

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
 Data File : BF077388.D
 Acq On : 20 Feb 2015 18:14
 Operator : TP/IZ
 Sample : G1233-05RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VMA4(9.5-10)RE

Quant Time: Feb 23 12:28:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 20 23:55:25 2015
 Response via : Initial Calibration

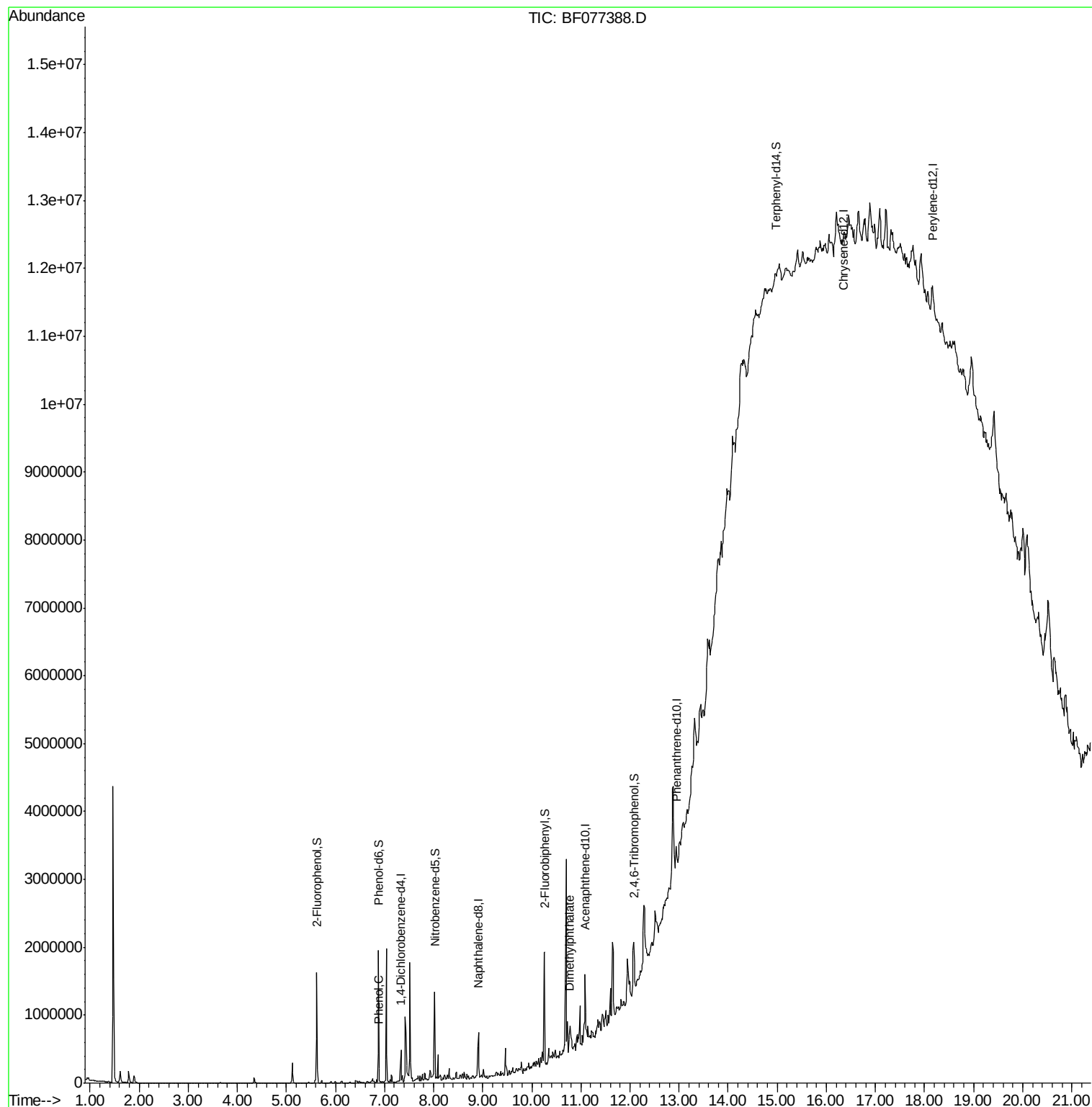
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	83606	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	328957	20.00	ng	0.00
38) Acenaphthene-d10	11.08	164	165178	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	289881	20.00	ng	0.01
75) Chrysene-d12	16.34	240	104063m	20.00	ng	0.11
86) Perylene-d12	18.17	264	118673	20.00	ng	0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	500285	99.90	ng	0.00
7) Phenol-d6	6.88	99	626715	97.33	ng	0.00
23) Nitrobenzene-d5	8.02	82	382539	72.31	ng	0.00
41) 2,4,6-Tribromophenol	12.08	330	163238	102.64	ng	0.01
44) 2-Fluorobiphenyl	10.26	172	833074	78.64	ng	0.00
78) Terphenyl-d14	14.97	244	456354m	102.52	ng	0.03
Target Compounds						
10) Phenol	6.89	94	19645	2.57	ng	Qvalue 86
49) Dimethylphthalate	10.76	163	65315	5.63	ng	# 98

