

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
 Data File : BF092371.D
 Acq On : 20 Jan 2017 14:24
 Operator : UM/SJ
 Sample : I1271-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-02

Quant Time: Jan 20 22:59:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 22:22:14 2017
 Response via : Initial Calibration

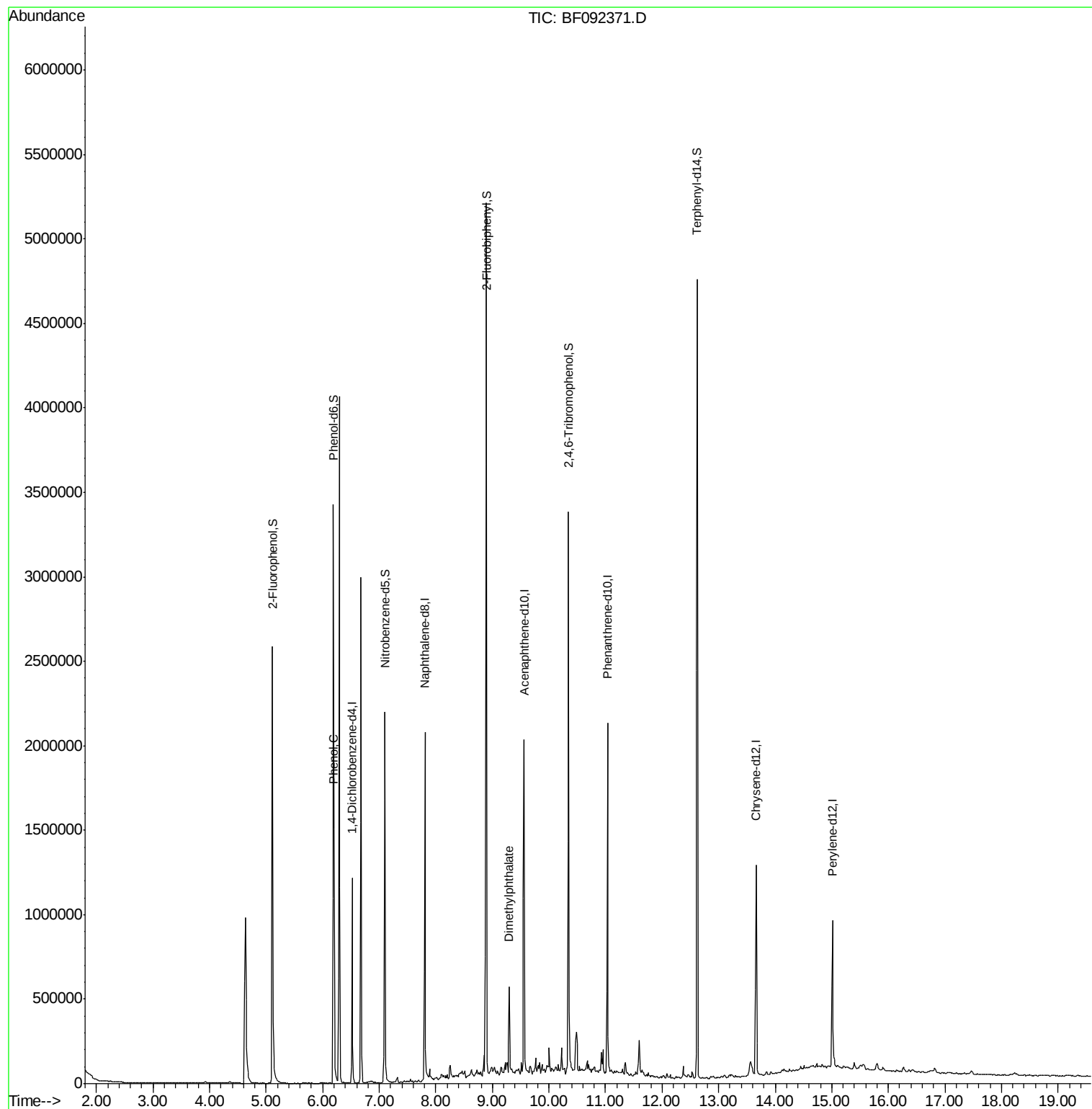
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	181103	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	1009309	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	514165	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	778276	20.00	ng	0.00
75) Chrysene-d12	13.66	240	490864	20.00	ng	0.00
86) Perylene-d12	15.01	264	412445	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	1169085	107.79	ng	0.02
7) Phenol-d6	6.19	99	1534550	115.88	ng	0.00
23) Nitrobenzene-d5	7.10	82	1024406	56.44	ng	0.00
41) 2,4,6-Tribromophenol	10.35	330	422815	99.37	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	2262248	91.07	ng	0.00
78) Terphenyl-d14	12.62	244	1676856	82.85	ng	0.00
Target Compounds						
10) Phenol	6.20	94	69200	4.59	ng	93
49) Dimethylphthalate	9.30	163	198871	6.05	ng	99

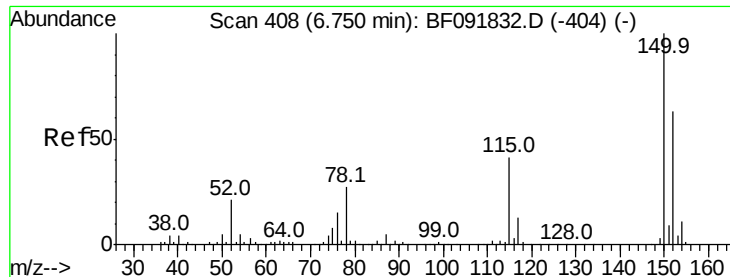
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF092371.D

