

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
 Data File : BF090577.D
 Acq On : 14 Oct 2016 18:51
 Operator : UM/SJ
 Sample : H5260-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-57

Quant Time: Oct 14 22:51:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 12:44:45 2016
 Response via : Initial Calibration

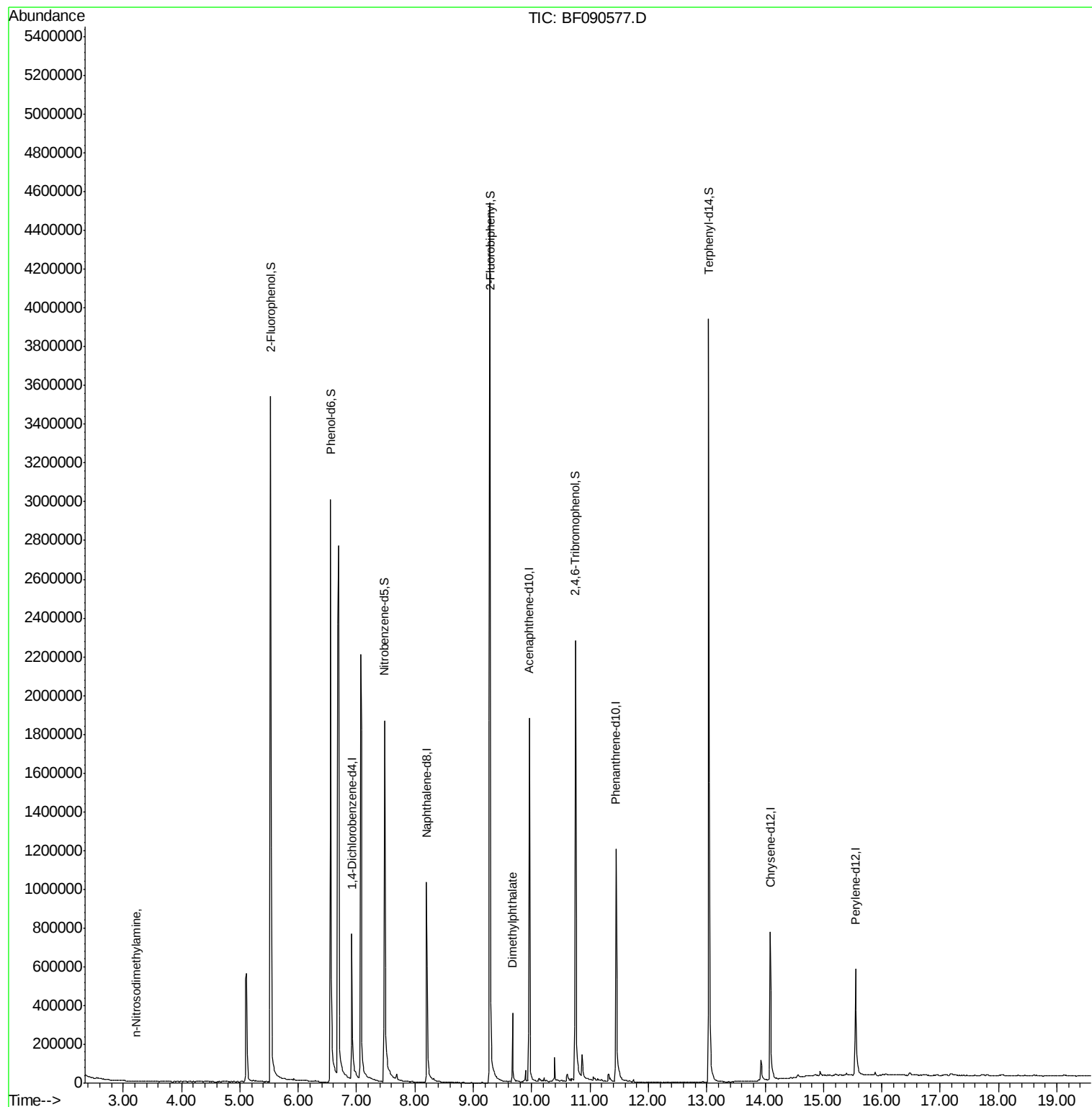
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	171317	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	720026	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	403483	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	617831	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	384480	20.00	ng	-0.01
86) Perylene-d12	15.55	264	320588	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1120518	119.91	ng	0.00
7) Phenol-d6	6.55	99	1530643	110.23	ng	0.00
23) Nitrobenzene-d5	7.48	82	928189	71.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	332066	92.31	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	1798349	73.44	ng	0.00
78) Terphenyl-d14	13.03	244	1512545	91.60	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.23	42	209	7.21	ng	Qvalue # 1
49) Dimethylphthalate	9.67	163	157964	6.03	ng	98