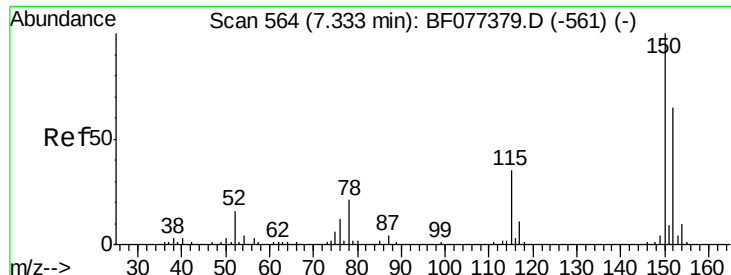
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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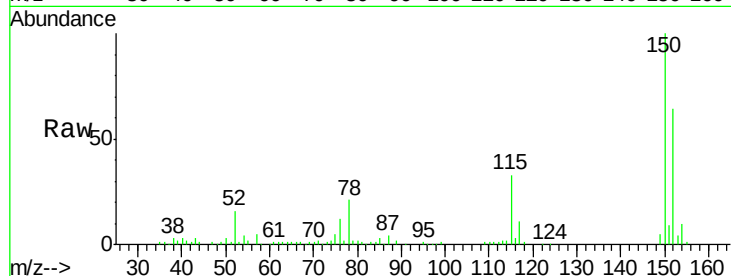


#1

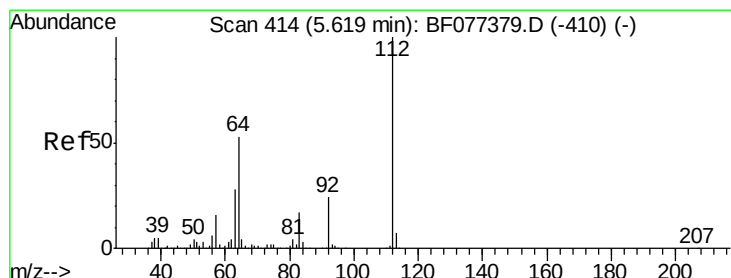
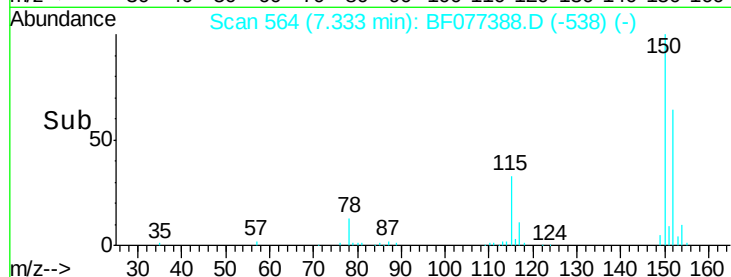
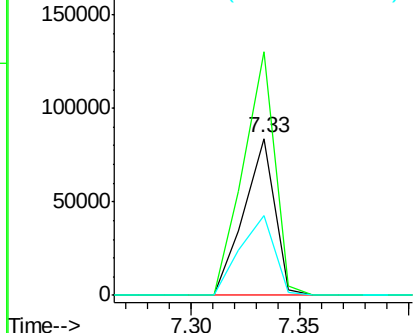
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.33 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF077388.D
 Acq: 20 Feb 2015 18:14

Instrument :
 BNA_F
 ClientSampleId :
 VMA4(9.5-10)RE

Tgt Ion:152 Resp: 83606
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.0 186.0
 115 51.1 49.4 74.2



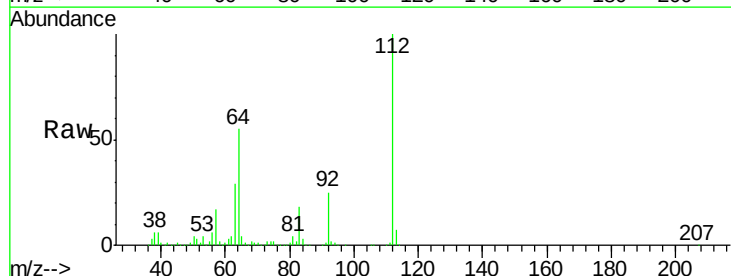
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



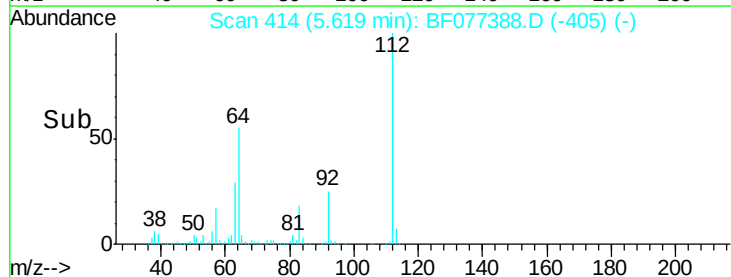
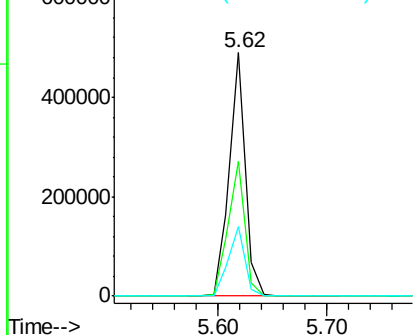
#5

