

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033887.D
 Acq On : 20 Apr 2018 15:40
 Operator : SJ/JU
 Sample : J2460-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDP-B-2-18-20

Quant Time: Apr 21 05:14:26 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

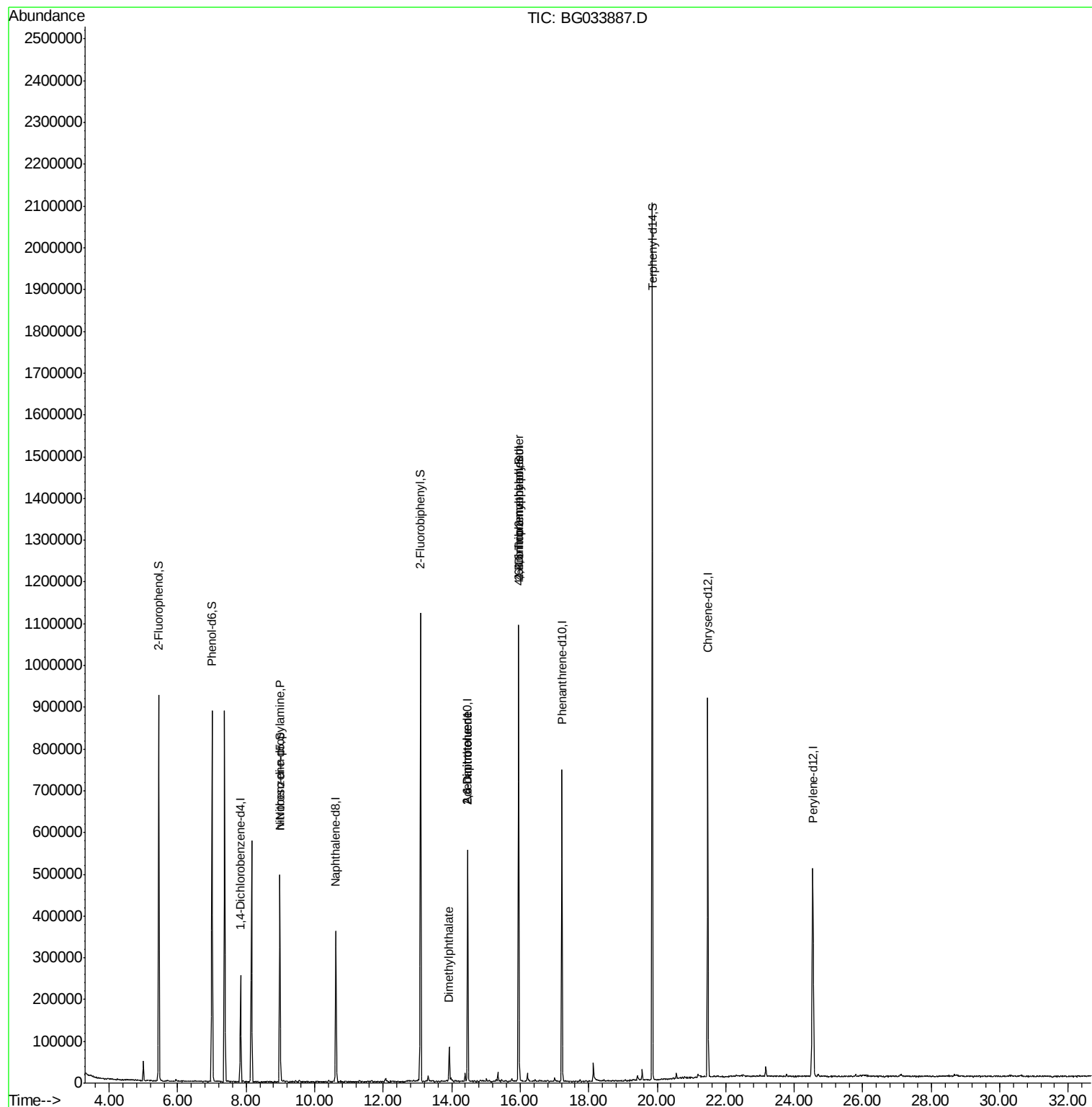
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	70884	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	296845	20.00	ng	-0.01
38) Acenaphthene-d10	14.47	164	185434	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	465402	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	513225	20.00	ng	-0.02
86) Perylene-d12	24.54	264	514034	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	381534	85.93	ng	0.00
7) Phenol-d6	7.00	99	498797	77.02	ng	0.00
23) Nitrobenzene-d5	8.98	82	289046	55.41	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	190985	88.28	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	578307	45.81	ng	-0.01
78) Terphenyl-d14	19.85	244	1003430	43.92	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.00	77	1387	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propylamine	8.98	70	39848	7.219 ng	#	77
49) Dimethylphthalate	13.92	163	56161	3.443 ng	#	99
50) 2,6-Dinitrotoluene	14.47	165	25208	8.155 ng	#	19
56) 2,4-Dinitrotoluene	14.47	165	25208	6.132 ng	#	17
64) 4,6-Dinitro-2-methylphenol	15.95	198	118	6.535 ng	#	65
66) 4-Bromophenyl-phenylether	15.96	248	11723	2.294 ng	#	1

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
Data File : BG033887.D
Acq On : 20 Apr 2018 15:40
Operator : SJ/JU
Sample : J2460-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDP-B-2-18-20

Quant Time: Apr 21 05:14:26 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



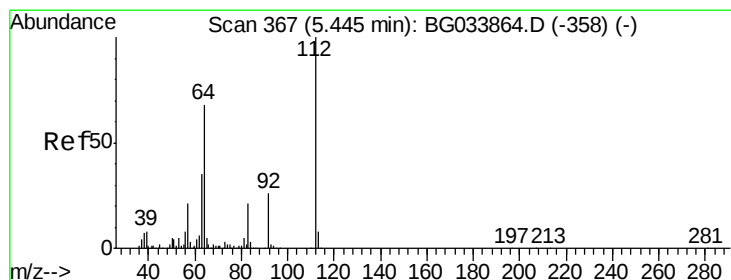
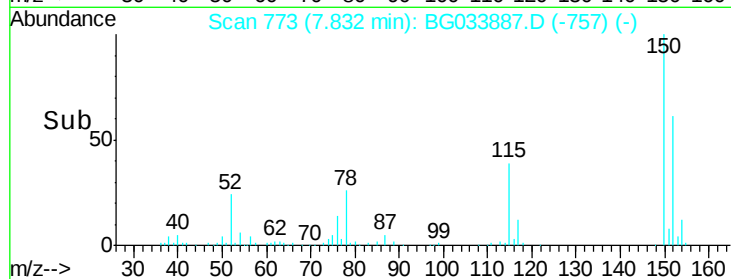
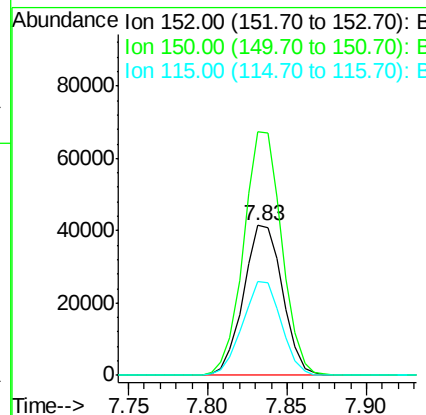
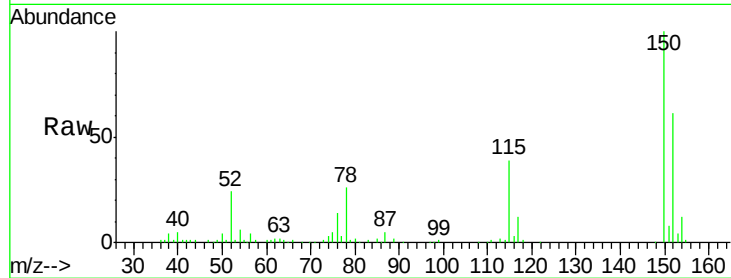


