

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040915\
 Data File : BG016316.D
 Acq On : 10 Apr 2015 7:48
 Operator : TP/IZ
 Sample : G1805-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-30

Quant Time: Apr 10 15:18:03 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:17:17 2015
 Response via : Initial Calibration

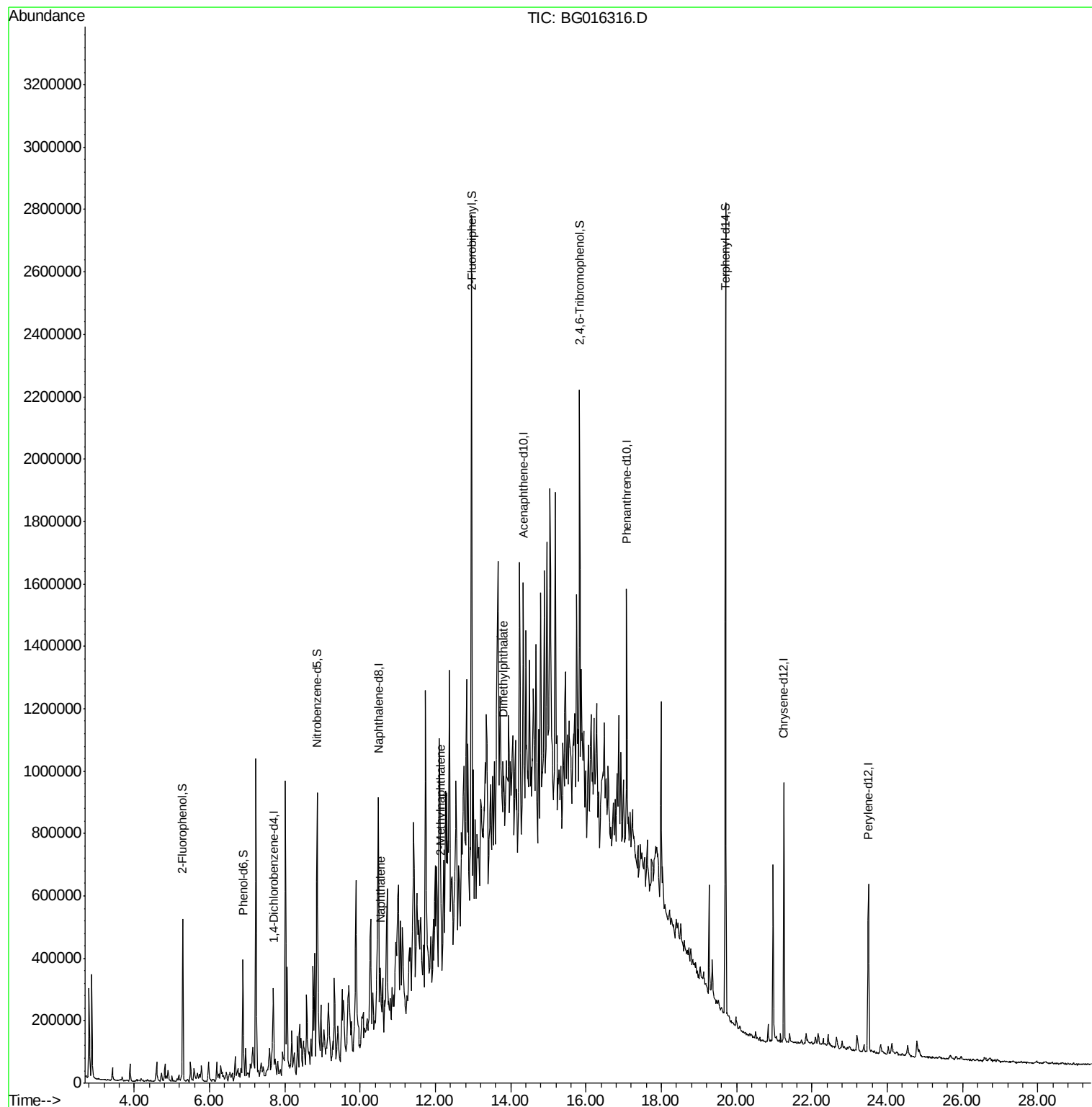
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	75256	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	360859	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	219495	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	405385	20.00	ng	0.00
75) Chrysene-d12	21.26	240	336765	20.00	ng	0.00
86) Perylene-d12	23.51	264	312033	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	247905	51.99	ng	0.00
7) Phenol-d6	6.88	99	235224	32.86	ng	0.01
23) Nitrobenzene-d5	8.85	82	482527	77.46	ng	0.00
41) 2,4,6-Tribromophenol	15.84	330	169843	114.42	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	1016205	78.83	ng	0.00
78) Terphenyl-d14	19.71	244	940487	65.36	ng	0.00
Target Compounds						
31) Naphthalene	10.53	128	77640	4.13	ng	# 89
37) 2-Methylnaphthalene	12.15	142	34056	2.52	ng	95
49) Dimethylphthalate	13.80	163	77649	4.83	ng	# 90

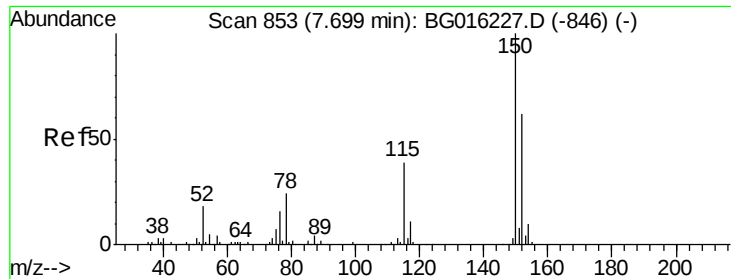
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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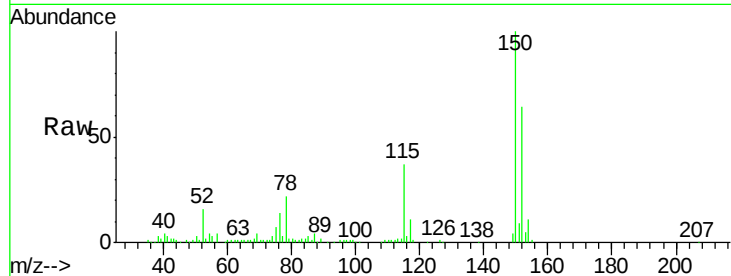


