

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
 Data File : BF090932.D
 Acq On : 31 Oct 2016 17:05
 Operator : UM/SJ
 Sample : H5463-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(8-10)

Quant Time: Nov 01 13:12:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

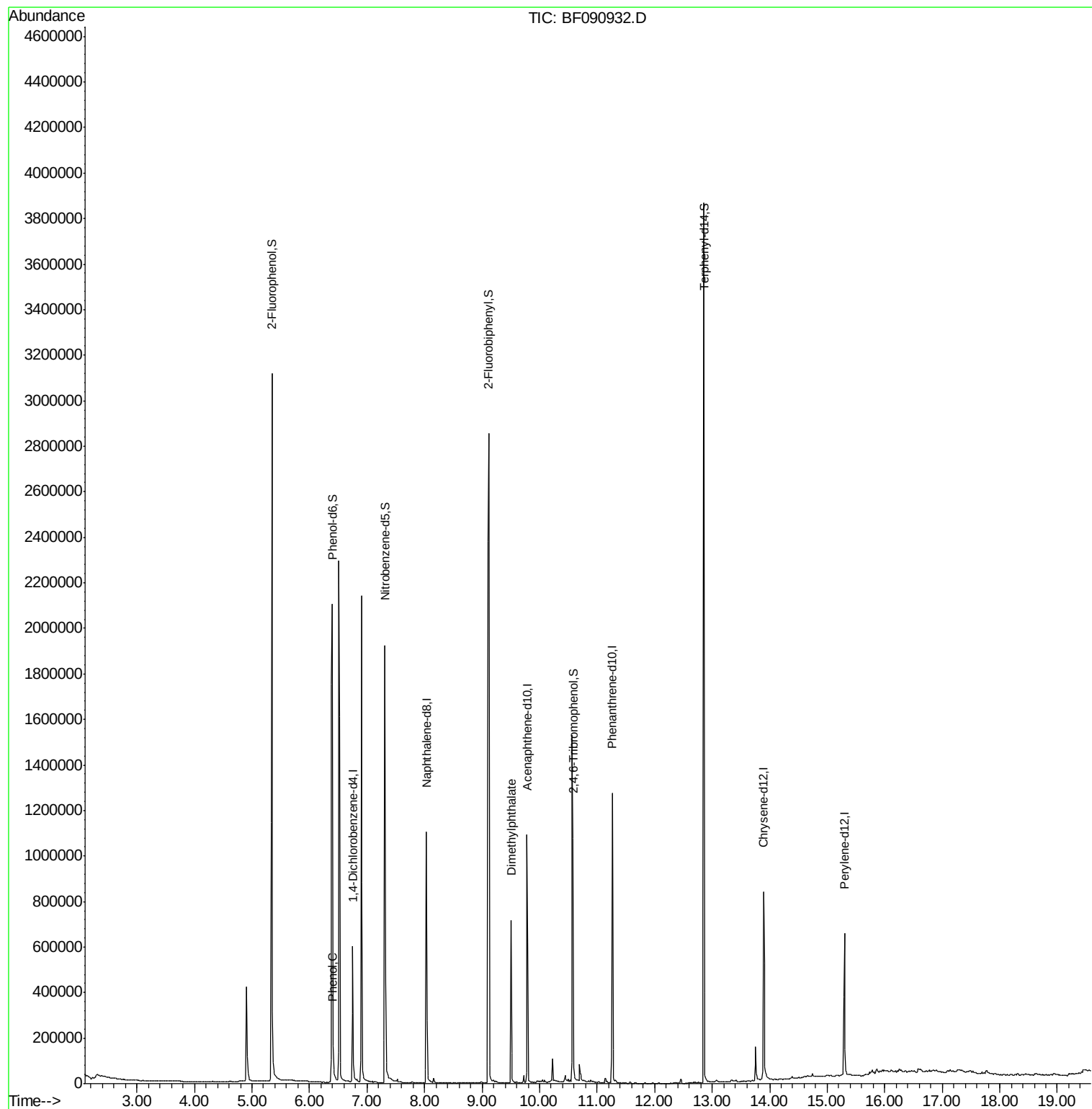
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	127798	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	540130	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	277374	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	476608	20.00	ng	0.00
75) Chrysene-d12	13.89	240	390180	20.00	ng	-0.01
86) Perylene-d12	15.30	264	315434	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	949162	129.86	ng	0.01
7) Phenol-d6	6.40	99	1171530	118.80	ng	0.00
23) Nitrobenzene-d5	7.31	82	720749	87.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	277343	97.30	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1304365	82.58	ng	0.00
78) Terphenyl-d14	12.85	244	1267775	81.86	ng	0.00
Target Compounds						
10) Phenol	6.41	94	32866	3.02	ng	Qvalue 78
49) Dimethylphthalate	9.50	163	269144	14.52	ng	# 97

