

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082901.D
 Acq On : 13 Nov 2015 17:03
 Operator : UM/IZ
 Sample : G4398-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTEWATEREFF

Quant Time: Nov 14 04:38:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

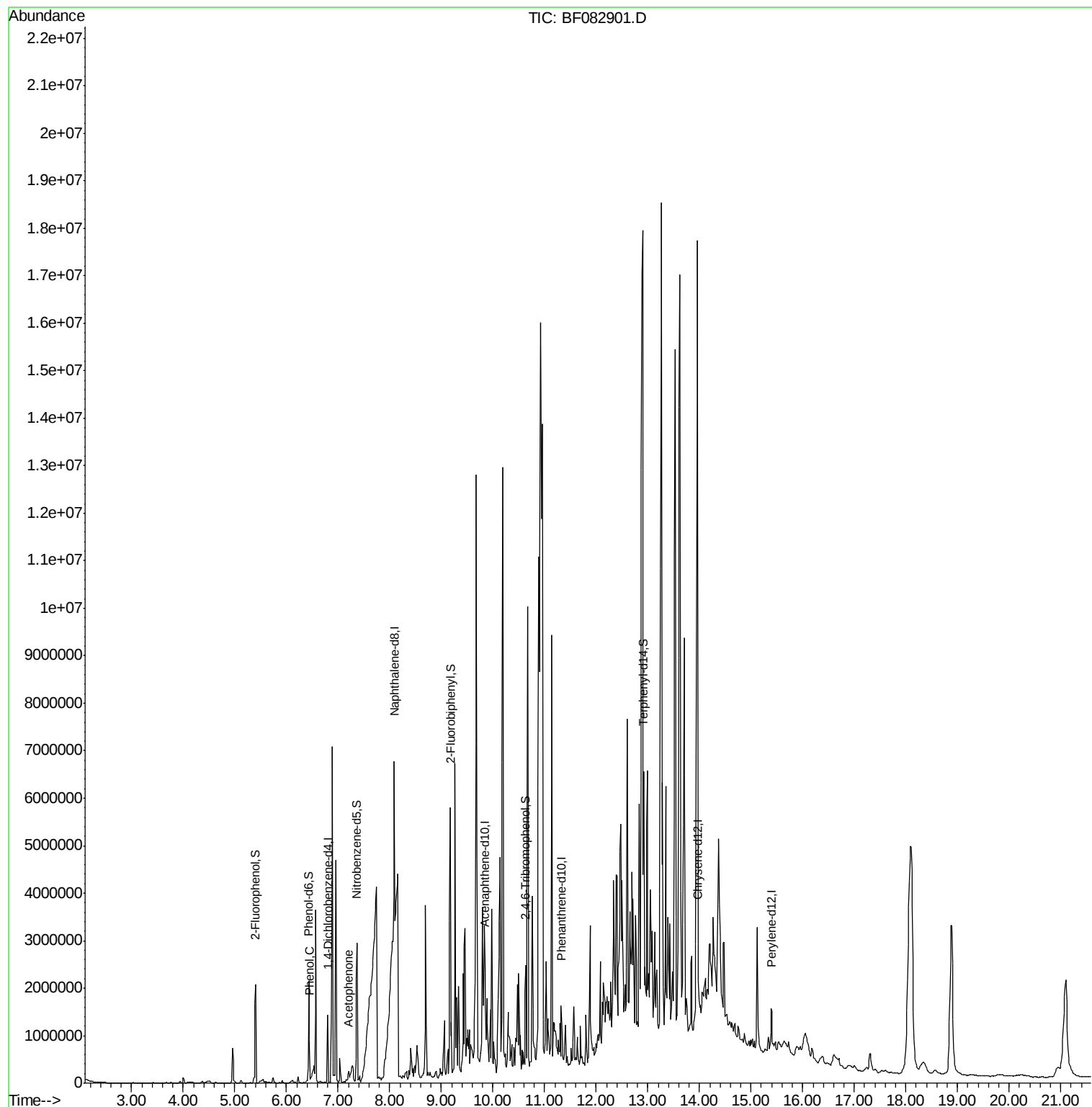
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	190826	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	610221	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	340581	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	569076	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	371495	20.00	ng	-0.05
86) Perylene-d12	15.40	264	415851	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	749635	61.12	ng	-0.05
7) Phenol-d6	6.43	99	707501	43.39	ng	-0.05
23) Nitrobenzene-d5	7.37	82	1347183	96.06	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	291665	74.69	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	2083891	87.69	ng	-0.05
78) Terphenyl-d14	12.92	244	1575334	100.58	ng	-0.04
Target Compounds						
10) Phenol	6.44	94	120790	6.53	ng	85
22) Acetophenone	7.21	105	39447	2.26	ng	95

