

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101416\
 Data File : BF090597.D
 Acq On : 15 Oct 2016 9:50
 Operator : UM/SJ
 Sample : H5228-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5

Quant Time: Oct 17 00:47:41 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

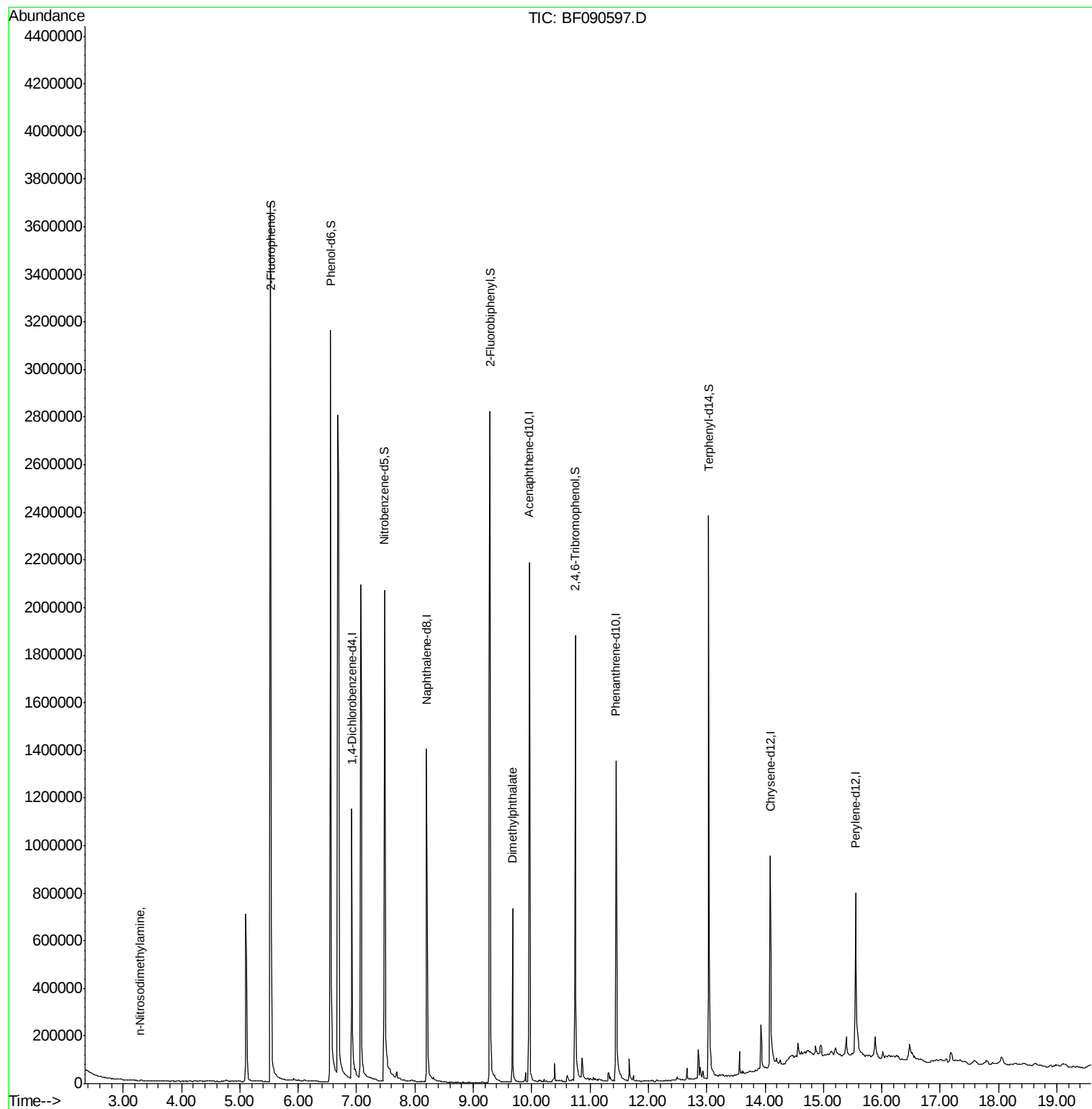
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	206207	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	835147	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	419996	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	545027	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	377804	20.00	ng	-0.01
86) Perylene-d12	15.55	264	344148	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1037110	92.20	ng	0.00
7) Phenol-d6	6.55	99	1523217	91.14	ng	0.00
23) Nitrobenzene-d5	7.48	82	880105	58.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	199159	53.19	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	1137606	44.63	ng	0.00
78) Terphenyl-d14	13.03	244	762282	46.98	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.29	42	1136	7.36	ng	Qvalue # 1
49) Dimethylphthalate	9.67	163	261740	9.61	ng	99

