

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021517\
 Data File : BF092974.D
 Acq On : 16 Feb 2017 1:53
 Operator : SJ/MA
 Sample : I1825-01 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 02:46:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

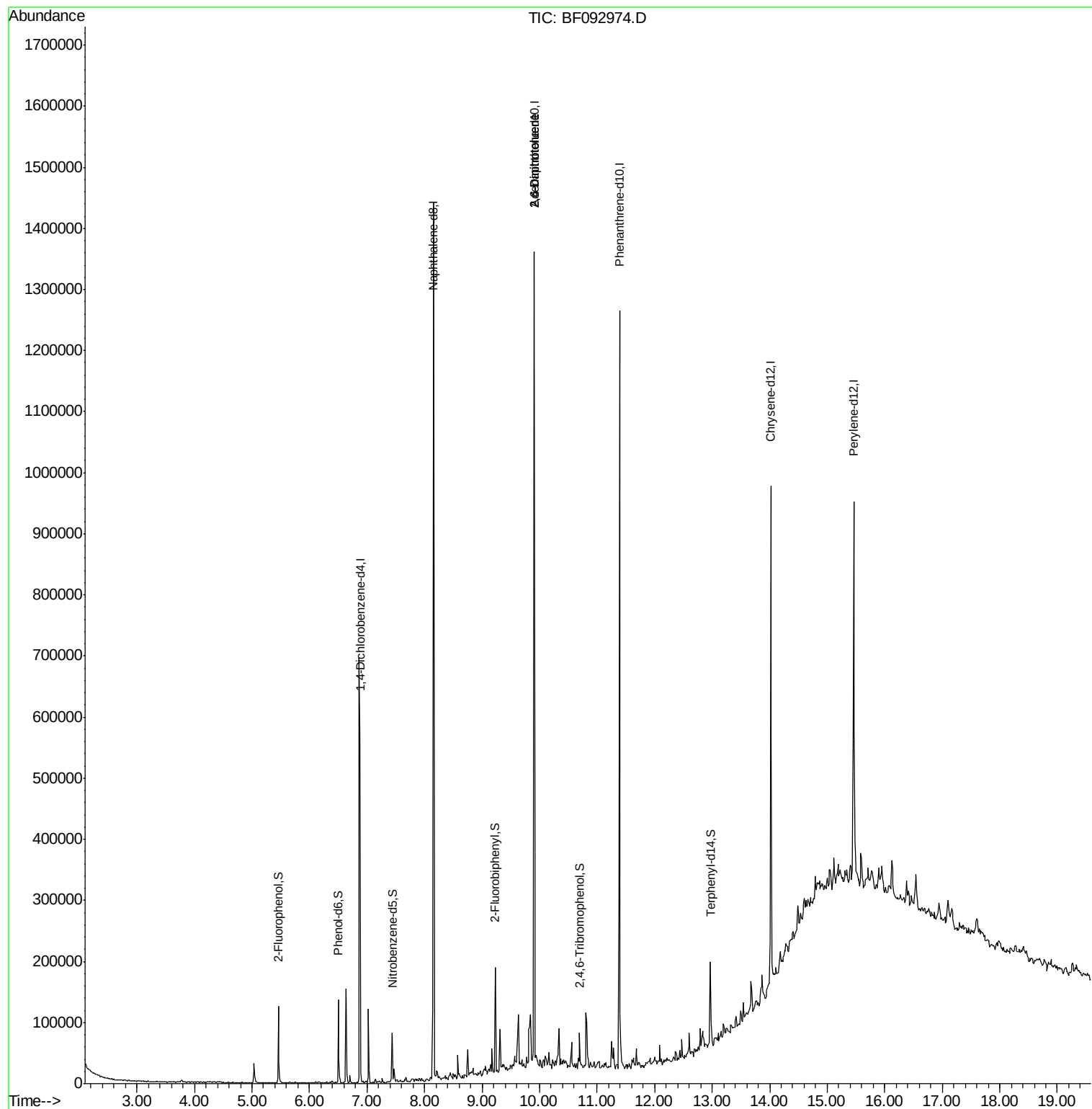
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	145848	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	576289	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	285806	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	443677	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	316161	20.00	ng	-0.03
86) Perylene-d12	15.46	264	279224	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	35616	4.19	ng	-0.02
7) Phenol-d6	6.50	99	45992	4.20	ng	-0.03
23) Nitrobenzene-d5	7.44	82	25666	2.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	5613	2.72	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	50878	3.23	ng	-0.01
78) Terphenyl-d14	12.97	244	35192	2.62	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	9.90	165	37487	9.02	ng	# 31
56) 2,4-Dinitrotoluene	9.90	165	38217	6.90	ng	# 20

