

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
 Data File : BF092381.D
 Acq On : 20 Jan 2017 19:13
 Operator : UM/SJ
 Sample : I1271-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-01

Quant Time: Jan 20 23:36:01 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

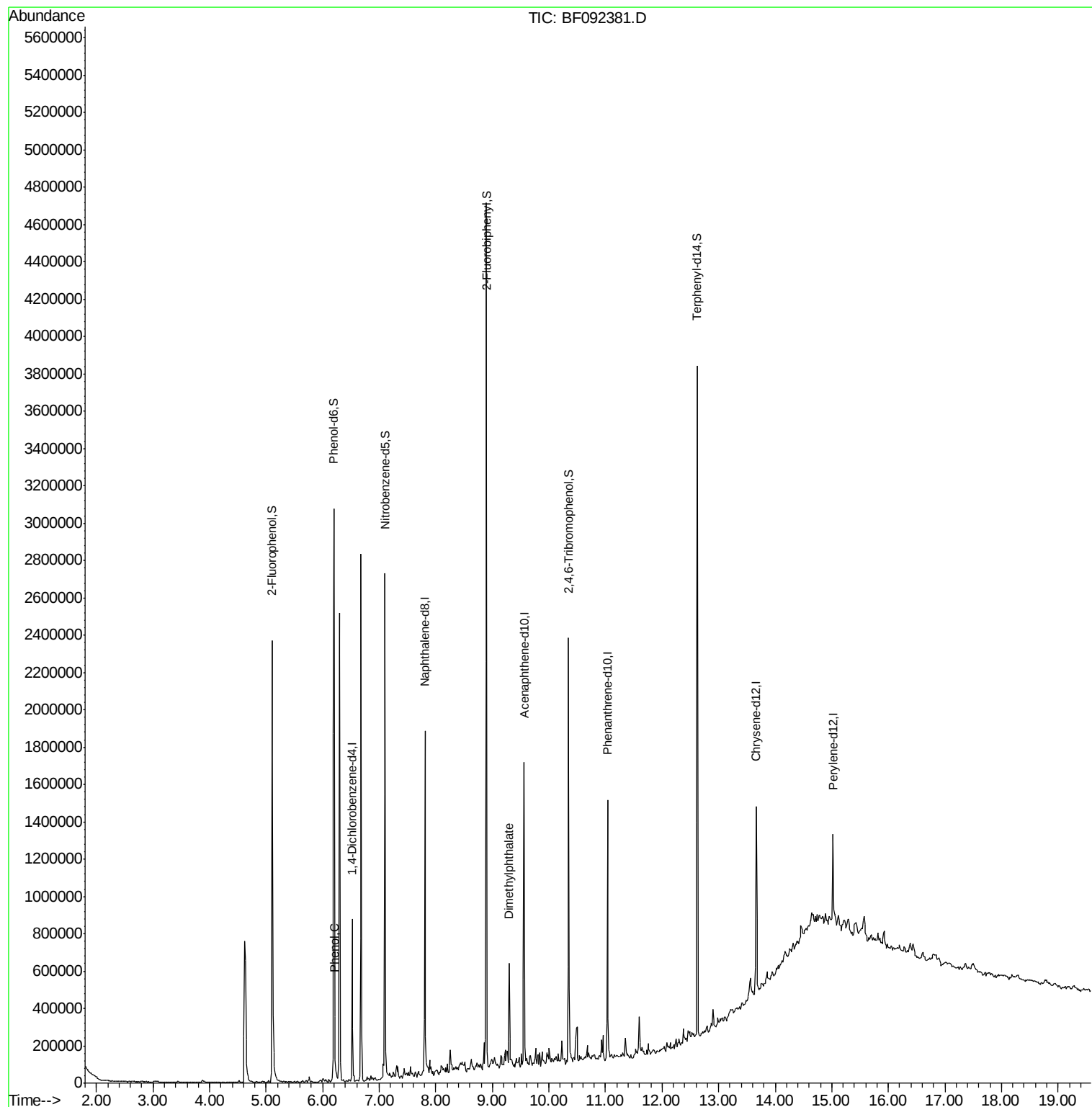
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	133824	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	785683	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	359530	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	505213	20.00	ng	0.00
75) Chrysene-d12	13.66	240	386171	20.00	ng	0.00
86) Perylene-d12	15.02	264	267526	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	963534	120.22	ng	0.01
7) Phenol-d6	6.20	99	1295776	132.42	ng	0.01
23) Nitrobenzene-d5	7.10	82	1112877	78.76	ng	0.00
41) 2,4,6-Tribromophenol	10.35	330	268069	90.10	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	1652911	95.84	ng	0.00
78) Terphenyl-d14	12.62	244	1160951	72.91	ng	0.00
Target Compounds						
10) Phenol	6.21	94	43430	3.89	ng	79
49) Dimethylphthalate	9.30	163	209483	9.11	ng	99