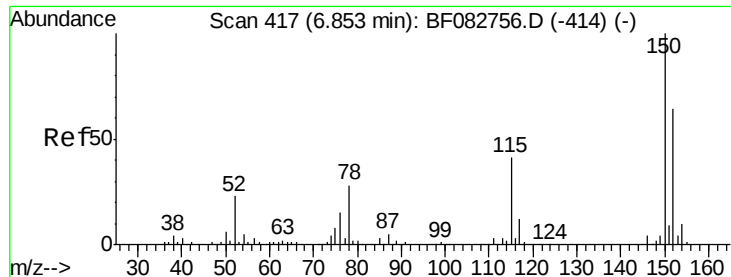
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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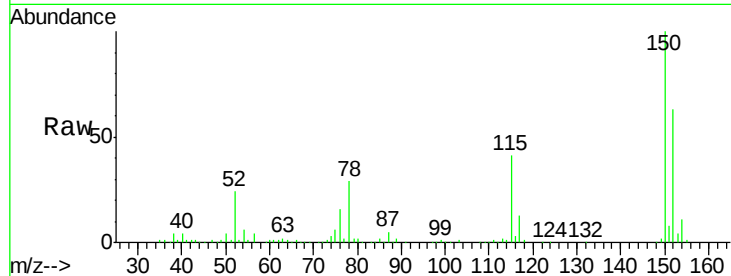




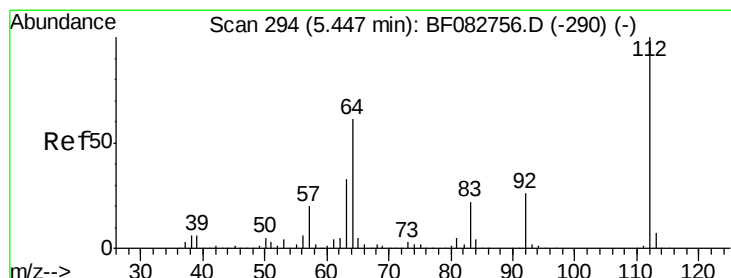
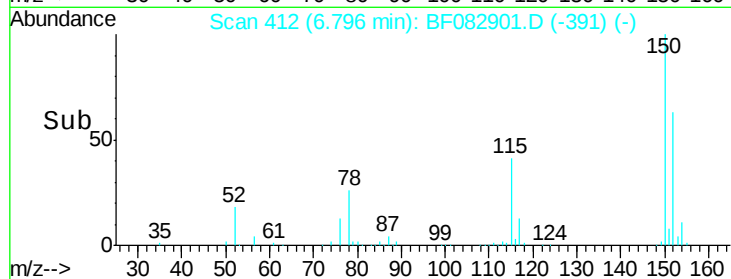
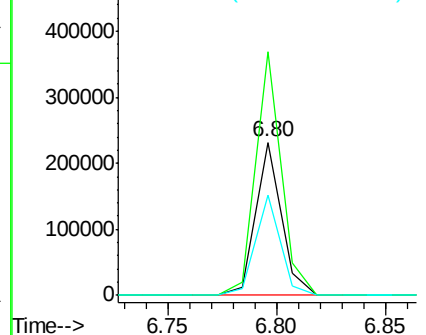
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.06 min
 Lab File: BF082901.D
 Acq: 13 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 WASTEWATEREFF

Tgt Ion:152 Resp: 190826
 Ion Ratio Lower Upper
 152 100
 150 159.1 127.0 190.4
 115 65.6 47.0 70.6

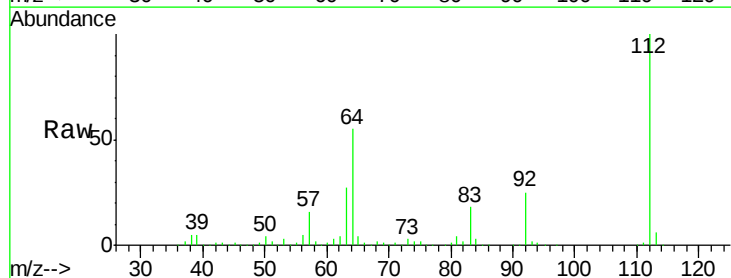


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

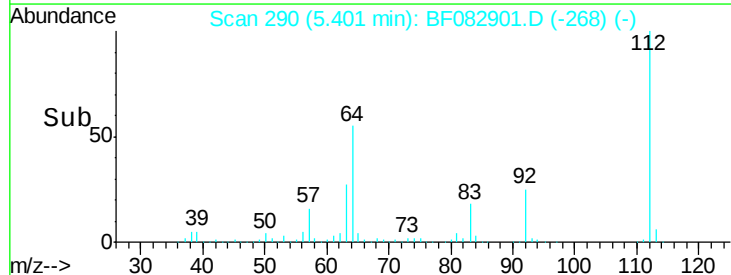
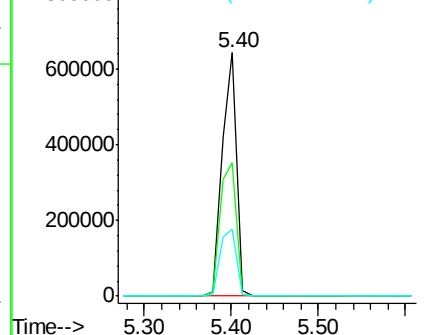


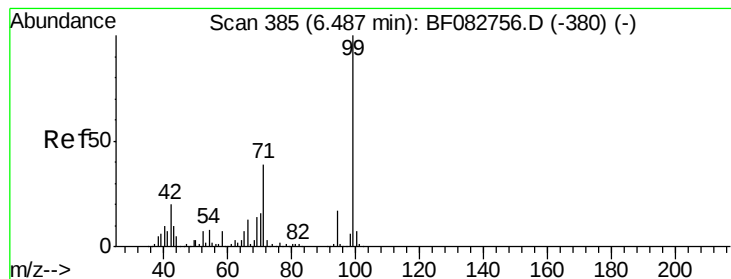
#5
 2-Fluorophenol
 Concen: 61.12 ng
 RT: 5.40 min Scan# 290
 Delta R.T. -0.05 min
 Lab File: BF082901.D
 Acq: 13 Nov 2015 17:03

