

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042115\
 Data File : BG016614.D
 Acq On : 22 Apr 2015 10:53
 Operator : TP/IZ
 Sample : G1937-03DL 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 22 15:56:11 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 02:10:07 2015
 Response via : Initial Calibration

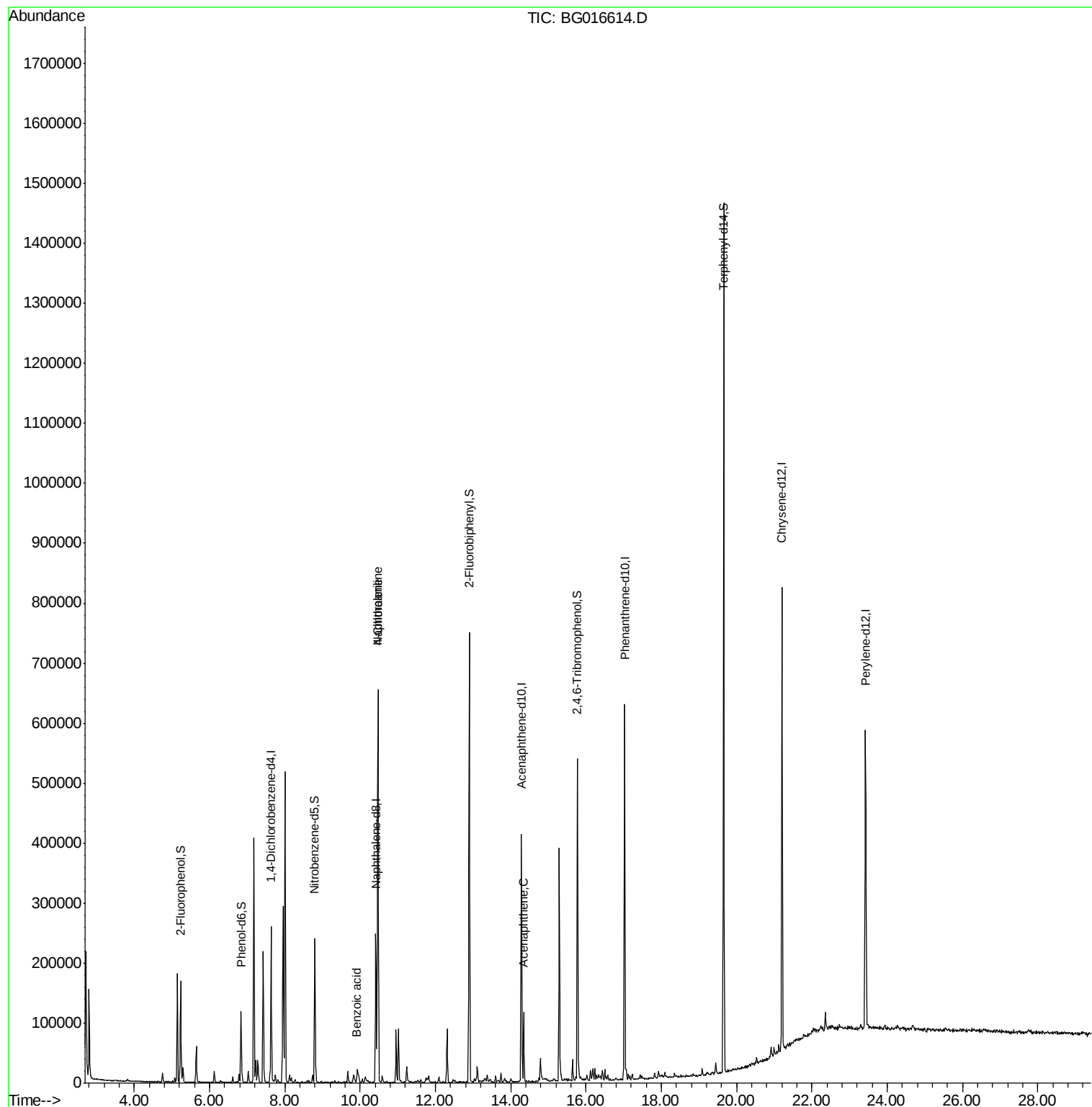
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	44783	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	211130	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	136466	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	327460	20.00	ng	0.00
75) Chrysene-d12	21.21	240	322380	20.00	ng	0.00
86) Perylene-d12	23.43	264	298931	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	84342	30.18	ng	0.00
7) Phenol-d6	6.84	99	83718	21.45	ng	0.00
23) Nitrobenzene-d5	8.79	82	142969	41.70	ng	0.00
41) 2,4,6-Tribromophenol	15.77	330	78466	84.66	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	370518	44.97	ng	0.00
78) Terphenyl-d14	19.66	244	565092	42.23	ng	0.00
Target Compounds						
31) Naphthalene	10.47	128	569704	51.69	ng	Qvalue 100
32) Benzoic acid	9.89	122	72	7.05	ng	90
33) 4-Chloroaniline	10.47	127	76204	15.12	ng	# 34
51) Acenaphthene	14.34	154	40327	4.73	ng	98

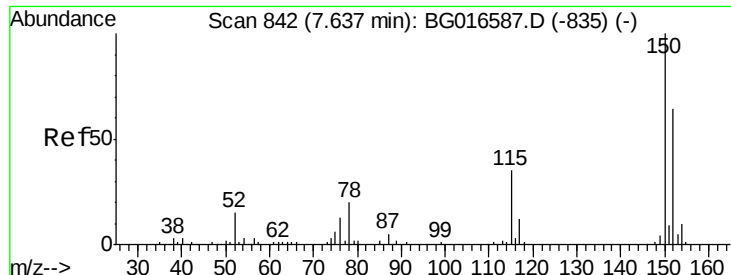
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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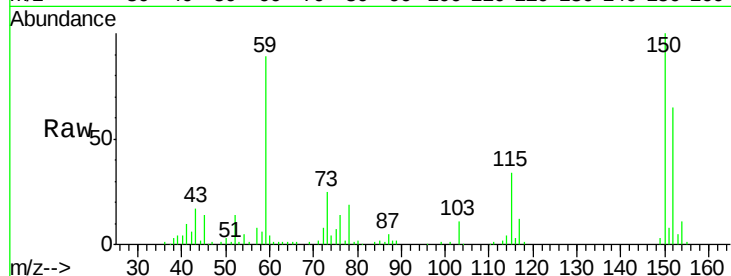


