

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121315\
 Data File : BF083754.D
 Acq On : 14 Dec 2015 3:14
 Operator : UM/IZ
 Sample : G4743-03
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-8

Quant Time: Dec 14 03:41:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

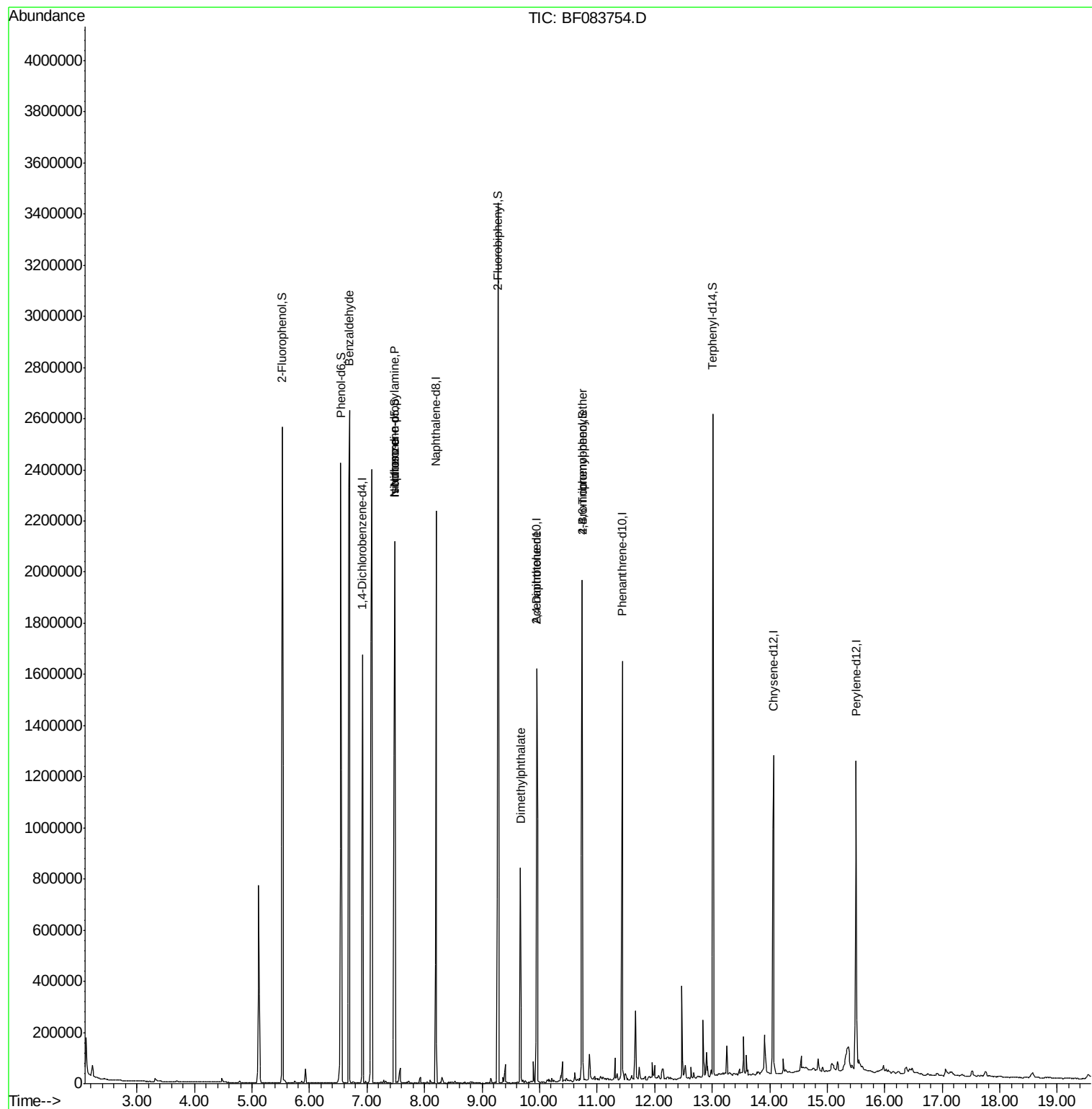
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	271296	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	952284	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	403339	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	669108	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	559085	20.00	ng	-0.01
86) Perylene-d12	15.51	264	590003	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1019184	60.61	ng	0.00
7) Phenol-d6	6.54	99	1219287	57.25	ng	0.00
23) Nitrobenzene-d5	7.48	82	856711	50.33	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	256293	62.36	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1136546	35.35	ng	-0.01
78) Terphenyl-d14	13.01	244	783874	30.16	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.69	77	23323	2.04	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.48	70	114814	8.80	ng	# 69
25) Isophorone	7.48	82	816199	24.44	ng	# 69
49) Dimethylphthalate	9.66	163	375342	11.94	ng	99
56) 2,4-Dinitrotoluene	9.95	165	52299	6.00	ng	# 13
66) 4-Bromophenyl-phenylether	10.74	248	19215	2.57	ng	# 1