Tgt Ion:112 Resp: 749635
 Ion Ratio Lower Upper
 112 100
 64 55.1 48.9 73.3
 63 27.3 28.1 42.1#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.39 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF082901.D

Acq: 13 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

WASTEWATEREFF

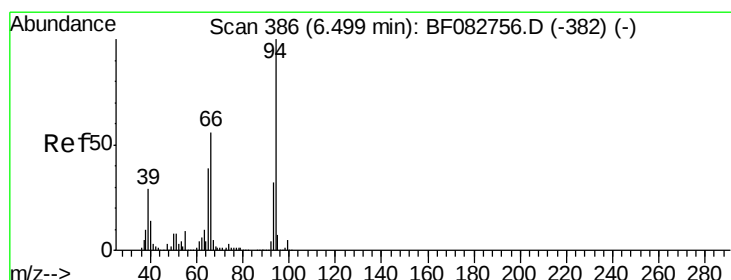
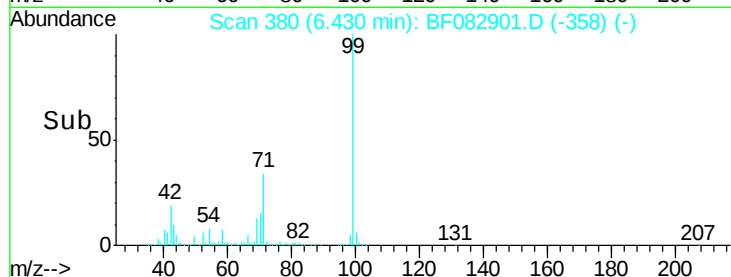
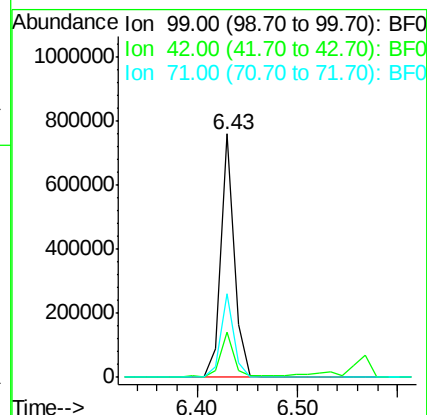
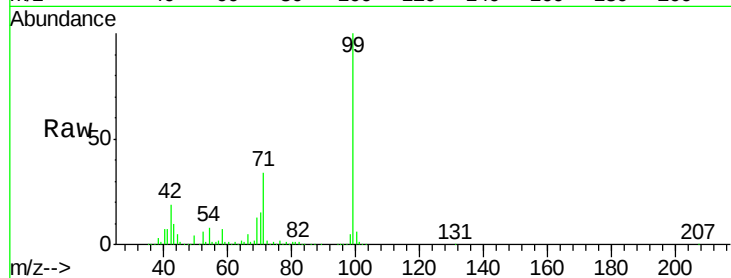
Tgt Ion: 99 Resp: 707501

Ion Ratio Lower Upper

99 100

42 18.8 19.2 28.8#

71 34.4 35.0 52.4#



#10

Phenol

Concen: 6.53 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF082901.D

Acq: 13 Nov 2015 17:03

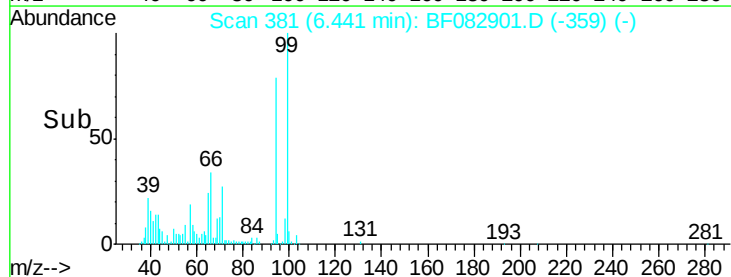
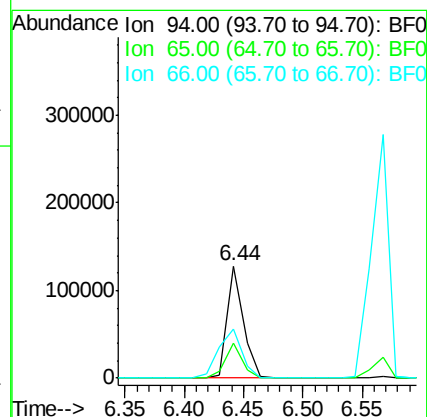
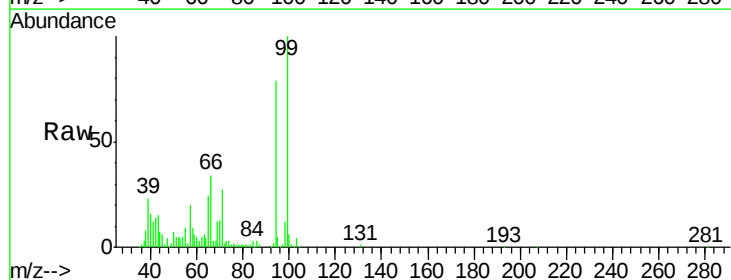
Tgt Ion: 94 Resp: 120790