Acq: 20 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

SS-02

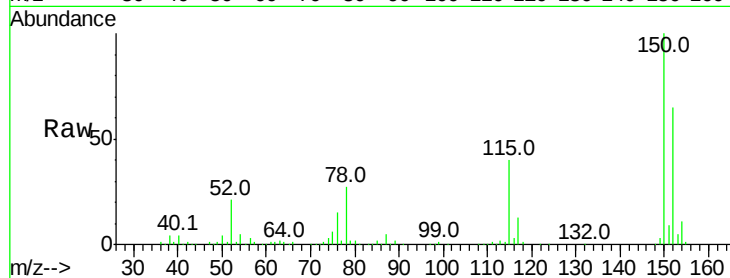
Tot Ion:152 Resp: 181103

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

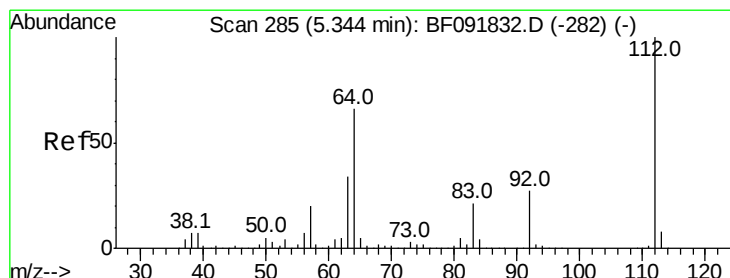
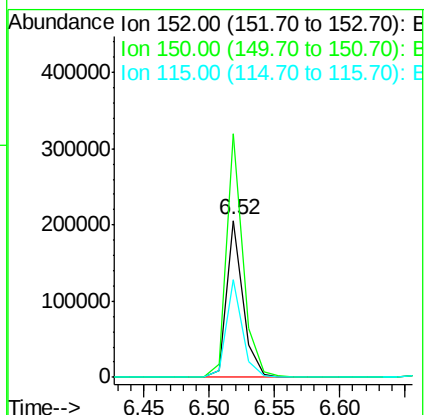
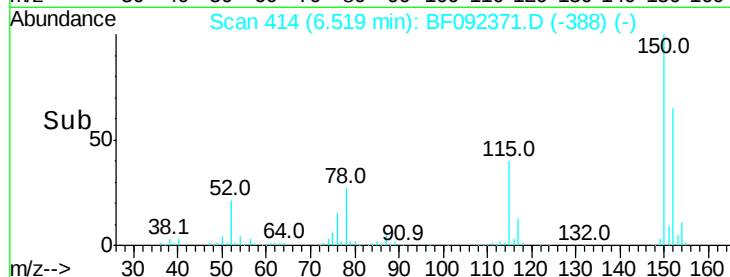
115 62.2 46.0 69.0



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: 107.79 ng

RT: 5.11 min Scan# 291

Delta R.T. 0.02 min

Lab File: BF092371.D

Acq: 20 Jan 2017 14:24

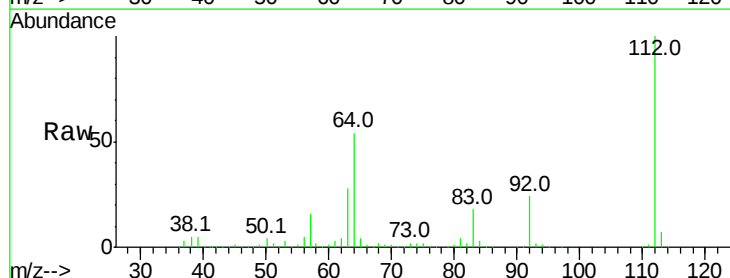
Tgt Ion:112 Resp: 1169085

Ion Ratio Lower Upper

112 100

64 54.3 46.1 69.1

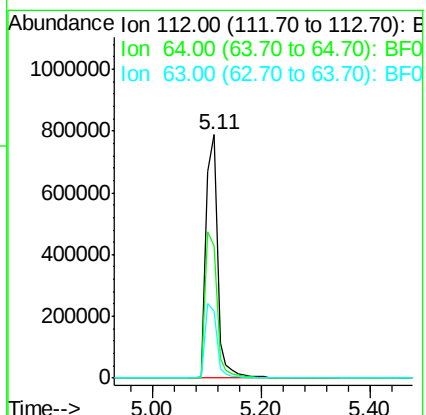
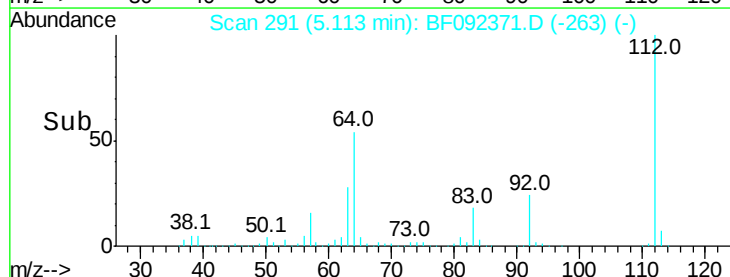
63 27.6 23.8 35.6