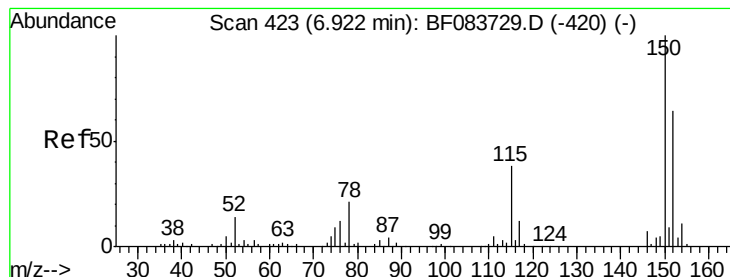
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121315\
Data File : BF083754.D
Acq On : 14 Dec 2015 3:14
Operator : UM/IZ
Sample : G4743-03
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WESTWALL-8

Quant Time: Dec 14 03:41:06 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF083754.D

Acq: 14 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

WESTWALL-8

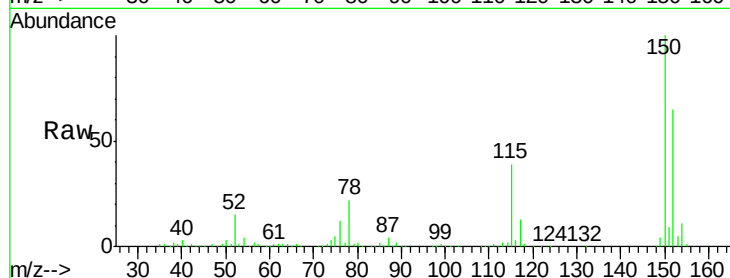
Tgt Ion:152 Resp: 271296

Ion Ratio Lower Upper

152 100

150 152.9 126.5 189.7

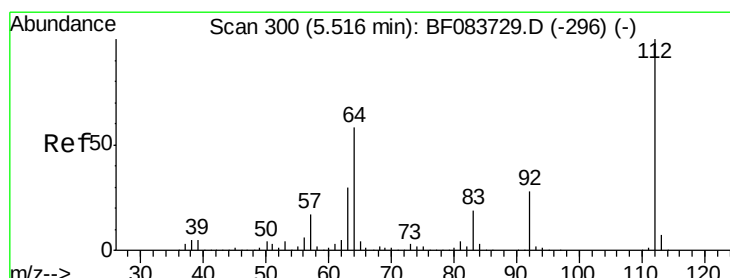
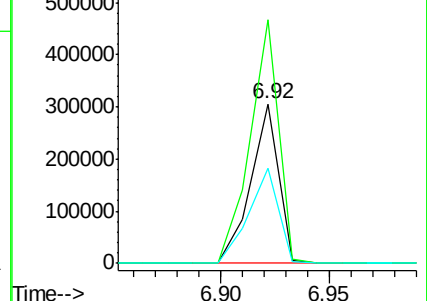
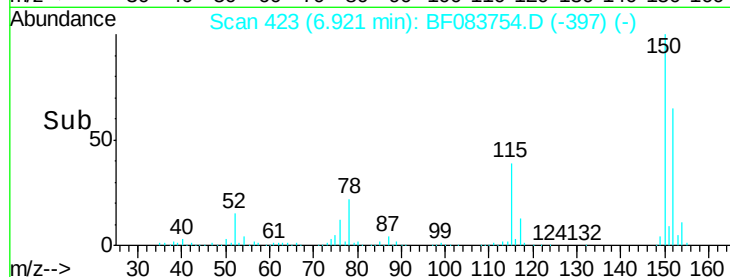
115 59.9 52.3 78.5



