

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112817\
 Data File : BG031263.D
 Acq On : 28 Nov 2017 22:21
 Operator : SJ/JU
 Sample : I6592-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 29 06:23:09 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

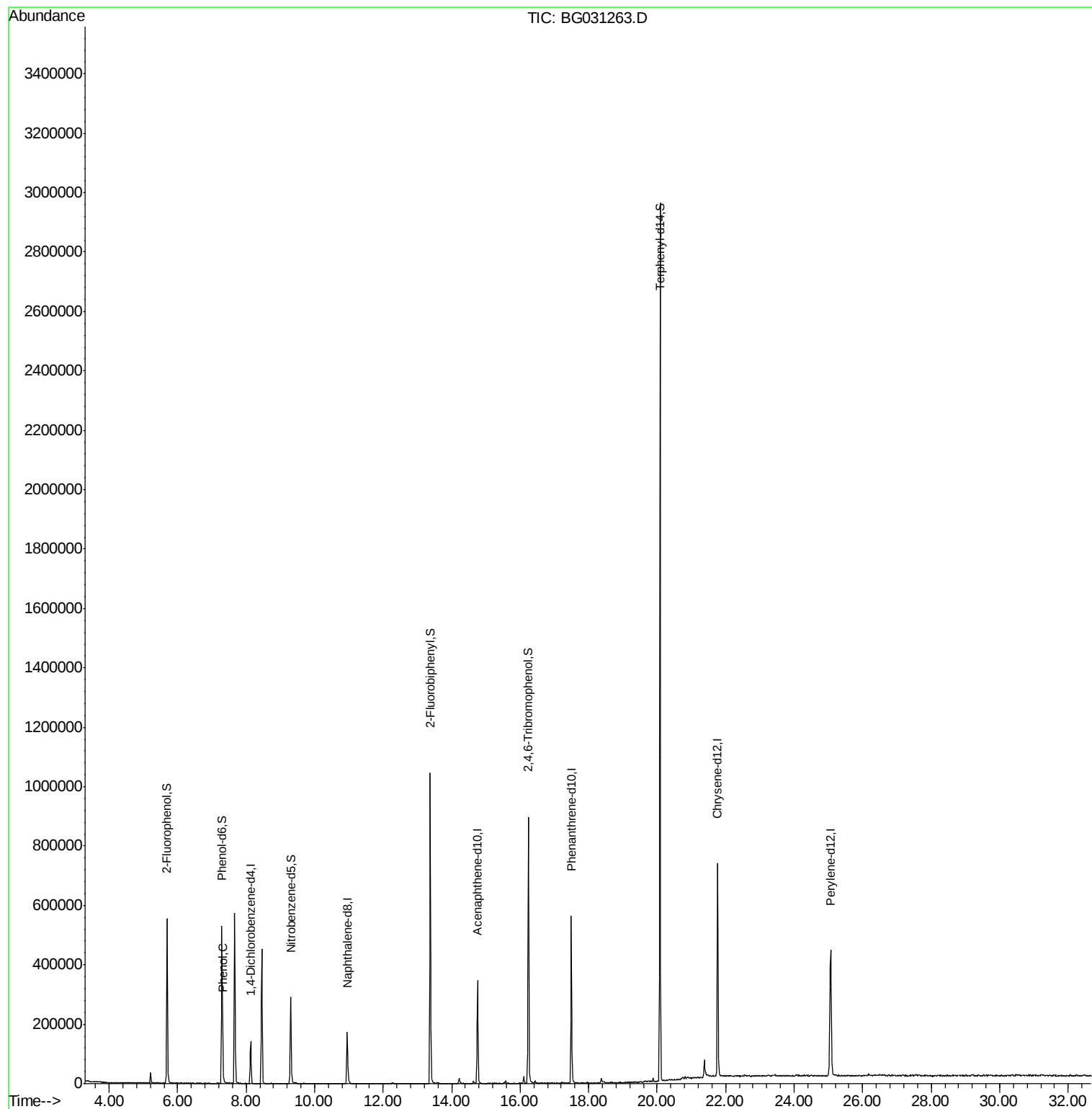
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	44770	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	196816	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	137546	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	393096	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	491921	20.00	ng	-0.02
86) Perylene-d12	25.06	264	479212	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	280007	107.25	ng	-0.02
7) Phenol-d6	7.29	99	369387	105.02	ng	-0.02
23) Nitrobenzene-d5	9.30	82	207497	62.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	198281	89.11	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	637137	66.56	ng	-0.03
78) Terphenyl-d14	20.08	244	1427441	64.07	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	8842	2.42	ng	Qvalue # 64

