

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
 Data File : BF083083.D
 Acq On : 20 Nov 2015 15:54
 Operator : UM/IZ
 Sample : G4452-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-05

Quant Time: Nov 20 23:31:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

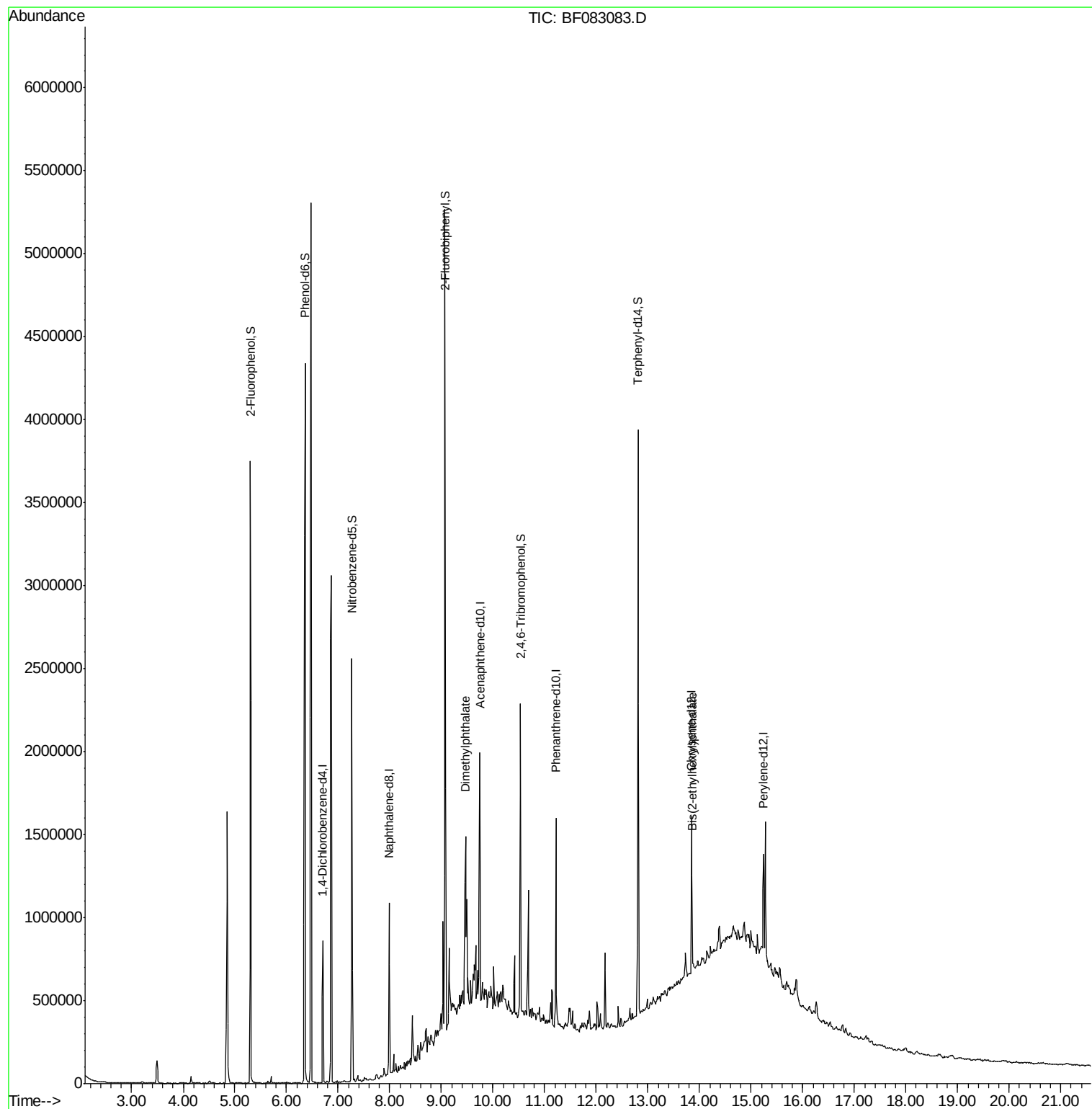
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	156858	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	566476	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	273395	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	432350	20.00	ng	0.00
75) Chrysene-d12	13.85	240	379906	20.00	ng	-0.01
86) Perylene-d12	15.24	264	346428	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1312846	130.00	ng	0.01
7) Phenol-d6	6.36	99	1954053	146.91	ng	0.01
23) Nitrobenzene-d5	7.26	82	955214	77.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	283889	97.80	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1661176	81.83	ng	-0.01
78) Terphenyl-d14	12.81	244	1355988	84.26	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	404822	17.99	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	36910	2.39	ng	# 100

