

Data Path : U:\HPCHEM1\BNA G\DATA\BG020618\
 Data File : BG032587.D
 Acq On : 7 Feb 2018 6:49
 Operator : SJ/JU
 Sample : J1455-07
 Misc : MDL-W-8 ppm
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 07 07:35:30 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

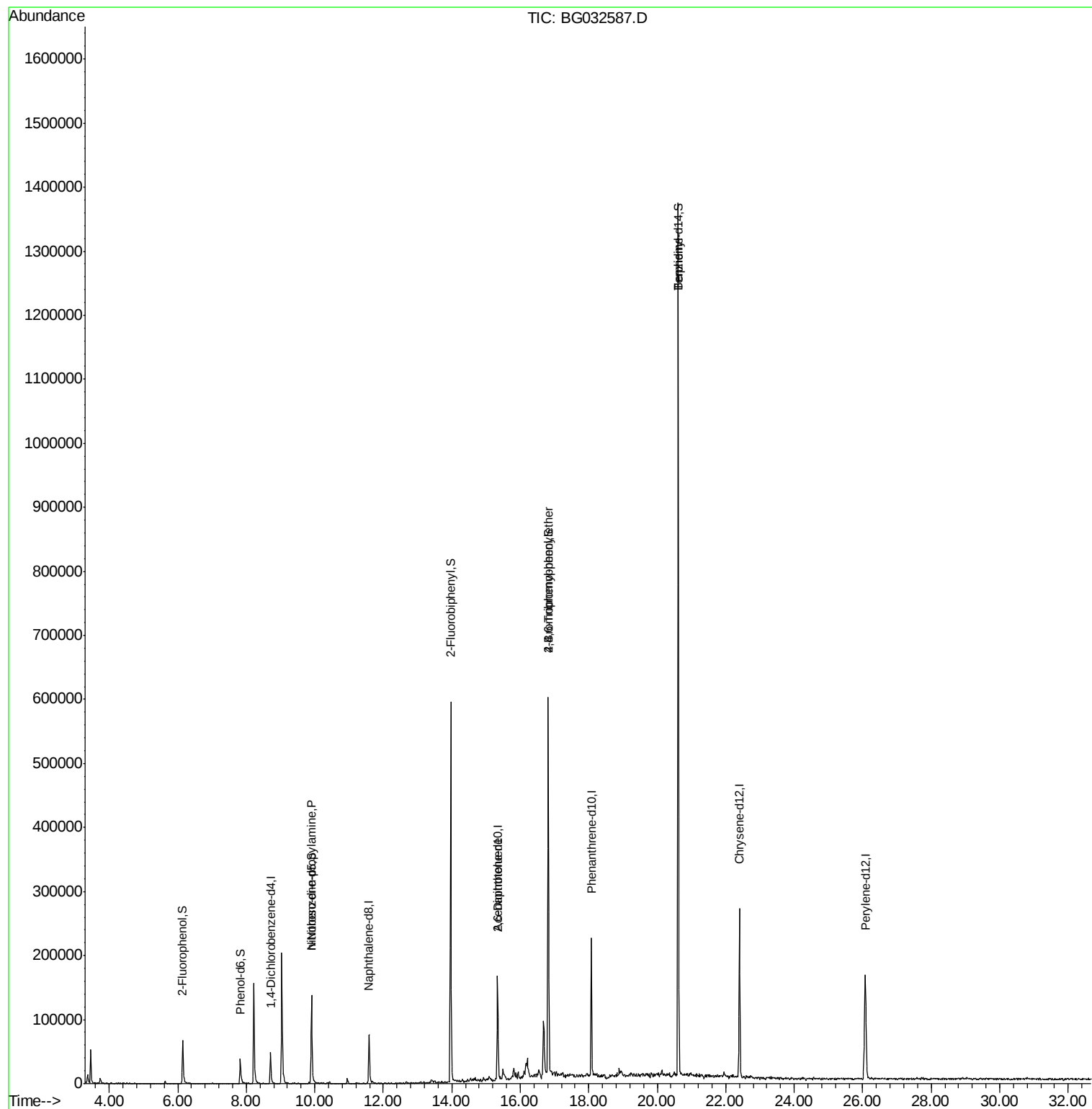
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	20015	20.00	ng	0.00
21) Naphthalene-d8	11.58	136	86972	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	60309	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	155682	20.00	ng	0.00
75) Chrysene-d12	22.40	240	196651	20.00	ng	0.00
86) Perylene-d12	26.07	264	234589	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	43984	44.14	ng	0.00
7) Phenol-d6	7.82	99	32753	24.63	ng	0.00
23) Nitrobenzene-d5	9.90	82	96445	69.26	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	144922	126.24	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	379084	74.71	ng	0.00
78) Terphenyl-d14	20.61	244	737153	80.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.90	70	13529	15.345	ng	# 75
50) 2,6-Dinitrotoluene	15.34	165	8120	6.957	ng	# 20
66) 4-Bromophenyl-phenylether	16.82	248	10377	4.499	ng	# 1
76) Benzidine	20.61	184	10089	2.613	ng	# 85

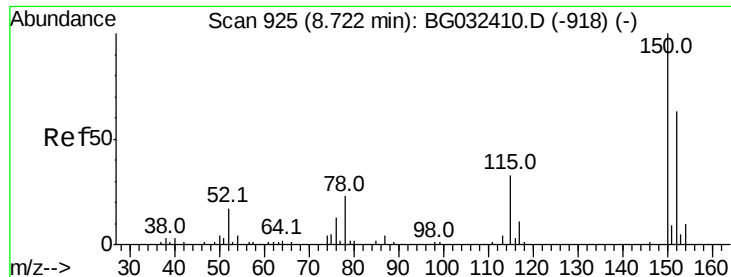
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : MDL-W-8 ppm
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :

