

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033882.D
 Acq On : 20 Apr 2018 12:31
 Operator : SJ/JU
 Sample : J2439-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CDMP-WC1

Quant Time: Apr 21 05:13:02 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

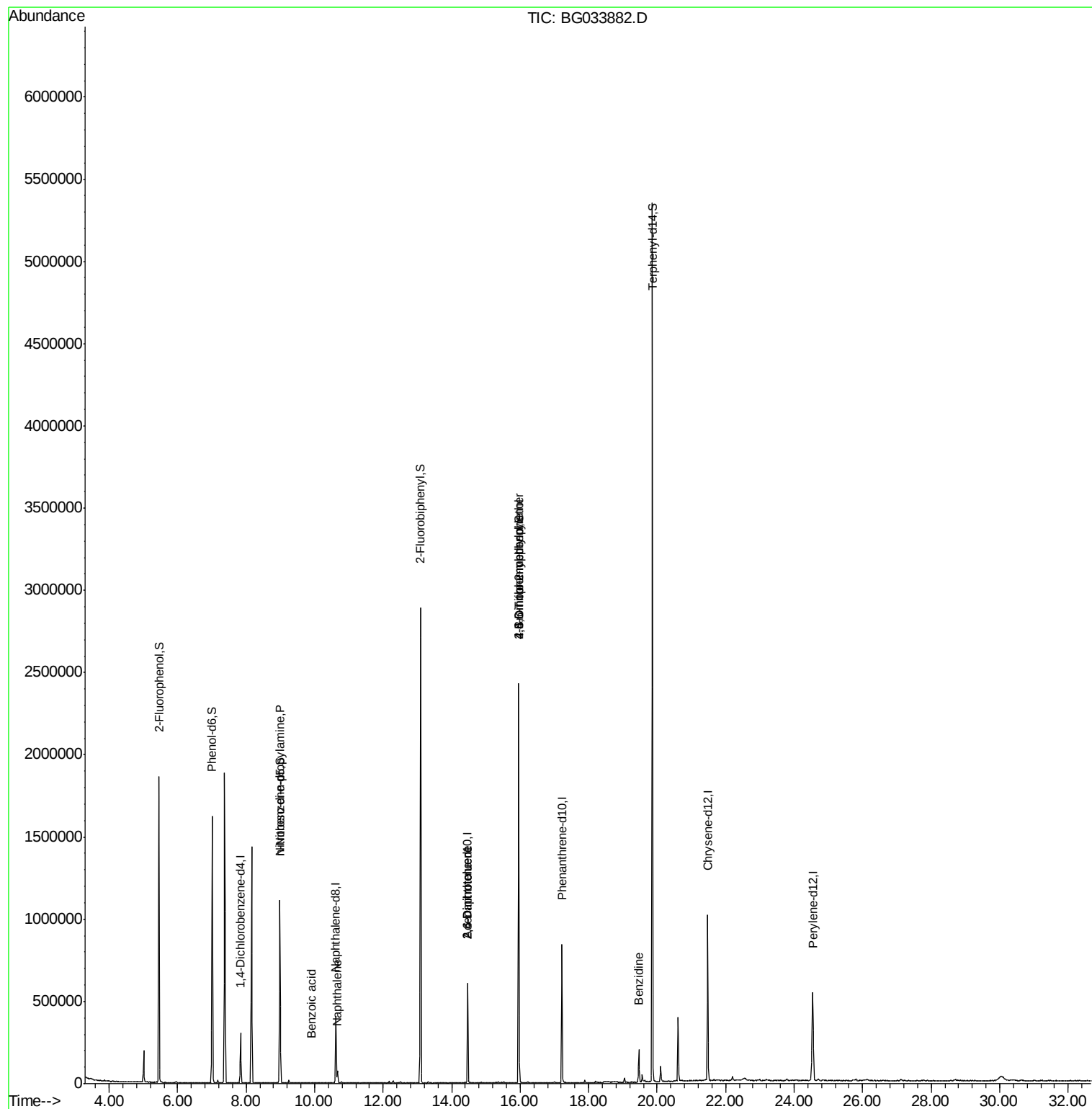
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	82315	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	341025	20.00	ng	-0.01
38) Acenaphthene-d10	14.47	164	207223	20.00	ng	-0.01
63) Phenanthrene-d10	17.22	188	518995	20.00	ng	-0.01
75) Chrysene-d12	21.48	240	553180	20.00	ng	-0.02
86) Perylene-d12	24.54	264	557400	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	749134	145.30	ng	0.00
7) Phenol-d6	7.01	99	892613	118.70	ng	0.00
23) Nitrobenzene-d5	8.98	82	673255	112.35	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	421980	174.55	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1488668	105.53	ng	-0.01
78) Terphenyl-d14	19.86	244	2411430	97.93	ng	0.00
Target Compounds						
9) Benzaldehyde	7.00	77	2226	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	8.98	70	94146	14.687 ng	#	14
31) Naphthalene	10.67	128	57366	3.271 ng	#	81
32) Benzoic acid	9.91	122	166	5.115 ng	#	98
50) 2,6-Dinitrotoluene	14.47	165	26622	7.707 ng	#	32
56) 2,4-Dinitrotoluene	14.47	165	26622	5.795 ng	#	20
64) 4,6-Dinitro-2-methylphenol	15.96	198	2269	7.274 ng	#	18
66) 4-Bromophenyl-phenylether	15.96	248	32300	5.667 ng	#	68
76) Benzidine	19.47	184	113150	7.575 ng	#	1
						97

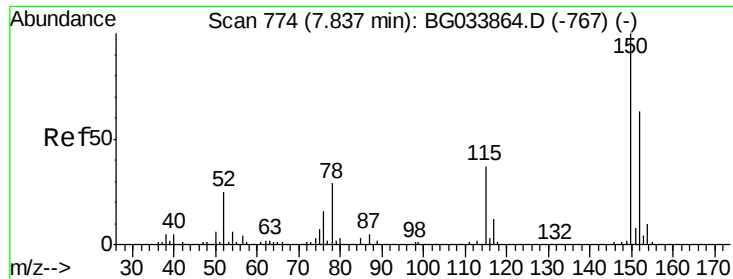
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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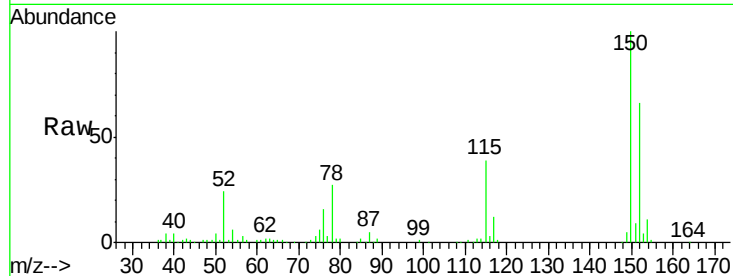


