

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
 Data File : BG016371.D
 Acq On : 13 Apr 2015 21:20
 Operator : TP/IZ
 Sample : PB82658TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82658TB

Quant Time: Apr 14 02:33:49 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 02:12:07 2015
 Response via : Initial Calibration

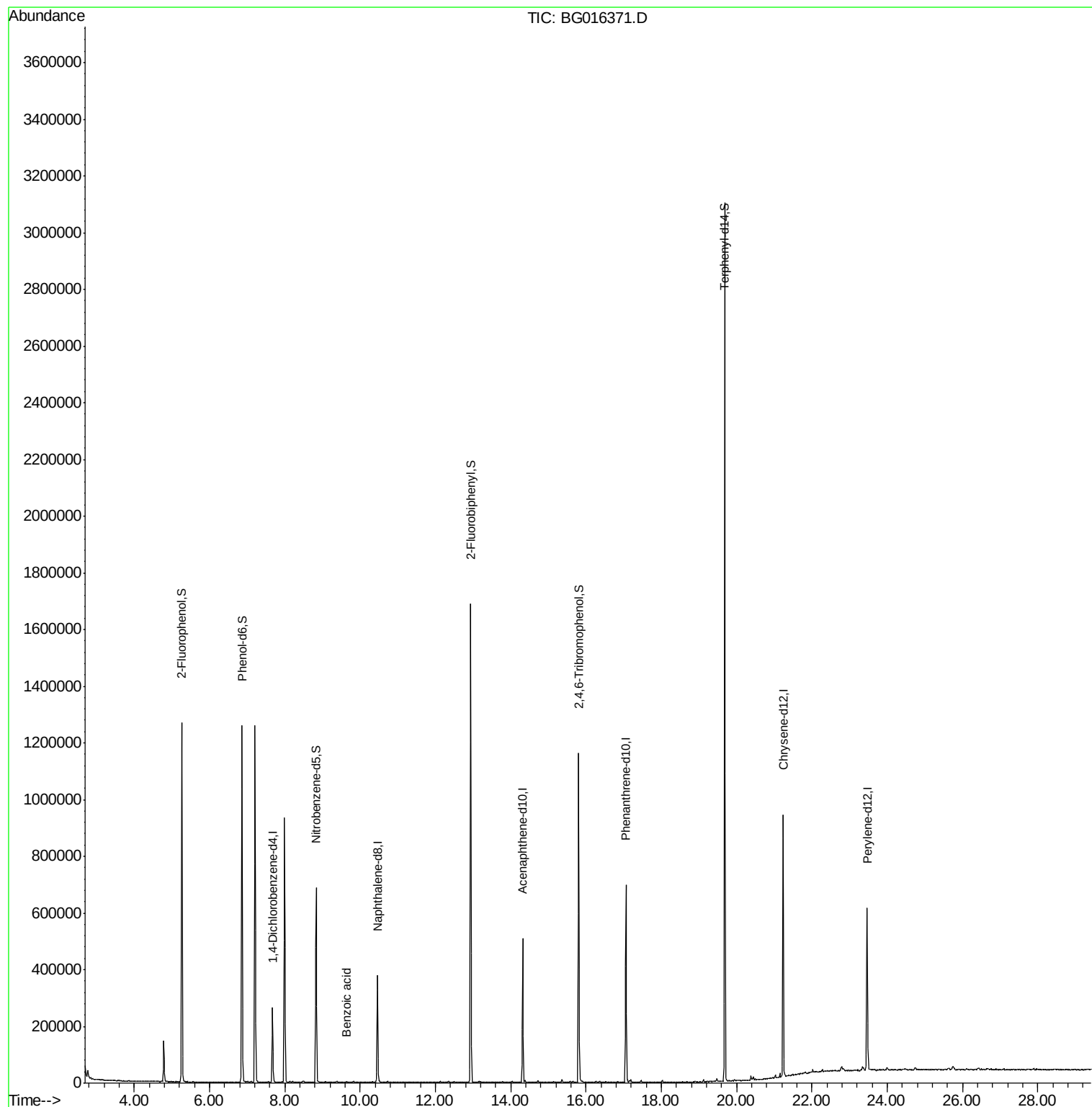
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	72581	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	312603	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	171297	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	381151	20.00	ng	0.00
75) Chrysene-d12	21.24	240	369561	20.00	ng	0.00
86) Perylene-d12	23.47	264	344362	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	594477	129.26	ng	0.00
7) Phenol-d6	6.86	99	799814	115.85	ng	0.00
23) Nitrobenzene-d5	8.83	82	410153	76.01	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	155625	134.34	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	838573	83.35	ng	0.00
78) Terphenyl-d14	19.69	244	1120640	70.97	ng	0.00
Target Compounds						
32) Benzoic acid	9.65	122	941	8.97	ng	Qvalue # 12

