

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
 Data File : BF090935.D
 Acq On : 31 Oct 2016 18:27
 Operator : UM/SJ
 Sample : H5463-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(12-14)

Quant Time: Nov 01 13:19:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

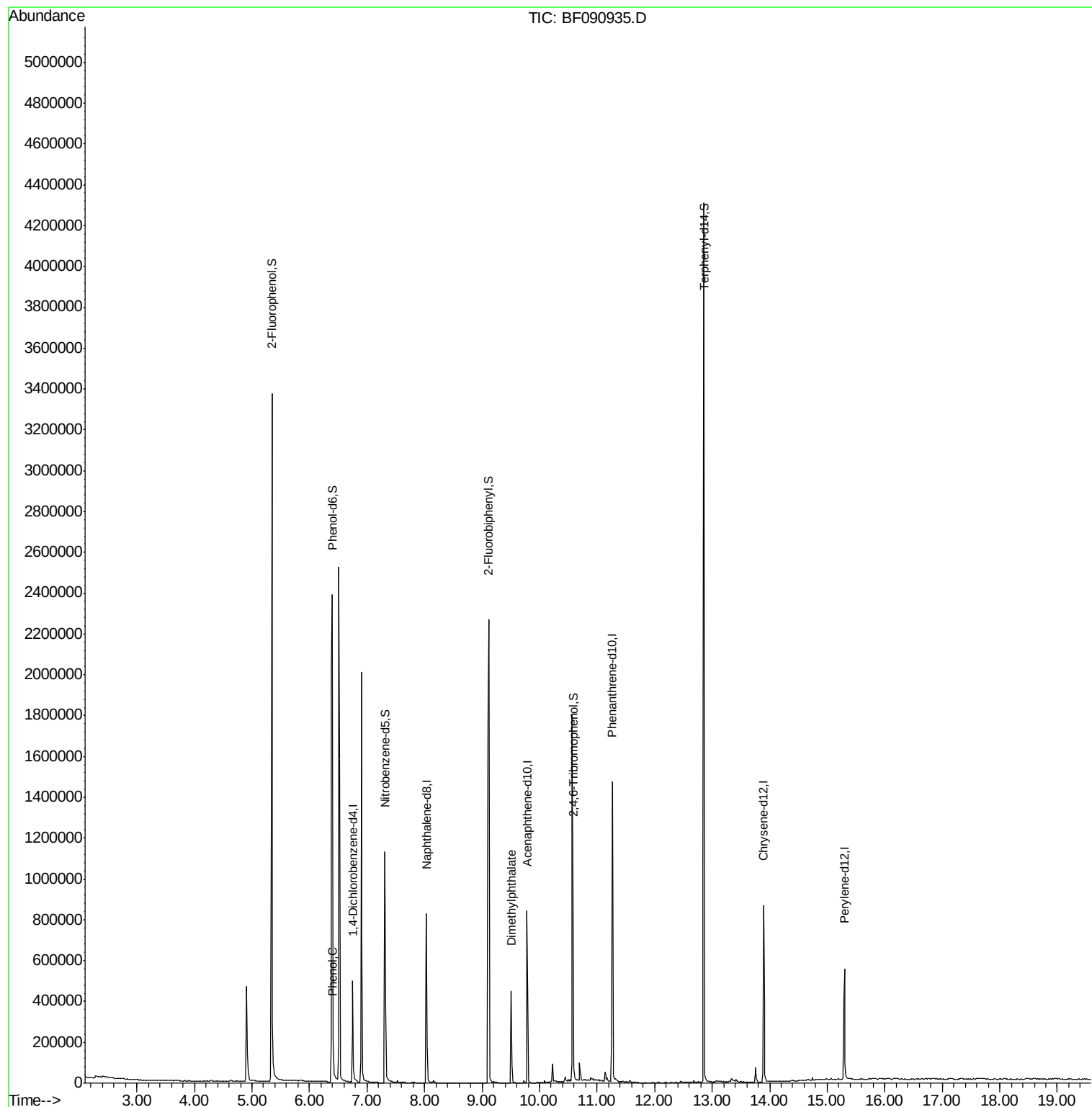
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	113209	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	436873	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	237337	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	514645	20.00	ng	0.00
75) Chrysene-d12	13.89	240	382254	20.00	ng	-0.01
86) Perylene-d12	15.30	264	302733	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1053118	162.64	ng	0.01
7) Phenol-d6	6.40	99	1331627	152.44	ng	0.00
23) Nitrobenzene-d5	7.31	82	461100	69.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	308280	126.39	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1123614	83.13	ng	0.00
78) Terphenyl-d14	12.85	244	1296185	85.43	ng	0.00
Target Compounds						
10) Phenol	6.41	94	37693	3.92	ng	Qvalue 80
49) Dimethylphthalate	9.50	163	205949	12.99	ng	# 97

