

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
 Data File : BF085043.D
 Acq On : 12 Feb 2016 6:03
 Operator : SJ/IZ
 Sample : H1387-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B001(15-17)

Quant Time: Feb 12 07:21:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

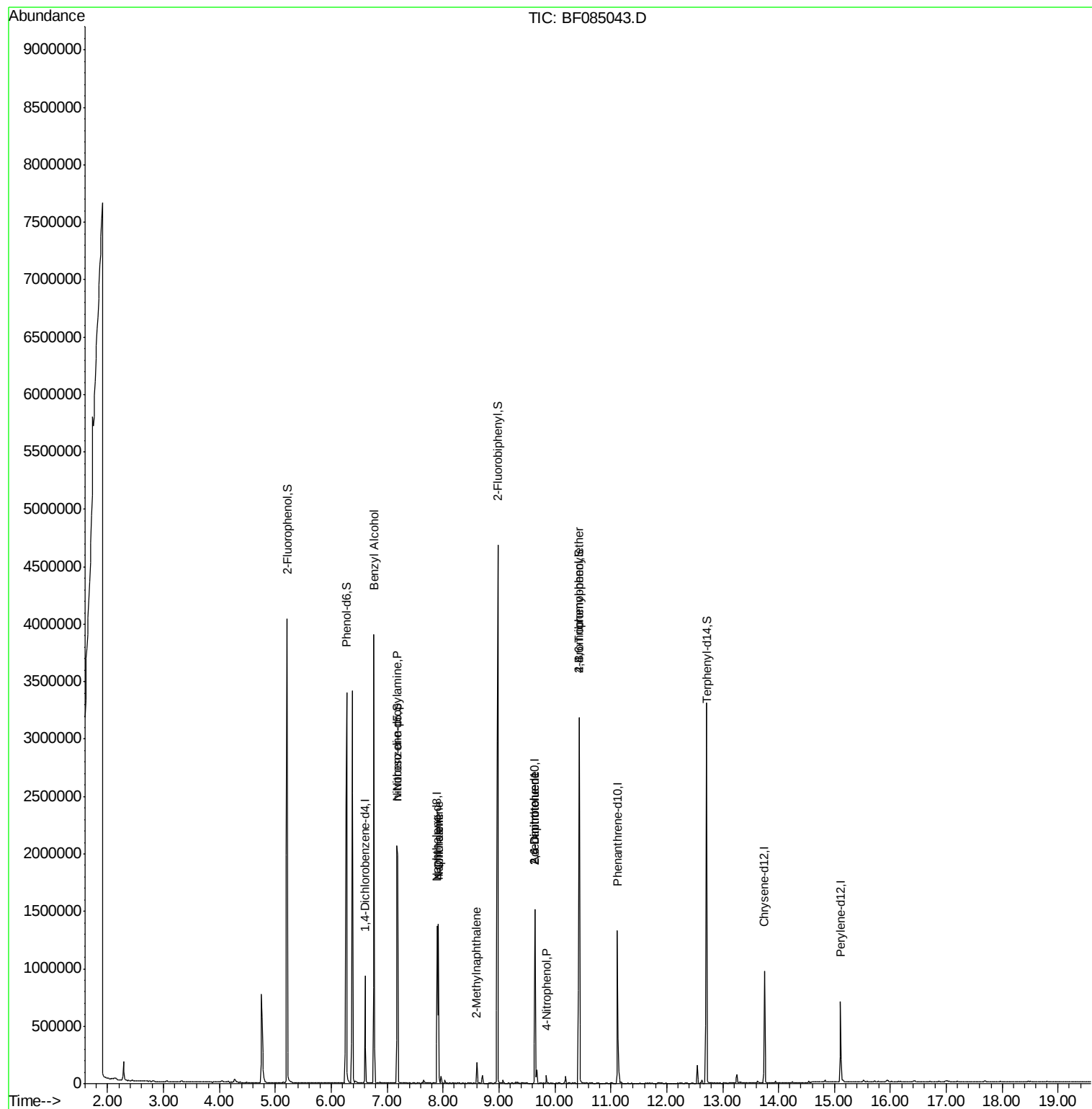
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	140993	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	617382	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	293847	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	496662	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	341305	20.00	ng	-0.02
86) Perylene-d12	15.11	264	300240	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1237422	136.70	ng	0.01
7) Phenol-d6	6.27	99	1513316	134.85	ng	-0.01
23) Nitrobenzene-d5	7.18	82	1048899	95.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	371318	121.14	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1924122	141.34	ng	-0.01
78) Terphenyl-d14	12.72	244	1586117	105.31	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.76	79	17205	2.22	ng	# 43
19) n-Nitroso-di-n-propylamine	7.18	70	137200	19.50	ng	# 69
31) Naphthalene	7.92	128	670589	21.65	ng	# 98
33) 4-Chloroaniline	7.92	127	86356	6.74	ng	# 32
37) 2-Methylnaphthalene	8.60	142	50834	2.62	ng	# 97
50) 2,6-Dinitrotoluene	9.64	165	37476	7.67	ng	# 38
55) 4-Nitrophenol	9.85	139	11505	2.85	ng	# 10
56) 2,4-Dinitrotoluene	9.64	165	37476	6.01	ng	# 22
60) 4-Chlorophenyl-phenylether	10.19	204	254	Below Cal		# 69
66) 4-Bromophenyl-phenylether	10.43	248	24076	4.39	ng	# 1

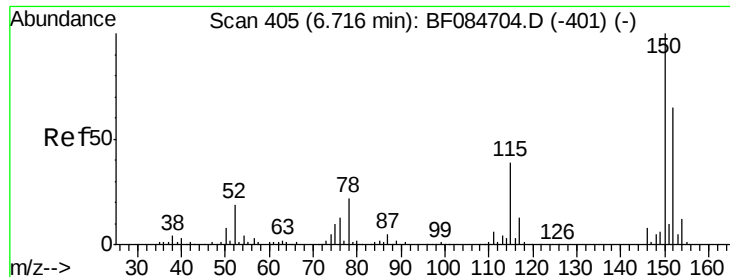
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
Data File : BF085043.D
Acq On : 12 Feb 2016 6:03
Operator : SJ/IZ
Sample : H1387-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B001(15-17)

Quant Time: Feb 12 07:21:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085043.D

Acq: 12 Feb 2016 6:03

Instrument :

BNA_F

ClientSampleId :

S4-B001(15-17)

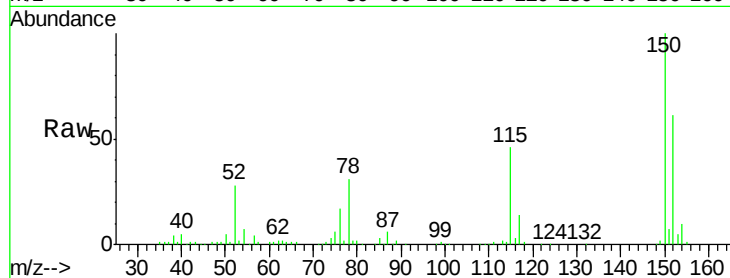
Tgt Ion:152 Resp: 140993

Ion Ratio Lower Upper

152 100

150 162.7 123.0 184.4

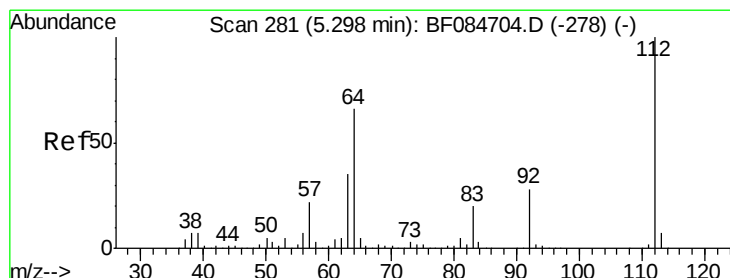
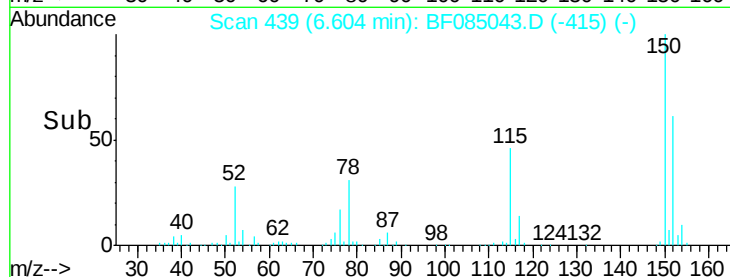
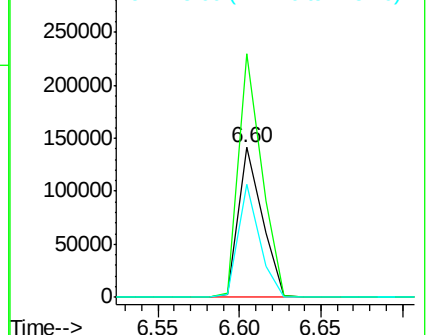
115 75.5 51.4 77.2



