

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 :
 TRC-MW3DL

Quant Time: Apr 22 16:07:09 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

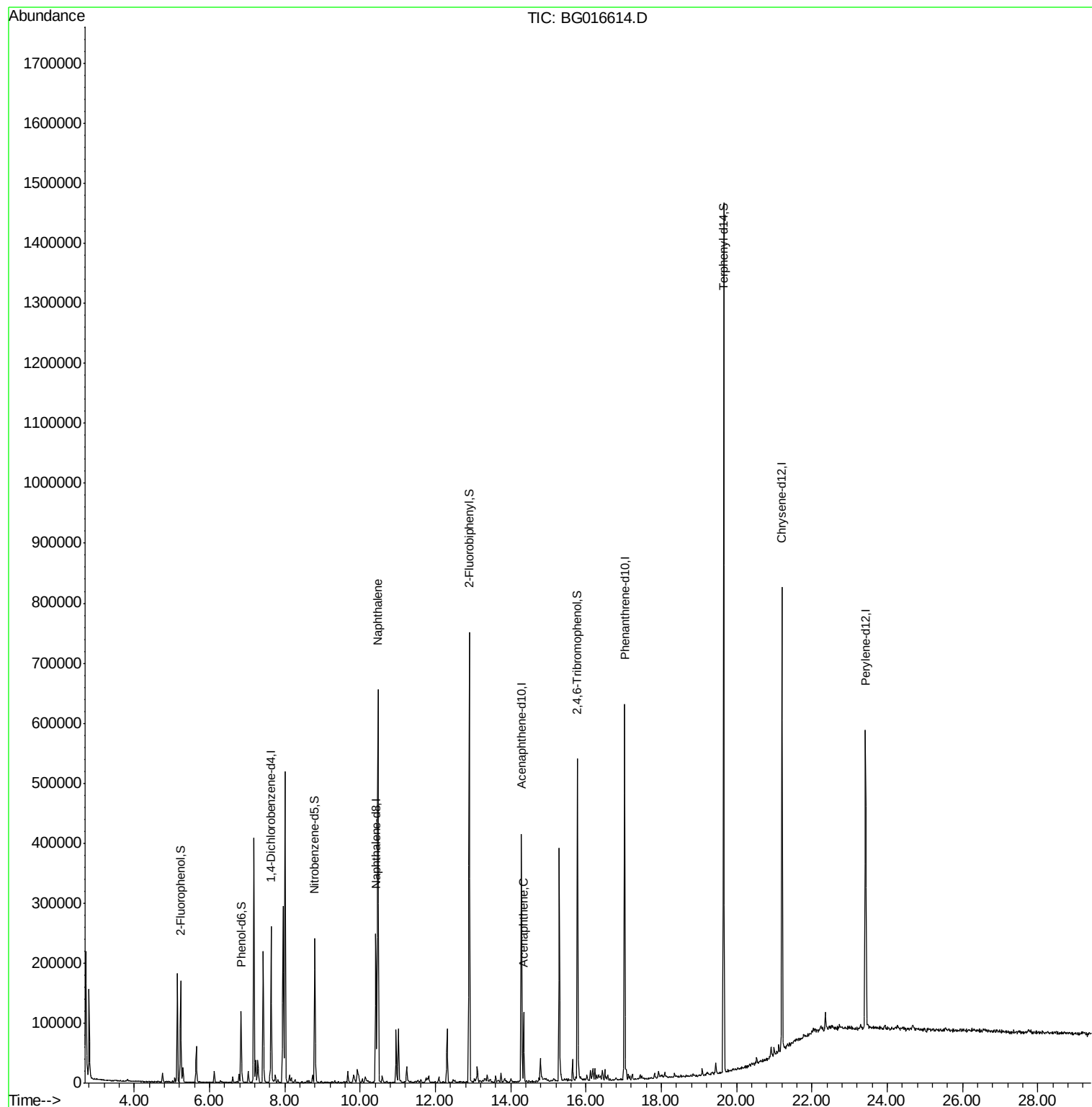
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	44783	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	211130	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	136466	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	327460	20.00	ng	0.00
75) Chrysene-d12	21.21	240	322380	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
51) Acenaphthene	14.34	154	40327	4.73	ng	98

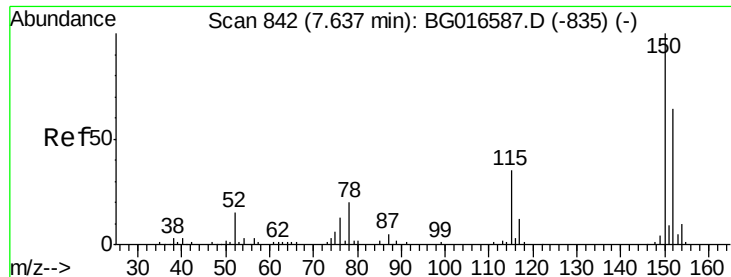
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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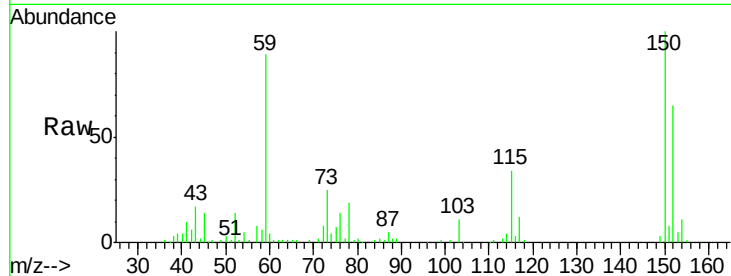


