

Data Path : U:\HPCHEM1\BNA G\DATA\BG011818\
 Data File : BG032142.D
 Acq On : 18 Jan 2018 18:54
 Operator : SJ/JU
 Sample : J1187-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 19 00:30:14 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

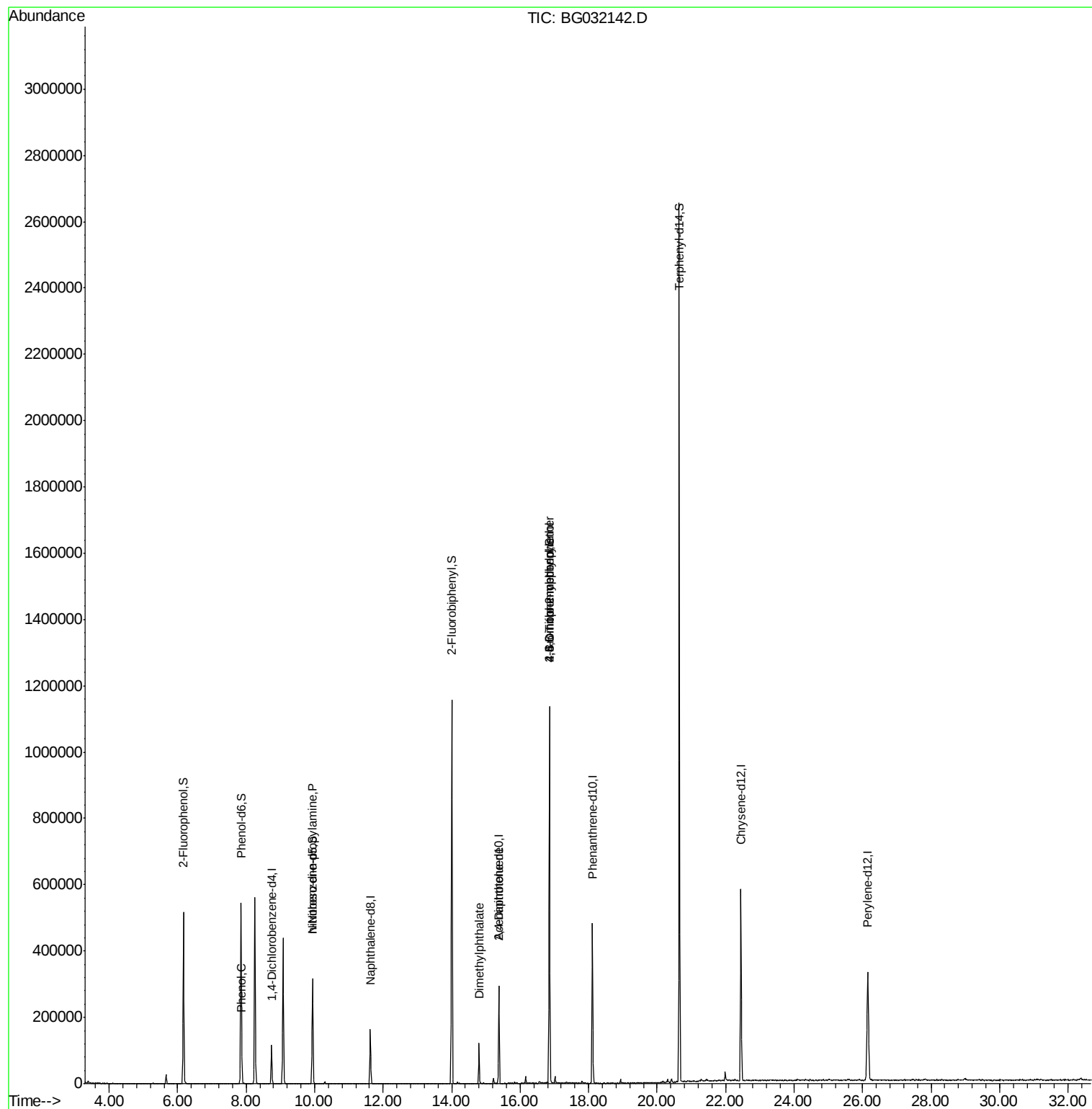
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	38359	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	165551	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	115738	20.00	ng	0.00
63) Phenanthrene-d10	18.12	188	328029	20.00	ng	0.00
75) Chrysene-d12	22.45	240	440403	20.00	ng	0.00
86) Perylene-d12	26.15	264	446741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	262309	125.07	ng	0.00
7) Phenol-d6	7.85	99	342787	129.77	ng	0.00
23) Nitrobenzene-d5	9.94	82	200871	82.09	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	259717	135.61	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	703906	75.41	ng	0.00
78) Terphenyl-d14	20.65	244	1408950	70.64	ng	0.00
Target Compounds						
10) Phenol	7.88	94	14874	5.716	ng	92
19) n-Nitroso-di-n-propylamine	9.94	70	28152	17.177	ng	# 73
49) Dimethylphthalate	14.80	163	90074	8.894	ng	# 97
56) 2,4-Dinitrotoluene	15.38	165	15849	5.600	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.85	198	997	5.311	ng	# 70
66) 4-Bromophenyl-phenylether	16.85	248	21715	4.653	ng	# 1

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

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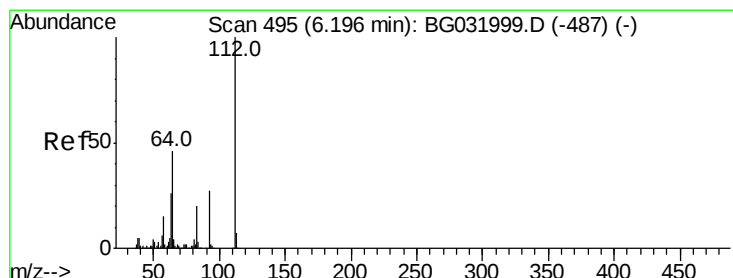
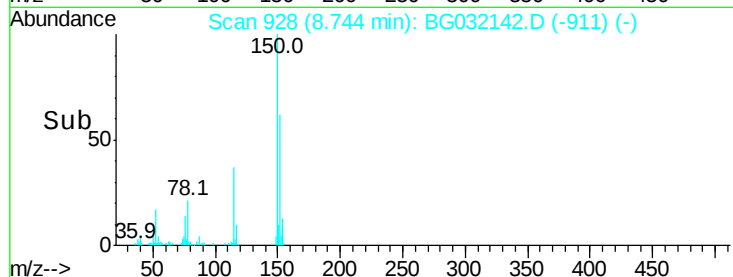
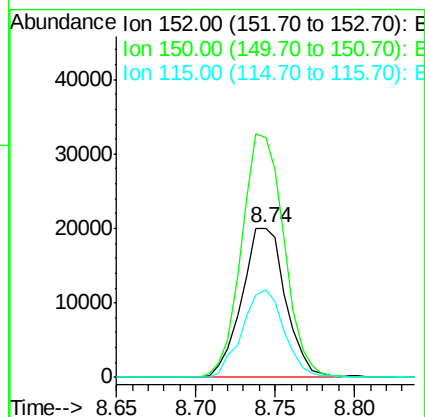
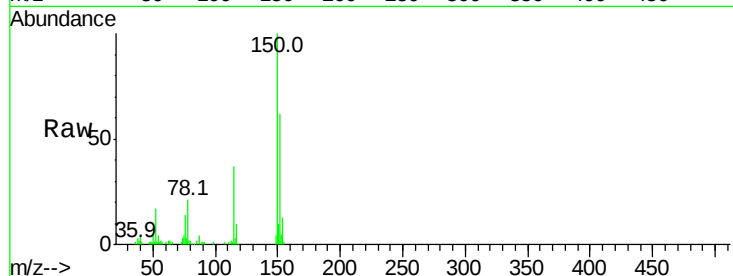