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.83 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BG033887.D
 Acq: 20 Apr 2018 15:40

Instrument :
 BNA_G
 ClientSampleId :
 MDP-B-2-18-20

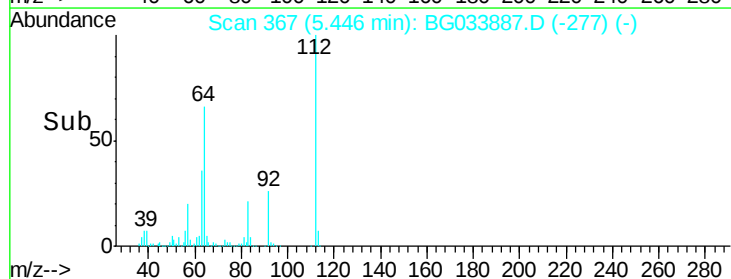
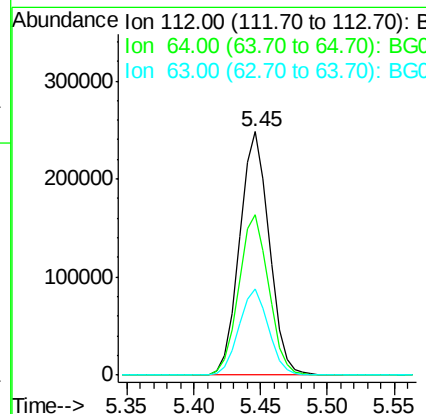
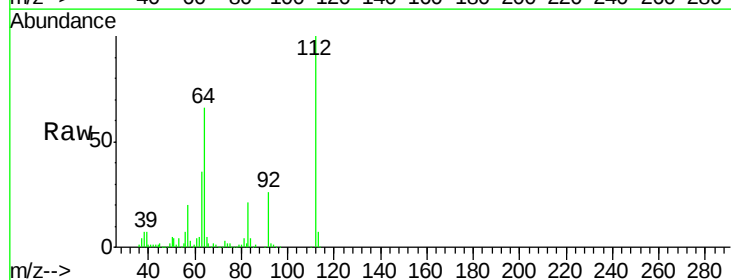
Tot Ion:152 Resp: 70884
 Ion Ratio Lower Upper
 152 100
 150 162.7 126.6 189.8
 115 63.0 53.0 79.4

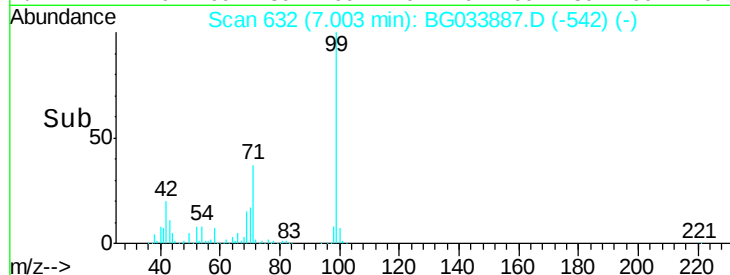
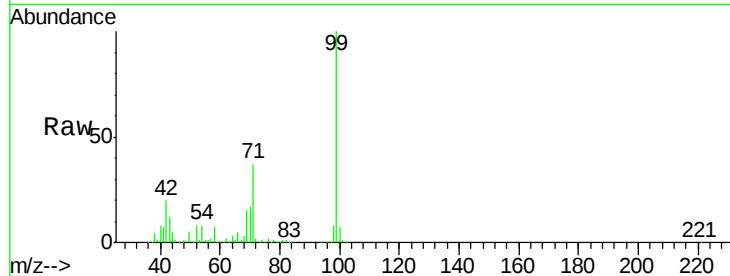
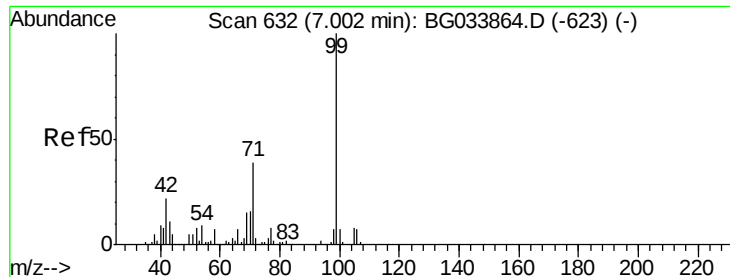


#5

2-Fluorophenol
 Concen: 85.934 ng
 RT: 5.45 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: BG033887.D
 Acq: 20 Apr 2018 15:40

Tgt Ion:112 Resp: 381534
 Ion Ratio Lower Upper
 112 100
 64 66.1 56.3 84.5
 63 35.6 30.1 45.1





#7

Phenol-d6

Concen: 77.025 ng

RT: 7.00 min Scan# 632

Delta R.T. 0.00 min

Lab File: BG033887.D

Acq: 20 Apr 2018 15:40

Instrument :

BNA_G

ClientSampleId :