#1

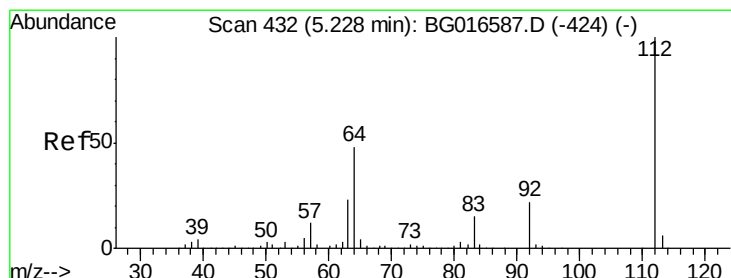
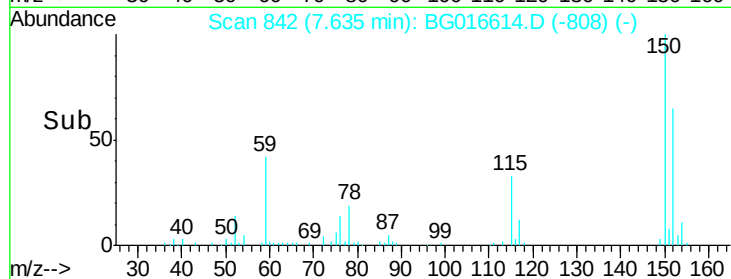
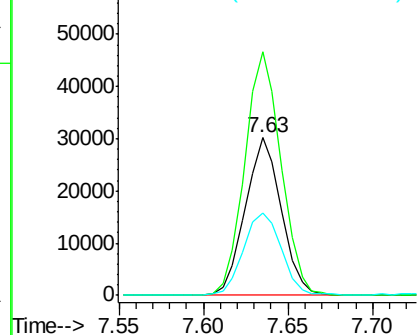
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 842
Delta R.T. -0.00 min
Lab File: BG016614.D
Acq: 22 Apr 2015 10:53

Instrument :
BNA_G
ClientSampleId :
TRC-MW3DL

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



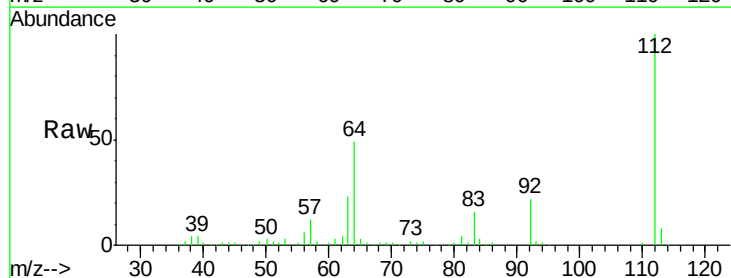
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



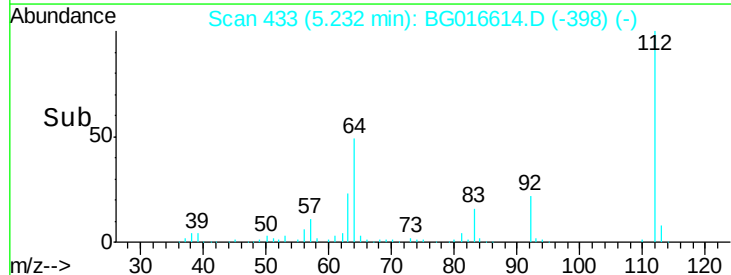
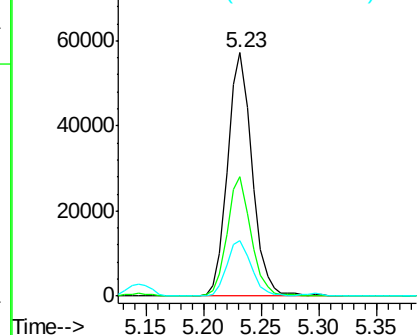
#5

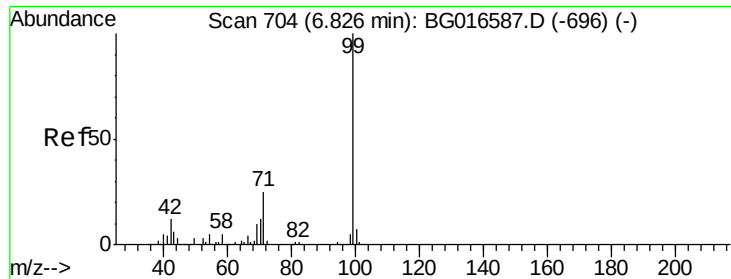
2-Fluorophenol
Concen: 30.18 ng
RT: 5.23 min Scan# 433
Delta R.T. 0.00 min
Lab File: BG016614.D
Acq: 22 Apr 2015 10:53

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): BG
Ion 63.00 (62.70 to 63.70): BG





#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 :