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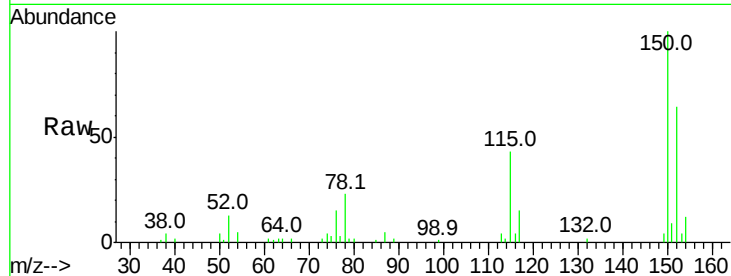


#1

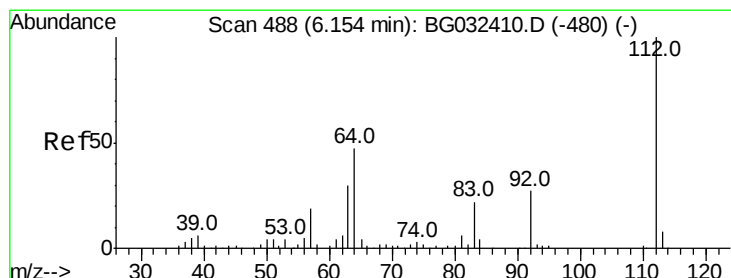
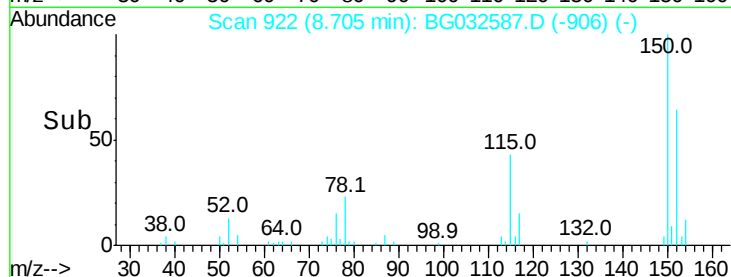
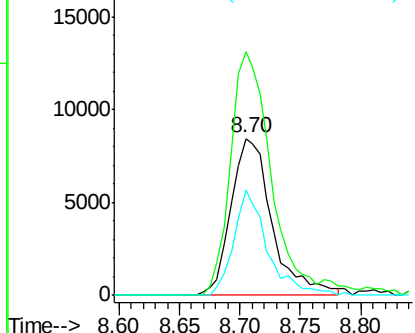
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.70 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BG032587.D
 Acq: 7 Feb 2018 6:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.6	189.8
115	67.1	53.0	79.4



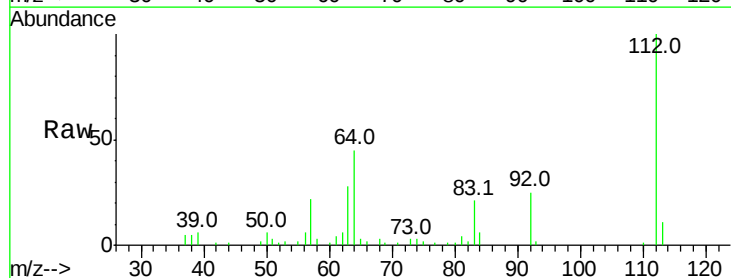
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



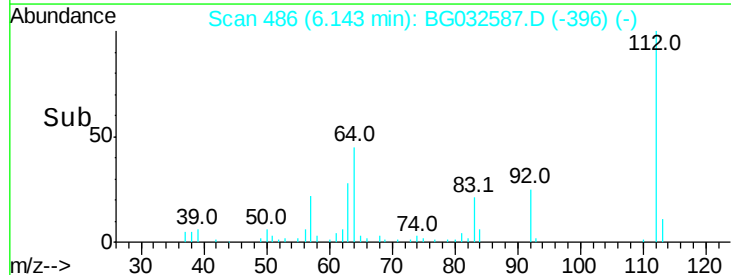
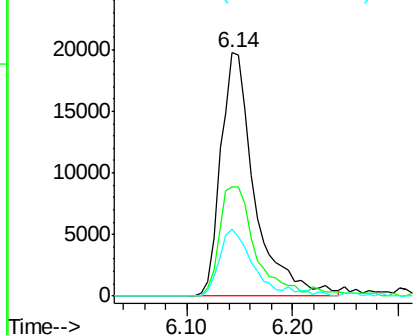
#5

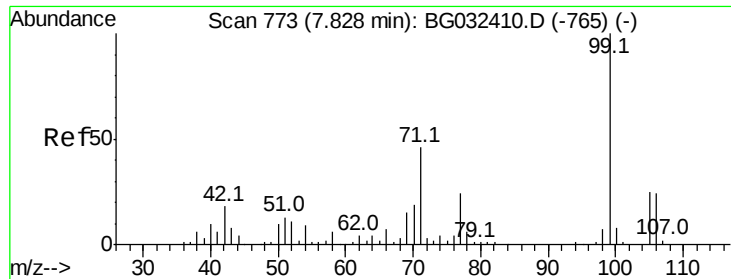
2-Fluorophenol
 Concen: 44.139 ng
 RT: 6.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BG032587.D
 Acq: 7 Feb 2018 6:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.6	56.3	84.5#
63	27.7	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: 24.631 ng

RT: 7.82 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Instrument :

BNA_G

ClientSampleId :

