

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093017\
 Data File : BG028985.D
 Acq On : 30 Sep 2017 18:46
 Operator : SJ/JU
 Sample : PB102778BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 01 02:21:38 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

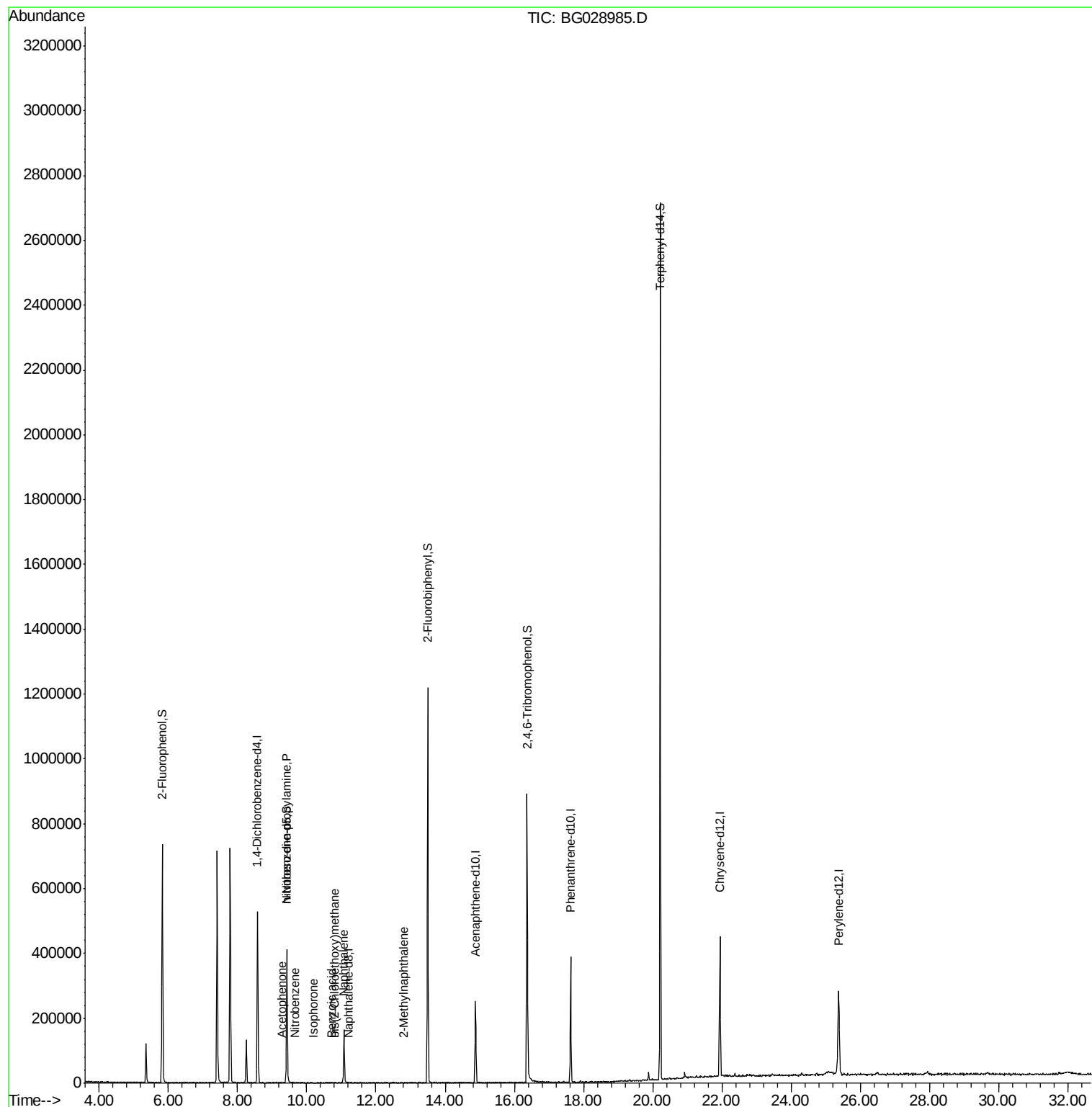
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.58	152	152191	20.00	ng	0.25
21) Naphthalene-d8	11.22	136	139	20.00	ng	0.07
38) Acenaphthene-d10	14.88	164	94546	20.00	ng	-0.07
63) Phenanthrene-d10	17.63	188	250538	20.00	ng	-0.07
75) Chrysene-d12	21.94	240	300206	20.00	ng	-0.09
86) Perylene-d12	25.37	264	313547	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.83	112	324569	35.19	ng	-0.08
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	9.43	82	268180	92295.19	ng	-0.08
41) 2,4,6-Tribromophenol	16.37	330	202831	129.71	ng	-0.07
44) 2-Fluorobiphenyl	13.49	172	661222	93.25	ng	-0.07
78) Terphenyl-d14	20.22	244	1260306	89.53	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.43	70	35286	3.584	ng	# 63
22) Acetophenone	9.28	105	63	15.501	ng	# 41
24) Nitrobenzene	9.66	77	55	17.094	ng	# 49
25) Isophorone	10.18	82	71	12.076	ng	# 67
28) bis(2-Chloroethoxy)methane	10.81	93	62	19.419	ng	# 50
31) Naphthalene	11.06	128	66	9.091	ng	# 67
32) Benzoic acid	10.72	122	69	39.980	ng	# 1
37) 2-Methylnaphthalene	12.80	142	63	11.623	ng	# 14

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

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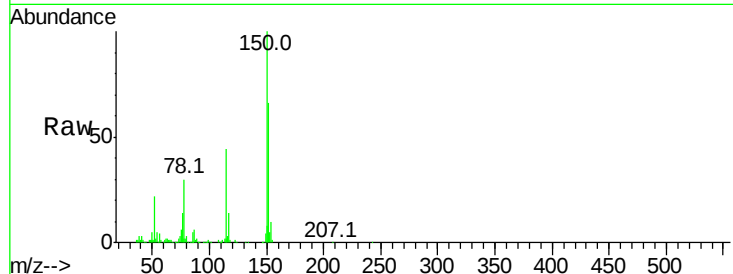


#1

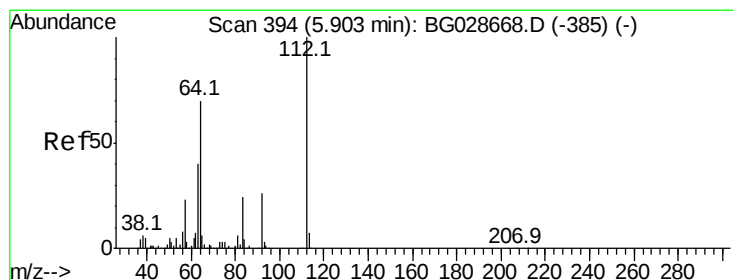
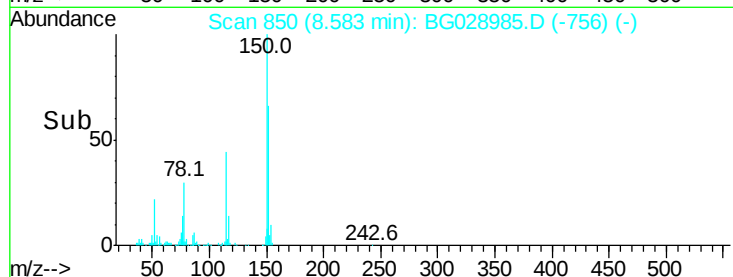
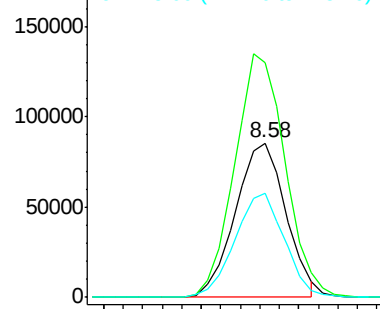
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.58 min Scan# 850
Delta R.T. 0.25 min
Lab File: BG028985.D
Acq: 30 Sep 2017 18:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 152191
Ion Ratio Lower Upper
152 100
150 152.3 114.0 171.0
115 67.1 48.1 72.1



