

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089246.D
 Acq On : 23 Jul 2016 21:54
 Operator : UM/SJ
 Sample : H4129-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-09-5.0-7.0

Quant Time: Jul 25 04:41:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 03:29:41 2016
 Response via : Initial Calibration

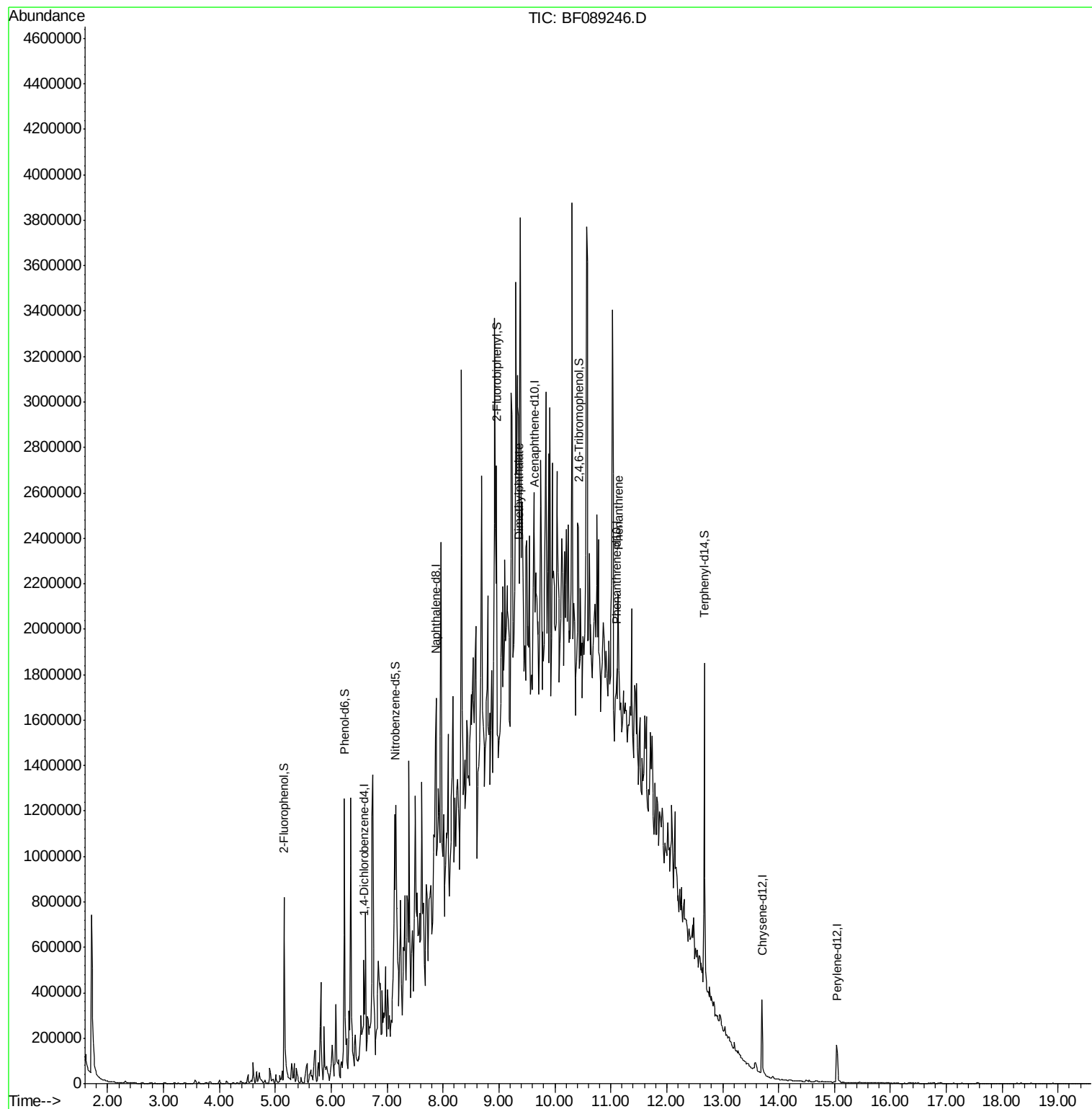
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	44933	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	168794	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	77370	20.00	ng	0.02
63) Phenanthrene-d10	11.11	188	149647	20.00	ng	0.02
75) Chrysene-d12	13.70	240	122639	20.00	ng	-0.01
86) Perylene-d12	15.04	264	91374	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	390371	132.13	ng	0.00
7) Phenol-d6	6.24	99	565467	148.42	ng	0.00
23) Nitrobenzene-d5	7.15	82	333058	104.84	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	90800	130.35	ng	0.02
44) 2-Fluorobiphenyl	8.96	172	565288	100.67	ng	0.01
78) Terphenyl-d14	12.67	244	484288	85.65	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.36	163	88689	14.94	ng	# 89
70) Phenanthrene	11.13	178	200825	24.46	ng	# 94