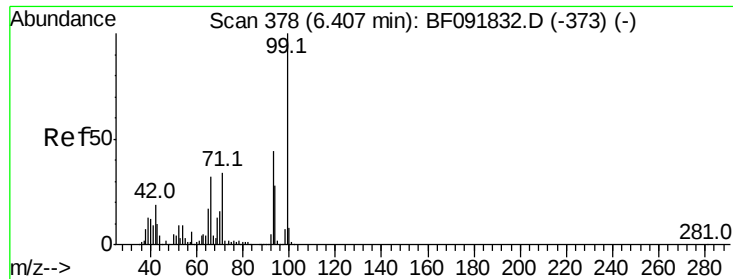


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.88 ng

RT: 6.19 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF092371.D

Acq: 20 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

SS-02

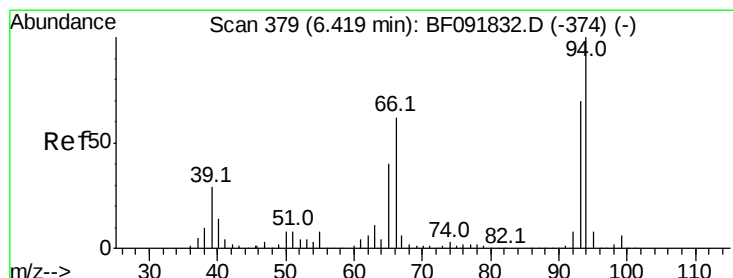
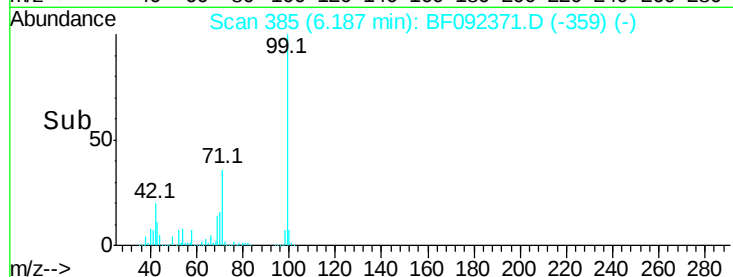
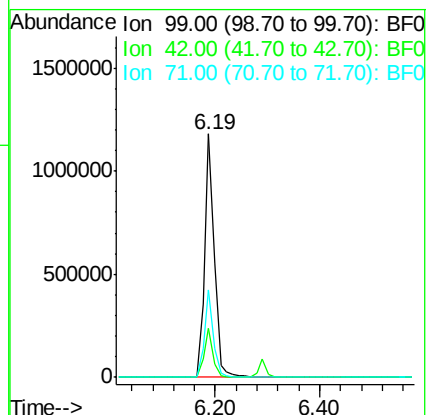
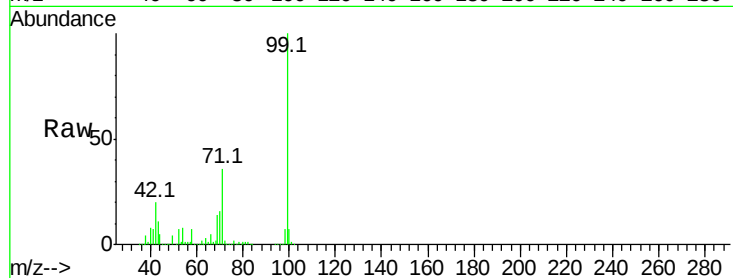
Tot Ion: 99 Resp: 1534550

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

71 35.9 27.5 41.3



#10

Phenol

Concen: 4.59 ng

RT: 6.20 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF092371.D

Acq: 20 Jan 2017 14:24

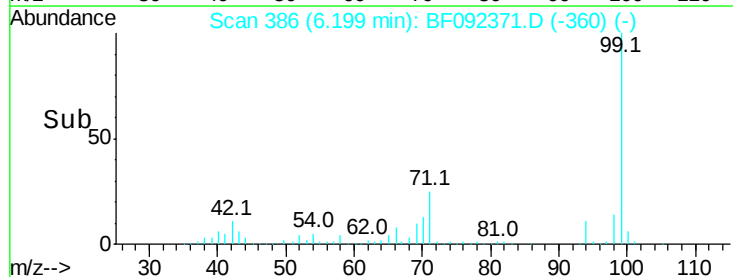
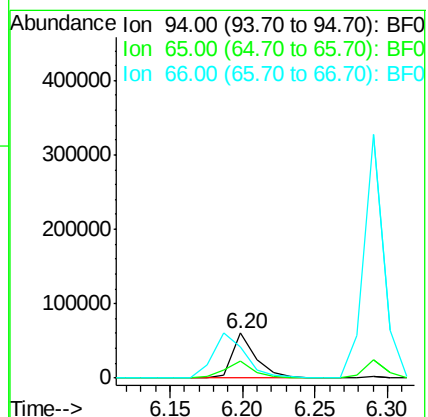
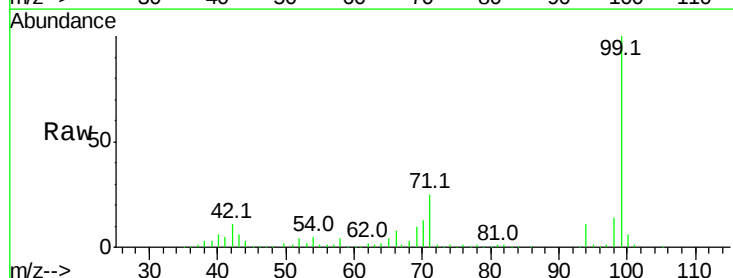
Tgt Ion: 94 Resp: 69200