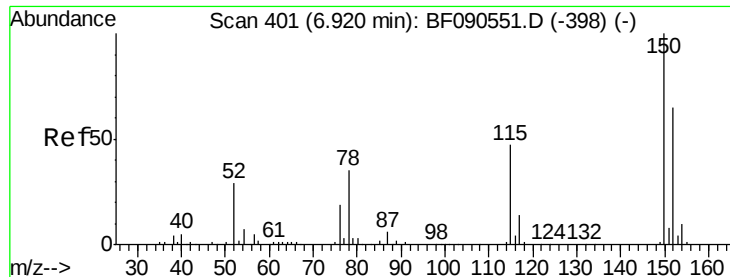
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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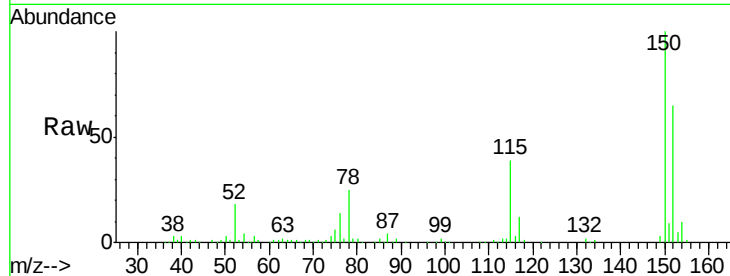


#1

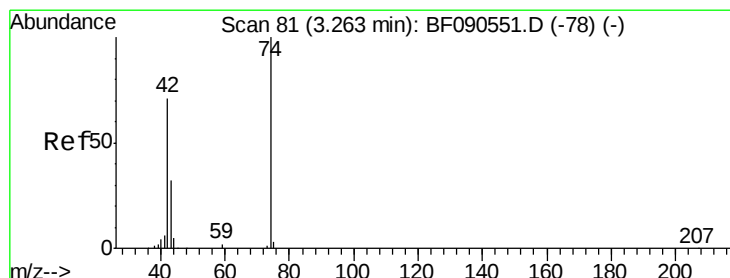
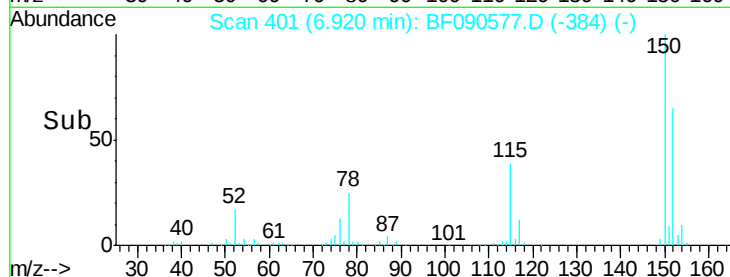
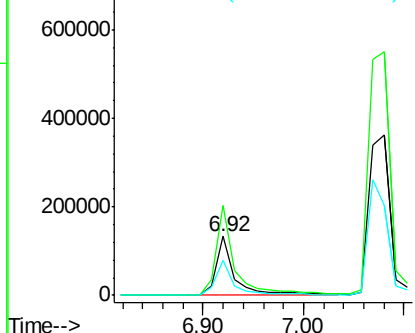
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 401
Delta R.T. -0.00 min
Lab File: BF090577.D
Acq: 14 Oct 2016 18:51

Instrument :
BNA_F
ClientSampleId :
TILCON-57

Tgt Ion: 152 Resp: 171317
Ion Ratio Lower Upper
152 100
150 152.8 127.2 190.8
115 59.3 58.6 88.0



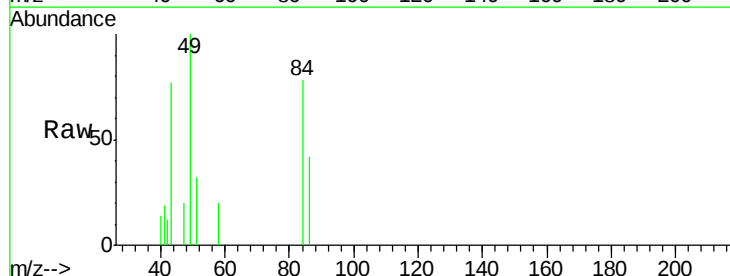
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



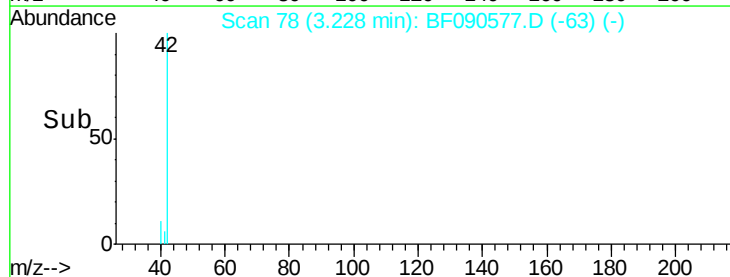
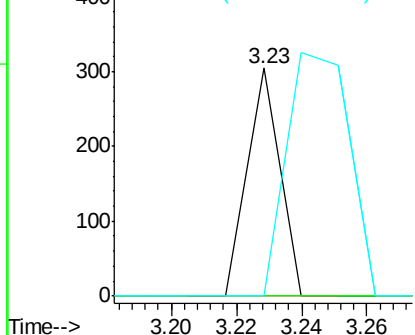
#4

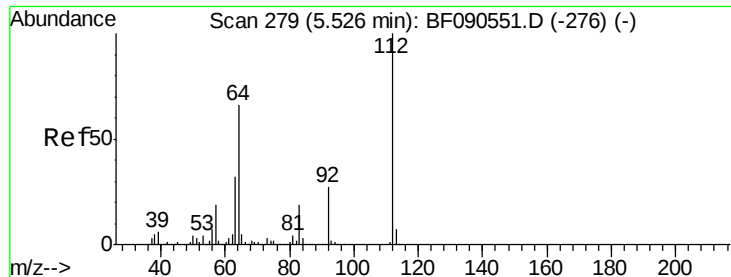
n-Nitrosodimethylamine
Concen: 7.21 ng
RT: 3.23 min Scan# 78
Delta R.T. -0.03 min
Lab File: BF090577.D
Acq: 14 Oct 2016 18:51

