

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093017\
 Data File : BG028994.D
 Acq On : 1 Oct 2017 00:42
 Operator : SJ/JU
 Sample : I5511-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 01 02:24:35 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

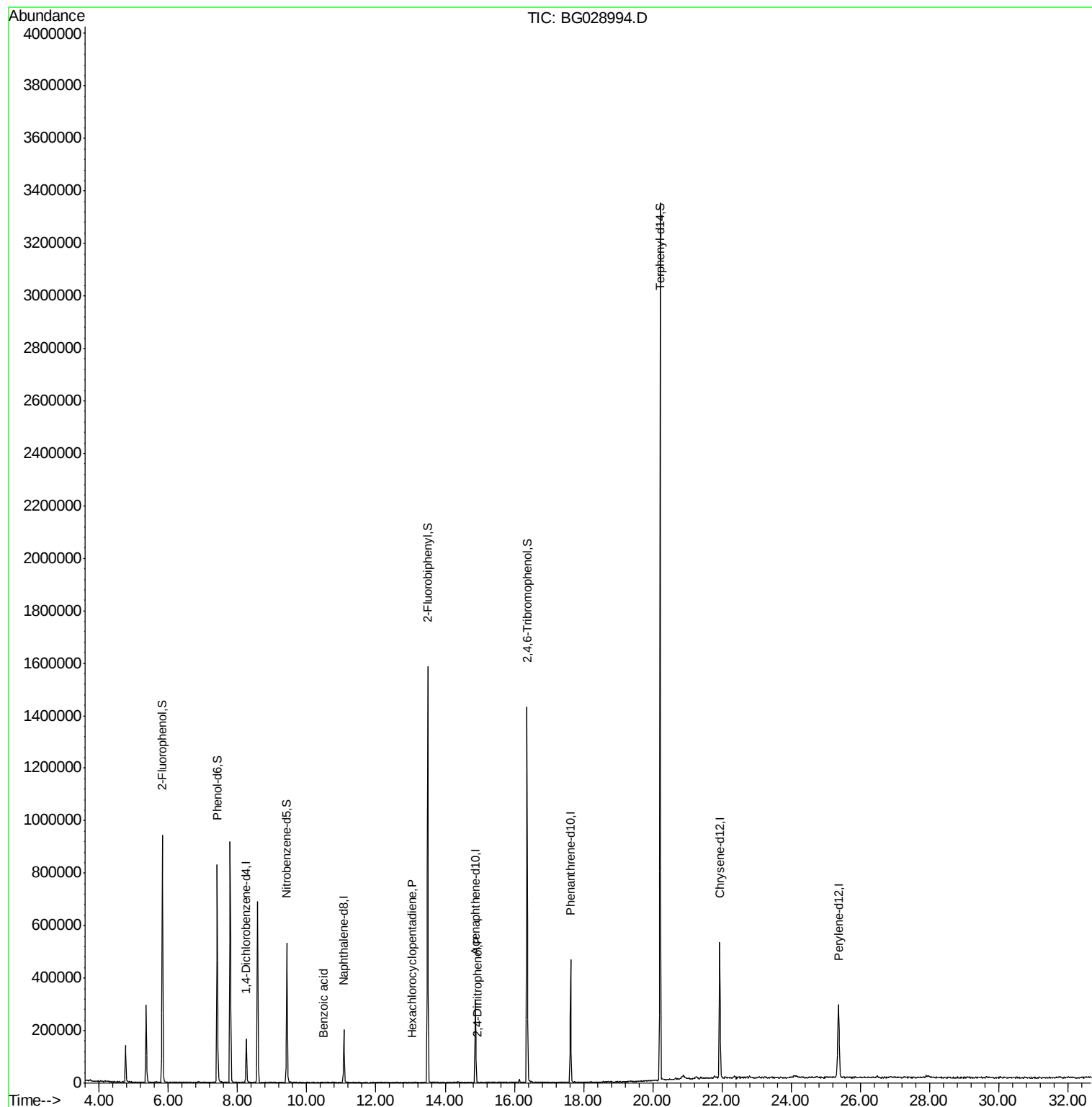
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	44800	20.00	ng	-0.08
21) Naphthalene-d8	11.07	136	173751	20.00	ng	-0.08
38) Acenaphthene-d10	14.88	164	115340	20.00	ng	-0.07
63) Phenanthrene-d10	17.63	188	306760	20.00	ng	-0.07
75) Chrysene-d12	21.94	240	356691	20.00	ng	-0.09
86) Perylene-d12	25.36	264	355794	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.83	112	389971	143.63	ng	-0.08
7) Phenol-d6	7.41	99	486312	118.96	ng	-0.08
23) Nitrobenzene-d5	9.42	82	351079	96.66	ng	-0.08
41) 2,4,6-Tribromophenol	16.37	330	304010	159.36	ng	-0.07
44) 2-Fluorobiphenyl	13.49	172	858527	99.25	ng	-0.07
78) Terphenyl-d14	20.22	244	1581080	94.53	ng	-0.06
Target Compounds						
32) Benzoic acid	10.47	122	62	6.110	ng	# 1
40) Hexachlorocyclopentadiene	13.04	237	64	7.634	ng	# 29
53) 2,4-Dinitrophenol	14.92	184	56	8.046	ng	# 15