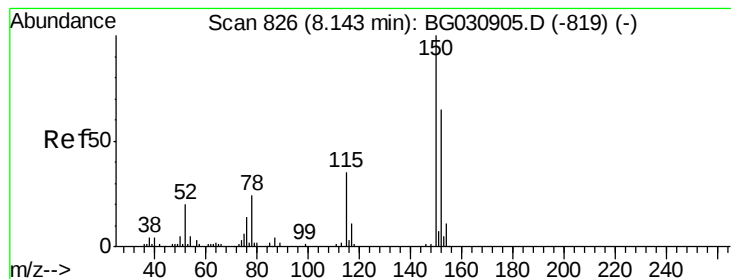
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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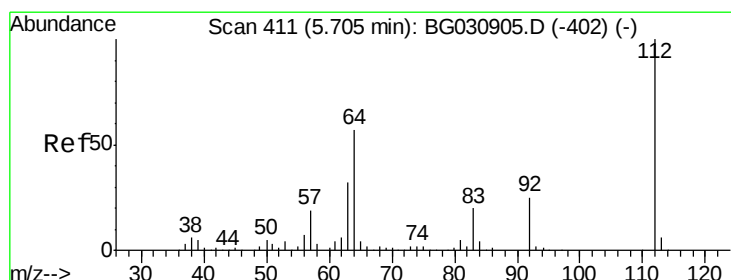
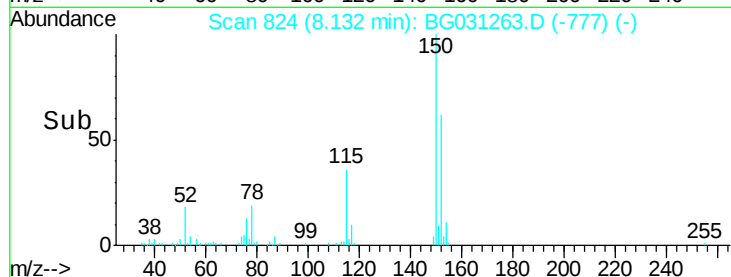
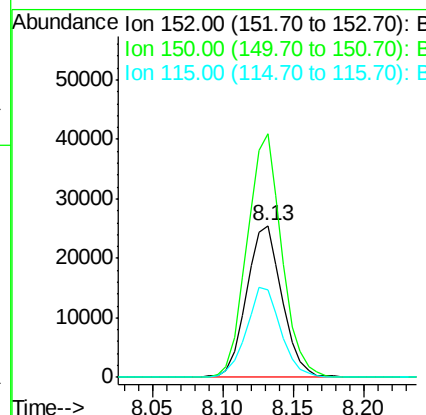
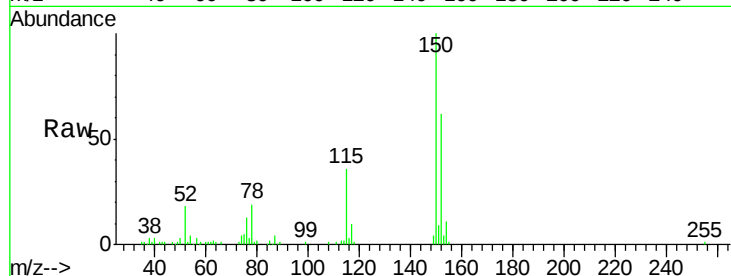


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031263.D
Acq: 28 Nov 2017 22:21

Instrument :
BNA_G
ClientSampleId :

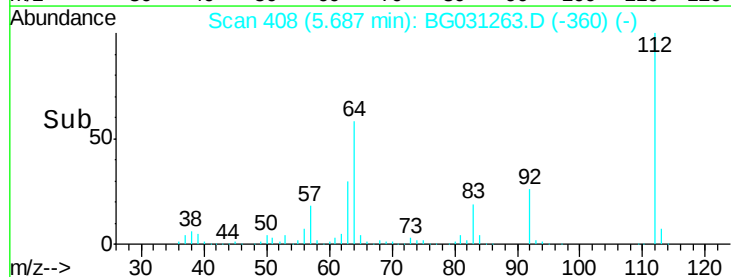
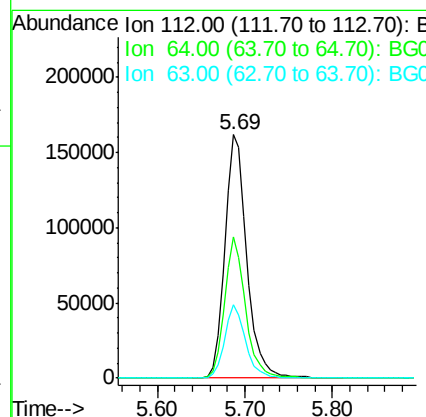
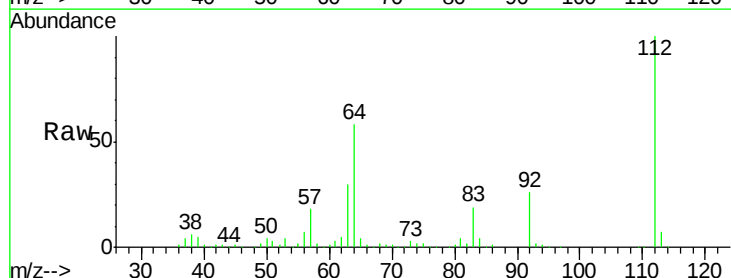
Tot Ion:152 Resp: 44770
Ion Ratio Lower Upper
152 100
150 160.3 126.6 189.8
115 57.3 53.0 79.4