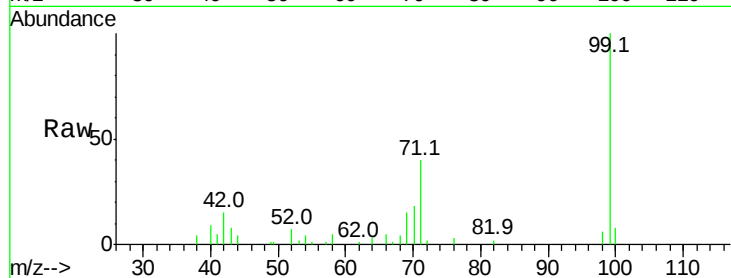
Tot Ion: 99 Resp: 32753

Ion Ratio Lower Upper

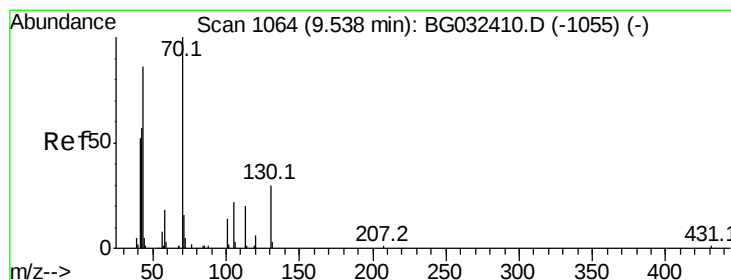
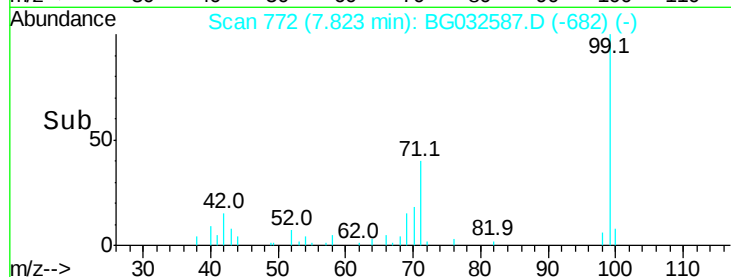
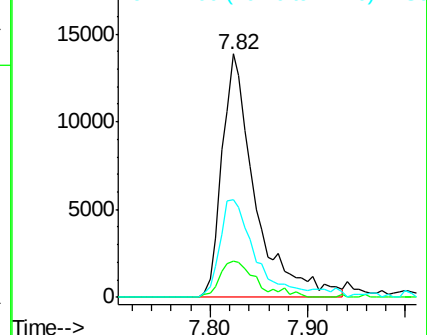
99 100

42 15.0 14.1 21.1

71 40.1 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: 15.345 ng

RT: 9.90 min Scan# 1126

Delta R.T. 0.39 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Tgt Ion: 70 Resp: 13529

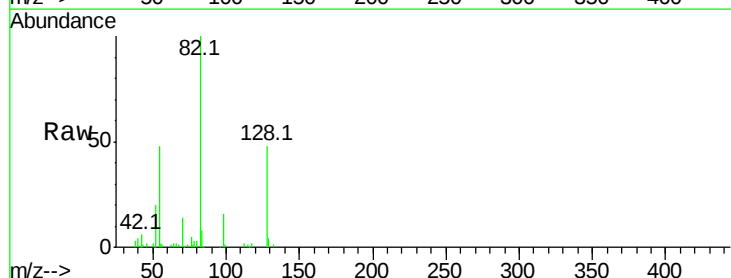
Ion Ratio Lower Upper

70 100

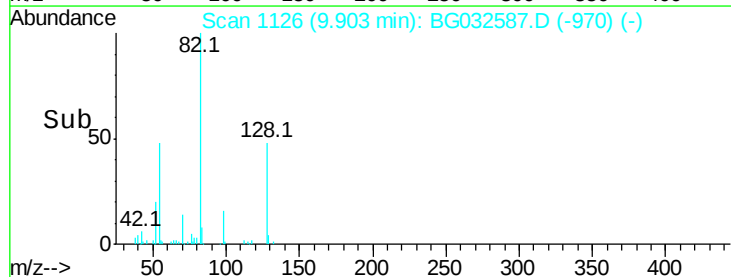
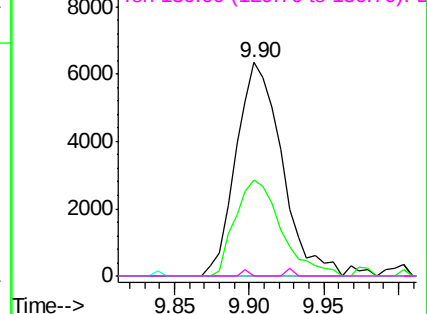
42 45.2 49.1 73.7#

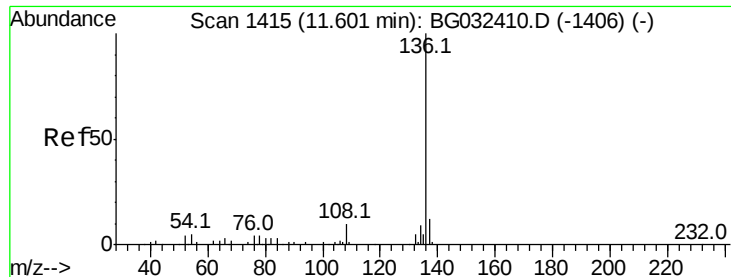
101 0.0 8.5 12.7#

130 0.0 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

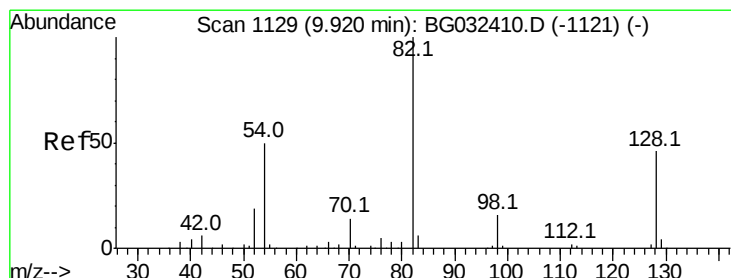
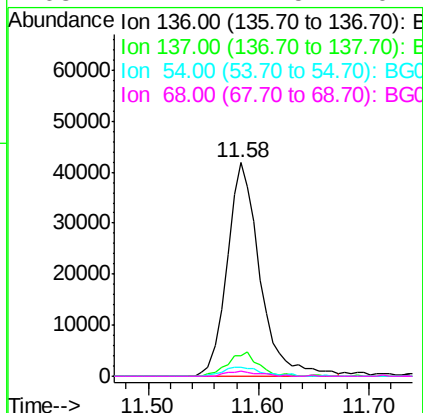
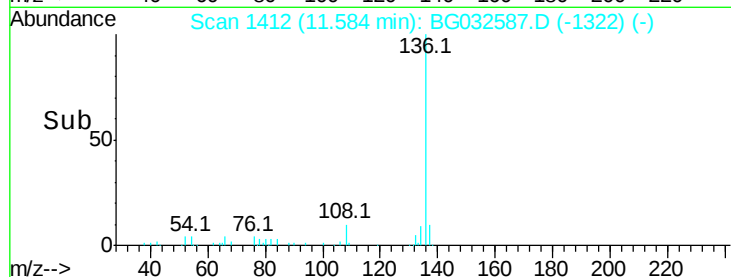
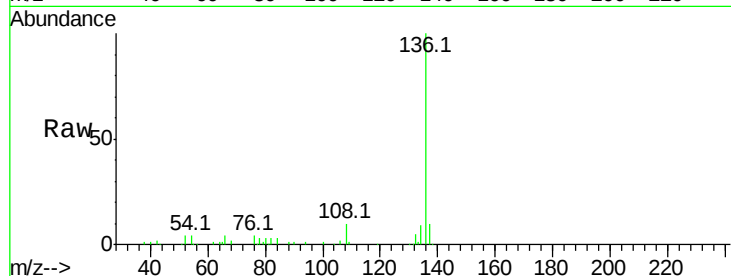