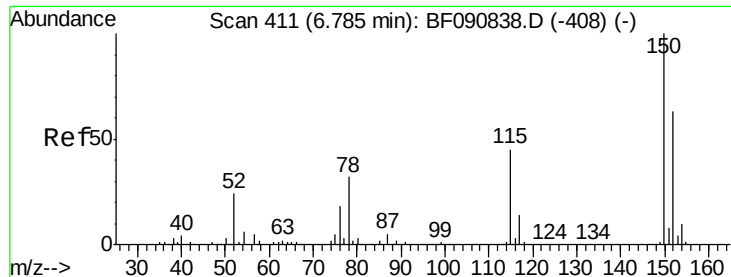
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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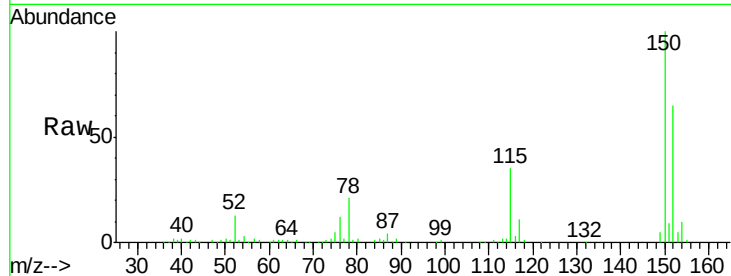


#1

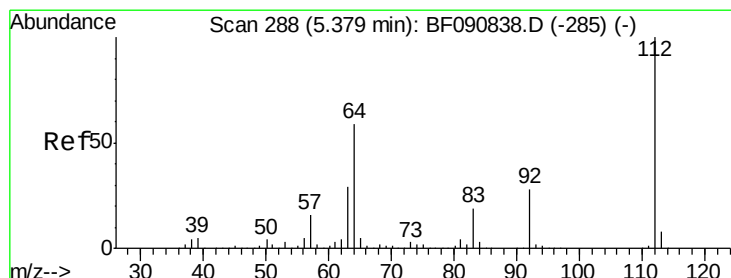
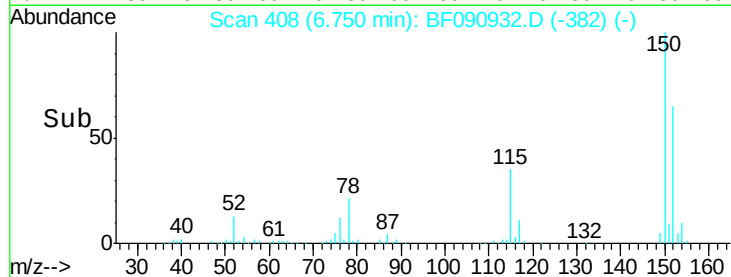
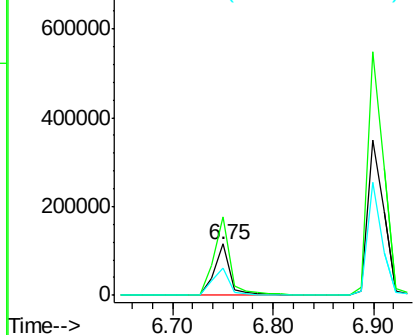
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF090932.D
Acq: 31 Oct 2016 17:05

Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)

Tgt Ion:152 Resp: 127798
Ion Ratio Lower Upper
152 100
150 153.2 124.7 187.1
115 54.2 39.0 58.4



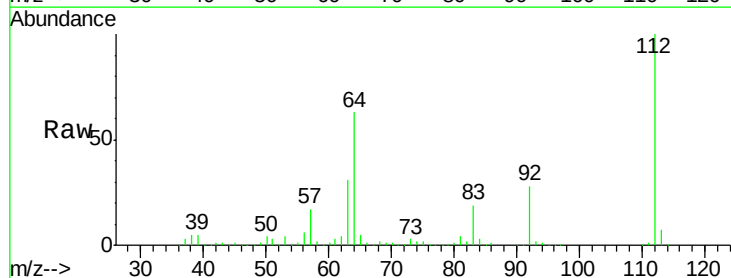
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



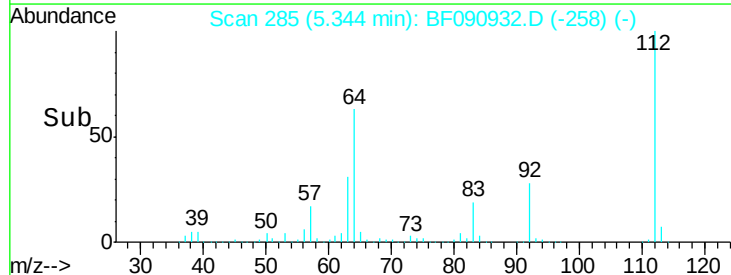
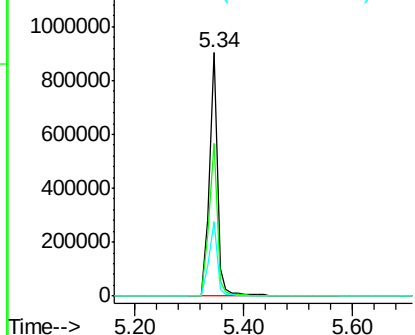
#5