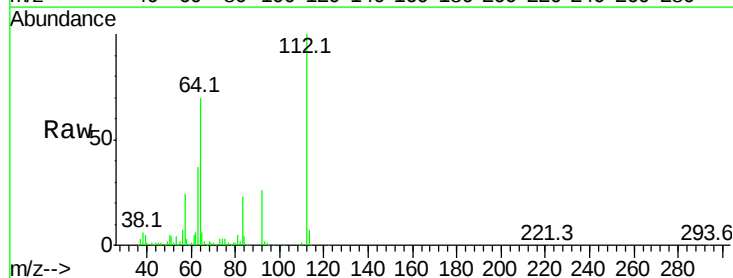
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



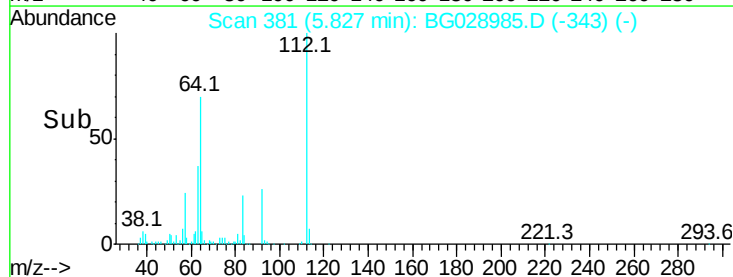
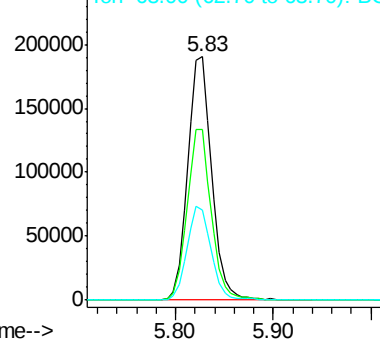
#5

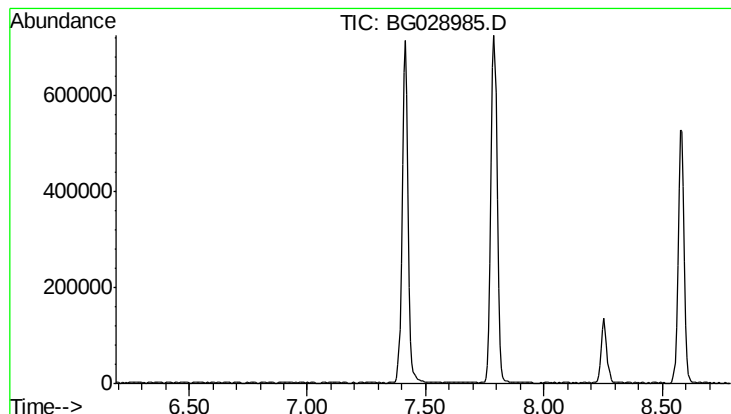
2-Fluorophenol
Concen: 35.190 ng
RT: 5.83 min Scan# 381
Delta R.T. -0.08 min
Lab File: BG028985.D
Acq: 30 Sep 2017 18:46

Tgt Ion:112 Resp: 324569
Ion Ratio Lower Upper
112 100
64 70.2 61.8 92.6
63 37.0 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.49 min

Lab File: BG028985.D

Acq: 30 Sep 2017 18:46

Instrument :

BNA_G

ClientSampleId :

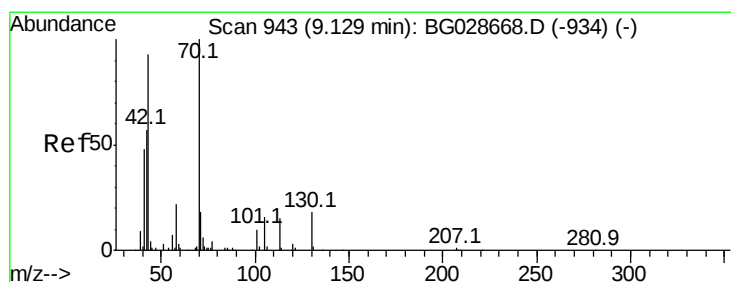
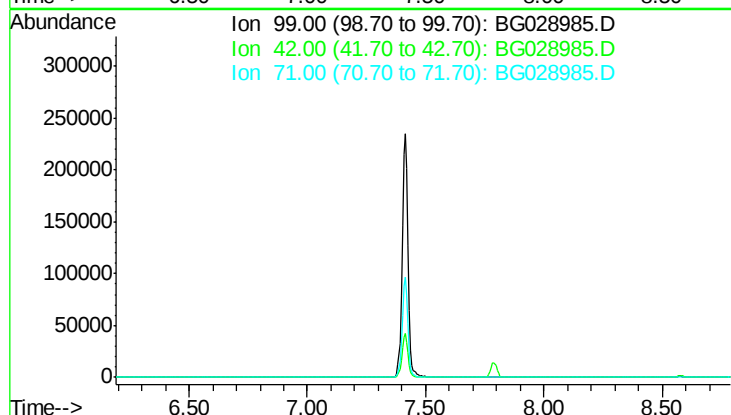
Tot Ion: 99

Sig Exp Ratio

99 100

42 25.6

71 47.0



#19

n-Nitroso-di-n-propylamine

Concen: 3.584 ng

RT: 9.43 min Scan# 994

Delta R.T. 0.30 min

Lab File: BG028985.D

Acq: 30 Sep 2017 18:46

Tgt Ion: 70 Resp: 35286

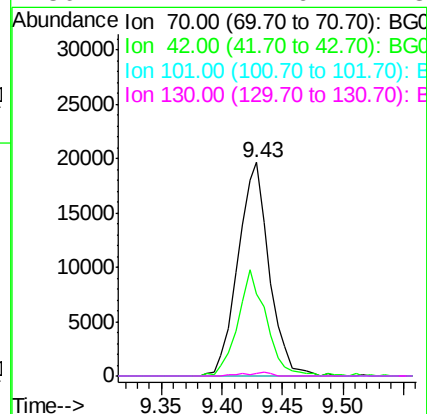
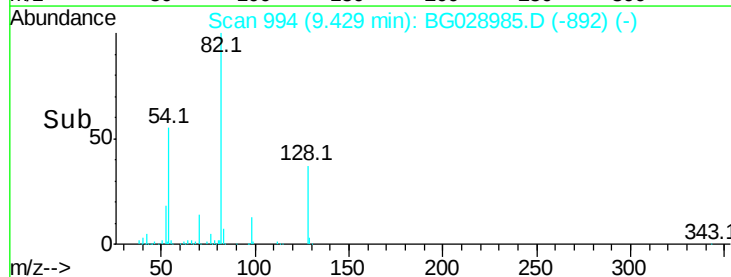
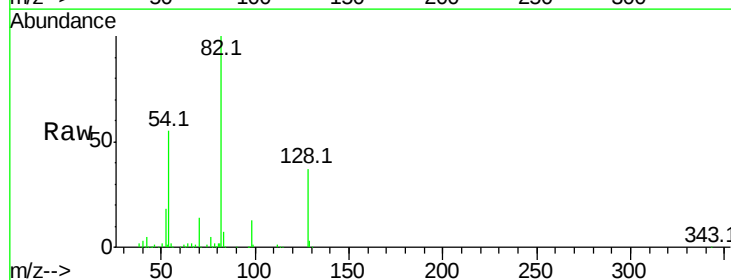
Ion Ratio Lower Upper