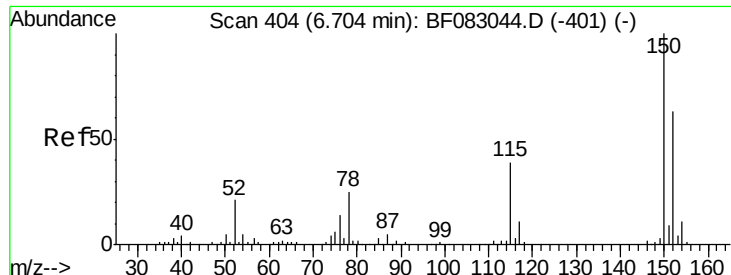
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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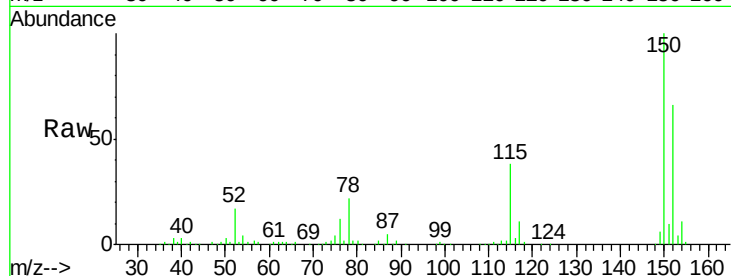


#1

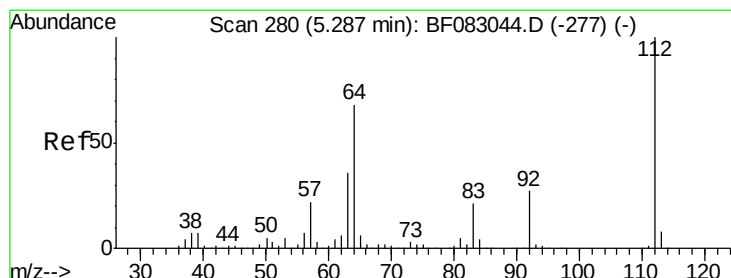
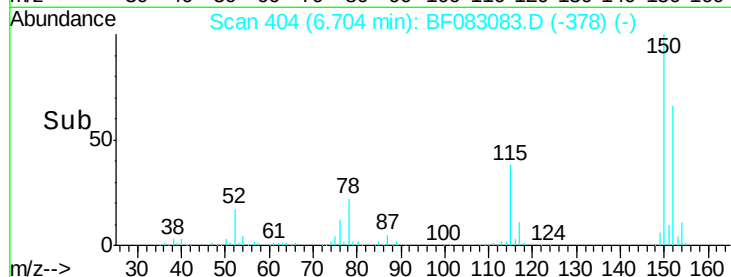
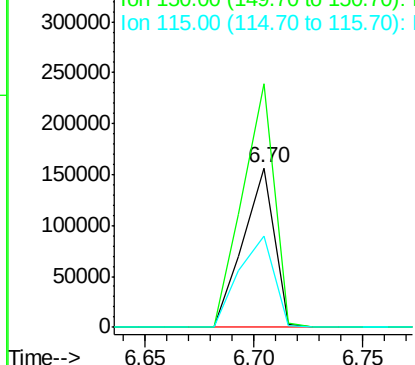
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF083083.D
Acq: 20 Nov 2015 15:54

Instrument :
BNA_F
ClientSampleId :
RW-20151116-05

Tot Ion:152 Resp: 156858
Ion Ratio Lower Upper
152 100
150 152.6 126.4 189.6
115 57.3 49.0 73.6



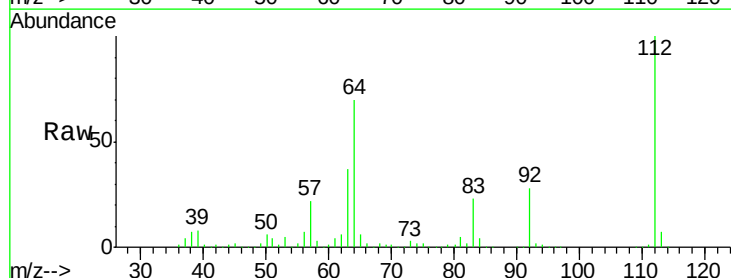
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



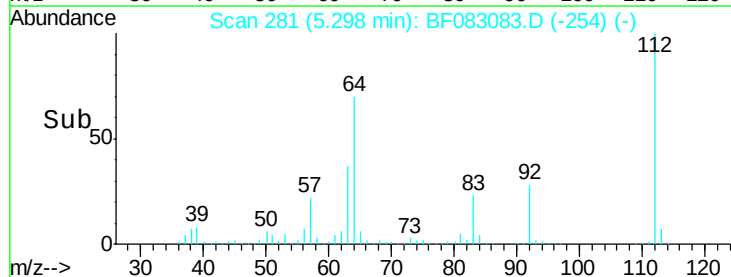
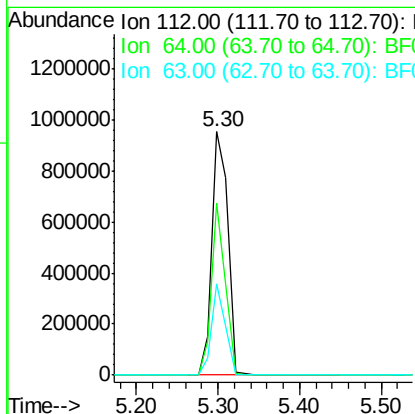
#5

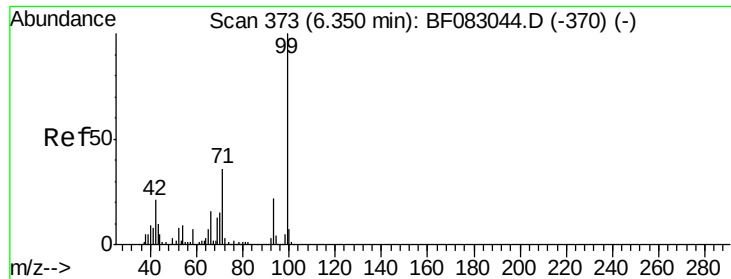
2-Fluorophenol
Concen: 130.00 ng
RT: 5.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: BF083083.D
Acq: 20 Nov 2015 15:54

