

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
 Data File : BF077496.D
 Acq On : 27 Feb 2015 7:51
 Operator : TP/IZ
 Sample : G1385-02
 Misc : S
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2-D910

Quant Time: Feb 27 11:55:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 27 07:02:57 2015
 Response via : Initial Calibration

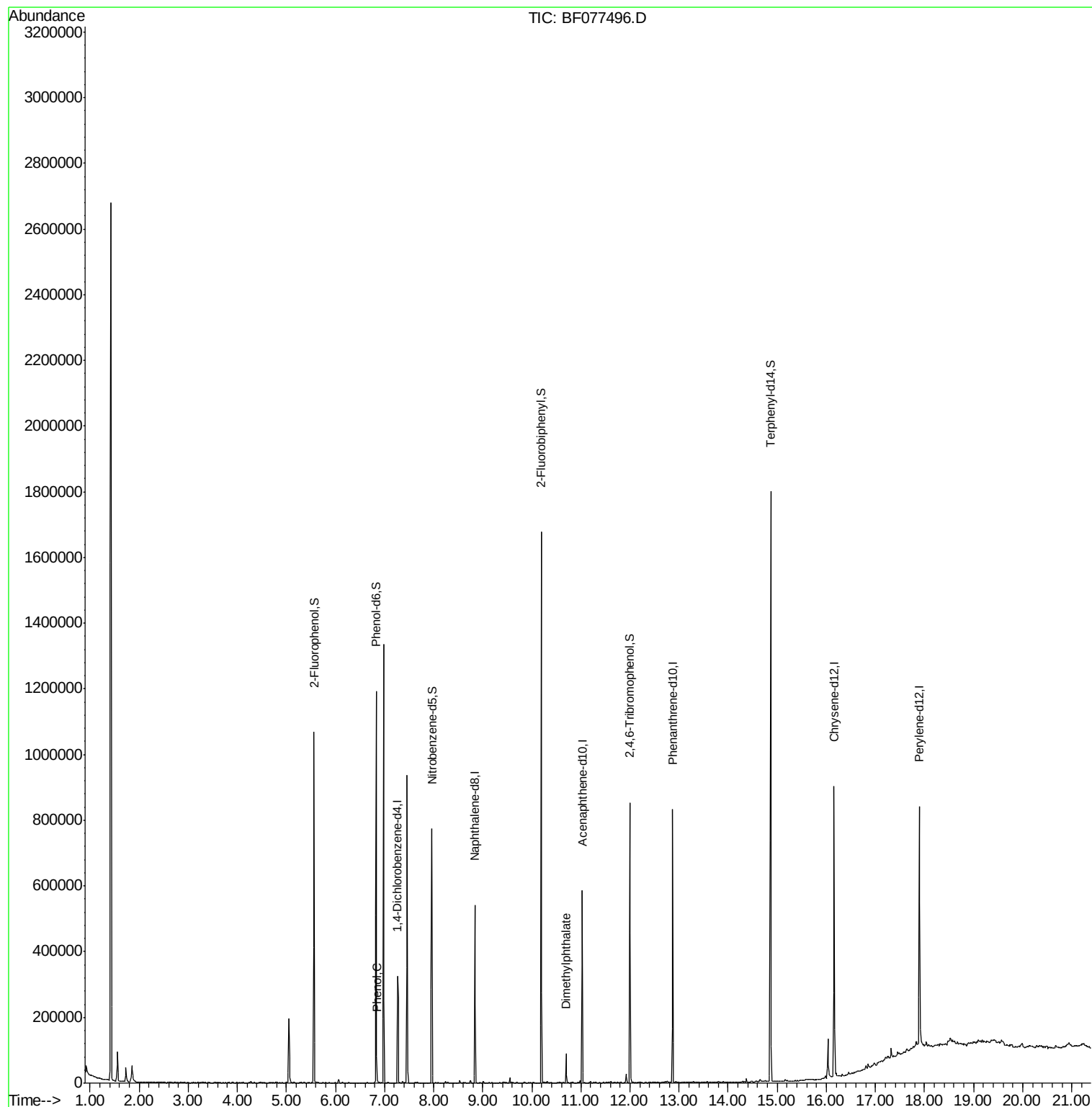
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	70219	20.00	ng	0.00
21) Naphthalene-d8	8.85	136	277710	20.00	ng	0.00
38) Acenaphthene-d10	11.02	164	148129	20.00	ng	0.00
63) Phenanthrene-d10	12.87	188	313194	20.00	ng	0.00
75) Chrysene-d12	16.16	240	336899	20.00	ng	0.01
86) Perylene-d12	17.90	264	343558	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	330012	78.46	ng	0.01
7) Phenol-d6	6.83	99	444883	82.26	ng	0.00
23) Nitrobenzene-d5	7.96	82	255166	57.14	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	119110	83.51	ng	0.00
44) 2-Fluorobiphenyl	10.19	172	517461	54.47	ng	0.00
78) Terphenyl-d14	14.86	244	651095	45.18	ng	0.00
Target Compounds						
10) Phenol	6.84	94	13207	2.06	ng	91
49) Dimethylphthalate	10.70	163	38542	3.70	ng	99

