

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016147.D
 Acq On : 26 Mar 2015 19:14
 Operator : TP/IZ
 Sample : G1614-05
 Misc : LOD-WATER-5PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

Quant Time: Mar 27 04:51:53 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 03:23:37 2015
 Response via : Initial Calibration

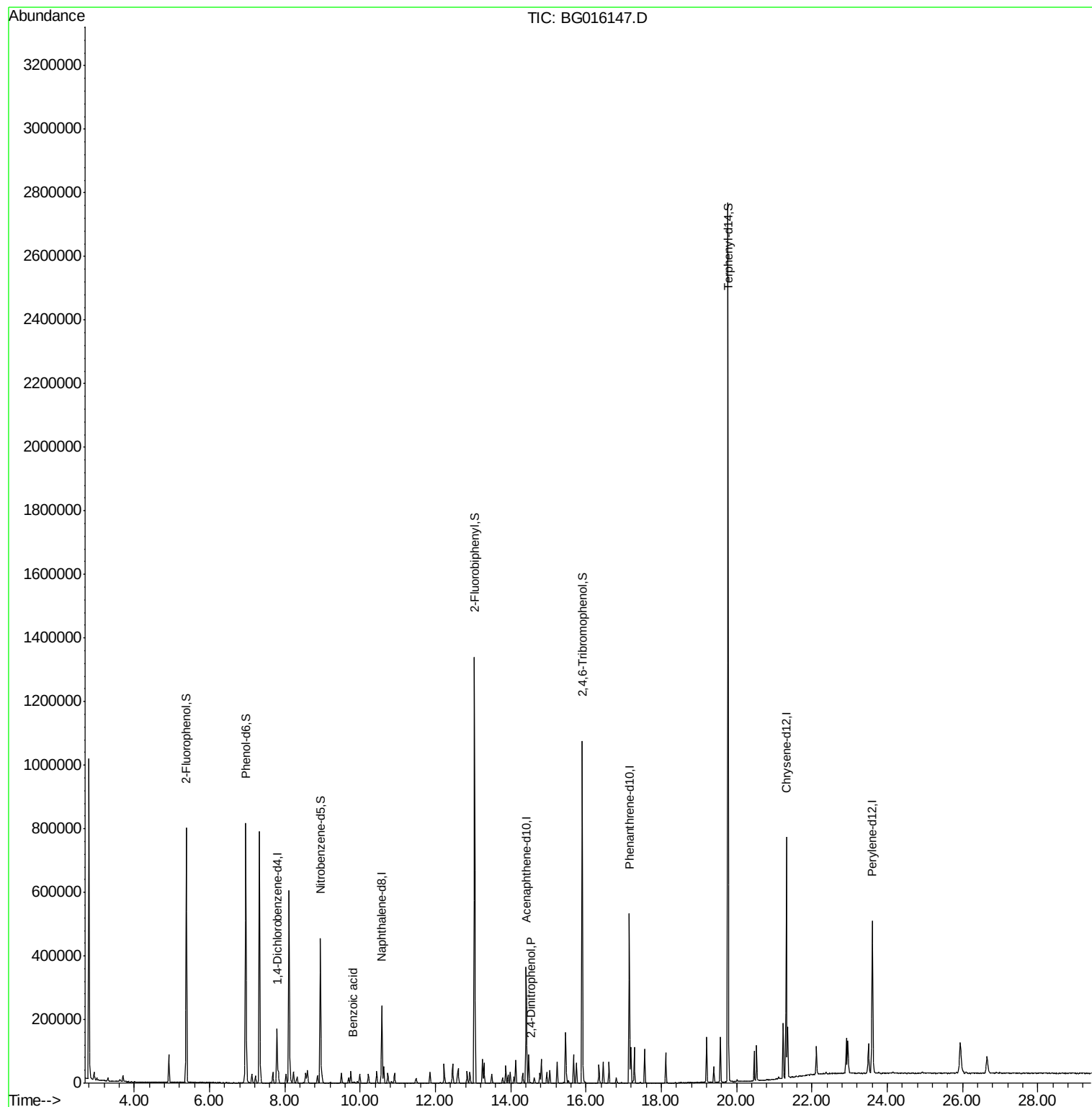
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	48422	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	205317	20.00	ng	0.00
38) Acenaphthene-d10	14.41	164	127054	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	299021	20.00	ng	0.00
75) Chrysene-d12	21.32	240	338046	20.00	ng	0.00
86) Perylene-d12	23.61	264	322327	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	389511	134.63	ng	0.01
7) Phenol-d6	6.96	99	529375	131.45	ng	0.01
23) Nitrobenzene-d5	8.94	82	264546	79.89	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	207896	142.50	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	672873	88.65	ng	0.00
78) Terphenyl-d14	19.78	244	1138649	84.83	ng	0.00
Target Compounds						
32) Benzoic acid	9.81	122	2342	6.26	ng	91
53) 2,4-Dinitrophenol	14.53	184	563	5.77	ng	91