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.58 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

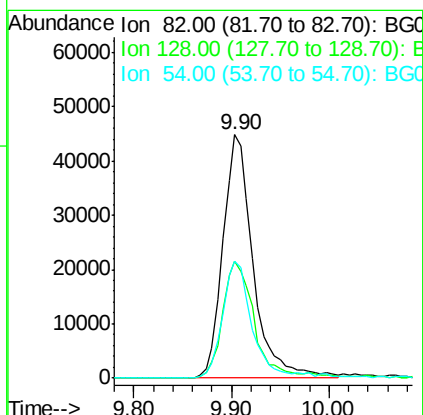
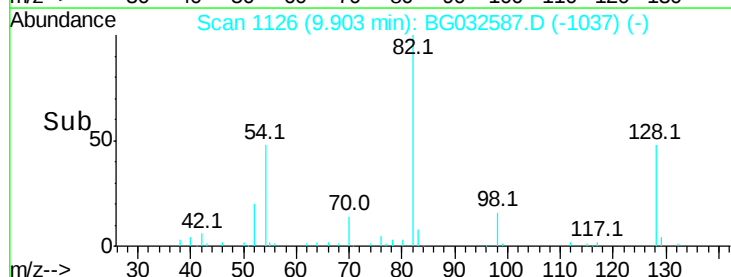
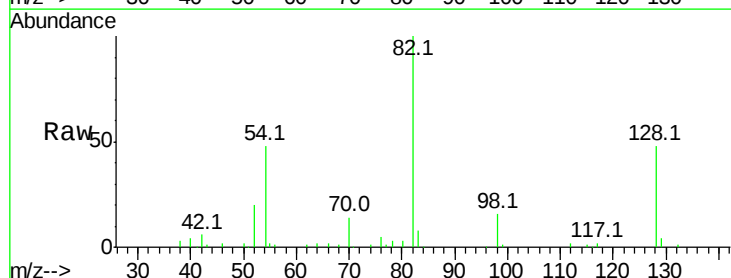
Instrument :
BNA_G
ClientSampleId :

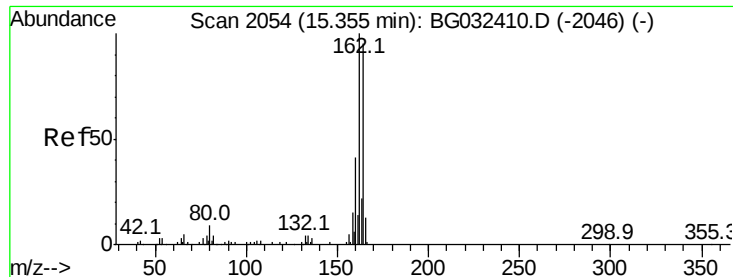
Tot Ion:	136	Resp:	86972
Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.2	13.8
54	4.3	10.3	15.5#
68	2.4	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 69.264 ng
RT: 9.90 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:	82	Resp:	96445
Ion	Ratio	Lower	Upper
82	100		
128	48.1	29.7	44.5#
54	47.9	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Instrument :

BNA_G

ClientSampleId :

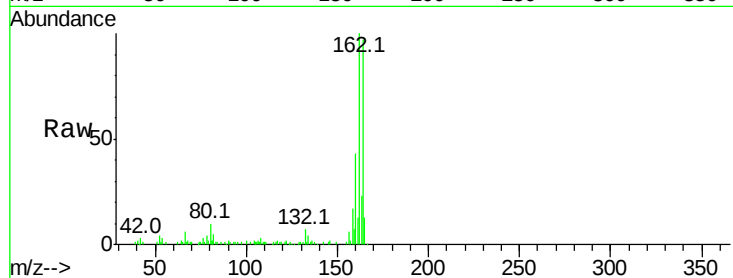
Tot Ion:164 Resp: 60309

Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	44.8	35.4	53.0

164 100

162 103.1 78.8 118.2

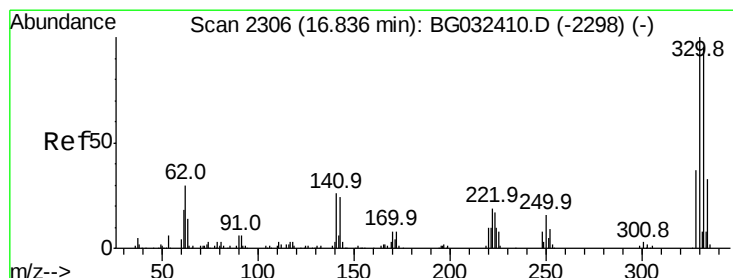
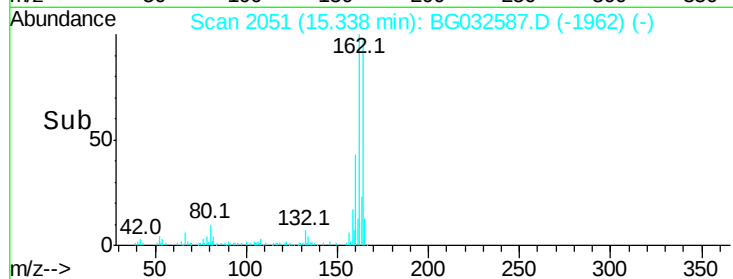
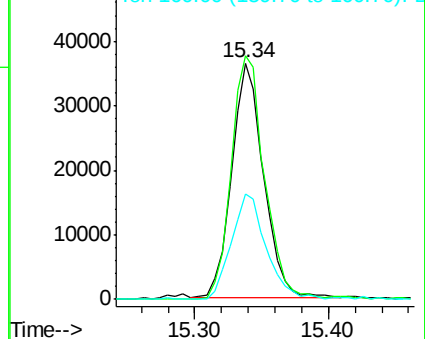
160 44.8 35.4 53.0



