

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090365.D
 Acq On : 5 Oct 2016 1:56
 Operator : UM/SJ
 Sample : H5065-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-BC-1-10032016

Quant Time: Oct 05 03:04:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 14:16:07 2016
 Response via : Initial Calibration

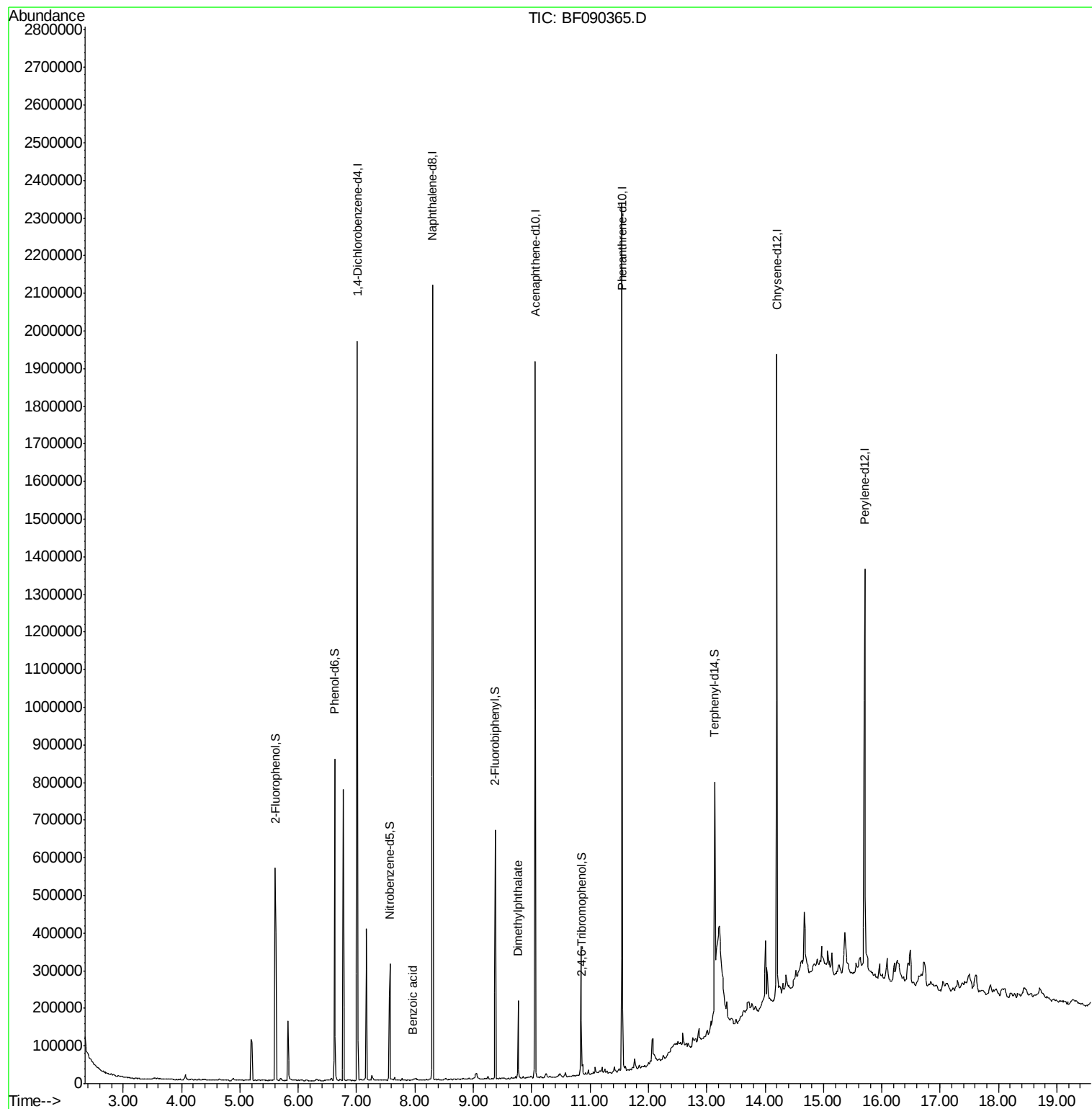
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	252436	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	967817	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	447398	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	689055	20.00	ng	0.00
75) Chrysene-d12	14.20	240	602707	20.00	ng	0.00
86) Perylene-d12	15.71	264	461012	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	183011	11.43	ng	0.00
7) Phenol-d6	6.62	99	246589	12.33	ng	0.00
23) Nitrobenzene-d5	7.57	82	132294	7.97	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	31096	8.00	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	201847	7.36	ng	0.00
78) Terphenyl-d14	13.14	244	156834	6.06	ng	0.00
Target Compounds						
32) Benzoic acid	7.97	122	641	5.32	ng	# 71
49) Dimethylphthalate	9.77	163	67052	2.53	ng	# 96