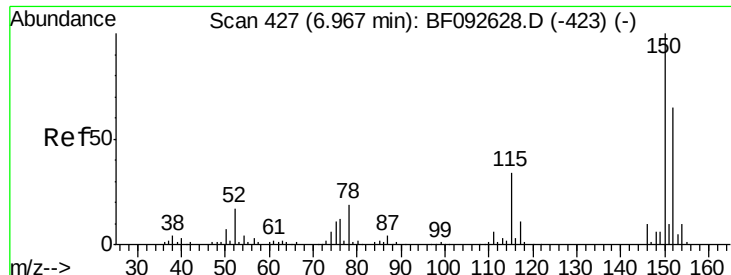
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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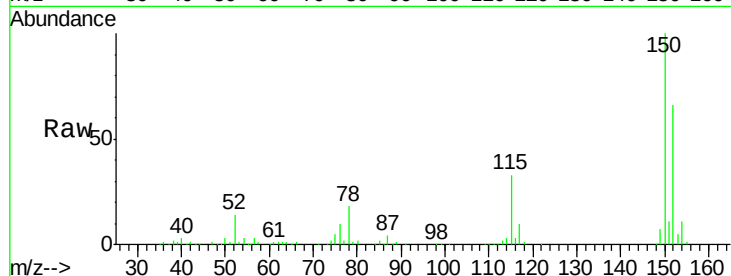




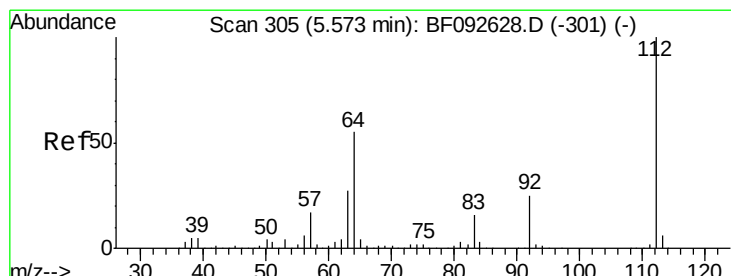
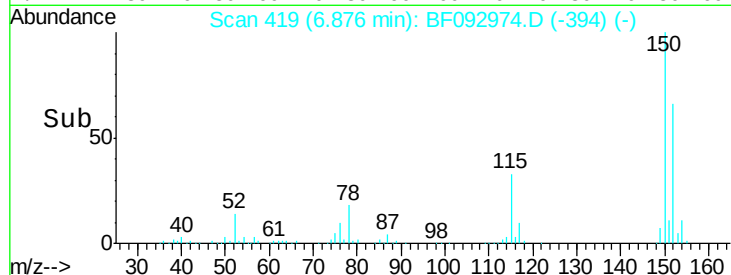
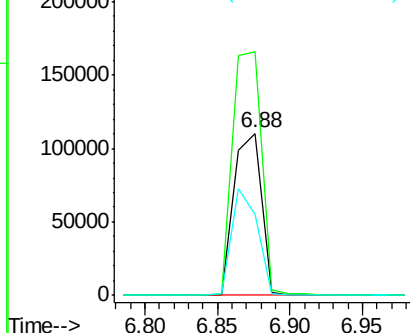
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF092974.D
 Acq: 16 Feb 2017 1:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 145848
 Ion Ratio Lower Upper
 152 100
 150 150.4 124.9 187.3
 115 50.2 46.0 69.0

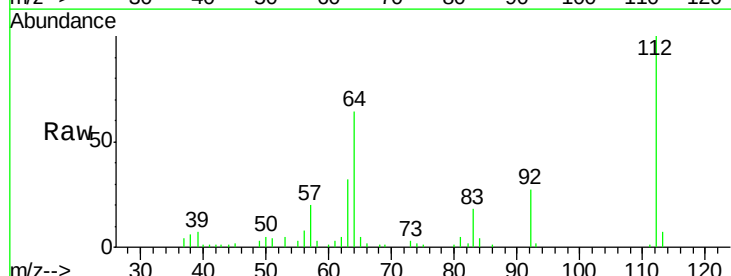


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

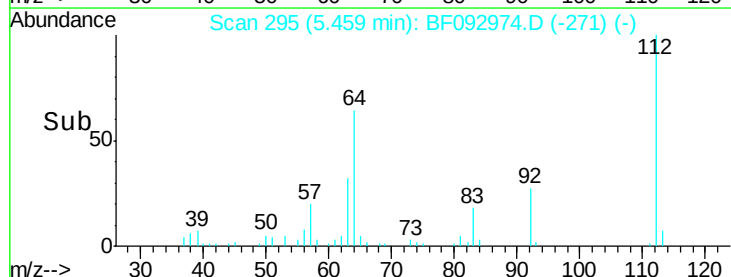
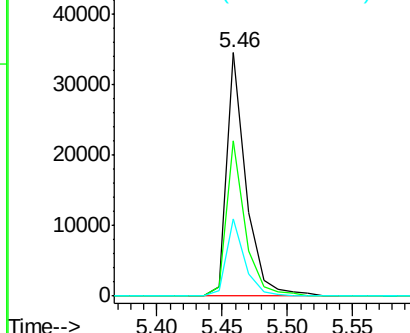


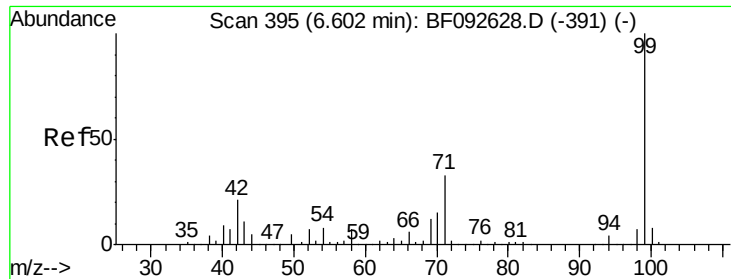
#5
 2-Fluorophenol
 Concen: 4.19 ng
 RT: 5.46 min Scan# 295
 Delta R.T. -0.02 min
 Lab File: BF092974.D
 Acq: 16 Feb 2017 1:53