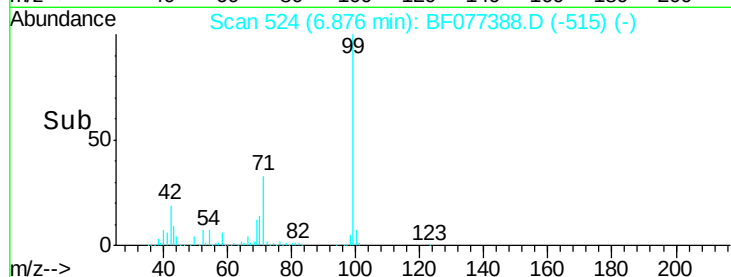
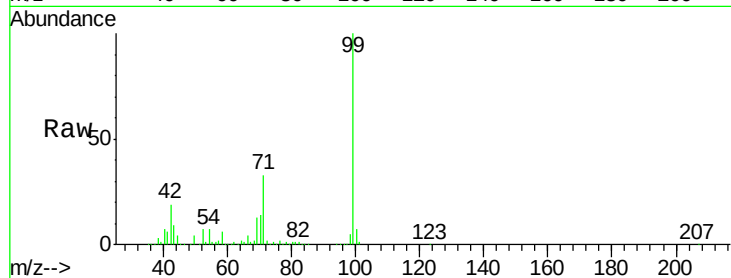
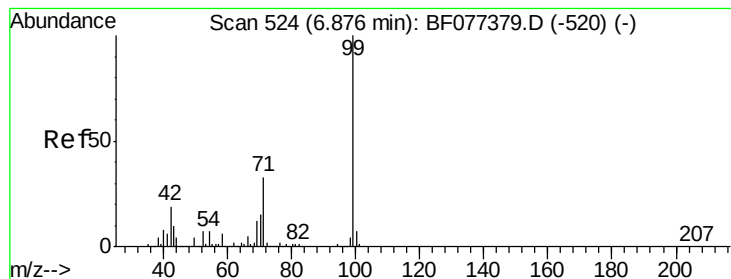
2-Fluorophenol
 Concen: 99.90 ng
 RT: 5.62 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF077388.D
 Acq: 20 Feb 2015 18:14

Tgt Ion:112 Resp: 500285
 Ion Ratio Lower Upper
 112 100
 64 55.5 48.5 72.7
 63 28.8 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: 97.33 ng

RT: 6.88 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF077388.D

Acq: 20 Feb 2015 18:14

Instrument :

BNA_F

ClientSampleId :

VMA4(9.5-10)RE

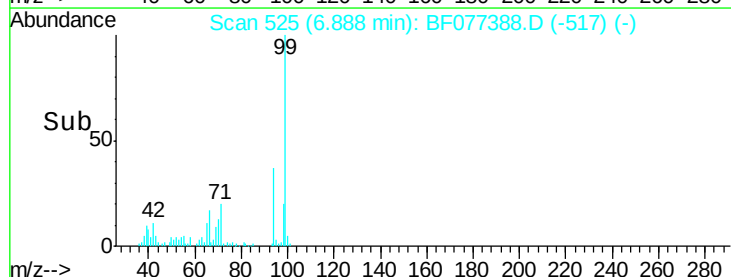
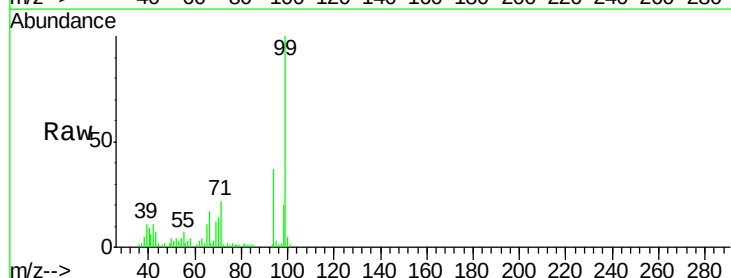
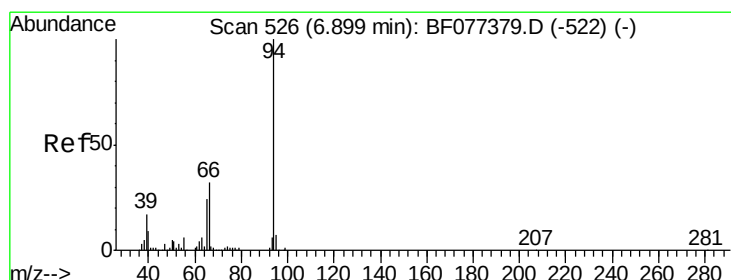
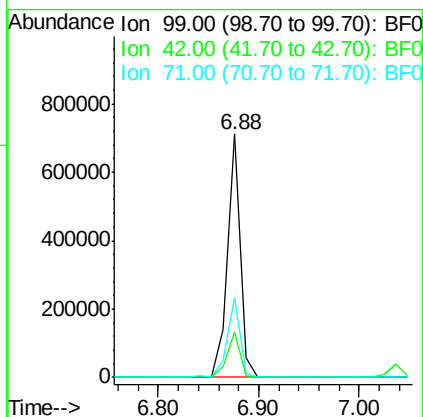
Tgt Ion: 99 Resp: 626715