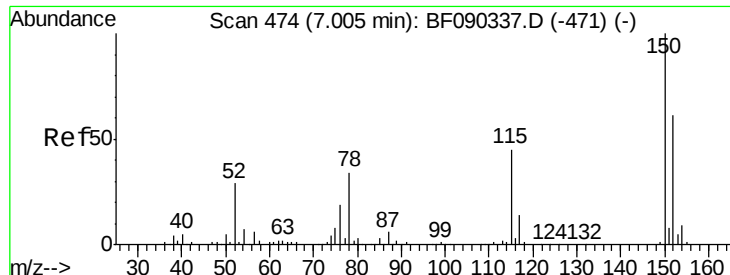
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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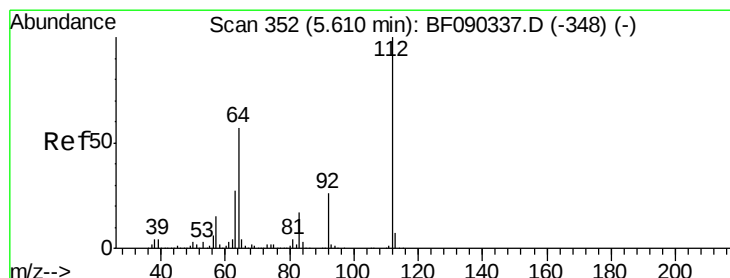
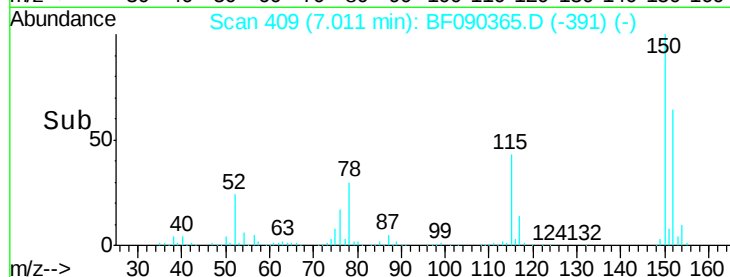
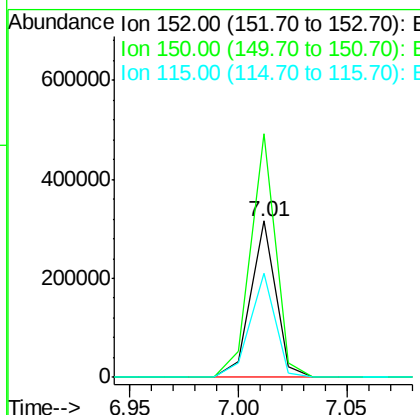
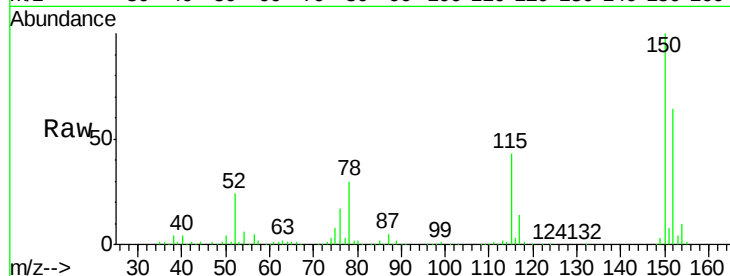




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.01 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: BF090365.D
 Acq: 5 Oct 2016 1:56

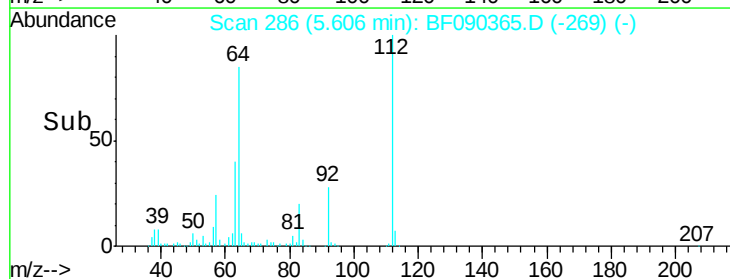
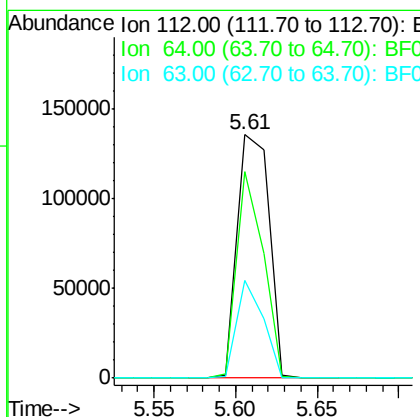
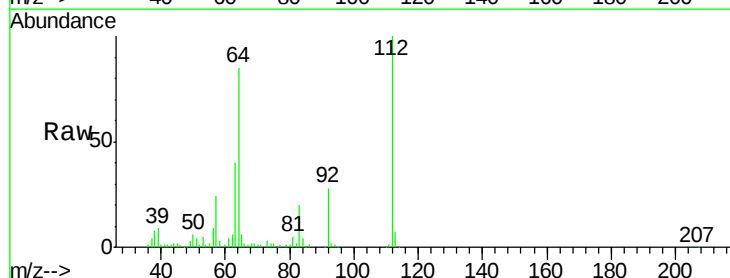
Instrument :
 BNA_F
 ClientSampleId :
 SB-BC-1-10032016

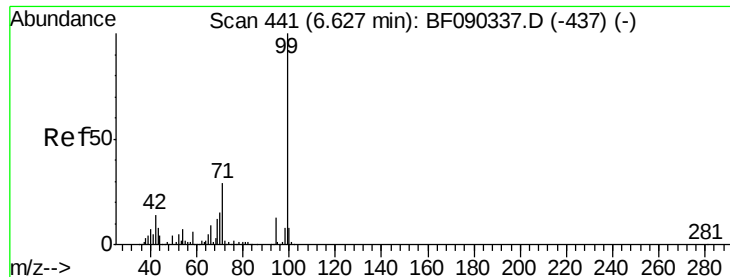
Tgt Ion:152 Resp: 252436
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.6 186.8
 115 66.4 46.2 69.4