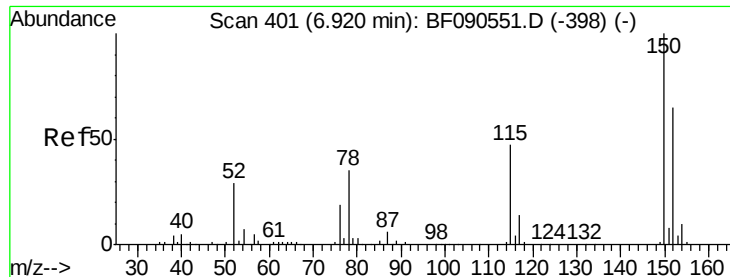
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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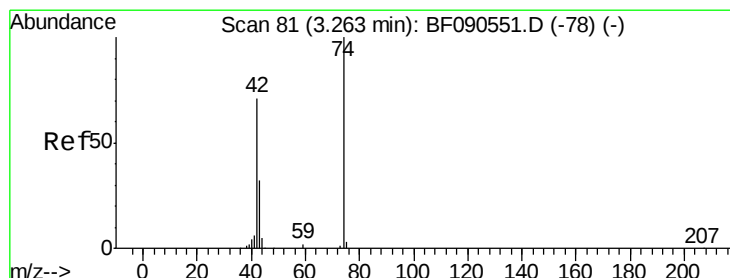
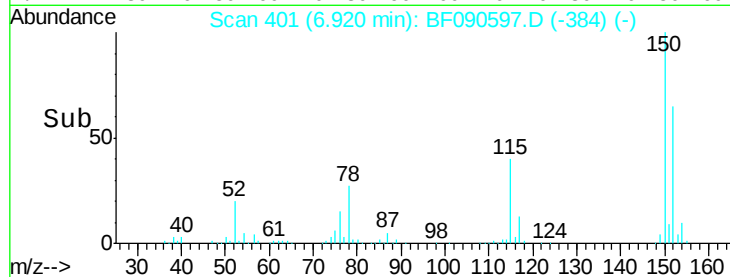
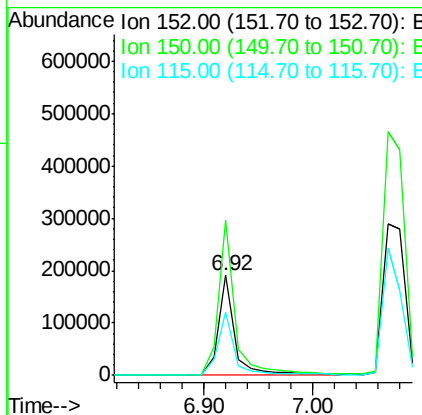
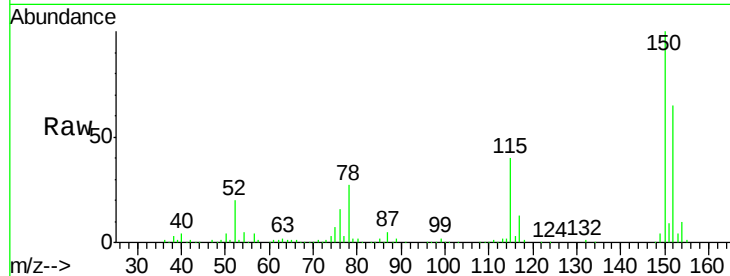


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BF090597.D
 Acq: 15 Oct 2016 9:50

Instrument :
 BNA_F
 ClientSampled :
 5

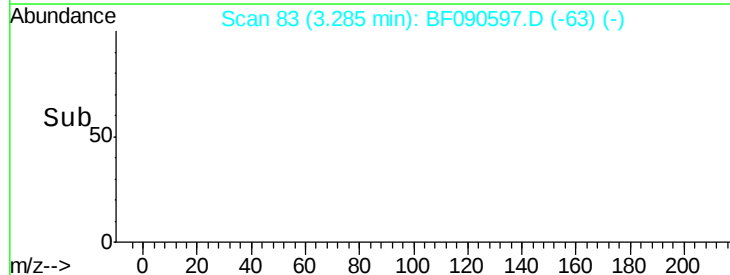
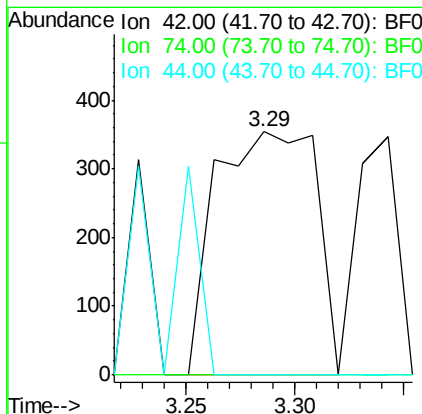
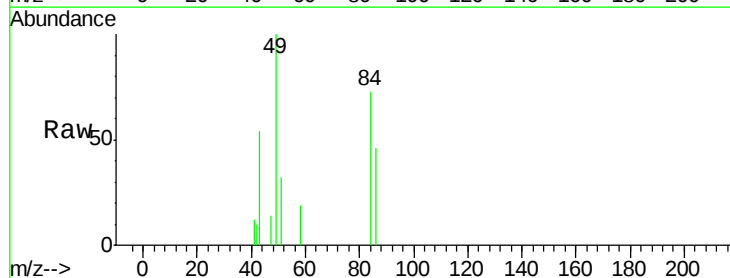
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.2	190.8
115	62.5	58.6	88.0