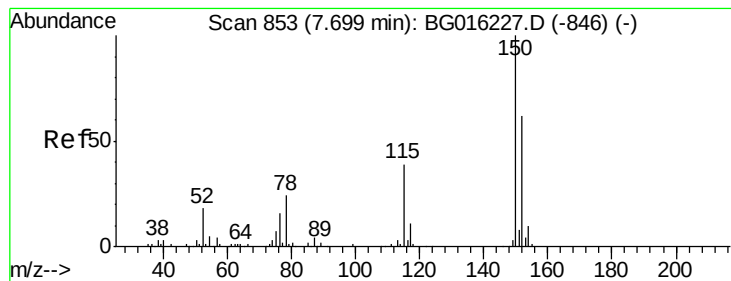
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 849

Delta R.T. 0.00 min

Lab File: BG016371.D

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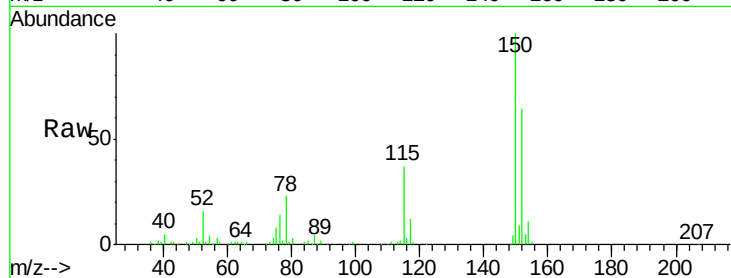
Tgt Ion:152 Resp: 72581

Ion Ratio Lower Upper

152 100

150 155.9 130.1 195.1

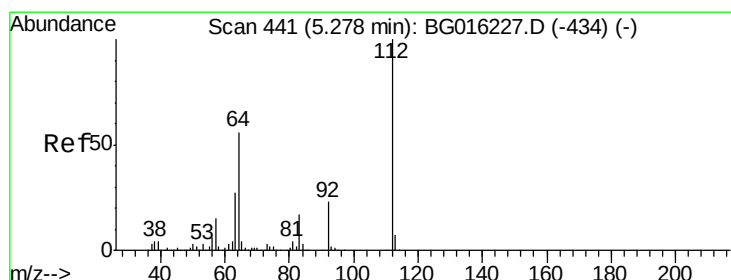
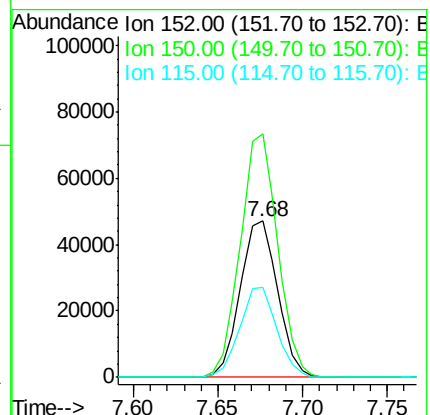
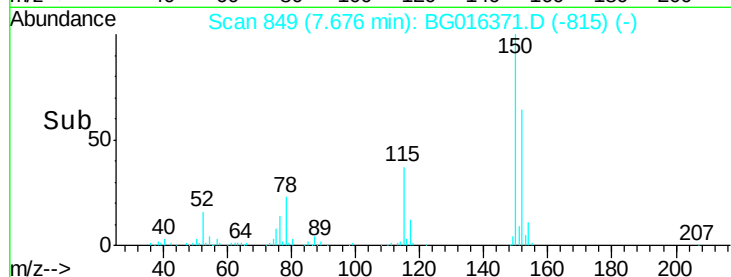
115 57.4 50.5 75.7



