

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
 Data File : BF092209.D
 Acq On : 12 Jan 2017 15:45
 Operator : UM/SJ
 Sample : I1029-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-001

Quant Time: Jan 13 13:48:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 16:14:19 2017
 Response via : Initial Calibration

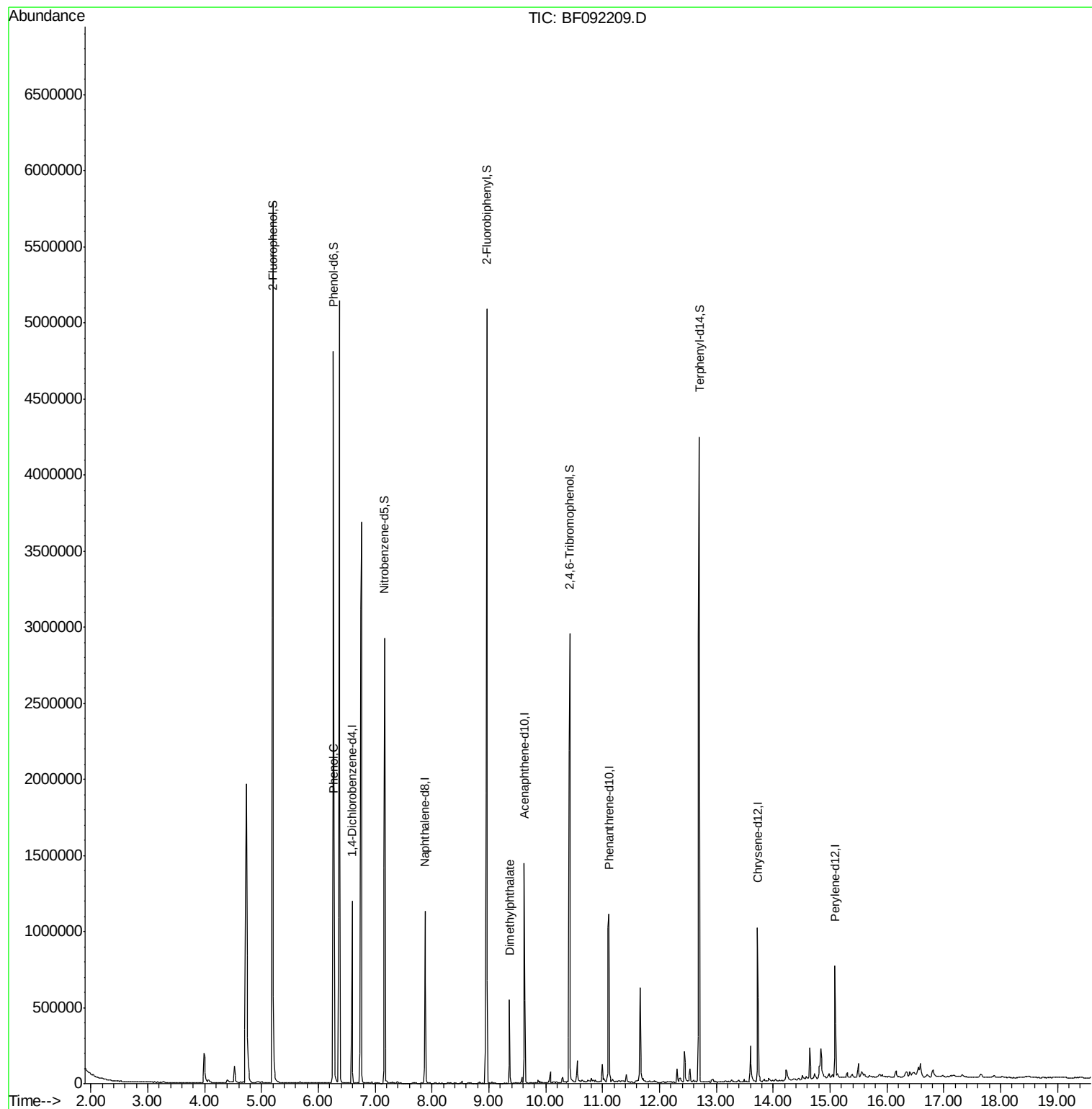
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	190337	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	664872	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	354733	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	602233	20.00	ng	0.00
75) Chrysene-d12	13.73	240	393711	20.00	ng	0.00
86) Perylene-d12	15.09	264	319155	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1887387	165.57	ng	0.00
7) Phenol-d6	6.26	99	2040553	146.62	ng	0.00
23) Nitrobenzene-d5	7.17	82	1132275	94.70	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	474102	161.50	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	1794894	107.01	ng	0.00
78) Terphenyl-d14	12.70	244	1703581	104.94	ng	0.00
Target Compounds						
10) Phenol	6.28	94	146283	9.22	ng	79
49) Dimethylphthalate	9.36	163	225102	9.92	ng	99