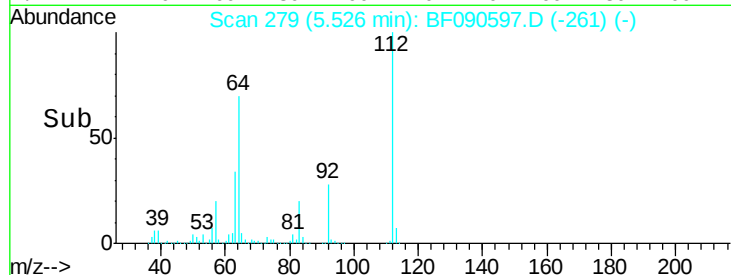
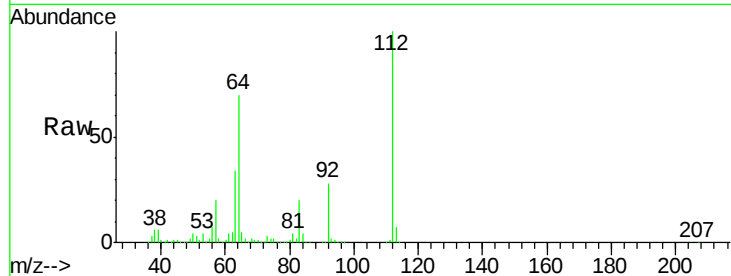
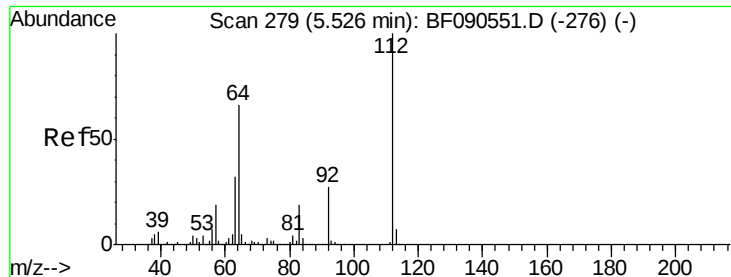


#4

n-Nitrosodimethylamine
 Concen: 7.36 ng
 RT: 3.29 min Scan# 83
 Delta R.T. 0.02 min
 Lab File: BF090597.D
 Acq: 15 Oct 2016 9:50

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

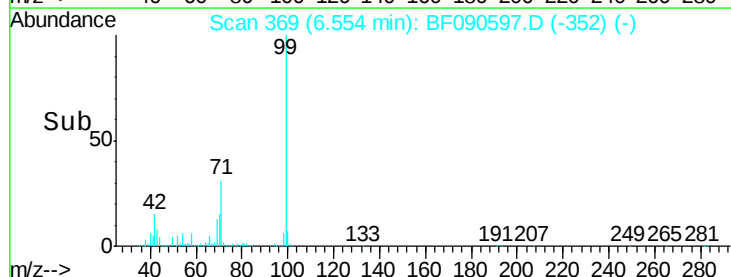
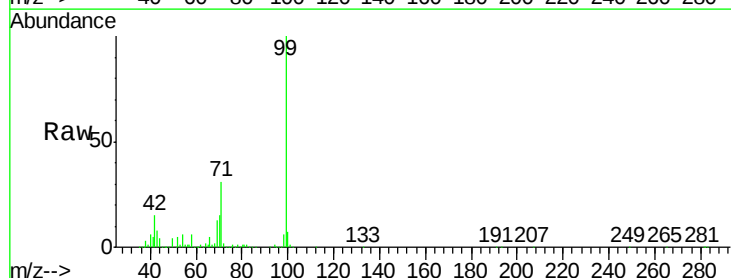
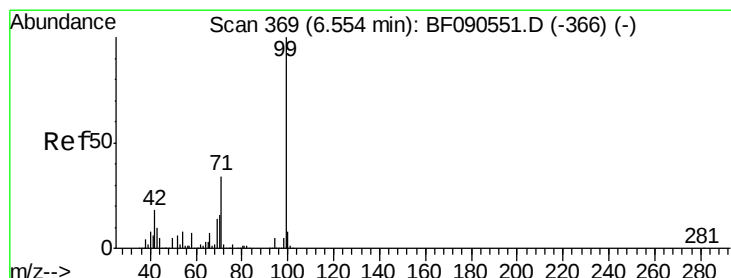
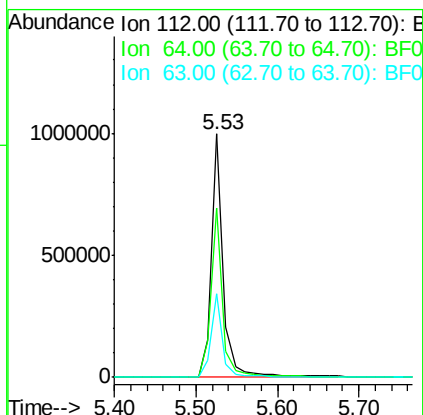




#5
2-Fluorophenol
Concen: 92.20 ng
RT: 5.53 min Scan# 279
Delta R.T. 0.00 min
Lab File: BF090597.D
Acq: 15 Oct 2016 9:50

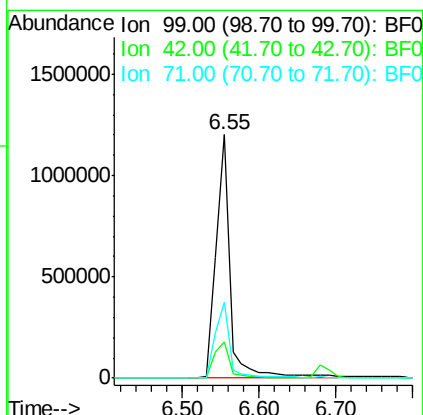
Instrument :
BNA_F
ClientSampleId :
5

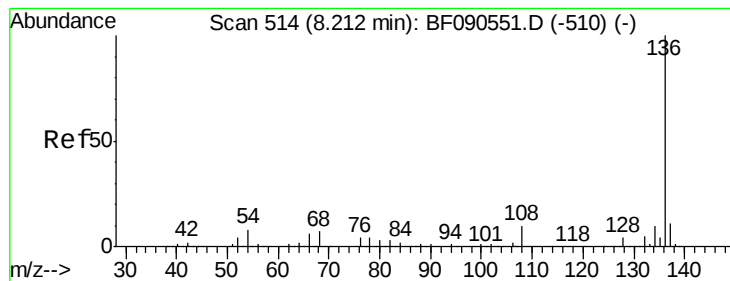
Tgt Ion:112 Resp: 1037110
Ion Ratio Lower Upper
112 100
64 69.6 52.6 78.8
63 34.1 26.0 39.0