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: 129.26 ng

RT: 5.26 min Scan# 438

Delta R.T. 0.01 min

Lab File: BG016371.D

Acq: 13 Apr 2015 21:20

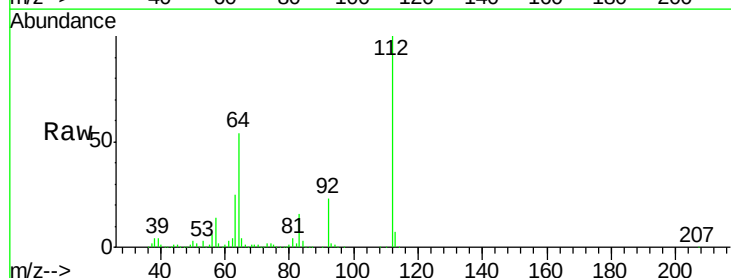
Tgt Ion:112 Resp: 594477

Ion Ratio Lower Upper

112 100

64 54.4 44.5 66.7

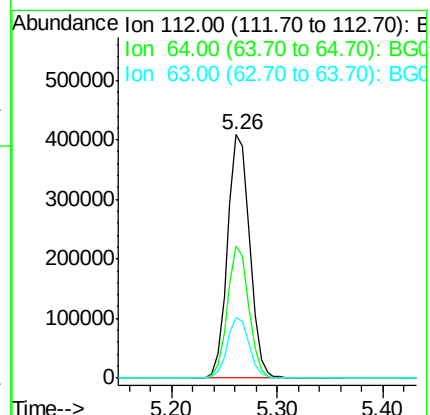
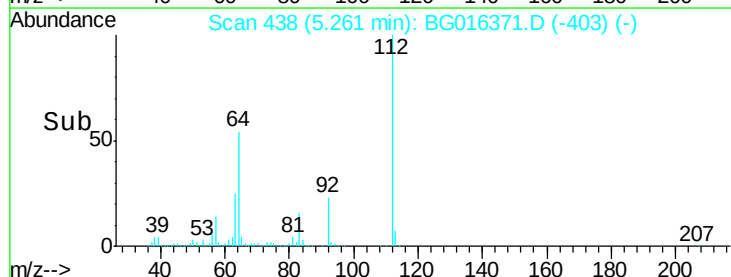
63 24.9 21.4 32.0

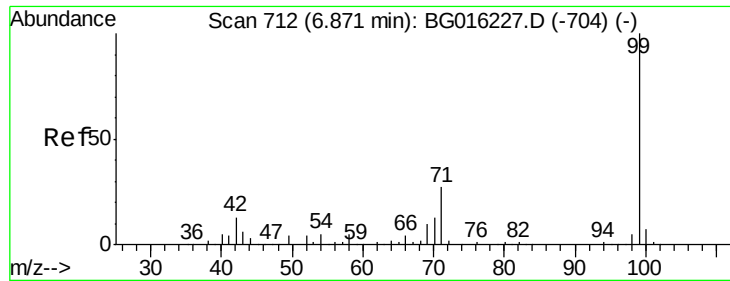


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 115.85 ng

RT: 6.86 min Scan# 710

Delta R.T. 0.00 min

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Instrument :