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. 0.00 min
Lab File: BG032142.D
Acq: 18 Jan 2018 18:54

Instrument :
BNA_G
ClientSampleId :

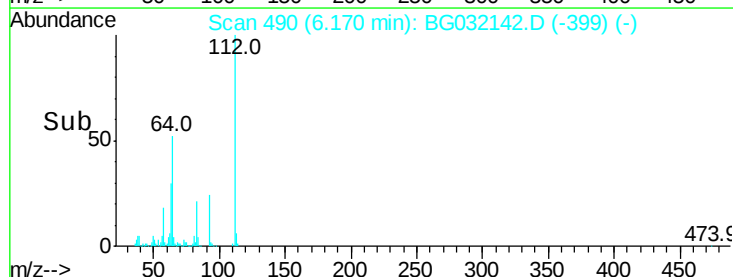
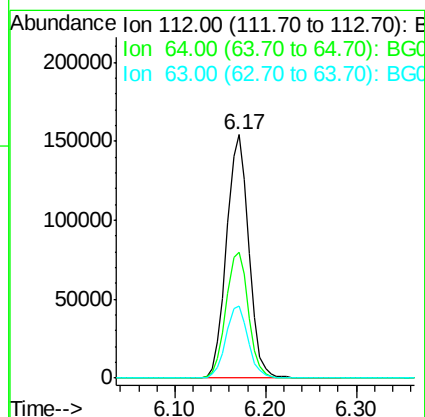
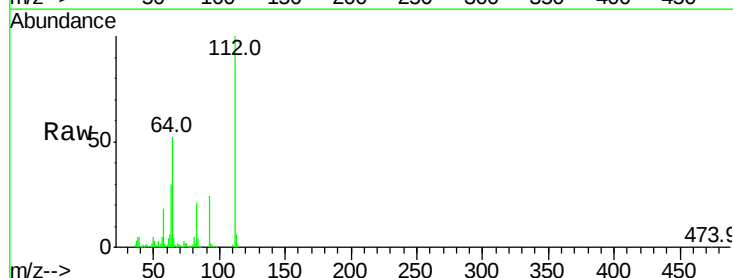
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	126.6	189.8
115	58.9	53.0	79.4

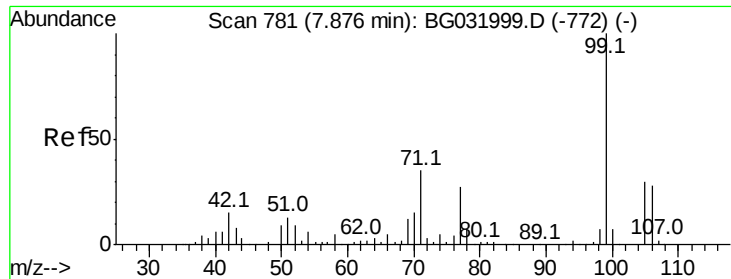


#5

2-Fluorophenol
Concen: 125.067 ng
RT: 6.17 min Scan# 490
Delta R.T. 0.00 min
Lab File: BG032142.D
Acq: 18 Jan 2018 18:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.9	56.3	84.5#
63	29.8	30.1	45.1#





#7

Phenol-d6

Concen: 129.771 ng

RT: 7.85 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG032142.D

Acq: 18 Jan 2018 18:54

Instrument :

BNA_G

ClientSampled :

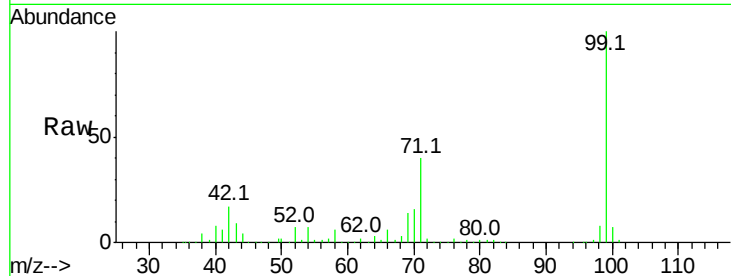
Tot Ion: 99 Resp: 342787

Ion Ratio Lower Upper

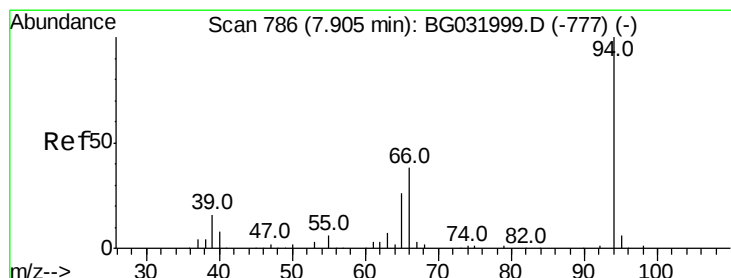
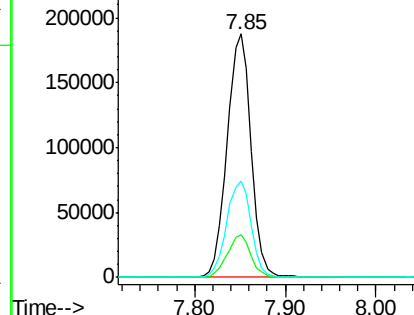
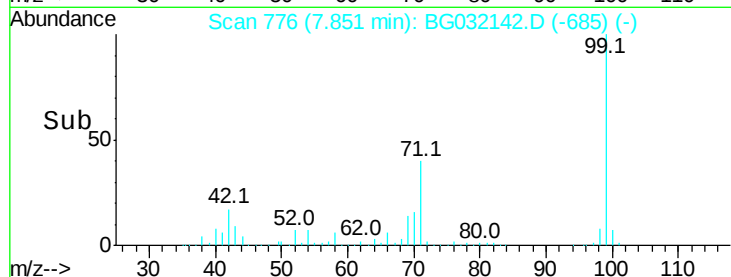
99 100