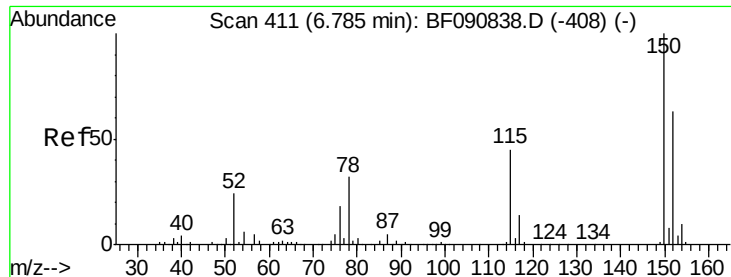
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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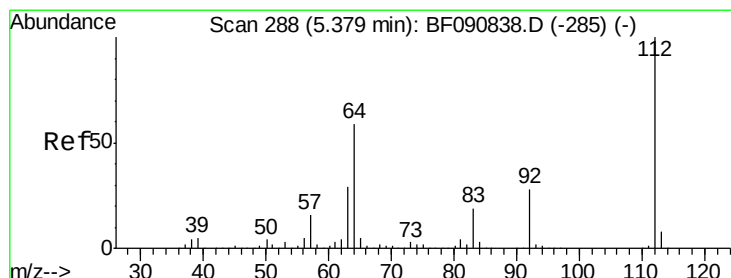
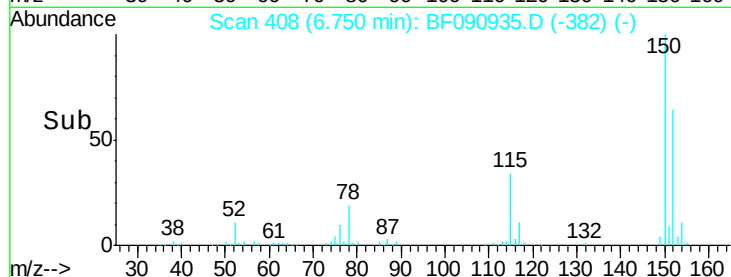
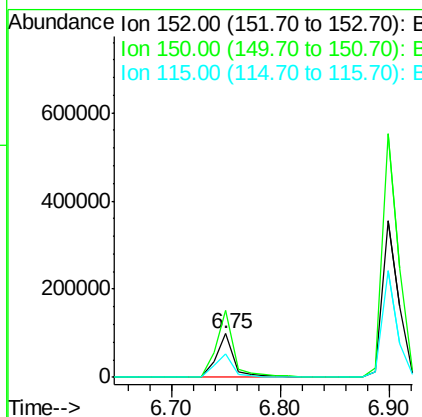
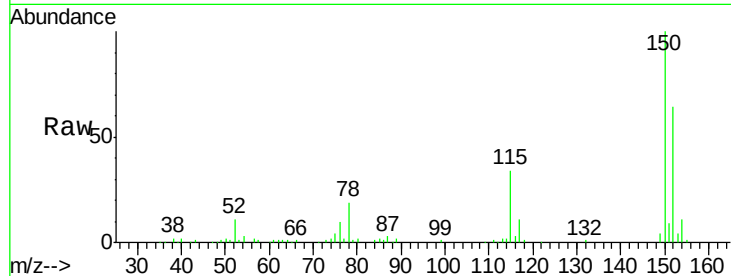




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: BF090935.D
 Acq: 31 Oct 2016 18:27

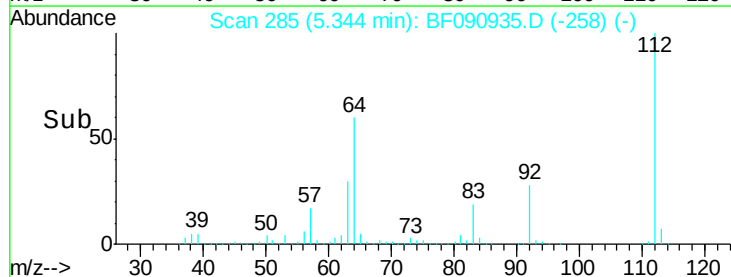
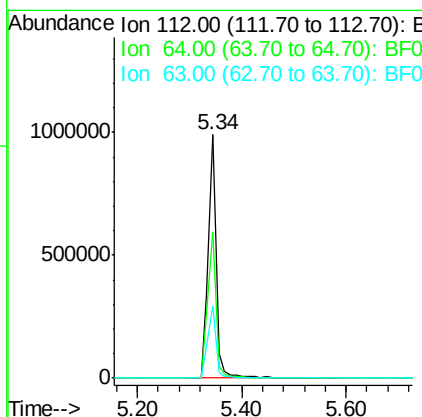
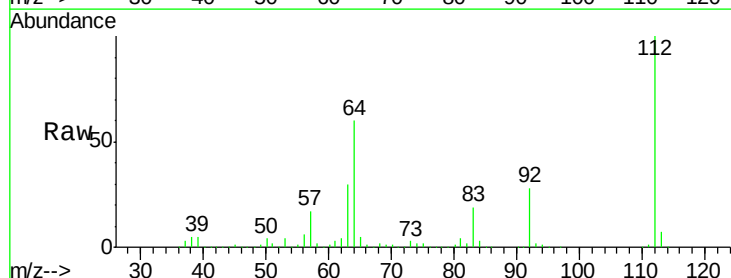
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(12-14)

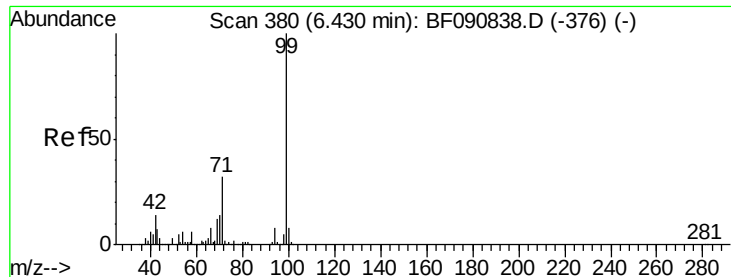
Tgt Ion:152 Resp: 113209
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.7 187.1
 115 53.1 39.0 58.4



