

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
 Data File : BF092213.D
 Acq On : 12 Jan 2017 17:49
 Operator : UM/SJ
 Sample : I1029-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-007

Quant Time: Jan 12 23:54:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

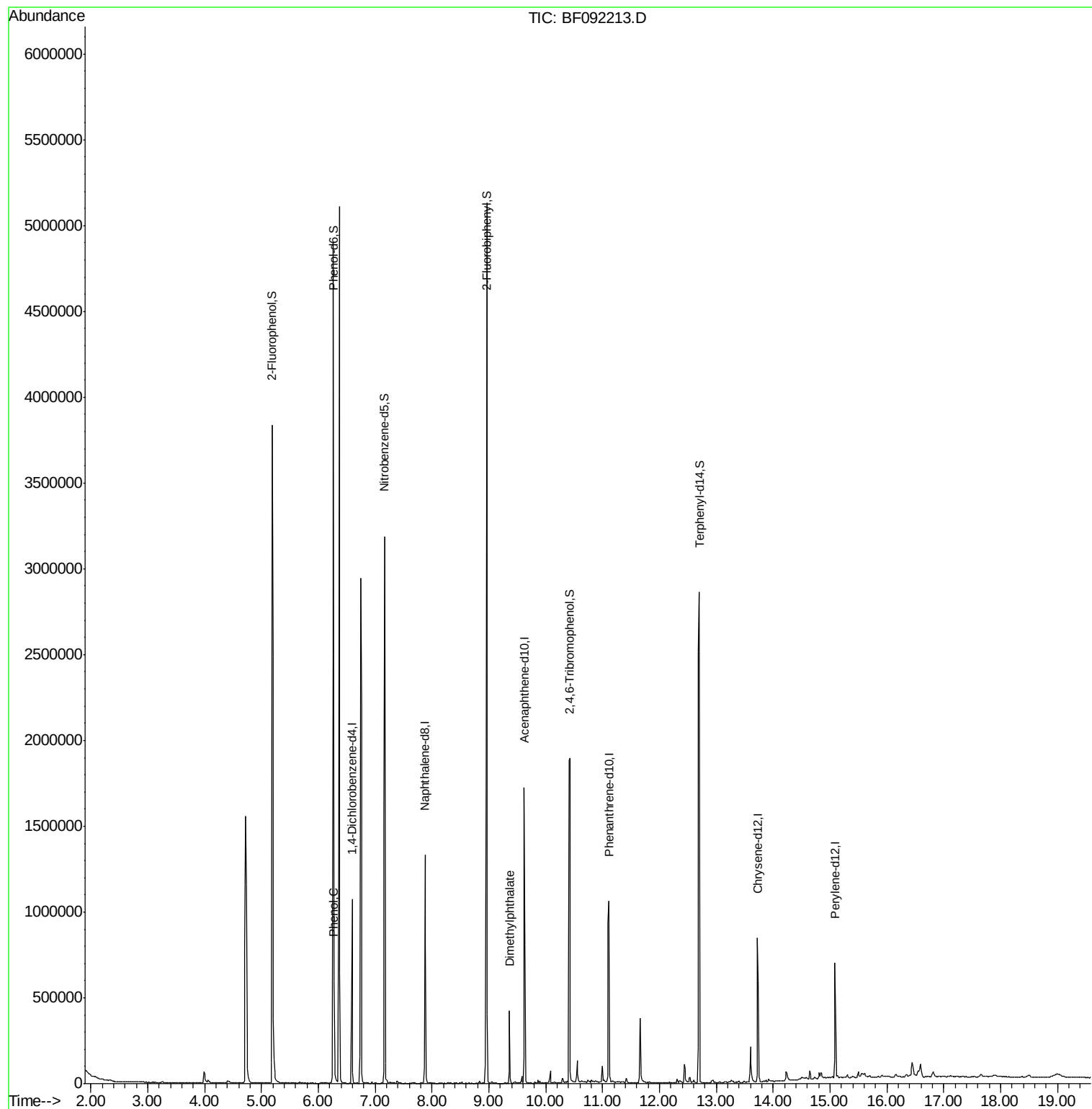
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	191564	20.00	ng	-0.05
21) Naphthalene-d8	7.88	136	803185	20.00	ng	-0.06
38) Acenaphthene-d10	9.62	164	441273	20.00	ng	-0.06
63) Phenanthrene-d10	11.11	188	567713	20.00	ng	-0.05
75) Chrysene-d12	13.73	240	368812	20.00	ng	-0.06
86) Perylene-d12	15.09	264	305651	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1463322	127.55	ng	-0.05
7) Phenol-d6	6.26	99	1965067	140.29	ng	-0.05
23) Nitrobenzene-d5	7.17	82	1220053	84.47	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	365551	100.10	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1705441	78.15	ng	-0.05
78) Terphenyl-d14	12.70	244	1314483	86.44	ng	-0.05
Target Compounds						
10) Phenol	6.28	94	94316	5.91	ng	Qvalue # 67
49) Dimethylphthalate	9.36	163	171273	6.07	ng	99