#1

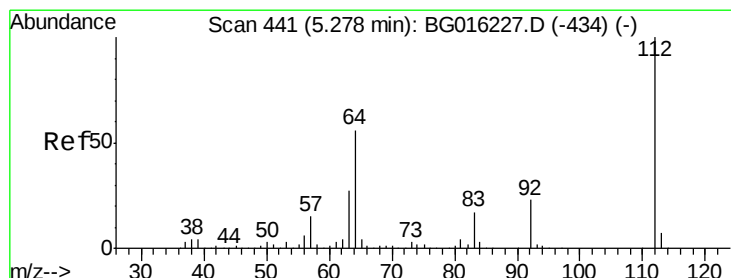
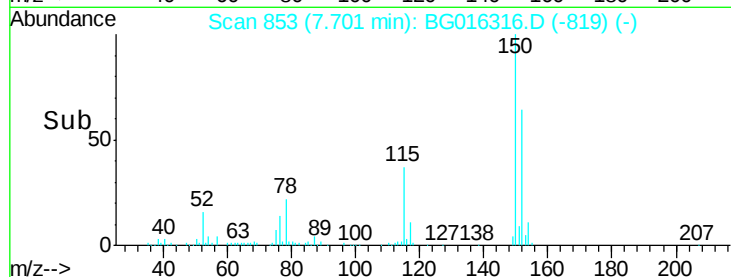
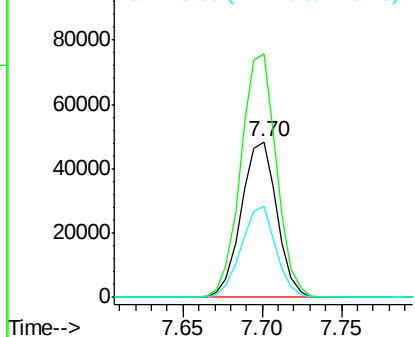
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 853
Delta R.T. 0.00 min
Lab File: BG016316.D
Acq: 10 Apr 2015 7:48

Instrument :
BNA_G
ClientSampled :
MW-30

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	130.1	195.1
115	58.4	50.5	75.7



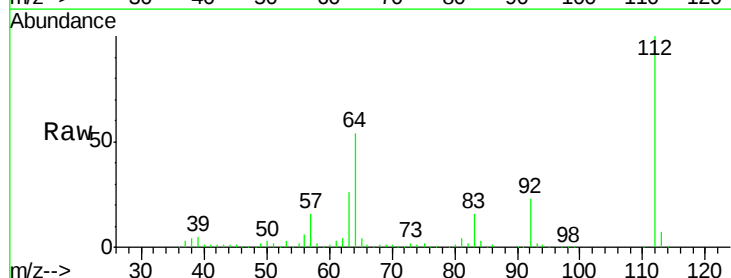
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



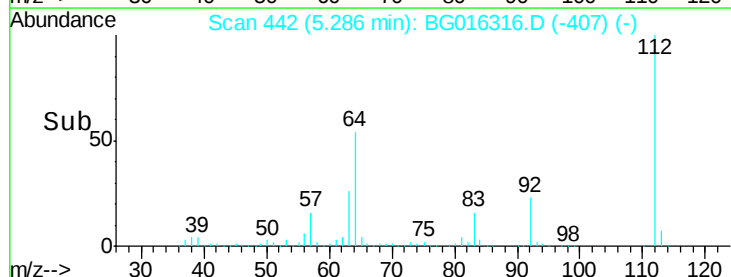
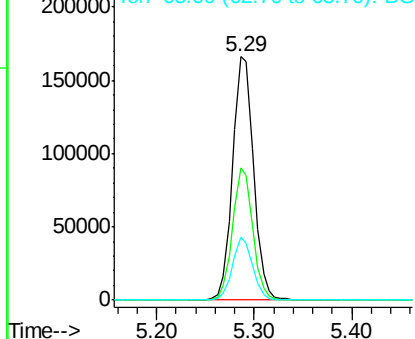
#5

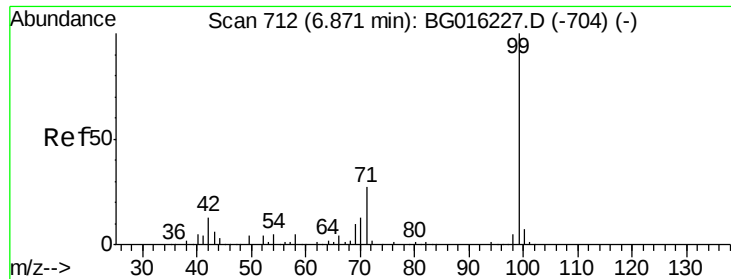
2-Fluorophenol
Concen: 51.99 ng
RT: 5.29 min Scan# 442
Delta R.T. 0.01 min
Lab File: BG016316.D
Acq: 10 Apr 2015 7:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	44.5	66.7
63	25.9	21.4	32.0



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: 32.86 ng

RT: 6.88 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG016316.D

Acq: 10 Apr 2015 7:48

Instrument :

BNA_G

ClientSampleId :