#5
 2-Fluorophenol
 Concen: 11.43 ng
 RT: 5.61 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: BF090365.D
 Acq: 5 Oct 2016 1:56

Tgt Ion:112 Resp: 183011
 Ion Ratio Lower Upper
 112 100
 64 85.0 57.9 86.9
 63 40.3 29.6 44.4





#7

Phenol-d6

Concen: 12.33 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090365.D

Acq: 5 Oct 2016 1:56

Instrument :

BNA_F

ClientSampleId :

SB-BC-1-10032016

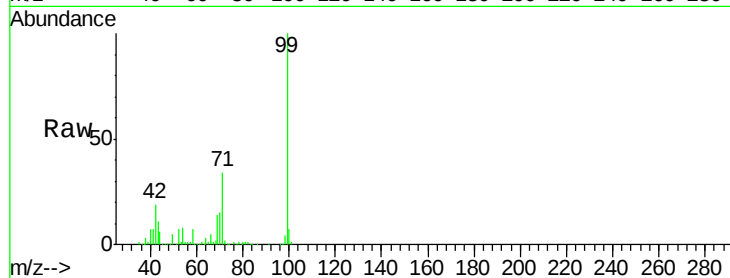
Tgt Ion: 99 Resp: 246589

Ion Ratio Lower Upper

99 100

42 19.2 20.0 30.0#

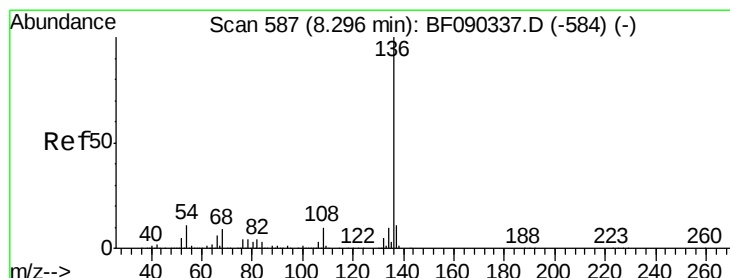
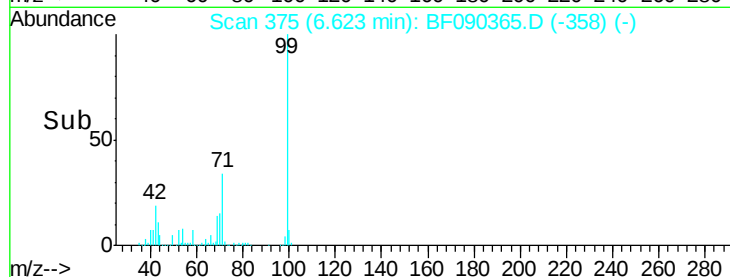
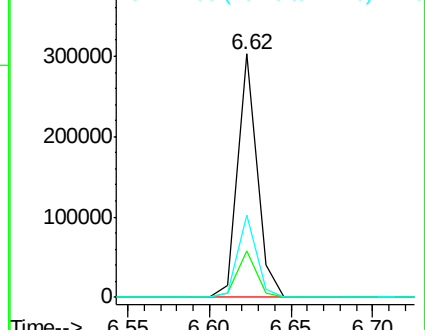
71 33.8 27.9 41.9



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: 8.30 min Scan# 522

Delta R.T. 0.01 min

Lab File: BF090365.D

Acq: 5 Oct 2016 1:56

Tgt Ion: 136 Resp: 967817

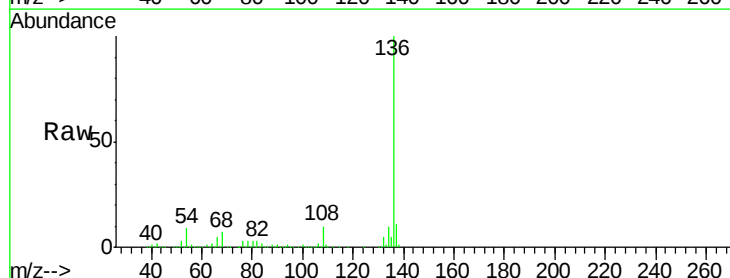
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 8.5 6.6 10.0

68 7.4 5.0 7.6

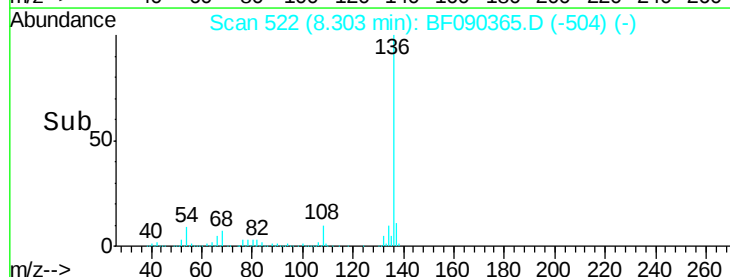
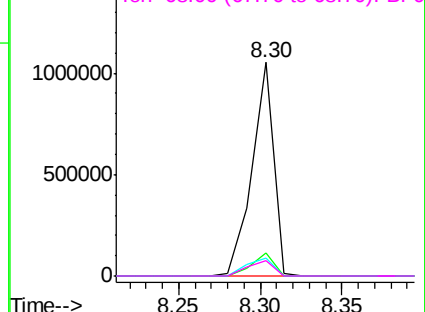