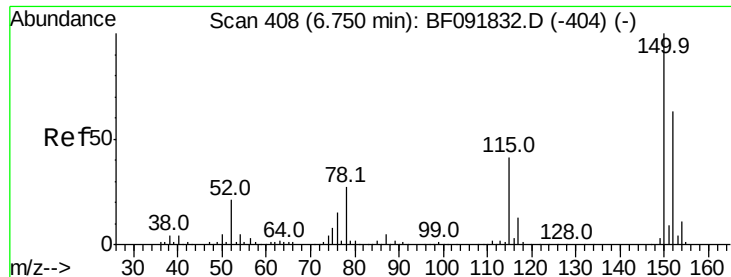
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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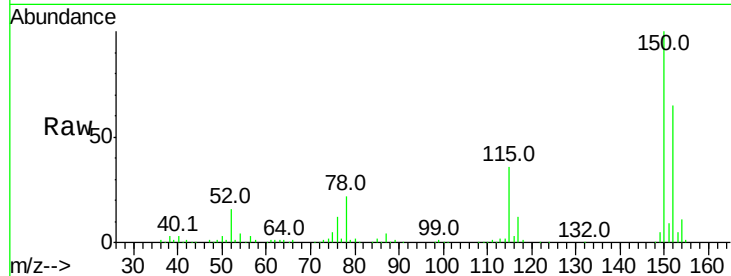


#1

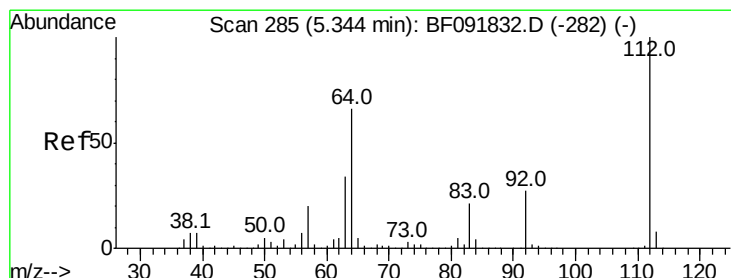
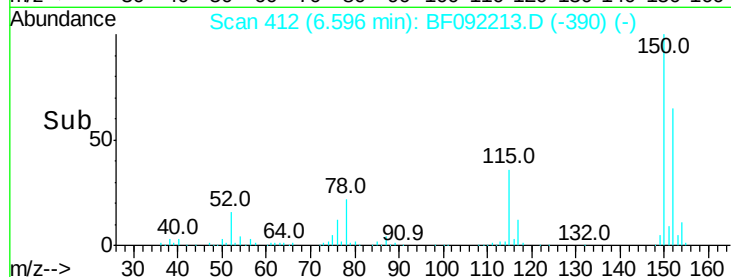
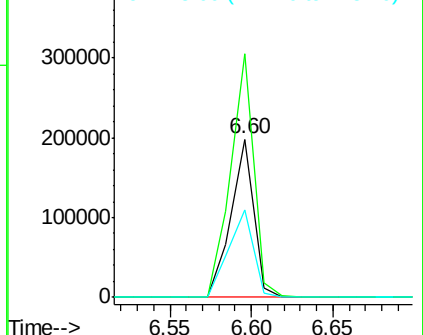
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 412
Delta R.T. -0.05 min
Lab File: BF092213.D
Acq: 12 Jan 2017 17:49

Instrument :
BNA_F
ClientSampleId :
COMP-007

Tot Ion:152 Resp: 191564
Ion Ratio Lower Upper
152 100
150 153.7 124.9 187.3
115 54.8 46.0 69.0



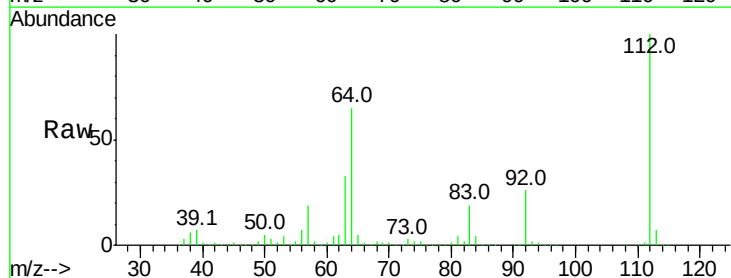
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



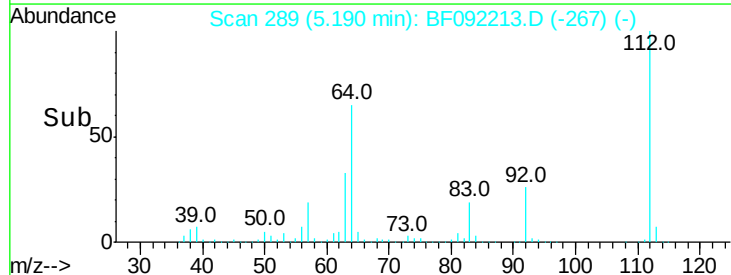
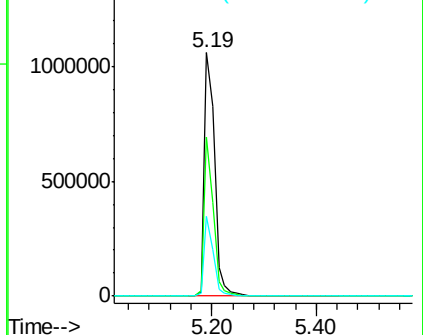
#5

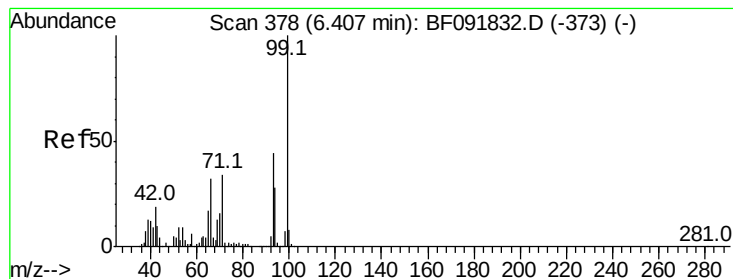
2-Fluorophenol
Concen: 127.55 ng
RT: 5.19 min Scan# 289
Delta R.T. -0.05 min
Lab File: BF092213.D
Acq: 12 Jan 2017 17:49