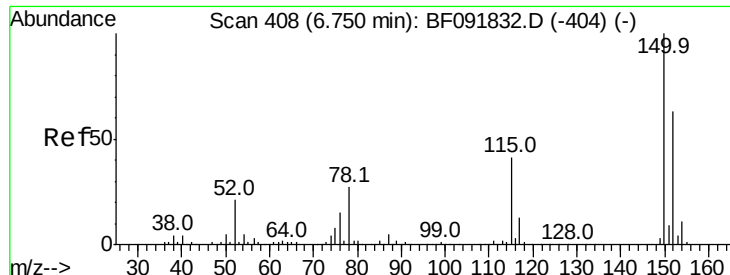
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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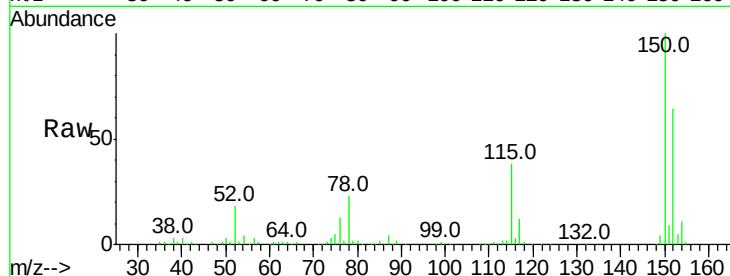


#1

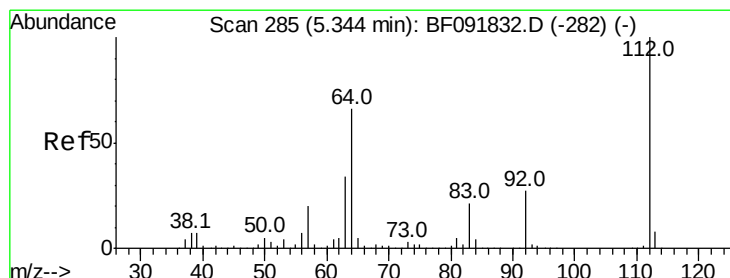
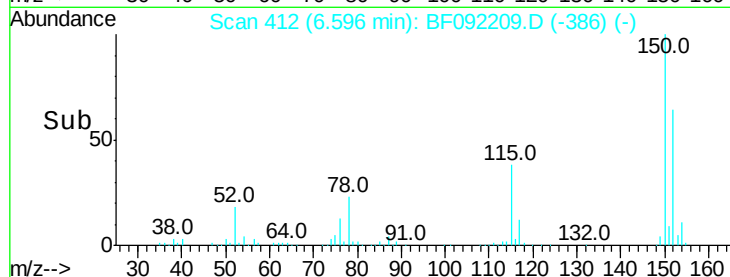
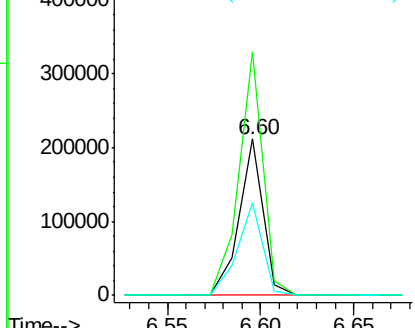
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF092209.D
 Acq: 12 Jan 2017 15:45

Instrument :
 BNA_F
 ClientSampleId :
 COMP-001

Tot Ion:152 Resp: 190337
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.9 187.3
 115 59.2 46.0 69.0



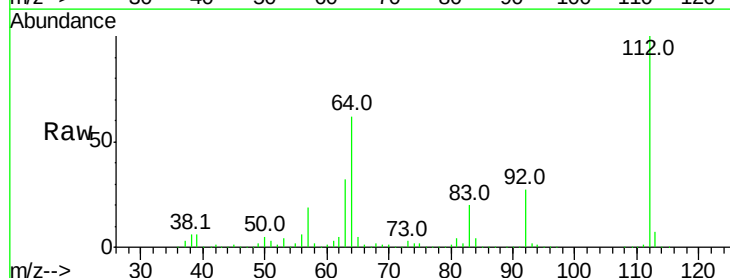
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



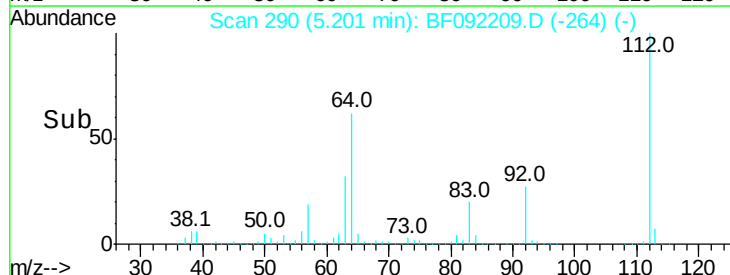
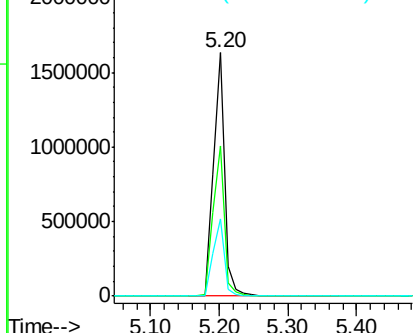
#5

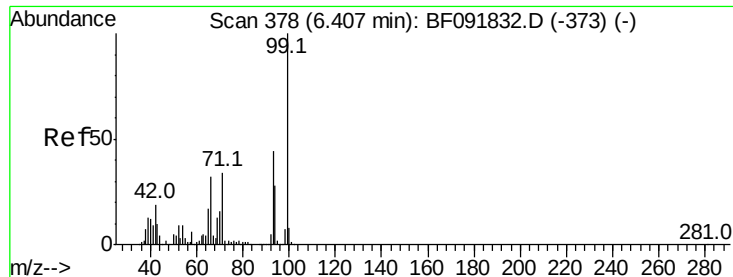
2-Fluorophenol
 Concen: 165.57 ng
 RT: 5.20 min Scan# 290
 Delta R.T. -0.00 min
 Lab File: BF092209.D
 Acq: 12 Jan 2017 15:45