#7
Phenol-d6
Concen: 91.14 ng
RT: 6.55 min Scan# 369
Delta R.T. -0.00 min
Lab File: BF090597.D
Acq: 15 Oct 2016 9:50

Tgt Ion: 99 Resp: 1523217
Ion Ratio Lower Upper
99 100
42 15.0 14.7 22.1
71 31.3 27.6 41.4

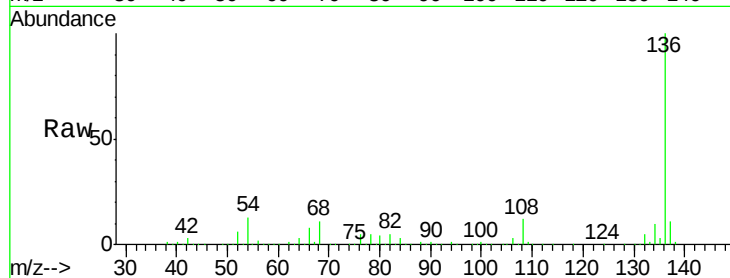




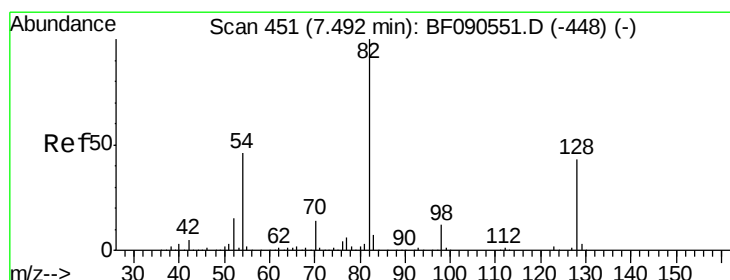
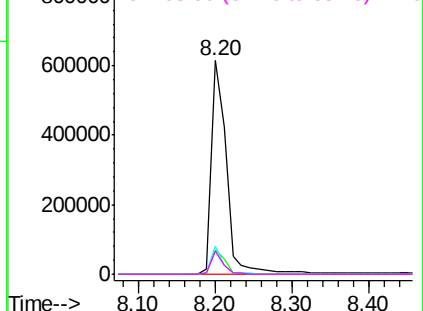
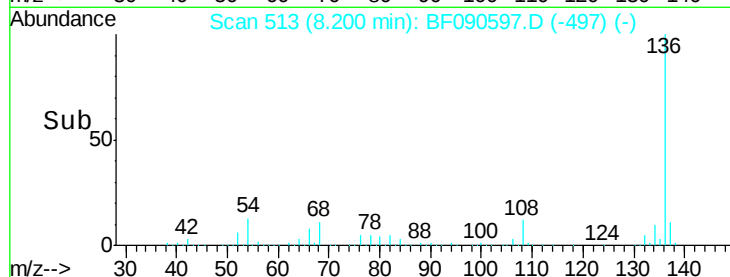
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF090597.D
Acq: 15 Oct 2016 9:50

Instrument :
BNA_F
ClientSampleId :
5

Tgt Ion:	136	Resp:	835147
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.8	13.2
54	13.0	6.8	10.2#
68	10.6	6.0	9.0#

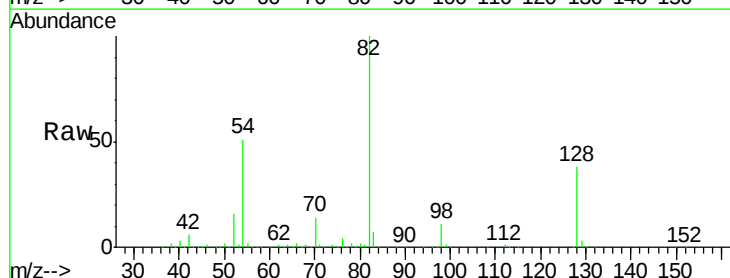


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

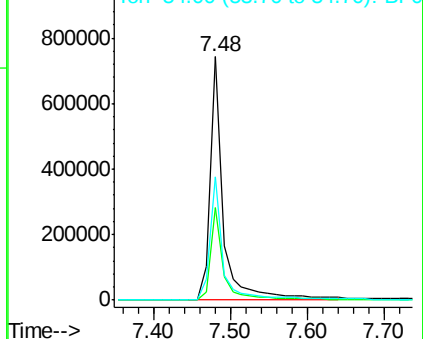
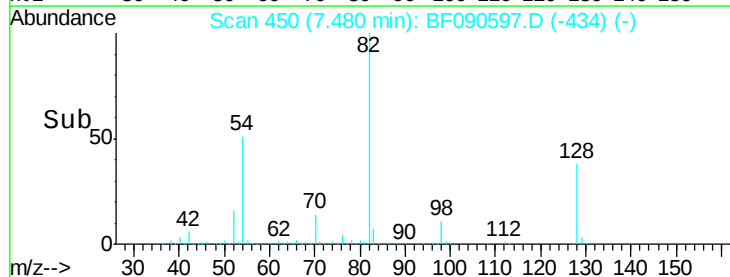


