

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
 Data File : BF086800.D
 Acq On : 8 May 2016 3:49
 Operator : UM/SJ
 Sample : H2866-02
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9918-B

Quant Time: May 08 04:31:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 23:59:39 2016
 Response via : Initial Calibration

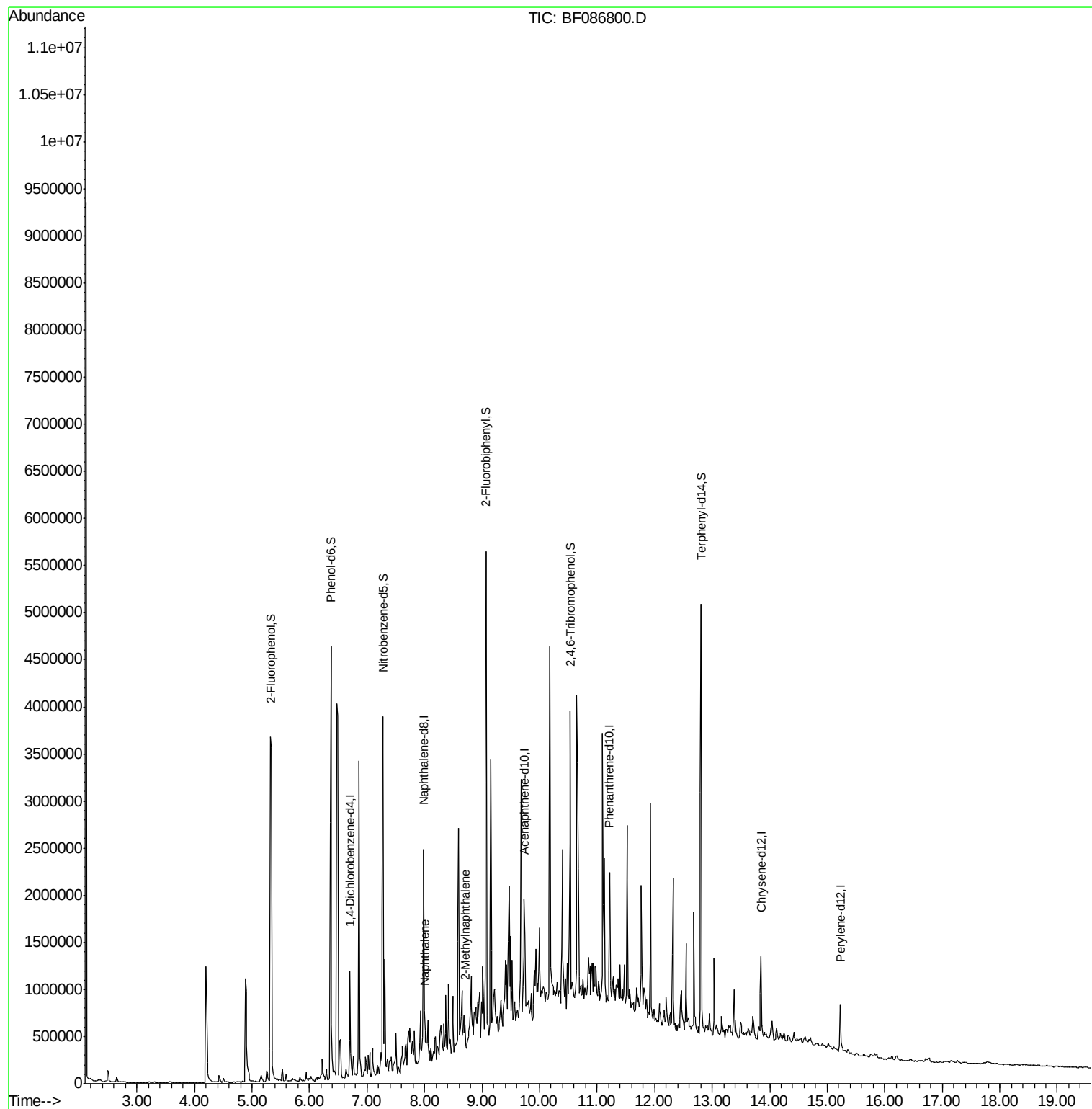
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	167295	40.00	ng	0.00
21) Naphthalene-d8	7.98	136	627827	40.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	283185	40.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	494416	40.00	ng	0.00
75) Chrysene-d12	13.85	240	343067	40.00	ng	0.00
86) Perylene-d12	15.23	264	290142	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1389788	137.53	ng	0.03
7) Phenol-d6	6.37	99	1684506	123.75	ng	0.00
23) Nitrobenzene-d5	7.28	82	1256874	102.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	445167	160.70	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1905839	110.32	ng	0.00
78) Terphenyl-d14	12.81	244	1614722	95.12	ng	0.00
Target Compounds						
31) Naphthalene	8.01	128	96410	3.01	ng	Qvalue # 94
37) 2-Methylnaphthalene	8.70	142	104854	5.54	ng	97

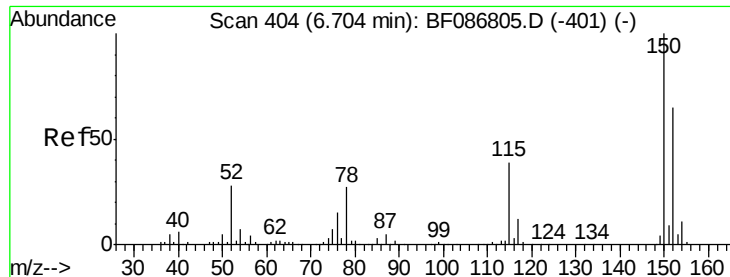
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF086800.D