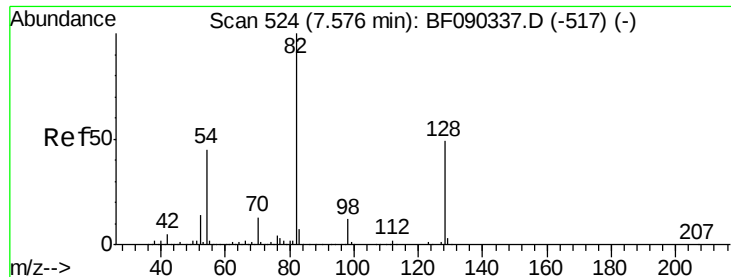
Abundance Ion 136.00 (135.70 to 136.70): E

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

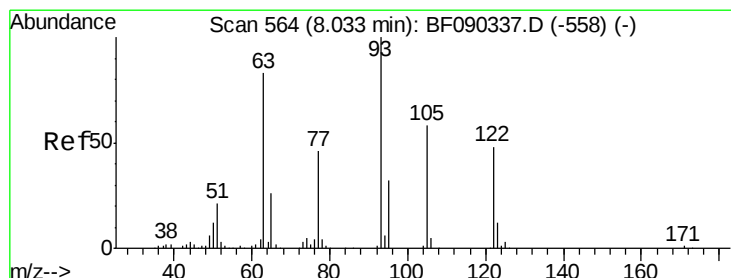
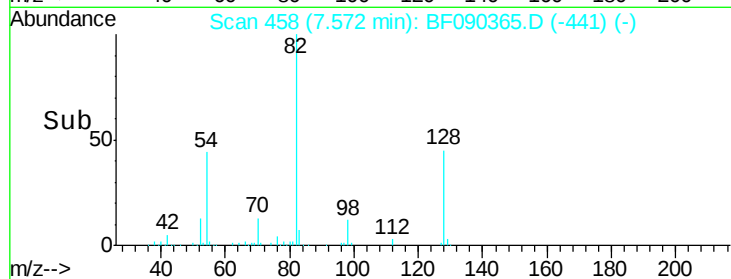
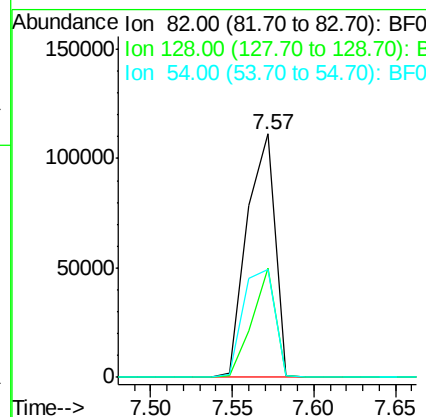
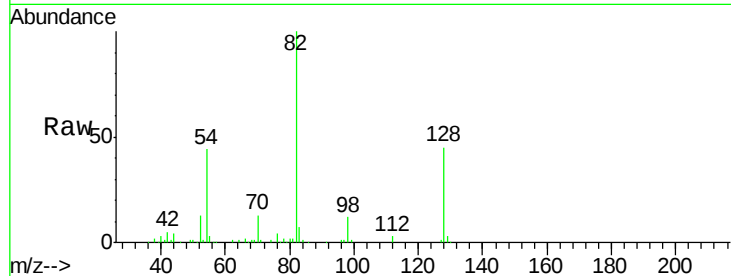




#23
 Nitrobenzene-d5
 Concen: 7.97 ng
 RT: 7.57 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF090365.D
 Acq: 5 Oct 2016 1:56

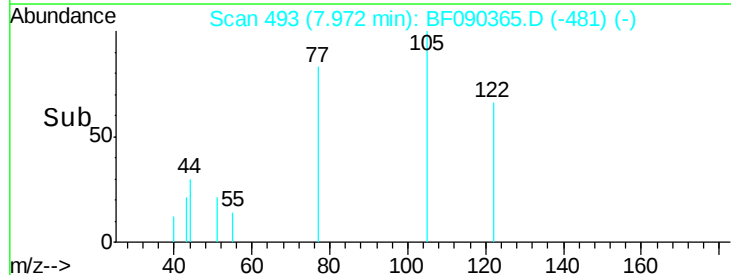
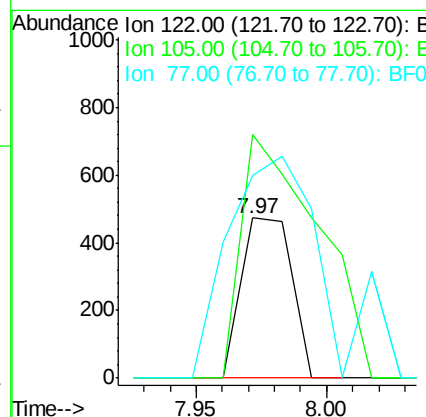
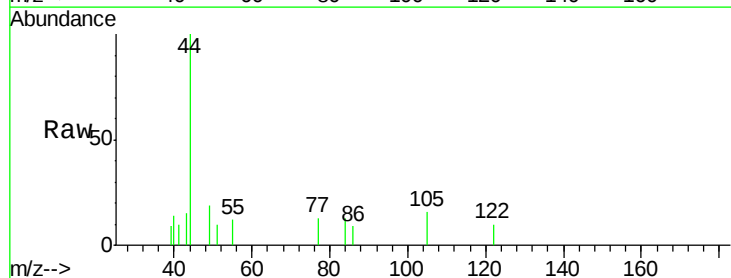
Instrument :
 BNA_F
 ClientSampleId :
 SB-BC-1-10032016

