

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
 Data File : BF092211.D
 Acq On : 12 Jan 2017 16:42
 Operator : UM/SJ
 Sample : I1029-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-004

Quant Time: Jan 12 23:48:22 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

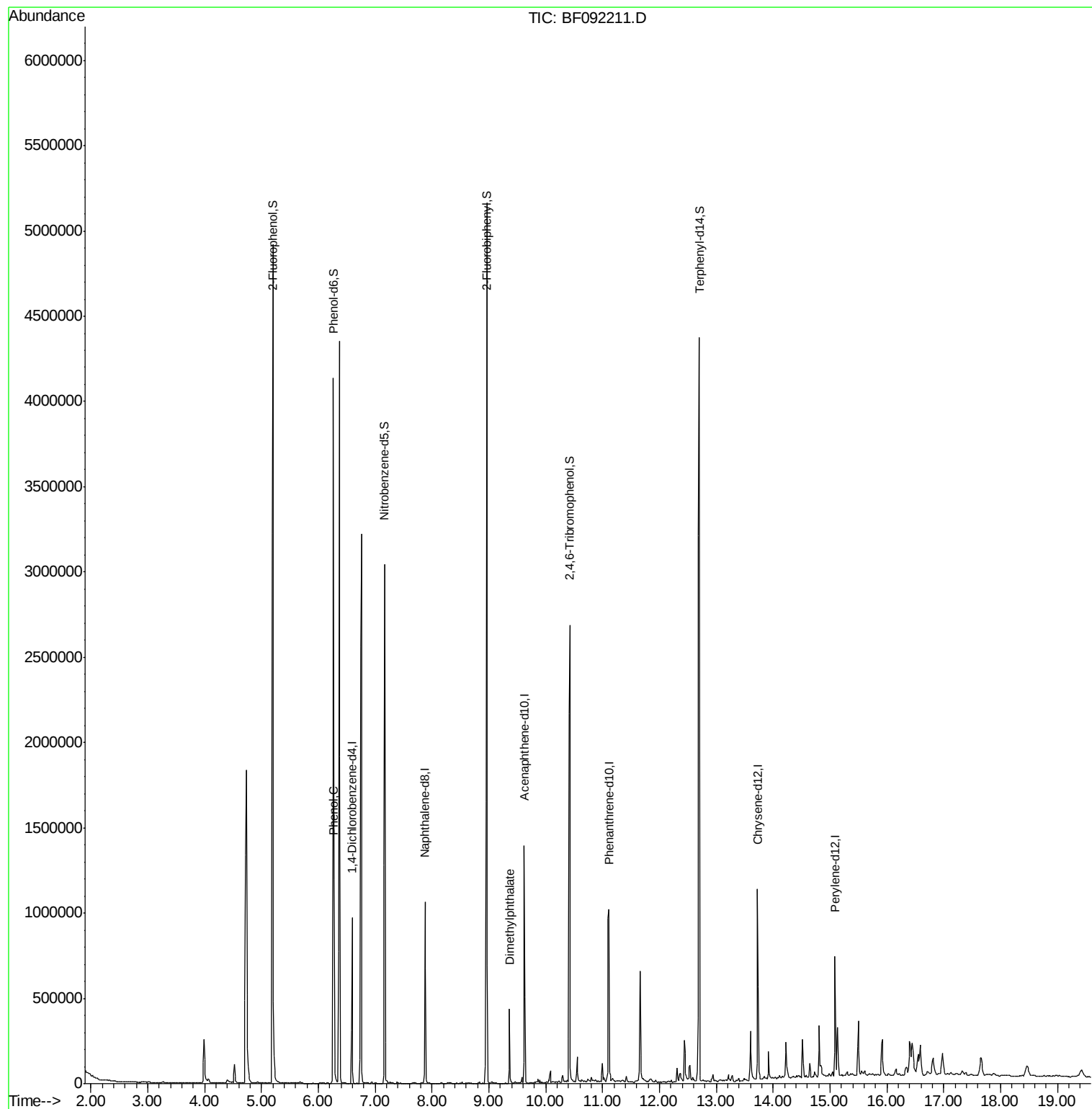
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	156158	20.00	ng	-0.05
21) Naphthalene-d8	7.88	136	634540	20.00	ng	-0.06
38) Acenaphthene-d10	9.62	164	330498	20.00	ng	-0.06
63) Phenanthrene-d10	11.11	188	553923	20.00	ng	-0.05
75) Chrysene-d12	13.73	240	419301	20.00	ng	-0.06
86) Perylene-d12	15.09	264	304444	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1784552	190.81	ng	-0.03
7) Phenol-d6	6.26	99	1680760	147.20	ng	-0.05
23) Nitrobenzene-d5	7.17	82	1134648	99.43	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	449733	164.43	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1729956	111.23	ng	-0.05
78) Terphenyl-d14	12.70	244	1840240	106.44	ng	-0.05
Target Compounds						
10) Phenol	6.28	94	117683	9.04	ng	79
49) Dimethylphthalate	9.36	163	174745	8.27	ng	99

