

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
 Data File : BF082681.D
 Acq On : 4 Nov 2015 3:40
 Operator : UM/IZ
 Sample : G4235-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151026MGP207BRV40

Quant Time: Nov 04 06:45:47 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

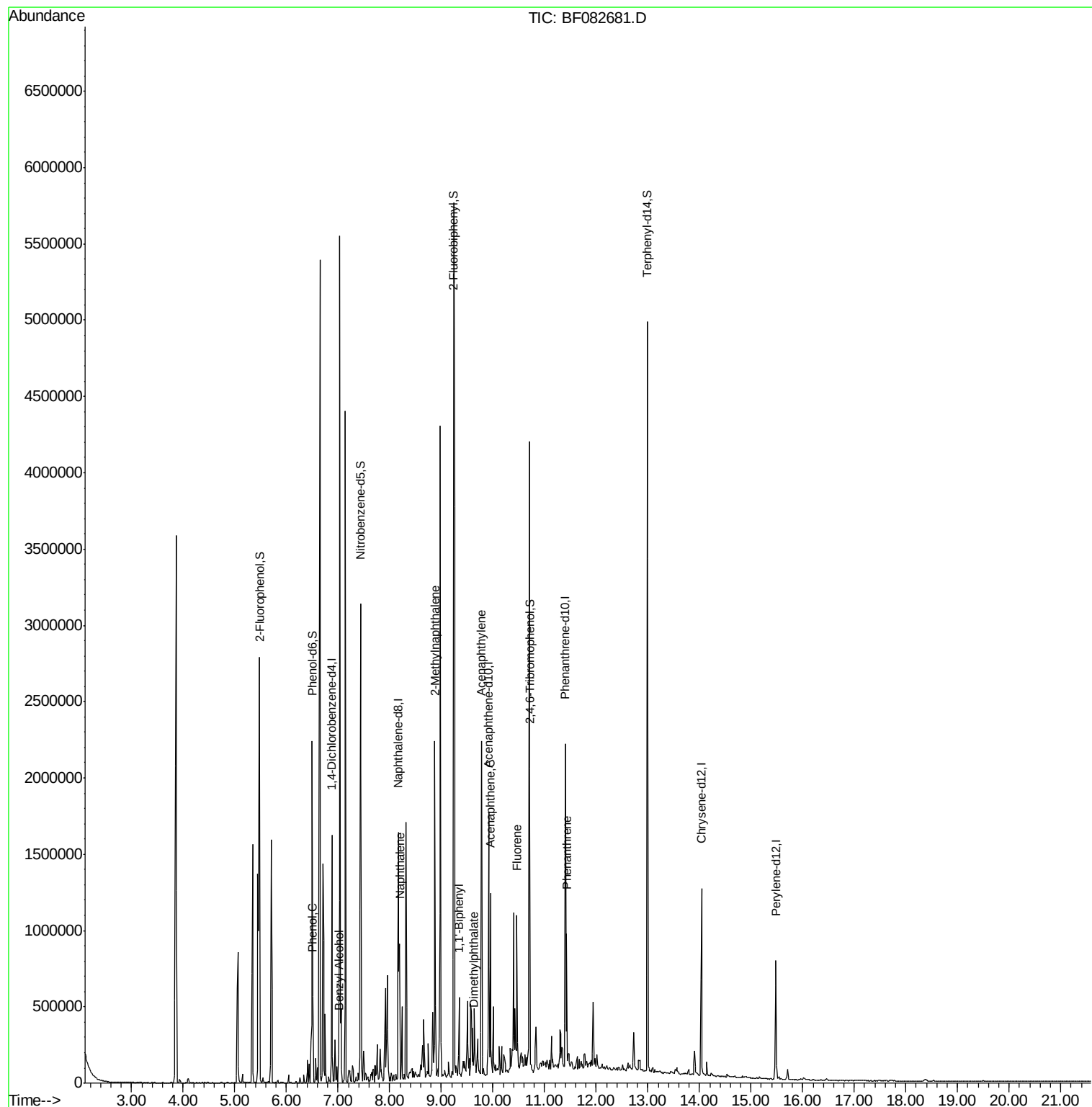
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	202562	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	747223	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	357182	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	699376	20.00	ng	-0.01
75) Chrysene-d12	14.04	240	490386	20.00	ng	-0.01
86) Perylene-d12	15.48	264	423945	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	867797	64.52	ng	0.01
7) Phenol-d6	6.50	99	650872	36.43	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1437471	78.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	589243	150.74	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	2328641	92.56	ng	-0.01
78) Terphenyl-d14	12.99	244	2019465	90.12	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.51	94	62678	3.10	ng	99
15) Benzyl Alcohol	7.01	79	34402m	2.06	ng	
31) Naphthalene	8.19	128	501430	12.40	ng	97
37) 2-Methylnaphthalene	8.88	142	518728	19.80	ng	98
45) 1,1'-Biphenyl	9.34	154	153092	5.07	ng	95
48) Acenaphthylene	9.78	152	740847	19.66	ng	99
49) Dimethylphthalate	9.63	163	58950	2.02	ng	99
51) Acenaphthene	9.95	154	222209	9.29	ng	97
57) Fluorene	10.46	166	282376	10.78	ng	100
70) Phenanthrene	11.42	178	294582	7.47	ng	95

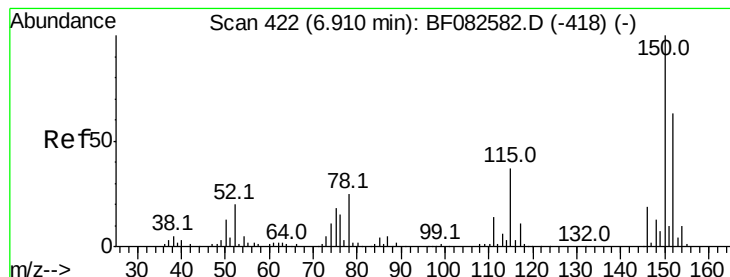
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 04 06:45:47 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF082681.D

Acq: 4 Nov 2015 3:40

Instrument :

BNA_F

ClientSampleId :

20151026MGP207BRV40

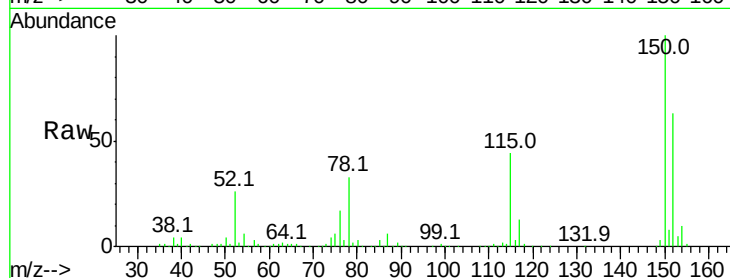
Tot Ion:152 Resp: 202562

Ion Ratio Lower Upper

152 100

150 158.3 127.0 190.4

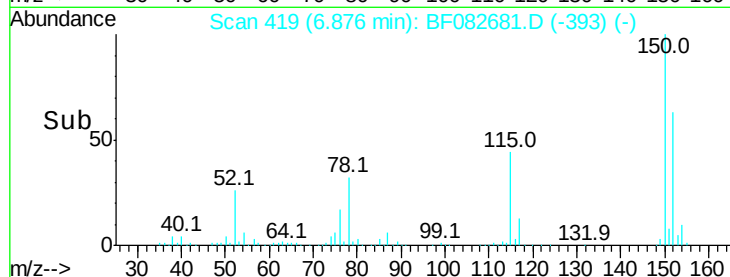
115 69.8 47.0 70.6



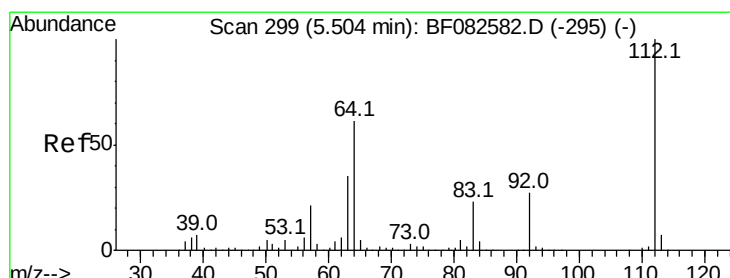
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 64.52 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082681.D