Tgt Ion:112 Resp: 1312846
Ion Ratio Lower Upper
112 100
64 70.4 54.8 82.2
63 37.4 29.0 43.4



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: 146.91 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF083083.D

Acq: 20 Nov 2015 15:54

Instrument :

BNA_F

ClientSampleId :

RW-20151116-05

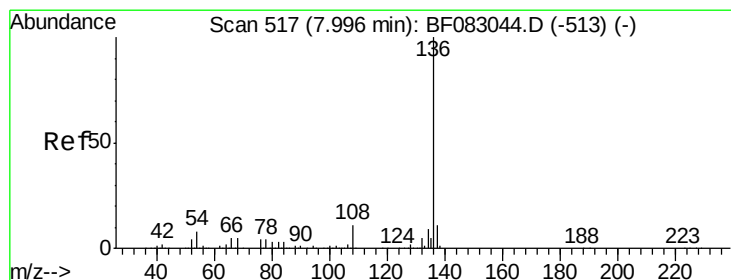
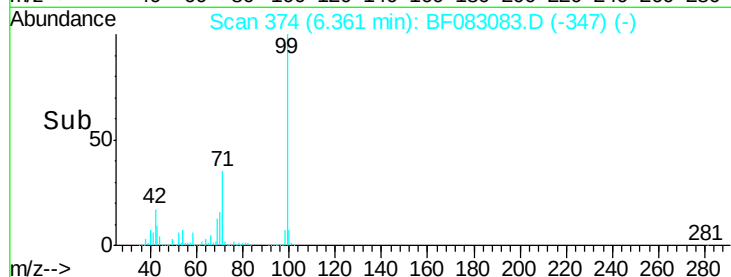
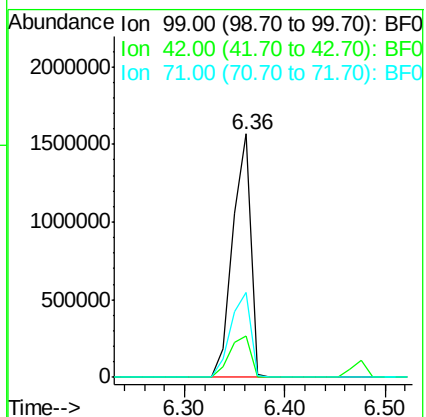
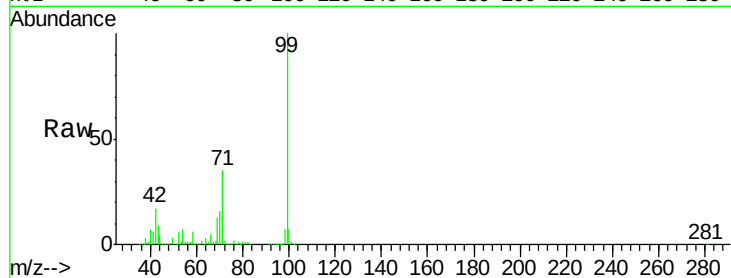
Tot Ion: 99 Resp: 1954053

Ion Ratio Lower Upper

99 100

42 17.2 16.6 25.0

71 35.1 29.2 43.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF083083.D

Acq: 20 Nov 2015 15:54

Tgt Ion: 136 Resp: 566476

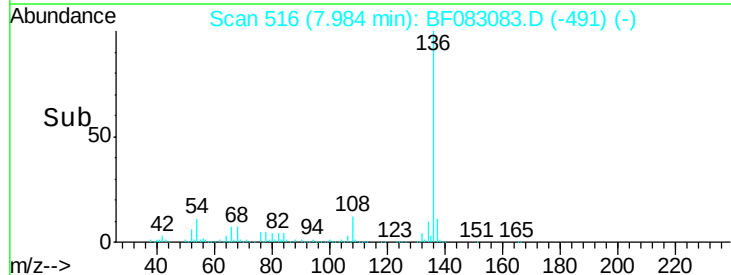
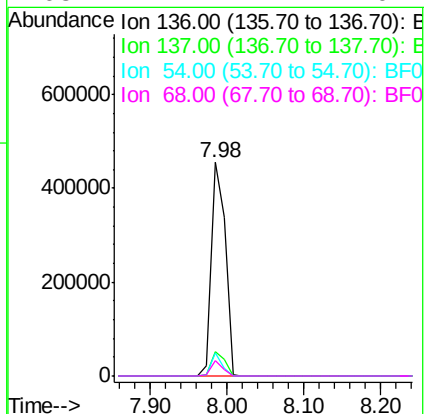
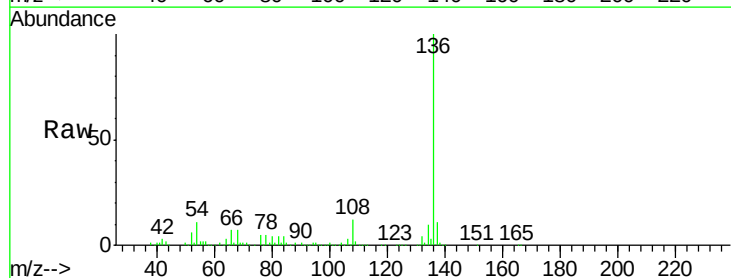
Ion Ratio Lower Upper