Ion Ratio Lower Upper

99 100

42 18.7 16.2 24.4

71 32.8 26.7 40.1



#10

Phenol

Concen: 2.57 ng

RT: 6.89 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF077388.D

Acq: 20 Feb 2015 18:14

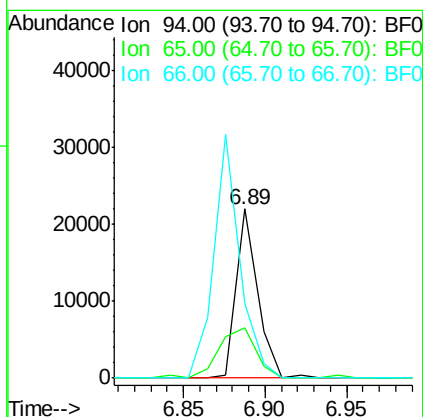
Tgt Ion: 94 Resp: 19645

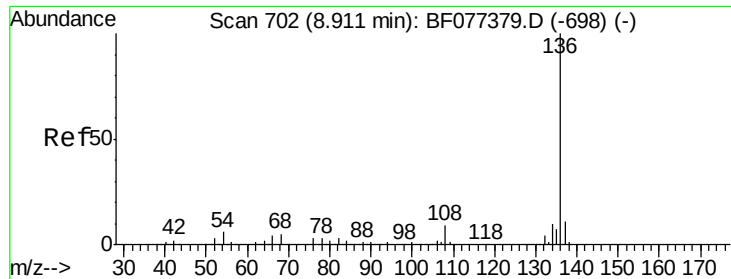
Ion Ratio Lower Upper

94 100

65 30.1 5.7 45.7

66 44.2 13.6 53.6

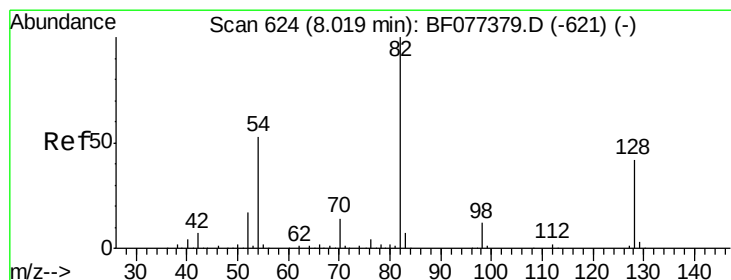
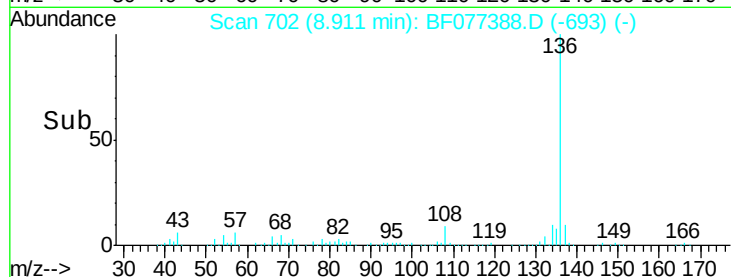
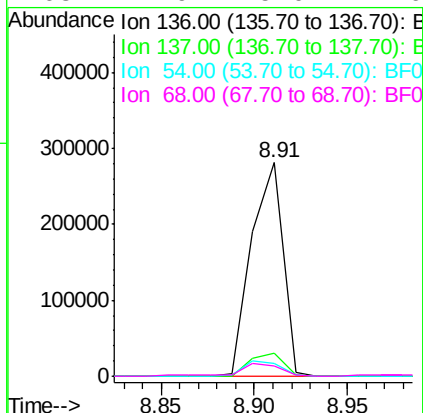
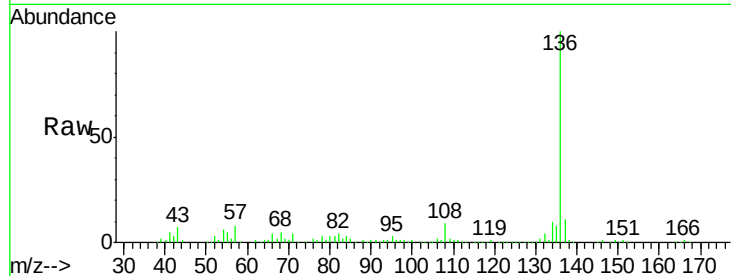




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.91 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF077388.D
Acq: 20 Feb 2015 18:14

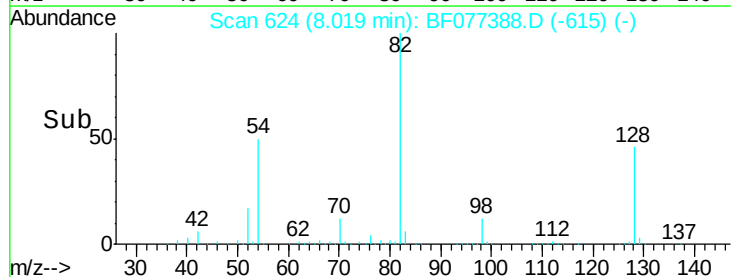
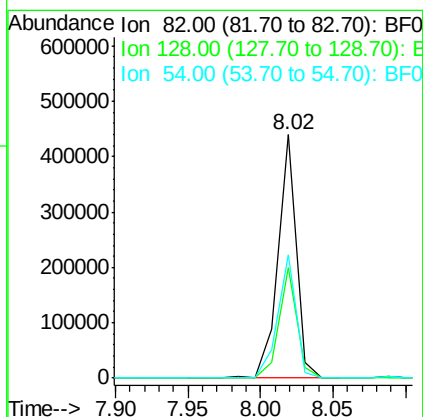
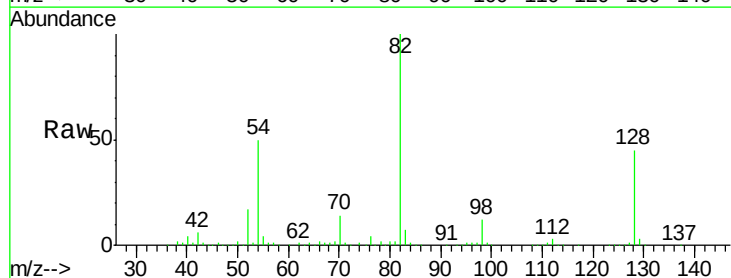
Instrument :
BNA_F
ClientSampleId :
VMA4(9.5-10)RE