Tgt Ion: 42 Resp: 209
Ion Ratio Lower Upper
42 100
74 0.0 113.3 169.9#
44 0.0 6.0 9.0#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 119.91 ng

RT: 5.53 min Scan# 279

Delta R.T. 0.00 min

Lab File: BF090577.D

Acq: 14 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

TILCON-57

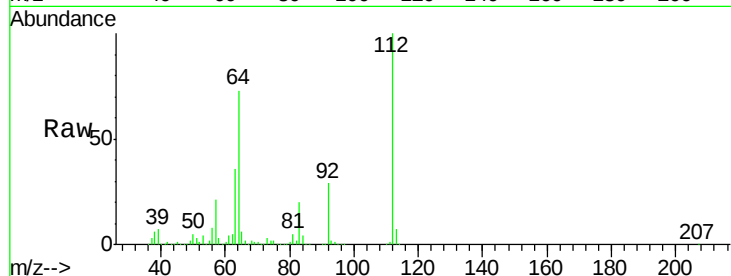
Tgt Ion:112 Resp: 1120518

Ion Ratio Lower Upper

112 100

64 72.7 52.6 78.8

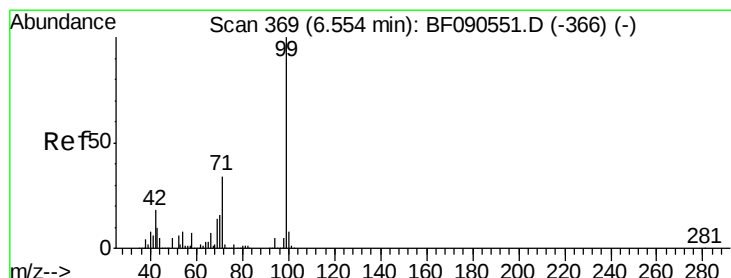
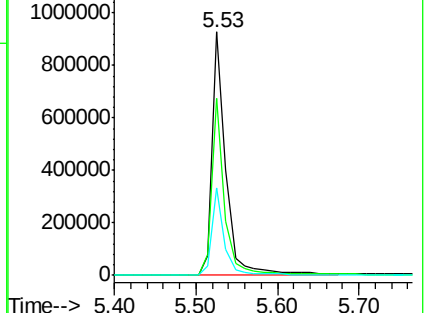
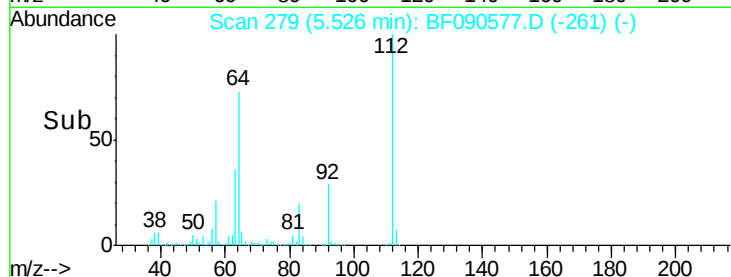
63 35.8 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 110.23 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090577.D

Acq: 14 Oct 2016 18:51

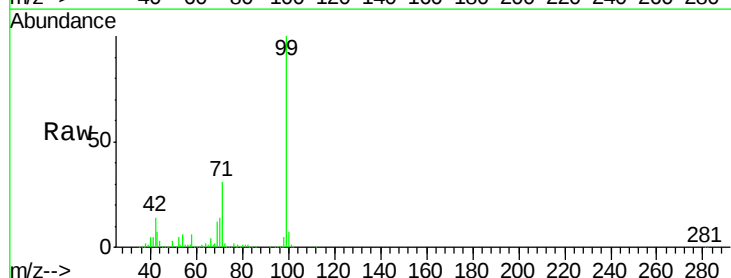
Tgt Ion: 99 Resp: 1530643

Ion Ratio Lower Upper

99 100

42 13.8 14.7 22.1#

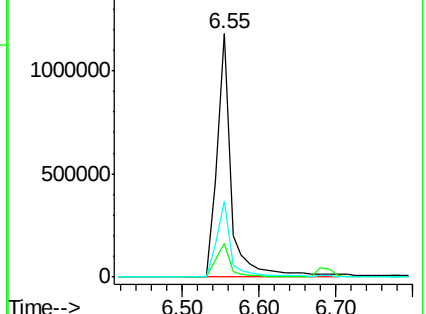
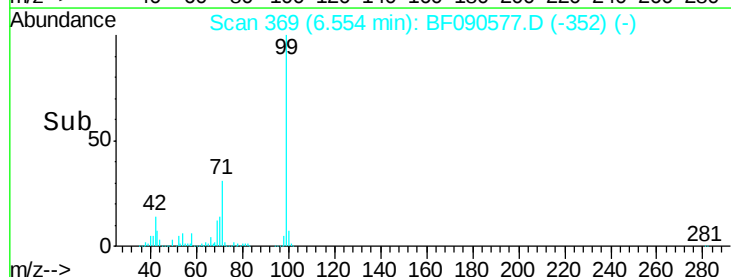
71 31.0 27.6 41.4