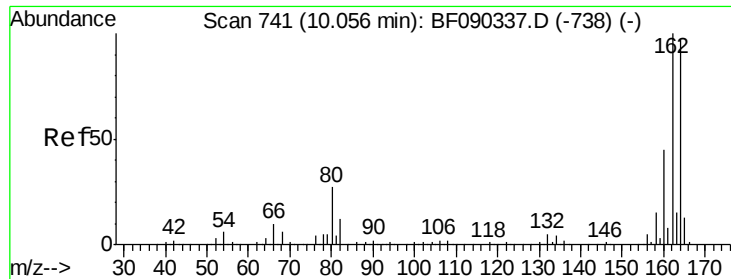
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.6	40.0	60.0
54	44.1	42.6	64.0



#32
 Benzoic acid
 Concen: 5.32 ng
 RT: 7.97 min Scan# 493
 Delta R.T. -0.06 min
 Lab File: BF090365.D
 Acq: 5 Oct 2016 1:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	152.2	103.9	143.9#
77	127.1	74.6	114.6#

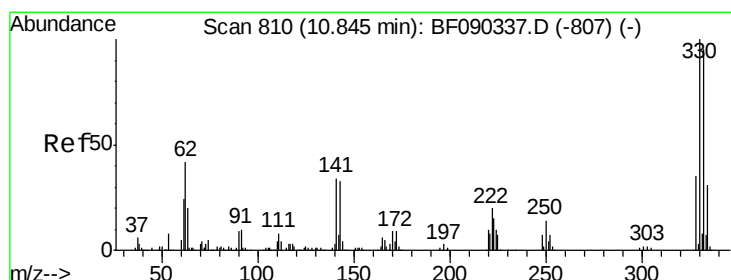
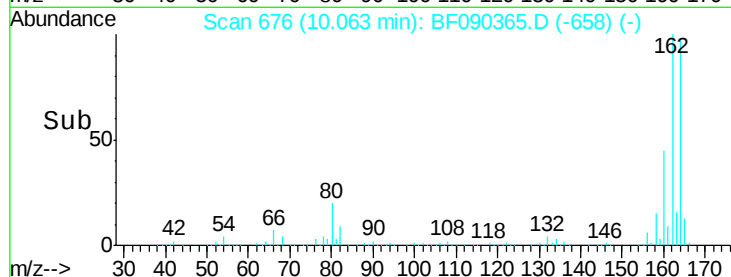
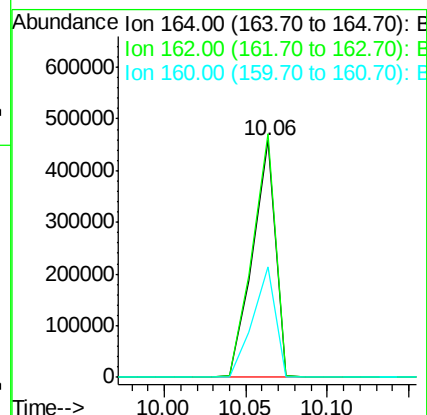
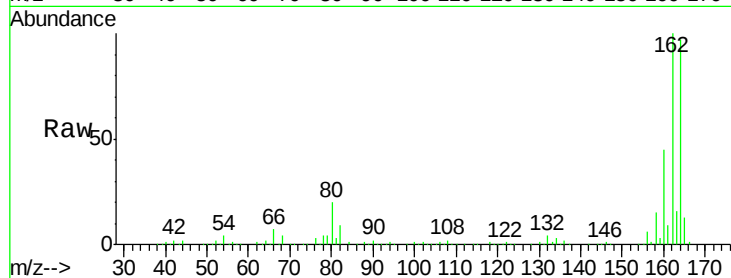




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.06 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: BF090365.D
 Acq: 5 Oct 2016 1:56

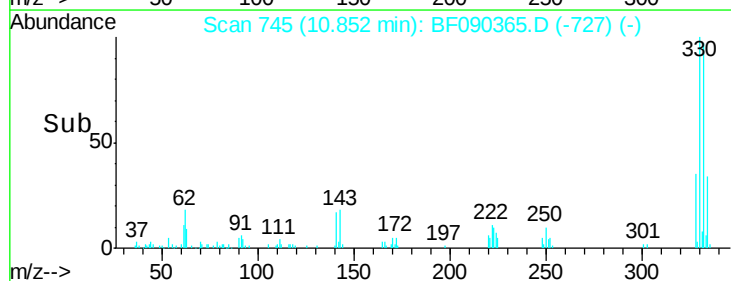
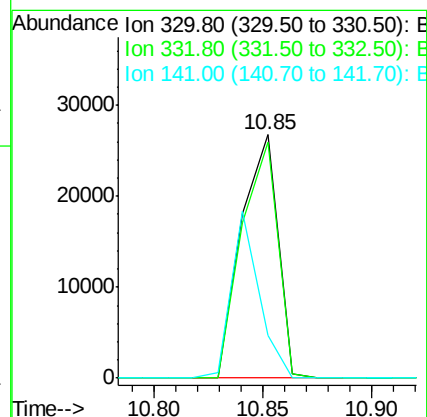
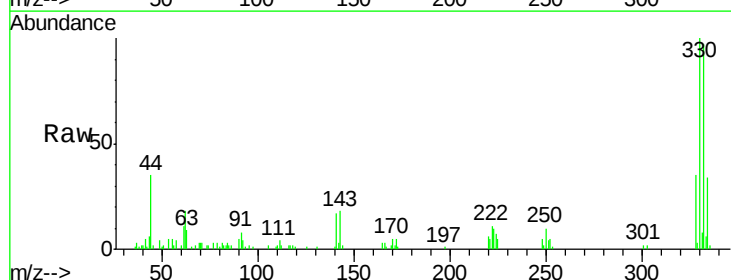
Instrument :
 BNA_F
 ClientSampleId :
 SB-BC-1-10032016