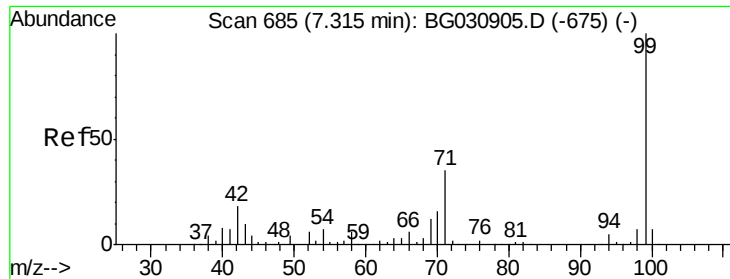


#5

2-Fluorophenol
Concen: 107.25 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031263.D
Acq: 28 Nov 2017 22:21

Tgt Ion:112 Resp: 280007
Ion Ratio Lower Upper
112 100
64 58.2 56.3 84.5
63 30.0 30.1 45.1#





#7

Phenol-d6

Concen: 105.02 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.02 min

Lab File: BG031263.D

Acq: 28 Nov 2017 22:21

Instrument :

BNA_G

ClientSampled :

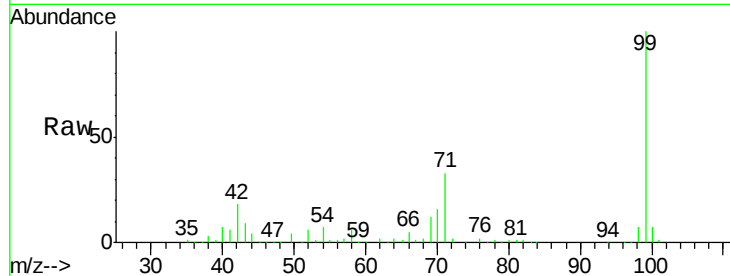
Tot Ion: 99 Resp: 369387

Ion Ratio Lower Upper

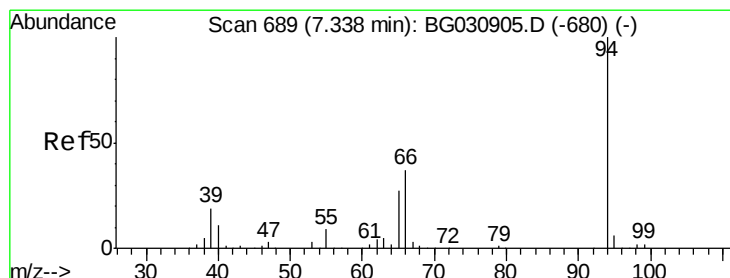
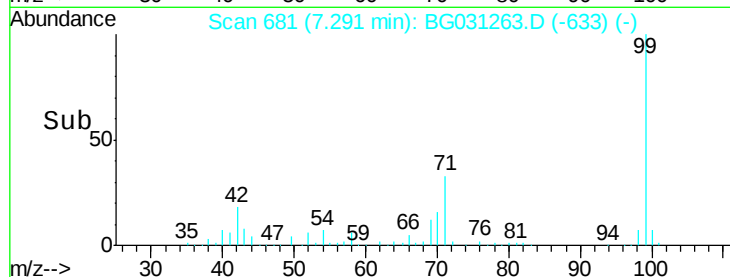
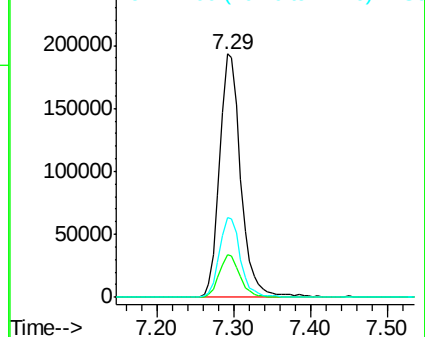
99 100

42 17.5 14.1 21.1

71 32.9 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: 2.42 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.02 min