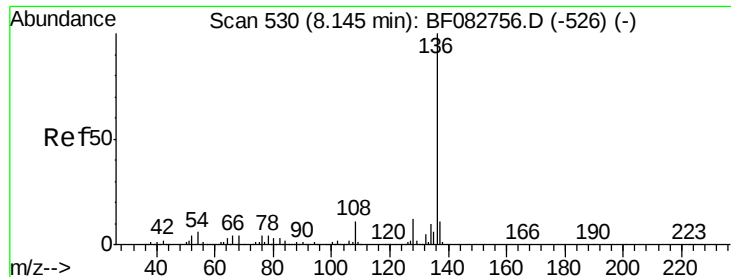
Ion Ratio Lower Upper

94 100

65 31.2 18.9 58.9

66 43.5 34.9 74.9

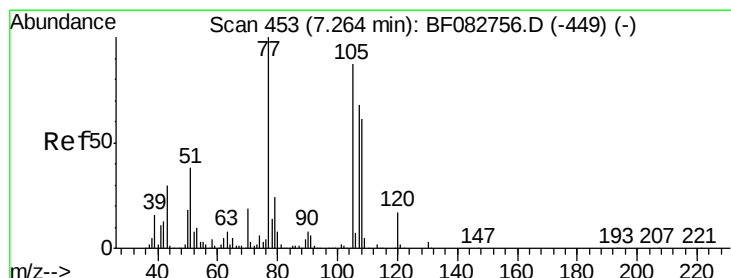
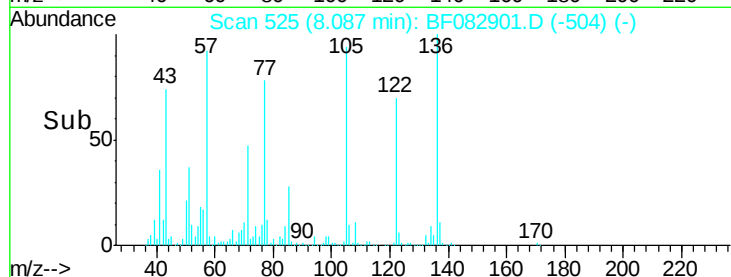
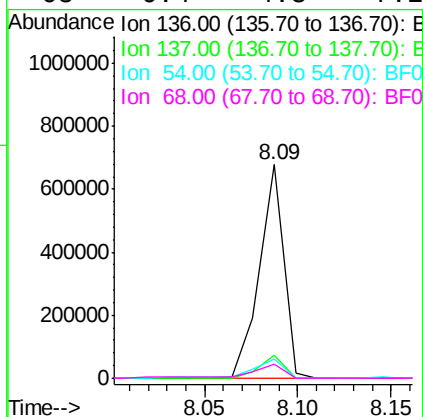
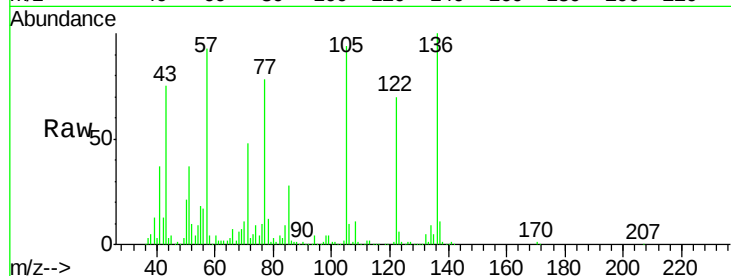




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082901.D
Acq: 13 Nov 2015 17:03

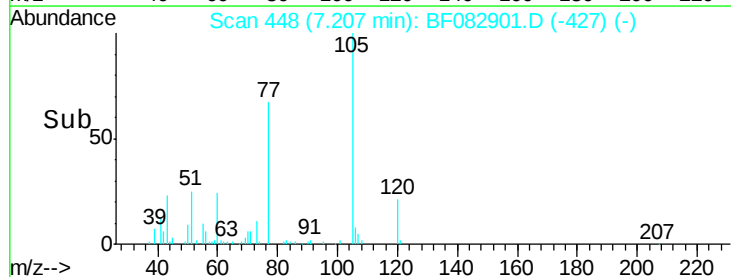
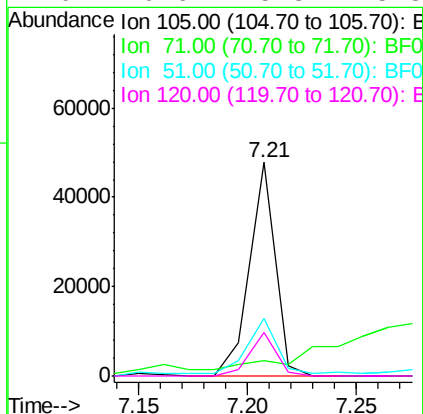
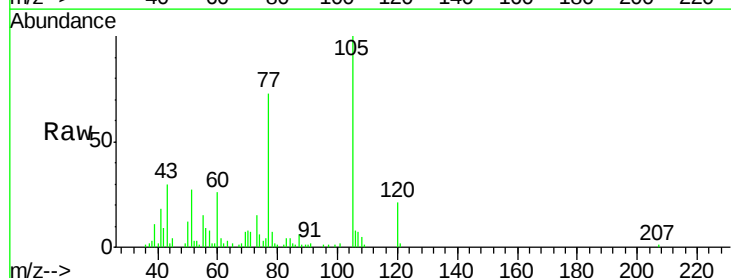
Instrument :
BNA_F
ClientSampleId :
WASTEWATEREFF

