

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
 Data File : BF092264.D
 Acq On : 14 Jan 2017 1:42
 Operator : UM/SJ
 Sample : I1031-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0027

Quant Time: Jan 16 02:52:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 16 01:02:36 2017
 Response via : Initial Calibration

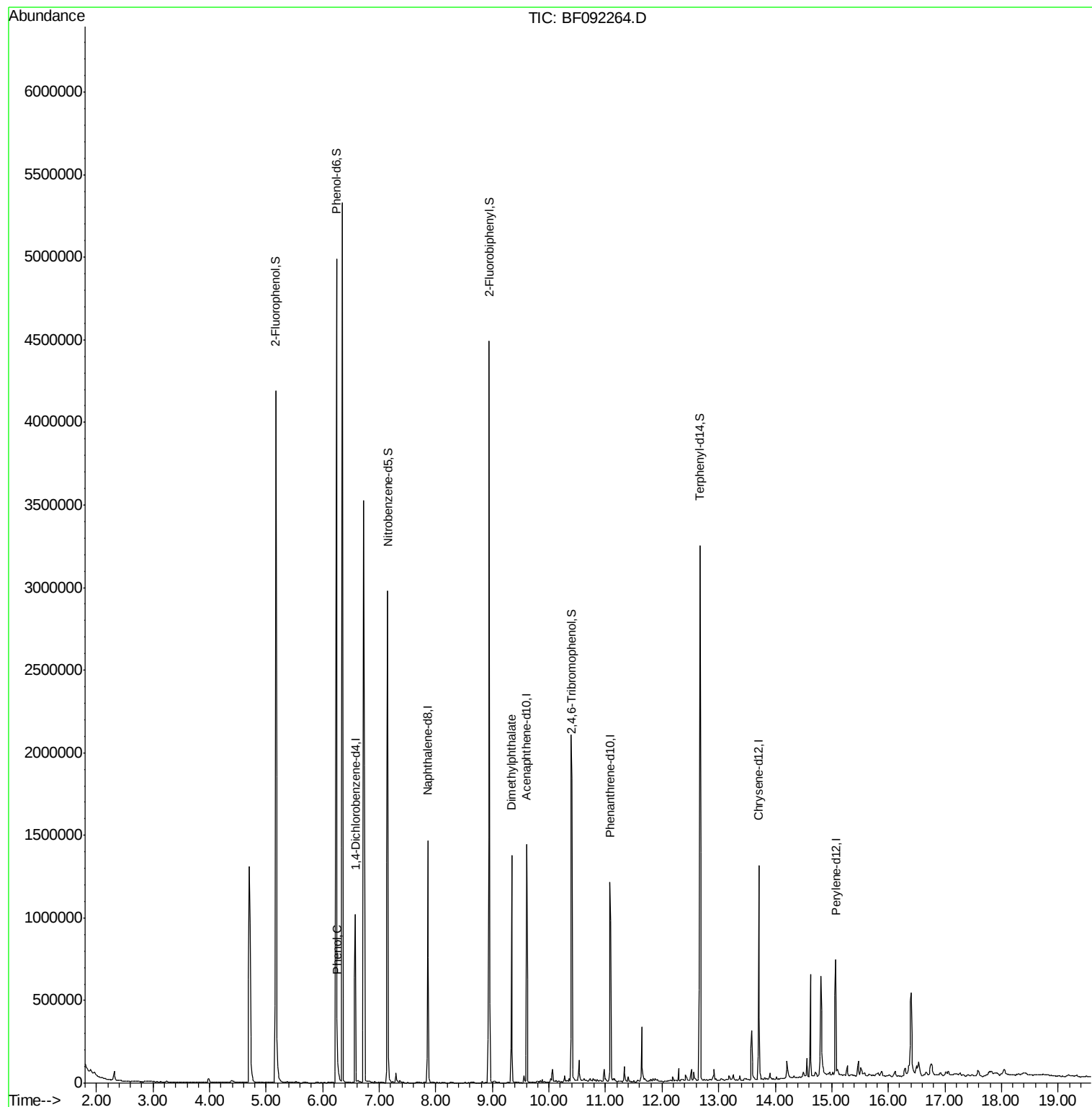
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	202998	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	839560	20.00	ng	-0.02
38) Acenaphthene-d10	9.60	164	369528	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	623192	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	445553	20.00	ng	-0.02
86) Perylene-d12	15.07	264	338597	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	1411534	116.10	ng	0.00
7) Phenol-d6	6.24	99	2014057	135.69	ng	-0.01
23) Nitrobenzene-d5	7.15	82	1125208	74.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	395094	129.20	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1541799	85.58	ng	-0.01
78) Terphenyl-d14	12.67	244	1191563	64.86	ng	-0.02
Target Compounds						
10) Phenol	6.26	94	34268	2.03	ng	Qvalue # 75
49) Dimethylphthalate	9.34	163	559421	23.67	ng	99

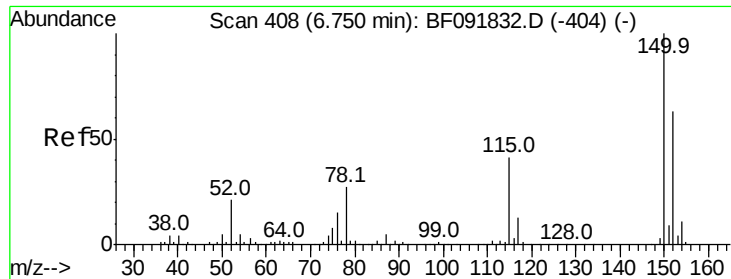
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092264.D