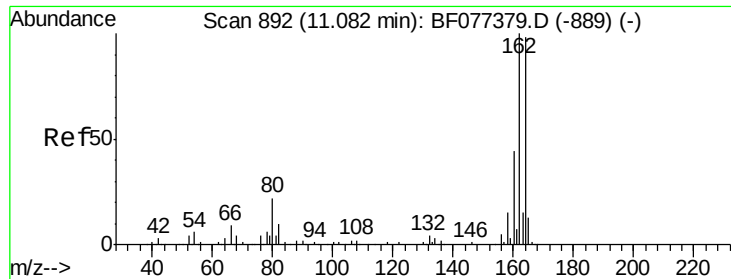
Tgt Ion:	136	Resp:	328957
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	5.8	6.2	9.4#
68	4.9	5.0	7.6#



#23
Nitrobenzene-d5
Concen: 72.31 ng
RT: 8.02 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF077388.D
Acq: 20 Feb 2015 18:14

Tgt Ion:	82	Resp:	382539
Ion	Ratio	Lower	Upper
82	100		
128	45.4	43.8	65.8
54	50.5	36.7	55.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF077388.D

Acq: 20 Feb 2015 18:14

Instrument :

BNA_F

ClientSampleId :

VMA4(9.5-10)RE

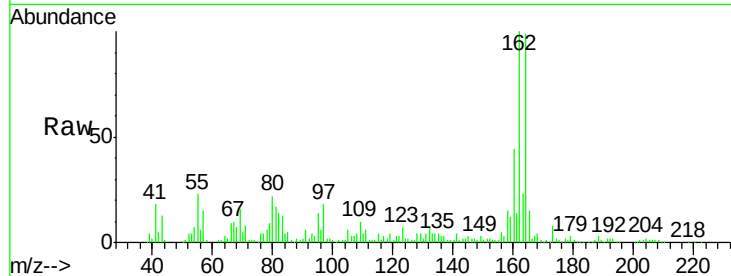
Tgt Ion:164 Resp: 165178

Ion Ratio Lower Upper

164 100

162 101.5 83.2 124.8

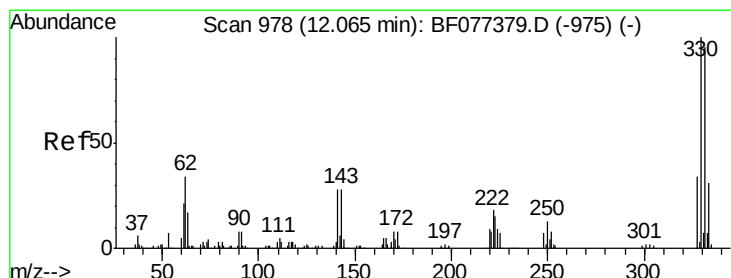
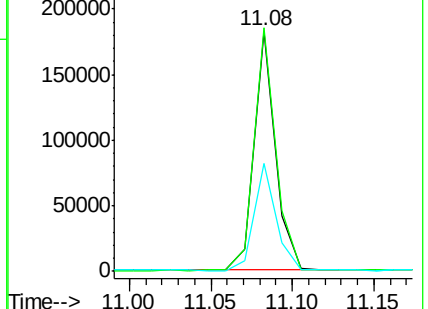
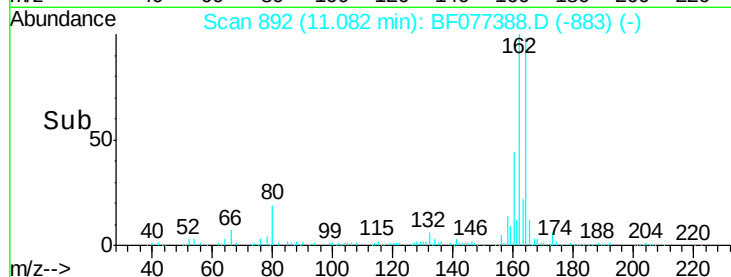
160 45.1 34.6 52.0



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: 102.64 ng

RT: 12.08 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF077388.D

Acq: 20 Feb 2015 18:14

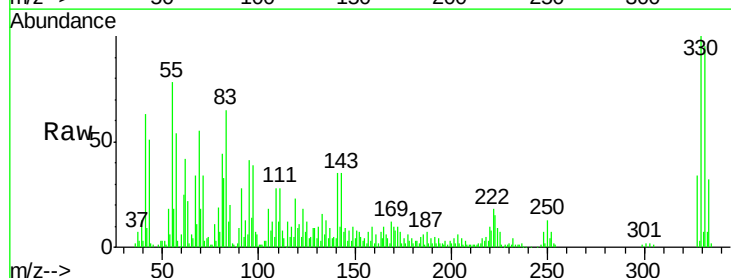
Tgt Ion:330 Resp: 163238

Ion Ratio Lower Upper

330 100

332 94.9 77.4 116.2

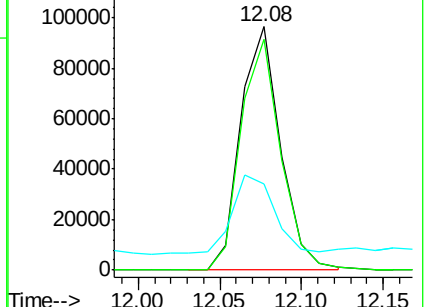
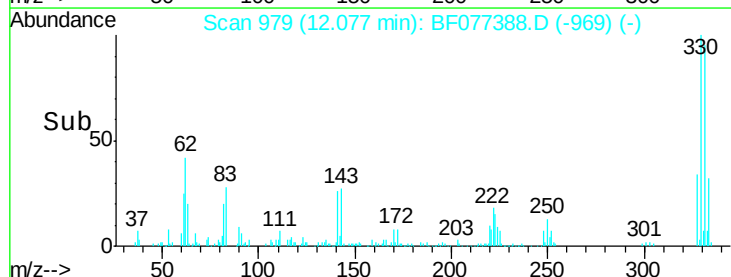
141 35.4 28.8 43.2