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

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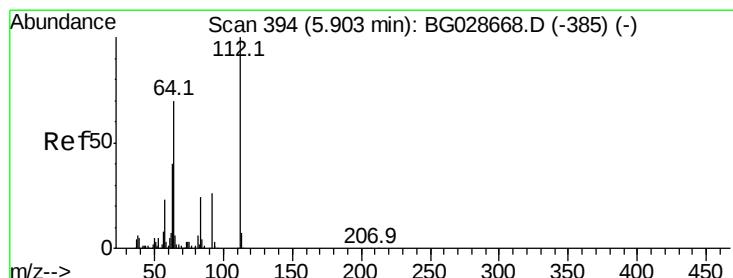
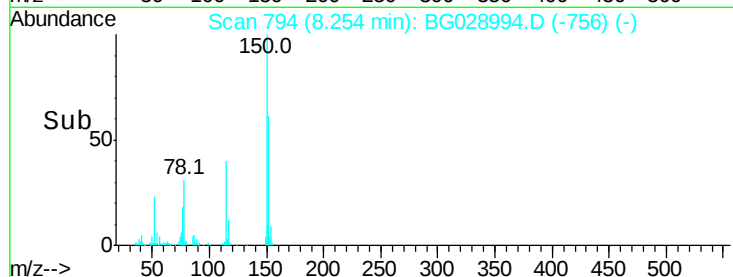
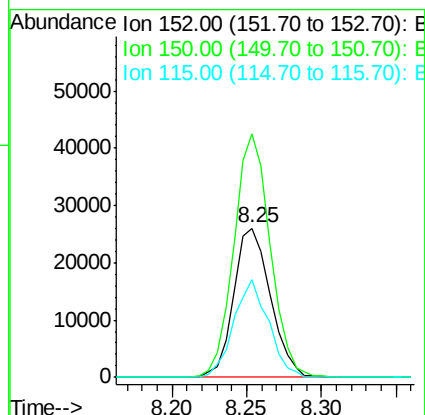
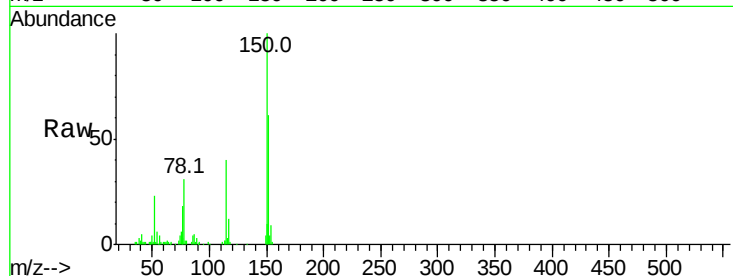


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.25 min Scan# 794
Delta R.T. -0.08 min
Lab File: BG028994.D
Acq: 1 Oct 2017 00:42

Instrument :
BNA_G
ClientSampleId :

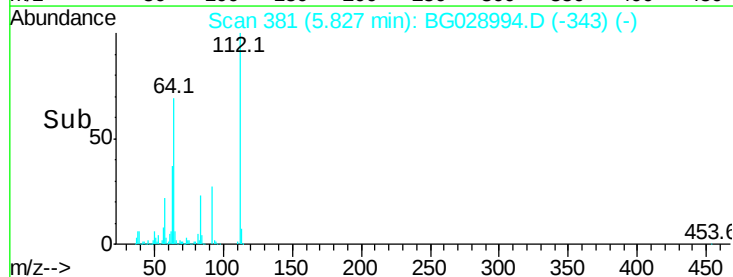
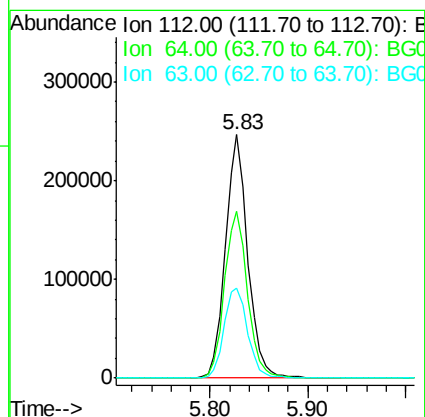
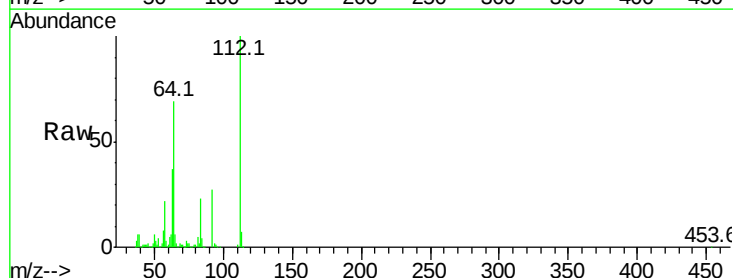
Tot Ion:152 Resp: 44800
Ion Ratio Lower Upper
152 100
150 163.1 114.0 171.0
115 65.3 48.1 72.1

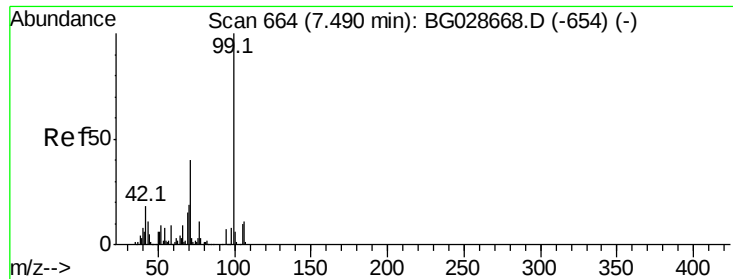


#5

2-Fluorophenol
Concen: 143.632 ng
RT: 5.83 min Scan# 381
Delta R.T. -0.08 min
Lab File: BG028994.D
Acq: 1 Oct 2017 00:42

Tgt Ion:112 Resp: 389971
Ion Ratio Lower Upper
112 100
64 68.6 61.8 92.6
63 37.0 37.2 55.8#





#7

Phenol-d6

Concen: 118.965 ng

RT: 7.41 min Scan# 651

Delta R.T. -0.08 min

Lab File: BG028994.D

Acq: 1 Oct 2017 00:42

Instrument :

BNA_G

ClientSampleId :