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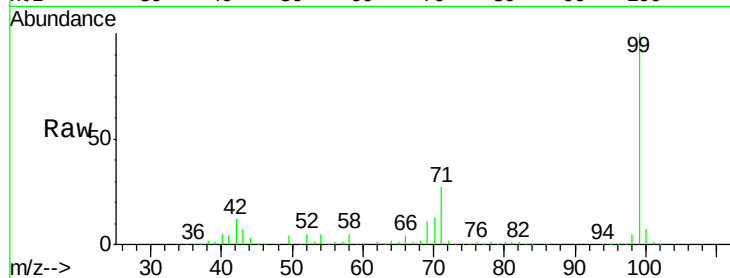
Tgt Ion: 99 Resp: 799814

Ion Ratio Lower Upper

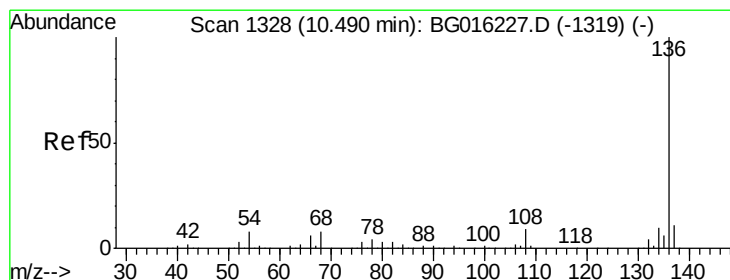
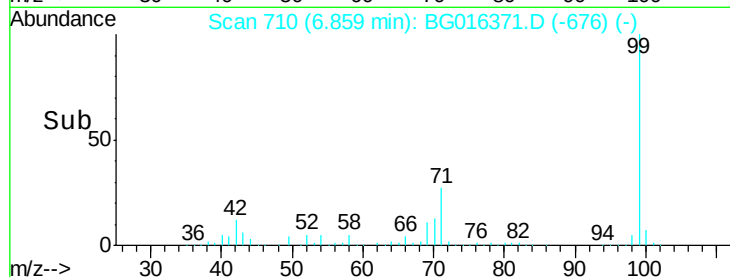
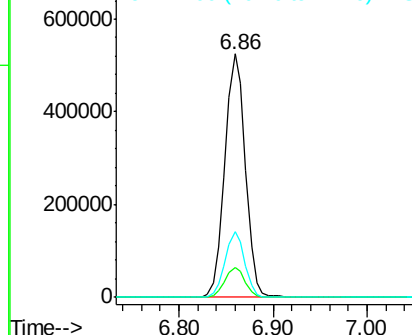
99 100

42 12.5 10.0 15.0

71 26.8 21.5 32.3



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: 10.46 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BG016371.D