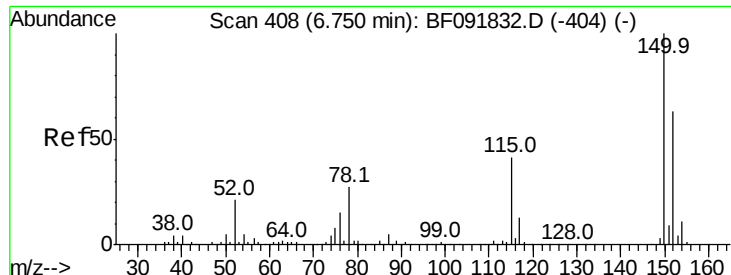
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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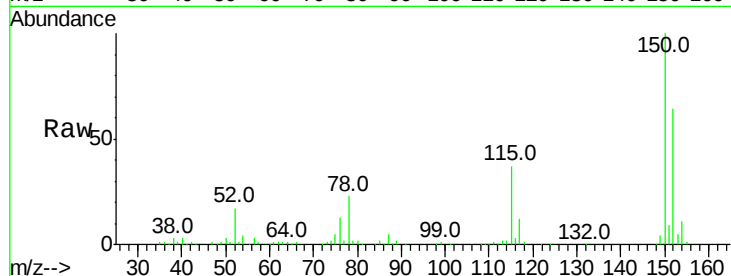


#1

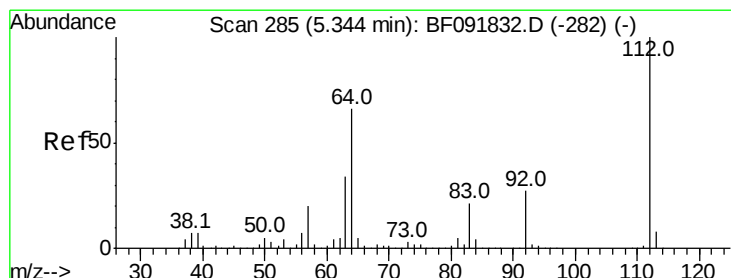
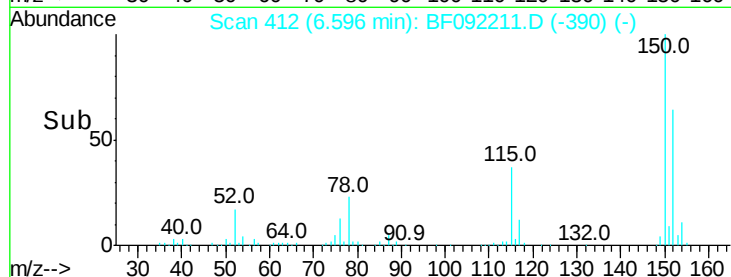
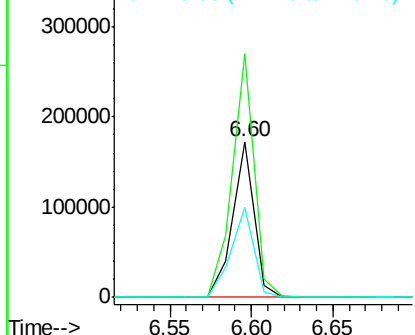
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 412
Delta R.T. -0.05 min
Lab File: BF092211.D
Acq: 12 Jan 2017 16:42

Instrument :
BNA_F
ClientSampleId :
COMP-004

Tot Ion:152 Resp: 156158
Ion Ratio Lower Upper
152 100
150 156.4 124.9 187.3
115 58.1 46.0 69.0



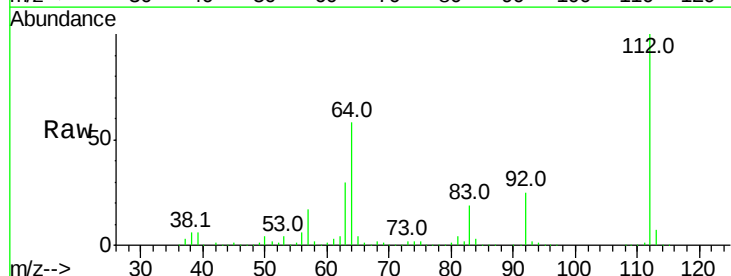
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



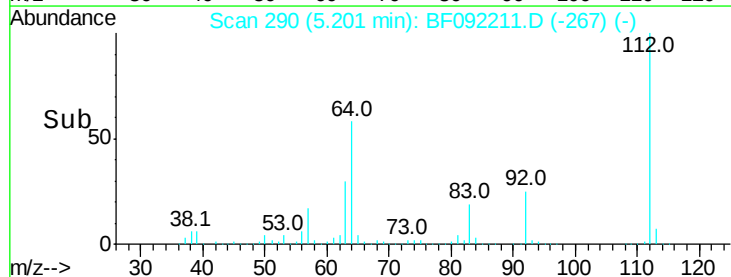
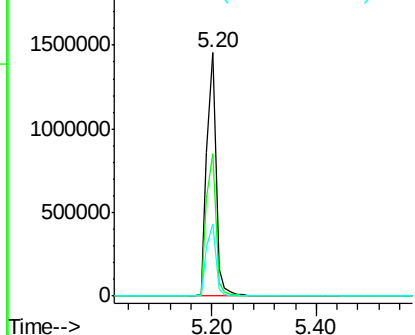
#5

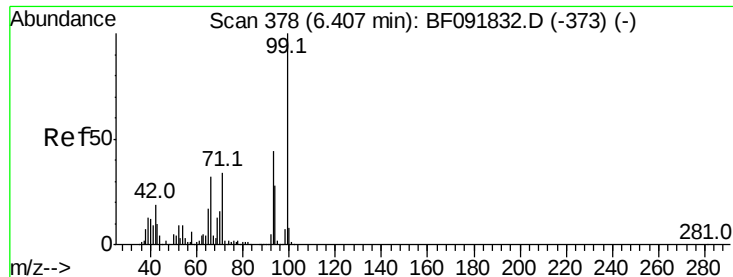
2-Fluorophenol
Concen: 190.81 ng
RT: 5.20 min Scan# 290
Delta R.T. -0.03 min
Lab File: BF092211.D
Acq: 12 Jan 2017 16:42