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: 60.61 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083754.D

Acq: 14 Dec 2015 3:14

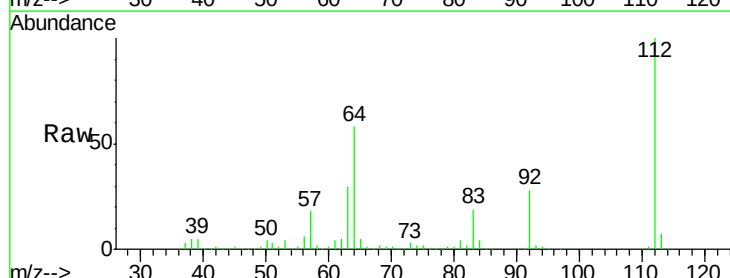
Tgt Ion:112 Resp: 1019184

Ion Ratio Lower Upper

112 100

64 57.6 50.5 75.7

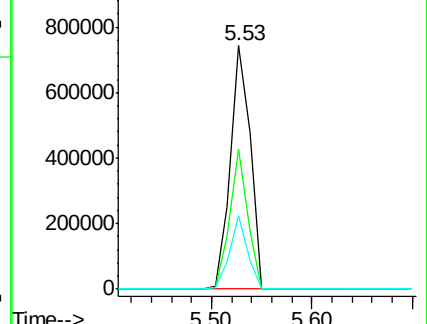
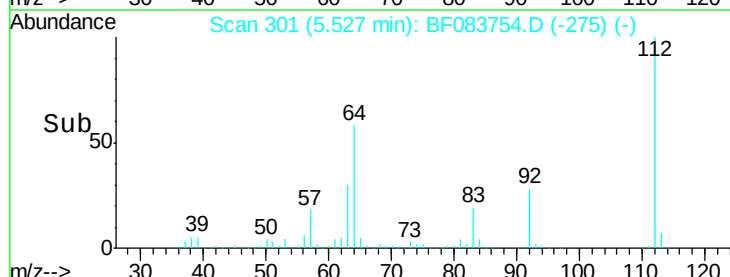
63 30.2 25.8 38.6

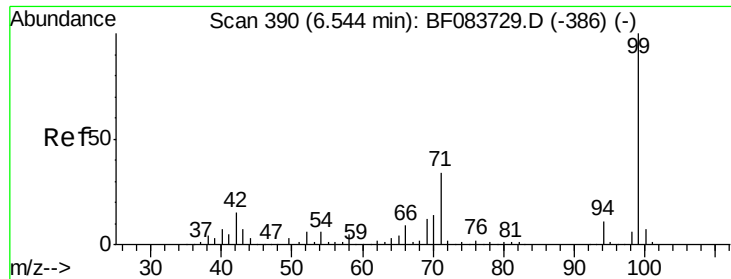


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 57.25 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083754.D