Tgt Ion:112 Resp: 1463322
Ion Ratio Lower Upper
112 100
64 65.4 46.1 69.1
63 33.0 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: 140.29 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092213.D

Acq: 12 Jan 2017 17:49

Instrument :

BNA_F

ClientSampleId :

COMP-007

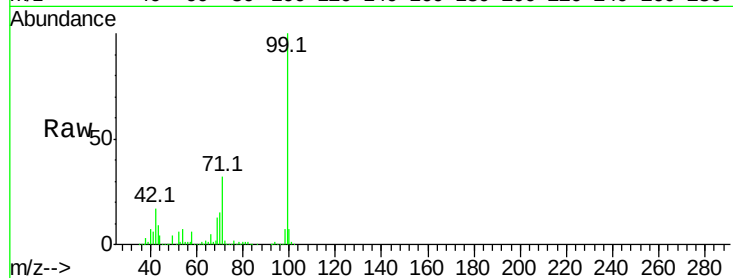
Tot Ion: 99 Resp: 1965067

Ion Ratio Lower Upper

99 100

42 17.4 15.6 23.4

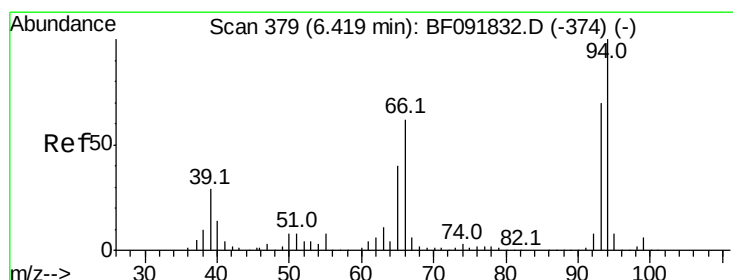
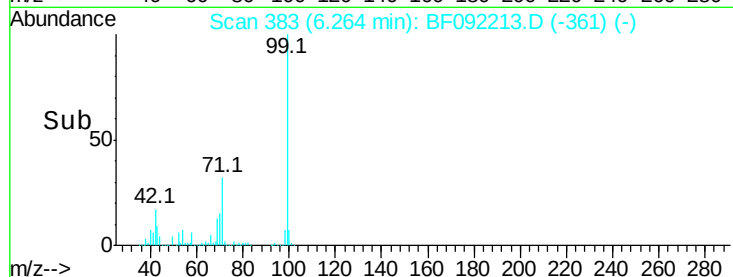
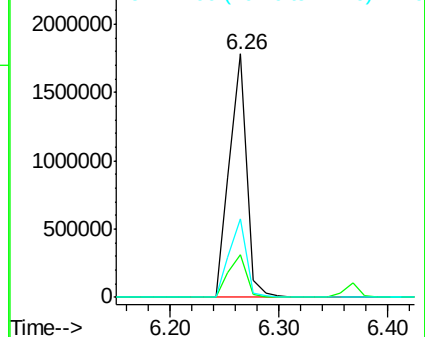
71 32.5 27.5 41.3



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



#10

Phenol

Concen: 5.91 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF092213.D

Acq: 12 Jan 2017 17:49

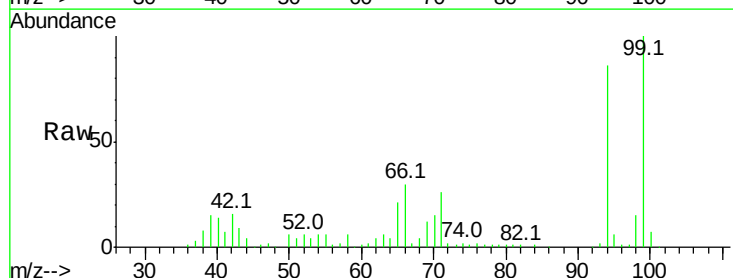
Tgt Ion: 94 Resp: 94316

Ion Ratio Lower Upper

94 100

65 24.7 21.4 61.4

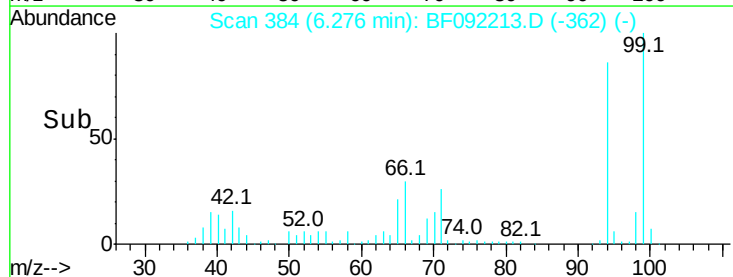
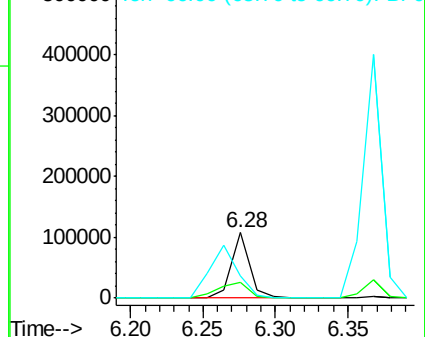
66 34.6 44.0 84.0#