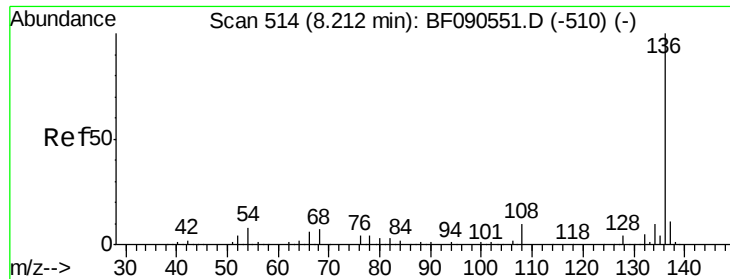


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

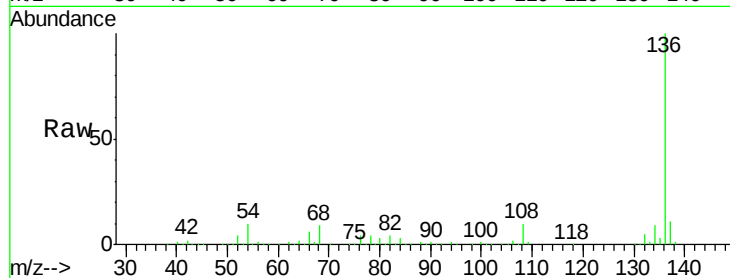




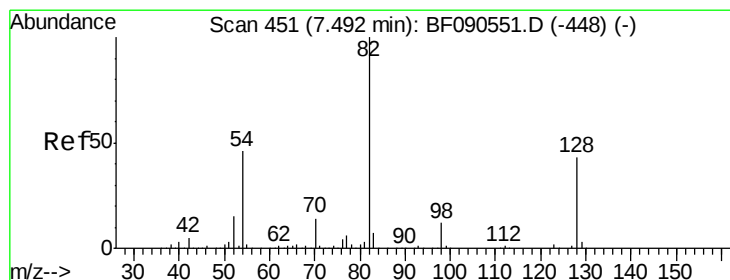
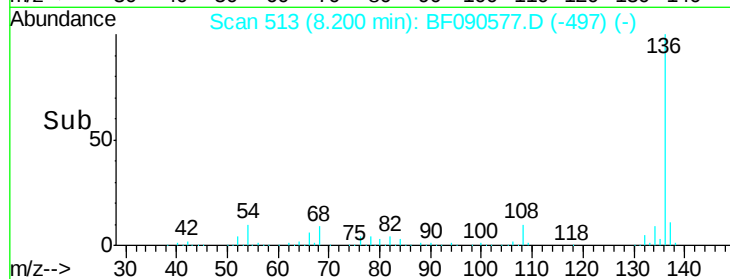
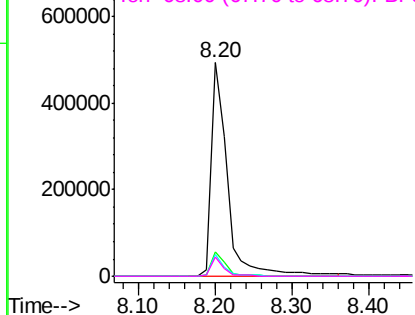
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF090577.D
Acq: 14 Oct 2016 18:51

Instrument :
BNA_F
ClientSampleId :
TILCON-57

Tgt Ion:	136	Resp:	720026
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.1	6.8	10.2
68	8.8	6.0	9.0

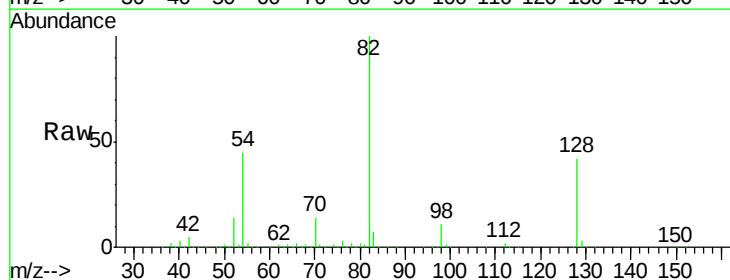


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

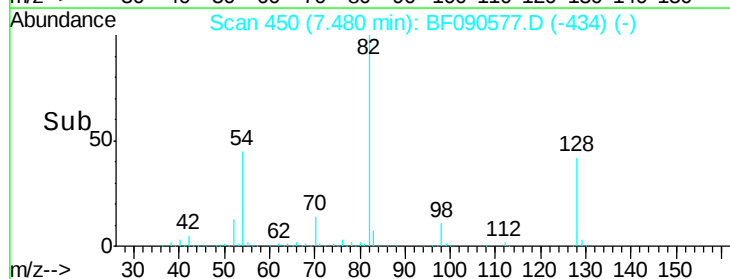
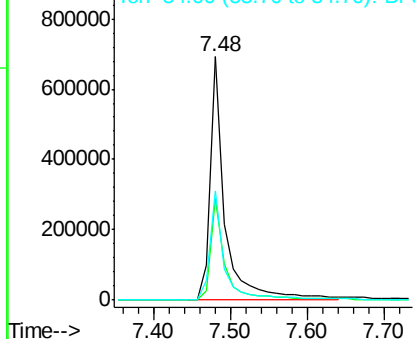