#5
 2-Fluorophenol
 Concen: 162.64 ng
 RT: 5.34 min Scan# 285
 Delta R.T. 0.01 min
 Lab File: BF090935.D
 Acq: 31 Oct 2016 18:27

Tgt Ion:112 Resp: 1053118
 Ion Ratio Lower Upper
 112 100
 64 60.4 39.7 59.5#
 63 29.9 17.4 26.0#





#7

Phenol-d6

Concen: 152.44 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF090935.D

Acq: 31 Oct 2016 18:27

Instrument :

BNA_F

ClientSampleId :

SB-4(12-14)

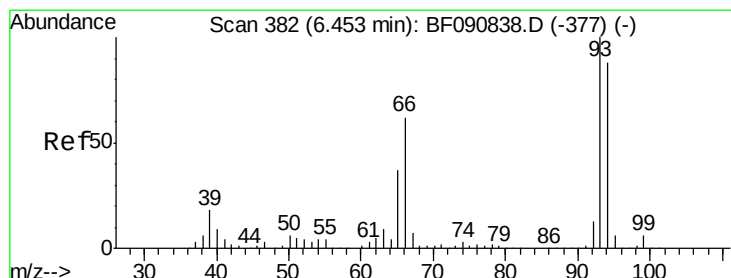
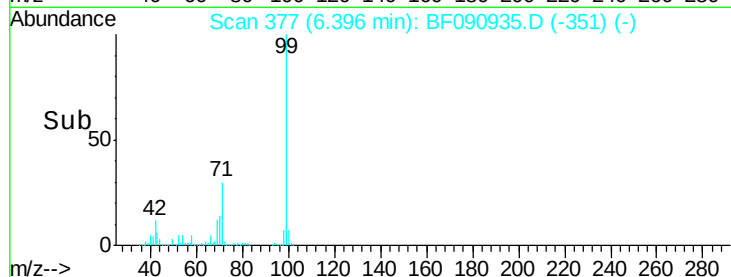
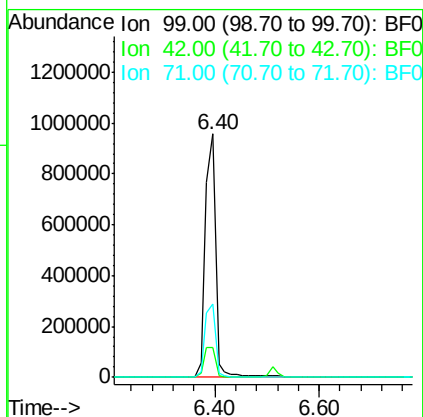
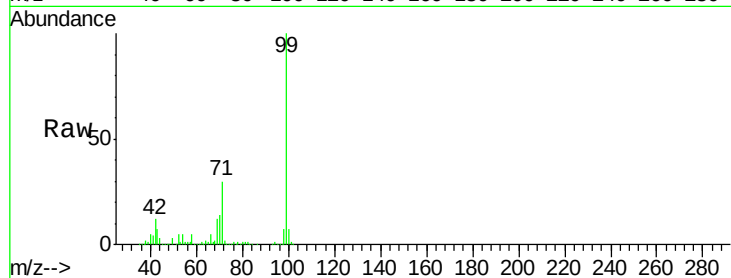
Tgt Ion: 99 Resp: 1331627

Ion Ratio Lower Upper

99 100

42 12.3 13.7 20.5#

71 30.2 14.2 21.2#



#10

Phenol

Concen: 3.92 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF090935.D

Acq: 31 Oct 2016 18:27

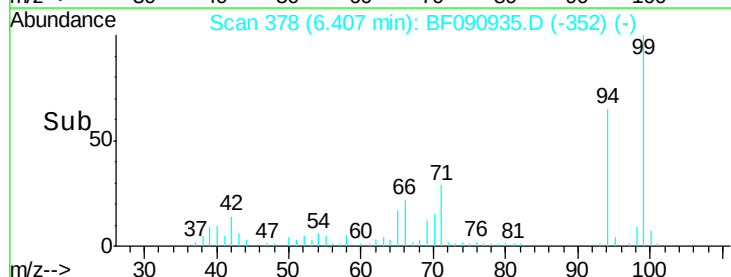
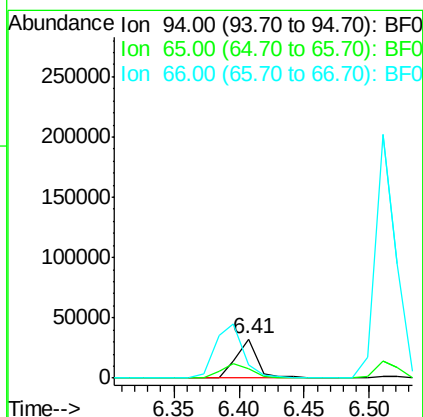
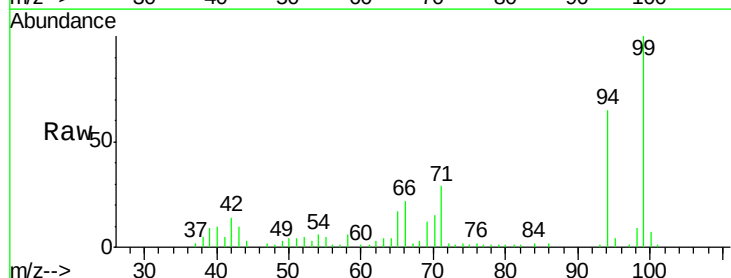
Tgt Ion: 94 Resp: 37693