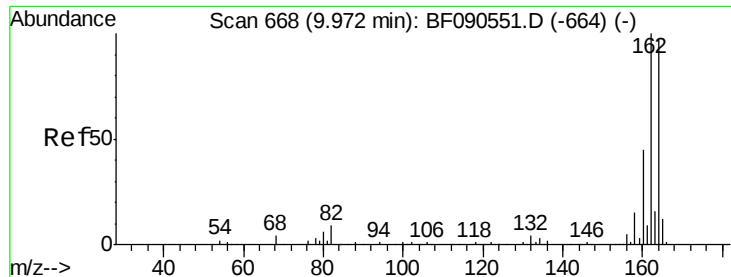
#23
Nitrobenzene-d5
Concen: 58.54 ng
RT: 7.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF090597.D
Acq: 15 Oct 2016 9:50

Tgt Ion:	82	Resp:	880105
Ion Ratio	Lower	Upper	
82	100		
128	37.9	34.3	51.5
54	50.6	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

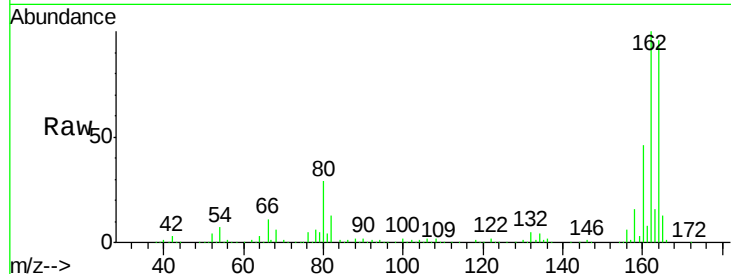




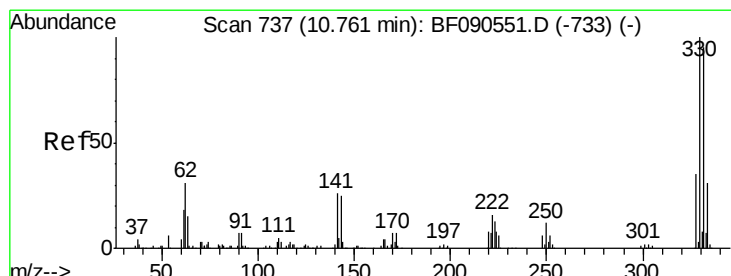
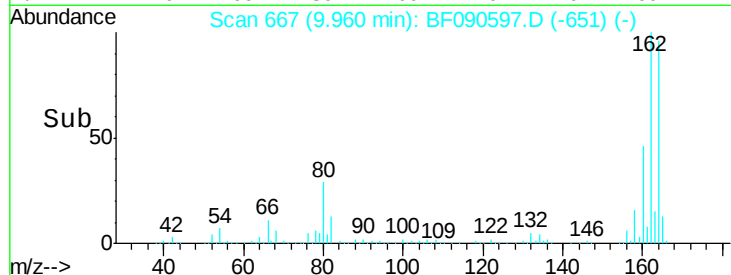
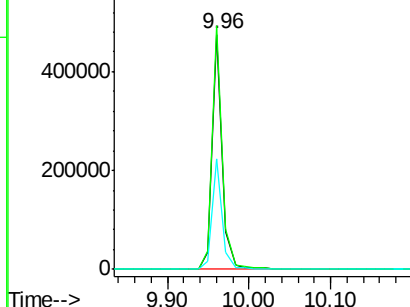
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF090597.D
 Acq: 15 Oct 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 5

Tgt Ion:164 Resp: 419996
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.2 123.4
 160 47.2 36.6 55.0

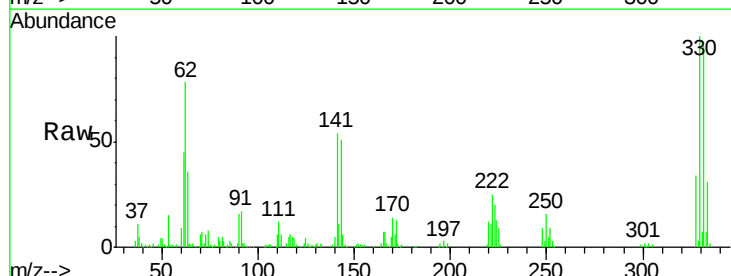


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

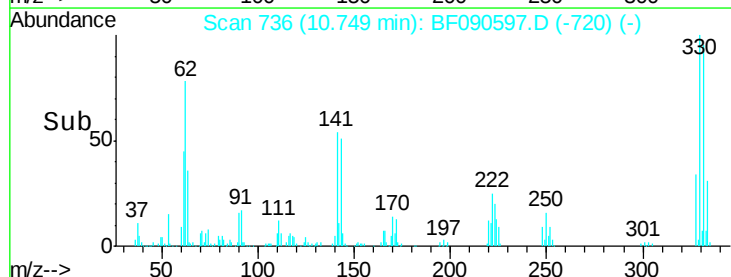
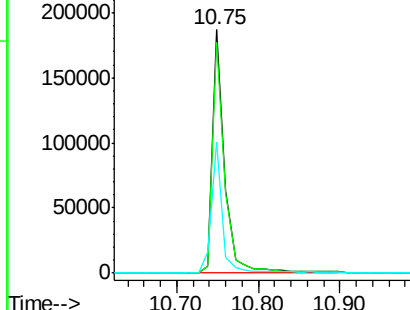