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: 136.70 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF085043.D

Acq: 12 Feb 2016 6:03

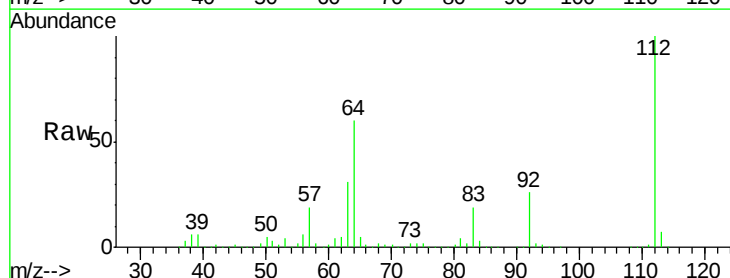
Tgt Ion:112 Resp: 1237422

Ion Ratio Lower Upper

112 100

64 60.0 36.6 55.0#

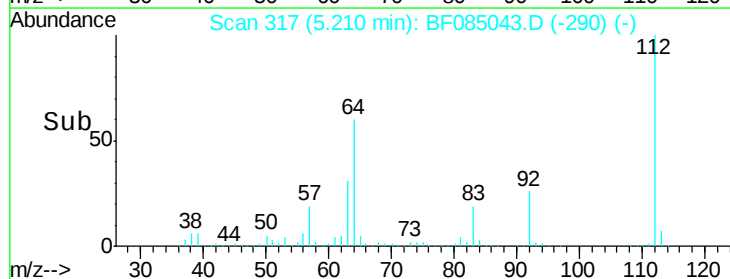
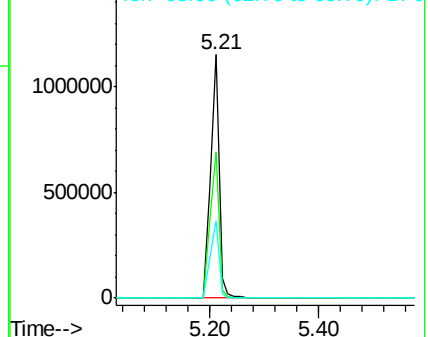
63 31.5 19.4 29.0#



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: 134.85 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085043.D

Acq: 12 Feb 2016 6:03

Instrument :

BNA_F

ClientSampleId :

S4-B001(15-17)

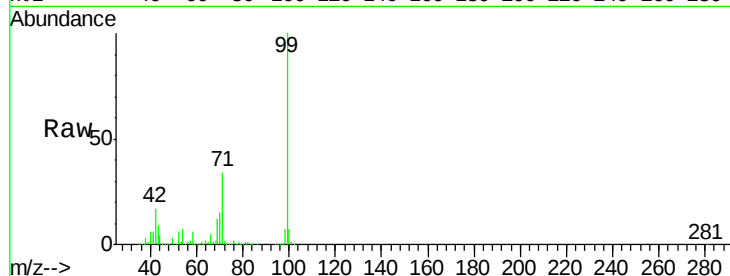
Tgt Ion: 99 Resp: 1513316

Ion Ratio Lower Upper

99 100

42 17.1 12.8 19.2

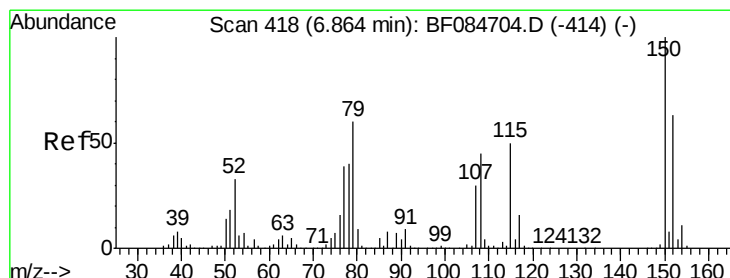
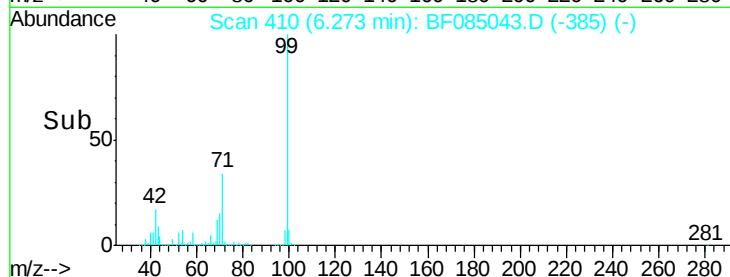
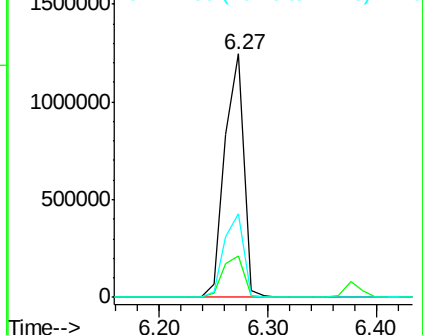
71 34.4 30.9 46.3



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



#15

Benzyl Alcohol

Concen: 2.22 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF085043.D

Acq: 12 Feb 2016 6:03

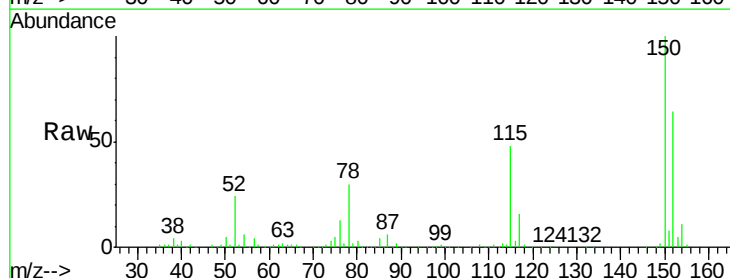
Tgt Ion: 79 Resp: 17205

Ion Ratio Lower Upper

79 100

108 26.0 69.0 103.4#

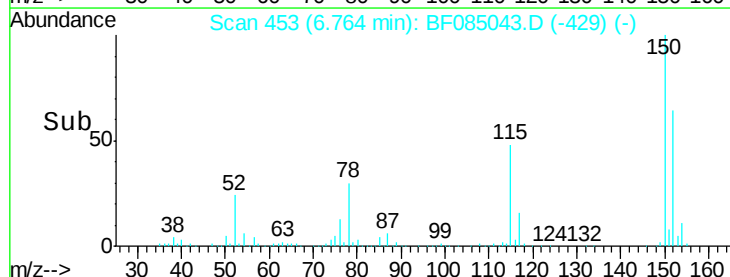
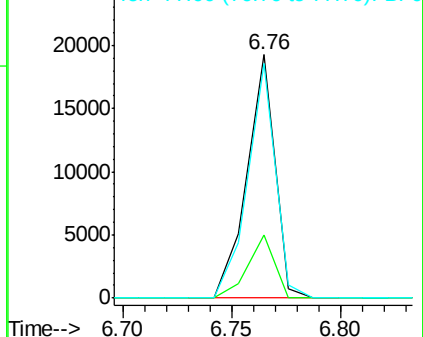
77 96.6 50.0 75.0#