TRC-MW3DL

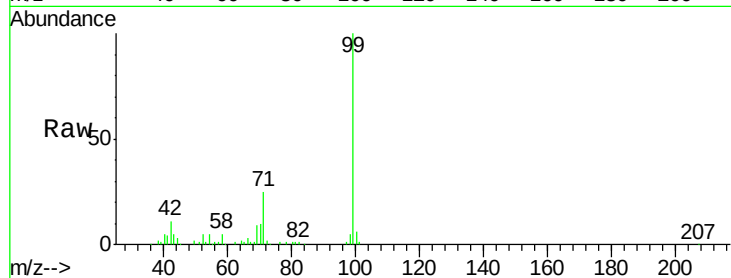
Tot Ion: 99 Resp: 83718

Ion Ratio Lower Upper

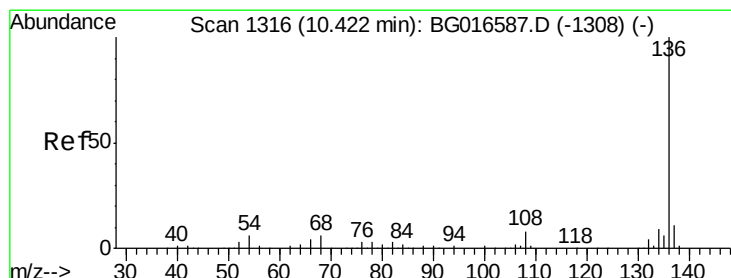
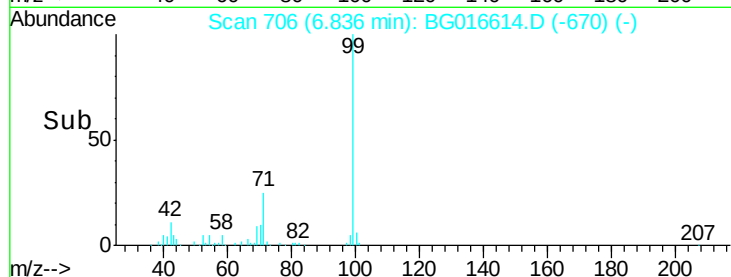
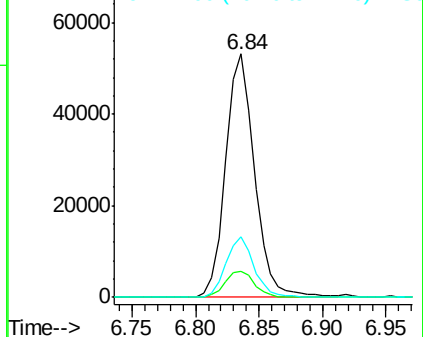
99 100

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

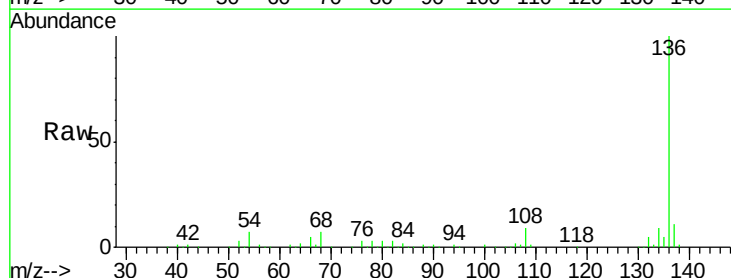
Ion Ratio Lower Upper

136 100

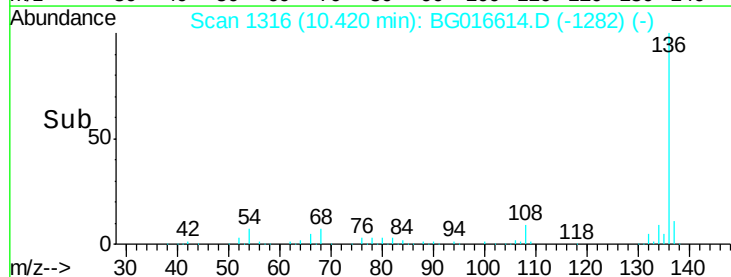
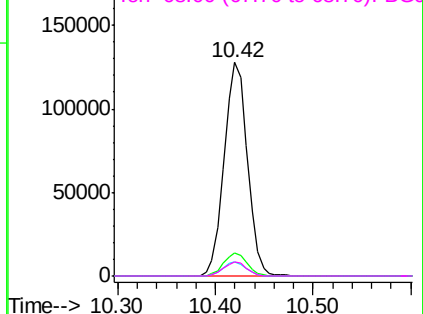
137 10.8 8.8 13.2