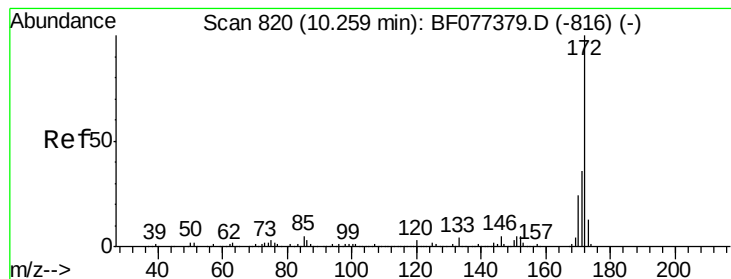


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 78.64 ng

RT: 10.26 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF077388.D

Acq: 20 Feb 2015 18:14

Instrument :

BNA_F

ClientSampleId :

VMA4(9.5-10)RE

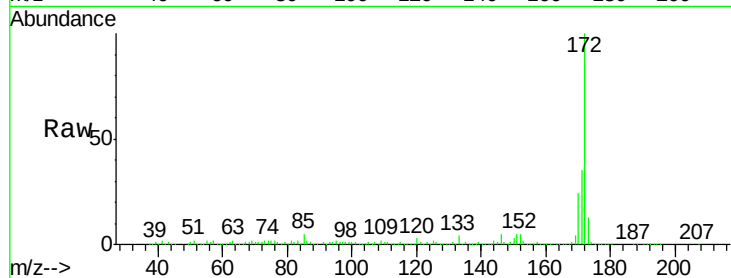
Tgt Ion:172 Resp: 833074

Ion Ratio Lower Upper

172 100

171 35.2 28.9 43.3

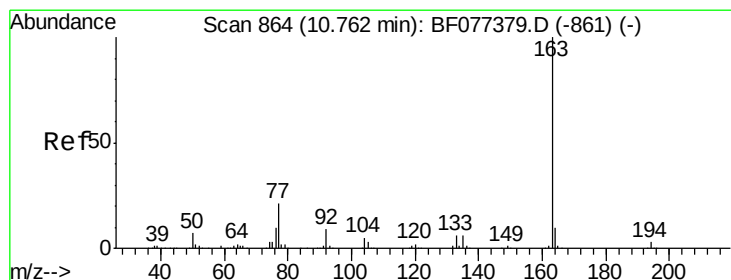
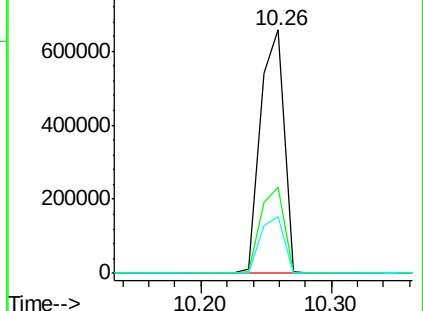
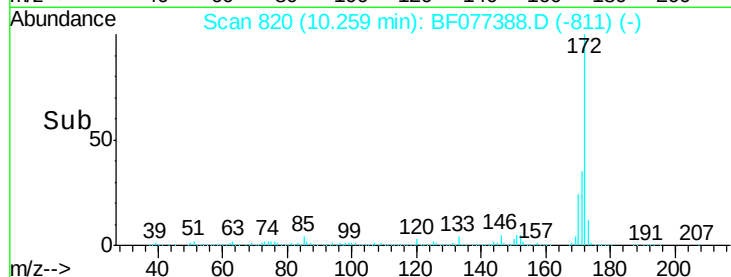
170 23.5 19.4 29.2



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: 5.63 ng

RT: 10.76 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF077388.D

Acq: 20 Feb 2015 18:14

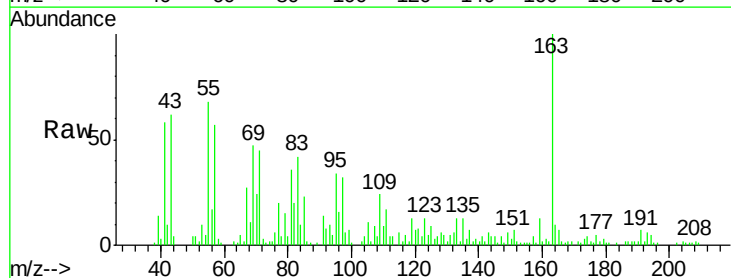
Tgt Ion:163 Resp: 65315

Ion Ratio Lower Upper

163 100

194 5.3 2.6 4.0#

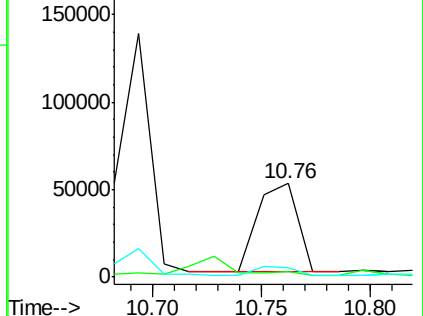
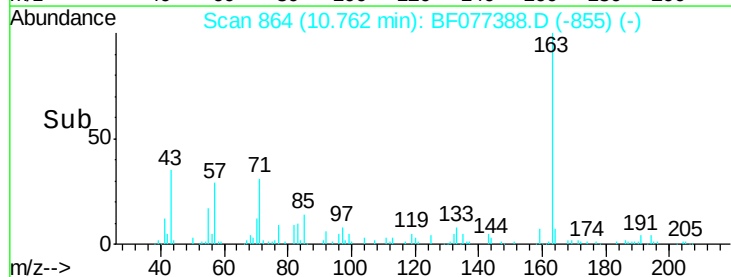
164 10.4 8.6 13.0