#1

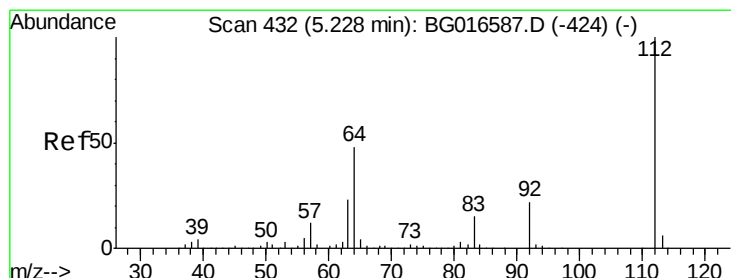
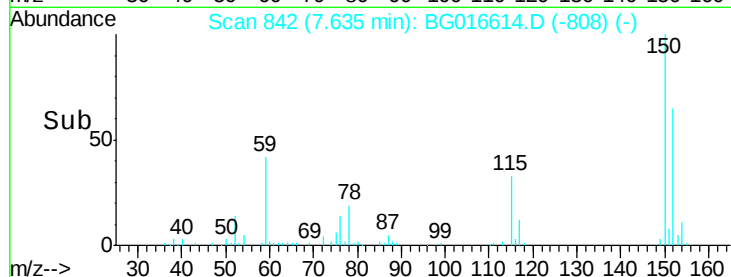
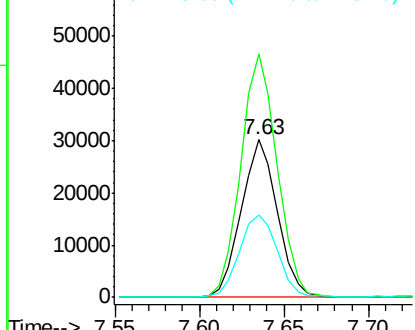
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 842
Delta R.T. -0.00 min
Lab File: BG016614.D
Acq: 22 Apr 2015 10:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 44783
Ion Ratio Lower Upper
152 100
150 154.8 125.5 188.3
115 52.1 44.5 66.7



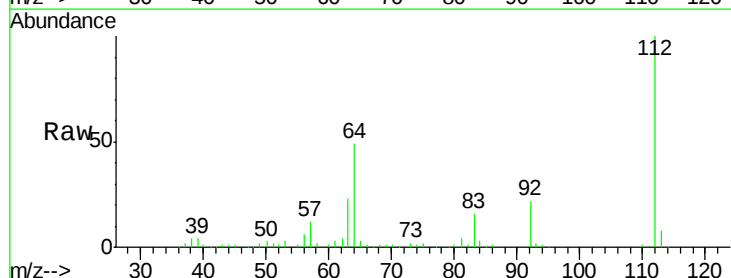
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



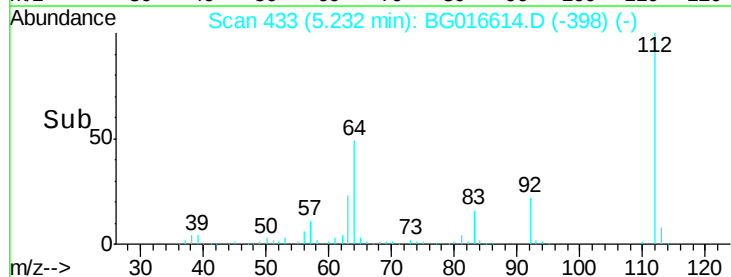
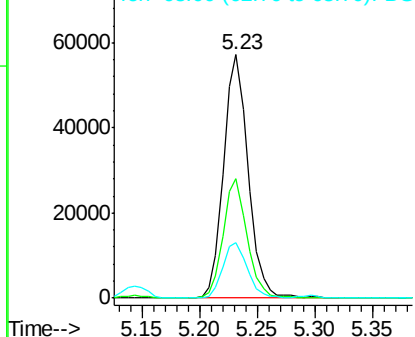
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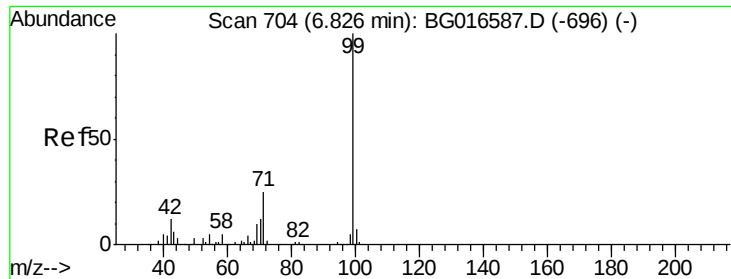
2-Fluorophenol
Concen: 30.18 ng
RT: 5.23 min Scan# 433
Delta R.T. 0.00 min
Lab File: BG016614.D
Acq: 22 Apr 2015 10:53

Tgt Ion:112 Resp: 84342
Ion Ratio Lower Upper
112 100
64 49.3 38.5 57.7
63 23.0 18.2 27.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG016614.D (-398) (-)
Ion 63.00 (62.70 to 63.70): BG016614.D (-398) (-)





#7

Phenol-d6

Concen: 21.45 ng

RT: 6.84 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG016614.D

Acq: 22 Apr 2015 10:53

Instrument :

BNA_G

ClientSampleId :