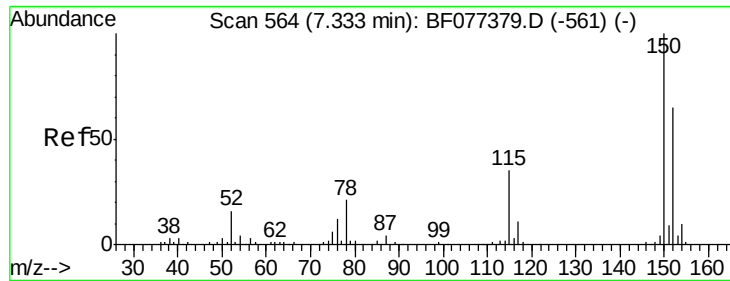
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF077496.D

Acq: 27 Feb 2015 7:51

Instrument :

BNA_F

ClientSampleId :

B-2-D910

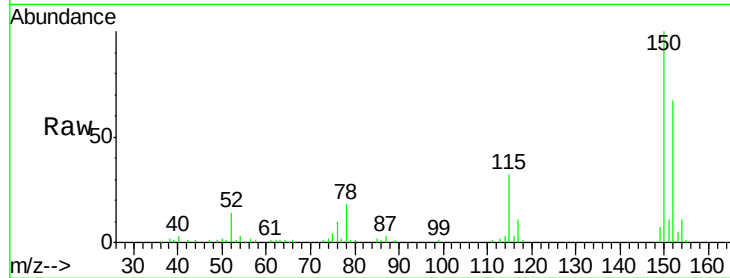
Tgt Ion:152 Resp: 70219

Ion Ratio Lower Upper

152 100

150 149.8 124.0 186.0

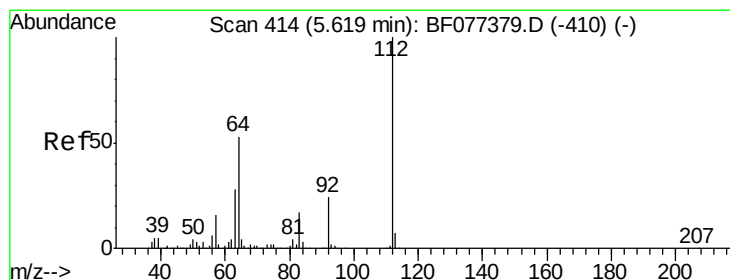
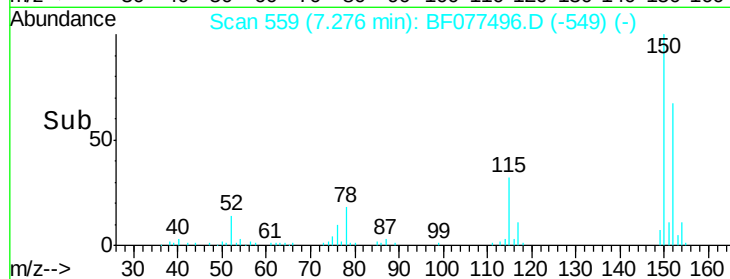
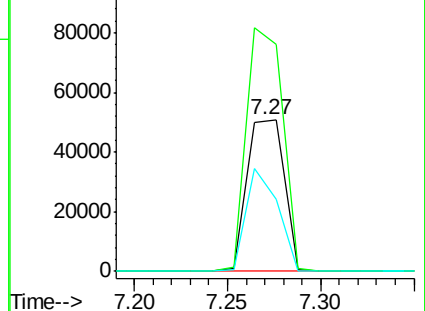
115 47.2 49.4 74.2#



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: 78.46 ng

RT: 5.56 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF077496.D

Acq: 27 Feb 2015 7:51

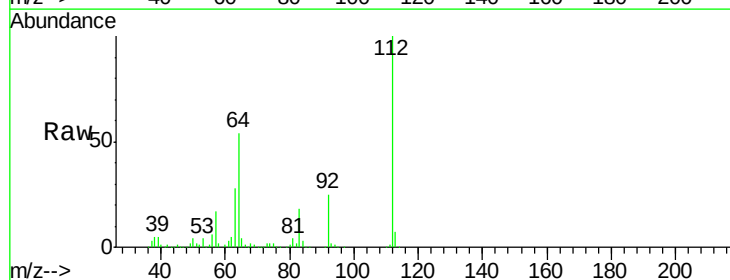
Tgt Ion:112 Resp: 330012

Ion Ratio Lower Upper

112 100

64 53.6 48.5 72.7

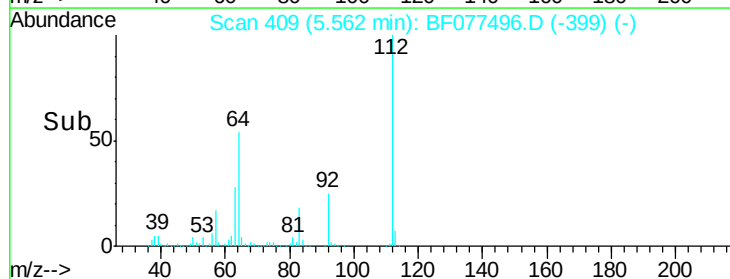
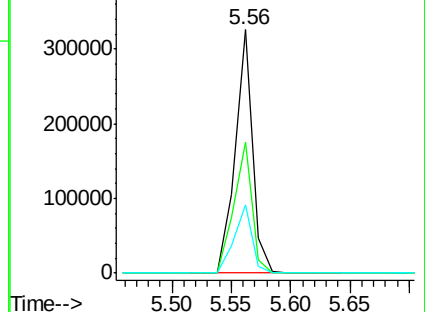
63 28.1 25.0 37.4