Acq: 8 May 2016 3:49

Instrument :

BNA_F

ClientSampleId :

LAR9918-B

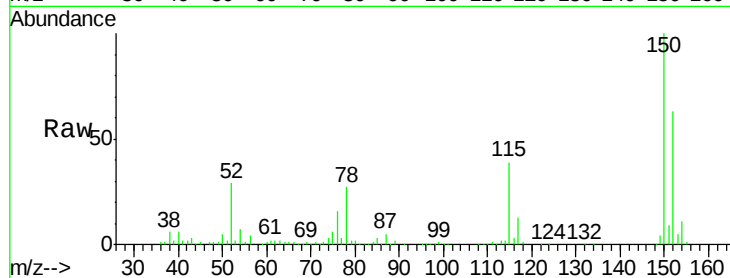
Tgt Ion:152 Resp: 167295

Ion Ratio Lower Upper

152 100

150 157.8 125.8 188.6

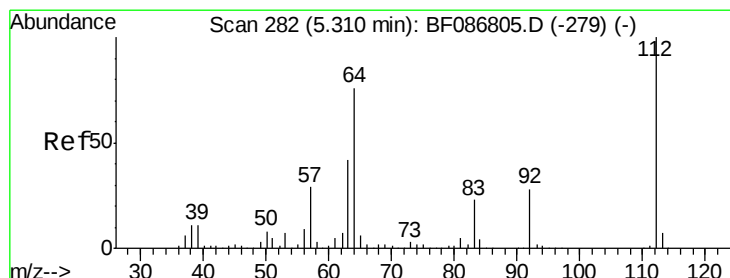
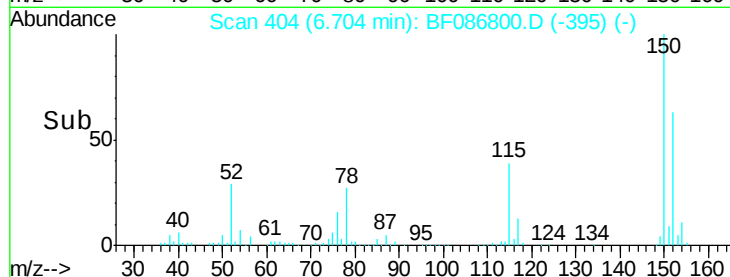
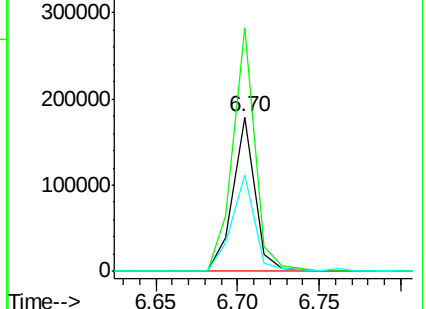
115 62.3 51.5 77.3



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: 137.53 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.03 min

Lab File: BF086800.D

Acq: 8 May 2016 3:49

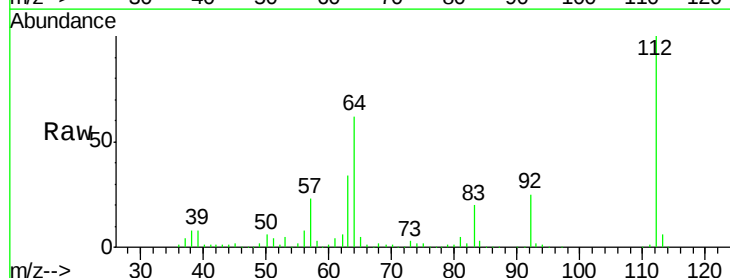
Tgt Ion:112 Resp: 1389788

Ion Ratio Lower Upper

112 100

64 61.6 52.1 78.1

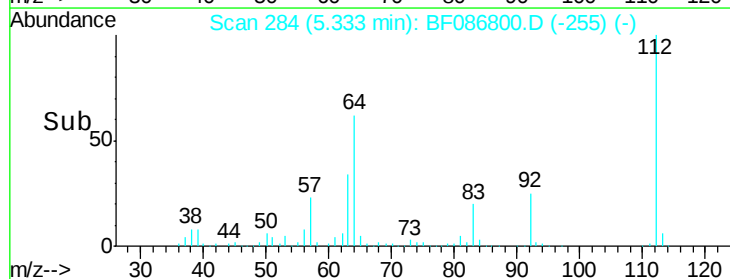
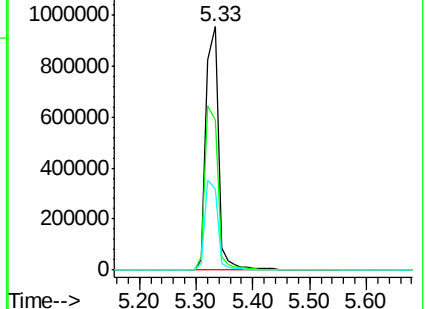
63 33.5 25.7 38.5