MDP-B-2-18-20

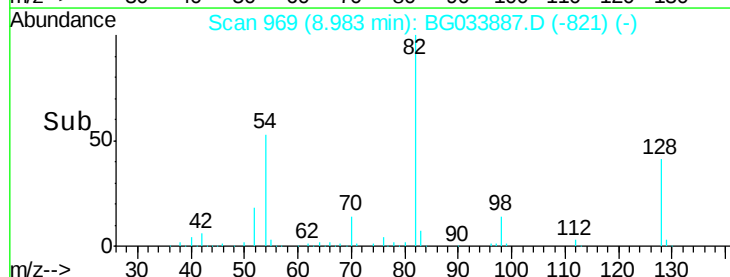
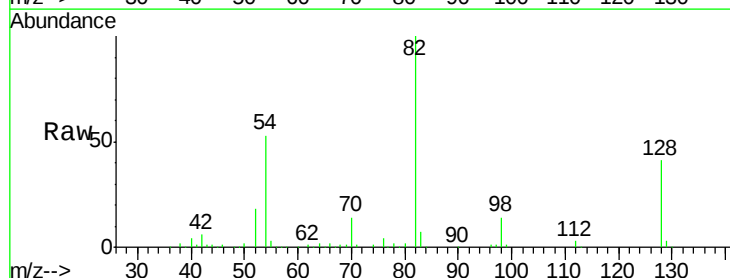
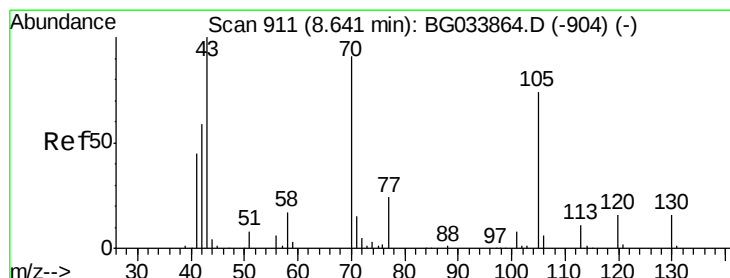
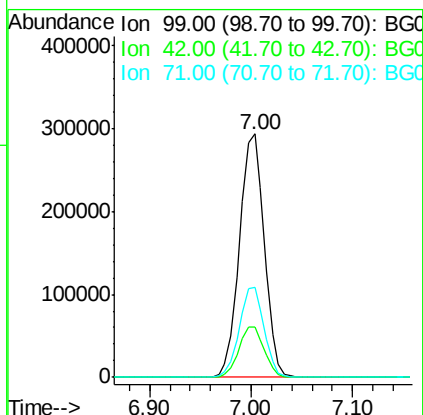
Tot Ion: 99 Resp: 498797

Ion Ratio Lower Upper

99 100

42 20.4 14.1 21.1

71 37.1 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 7.219 ng

RT: 8.98 min Scan# 969

Delta R.T. 0.34 min

Lab File: BG033887.D

Acq: 20 Apr 2018 15:40

Tgt Ion: 70 Resp: 39848

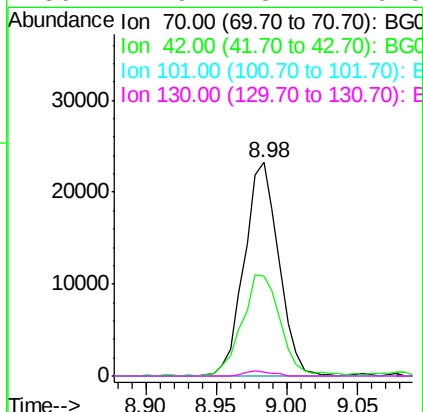
Ion Ratio Lower Upper

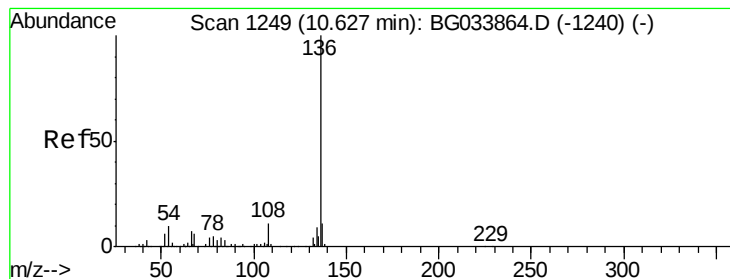
70 100

42 46.6 49.1 73.7#

101 0.0 8.5 12.7#

130 1.9 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: BG033887.D

Acq: 20 Apr 2018 15:40

Instrument :

BNA_G

ClientSampleId :

MDP-B-2-18-20

Tot Ion:136 Resp: 296845

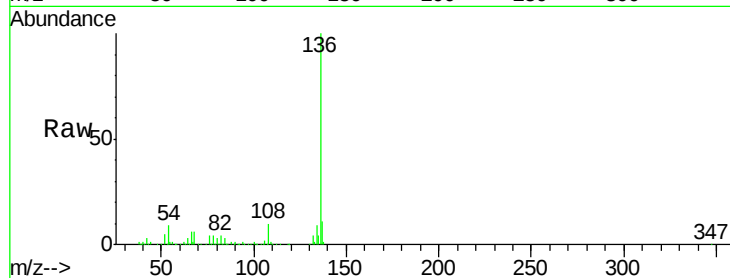
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 10.0 10.3 15.5#

68 5.8 4.5 6.7

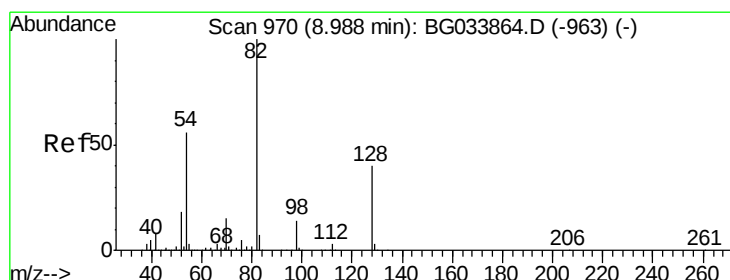
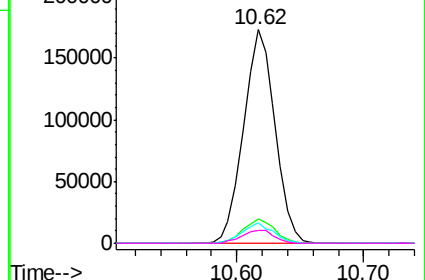
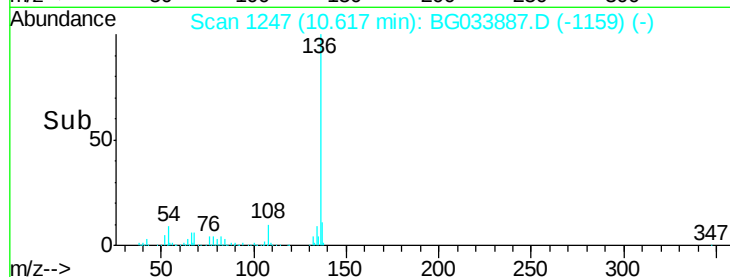