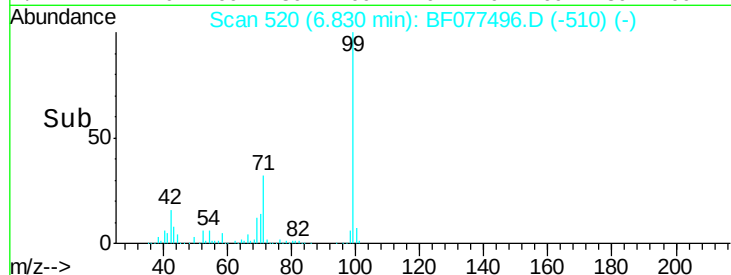
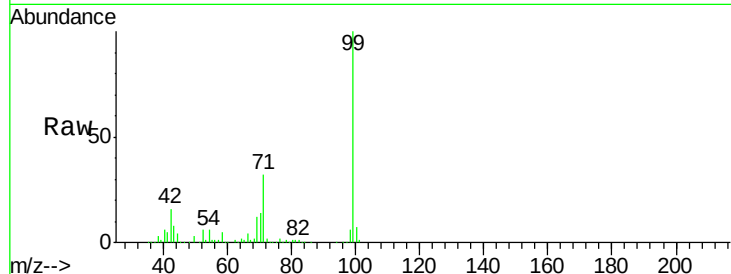
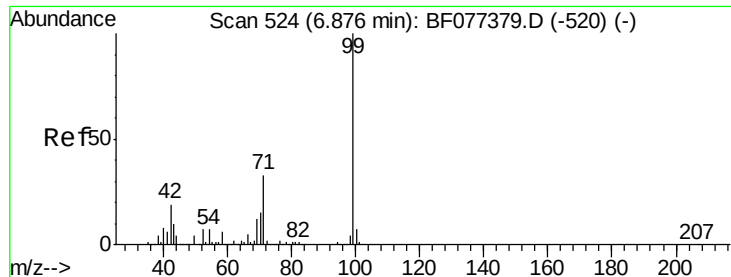


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 82.26 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.01 min

Lab File: BF077496.D

Acq: 27 Feb 2015 7:51

Instrument :

BNA_F

ClientSampleId :

B-2-D910

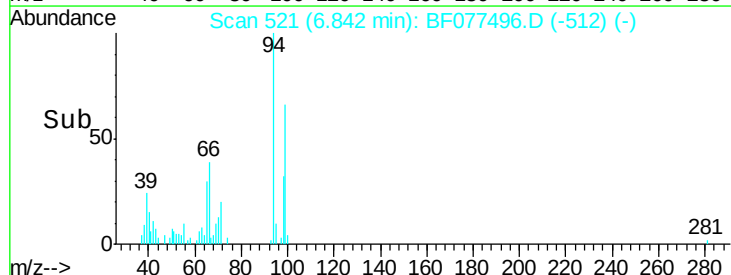
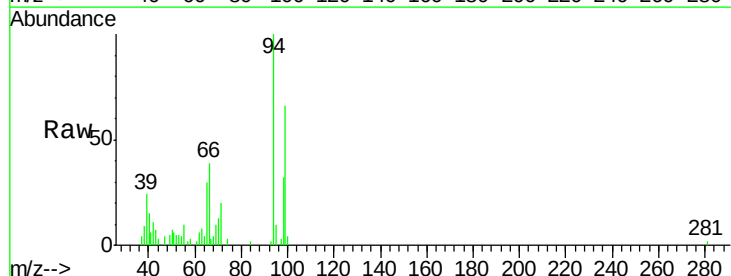
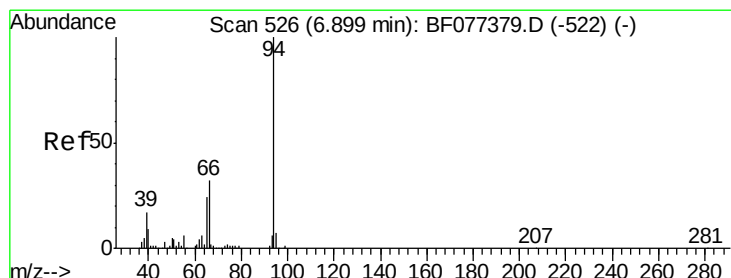
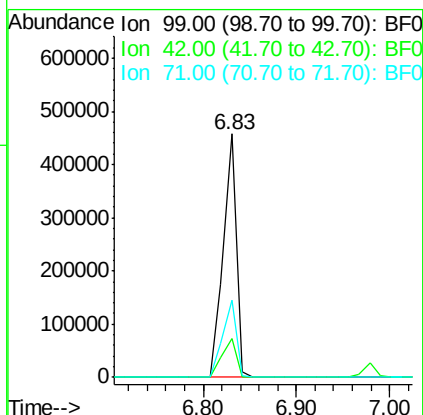
Tgt Ion: 99 Resp: 444883