#1

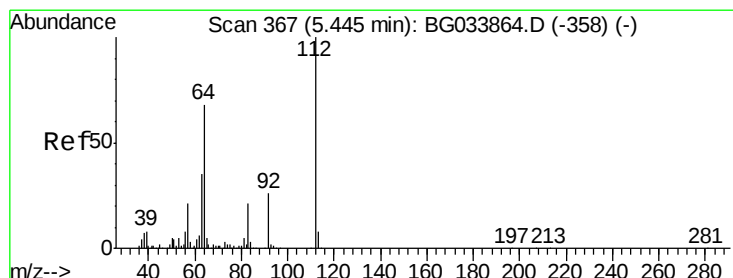
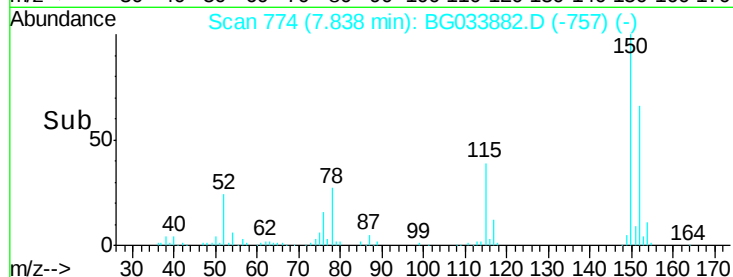
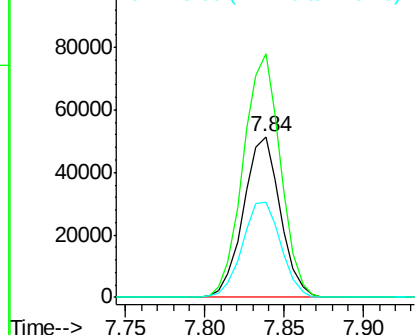
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.84 min Scan# 774
Delta R.T. 0.00 min
Lab File: BG033882.D
Acq: 20 Apr 2018 12:31

Instrument :
BNA_G
ClientSampleId :
CDMP-WC1

Tot Ion:152 Resp: 82315
Ion Ratio Lower Upper
152 100
150 151.7 126.6 189.8
115 59.2 53.0 79.4



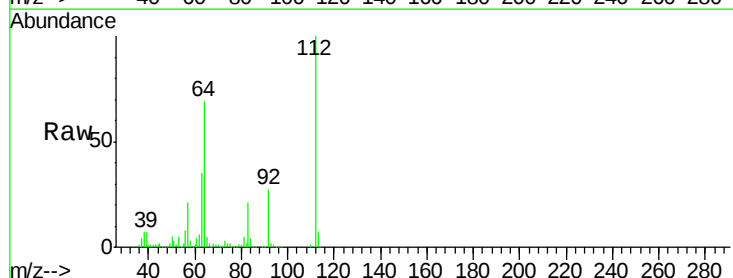
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



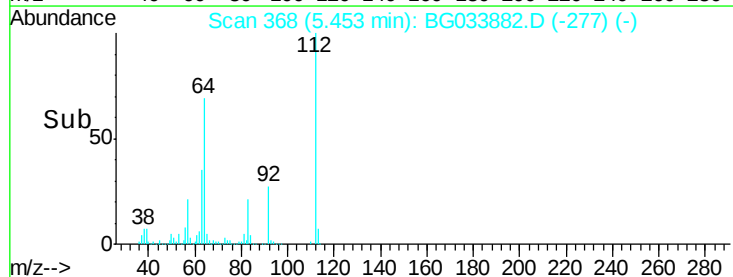
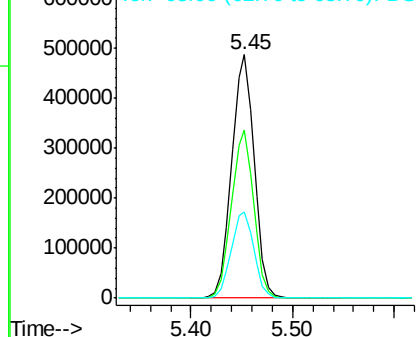
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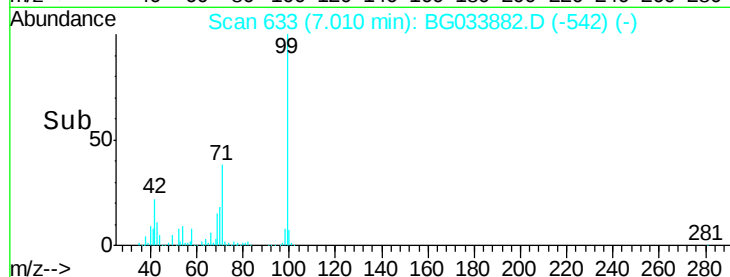
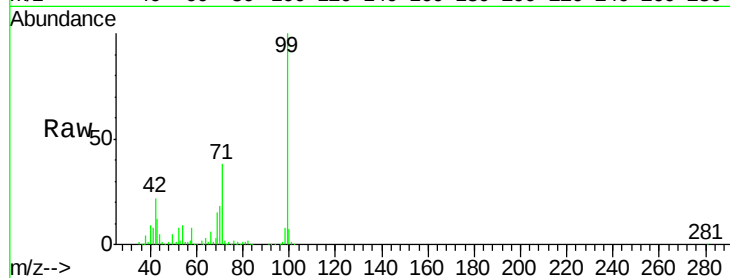
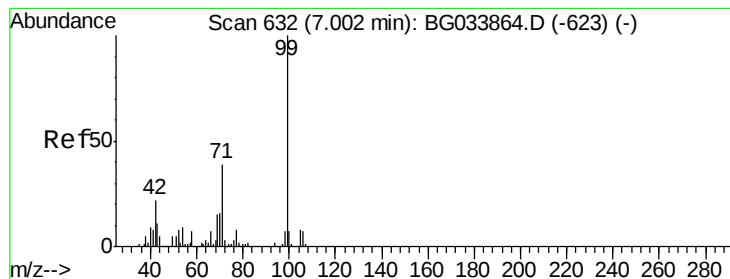
2-Fluorophenol
Concen: 145.298 ng
RT: 5.45 min Scan# 368
Delta R.T. 0.01 min
Lab File: BG033882.D
Acq: 20 Apr 2018 12:31

Tgt Ion:112 Resp: 749134
Ion Ratio Lower Upper
112 100
64 68.9 56.3 84.5
63 35.4 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: 118.697 ng

RT: 7.01 min Scan# 633

Delta R.T. 0.01 min

Lab File: BG033882.D

Acq: 20 Apr 2018 12:31

Instrument :

BNA_G

ClientSampleId :

CDMP-WC1

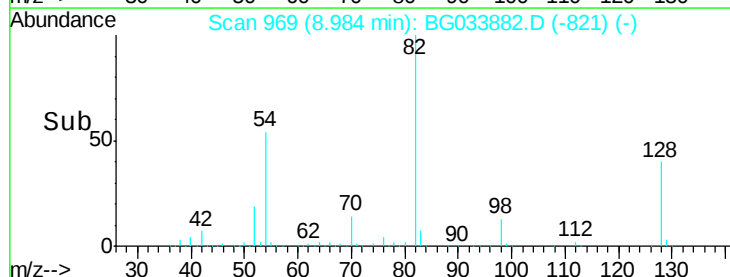
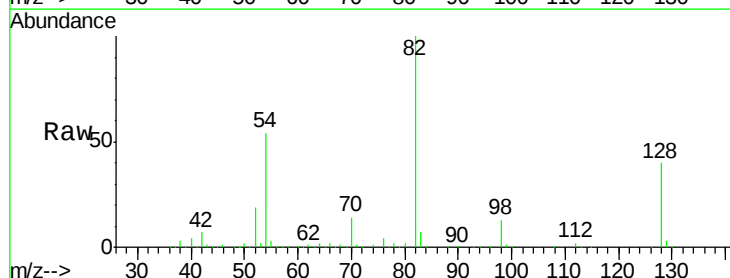
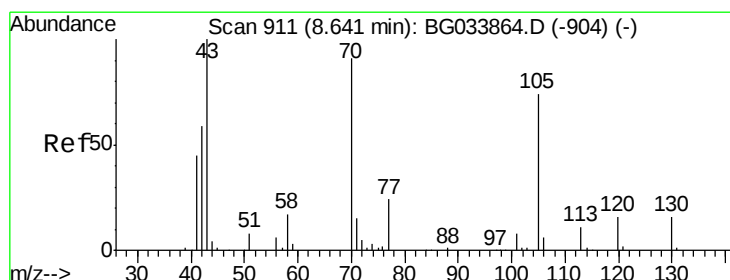
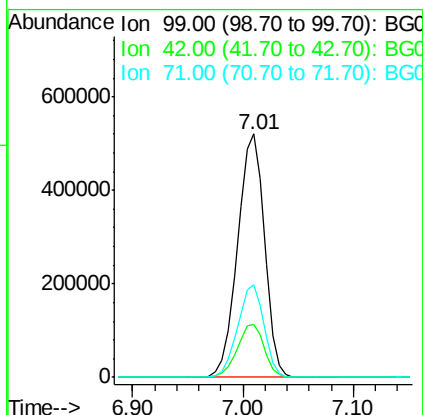
Tot Ion: 99 Resp: 892613