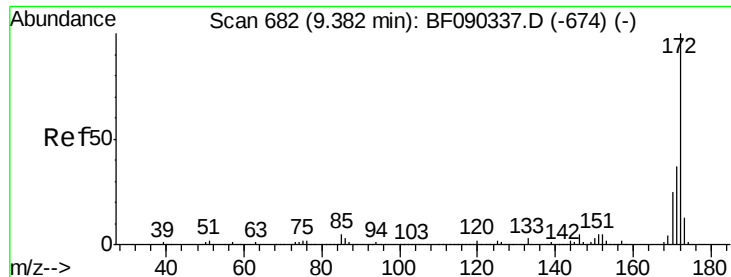
Tgt Ion:164 Resp: 447398
 Ion Ratio Lower Upper
 164 100
 162 102.8 80.1 120.1
 160 46.4 36.3 54.5



#41
 2,4,6-Tribromophenol
 Concen: 8.00 ng
 RT: 10.85 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF090365.D
 Acq: 5 Oct 2016 1:56

Tgt Ion:330 Resp: 31096
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.4 113.0
 141 52.2 26.9 40.3#

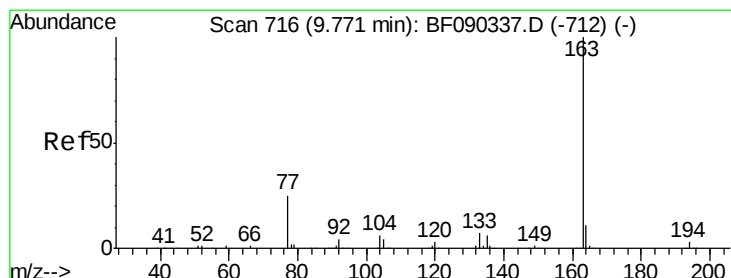
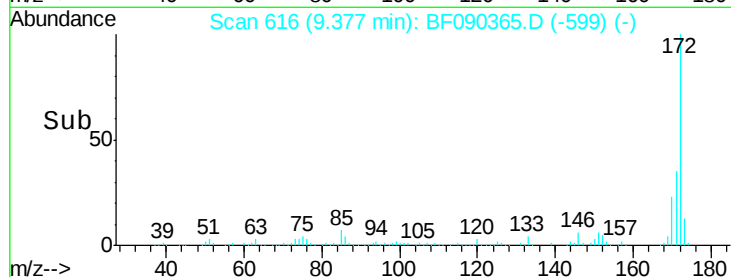
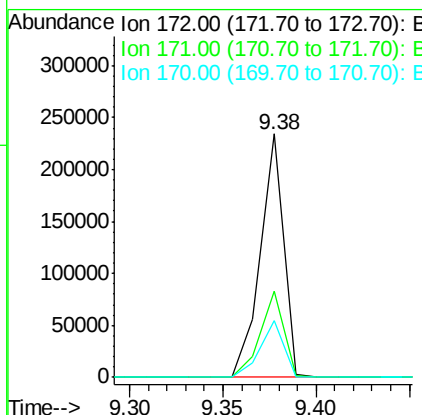
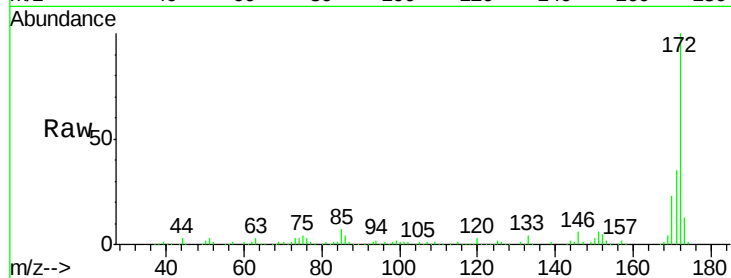




#44
 2-Fluorobiphenyl
 Concen: 7.36 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090365.D
 Acq: 5 Oct 2016 1:56