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.414 ng

RT: 8.98 min Scan# 969

Delta R.T. -0.00 min

Lab File: BG033887.D

Acq: 20 Apr 2018 15:40

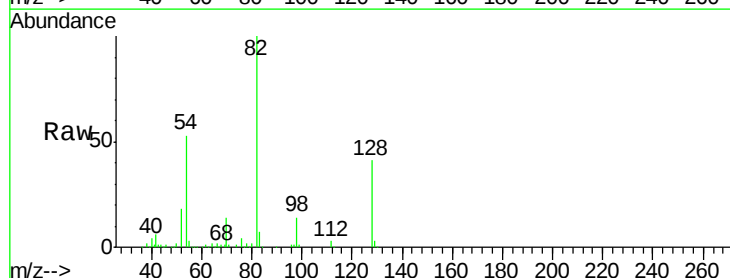
Tgt Ion: 82 Resp: 289046

Ion Ratio Lower Upper

82 100

128 41.4 29.7 44.5

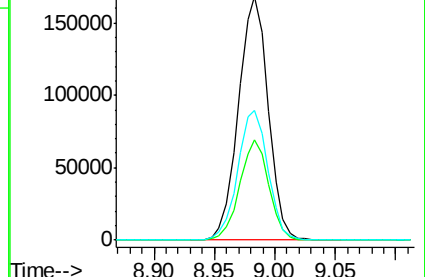
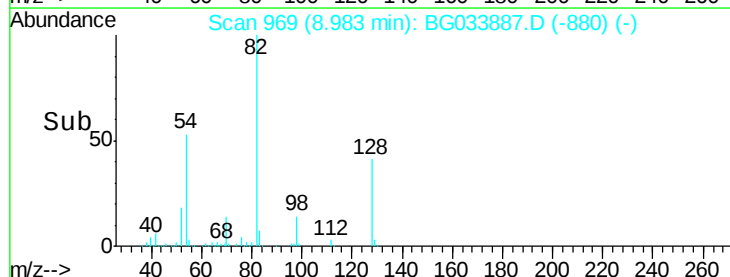
54 53.4 43.1 64.7

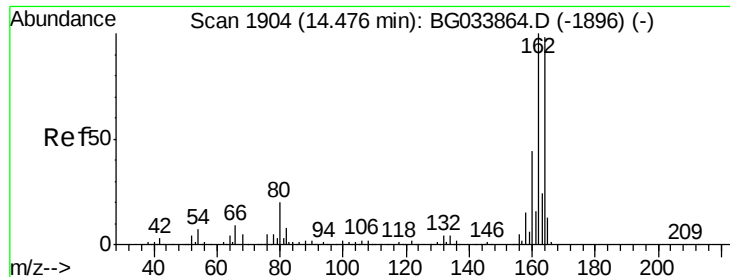


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.47 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BG033887.D

Acq: 20 Apr 2018 15:40

Instrument :

BNA_G

ClientSampleId :

MDP-B-2-18-20

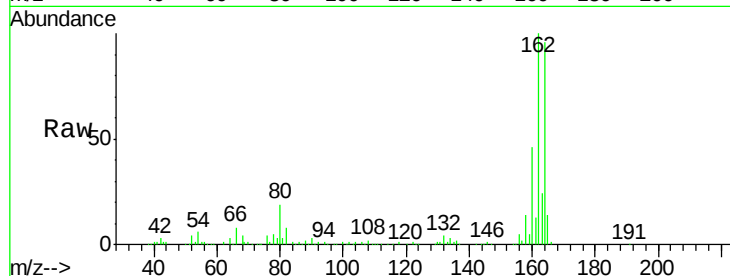
Tot Ion:164 Resp: 185434

Ion Ratio Lower Upper

164 100

162 104.0 78.8 118.2

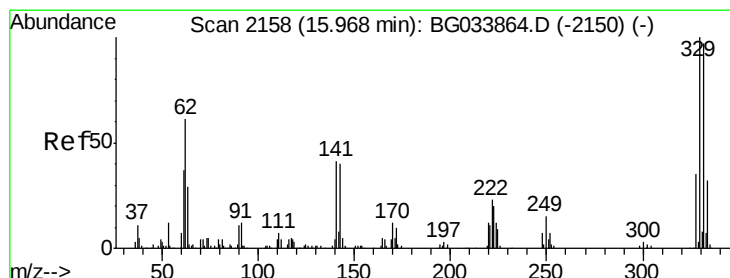
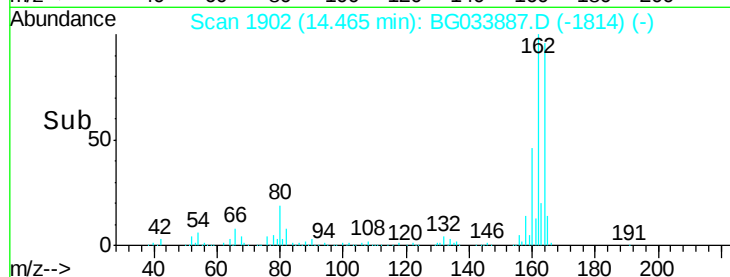
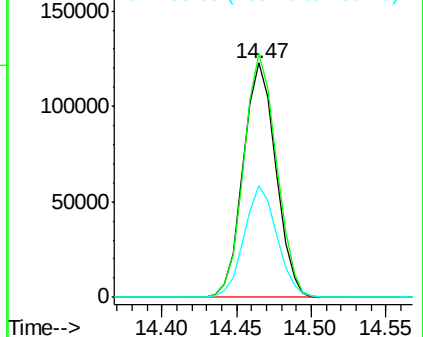
160 47.6 35.4 53.0



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: 88.281 ng

RT: 15.96 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BG033887.D

Acq: 20 Apr 2018 15:40

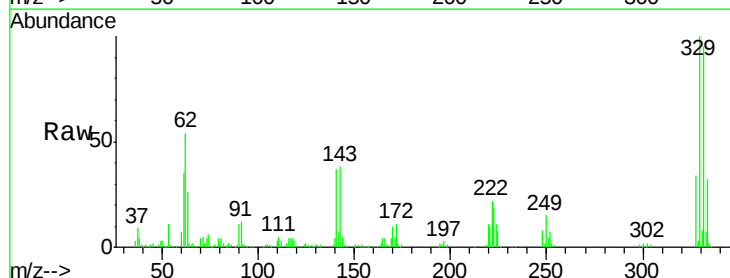
Tgt Ion:330 Resp: 190985

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

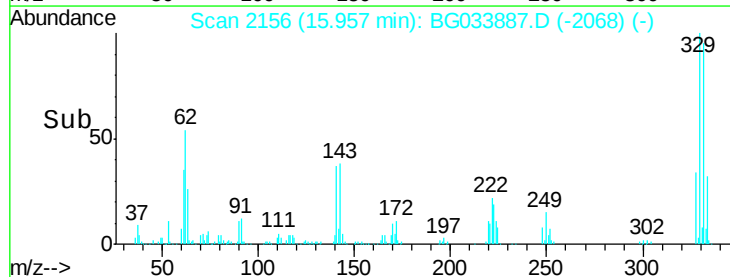
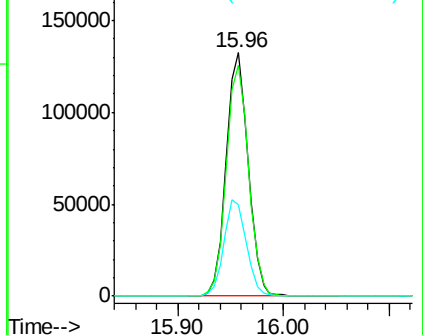
141 40.5 25.2 37.8#