Tgt Ion:112 Resp: 1784552
Ion Ratio Lower Upper
112 100
64 58.4 46.1 69.1
63 29.8 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: 147.20 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092211.D

Acq: 12 Jan 2017 16:42

Instrument :

BNA_F

ClientSampleId :

COMP-004

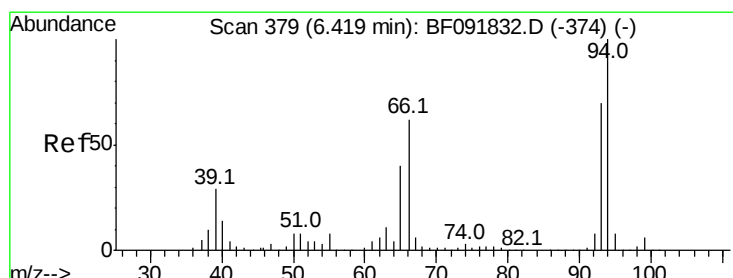
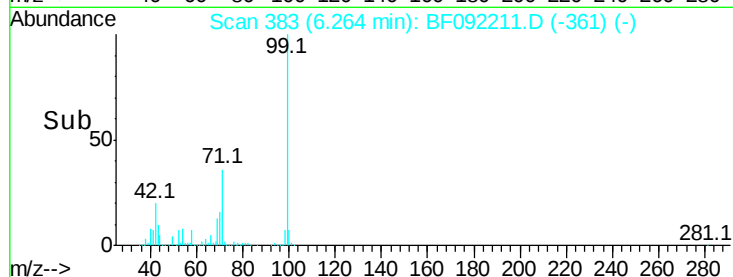
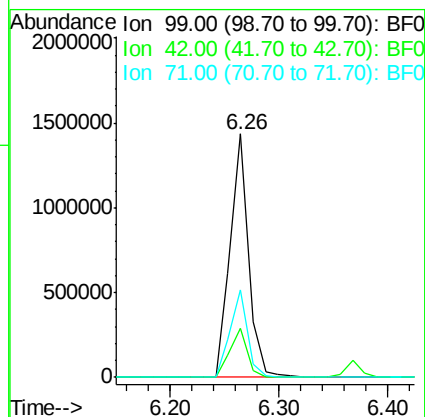
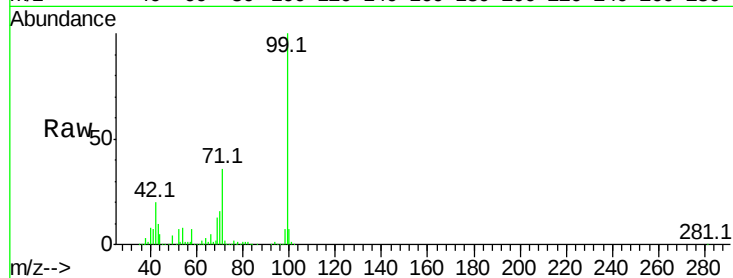
Tot Ion: 99 Resp: 1680760

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

71 35.7 27.5 41.3



#10

Phenol

Concen: 9.04 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF092211.D

Acq: 12 Jan 2017 16:42

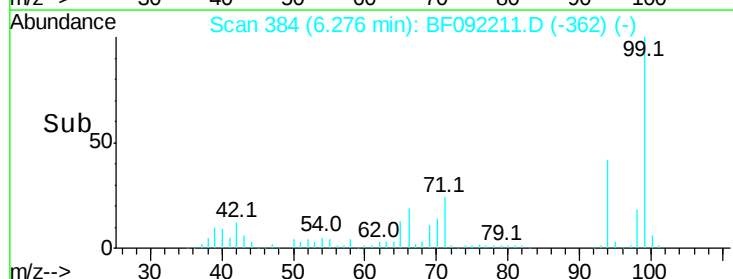
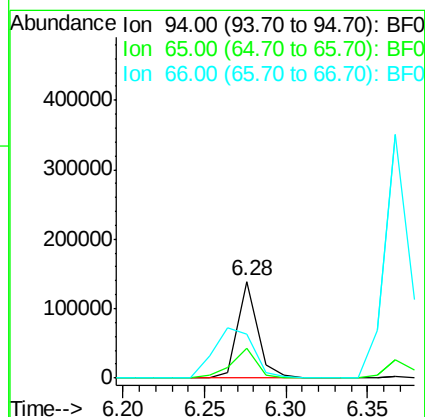
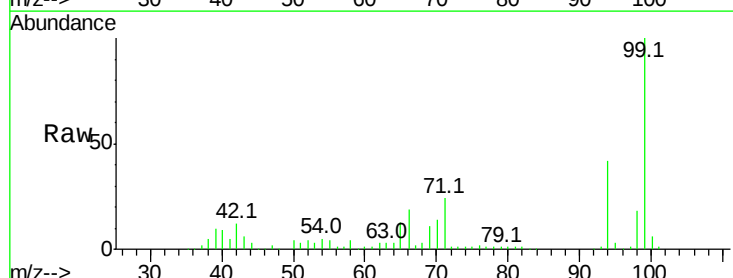
Tgt Ion: 94 Resp: 117683