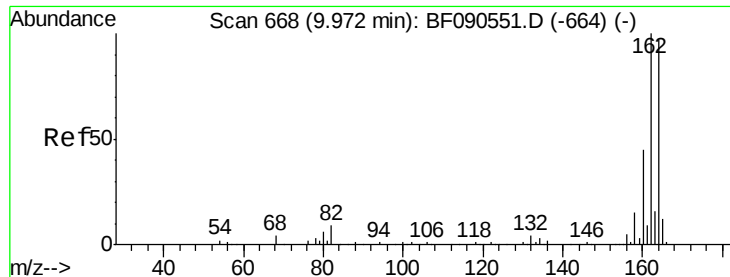
#23
Nitrobenzene-d5
Concen: 71.61 ng
RT: 7.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF090577.D
Acq: 14 Oct 2016 18:51

Tgt Ion:	82	Resp:	928189
Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.3	51.5
54	44.9	37.0	55.6



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: 9.96 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF090577.D

Acq: 14 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

TILCON-57

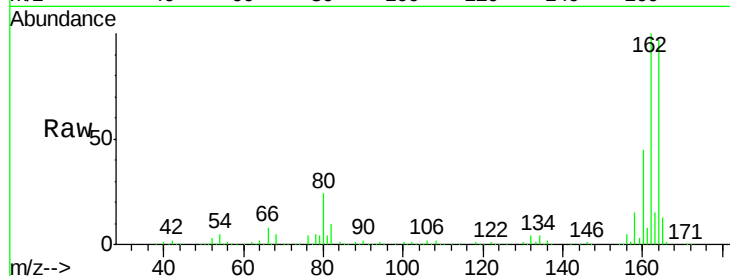
Tgt Ion:164 Resp: 403483

Ion Ratio Lower Upper

164 100

162 102.9 82.2 123.4

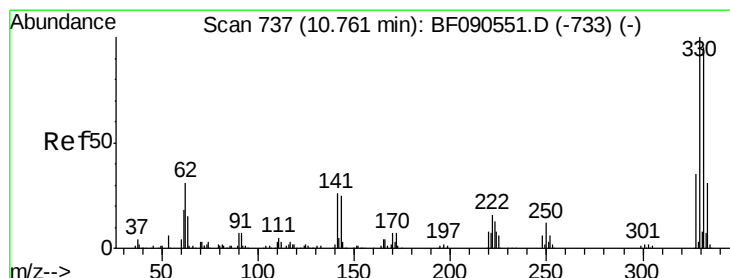
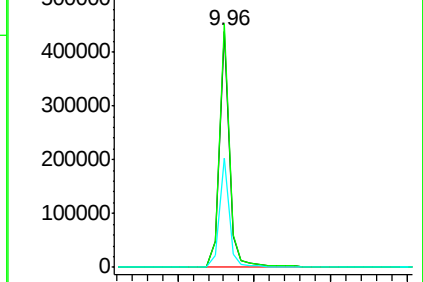
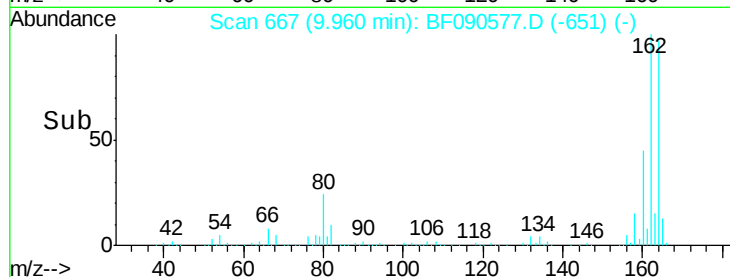
160 46.4 36.6 55.0



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: 92.31 ng

RT: 10.75 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF090577.D

Acq: 14 Oct 2016 18:51

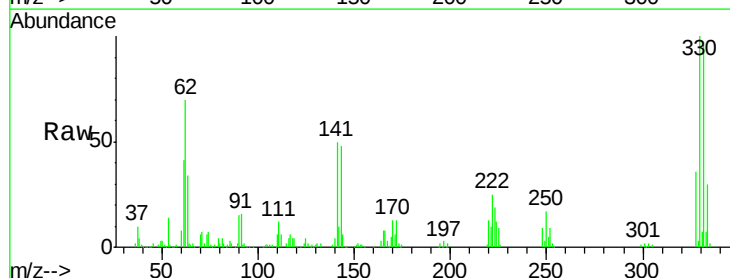
Tgt Ion:330 Resp: 332066

Ion Ratio Lower Upper

330 100

332 98.3 76.2 114.2

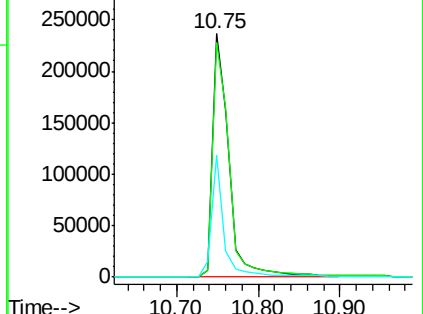
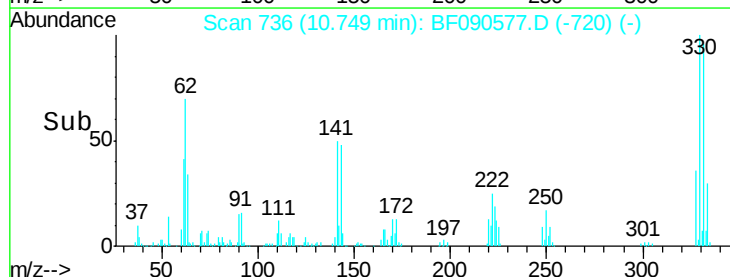
141 38.9 31.4 47.2