MW-30

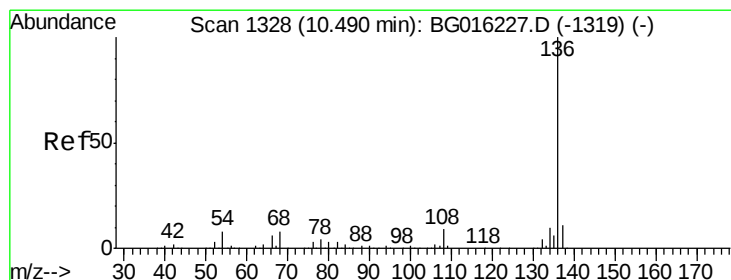
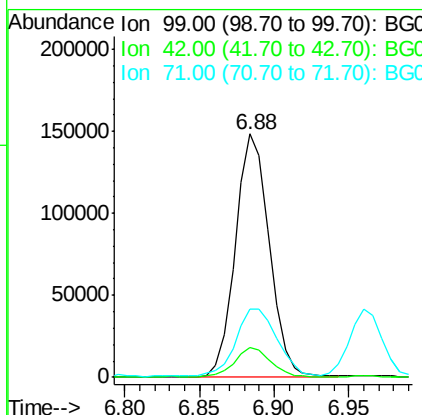
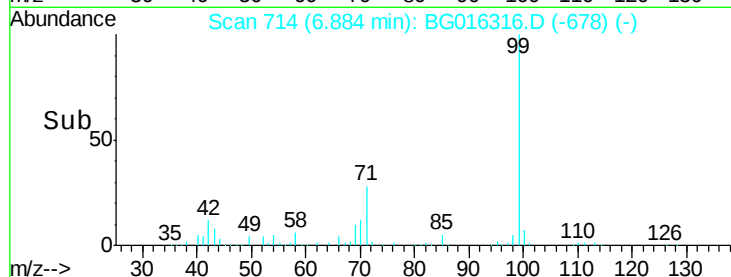
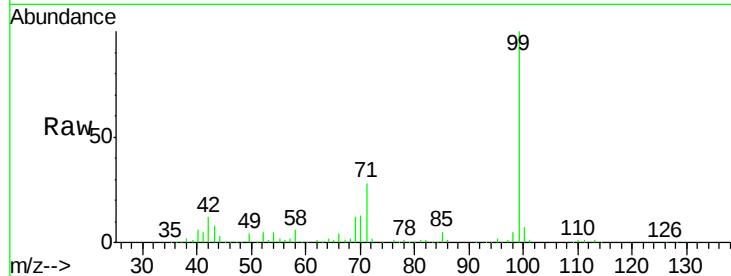
Tot Ion: 99 Resp: 235224

Ion Ratio Lower Upper

99 100

42 12.5 10.0 15.0

71 28.0 21.5 32.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.49 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BG016316.D

Acq: 10 Apr 2015 7:48

Tgt Ion: 136 Resp: 360859

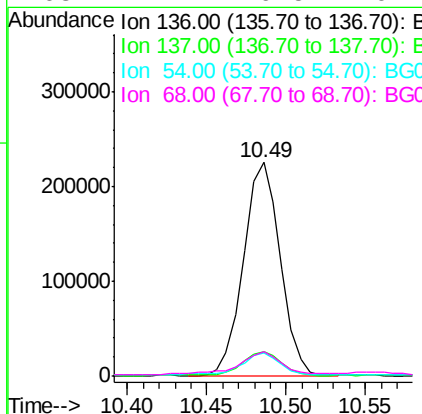
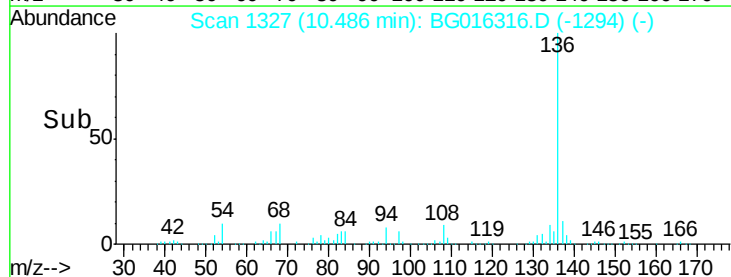
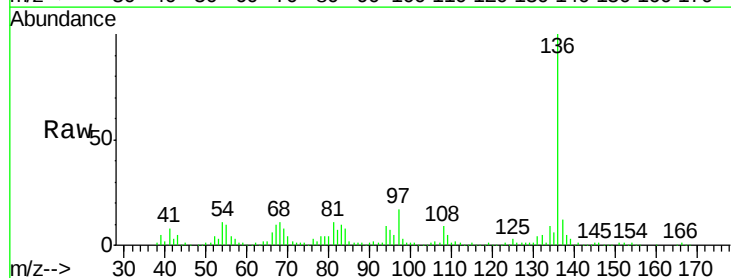
Ion Ratio Lower Upper