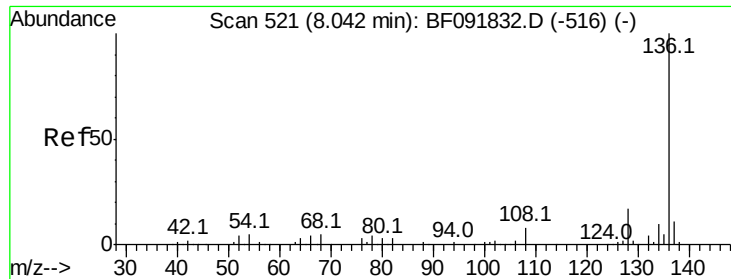


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

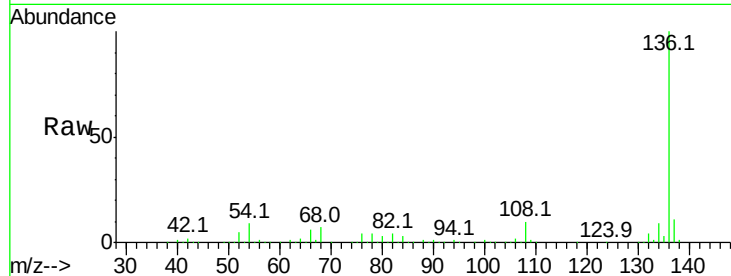




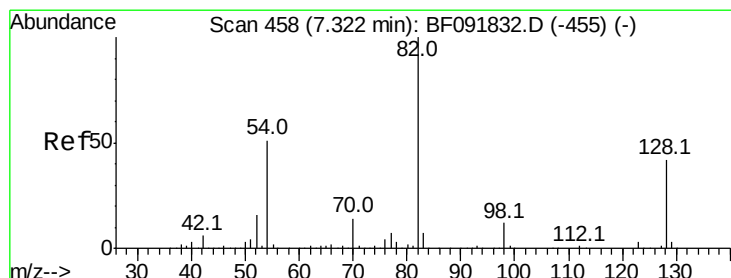
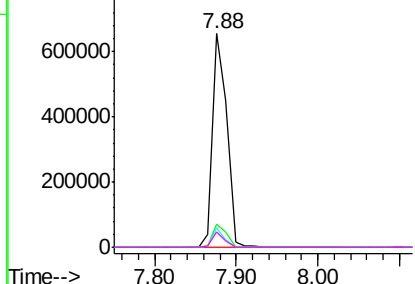
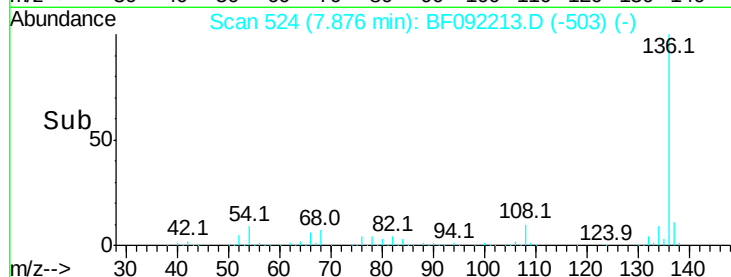
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF092213.D
Acq: 12 Jan 2017 17:49

Instrument :
BNA_F
ClientSampleId :
COMP-007

Tot Ion:136	Resp: 803185
Ion Ratio	Lower Upper
136 100	
137 11.1	8.4 12.6
54 8.9	4.5 6.7#
68 7.0	3.6 5.4#

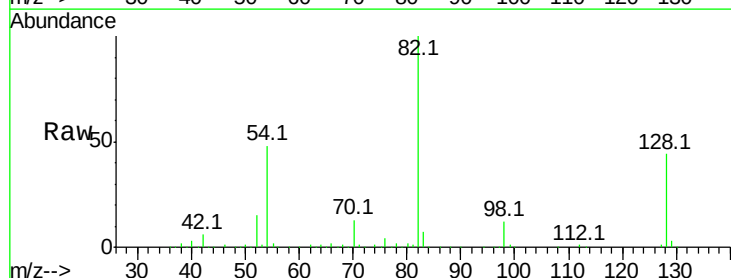


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

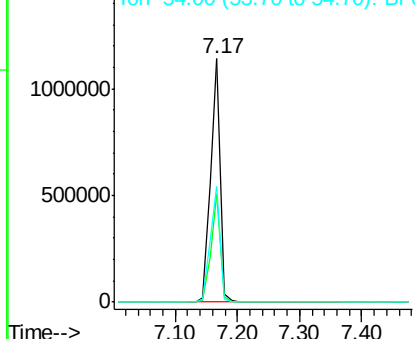
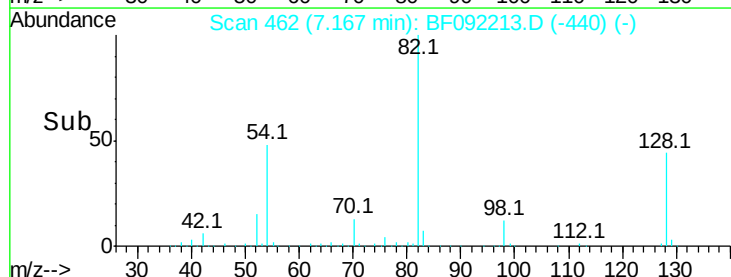


