

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
 Data File : BF083378.D
 Acq On : 1 Dec 2015 17:55
 Operator : UM/IZ
 Sample : G4561-12
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB17A(6-6.5)

Quant Time: Dec 02 03:12:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

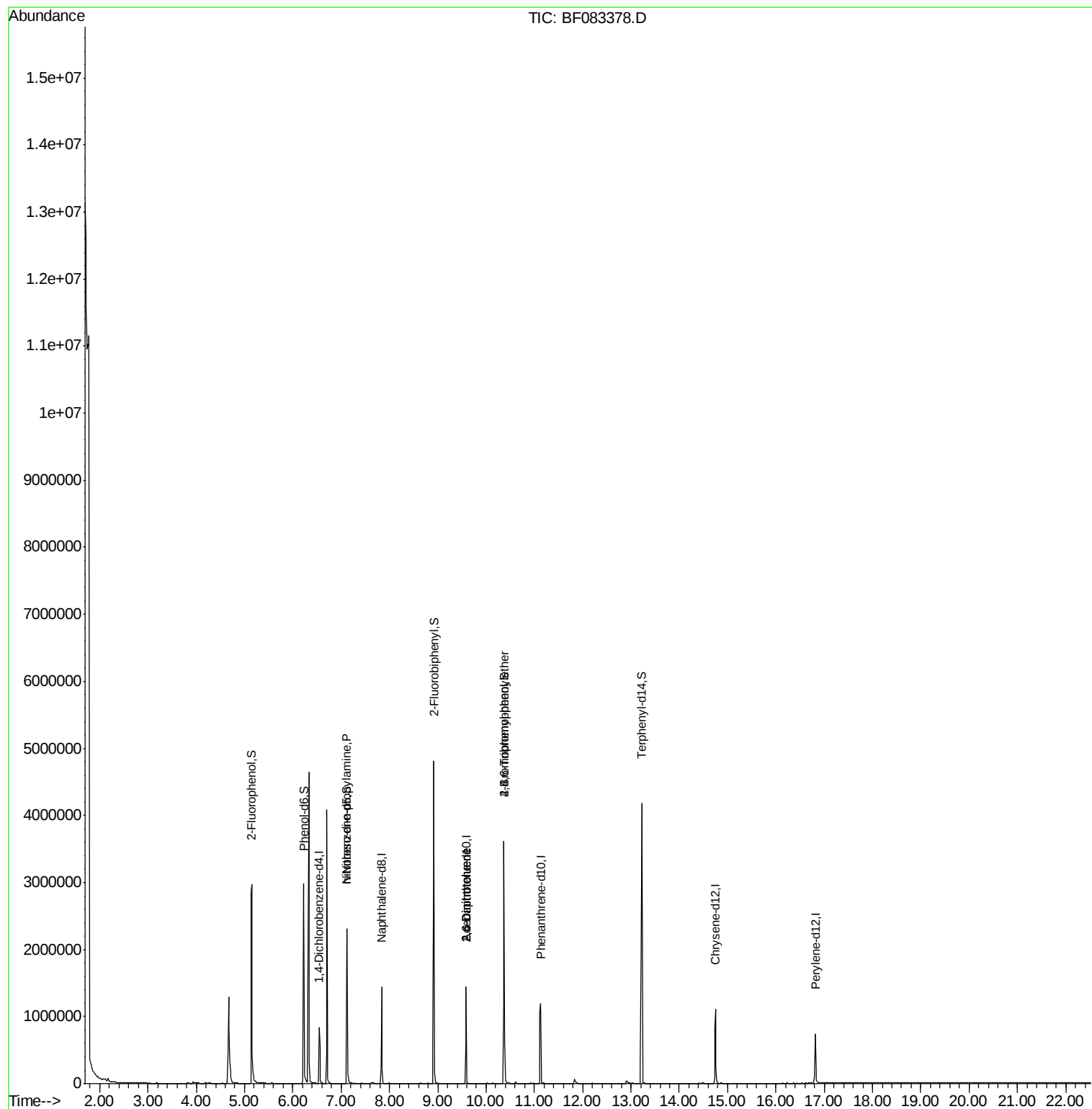
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	154496	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	615608	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	317252	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	646609	20.00	ng	0.00
75) Chrysene-d12	14.75	240	604945	20.00	ng	-0.01
86) Perylene-d12	16.82	264	476309	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1277888	124.12	ng	0.02
7) Phenol-d6	6.22	99	1562042	110.84	ng	0.00
23) Nitrobenzene-d5	7.12	82	1194810	85.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	416410	130.75	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1989851	89.38	ng	0.00
78) Terphenyl-d14	13.22	244	2283899	90.04	ng	0.00
Target Compounds						
9) Benzaldehyde	6.21	77	2031	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	7.12	70	158714	15.76	ng	# 84
50) 2,6-Dinitrotoluene	9.58	165	41655	7.57	ng	# 19
56) 2,4-Dinitrotoluene	9.58	165	41655	5.96	ng	# 6
66) 4-Bromophenyl-phenylether	10.37	248	23953	3.39	ng	# 1

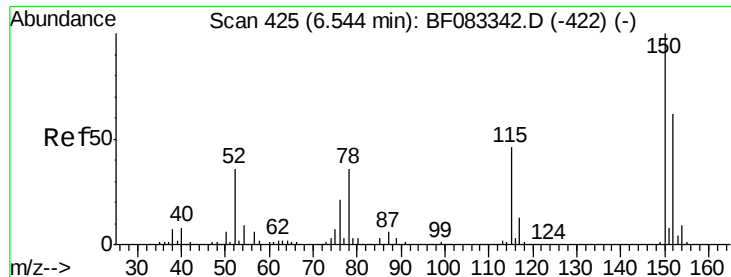
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
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LS-SB17A(6-6.5)

Quant Time: Dec 02 03:12:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF083378.D

Acq: 1 Dec 2015 17:55

Instrument :

BNA_F

ClientSampleId :

LS-SB17A(6-6.5)