42 17.4 14.1 21.1

71 39.8 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



#10

Phenol

Concen: 5.716 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032142.D

Acq: 18 Jan 2018 18:54

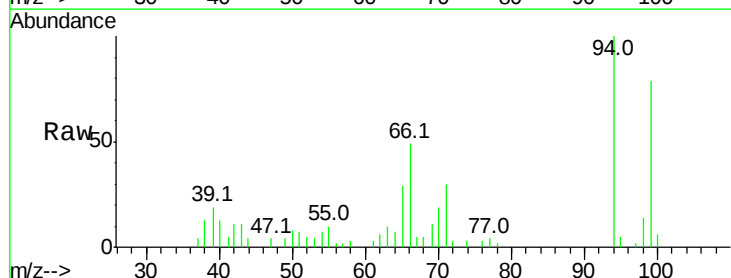
Tgt Ion: 94 Resp: 14874

Ion Ratio Lower Upper

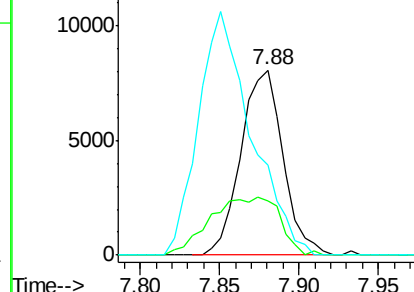
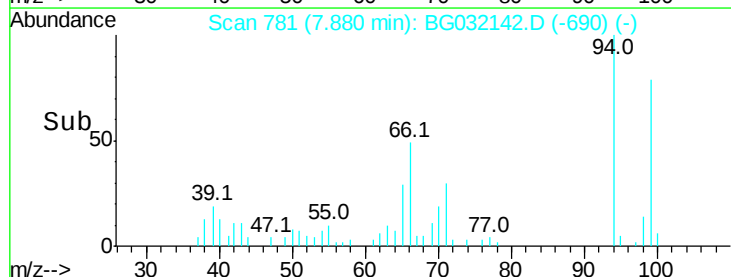
94 100

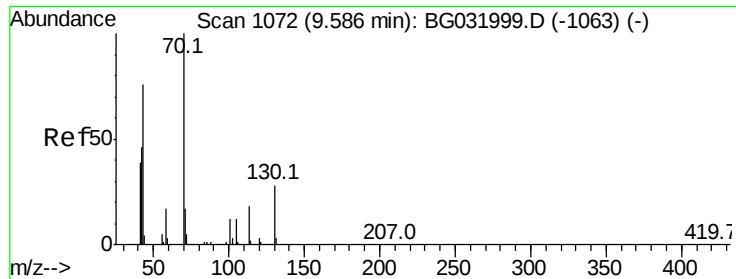
65 29.5 11.9 51.9

66 48.7 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

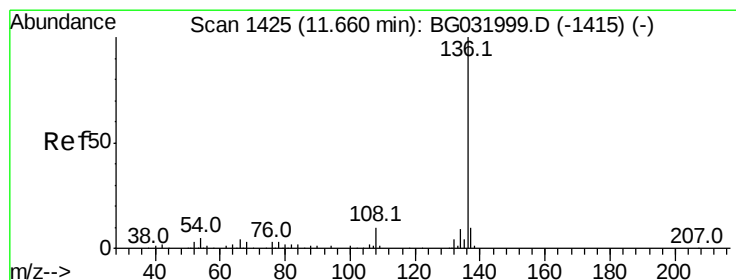
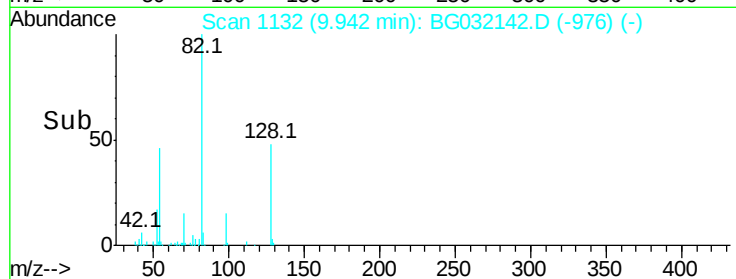
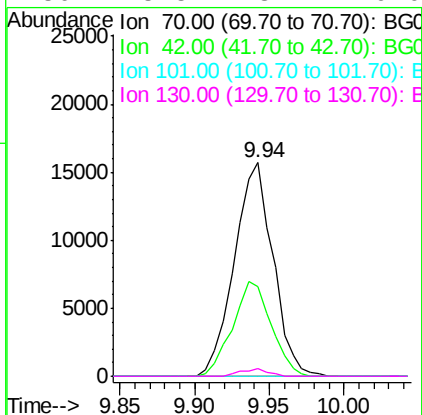
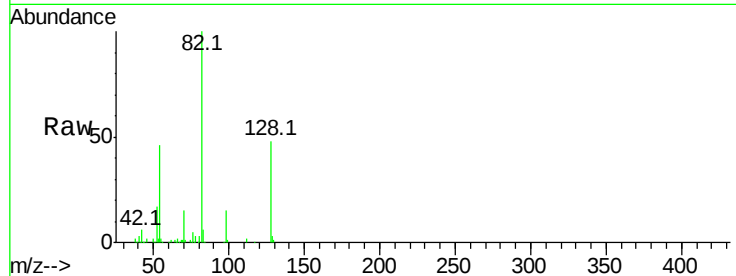




#19
n-Nitroso-di-n-propylamine
Concen: 17.177 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.38 min
Lab File: BG032142.D
Acq: 18 Jan 2018 18:54

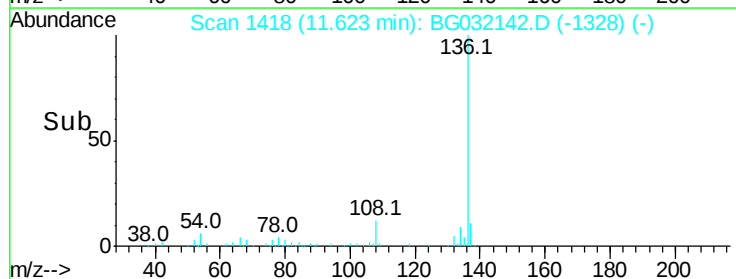
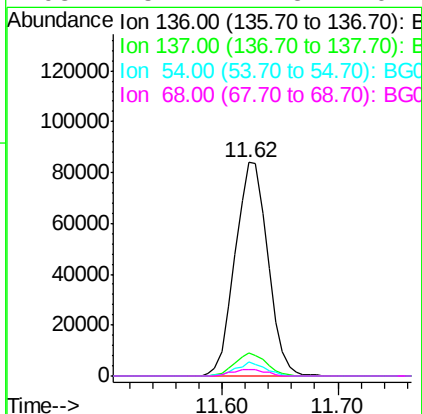
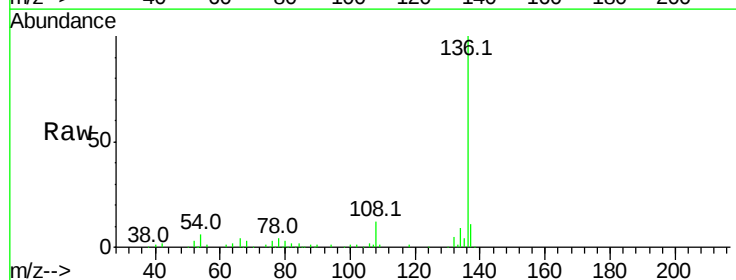
Instrument :
BNA_G
ClientSampled :