Tgt Ion:112 Resp: 35616
 Ion Ratio Lower Upper
 112 100
 64 63.7 46.1 69.1
 63 31.7 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: 4.20 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF092974.D

Acq: 16 Feb 2017 1:53

Instrument :

BNA_F

ClientSampleId :

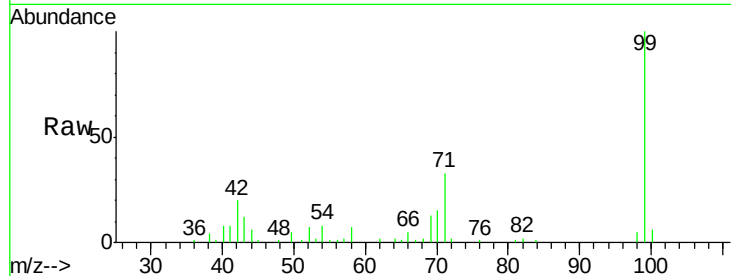
Tot Ion: 99 Resp: 45992

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

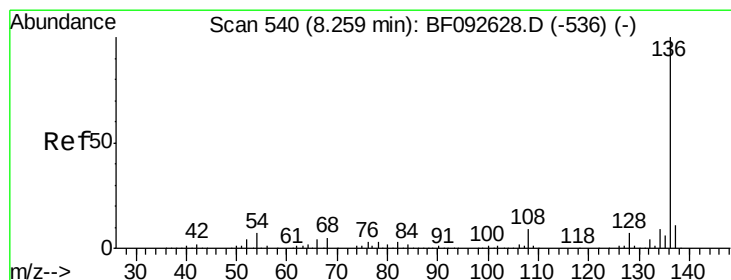
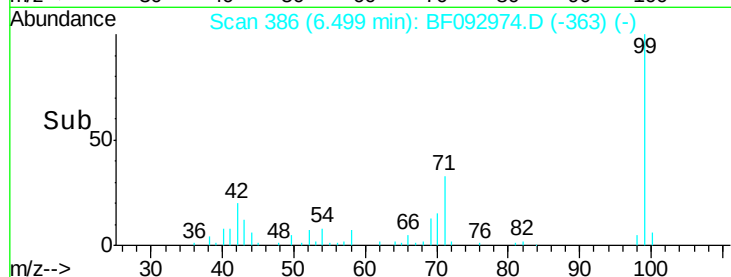
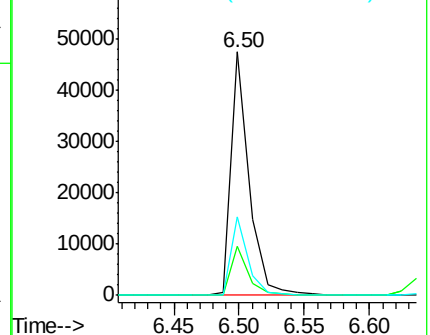
71 32.5 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF092974.D

Acq: 16 Feb 2017 1:53

Tgt Ion: 136 Resp: 576289

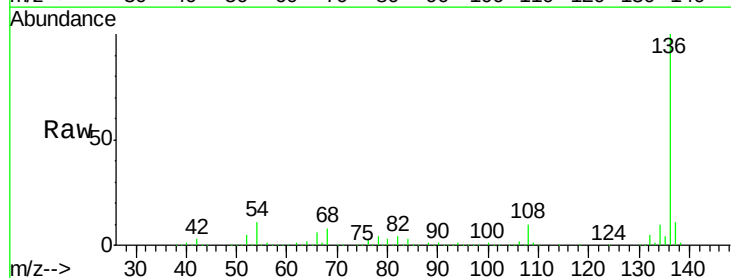
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 11.3 4.5 6.7#

68 7.8 3.6 5.4#

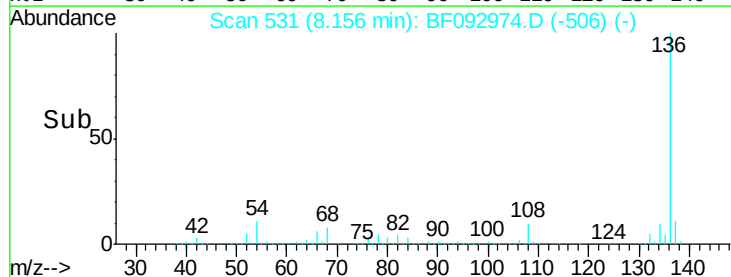
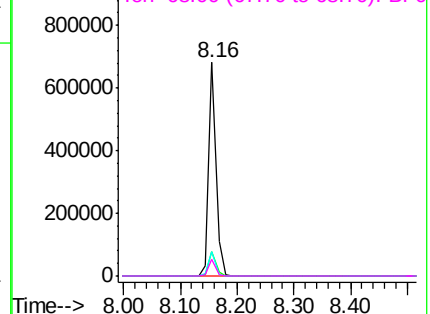