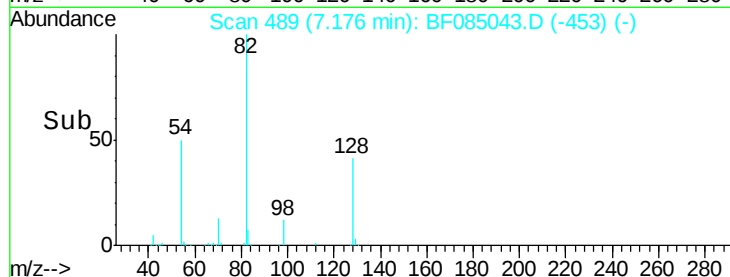
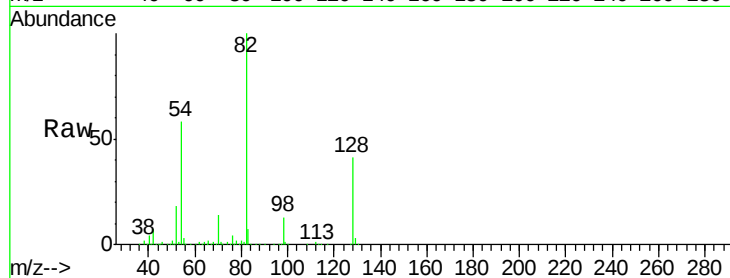
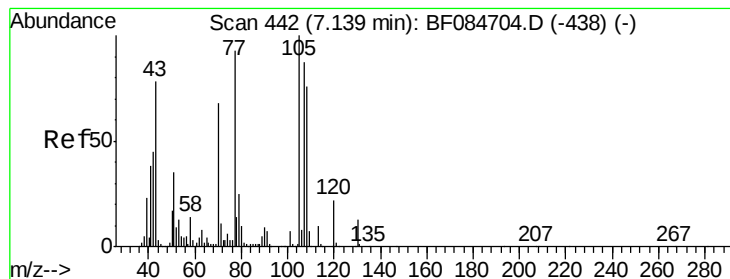


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 19.50 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.11 min

Lab File: BF085043.D

Acq: 12 Feb 2016 6:03

Instrument :

BNA_F

ClientSampleId :

S4-B001(15-17)

Tgt Ion: 70 Resp: 137200

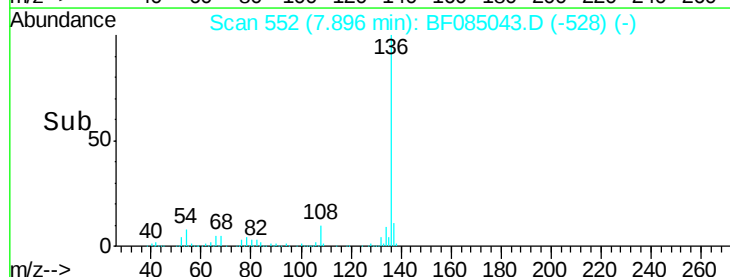
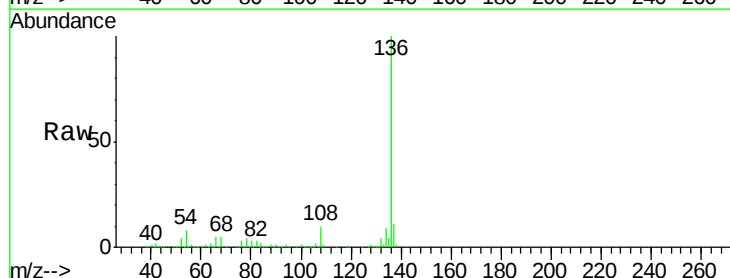
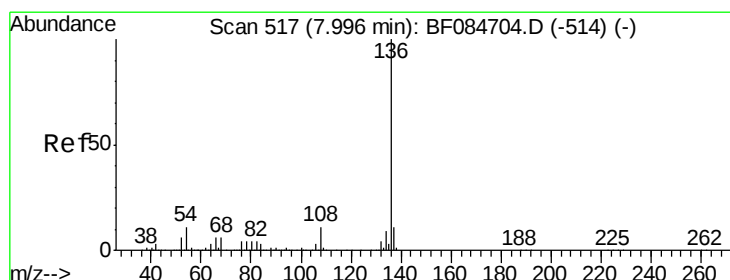
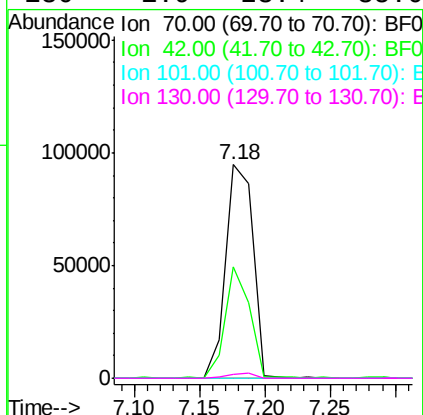
Ion Ratio Lower Upper

70 100

42 52.0 33.3 49.9#

101 0.0 9.3 13.9#

130 1.9 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF085043.D

Acq: 12 Feb 2016 6:03

Tgt Ion: 136 Resp: 617382

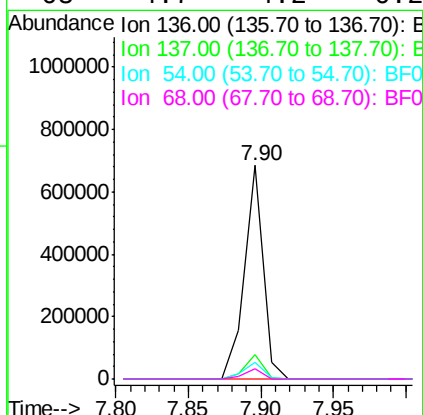
Ion Ratio Lower Upper

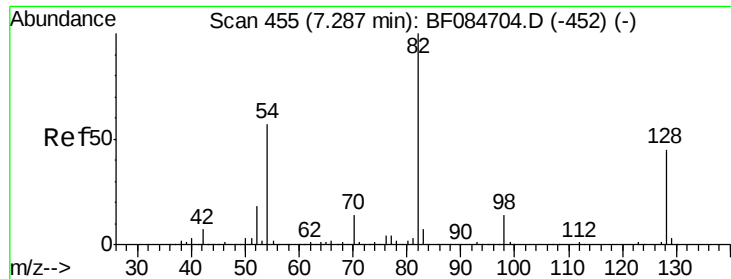
136 100

137 11.4 8.7 13.1

54 7.9 5.8 8.8

68 4.7 4.2 6.2

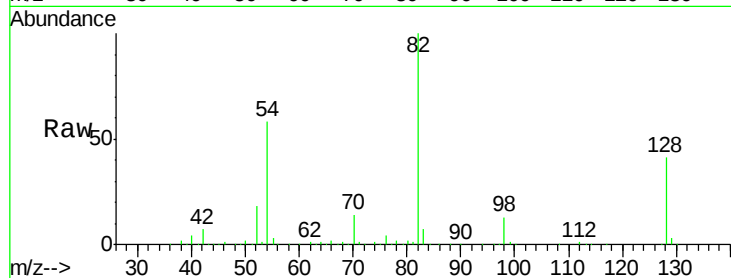




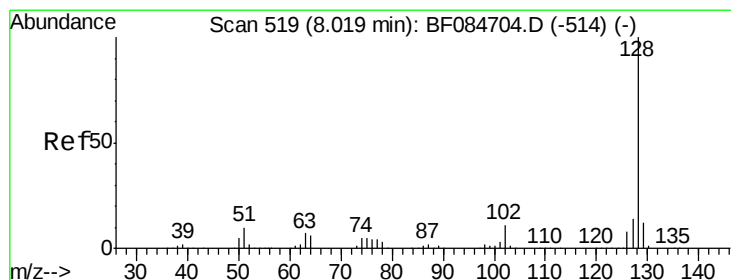
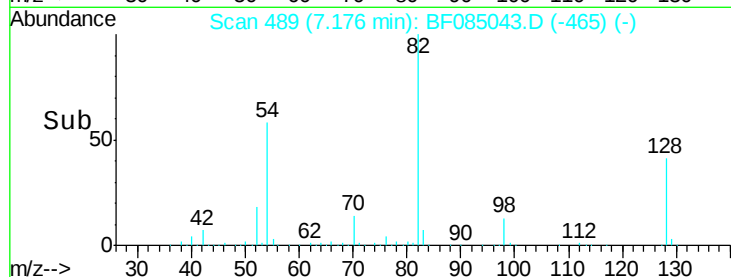
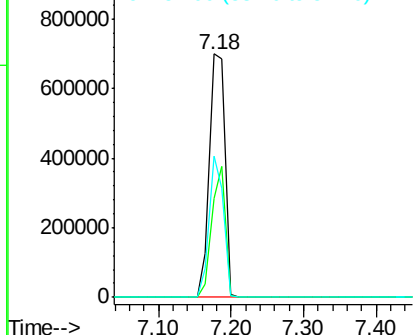
#23
Nitrobenzene-d5
Concen: 95.71 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF085043.D
Acq: 12 Feb 2016 6:03