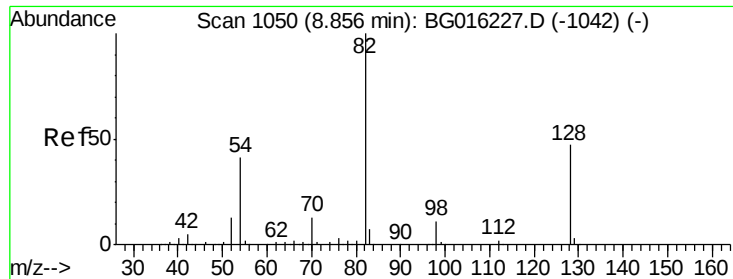
136 100

137 11.6 8.7 13.1

54 10.6 6.3 9.5#

68 11.4 6.5 9.7#

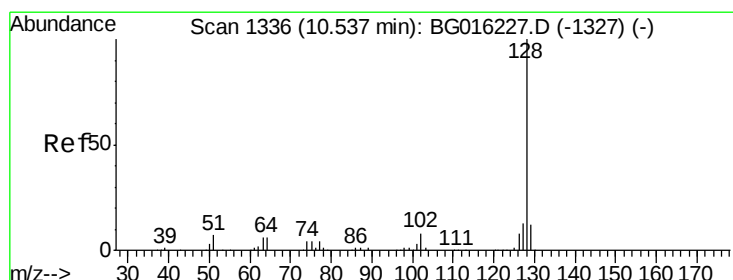
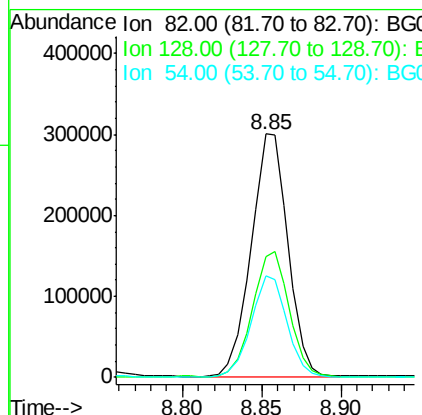
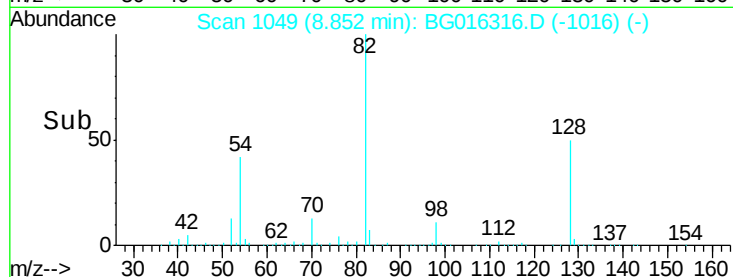
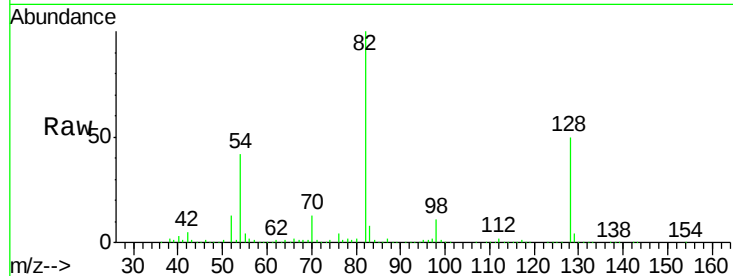




#23
Nitrobenzene-d5
Concen: 77.46 ng
RT: 8.85 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG016316.D
Acq: 10 Apr 2015 7:48

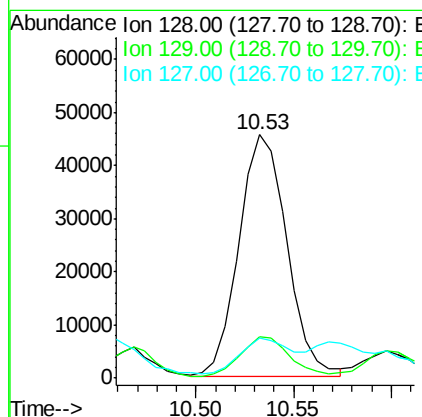
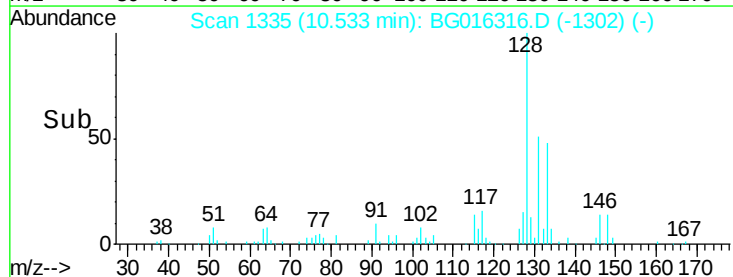
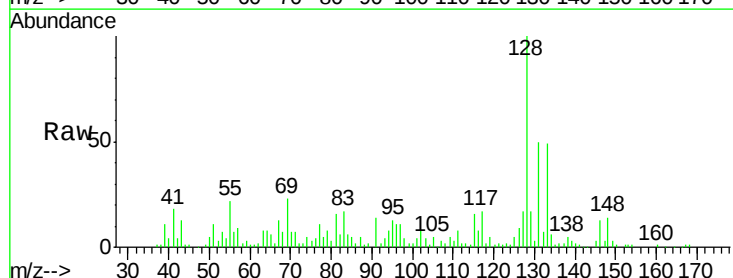
Instrument :
BNA_G
ClientSampled :
MW-30

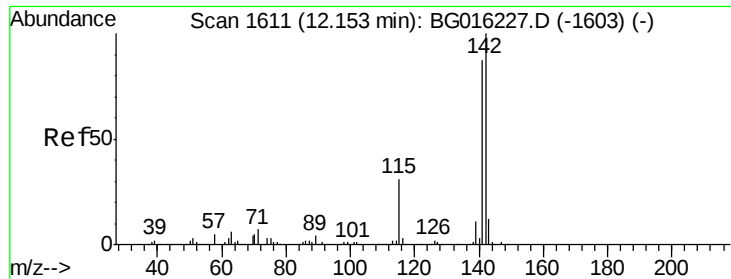
Tot Ion: 82 Resp: 482527
Ion Ratio Lower Upper
82 100
128 49.7 37.8 56.8
54 41.9 32.6 49.0



#31
Naphthalene
Concen: 4.13 ng
RT: 10.53 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG016316.D
Acq: 10 Apr 2015 7:48