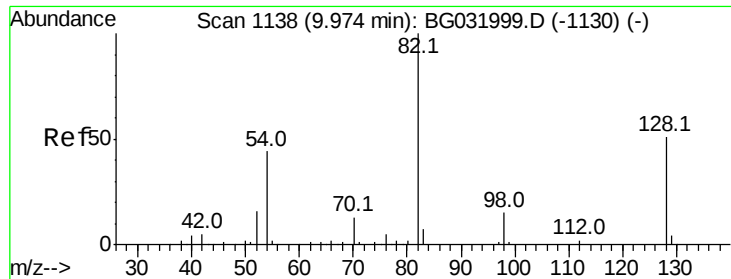
Tot Ion: 70 Resp: 28152
Ion Ratio Lower Upper
70 100
42 41.7 49.1 73.7#
101 0.0 8.5 12.7#
130 3.5 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BG032142.D
Acq: 18 Jan 2018 18:54

Tgt Ion: 136 Resp: 165551
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 6.4 10.3 15.5#
68 3.2 4.5 6.7#

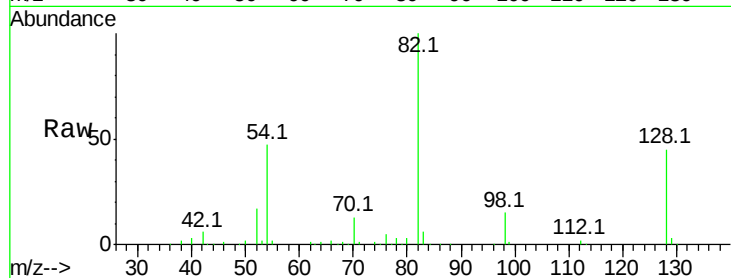




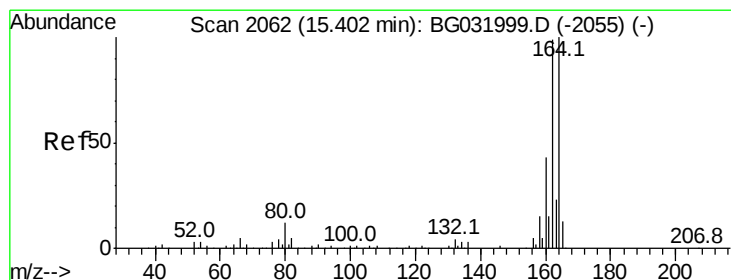
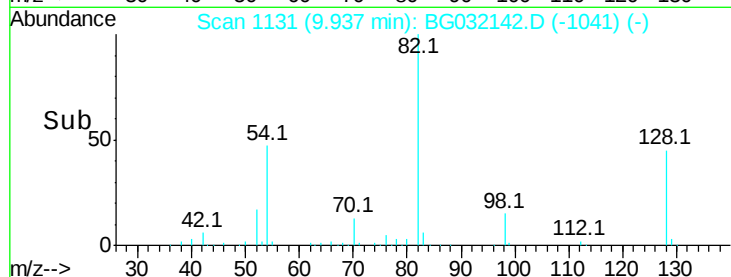
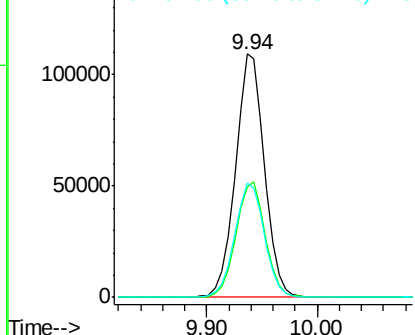
#23
Nitrobenzene-d5
Concen: 82.088 ng
RT: 9.94 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BG032142.D
Acq: 18 Jan 2018 18:54

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 200871
Ion Ratio Lower Upper
82 100
128 45.3 29.7 44.5#
54 47.1 43.1 64.7

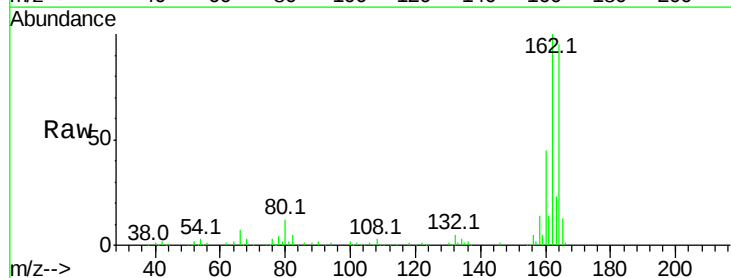


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

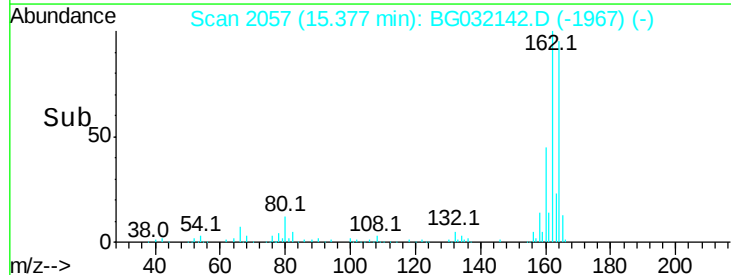
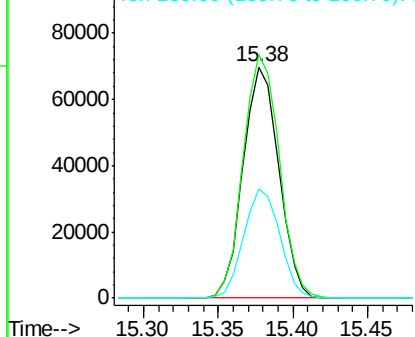


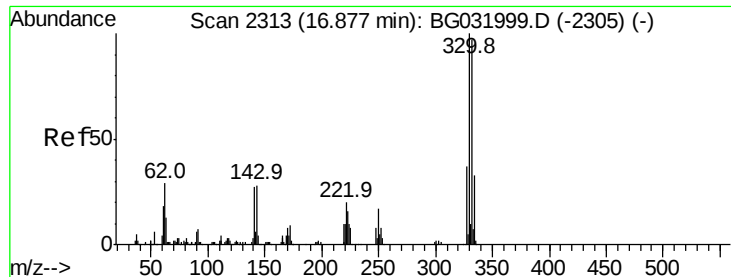
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BG032142.D
Acq: 18 Jan 2018 18:54