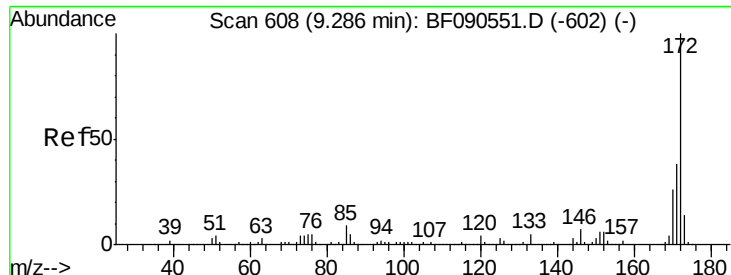


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

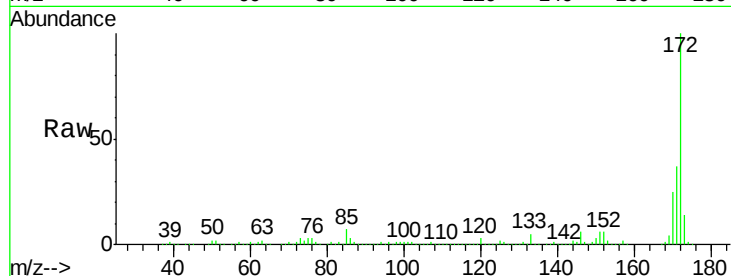




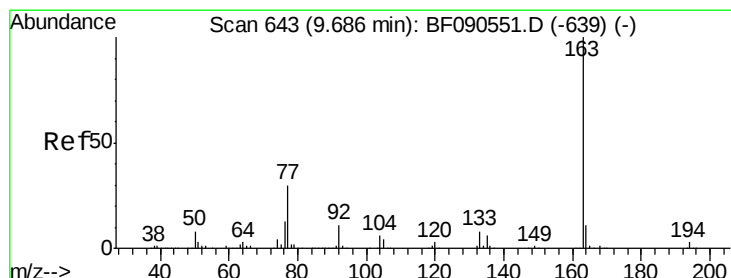
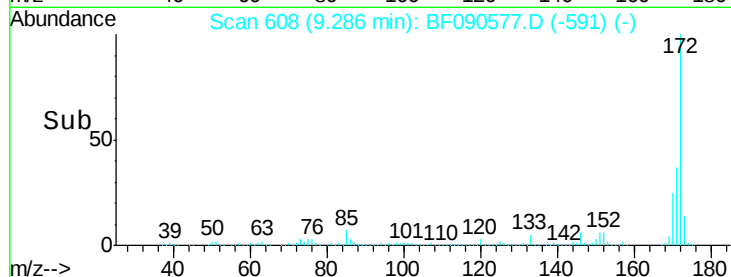
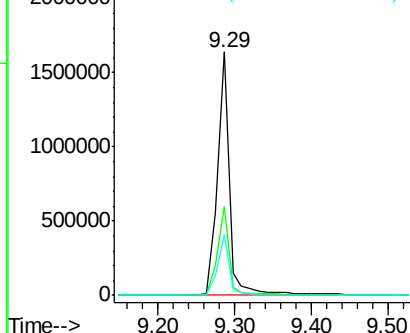
#44
 2-Fluorobiphenyl
 Concen: 73.44 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090577.D
 Acq: 14 Oct 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-57

Tgt Ion:172 Resp: 1798349
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.1 45.1
 170 25.0 20.6 30.8

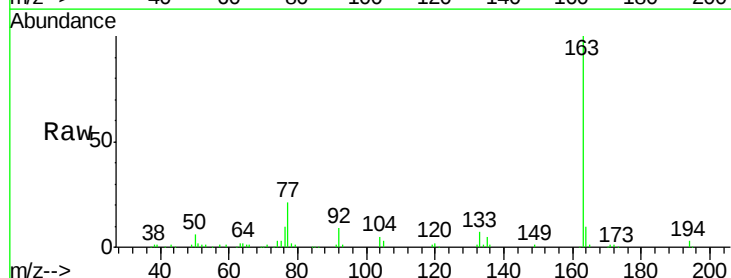


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

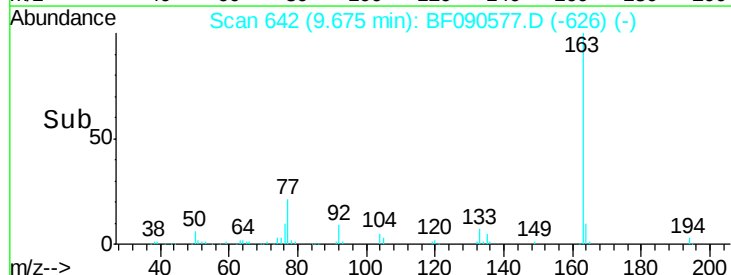
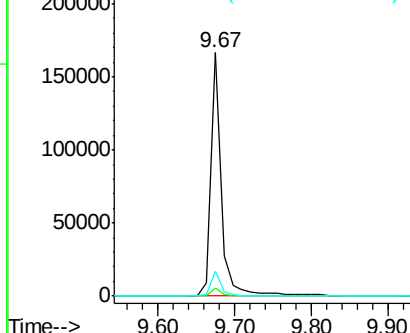