Acq: 14 Jan 2017 1:42

Instrument :

BNA_F

ClientSampleId :

COMP-0027

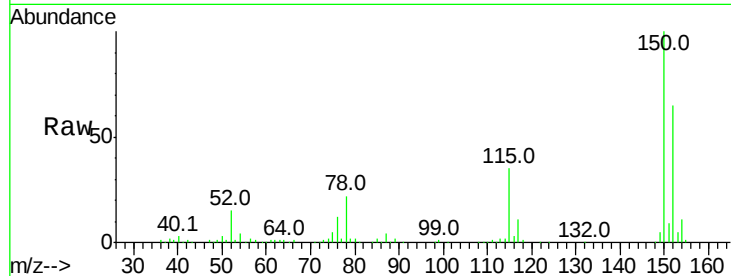
Tot Ion:152 Resp: 202998

Ion Ratio Lower Upper

152 100

150 152.9 124.9 187.3

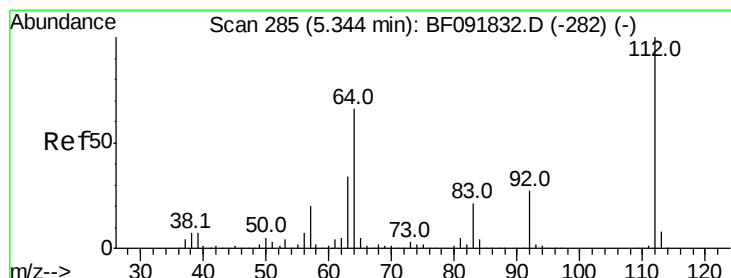
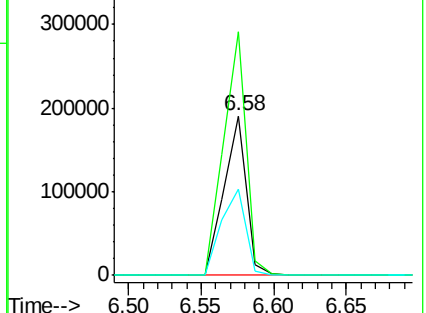
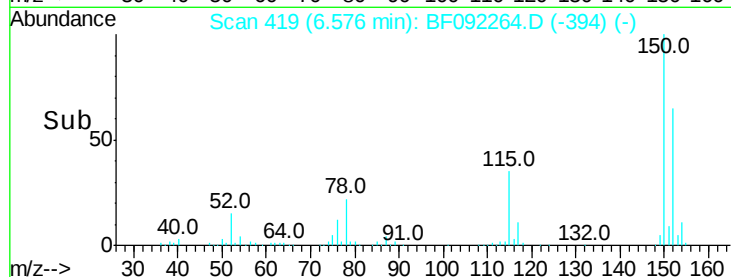
115 53.8 46.0 69.0



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: 116.10 ng

RT: 5.17 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF092264.D

Acq: 14 Jan 2017 1:42

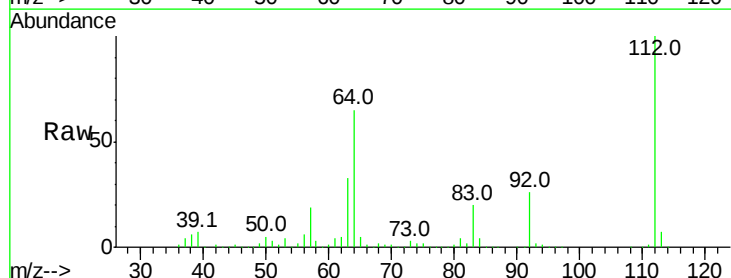
Tgt Ion:112 Resp: 1411534

Ion Ratio Lower Upper

112 100

64 64.9 46.1 69.1

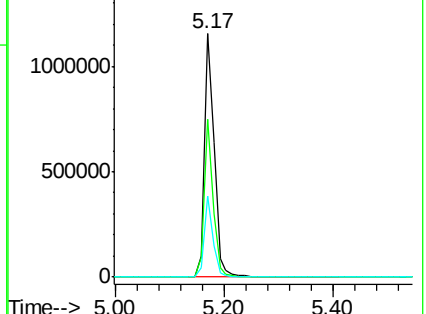
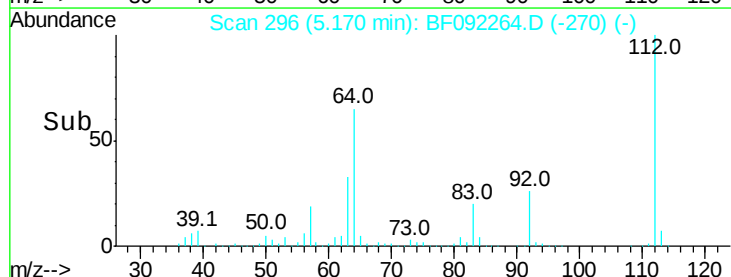
63 33.4 23.8 35.6