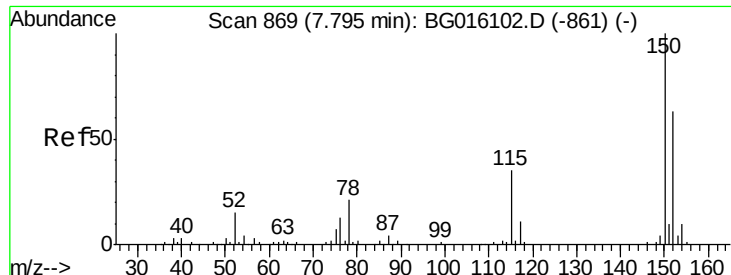
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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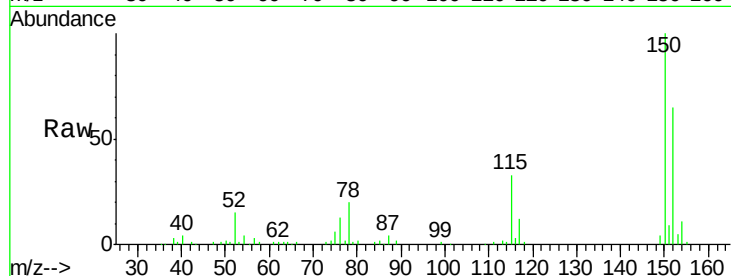


#1

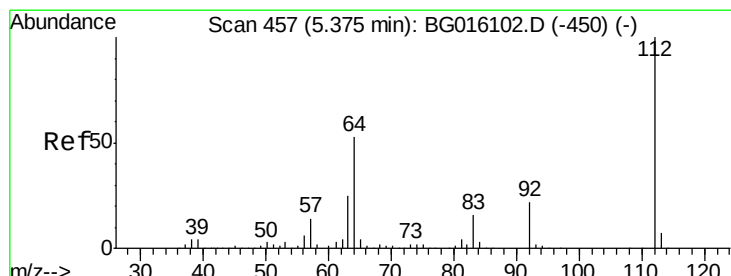
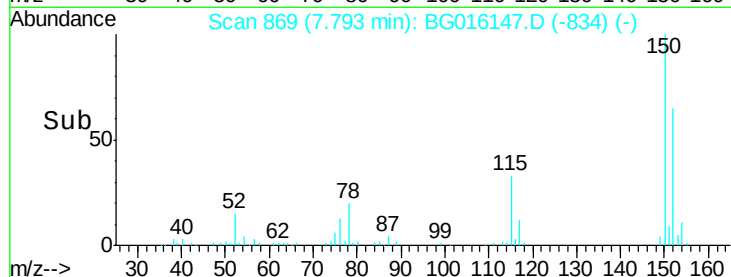
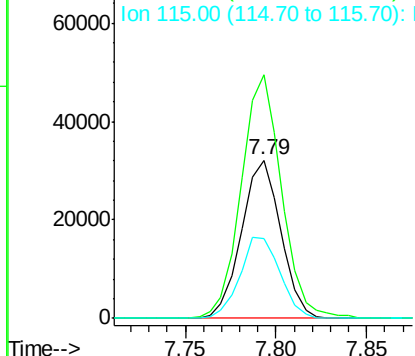
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.79 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BG016147.D
 Acq: 26 Mar 2015 19:14

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

Tgt Ion:152 Resp: 48422
 Ion Ratio Lower Upper
 152 100
 150 154.1 126.1 189.1
 115 50.7 43.7 65.5



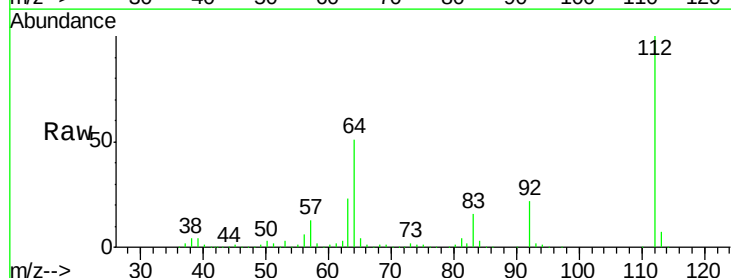
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



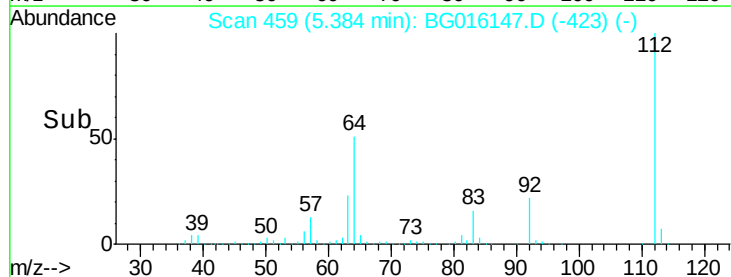
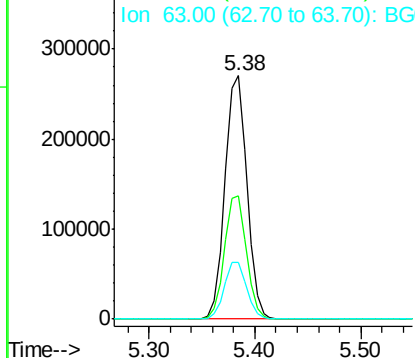
#5

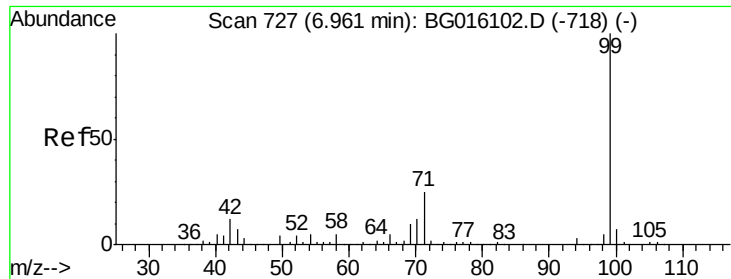
2-Fluorophenol
 Concen: 134.63 ng
 RT: 5.38 min Scan# 459
 Delta R.T. 0.01 min
 Lab File: BG016147.D
 Acq: 26 Mar 2015 19:14