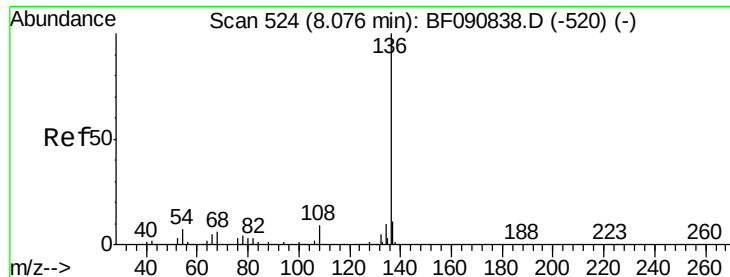
Ion Ratio Lower Upper

94 100

65 25.6 0.7 40.7

66 34.3 0.8 40.8

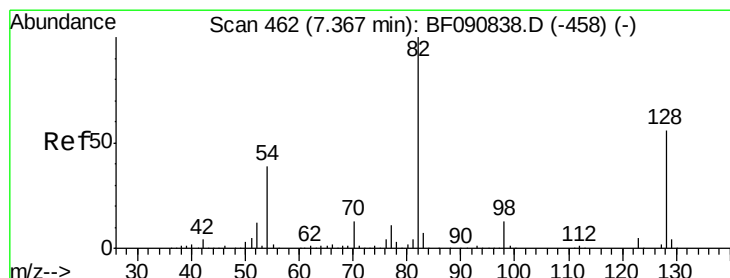
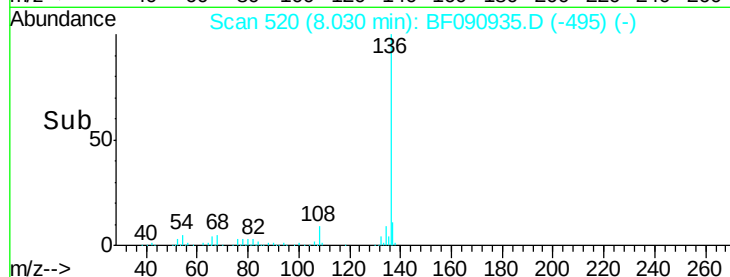
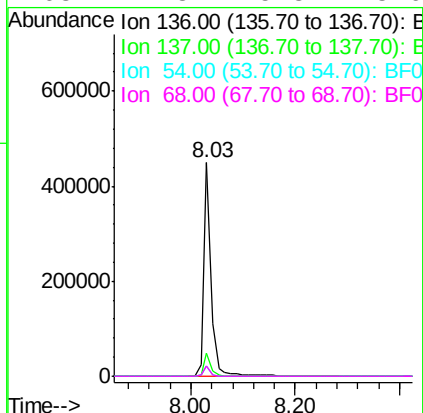
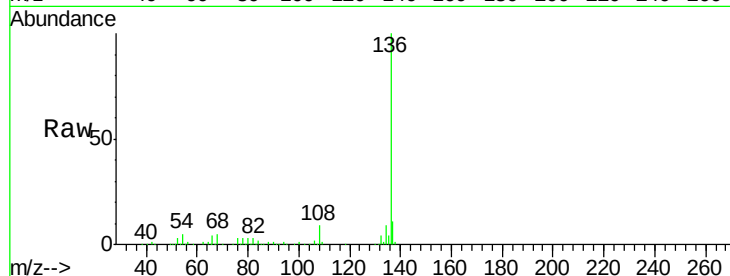




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF090935.D
Acq: 31 Oct 2016 18:27

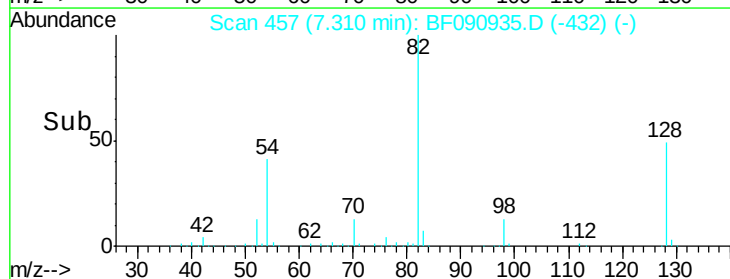
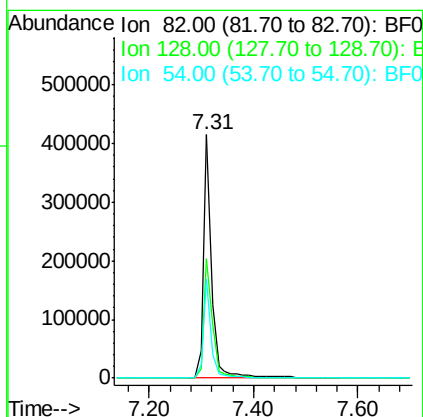
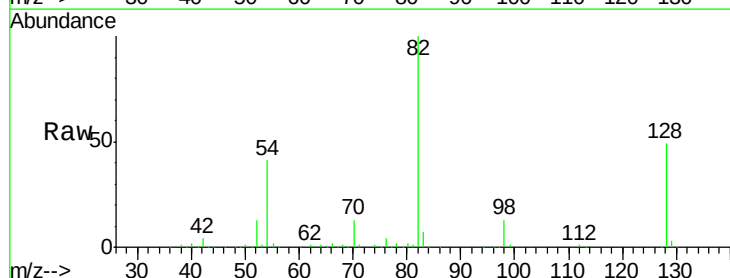
Instrument :
BNA_F
ClientSampleId :
SB-4(12-14)