Tgt Ion:112 Resp: 1887387
 Ion Ratio Lower Upper
 112 100
 64 61.8 46.1 69.1
 63 31.8 23.8 35.6



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: 146.62 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF092209.D

Acq: 12 Jan 2017 15:45

Instrument :

BNA_F

ClientSampleId :

COMP-001

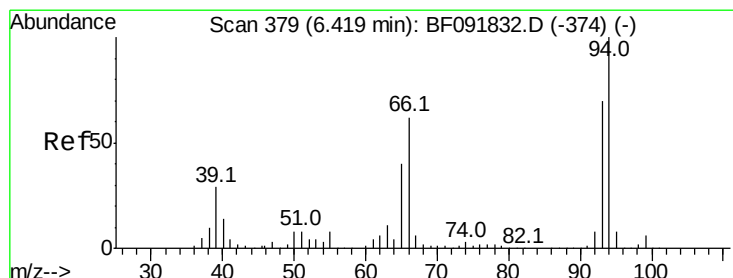
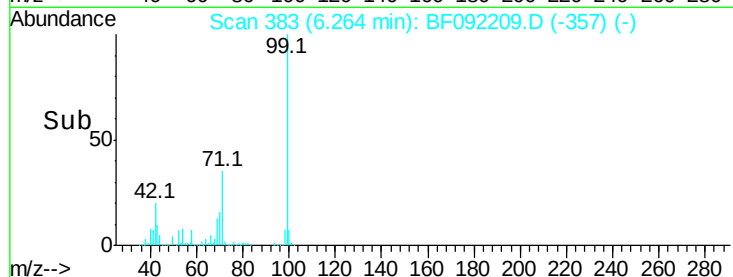
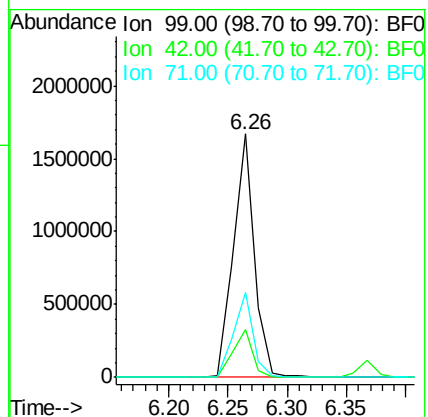
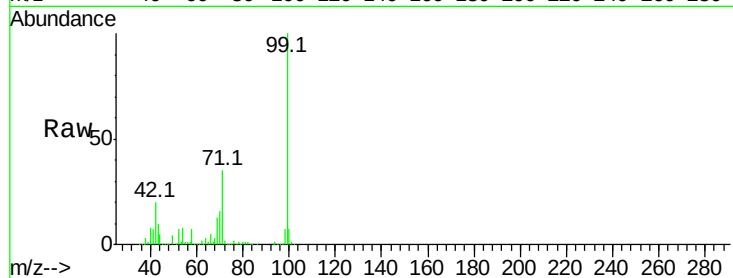
Tot Ion: 99 Resp: 2040553

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

71 34.8 27.5 41.3



#10

Phenol

Concen: 9.22 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF092209.D

Acq: 12 Jan 2017 15:45

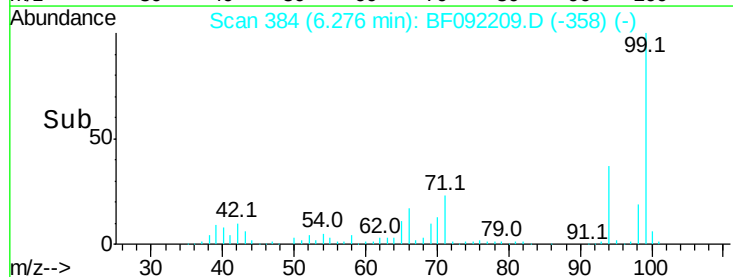
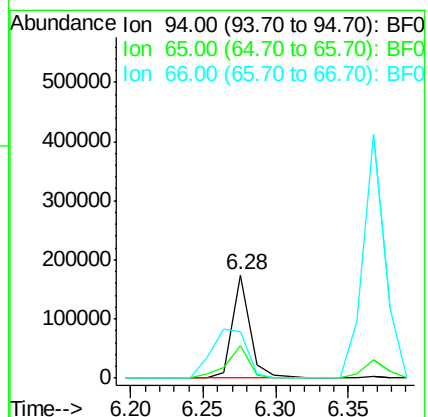
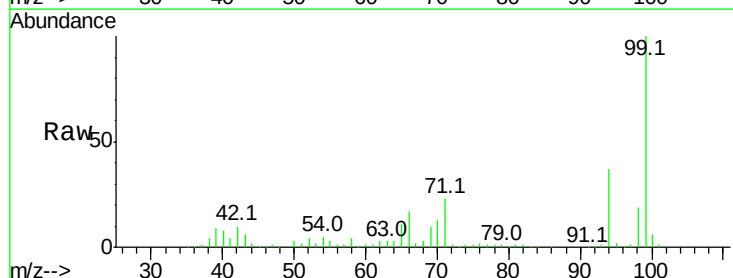
Tgt Ion: 94 Resp: 146283