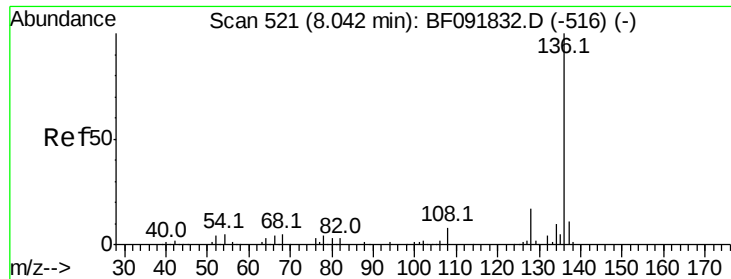
Ion Ratio Lower Upper

94 100

65 37.6 21.4 61.4

66 69.9 44.0 84.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF092371.D

Acq: 20 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

SS-02

Tot Ion:136 Resp: 1009309

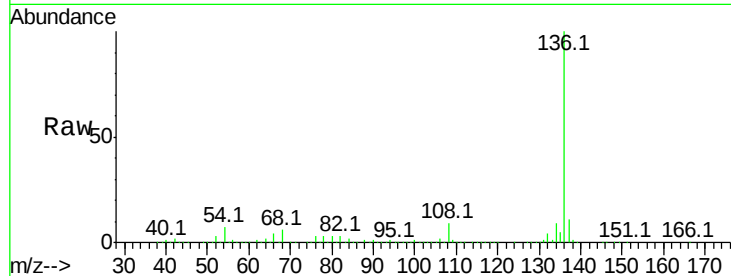
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 6.7 4.5 6.7

68 5.7 3.6 5.4#

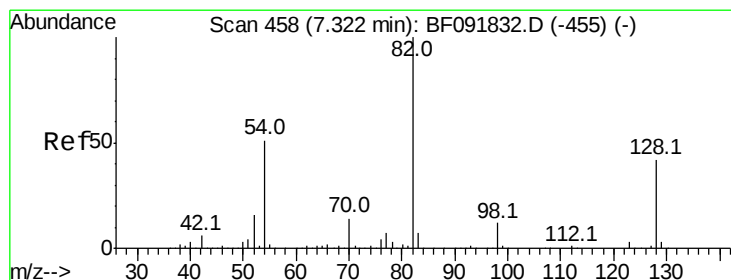
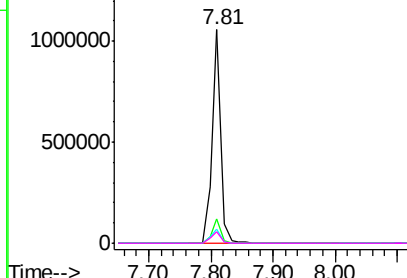
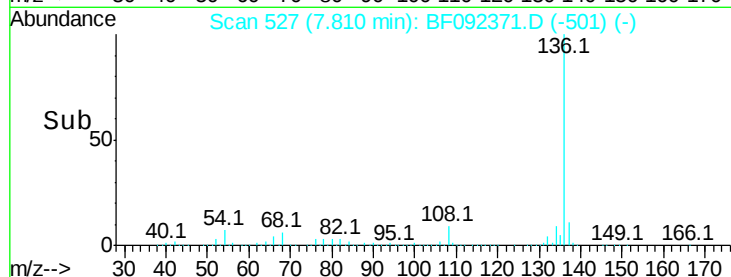


Abundance Ion 136.00 (135.70 to 136.70): E

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: 56.44 ng

RT: 7.10 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF092371.D

Acq: 20 Jan 2017 14:24

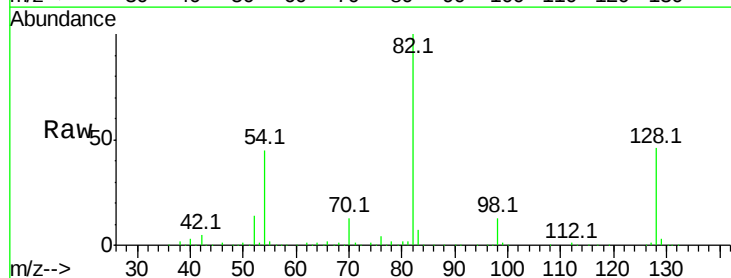
Tgt Ion: 82 Resp: 1024406

Ion Ratio Lower Upper

82 100

128 46.3 34.6 52.0

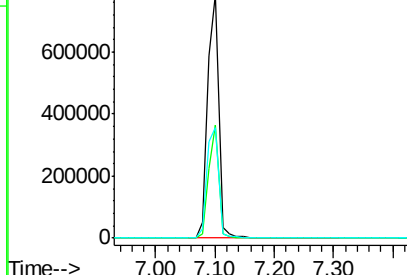
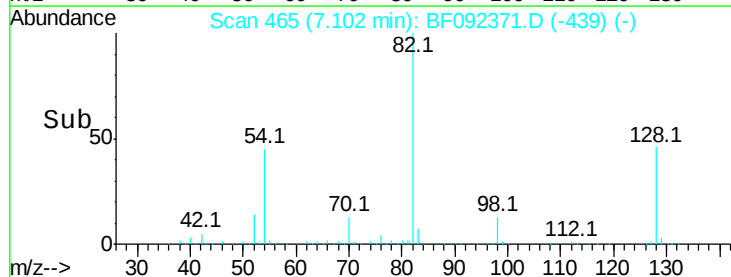
54 45.4 39.5 59.3