Ion Ratio Lower Upper

99 100

42 15.8 16.2 24.4#

71 31.9 26.7 40.1



#10

Phenol

Concen: 2.06 ng

RT: 6.84 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF077496.D

Acq: 27 Feb 2015 7:51

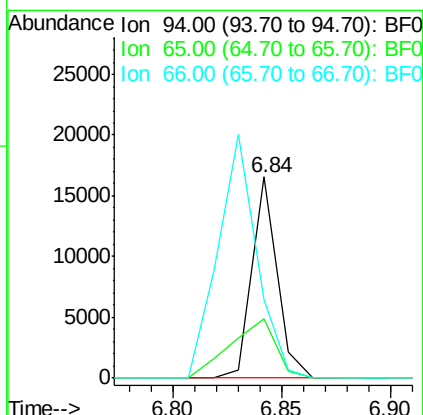
Tgt Ion: 94 Resp: 13207

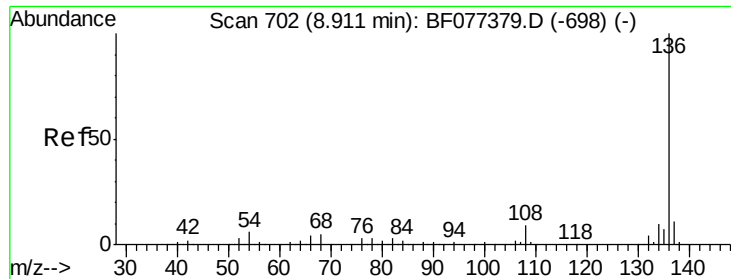
Ion Ratio Lower Upper

94 100

65 29.8 5.7 45.7

66 39.2 13.6 53.6

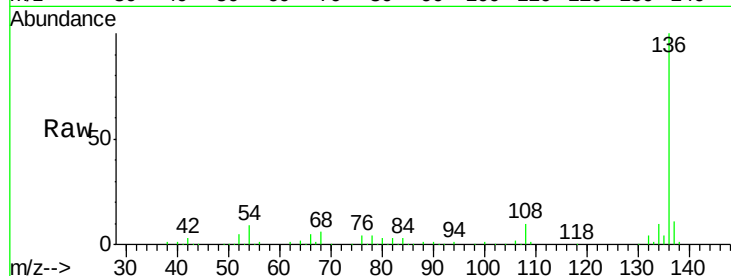




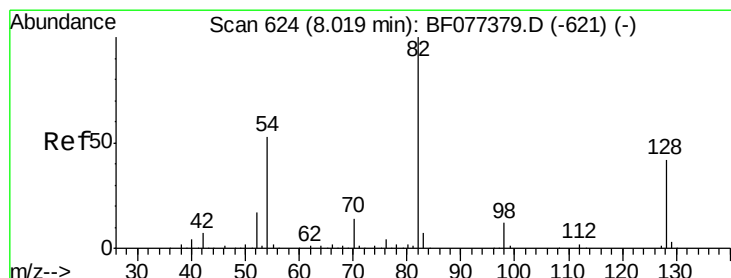
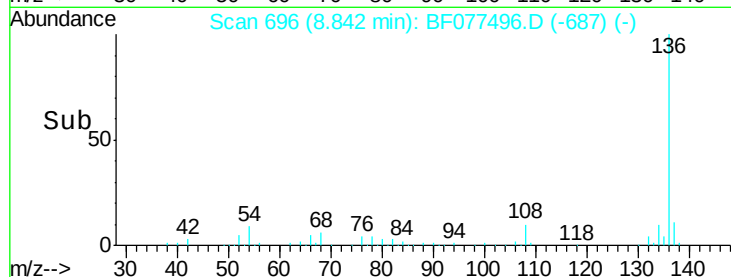
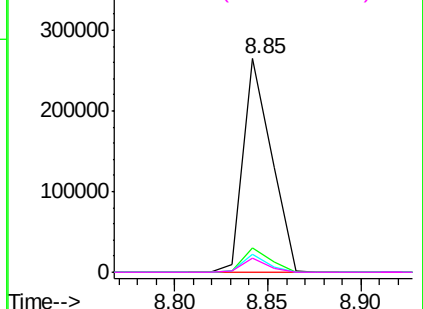
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.85 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077496.D
Acq: 27 Feb 2015 7:51

Instrument :
BNA_F
ClientSampleId :
B-2-D910

Tgt Ion:	136	Resp:	277710
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	8.5	6.2	9.4
68	6.4	5.0	7.6

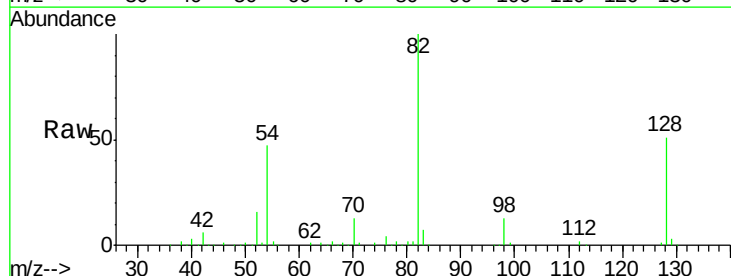


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

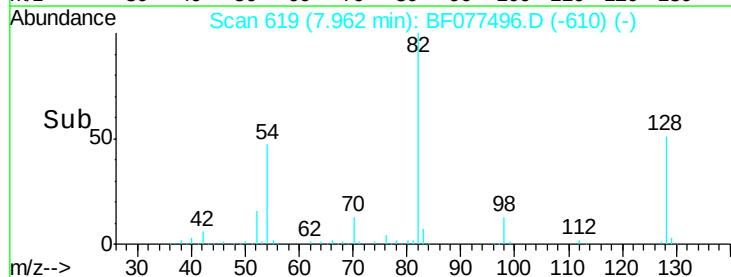
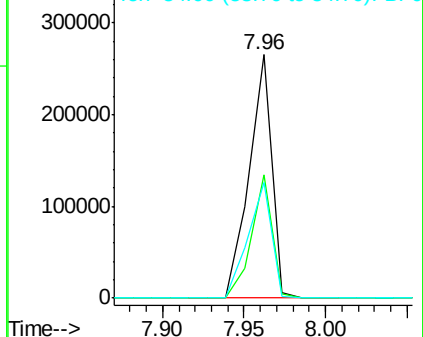