Acq: 13 Apr 2015 21:20

Tgt Ion: 136 Resp: 312603

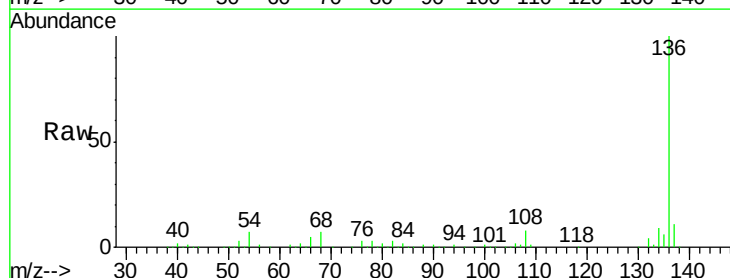
Ion Ratio Lower Upper

136 100

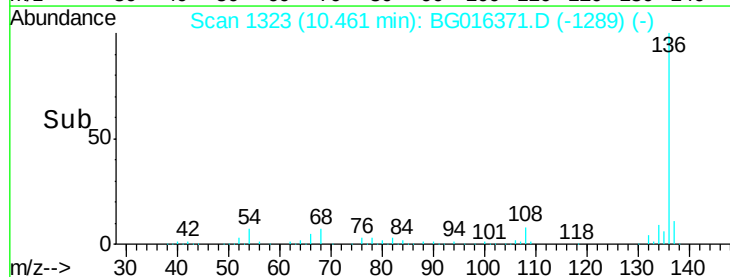
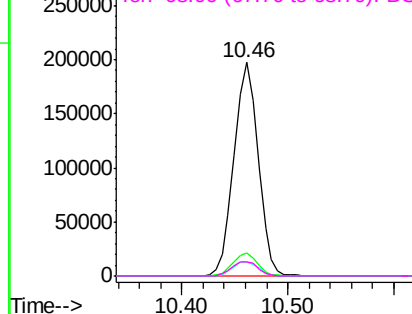
137 11.0 8.7 13.1

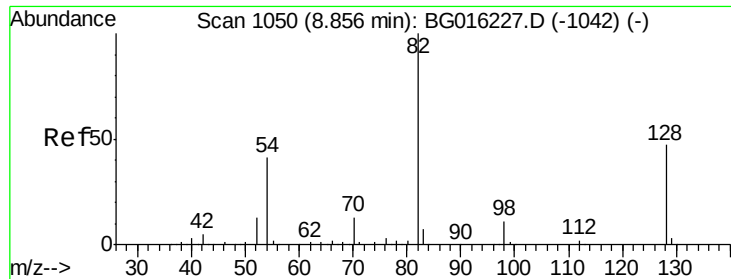
54 6.7 6.3 9.5

68 6.7 6.5 9.7



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

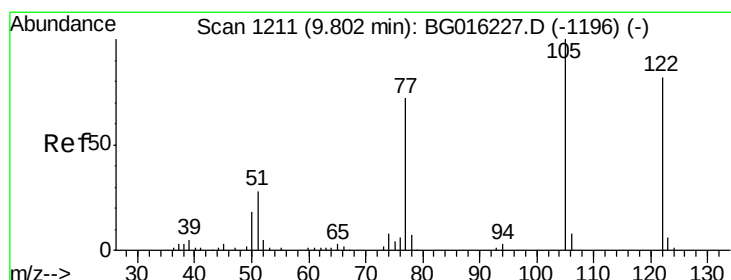
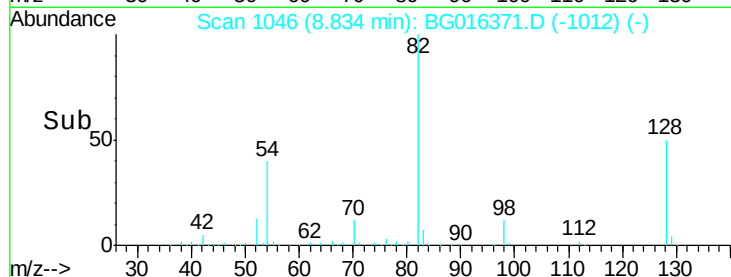
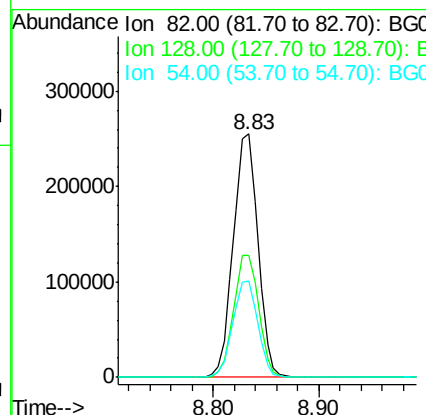
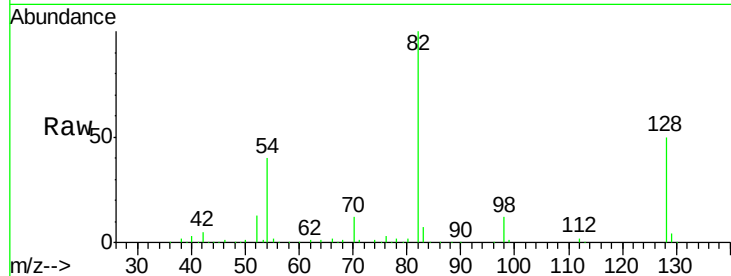