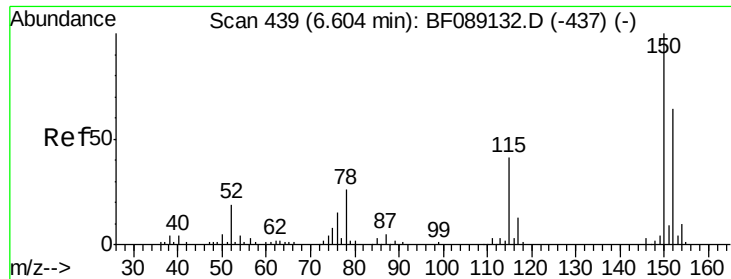
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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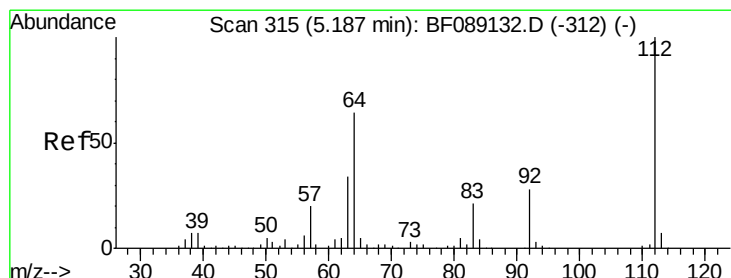
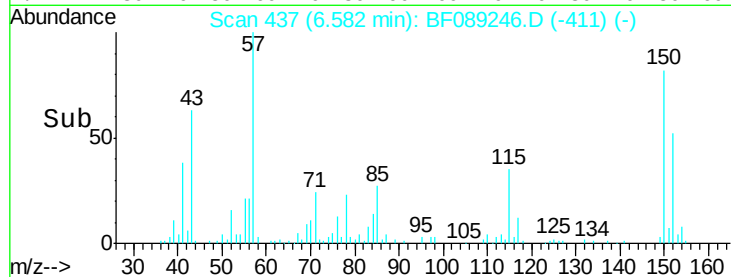
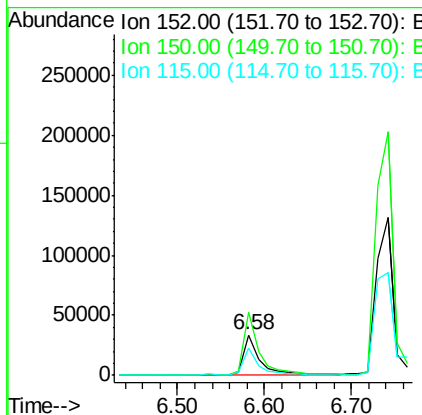
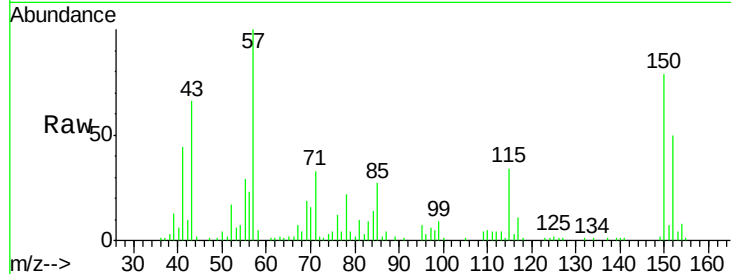


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF089246.D
Acq: 23 Jul 2016 21:54

Instrument :
BNA_F
ClientSampleId :
KSB-09-5.0-7.0

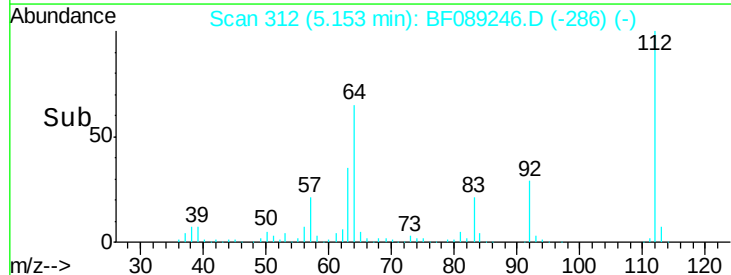
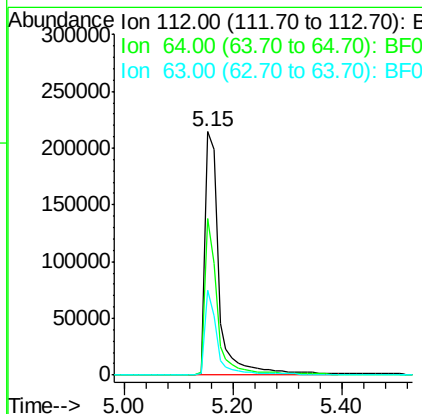
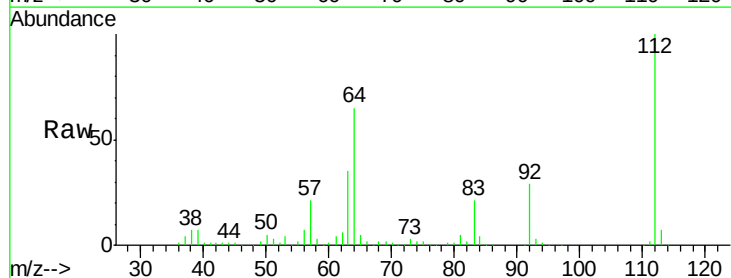
Tgt Ion:152 Resp: 44933
Ion Ratio Lower Upper
152 100
150 157.2 125.1 187.7
115 67.1 51.1 76.7