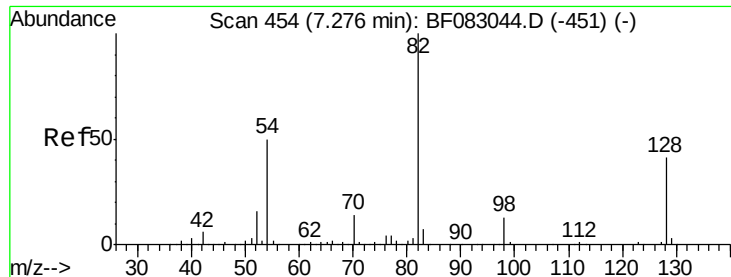
136 100

137 11.5 8.6 12.8

54 11.0 6.2 9.2#

68 7.4 4.2 6.2#

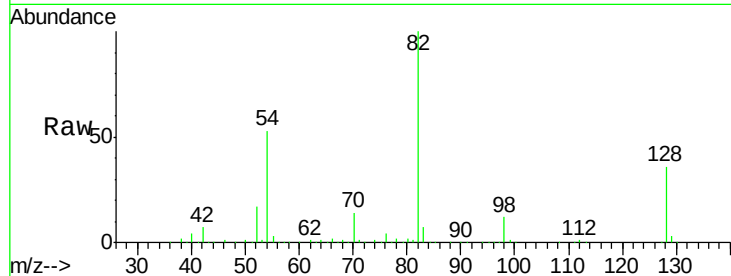




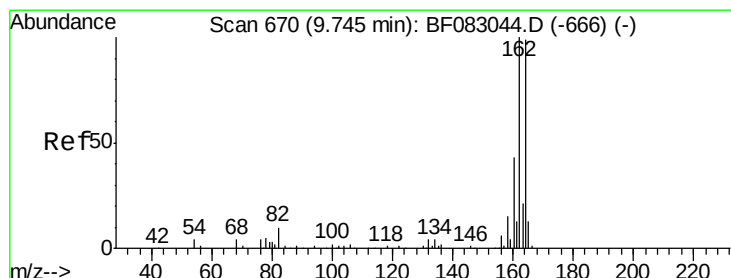
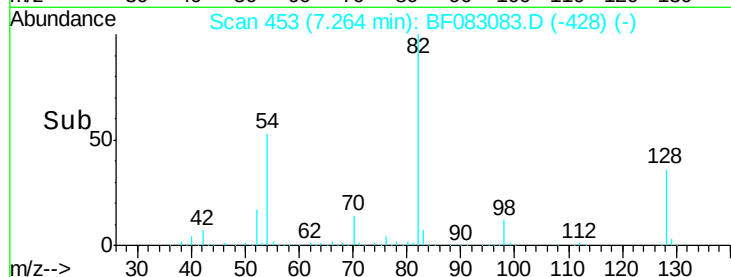
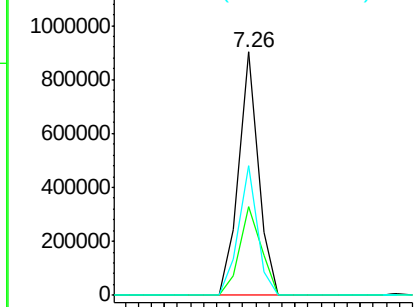
#23
 Nitrobenzene-d5
 Concen: 77.20 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF083083.D
 Acq: 20 Nov 2015 15:54

Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-05

Tot Ion	82	Resp	955214
Ion Ratio	100	Lower	Upper
128	36.4	33.1	49.7
54	53.4	39.8	59.6

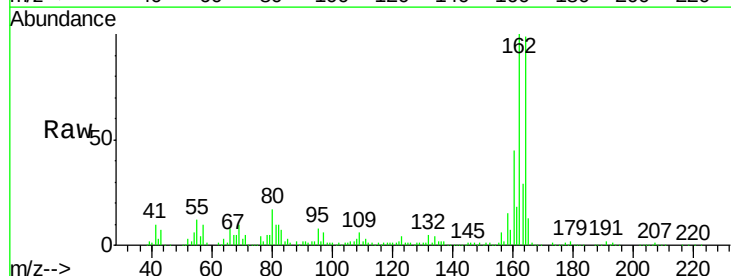


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

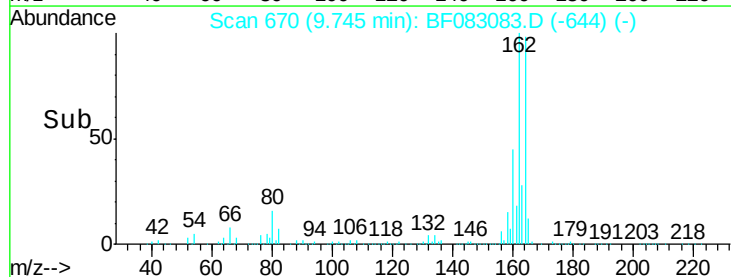
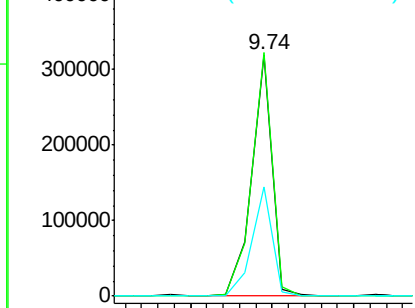