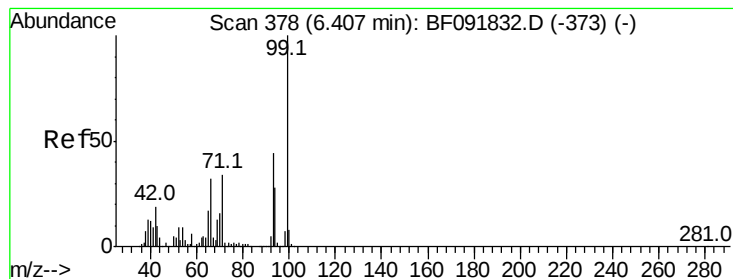


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.69 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092264.D

Acq: 14 Jan 2017 1:42

Instrument :

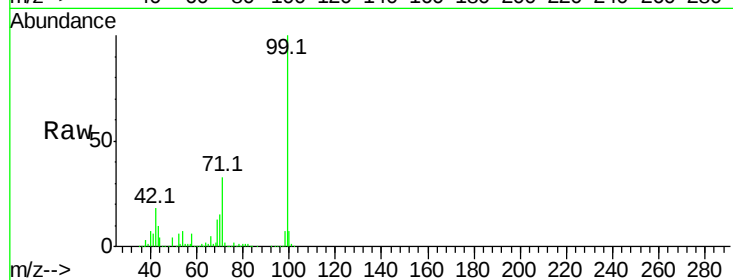
BNA_F

ClientSampleId :

COMP-0027

Tot Ion: 99 Resp: 2014057

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.6	23.4
71	33.0	27.5	41.3

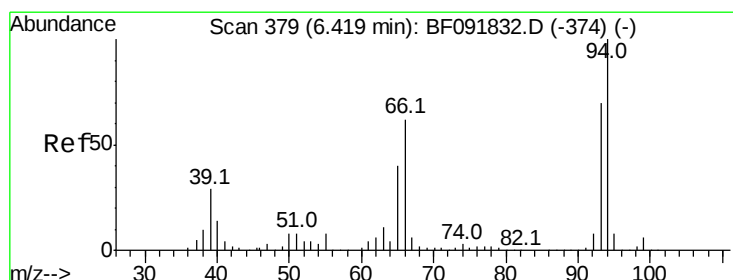
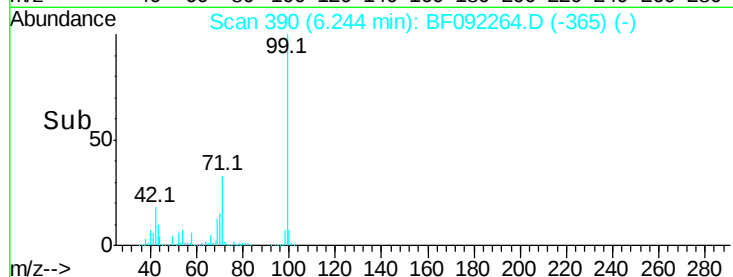
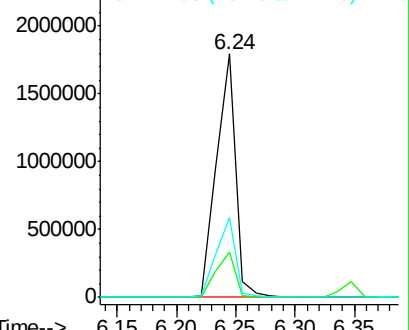


Abundance

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: 2.03 ng

RT: 6.26 min Scan# 391

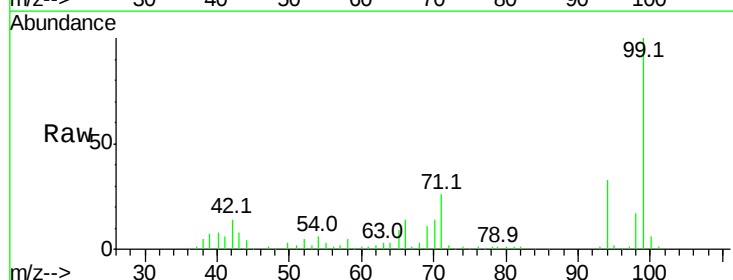
Delta R.T. -0.01 min

Lab File: BF092264.D

Acq: 14 Jan 2017 1:42

Tgt Ion: 94 Resp: 34268

Ion	Ratio	Lower	Upper
94	100		
65	27.0	21.4	61.4
66	43.2	44.0	84.0#

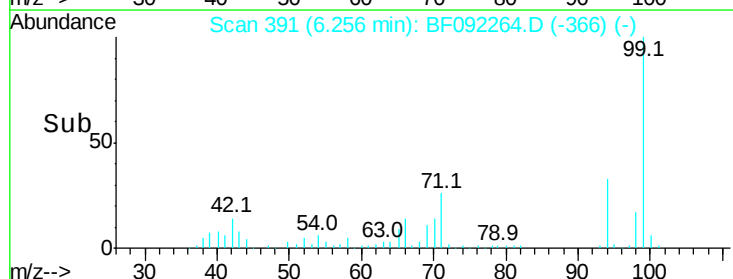
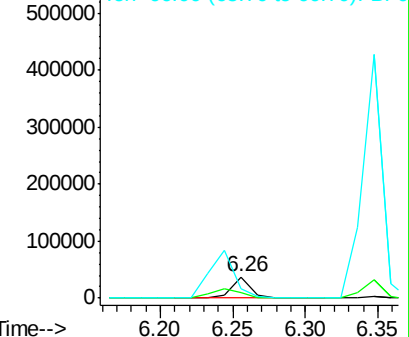