Instrument :
BNA_F
ClientSampleId :
S4-B001(15-17)

Tgt Ion: 82 Resp: 1048899
Ion Ratio Lower Upper
82 100
128 40.7 34.6 51.8
54 58.2 38.4 57.6#

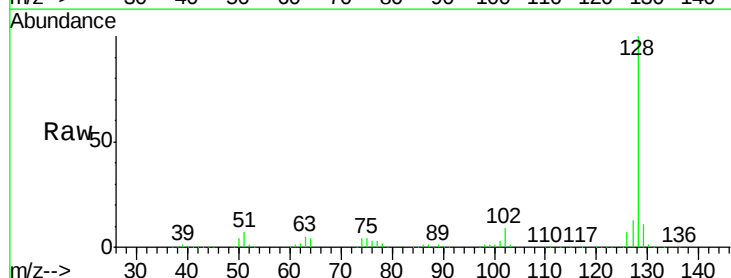


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

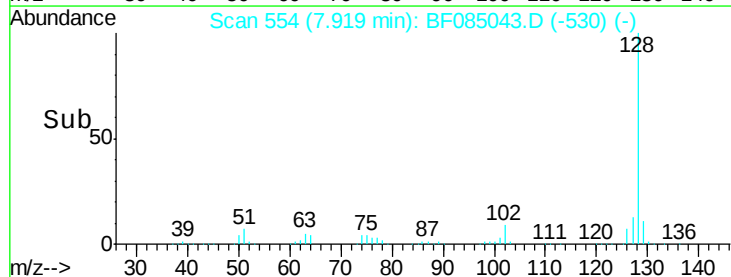
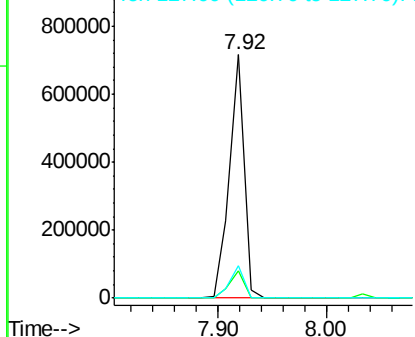


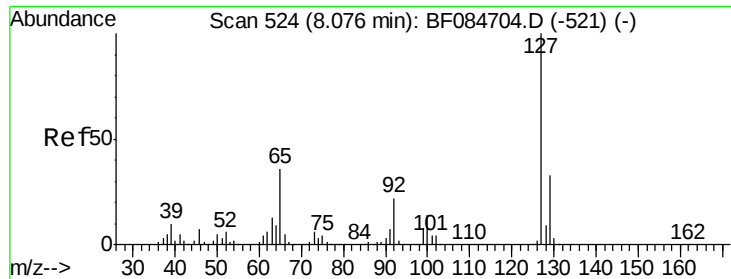
#31
Naphthalene
Concen: 21.65 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.02 min
Lab File: BF085043.D
Acq: 12 Feb 2016 6:03

Tgt Ion: 128 Resp: 670589
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.1 11.1 16.7



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

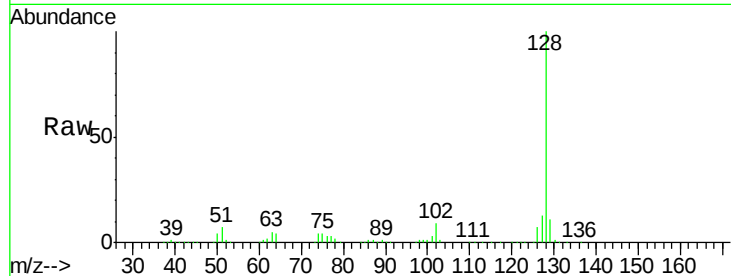




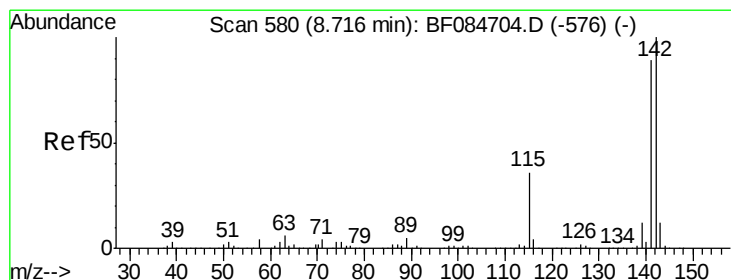
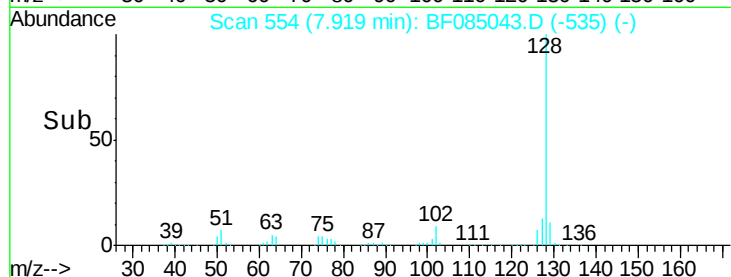
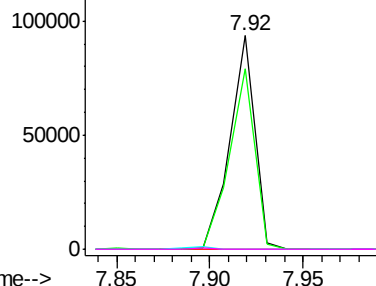
#33
4-Chloroaniline
Concen: 6.74 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.08 min
Lab File: BF085043.D
Acq: 12 Feb 2016 6:03

Instrument :
BNA_F
ClientSampleId :
S4-B001(15-17)

Tgt Ion:	127	Resp:	86356
Ion	Ratio	Lower	Upper
127	100		
129	84.6	26.5	39.7#
65	0.0	27.2	40.8#
92	0.0	17.7	26.5#

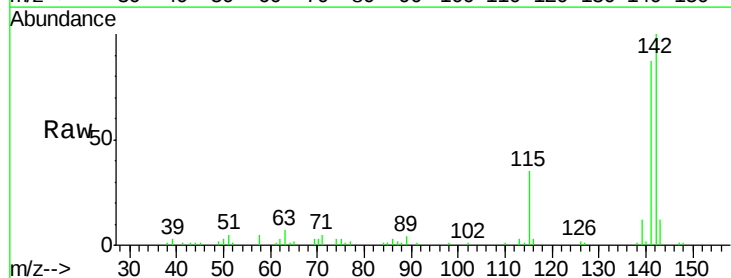


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

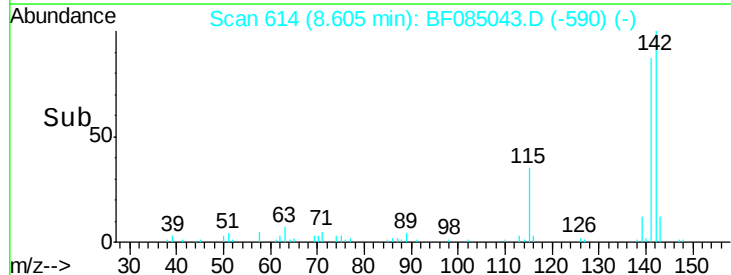
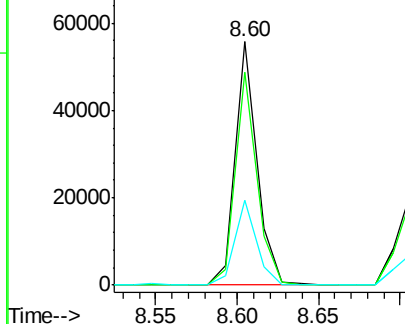