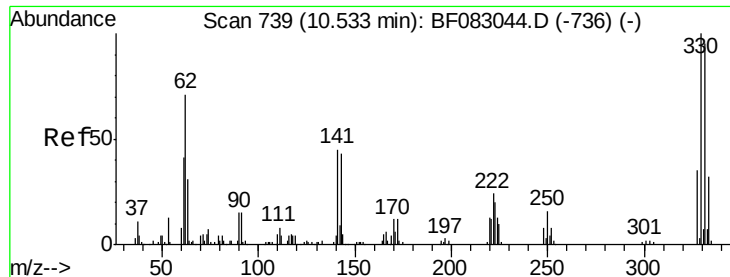
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083083.D
 Acq: 20 Nov 2015 15:54

Tgt Ion	164	Resp	273395
Ion Ratio	100	Lower	Upper
162	101.0	80.5	120.7
160	45.4	35.0	52.4



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

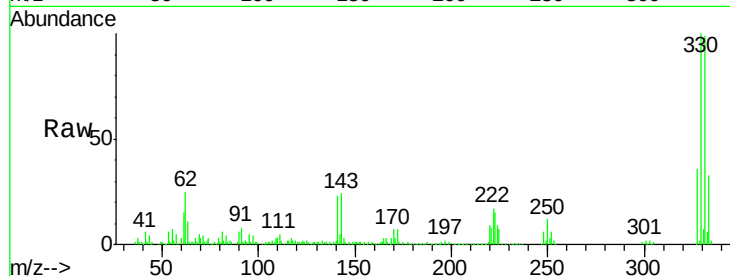




#41
 2,4,6-Tribromophenol
 Concen: 97.80 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083083.D
 Acq: 20 Nov 2015 15:54

Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-05

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.6	116.4
141	35.9	34.6	52.0

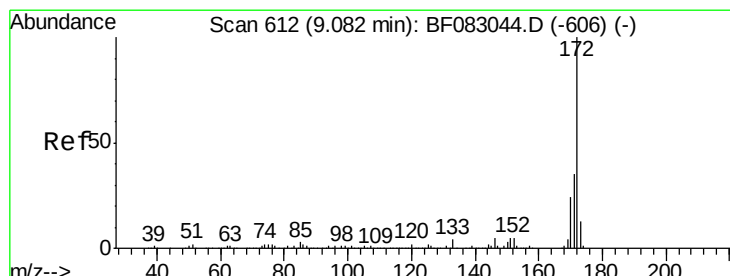
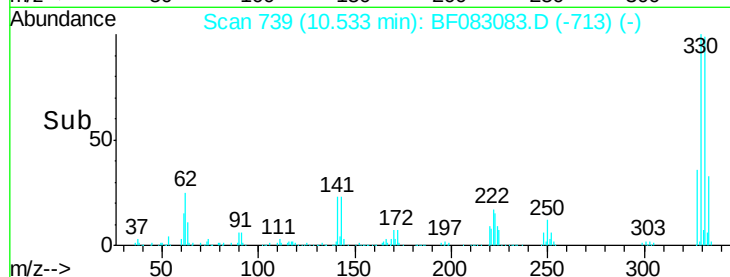
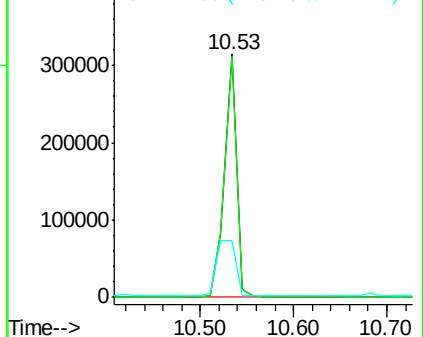


Abundance

Ion 329.80 (329.50 to 330.50): E

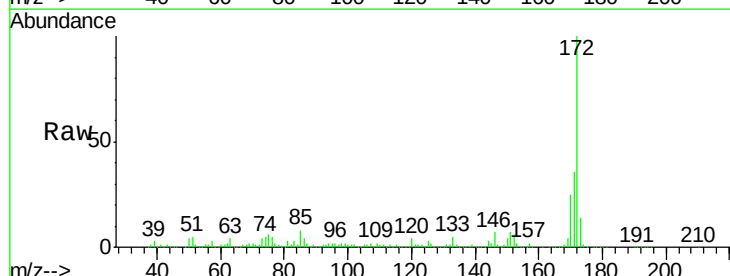
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.83 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083083.D
 Acq: 20 Nov 2015 15:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.2	42.4
170	25.0	19.4	29.0