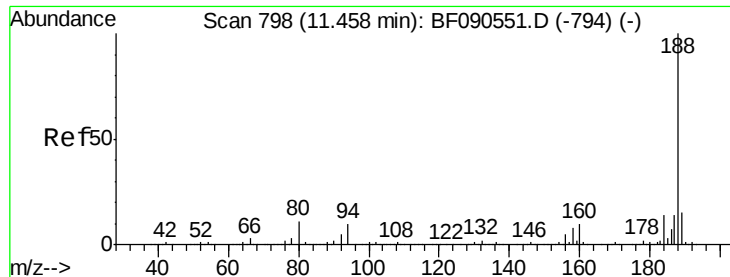
#49
 Dimethylphthalate
 Concen: 6.03 ng
 RT: 9.67 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF090577.D
 Acq: 14 Oct 2016 18:51

Tgt Ion:163 Resp: 157964
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.3 3.5
 164 10.1 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

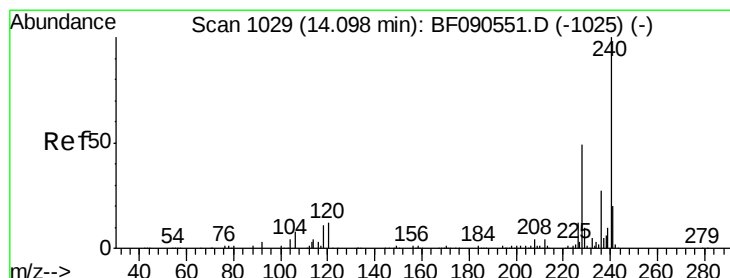
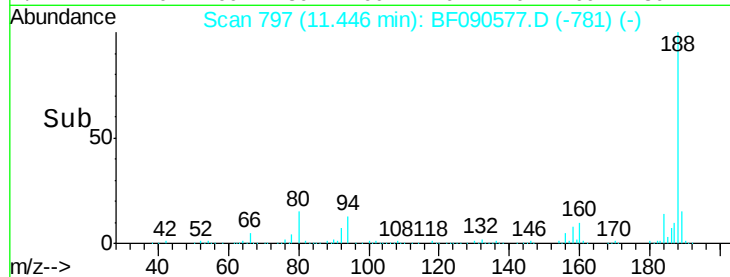
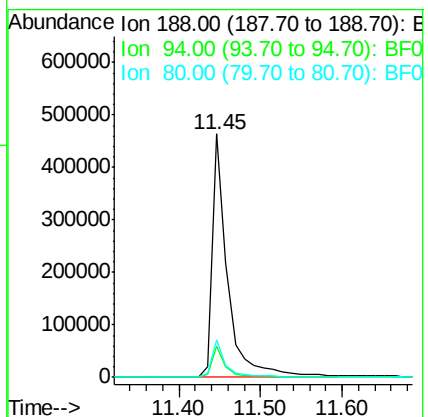
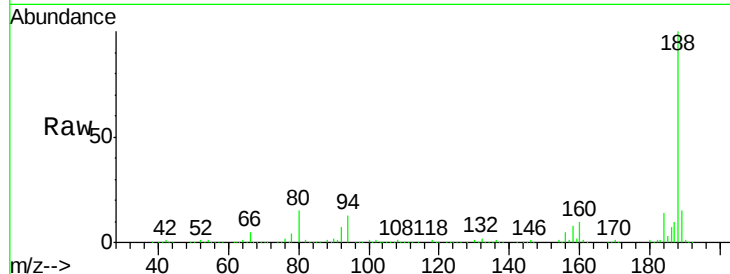




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF090577.D
Acq: 14 Oct 2016 18:51

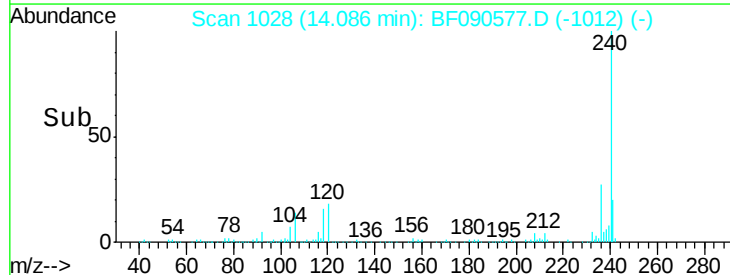
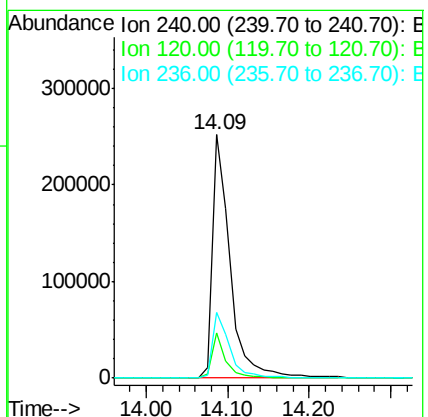
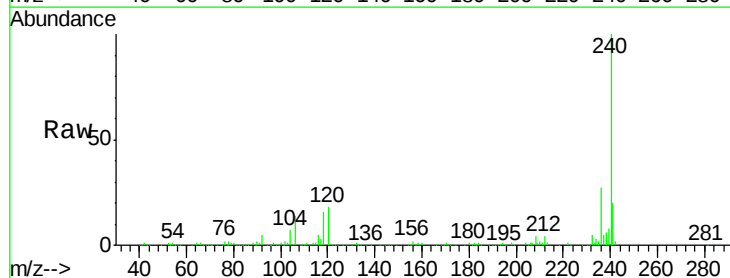
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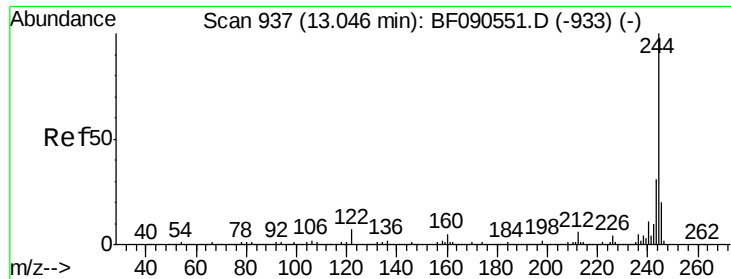
Tgt Ion:188 Resp: 617831
Ion Ratio Lower Upper
188 100
94 13.0 7.7 11.5#
80 15.2 8.6 12.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF090577.D
Acq: 14 Oct 2016 18:51