Tgt Ion:164 Resp: 115738
Ion Ratio Lower Upper
164 100
162 105.4 78.8 118.2
160 47.1 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

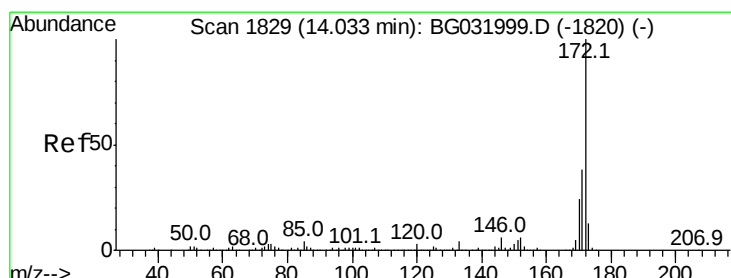
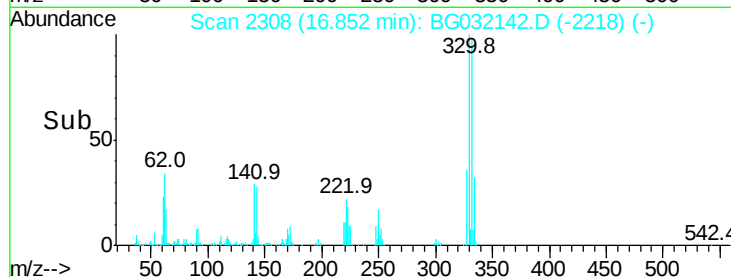
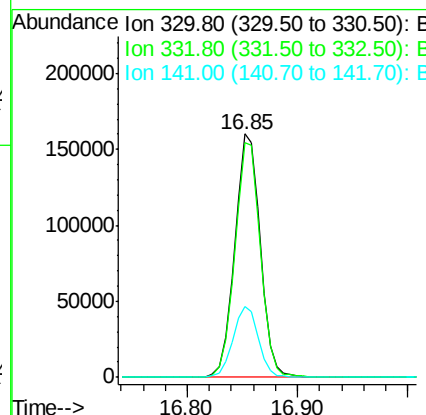
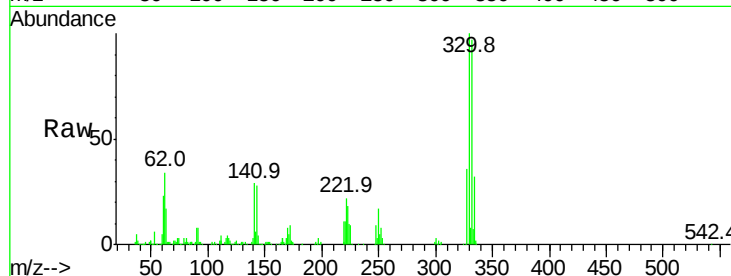




#41
 2,4,6-Tribromophenol
 Concen: 135.609 ng
 RT: 16.85 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: BG032142.D
 Acq: 18 Jan 2018 18:54

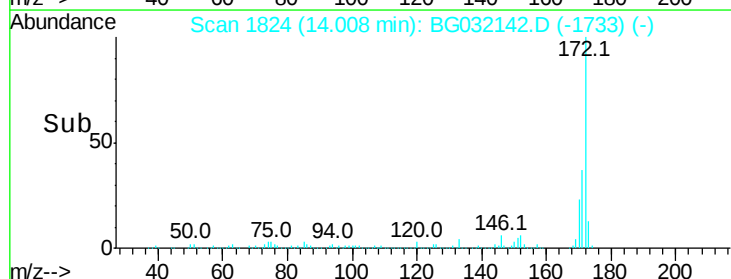
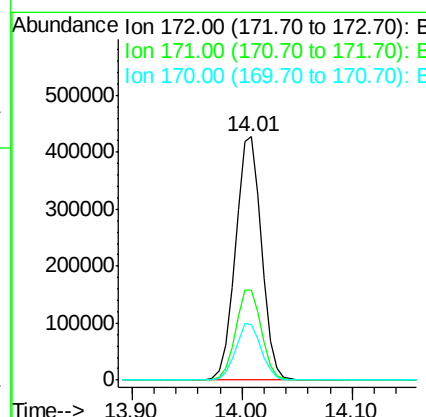
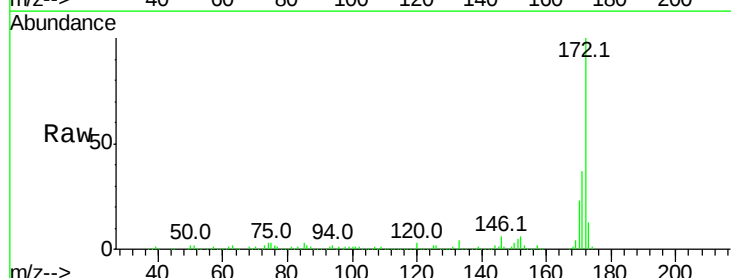
Instrument :
 BNA_G
 ClientSampleId :

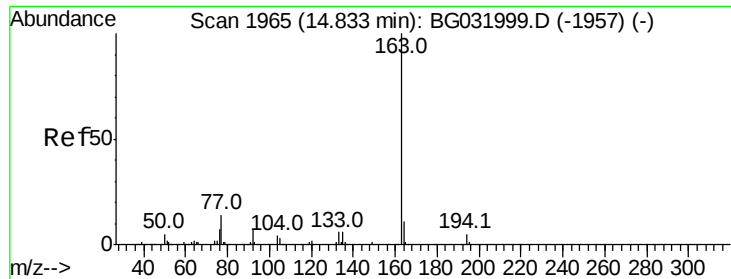
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	28.8	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 75.412 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BG032142.D
 Acq: 18 Jan 2018 18:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	22.9	19.5	29.3





#49

Dimethylphthalate

Concen: 8.894 ng

RT: 14.80 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG032142.D

Acq: 18 Jan 2018 18:54

Instrument :

BNA_G

ClientSampleId :