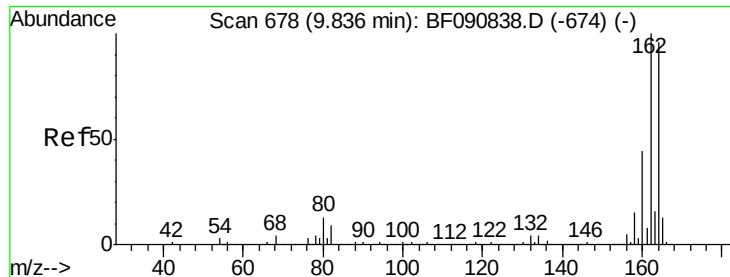
Tgt Ion:	136	Resp:	436873
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	5.0	8.2	12.2#
68	4.8	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 69.09 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF090935.D
Acq: 31 Oct 2016 18:27

Tgt Ion:	82	Resp:	461100
Ion	Ratio	Lower	Upper
82	100		
128	48.8	51.0	76.6#
54	40.9	47.5	71.3#

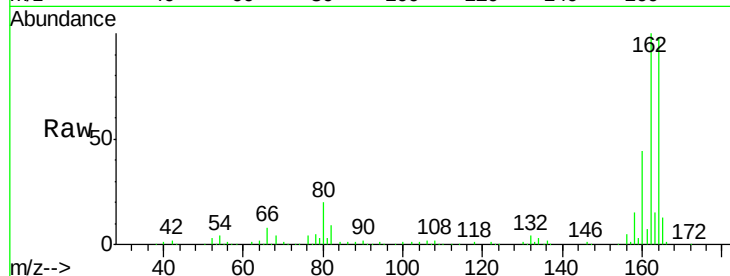




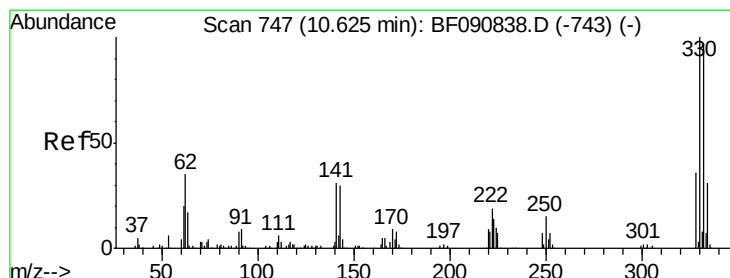
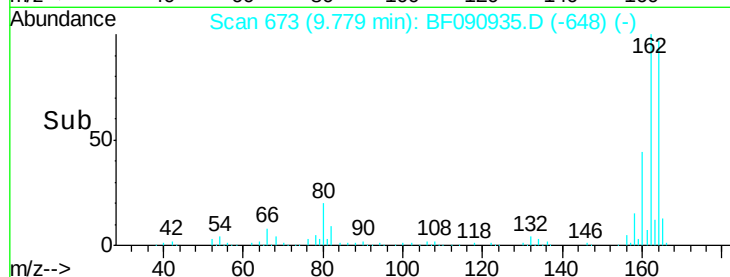
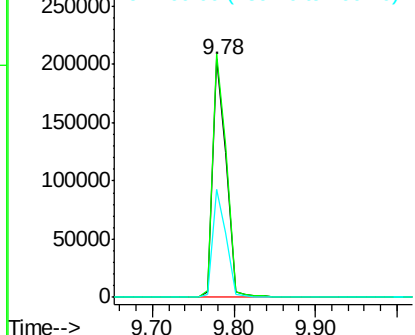
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF090935.D
Acq: 31 Oct 2016 18:27

Instrument :
BNA_F
ClientSampleId :
SB-4(12-14)

Tgt Ion:164 Resp: 237337
Ion Ratio Lower Upper
164 100
162 102.3 75.2 112.8
160 45.3 31.5 47.3

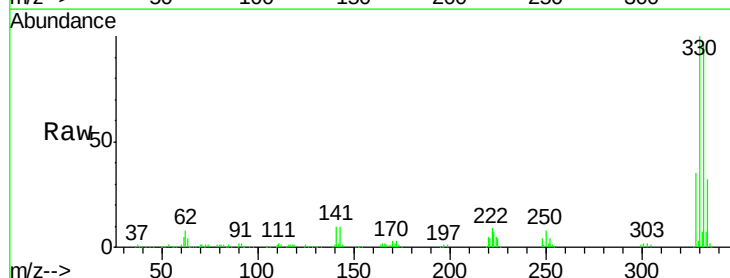


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

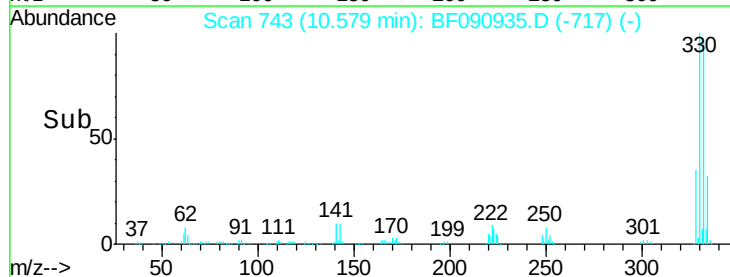
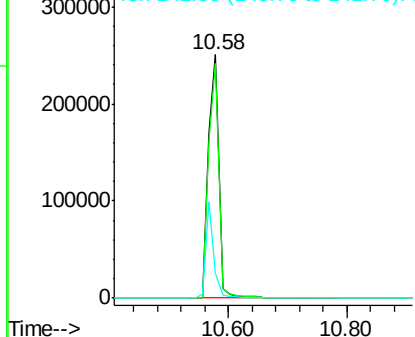