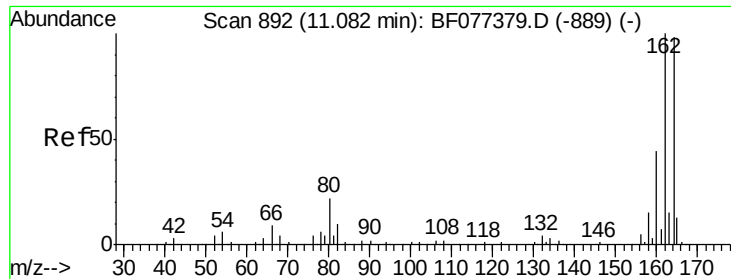
#23
Nitrobenzene-d5
Concen: 57.14 ng
RT: 7.96 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF077496.D
Acq: 27 Feb 2015 7:51

Tgt Ion:	82	Resp:	255166
Ion	Ratio	Lower	Upper
82	100		
128	50.7	43.8	65.8
54	47.4	36.7	55.1



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

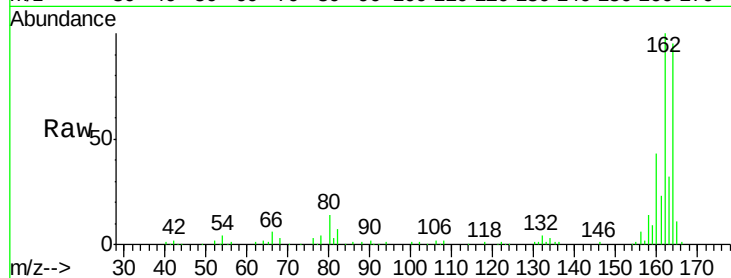




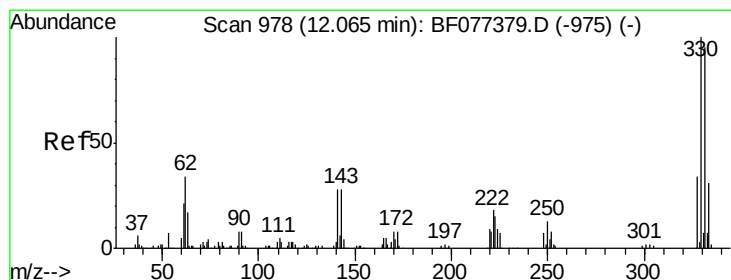
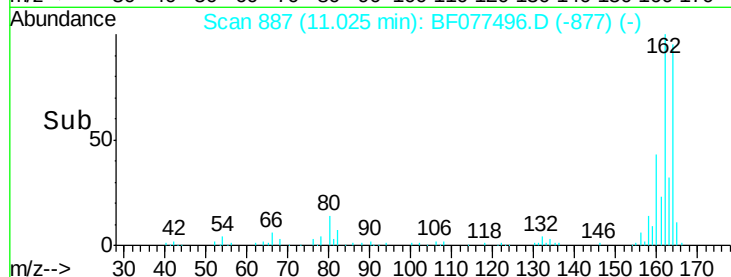
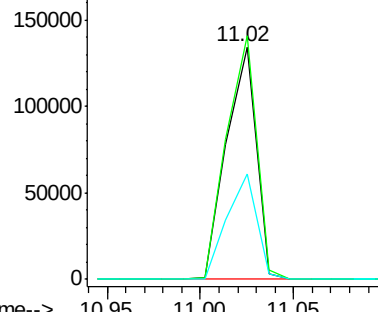
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.02 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: BF077496.D
 Acq: 27 Feb 2015 7:51

Instrument :
 BNA_F
 ClientSampleId :
 B-2-D910

Tgt Ion:164 Resp: 148129
 Ion Ratio Lower Upper
 164 100
 162 104.8 83.2 124.8
 160 45.2 34.6 52.0

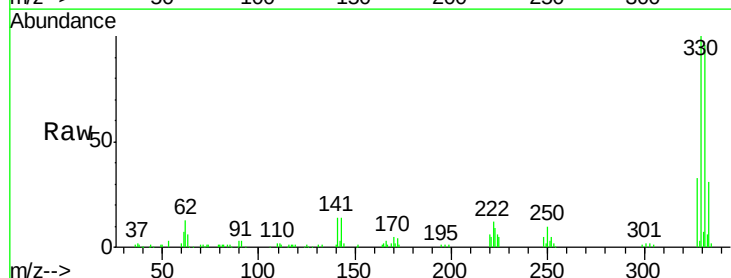


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

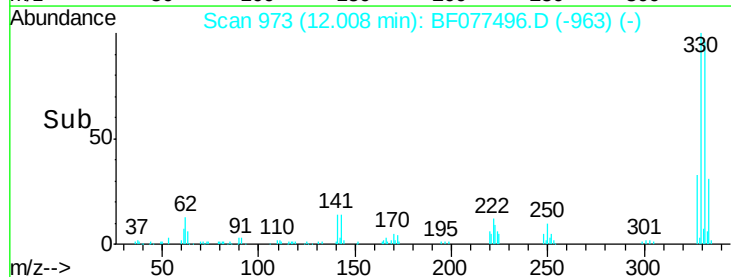
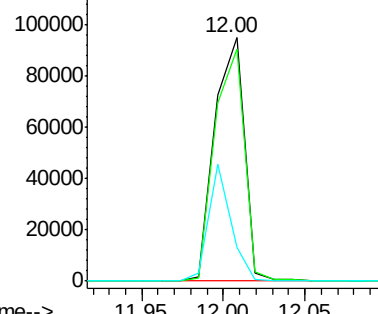