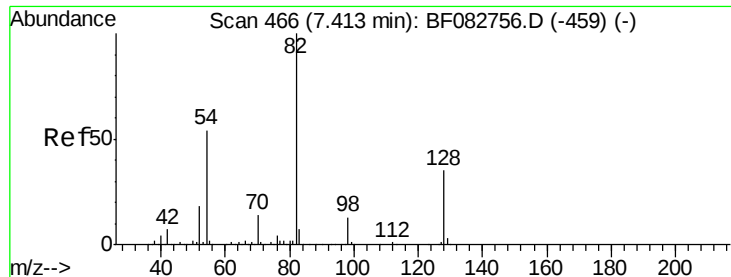
Tgt Ion:	136	Resp:	610221
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	9.2	9.1	13.7
68	6.4	4.8	7.2



#22
Acetophenone
Concen: 2.26 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.06 min
Lab File: BF082901.D
Acq: 13 Nov 2015 17:03

Tgt Ion:	105	Resp:	39447
Ion	Ratio	Lower	Upper
105	100		
71	7.5	5.6	8.4
51	27.1	24.9	37.3
120	20.6	15.8	23.8

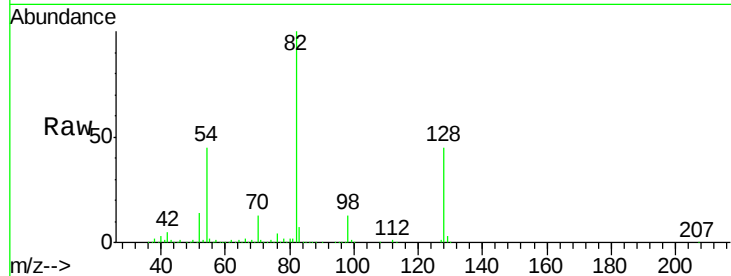




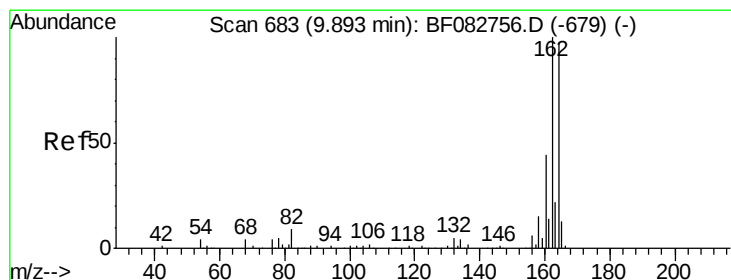
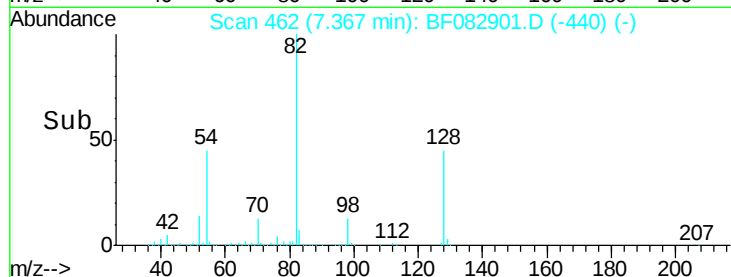
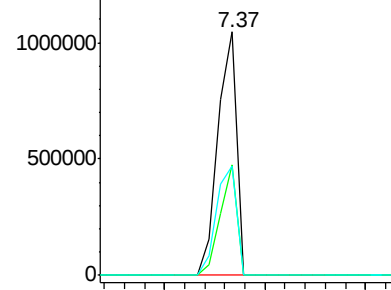
#23
 Nitrobenzene-d5
 Concen: 96.06 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082901.D
 Acq: 13 Nov 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 WASTEWATEREFF

Tgt Ion: 82 Resp: 1347183
 Ion Ratio Lower Upper
 82 100
 128 45.2 26.8 40.2#
 54 44.7 45.7 68.5#

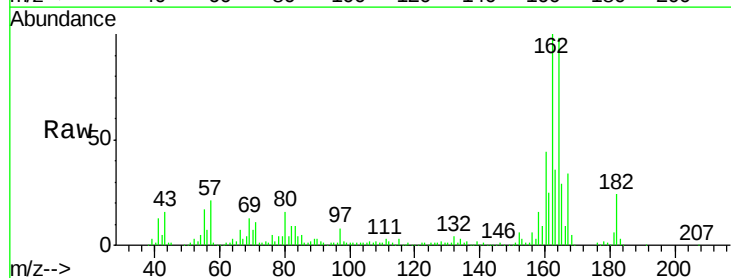


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

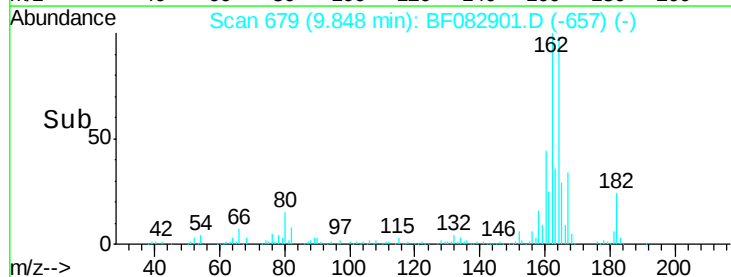
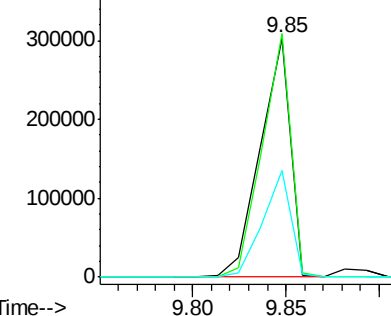