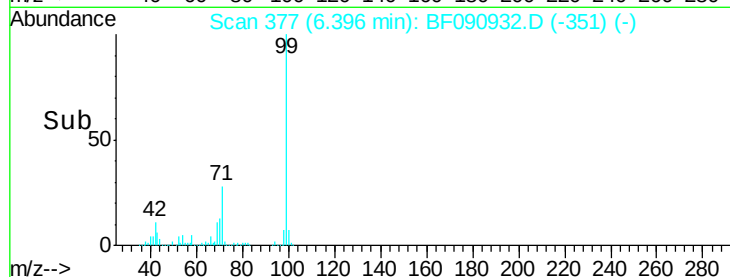
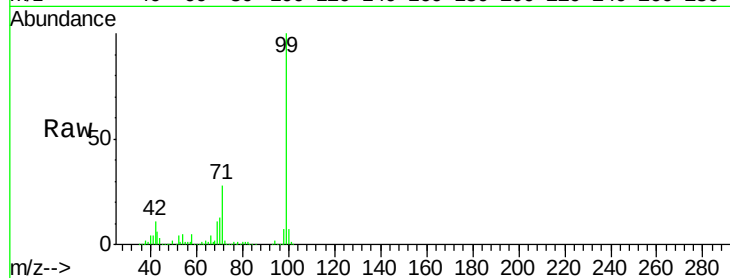
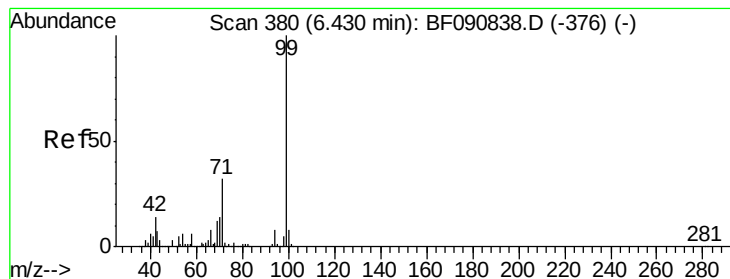
2-Fluorophenol
Concen: 129.86 ng
RT: 5.34 min Scan# 285
Delta R.T. 0.01 min
Lab File: BF090932.D
Acq: 31 Oct 2016 17:05

Tgt Ion:112 Resp: 949162
Ion Ratio Lower Upper
112 100
64 62.6 39.7 59.5#
63 30.7 17.4 26.0#



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: 118.80 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF090932.D

Acq: 31 Oct 2016 17:05

Instrument :

BNA_F

ClientSampleId :

SB-2(8-10)

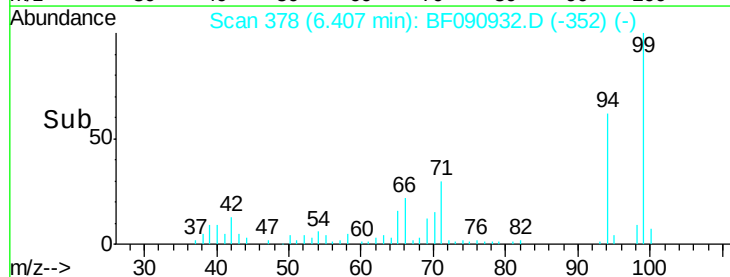
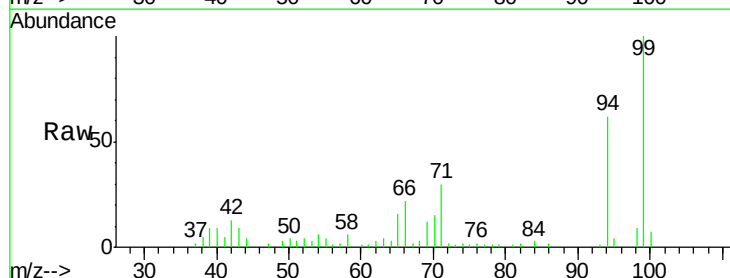
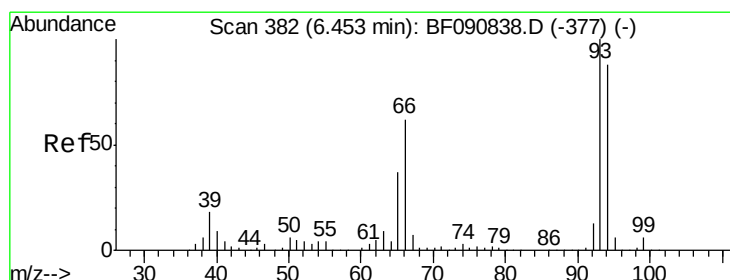
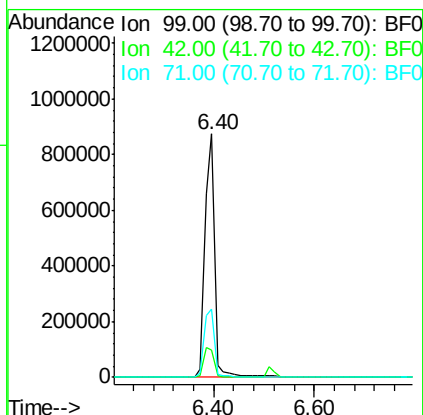
Tgt Ion: 99 Resp: 1171530