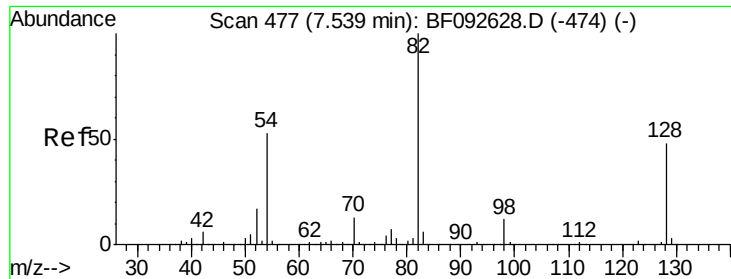
Abundance Ion 136.00 (135.70 to 136.70): E

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

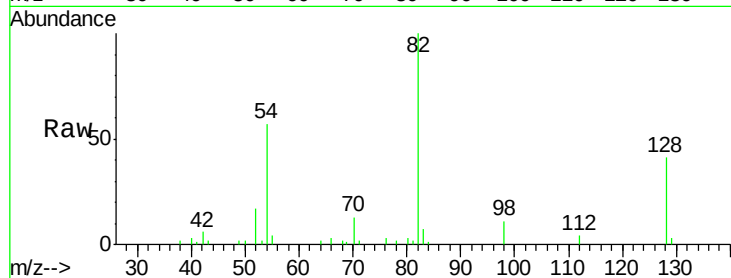




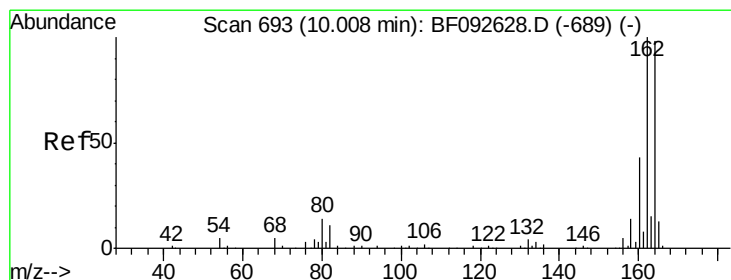
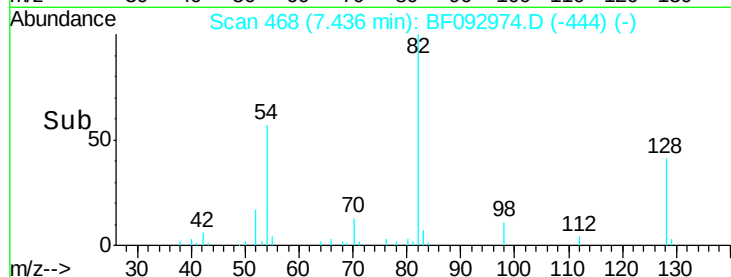
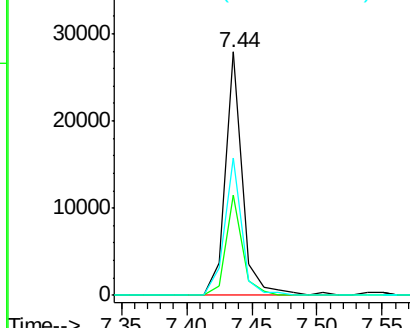
#23
 Nitrobenzene-d5
 Concen: 2.48 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF092974.D
 Acq: 16 Feb 2017 1:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	25666
Ion Ratio	Lower	Upper	
82	100		
128	40.9	34.6	52.0
54	56.6	39.5	59.3

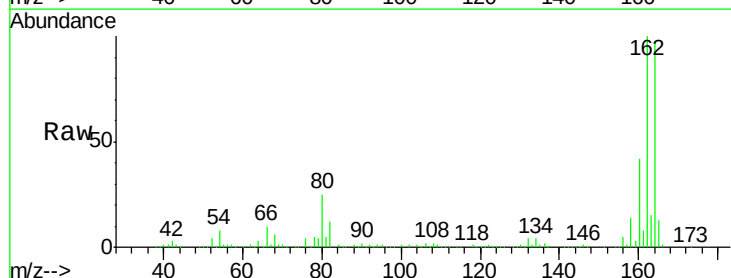


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

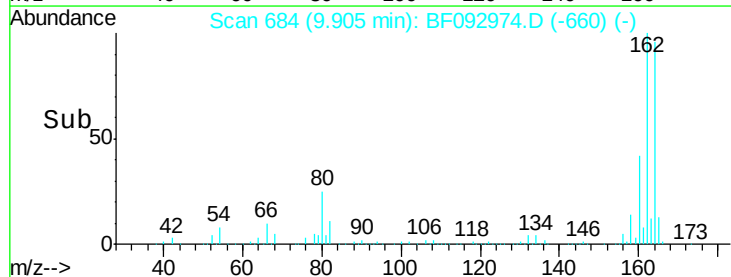
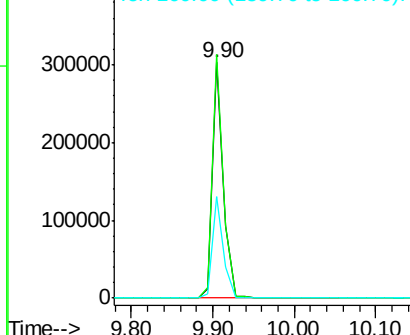