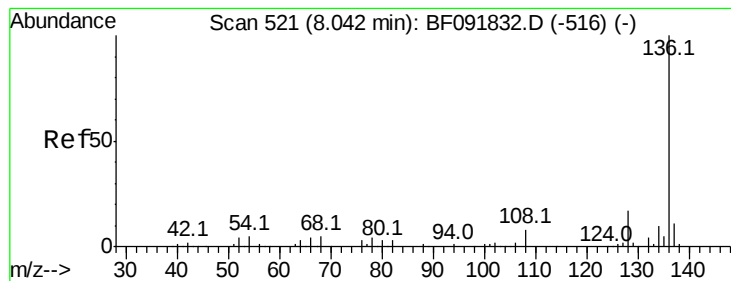
Abundance

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

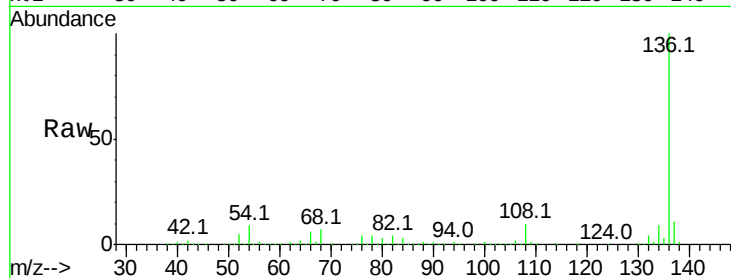




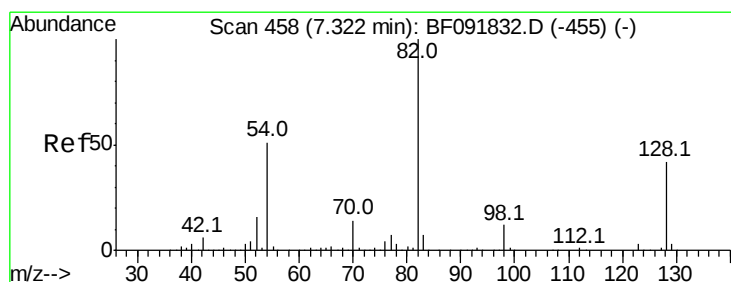
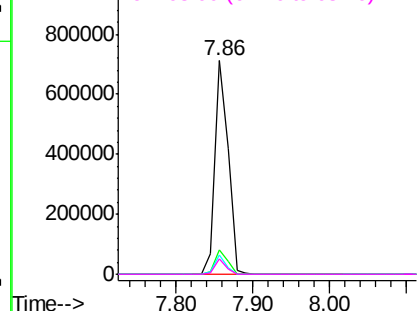
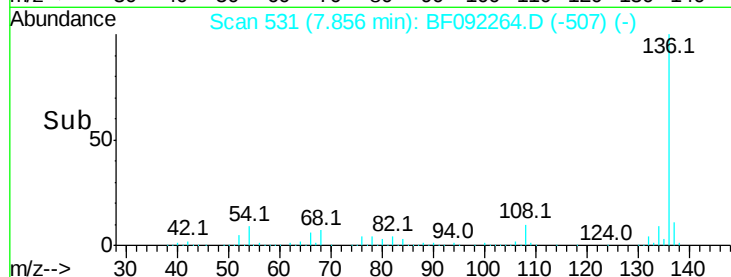
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF092264.D
Acq: 14 Jan 2017 1:42

Instrument :
BNA_F
ClientSampleId :
COMP-0027

Tot Ion:	136	Resp:	839560
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	9.2	4.5	6.7#
68	7.2	3.6	5.4#

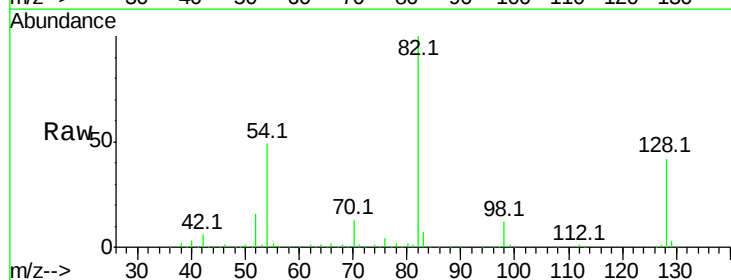


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

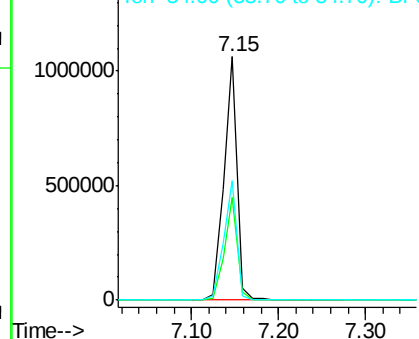
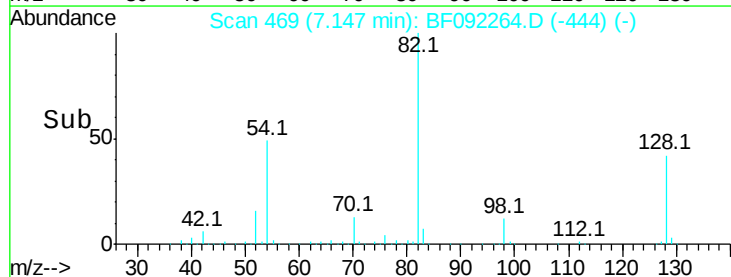