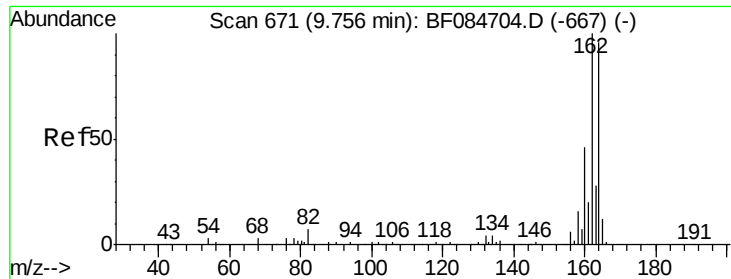
#37
2-Methylnaphthalene
Concen: 2.62 ng
RT: 8.60 min Scan# 614
Delta R.T. -0.02 min
Lab File: BF085043.D
Acq: 12 Feb 2016 6:03

Tgt Ion:	142	Resp:	50834
Ion	Ratio	Lower	Upper
142	100		
141	87.3	72.4	108.6
115	34.7	27.9	41.9



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: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF085043.D

Acq: 12 Feb 2016 6:03

Instrument :

BNA_F

ClientSampleId :

S4-B001(15-17)

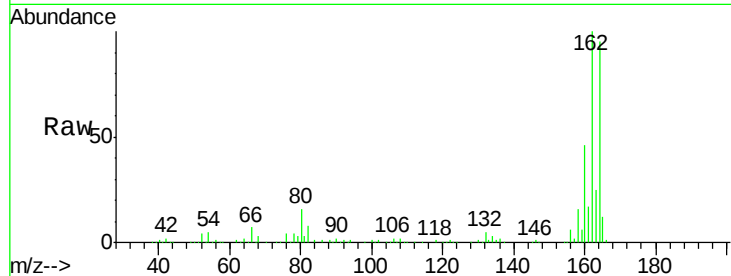
Tgt Ion:164 Resp: 293847

Ion Ratio Lower Upper

164 100

162 104.8 85.1 127.7

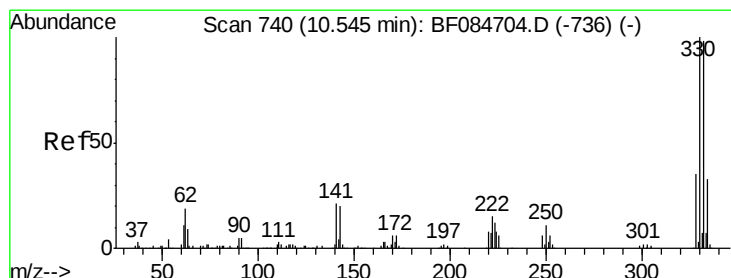
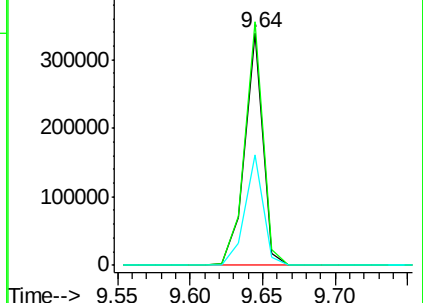
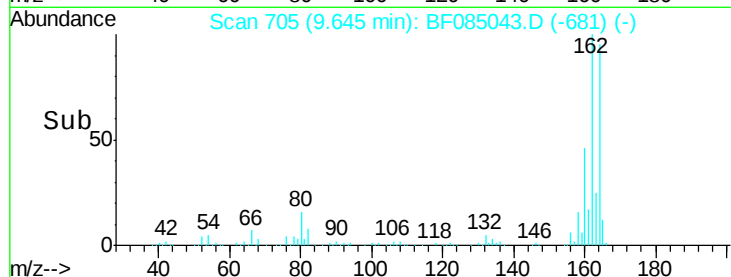
160 47.7 37.5 56.3



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: 121.14 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF085043.D

Acq: 12 Feb 2016 6:03

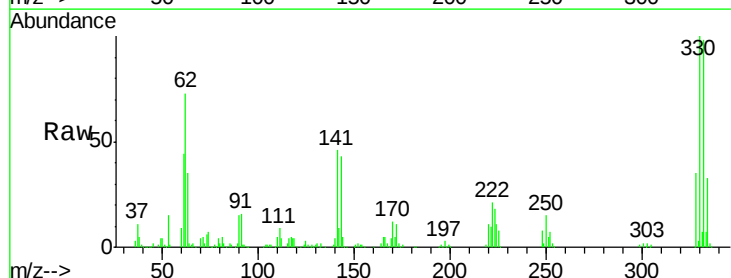
Tgt Ion:330 Resp: 371318

Ion Ratio Lower Upper

330 100

332 98.6 76.6 114.8

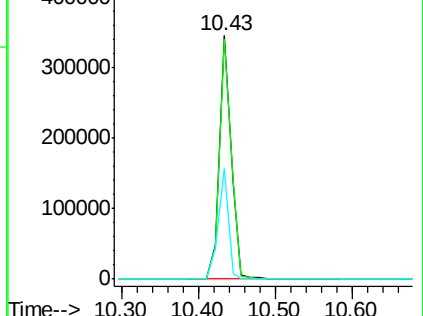
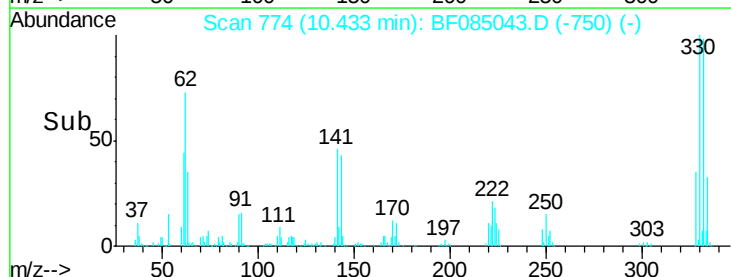
141 39.4 27.8 41.6