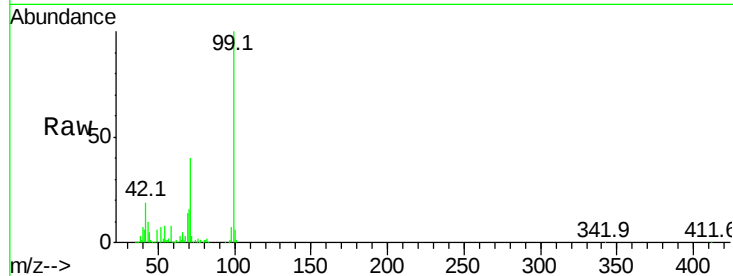
Tot Ion: 99 Resp: 486312

Ion Ratio Lower Upper

99 100

42 18.7 20.5 30.7#

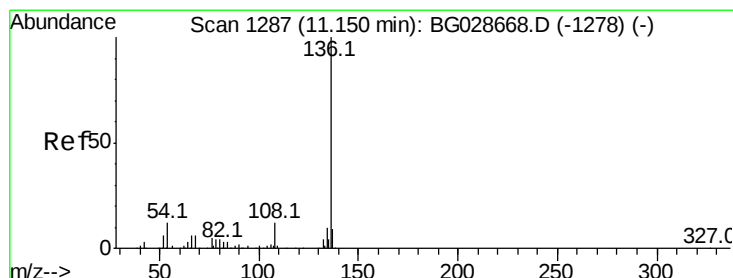
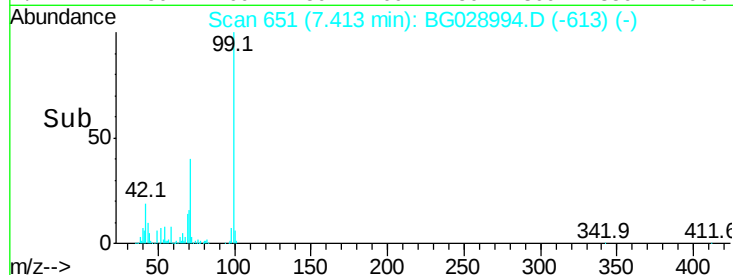
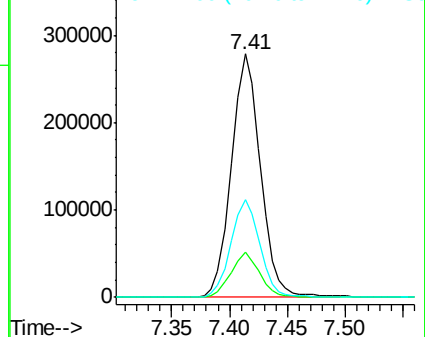
71 40.3 37.6 56.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.07 min Scan# 1274

Delta R.T. -0.08 min

Lab File: BG028994.D

Acq: 1 Oct 2017 00:42

Tgt Ion: 136 Resp: 173751

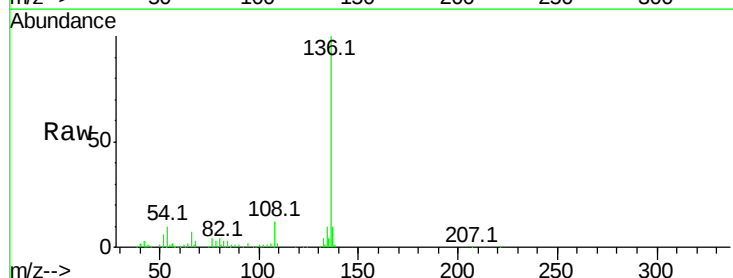
Ion Ratio Lower Upper

136 100

137 9.7 8.9 13.3

54 9.7 9.3 13.9

68 3.2 5.1 7.7#

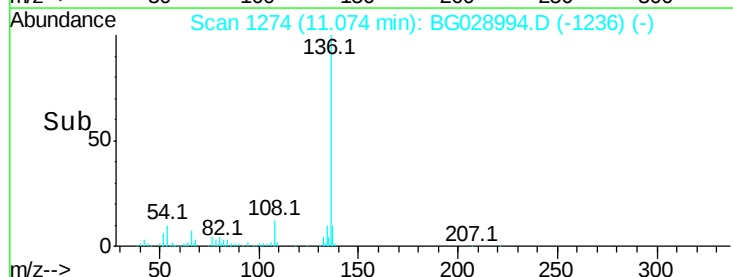
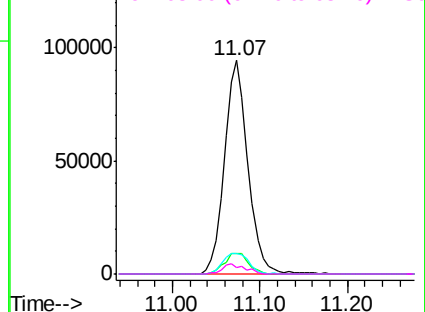


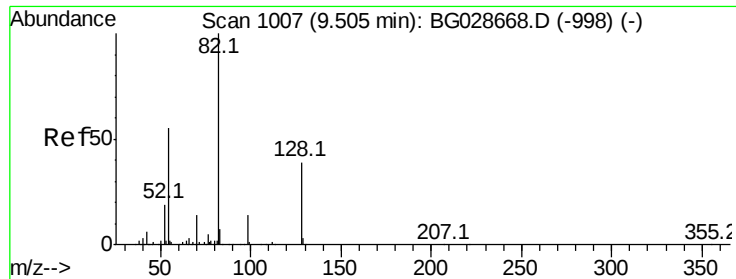
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