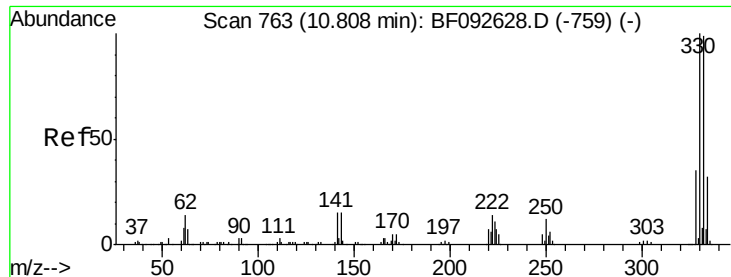
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF092974.D
 Acq: 16 Feb 2017 1:53

Tgt Ion	164	Resp	285806
Ion Ratio	Lower	Upper	
164	100		
162	103.4	80.2	120.2
160	43.4	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

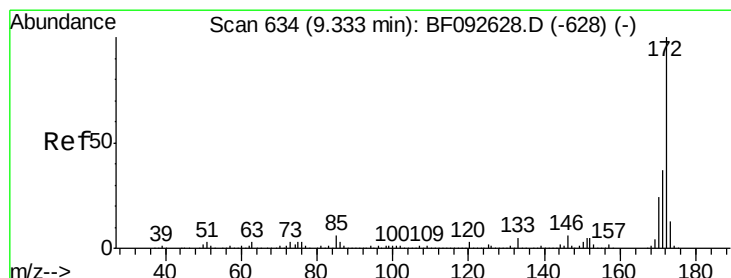
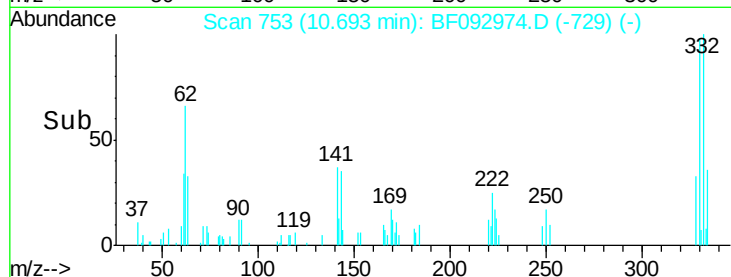
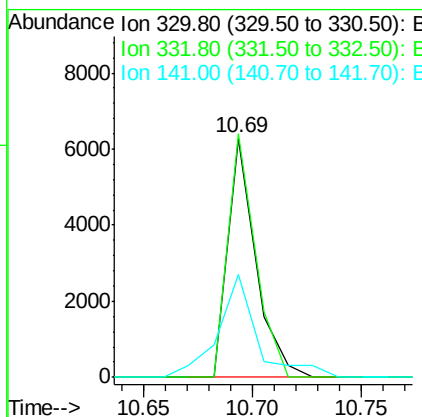
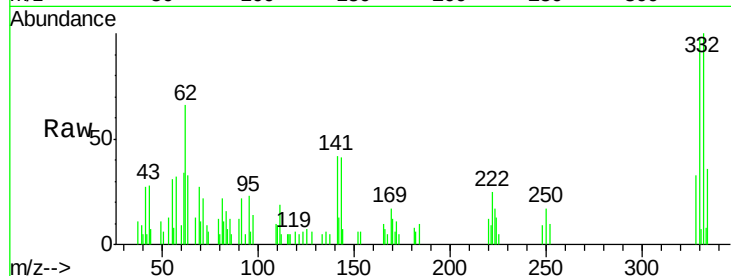




#41
 2,4,6-Tribromophenol
 Concen: 2.72 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF092974.D
 Acq: 16 Feb 2017 1:53

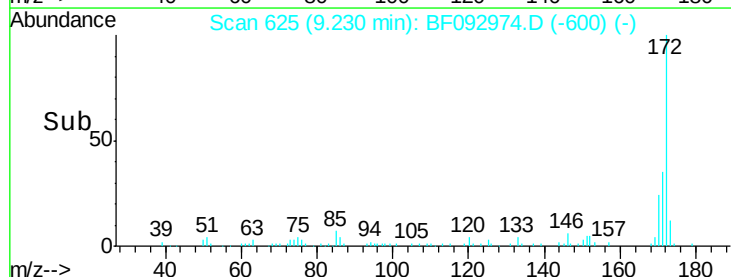
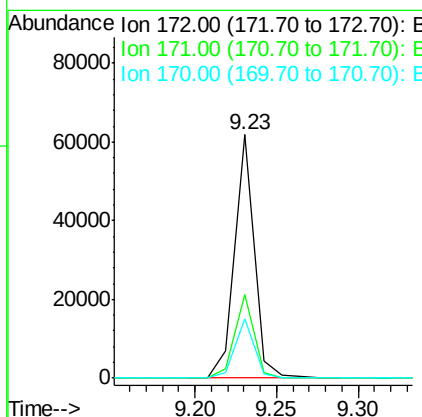
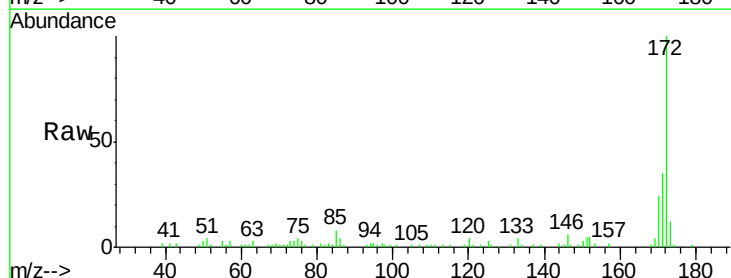
Instrument :
 BNA_F
 ClientSampleId :