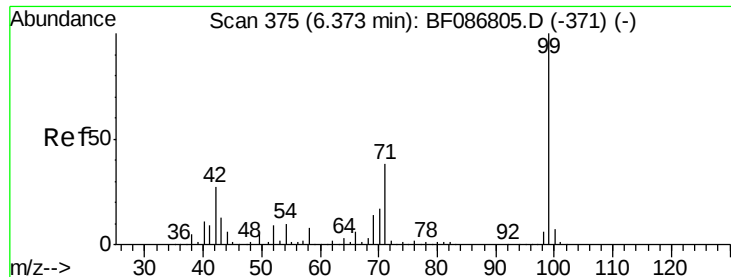


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.75 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF086800.D

Acq: 8 May 2016 3:49

Instrument :

BNA_F

ClientSampleId :

LAR9918-B

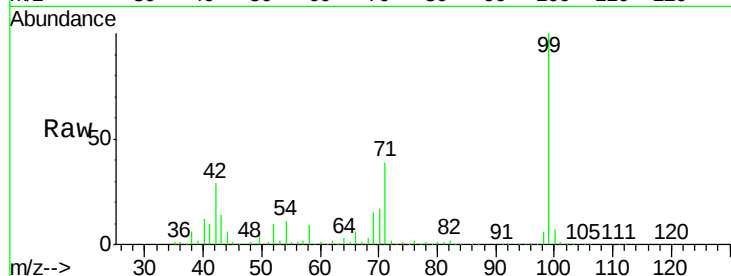
Tgt Ion: 99 Resp: 1684506

Ion Ratio Lower Upper

99 100

42 29.1 13.6 20.4#

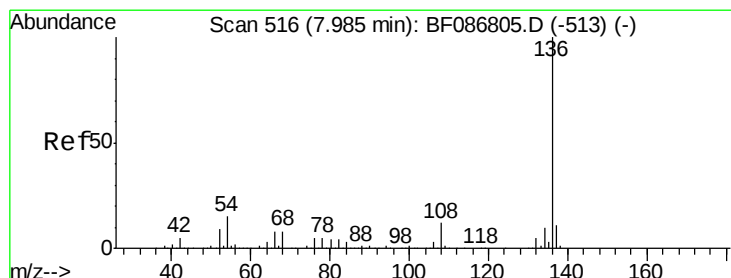
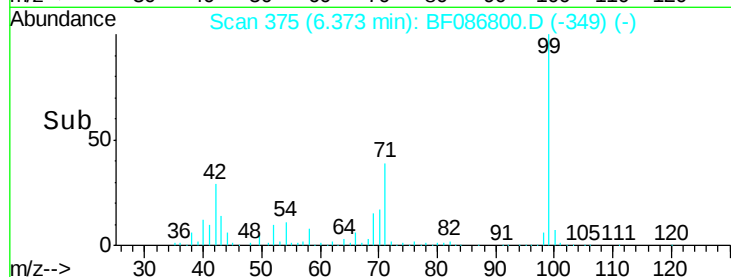
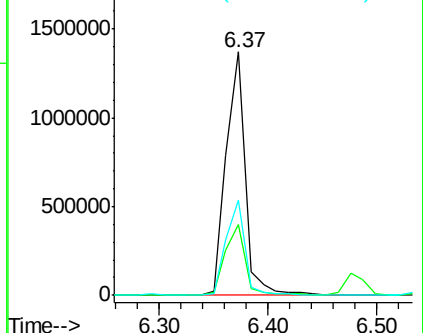
71 39.2 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 40.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF086800.D

Acq: 8 May 2016 3:49

Tgt Ion: 136 Resp: 627827

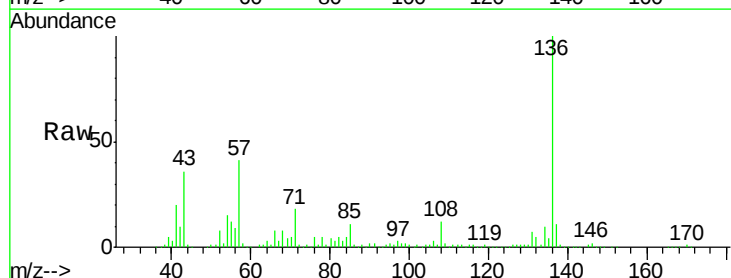
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 14.6 5.0 7.4#

68 7.9 4.4 6.6#

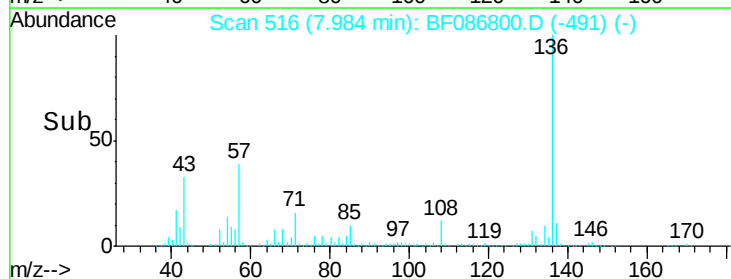
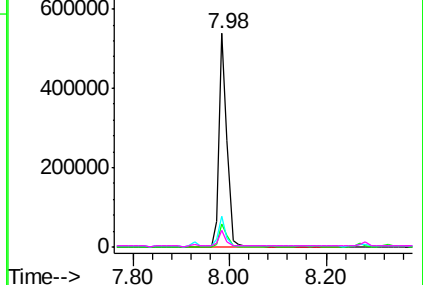