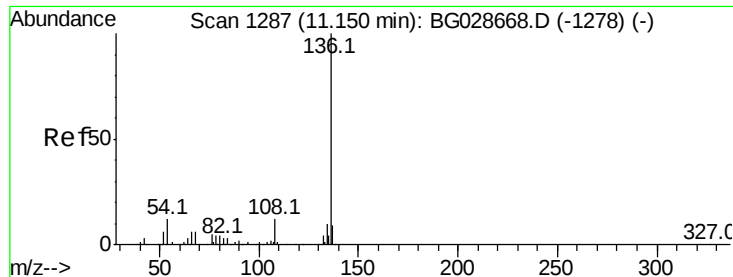
70 100

42 38.2 56.1 84.1#

101 0.0 7.5 11.3#

130 1.4 14.6 21.8#

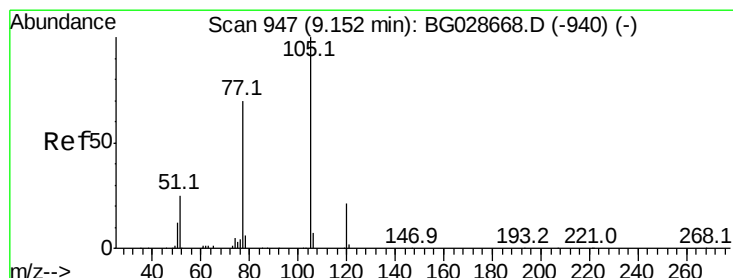
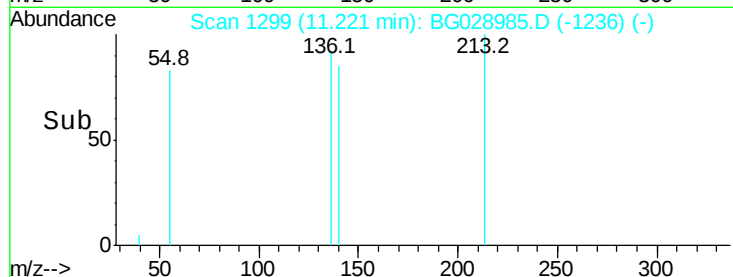
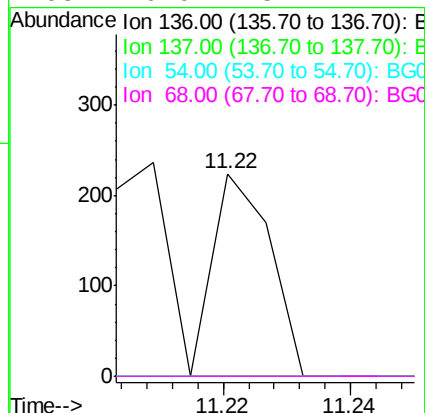
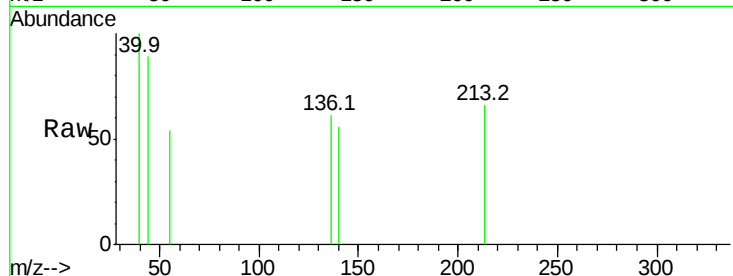




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.22 min Scan# 1299
Delta R.T. 0.07 min
Lab File: BG028985.D
Acq: 30 Sep 2017 18:46

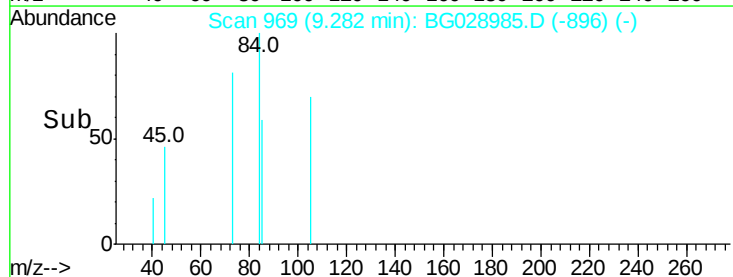
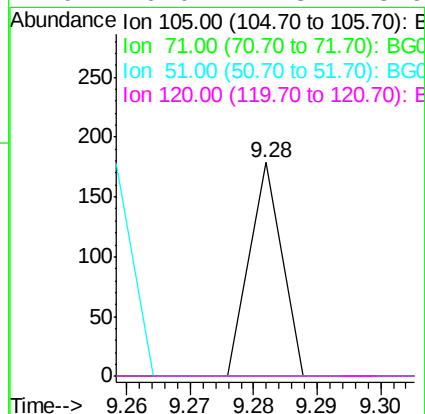
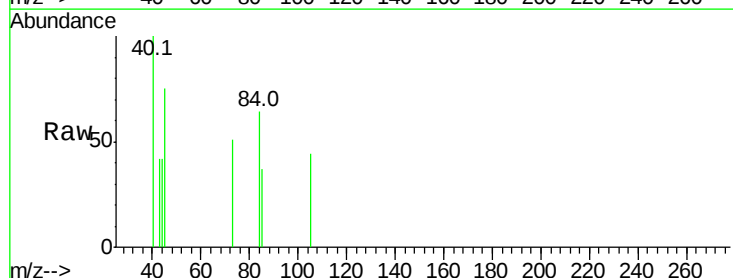
Instrument :
BNA_G
ClientSampleId :

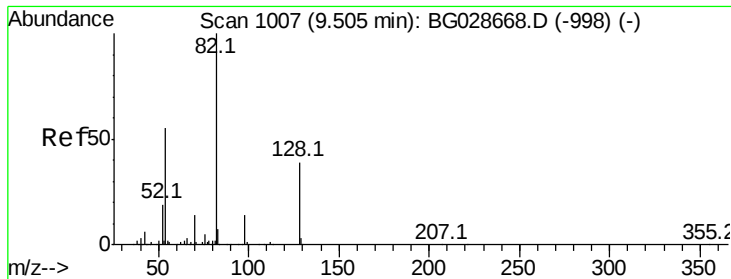
Tot Ion:	136	Resp:	139
Ion	Ratio	Lower	Upper
136	100		
137	0.0	8.9	13.3#
54	0.0	9.3	13.9#
68	0.0	5.1	7.7#



#22
Acetophenone
Concen: 15.501 ng
RT: 9.28 min Scan# 969
Delta R.T. 0.13 min
Lab File: BG028985.D
Acq: 30 Sep 2017 18:46

Tgt Ion:	105	Resp:	63
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.9	1.3#
51	0.0	34.0	51.0#
120	0.0	17.3	25.9#





#23

Nitrobenzene-d5

Concen: 92295.189 ng

RT: 9.43 min Scan# 994

Delta R.T. -0.08 min

Lab File: BG028985.D

Acq: 30 Sep 2017 18:46

Instrument :

BNA_G

ClientSampleId :