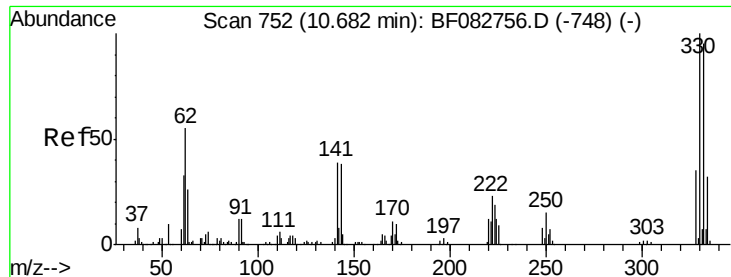
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF082901.D
 Acq: 13 Nov 2015 17:03

Tgt Ion:164 Resp: 340581
 Ion Ratio Lower Upper
 164 100
 162 102.1 84.9 127.3
 160 44.5 37.5 56.3



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

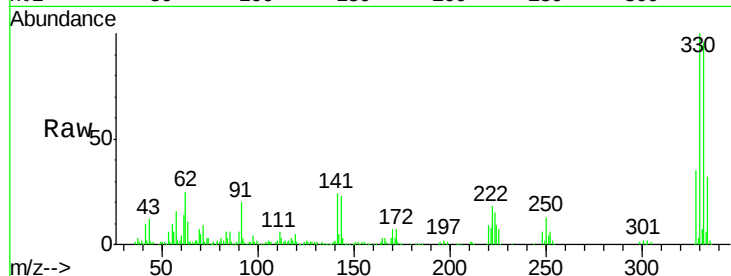




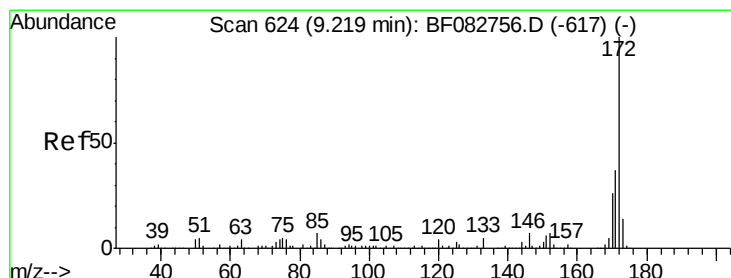
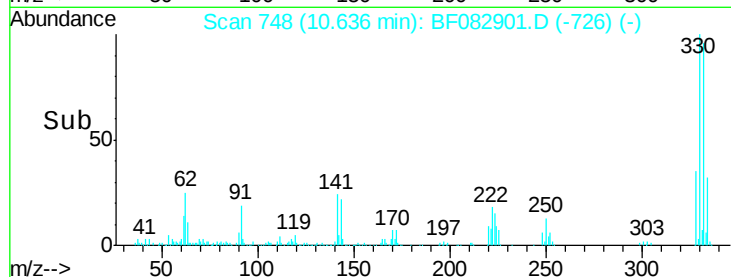
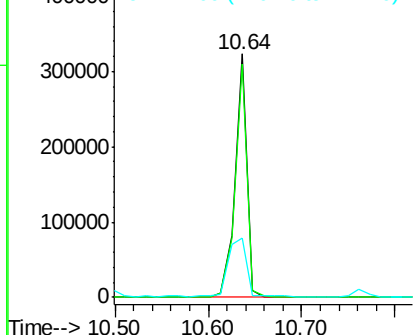
#41
 2,4,6-Tribromophenol
 Concen: 74.69 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.04 min
 Lab File: BF082901.D
 Acq: 13 Nov 2015 17:03

Instrument :
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Tgt Ion:330 Resp: 291665
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 36.7 41.2 61.8#

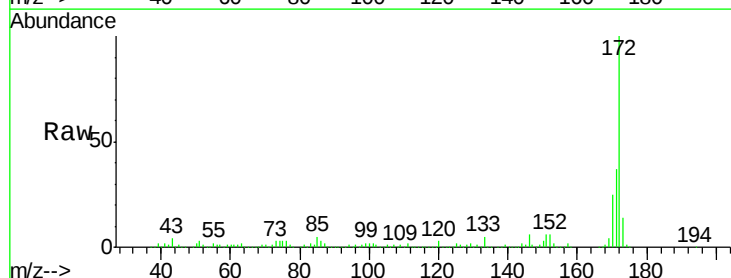


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

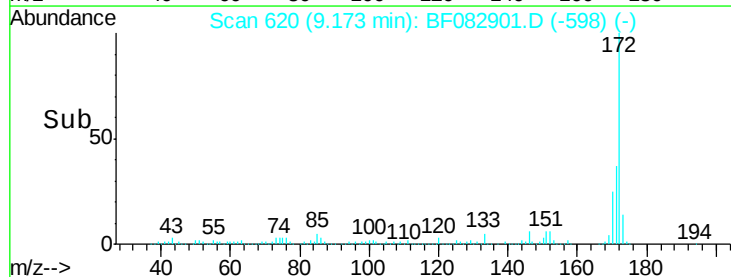
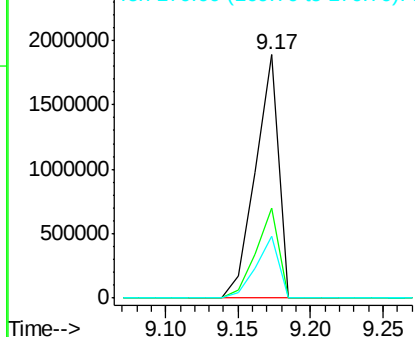