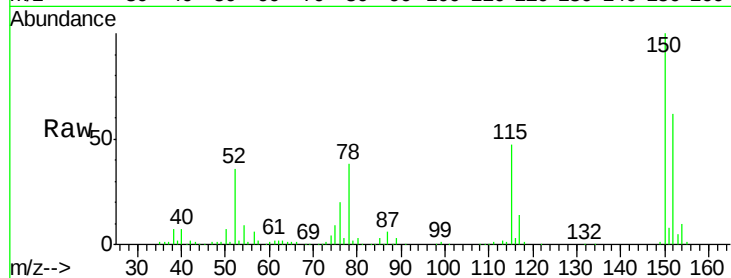
Tgt Ion:152 Resp: 154496

Ion Ratio Lower Upper

152 100

150 160.6 129.8 194.8

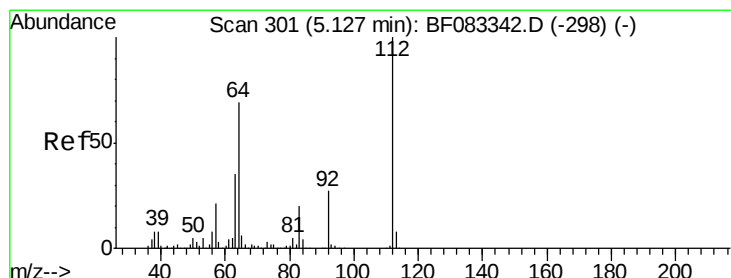
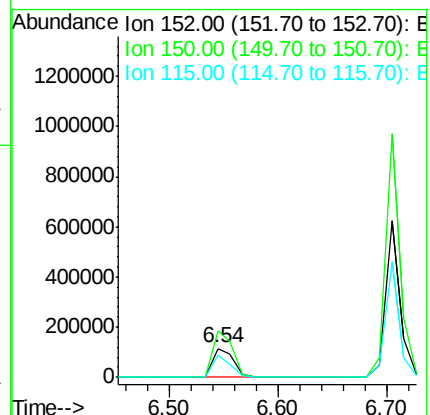
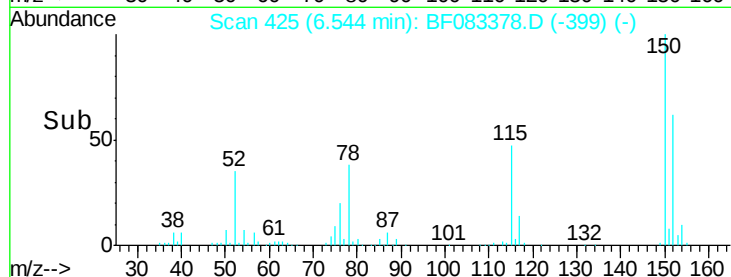
115 75.3 59.2 88.8



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: 124.12 ng

RT: 5.15 min Scan# 303

Delta R.T. 0.02 min

Lab File: BF083378.D

Acq: 1 Dec 2015 17:55

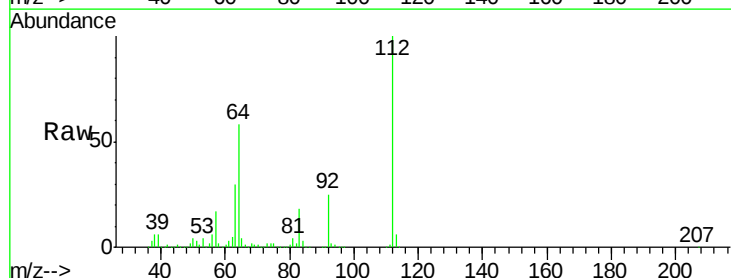
Tgt Ion:112 Resp: 1277888

Ion Ratio Lower Upper

112 100

64 58.5 55.6 83.4

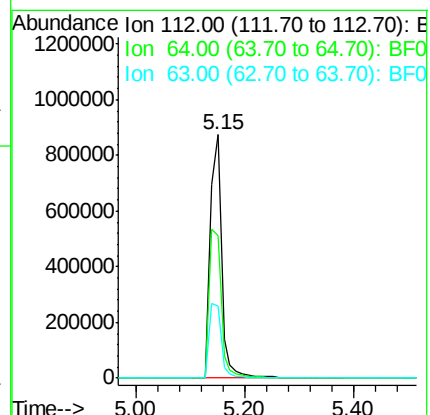
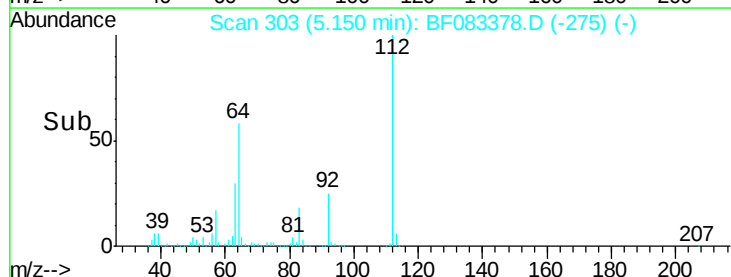
63 29.6 28.2 42.2

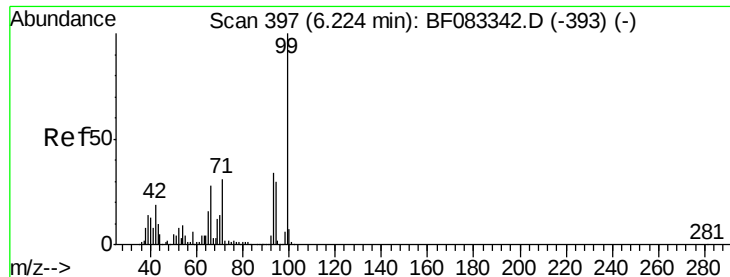


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.84 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083378.D

Acq: 1 Dec 2015 17:55

Instrument :

BNA_F

ClientSampleId :

LS-SB17A(6-6.5)