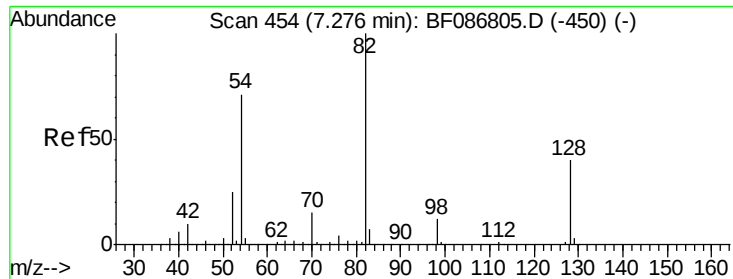
Abundance Ion 136.00 (135.70 to 136.70): E

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

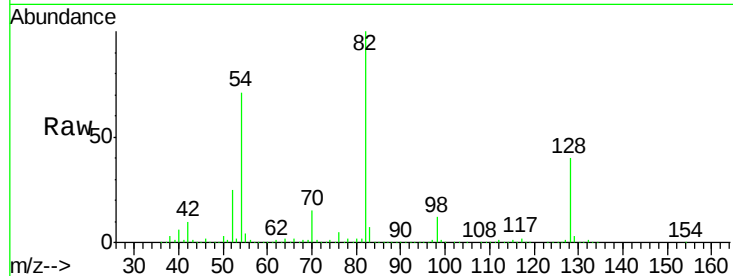




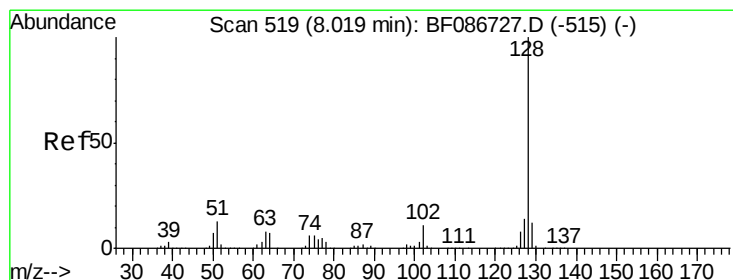
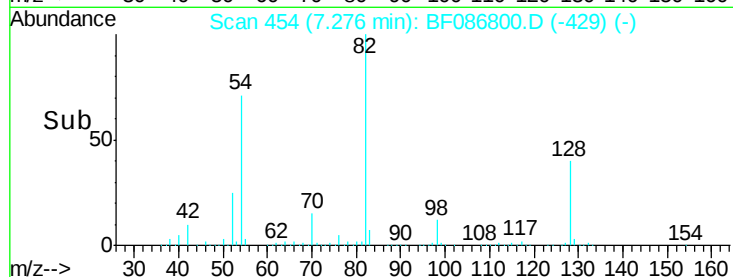
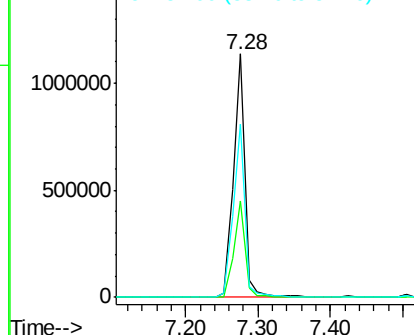
#23
 Nitrobenzene-d5
 Concen: 102.88 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086800.D
 Acq: 8 May 2016 3:49

Instrument :
 BNA_F
 ClientSampleId :
 LAR9918-B

Tgt Ion: 82 Resp: 1256874
 Ion Ratio Lower Upper
 82 100
 128 39.6 40.6 61.0#
 54 71.1 38.1 57.1#

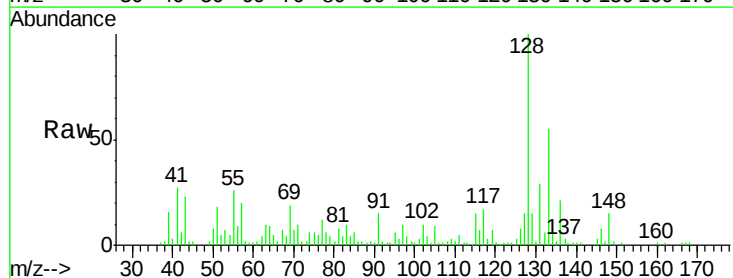


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

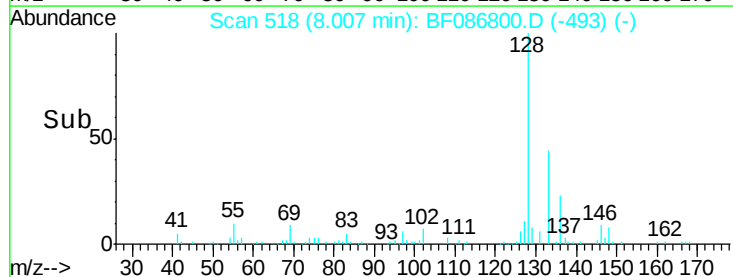
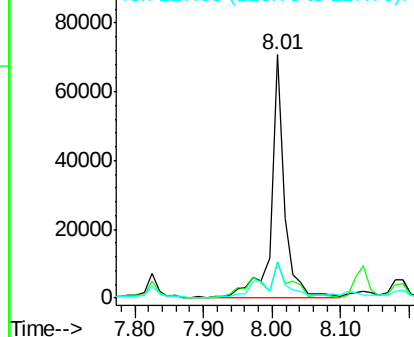