Tgt Ion: 128 Resp: 77640
Ion Ratio Lower Upper
128 100
129 17.1 9.2 13.8#
127 16.5 10.6 16.0#

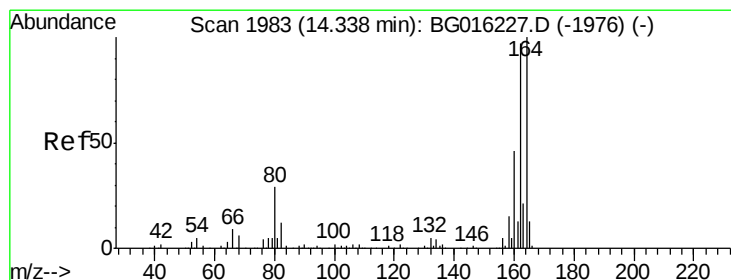
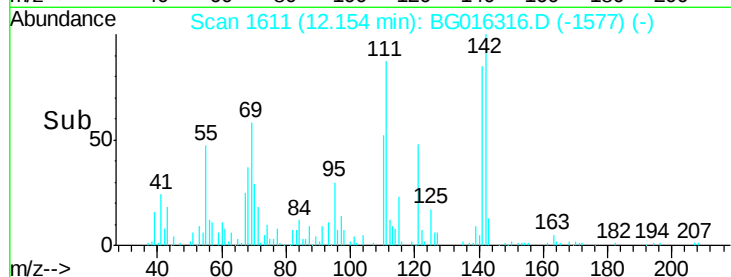
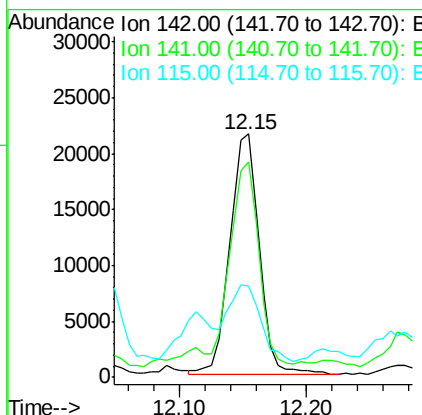
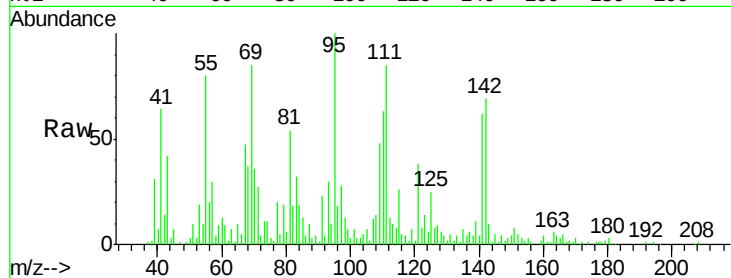




#37
2-Methylnaphthalene
Concen: 2.52 ng
RT: 12.15 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BG016316.D
Acq: 10 Apr 2015 7:48

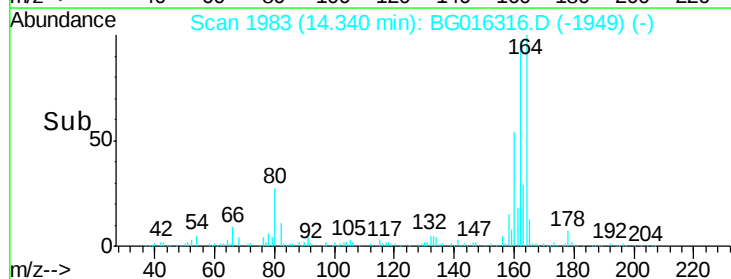
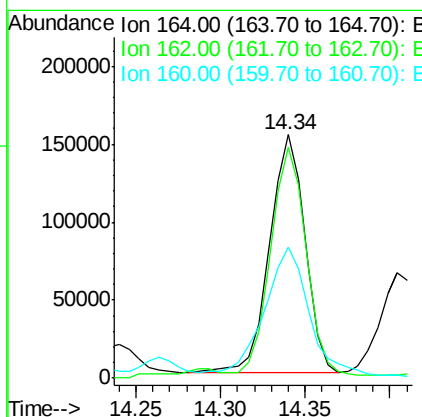
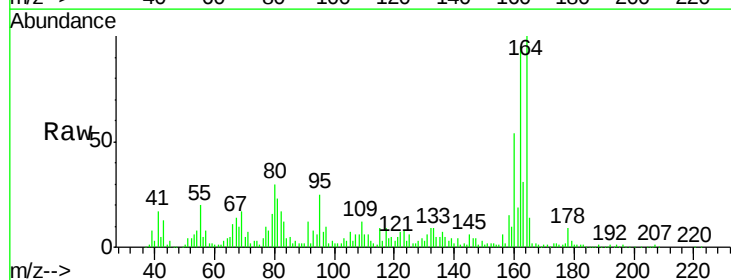
Instrument :
BNA_G
ClientSampleId :
MW-30

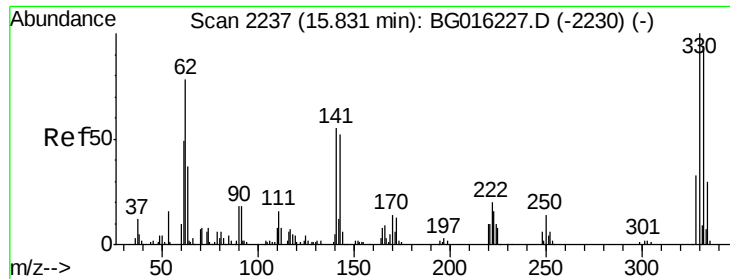
Tot Ion:142 Resp: 34056
Ion Ratio Lower Upper
142 100
141 88.8 69.3 103.9
115 37.3 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG016316.D
Acq: 10 Apr 2015 7:48