Ion Ratio Lower Upper

99 100

42 21.6 14.1 21.1#

71 38.0 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 14.687 ng

RT: 8.98 min Scan# 969

Delta R.T. 0.34 min

Lab File: BG033882.D

Acq: 20 Apr 2018 12:31

Tgt Ion: 70 Resp: 94146

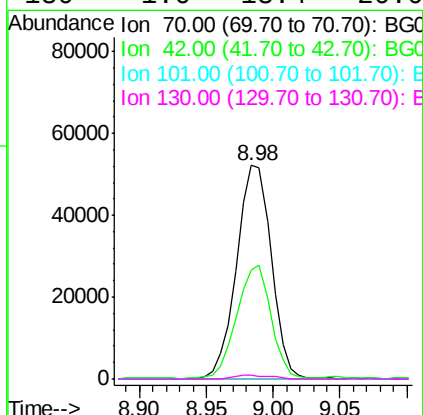
Ion Ratio Lower Upper

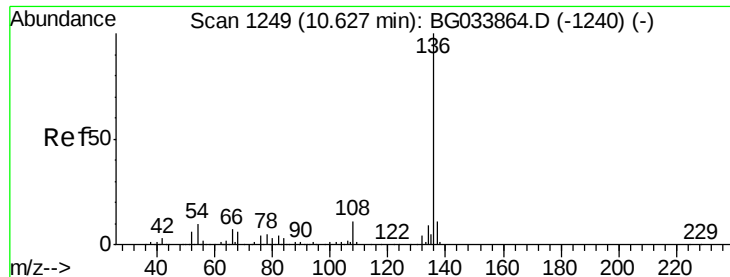
70 100

42 50.9 49.1 73.7

101 0.0 8.5 12.7#

130 1.6 13.4 20.0#

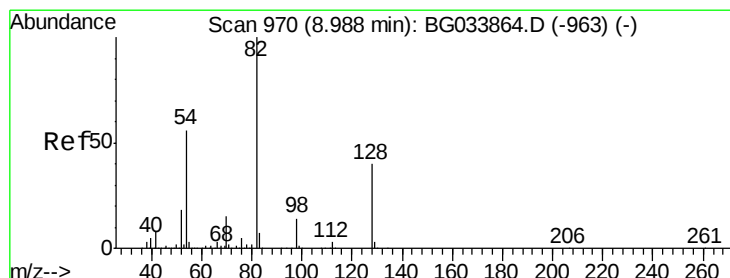
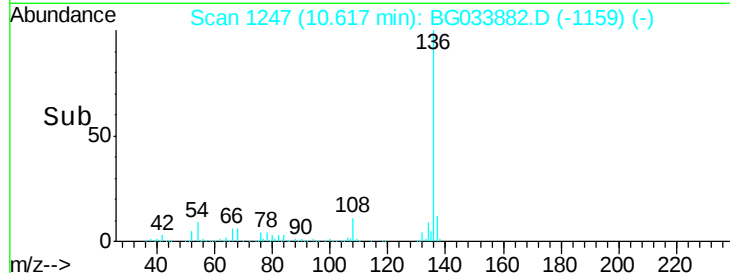
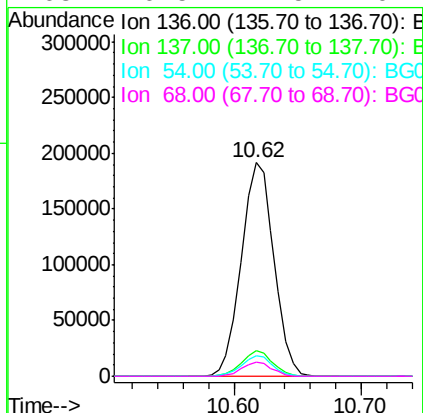
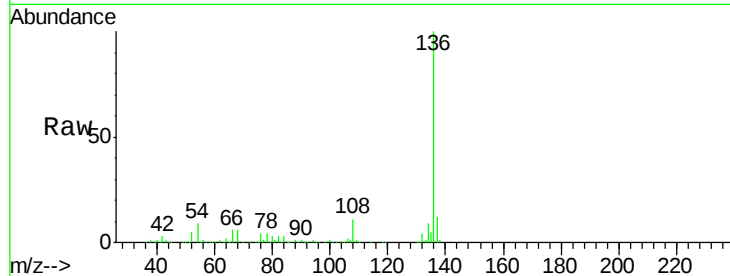




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG033882.D
Acq: 20 Apr 2018 12:31

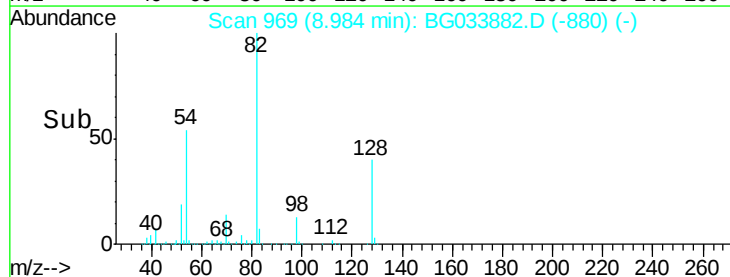
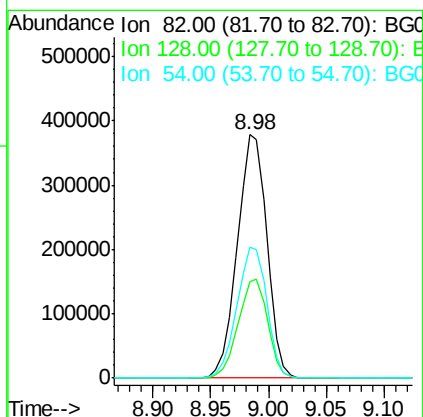
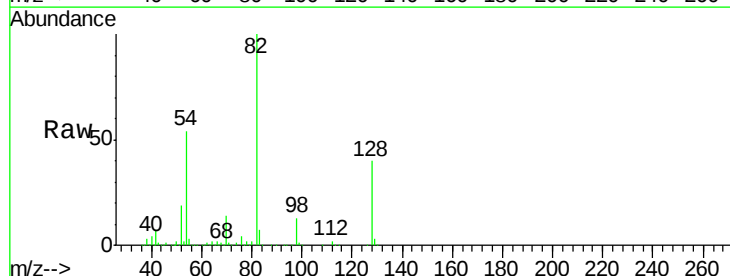
Instrument :
BNA_G
ClientSampleId :
CDMP-WC1