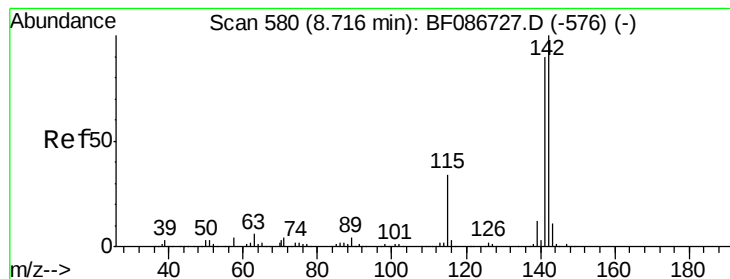
#31
 Naphthalene
 Concen: 3.01 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF086800.D
 Acq: 8 May 2016 3:49

Tgt Ion: 128 Resp: 96410
 Ion Ratio Lower Upper
 128 100
 129 14.8 8.6 13.0#
 127 14.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 5.54 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF086800.D

Acq: 8 May 2016 3:49

Instrument :

BNA_F

ClientSampleId :

LAR9918-B

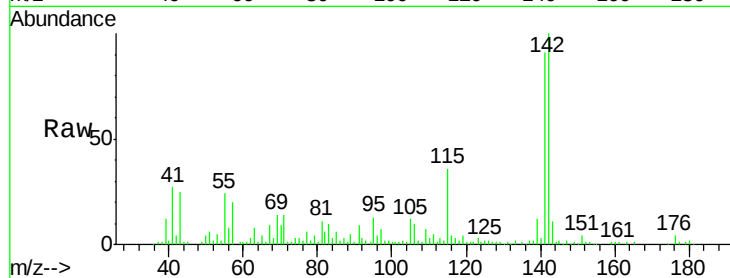
Tgt Ion:142 Resp: 104854

Ion Ratio Lower Upper

142 100

141 90.6 71.0 106.6

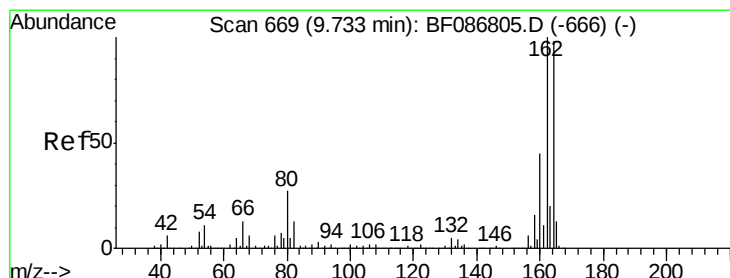
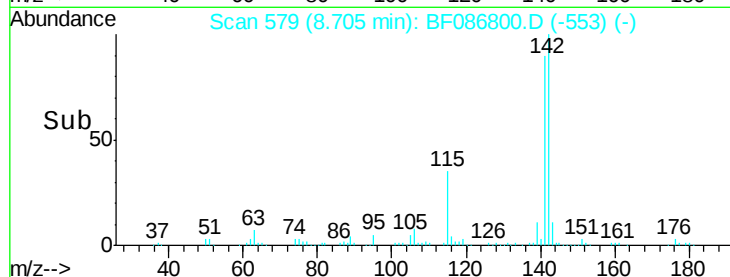
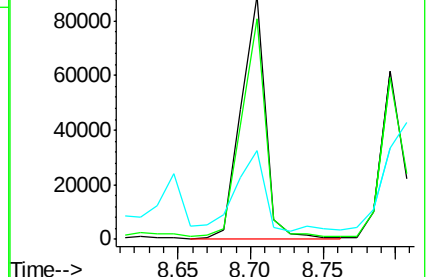
115 36.2 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF086800.D

Acq: 8 May 2016 3:49

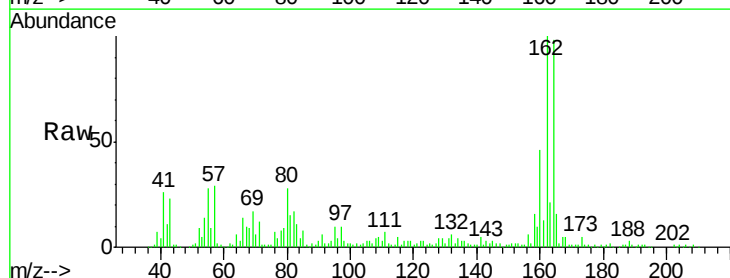
Tgt Ion:164 Resp: 283185

Ion Ratio Lower Upper

164 100

162 102.1 82.8 124.2

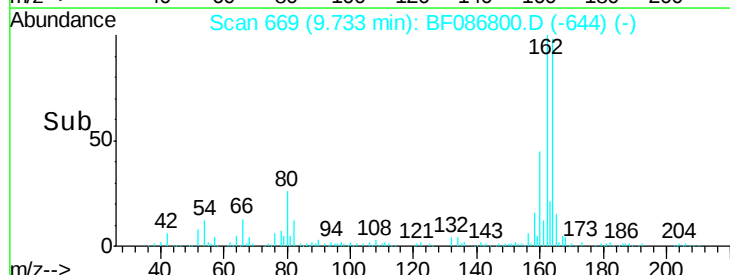
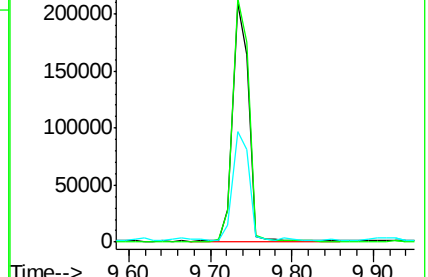
160 46.5 36.9 55.3