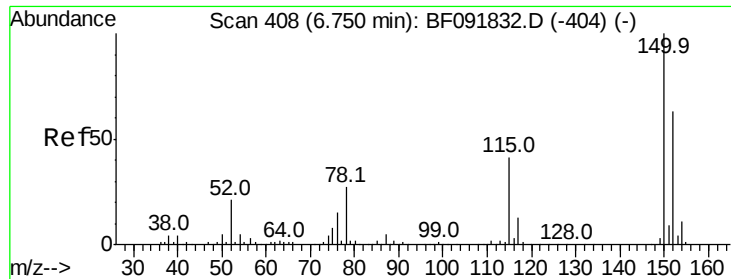
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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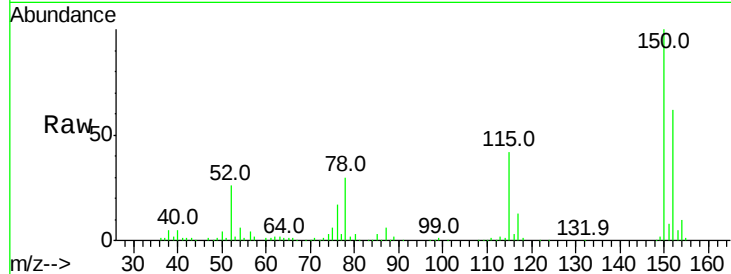


#1

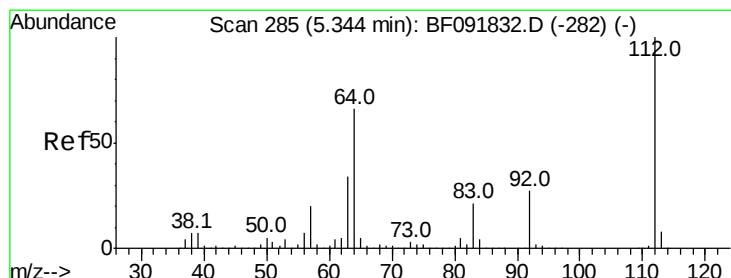
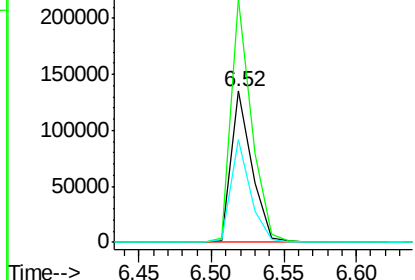
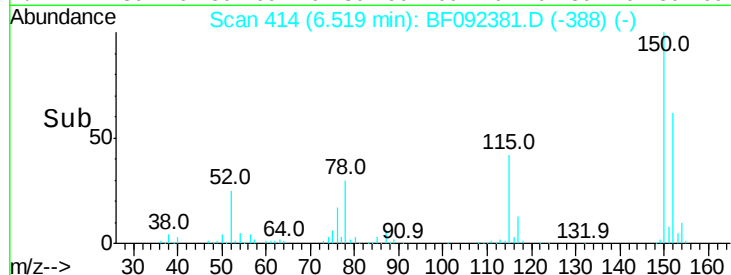
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF092381.D
Acq: 20 Jan 2017 19:13

Instrument :
BNA_F
ClientSampleId :
SS-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.9	187.3
115	68.2	46.0	69.0



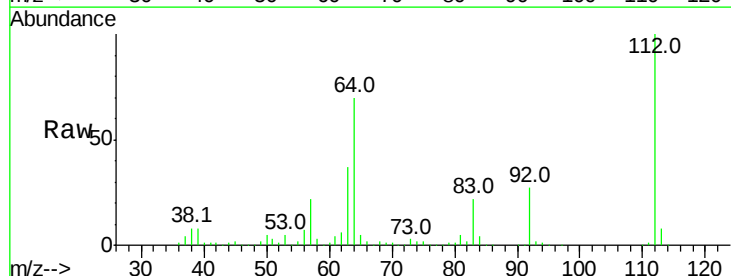
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



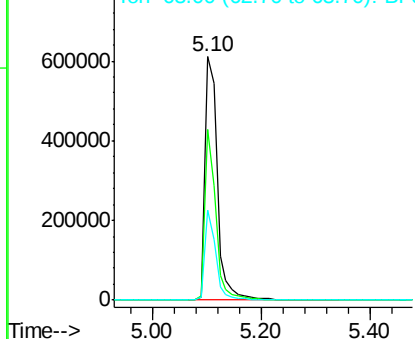
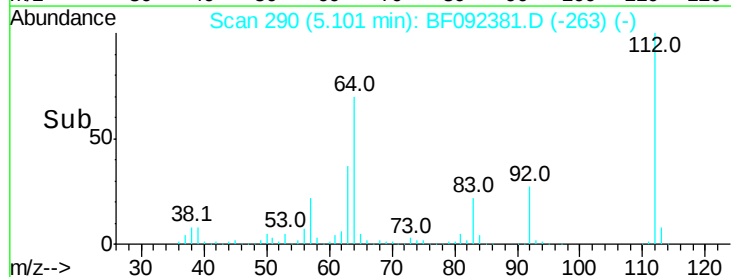
#5