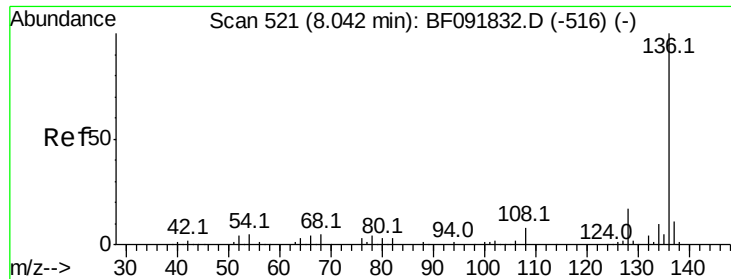
Ion Ratio Lower Upper

94 100

65 31.3 21.4 61.4

66 45.7 44.0 84.0

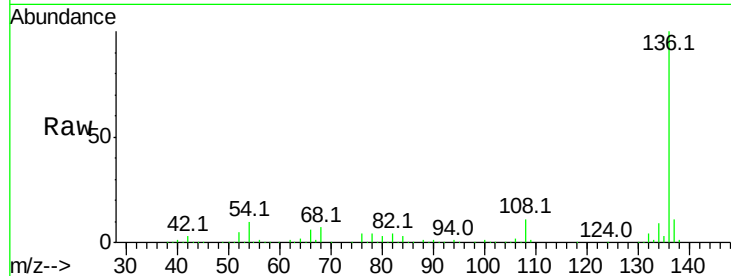




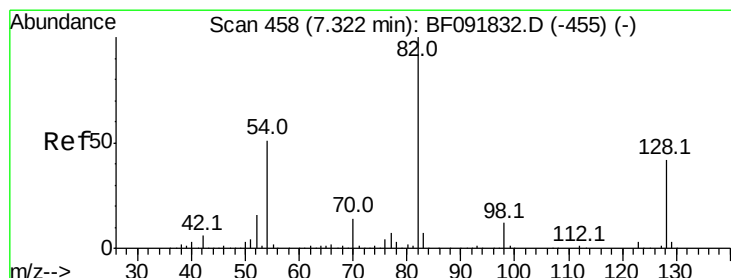
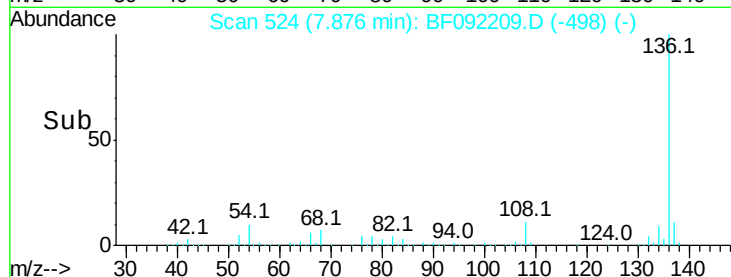
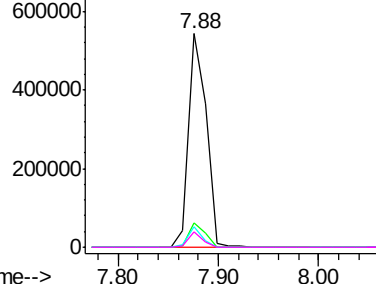
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF092209.D
Acq: 12 Jan 2017 15:45

Instrument :
BNA_F
ClientSampleId :
COMP-001

Tot Ion:136	Resp:	664872
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.4 12.6
54	9.6	4.5 6.7#
68	7.0	3.6 5.4#

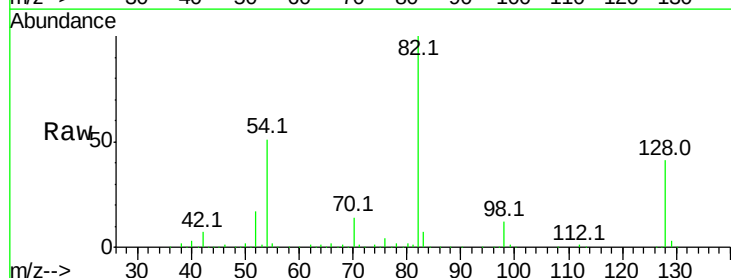


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

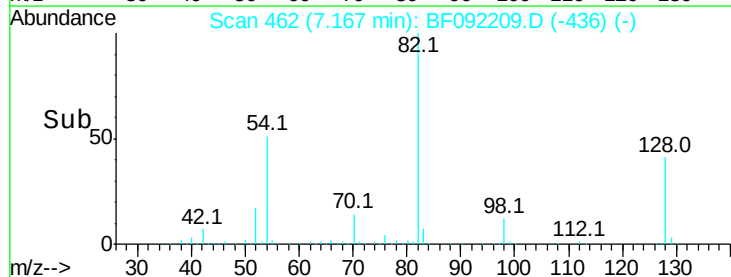
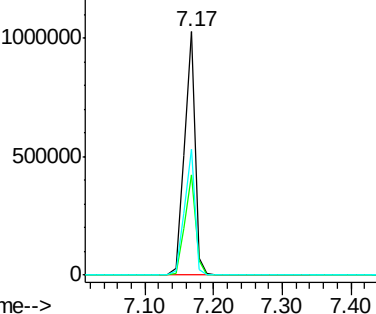