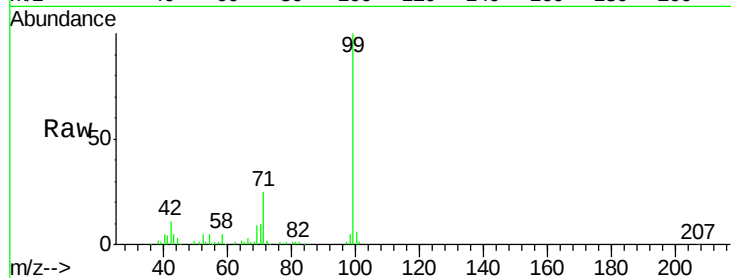
Tot Ion: 99 Resp: 83718

Ion Ratio Lower Upper

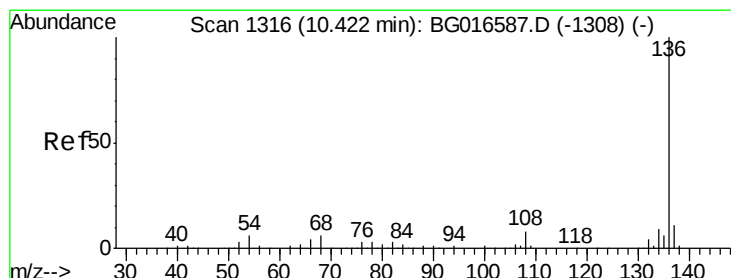
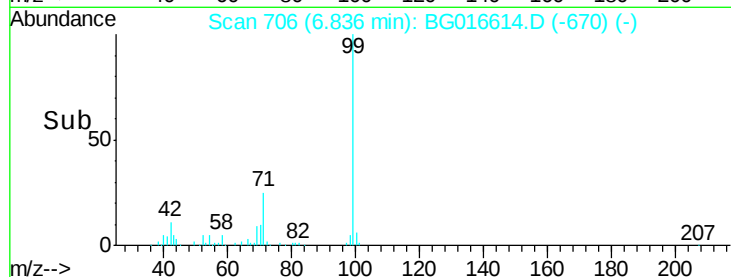
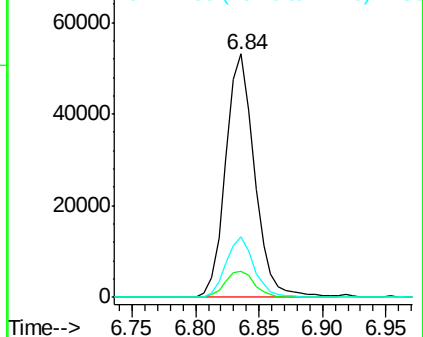
99 100

42 10.7 9.5 14.3

71 25.0 20.2 30.2



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: 20.00 ng

RT: 10.42 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG016614.D

Acq: 22 Apr 2015 10:53

Tgt Ion: 136 Resp: 211130

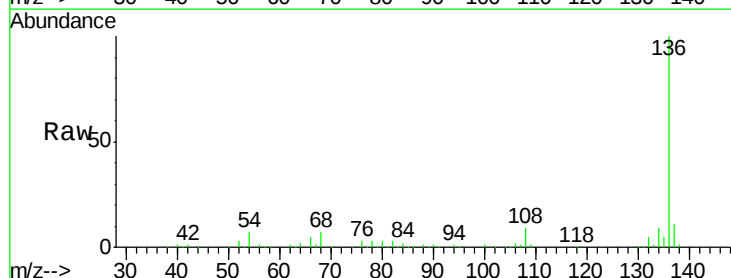
Ion Ratio Lower Upper

136 100

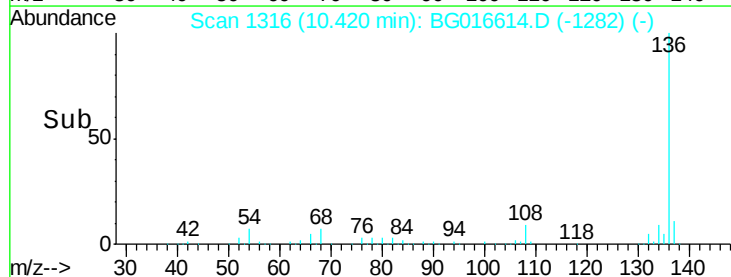
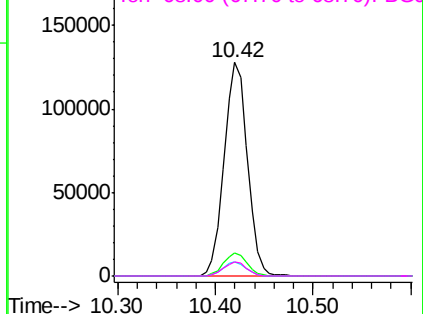
137 10.8 8.8 13.2