Acq: 14 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

WESTWALL-8

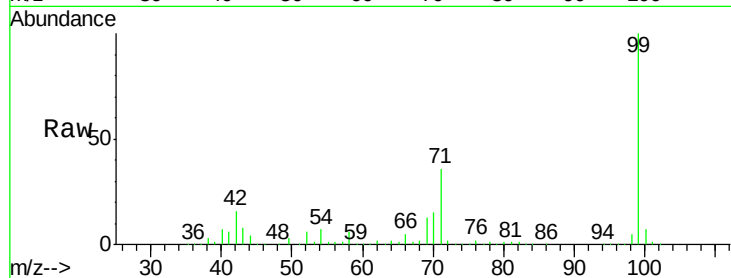
Tgt Ion: 99 Resp: 1219287

Ion Ratio Lower Upper

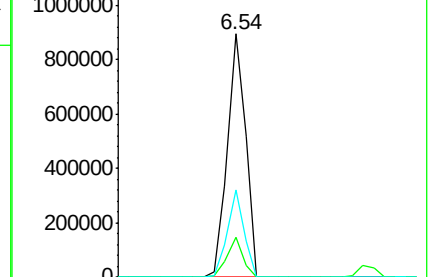
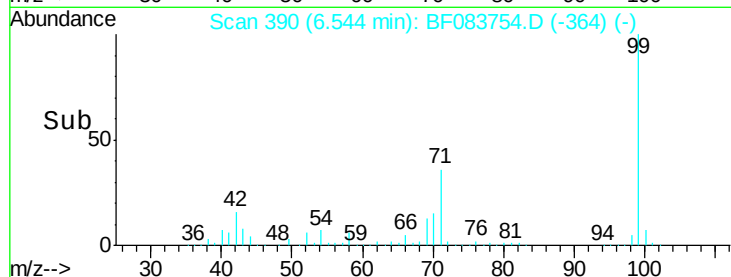
99 100

42 16.3 17.3 25.9#

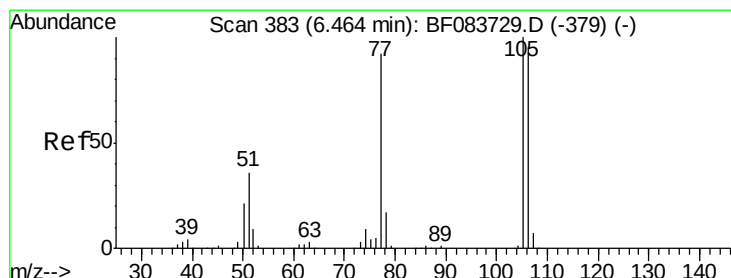
71 36.1 26.6 40.0



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



Time-->



#9

Benzaldehyde

Concen: 2.04 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.23 min

Lab File: BF083754.D

Acq: 14 Dec 2015 3:14

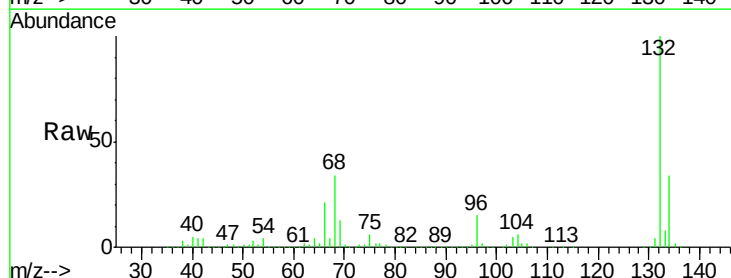
Tgt Ion: 77 Resp: 23323

Ion Ratio Lower Upper

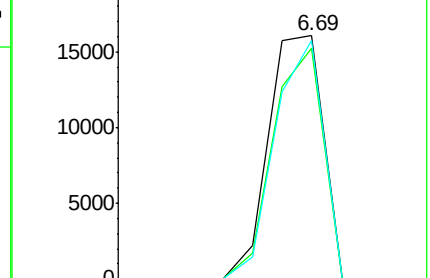
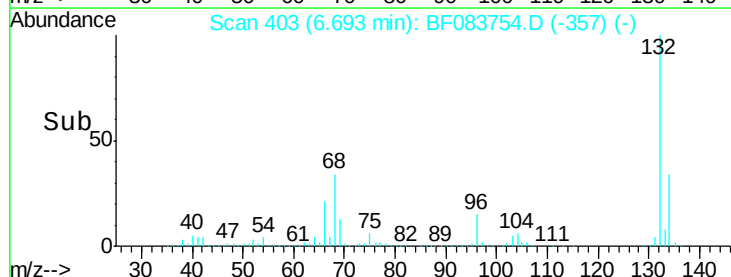
77 100