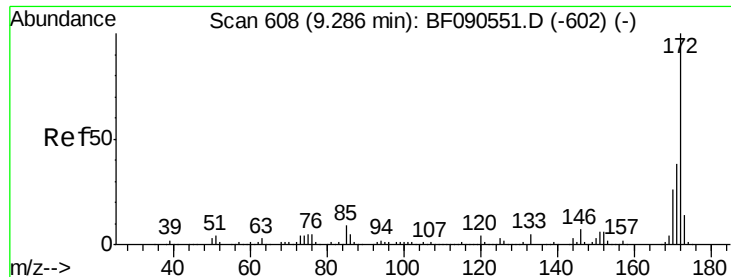
#41
 2,4,6-Tribromophenol
 Concen: 53.19 ng
 RT: 10.75 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF090597.D
 Acq: 15 Oct 2016 9:50

Tgt Ion:330 Resp: 199159
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.2 114.2
 141 49.8 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

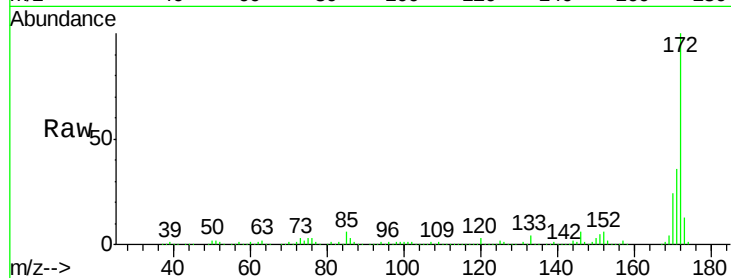




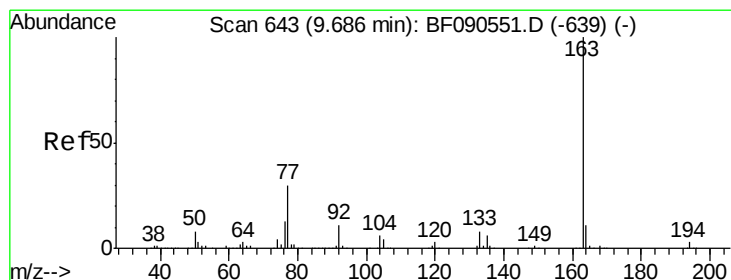
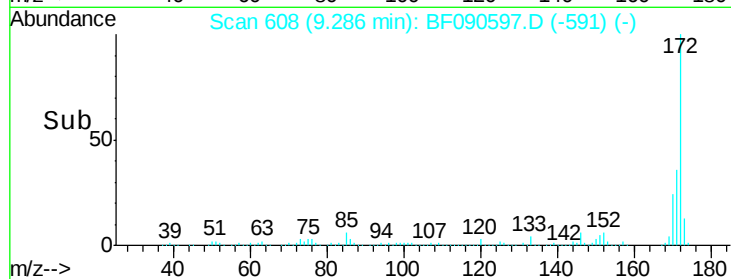
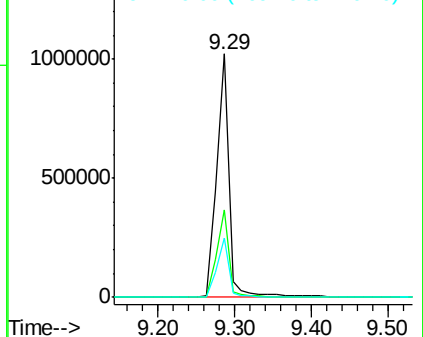
#44
 2-Fluorobiphenyl
 Concen: 44.63 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090597.D
 Acq: 15 Oct 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 5

Tgt Ion:172 Resp: 1137606
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.1 45.1
 170 24.4 20.6 30.8

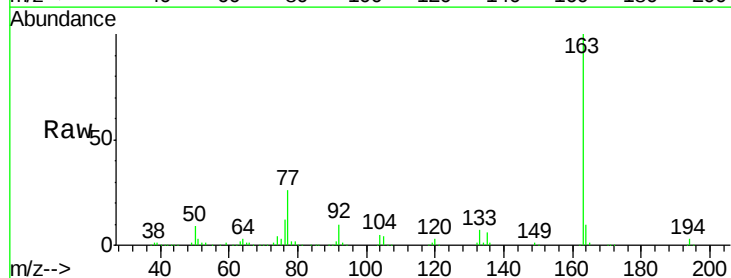


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

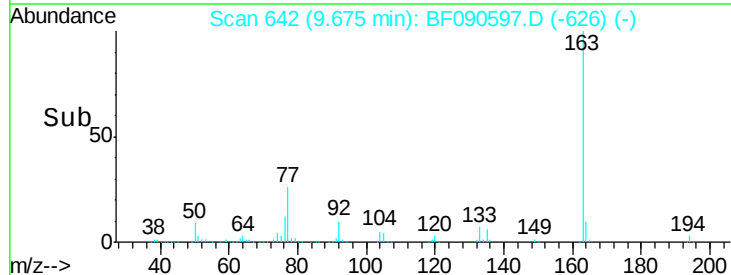
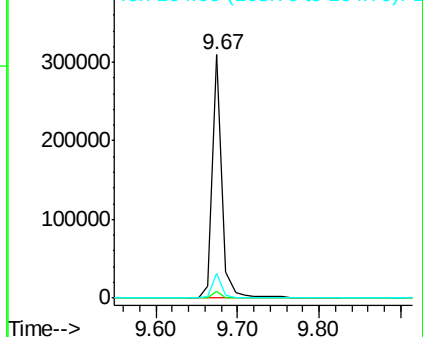