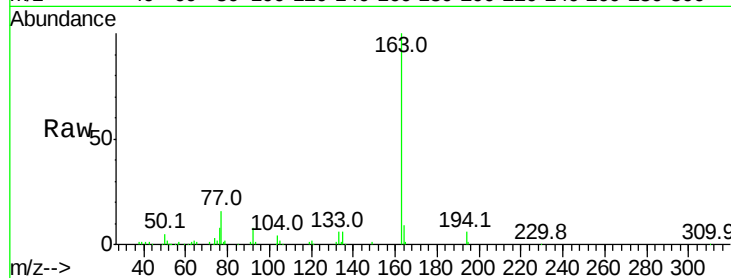
Tot Ion:163 Resp: 90074

Ion Ratio Lower Upper

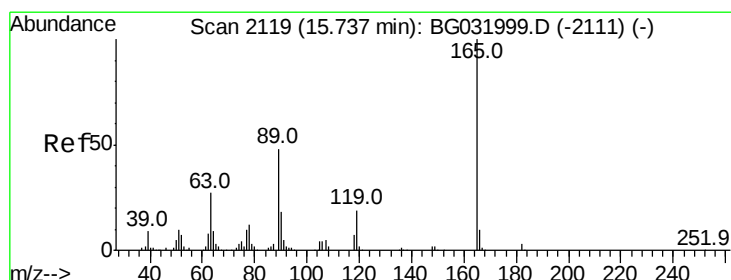
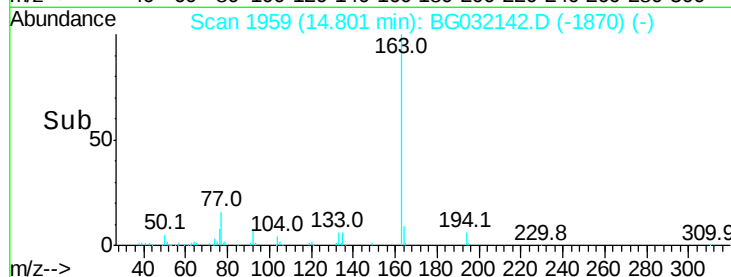
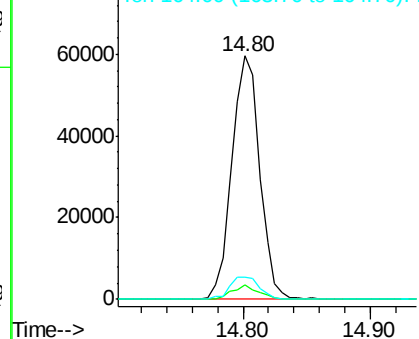
163 100

194 6.1 3.4 5.2#

164 9.3 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: 5.600 ng

RT: 15.38 min Scan# 2057

Delta R.T. -0.34 min

Lab File: BG032142.D

Acq: 18 Jan 2018 18:54

Tgt Ion:165 Resp: 15849

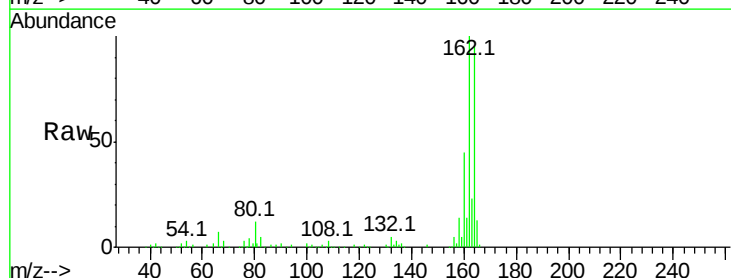
Ion Ratio Lower Upper

165 100

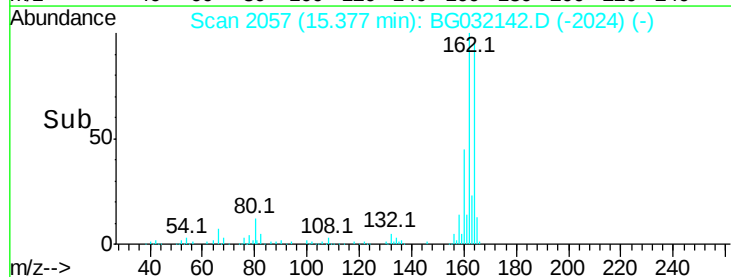
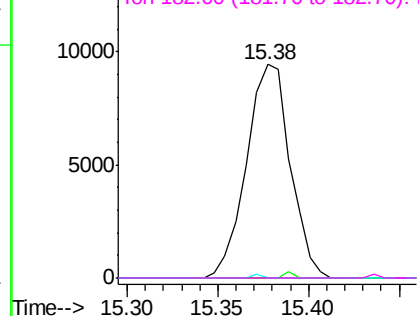
63 0.0 42.0 63.0#

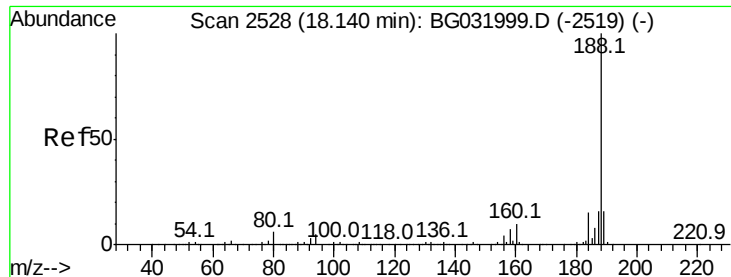
89 0.0 66.9 100.3#

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

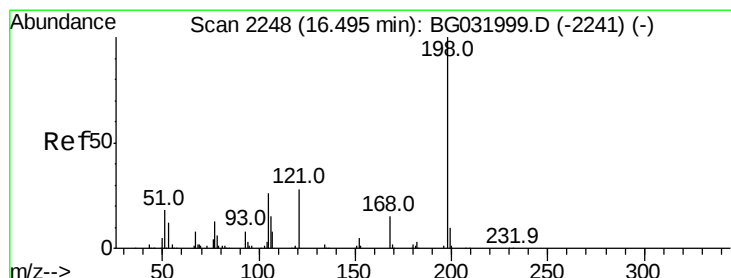
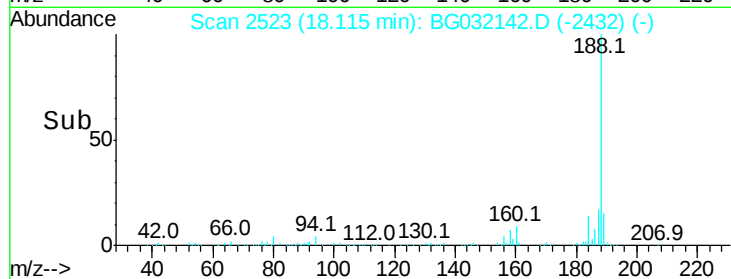
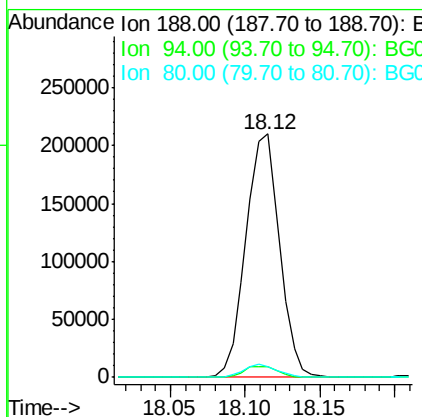
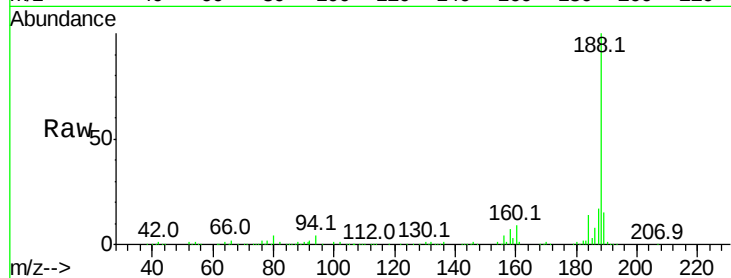




