

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085317.D
 Acq On : 9 Mar 2016 23:58
 Operator : UM/SJ
 Sample : H1724-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-FD-3-8-16

Quant Time: Mar 10 01:14:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

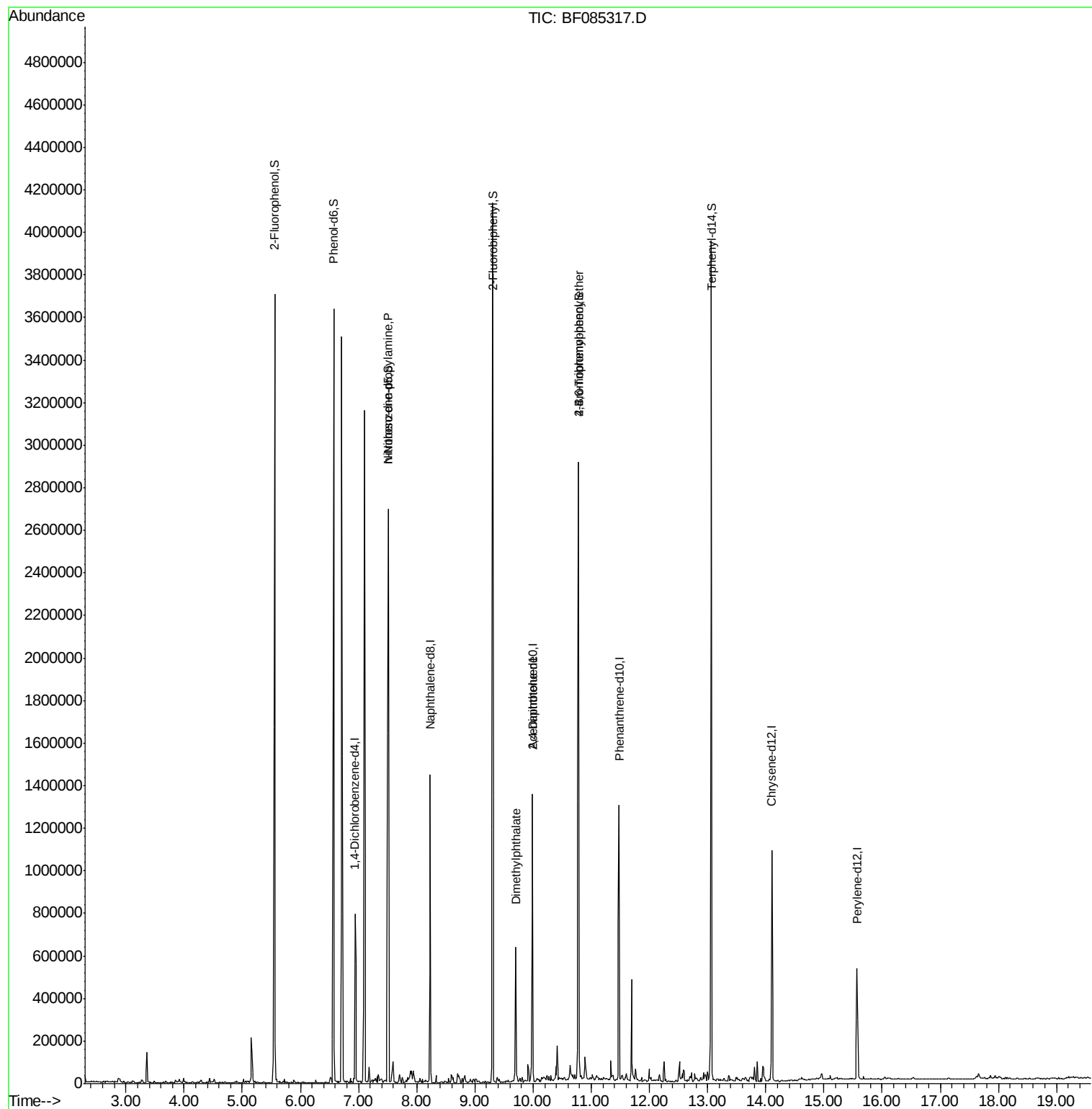
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	152001	20.00	ng	-0.05
21) Naphthalene-d8	8.23	136	694325	20.00	ng	-0.03
38) Acenaphthene-d10	9.99	164	323314	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	581127	20.00	ng	-0.03
75) Chrysene-d12	14.11	240	379192	20.00	ng	-0.05
86) Perylene-d12	15.57	264	245854	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1148841	126.78	ng	-0.02
7) Phenol-d6	6.57	99	1480586	124.71	ng	-0.03
23) Nitrobenzene-d5	7.51	82	1110371	85.58	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	379036	137.01	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1570647	73.88	ng	-0.05
78) Terphenyl-d14	13.07	244	1503796	92.06	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	148020	19.13	ng	# 75
49) Dimethylphthalate	9.70	163	395974	15.96	ng	98
56) 2,4-Dinitrotoluene	9.99	165	41292	6.08	ng	# 22
66) 4-Bromophenyl-phenylether	10.78	248	26915	4.77	ng	# 1

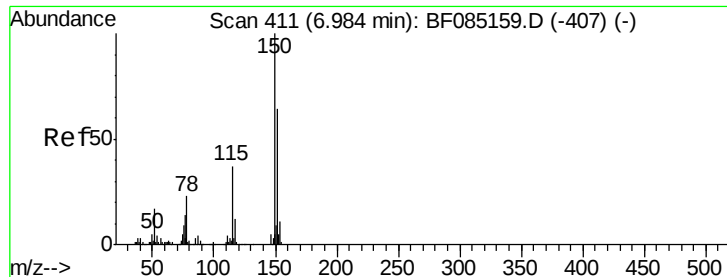
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF085317.D

Acq: 9 Mar 2016 23:58

Instrument :

BNA_F

ClientSampleId :