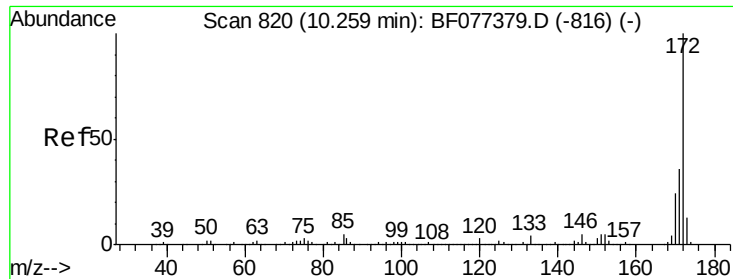
#41
 2,4,6-Tribromophenol
 Concen: 83.51 ng
 RT: 12.00 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BF077496.D
 Acq: 27 Feb 2015 7:51

Tgt Ion:330 Resp: 119110
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 36.4 28.8 43.2



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

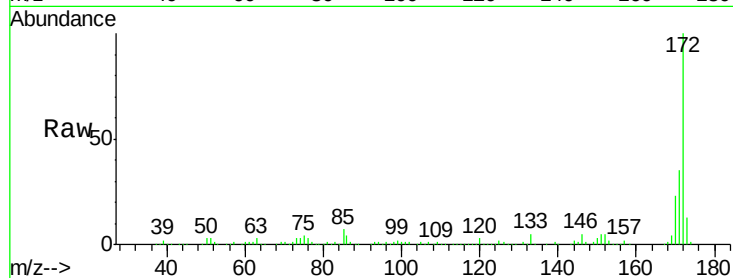




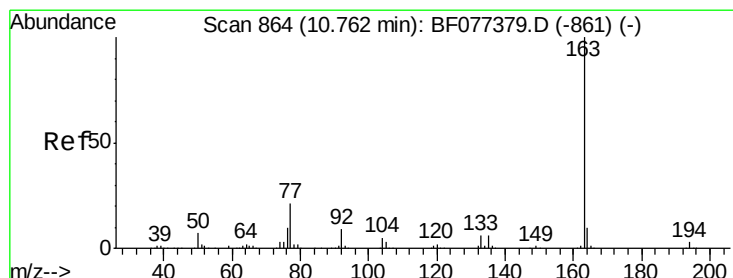
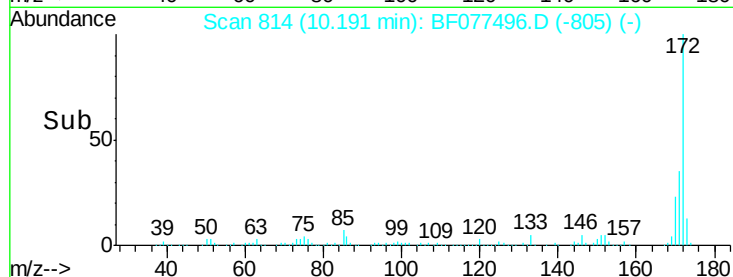
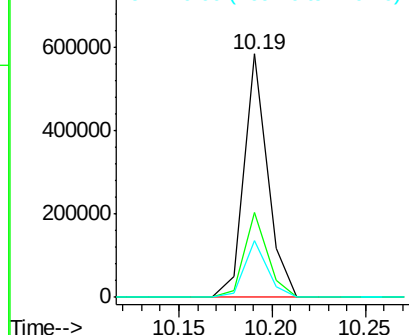
#44
 2-Fluorobiphenyl
 Concen: 54.47 ng
 RT: 10.19 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF077496.D
 Acq: 27 Feb 2015 7:51

Instrument :
 BNA_F
 ClientSampleId :
 B-2-D910

Tgt Ion:172 Resp: 517461
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.9 43.3
 170 23.4 19.4 29.2

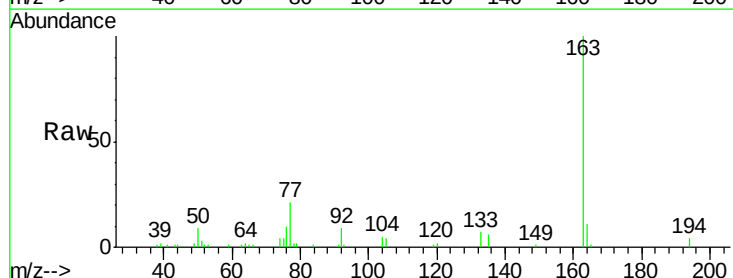


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

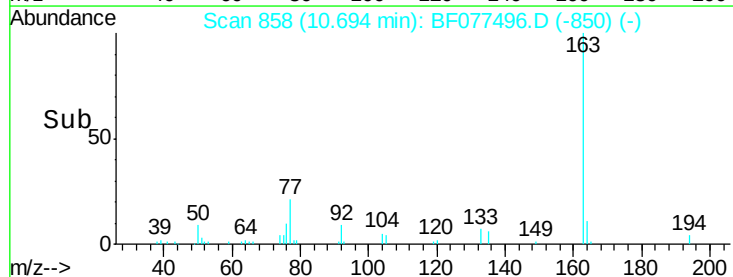
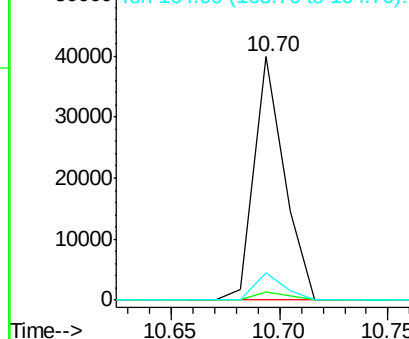