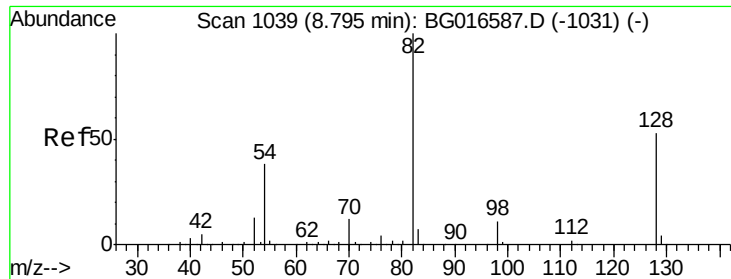
54 6.6 4.9 7.3

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

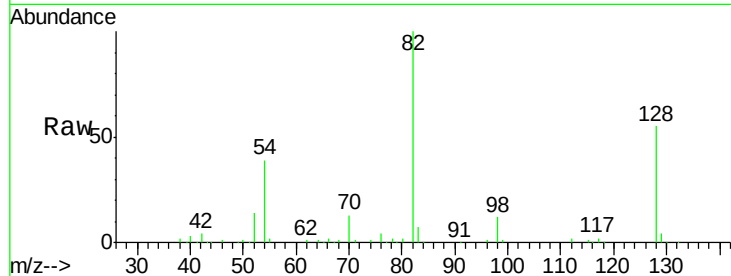




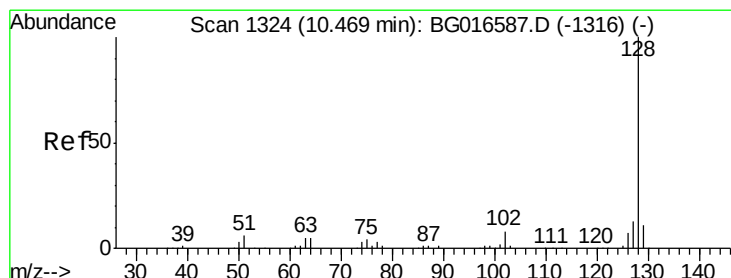
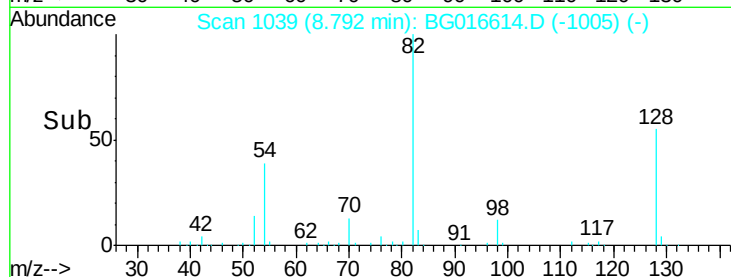
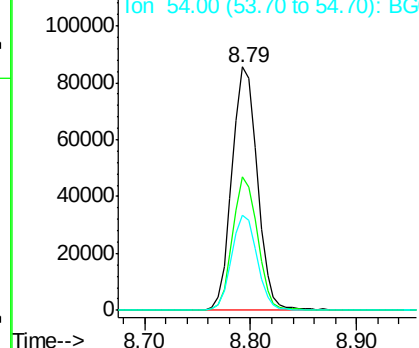
#23
 Nitrobenzene-d5
 Concen: 41.70 ng
 RT: 8.79 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG016614.D
 Acq: 22 Apr 2015 10:53

Instrument :
 BNA_G
 ClientSampleId :
 TRC-MW3DL

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

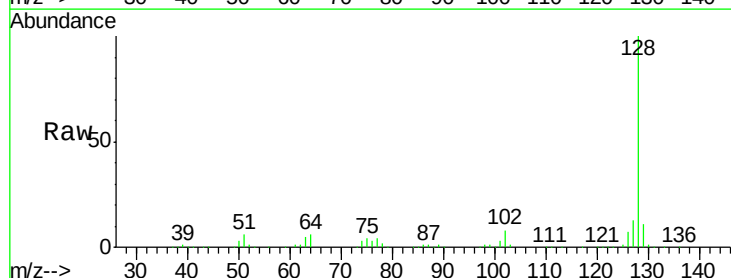


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

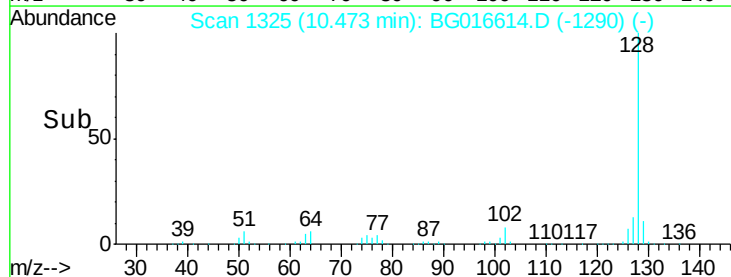
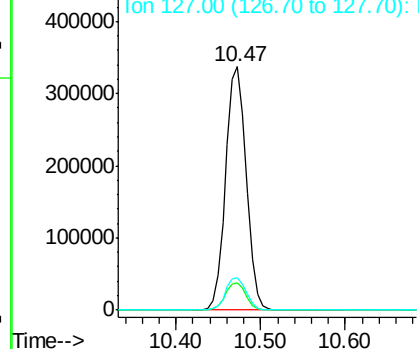


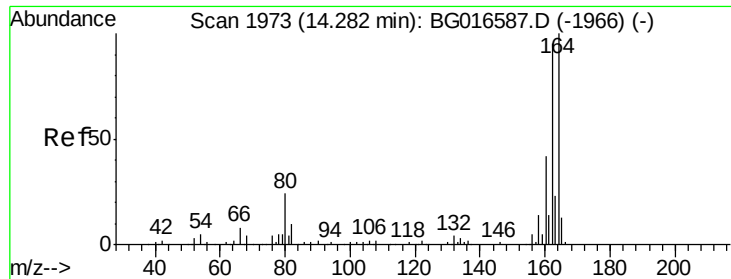
#31
 Naphthalene
 Concen: 51.69 ng
 RT: 10.47 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BG016614.D
 Acq: 22 Apr 2015 10:53