Ion Ratio Lower Upper

99 100

42 11.0 13.7 20.5#

71 28.2 14.2 21.2#



#10

Phenol

Concen: 3.02 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF090932.D

Acq: 31 Oct 2016 17:05

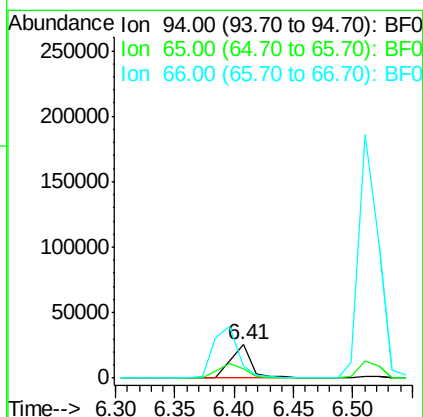
Tgt Ion: 94 Resp: 32866

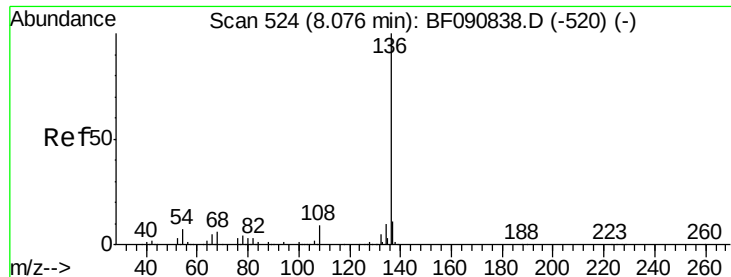
Ion Ratio Lower Upper

94 100

65 26.2 0.7 40.7

66 35.6 0.8 40.8

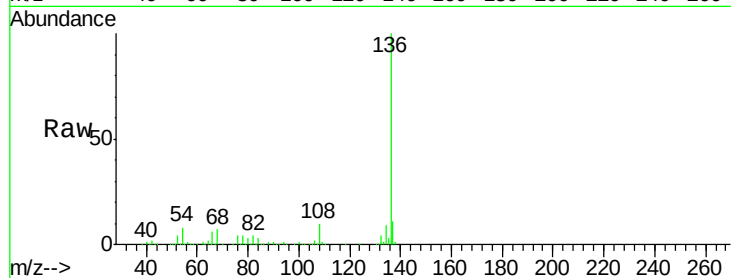




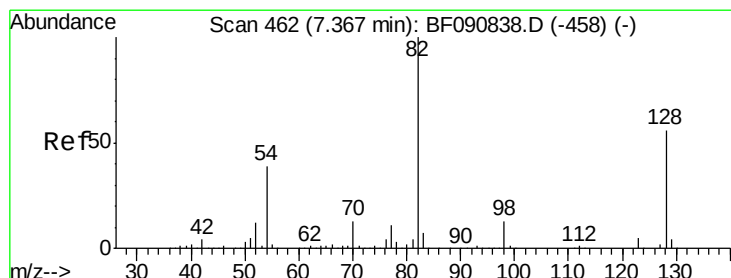
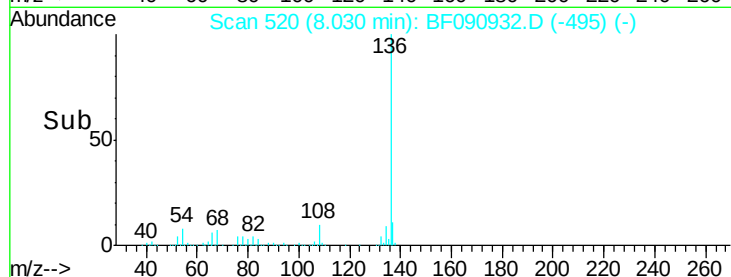
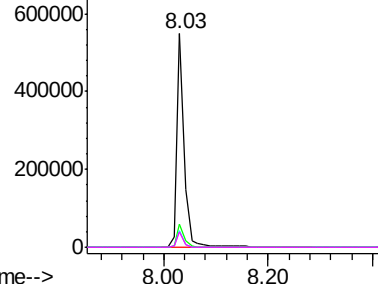
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF090932.D
Acq: 31 Oct 2016 17:05

Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)

Tgt Ion:	136	Resp:	540130
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	8.0	8.2	12.2#
68	7.5	5.8	8.6

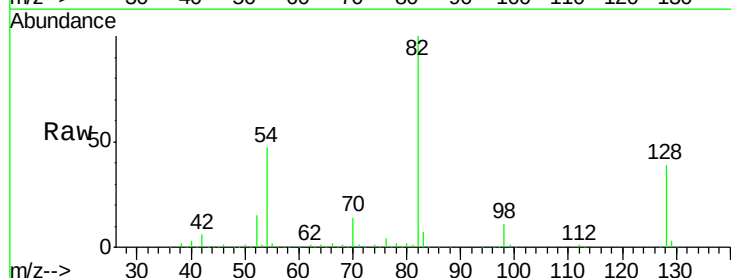


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

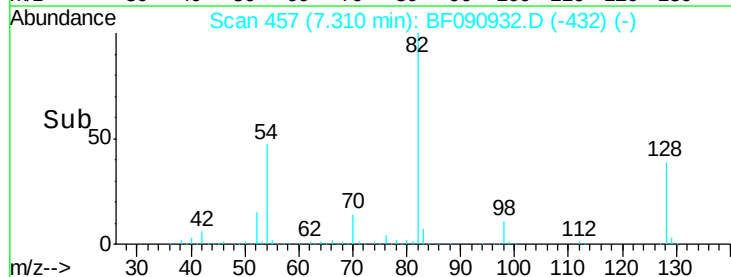
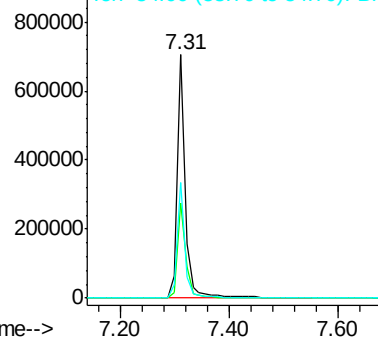