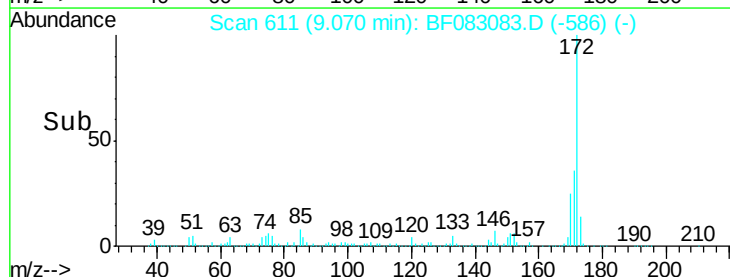
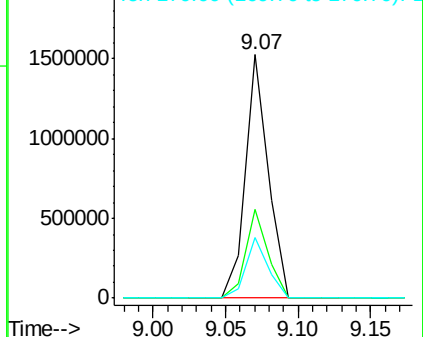


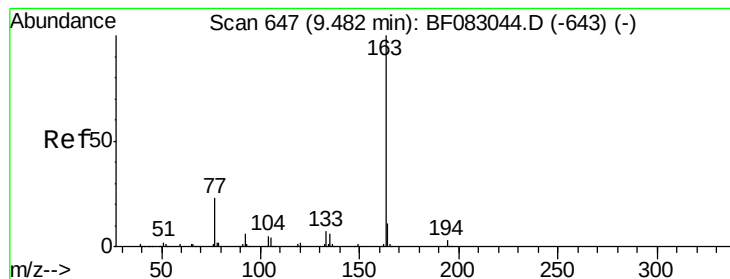
Abundance

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





#49

Dimethylphthalate

Concen: 17.99 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF083083.D

Acq: 20 Nov 2015 15:54

Instrument :

BNA_F

ClientSampleId :

RW-20151116-05

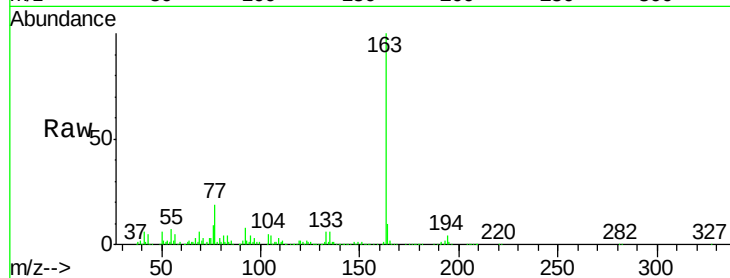
Tot Ion:163 Resp: 404822

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

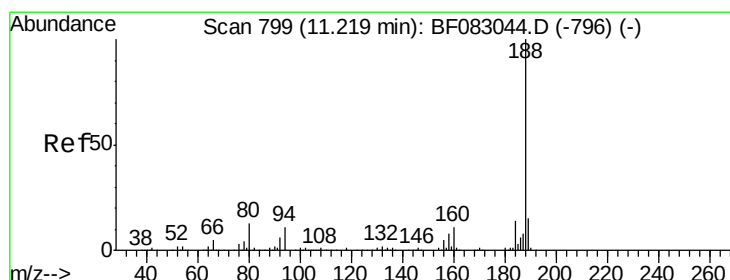
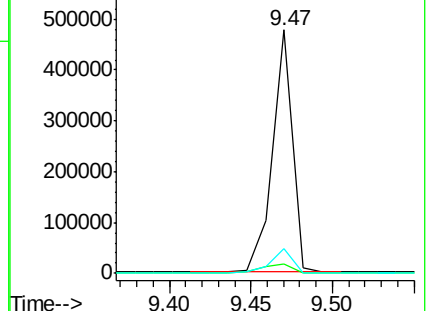
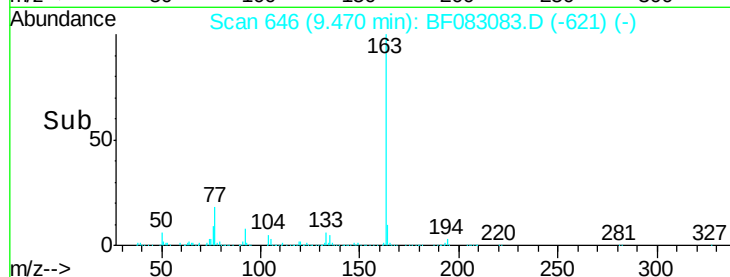
164 10.2 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF083083.D