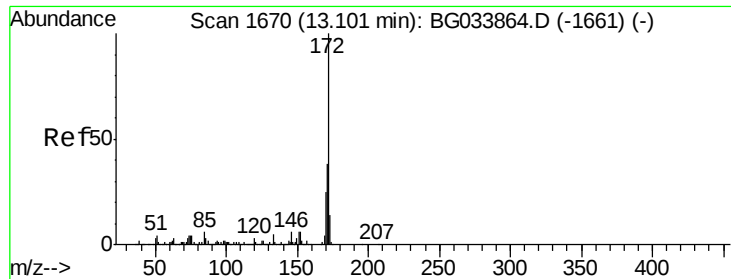


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

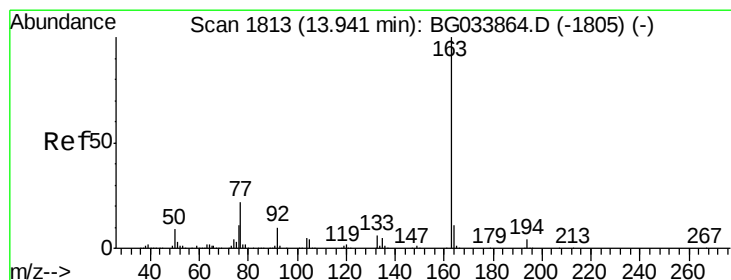
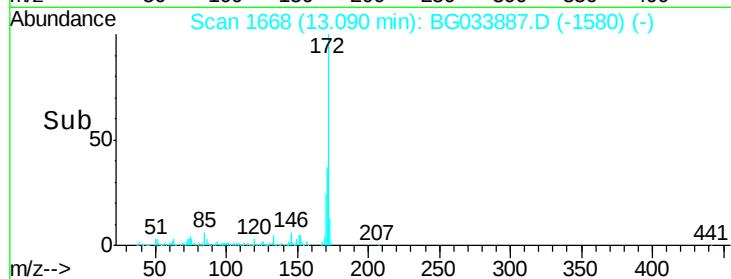
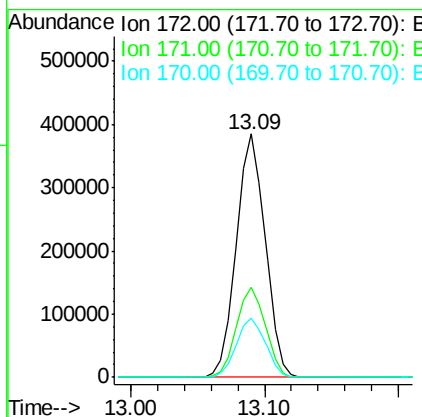
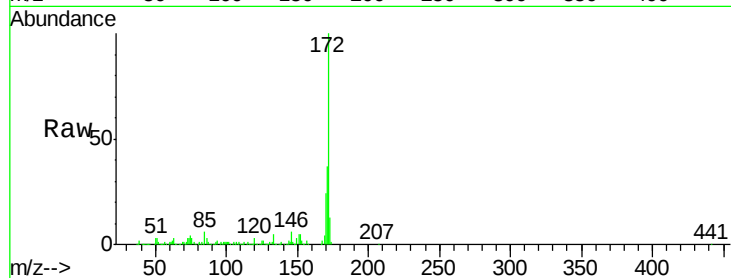




#44
2-Fluorobiphenyl
Concen: 45.814 ng
RT: 13.09 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BG033887.D
Acq: 20 Apr 2018 15:40

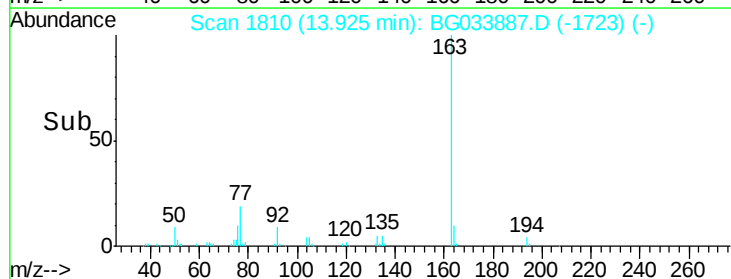
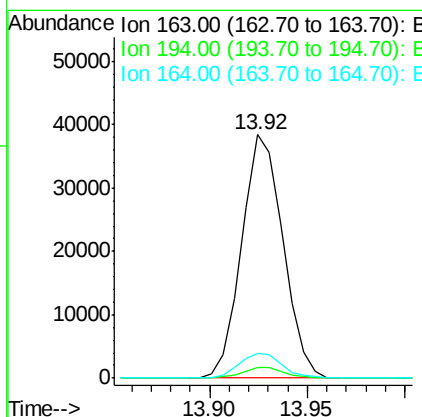
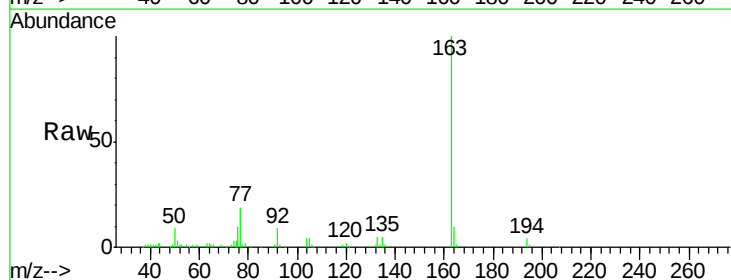
Instrument :
BNA_G
ClientSampleId :
MDP-B-2-18-20

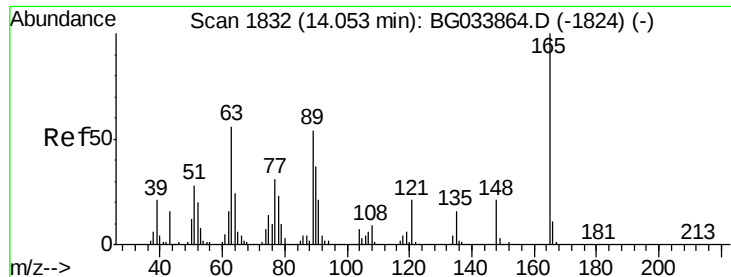
Tot Ion:172 Resp: 578307
Ion Ratio Lower Upper
172 100
171 37.0 30.0 45.0
170 24.2 19.5 29.3



#49
Dimethylphthalate
Concen: 3.443 ng
RT: 13.92 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BG033887.D
Acq: 20 Apr 2018 15:40

Tgt Ion:163 Resp: 56161
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.0 8.2 12.4