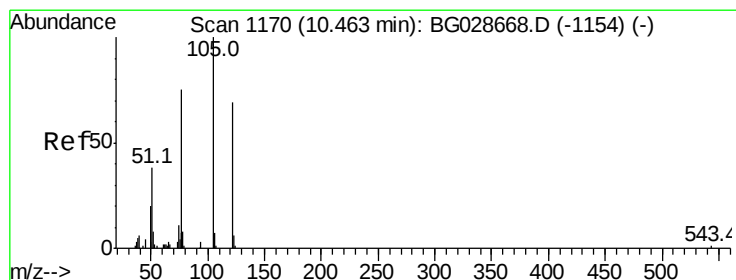
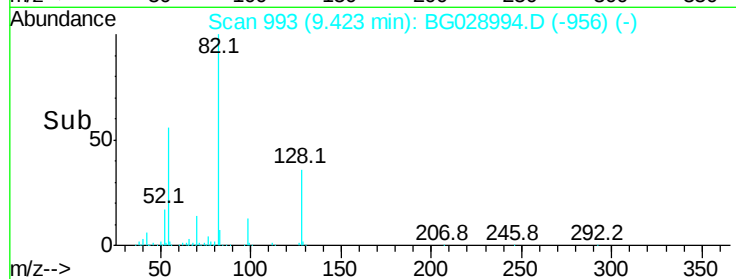
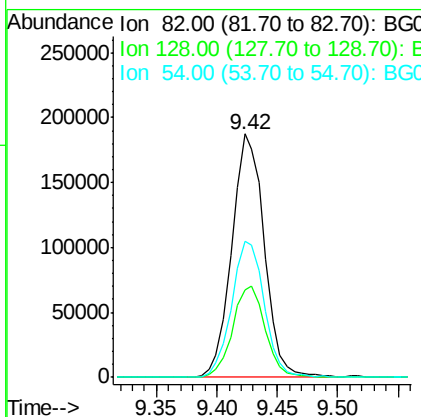
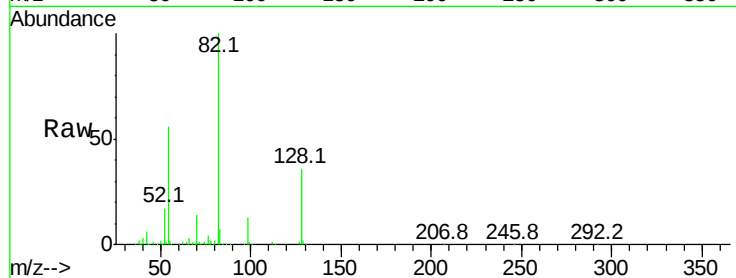




#23
Nitrobenzene-d5
Concen: 96.660 ng
RT: 9.42 min Scan# 993
Delta R.T. -0.08 min
Lab File: BG028994.D
Acq: 1 Oct 2017 00:42

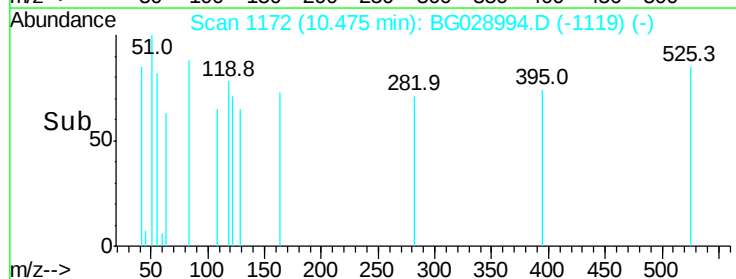
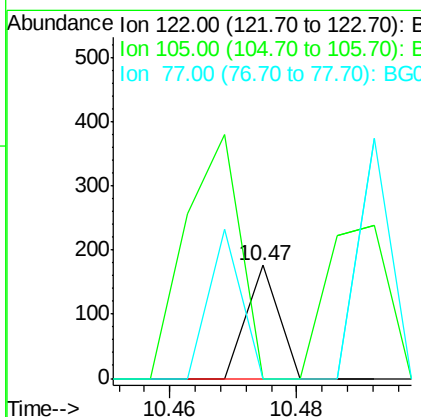
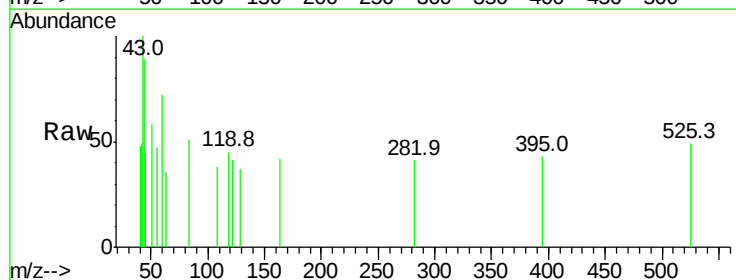
Instrument :
BNA_G
ClientSampleId :

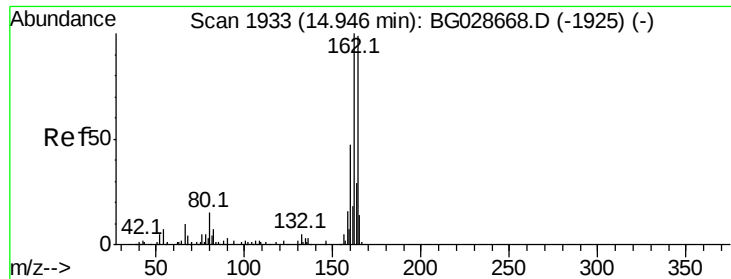
Tot Ion	82	Resp	351079
Ion Ratio	Lower	Upper	
82	100		
128	36.1	26.4	39.6
54	56.0	49.4	74.2



#32
Benzoic acid
Concen: 6.110 ng
RT: 10.47 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BG028994.D
Acq: 1 Oct 2017 00:42

Tgt Ion	122	Resp	62
Ion Ratio	Lower	Upper	
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#