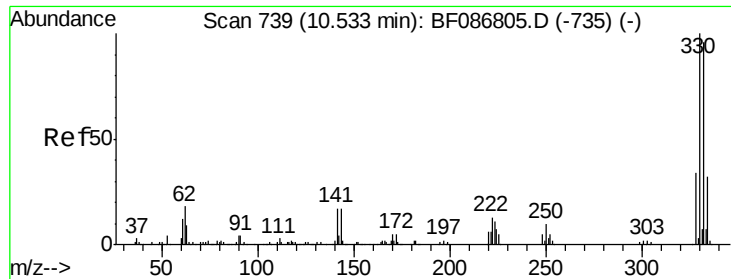


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

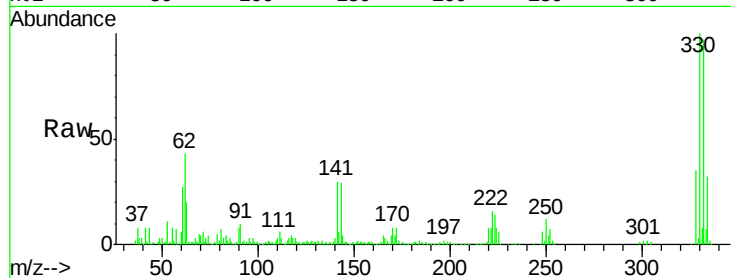




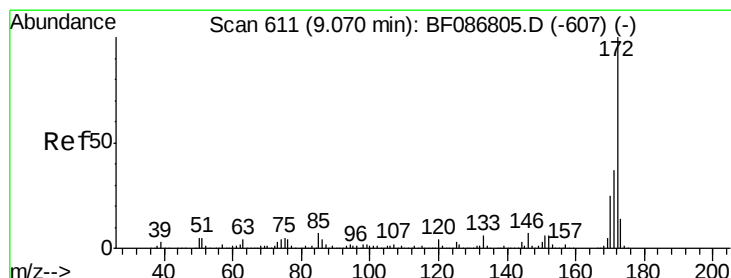
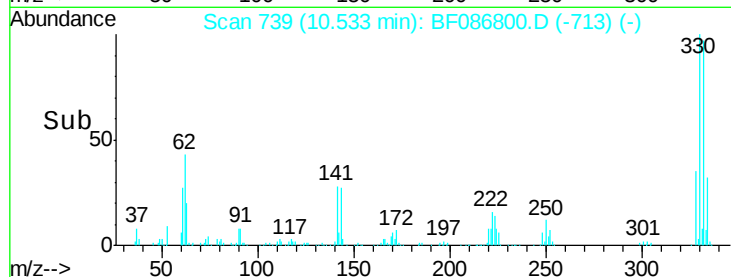
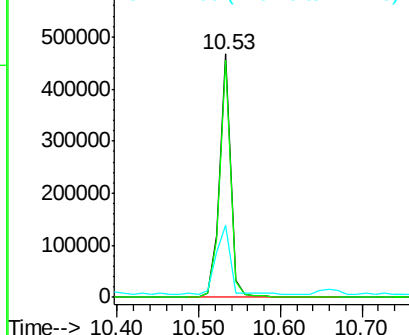
#41
 2,4,6-Tribromophenol
 Concen: 160.70 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF086800.D
 Acq: 8 May 2016 3:49

Instrument :
 BNA_F
 ClientSampleId :
 LAR9918-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.0	118.4
141	38.5	31.2	46.8

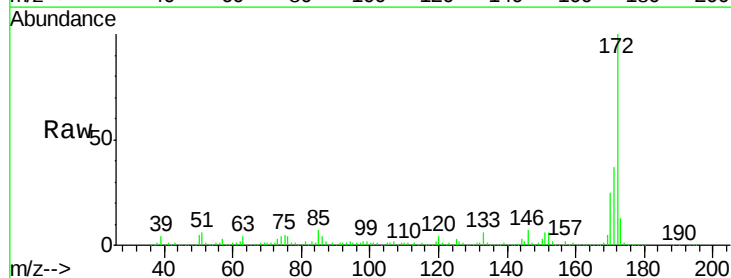


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

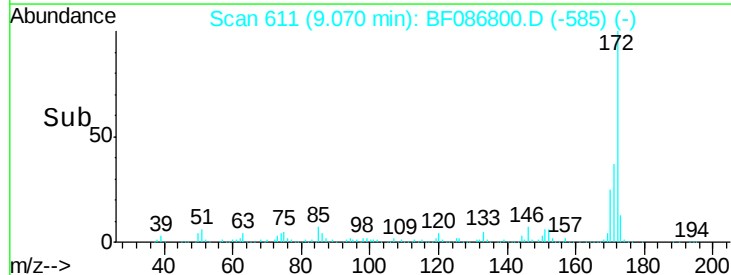
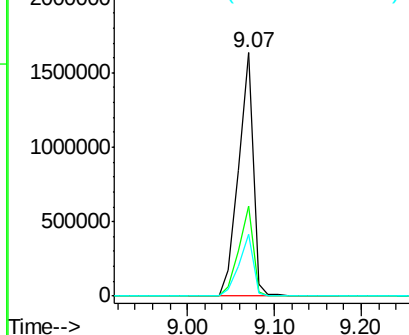