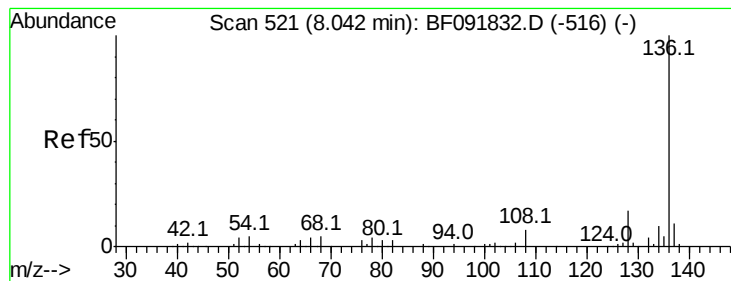
Ion Ratio Lower Upper

94 100

65 31.1 21.4 61.4

66 45.7 44.0 84.0

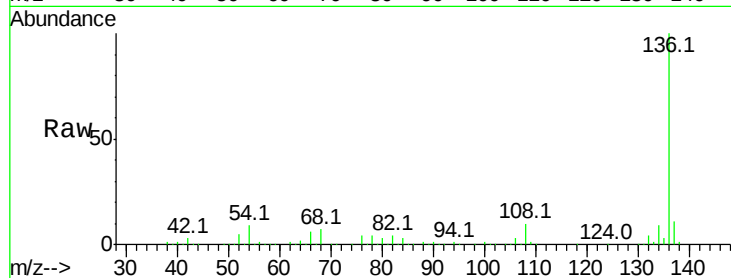




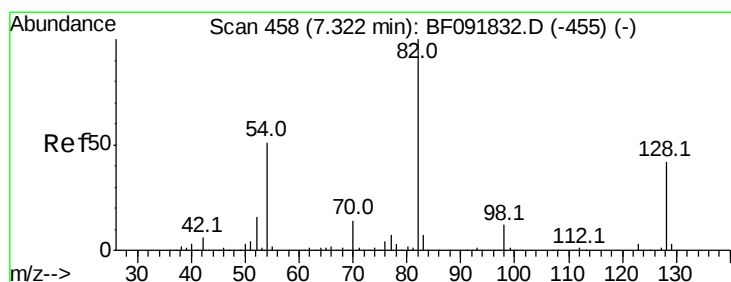
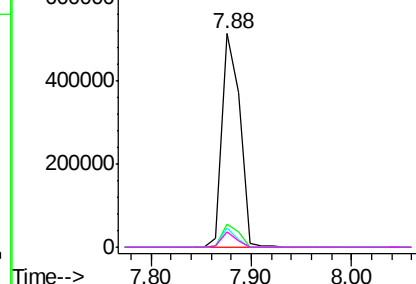
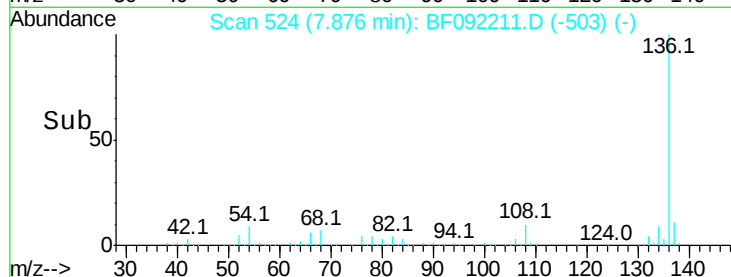
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF092211.D
Acq: 12 Jan 2017 16:42

Instrument :
BNA_F
ClientSampleId :
COMP-004

Tot Ion:136	Resp: 634540
Ion Ratio	Lower Upper
136 100	
137 11.1	8.4 12.6
54 9.1	4.5 6.7#
68 7.2	3.6 5.4#

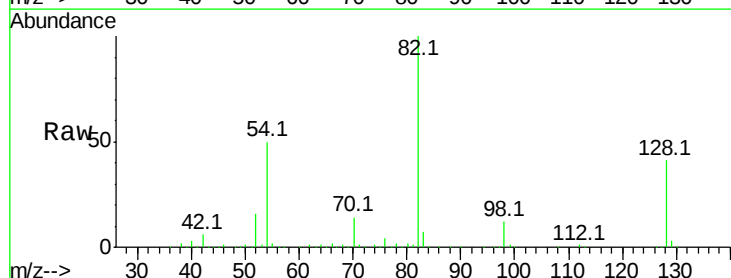


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
600000
Ion 54.00 (53.70 to 54.70): BF0
400000
Ion 68.00 (67.70 to 68.70): BF0
200000
0

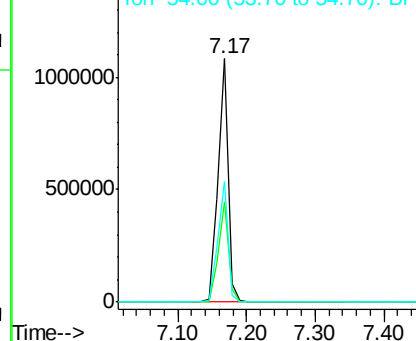
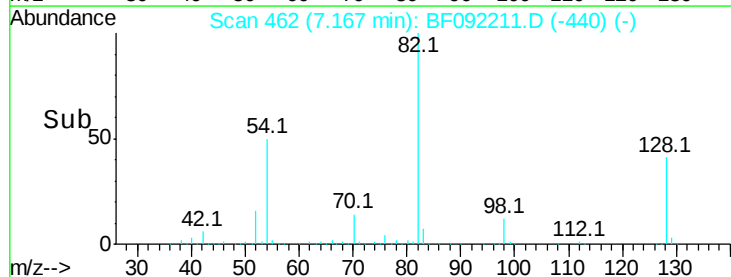