UST-FD-3-8-16

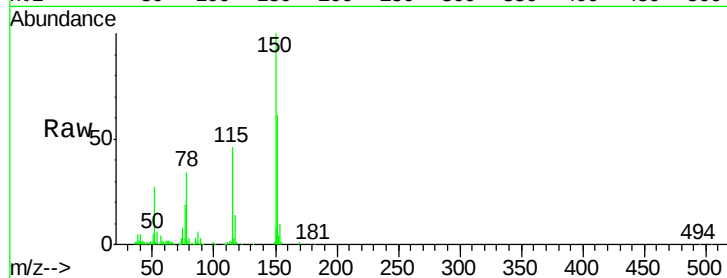
Tgt Ion:152 Resp: 152001

Ion Ratio Lower Upper

152 100

150 163.6 124.6 186.8

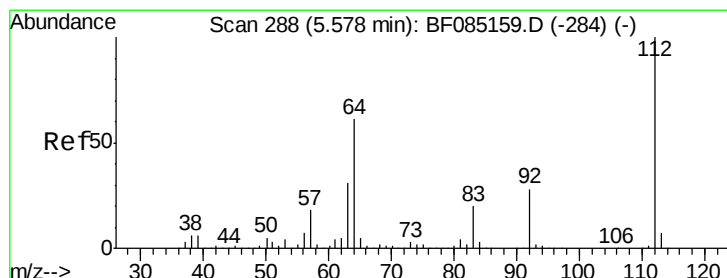
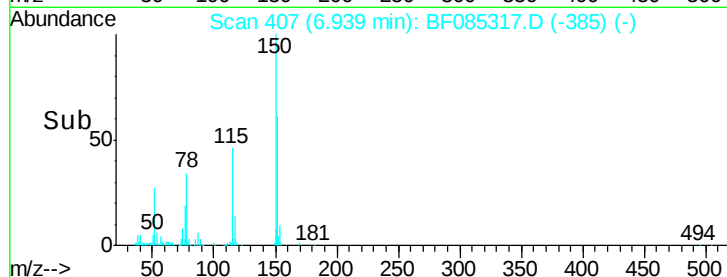
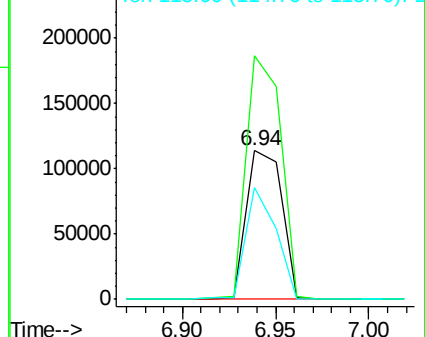
115 75.5 46.6 70.0#



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: 126.78 ng

RT: 5.56 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF085317.D

Acq: 9 Mar 2016 23:58

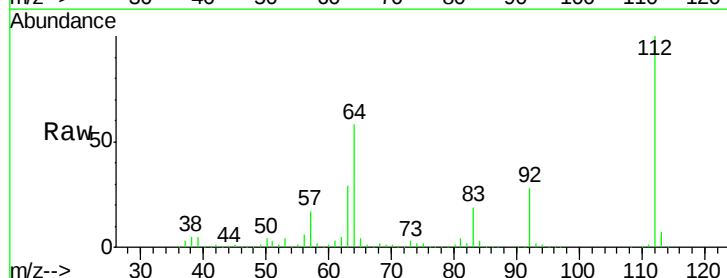
Tgt Ion:112 Resp: 1148841

Ion Ratio Lower Upper

112 100

64 58.0 49.0 73.4

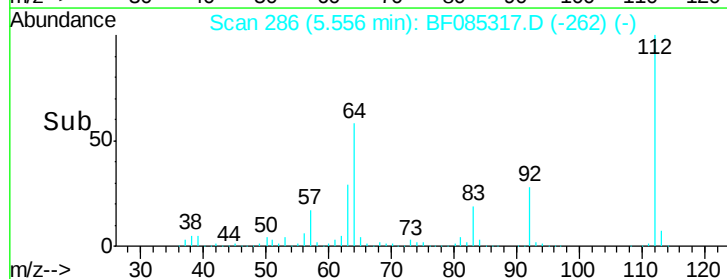
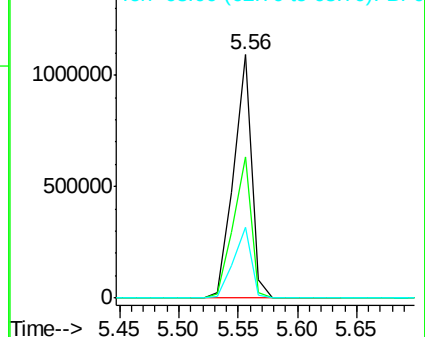
63 28.9 24.8 37.2

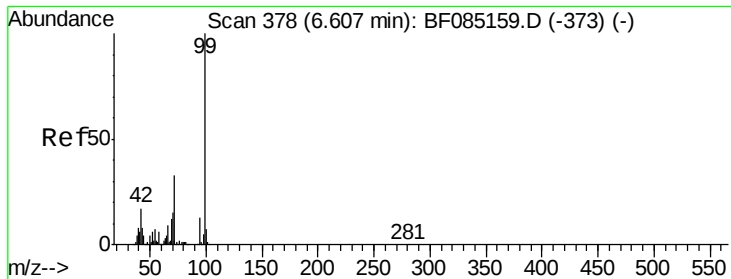


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.71 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085317.D

Acq: 9 Mar 2016 23:58

Instrument :

BNA_F

ClientSampleId :