Acq: 4 Nov 2015 3:40

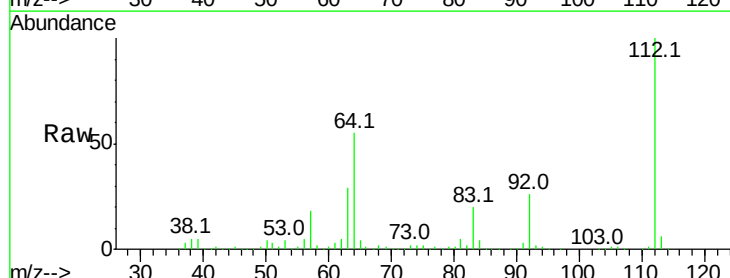
Tgt Ion:112 Resp: 867797

Ion Ratio Lower Upper

112 100

64 55.0 48.9 73.3

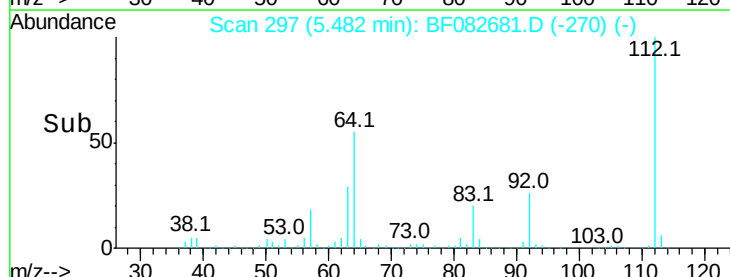
63 29.1 28.1 42.1



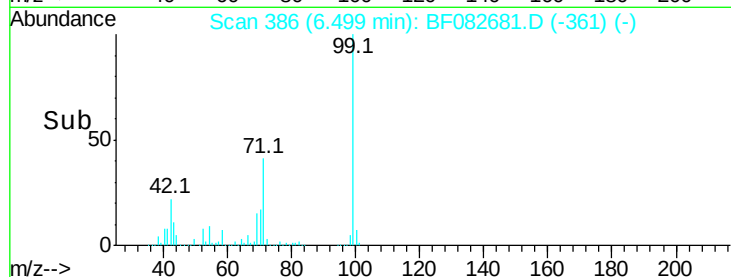
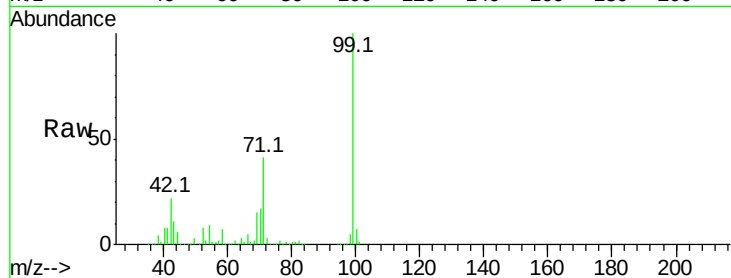
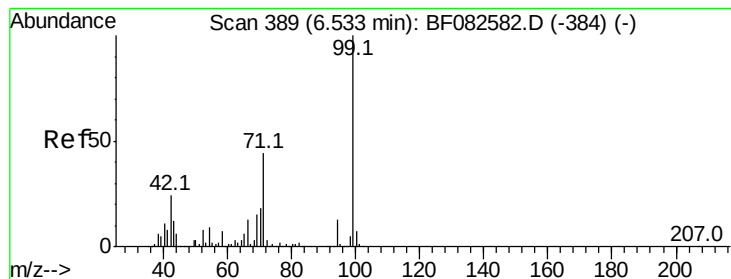
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 36.43 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082681.D

Acq: 4 Nov 2015 3:40

Instrument :

BNA_F

ClientSampleId :

20151026MGP207BRV40

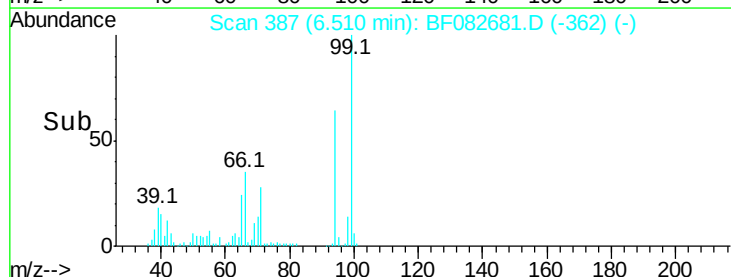
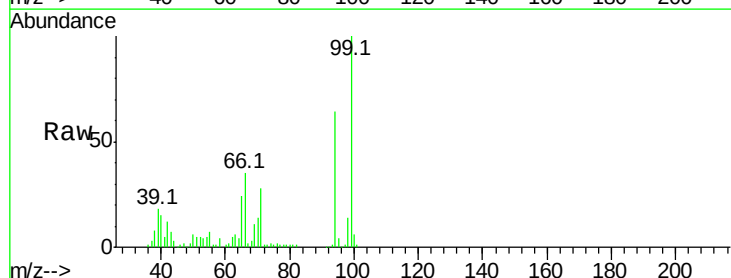
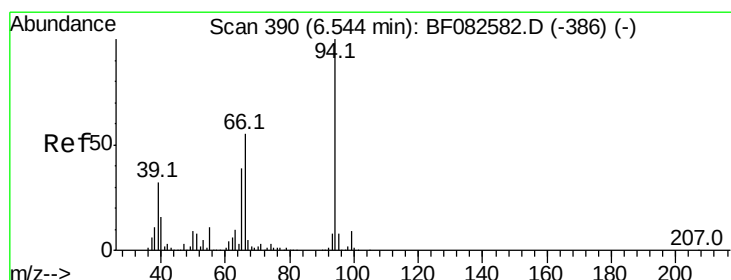
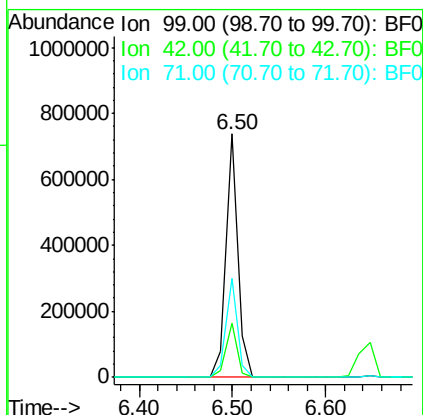
Tot Ion: 99 Resp: 650872

Ion Ratio Lower Upper

99 100

42 22.4 19.2 28.8

71 40.9 35.0 52.4



#10

Phenol

Concen: 3.10 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF082681.D

Acq: 4 Nov 2015 3:40

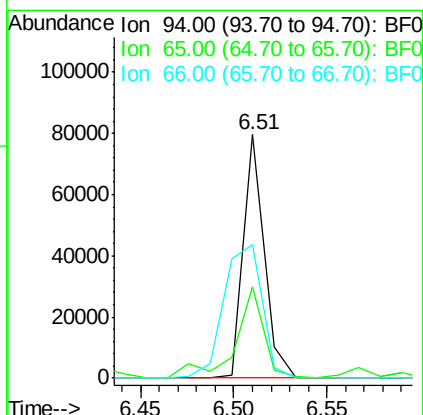
Tgt Ion: 94 Resp: 62678

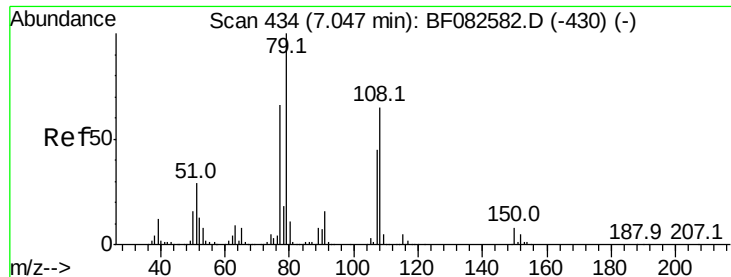
Ion Ratio Lower Upper

94 100

65 37.2 18.9 58.9

66 54.7 34.9 74.9





#15

Benzyl Alcohol

Concen: 2.06 ng/ml

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF082681.D

Acq: 4 Nov 2015 3:40

Instrument :