#23
 Nitrobenzene-d5
 Concen: 76.01 ng
 RT: 8.83 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BG016371.D
 Acq: 13 Apr 2015 21:20

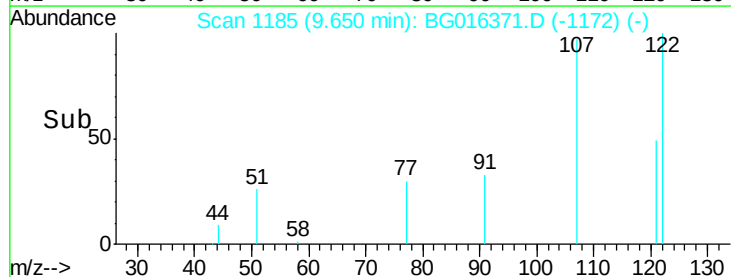
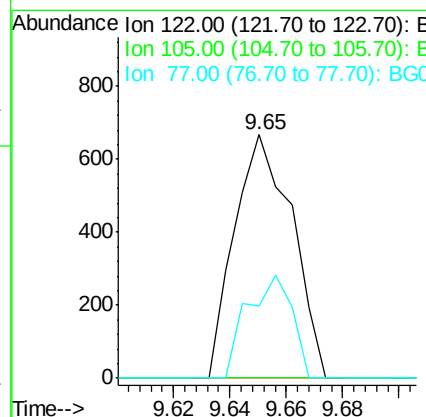
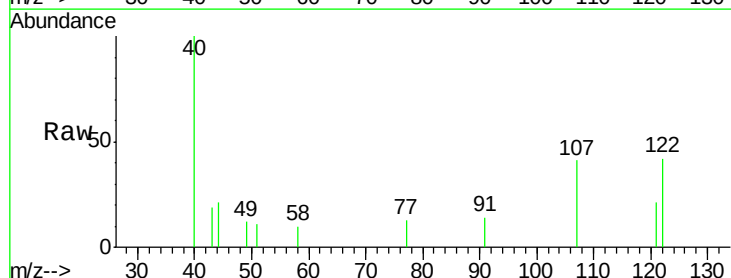
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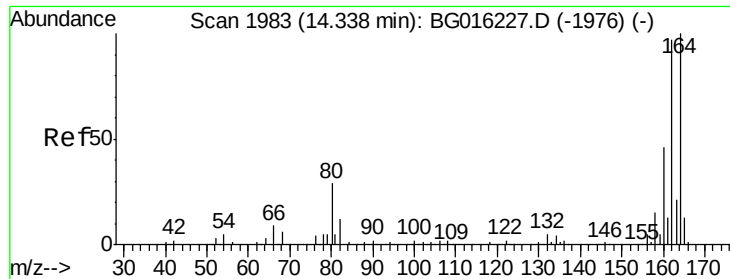
Tgt Ion: 82 Resp: 410153
 Ion Ratio Lower Upper
 82 100
 128 50.0 37.8 56.8
 54 39.6 32.6 49.0



#32
 Benzoic acid
 Concen: 8.97 ng
 RT: 9.65 min Scan# 1185
 Delta R.T. -0.12 min
 Lab File: BG016371.D
 Acq: 13 Apr 2015 21:20

Tgt Ion: 122 Resp: 941
 Ion Ratio Lower Upper
 122 100
 105 0.0 99.7 139.7#
 77 29.8 66.8 106.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.32 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG016371.D