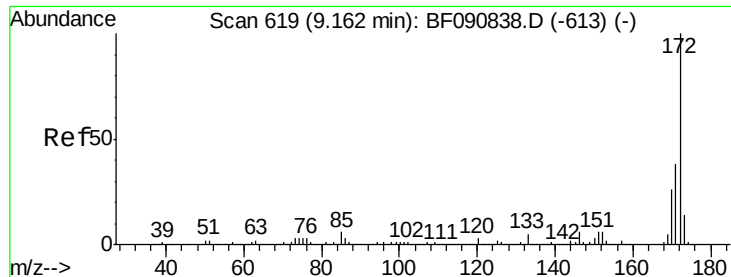
#41
2,4,6-Tribromophenol
Concen: 126.39 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF090935.D
Acq: 31 Oct 2016 18:27

Tgt Ion:330 Resp: 308280
Ion Ratio Lower Upper
330 100
332 95.5 76.6 114.8
141 30.5 29.7 44.5



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

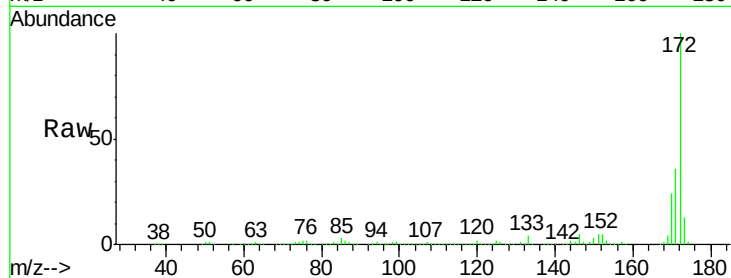




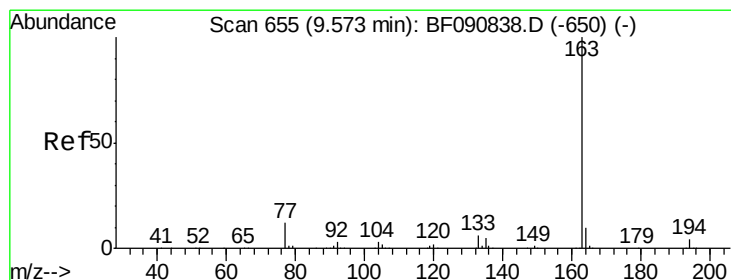
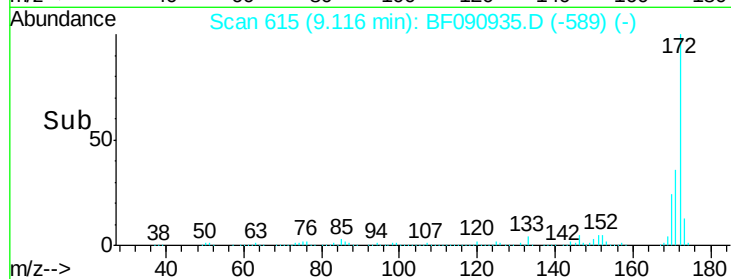
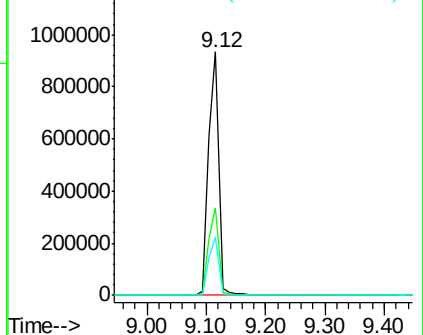
#44
 2-Fluorobiphenyl
 Concen: 83.13 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF090935.D
 Acq: 31 Oct 2016 18:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(12-14)

Tgt Ion:172 Resp: 1123614
 Ion Ratio Lower Upper
 172 100
 171 35.9 26.1 39.1
 170 24.0 17.4 26.2

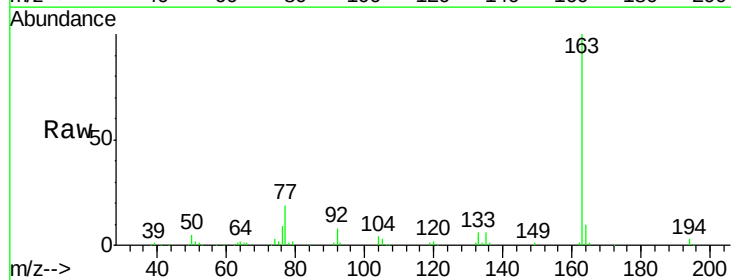


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

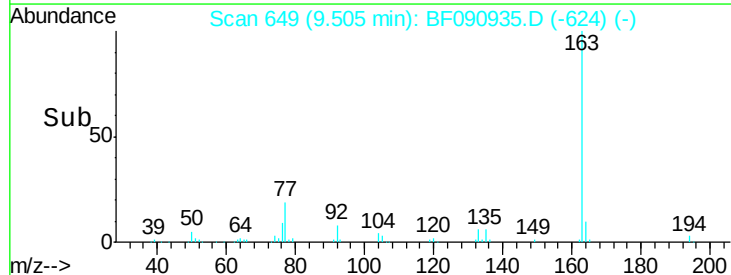
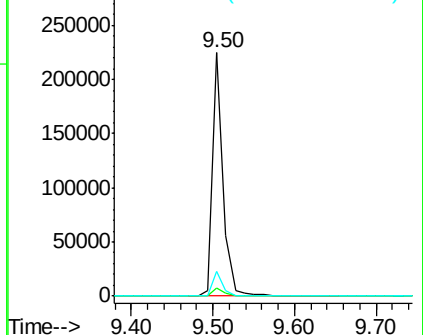