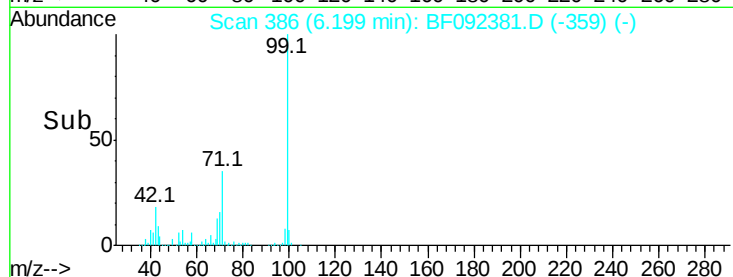
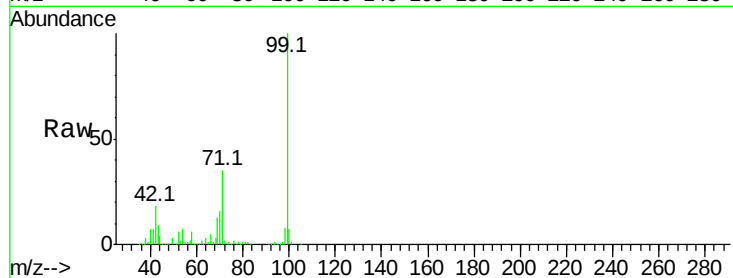
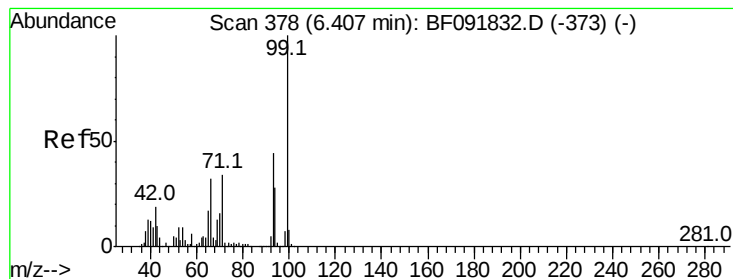
2-Fluorophenol
Concen: 120.22 ng
RT: 5.10 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF092381.D
Acq: 20 Jan 2017 19:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	46.1	69.1#
63	37.1	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: 132.42 ng

RT: 6.20 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF092381.D

Acq: 20 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

SS-01

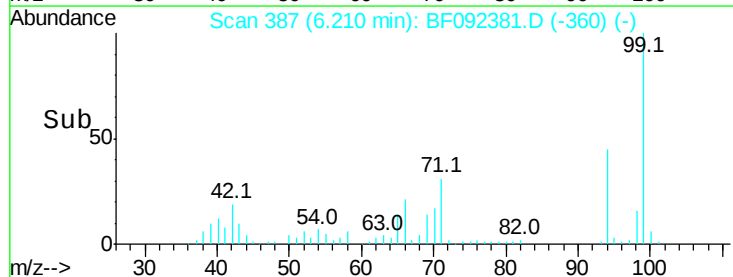
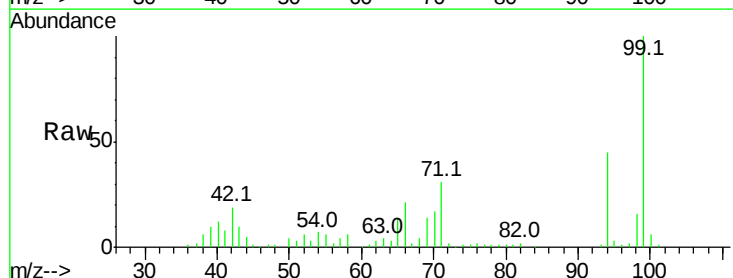
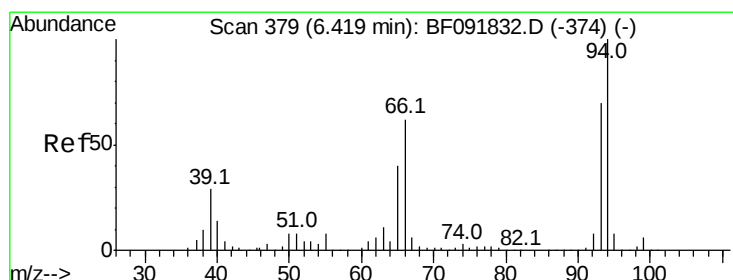
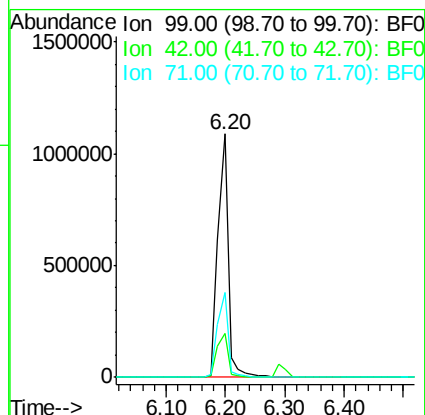
Tot Ion: 99 Resp: 1295776