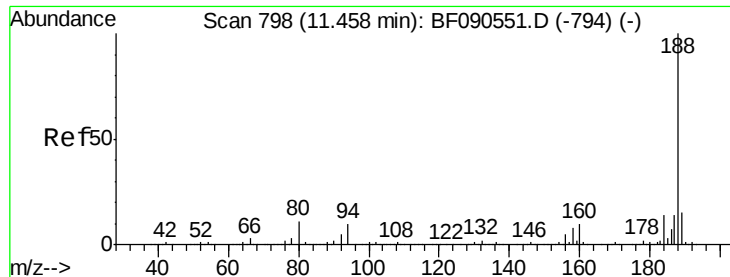
#49
 Dimethylphthalate
 Concen: 9.61 ng
 RT: 9.67 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF090597.D
 Acq: 15 Oct 2016 9:50

Tgt Ion:163 Resp: 261740
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.3 3.5
 164 10.3 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: BF090597.D

Acq: 15 Oct 2016 9:50

Instrument :

BNA_F

ClientSampleId :

5

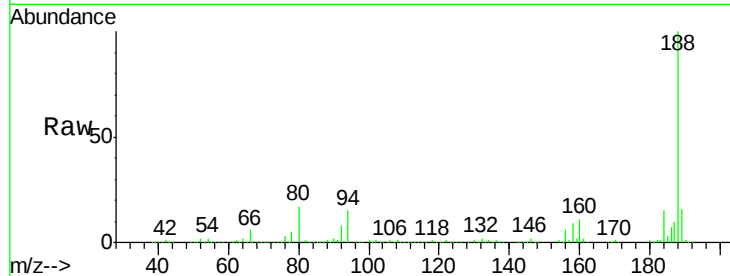
Tgt Ion:188 Resp: 545027

Ion Ratio Lower Upper

188 100

94 14.7 7.7 11.5#

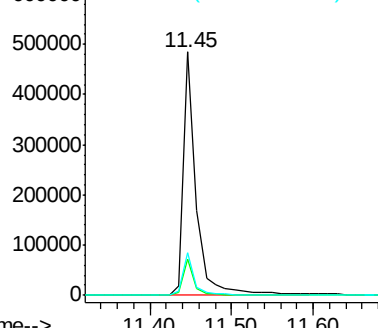
80 17.3 8.6 12.8#



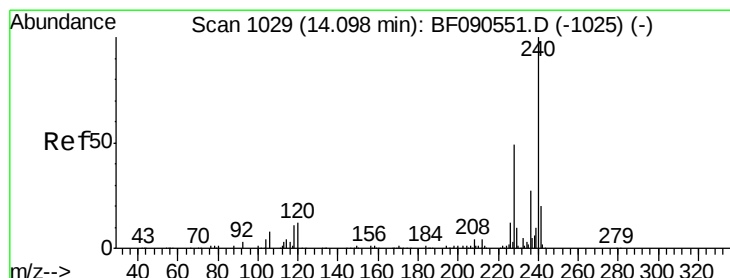
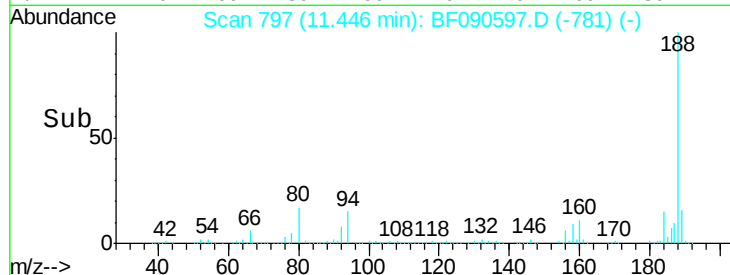
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF090597.D