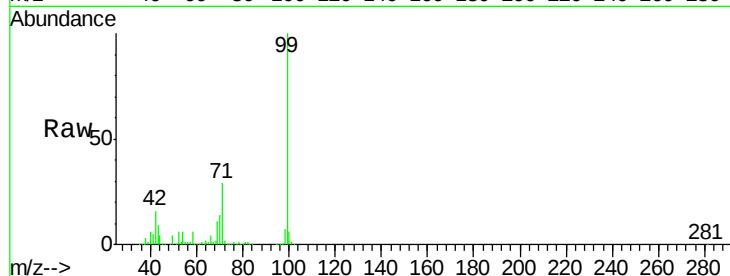
Tgt Ion: 99 Resp: 1562042

Ion Ratio Lower Upper

99 100

42 16.0 14.9 22.3

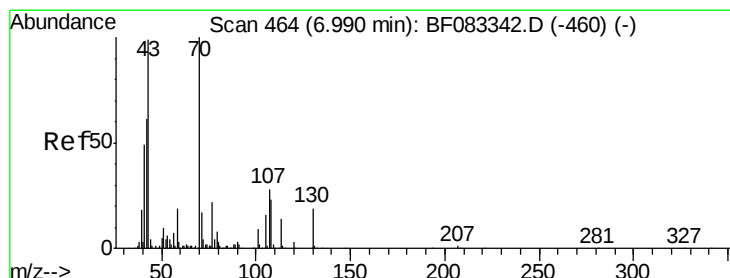
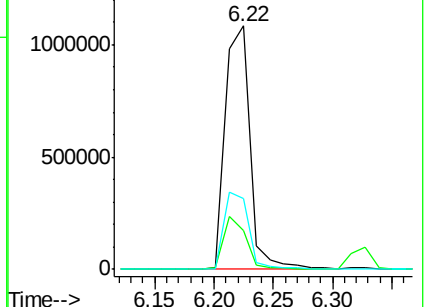
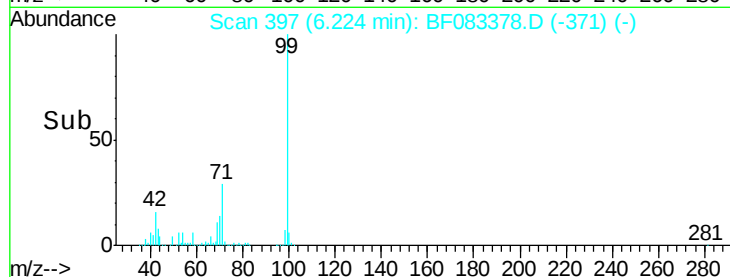
71 29.3 24.7 37.1



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: 15.76 ng

RT: 7.12 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF083378.D

Acq: 1 Dec 2015 17:55

Tgt Ion: 70 Resp: 158714

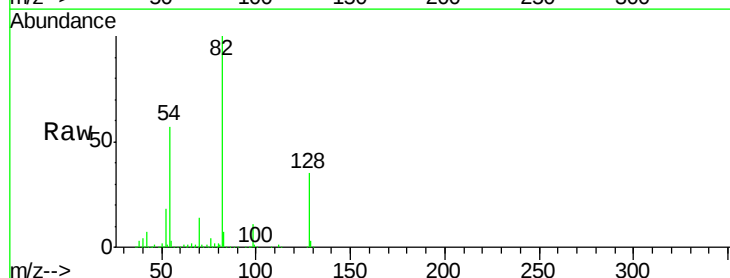
Ion Ratio Lower Upper

70 100

42 54.2 48.8 73.2

101 0.0 7.1 10.7#

130 2.2 15.0 22.6#

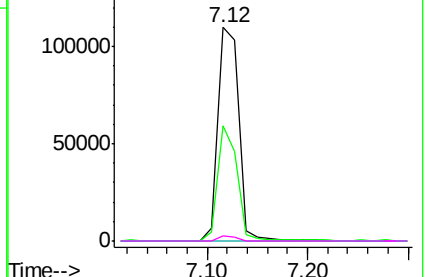
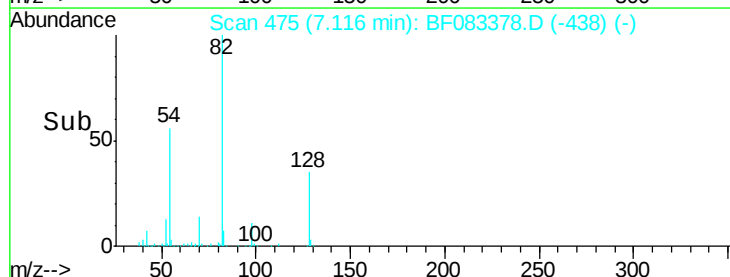


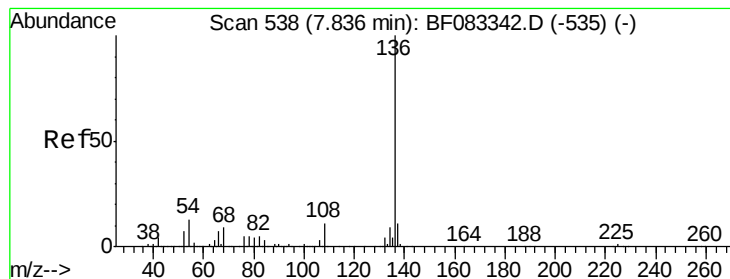
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.84 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF083378.D

Acq: 1 Dec 2015 17:55

Instrument :

BNA_F

ClientSampleId :

LS-SB17A(6-6.5)

Tgt Ion:136 Resp: 615608

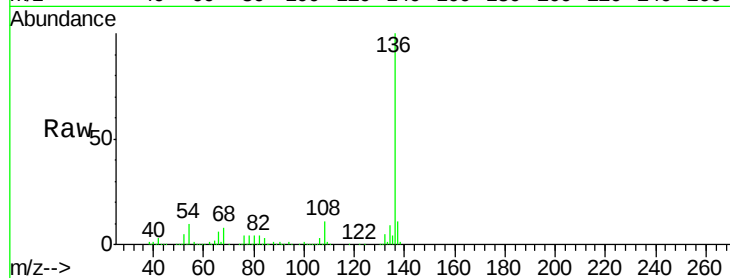
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 10.5 10.1 15.1