Ion Ratio Lower Upper

99 100

42 17.9 15.6 23.4

71 34.7 27.5 41.3



#10

Phenol

Concen: 3.89 ng

RT: 6.21 min Scan# 387

Delta R.T. 0.01 min

Lab File: BF092381.D

Acq: 20 Jan 2017 19:13

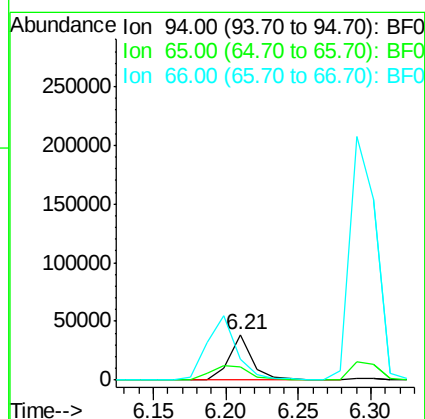
Tgt Ion: 94 Resp: 43430

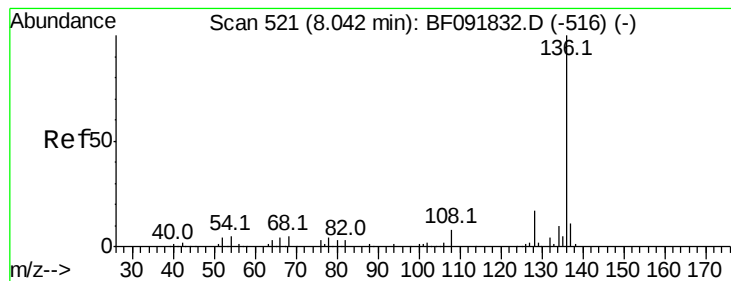
Ion Ratio Lower Upper

94 100

65 30.0 21.4 61.4

66 45.6 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: BF092381.D

Acq: 20 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

SS-01

Tot Ion:136 Resp: 785683

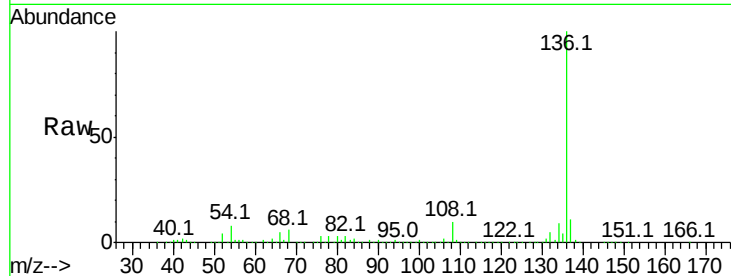
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 7.6 4.5 6.7#

68 6.2 3.6 5.4#

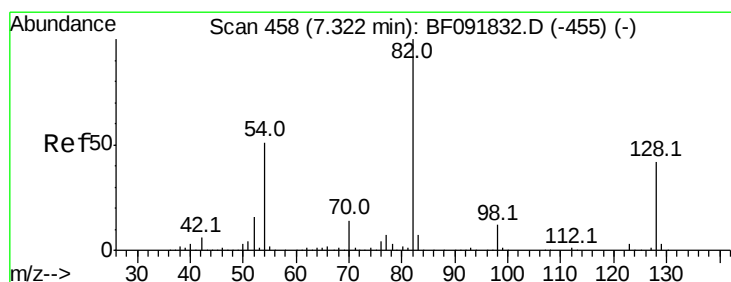
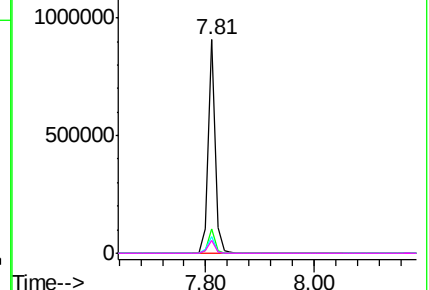
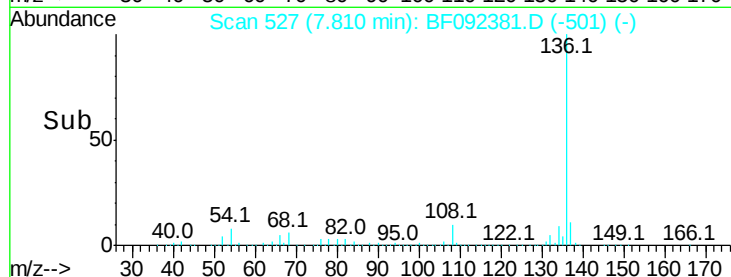


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.76 ng

RT: 7.10 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF092381.D

Acq: 20 Jan 2017 19:13

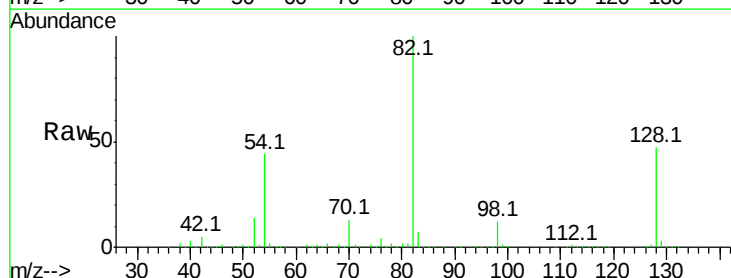
Tgt Ion: 82 Resp: 1112877

Ion Ratio Lower Upper

82 100

128 47.4 34.6 52.0

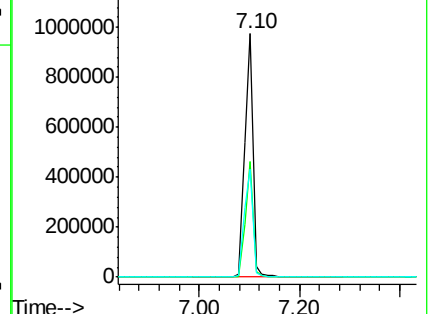
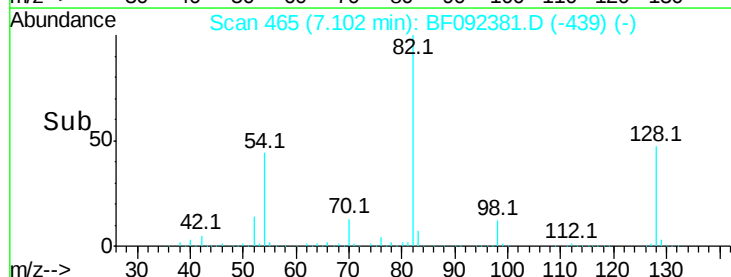
54 44.4 39.5 59.3