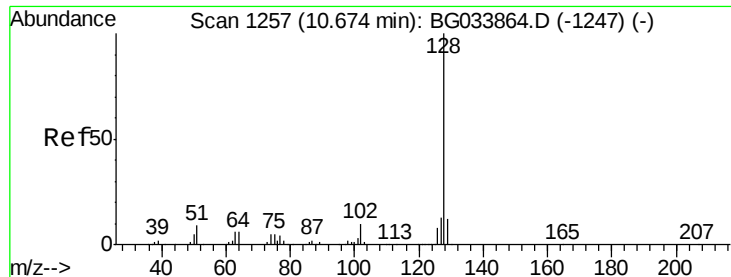
Tot Ion:136	Resp:	341025
Ion Ratio	Lower	Upper
136	100	
137	12.0	9.2 13.8
54	9.4	10.3 15.5
68	6.5	4.5 6.7



#23
Nitrobenzene-d5
Concen: 112.352 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG033882.D
Acq: 20 Apr 2018 12:31

Tgt Ion: 82	Resp:	673255
Ion Ratio	Lower	Upper
82	100	
128	39.8	29.7 44.5
54	53.9	43.1 64.7





#31

Naphthalene

Concen: 3.271 ng

RT: 10.67 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BG033882.D

Acq: 20 Apr 2018 12:31

Instrument :

BNA_G

ClientSampleId :

CDMP-WC1

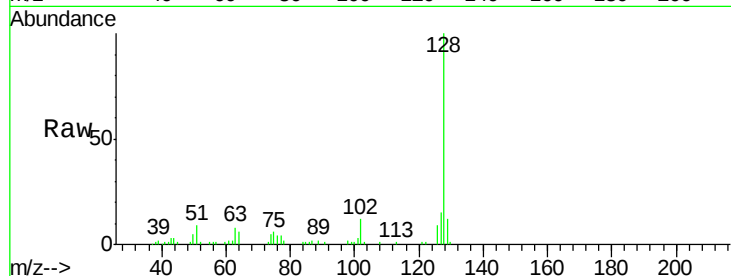
Tot Ion:128 Resp: 57366

Ion Ratio Lower Upper

128 100

129 12.3 8.6 12.8

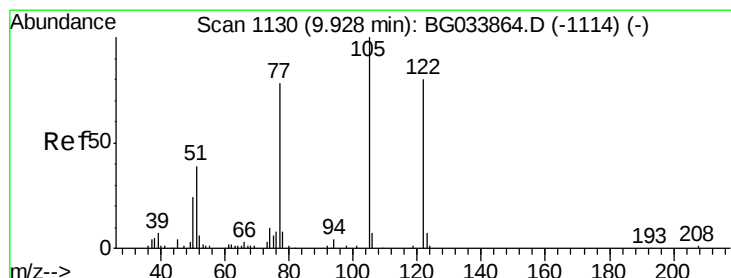
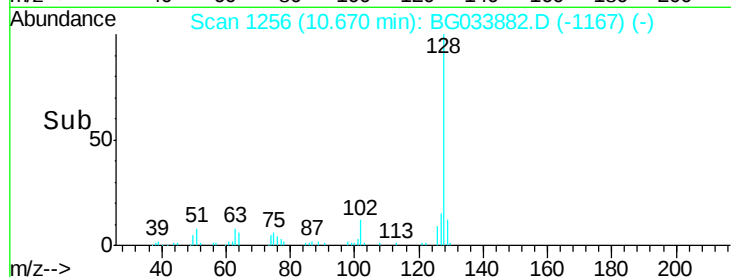
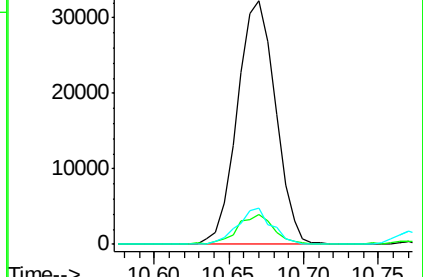
127 15.0 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 5.115 ng

RT: 9.91 min Scan# 1127

Delta R.T. -0.02 min

Lab File: BG033882.D

Acq: 20 Apr 2018 12:31

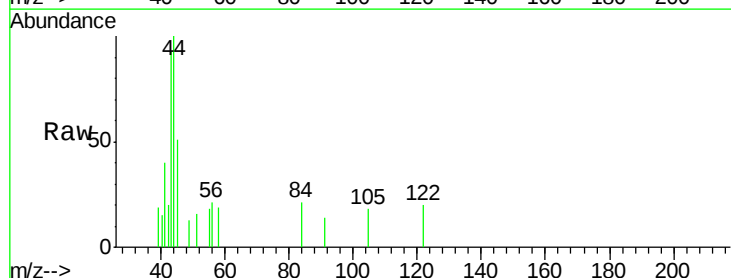
Tgt Ion:122 Resp: 166

Ion Ratio Lower Upper

122 100

105 90.3 123.5 163.5#

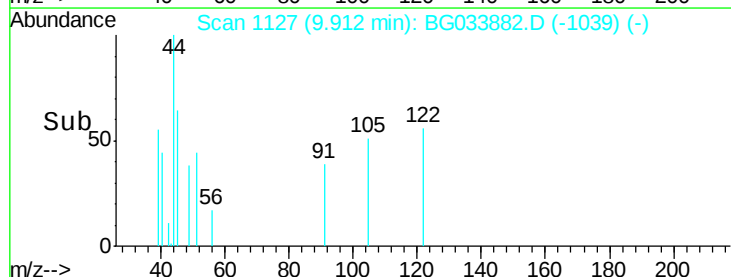
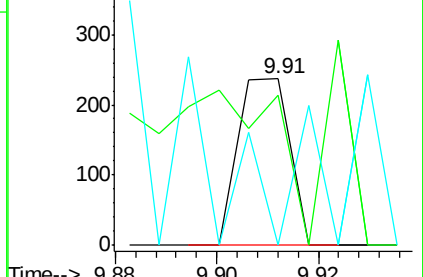
77 0.0 85.7 125.7#

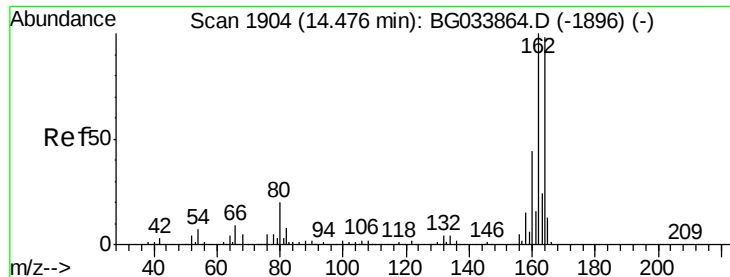


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

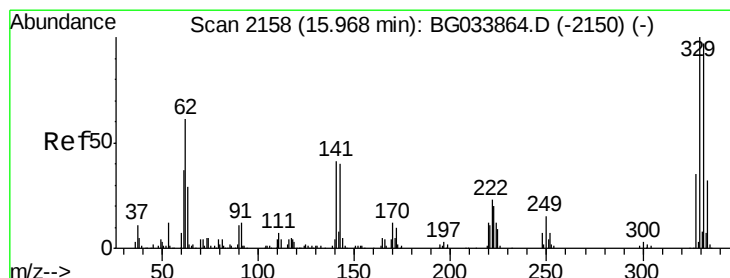
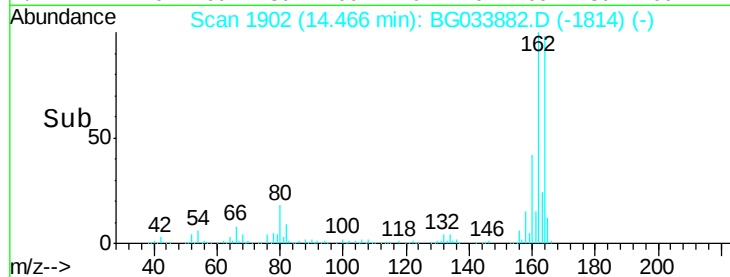
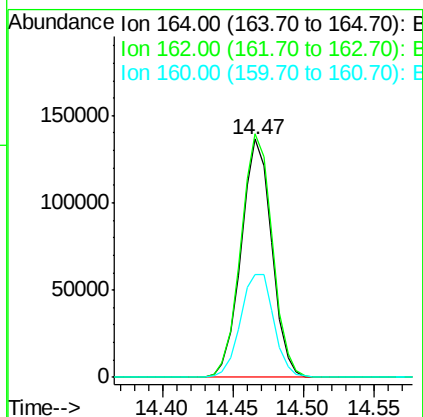
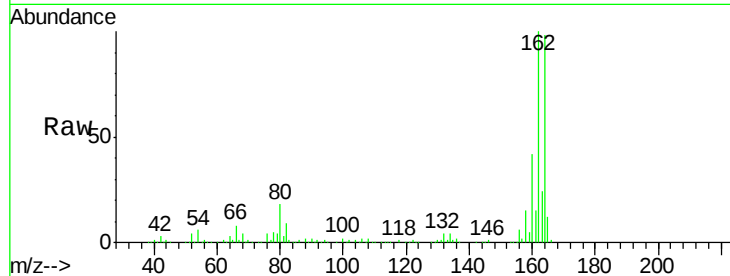