BNA_F

ClientSampleId :

20151026MGP207BRV40

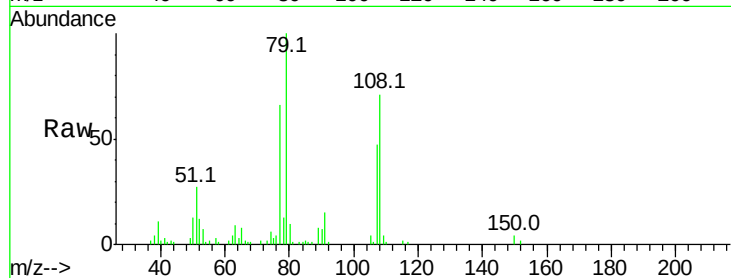
Tot Ion: 79 Resp: 34402

Ion Ratio Lower Upper

79 100

108 70.8 52.2 78.4

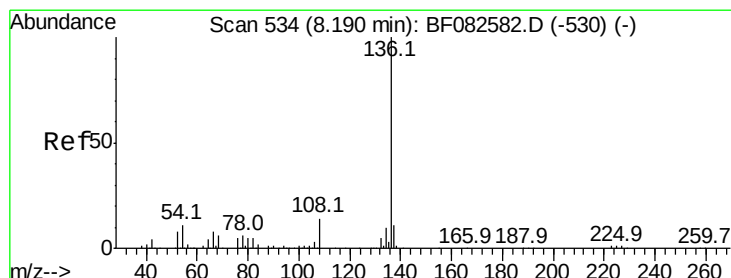
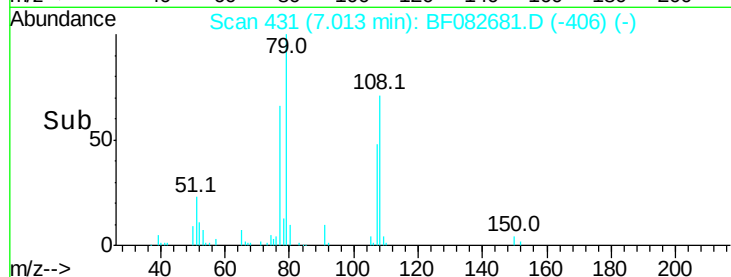
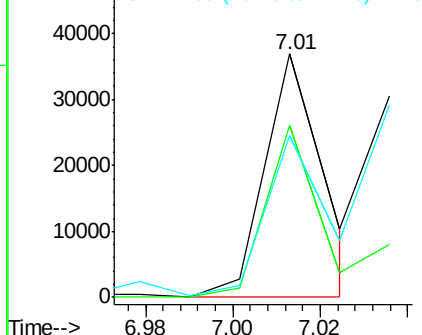
77 66.4 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF082681.D

Acq: 4 Nov 2015 3:40

Tgt Ion: 136 Resp: 747223

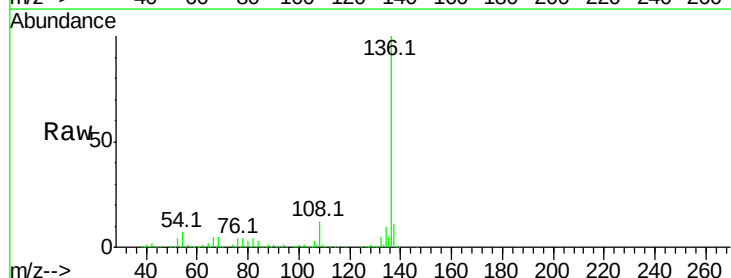
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.0 9.1 13.7#

68 4.5 4.8 7.2#

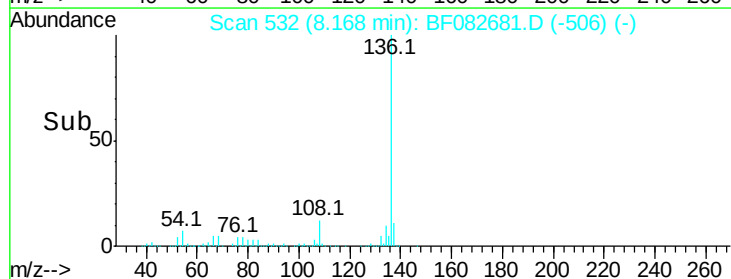
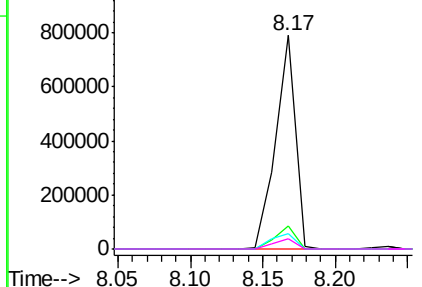


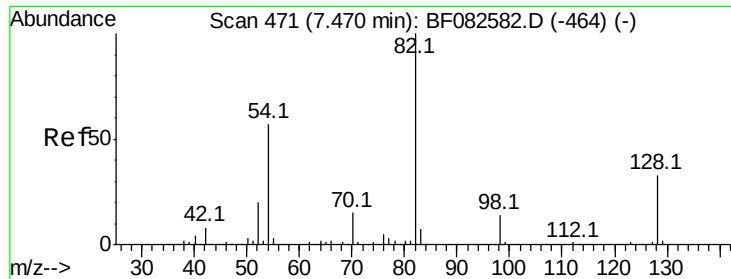
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

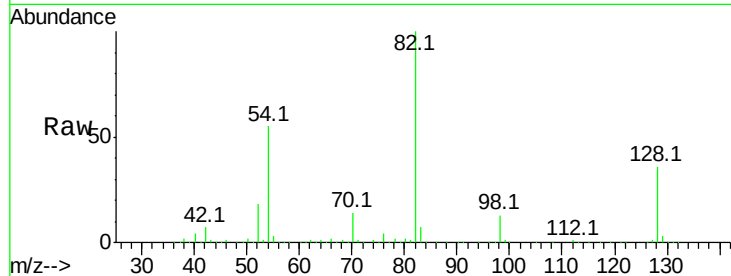




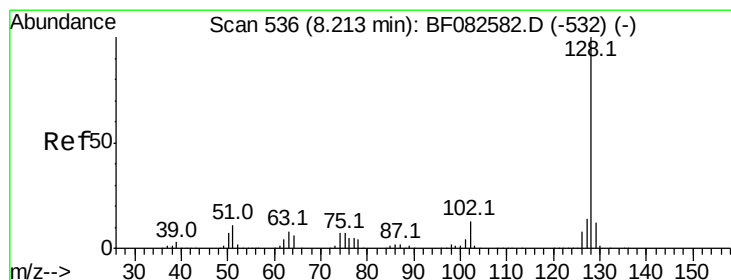
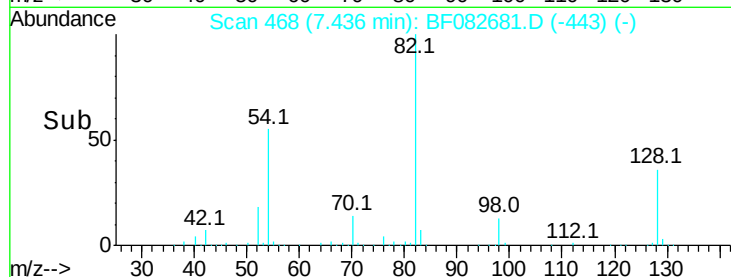
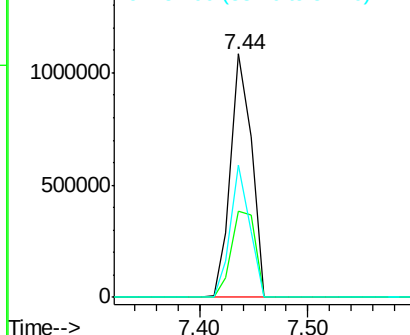
#23
Nitrobenzene-d5
Concen: 78.56 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF082681.D
Acq: 4 Nov 2015 3:40