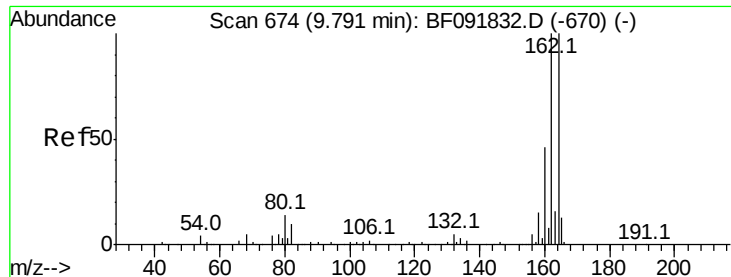


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

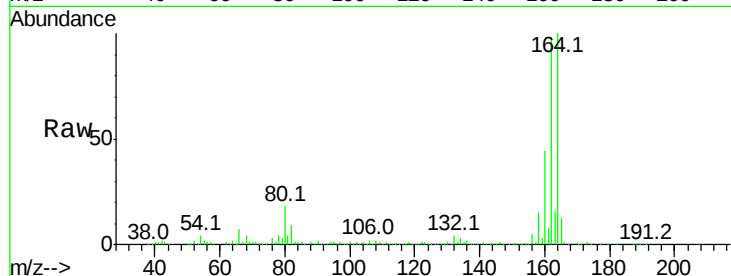




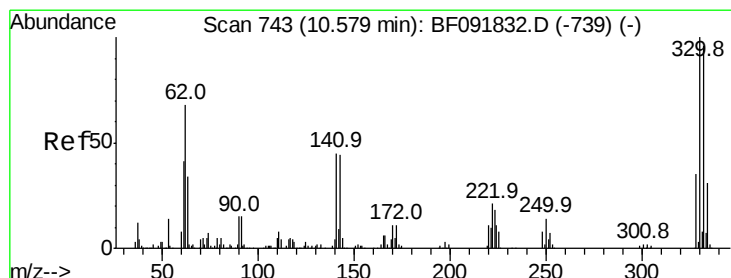
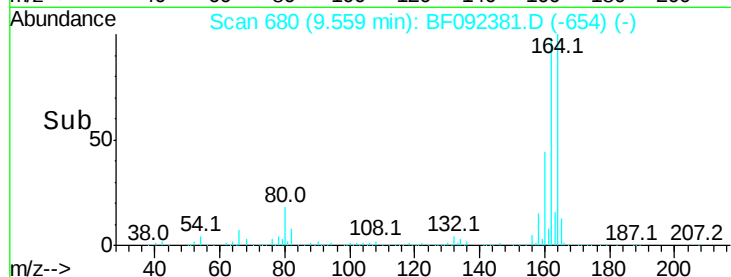
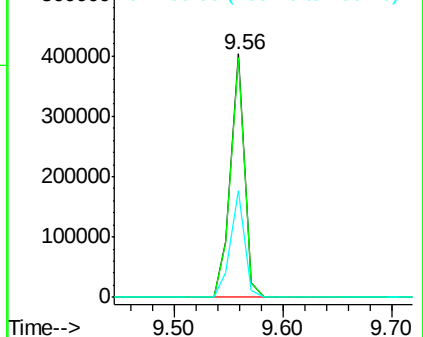
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF092381.D
Acq: 20 Jan 2017 19:13

Instrument :
BNA_F
ClientSampleId :
SS-01

Tot Ion:164 Resp: 359530
Ion Ratio Lower Upper
164 100
162 98.3 80.2 120.2
160 44.0 36.9 55.3

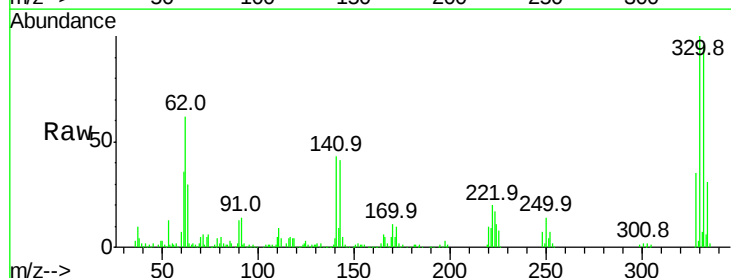


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

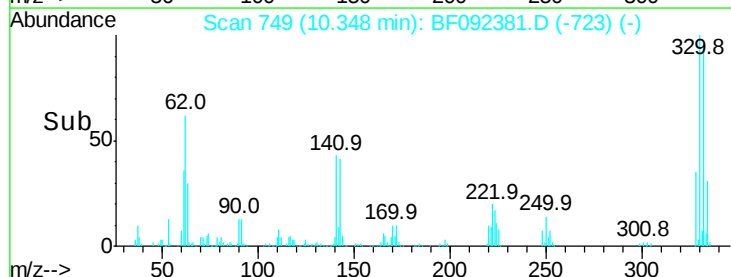
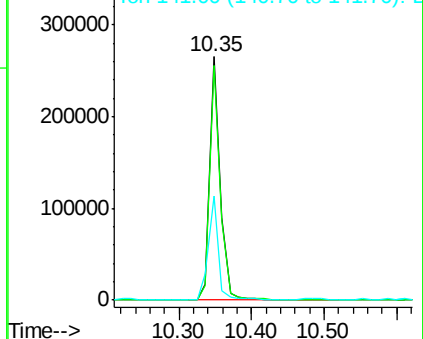