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.47 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BG033882.D
 Acq: 20 Apr 2018 12:31

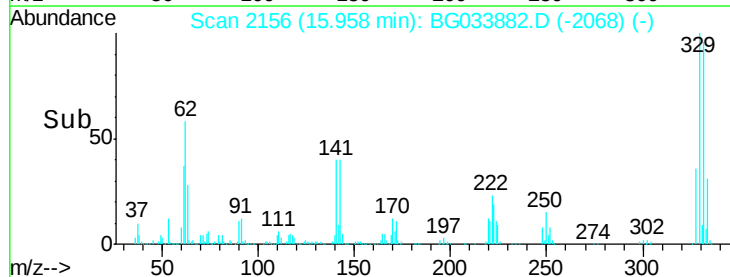
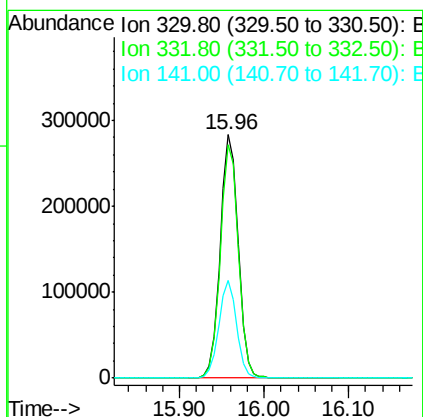
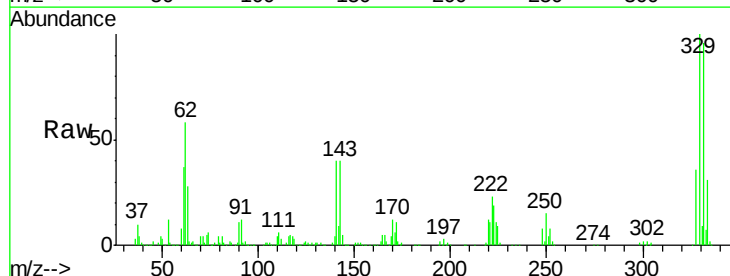
Instrument :
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 CDMF-WC1

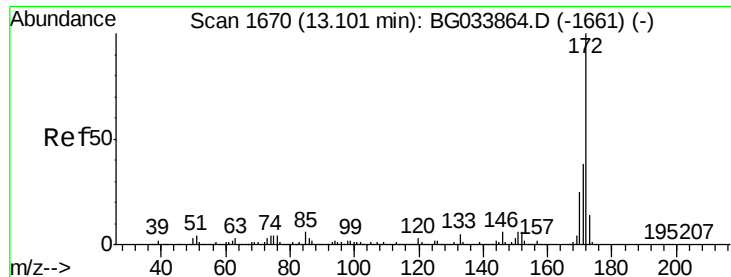
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	78.8	118.2
160	43.0	35.4	53.0



#41
 2,4,6-Tribromophenol
 Concen: 174.546 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033882.D
 Acq: 20 Apr 2018 12:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	39.8	25.2	37.8#

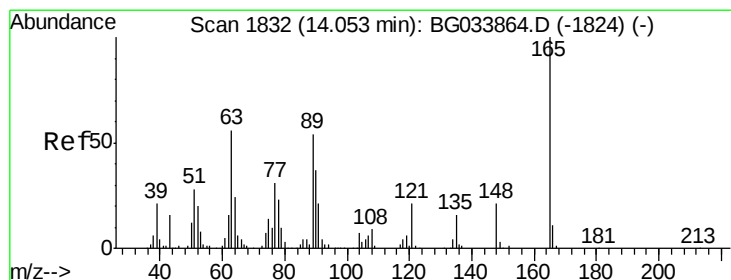
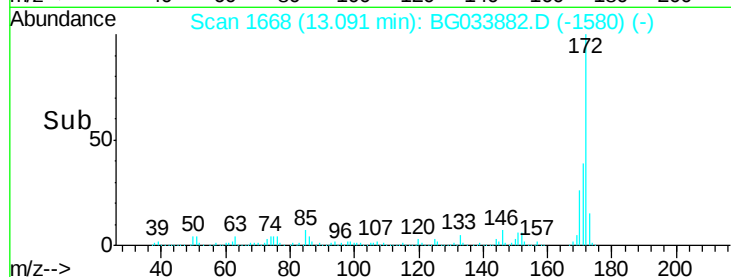
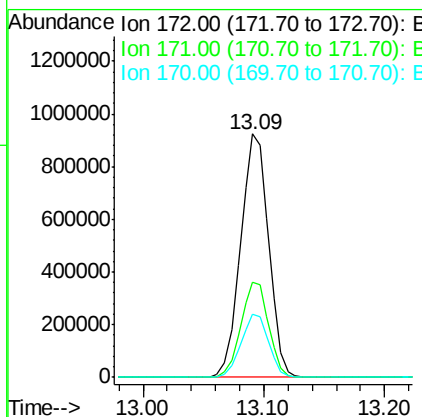
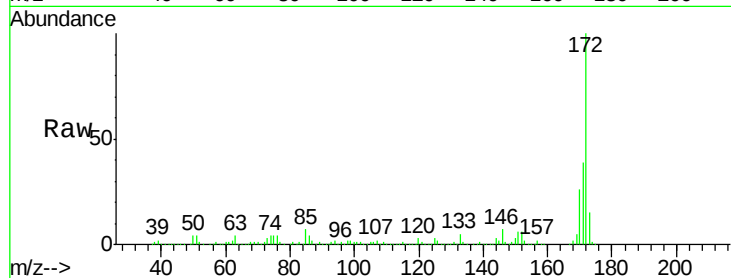




#44
2-Fluorobiphenyl
Concen: 105.533 ng
RT: 13.09 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BG033882.D
Acq: 20 Apr 2018 12:31