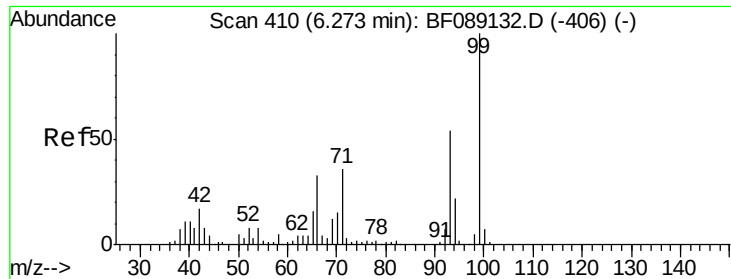


#5

2-Fluorophenol
Concen: 132.13 ng
RT: 5.15 min Scan# 312
Delta R.T. 0.00 min
Lab File: BF089246.D
Acq: 23 Jul 2016 21:54

Tgt Ion:112 Resp: 390371
Ion Ratio Lower Upper
112 100
64 64.5 51.0 76.4
63 34.6 27.3 40.9





#7

Phenol-d6

Concen: 148.42 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

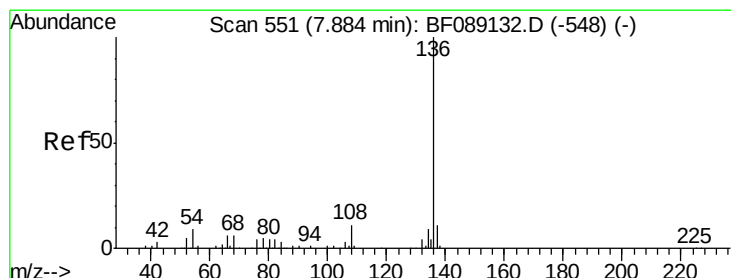
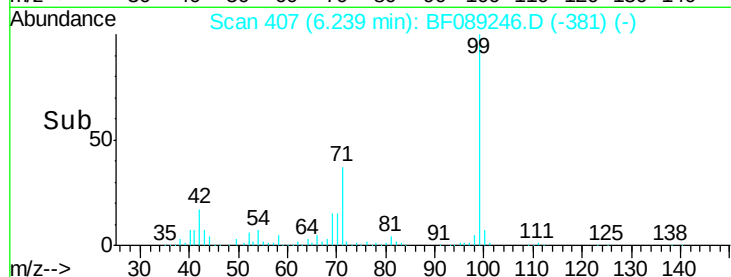
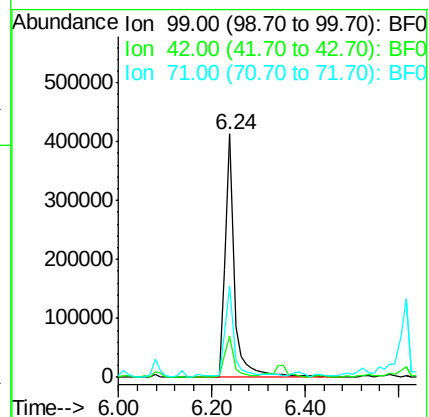
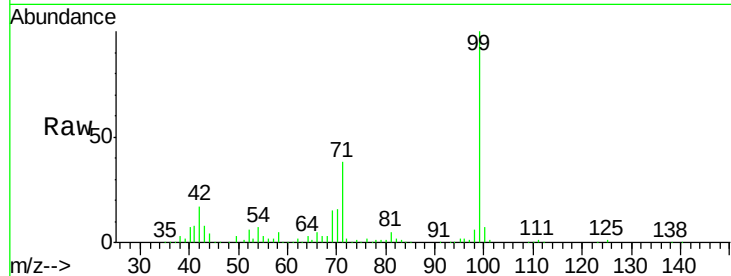
Tgt Ion: 99 Resp: 565467

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

71 37.7 28.9 43.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

Tgt Ion: 136 Resp: 168794

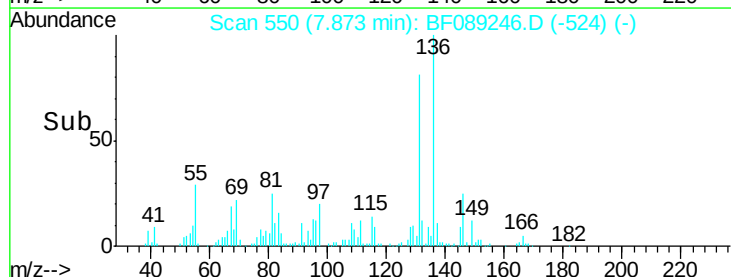
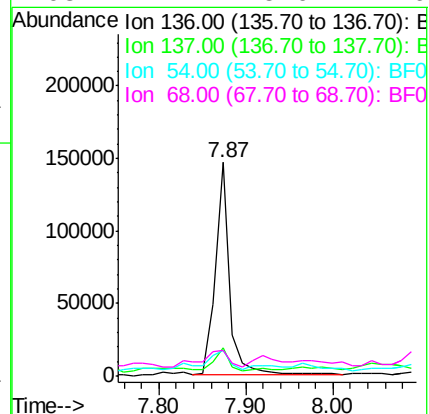
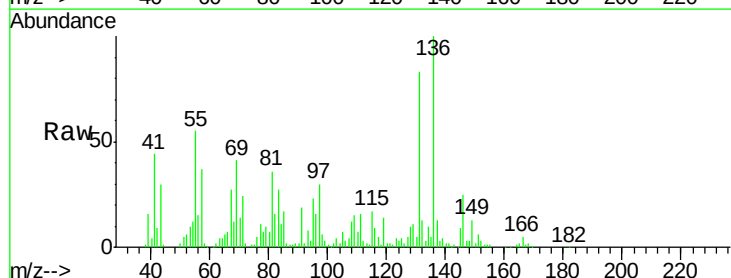
Ion Ratio Lower Upper