UST-FD-3-8-16

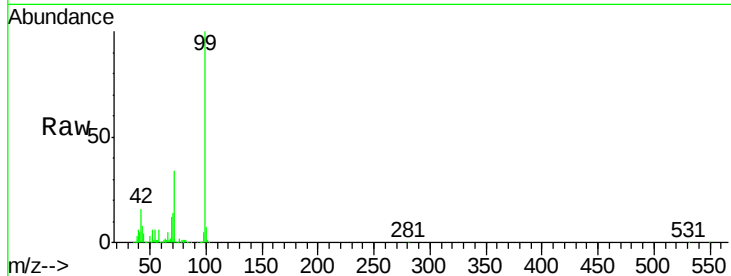
Tgt Ion: 99 Resp: 1480586

Ion Ratio Lower Upper

99 100

42 15.6 13.6 20.4

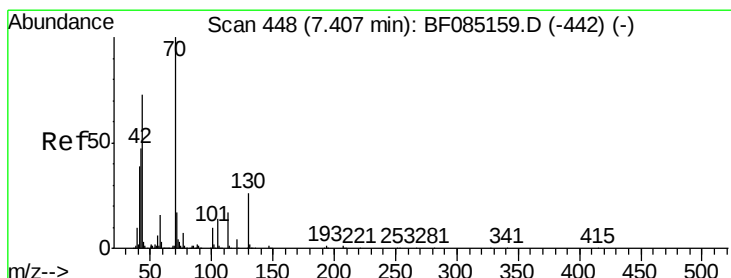
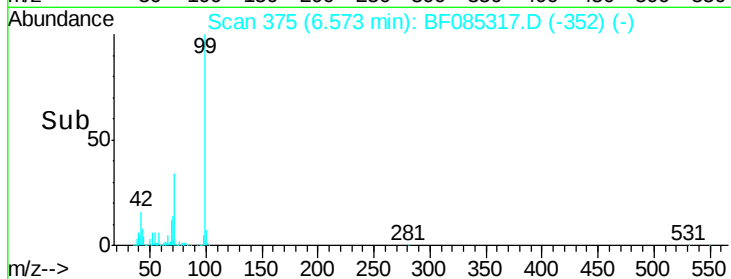
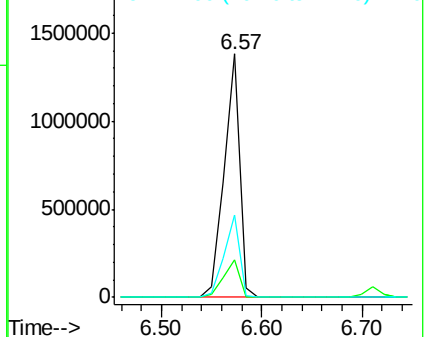
71 33.7 26.7 40.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 19.13 ng

RT: 7.51 min Scan# 457

Delta R.T. 0.10 min

Lab File: BF085317.D

Acq: 9 Mar 2016 23:58

Tgt Ion: 70 Resp: 148020

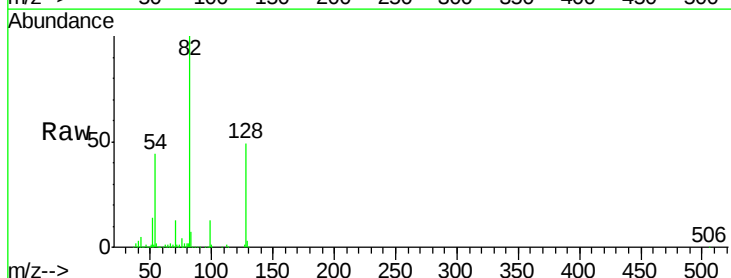
Ion Ratio Lower Upper

70 100

42 38.3 37.7 56.5

101 0.0 8.2 12.4#

130 2.3 20.5 30.7#

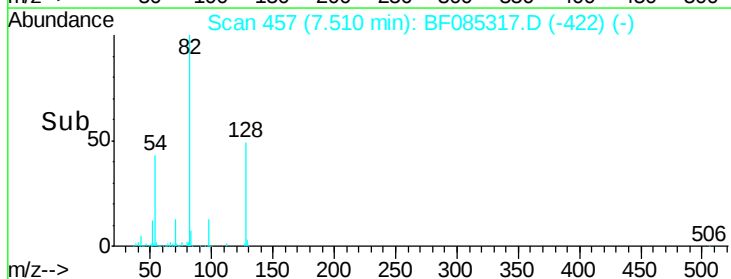
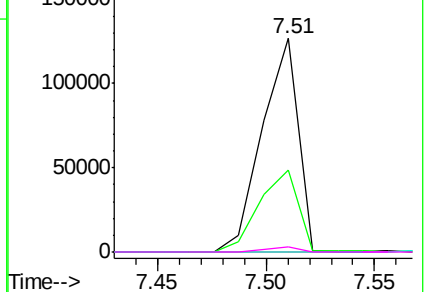


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF085317.D

Acq: 9 Mar 2016 23:58

Instrument :

BNA_F

ClientSampleId :