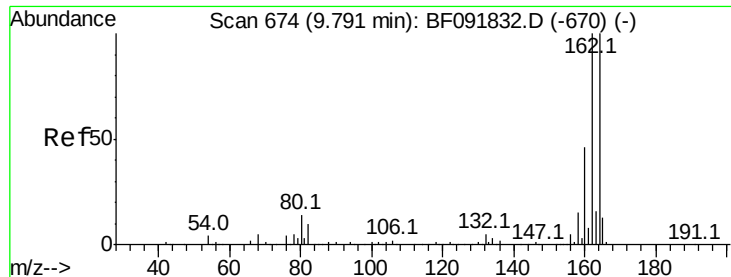
#23
Nitrobenzene-d5
Concen: 84.47 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092213.D
Acq: 12 Jan 2017 17:49

Tgt Ion: 82	Resp: 1220053
Ion Ratio	Lower Upper
82 100	
128 44.2	34.6 52.0
54 47.7	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. -0.06 min

Lab File: BF092213.D

Acq: 12 Jan 2017 17:49

Instrument :

BNA_F

ClientSampleId :

COMP-007

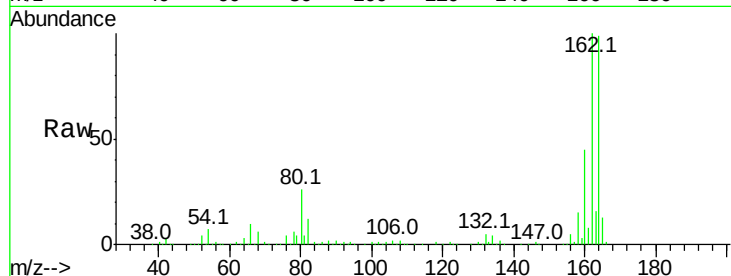
Tot Ion:164 Resp: 441273

Ion Ratio Lower Upper

164 100

162 100.8 80.2 120.2

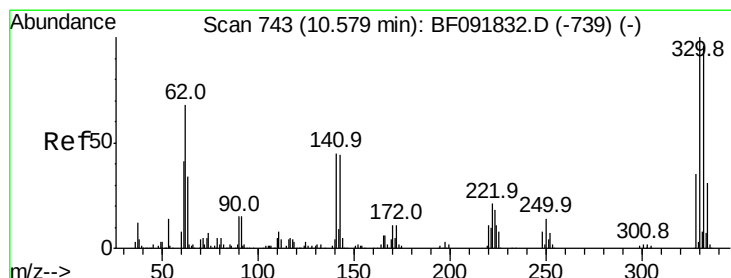
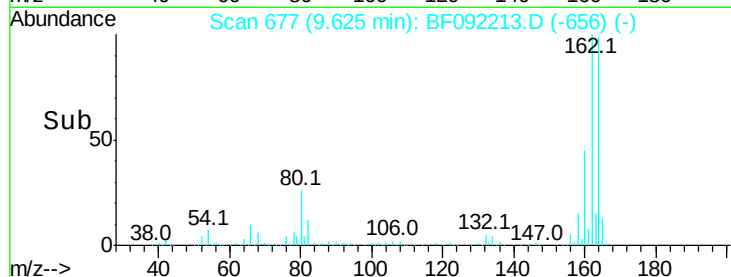
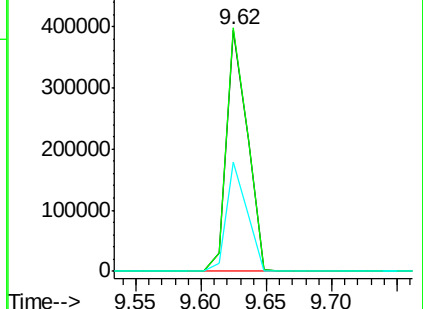
160 45.0 36.9 55.3



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: 100.10 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.05 min

Lab File: BF092213.D

Acq: 12 Jan 2017 17:49

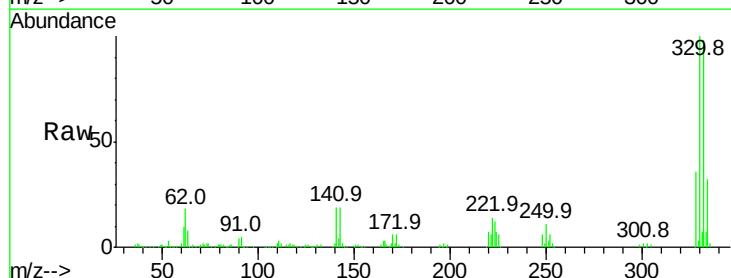
Tgt Ion:330 Resp: 365551

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

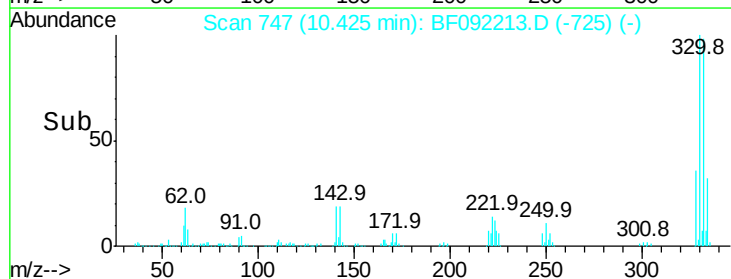
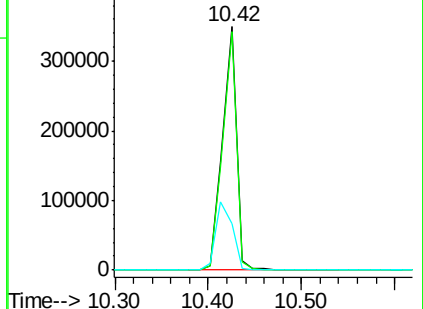
141 33.3 34.1 51.1#