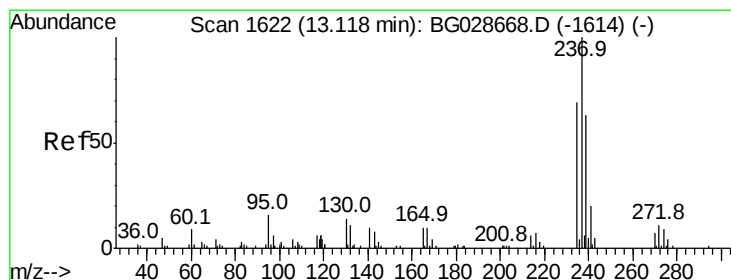
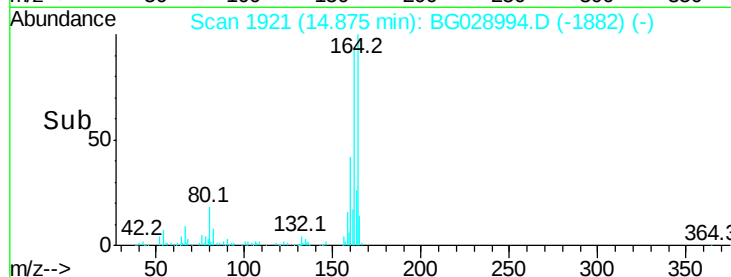
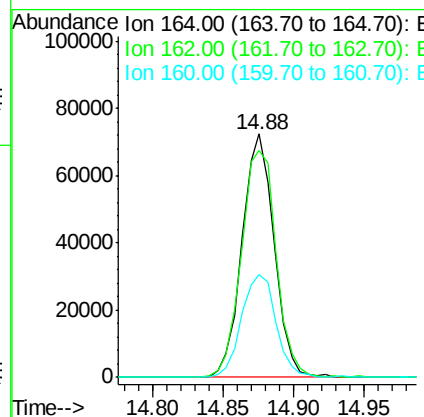
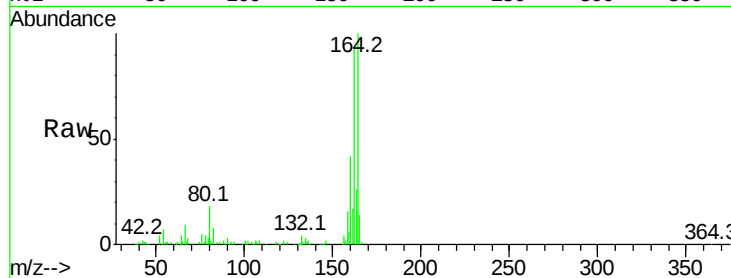




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.88 min Scan# 1921
Delta R.T. -0.07 min
Lab File: BG028994.D
Acq: 1 Oct 2017 00:42

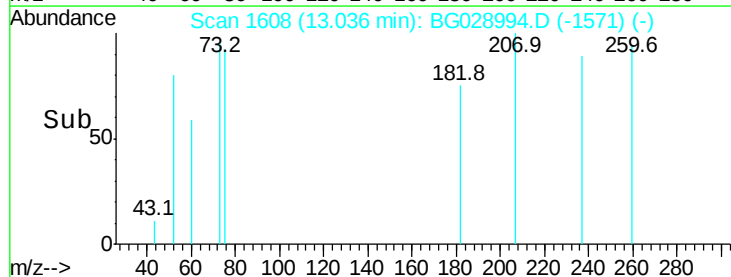
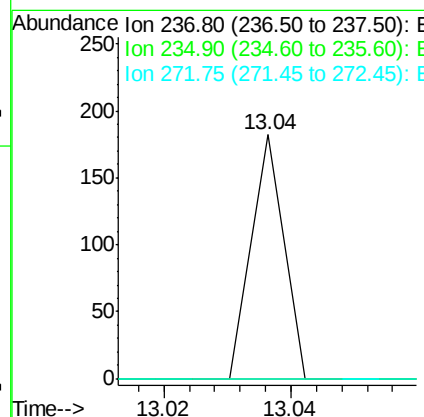
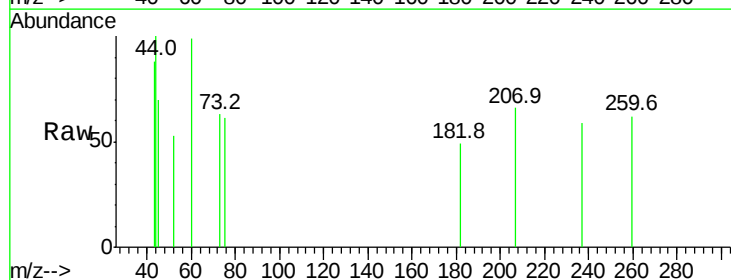
Instrument :
BNA_G
ClientSampleId :

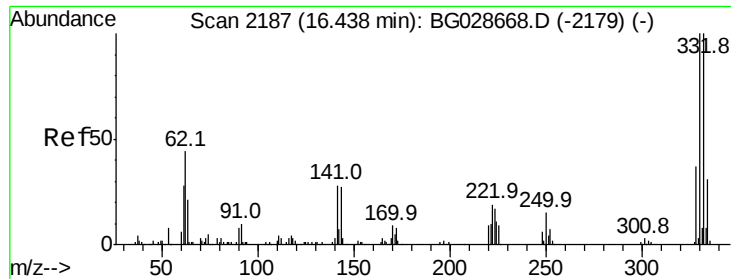
Tot Ion:164 Resp: 115340
Ion Ratio Lower Upper
164 100
162 93.3 85.1 127.7
160 42.0 34.7 52.1



#40
Hexachlorocyclopentadiene
Concen: 7.634 ng
RT: 13.04 min Scan# 1608
Delta R.T. -0.08 min
Lab File: BG028994.D
Acq: 1 Oct 2017 00:42

Tgt Ion:237 Resp: 64
Ion Ratio Lower Upper
237 100
235 0.0 39.4 79.4#
272 0.0 0.0 32.0