68 7.6 7.1 10.7

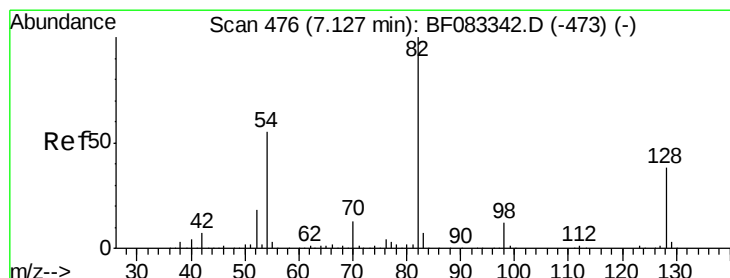
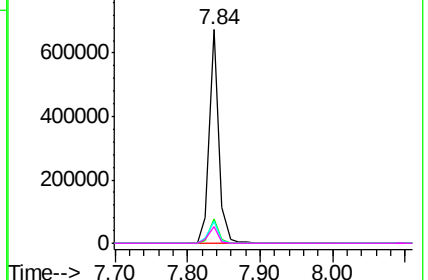
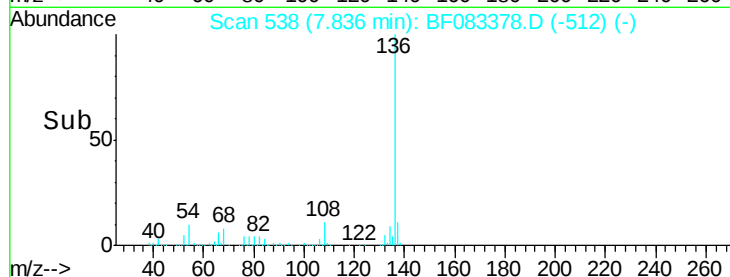


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.32 ng

RT: 7.12 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF083378.D

Acq: 1 Dec 2015 17:55

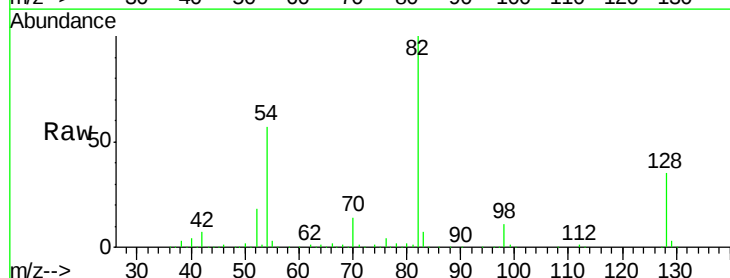
Tgt Ion: 82 Resp: 1194810

Ion Ratio Lower Upper

82 100

128 35.2 30.6 46.0

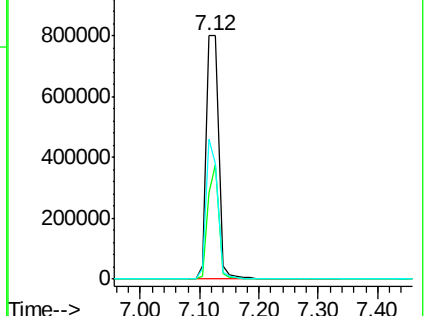
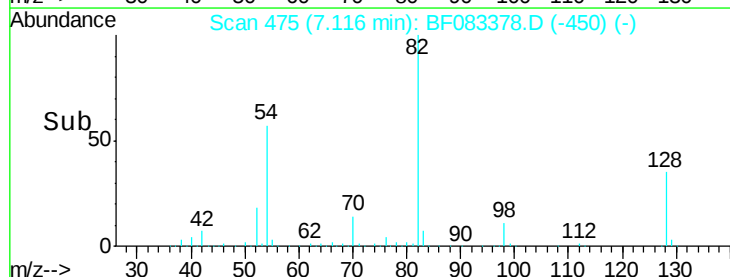
54 57.3 43.8 65.6

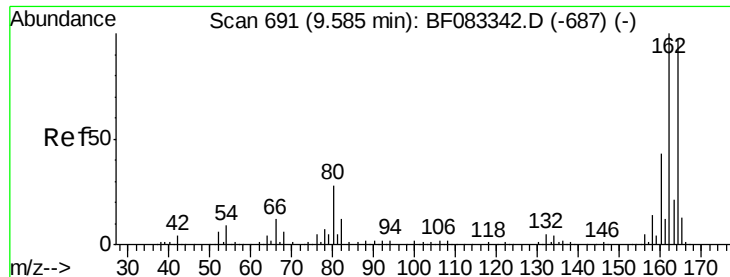


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF083378.D

Acq: 1 Dec 2015 17:55

Instrument :

BNA_F

ClientSampleId :

LS-SB17A(6-6.5)