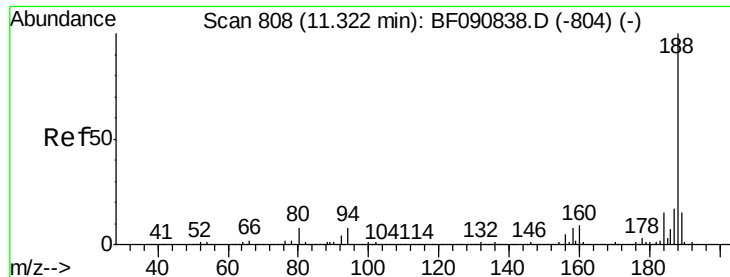
#49
 Dimethylphthalate
 Concen: 12.99 ng
 RT: 9.50 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BF090935.D
 Acq: 31 Oct 2016 18:27

Tgt Ion:163 Resp: 205949
 Ion Ratio Lower Upper
 163 100
 194 3.3 4.4 6.6#
 164 10.1 8.3 12.5



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

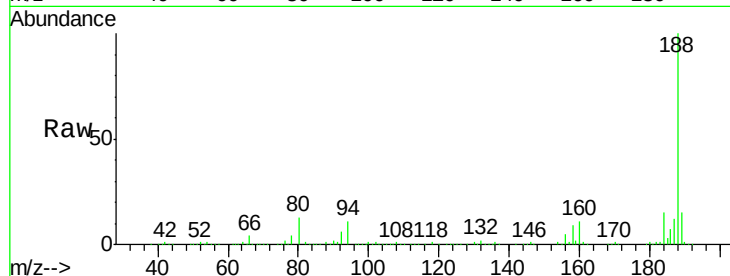




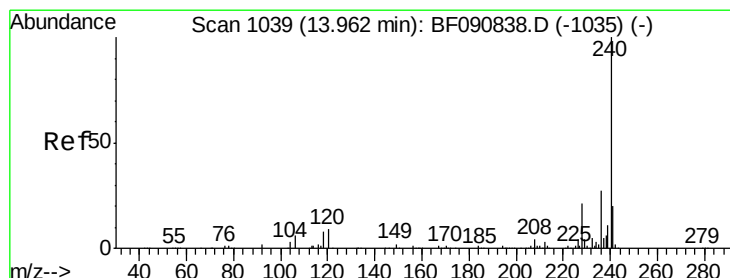
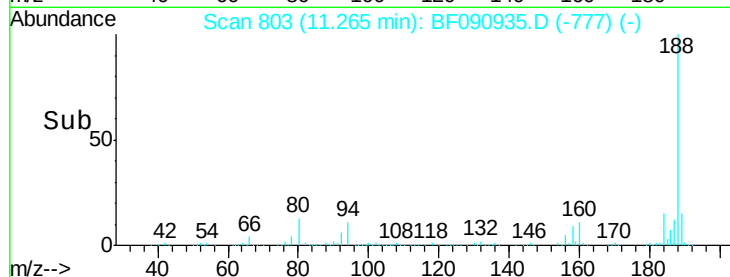
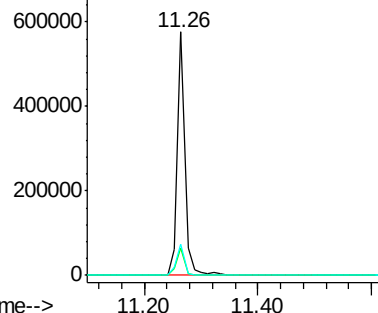
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF090935.D
Acq: 31 Oct 2016 18:27

Instrument :
BNA_F
ClientSampleId :
SB-4(12-14)

Tgt Ion:188 Resp: 514645
Ion Ratio Lower Upper
188 100
94 11.4 11.1 16.7
80 12.8 11.0 16.4

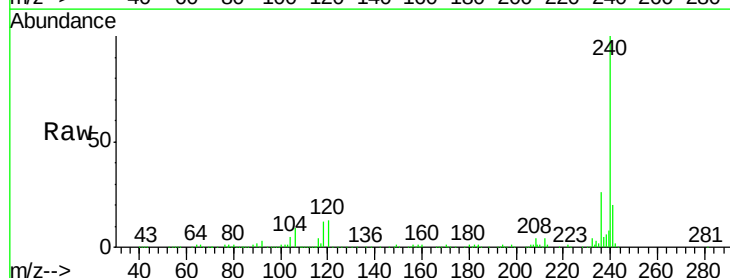


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

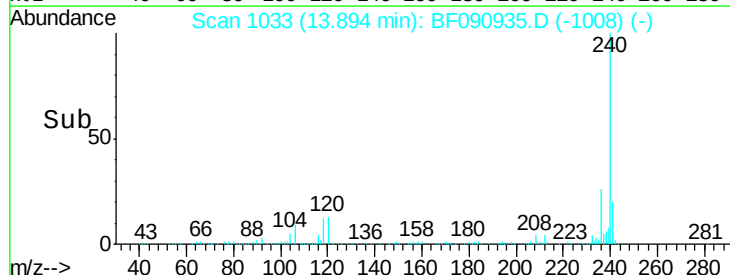
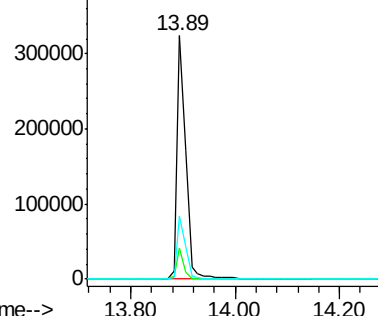