Lab File: BG031263.D

Acq: 28 Nov 2017 22:21

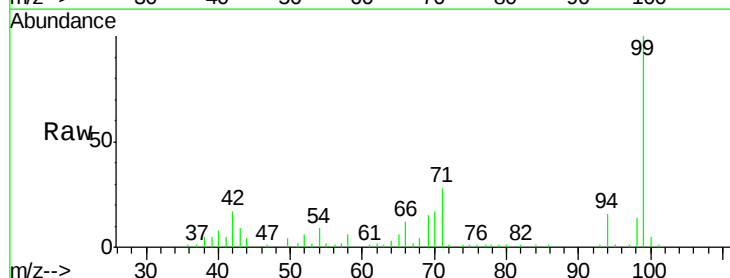
Tgt Ion: 94 Resp: 8842

Ion Ratio Lower Upper

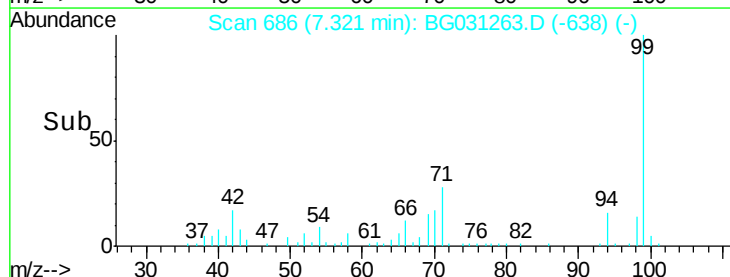
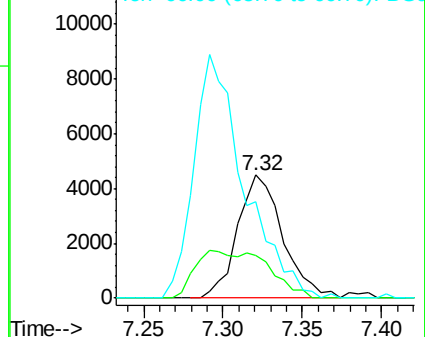
94 100

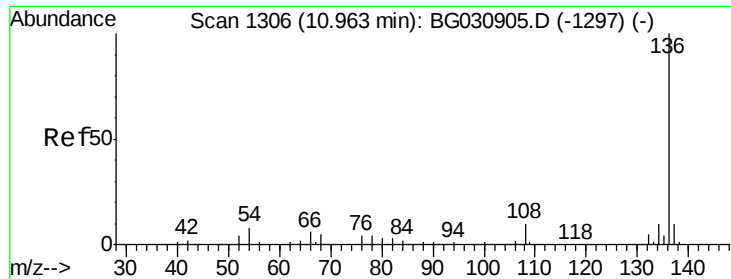
65 35.1 11.9 51.9

66 79.0 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

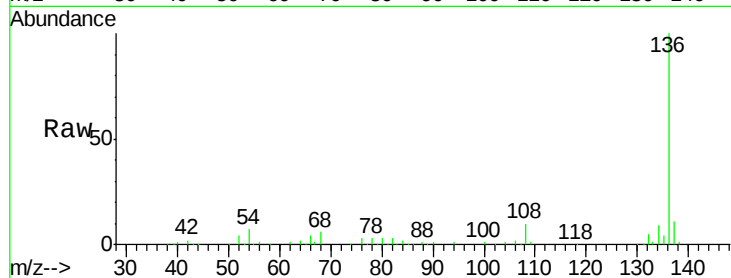




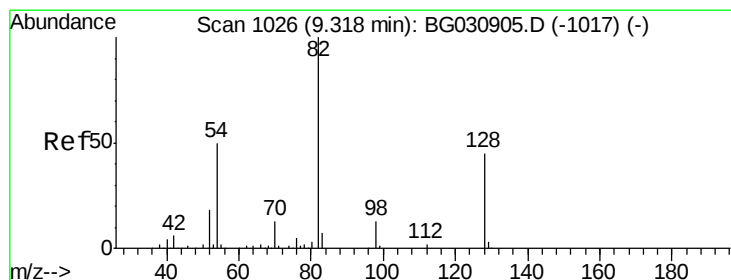
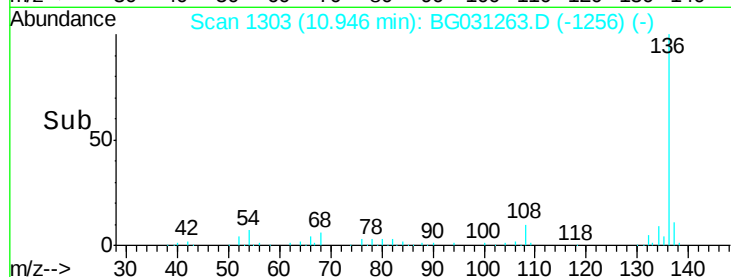
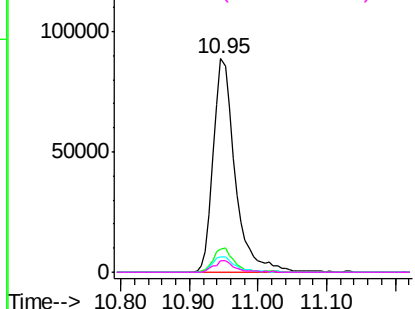
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG031263.D
Acq: 28 Nov 2017 22:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	196816
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.2 13.8
54	7.3	10.3 15.5#
68	5.7	4.5 6.7