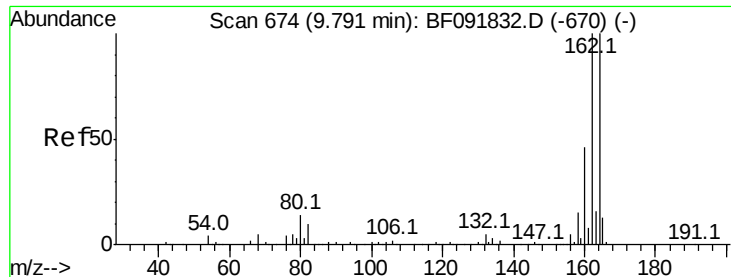
#23
Nitrobenzene-d5
Concen: 99.43 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092211.D
Acq: 12 Jan 2017 16:42

Tgt Ion: 82	Resp: 1134648
Ion Ratio	Lower Upper
82 100	
128 41.2	34.6 52.0
54 49.7	39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
1500000
Ion 128.00 (127.70 to 128.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF0
500000
0

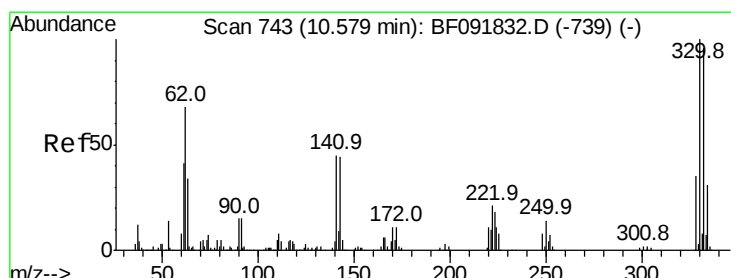
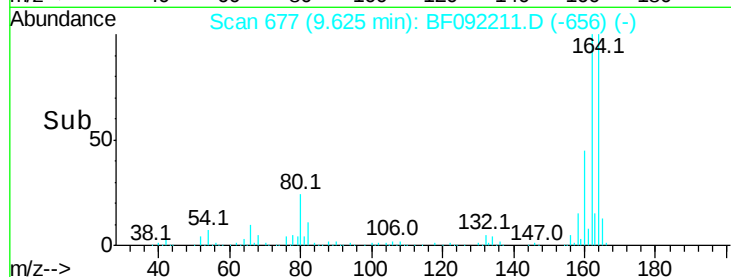
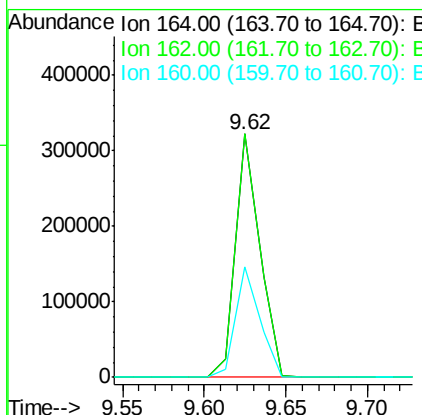
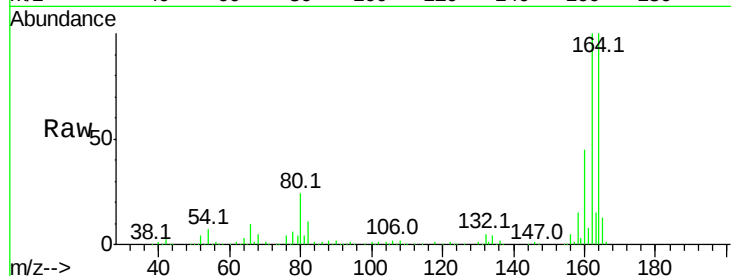




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.06 min
Lab File: BF092211.D
Acq: 12 Jan 2017 16:42

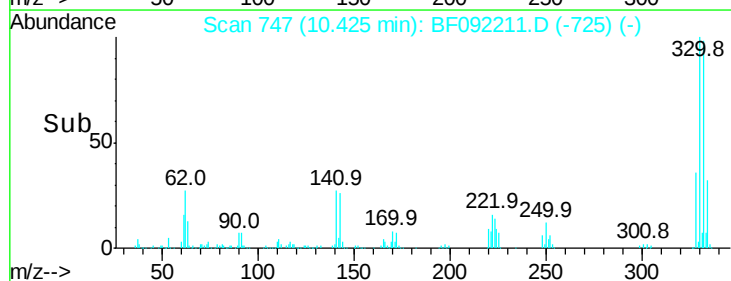
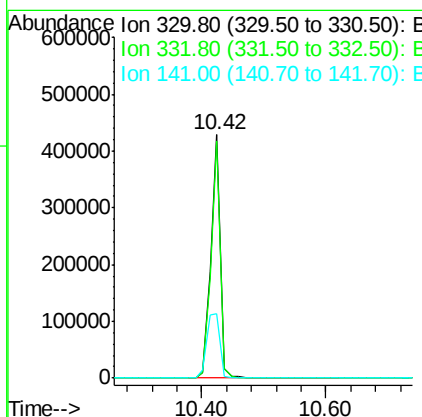
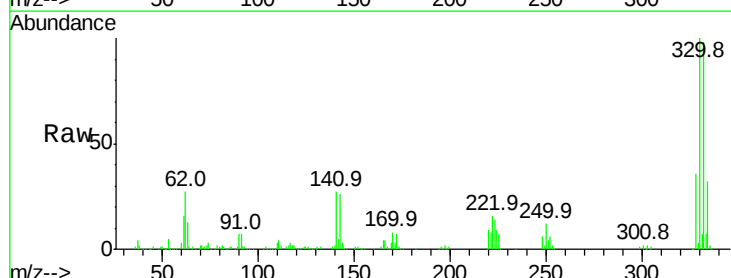
Instrument :
BNA_F
ClientSampleId :
COMP-004