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: 126.241 ng

RT: 16.82 min Scan# 2303

Delta R.T. 0.00 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

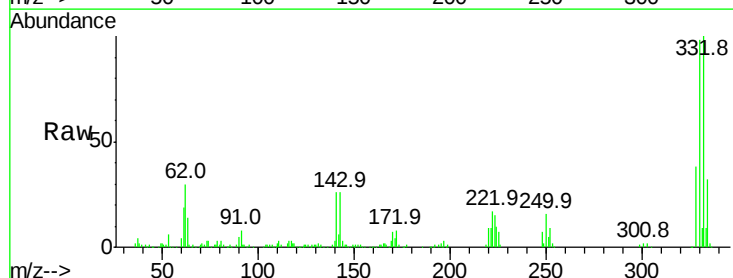
Tgt Ion:330 Resp: 144922

Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.0	115.6
141	26.3	25.2	37.8

330 100

332 99.1 77.0 115.6

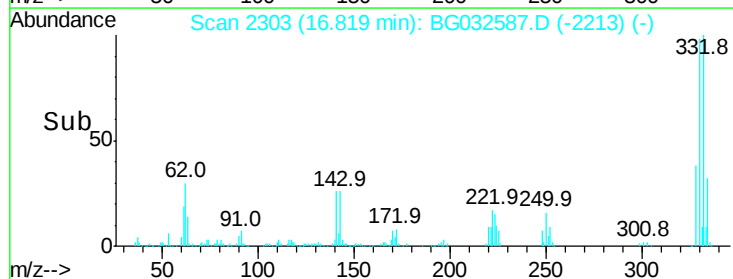
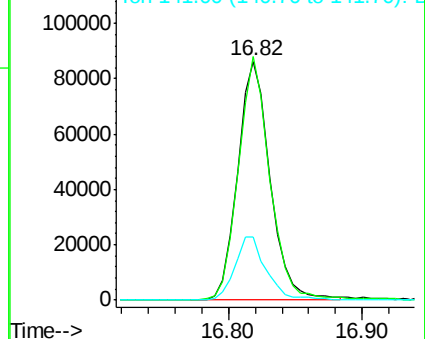
141 26.3 25.2 37.8

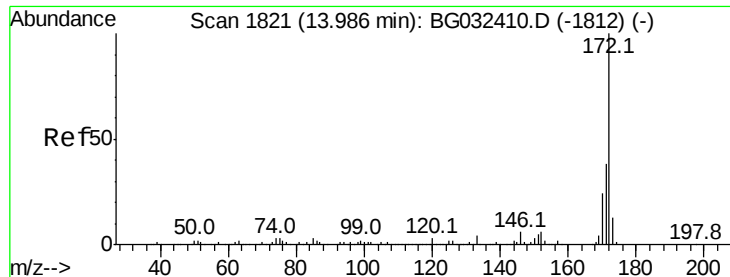


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

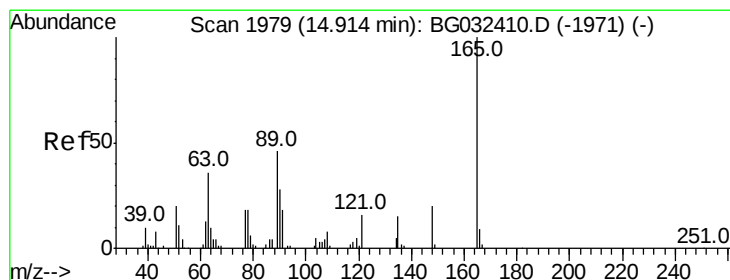
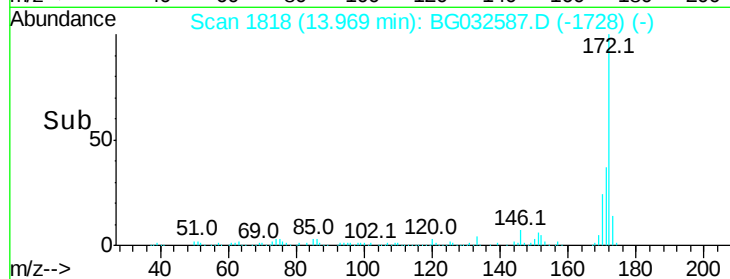
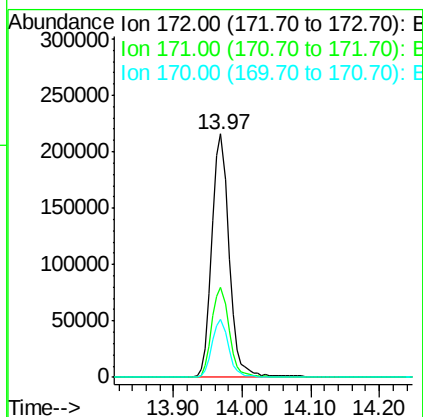
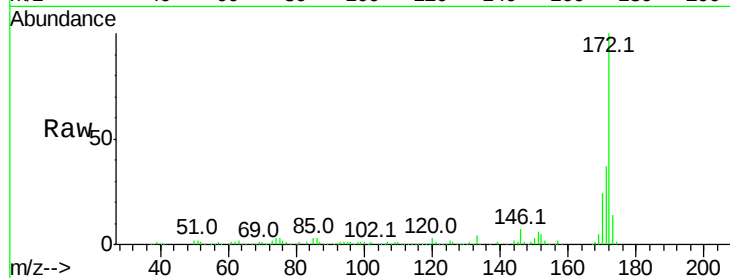