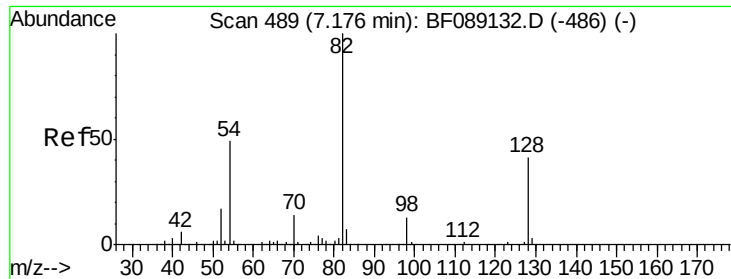
136 100

137 13.0 8.8 13.2

54 12.2 7.0 10.4#

68 12.1 5.0 7.6#

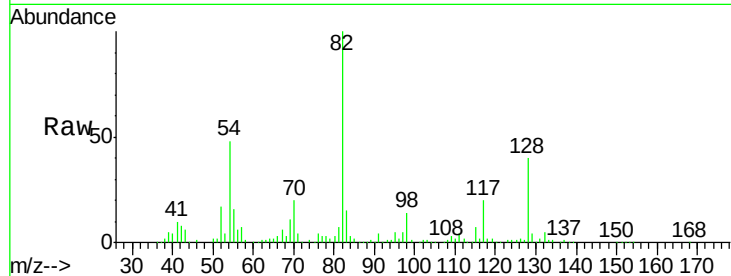




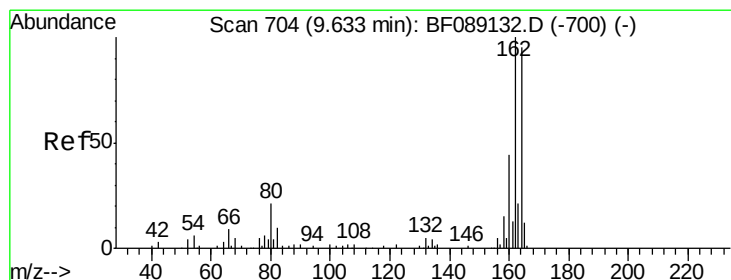
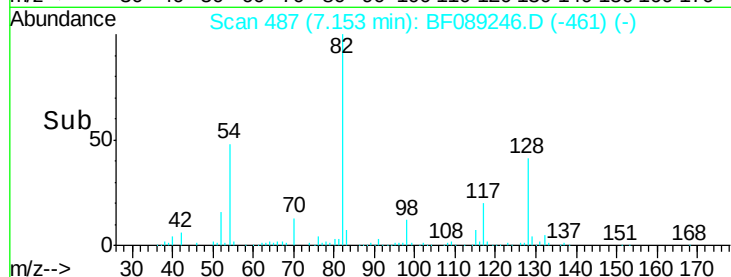
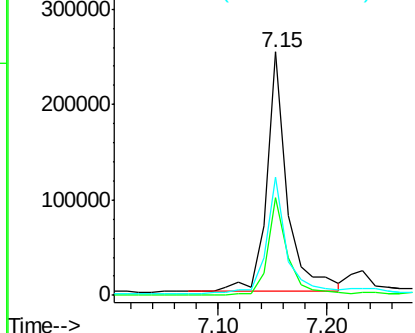
#23
 Nitrobenzene-d5
 Concen: 104.84 ng
 RT: 7.15 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: BF089246.D
 Acq: 23 Jul 2016 21:54

Instrument :
 BNA_F
 ClientSampleId :
 KSB-09-5.0-7.0

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.1	33.0	49.6
54	48.5	39.0	58.4

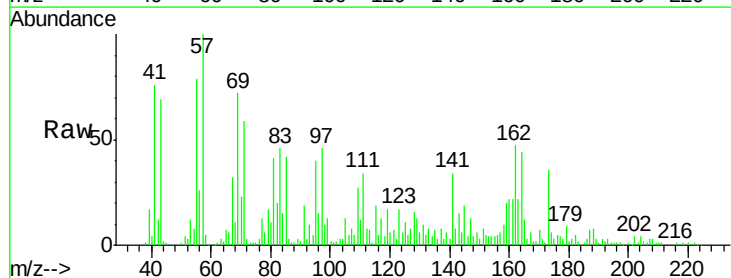


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

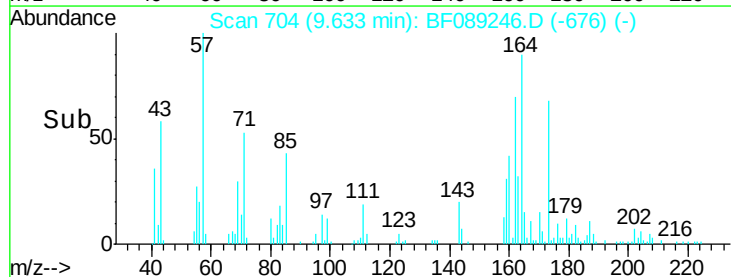
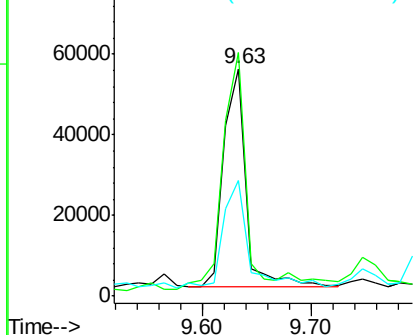