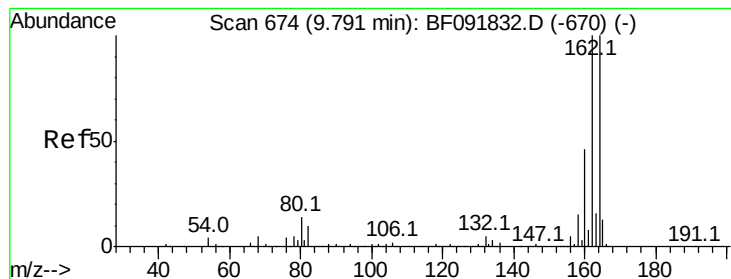
#23
Nitrobenzene-d5
Concen: 94.70 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF092209.D
Acq: 12 Jan 2017 15:45

Tgt Ion: 82	Resp:	1132275
Ion Ratio	Lower	Upper
82	100	
128	41.0	34.6 52.0
54	51.5	39.5 59.3



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: 9.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF092209.D

Acq: 12 Jan 2017 15:45

Instrument :

BNA_F

ClientSampleId :

COMP-001

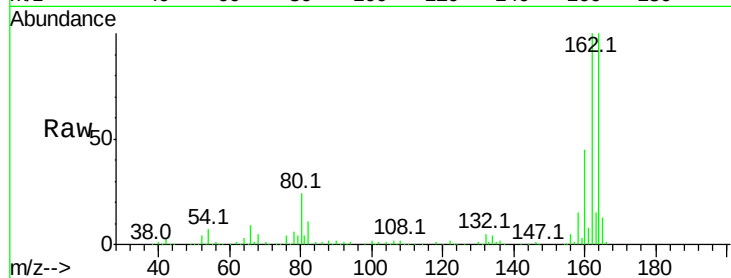
Tot Ion:164 Resp: 354733

Ion Ratio Lower Upper

164 100

162 100.0 80.2 120.2

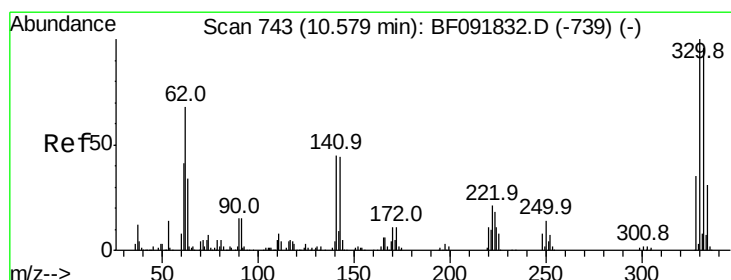
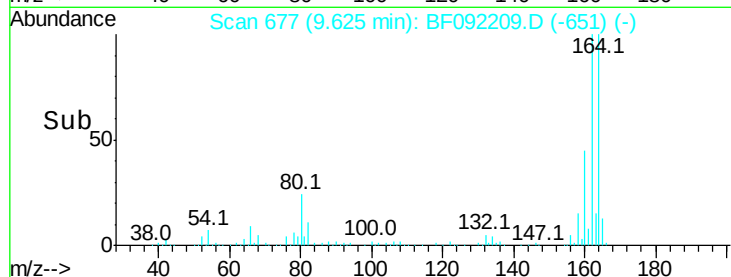
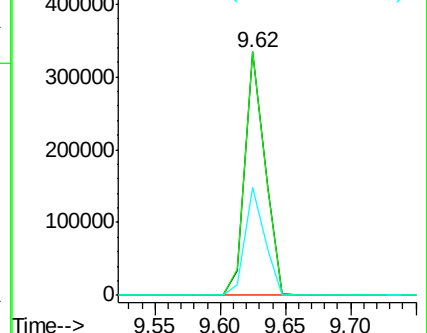
160 44.6 36.9 55.3



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: 161.50 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF092209.D

Acq: 12 Jan 2017 15:45

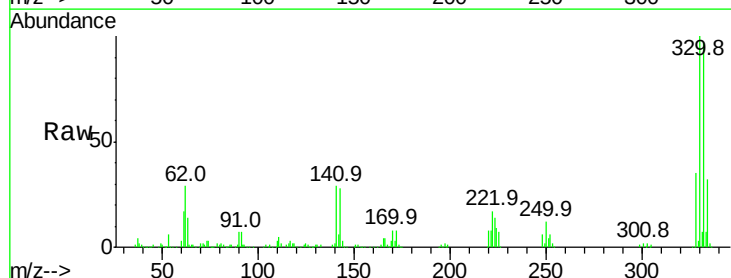
Tgt Ion:330 Resp: 474102

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

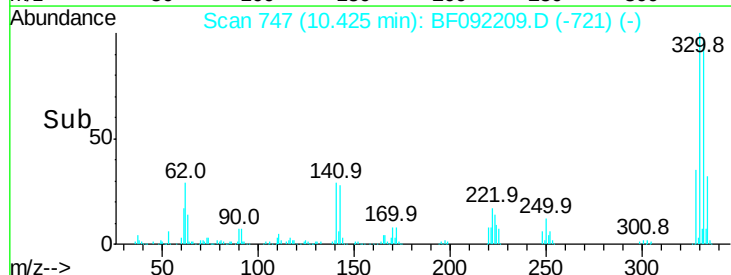
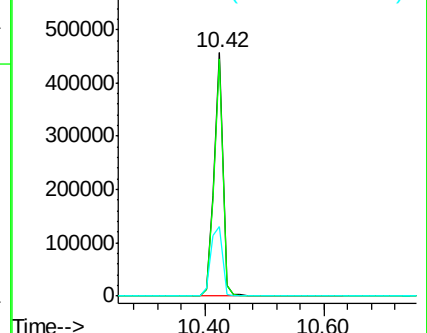
141 38.3 34.1 51.1