#44
2-Fluorobiphenyl
Concen: 74.710 ng
RT: 13.97 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

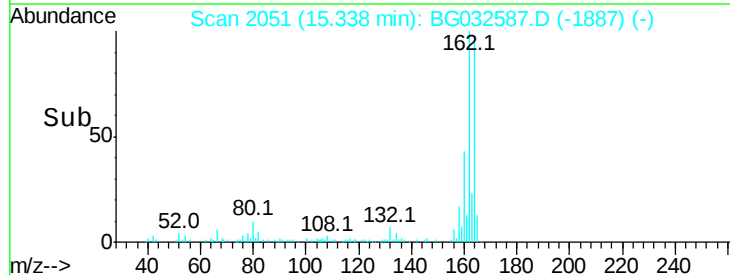
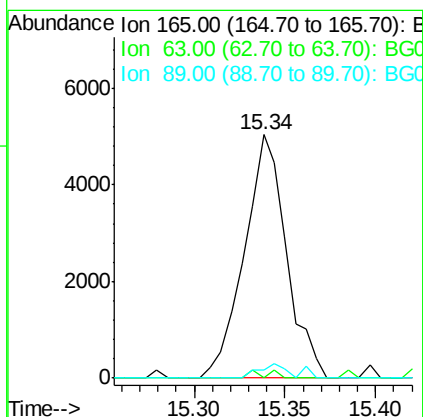
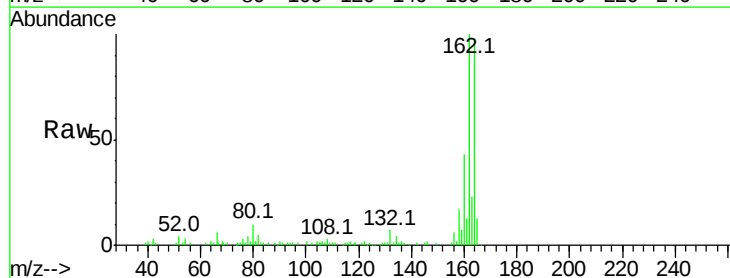
Instrument :
BNA_G
ClientSampleId :

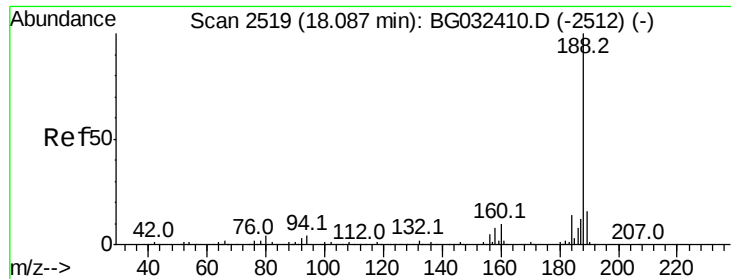
Tot Ion:172 Resp: 379084
Ion Ratio Lower Upper
172 100
171 36.9 30.0 45.0
170 24.1 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 6.957 ng
RT: 15.34 min Scan# 2051
Delta R.T. 0.44 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:165 Resp: 8120
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 3.1 49.2 73.8#

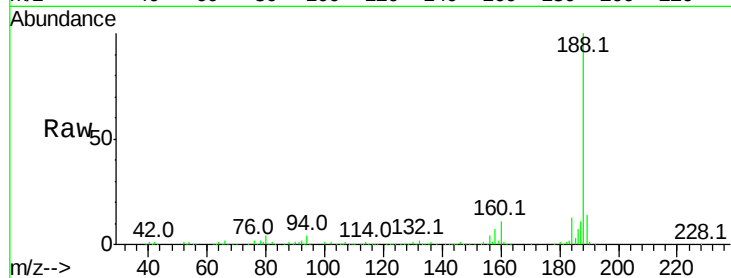




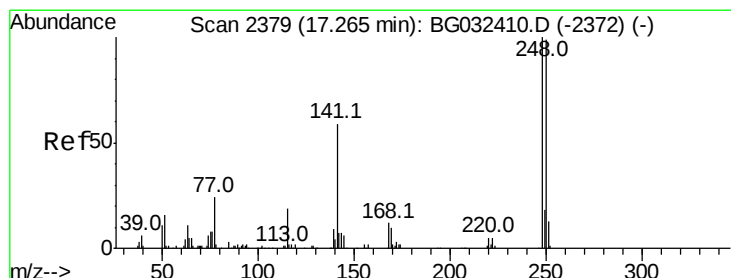
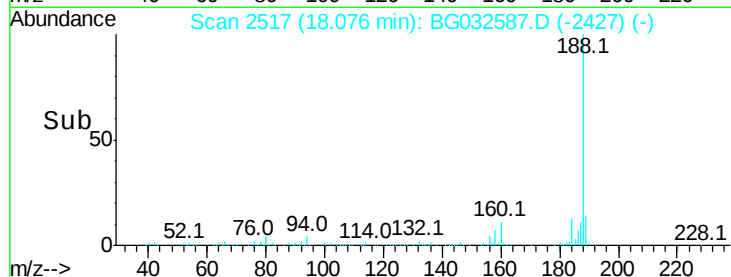
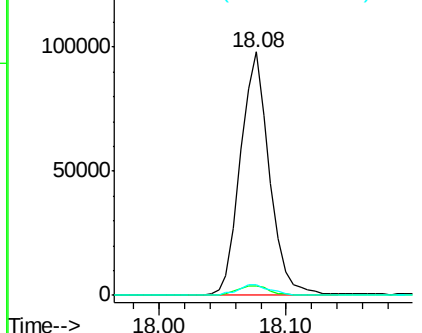
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2517
 Delta R.T. 0.00 min
 Lab File: BG032587.D
 Acq: 7 Feb 2018 6:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:188 Resp: 155682
 Ion Ratio Lower Upper
 188 100
 94 4.6 6.9 10.3#
 80 4.4 7.7 11.5#