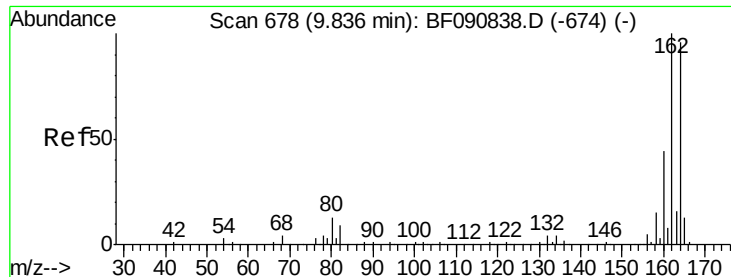
#23
Nitrobenzene-d5
Concen: 87.35 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF090932.D
Acq: 31 Oct 2016 17:05

Tgt Ion:	82	Resp:	720749
Ion	Ratio	Lower	Upper
82	100		
128	39.0	51.0	76.6#
54	47.4	47.5	71.3#



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: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF090932.D

Acq: 31 Oct 2016 17:05

Instrument :

BNA_F

ClientSampleId :

SB-2(8-10)

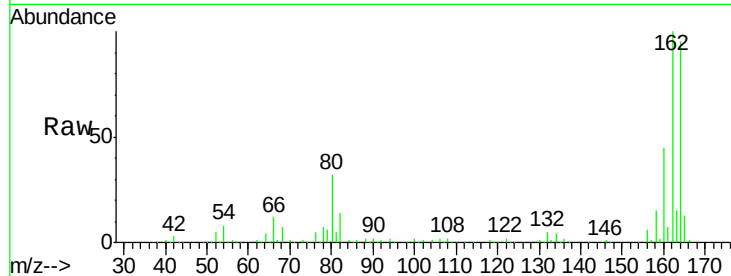
Tgt Ion:164 Resp: 277374

Ion Ratio Lower Upper

164 100

162 104.9 75.2 112.8

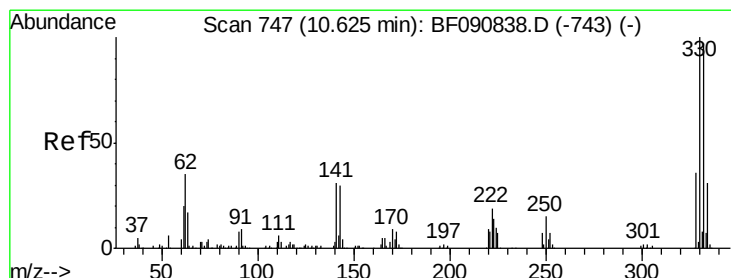
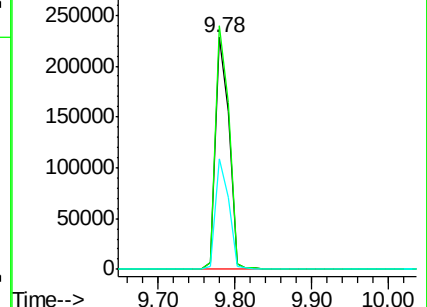
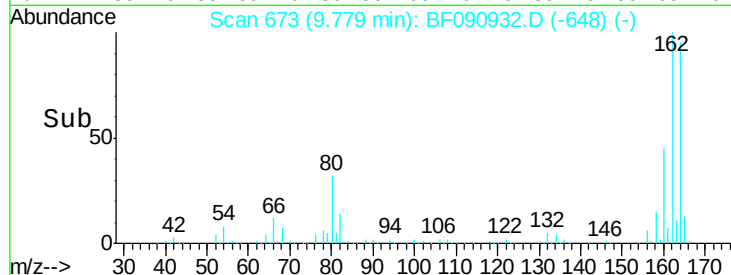
160 47.6 31.5 47.3#



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: 97.30 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF090932.D

Acq: 31 Oct 2016 17:05

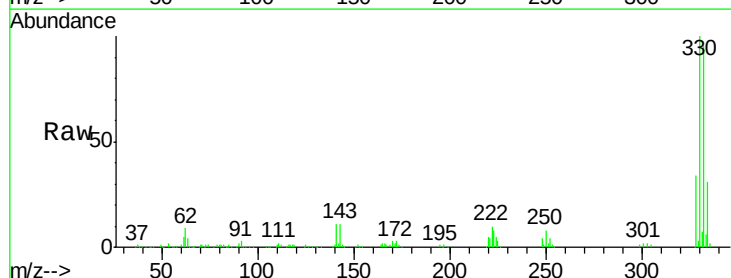
Tgt Ion:330 Resp: 277343

Ion Ratio Lower Upper

330 100

332 95.6 76.6 114.8

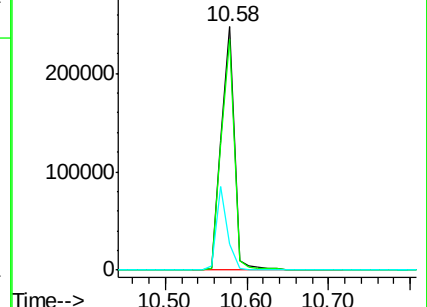
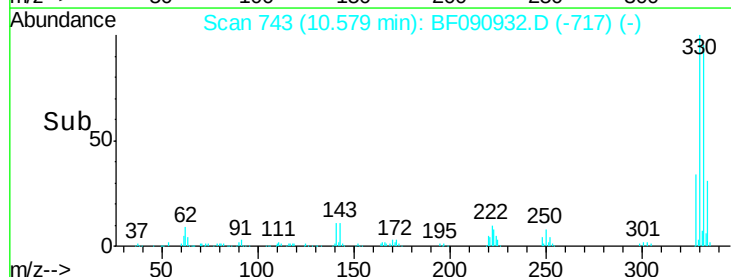
141 29.8 29.7 44.5