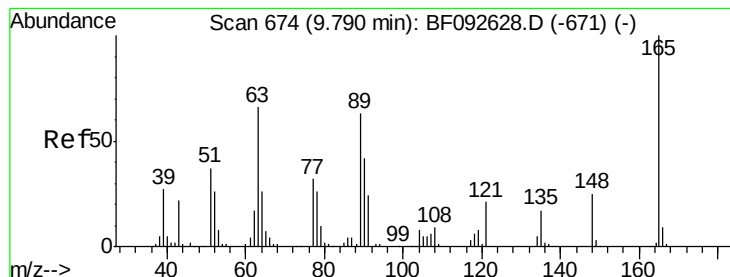
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.4	116.2
141	60.1	34.1	51.1#



#44
 2-Fluorobiphenyl
 Concen: 3.23 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092974.D
 Acq: 16 Feb 2017 1:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.4	44.0
170	24.3	20.2	30.4





#50

2,6-Dinitrotoluene

Concen: 9.02 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.19 min

Lab File: BF092974.D

Acq: 16 Feb 2017 1:53

Instrument :

BNA_F

ClientSampleId :

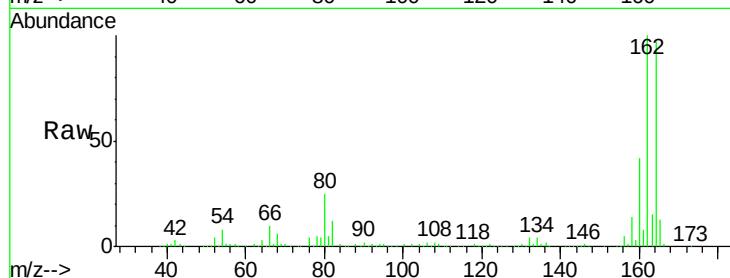
Tot Ion:165 Resp: 37487

Ion Ratio Lower Upper

165 100

63 1.4 36.2 54.4#

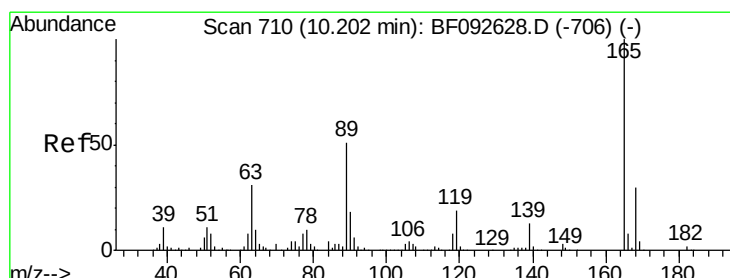
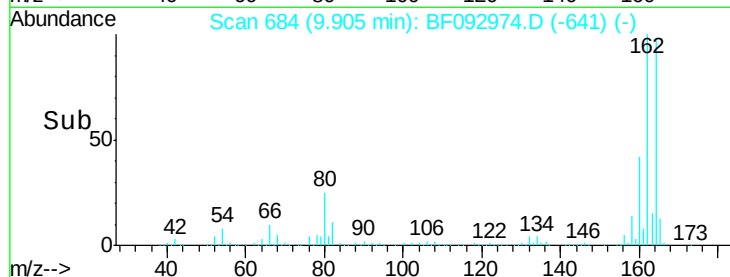
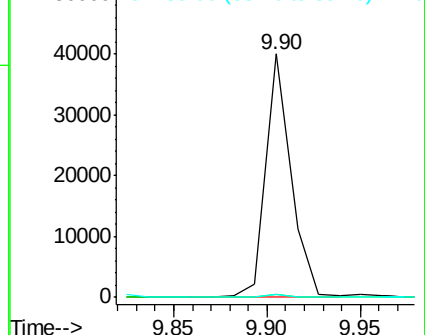
89 1.4 40.2 60.4#



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



#56

2,4-Dinitrotoluene

Concen: 6.90 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.22 min

Lab File: BF092974.D

Acq: 16 Feb 2017 1:53

Tgt Ion:165 Resp: 38217

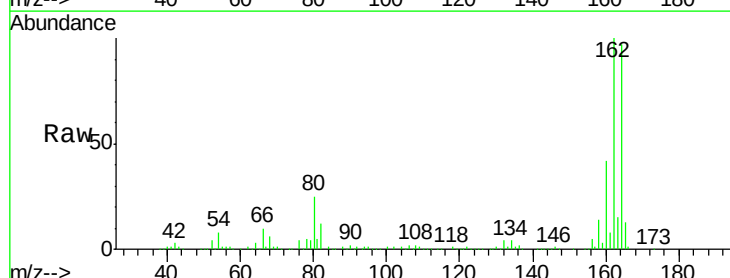
Ion Ratio Lower Upper

165 100

63 1.4 40.2 60.4#

89 1.4 62.5 93.7#

182 0.0 1.8 2.8#

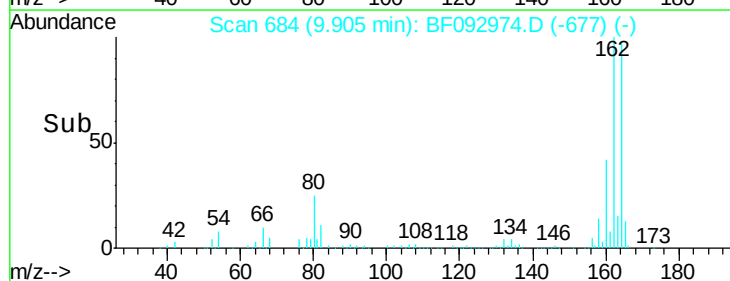
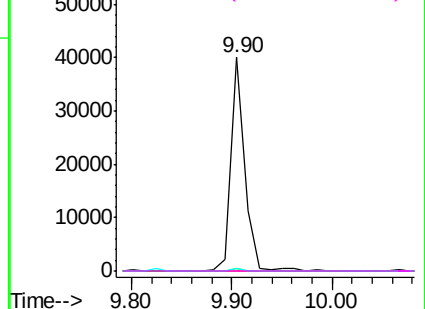