Tgt Ion:112 Resp: 389511
 Ion Ratio Lower Upper
 112 100
 64 50.7 42.6 64.0
 63 23.5 19.9 29.9



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: 131.45 ng

RT: 6.96 min Scan# 728

Delta R.T. 0.01 min

Lab File: BG016147.D

Acq: 26 Mar 2015 19:14

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

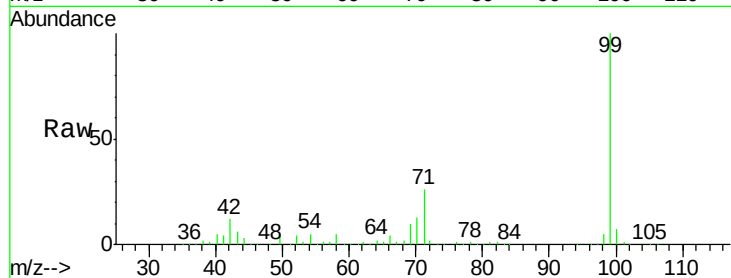
Tgt Ion: 99 Resp: 529375

Ion Ratio Lower Upper

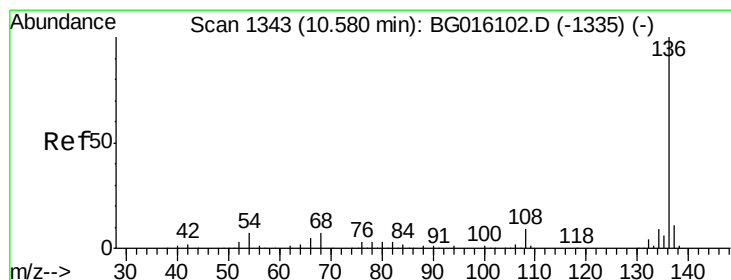
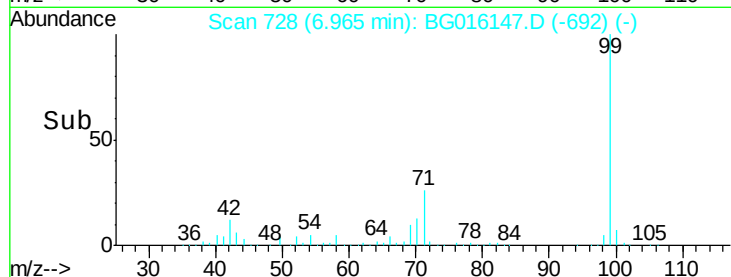
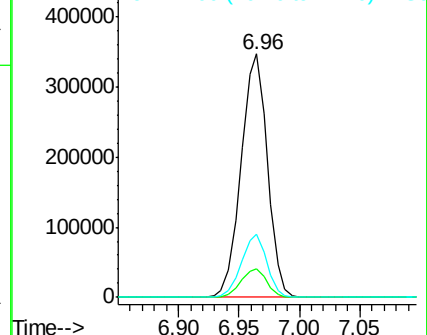
99 100

42 11.7 9.4 14.0

71 25.8 19.9 29.9



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: 10.58 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BG016147.D

Acq: 26 Mar 2015 19:14

Tgt Ion: 136 Resp: 205317

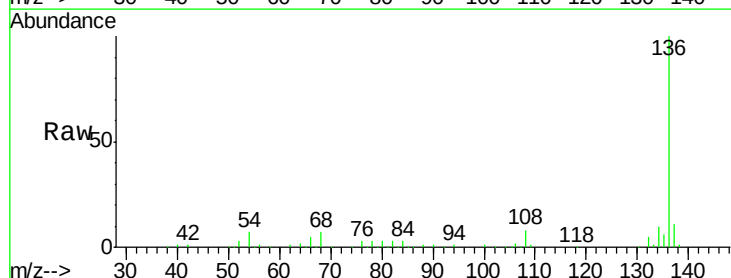
Ion Ratio Lower Upper

136 100

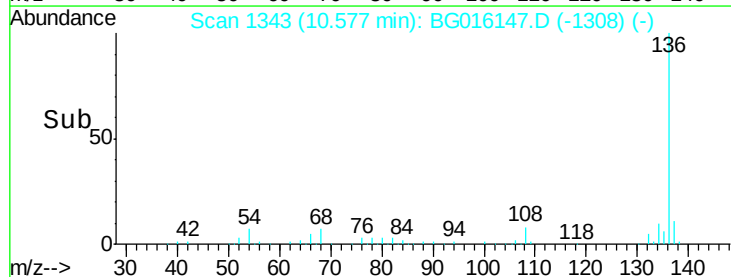
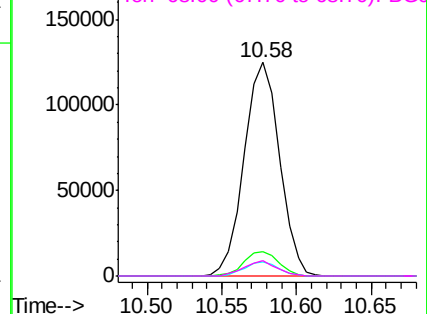
137 11.3 9.0 13.4