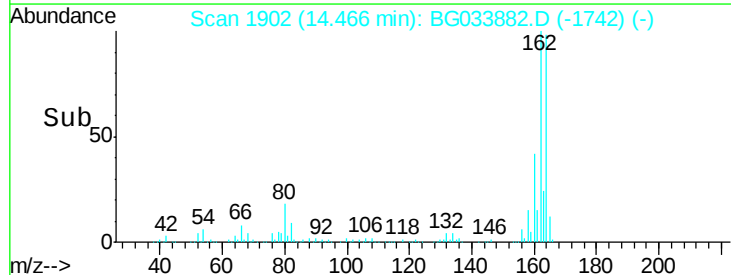
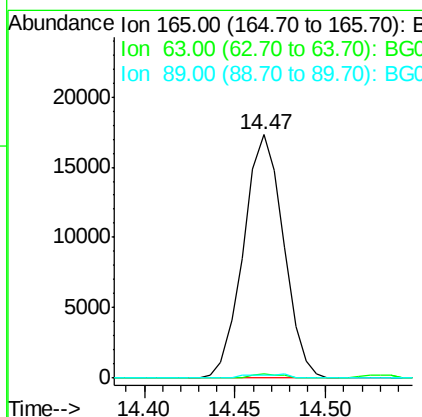
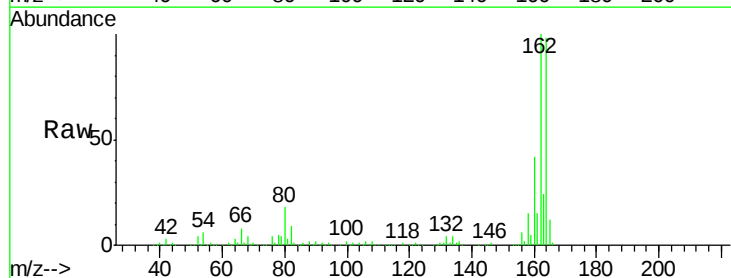
Instrument :
BNA_G
ClientSampleId :
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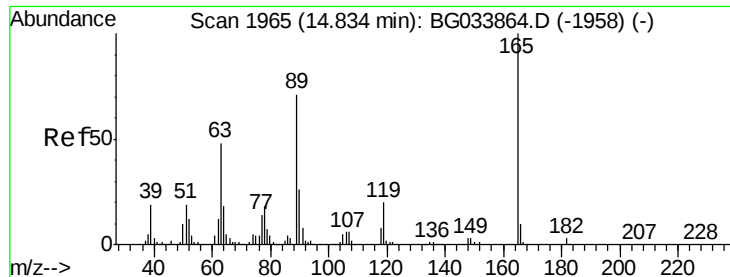
Tot Ion:172 Resp: 1488668
Ion Ratio Lower Upper
172 100
171 39.3 30.0 45.0
170 26.0 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 7.707 ng
RT: 14.47 min Scan# 1902
Delta R.T. 0.41 min
Lab File: BG033882.D
Acq: 20 Apr 2018 12:31

Tgt Ion:165 Resp: 26622
Ion Ratio Lower Upper
165 100
63 1.7 52.7 79.1#
89 1.4 49.2 73.8#

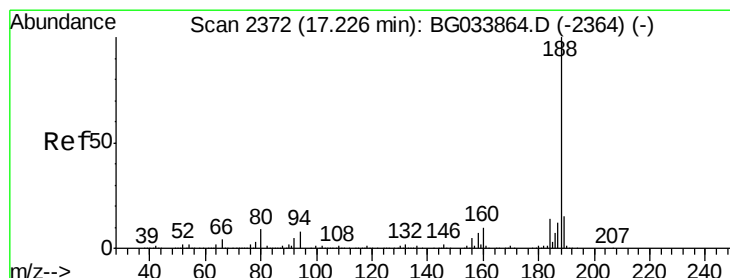
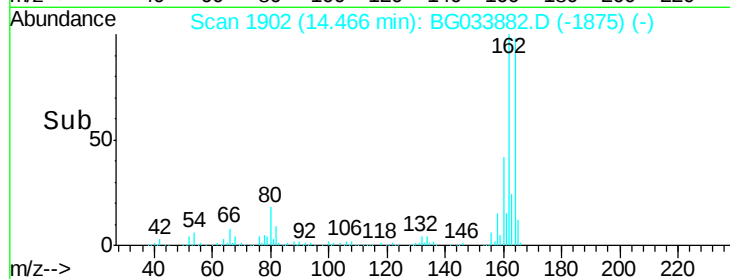
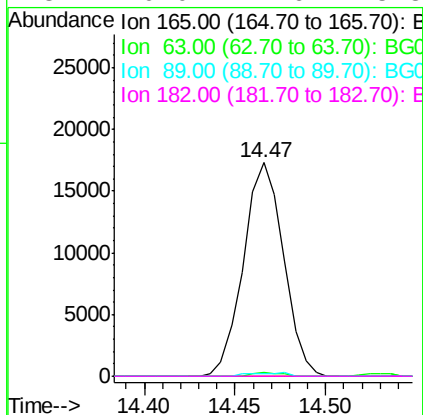
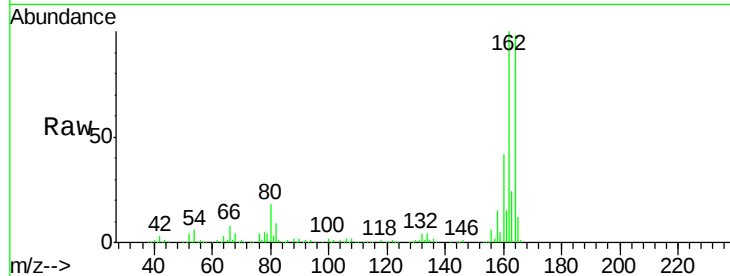




#56
2,4-Dinitrotoluene
Concen: 5.795 ng
RT: 14.47 min Scan# 1902
Delta R.T. -0.37 min
Lab File: BG033882.D
Acq: 20 Apr 2018 12:31

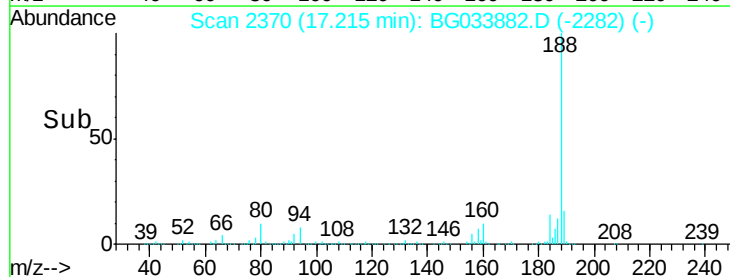
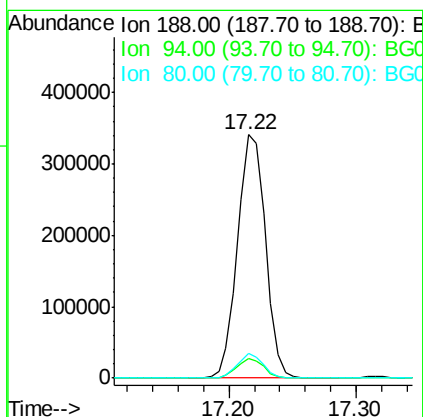
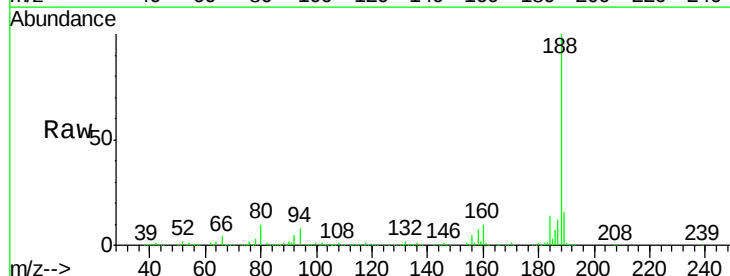
Instrument :
BNA_G
ClientSampleId :
CDMP-WC1