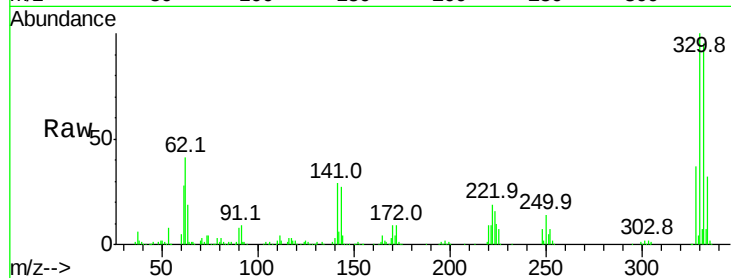




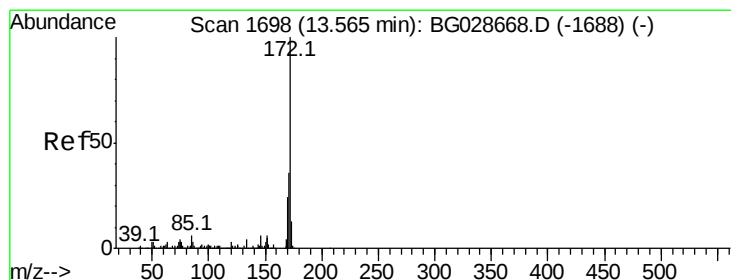
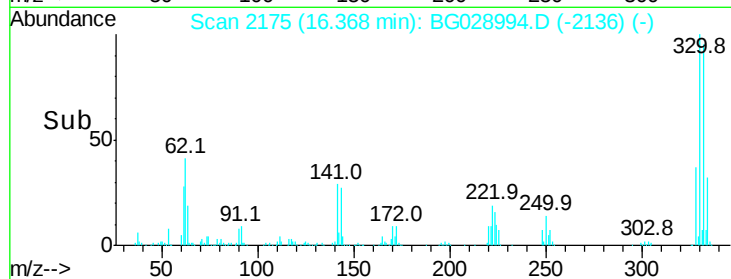
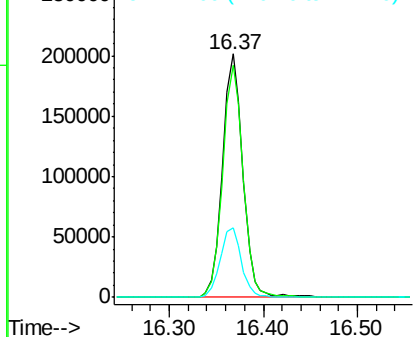
#41
 2,4,6-Tribromophenol
 Concen: 159.363 ng
 RT: 16.37 min Scan# 2175
 Delta R.T. -0.07 min
 Lab File: BG028994.D
 Acq: 1 Oct 2017 00:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 304010
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 29.6 32.1 48.1#

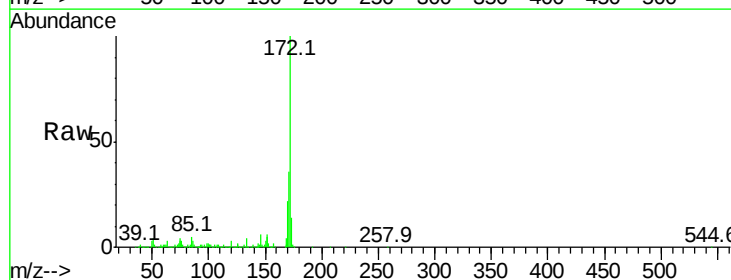


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

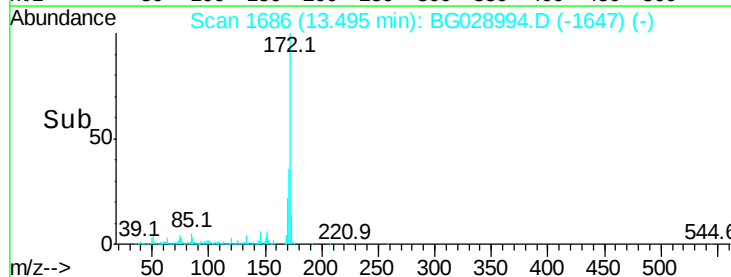
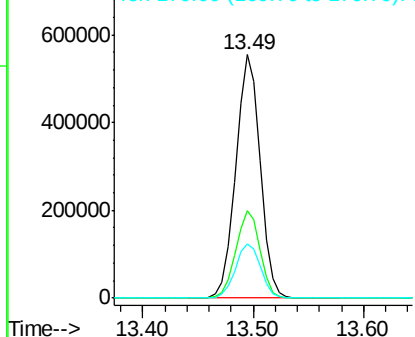


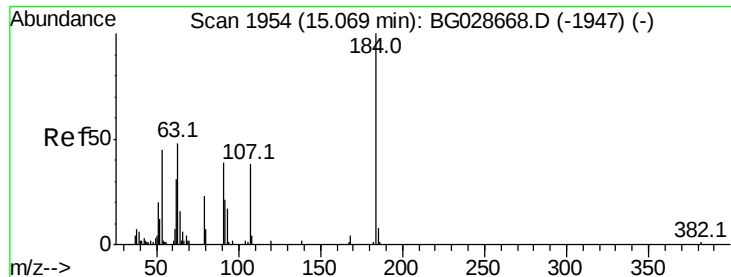
#44
 2-Fluorobiphenyl
 Concen: 99.253 ng
 RT: 13.49 min Scan# 1686
 Delta R.T. -0.07 min
 Lab File: BG028994.D
 Acq: 1 Oct 2017 00:42

Tgt Ion:172 Resp: 858527
 Ion Ratio Lower Upper
 172 100
 171 35.7 32.2 48.2
 170 22.3 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