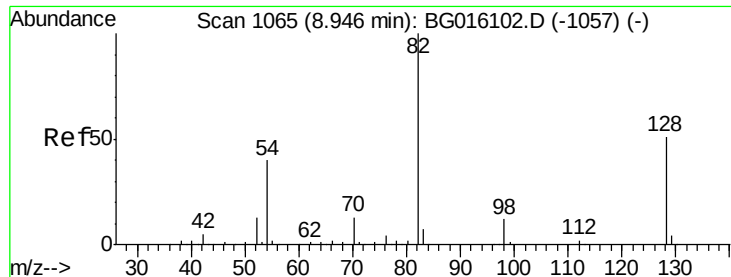
54 6.7 5.5 8.3

68 7.2 6.0 9.0



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

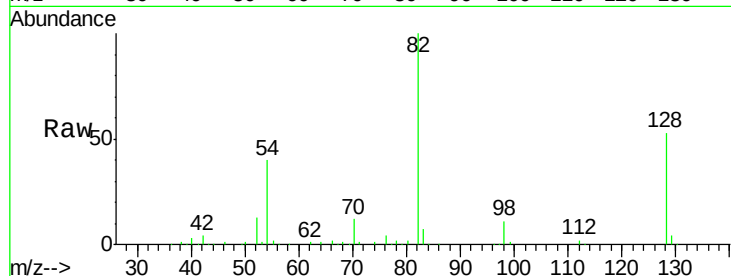




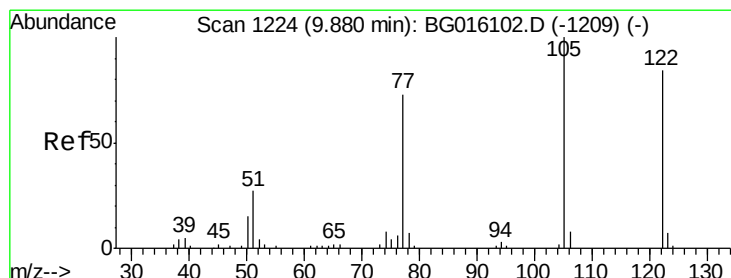
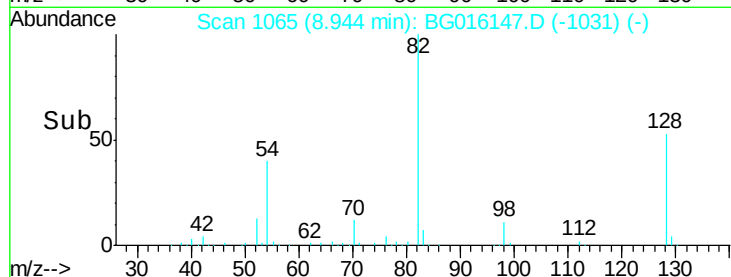
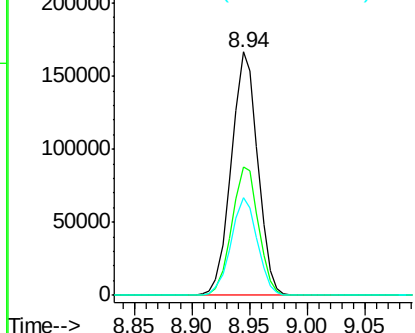
#23
 Nitrobenzene-d5
 Concen: 79.89 ng
 RT: 8.94 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG016147.D
 Acq: 26 Mar 2015 19:14

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

Tgt Ion: 82 Resp: 264546
 Ion Ratio Lower Upper
 82 100
 128 52.8 40.4 60.6
 54 40.0 32.1 48.1

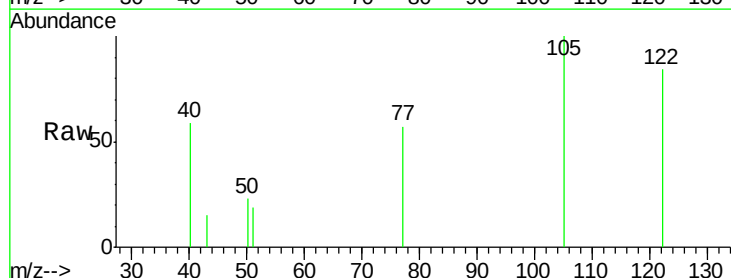


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

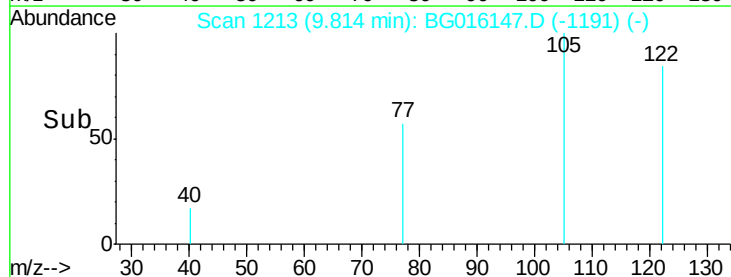
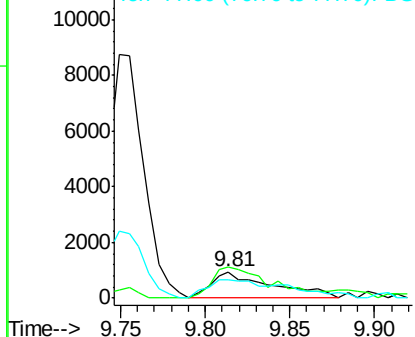