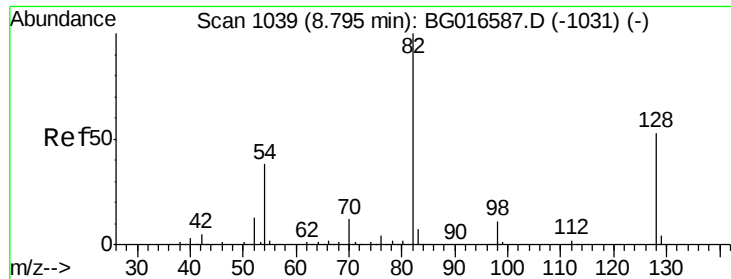
54 6.6 4.9 7.3

68 6.6 4.9 7.3



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

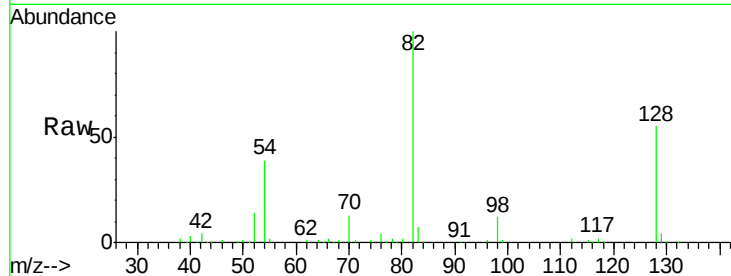




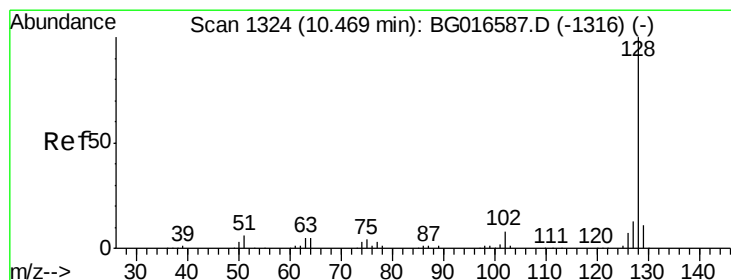
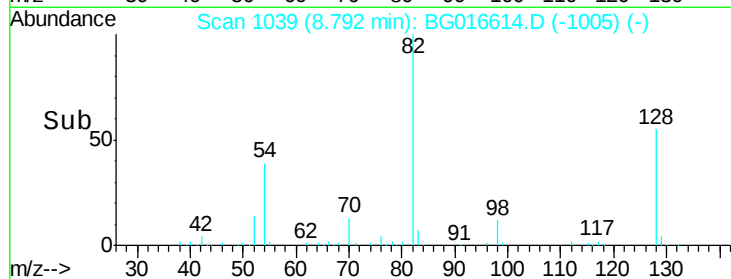
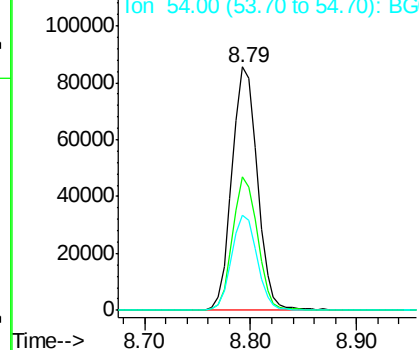
#23
Nitrobenzene-d5
Concen: 41.70 ng
RT: 8.79 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BG016614.D
Acq: 22 Apr 2015 10:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 142969
Ion Ratio Lower Upper
82 100
128 55.0 42.7 64.1
54 38.9 30.6 45.8

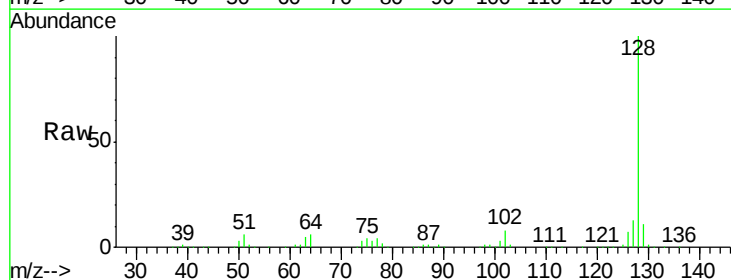


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

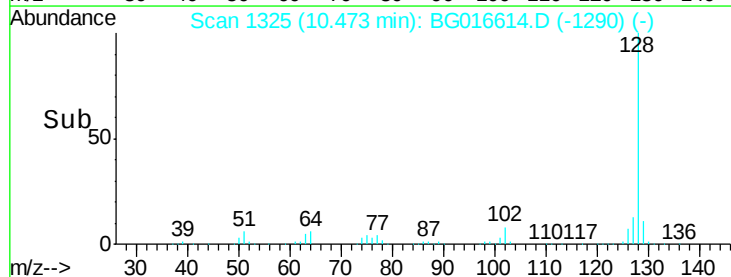
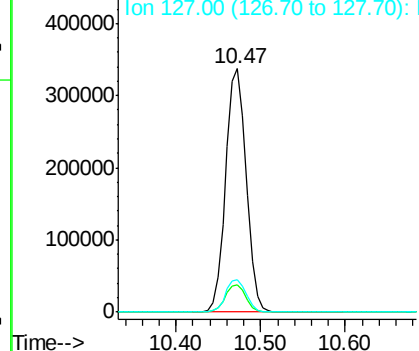


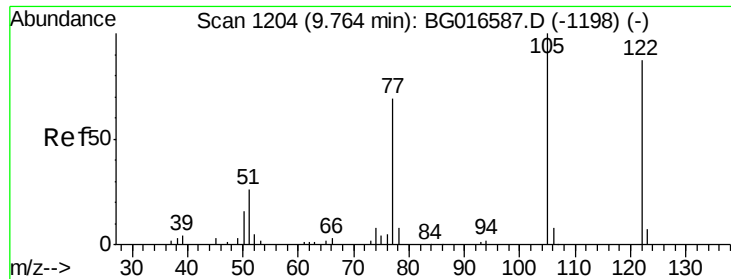
#31
Naphthalene
Concen: 51.69 ng
RT: 10.47 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG016614.D
Acq: 22 Apr 2015 10:53

Tgt Ion:128 Resp: 569704
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.4 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

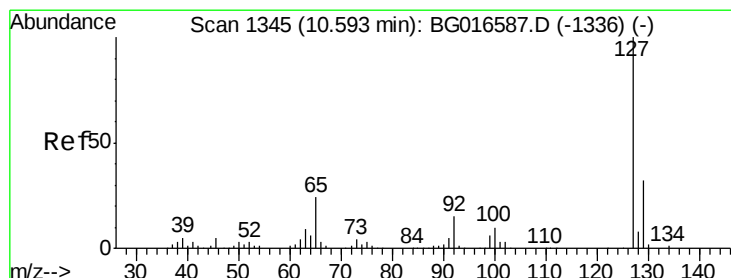
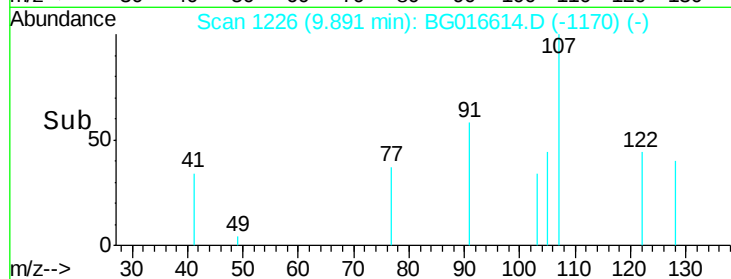
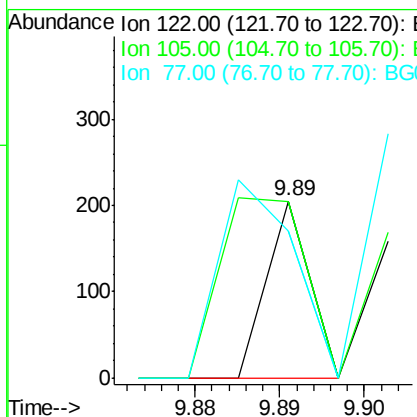
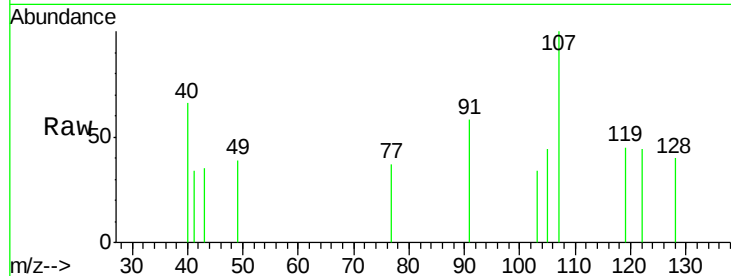