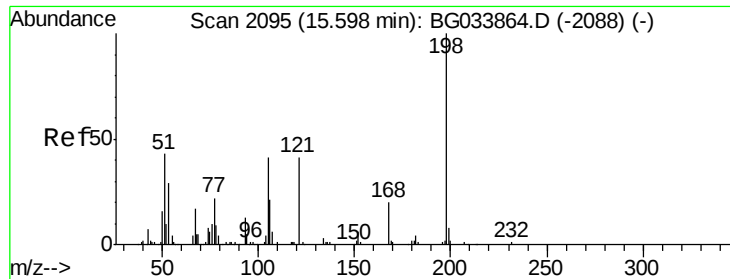
Tot Ion:165 Resp: 26622
Ion Ratio Lower Upper
165 100
63 1.7 42.0 63.0#
89 1.4 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BG033882.D
Acq: 20 Apr 2018 12:31

Tgt Ion:188 Resp: 518995
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 10.1 7.7 11.5

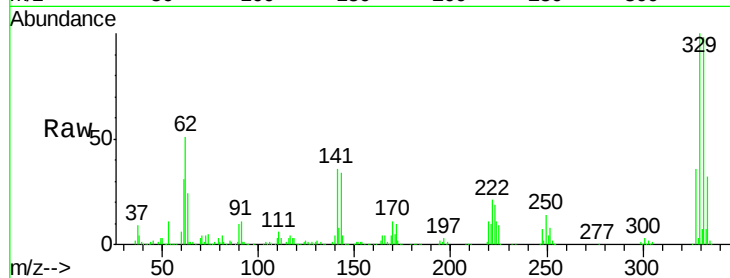




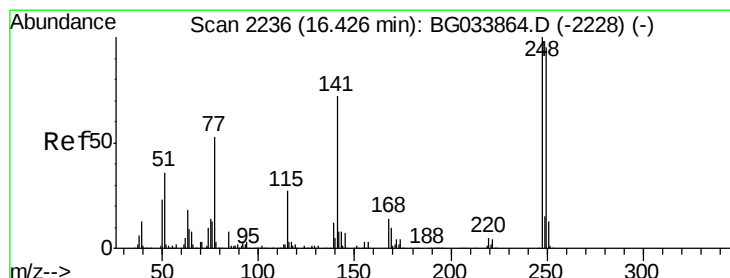
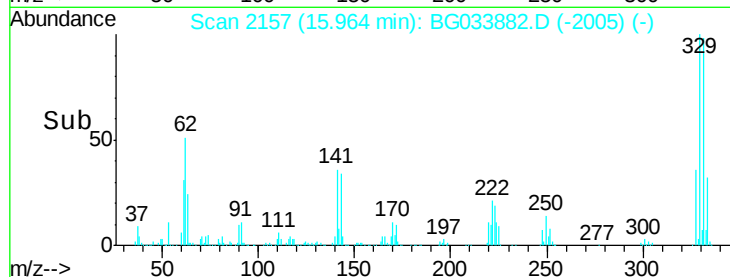
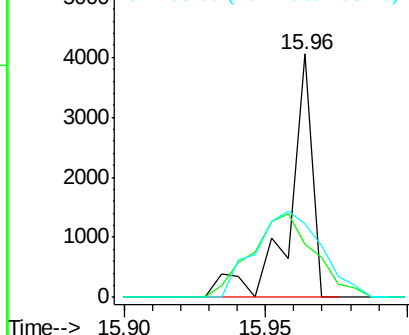
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.274 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. 0.37 min
 Lab File: BG033882.D
 Acq: 20 Apr 2018 12:31

Instrument :
 BNA_G
 ClientSampleId :
 CDMF-WC1

Tot Ion:198 Resp: 2269
 Ion Ratio Lower Upper
 198 100
 51 21.8 30.6 70.6#
 105 30.1 23.8 63.8

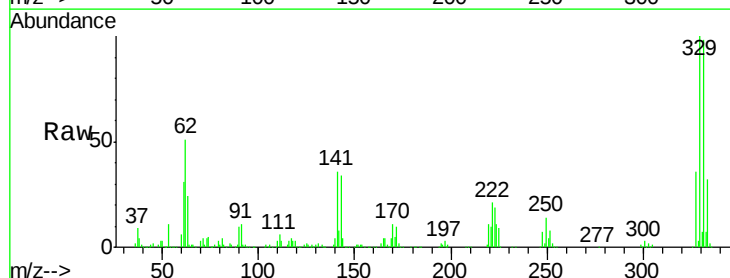


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

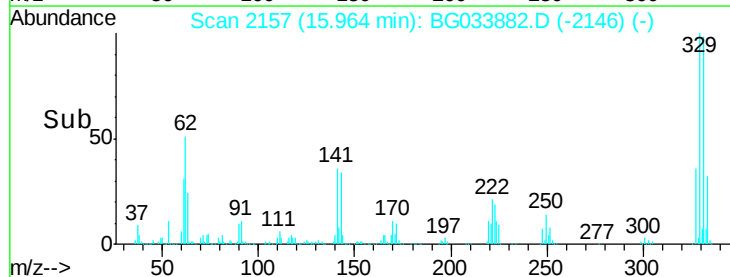
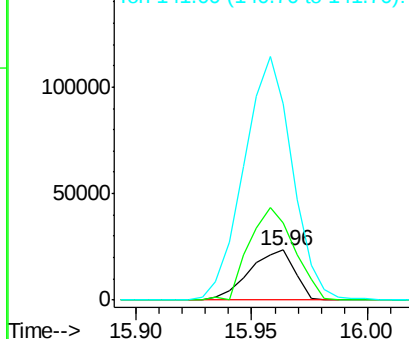


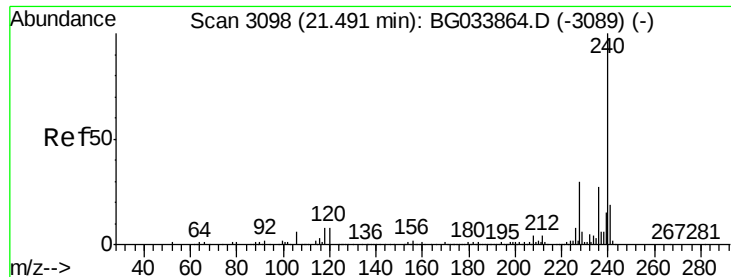
#66
 4-Bromophenyl-phenylether
 Concen: 5.667 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. -0.46 min
 Lab File: BG033882.D
 Acq: 20 Apr 2018 12:31

Tgt Ion:248 Resp: 32300
 Ion Ratio Lower Upper
 248 100
 250 197.4 77.1 115.7#
 141 390.9 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: 21.48 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BG033882.D

Acq: 20 Apr 2018 12:31

Instrument :

BNA_G

ClientSampleID :