Tgt Ion	128	Resp	569704
Ion Ratio	100	Lower	Upper
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

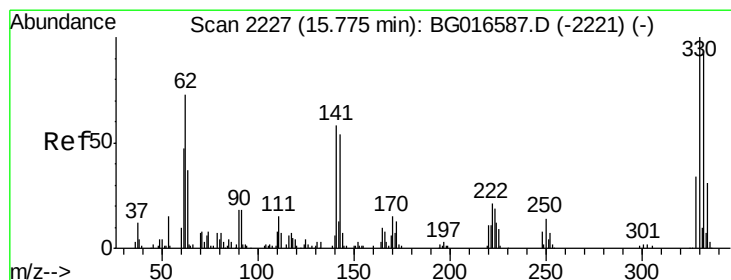
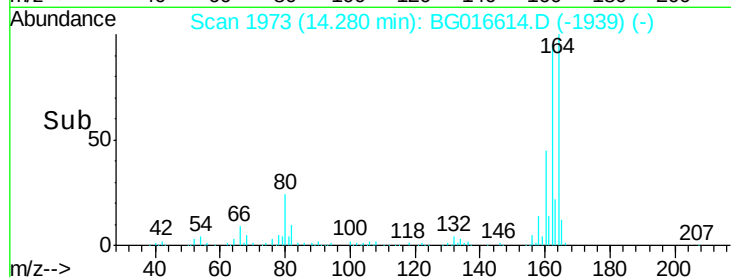
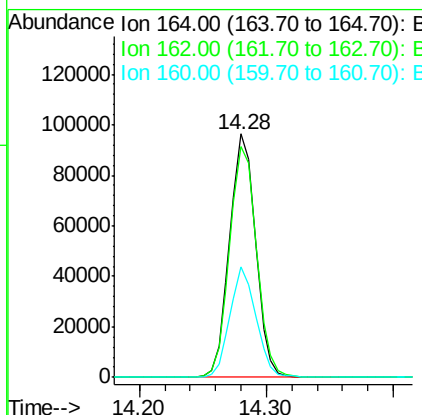
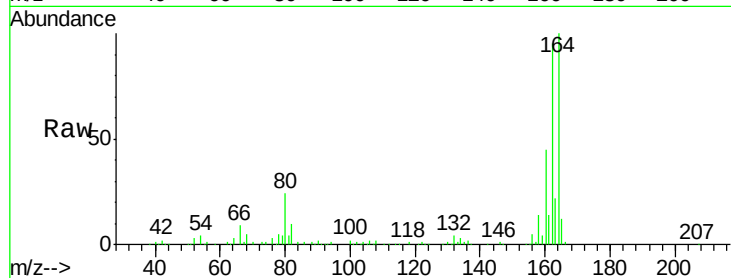




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.28 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG016614.D
 Acq: 22 Apr 2015 10:53

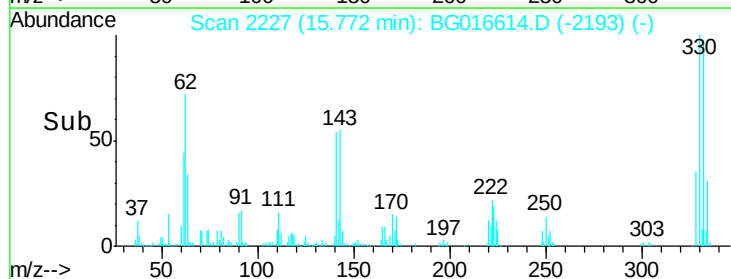
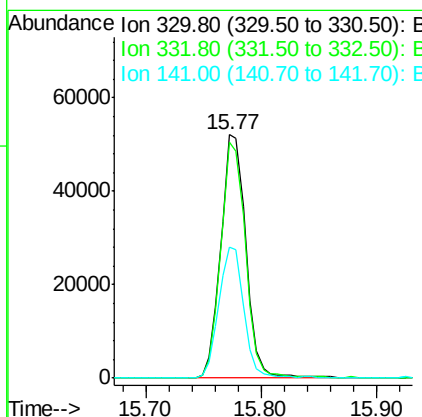
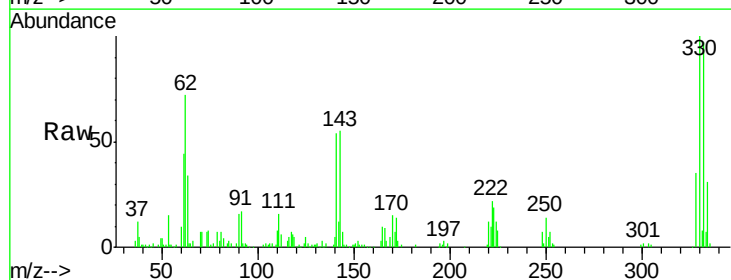
Instrument :
 BNA_G
 ClientSampleId :
 TRC-MW3DL