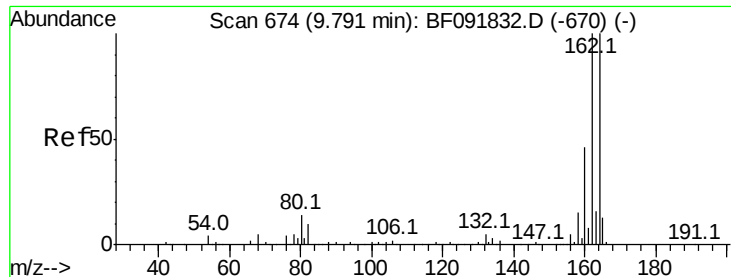
#23
Nitrobenzene-d5
Concen: 74.53 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092264.D
Acq: 14 Jan 2017 1:42

Tgt Ion:	82	Resp:	1125208
Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	52.0
54	49.1	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: 9.60 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF092264.D

Acq: 14 Jan 2017 1:42

Instrument :

BNA_F

ClientSampleId :

COMP-0027

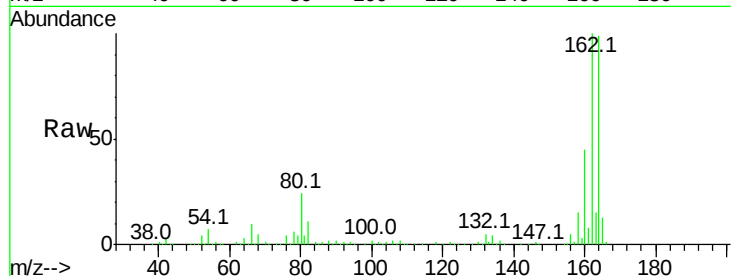
Tot Ion:164 Resp: 369528

Ion Ratio Lower Upper

164 100

162 101.4 80.2 120.2

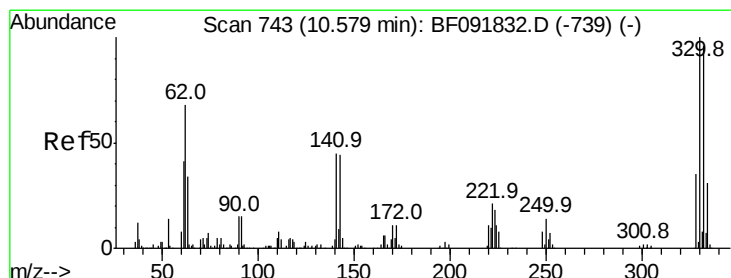
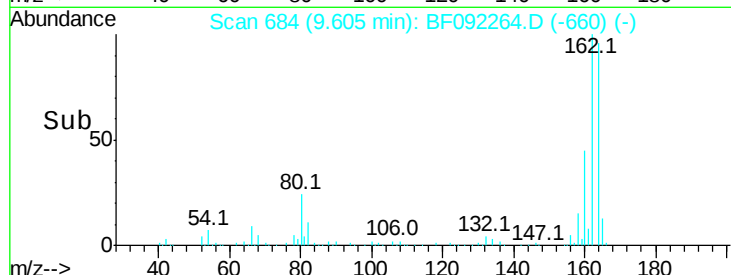
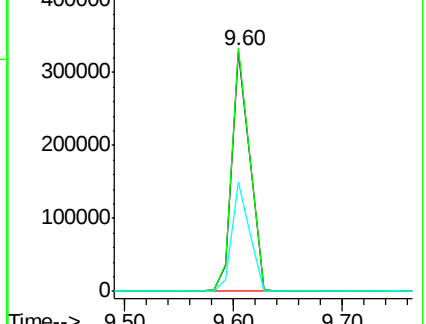
160 45.4 36.9 55.3