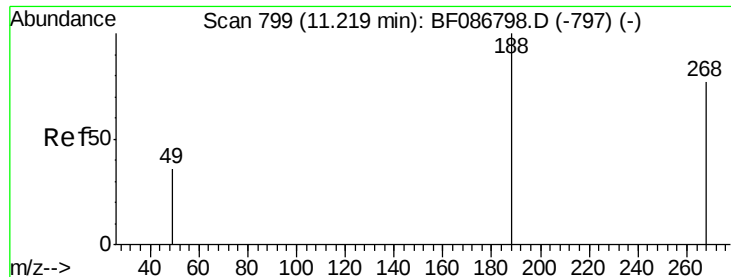
#44
 2-Fluorobiphenyl
 Concen: 110.32 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF086800.D
 Acq: 8 May 2016 3:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	25.2	19.8	29.8



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

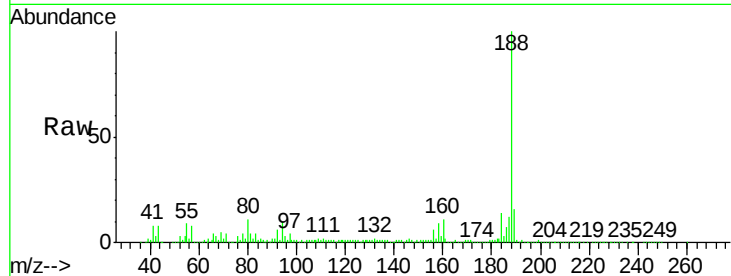




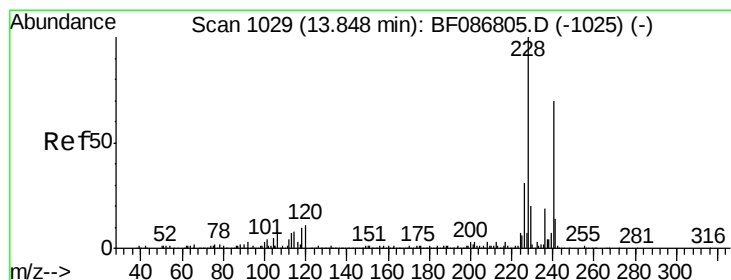
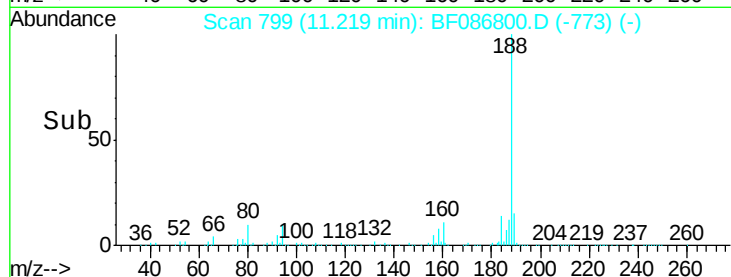
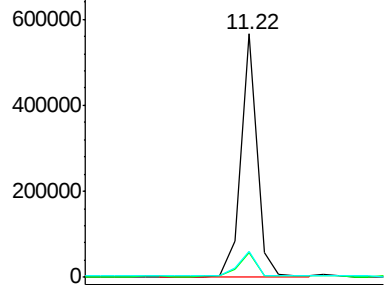
#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF086800.D
 Acq: 8 May 2016 3:49

Instrument :
 BNA_F
 ClientSampleId :
 LAR9918-B

Tgt Ion:188 Resp: 494416
 Ion Ratio Lower Upper
 188 100
 94 10.2 6.8 10.2#
 80 10.7 7.1 10.7

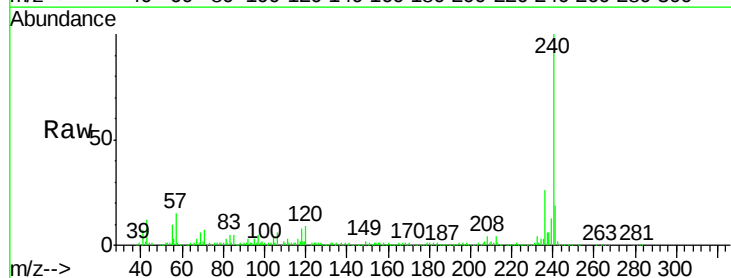


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

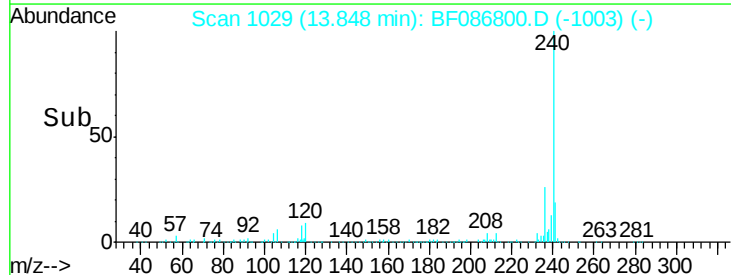
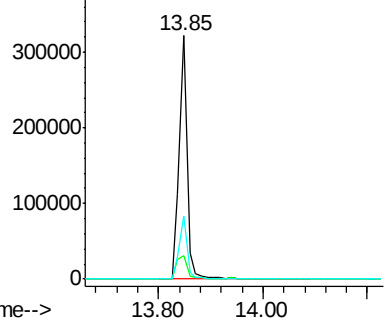