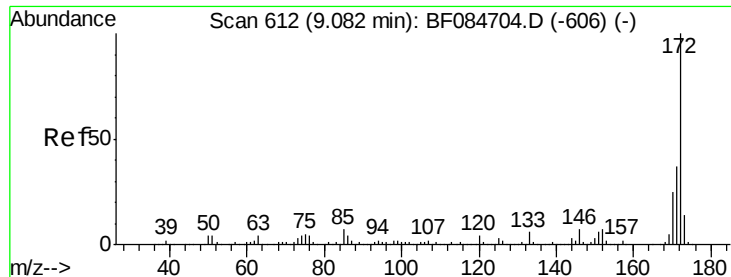


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

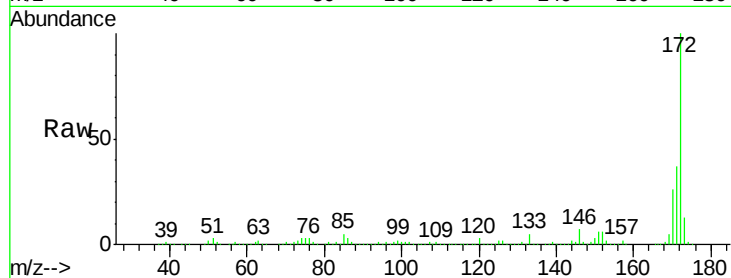




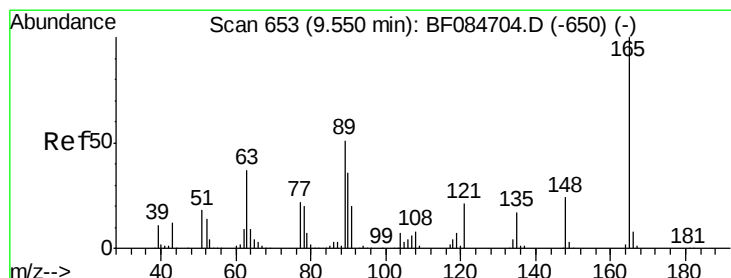
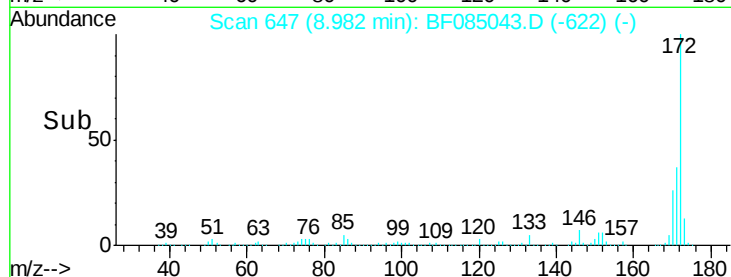
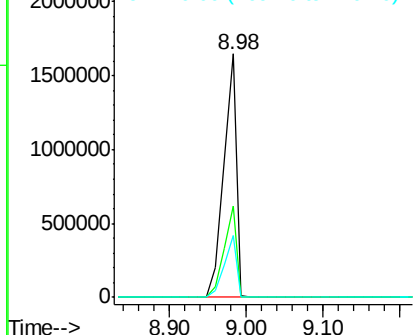
#44
 2-Fluorobiphenyl
 Concen: 141.34 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085043.D
 Acq: 12 Feb 2016 6:03

Instrument :
 BNA_F
 ClientSampleId :
 S4-B001(15-17)

Tgt Ion:172 Resp: 1924122
 Ion Ratio Lower Upper
 172 100
 171 37.3 28.9 43.3
 170 25.5 18.6 27.8

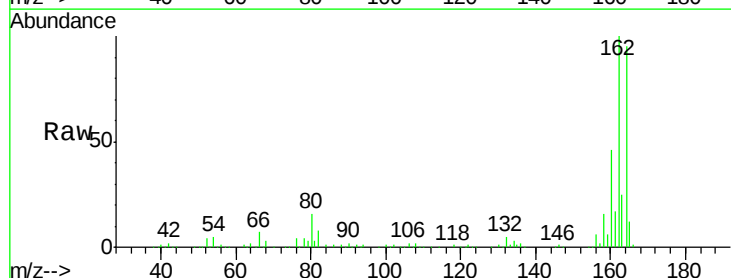


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

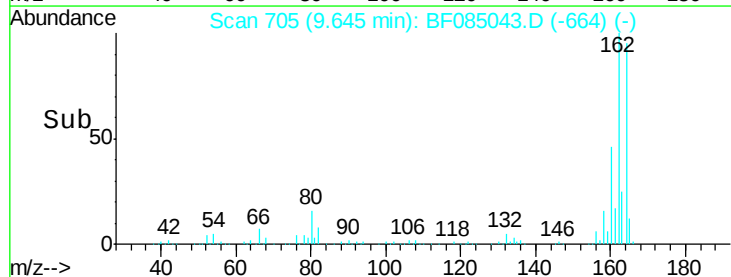
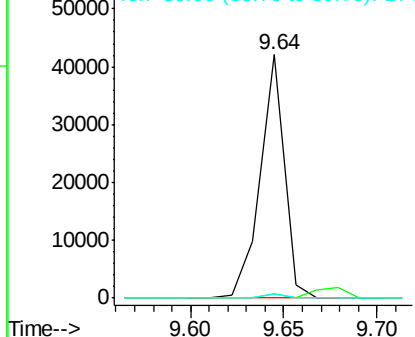


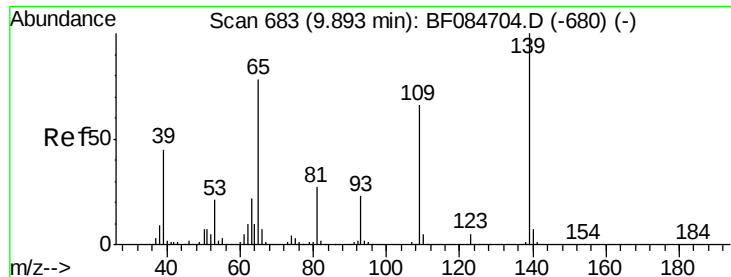
#50
 2,6-Dinitrotoluene
 Concen: 7.67 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.17 min
 Lab File: BF085043.D
 Acq: 12 Feb 2016 6:03

Tgt Ion:165 Resp: 37476
 Ion Ratio Lower Upper
 165 100
 63 1.6 28.8 43.2#
 89 1.5 35.1 52.7#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0





#55

4-Nitrophenol

Concen: 2.85 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.03 min

Lab File: BF085043.D

Acq: 12 Feb 2016 6:03

Instrument :

BNA_F

ClientSampleId :

S4-B001(15-17)

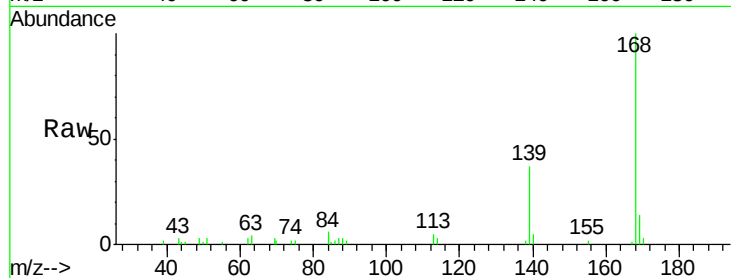
Tgt Ion:139 Resp: 11505

Ion Ratio Lower Upper

139 100

109 0.0 58.5 98.5#

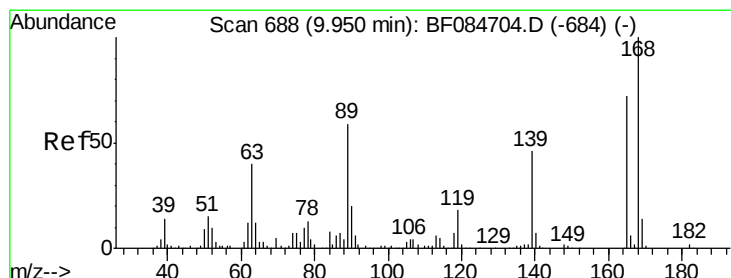
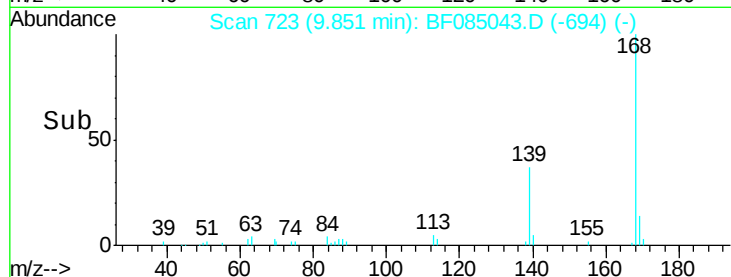
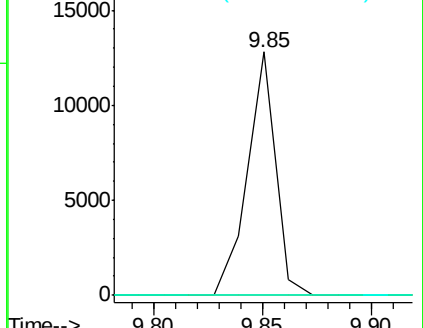
65 0.0 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.01 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.23 min