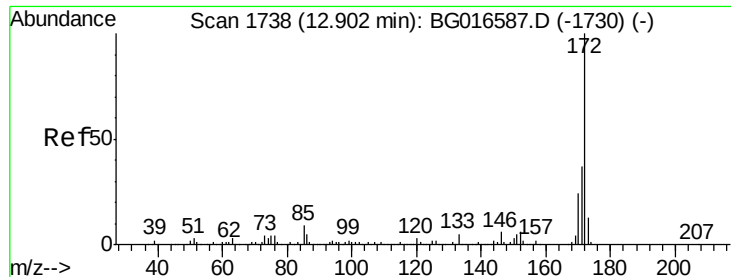
Tot Ion:164 Resp: 136466
 Ion Ratio Lower Upper
 164 100
 162 94.8 75.8 113.6
 160 45.2 33.8 50.6



#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

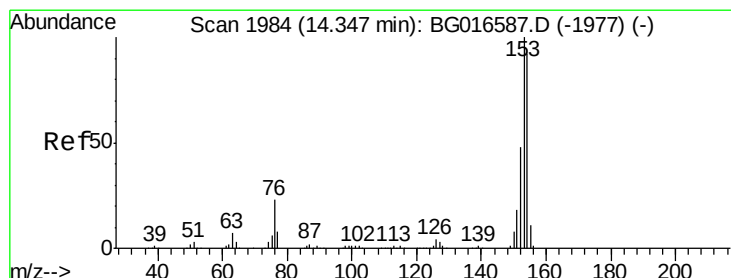
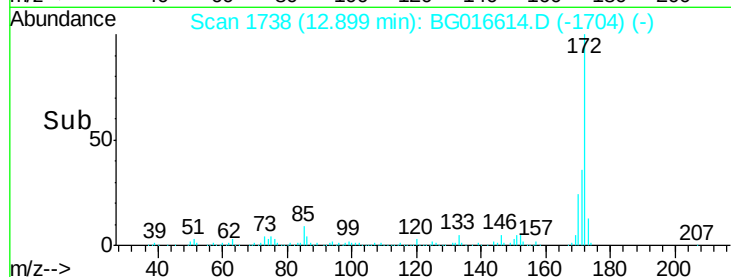
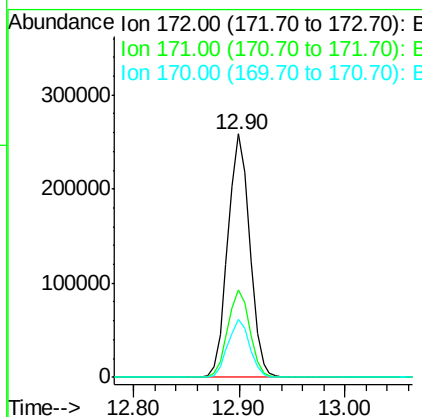
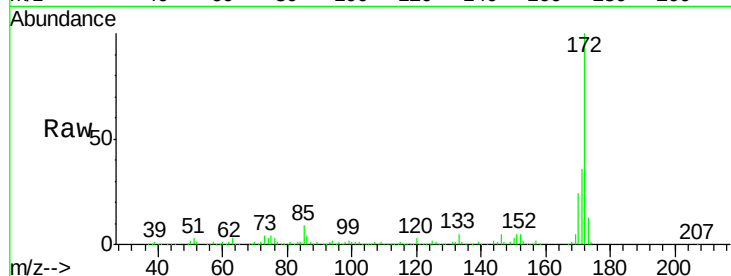




#44
2-Fluorobiphenyl
Concen: 44.97 ng
RT: 12.90 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG016614.D
Acq: 22 Apr 2015 10:53

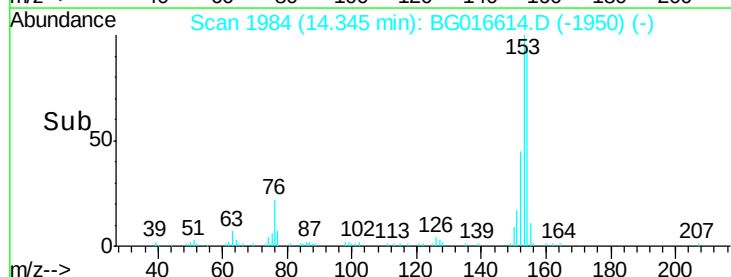
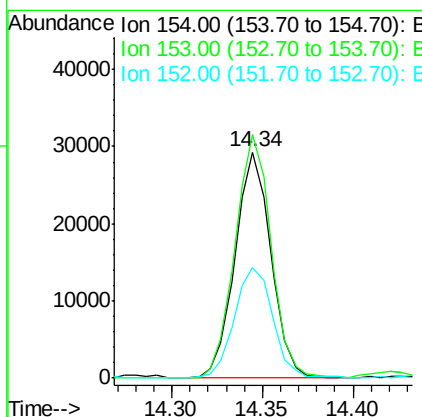
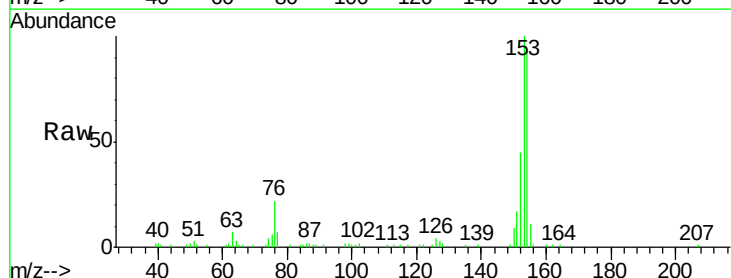
Instrument :
BNA_G
ClientSampleId :
TRC-MW3DL