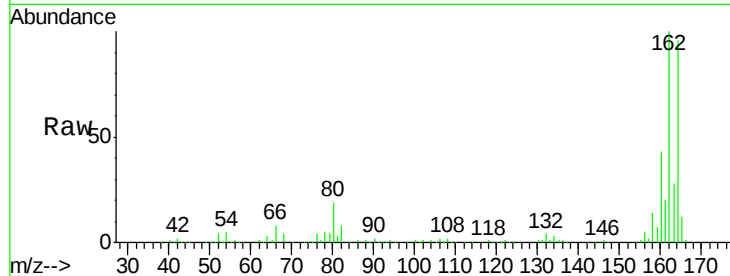
Tgt Ion:164 Resp: 317252

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

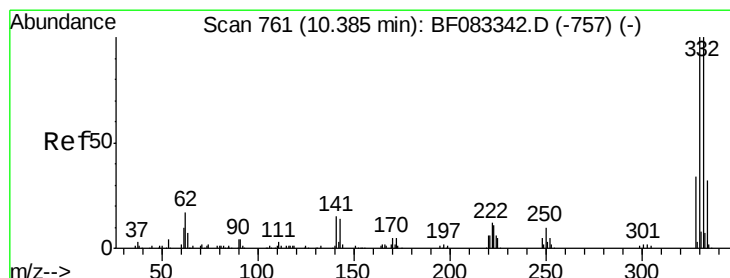
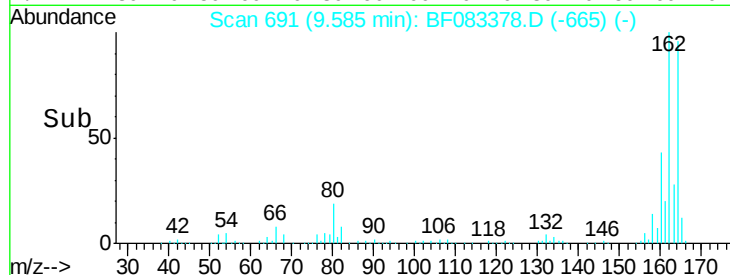
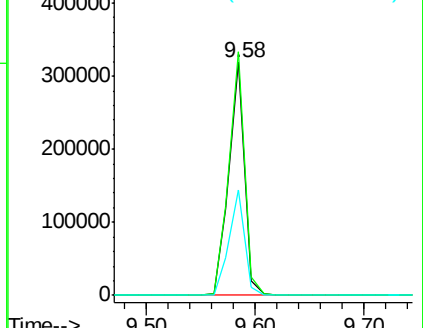
160 45.1 35.3 52.9



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: 130.75 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF083378.D

Acq: 1 Dec 2015 17:55

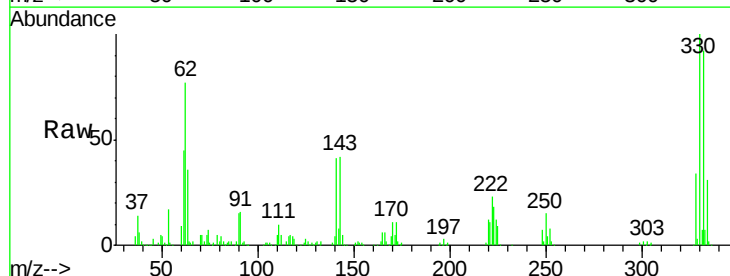
Tgt Ion:330 Resp: 416410

Ion Ratio Lower Upper

330 100

332 94.8 77.8 116.6

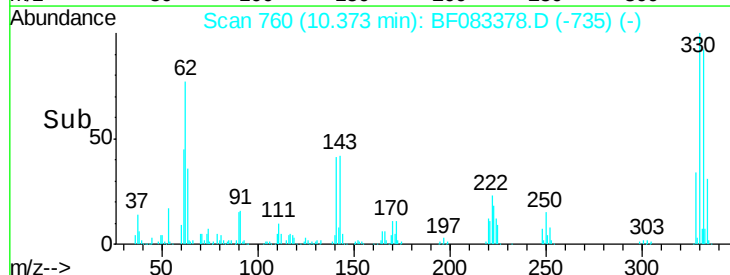
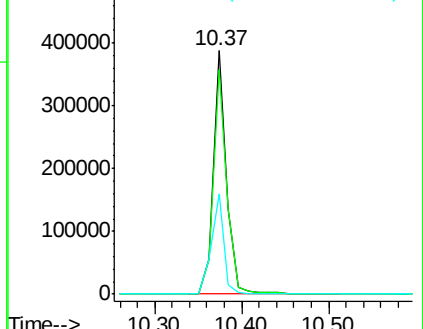
141 39.9 29.4 44.0

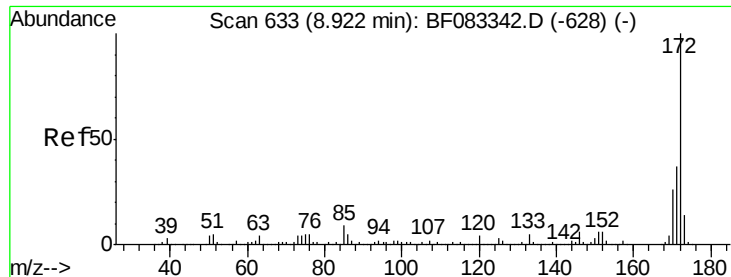


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

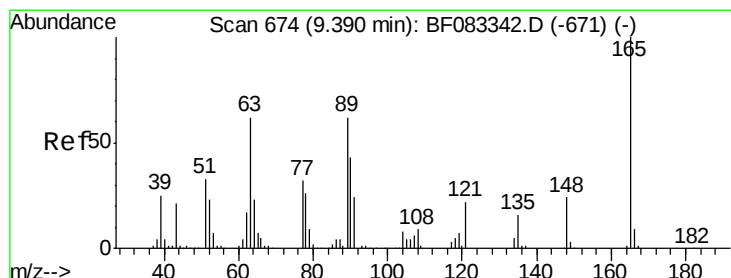
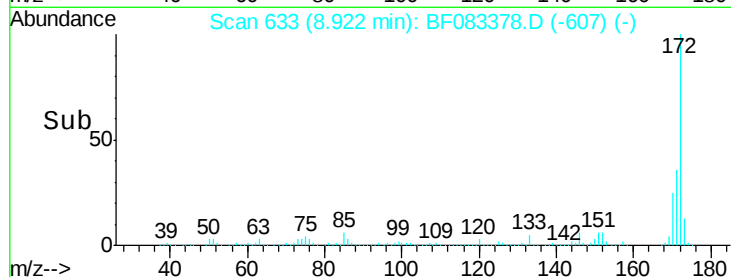
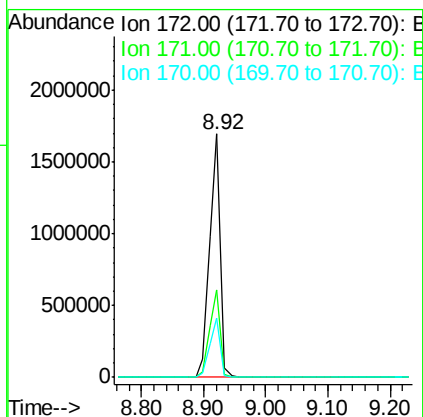
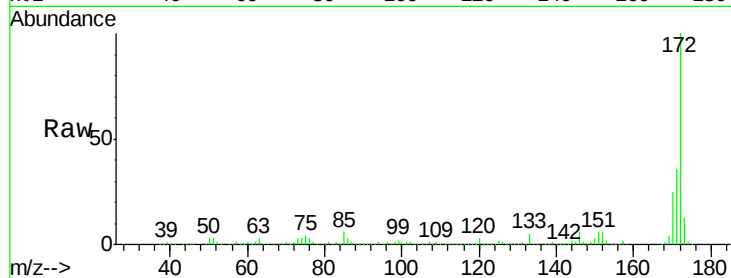