Lab File: BF085043.D

Acq: 12 Feb 2016 6:03

Tgt Ion:165 Resp: 37476

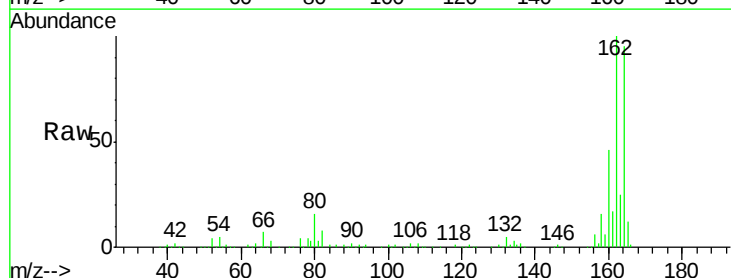
Ion Ratio Lower Upper

165 100

63 1.6 36.7 55.1#

89 1.5 61.9 92.9#

182 0.0 2.0 3.0#

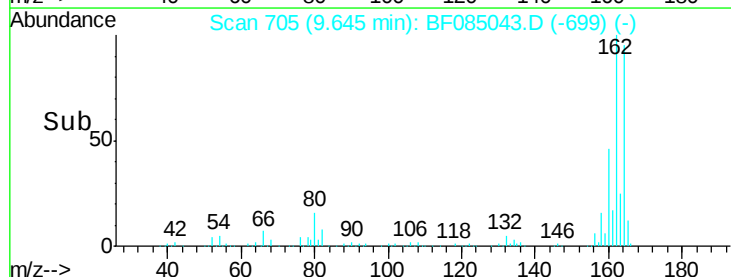
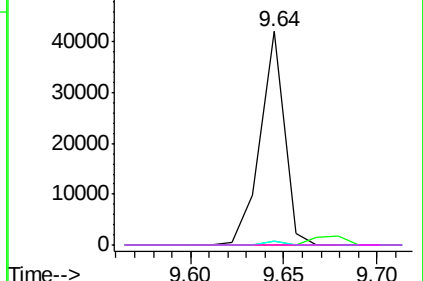


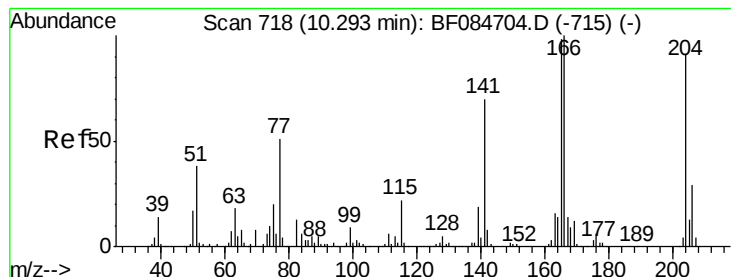
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#60

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.19 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF085043.D

Acq: 12 Feb 2016 6:03

Instrument :

BNA_F

ClientSampleId :

S4-B001(15-17)

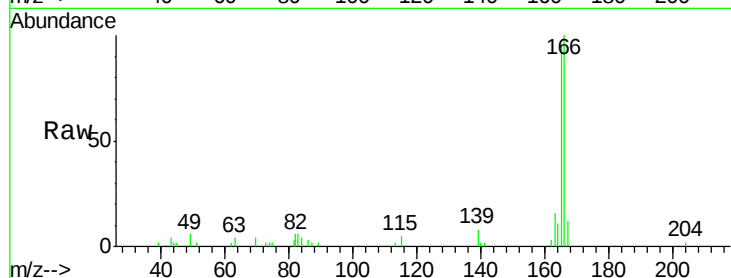
Tgt Ion:204 Resp: 254

Ion Ratio Lower Upper

204 100

206 0.0 25.7 38.5#

141 84.3 55.1 82.7#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

10.19

400

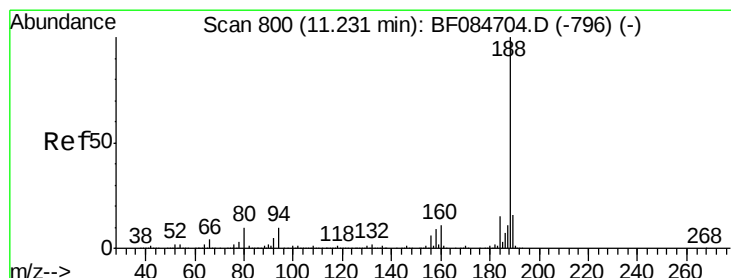
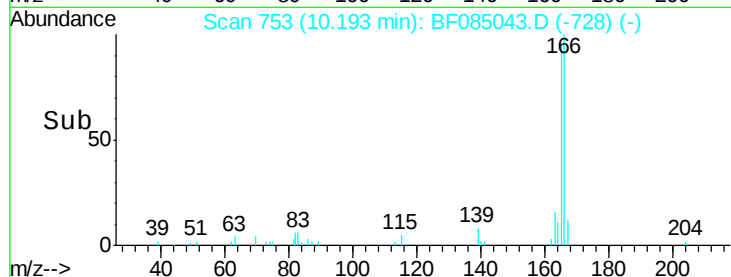
300