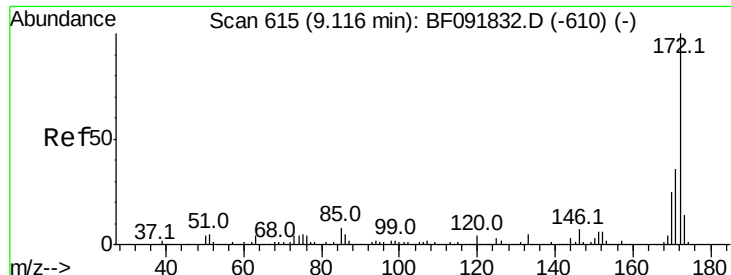


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

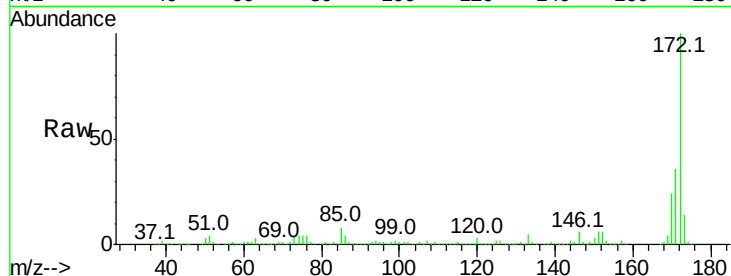




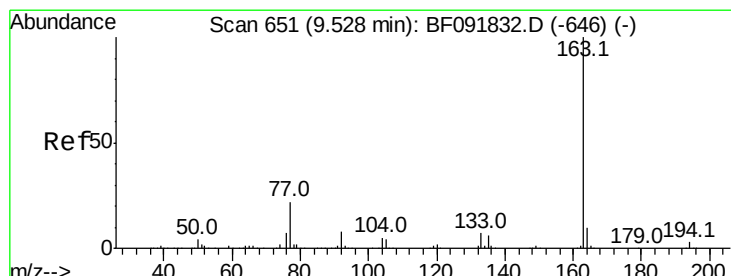
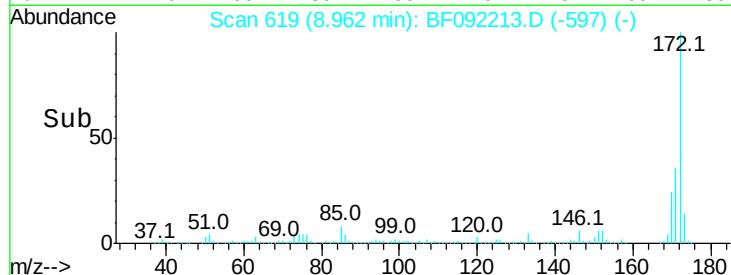
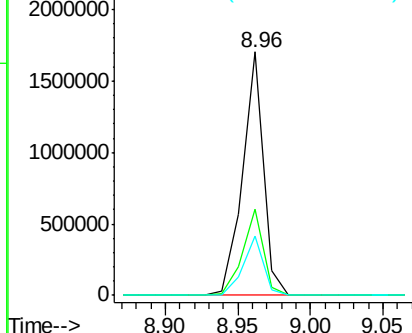
#44
2-Fluorobiphenyl
Concen: 78.15 ng
RT: 8.96 min Scan# 619
Delta R.T. -0.05 min
Lab File: BF092213.D
Acq: 12 Jan 2017 17:49

Instrument :
BNA_F
ClientSampleId :
COMP-007

Tot Ion:172 Resp: 1705441
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 24.4 20.2 30.4

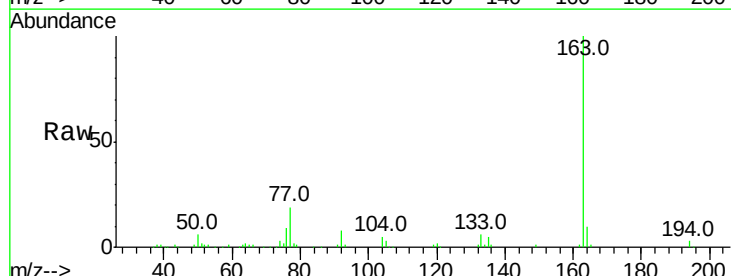


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

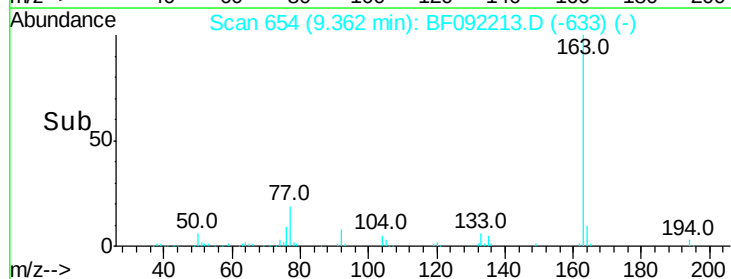
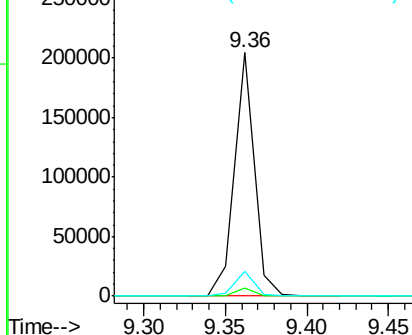