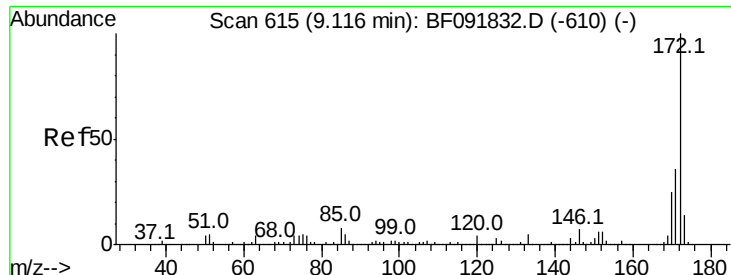
Tot Ion:164 Resp: 330498
Ion Ratio Lower Upper
164 100
162 99.9 80.2 120.2
160 45.2 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 164.43 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.05 min
Lab File: BF092211.D
Acq: 12 Jan 2017 16:42

Tgt Ion:330 Resp: 449733
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.2
141 37.3 34.1 51.1

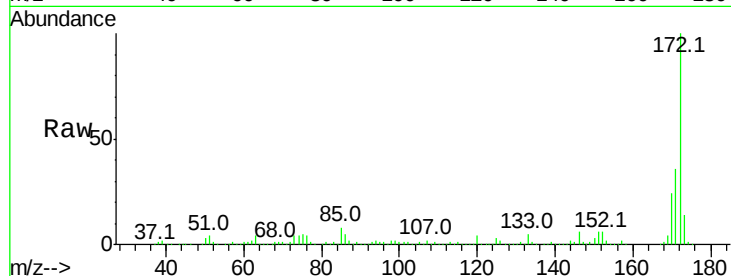




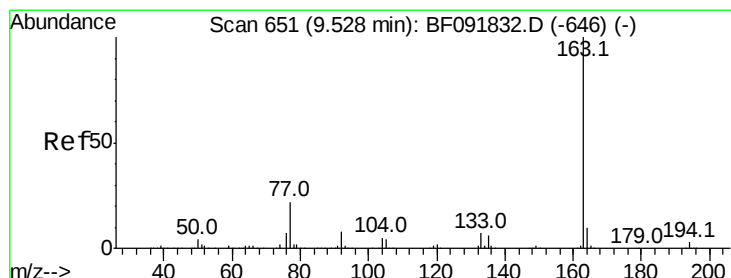
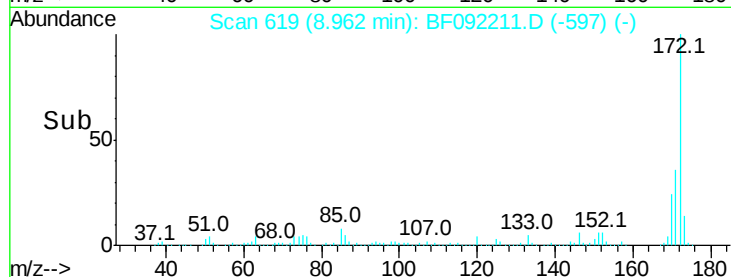
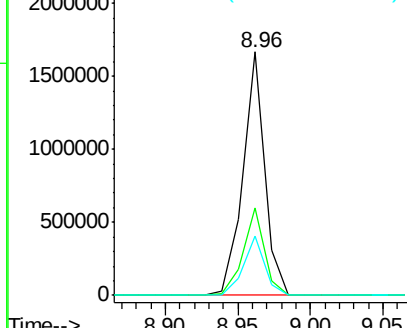
#44
2-Fluorobiphenyl
Concen: 111.23 ng
RT: 8.96 min Scan# 619
Delta R.T. -0.05 min
Lab File: BF092211.D
Acq: 12 Jan 2017 16:42

Instrument :
BNA_F
ClientSampleId :
COMP-004

Tot Ion:172 Resp: 1729956
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 24.3 20.2 30.4

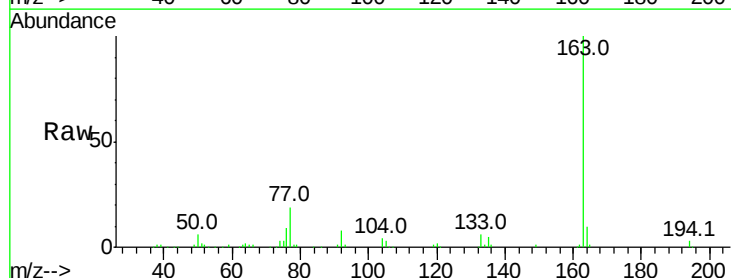


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

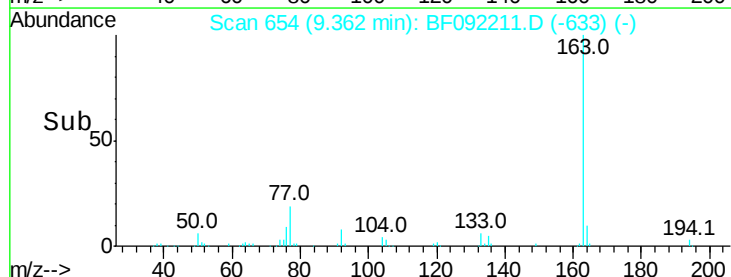
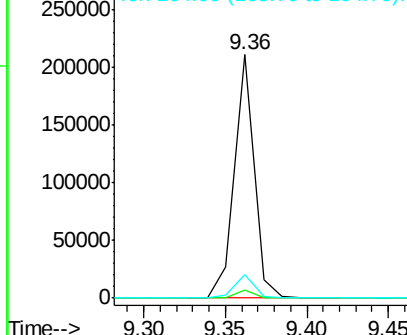