105 94.7 71.8 111.8

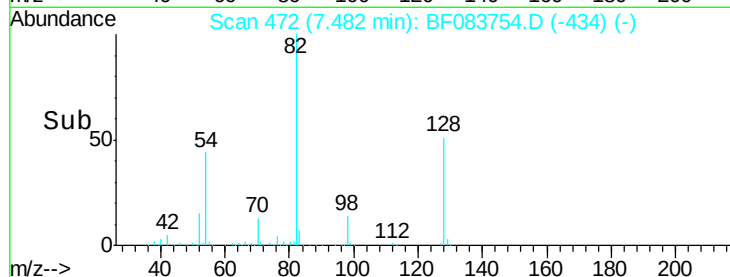
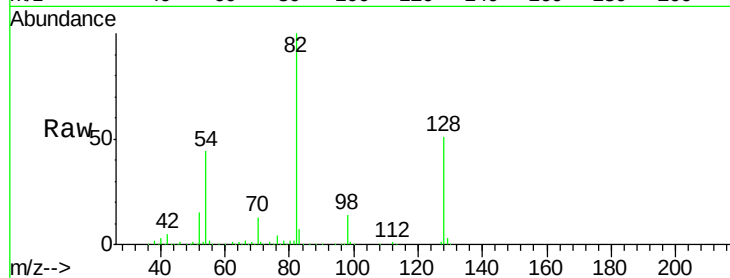
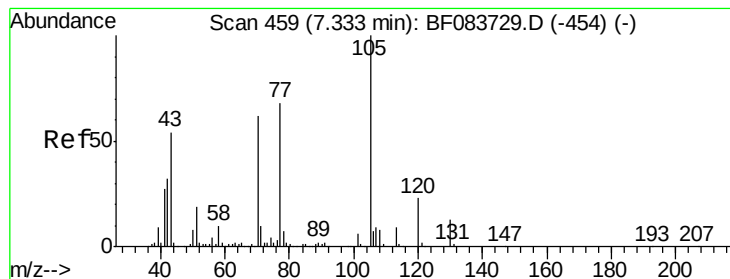
106 98.0 66.8 106.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 8.80 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF083754.D

Acq: 14 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

WESTWALL-8

Tgt Ion: 70 Resp: 114814

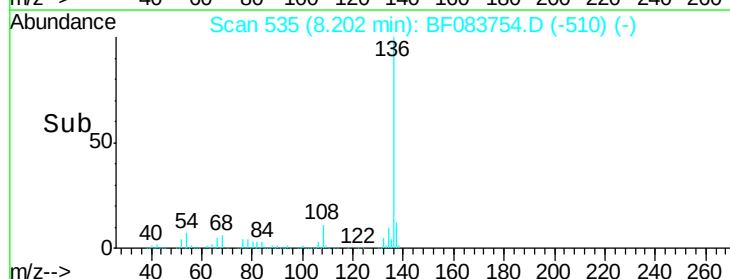
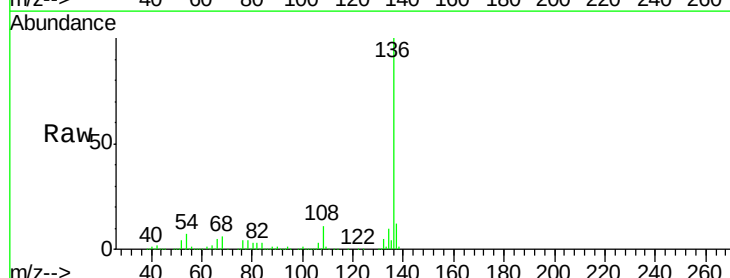
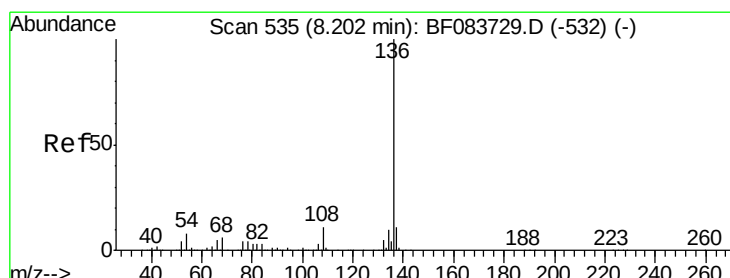
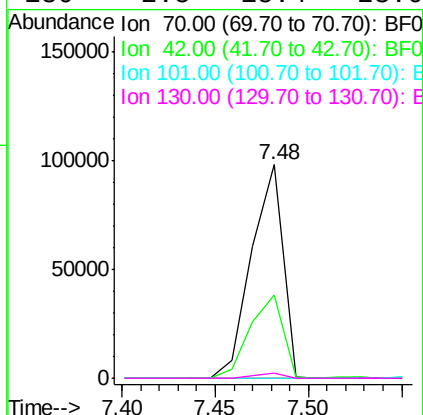
Ion Ratio Lower Upper