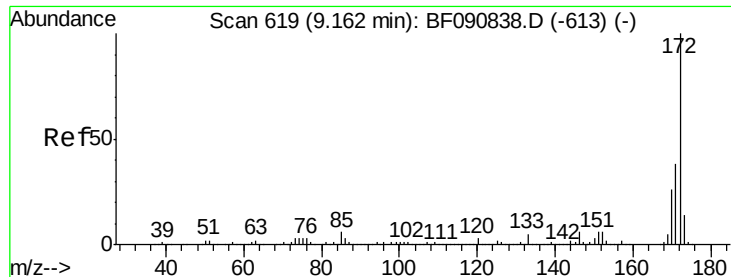


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

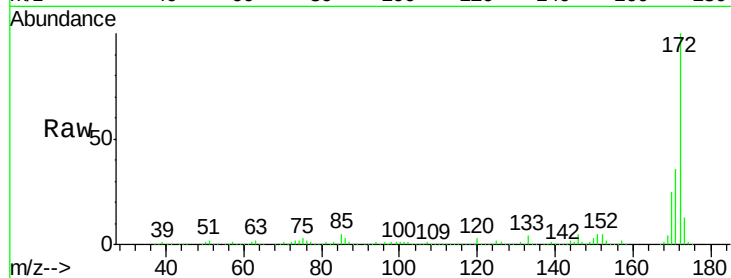




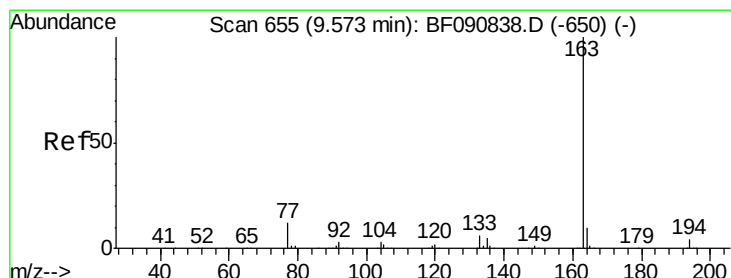
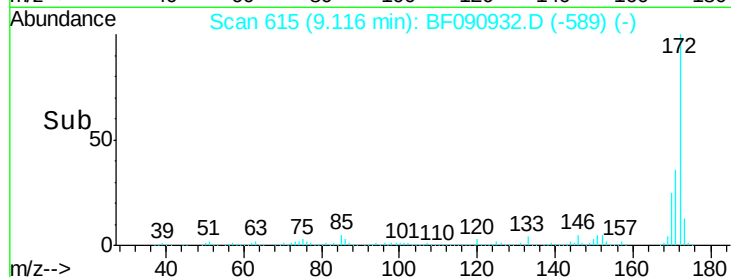
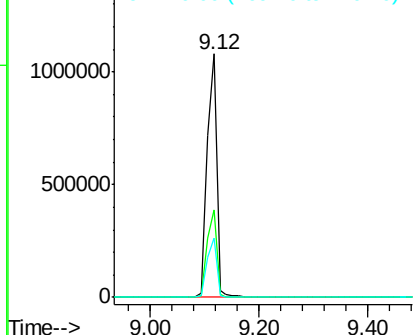
#44
 2-Fluorobiphenyl
 Concen: 82.58 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF090932.D
 Acq: 31 Oct 2016 17:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(8-10)

Tgt Ion:172 Resp: 1304365
 Ion Ratio Lower Upper
 172 100
 171 35.9 26.1 39.1
 170 24.5 17.4 26.2

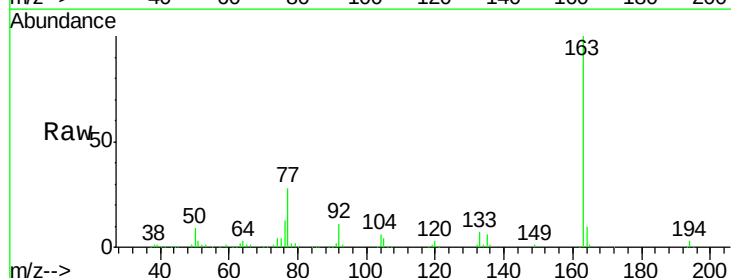


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

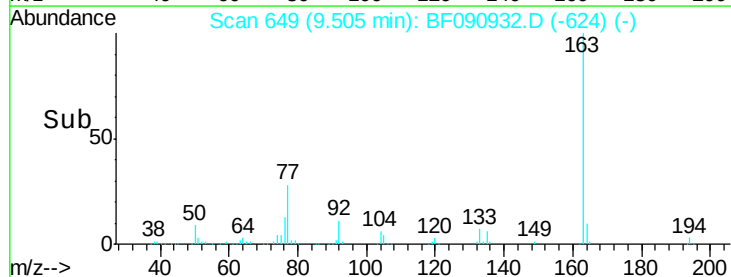
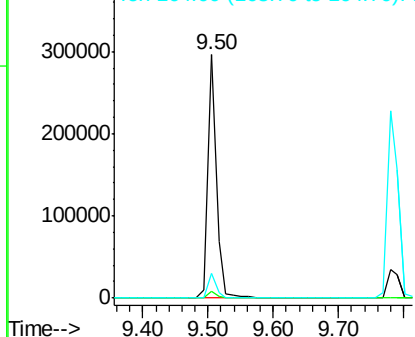