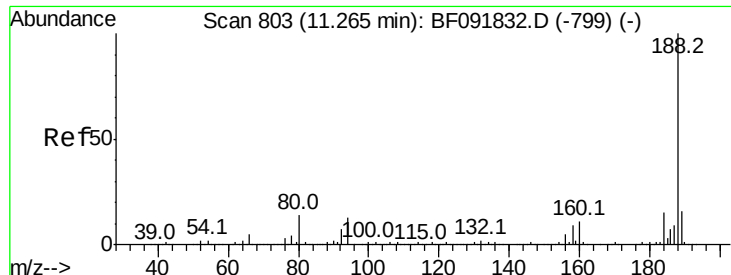
#49
Dimethylphthalate
Concen: 6.07 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF092213.D
Acq: 12 Jan 2017 17:49

Tgt Ion:163 Resp: 171273
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 9.9 8.0 12.0



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

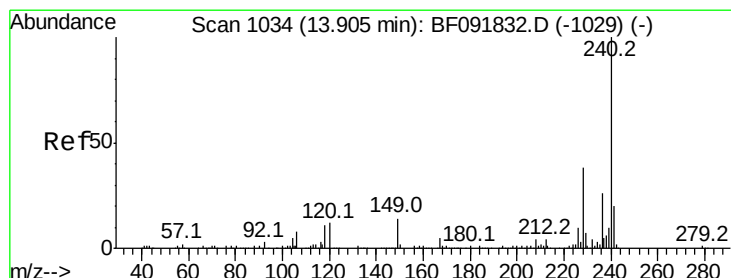
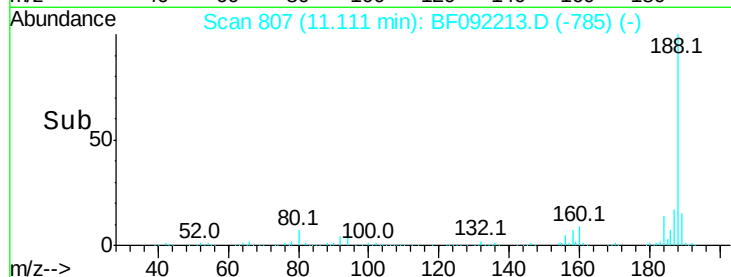
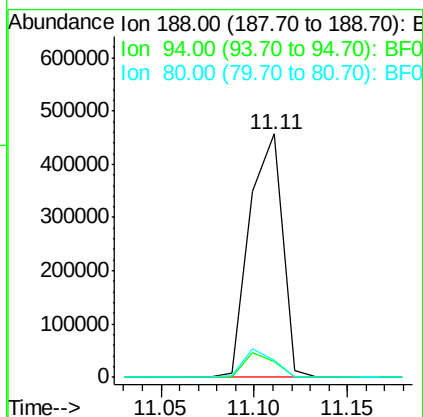
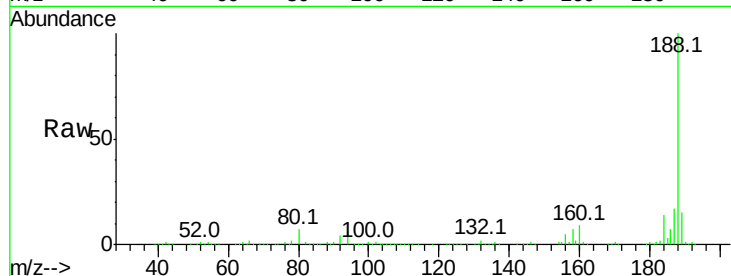




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092213.D
Acq: 12 Jan 2017 17:49

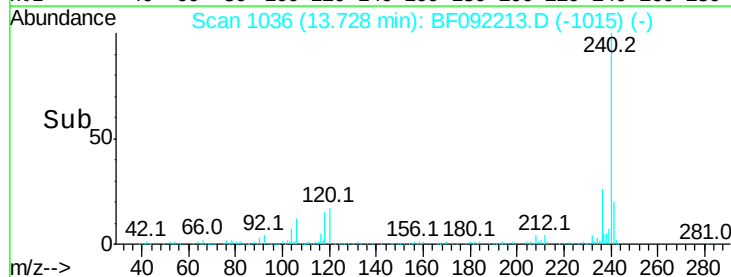
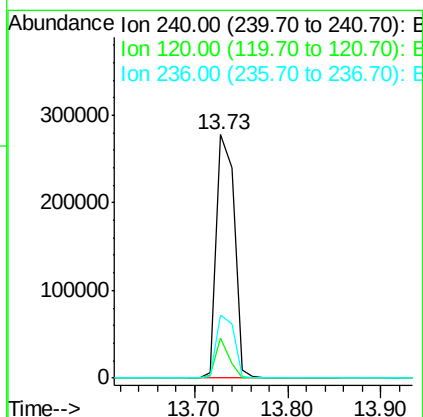
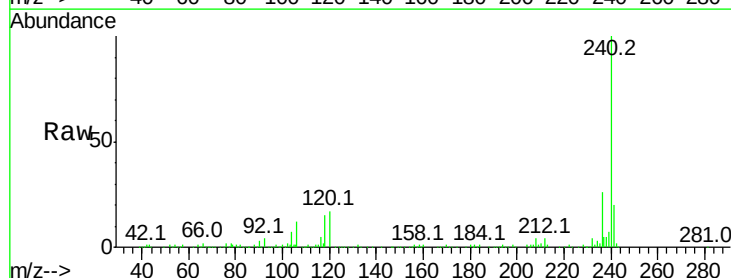
Instrument :
BNA_F
ClientSampleId :
COMP-007