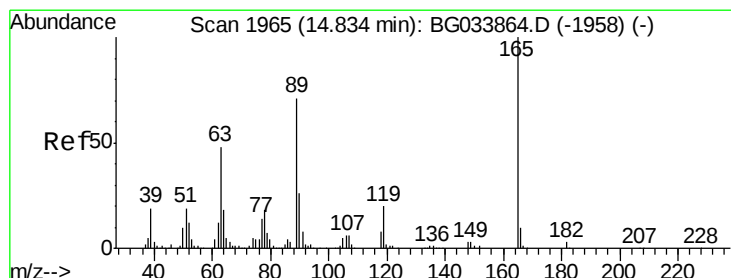
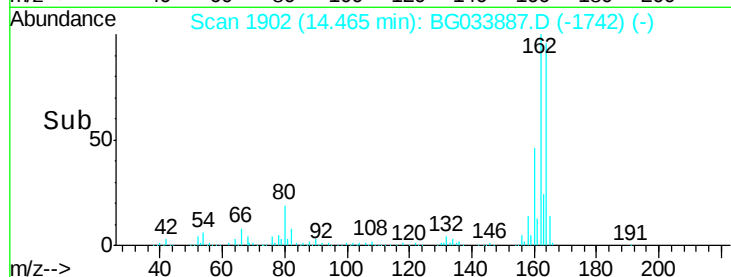
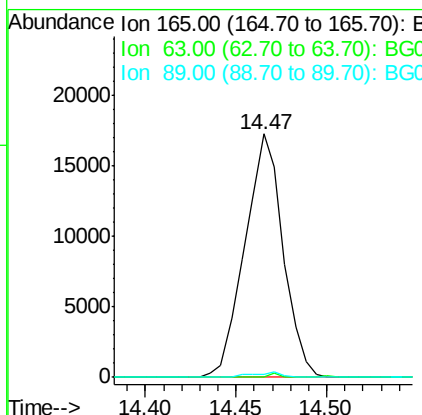
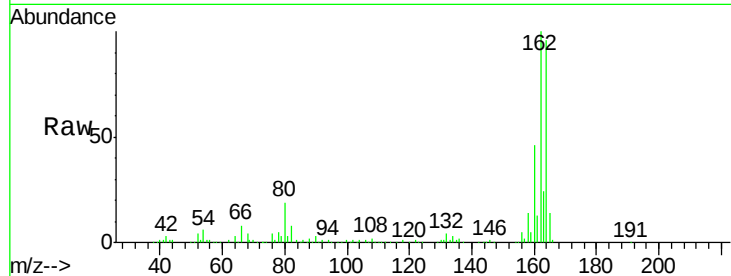




#50
 2,6-Dinitrotoluene
 Concen: 8.155 ng
 RT: 14.47 min Scan# 1902
 Delta R.T. 0.41 min
 Lab File: BG033887.D
 Acq: 20 Apr 2018 15:40

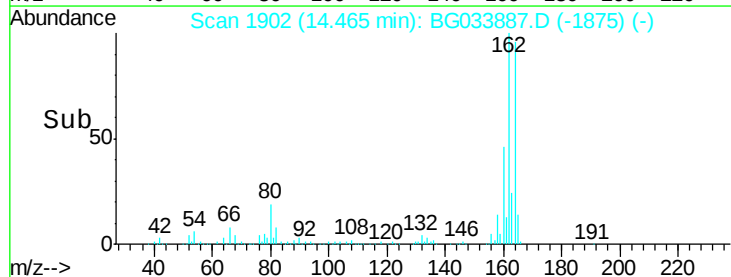
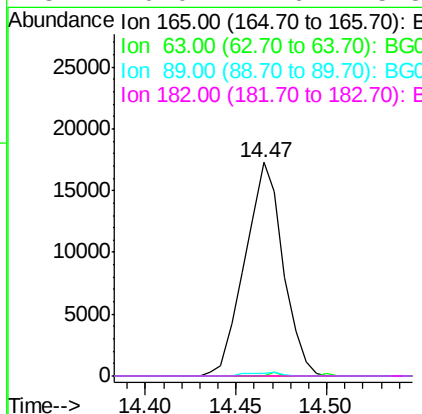
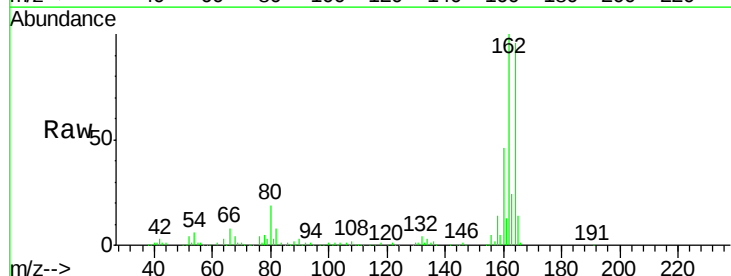
Instrument :
 BNA_G
 ClientSampleId :
 MDP-B-2-18-20

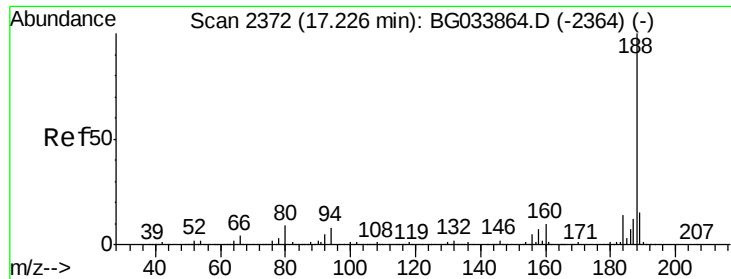
Tot Ion:165 Resp: 25208
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 1.1 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.132 ng
 RT: 14.47 min Scan# 1902
 Delta R.T. -0.37 min
 Lab File: BG033887.D
 Acq: 20 Apr 2018 15:40

Tgt Ion:165 Resp: 25208
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 1.1 66.9 100.3#
 182 0.0 2.6 3.8#