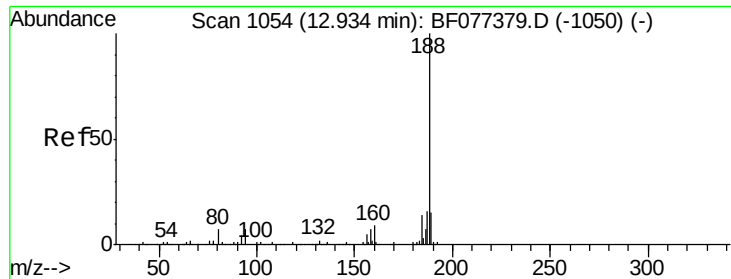


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

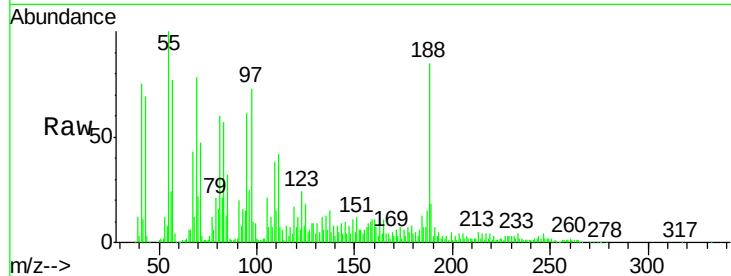




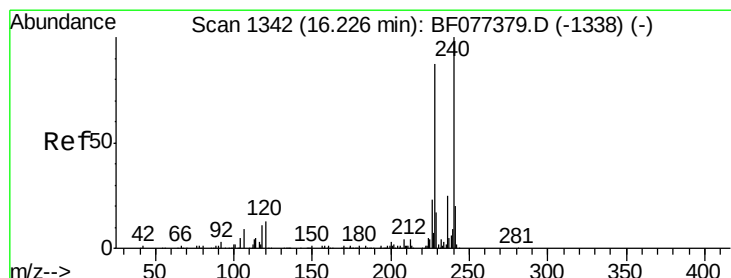
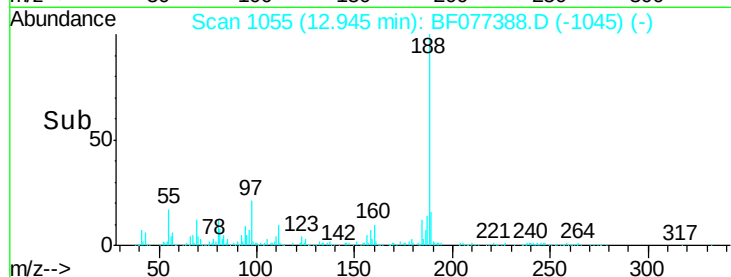
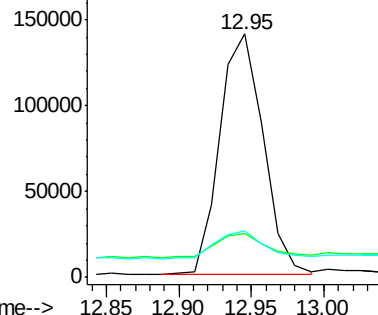
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BF077388.D
Acq: 20 Feb 2015 18:14

Instrument :
BNA_F
ClientSampleId :
VMA4(9.5-10)RE

Tgt Ion:188 Resp: 289881
Ion Ratio Lower Upper
188 100
94 18.1 7.4 11.2#
80 19.4 8.0 12.0#

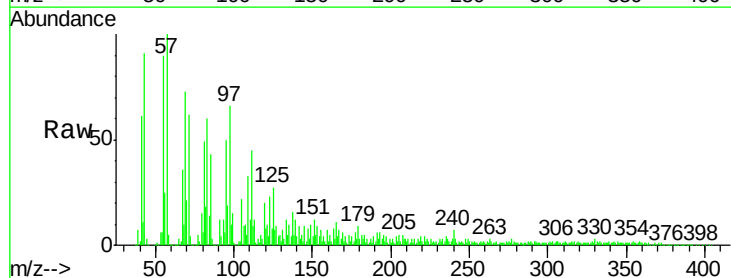


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

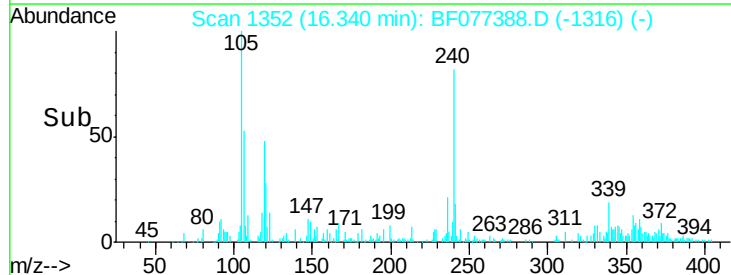
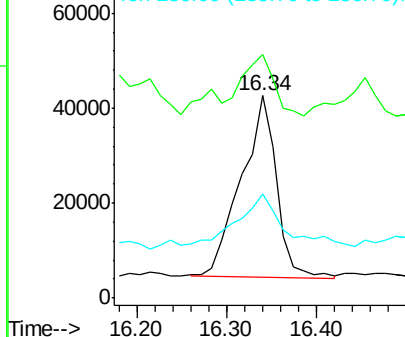