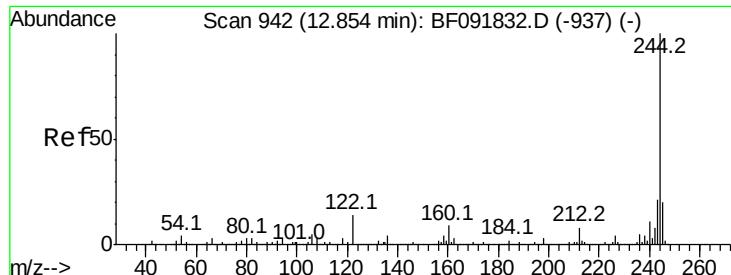
Tot Ion:188 Resp: 567713
Ion Ratio Lower Upper
188 100
94 6.5 10.0 15.0#
80 6.9 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.06 min
Lab File: BF092213.D
Acq: 12 Jan 2017 17:49

Tgt Ion:240 Resp: 368812
Ion Ratio Lower Upper
240 100
120 16.6 12.9 19.3
236 26.0 20.9 31.3





#78

Terphenyl-d14

Concen: 86.44 ng

RT: 12.70 min Scan# 946

Delta R.T. -0.05 min

Lab File: BF092213.D

Acq: 12 Jan 2017 17:49

Instrument :

BNA_F

ClientSampleId :

COMP-007

Tot Ion:244 Resp: 1314483

Ion Ratio Lower Upper

244 100

212 6.2

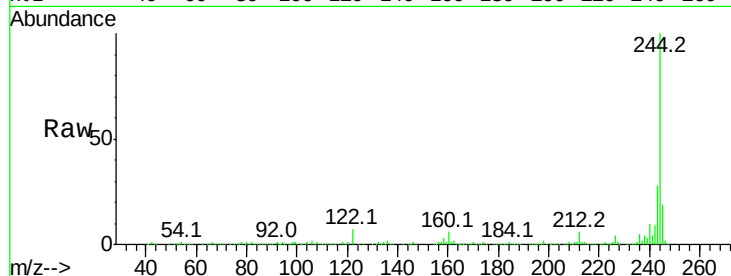
6.2

9.2

122 7.1

11.4

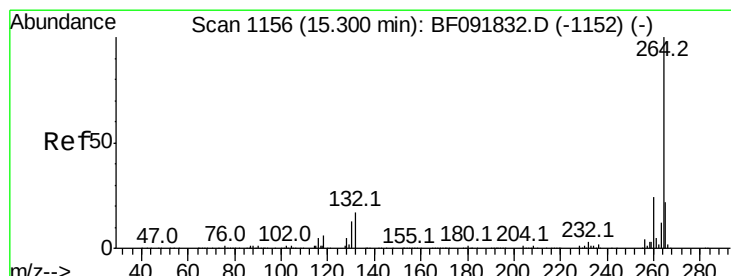
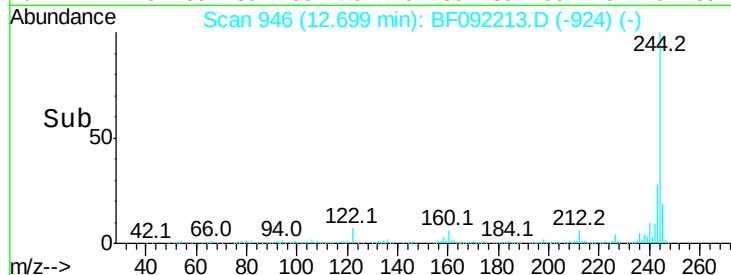
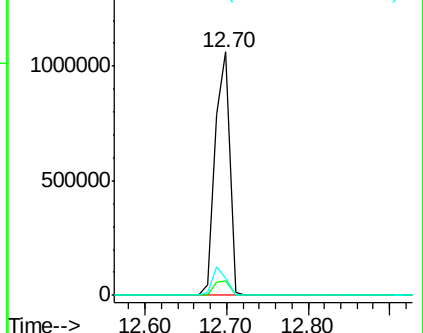
17.2#



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. -0.06 min

Lab File: BF092213.D

Acq: 12 Jan 2017 17:49

Tgt Ion:264 Resp: 305651

Ion Ratio Lower Upper

264 100

260 23.7

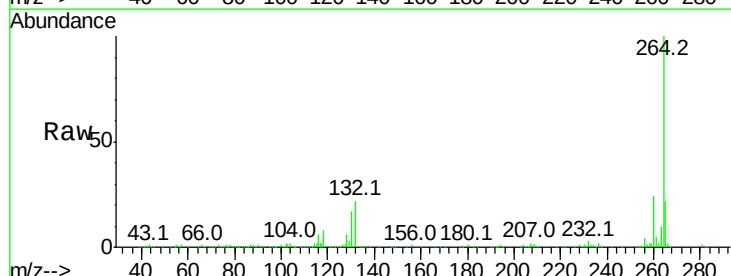
19.2

28.8

265 21.8

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