Instrument :
BNA_F
ClientSampleId :
20151026MGP207BRV40

Tot Ion: 82 Resp: 1437471
Ion Ratio Lower Upper
82 100
128 35.6 26.8 40.2
54 54.5 45.7 68.5

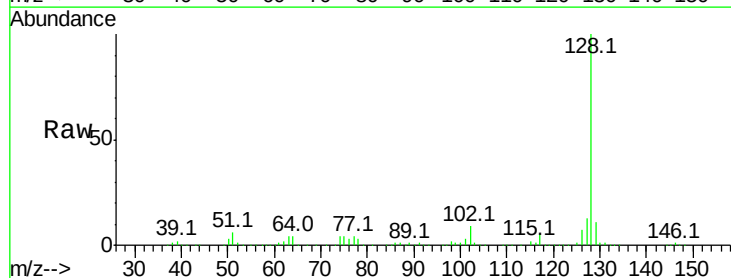


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

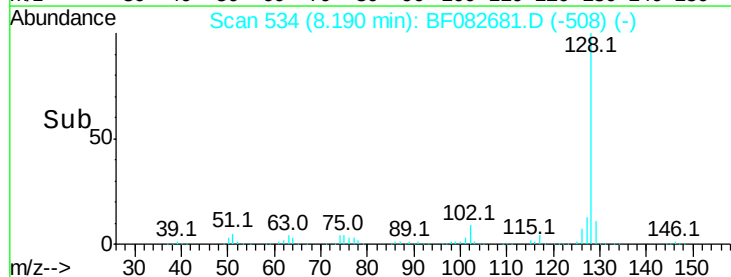
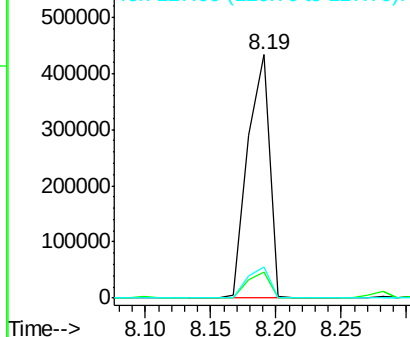


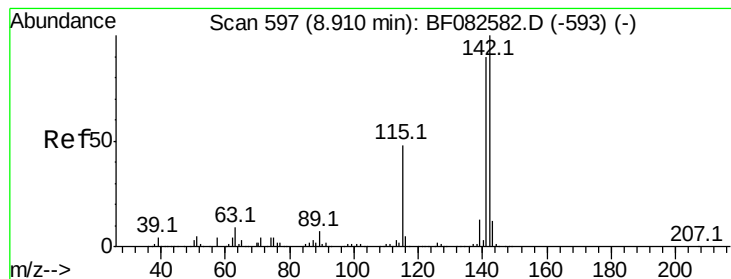
#31
Naphthalene
Concen: 12.40 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF082681.D
Acq: 4 Nov 2015 3:40

Tgt Ion:128 Resp: 501430
Ion Ratio Lower Upper
128 100
129 10.9 9.5 14.3
127 12.9 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 19.80 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF082681.D

Acq: 4 Nov 2015 3:40

Instrument :

BNA_F

ClientSampleId :

20151026MGP207BRV40

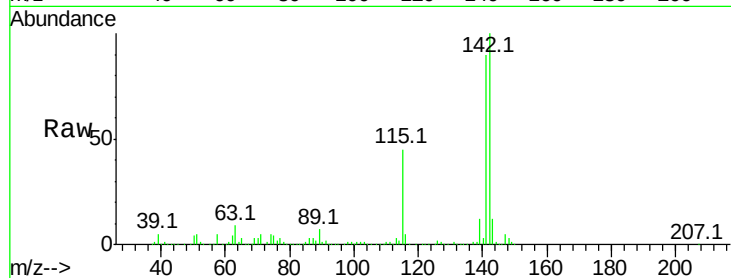
Tot Ion:142 Resp: 518728

Ion Ratio Lower Upper

142 100

141 89.8 72.3 108.5

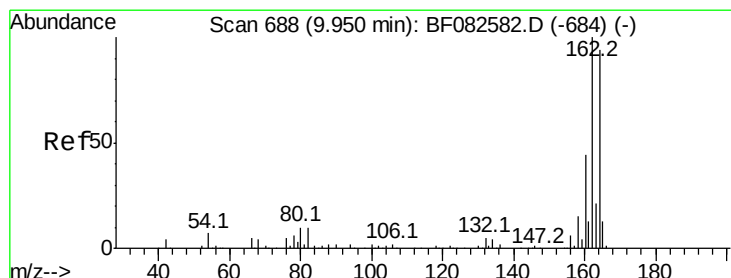
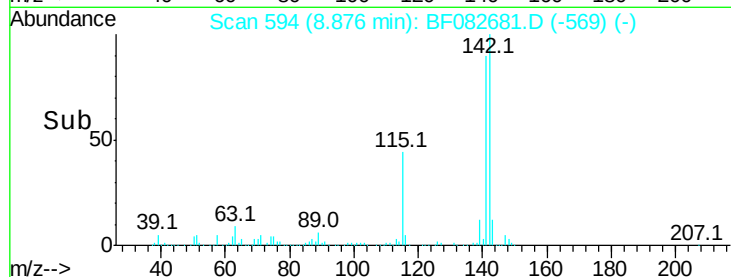
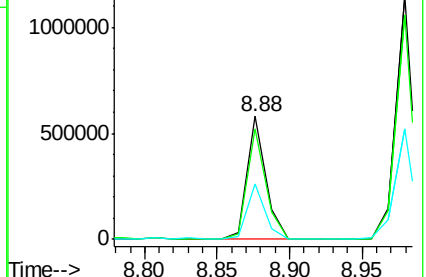
115 44.6 38.1 57.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF082681.D

Acq: 4 Nov 2015 3:40

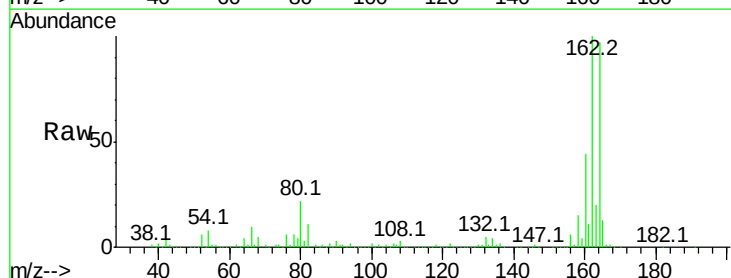
Tgt Ion:164 Resp: 357182

Ion Ratio Lower Upper

164 100

162 103.5 84.9 127.3

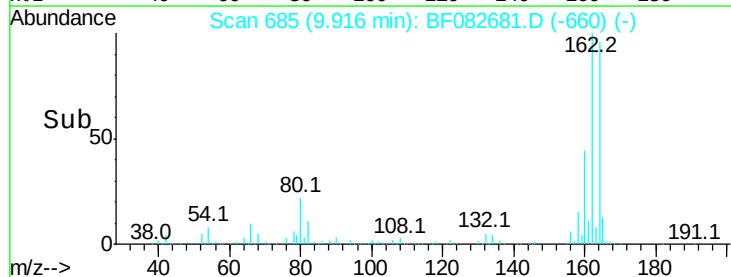
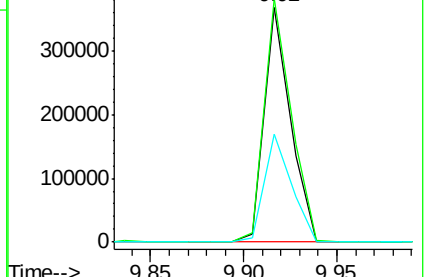
160 45.9 37.5 56.3