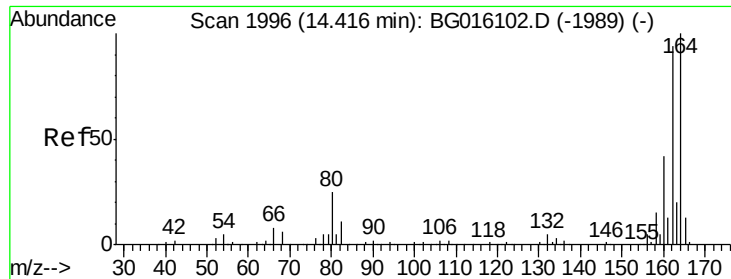
#32
 Benzoic acid
 Concen: 6.26 ng
 RT: 9.81 min Scan# 1213
 Delta R.T. -0.07 min
 Lab File: BG016147.D
 Acq: 26 Mar 2015 19:14

Tgt Ion: 122 Resp: 2342
 Ion Ratio Lower Upper
 122 100
 105 119.1 97.2 137.2
 77 68.0 65.0 105.0



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.41 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BG016147.D

Acq: 26 Mar 2015 19:14

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

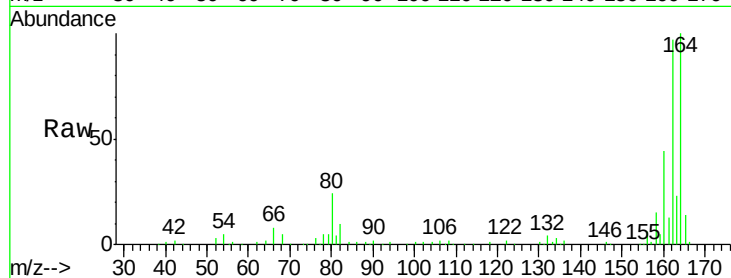
Tgt Ion:164 Resp: 127054

Ion Ratio Lower Upper

164 100

162 96.6 75.2 112.8

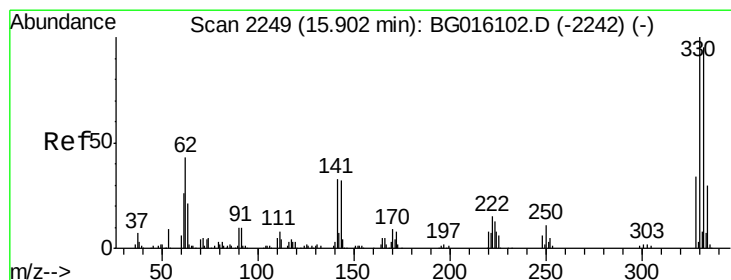
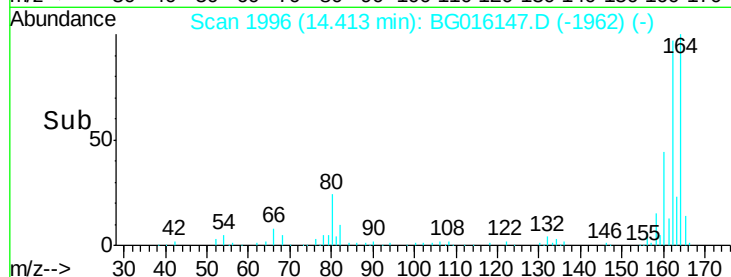
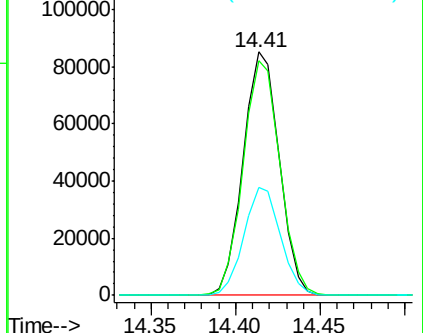
160 44.2 33.9 50.9



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: 142.50 ng

RT: 15.90 min Scan# 2249

Delta R.T. -0.00 min

Lab File: BG016147.D

Acq: 26 Mar 2015 19:14

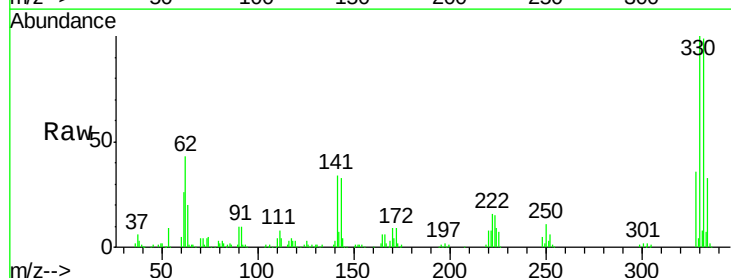
Tgt Ion:330 Resp: 207896

Ion Ratio Lower Upper

330 100

332 96.4 76.6 114.8

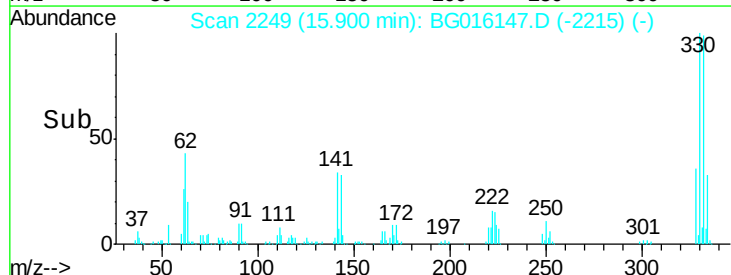
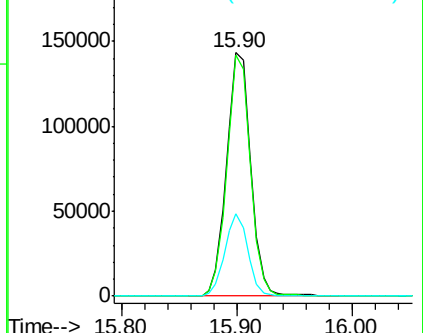
141 32.4 26.2 39.4