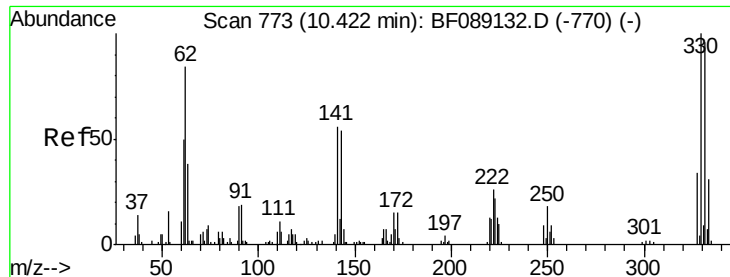
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.02 min
 Lab File: BF089246.D
 Acq: 23 Jul 2016 21:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.3	84.1	126.1
160	51.1	37.1	55.7



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

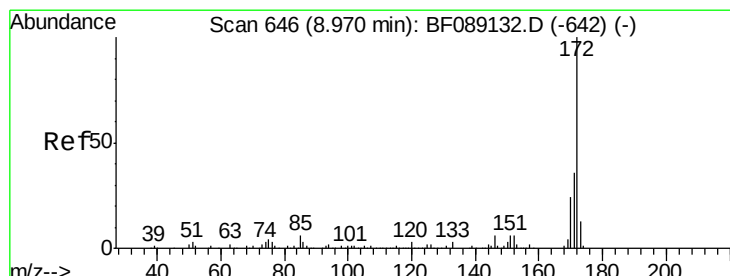
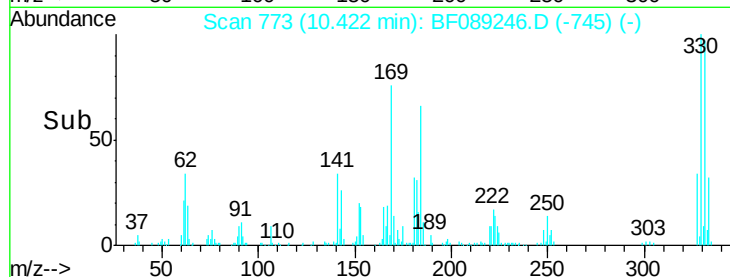
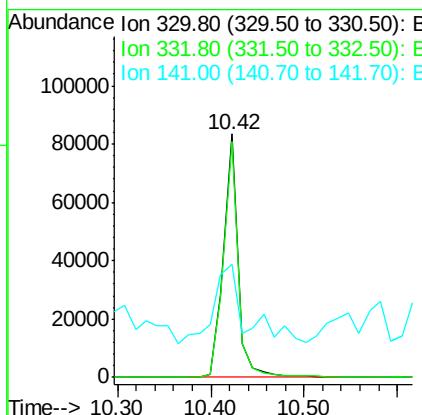
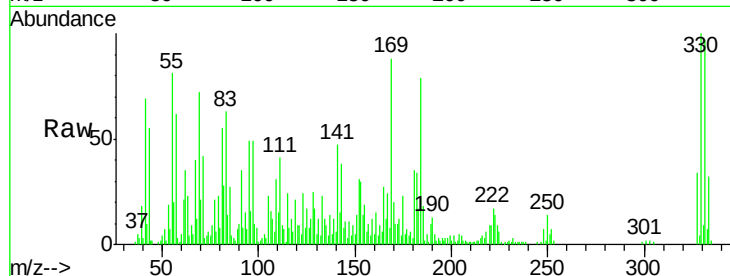




#41
 2,4,6-Tribromophenol
 Concen: 130.35 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.02 min
 Lab File: BF089246.D
 Acq: 23 Jul 2016 21:54

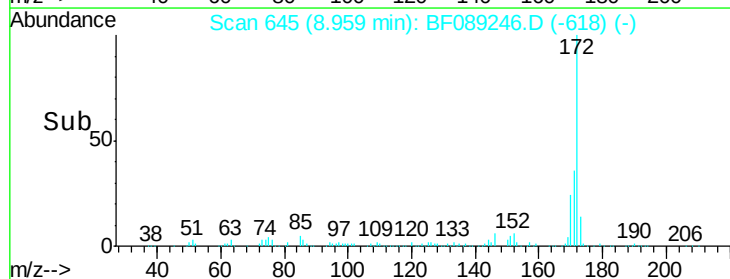
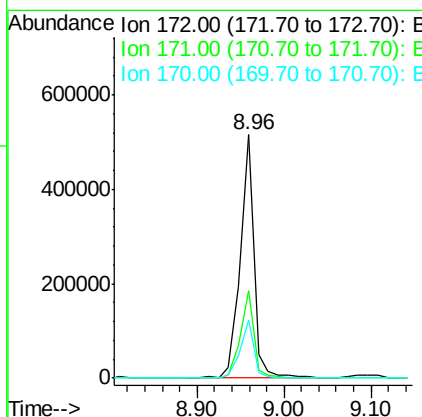
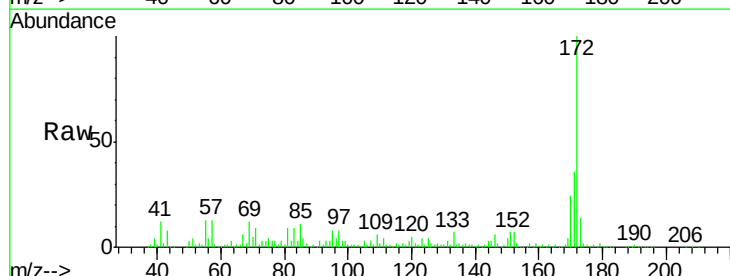
Instrument :
 BNA_F
 ClientSampleId :
 KSB-09-5.0-7.0