Tgt Ion:164 Resp: 219495
Ion Ratio Lower Upper
164 100
162 95.0 77.3 115.9
160 53.7 36.7 55.1

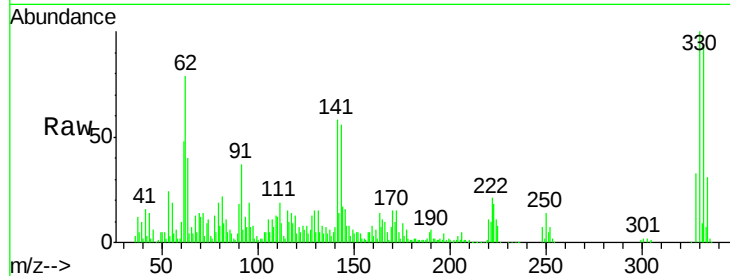




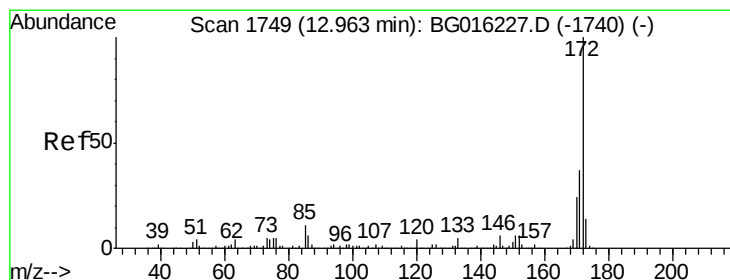
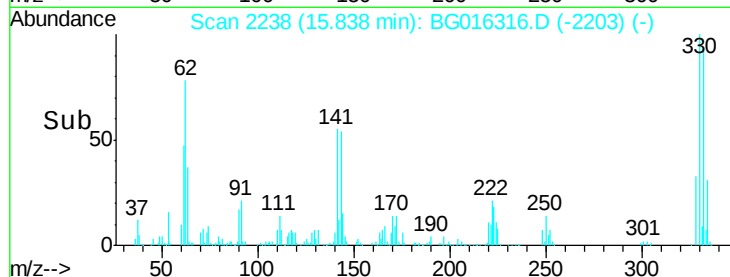
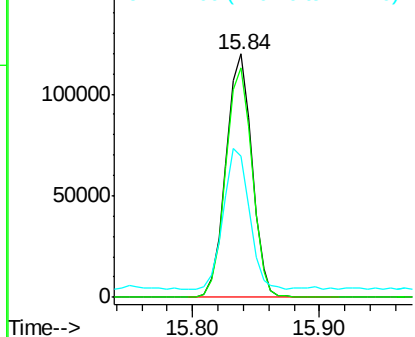
#41
 2,4,6-Tribromophenol
 Concen: 114.42 ng
 RT: 15.84 min Scan# 2238
 Delta R.T. 0.01 min
 Lab File: BG016316.D
 Acq: 10 Apr 2015 7:48

Instrument :
 BNA_G
 ClientSampleId :
 MW-30

Tot Ion:330 Resp: 169843
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.8 113.6
 141 57.7 46.6 69.8

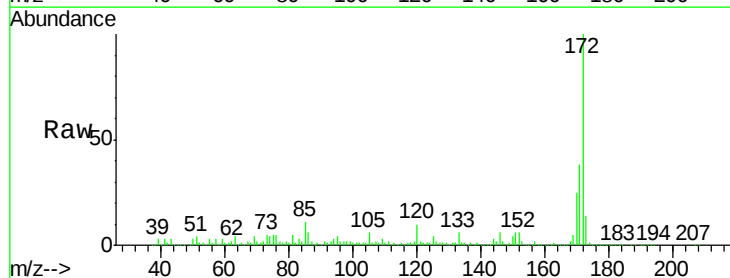


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

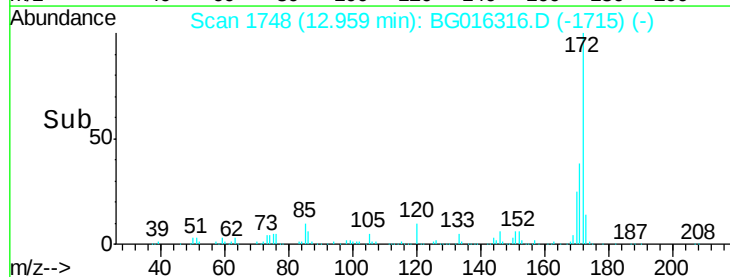
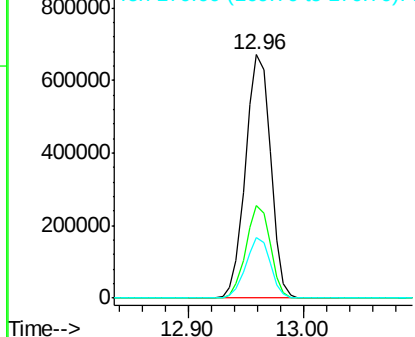


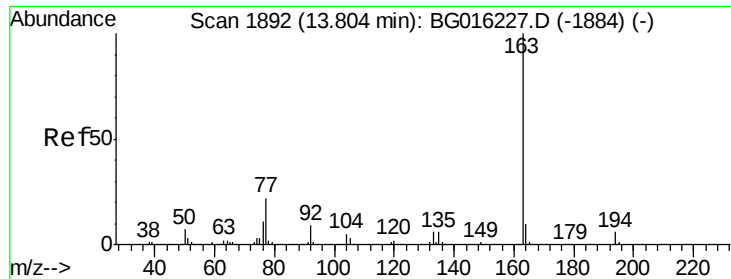
#44
 2-Fluorobiphenyl
 Concen: 78.83 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG016316.D
 Acq: 10 Apr 2015 7:48