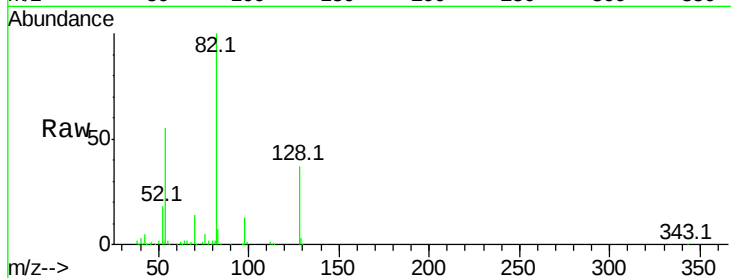
Tot Ion: 82 Resp: 268180

Ion Ratio Lower Upper

82 100

128 37.4 26.4 39.6

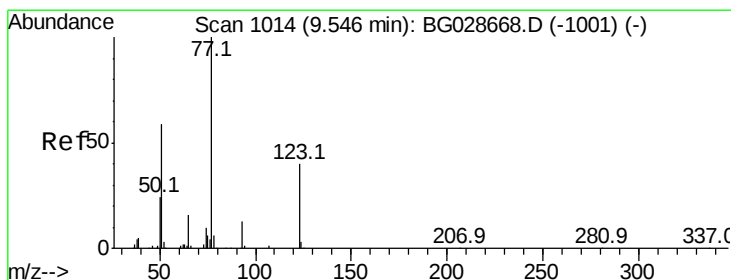
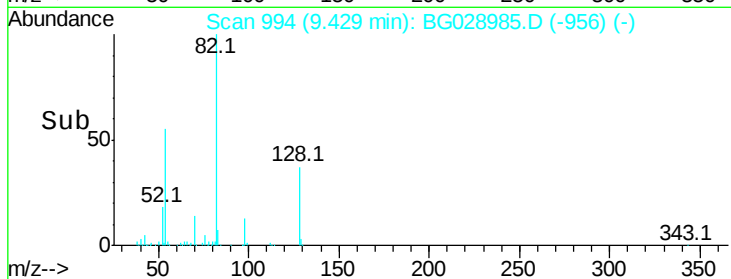
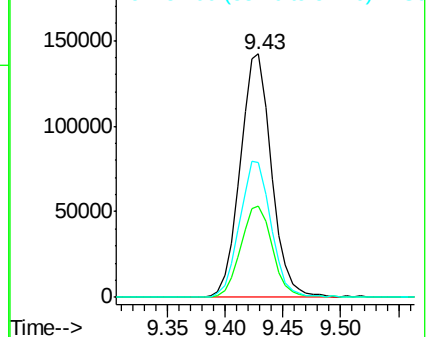
54 55.3 49.4 74.2



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



#24

Nitrobenzene

Concen: 17.094 ng

RT: 9.66 min Scan# 1033

Delta R.T. 0.11 min

Lab File: BG028985.D

Acq: 30 Sep 2017 18:46

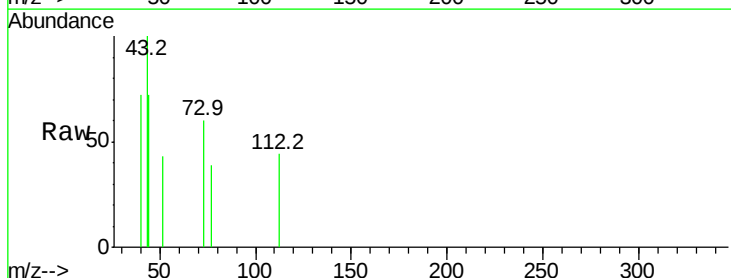
Tgt Ion: 77 Resp: 55

Ion Ratio Lower Upper

77 100

123 0.0 26.1 39.1#

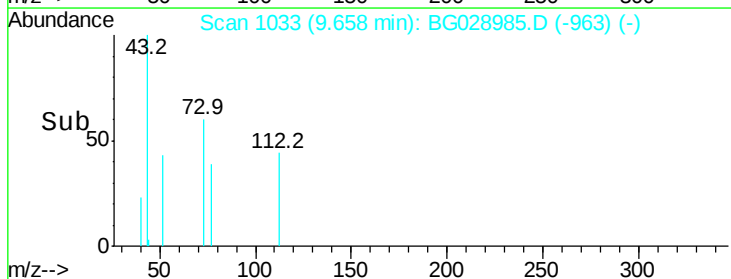
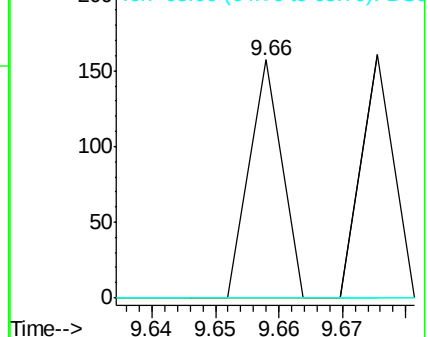
65 0.0 12.4 18.6#

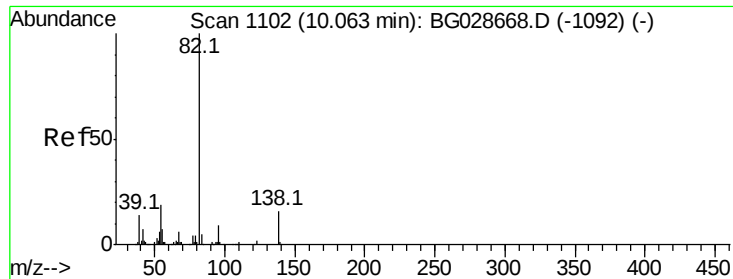


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 12.076 ng

RT: 10.18 min Scan# 1122

Delta R.T. 0.12 min

Lab File: BG028985.D

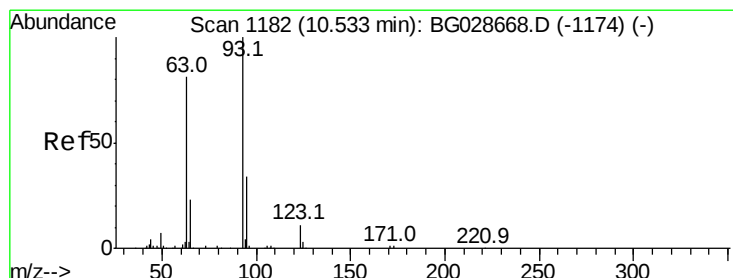
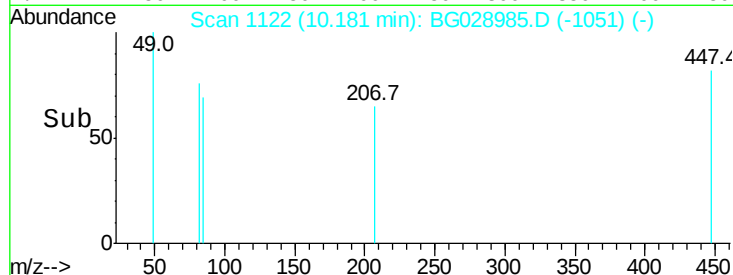
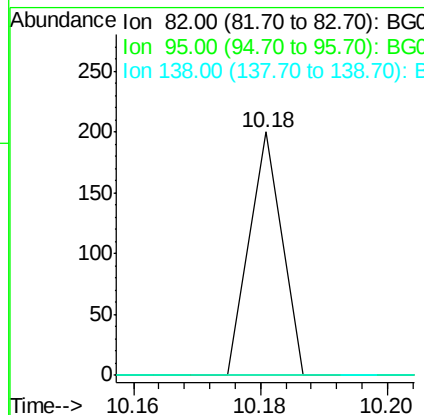
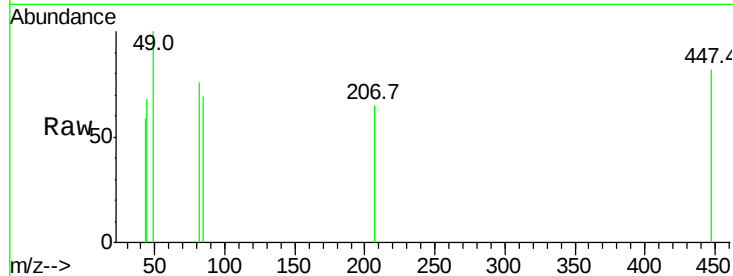
Acq: 30 Sep 2017 18:46