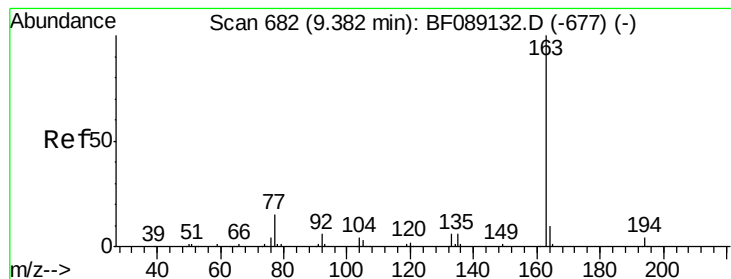
Tgt Ion:330 Resp: 90800
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.2 115.8
 141 55.3 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 100.67 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF089246.D
 Acq: 23 Jul 2016 21:54

Tgt Ion:172 Resp: 565288
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.7 19.1 28.7





#49

Dimethylphthalate

Concen: 14.94 ng

RT: 9.36 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

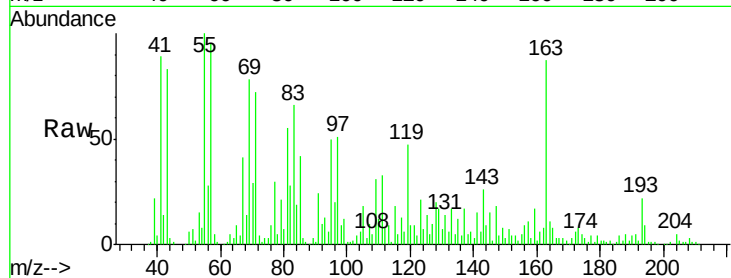
Tgt Ion:163 Resp: 88689

Ion Ratio Lower Upper

163 100

194 10.2 2.9 4.3#

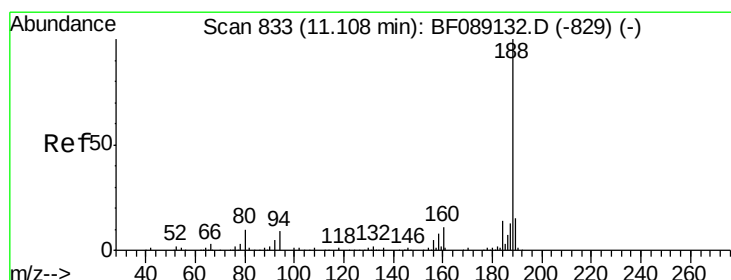
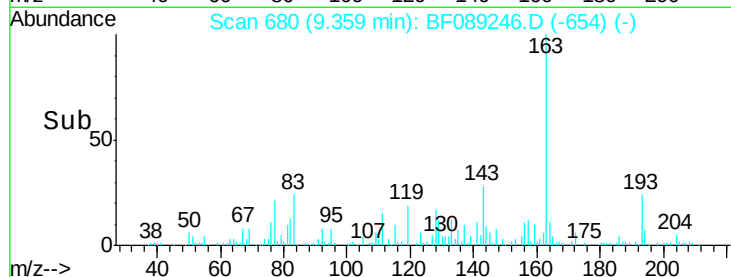
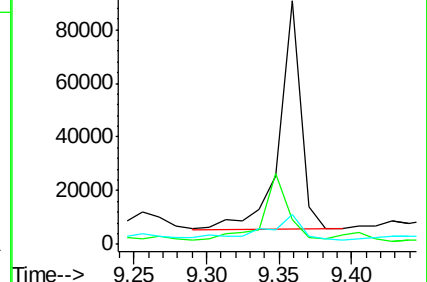
164 12.2 7.6 11.4#