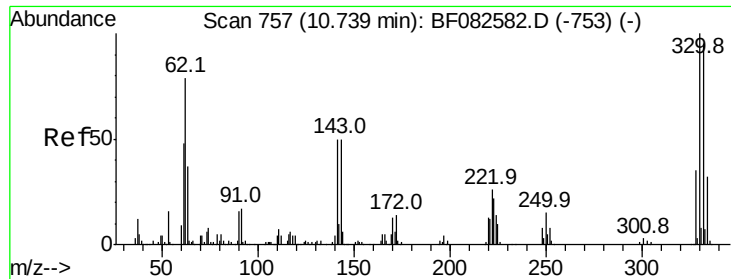


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

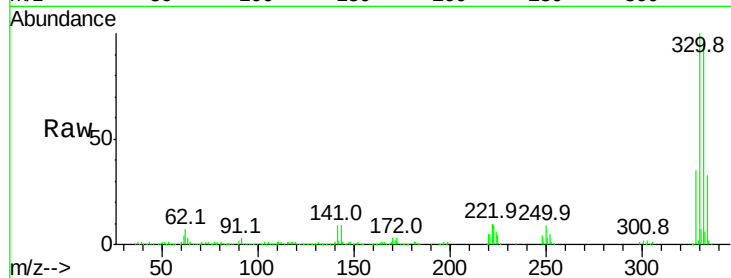




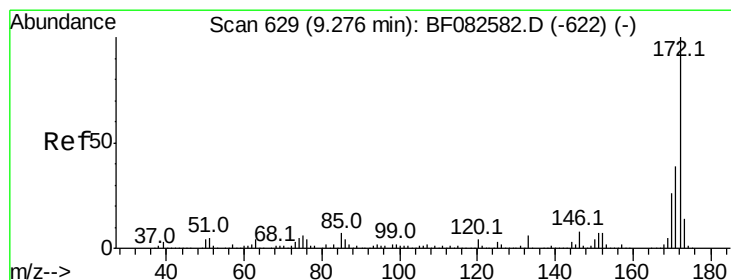
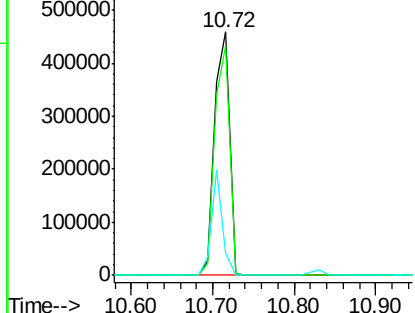
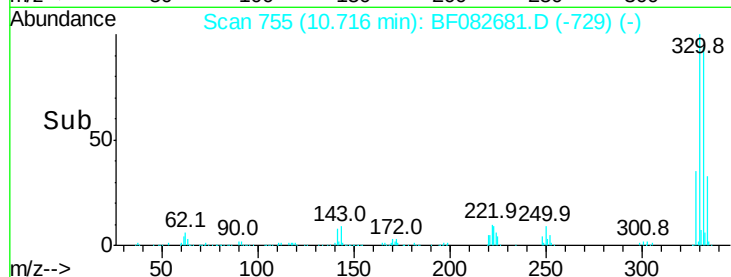
#41
 2,4,6-Tribromophenol
 Concen: 150.74 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF082681.D
 Acq: 4 Nov 2015 3:40

Instrument :
 BNA_F
 ClientSampleId :
 20151026MGP207BRV40

Tot Ion:330 Resp: 589243
 Ion Ratio Lower Upper
 330 100
 332 93.7 76.6 114.8
 141 32.1 41.2 61.8#

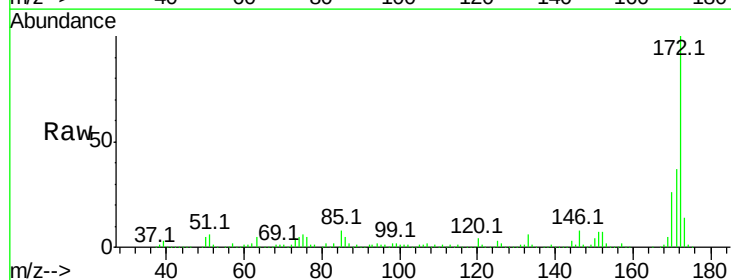


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

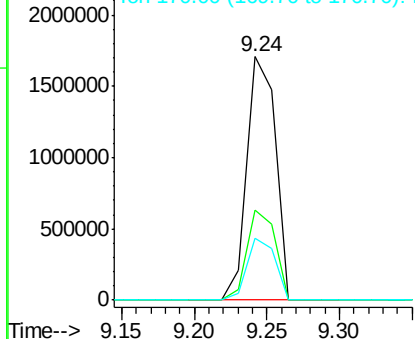
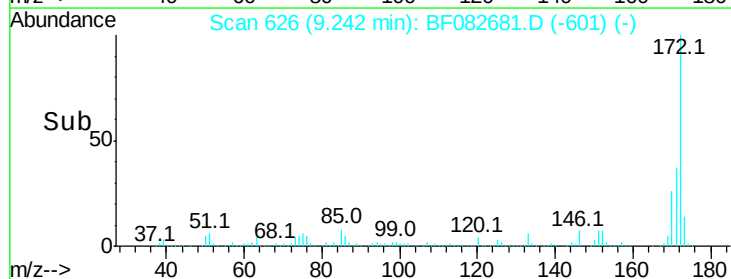


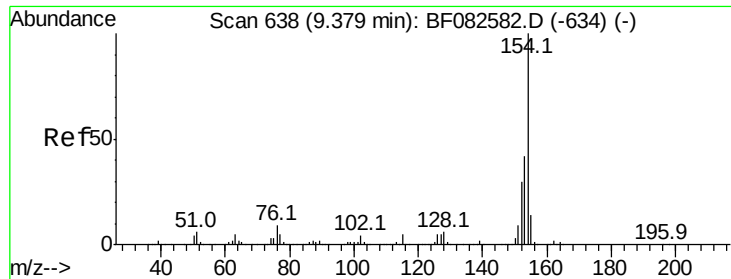
#44
 2-Fluorobiphenyl
 Concen: 92.56 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF082681.D
 Acq: 4 Nov 2015 3:40

Tgt Ion:172 Resp: 2328641
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 25.6 21.2 31.8



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

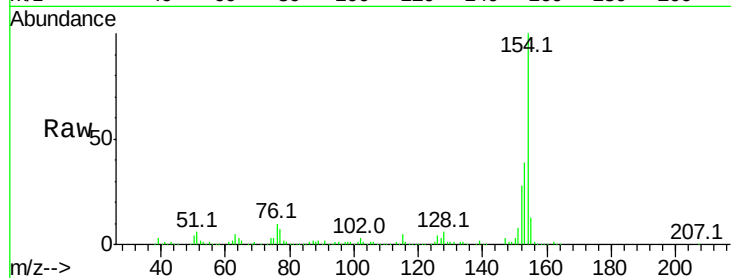




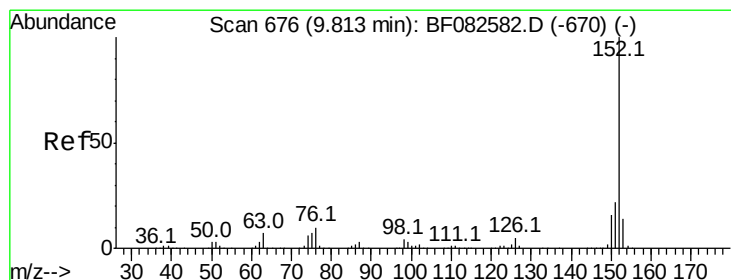
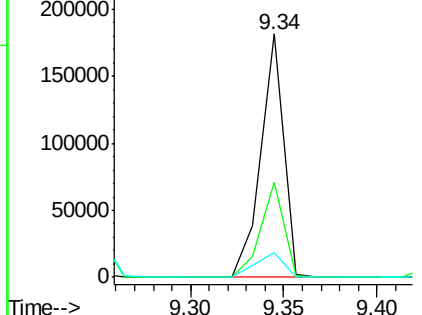
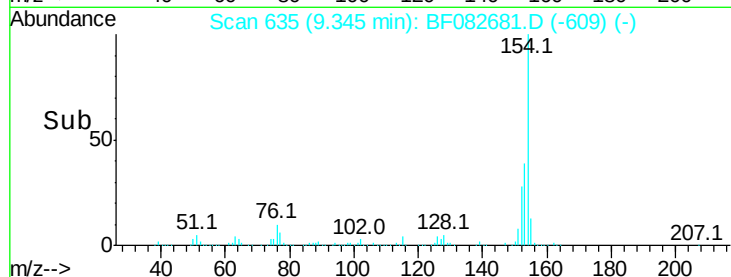
#45
1,1'-Biphenyl
Concen: 5.07 ng
RT: 9.34 min Scan# 635
Delta R.T. 0.00 min
Lab File: BF082681.D
Acq: 4 Nov 2015 3:40