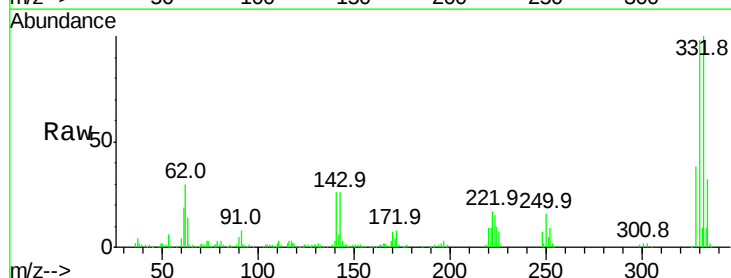


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

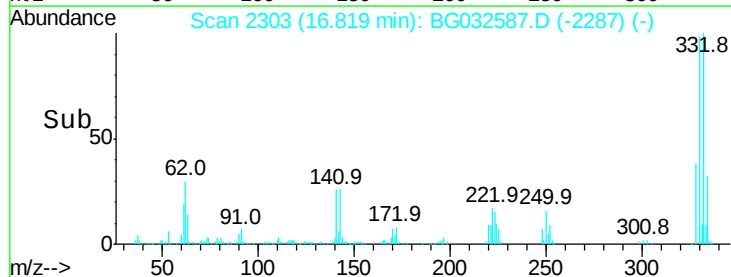
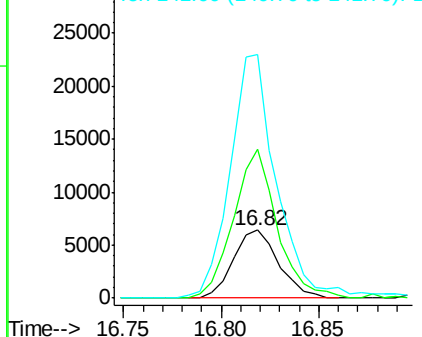


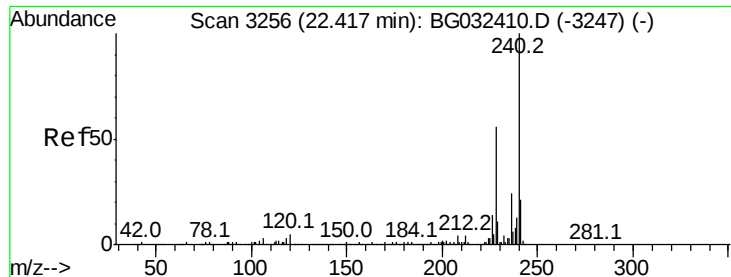
#66
 4-Bromophenyl-phenylether
 Concen: 4.499 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.43 min
 Lab File: BG032587.D
 Acq: 7 Feb 2018 6:49

Tgt Ion:248 Resp: 10377
 Ion Ratio Lower Upper
 248 100
 250 219.6 77.1 115.7#
 141 358.5 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

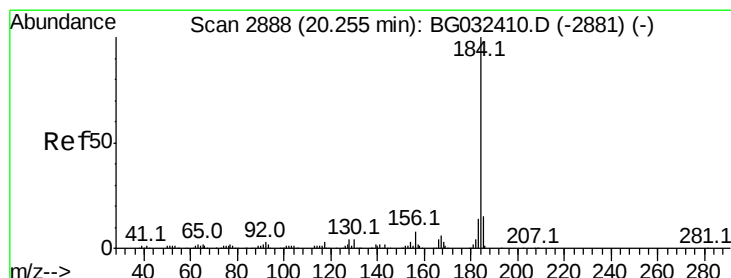
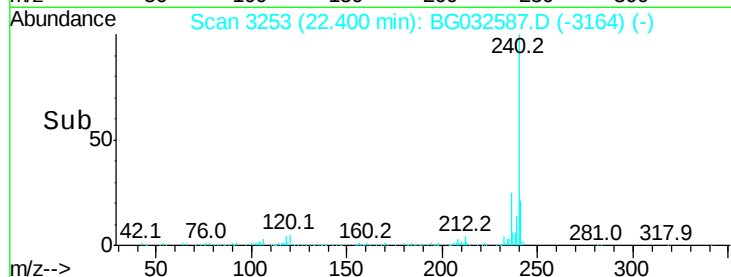
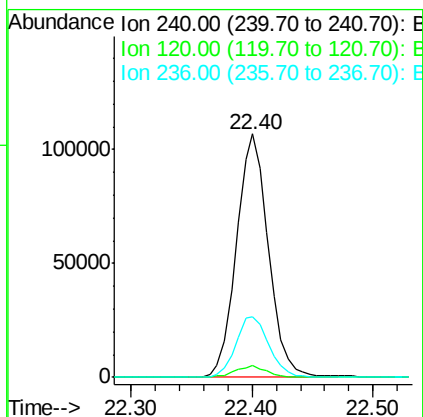
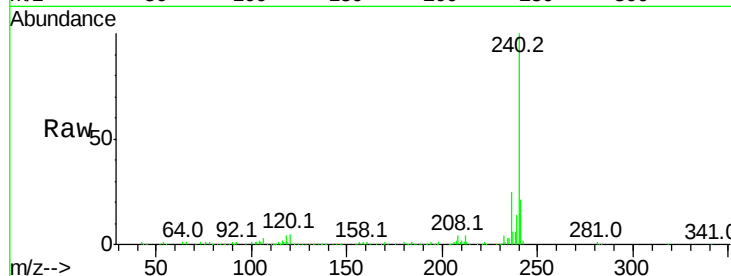




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.40 min Scan# 3253
 Delta R.T. -0.01 min
 Lab File: BG032587.D
 Acq: 7 Feb 2018 6:49