#44
 2-Fluorobiphenyl
 Concen: 89.38 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083378.D
 Acq: 1 Dec 2015 17:55

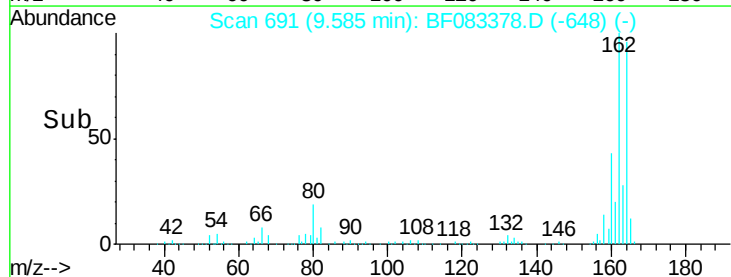
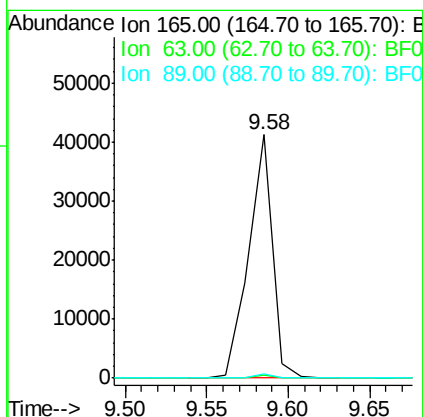
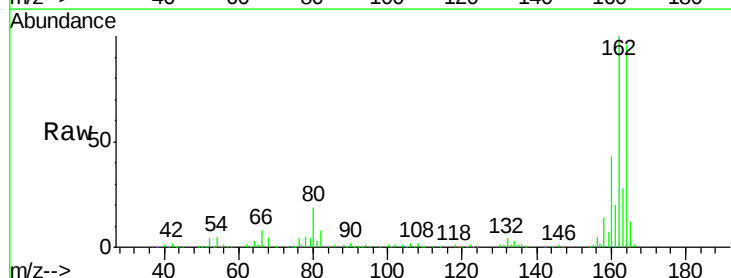
Instrument :
 BNA_F
 ClientSampleId :
 LS-SB17A(6-6.5)

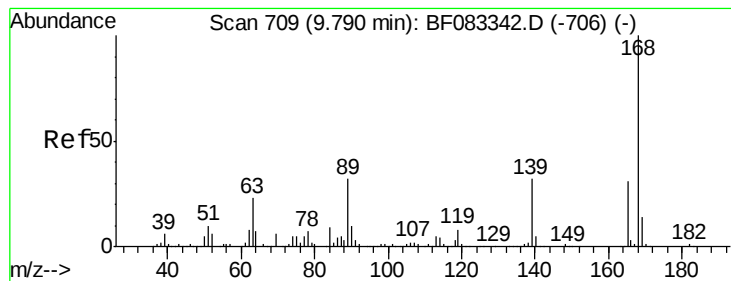
Tgt Ion:172 Resp: 1989851
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.5 20.4 30.6



#50
 2,6-Dinitrotoluene
 Concen: 7.57 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.19 min
 Lab File: BF083378.D
 Acq: 1 Dec 2015 17:55

Tgt Ion:165 Resp: 41655
 Ion Ratio Lower Upper
 165 100
 63 1.4 56.0 84.0#
 89 1.6 49.8 74.8#





#56

2,4-Dinitrotoluene

Concen: 5.96 ng

RT: 9.58 min Scan# 691

Delta R.T. -0.21 min

Lab File: BF083378.D

Acq: 1 Dec 2015 17:55

Instrument :

BNA_F

ClientSampleId :

LS-SB17A(6-6.5)

Tgt Ion:165 Resp: 41655

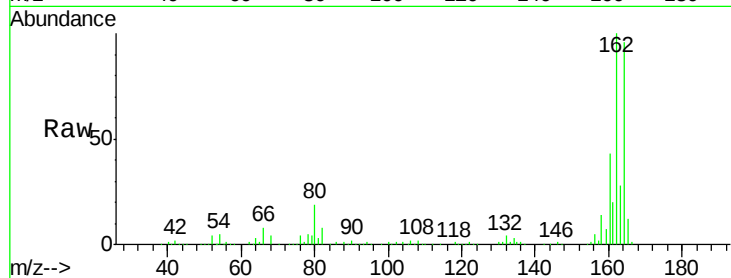
Ion Ratio Lower Upper

165 100

63 1.4 65.4 98.0#

89 1.6 81.2 121.8#

182 0.0 1.8 2.8#

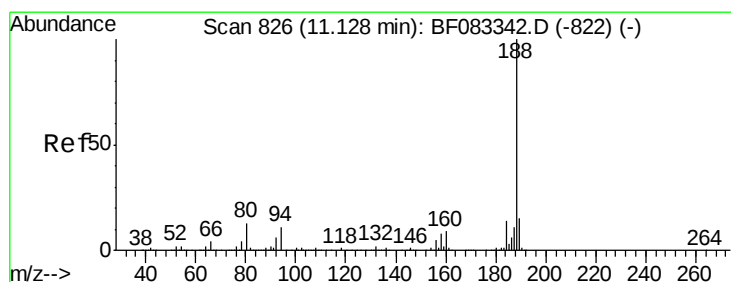
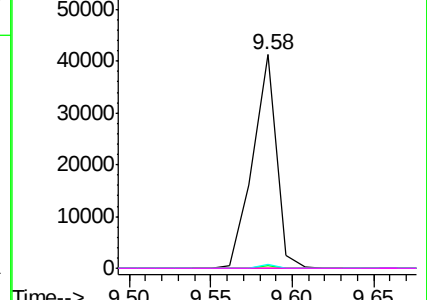
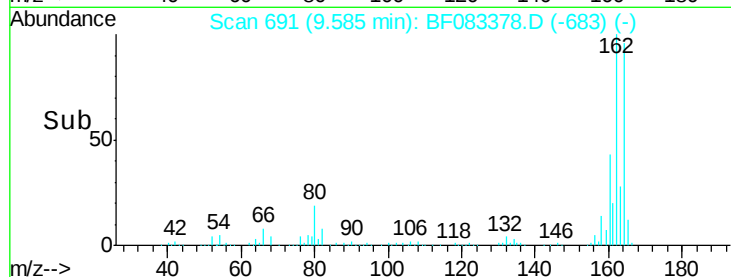