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: 11.11 min Scan# 833

Delta R.T. 0.02 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

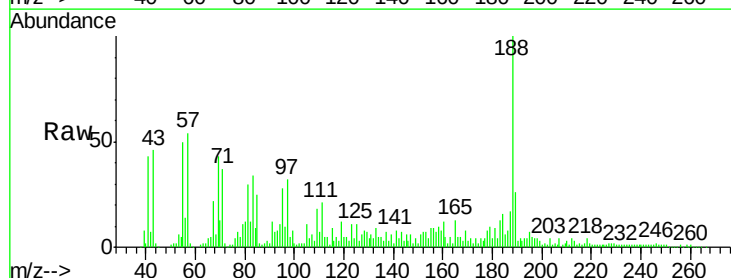
Tgt Ion:188 Resp: 149647

Ion Ratio Lower Upper

188 100

94 11.4 7.0 10.4#

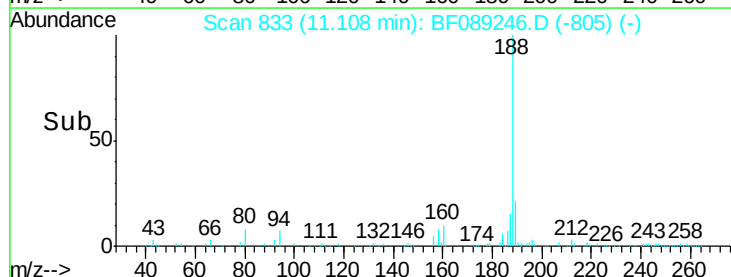
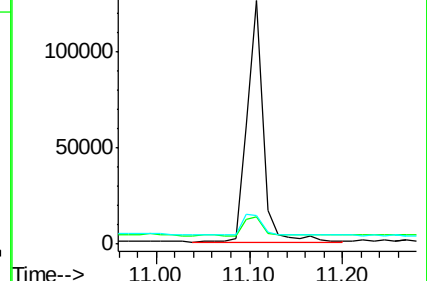
80 11.7 7.7 11.5#

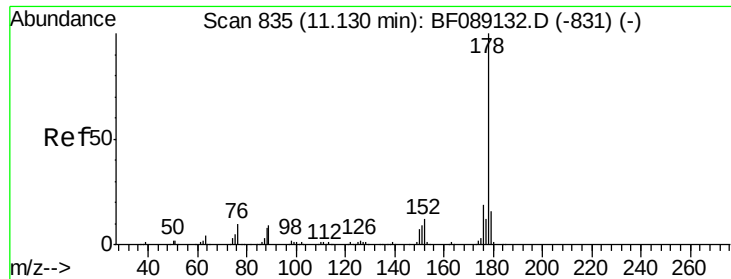


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 24.46 ng

RT: 11.13 min Scan# 835

Delta R.T. 0.02 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

Instrument :

BNA_F

ClientSampleId :

KSB-09-5.0-7.0

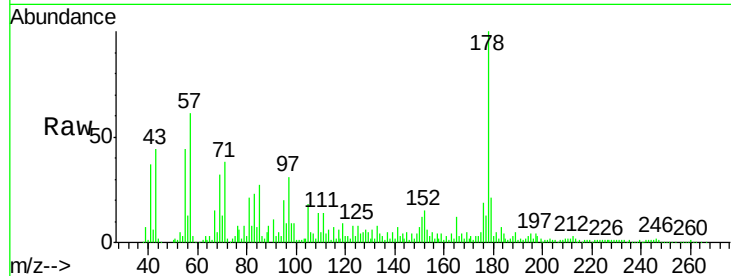
Tgt Ion:178 Resp: 200825

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

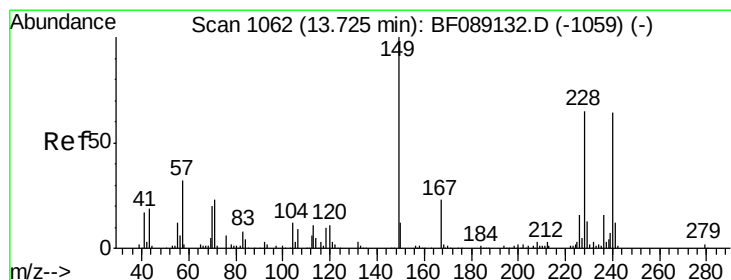
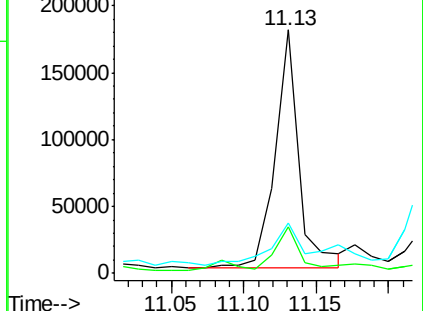
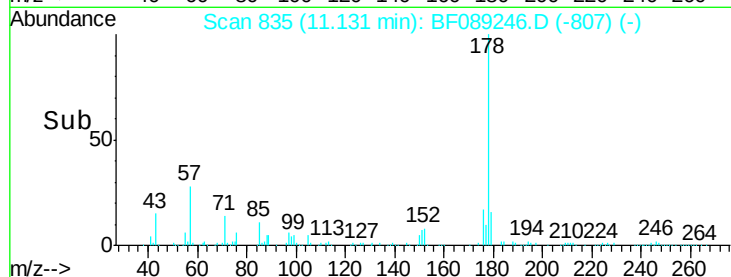
179 20.8 12.4 18.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