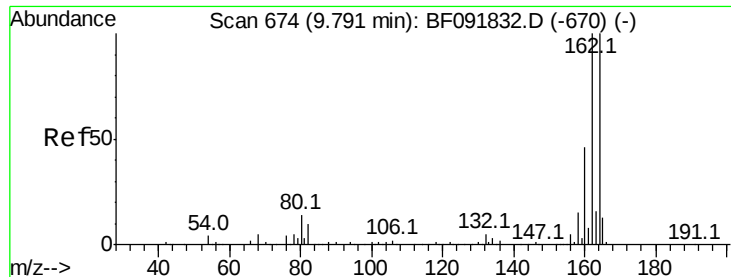


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.56 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF092371.D

Acq: 20 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

SS-02

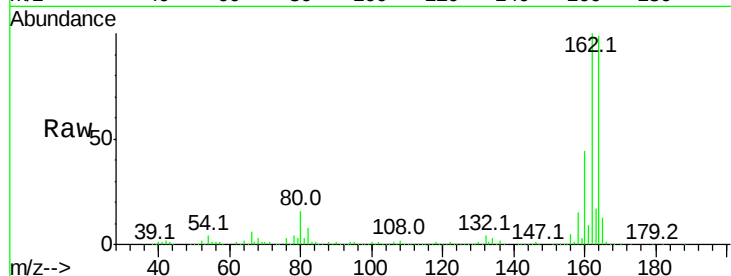
Tot Ion:164 Resp: 514165

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.2

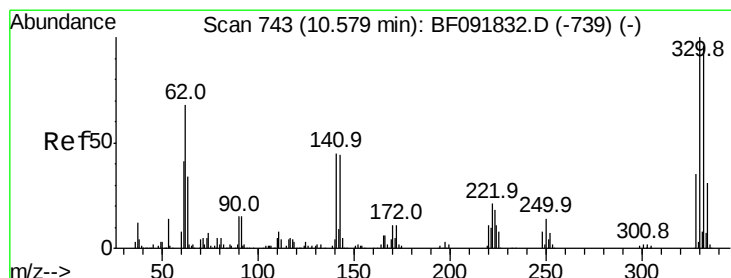
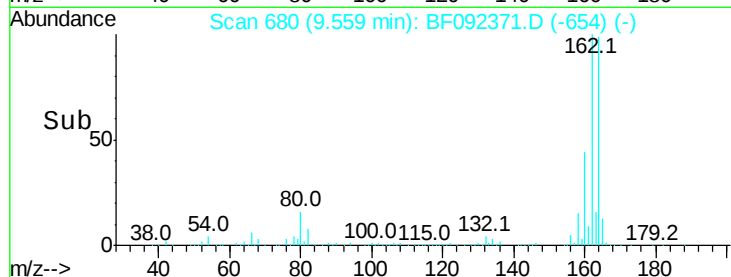
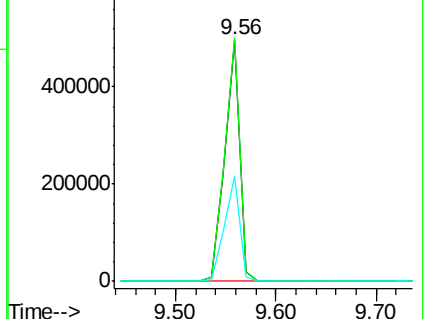
160 43.9 36.9 55.3



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: 99.37 ng

RT: 10.35 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF092371.D

Acq: 20 Jan 2017 14:24

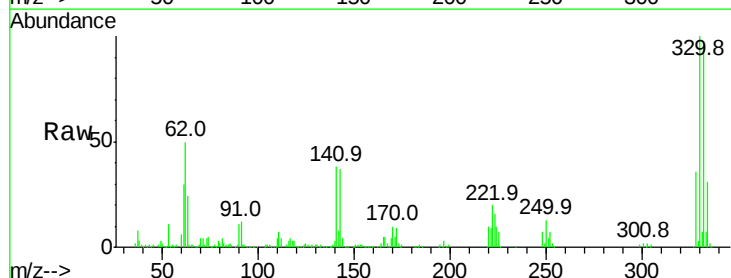
Tgt Ion:330 Resp: 422815

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

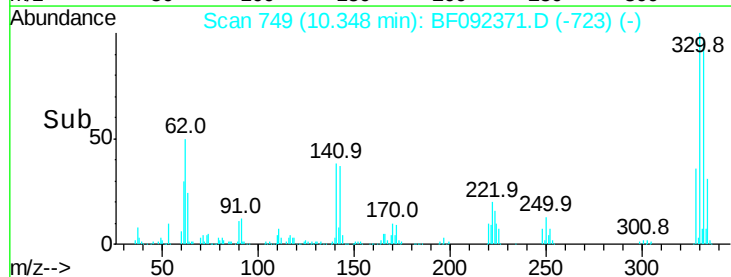
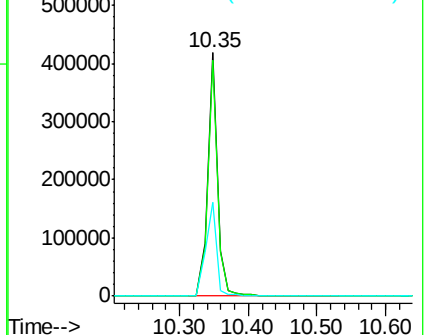
141 41.1 34.1 51.1