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: 129.20 ng

RT: 10.40 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF092264.D

Acq: 14 Jan 2017 1:42

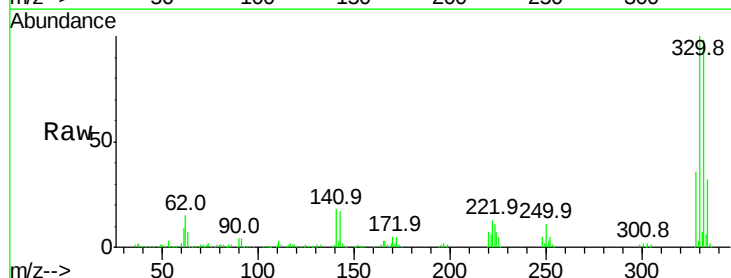
Tgt Ion:330 Resp: 395094

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

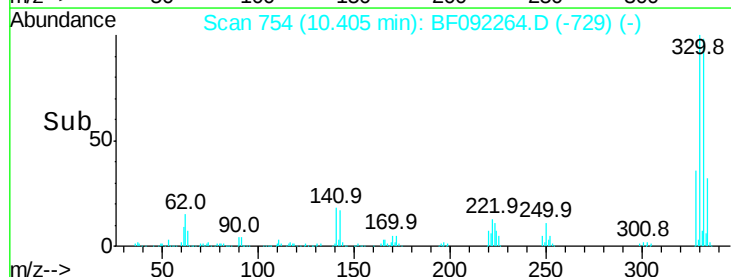
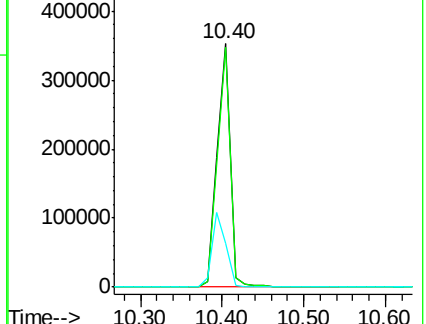
141 33.3 34.1 51.1#



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

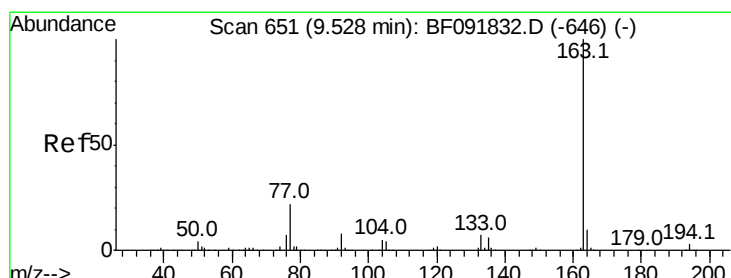
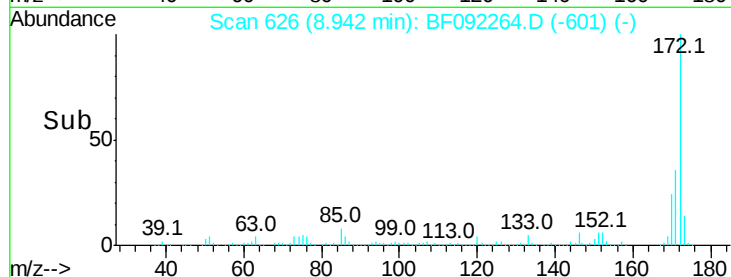
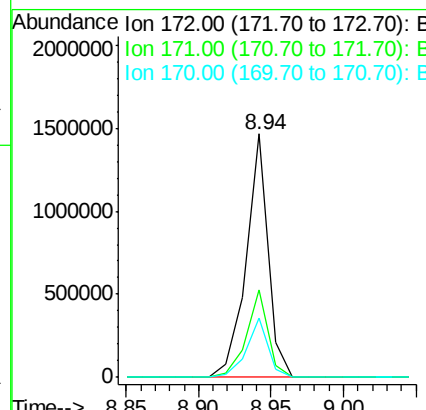
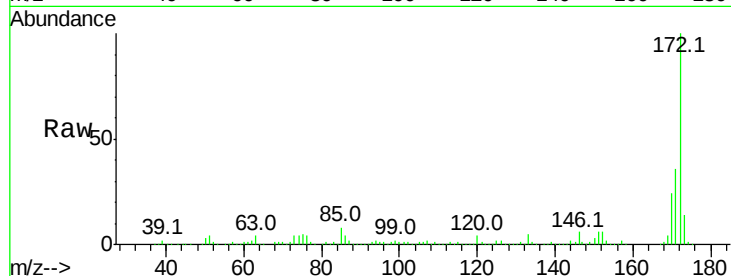




#44
2-Fluorobiphenyl
Concen: 85.58 ng
RT: 8.94 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF092264.D
Acq: 14 Jan 2017 1:42

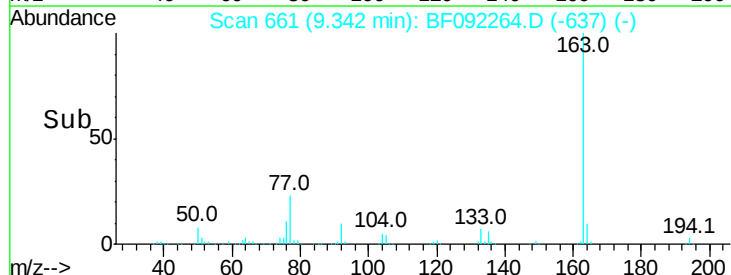
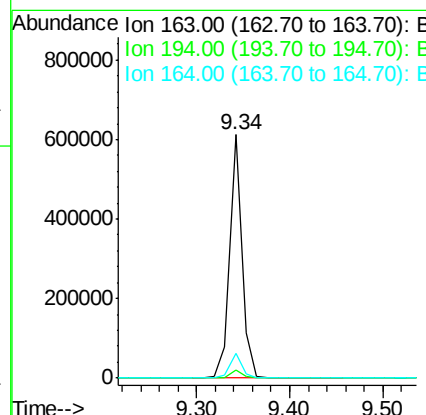
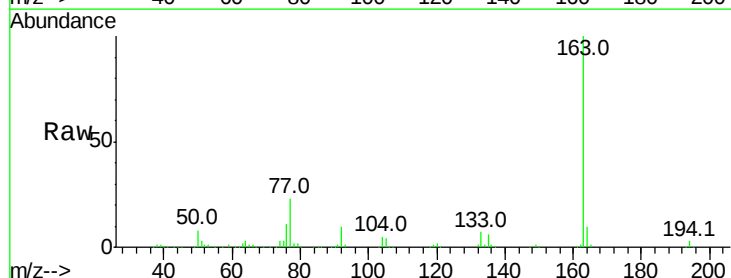
Instrument :
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COMP-0027