UST-FD-3-8-16

Tgt Ion:136 Resp: 694325

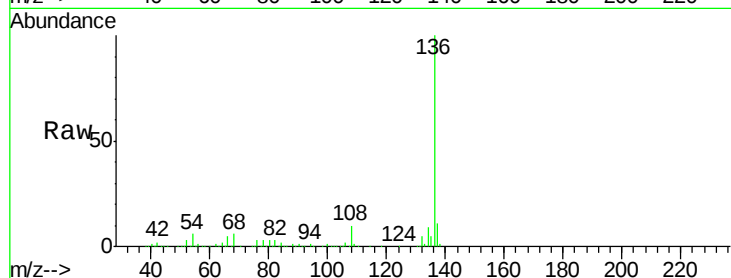
Ion Ratio Lower Upper

136 100

137 10.9 9.3 13.9

54 6.4 7.4 11.2#

68 5.5 6.0 9.0#

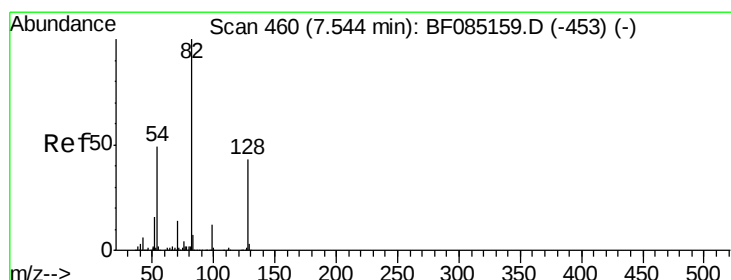
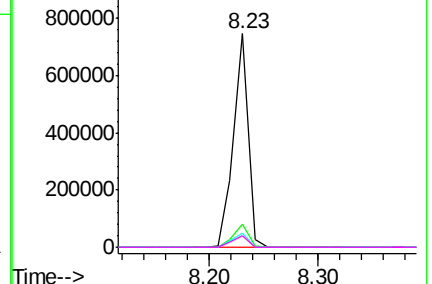
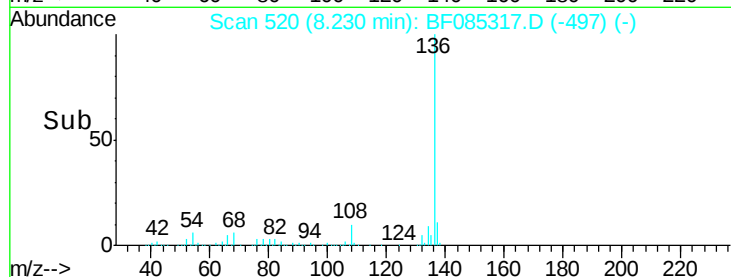


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.58 ng

RT: 7.51 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF085317.D

Acq: 9 Mar 2016 23:58

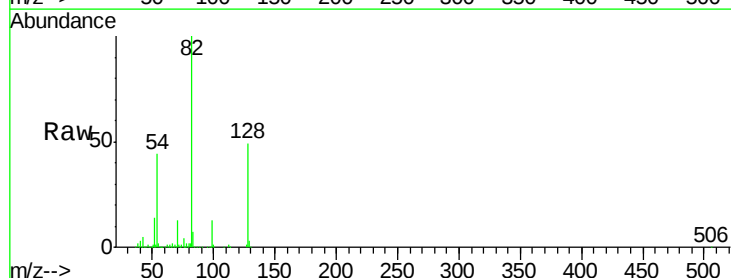
Tgt Ion: 82 Resp: 1110371

Ion Ratio Lower Upper

82 100

128 48.9 34.5 51.7

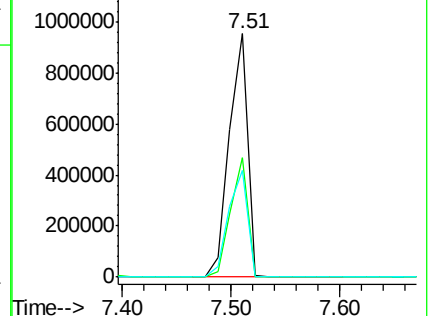
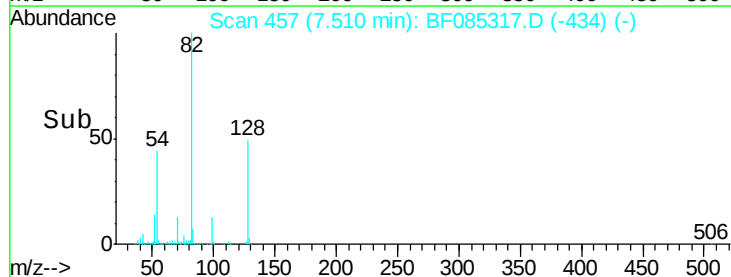
54 43.8 39.3 58.9

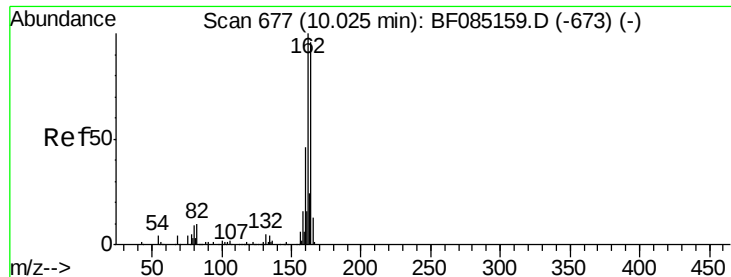


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.99 min Scan# 674

Delta R.T. -0.03 min

Lab File: BF085317.D

Acq: 9 Mar 2016 23:58

Instrument :

BNA_F

ClientSampleId :

UST-FD-3-8-16

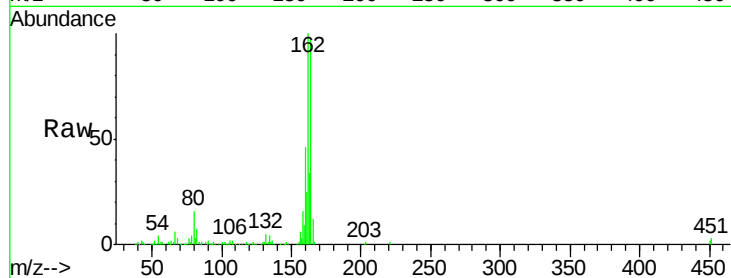
Tgt Ion:164 Resp: 323314

Ion Ratio Lower Upper

164 100

162 103.2 83.3 124.9

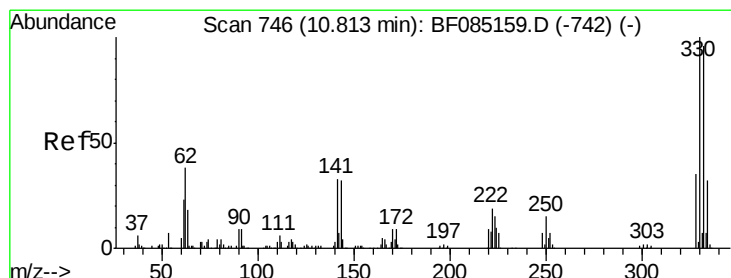
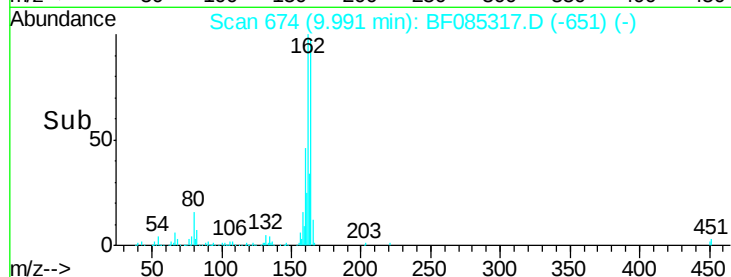
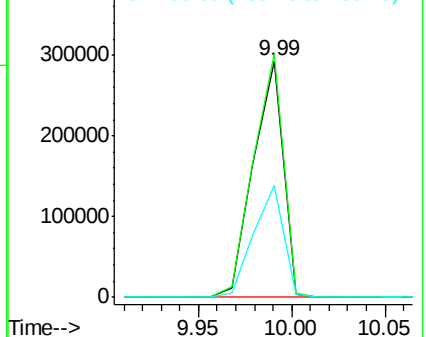
160 47.3 37.9 56.9



