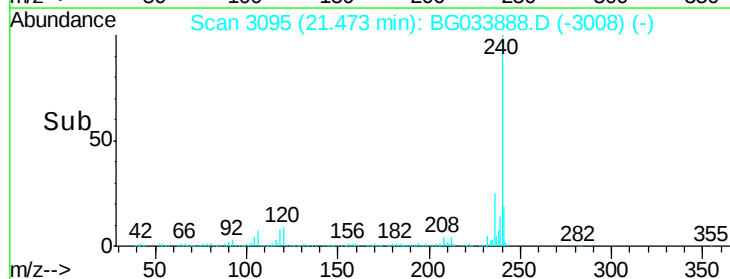
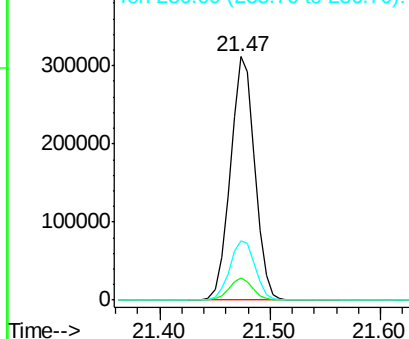


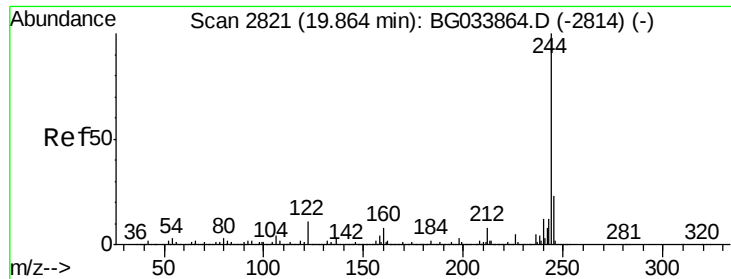
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.47 min Scan# 3095
 Delta R.T. -0.02 min
 Lab File: BG033888.D
 Acq: 20 Apr 2018 16:18

Tgt Ion:240 Resp: 481678
 Ion Ratio Lower Upper
 240 100
 120 9.3 6.8 10.2
 236 24.6 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

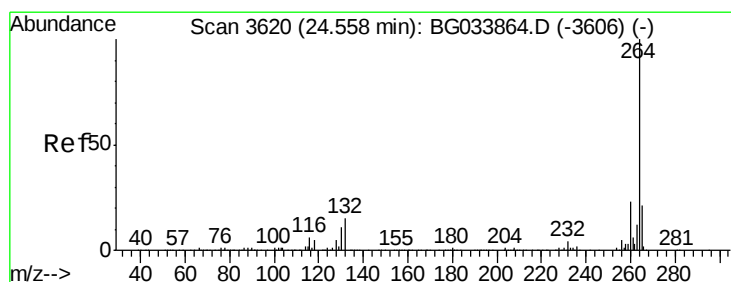
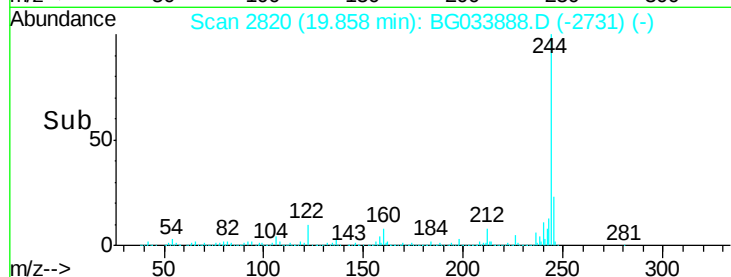
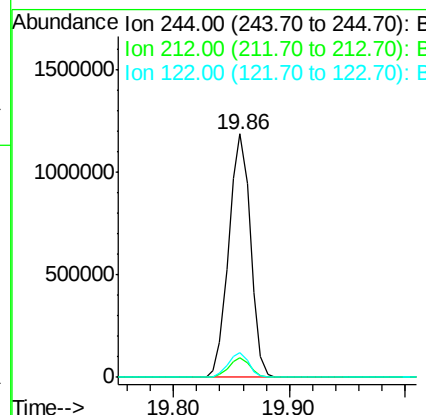
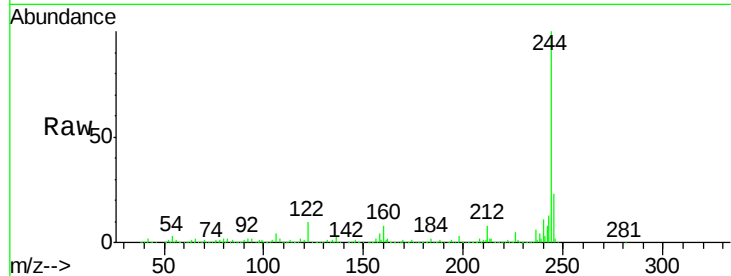




#78
 Terphenyl-d14
 Concen: 72.184 ng
 RT: 19.86 min Scan# 2820
 Delta R.T. -0.01 min
 Lab File: BG033888.D
 Acq: 20 Apr 2018 16:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-01-02

Tot Ion:244 Resp: 1547644
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.8 8.8
 122 10.3 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.54 min Scan# 3617
 Delta R.T. -0.02 min
 Lab File: BG033888.D
 Acq: 20 Apr 2018 16:18

Tgt Ion:264 Resp: 483871
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.4 26.0
 265 21.0 17.7 26.5