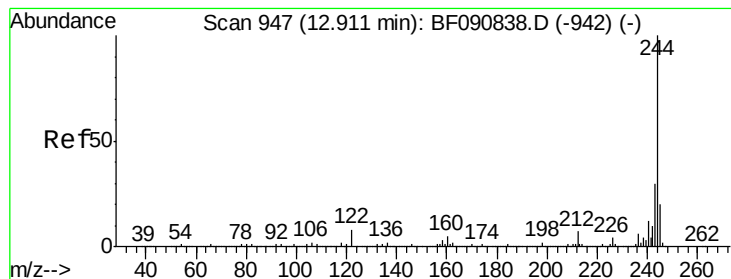
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF090935.D
Acq: 31 Oct 2016 18:27

Tgt Ion:240 Resp: 382254
Ion Ratio Lower Upper
240 100
120 12.7 16.2 24.2#
236 25.8 18.4 27.6



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: 85.43 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF090935.D

Acq: 31 Oct 2016 18:27

Instrument :

BNA_F

ClientSampleId :

SB-4(12-14)

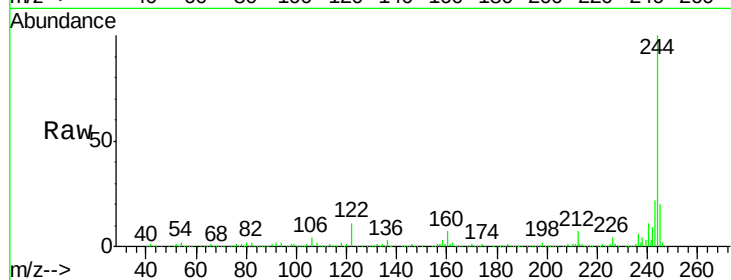
Tgt Ion:244 Resp: 1296185

Ion Ratio Lower Upper

244 100

212 7.1 4.3 6.5#

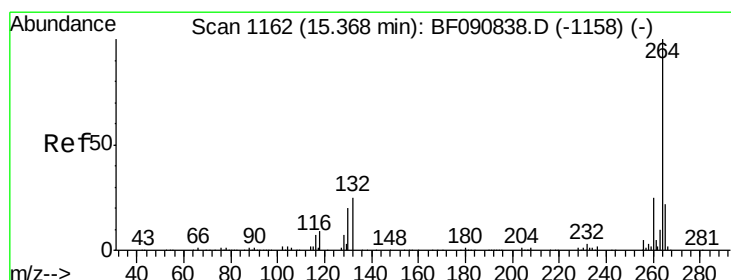
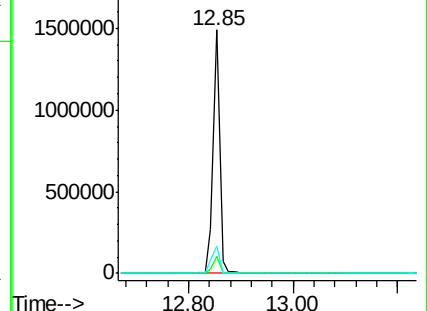
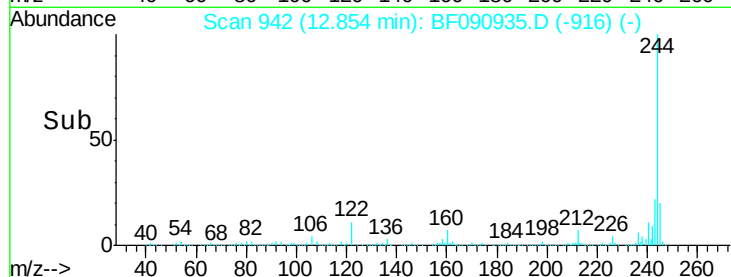
122 11.4 17.4 26.2#



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: 15.30 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF090935.D

Acq: 31 Oct 2016 18:27

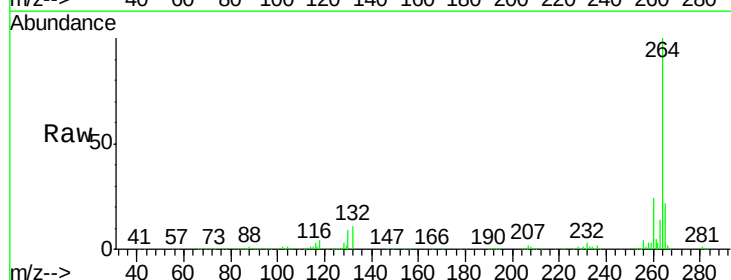
Tgt Ion:264 Resp: 302733

Ion Ratio Lower Upper

264 100

260 23.9 16.7 25.1

265 22.0 17.2 25.8



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