#41
2,4,6-Tribromophenol
Concen: 90.10 ng
RT: 10.35 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF092381.D
Acq: 20 Jan 2017 19:13

Tgt Ion:330 Resp: 268069
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.2
141 39.9 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

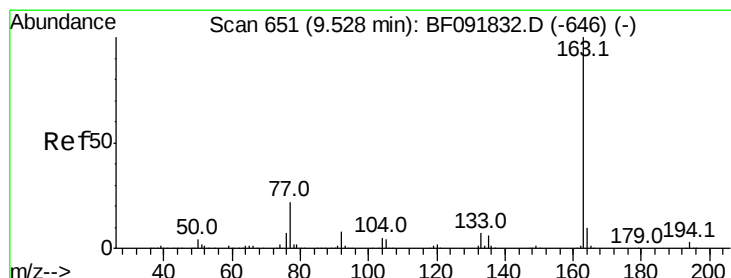
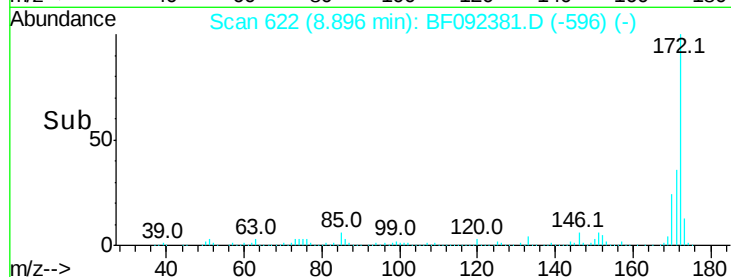
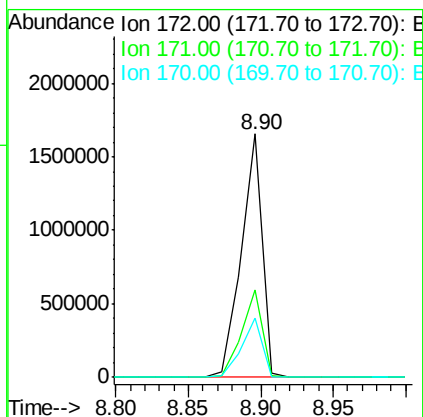
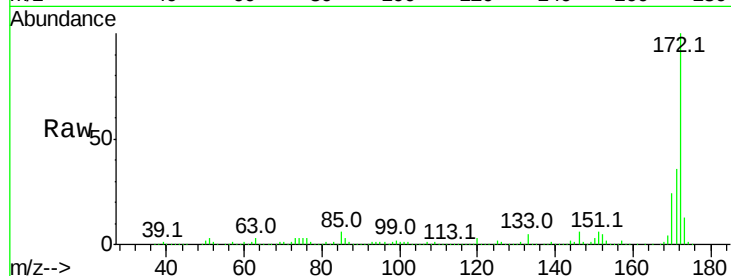




#44
2-Fluorobiphenyl
Concen: 95.84 ng
RT: 8.90 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF092381.D
Acq: 20 Jan 2017 19:13

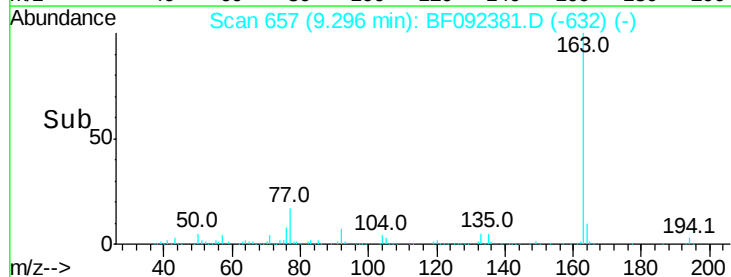
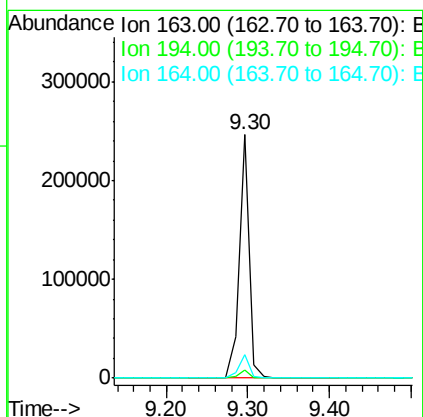
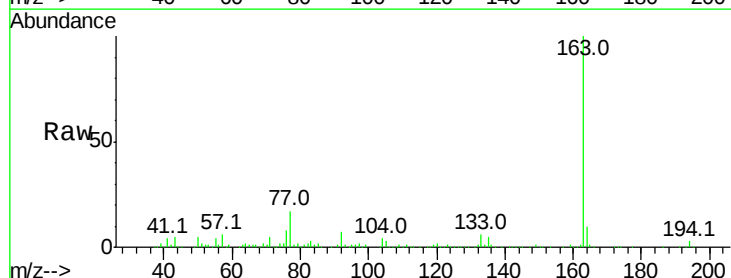
Instrument :
BNA_F
ClientSampleId :
SS-01