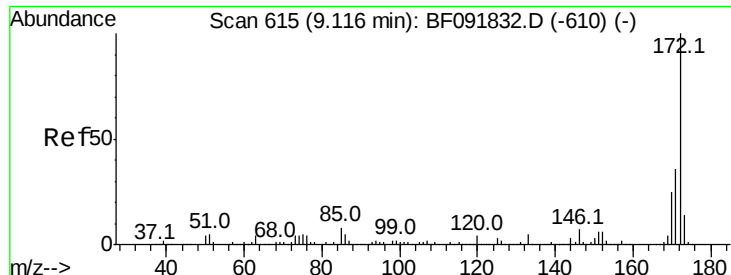


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

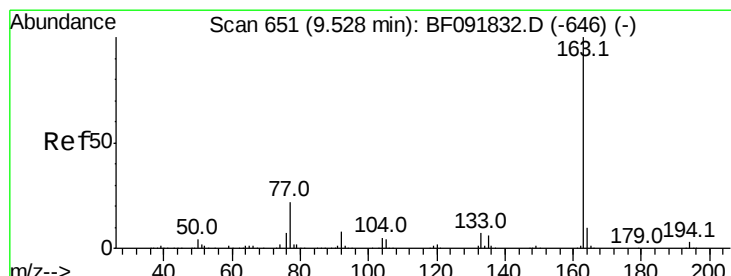
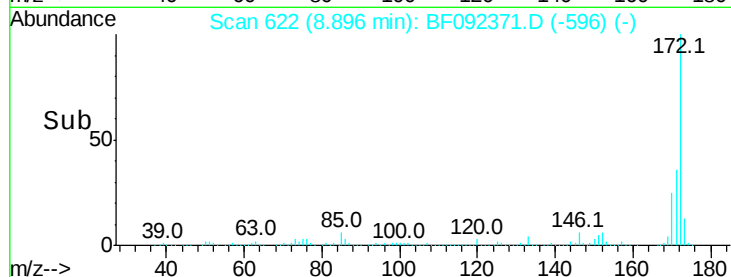
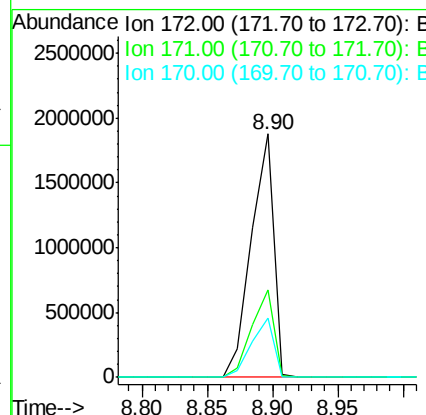
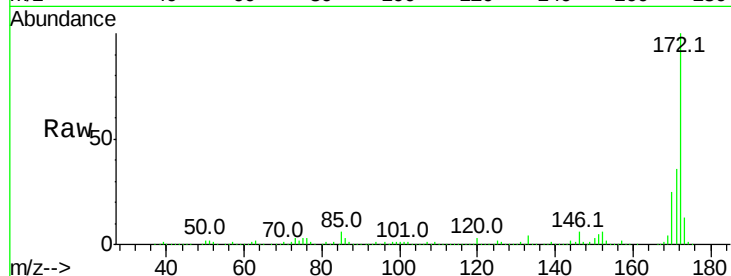




#44
2-Fluorobiphenyl
Concen: 91.07 ng
RT: 8.90 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF092371.D
Acq: 20 Jan 2017 14:24

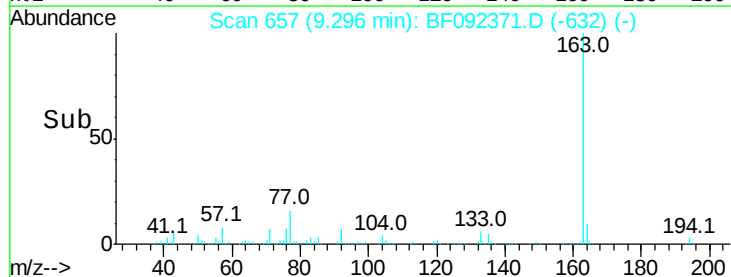
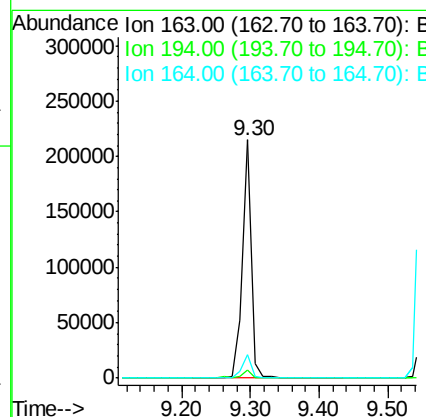
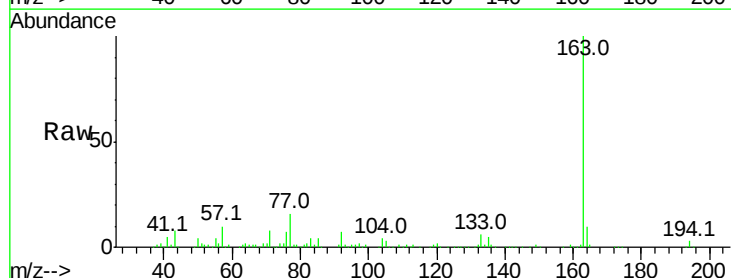
Instrument :
BNA_F
ClientSampleId :
SS-02