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.12 min Scan# 2523
 Delta R.T. 0.00 min
 Lab File: BG032142.D
 Acq: 18 Jan 2018 18:54

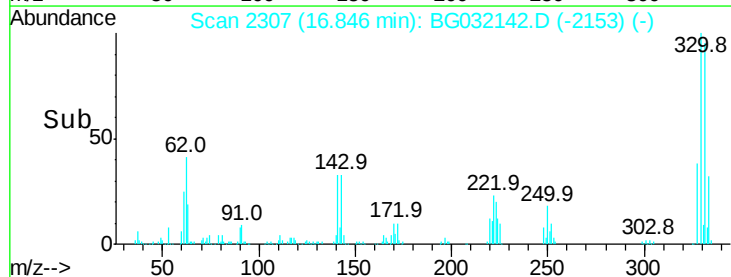
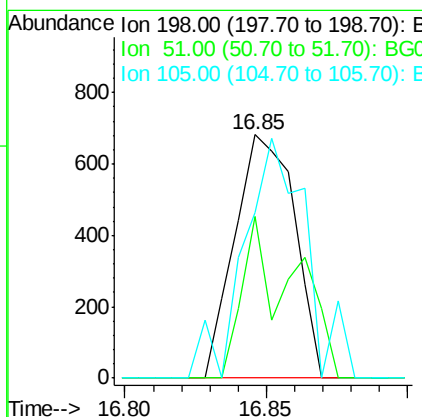
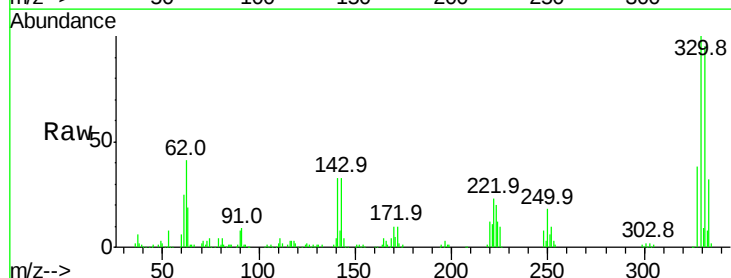
Instrument :
 BNA_G
 ClientSampleId :

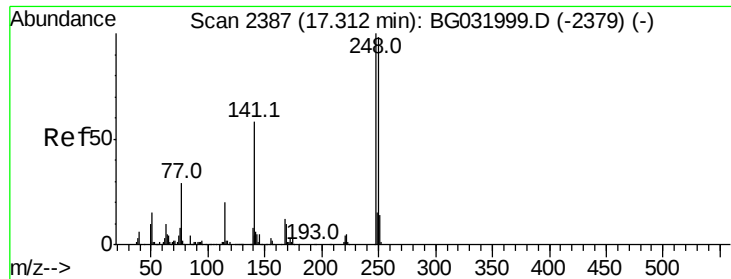
Tot Ion:188 Resp: 328029
 Ion Ratio Lower Upper
 188 100
 94 4.4 6.9 10.3#
 80 4.4 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.311 ng
 RT: 16.85 min Scan# 2307
 Delta R.T. 0.37 min
 Lab File: BG032142.D
 Acq: 18 Jan 2018 18:54

Tgt Ion:198 Resp: 997
 Ion Ratio Lower Upper
 198 100
 51 66.3 30.6 70.6
 105 68.0 23.8 63.8#

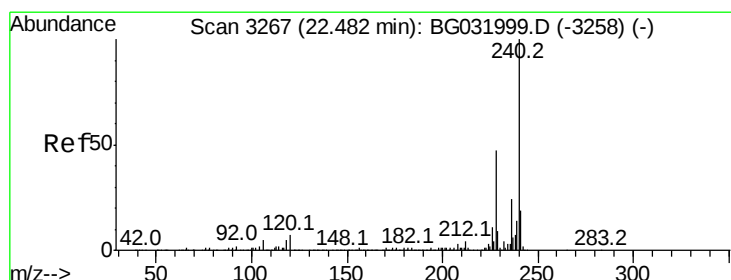
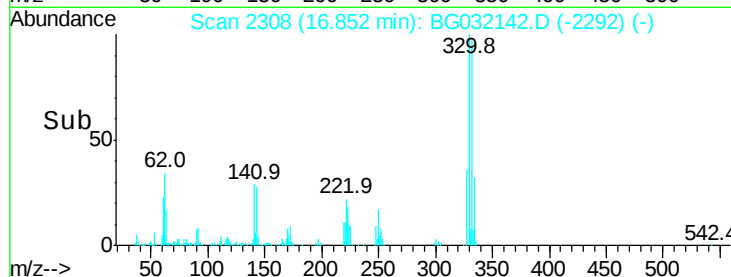
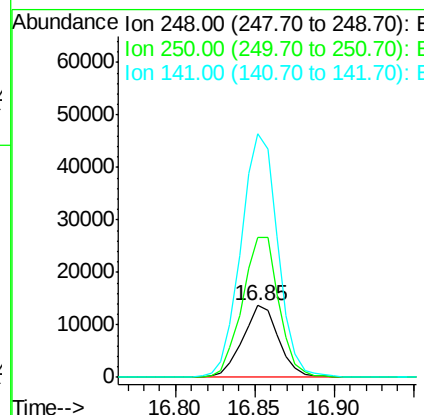
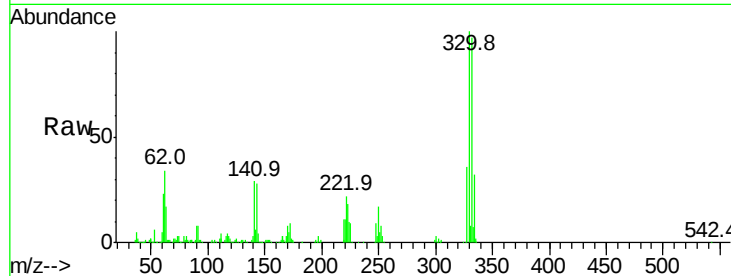




#66
4-Bromophenyl-phenylether
Concen: 4.653 ng
RT: 16.85 min Scan# 2308
Delta R.T. -0.44 min
Lab File: BG032142.D
Acq: 18 Jan 2018 18:54