Tgt Ion:172 Resp: 1016205
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.6 44.4
 170 24.9 19.4 29.2



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





#49

Dimethylphthalate

Concen: 4.83 ng

RT: 13.80 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BG016316.D

Acq: 10 Apr 2015 7:48

Instrument :

BNA_G

ClientSampleId :

MW-30

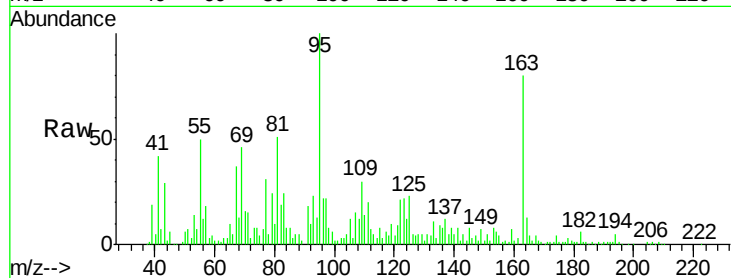
Tot Ion:163 Resp: 77649

Ion Ratio Lower Upper

163 100

194 6.2 5.0 7.4

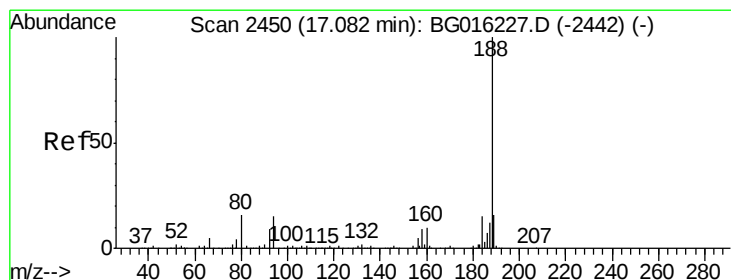
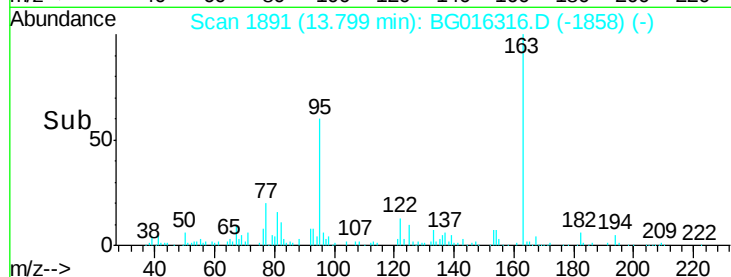
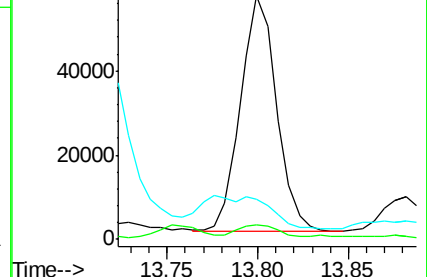
164 16.3 8.2 12.4#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG016316.D

Acq: 10 Apr 2015 7:48

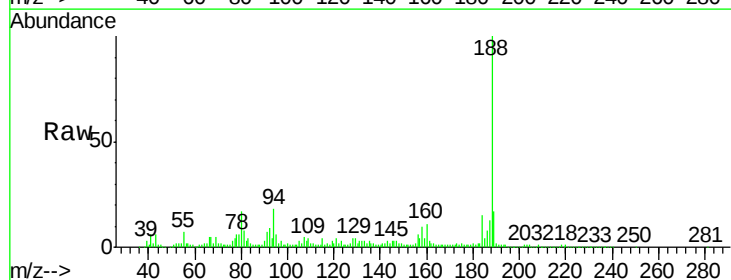
Tgt Ion:188 Resp: 405385

Ion Ratio Lower Upper

188 100

94 17.7 12.2 18.4

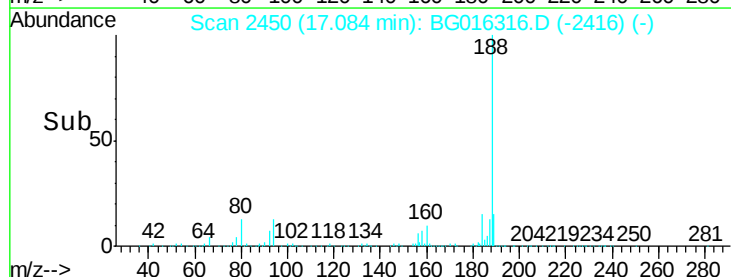
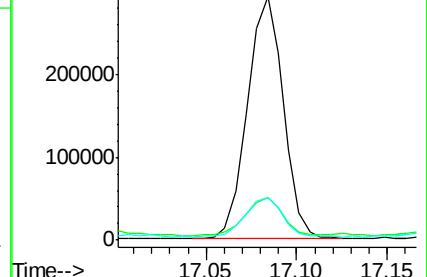
80 17.3 12.8 19.2

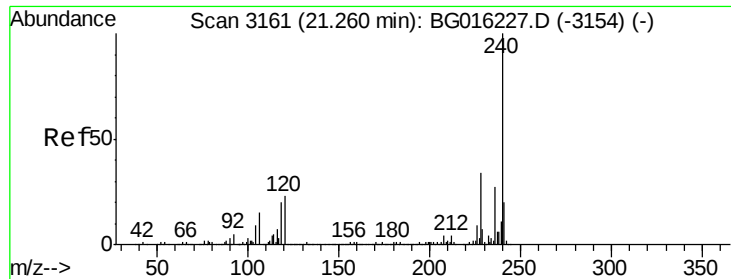


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG016316.D

Acq: 10 Apr 2015 7:48

Instrument :

BNA_G

ClientSampleId :