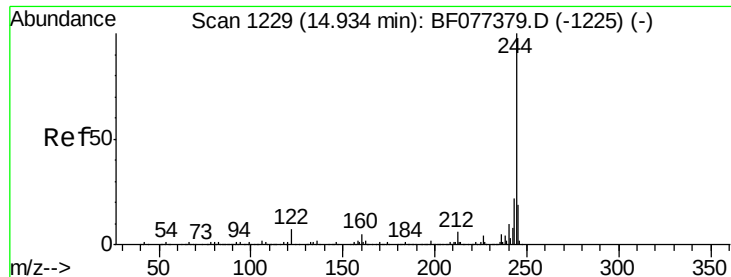
#75
Chrysene-d12
Concen: 20.00 ng m
RT: 16.34 min Scan# 1352
Delta R.T. 0.11 min
Lab File: BF077388.D
Acq: 20 Feb 2015 18:14

Tgt Ion:240 Resp: 104063
Ion Ratio Lower Upper
240 100
120 120.5 8.8 13.2#
236 51.8 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: 102.52 ng m

RT: 14.97 min Scan# 1232

Delta R.T. 0.03 min

Lab File: BF077388.D

Acq: 20 Feb 2015 18:14

Instrument :

BNA_F

ClientSampleId :

VMA4(9.5-10)RE

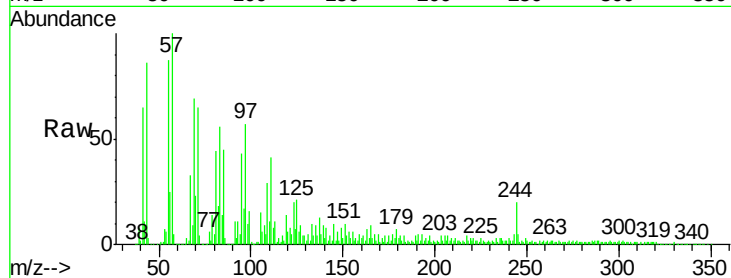
Tgt Ion:244 Resp: 456354

Ion Ratio Lower Upper

244 100

212 9.9 5.2 7.8#

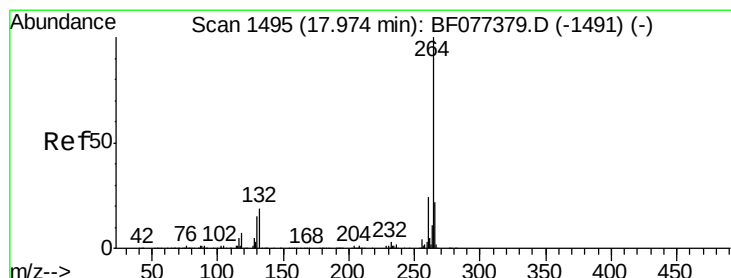
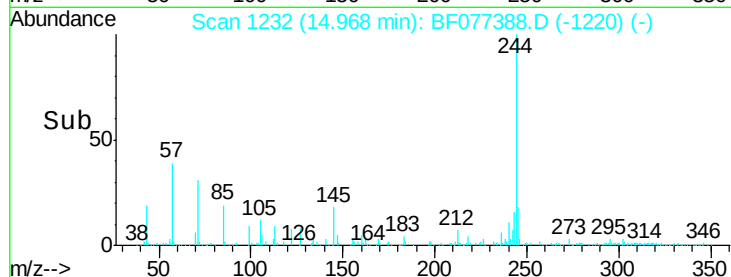
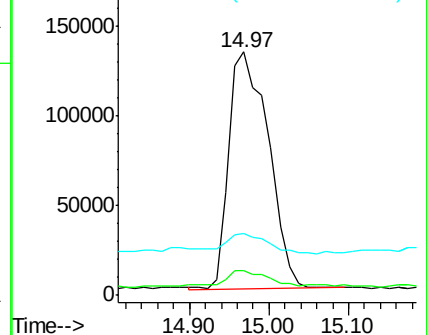
122 25.3 7.8 11.8#



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: 18.17 min Scan# 1512

Delta R.T. 0.19 min

Lab File: BF077388.D

Acq: 20 Feb 2015 18:14

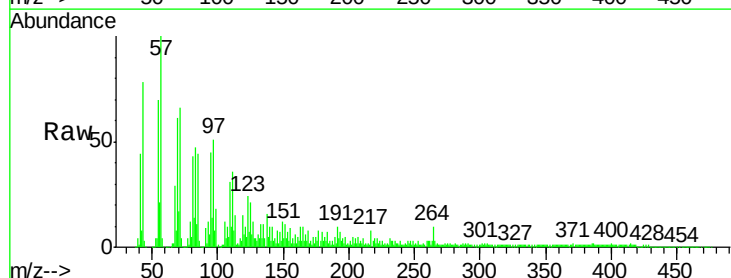
Tgt Ion:264 Resp: 118673

Ion Ratio Lower Upper

264 100

260 31.2 19.3 28.9#

265 33.2 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