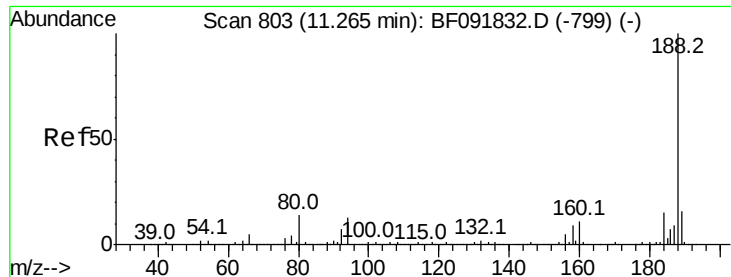
Tot Ion:172 Resp: 1541799
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 24.5 20.2 30.4



#49
Dimethylphthalate
Concen: 23.67 ng
RT: 9.34 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF092264.D
Acq: 14 Jan 2017 1:42

Tgt Ion:163 Resp: 559421
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.4 8.0 12.0

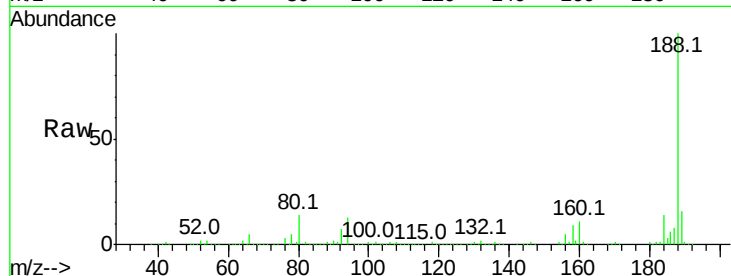




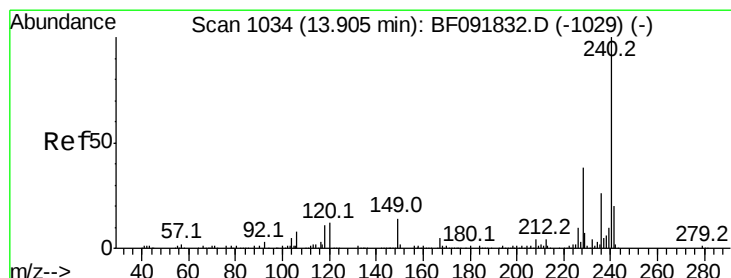
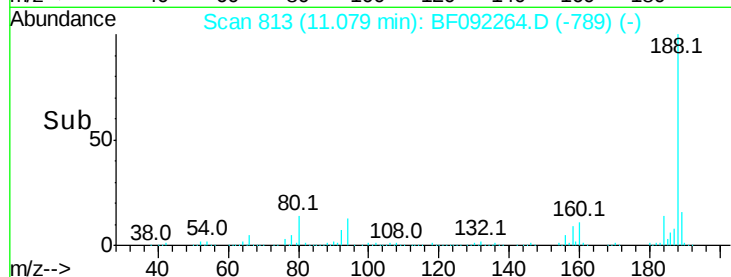
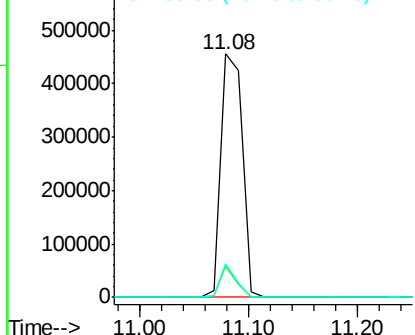
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF092264.D
Acq: 14 Jan 2017 1:42

Instrument :
BNA_F
ClientSampleId :
COMP-0027

Tot Ion:188 Resp: 623192
Ion Ratio Lower Upper
188 100
94 12.9 10.0 15.0
80 14.0 11.2 16.8

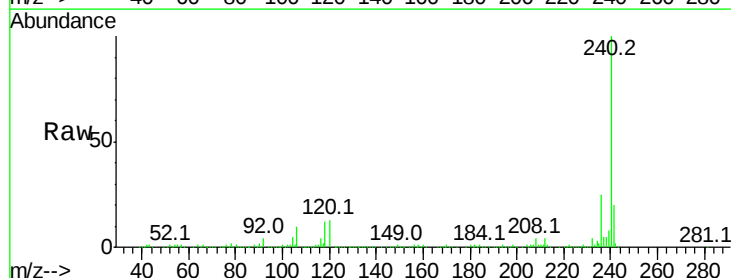


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

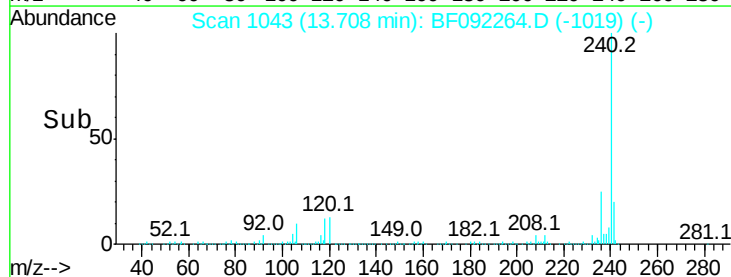
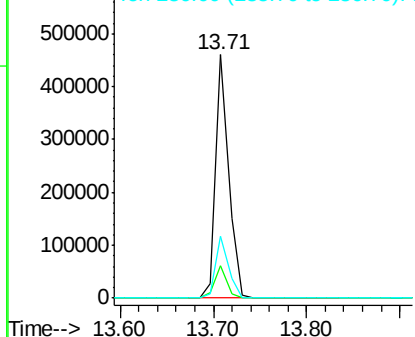