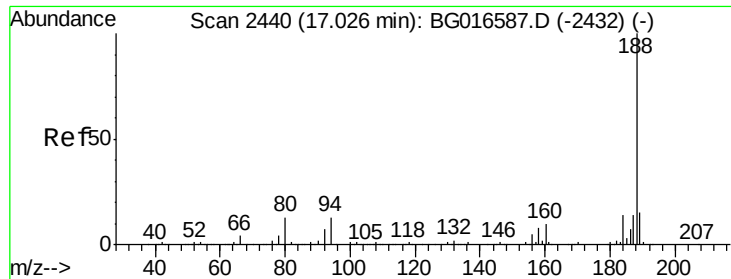
Tot Ion:172 Resp: 370518
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.6 19.4 29.0



#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:154 Resp: 40327
Ion Ratio Lower Upper
154 100
153 107.8 87.3 130.9
152 49.0 41.4 62.2

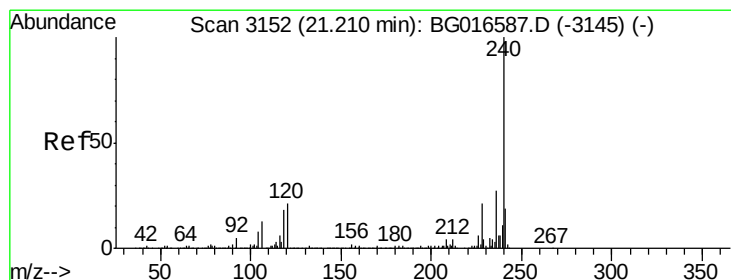
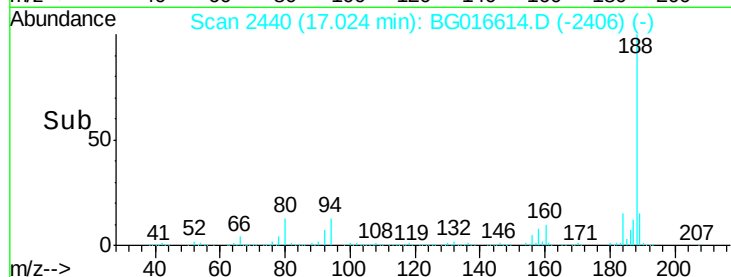
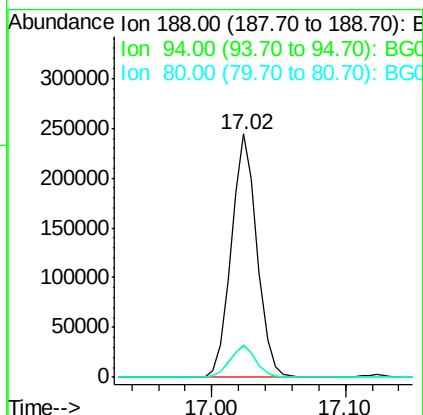
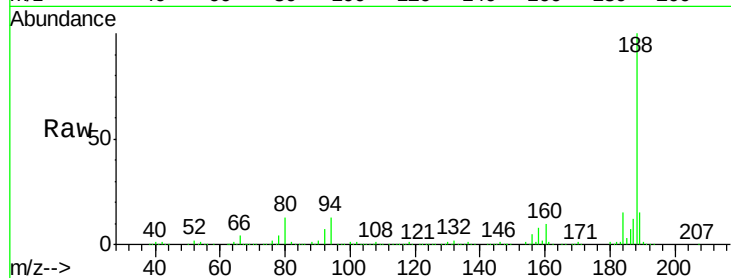




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG016614.D
Acq: 22 Apr 2015 10:53

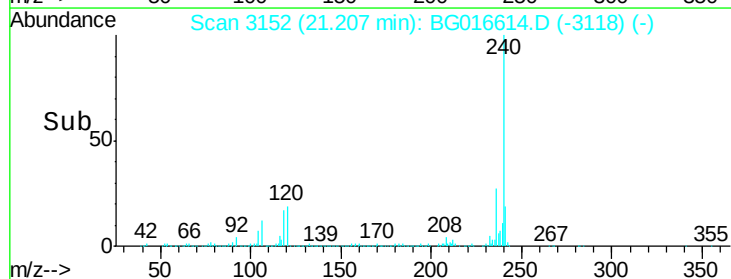
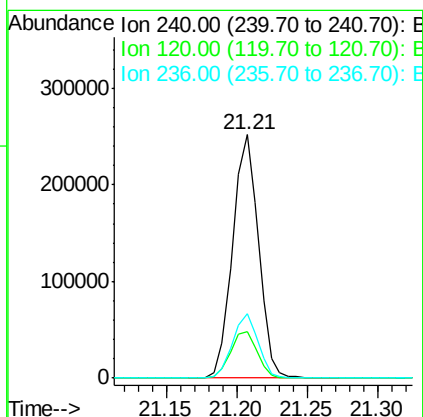
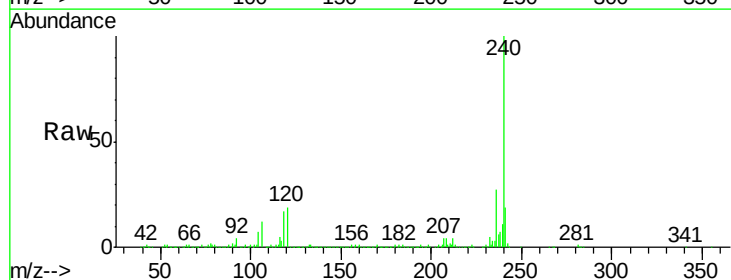
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BNA_G
ClientSampleId :
TRC-MW3DL