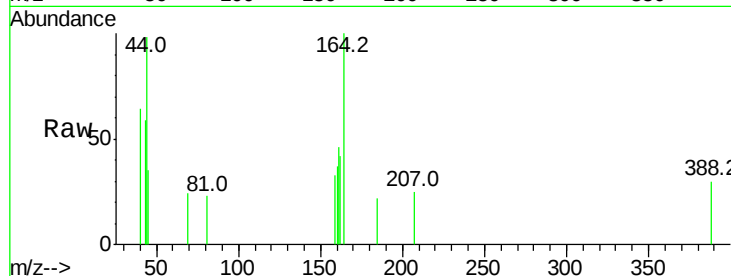




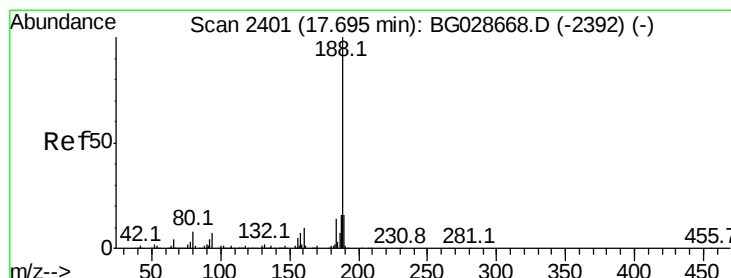
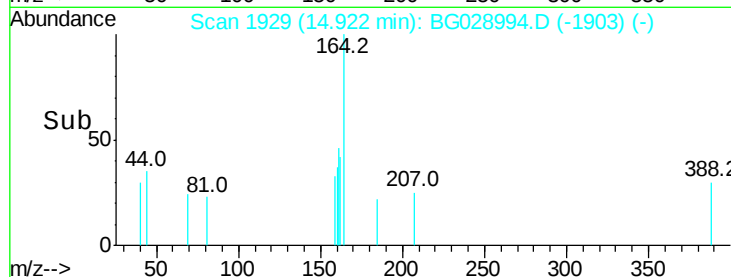
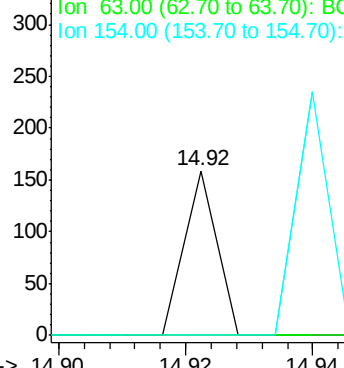
#53
2,4-Dinitrophenol
Concen: 8.046 ng
RT: 14.92 min Scan# 1929
Delta R.T. -0.15 min
Lab File: BG028994.D
Acq: 1 Oct 2017 00:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#

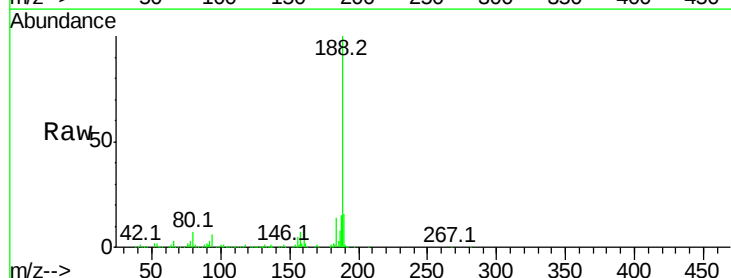


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

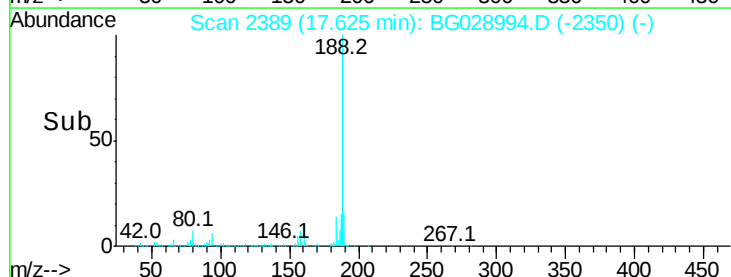
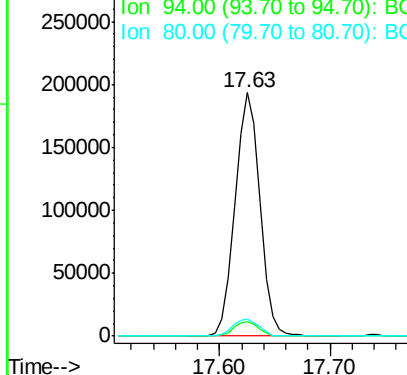


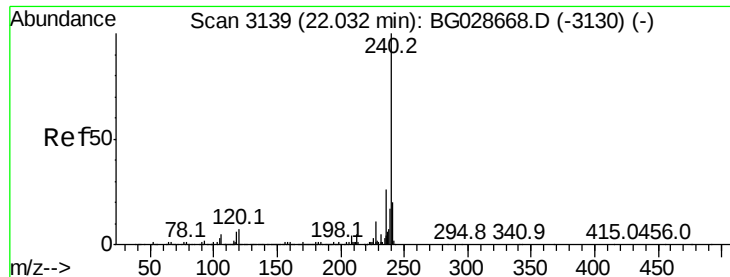
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.63 min Scan# 2389
Delta R.T. -0.07 min
Lab File: BG028994.D
Acq: 1 Oct 2017 00:42

Tgt Ion:188 Resp: 306760
Ion Ratio Lower Upper
188 100
94 6.2 5.8 8.8
80 7.0 7.5 11.3#



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.94 min Scan# 3123

Delta R.T. -0.09 min

Lab File: BG028994.D

Acq: 1 Oct 2017 00:42

Instrument :

BNA_G

ClientSampleId :