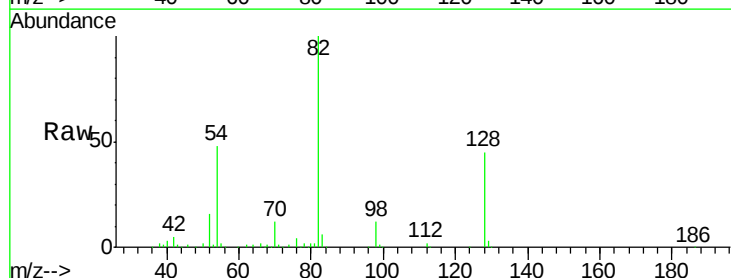


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

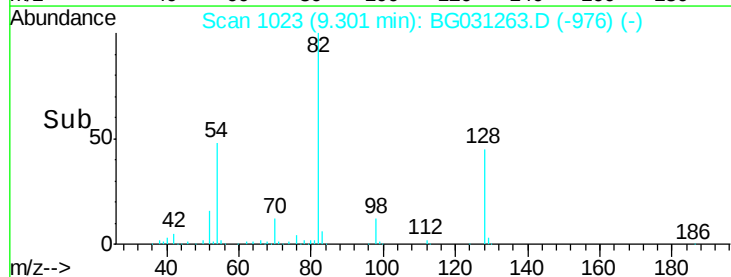
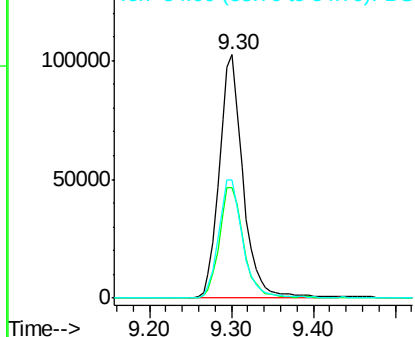


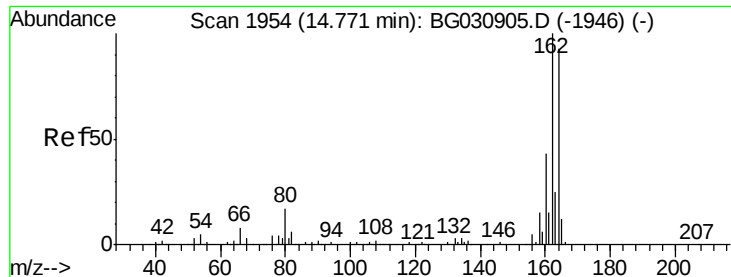
#23
Nitrobenzene-d5
Concen: 62.47 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031263.D
Acq: 28 Nov 2017 22:21

Tgt Ion: 82	Resp:	207497
Ion Ratio	Lower	Upper
82	100	
128	45.5	29.7 44.5#
54	48.4	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: 20.00 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031263.D

Acq: 28 Nov 2017 22:21

Instrument :

BNA_G

ClientSampleId :