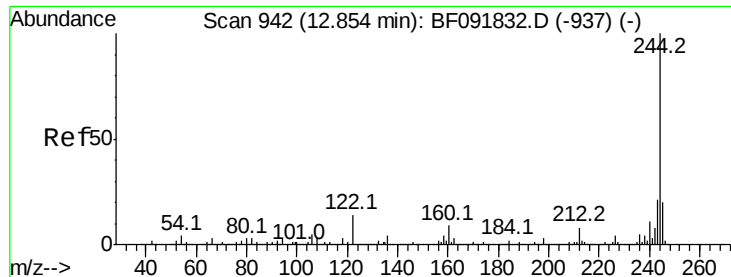
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF092264.D
Acq: 14 Jan 2017 1:42

Tgt Ion:240 Resp: 445553
Ion Ratio Lower Upper
240 100
120 13.1 12.9 19.3
236 25.4 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: 64.86 ng

RT: 12.67 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF092264.D

Acq: 14 Jan 2017 1:42

Instrument :

BNA_F

ClientSampleId :

COMP-0027

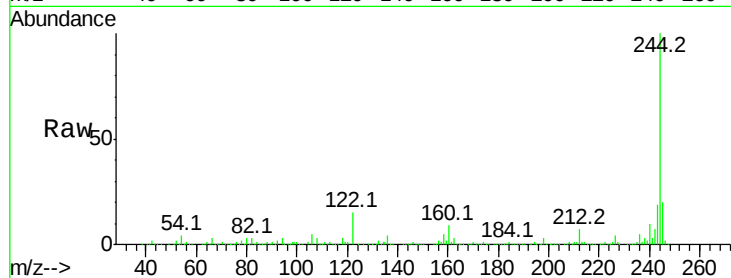
Tot Ion:244 Resp: 1191563

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

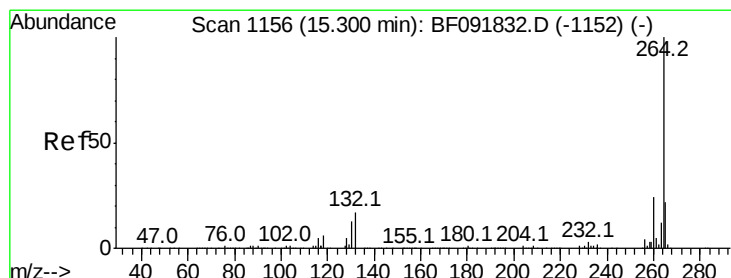
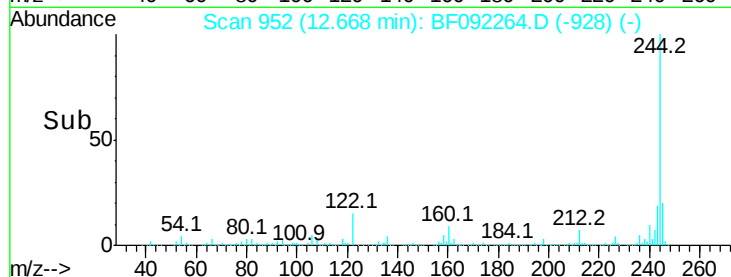
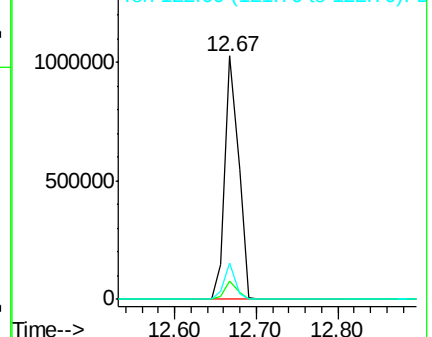
122 14.8 11.4 17.2



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: 15.07 min Scan# 1162

Delta R.T. -0.02 min

Lab File: BF092264.D

Acq: 14 Jan 2017 1:42

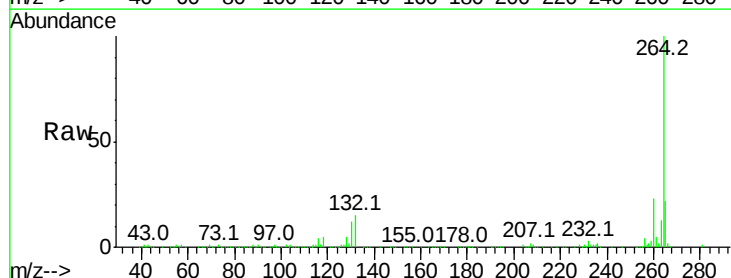
Tgt Ion:264 Resp: 338597

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.6 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