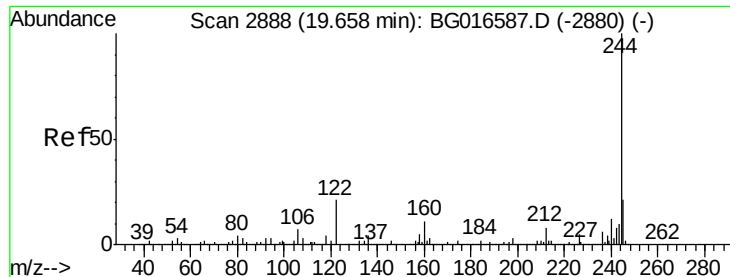
Tot Ion:188 Resp: 327460
Ion Ratio Lower Upper
188 100
94 13.4 10.5 15.7
80 13.0 10.6 16.0



#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 :

TRC-MW3DL

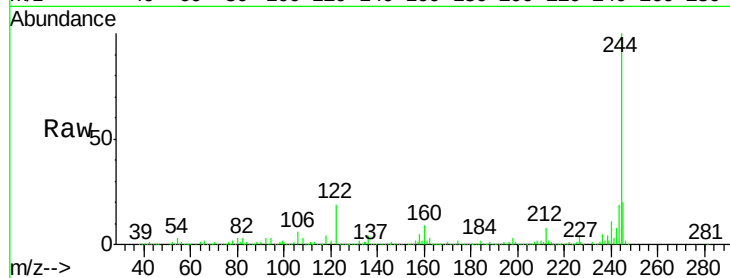
Tot Ion:244 Resp: 565092

Ion Ratio Lower Upper

244 100

212 7.6 6.8 10.2

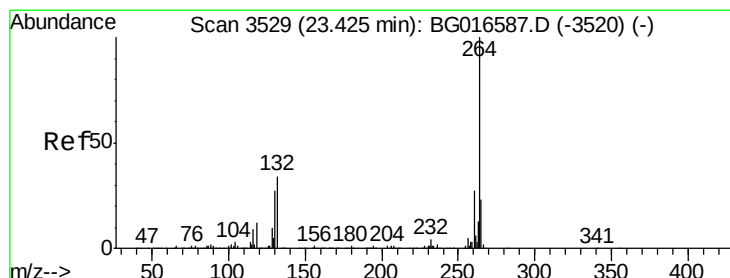
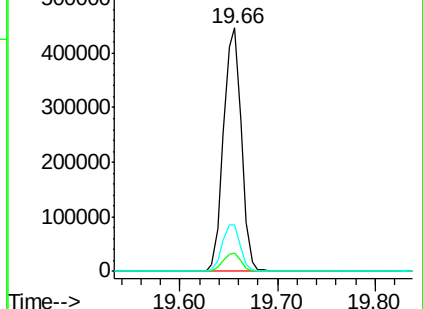
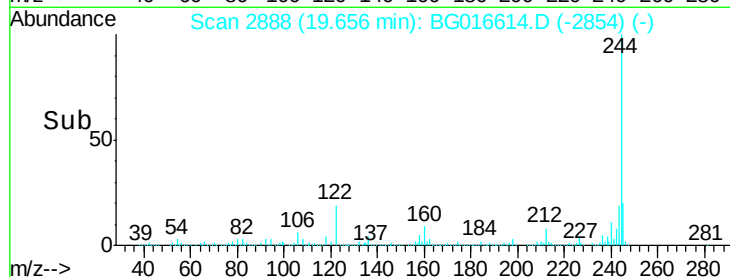
122 18.9 17.0 25.6



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



#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

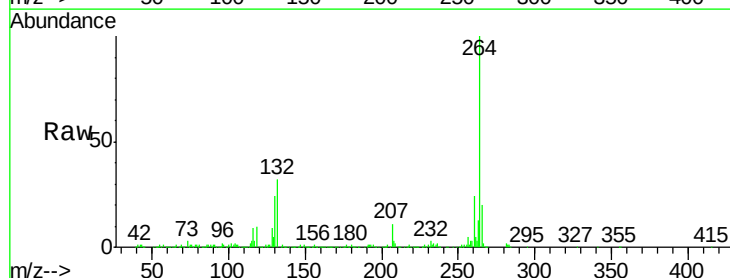
Tgt Ion:264 Resp: 298931

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