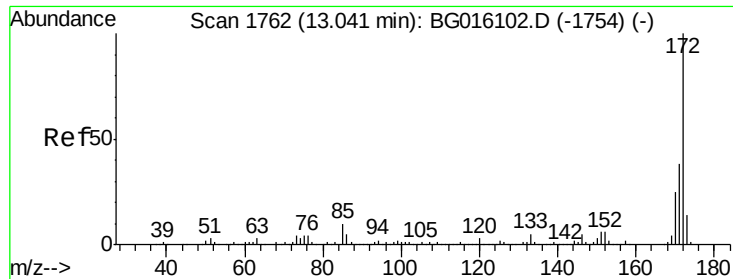


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

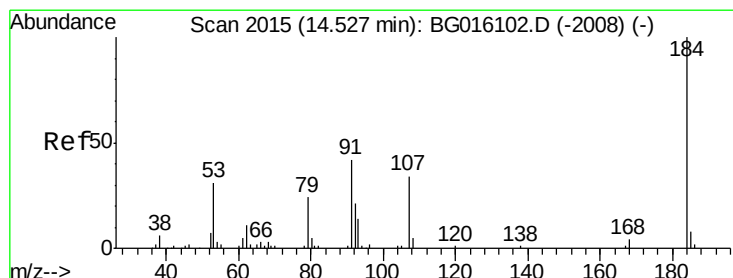
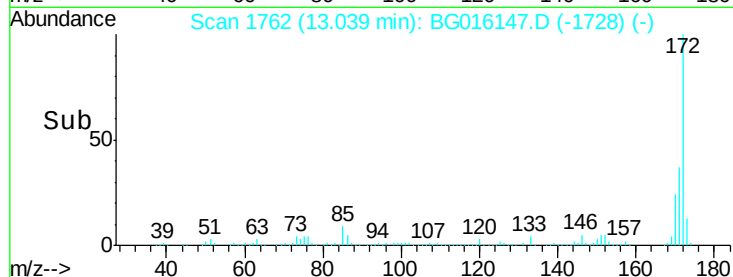
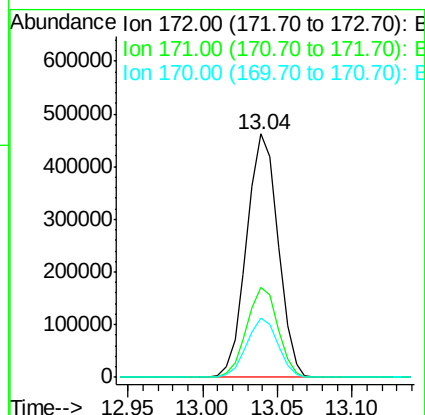
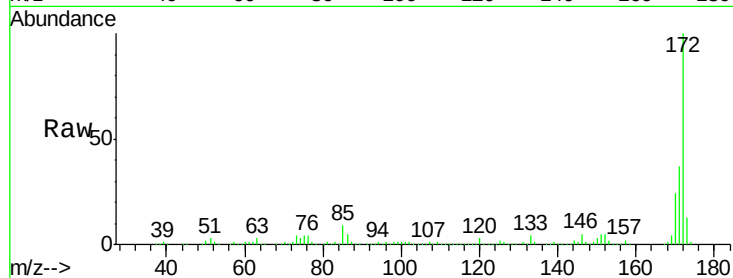




#44
 2-Fluorobiphenyl
 Concen: 88.65 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG016147.D
 Acq: 26 Mar 2015 19:14

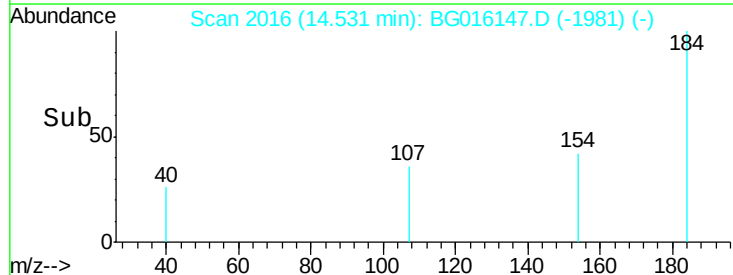
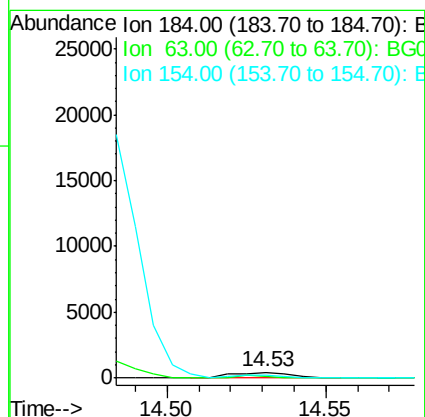
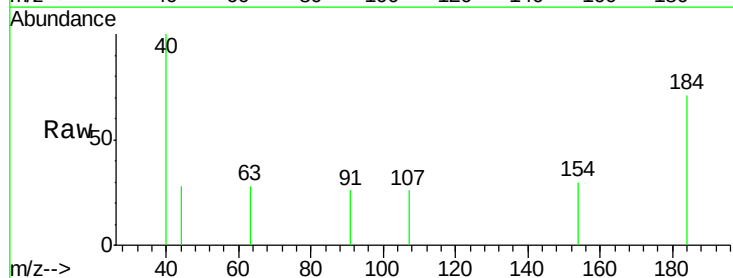
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