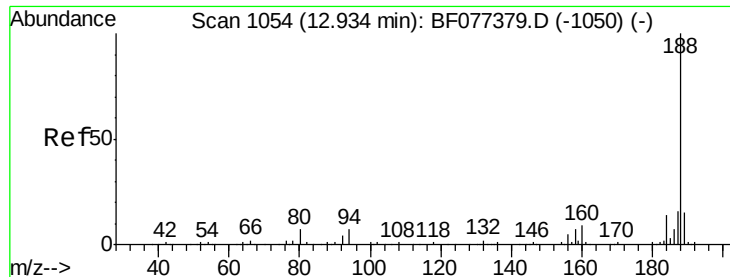
#49
 Dimethylphthalate
 Concen: 3.70 ng
 RT: 10.70 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BF077496.D
 Acq: 27 Feb 2015 7:51

Tgt Ion:163 Resp: 38542
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.6 4.0
 164 11.1 8.6 13.0



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: 12.87 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF077496.D

Acq: 27 Feb 2015 7:51

Instrument :

BNA_F

ClientSampleId :

B-2-D910

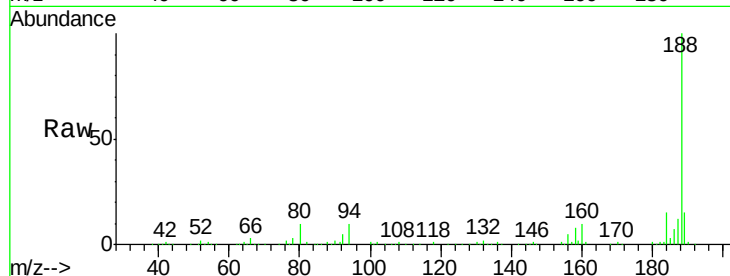
Tgt Ion:188 Resp: 313194

Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

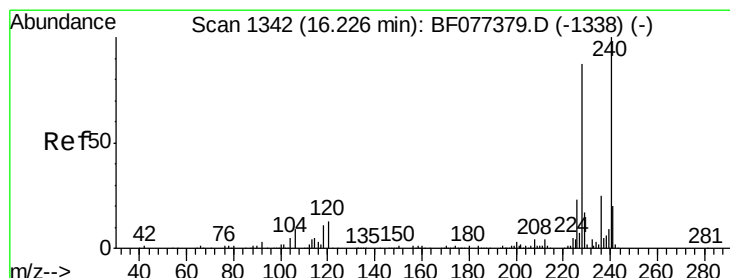
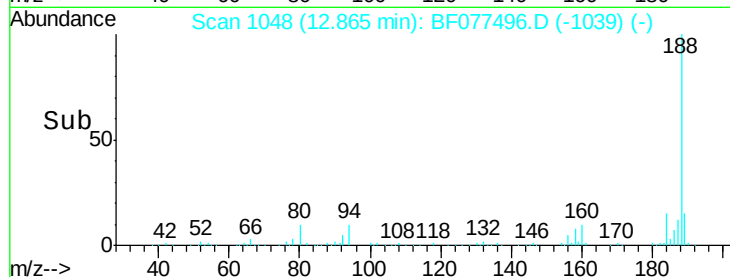
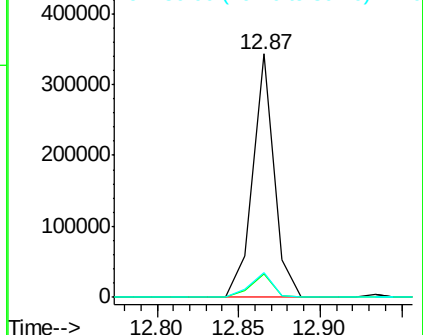
80 10.0 8.0 12.0



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: 16.16 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF077496.D