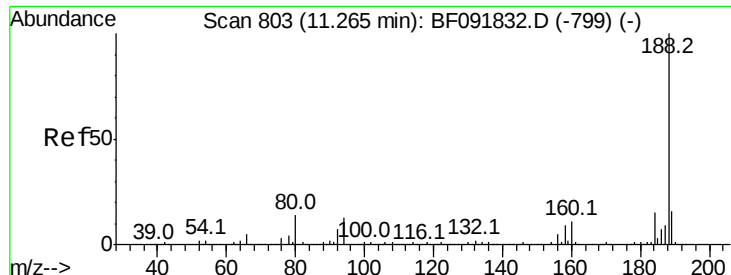
Tot Ion:172 Resp: 2262248
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.6 20.2 30.4



#49
Dimethylphthalate
Concen: 6.05 ng
RT: 9.30 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF092371.D
Acq: 20 Jan 2017 14:24

Tgt Ion:163 Resp: 198871
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 9.8 8.0 12.0

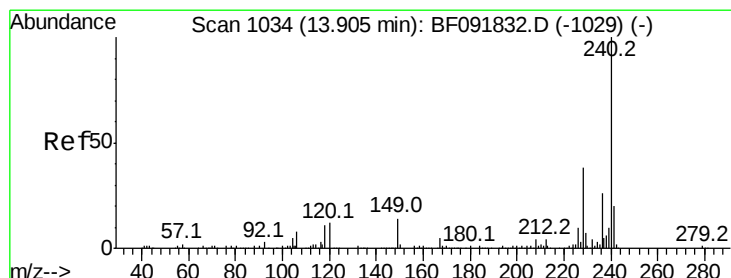
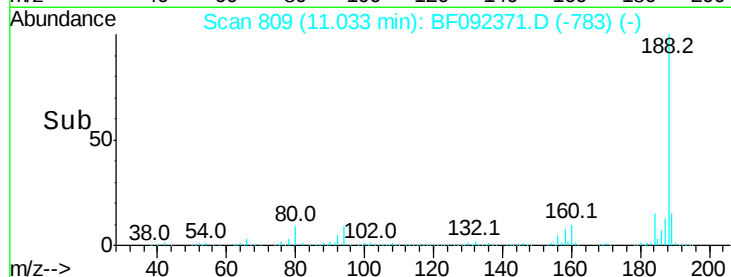
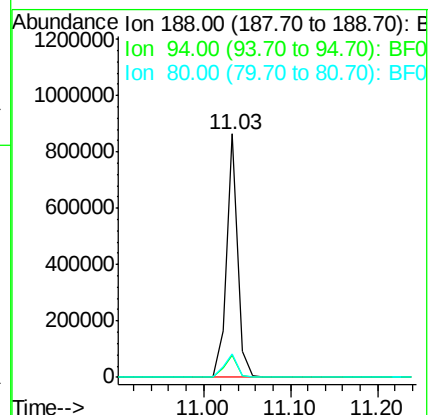
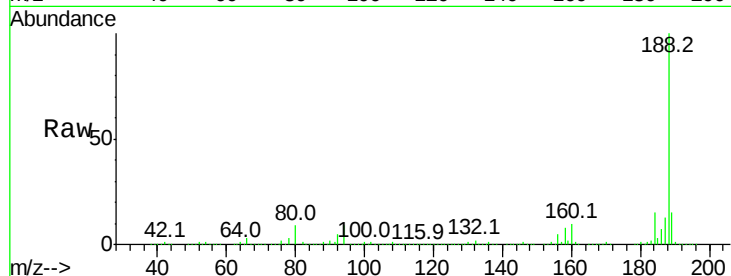




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF092371.D
Acq: 20 Jan 2017 14:24

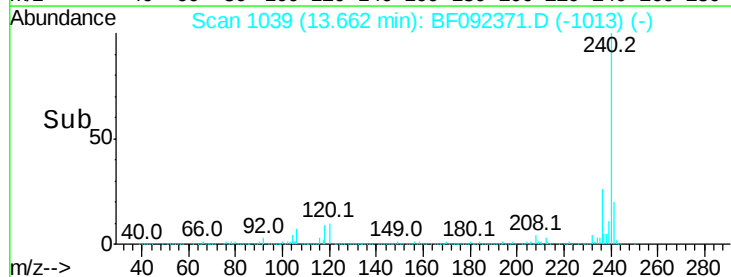
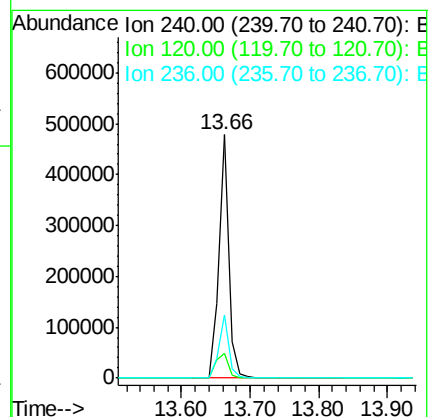
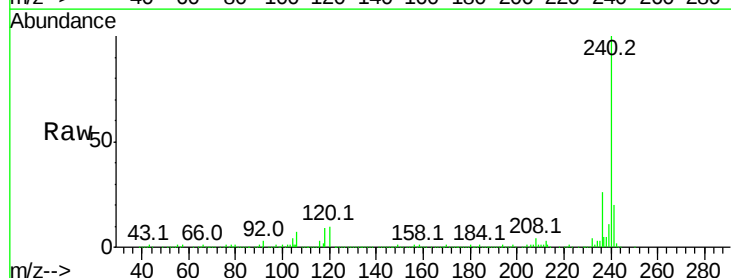
Instrument :
BNA_F
ClientSampled :
SS-02