#32
Benzoic acid
Concen: 7.05 ng
RT: 9.89 min Scan# 1226
Delta R.T. 0.13 min
Lab File: BG016614.D
Acq: 22 Apr 2015 10:53

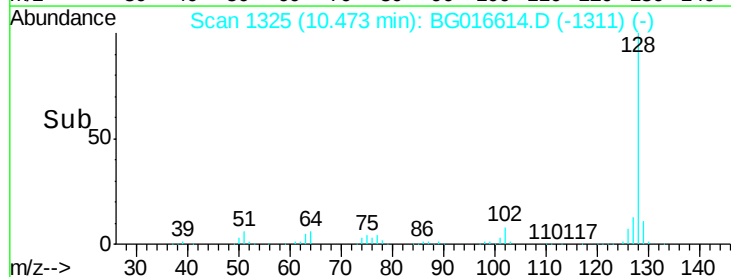
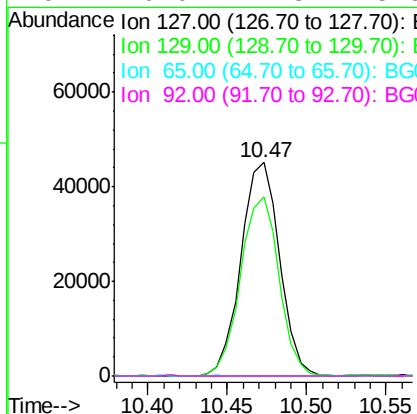
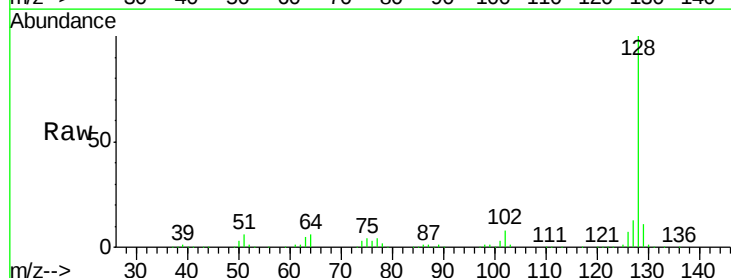
Instrument :
BNA_G
ClientSampleId :

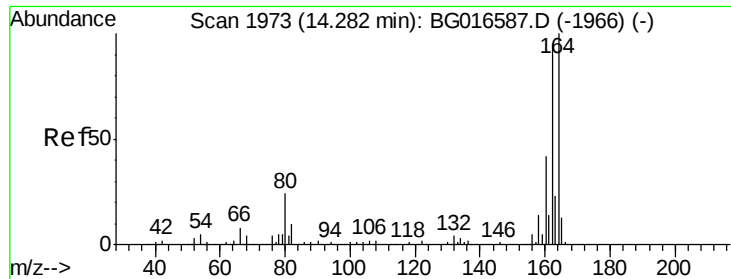
Tot Ion:122 Resp: 72
Ion Ratio Lower Upper
122 100
105 100.0 95.5 135.5
77 82.9 60.2 100.2



#33
4-Chloroaniline
Concen: 15.12 ng
RT: 10.47 min Scan# 1325
Delta R.T. -0.12 min
Lab File: BG016614.D
Acq: 22 Apr 2015 10:53

Tgt Ion:127 Resp: 76204
Ion Ratio Lower Upper
127 100
129 84.0 25.4 38.0#
65 0.0 19.0 28.4#
92 0.0 12.3 18.5#

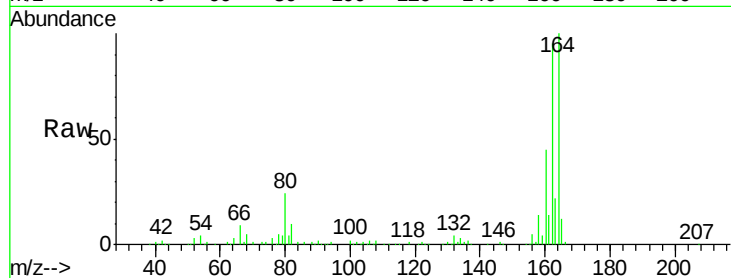




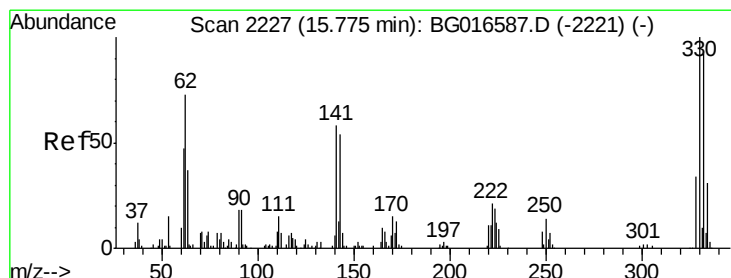
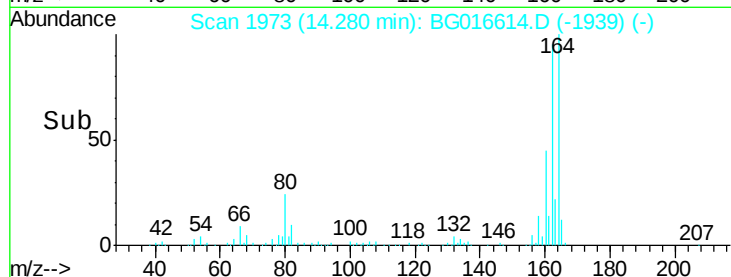
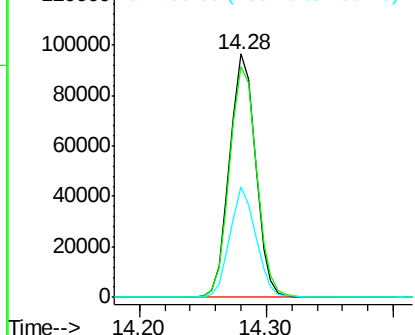
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.28 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG016614.D
Acq: 22 Apr 2015 10:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 136466
Ion Ratio Lower Upper
164 100
162 94.8 75.8 113.6
160 45.2 33.8 50.6