70 100

42 38.8 49.2 73.8#

101 0.0 7.1 10.7#

130 2.5 15.4 23.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF083754.D

Acq: 14 Dec 2015 3:14

Tgt Ion: 136 Resp: 952284

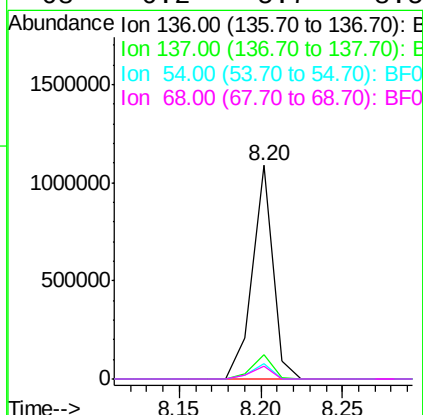
Ion Ratio Lower Upper

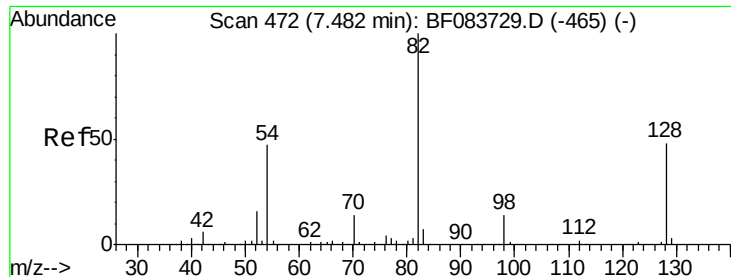
136 100

137 11.7 8.7 13.1

54 7.5 7.8 11.6#

68 6.2 5.7 8.5

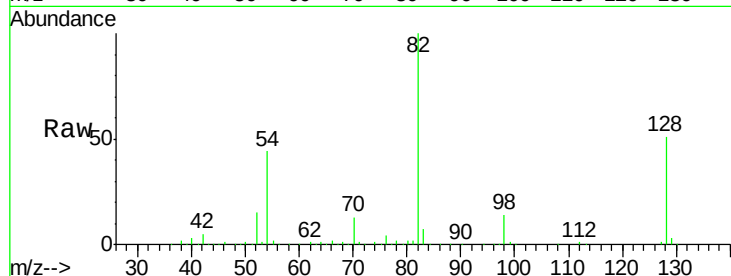




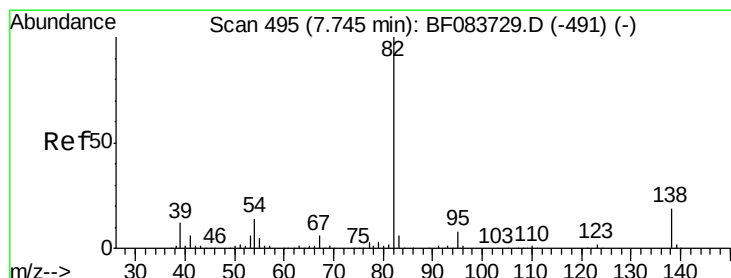
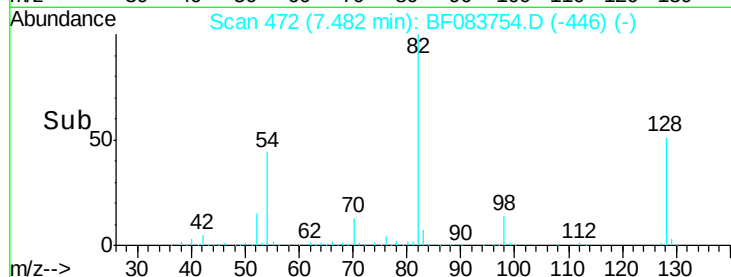
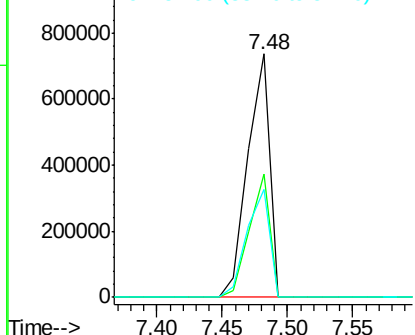
#23
 Nitrobenzene-d5
 Concen: 50.33 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083754.D
 Acq: 14 Dec 2015 3:14