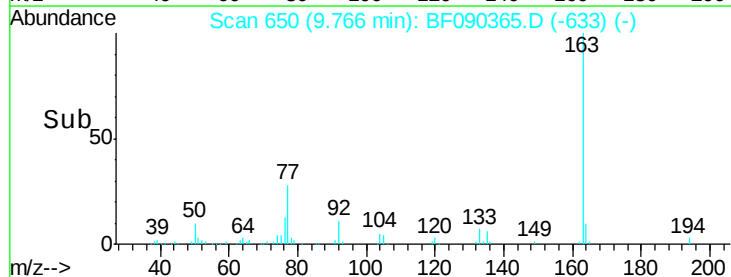
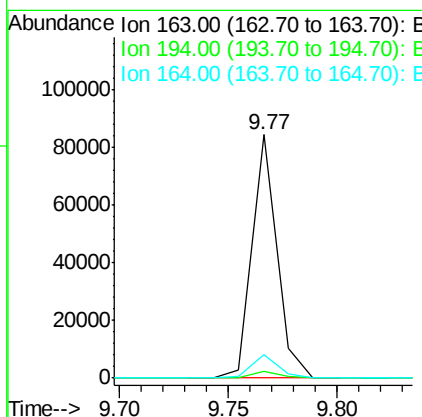
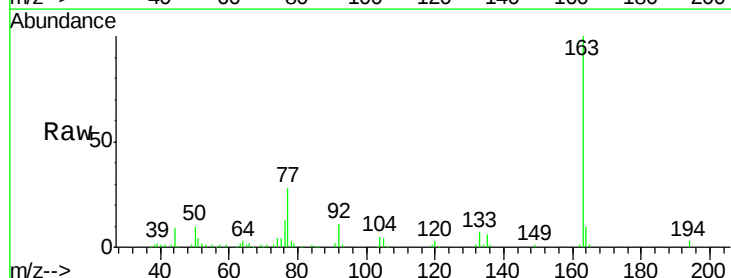
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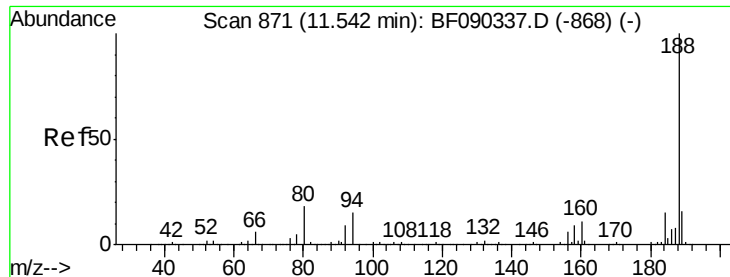
Tgt Ion:172 Resp: 201847
 Ion Ratio Lower Upper
 172 100
 171 35.2 31.8 47.8
 170 23.4 21.7 32.5



#49
 Dimethylphthalate
 Concen: 2.53 ng
 RT: 9.77 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF090365.D
 Acq: 5 Oct 2016 1:56

Tgt Ion:163 Resp: 67052
 Ion Ratio Lower Upper
 163 100
 194 2.6 2.8 4.2#
 164 9.6 9.0 13.4

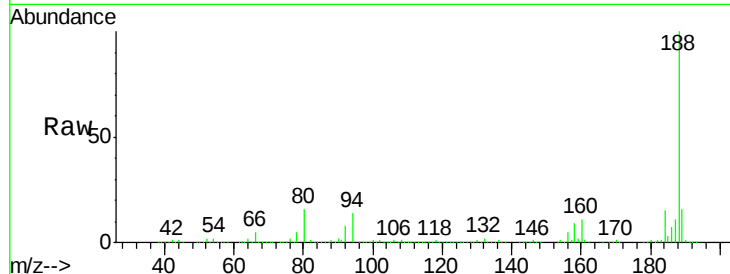




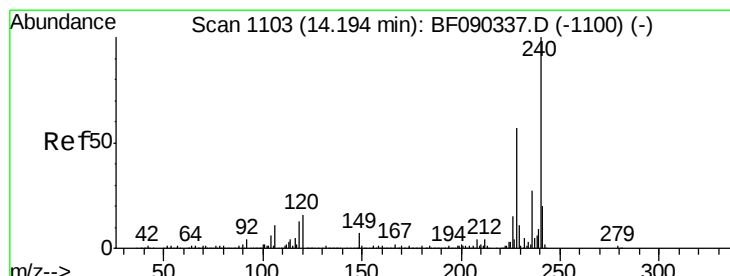
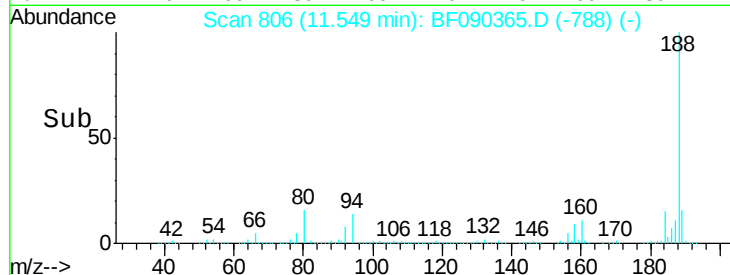
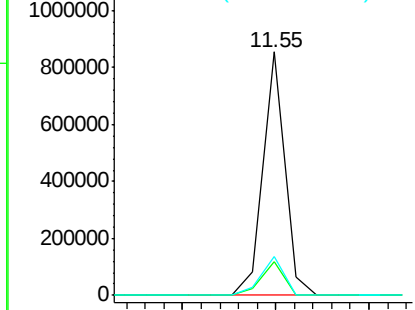
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF090365.D
Acq: 5 Oct 2016 1:56

Instrument :
BNA_F
ClientSampleId :
SB-BC-1-10032016

Tgt Ion:188 Resp: 689055
Ion Ratio Lower Upper
188 100
94 13.8 8.2 12.2#
80 16.2 8.8 13.2#