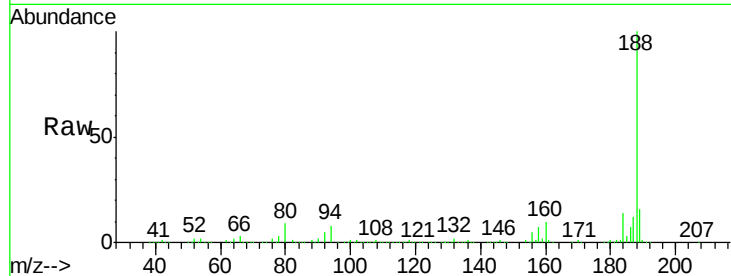




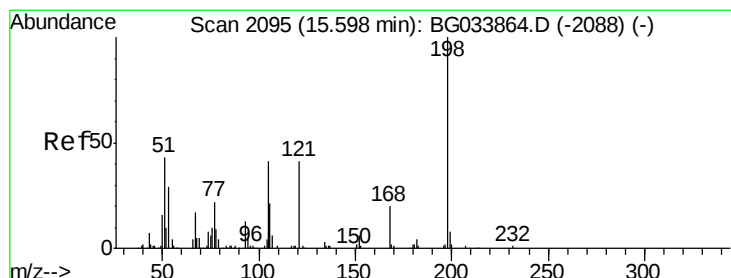
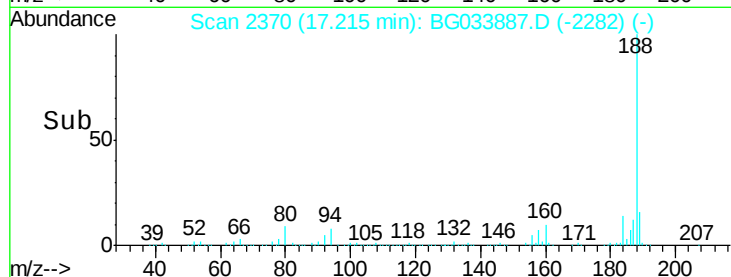
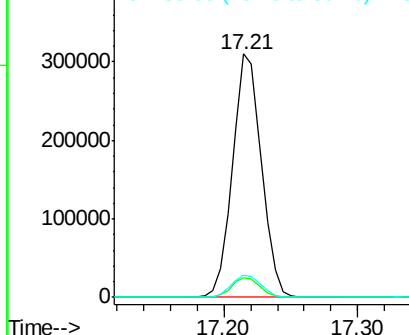
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BG033887.D
Acq: 20 Apr 2018 15:40

Instrument :
BNA_G
ClientSampleId :
MDP-B-2-18-20

Tot Ion:188 Resp: 465402
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.0 7.7 11.5

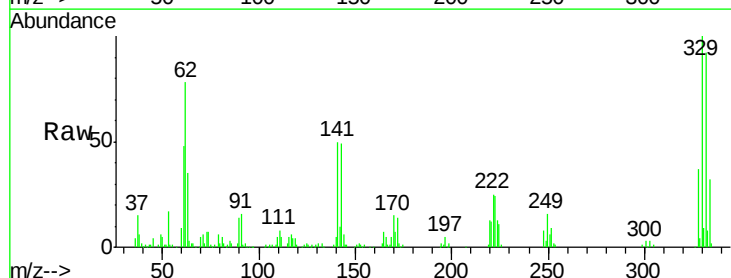


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

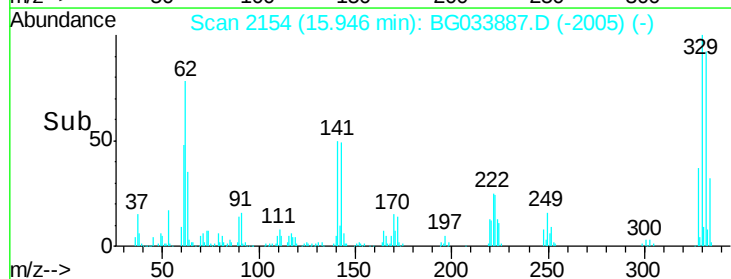
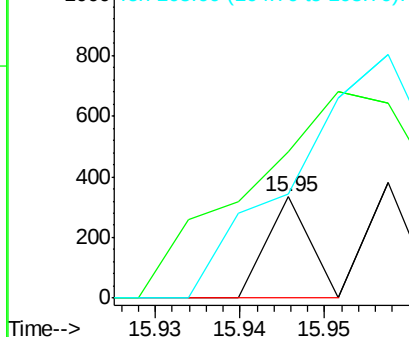


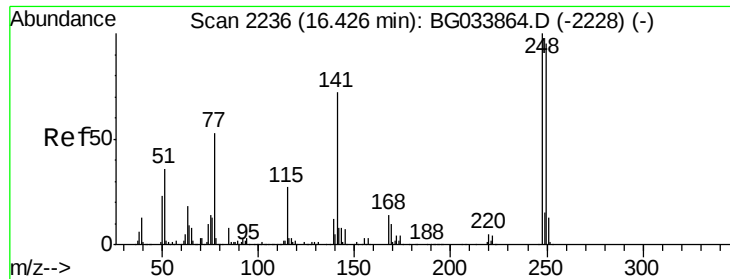
#64
4,6-Dinitro-2-methylphenol
Concen: 6.535 ng
RT: 15.95 min Scan# 2154
Delta R.T. 0.35 min
Lab File: BG033887.D
Acq: 20 Apr 2018 15:40

Tgt Ion:198 Resp: 118
Ion Ratio Lower Upper
198 100
51 27.6 30.6 70.6#
105 19.6 23.8 63.8#



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

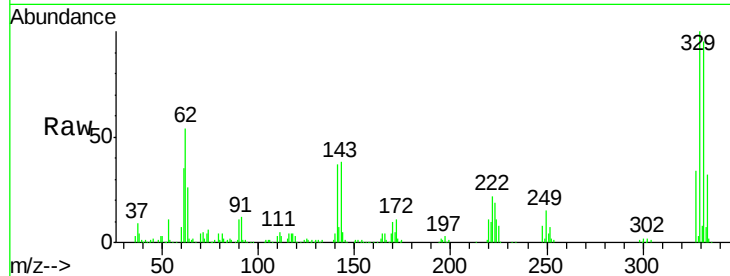




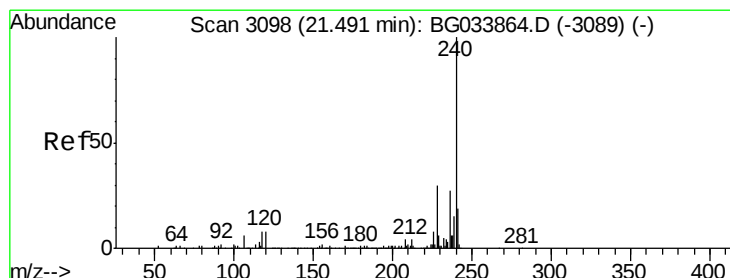
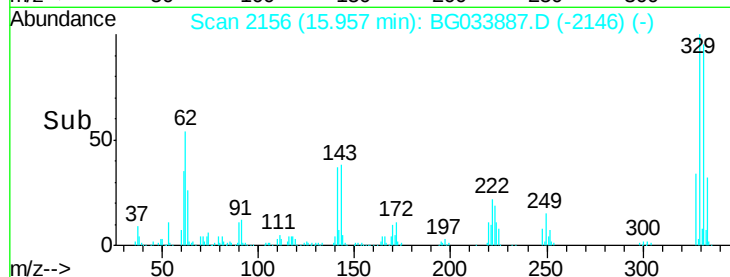
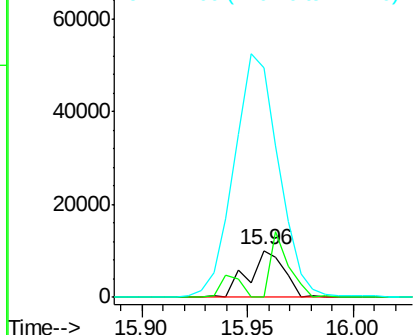
#66
4-Bromophenyl-phenylether
Concen: 2.294 ng
RT: 15.96 min Scan# 2156
Delta R.T. -0.47 min
Lab File: BG033887.D
Acq: 20 Apr 2018 15:40