Instrument :
BNA_F
ClientSampleId :
20151026MGP207BRV40

Tot Ion:	154	Resp:	153092
Ion	Ratio	Lower	Upper
154	100		
153	38.9	22.0	62.0
76	10.1	0.0	29.0

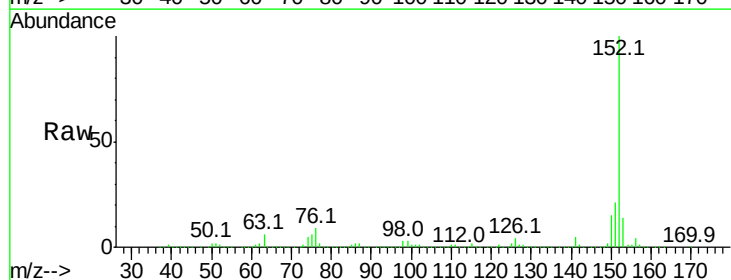


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

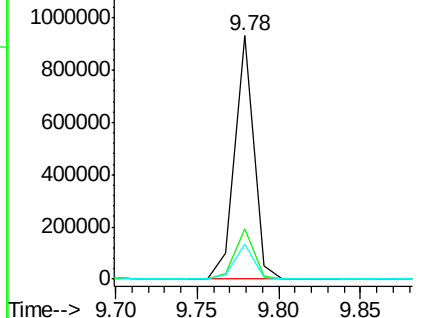
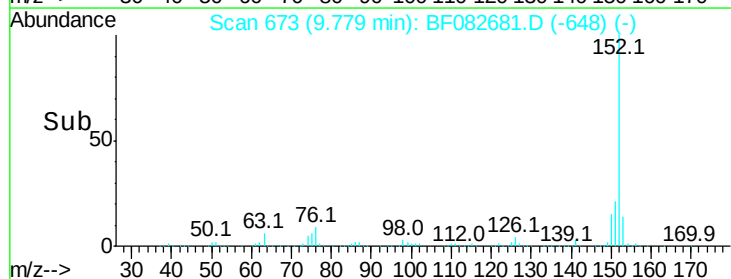


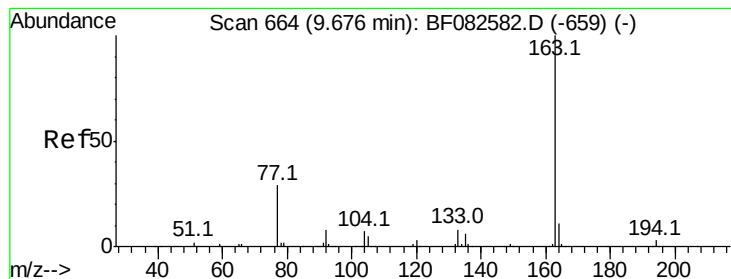
#48
Acenaphthylene
Concen: 19.66 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF082681.D
Acq: 4 Nov 2015 3:40

Tgt Ion:	152	Resp:	740847
Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.3	25.9
153	14.1	11.3	16.9



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 2.02 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF082681.D

Acq: 4 Nov 2015 3:40

Instrument :

BNA_F

ClientSampleId :

20151026MGP207BRV40

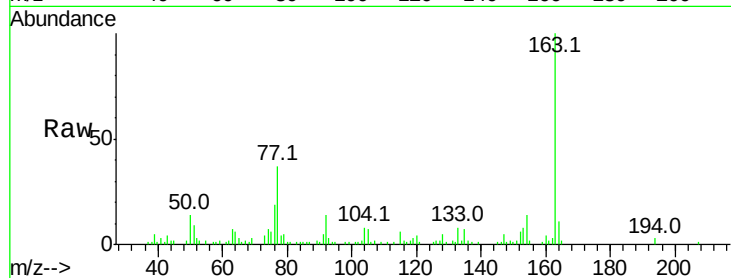
Tot Ion:163 Resp: 58950

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

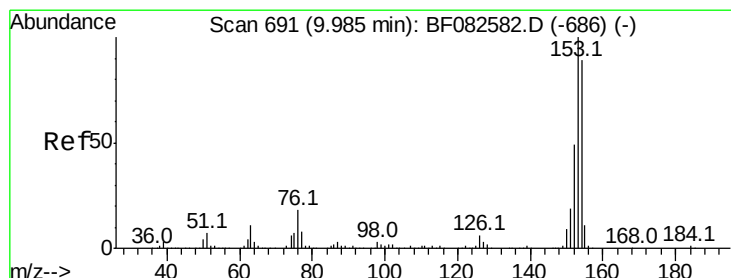
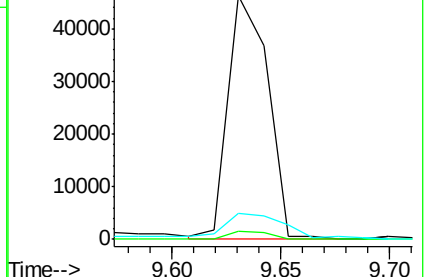
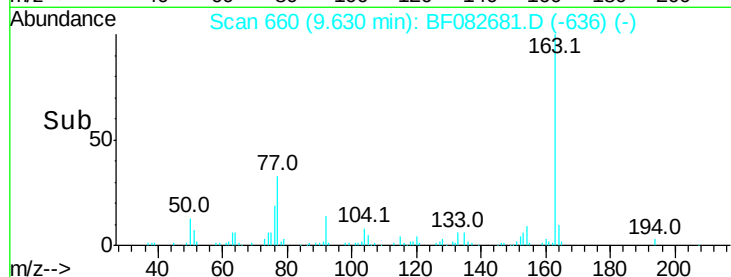
164 10.6 8.7 13.1



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



#51

Acenaphthene

Concen: 9.29 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF082681.D

Acq: 4 Nov 2015 3:40

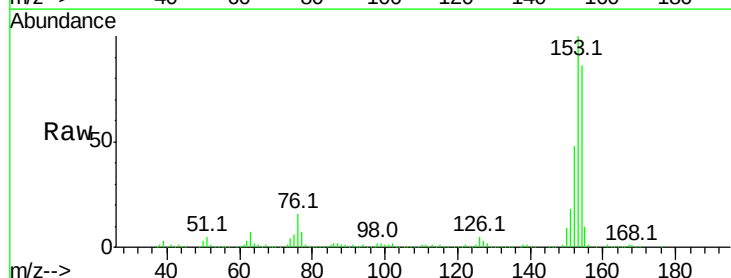
Tgt Ion:154 Resp: 222209

Ion Ratio Lower Upper

154 100

153 116.8 90.1 135.1

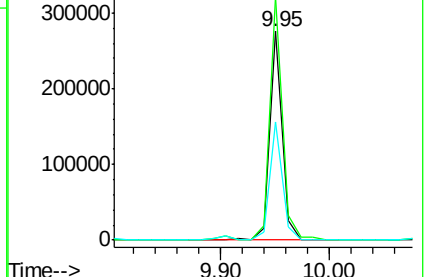
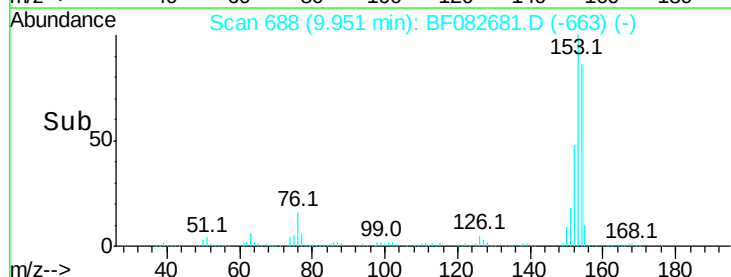
152 56.5 44.3 66.5