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: 137.01 ng

RT: 10.78 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF085317.D

Acq: 9 Mar 2016 23:58

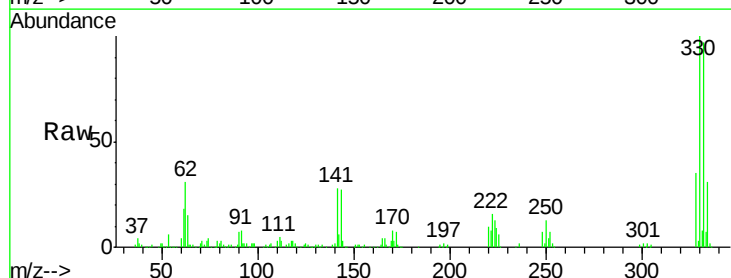
Tgt Ion:330 Resp: 379036

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

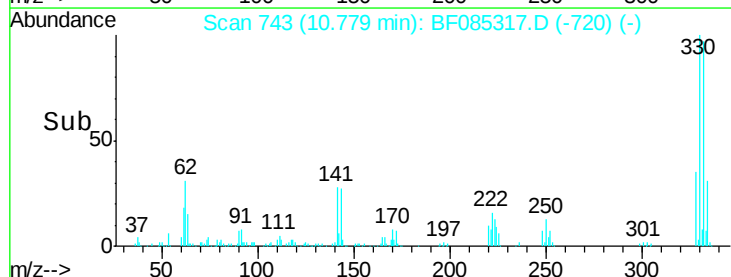
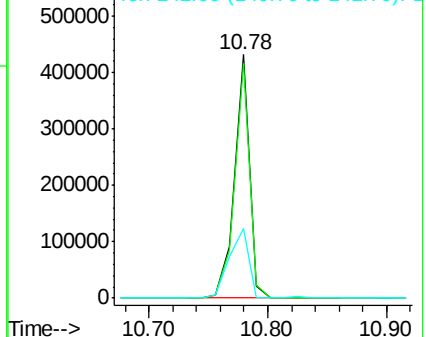
141 37.1 35.0 52.6

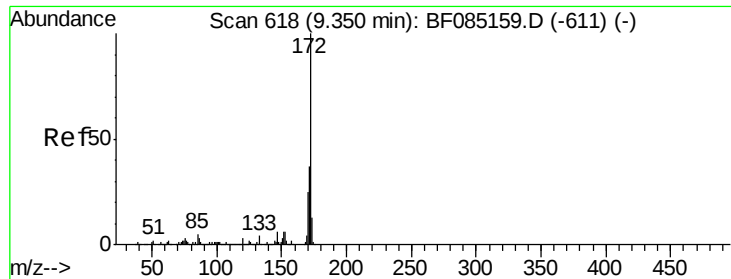


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 73.88 ng

RT: 9.30 min Scan# 614

Delta R.T. -0.05 min

Lab File: BF085317.D

Acq: 9 Mar 2016 23:58

Instrument :

BNA_F

ClientSampleId :

UST-FD-3-8-16

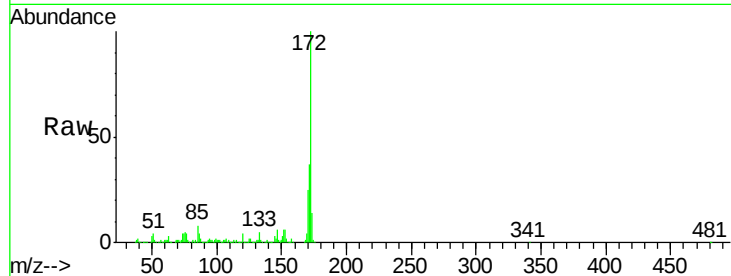
Tgt Ion:172 Resp: 1570647

Ion Ratio Lower Upper

172 100

171 36.8 29.3 43.9

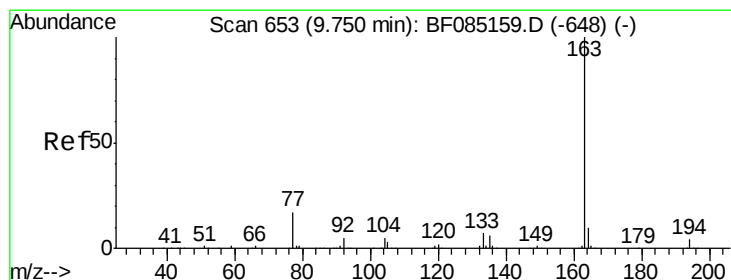
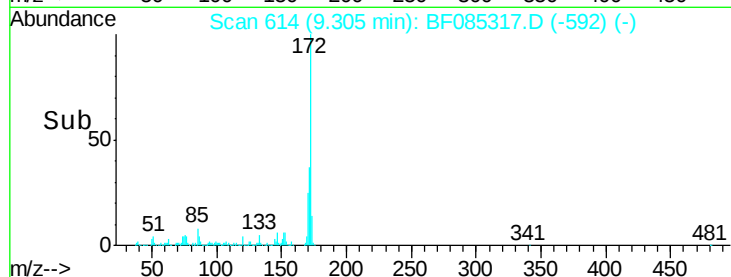
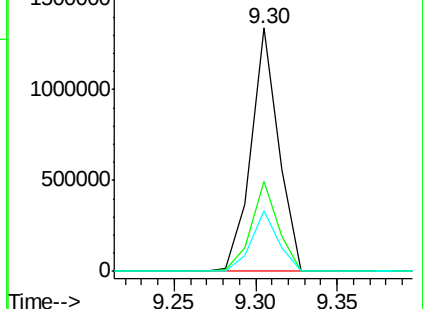
170 24.8 20.0 30.0