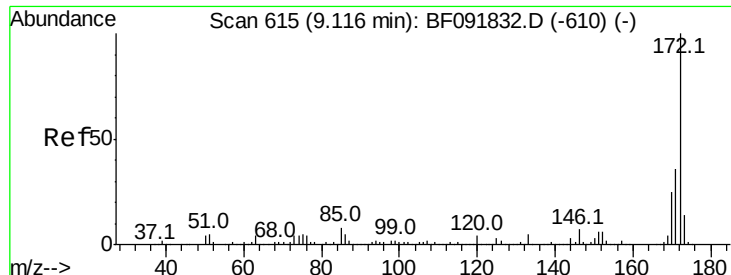


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



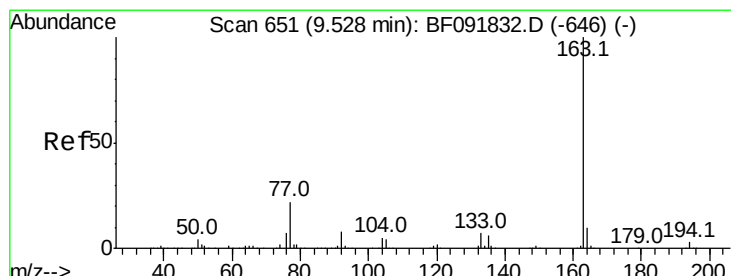
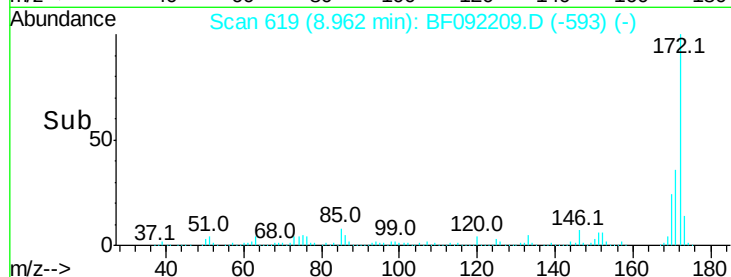
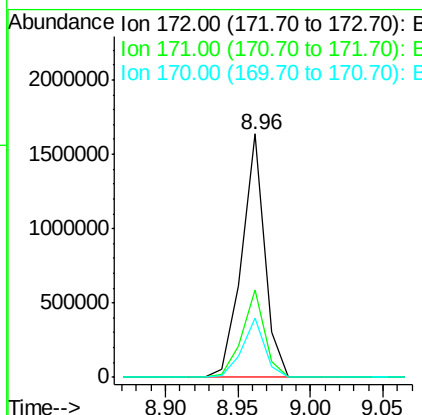
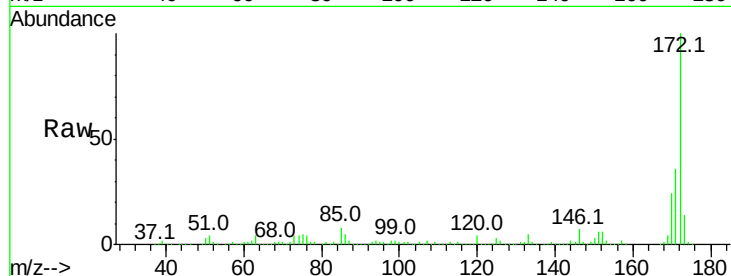


#44
 2-Fluorobiphenyl
 Concen: 107.01 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF092209.D
 Acq: 12 Jan 2017 15:45

Instrument :
 BNA_F
 ClientSampleId :
 COMP-001

Tot Ion:172 Resp: 1794894

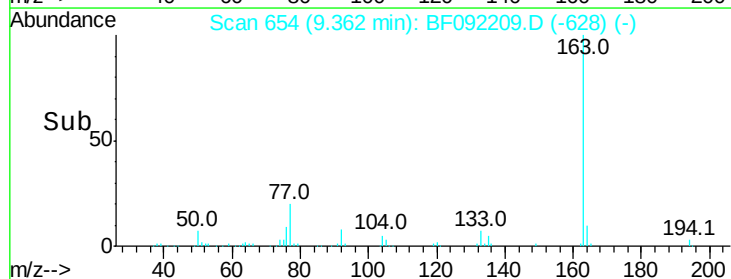
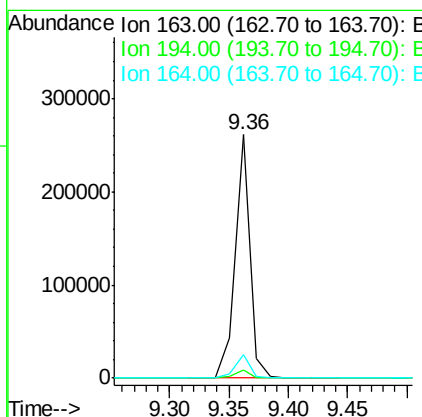
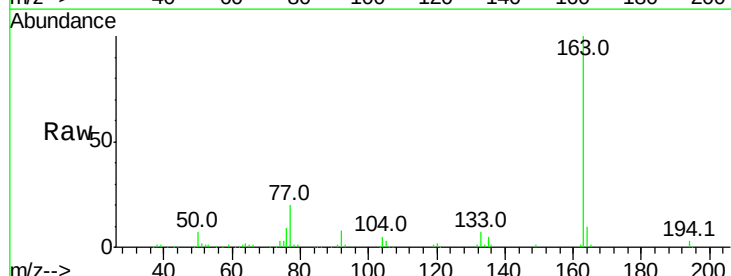
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.4	20.2	30.4