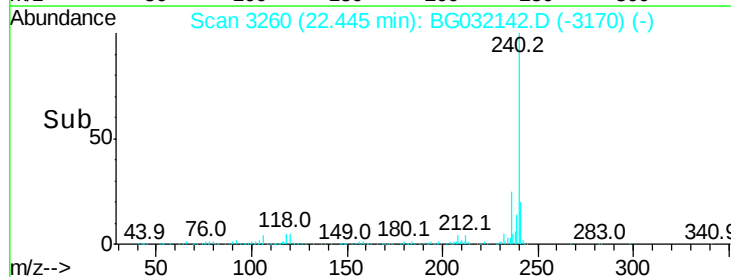
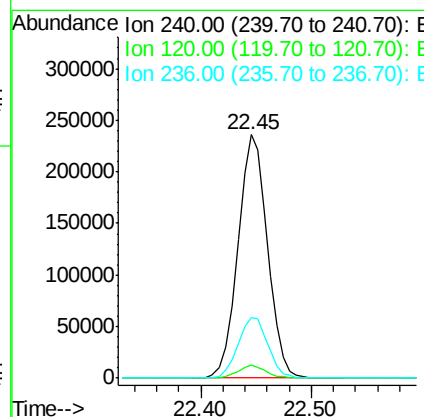
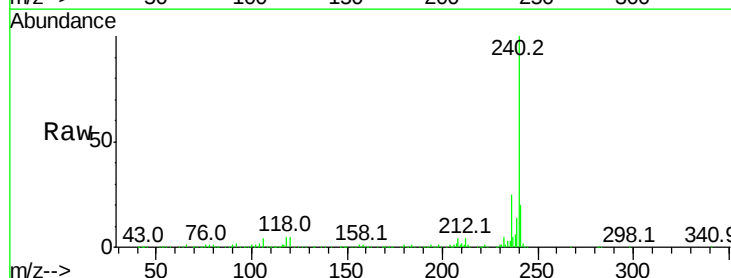
Instrument :
BNA_G
ClientSampleId :

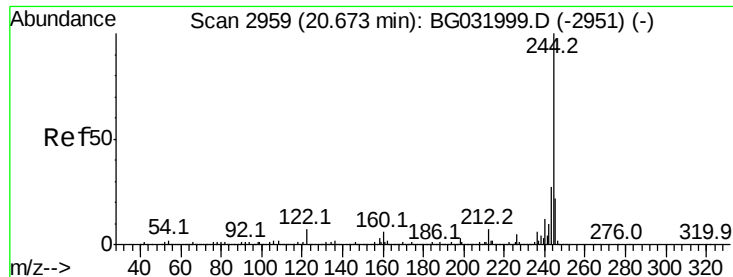
Tot Ion:248 Resp: 21715
Ion Ratio Lower Upper
248 100
250 193.9 77.1 115.7#
141 338.9 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.45 min Scan# 3260
Delta R.T. -0.00 min
Lab File: BG032142.D
Acq: 18 Jan 2018 18:54

Tgt Ion:240 Resp: 440403
Ion Ratio Lower Upper
240 100
120 5.2 6.8 10.2#
236 25.0 20.9 31.3





#78

Terphenyl-d14

Concen: 70.640 ng

RT: 20.65 min Scan# 2954

Delta R.T. -0.00 min

Lab File: BG032142.D

Acq: 18 Jan 2018 18:54

Instrument :

BNA_G

ClientSampleId :

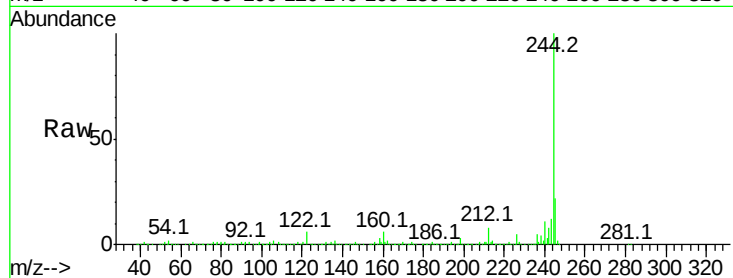
Tot Ion:244 Resp: 1408950

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

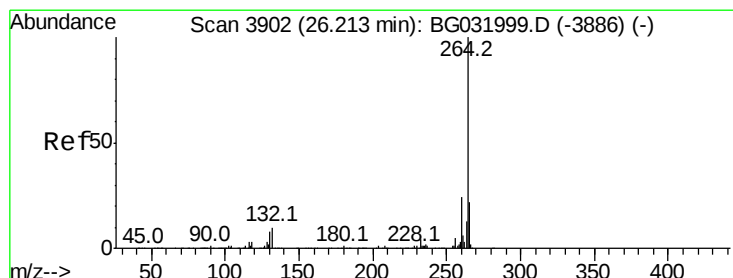
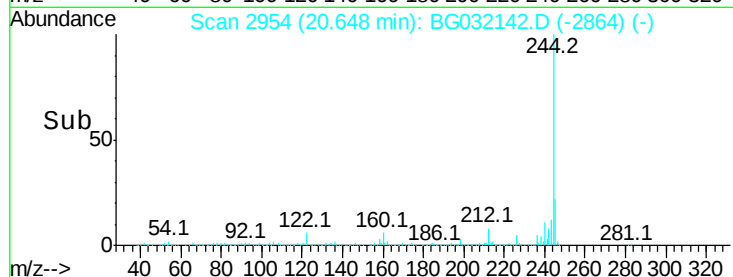
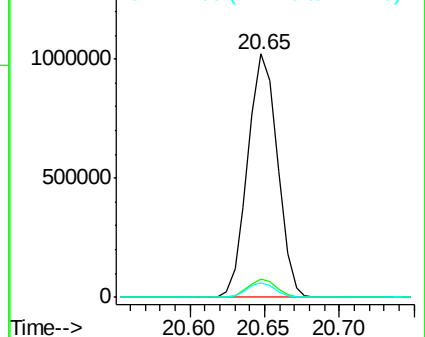
122 6.0 7.0 10.4#



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: 26.15 min Scan# 3891

Delta R.T. 0.00 min

Lab File: BG032142.D

Acq: 18 Jan 2018 18:54

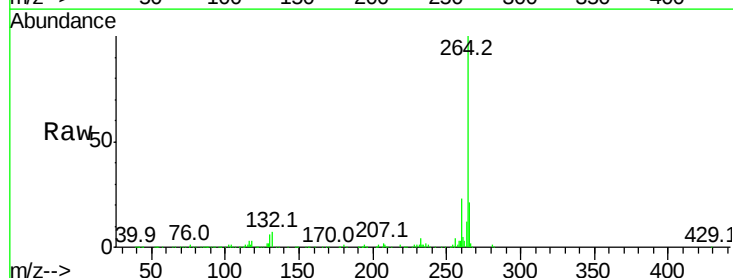
Tgt Ion:264 Resp: 446741

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 21.4 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