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



#49

Dimethylphthalate

Concen: 15.96 ng

RT: 9.70 min Scan# 649

Delta R.T. -0.05 min

Lab File: BF085317.D

Acq: 9 Mar 2016 23:58

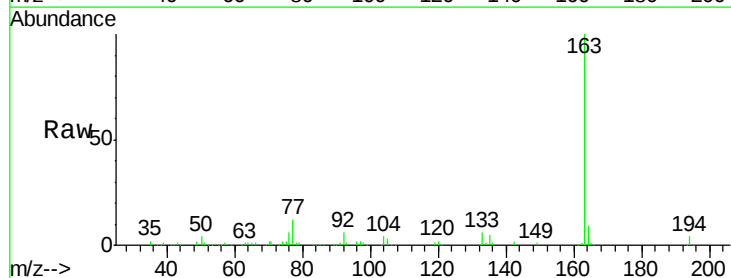
Tgt Ion:163 Resp: 395974

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

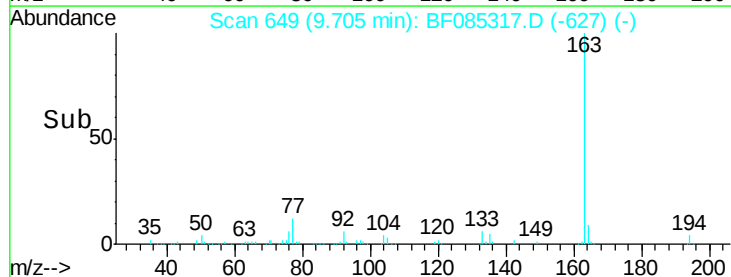
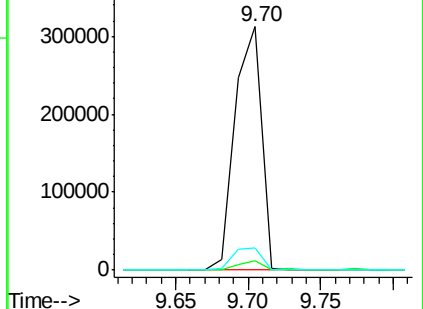
164 9.1 8.2 12.4

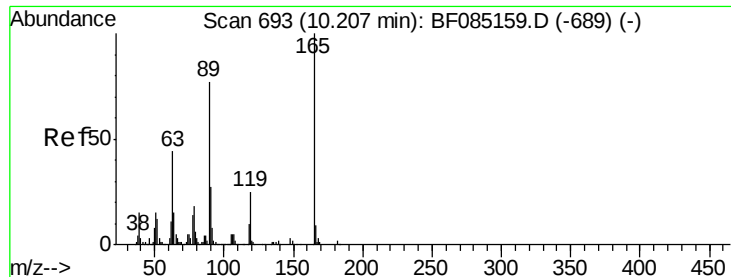


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

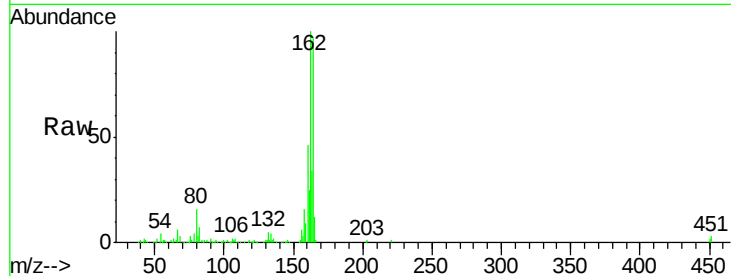




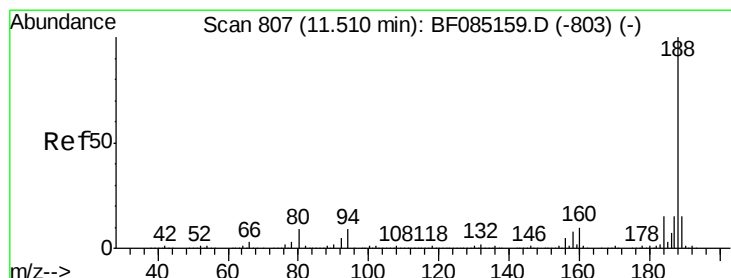
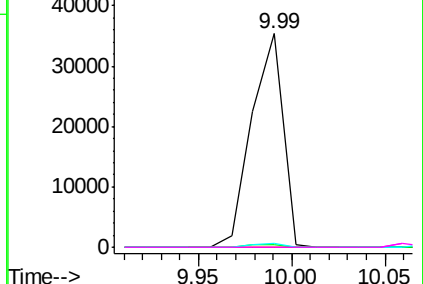
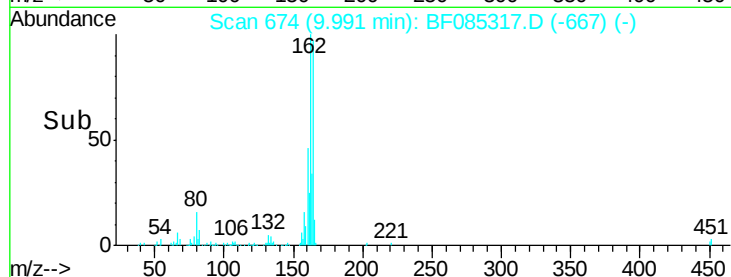
#56
 2,4-Dinitrotoluene
 Concen: 6.08 ng
 RT: 9.99 min Scan# 674
 Delta R.T. -0.22 min
 Lab File: BF085317.D
 Acq: 9 Mar 2016 23:58