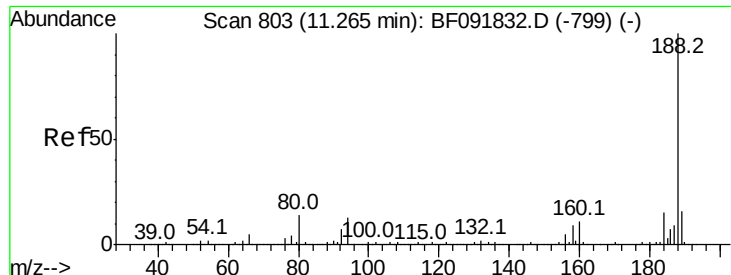


#49
 Dimethylphthalate
 Concen: 9.92 ng
 RT: 9.36 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BF092209.D
 Acq: 12 Jan 2017 15:45

Tgt Ion:163 Resp: 225102

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	9.7	8.0	12.0

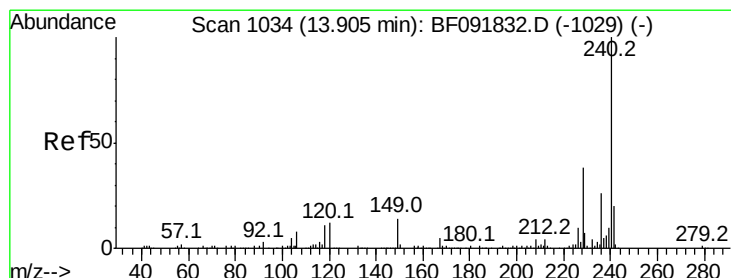
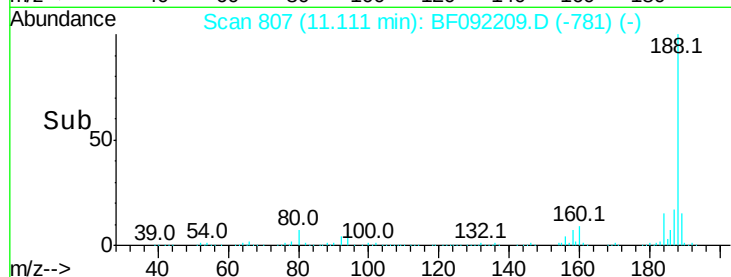
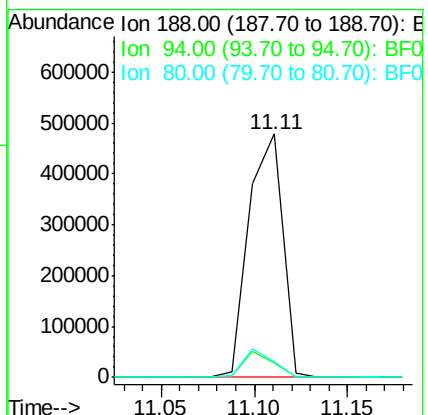
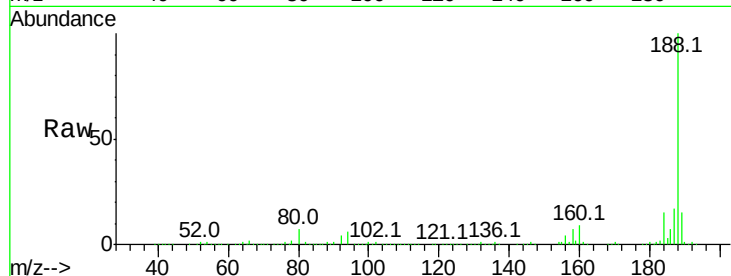




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF092209.D
Acq: 12 Jan 2017 15:45

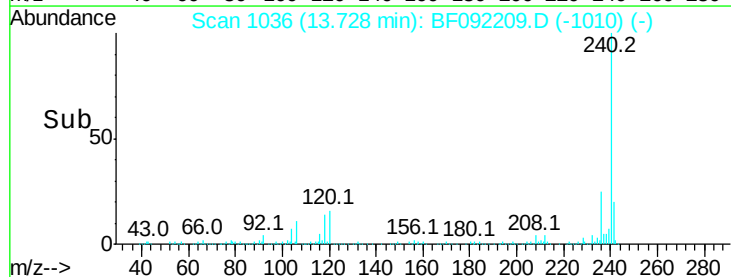
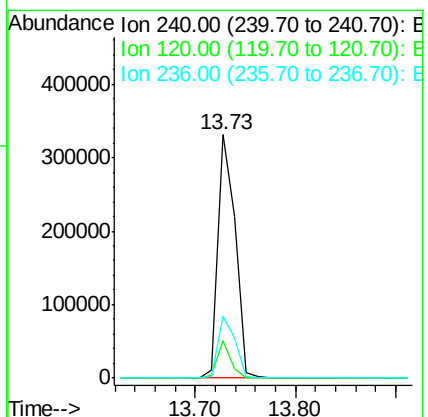
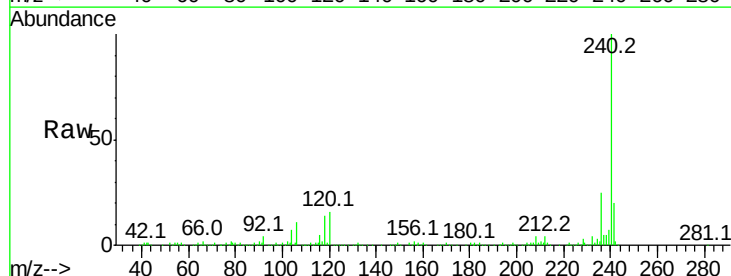
Instrument :
BNA_F
ClientSampleId :
COMP-001