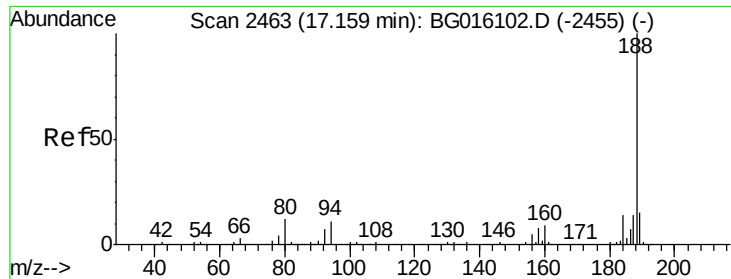
Tgt Ion:172 Resp: 672873
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.3 45.5
 170 24.3 19.8 29.8



#53
 2,4-Dinitrophenol
 Concen: 5.77 ng
 RT: 14.53 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BG016147.D
 Acq: 26 Mar 2015 19:14

Tgt Ion:184 Resp: 563
 Ion Ratio Lower Upper
 184 100
 63 39.1 36.5 54.7
 154 42.3 30.2 45.4

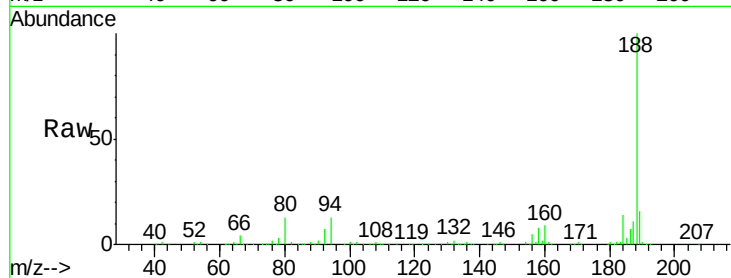




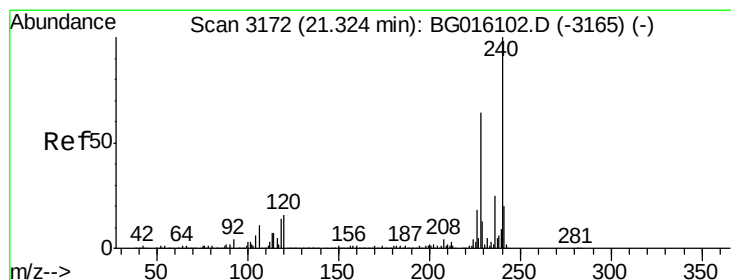
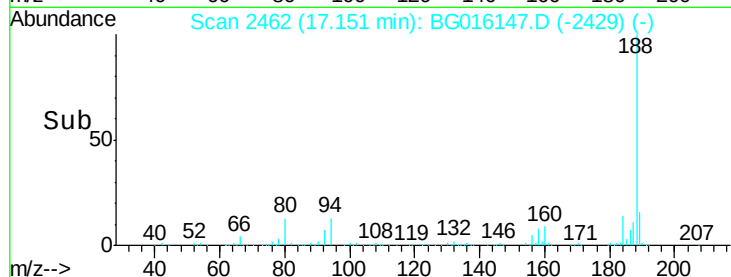
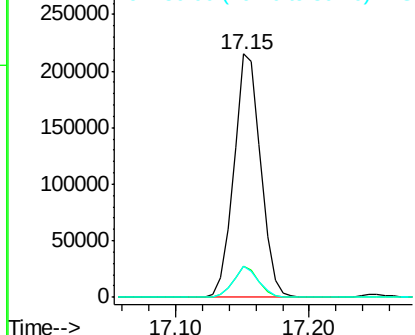
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.15 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BG016147.D
Acq: 26 Mar 2015 19:14

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Tgt Ion:188 Resp: 299021
Ion Ratio Lower Upper
188 100
94 12.9 9.1 13.7
80 12.6 9.8 14.8