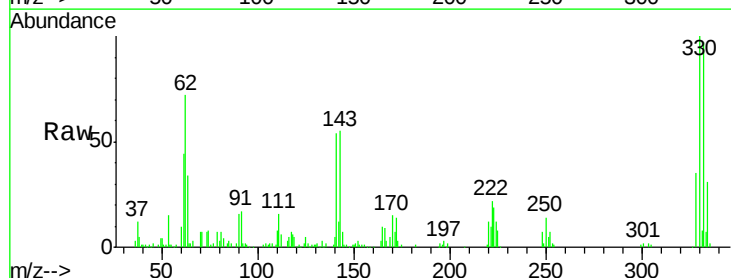


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

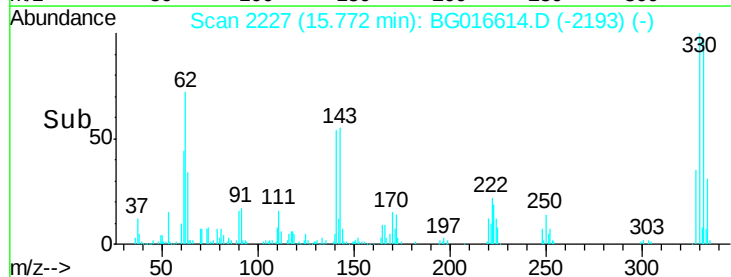
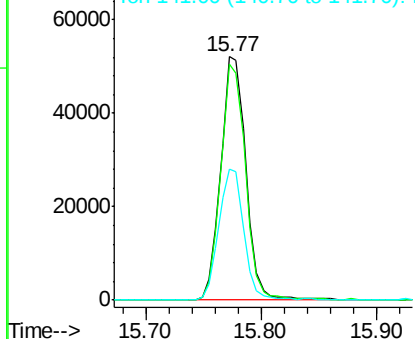


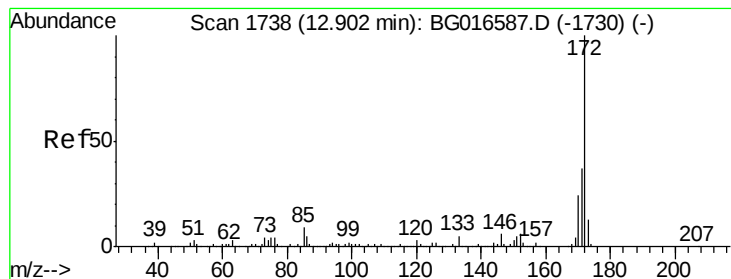
#41
2,4,6-Tribromophenol
Concen: 84.66 ng
RT: 15.77 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BG016614.D
Acq: 22 Apr 2015 10:53

Tgt Ion:330 Resp: 78466
Ion Ratio Lower Upper
330 100
332 96.2 76.6 114.8
141 54.1 45.9 68.9



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

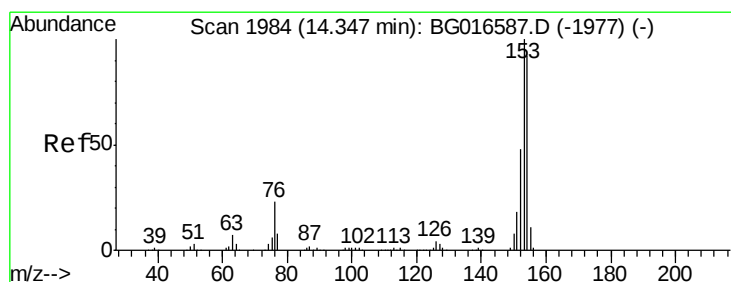
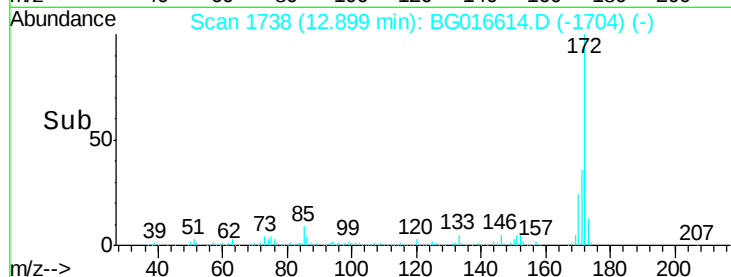
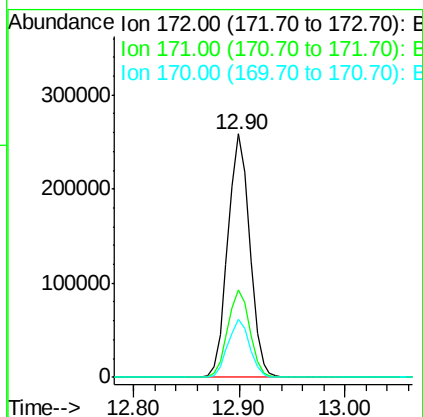
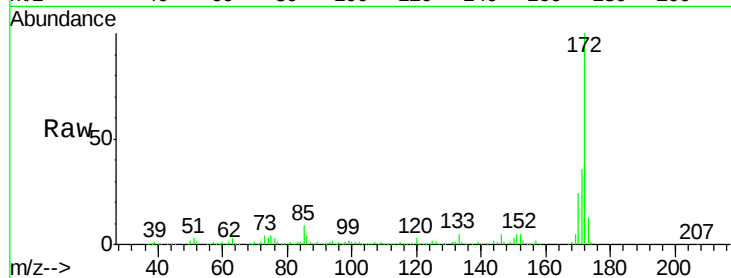




#44
2-Fluorobiphenyl
Concen: 44.97 ng
RT: 12.90 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG016614.D
Acq: 22 Apr 2015 10:53