Instrument :

BNA_G

ClientSampled :

Tot Ion	82	Resp	71
Ion	Ratio	Lower	Upper
82	100		
95	0.0	7.5	11.3#
138	0.0	12.3	18.5#



#28

bis(2-Chloroethoxy)methane

Concen: 19.419 ng

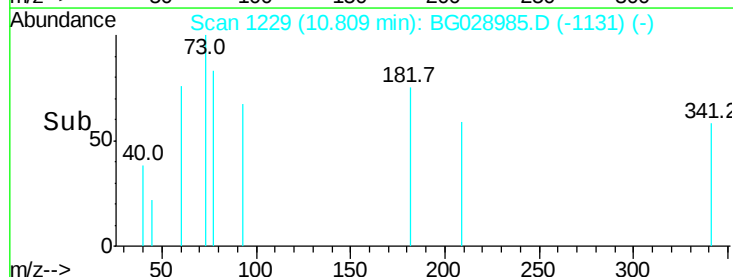
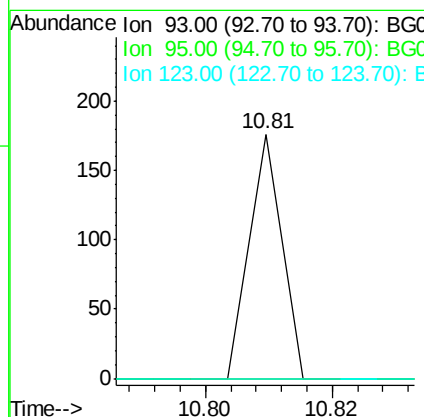
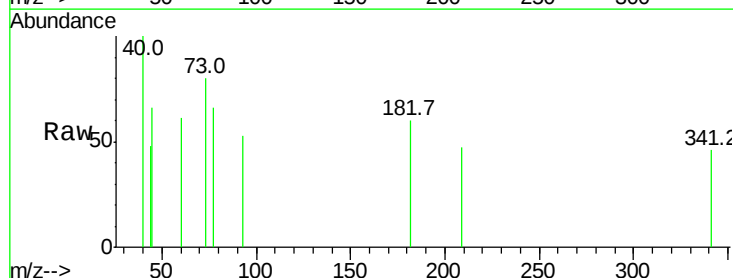
RT: 10.81 min Scan# 1229

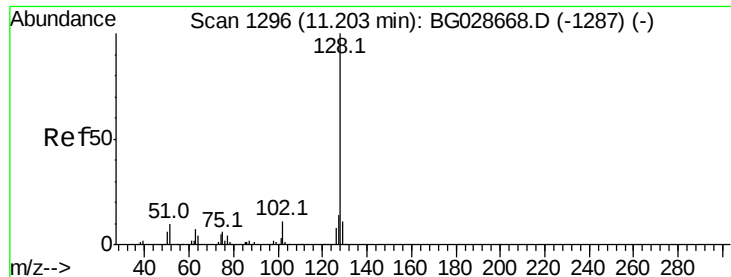
Delta R.T. 0.28 min

Lab File: BG028985.D

Acq: 30 Sep 2017 18:46

Tgt Ion	93	Resp	62
Ion	Ratio	Lower	Upper
93	100		
95	0.0	25.7	38.5#
123	0.0	8.3	12.5#





#31

Naphthalene

Concen: 9.091 ng

RT: 11.06 min Scan# 1272

Delta R.T. -0.14 min

Lab File: BG028985.D

Acq: 30 Sep 2017 18:46

Instrument :

BNA_G

ClientSampleId :

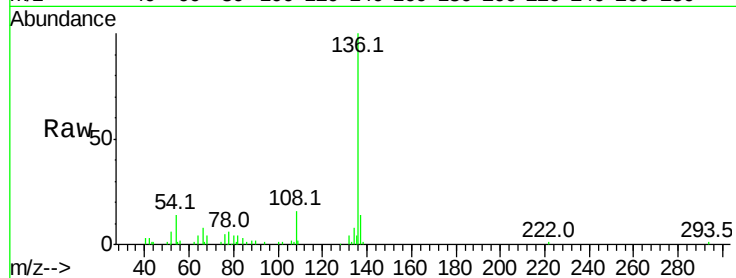
Tot Ion:128 Resp: 66

Ion Ratio Lower Upper

128 100

129 0.0 9.3 13.9#

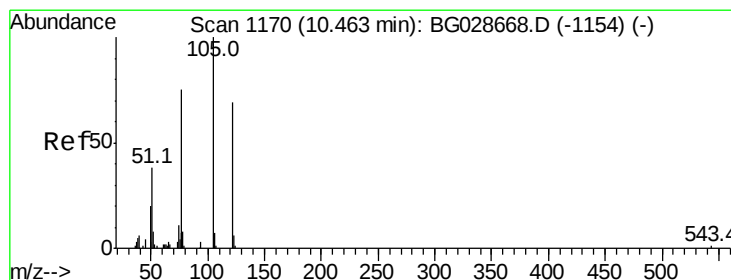
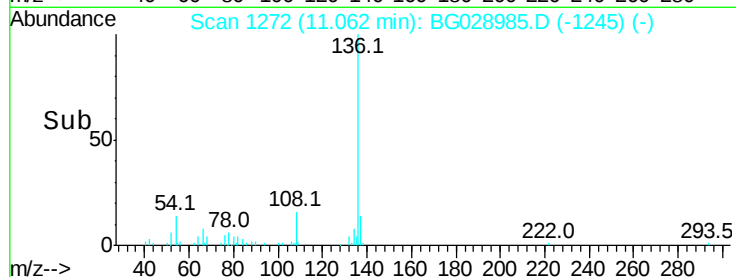
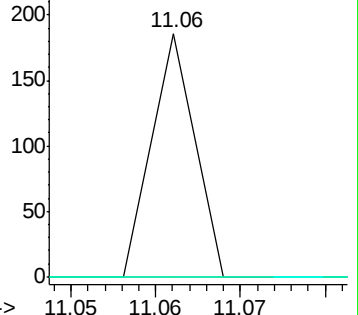
127 0.0 11.4 17.0#