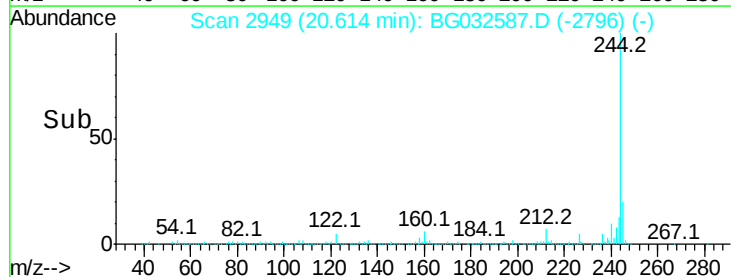
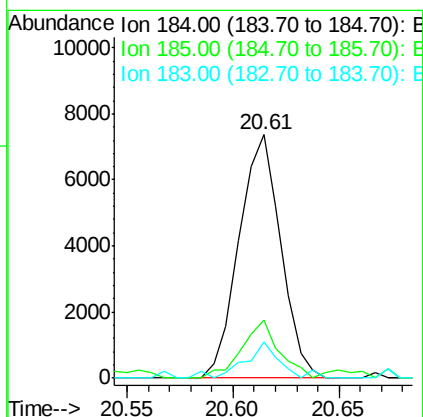
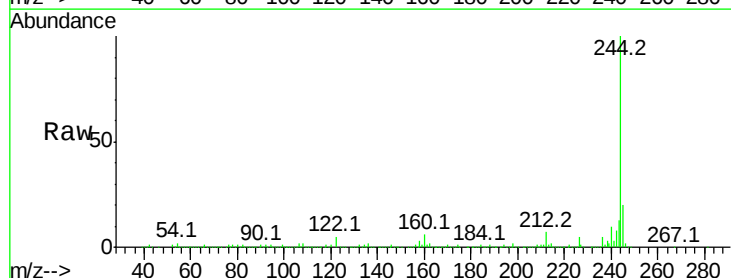
Instrument :
 BNA_G
 ClientSampleId :

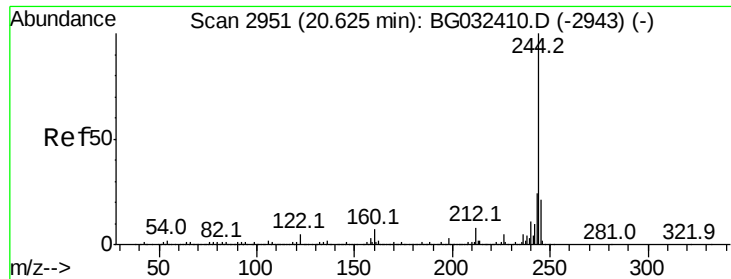
Tot Ion	Ratio	Lower	Upper
240	100		
120	5.1	6.8	10.2#
236	25.0	20.9	31.3



#76
 Benzidine
 Concen: 2.613 ng
 RT: 20.61 min Scan# 2949
 Delta R.T. 0.37 min
 Lab File: BG032587.D
 Acq: 7 Feb 2018 6:49

Tgt Ion	Ratio	Lower	Upper
184	100		
185	23.8	11.1	16.7#
183	15.1	10.6	16.0

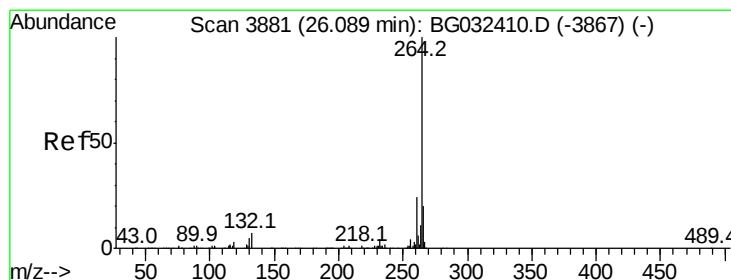
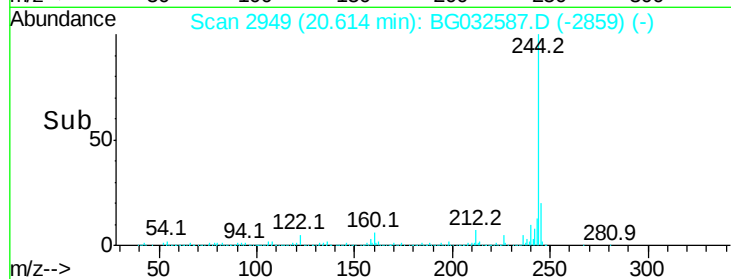
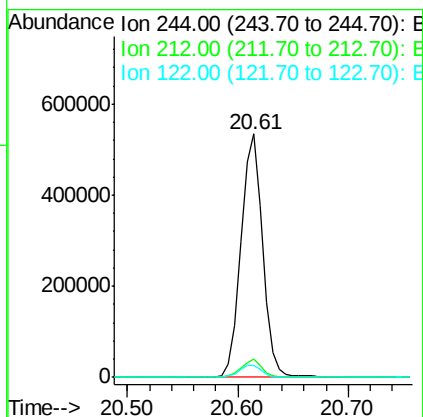
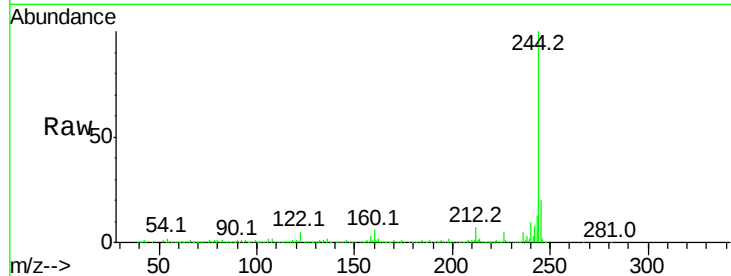




#78
 Terphenyl-d14
 Concen: 80.297 ng
 RT: 20.61 min Scan# 2949
 Delta R.T. 0.00 min
 Lab File: BG032587.D
 Acq: 7 Feb 2018 6:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 737153
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 5.0 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.07 min Scan# 3878
 Delta R.T. 0.01 min
 Lab File: BG032587.D
 Acq: 7 Feb 2018 6:49

Tgt Ion:264 Resp: 234589
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.4 26.0
 265 22.9 17.7 26.5