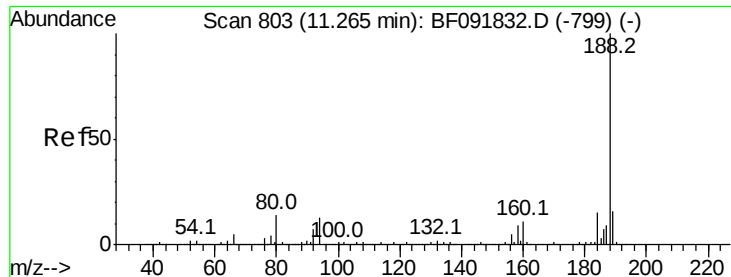
Tot Ion:172 Resp: 1652911
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 24.4 20.2 30.4



#49
Dimethylphthalate
Concen: 9.11 ng
RT: 9.30 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF092381.D
Acq: 20 Jan 2017 19:13

Tgt Ion:163 Resp: 209483
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 9.9 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: BF092381.D

Acq: 20 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

SS-01

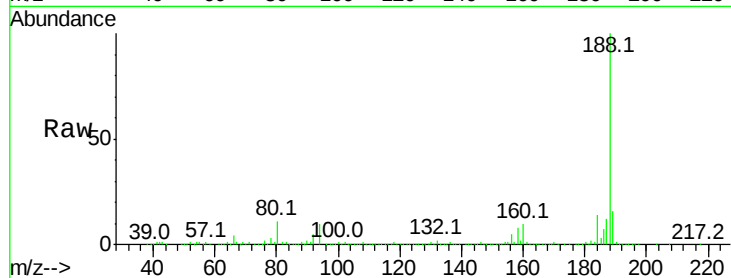
Tot Ion:188 Resp: 505213

Ion Ratio Lower Upper

188 100

94 10.1 10.0 15.0

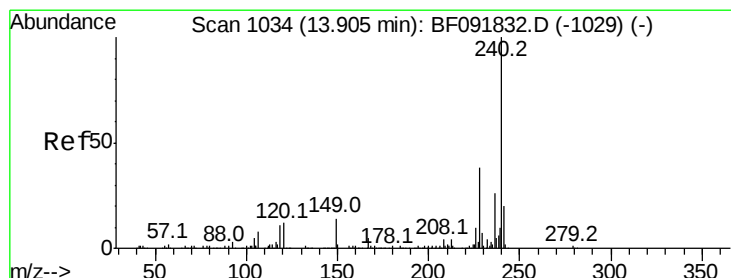
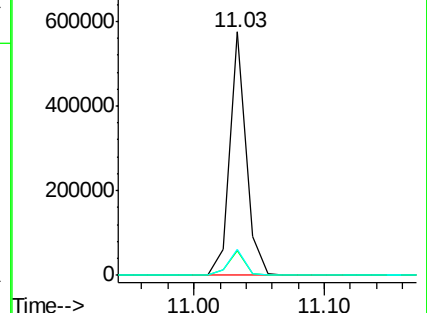
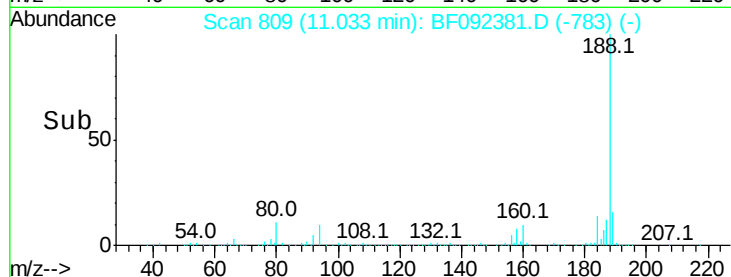
80 10.9 11.2 16.8#



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: 13.66 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF092381.D