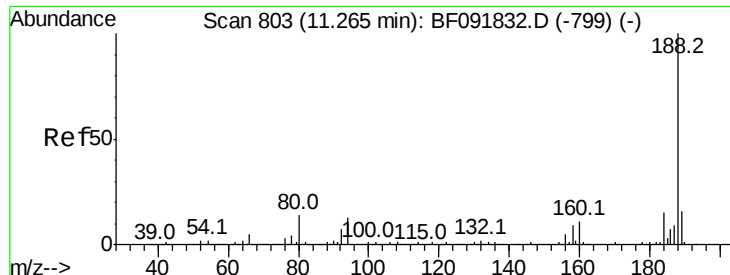
#49
Dimethylphthalate
Concen: 8.27 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF092211.D
Acq: 12 Jan 2017 16:42

Tgt Ion:163 Resp: 174745
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 9.6 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

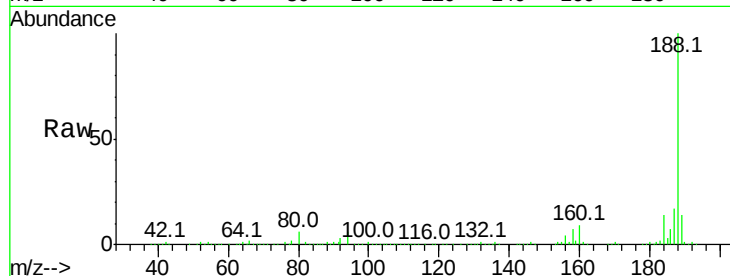




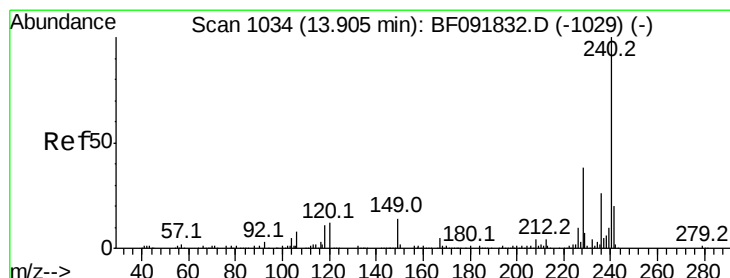
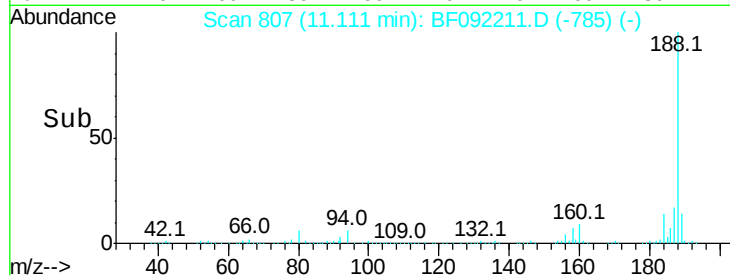
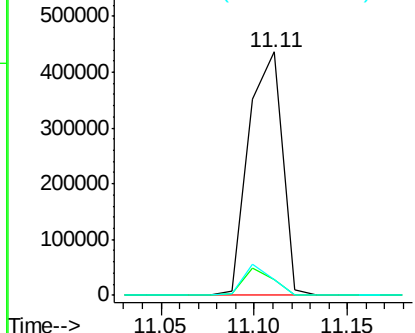
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092211.D
Acq: 12 Jan 2017 16:42

Instrument :
BNA_F
ClientSampleId :
COMP-004

Tot Ion:188 Resp: 553923
Ion Ratio Lower Upper
188 100
94 6.4 10.0 15.0#
80 6.4 11.2 16.8#

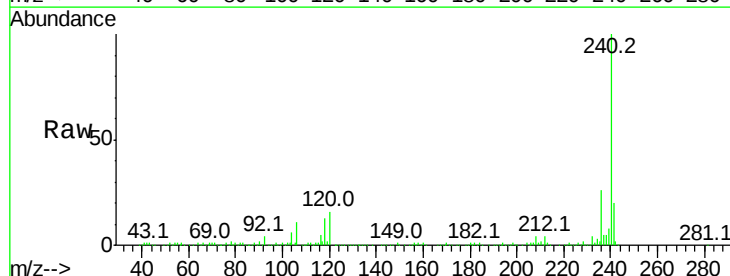


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

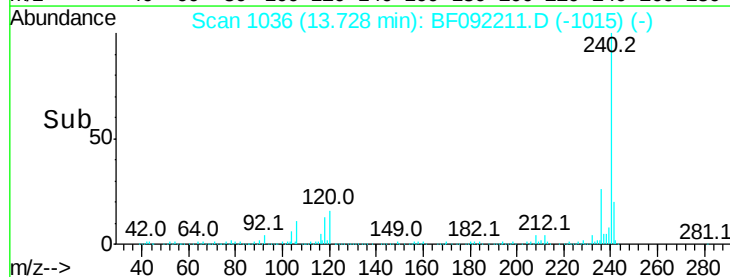
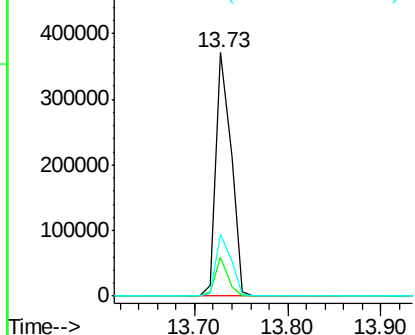