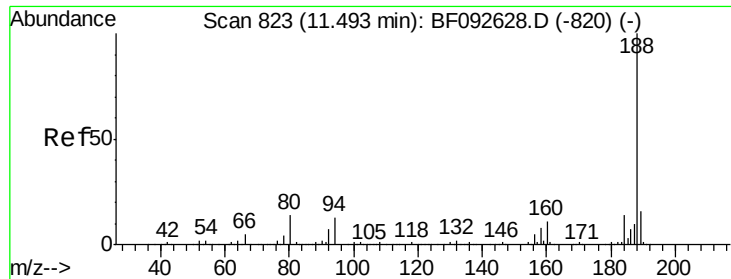
Abundance Ion 165.00 (164.70 to 165.70): E

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF092974.D

Acq: 16 Feb 2017 1:53

Instrument :
BNA_F
ClientSampleId :

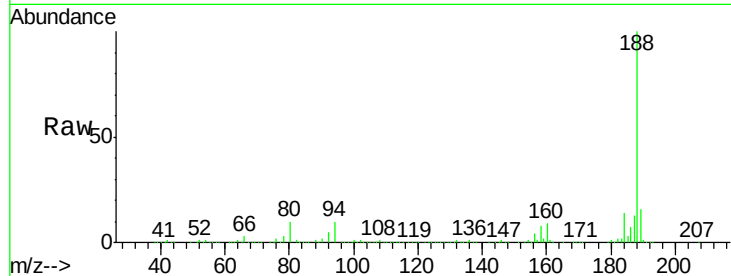
Tot Ion:188 Resp: 443677

Ion Ratio Lower Upper

188 100

94 10.0 10.0 15.0

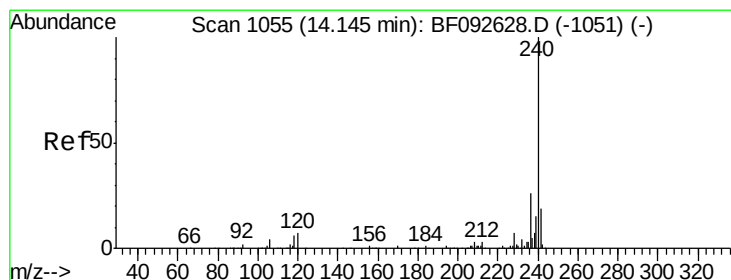
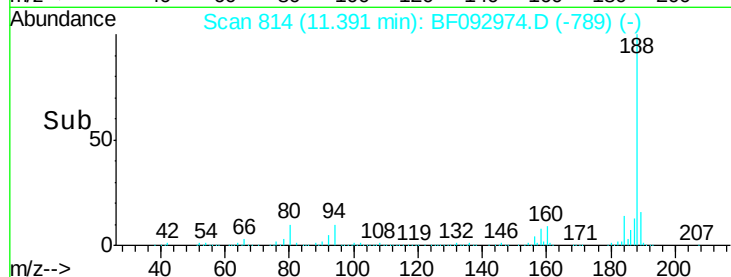
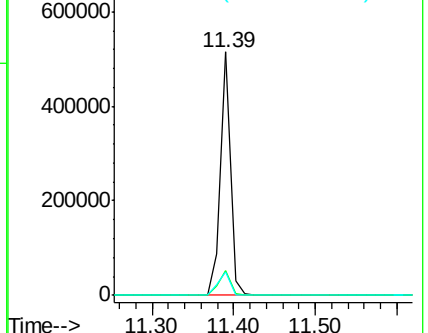
80 9.8 11.2 16.8#



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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF092974.D