Acq: 20 Jan 2017 19:13

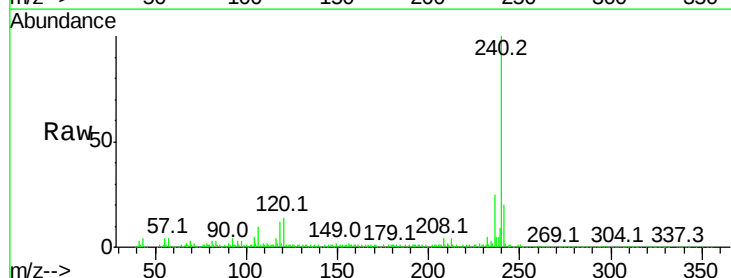
Tgt Ion:240 Resp: 386171

Ion Ratio Lower Upper

240 100

120 13.9 12.9 19.3

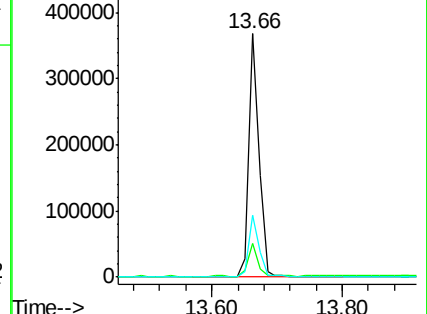
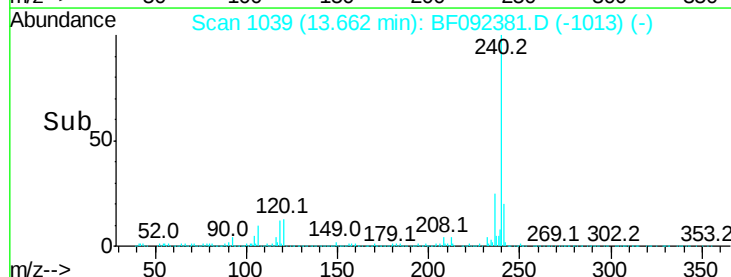
236 25.4 20.9 31.3

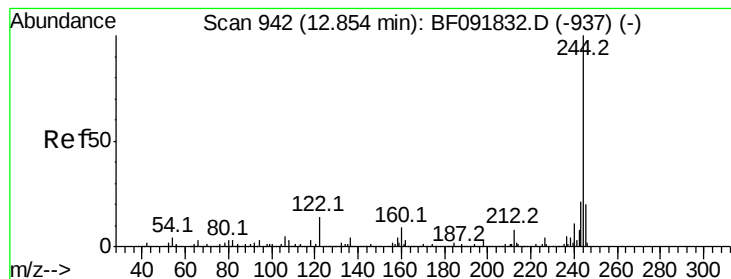


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.91 ng

RT: 12.62 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF092381.D

Acq: 20 Jan 2017 19:13

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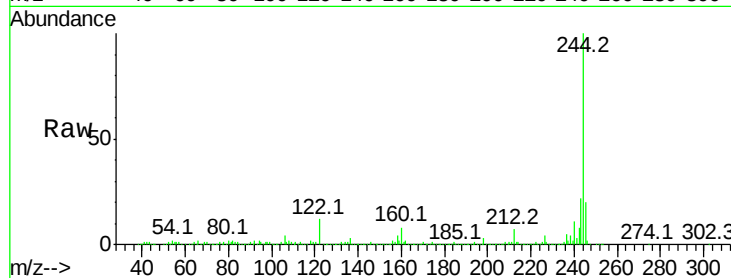
Tot Ion:244 Resp: 1160951

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

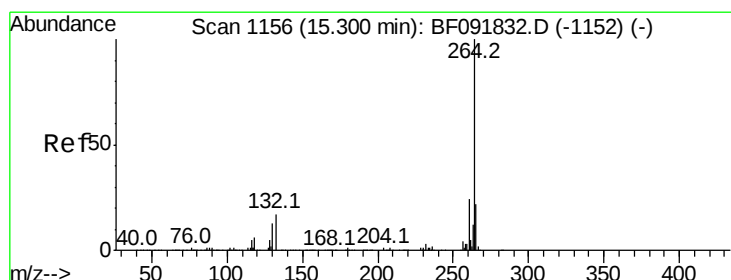
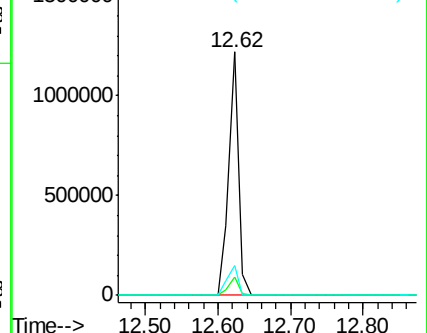
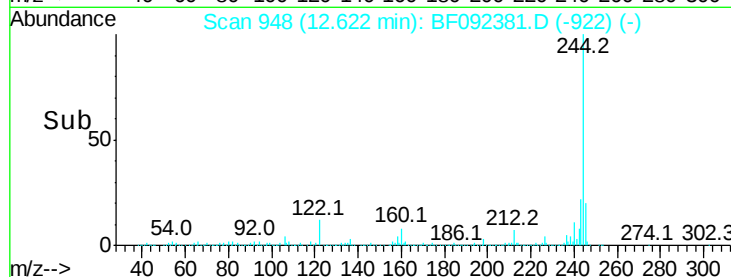
122 12.3 11.4 17.2



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: 15.02 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF092381.D

Acq: 20 Jan 2017 19:13

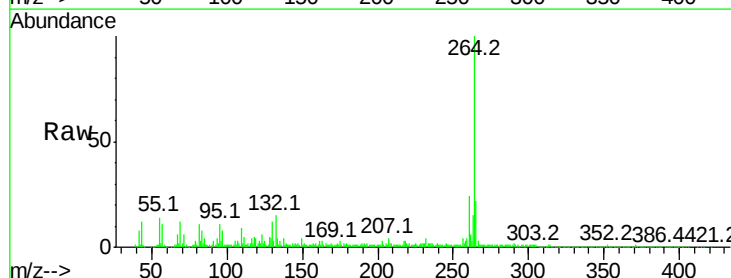
Tgt Ion:264 Resp: 267526

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.9 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