Instrument :
 BNA_F
 ClientSampleId :
 UST-FD-3-8-16

Tgt Ion:165 Resp: 41292
 Ion Ratio Lower Upper
 165 100
 63 1.4 35.4 53.0#
 89 1.9 61.9 92.9#
 182 0.0 1.9 2.9#

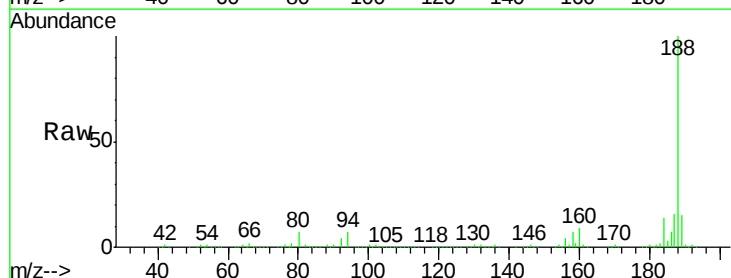


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

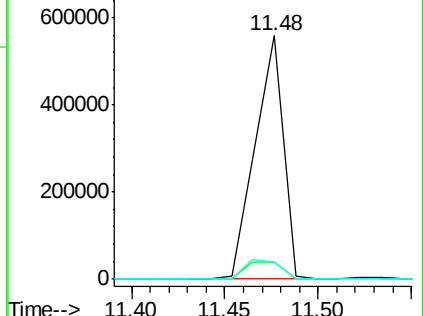
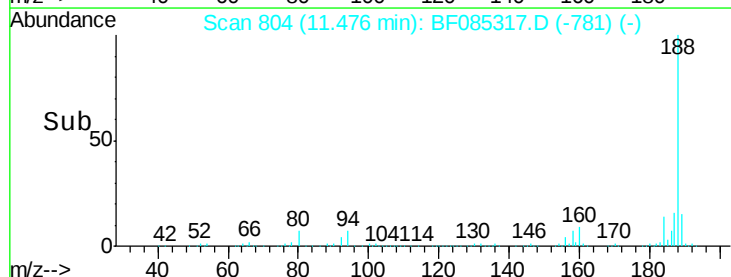


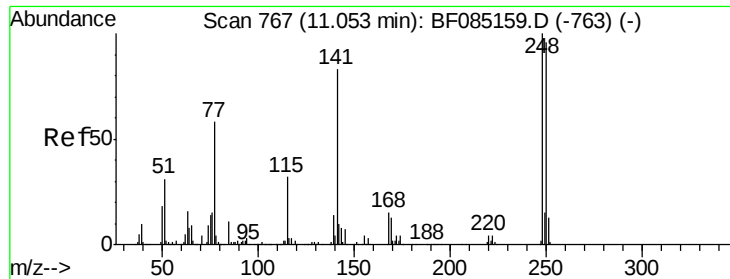
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF085317.D
 Acq: 9 Mar 2016 23:58

Tgt Ion:188 Resp: 581127
 Ion Ratio Lower Upper
 188 100
 94 7.1 7.0 10.6
 80 7.2 7.4 11.0#



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





#66

4-Bromophenyl-phenylether

Concen: 4.77 ng

RT: 10.78 min Scan# 743

Delta R.T. -0.27 min

Lab File: BF085317.D

Acq: 9 Mar 2016 23:58

Instrument :

BNA_F

ClientSampleId :

UST-FD-3-8-16

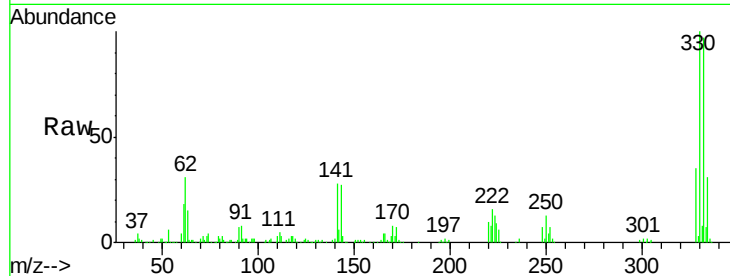
Tgt Ion:248 Resp: 26915

Ion Ratio Lower Upper

248 100

250 199.4 77.1 115.7#

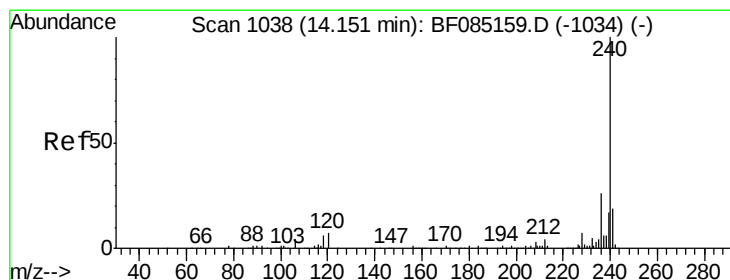
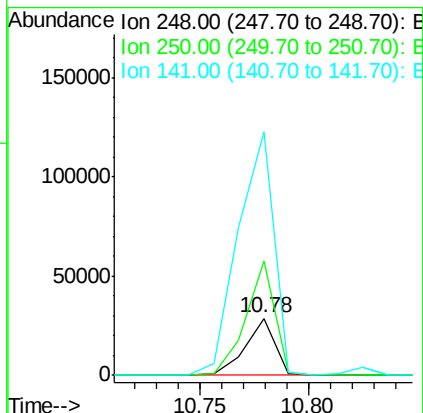
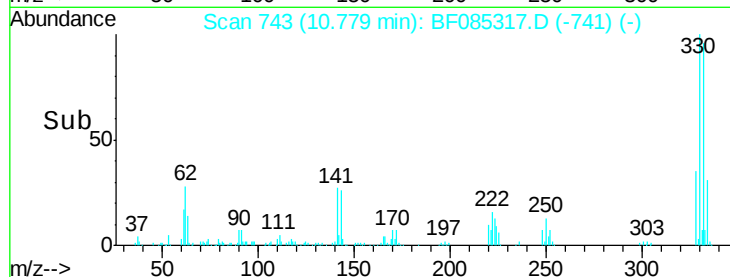
141 426.7 66.2 99.2#