Acq: 13 Apr 2015 21:20

Instrument :

BNA_G

ClientSampleId :

PB82658TB

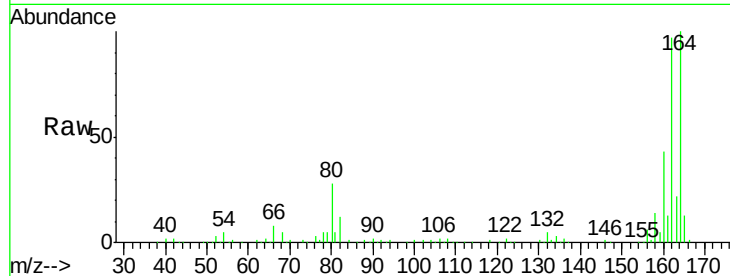
Tgt Ion:164 Resp: 171297

Ion Ratio Lower Upper

164 100

162 96.9 77.3 115.9

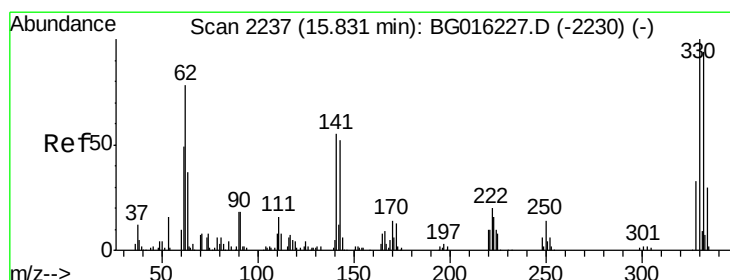
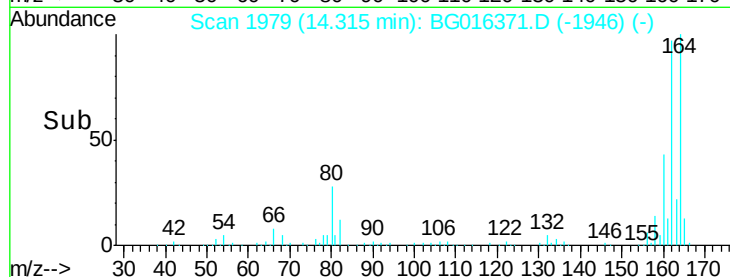
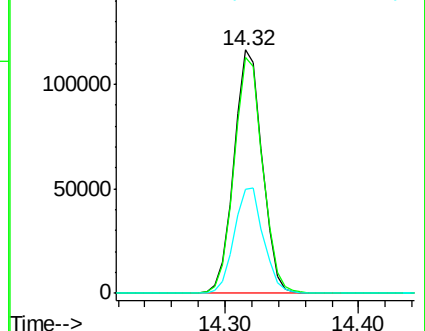
160 42.8 36.7 55.1



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: 134.34 ng

RT: 15.81 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BG016371.D

Acq: 13 Apr 2015 21:20

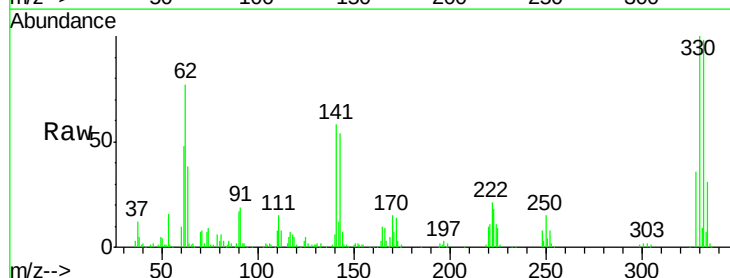
Tgt Ion:330 Resp: 155625

Ion Ratio Lower Upper

330 100

332 97.1 75.8 113.6

141 57.1 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