Acq: 20 Nov 2015 15:54

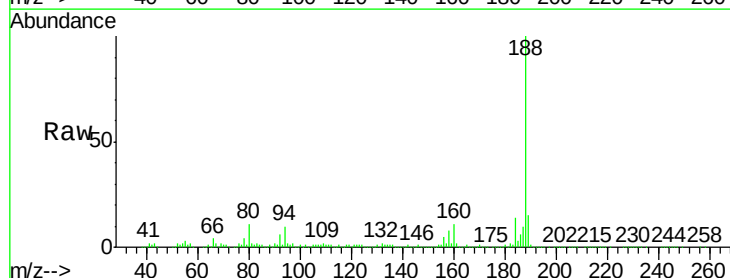
Tgt Ion:188 Resp: 432350

Ion Ratio Lower Upper

188 100

94 9.9 9.0 13.4

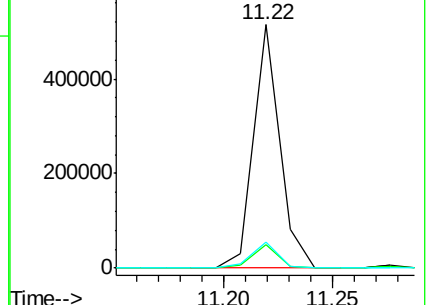
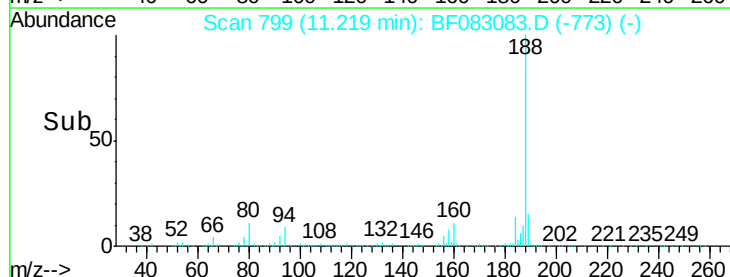
80 10.9 10.2 15.4

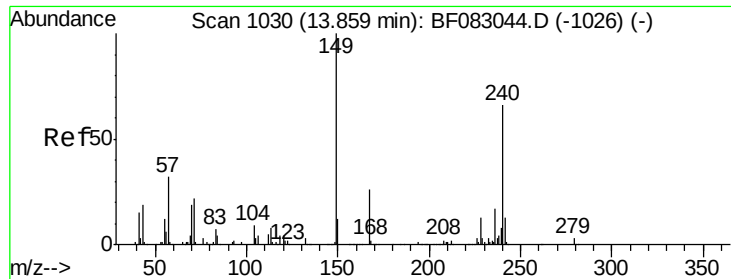


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF083083.D

Acq: 20 Nov 2015 15:54

Instrument :

BNA_F

ClientSampleId :

RW-20151116-05

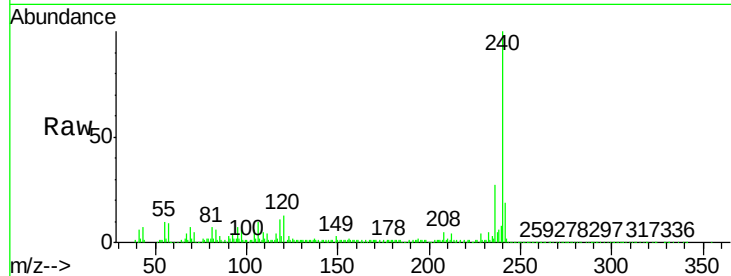
Tot Ion:240 Resp: 379906

Ion Ratio Lower Upper

240 100

120 12.8 5.3 7.9#

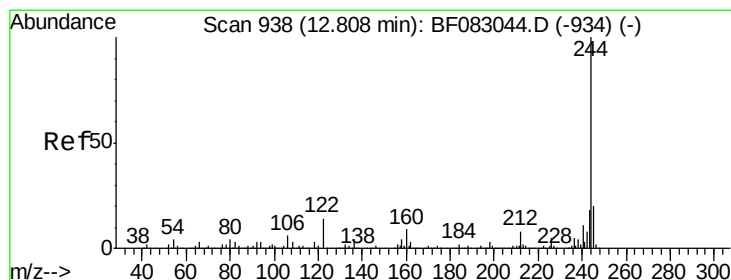
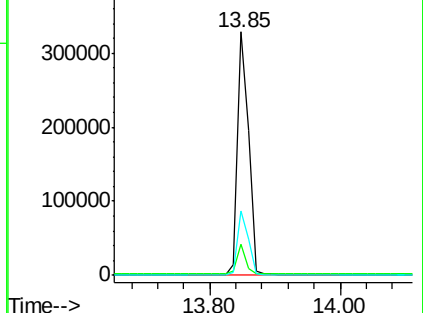
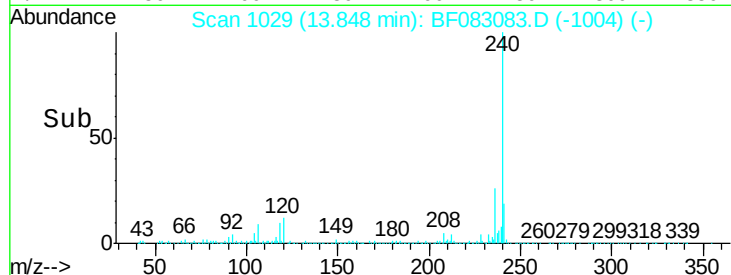
236 26.6 20.4 30.6



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: 84.26 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF083083.D