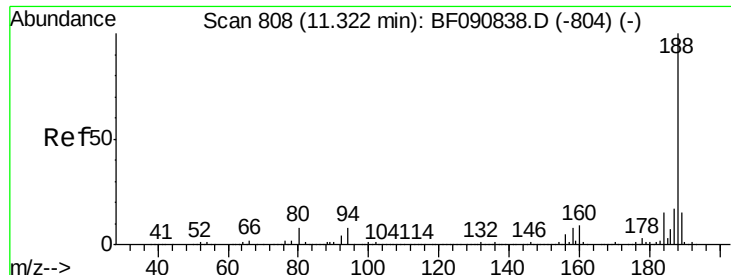
#49
 Dimethylphthalate
 Concen: 14.52 ng
 RT: 9.50 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BF090932.D
 Acq: 31 Oct 2016 17:05

Tgt Ion:163 Resp: 269144
 Ion Ratio Lower Upper
 163 100
 194 2.9 4.4 6.6#
 164 10.2 8.3 12.5



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

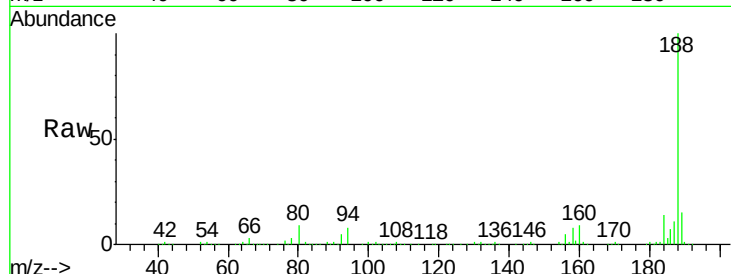




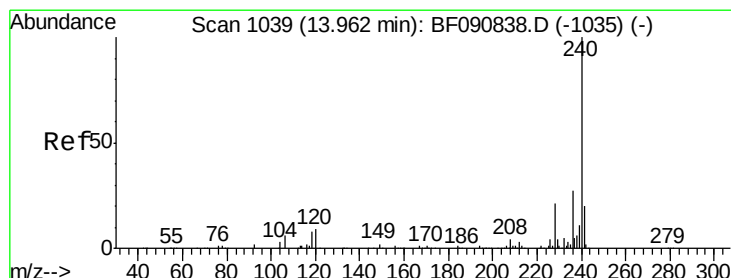
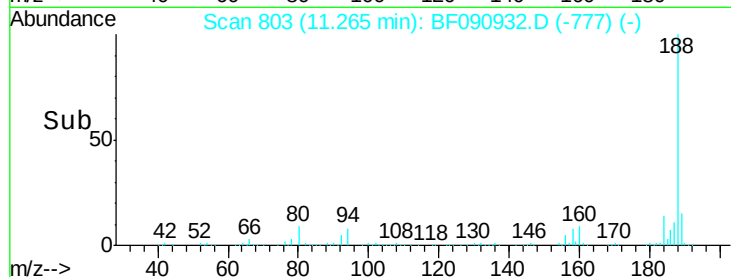
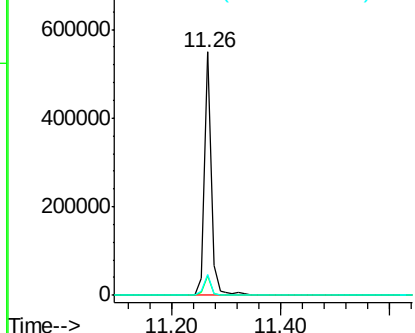
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF090932.D
Acq: 31 Oct 2016 17:05

Instrument :
BNA_F
ClientSampleId :
SB-2(8-10)

Tgt Ion:188 Resp: 476608
Ion Ratio Lower Upper
188 100
94 8.2 11.1 16.7#
80 8.7 11.0 16.4#

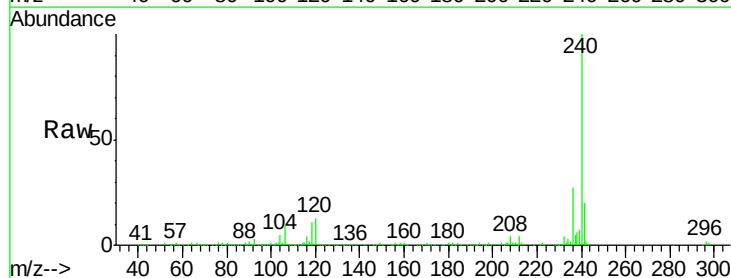


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

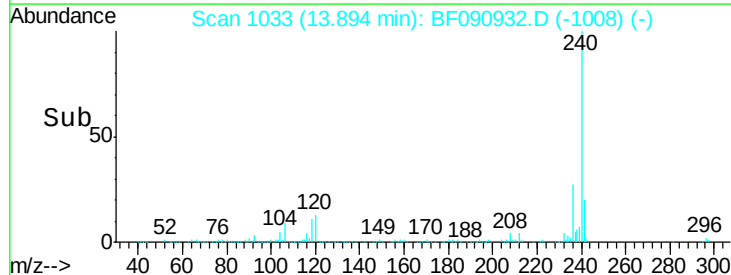
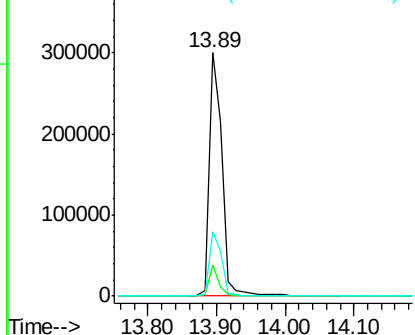