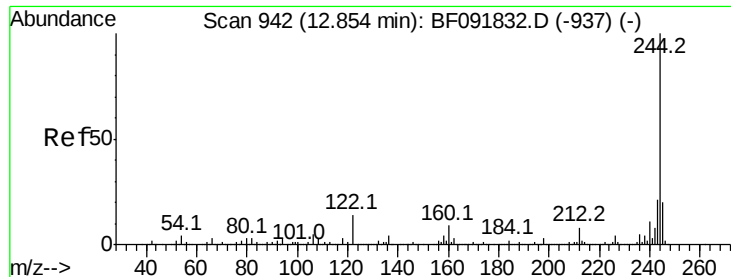
Tot Ion:188 Resp: 778276
Ion Ratio Lower Upper
188 100
94 9.2 10.0 15.0#
80 9.4 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.66 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF092371.D
Acq: 20 Jan 2017 14:24

Tgt Ion:240 Resp: 490864
Ion Ratio Lower Upper
240 100
120 10.3 12.9 19.3#
236 25.7 20.9 31.3





#78

Terphenyl-d14

Concen: 82.85 ng

RT: 12.62 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF092371.D

Acq: 20 Jan 2017 14:24

Instrument :

BNA_F

ClientSampleId :

SS-02

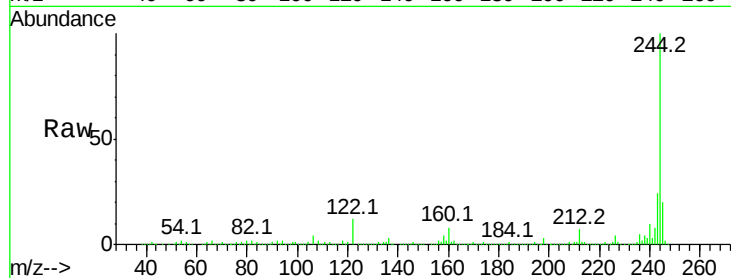
Tot Ion:244 Resp: 1676856

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

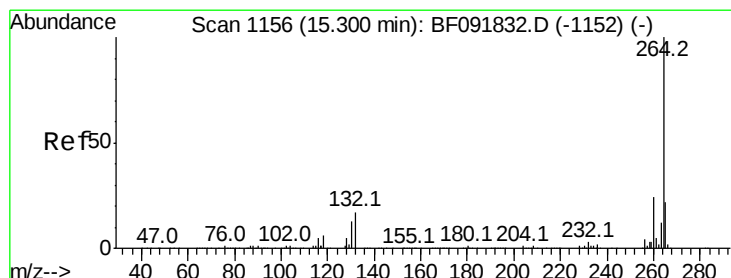
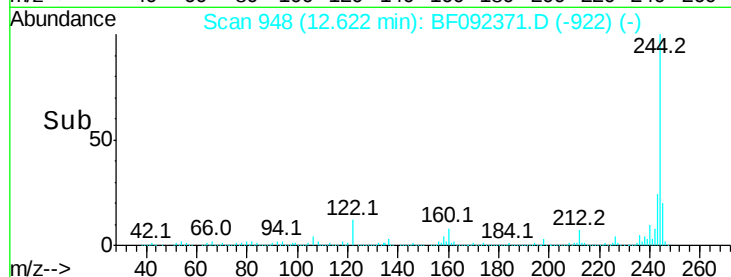
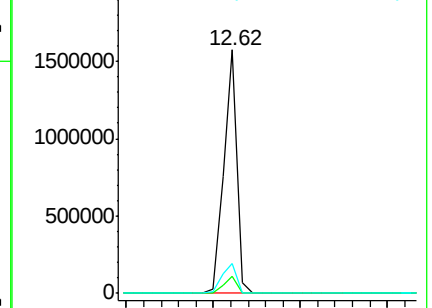
122 12.1 11.4 17.2



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: 15.01 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF092371.D

Acq: 20 Jan 2017 14:24

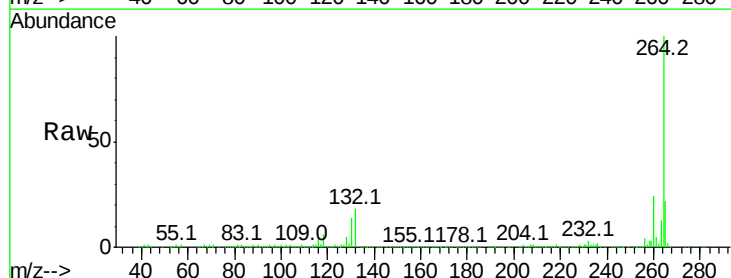
Tgt Ion:264 Resp: 412445

Ion Ratio Lower Upper

264 100

260 23.8 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