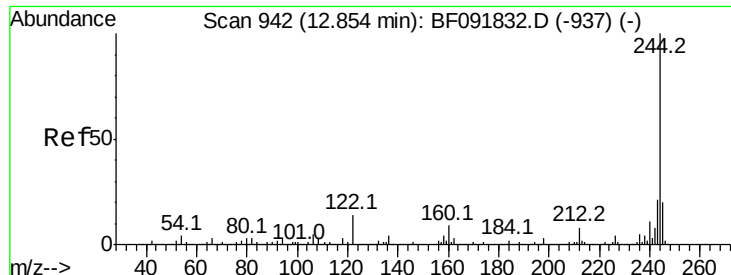
Tot Ion:188 Resp: 602233
Ion Ratio Lower Upper
188 100
94 6.2 10.0 15.0#
80 6.6 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF092209.D
Acq: 12 Jan 2017 15:45

Tgt Ion:240 Resp: 393711
Ion Ratio Lower Upper
240 100
120 15.7 12.9 19.3
236 25.2 20.9 31.3





#78

Terphenyl-d14

Concen: 104.94 ng

RT: 12.70 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF092209.D

Acq: 12 Jan 2017 15:45

Instrument :

BNA_F

ClientSampleId :

COMP-001

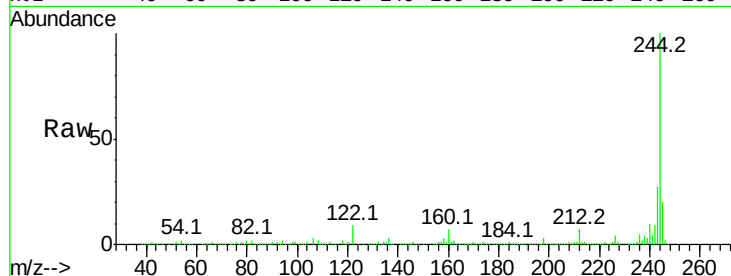
Tot Ion:244 Resp: 1703581

Ion Ratio Lower Upper

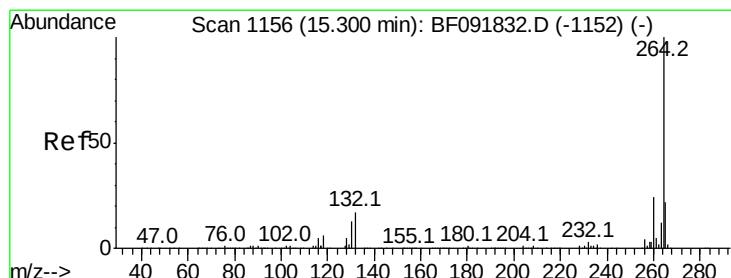
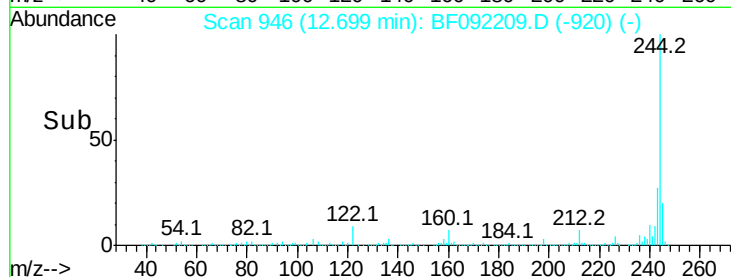
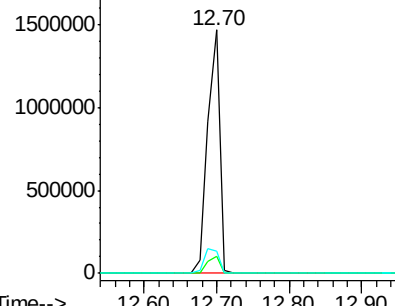
244 100

212 7.1 6.2 9.2

122 9.2 11.4 17.2#



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: 15.09 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF092209.D

Acq: 12 Jan 2017 15:45

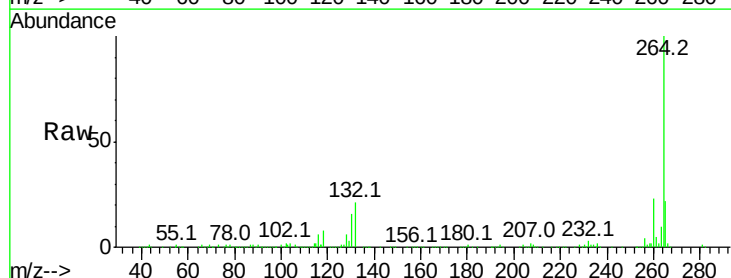
Tgt Ion:264 Resp: 319155

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.2 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