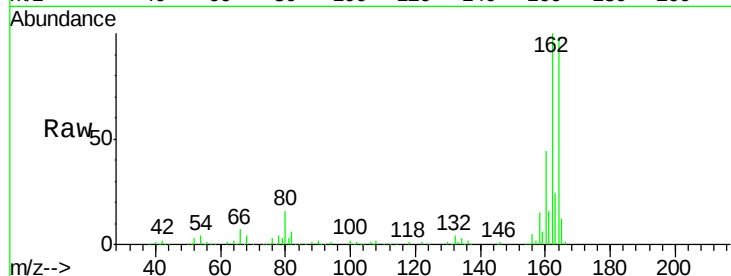
Tot Ion:164 Resp: 137546

Ion Ratio Lower Upper

164 100

162 102.2 78.8 118.2

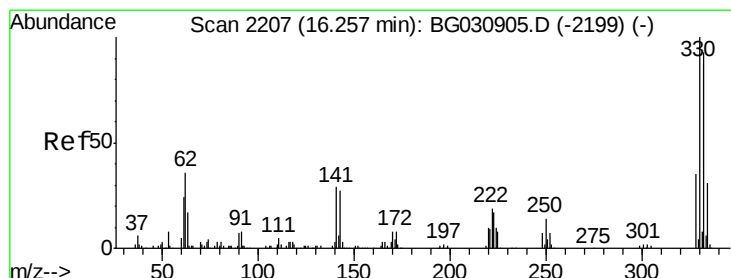
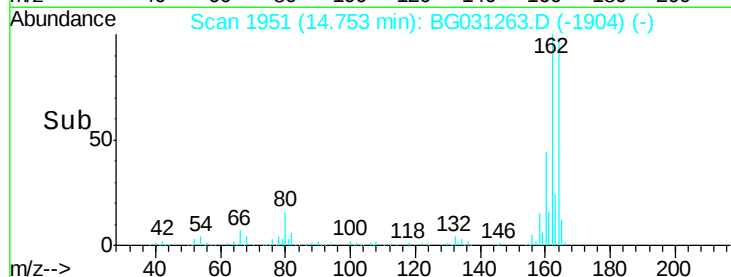
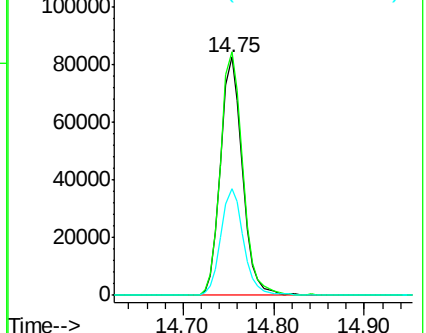
160 45.0 35.4 53.0



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: 89.11 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031263.D

Acq: 28 Nov 2017 22:21

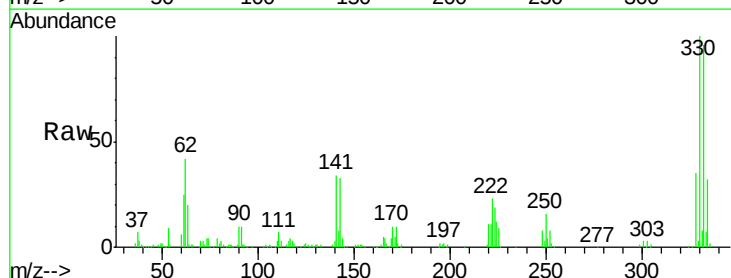
Tgt Ion:330 Resp: 198281

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

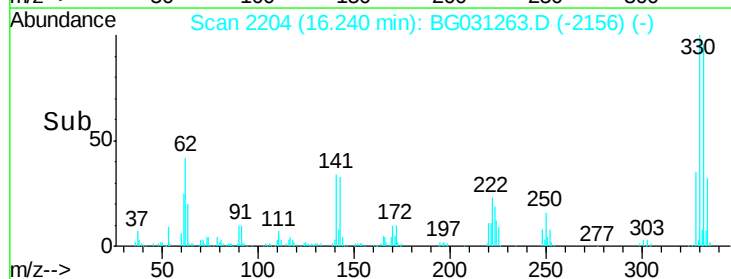
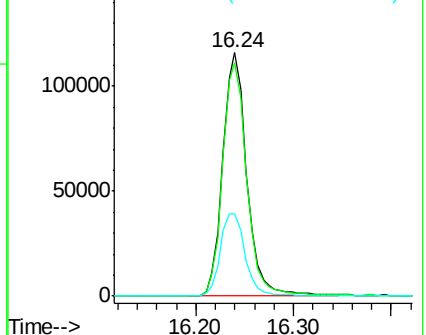
141 35.5 25.2 37.8