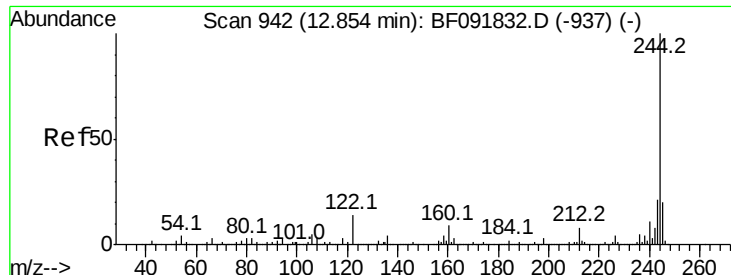
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.06 min
Lab File: BF092211.D
Acq: 12 Jan 2017 16:42

Tgt Ion:240 Resp: 419301
Ion Ratio Lower Upper
240 100
120 15.7 12.9 19.3
236 25.6 20.9 31.3



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: 106.44 ng

RT: 12.70 min Scan# 946

Delta R.T. -0.05 min

Lab File: BF092211.D

Acq: 12 Jan 2017 16:42

Instrument :

BNA_F

ClientSampleId :

COMP-004

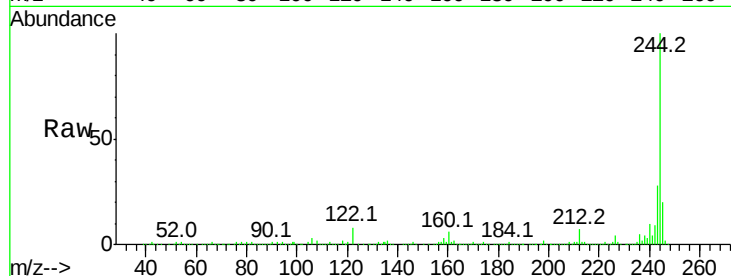
Tot Ion:244 Resp: 1840240

Ion Ratio Lower Upper

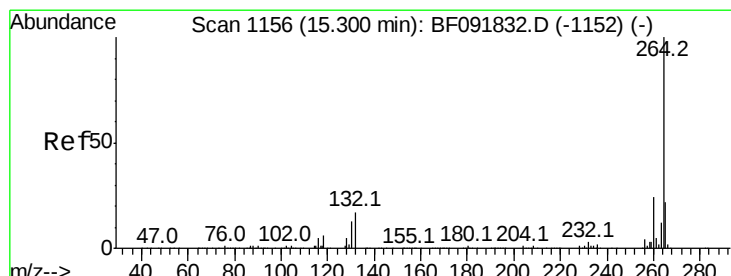
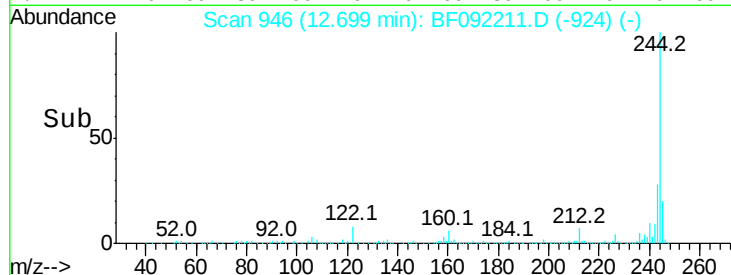
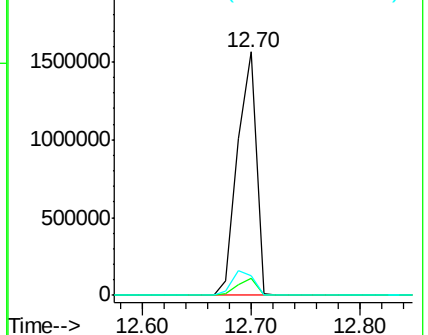
244 100

212 6.9 6.2 9.2

122 8.2 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. -0.06 min

Lab File: BF092211.D

Acq: 12 Jan 2017 16:42

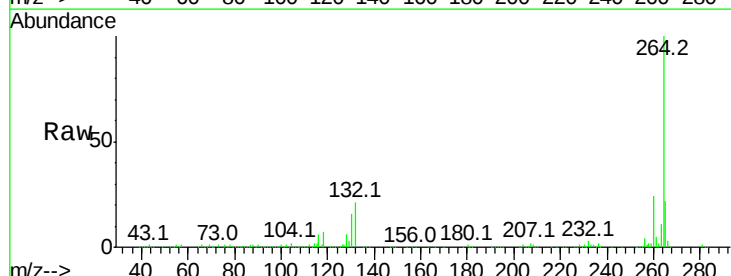
Tgt Ion:264 Resp: 304444

Ion Ratio Lower Upper

264 100

260 23.5 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