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.13 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF083378.D

Acq: 1 Dec 2015 17:55

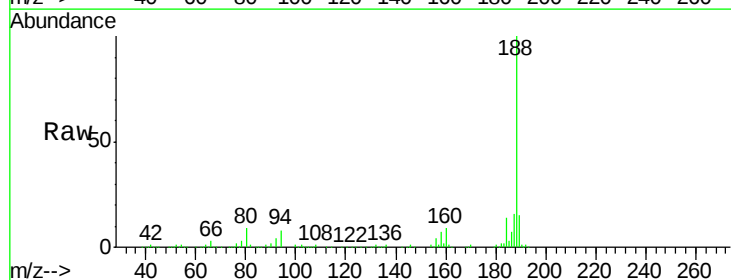
Tgt Ion:188 Resp: 646609

Ion Ratio Lower Upper

188 100

94 8.1 8.7 13.1#

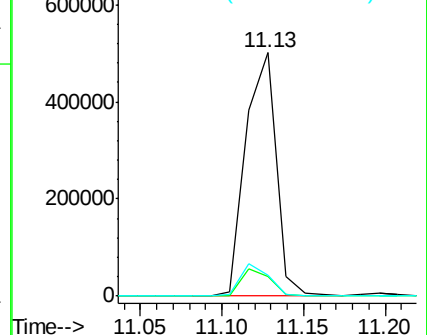
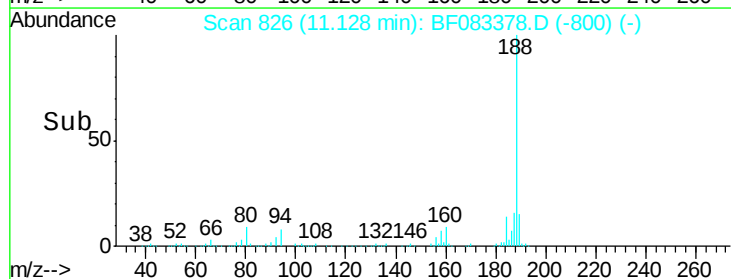
80 8.8 10.3 15.5#

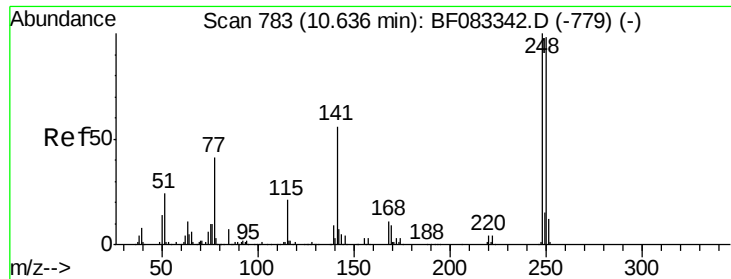


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

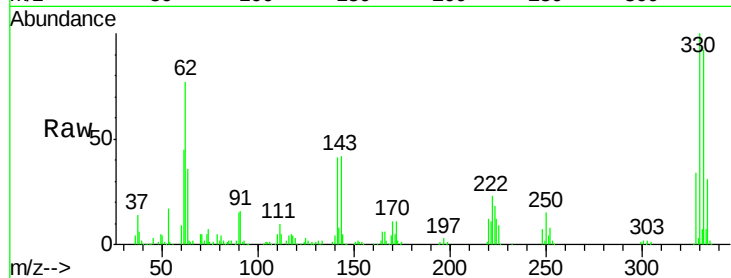




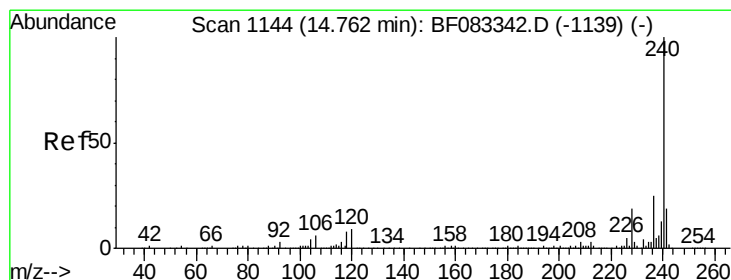
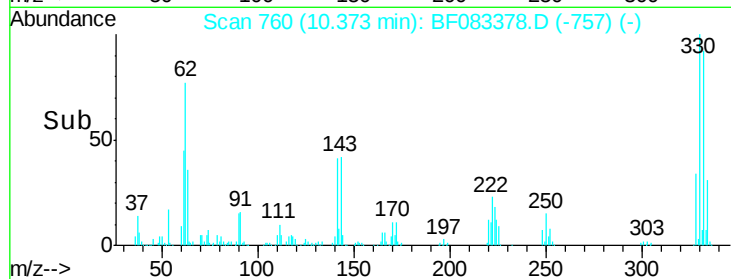
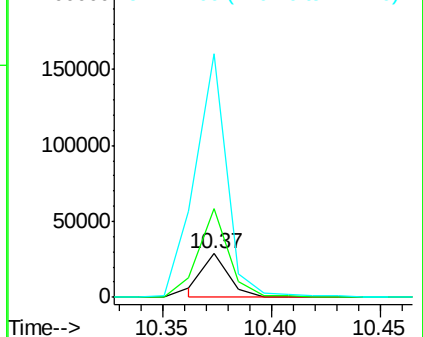
#66
 4-Bromophenyl-phenylether
 Concen: 3.39 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF083378.D
 Acq: 1 Dec 2015 17:55