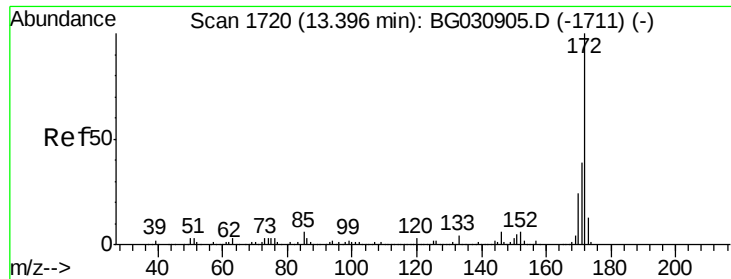


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

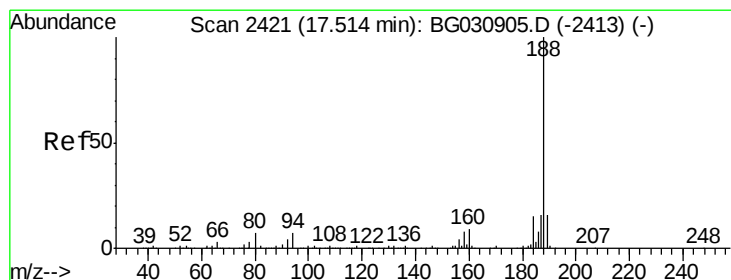
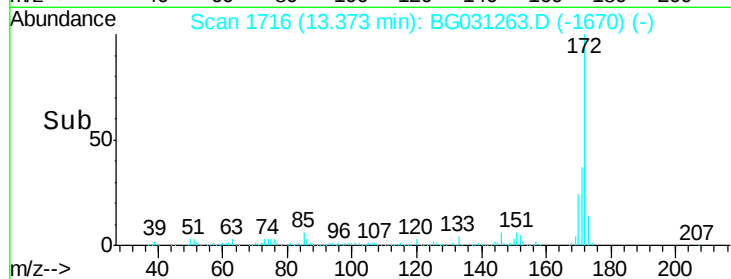
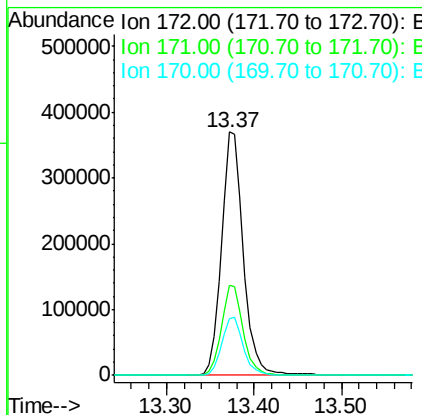
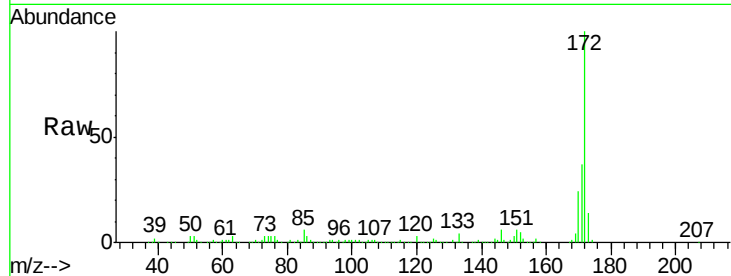




#44
 2-Fluorobiphenyl
 Concen: 66.56 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031263.D
 Acq: 28 Nov 2017 22:21

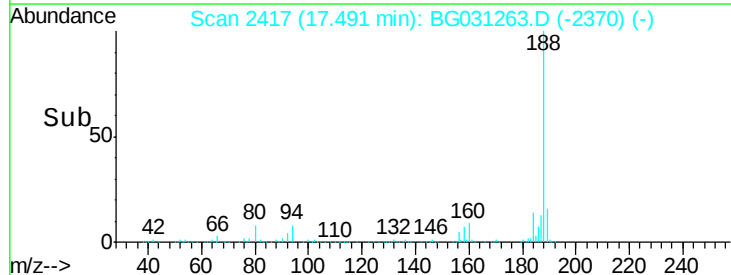
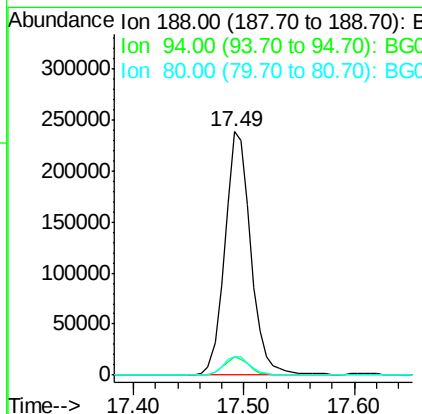
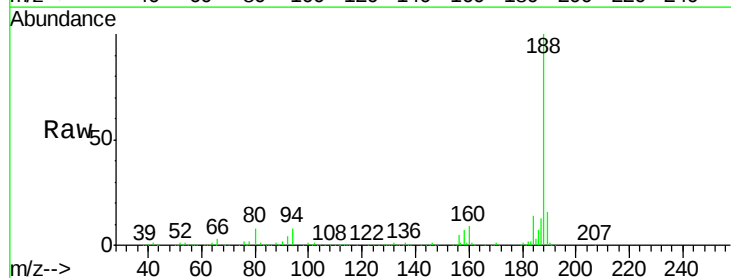
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	23.5	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG031263.D
 Acq: 28 Nov 2017 22:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	7.6	7.7	11.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG031263.D

Acq: 28 Nov 2017 22:21

Instrument :

BNA_G

ClientSampleId :