Instrument :
BNA_G
ClientSampleId :
MDP-B-2-18-20

Tot Ion:248 Resp: 11723
Ion Ratio Lower Upper
248 100
250 43.2 77.1 115.7#
141 377.2 50.8 76.2#

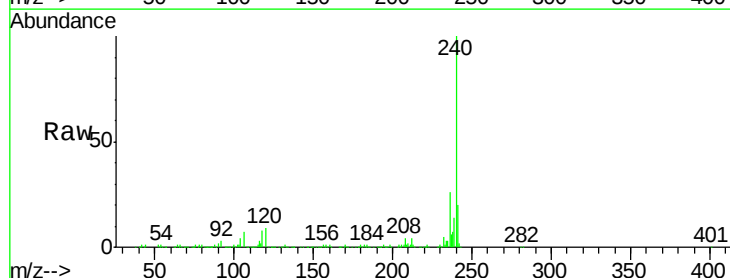


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

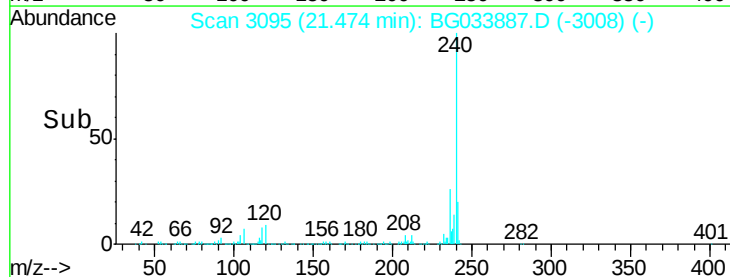
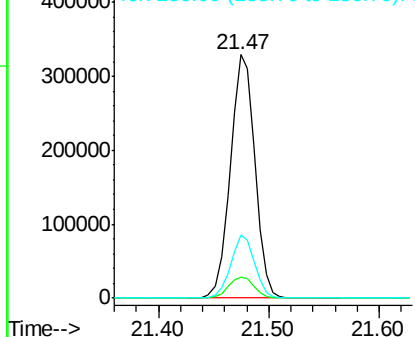


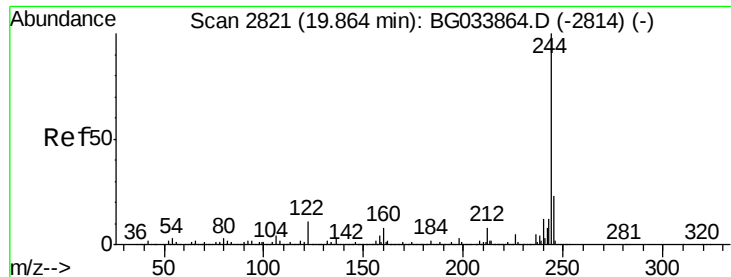
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BG033887.D
Acq: 20 Apr 2018 15:40

Tgt Ion:240 Resp: 513225
Ion Ratio Lower Upper
240 100
120 8.8 6.8 10.2
236 26.0 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: 43.925 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033887.D

Acq: 20 Apr 2018 15:40

Instrument :

BNA_G

ClientSampleId :

MDP-B-2-18-20

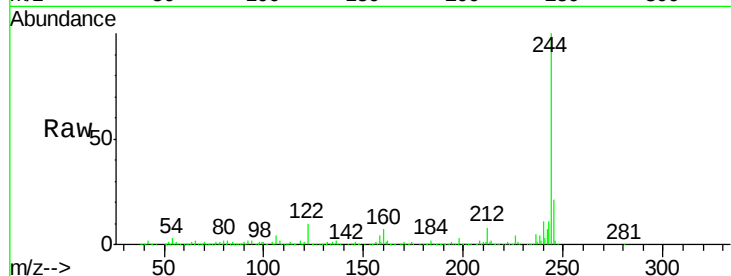
Tot Ion:244 Resp: 1003430

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

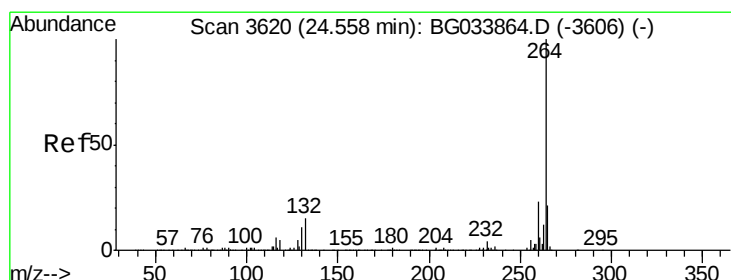
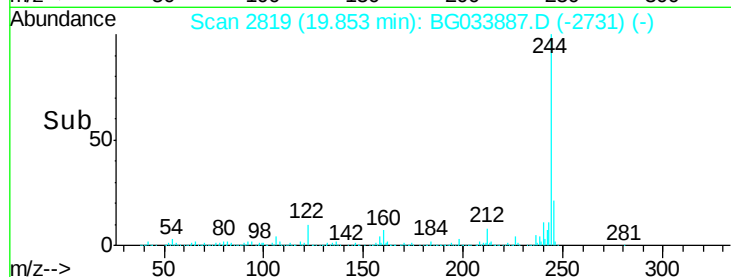
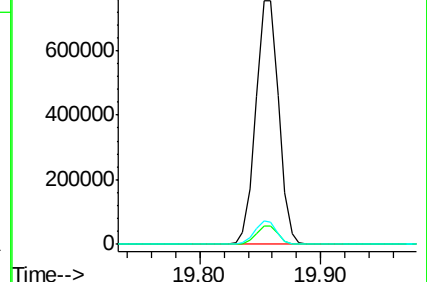
122 9.7 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.54 min Scan# 3617

Delta R.T. -0.02 min

Lab File: BG033887.D

Acq: 20 Apr 2018 15:40

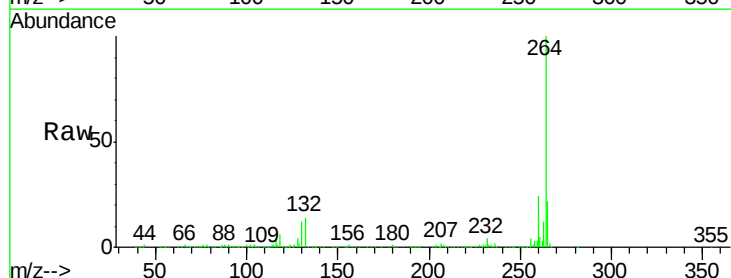
Tgt Ion:264 Resp: 514034

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 21.7 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