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB17A(6-6.5)

Tgt Ion:248 Resp: 23953
 Ion Ratio Lower Upper
 248 100
 250 202.3 78.6 118.0#
 141 557.9 44.4 66.6#

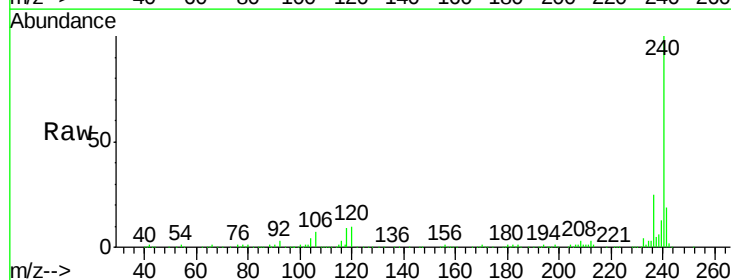


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

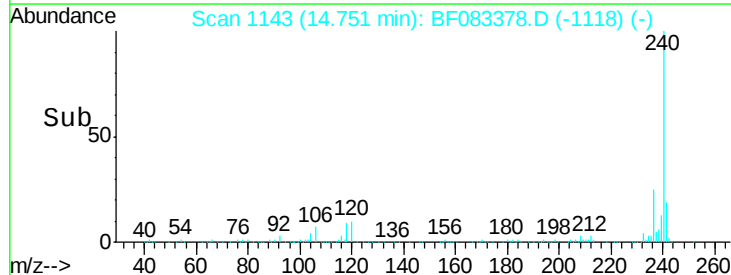
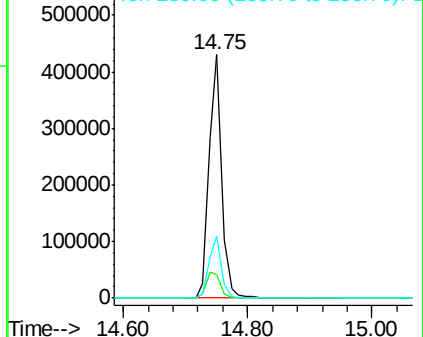


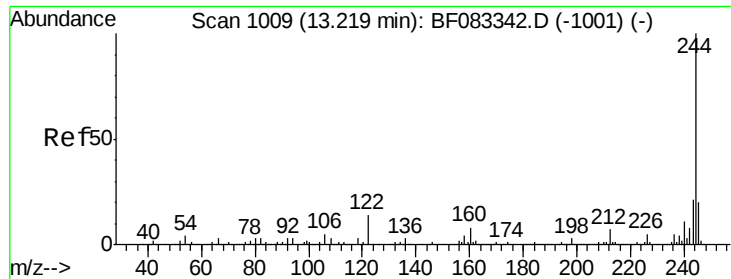
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF083378.D
 Acq: 1 Dec 2015 17:55

Tgt Ion:240 Resp: 604945
 Ion Ratio Lower Upper
 240 100
 120 9.7 6.9 10.3
 236 25.1 19.8 29.6



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

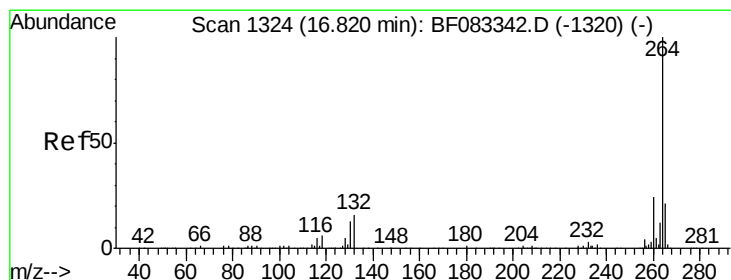
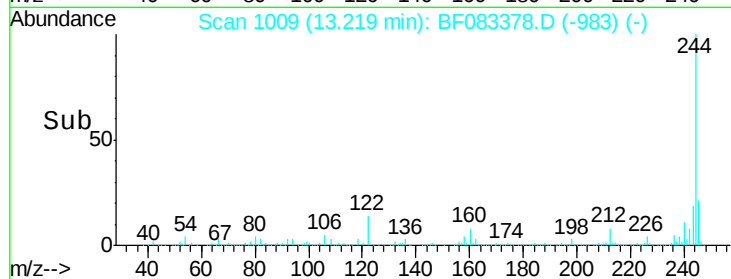
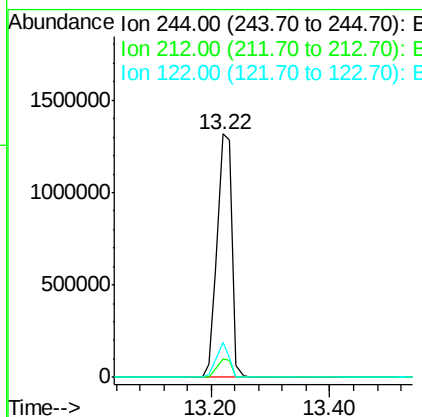
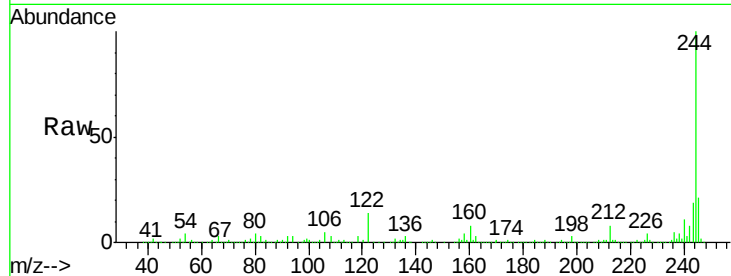




#78
 Terphenyl-d14
 Concen: 90.04 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF083378.D
 Acq: 1 Dec 2015 17:55

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB17A(6-6.5)

Tgt Ion:244 Resp: 2283899
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 14.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.82 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF083378.D
 Acq: 1 Dec 2015 17:55

Tgt Ion:264 Resp: 476309
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 20.5 16.8 25.2