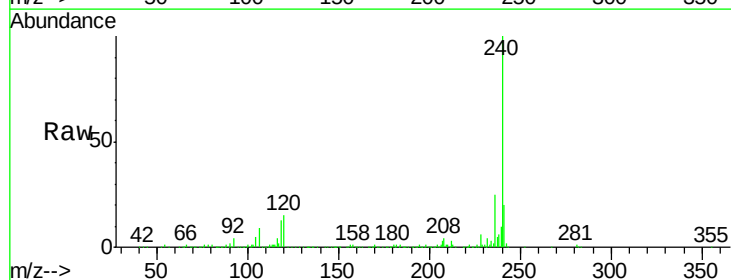


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

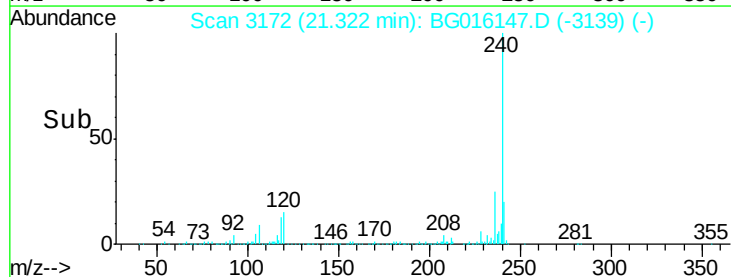
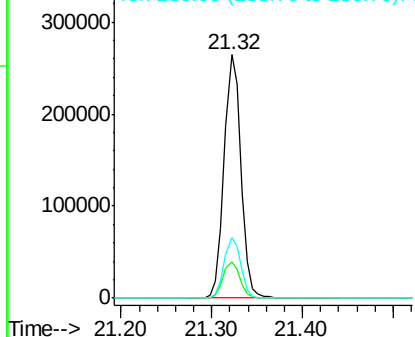


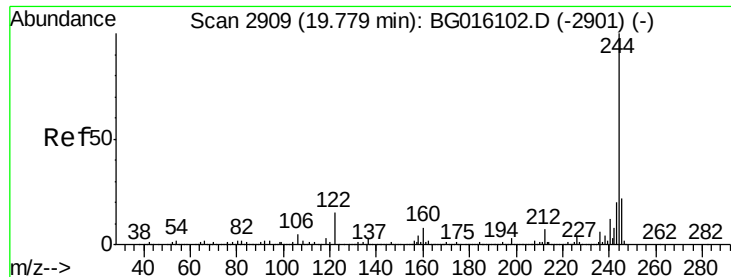
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BG016147.D
Acq: 26 Mar 2015 19:14

Tgt Ion:240 Resp: 338046
Ion Ratio Lower Upper
240 100
120 15.1 13.0 19.4
236 25.0 20.2 30.2



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: 84.83 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG016147.D

Acq: 26 Mar 2015 19:14

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

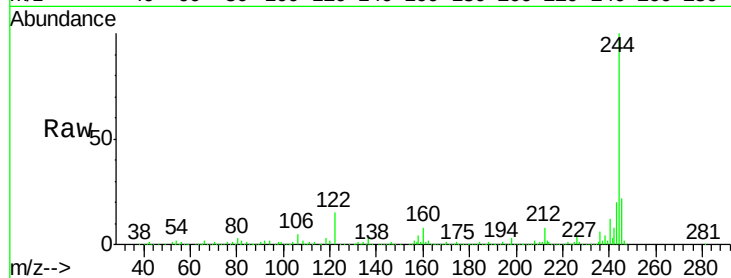
Tgt Ion:244 Resp: 1138649

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

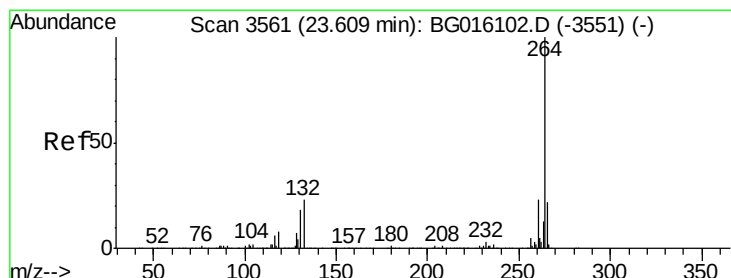
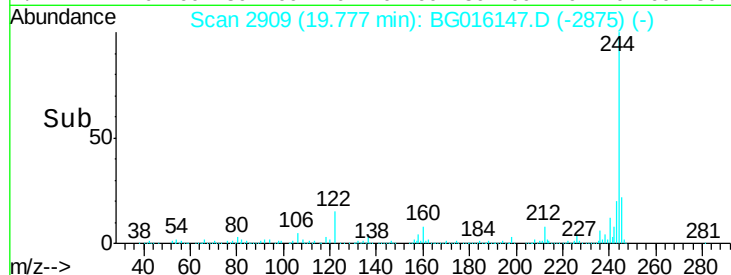
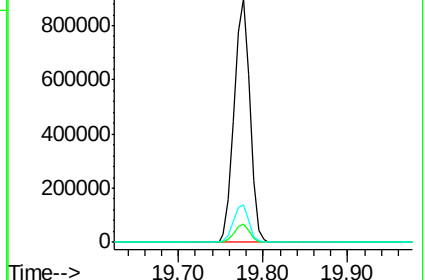
122 15.4 12.2 18.2



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: 23.61 min Scan# 3561

Delta R.T. -0.01 min

Lab File: BG016147.D

Acq: 26 Mar 2015 19:14

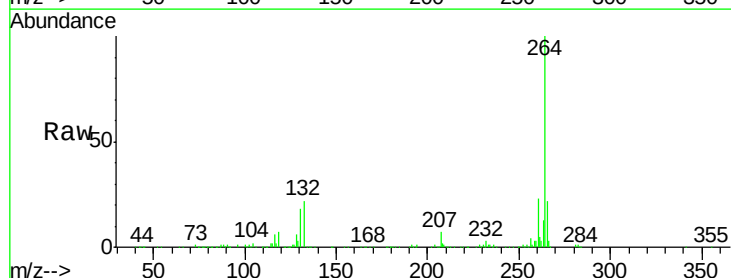
Tgt Ion:264 Resp: 322327

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 22.2 17.3 25.9



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