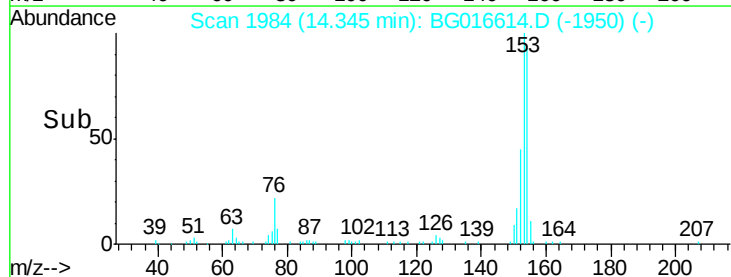
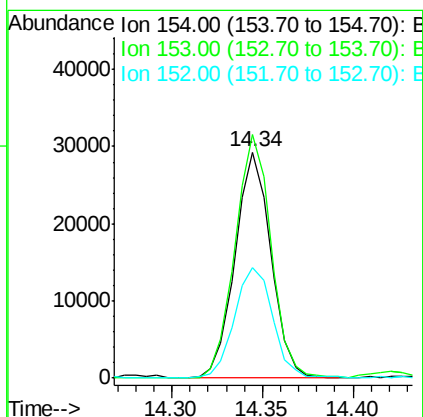
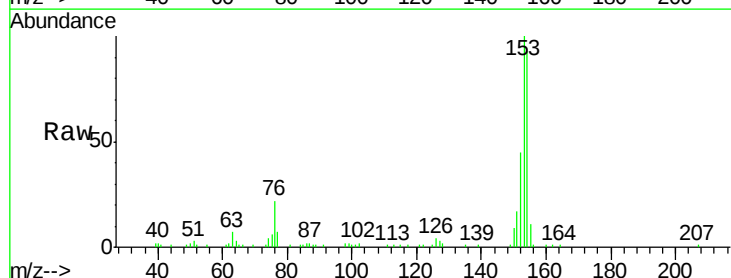
Instrument :
BNA_G
ClientSampleId :

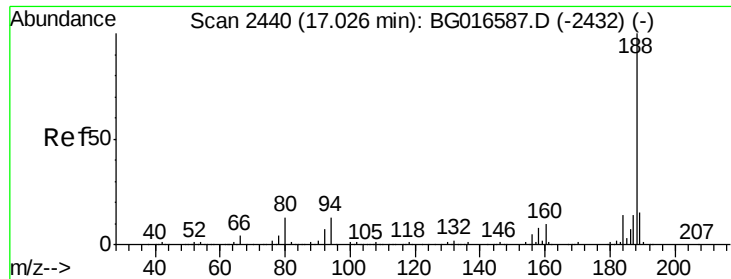
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.6	19.4	29.0



#51
Acenaphthene
Concen: 4.73 ng
RT: 14.34 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BG016614.D
Acq: 22 Apr 2015 10:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	107.8	87.3	130.9
152	49.0	41.4	62.2

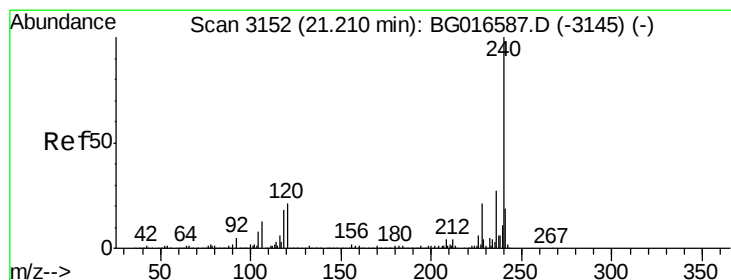
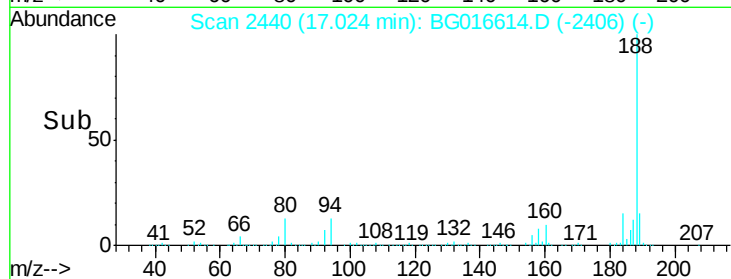
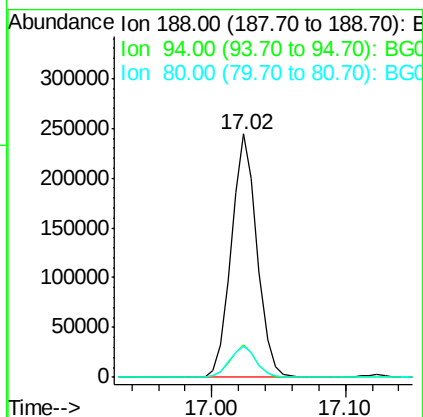
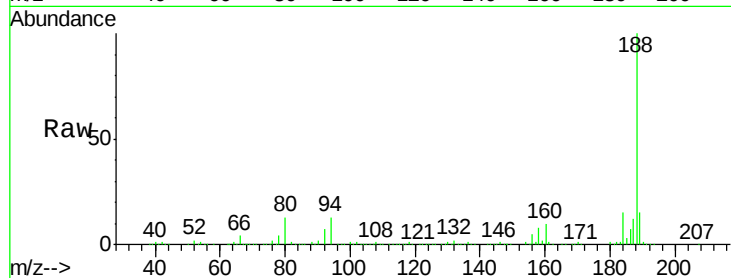




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG016614.D
Acq: 22 Apr 2015 10:53