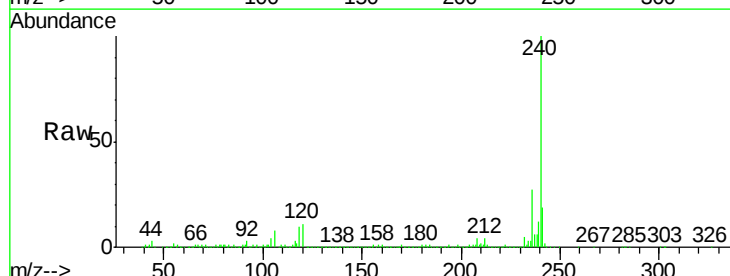


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

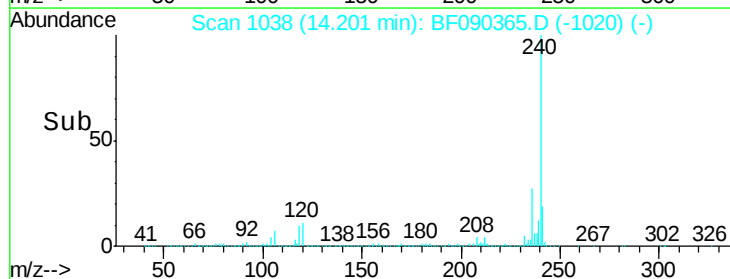
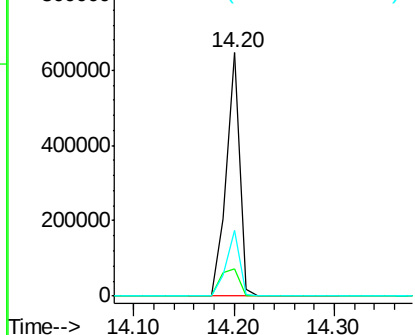


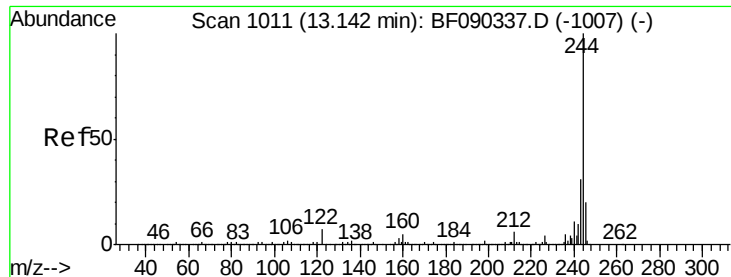
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.20 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF090365.D
Acq: 5 Oct 2016 1:56

Tgt Ion:240 Resp: 602707
Ion Ratio Lower Upper
240 100
120 11.3 8.6 13.0
236 26.7 21.6 32.4



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: 6.06 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090365.D

Acq: 5 Oct 2016 1:56

Instrument :

BNA_F

ClientSampleId :

SB-BC-1-10032016

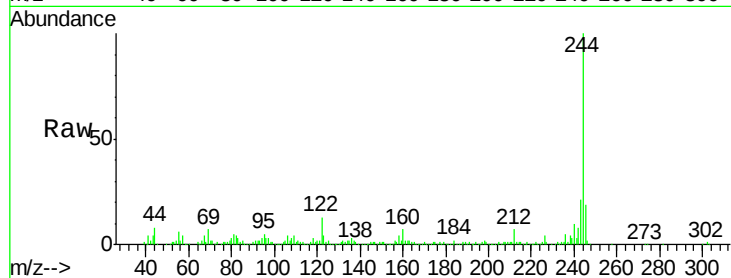
Tgt Ion:244 Resp: 156834

Ion Ratio Lower Upper

244 100

212 6.8 6.8 10.2#

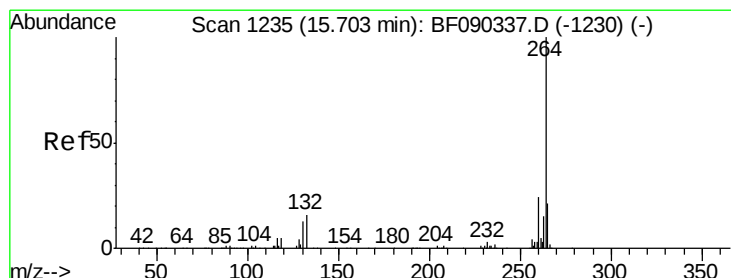
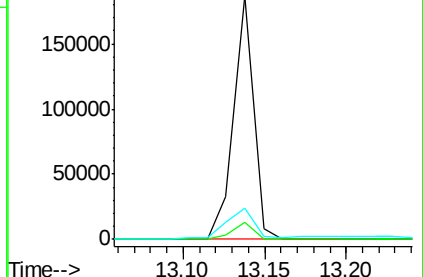
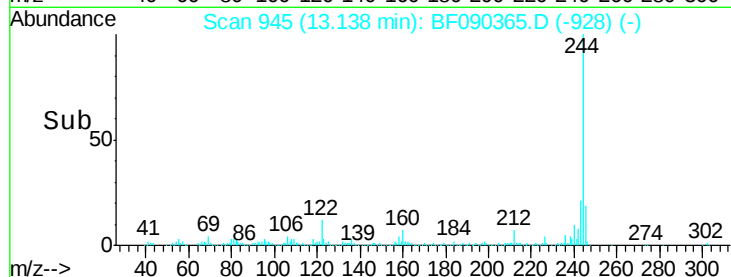
122 12.6 13.3 19.9#



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: 15.71 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF090365.D

Acq: 5 Oct 2016 1:56

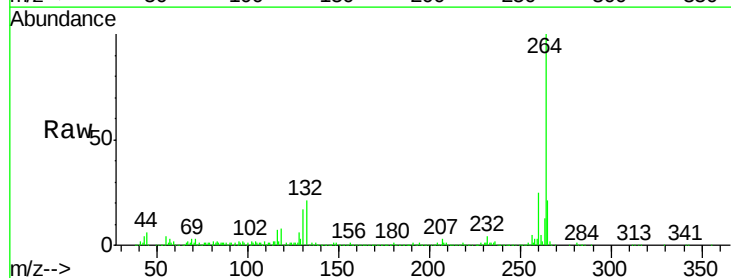
Tgt Ion:264 Resp: 461012

Ion Ratio Lower Upper

264 100

260 25.2 19.3 28.9

265 21.1 17.4 26.0



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