CDMP-WC1

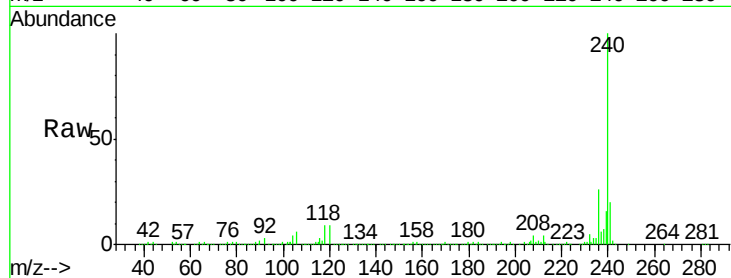
Tot Ion:240 Resp: 553180

Ion Ratio Lower Upper

240 100

120 9.1 6.8 10.2

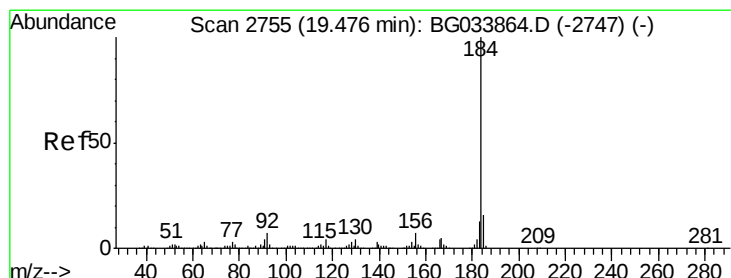
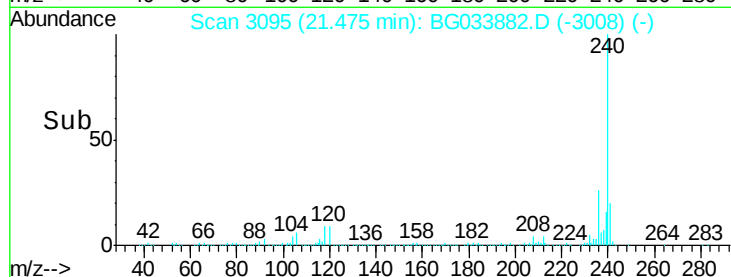
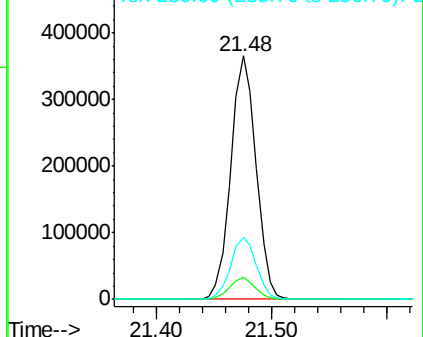
236 25.6 20.9 31.3



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



#76

Benzidine

Concen: 7.575 ng

RT: 19.47 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BG033882.D

Acq: 20 Apr 2018 12:31

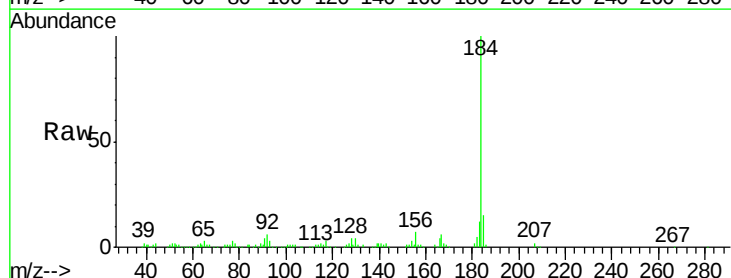
Tgt Ion:184 Resp: 113150

Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

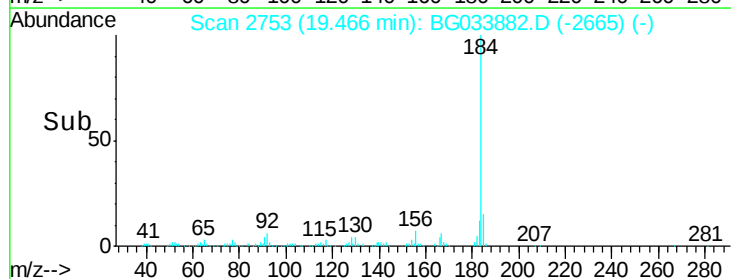
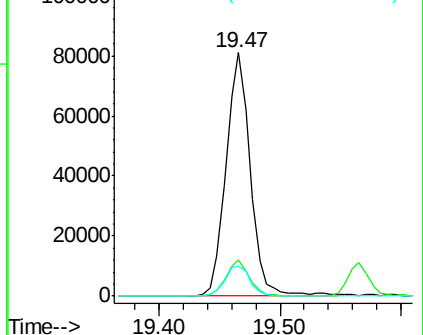
183 12.2 10.6 16.0

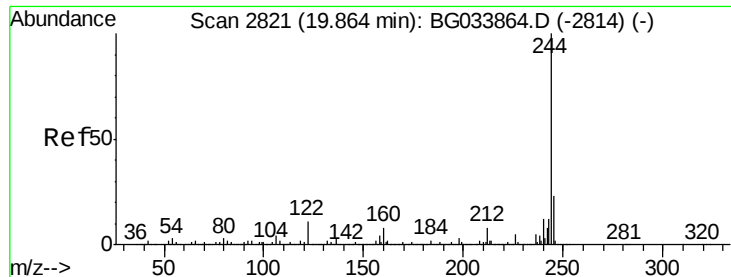


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

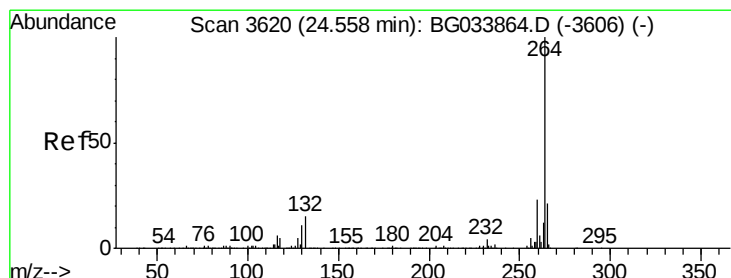
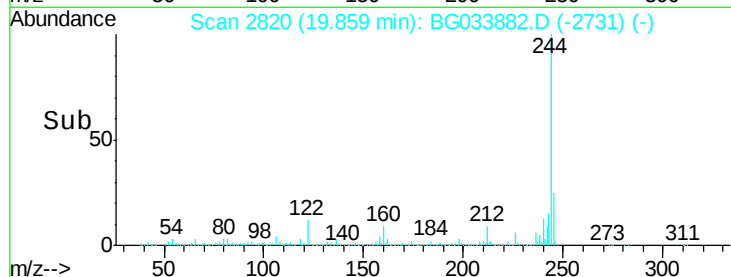
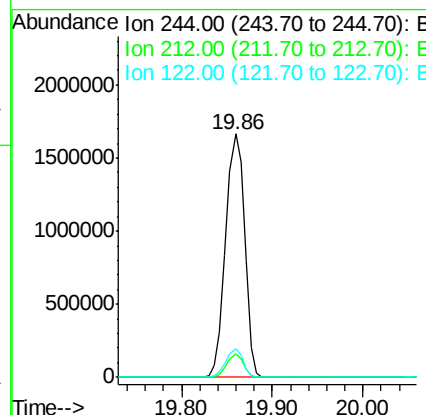
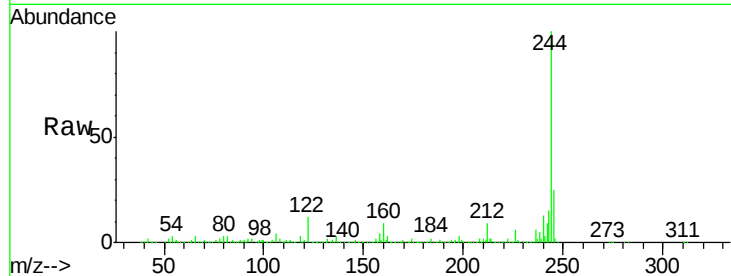




#78
 Terphenyl-d14
 Concen: 97.935 ng
 RT: 19.86 min Scan# 2820
 Delta R.T. -0.00 min
 Lab File: BG033882.D
 Acq: 20 Apr 2018 12:31

Instrument :
 BNA_G
 ClientSampleId :
 CDMF-WC1

Tot Ion:244 Resp: 2411430
 Ion Ratio Lower Upper
 244 100
 212 9.5 5.8 8.8#
 122 11.6 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: BG033882.D
 Acq: 20 Apr 2018 12:31

Tgt Ion:264 Resp: 557400
 Ion Ratio Lower Upper
 264 100
 260 22.9 17.4 26.0
 265 21.3 17.7 26.5