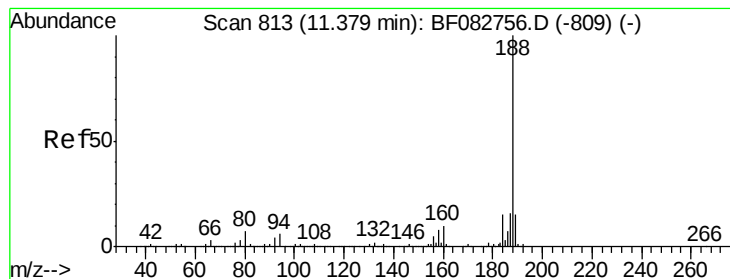
#44
 2-Fluorobiphenyl
 Concen: 87.69 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082901.D
 Acq: 13 Nov 2015 17:03

Tgt Ion:172 Resp: 2083891
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.8 46.2
 170 25.5 21.2 31.8



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.06 min

Lab File: BF082901.D

Acq: 13 Nov 2015 17:03

Instrument :

BNA_F

ClientSampleId :

WASTEWATEREFF

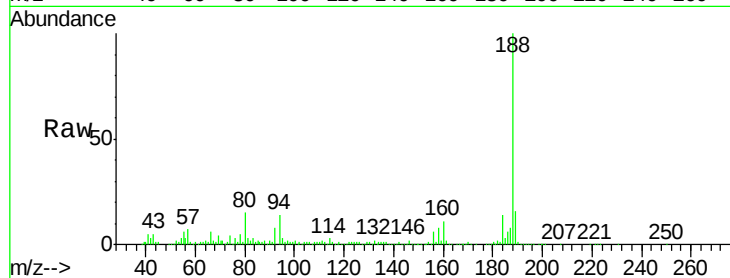
Tgt Ion:188 Resp: 569076

Ion Ratio Lower Upper

188 100

94 13.5 6.1 9.1#

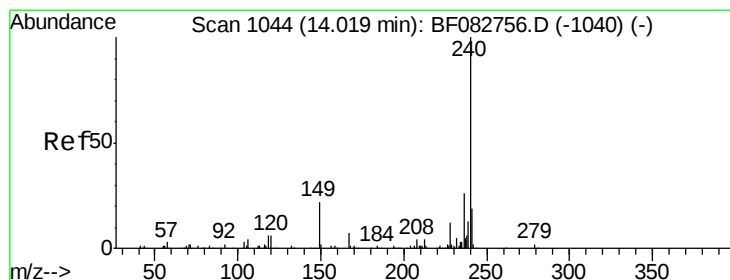
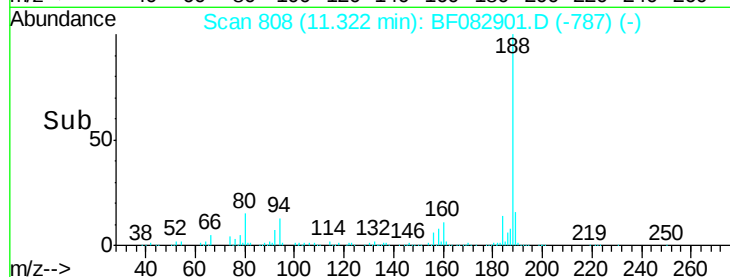
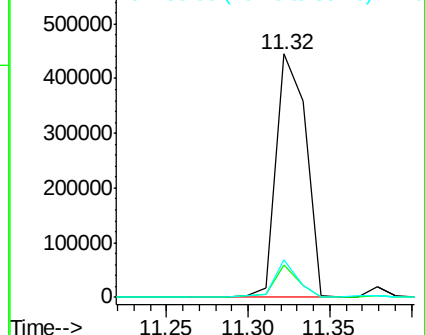
80 15.5 7.0 10.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF082901.D