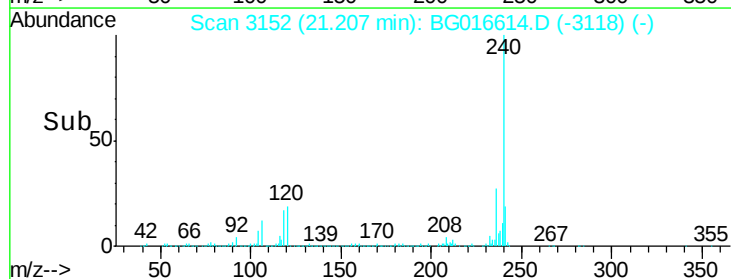
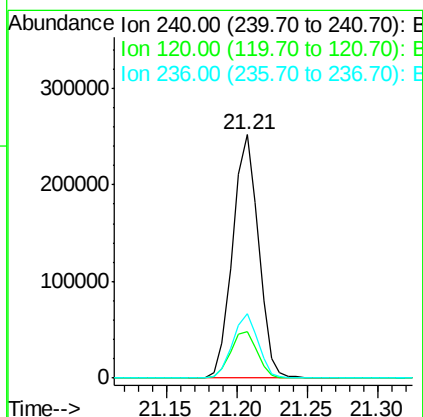
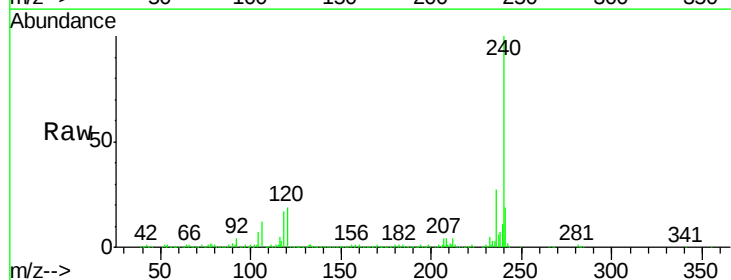
Instrument :
BNA_G
ClientSampleId :

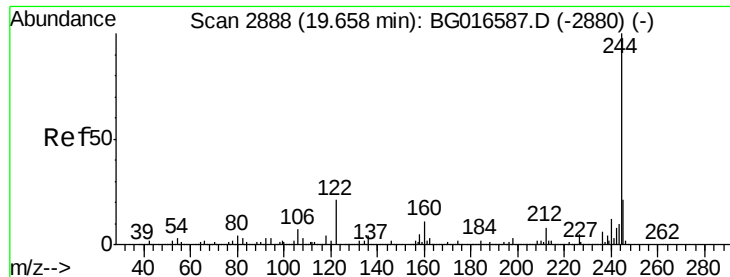
Tot Ion:188 Resp: 327460
Ion Ratio Lower Upper
188 100
94 13.4 10.5 15.7
80 13.0 10.6 16.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG016614.D
Acq: 22 Apr 2015 10:53

Tgt Ion:240 Resp: 322380
Ion Ratio Lower Upper
240 100
120 19.2 16.7 25.1
236 26.6 21.7 32.5





#78

Terphenyl-d14

Concen: 42.23 ng

RT: 19.66 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG016614.D

Acq: 22 Apr 2015 10:53

Instrument :

BNA_G

ClientSampleId :

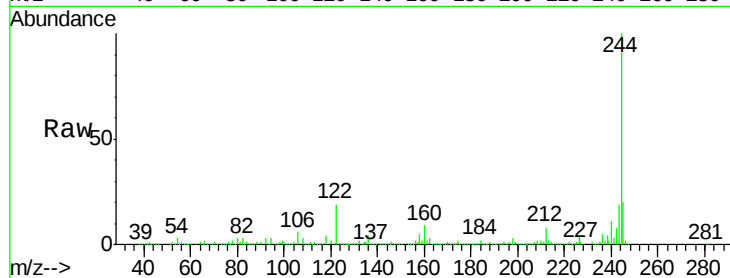
Tot Ion:244 Resp: 565092

Ion Ratio Lower Upper

244 100

212 7.6 6.8 10.2

122 18.9 17.0 25.6

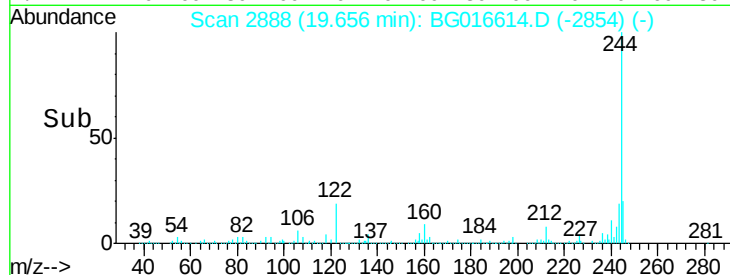


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



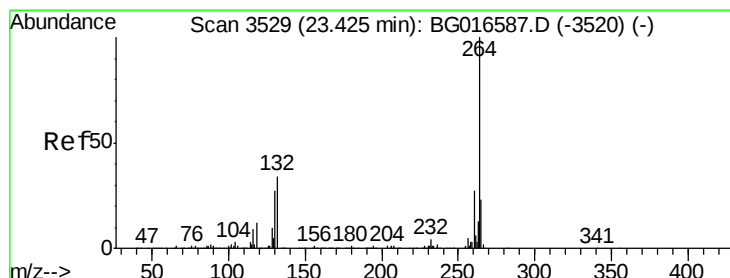
Abundance

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

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.43 min Scan# 3530

Delta R.T. 0.00 min

Lab File: BG016614.D

Acq: 22 Apr 2015 10:53

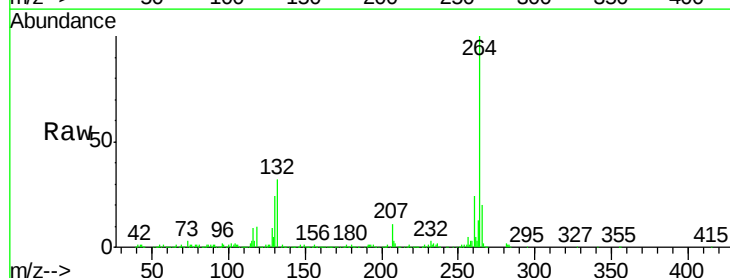
Tgt Ion:264 Resp: 298931

Ion Ratio Lower Upper

264 100

260 24.1 21.4 32.2

265 20.2 18.7 28.1

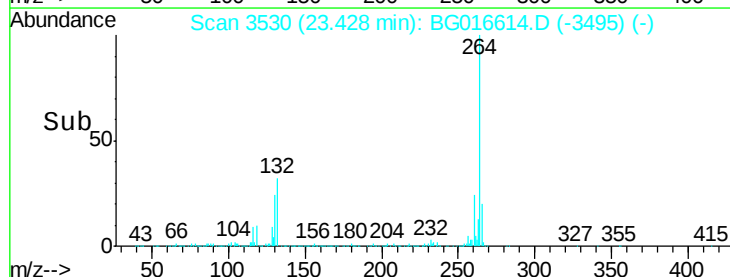


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



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

Time-->