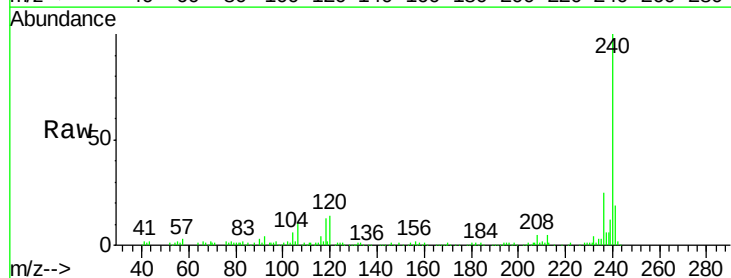
Tgt Ion:240 Resp: 122639

Ion Ratio Lower Upper

240 100

120 14.4 13.6 20.4

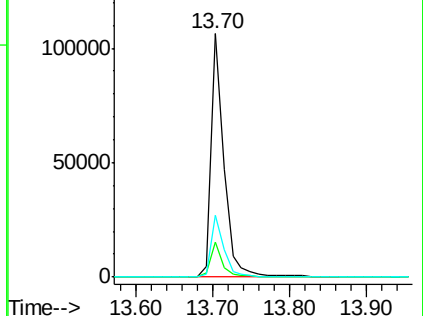
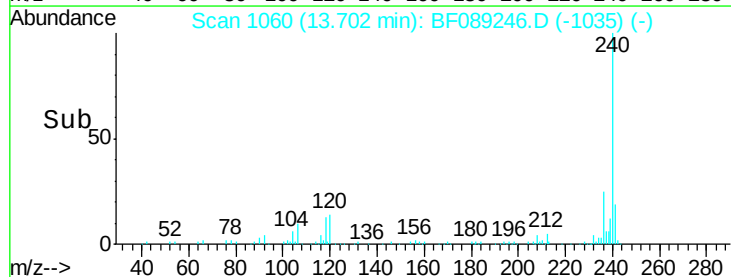
236 25.4 20.5 30.7

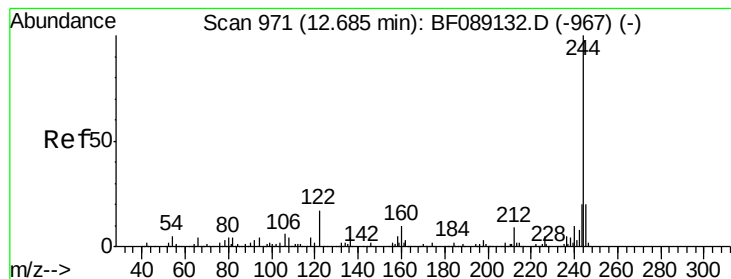


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.65 ng

RT: 12.67 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

Instrument :

BNA_F

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KSB-09-5.0-7.0

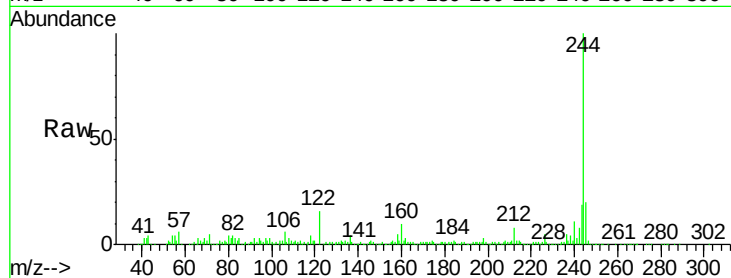
Tgt Ion:244 Resp: 484288

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

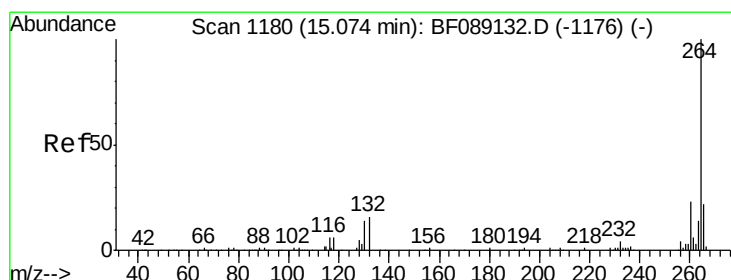
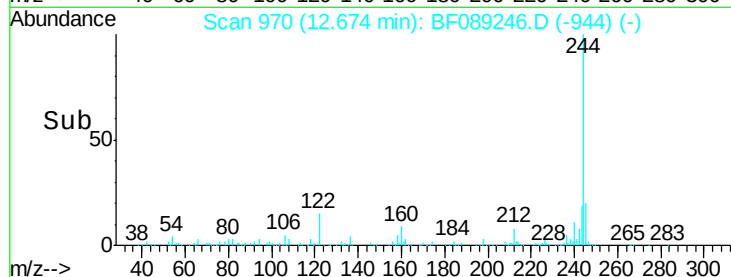
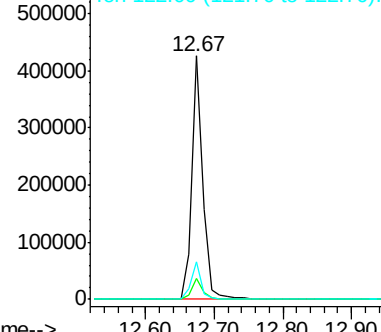
122 15.6 13.8 20.8



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: 15.04 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF089246.D

Acq: 23 Jul 2016 21:54

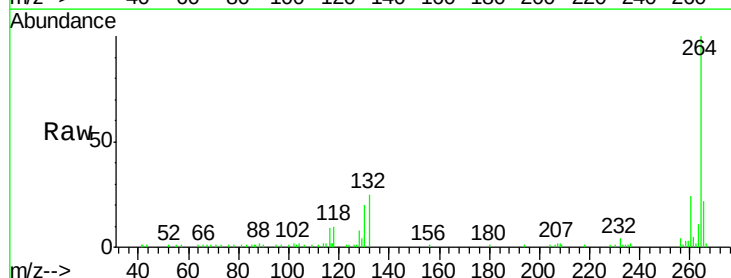
Tgt Ion:264 Resp: 91374

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 21.9 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