Acq: 15 Oct 2016 9:50

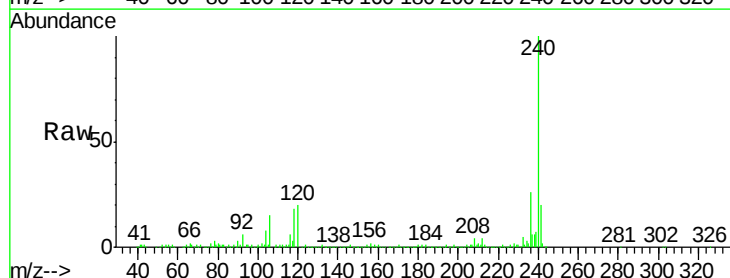
Tgt Ion:240 Resp: 377804

Ion Ratio Lower Upper

240 100

120 19.8 9.8 14.8#

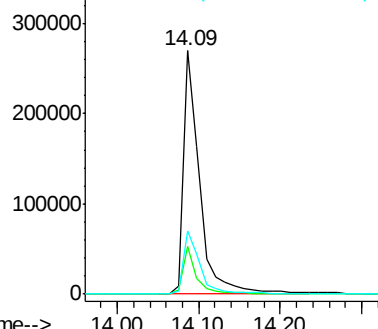
236 26.2 21.7 32.5



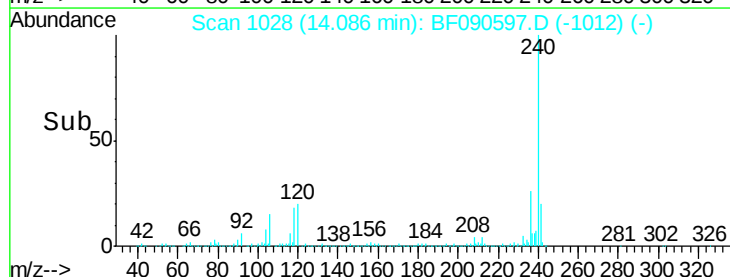
Abundance Ion 240.00 (239.70 to 240.70): E

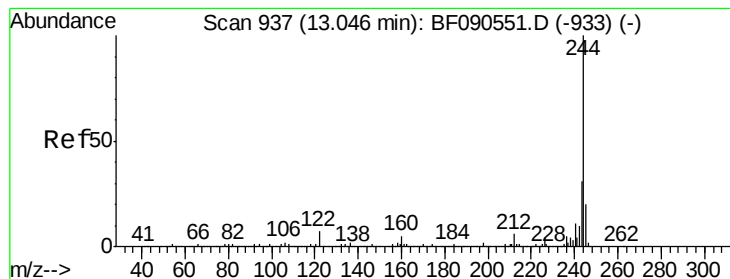
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 46.98 ng

RT: 13.03 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF090597.D

Acq: 15 Oct 2016 9:50

Instrument :

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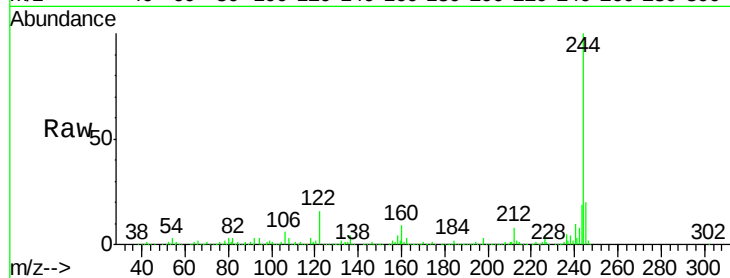
Tgt Ion:244 Resp: 762282

Ion Ratio Lower Upper

244 100

212 7.6 5.0 7.4#

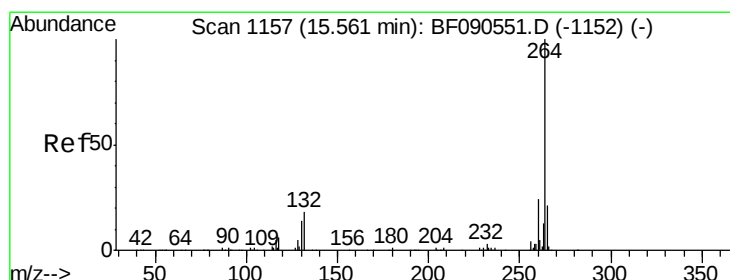
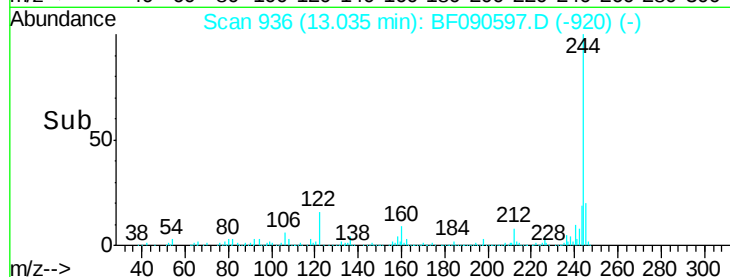
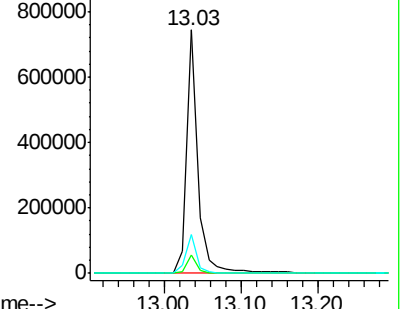
122 15.8 5.6 8.4#



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: BF090597.D

Acq: 15 Oct 2016 9:50

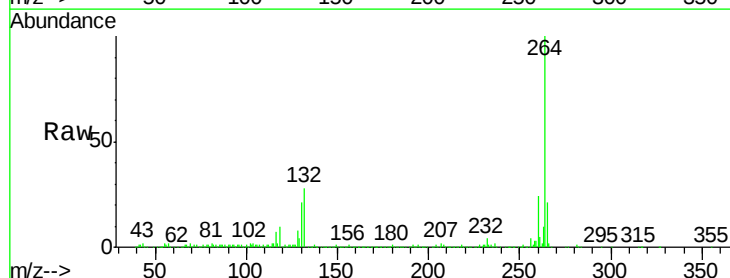
Tgt Ion:264 Resp: 344148

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 21.2 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