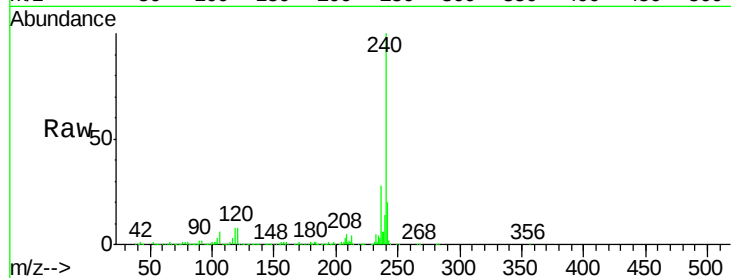
Tot Ion:240 Resp: 491921

Ion Ratio Lower Upper

240 100

120 8.2 6.8 10.2

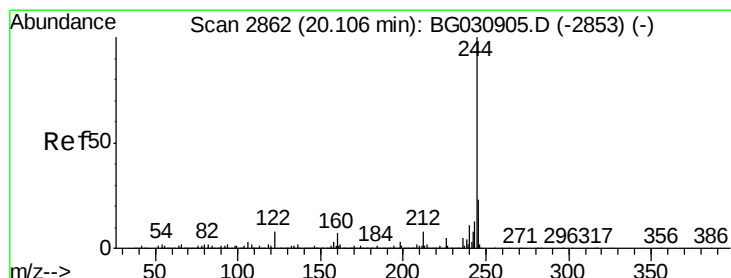
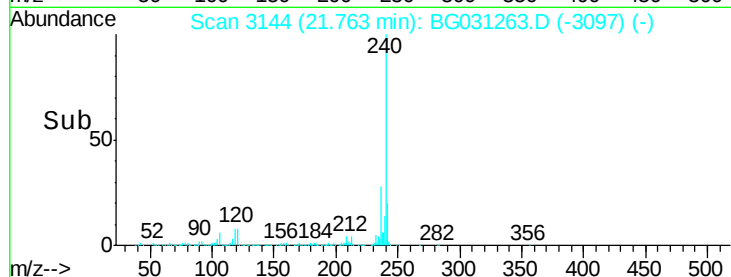
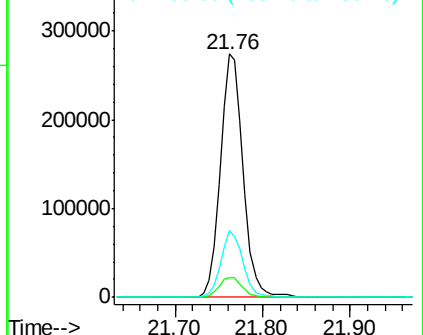
236 27.6 20.9 31.3



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



#78

Terphenyl-d14

Concen: 64.07 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031263.D

Acq: 28 Nov 2017 22:21

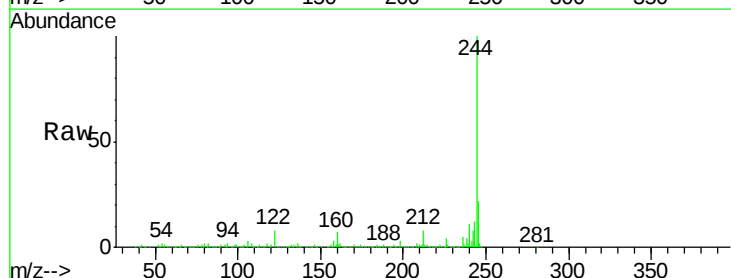
Tgt Ion:244 Resp: 1427441

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

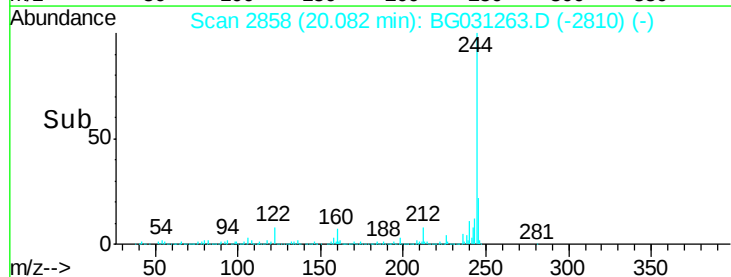
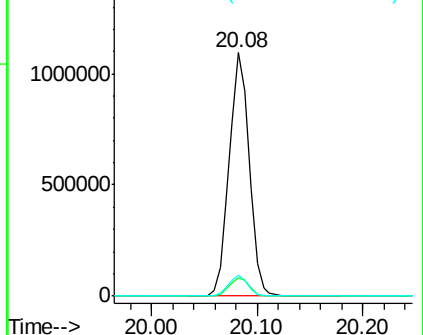
122 8.4 7.0 10.4

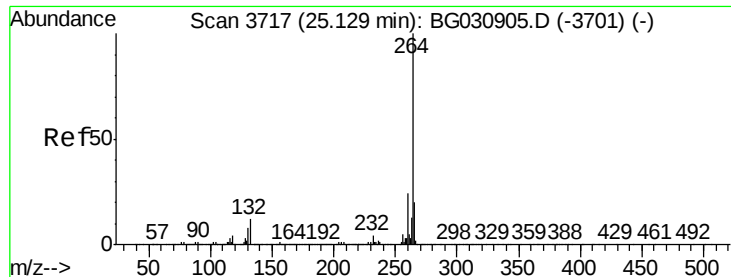


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.03 min
Lab File: BG031263.D
Acq: 28 Nov 2017 22:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.6	17.7	26.5