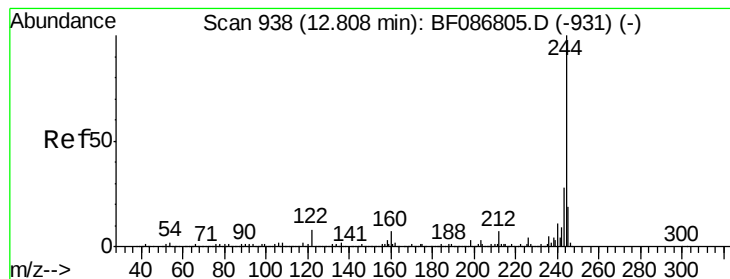
#75
 Chrysene-d12
 Concen: 40.00 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF086800.D
 Acq: 8 May 2016 3:49

Tgt Ion:240 Resp: 343067
 Ion Ratio Lower Upper
 240 100
 120 9.4 11.2 16.8#
 236 26.0 21.2 31.8



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: 95.12 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF086800.D

Acq: 8 May 2016 3:49

Instrument :

BNA_F

ClientSampleId :

LAR9918-B

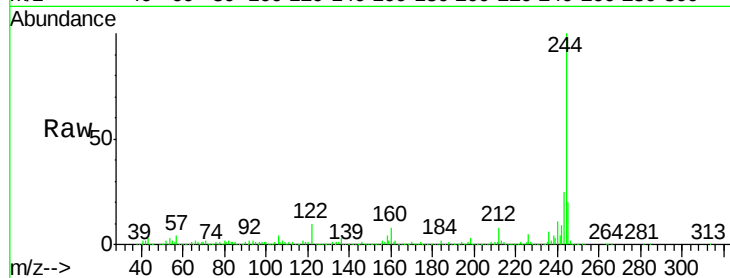
Tgt Ion:244 Resp: 1614722

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

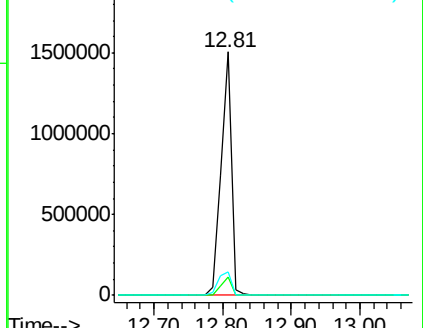
122 9.9 12.0 18.0#



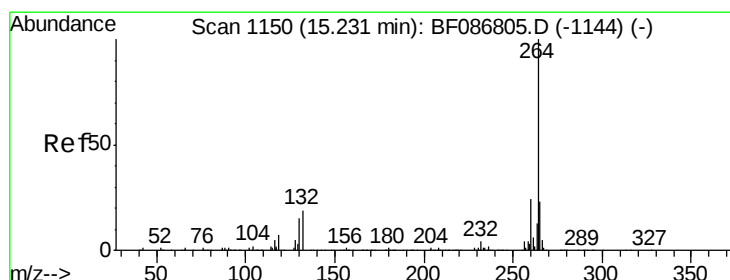
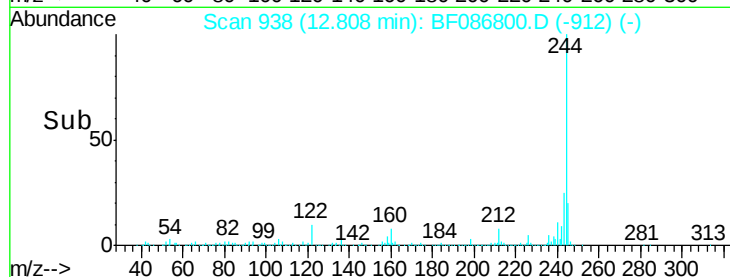
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 40.00 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF086800.D

Acq: 8 May 2016 3:49

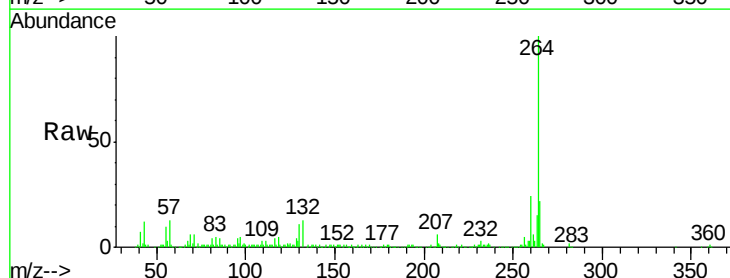
Tgt Ion:264 Resp: 290142

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

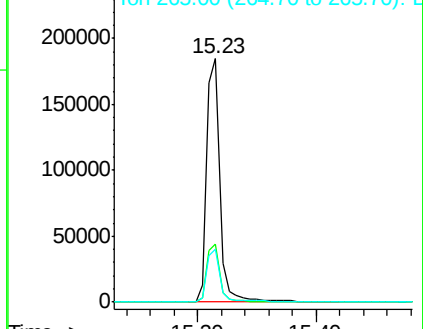
265 21.5 17.3 25.9



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



Time-->