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: 39.980 ng

RT: 10.72 min Scan# 1214

Delta R.T. 0.26 min

Lab File: BG028985.D

Acq: 30 Sep 2017 18:46

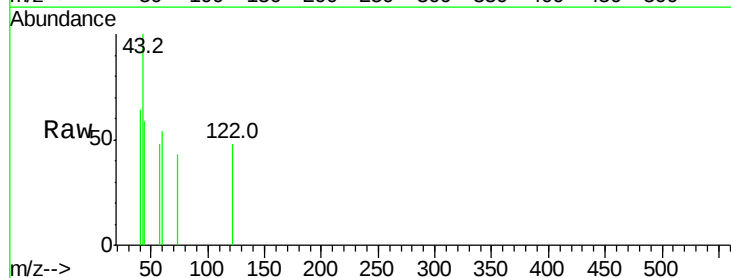
Tgt Ion:122 Resp: 69

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

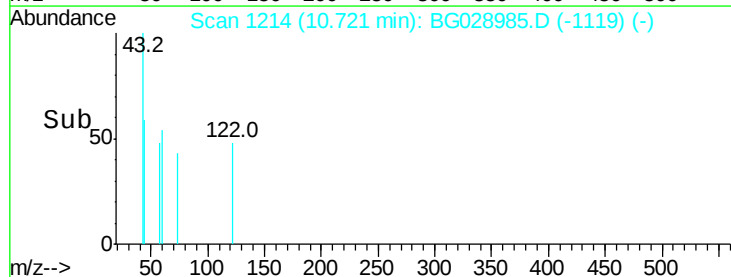
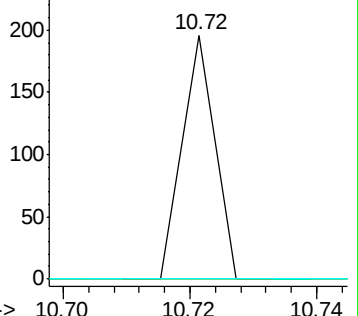
77 0.0 104.6 144.6#

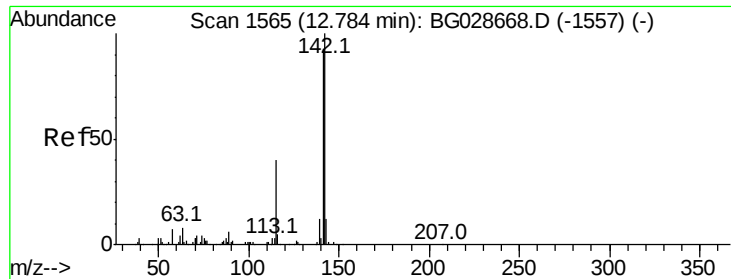


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

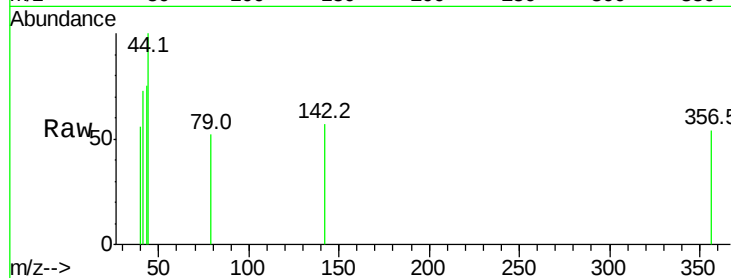




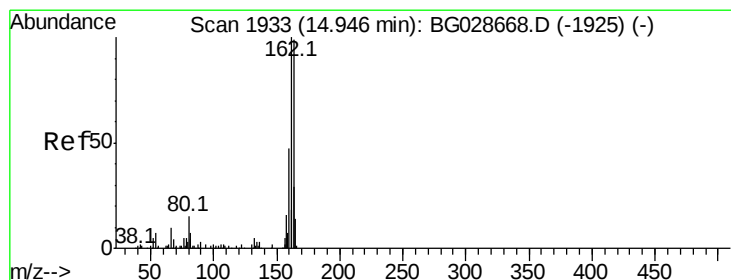
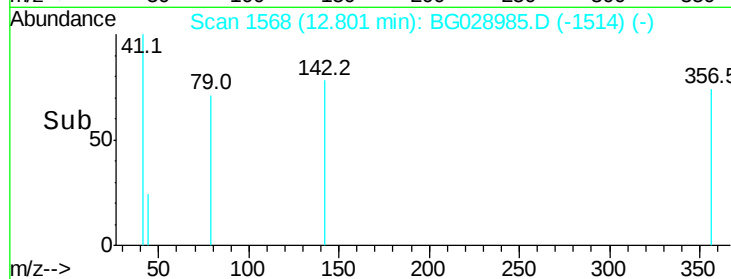
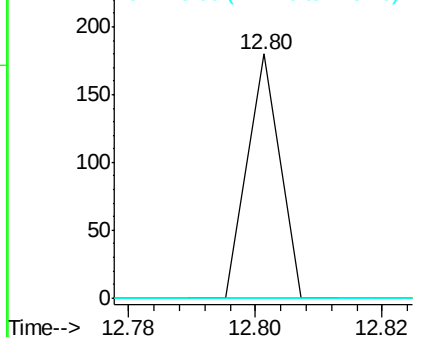
#37
 2-Methylnaphthalene
 Concen: 11.623 ng
 RT: 12.80 min Scan# 1568
 Delta R.T. 0.02 min
 Lab File: BG028985.D
 Acq: 30 Sep 2017 18:46

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:142 Resp: 63
 Ion Ratio Lower Upper
 142 100
 141 0.0 70.4 105.6#
 115 0.0 35.5 53.3#

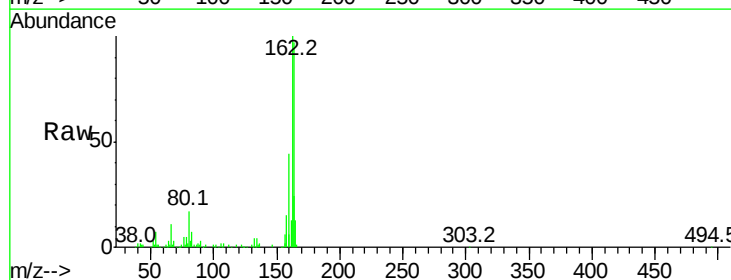


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

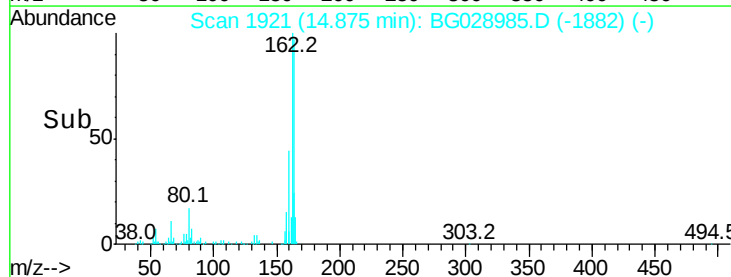
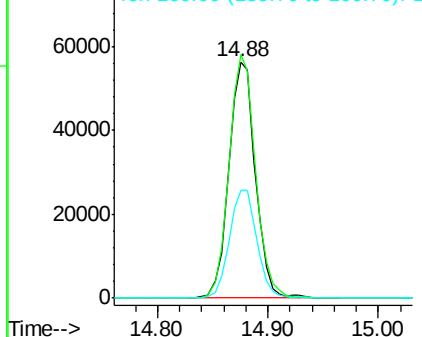


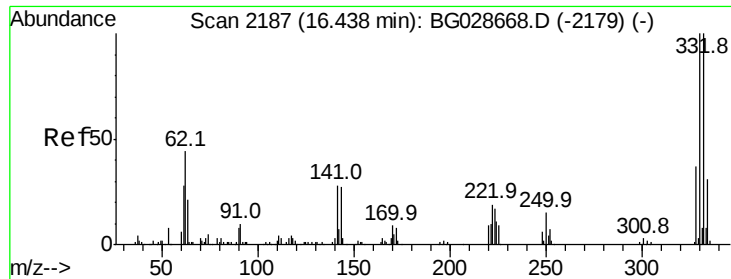
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.88 min Scan# 1921
 Delta R.T. -0.07 min
 Lab File: BG028985.D
 Acq: 30 Sep 2017 18:46

Tgt Ion:164 Resp: 94546
 Ion Ratio Lower Upper
 164 100
 162 103.2 85.1 127.7
 160 45.9 34.7 52.1