200

100

0

Time--> 10.15 10.20



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF085043.D

Acq: 12 Feb 2016 6:03

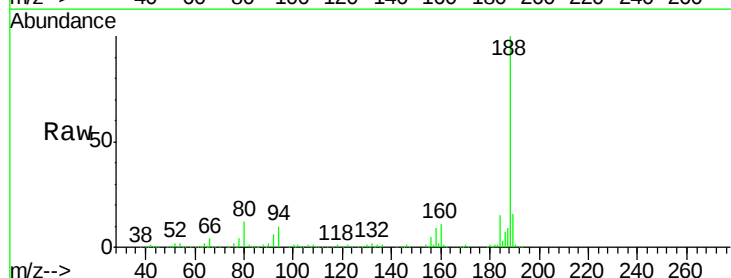
Tgt Ion:188 Resp: 496662

Ion Ratio Lower Upper

188 100

94 9.8 9.0 13.4

80 11.6 9.6 14.4



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

11.12

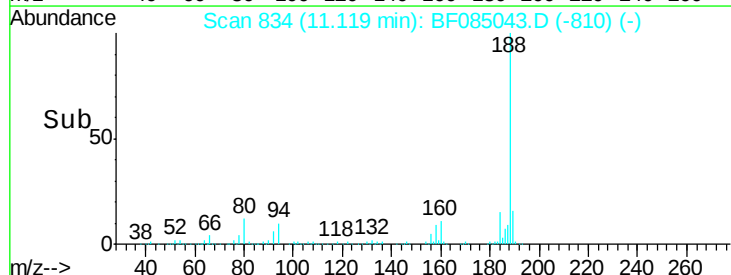
600000

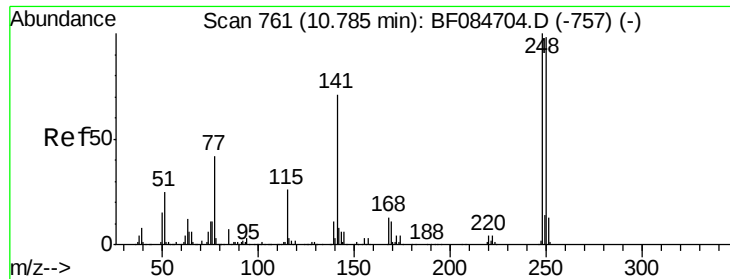
400000

200000

0

Time--> 11.10 11.15

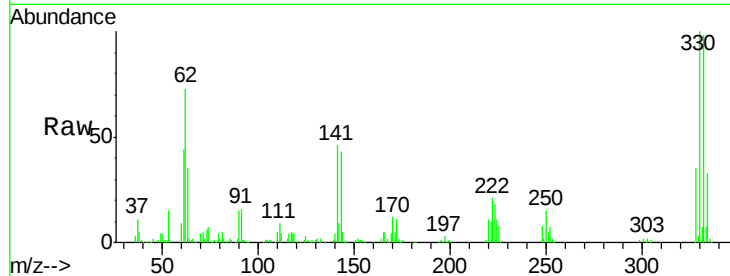




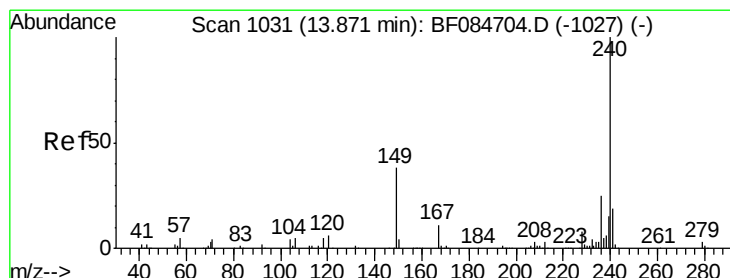
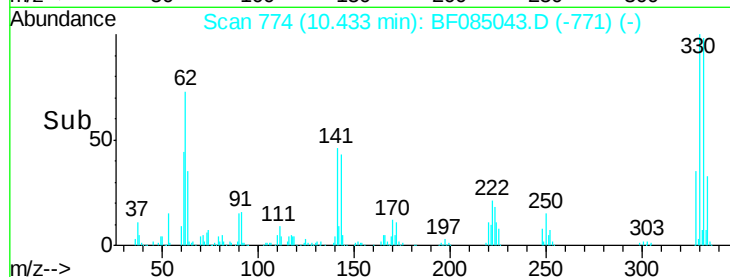
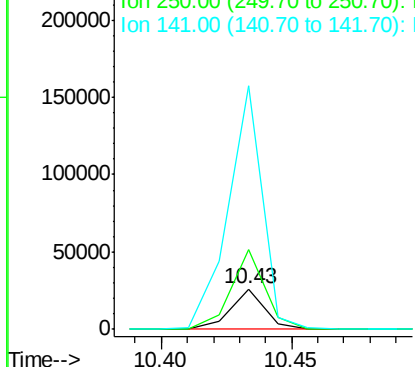
#66
 4-Bromophenyl-phenylether
 Concen: 4.39 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.26 min
 Lab File: BF085043.D
 Acq: 12 Feb 2016 6:03

Instrument :
 BNA_F
 ClientSampleId :
 S4-B001(15-17)

Tgt Ion: 248 Resp: 24076
 Ion Ratio Lower Upper
 248 100
 250 197.9 78.4 117.6#
 141 601.0 44.0 66.0#

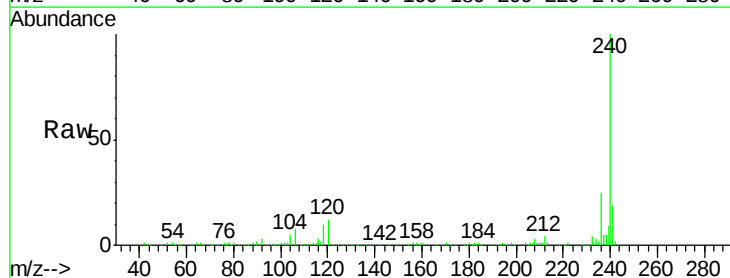


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

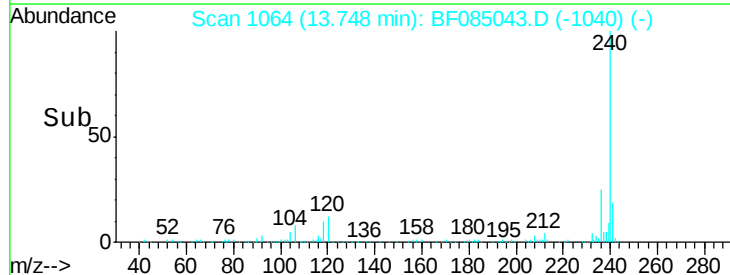
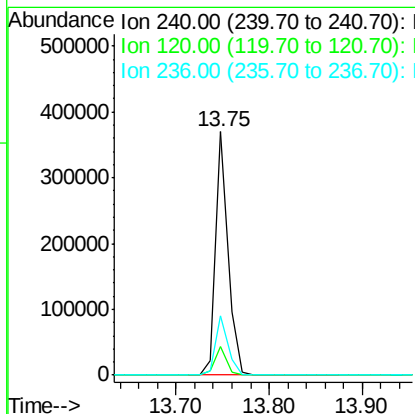


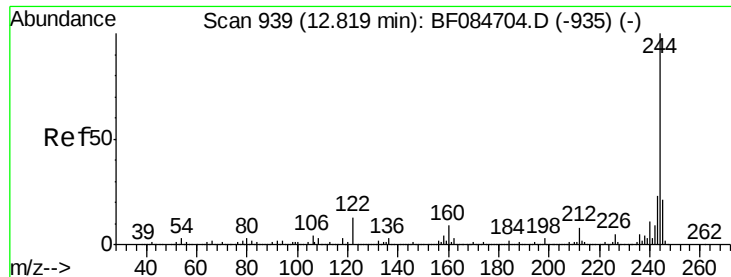
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.02 min
 Lab File: BF085043.D
 Acq: 12 Feb 2016 6:03

Tgt Ion: 240 Resp: 341305
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.5 14.3
 236 24.6 20.6 31.0



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: 105.31 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF085043.D

Acq: 12 Feb 2016 6:03

Instrument :

BNA_F

ClientSampleId :

S4-B001(15-17)

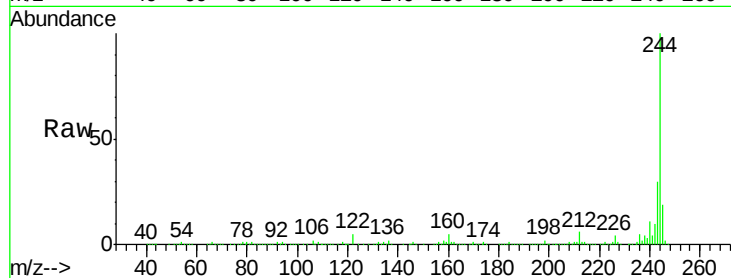
Tgt Ion:244 Resp: 1586117

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

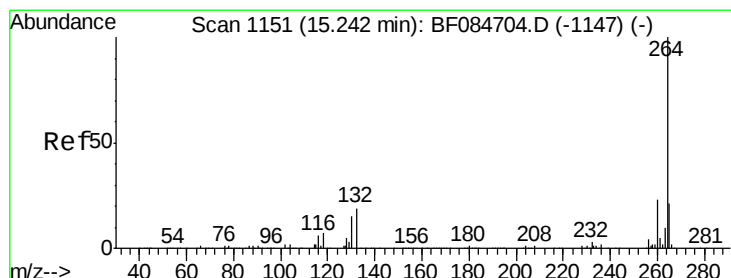
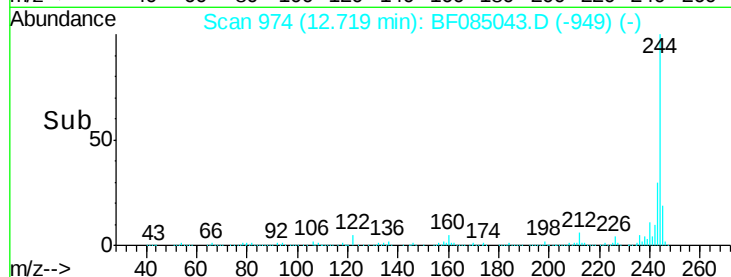
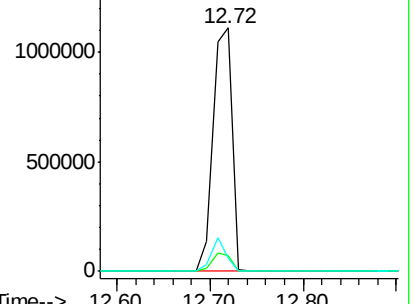
122 5.4 7.4 11.0#



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: 15.11 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BF085043.D

Acq: 12 Feb 2016 6:03

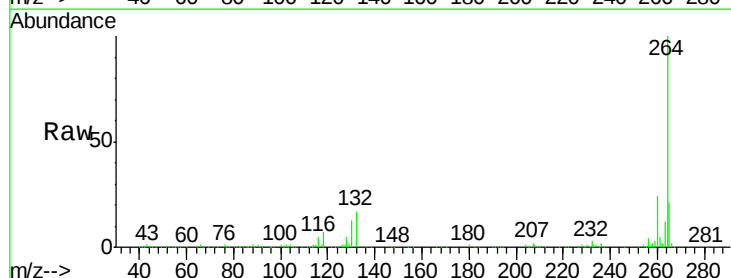
Tgt Ion:264 Resp: 300240

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 20.8 17.8 26.6



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