Acq: 27 Feb 2015 7:51

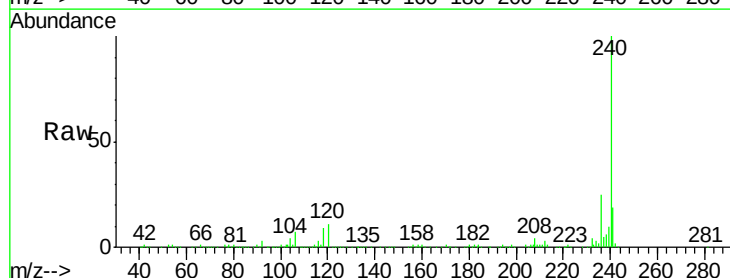
Tgt Ion:240 Resp: 336899

Ion Ratio Lower Upper

240 100

120 10.9 8.8 13.2

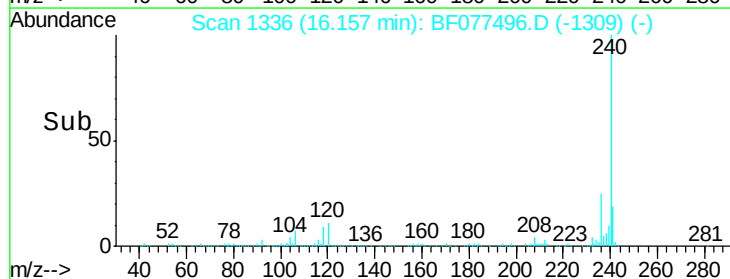
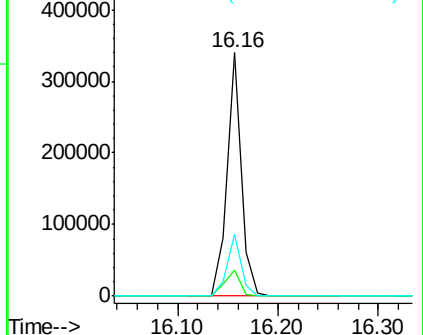
236 25.4 20.7 31.1

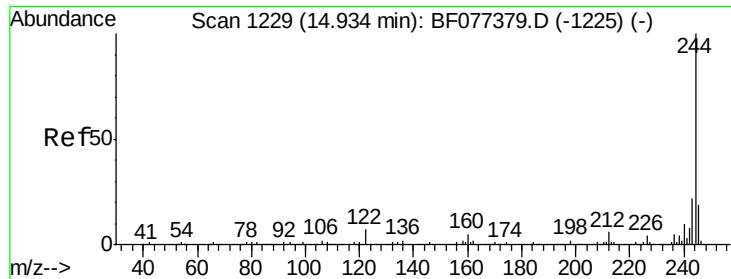


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 45.18 ng

RT: 14.86 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BF077496.D

Acq: 27 Feb 2015 7:51

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B-2-D910

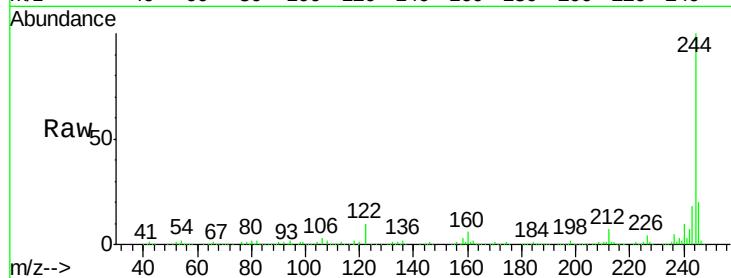
Tgt Ion:244 Resp: 651095

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

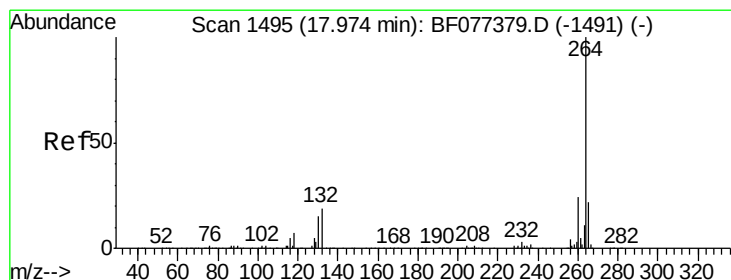
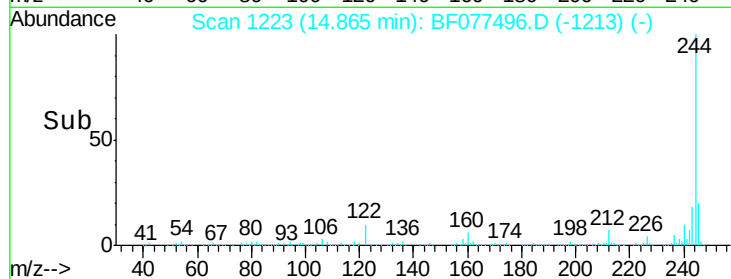
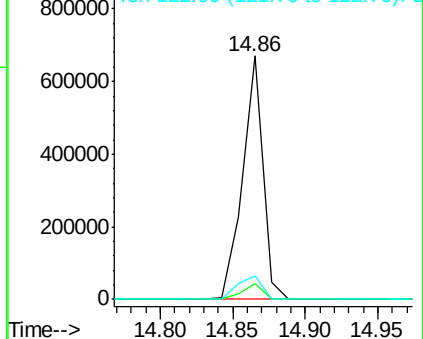
122 9.8 7.8 11.8



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: 17.90 min Scan# 1488

Delta R.T. 0.02 min

Lab File: BF077496.D

Acq: 27 Feb 2015 7:51

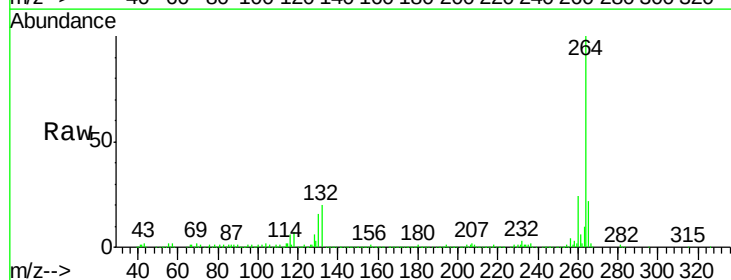
Tgt Ion:264 Resp: 343558

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 22.2 16.8 25.2



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