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

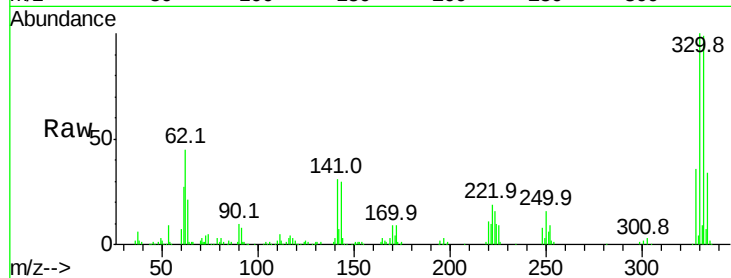




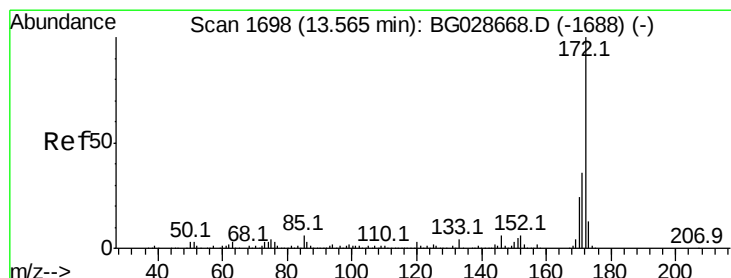
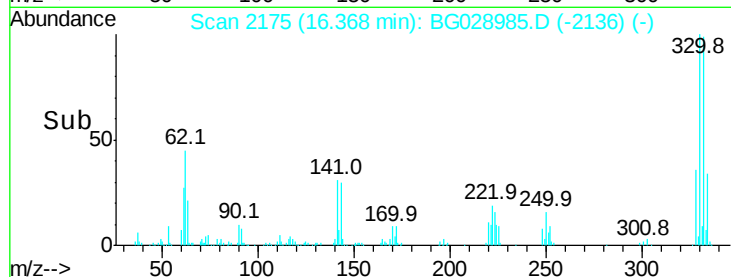
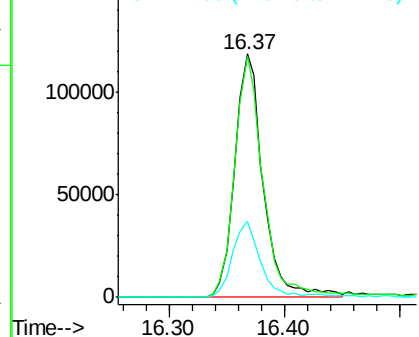
#41
 2,4,6-Tribromophenol
 Concen: 129.709 ng
 RT: 16.37 min Scan# 2175
 Delta R.T. -0.07 min
 Lab File: BG028985.D
 Acq: 30 Sep 2017 18:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.2	77.3	115.9
141	31.1	32.1	48.1#

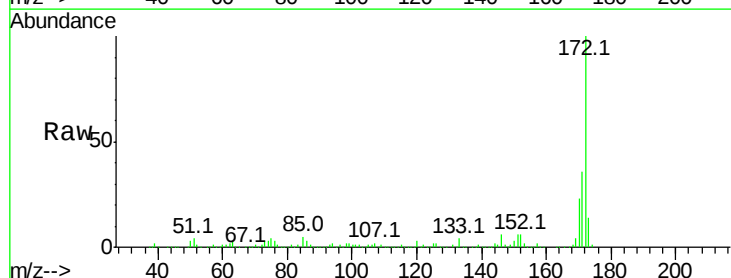


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

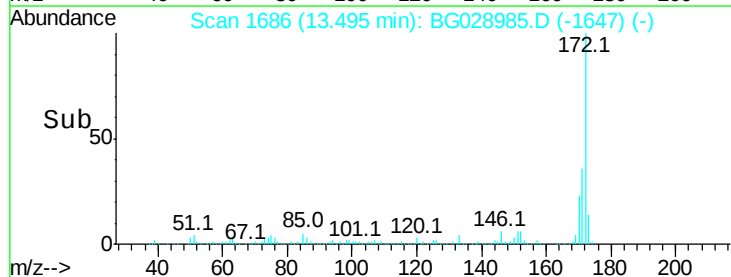
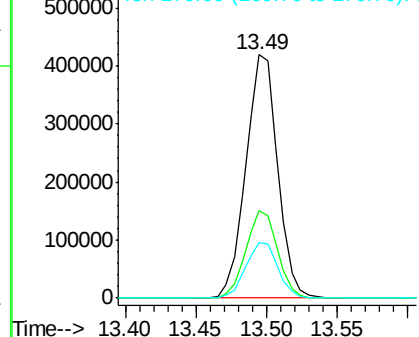


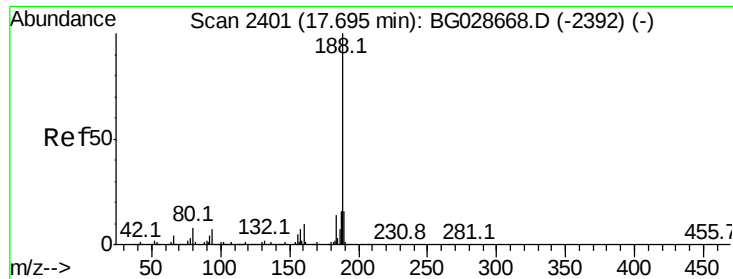
#44
 2-Fluorobiphenyl
 Concen: 93.255 ng
 RT: 13.49 min Scan# 1686
 Delta R.T. -0.07 min
 Lab File: BG028985.D
 Acq: 30 Sep 2017 18:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	32.2	48.2
170	22.7	21.8	32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

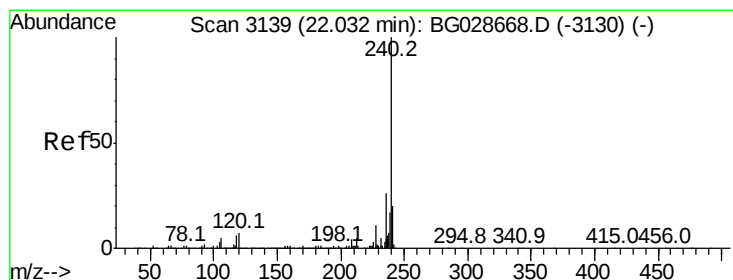
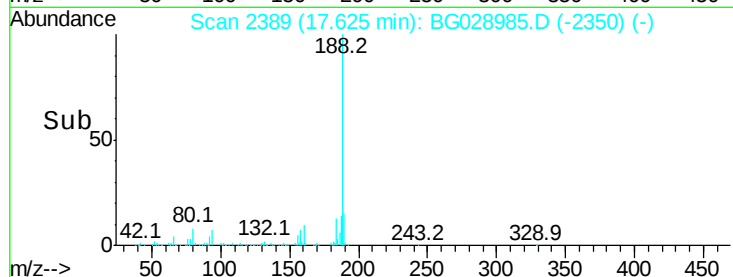
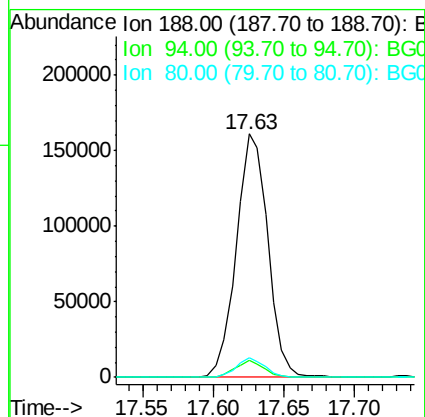
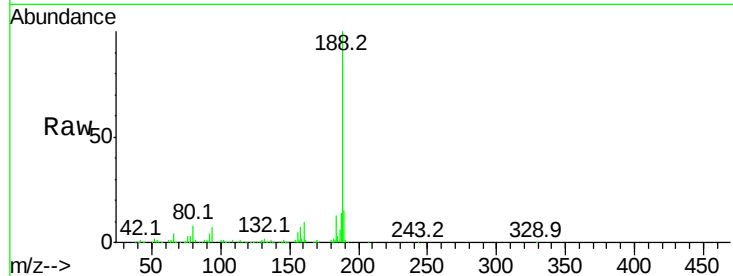