Acq: 20 Nov 2015 15:54

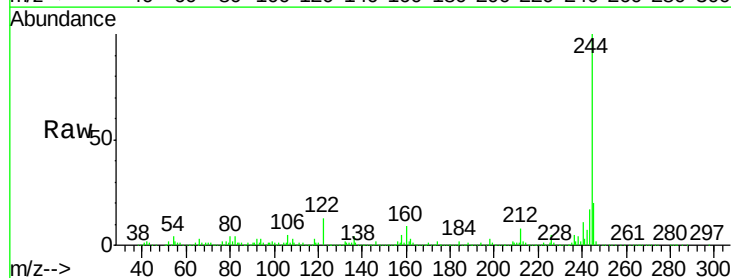
Tgt Ion:244 Resp: 1355988

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

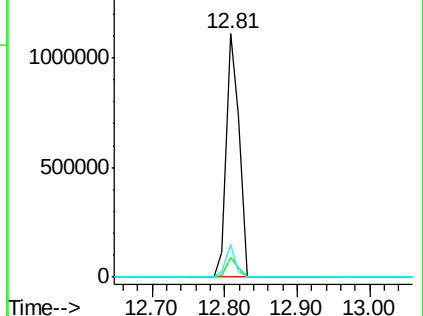
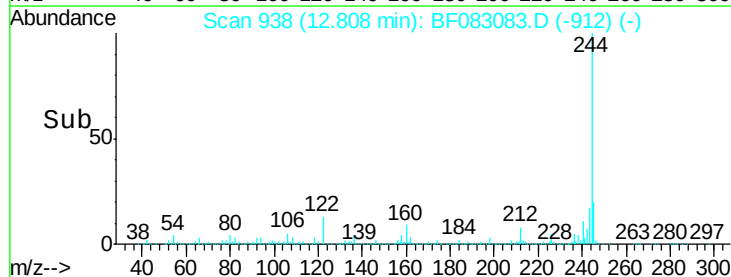
122 13.4 10.9 16.3

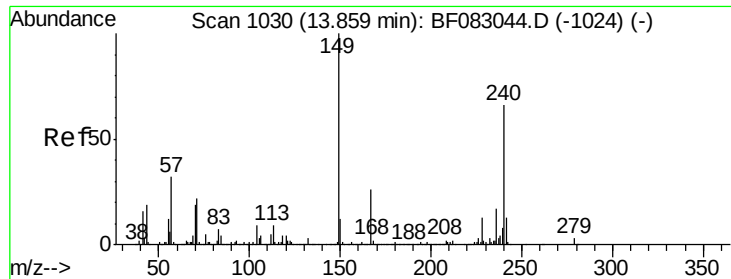


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.39 ng

RT: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF083083.D

Acq: 20 Nov 2015 15:54

Instrument :

BNA_F

ClientSampleId :

RW-20151116-05

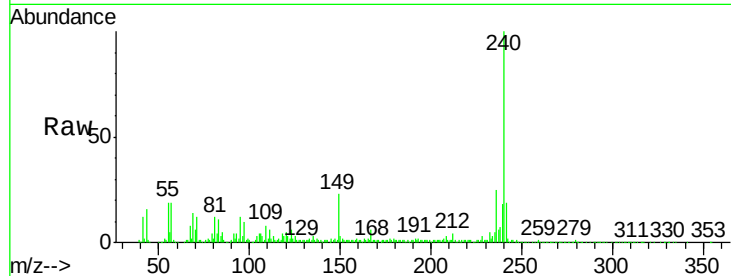
Tot Ion:149 Resp: 36910

Ion Ratio Lower Upper

149 100

167 26.2 20.9 31.3

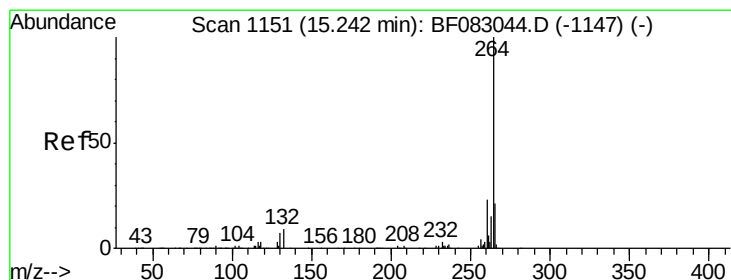
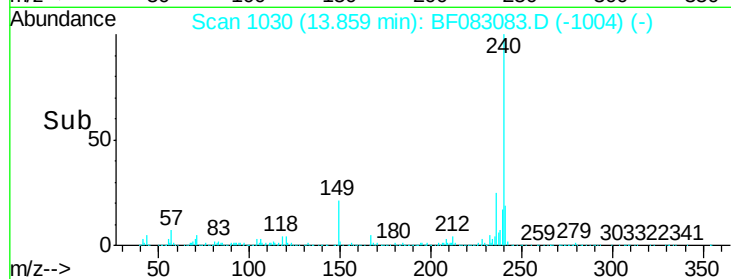
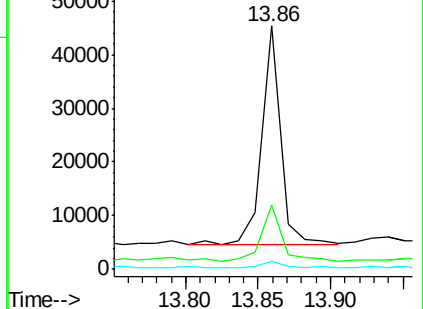
279 3.2 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.24 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF083083.D

Acq: 20 Nov 2015 15:54

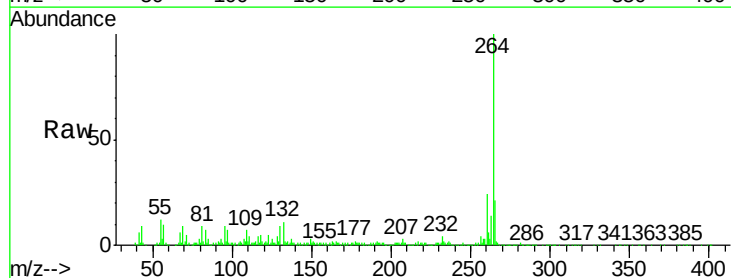
Tgt Ion:264 Resp: 346428

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 21.3 17.0 25.6



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