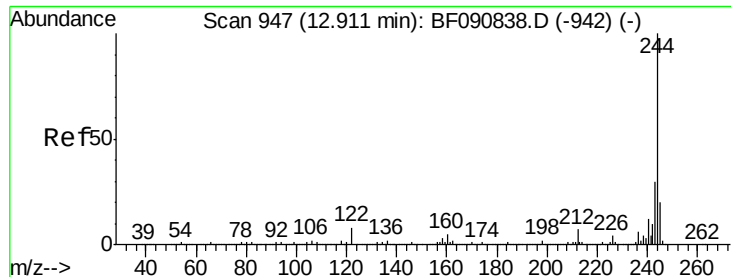
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF090932.D
Acq: 31 Oct 2016 17:05

Tgt Ion:240 Resp: 390180
Ion Ratio Lower Upper
240 100
120 12.8 16.2 24.2#
236 26.7 18.4 27.6



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: 81.86 ng

RT: 12.85 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF090932.D

Acq: 31 Oct 2016 17:05

Instrument :

BNA_F

ClientSampleId :

SB-2(8-10)

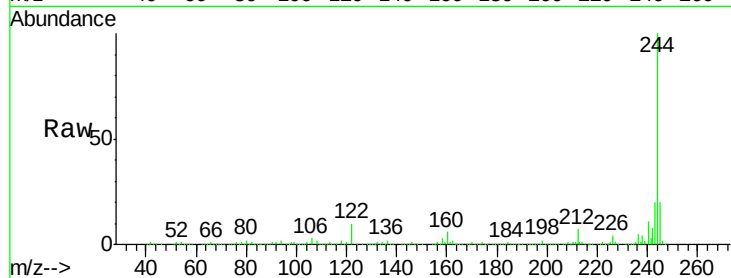
Tgt Ion:244 Resp: 1267775

Ion Ratio Lower Upper

244 100

212 6.7 4.3 6.5#

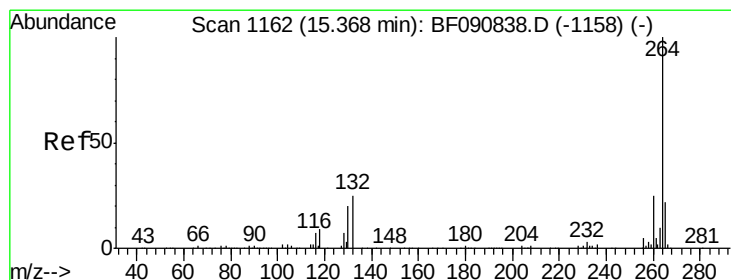
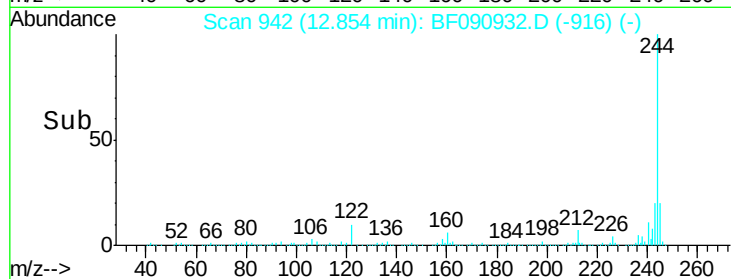
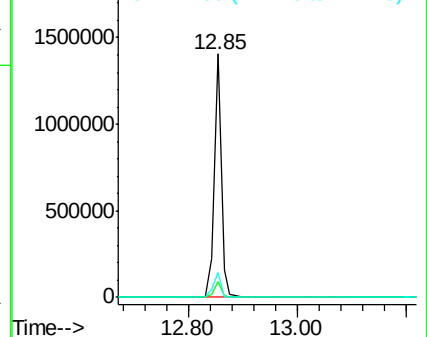
122 10.4 17.4 26.2#



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: 15.30 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF090932.D

Acq: 31 Oct 2016 17:05

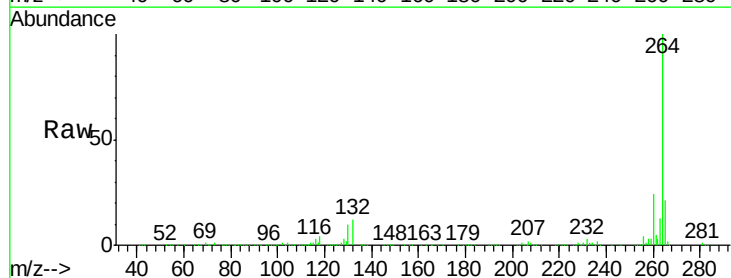
Tgt Ion:264 Resp: 315434

Ion Ratio Lower Upper

264 100

260 24.2 16.7 25.1

265 21.5 17.2 25.8



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