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.63 min Scan# 2389
Delta R.T. -0.07 min
Lab File: BG028985.D
Acq: 30 Sep 2017 18:46

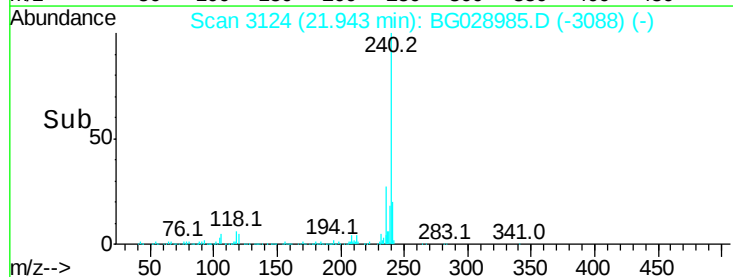
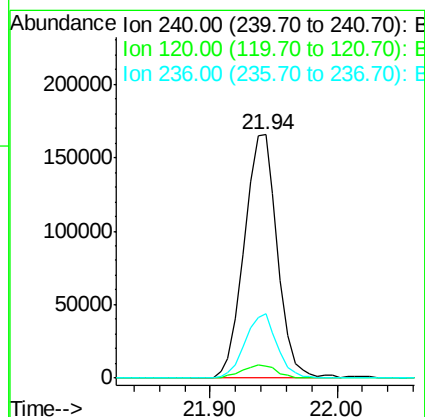
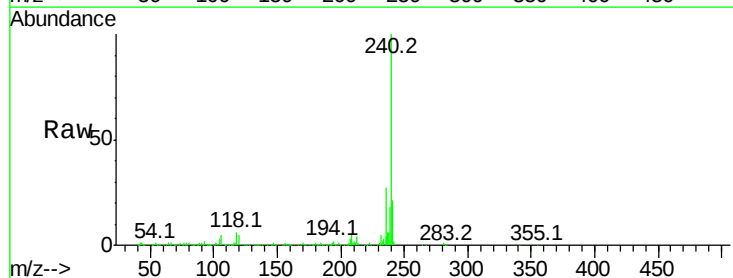
Instrument :
BNA_G
ClientSampleId :

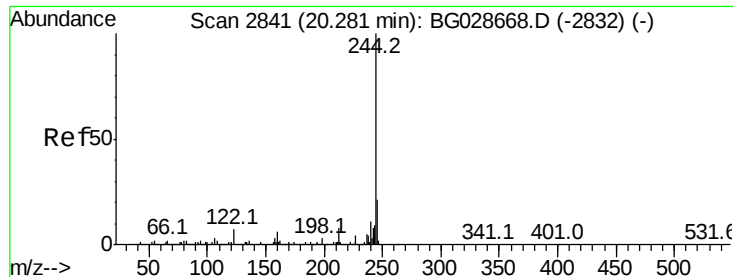
Tot Ion:188 Resp: 250538
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.8
80 8.3 7.5 11.3



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.94 min Scan# 3124
Delta R.T. -0.09 min
Lab File: BG028985.D
Acq: 30 Sep 2017 18:46

Tgt Ion:240 Resp: 300206
Ion Ratio Lower Upper
240 100
120 4.7 5.7 8.5#
236 26.5 22.2 33.4





#78

Terphenyl-d14

Concen: 89.528 ng

RT: 20.22 min Scan# 2830

Delta R.T. -0.06 min

Lab File: BG028985.D

Acq: 30 Sep 2017 18:46

Instrument :

BNA_G

ClientSampleId :

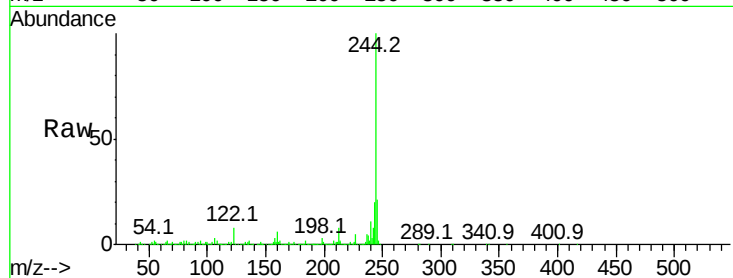
Tot Ion:244 Resp: 1260306

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

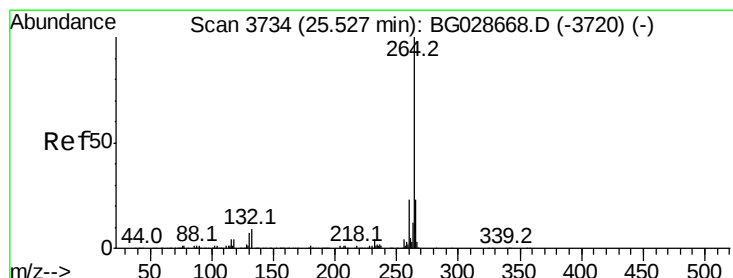
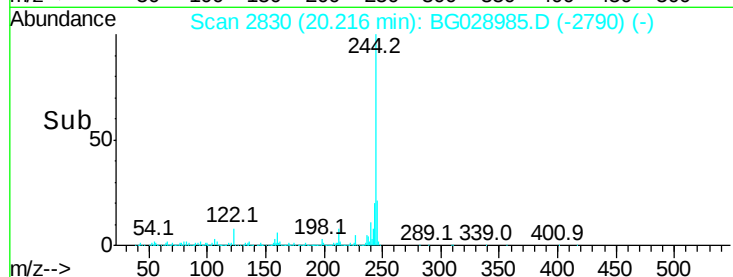
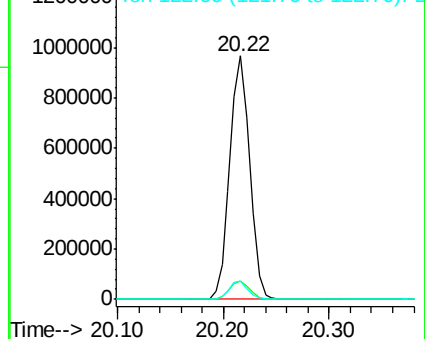
122 7.6 8.6 12.8#



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: 25.37 min Scan# 3708

Delta R.T. -0.15 min

Lab File: BG028985.D

Acq: 30 Sep 2017 18:46

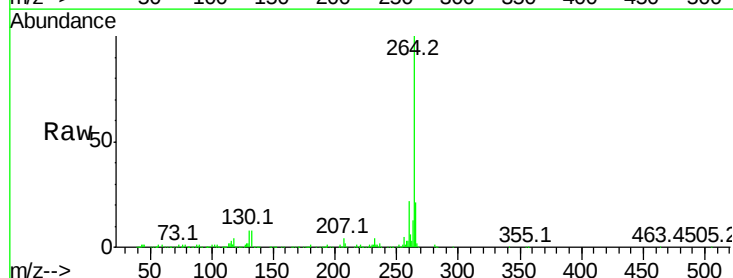
Tgt Ion:264 Resp: 313547

Ion Ratio Lower Upper

264 100

260 22.4 21.8 32.8

265 20.9 18.2 27.4



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