MW-30

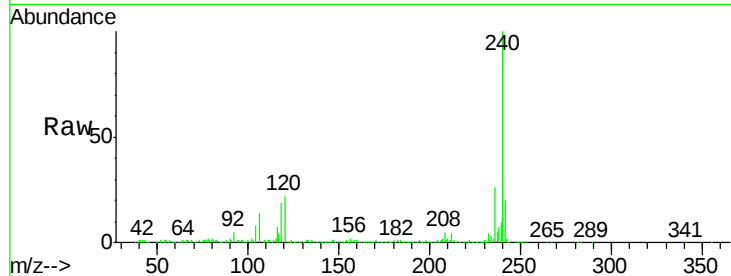
Tot Ion:240 Resp: 336765

Ion Ratio Lower Upper

240 100

120 21.9 18.6 28.0

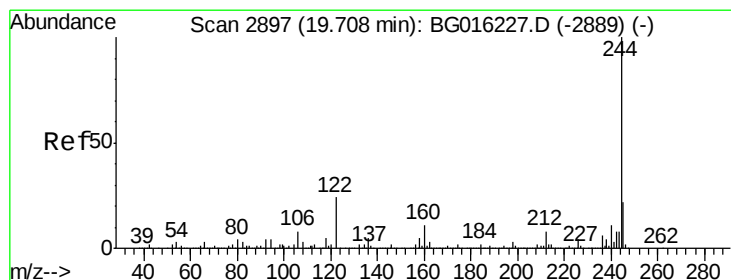
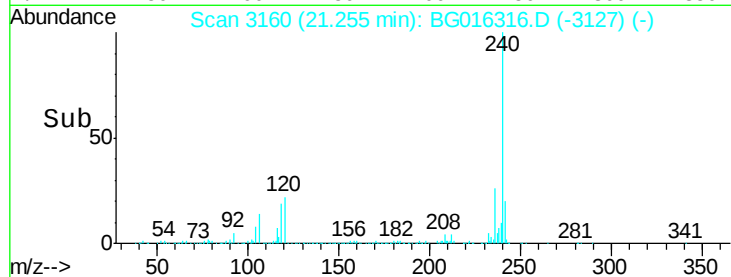
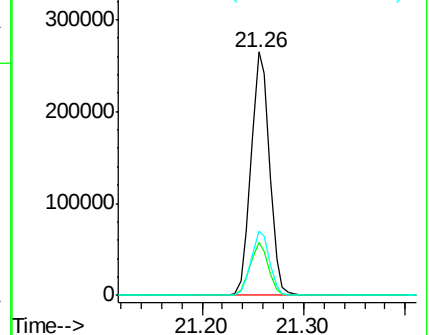
236 26.5 21.7 32.5



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: 65.36 ng

RT: 19.71 min Scan# 2897

Delta R.T. 0.00 min

Lab File: BG016316.D

Acq: 10 Apr 2015 7:48

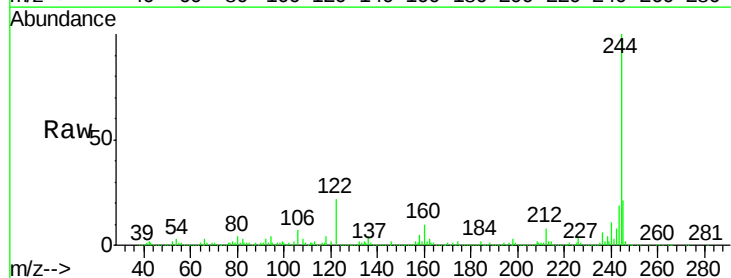
Tgt Ion:244 Resp: 940487

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

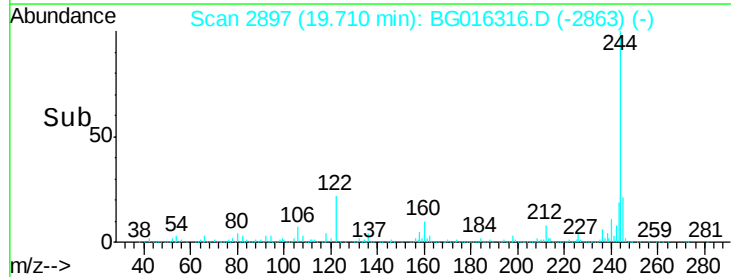
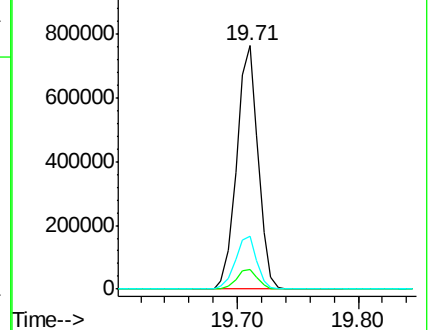
122 21.7 19.1 28.7

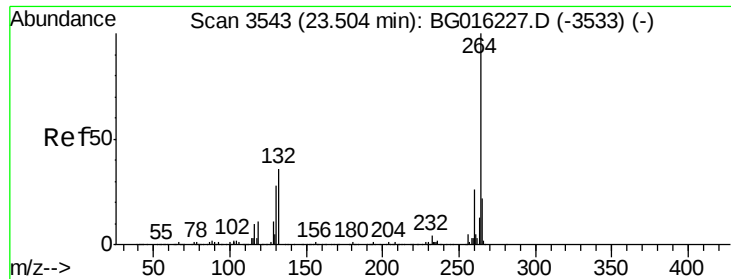


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.51 min Scan# 3543
Delta R.T. 0.00 min
Lab File: BG016316.D
Acq: 10 Apr 2015 7:48

Instrument :
BNA_G
ClientSampleId :
MW-30

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.4	30.6
265	21.9	17.2	25.8