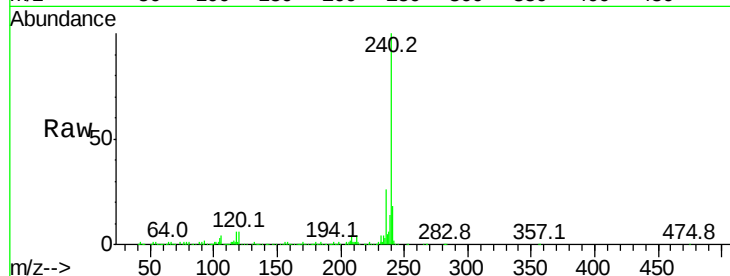
Tot Ion:240 Resp: 356691

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

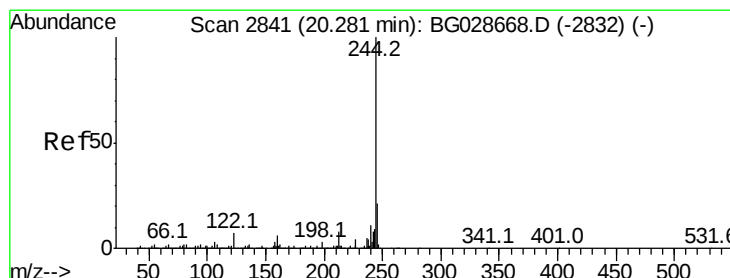
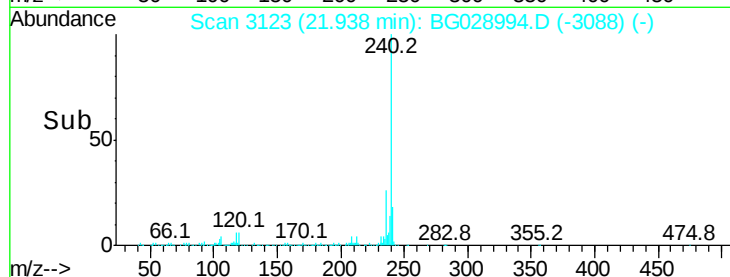
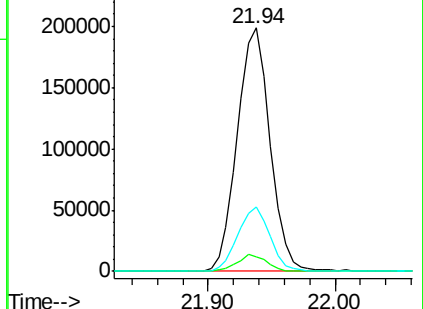
236 26.3 22.2 33.4



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: 94.529 ng

RT: 20.22 min Scan# 2830

Delta R.T. -0.06 min

Lab File: BG028994.D

Acq: 1 Oct 2017 00:42

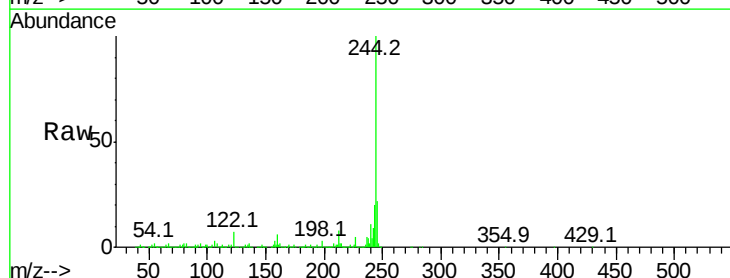
Tgt Ion:244 Resp: 1581080

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

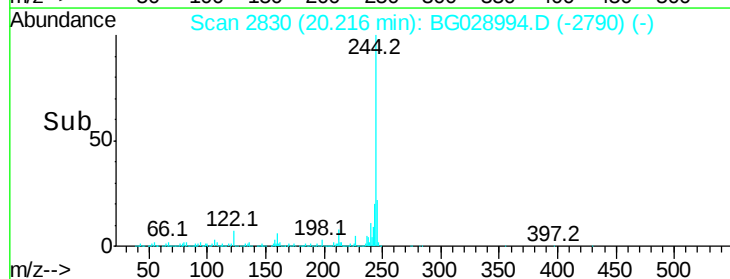
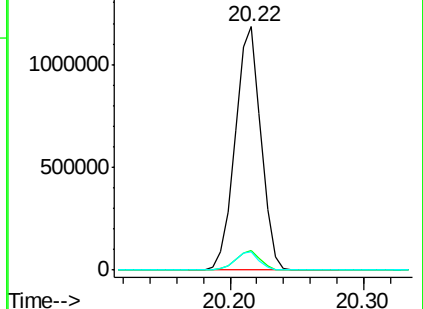
122 7.4 8.6 12.8#

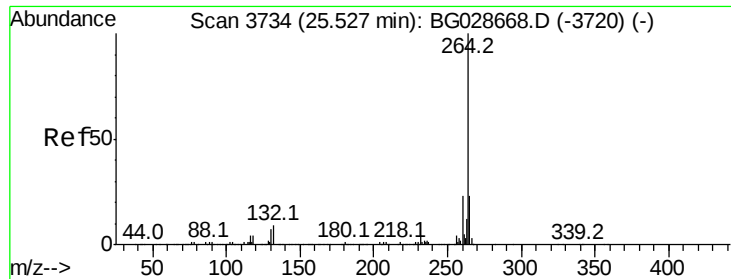


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

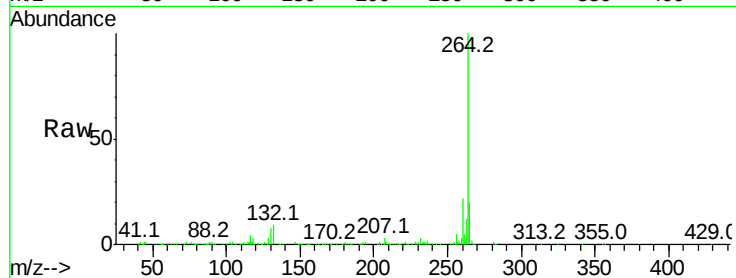




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.36 min Scan# 3706
Delta R.T. -0.16 min
Lab File: BG028994.D
Acq: 1 Oct 2017 00:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	21.8	32.8
265	20.5	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