Acq: 16 Feb 2017 1:53

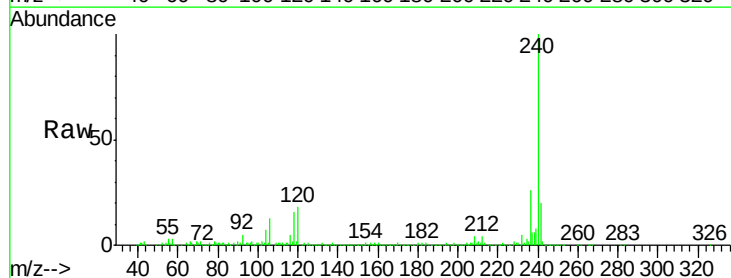
Tgt Ion:240 Resp: 316161

Ion Ratio Lower Upper

240 100

120 18.1 12.9 19.3

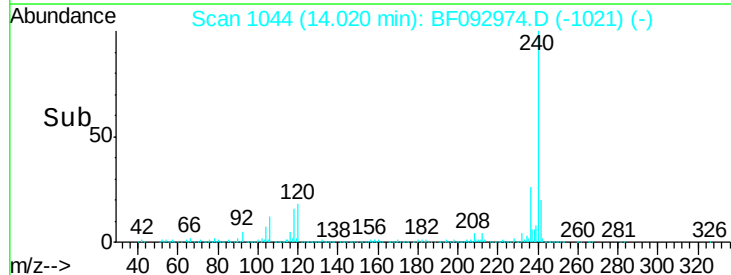
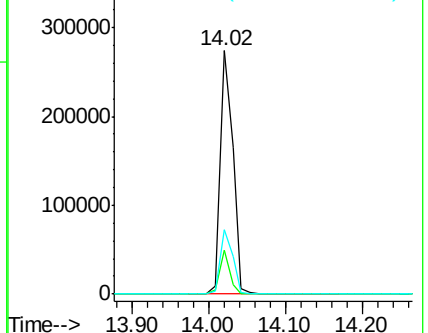
236 26.3 20.9 31.3

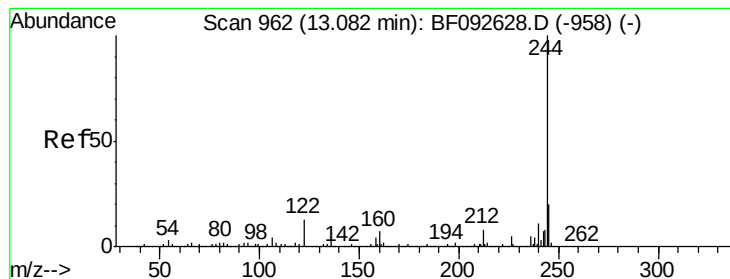


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 2.62 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF092974.D

Acq: 16 Feb 2017 1:53

Instrument :

BNA_F

ClientSampleId :

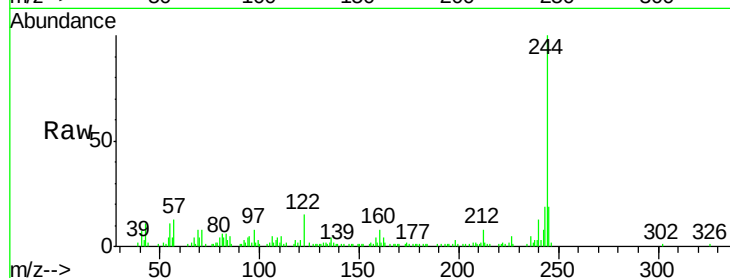
Tot Ion:244 Resp: 35192

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

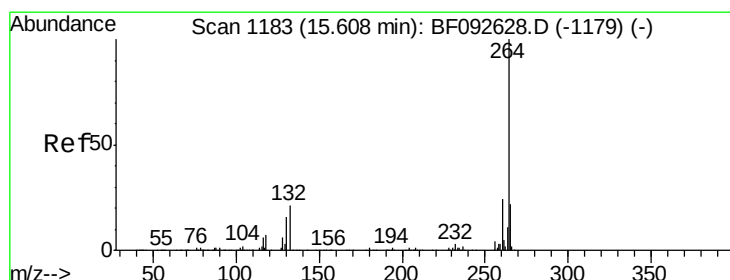
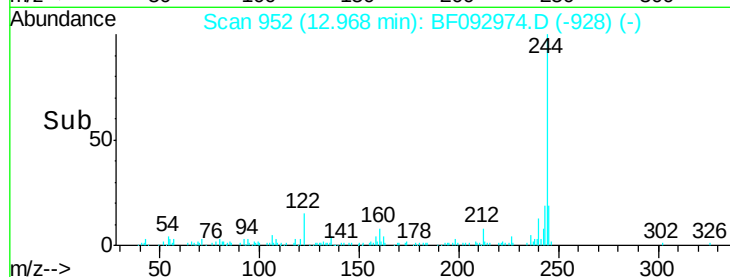
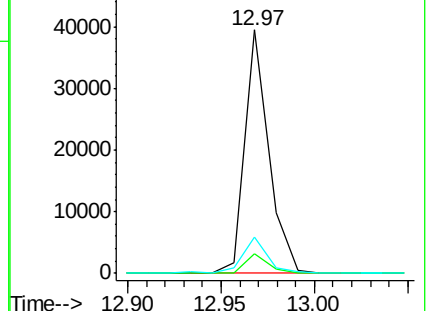
122 14.8 11.4 17.2



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: 15.46 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF092974.D

Acq: 16 Feb 2017 1:53

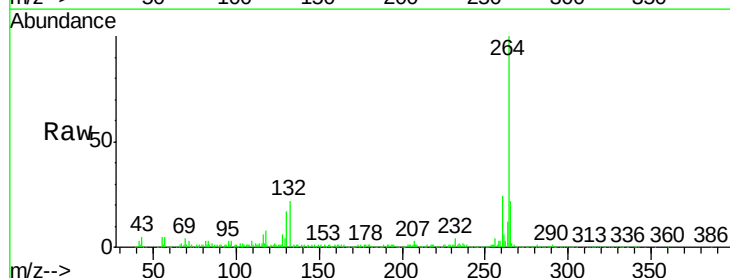
Tgt Ion:264 Resp: 279224

Ion Ratio Lower Upper

264 100

260 24.2 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