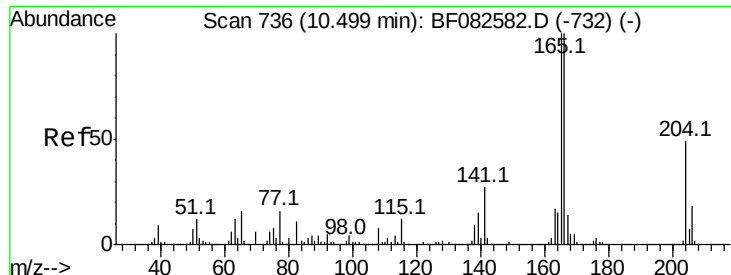


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

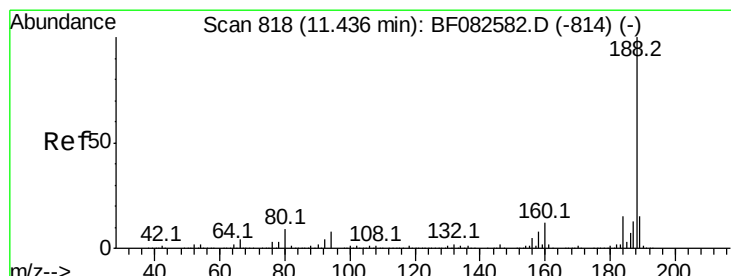
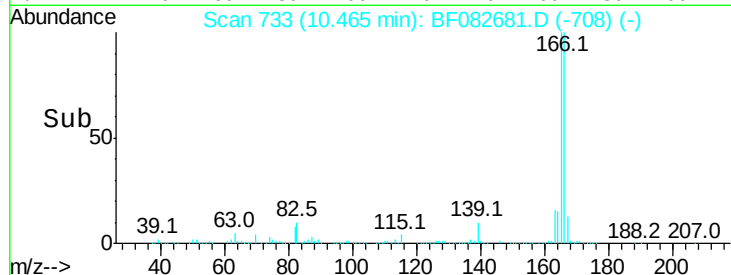
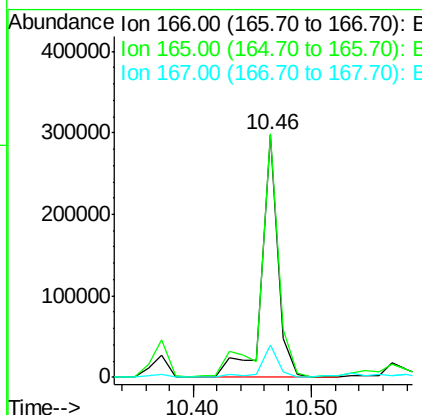
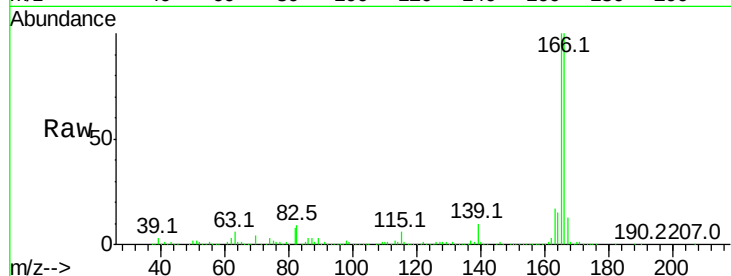




#57
Fluorene
 Concen: 10.78 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF082681.D
 Acq: 4 Nov 2015 3:40

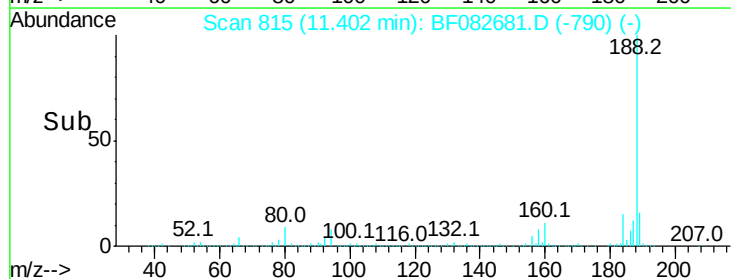
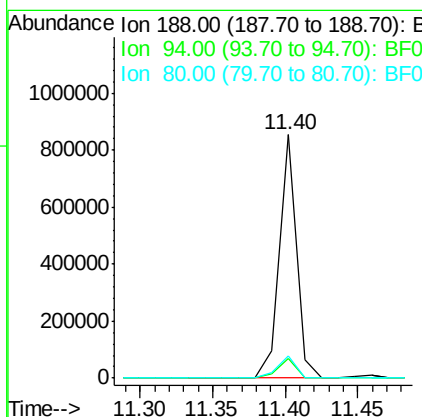
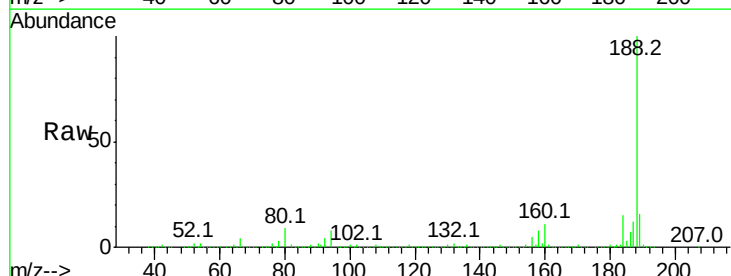
Instrument :
 BNA_F
 ClientSampleId :
 20151026MGP207BRV40

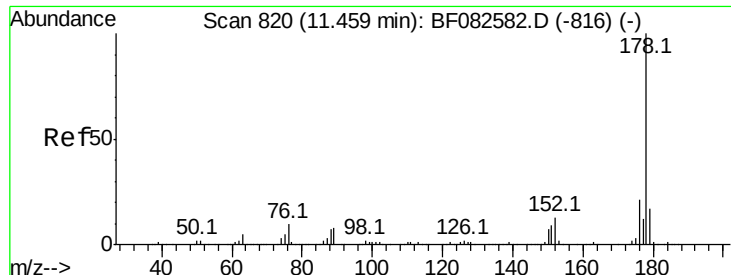
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.3	80.2	120.4
167	13.1	11.2	16.8



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF082681.D
 Acq: 4 Nov 2015 3:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.1	9.1
80	9.0	7.0	10.6