Tgt Ion:240 Resp: 384480
Ion Ratio Lower Upper
240 100
120 18.4 9.8 14.8#
236 26.8 21.7 32.5





#78

Terphenyl-d14

Concen: 91.60 ng

RT: 13.03 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF090577.D

Acq: 14 Oct 2016 18:51

Instrument :

BNA_F

ClientSampleId :

TILCON-57

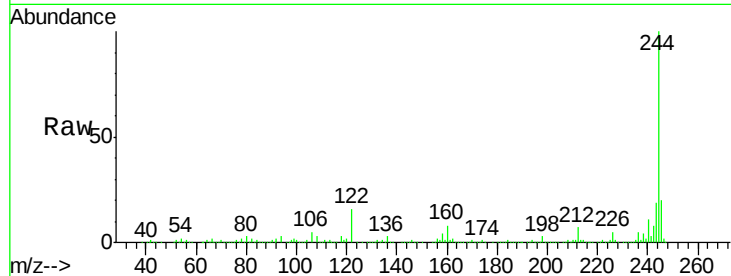
Tgt Ion:244 Resp: 1512545

Ion Ratio Lower Upper

244 100

212 7.5 5.0 7.4#

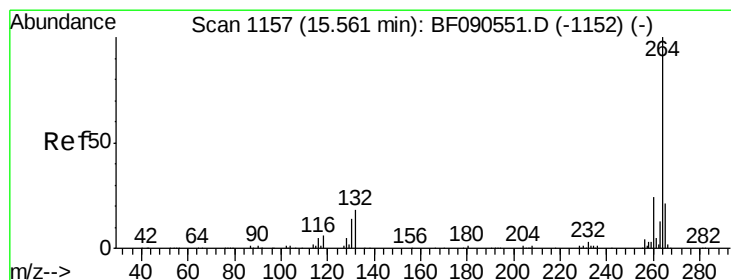
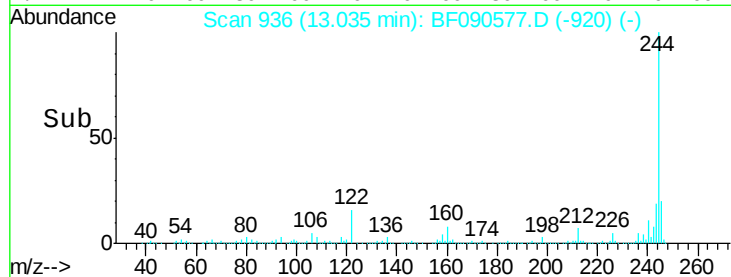
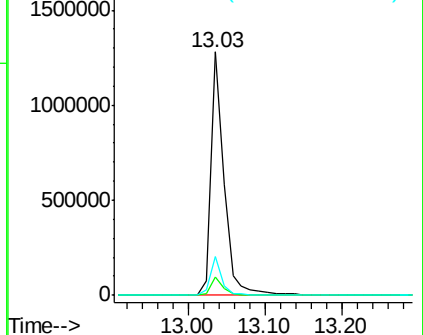
122 16.0 5.6 8.4#



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: 15.55 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF090577.D

Acq: 14 Oct 2016 18:51

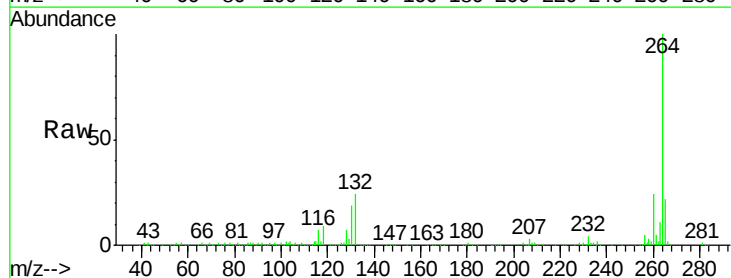
Tgt Ion:264 Resp: 320588

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 21.6 16.7 25.1



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