Acq: 13 Nov 2015 17:03

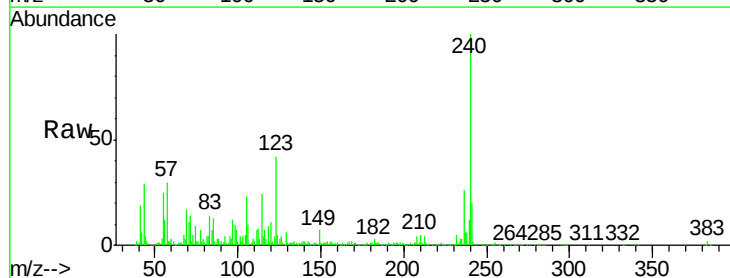
Tgt Ion:240 Resp: 371495

Ion Ratio Lower Upper

240 100

120 10.7 10.9 16.3#

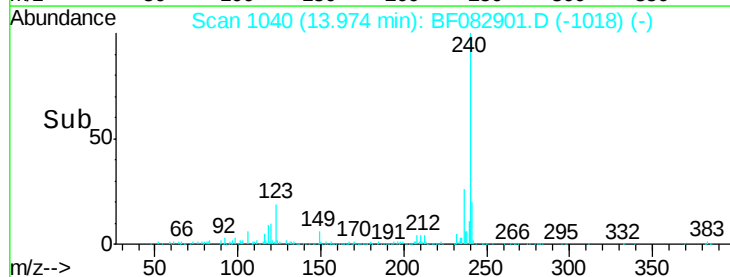
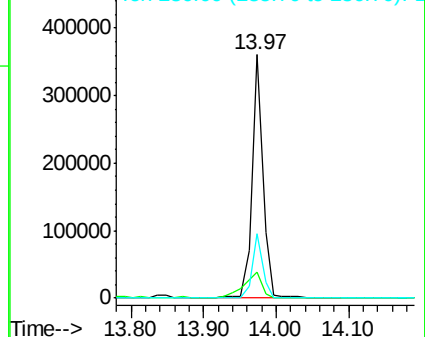
236 26.3 21.6 32.4

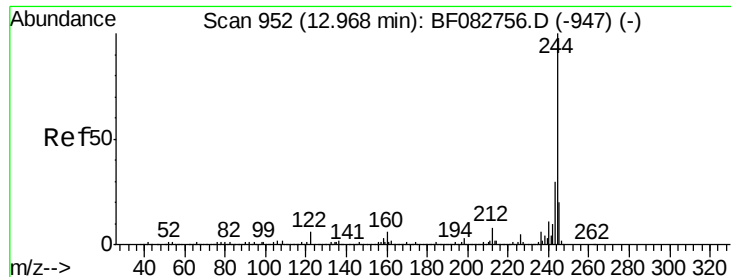


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.58 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082901.D

Acq: 13 Nov 2015 17:03

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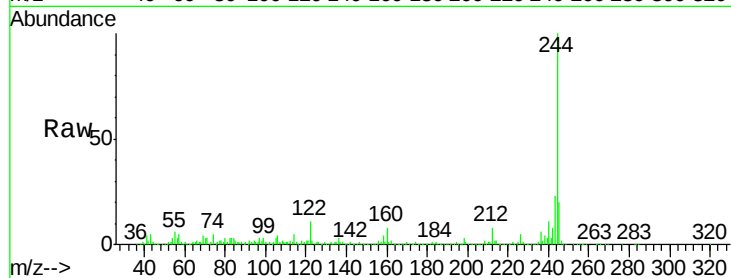
Tgt Ion:244 Resp: 1575334

Ion Ratio Lower Upper

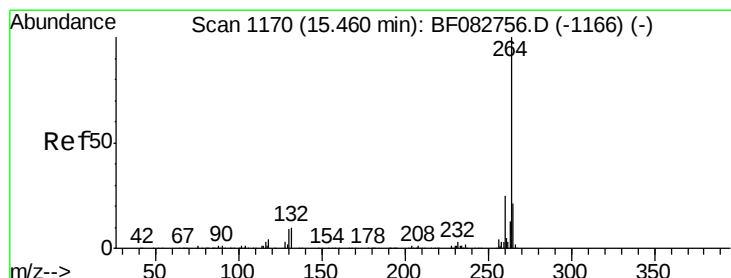
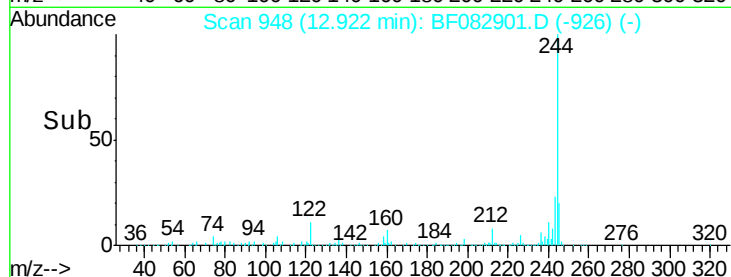
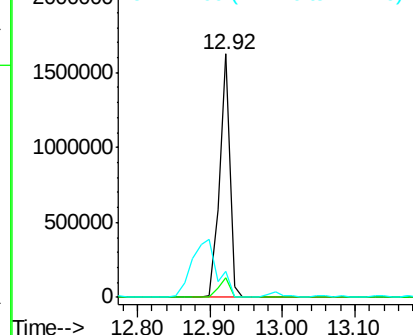
244 100

212 8.0 7.6 11.4

122 10.9 11.3 16.9#



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: 15.40 min Scan# 1165

Delta R.T. -0.06 min

Lab File: BF082901.D

Acq: 13 Nov 2015 17:03

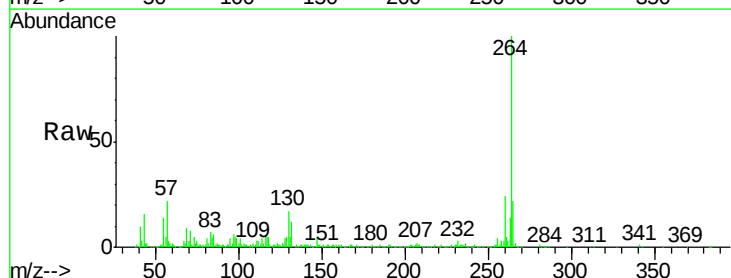
Tgt Ion:264 Resp: 415851

Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.6

265 21.7 17.4 26.0



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