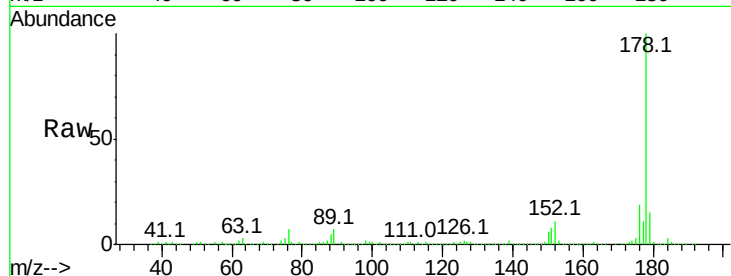




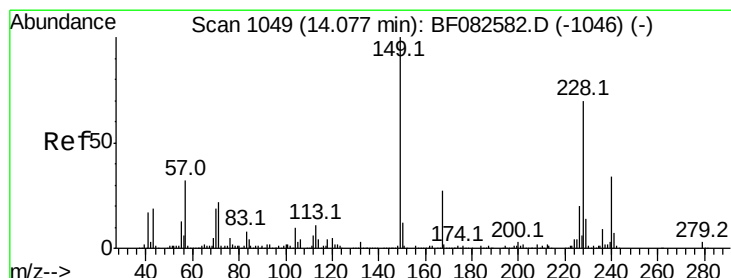
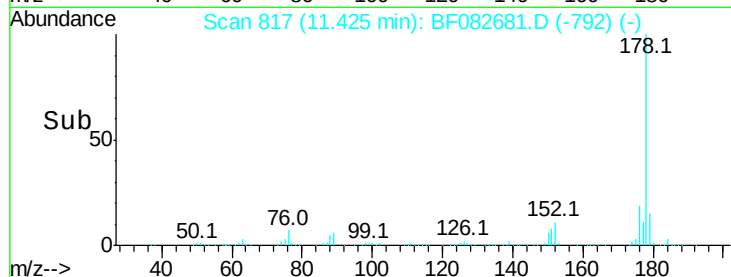
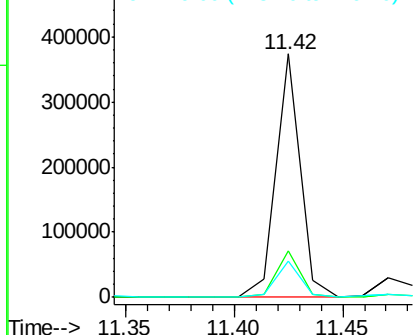
#70
Phenanthrene
Concen: 7.47 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF082681.D
Acq: 4 Nov 2015 3:40

Instrument :
BNA_F
ClientSampleId :
20151026MGP207BRV40

Tot Ion:178 Resp: 294582
Ion Ratio Lower Upper
178 100
176 19.1 17.0 25.4
179 14.8 13.4 20.0

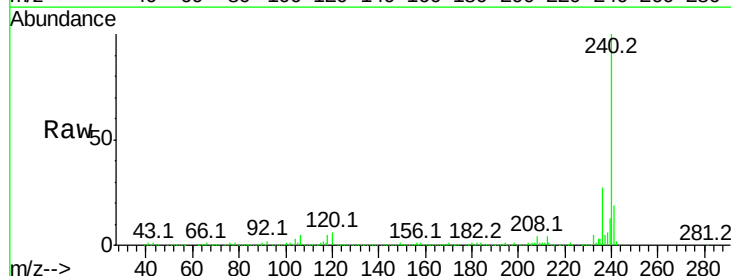


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

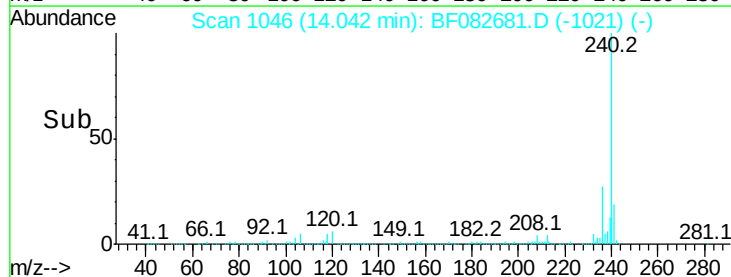
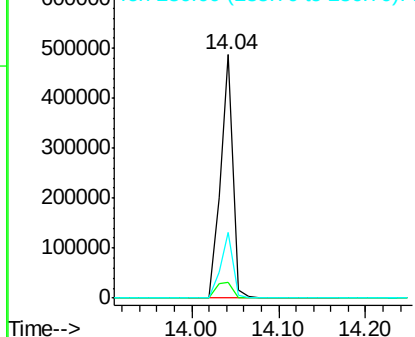


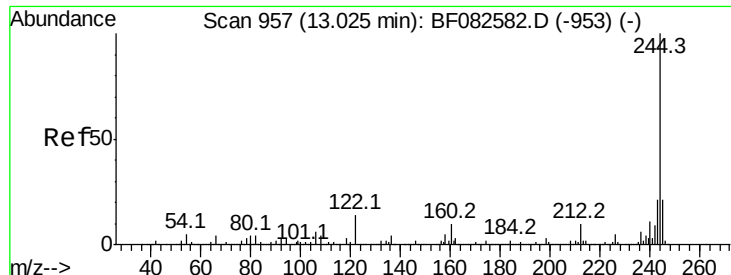
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF082681.D
Acq: 4 Nov 2015 3:40

Tgt Ion:240 Resp: 490386
Ion Ratio Lower Upper
240 100
120 6.4 10.9 16.3#
236 26.7 21.6 32.4



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: 90.12 ng

RT: 12.99 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF082681.D

Acq: 4 Nov 2015 3:40

Instrument :

BNA_F

ClientSampleId :

20151026MGP207BRV40

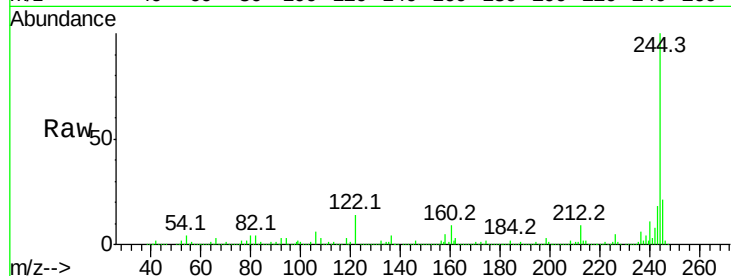
Tot Ion:244 Resp: 2019465

Ion Ratio Lower Upper

244 100

212 8.9 7.6 11.4

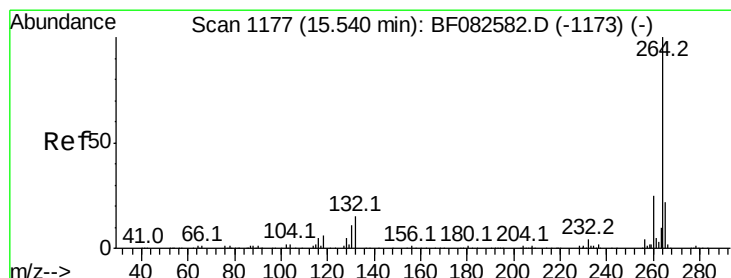
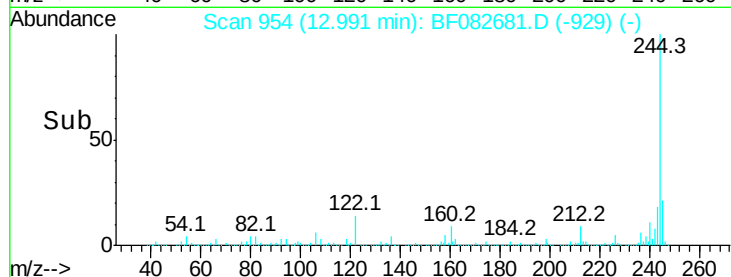
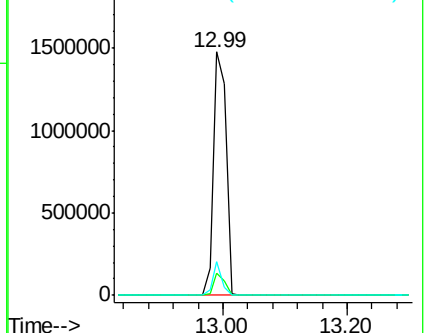
122 13.9 11.3 16.9



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: 15.48 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF082681.D

Acq: 4 Nov 2015 3:40

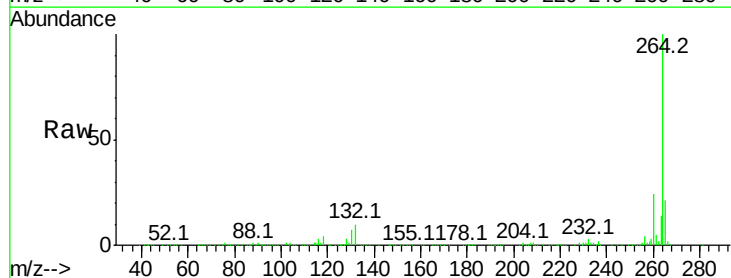
Tgt Ion:264 Resp: 423945

Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.6

265 21.4 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