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: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085317.D

Acq: 9 Mar 2016 23:58

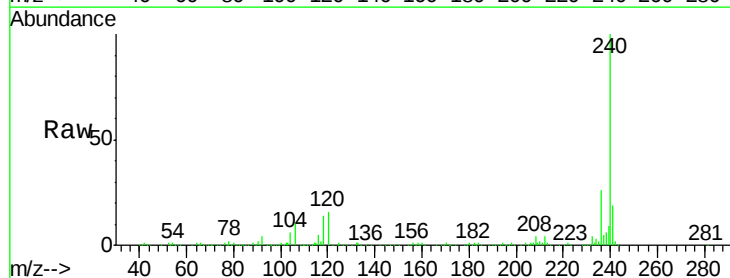
Tgt Ion:240 Resp: 379192

Ion Ratio Lower Upper

240 100

120 16.1 5.3 7.9#

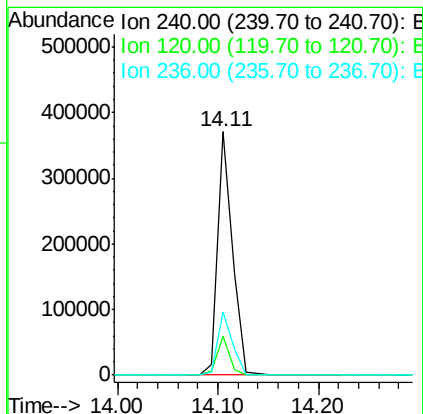
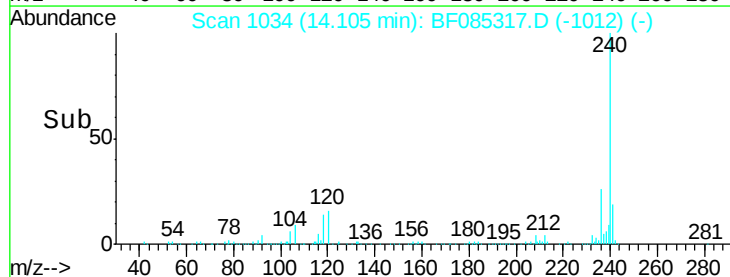
236 25.9 20.7 31.1

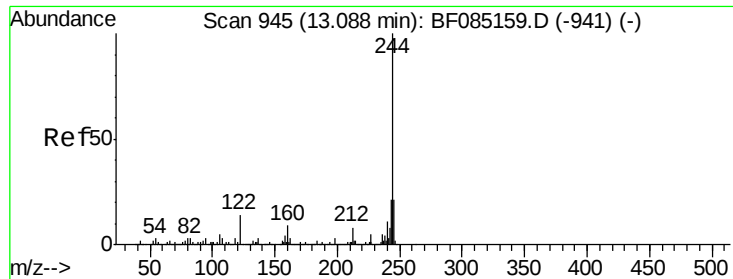


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

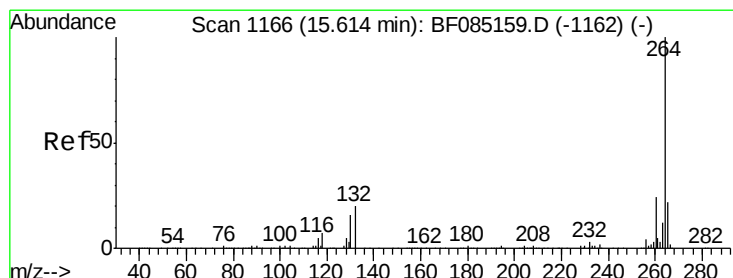
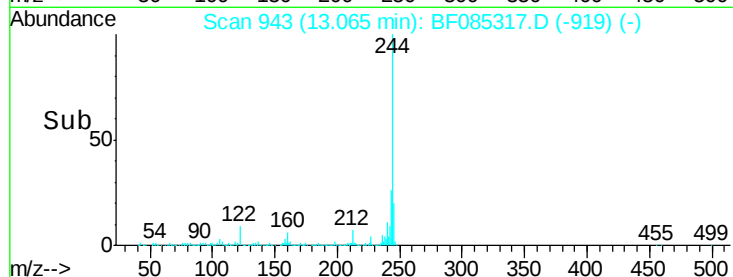
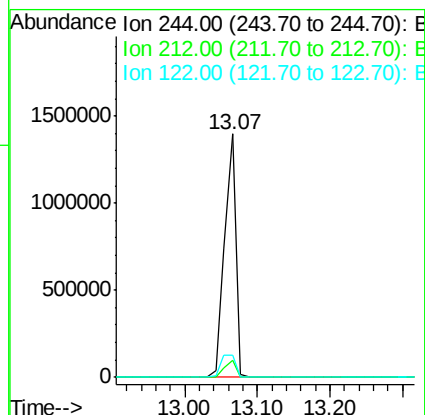
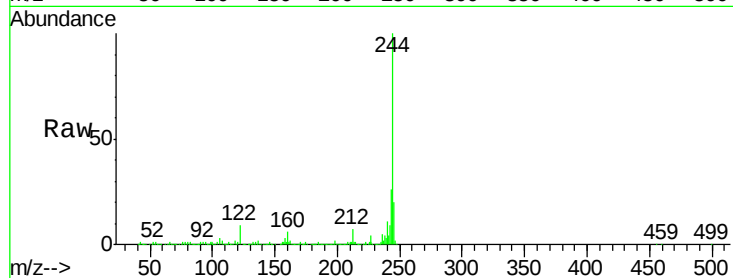




#78
 Terphenyl-d14
 Concen: 92.06 ng
 RT: 13.07 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF085317.D
 Acq: 9 Mar 2016 23:58

Instrument :
 BNA_F
 ClientSampleId :
 UST-FD-3-8-16

Tgt Ion:244 Resp: 1503796
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.4 9.6
 122 9.1 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1162
 Delta R.T. -0.05 min
 Lab File: BF085317.D
 Acq: 9 Mar 2016 23:58

Tgt Ion:264 Resp: 245854
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.2 17.3 25.9