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-8

Tgt Ion: 82 Resp: 856711
 Ion Ratio Lower Upper
 82 100
 128 50.5 30.7 46.1#
 54 44.1 42.5 63.7

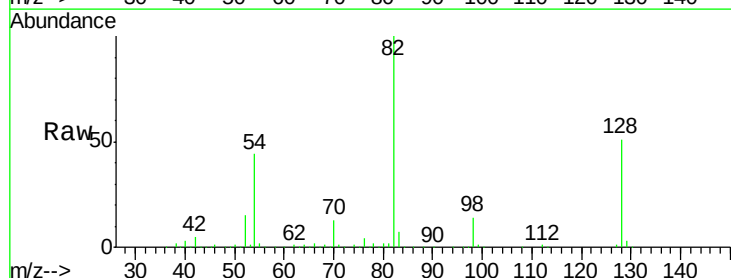


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

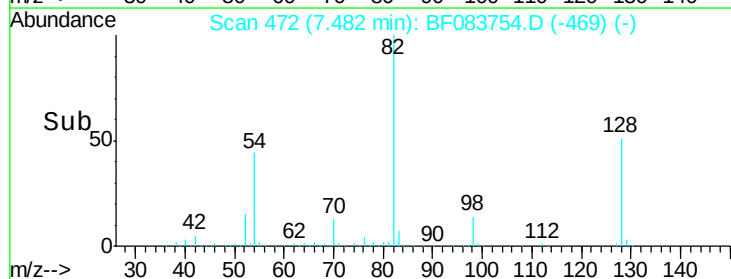
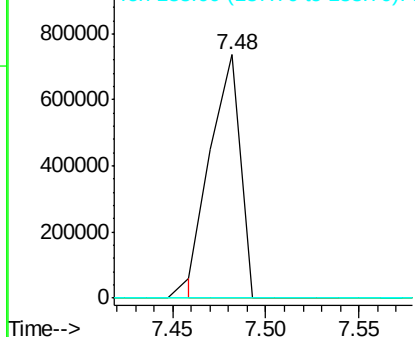


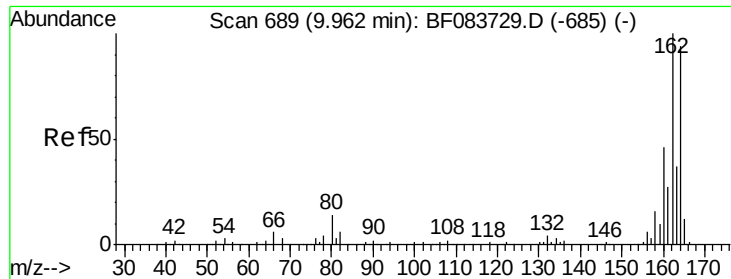
#25
 Isophorone
 Concen: 24.44 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.26 min
 Lab File: BF083754.D
 Acq: 14 Dec 2015 3:14

Tgt Ion: 82 Resp: 816199
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.0 7.4#
 138 0.0 12.1 18.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF083754.D

Acq: 14 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

WESTWALL-8

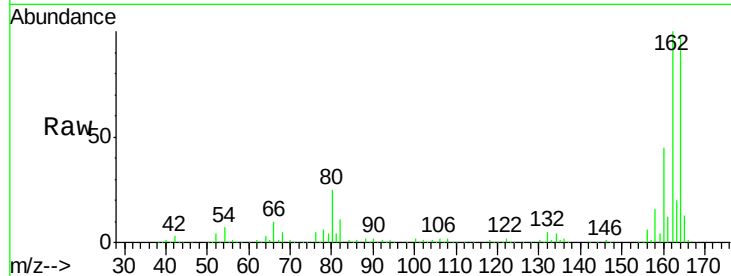
Tgt Ion:164 Resp: 403339

Ion Ratio Lower Upper

164 100

162 103.1 78.8 118.2

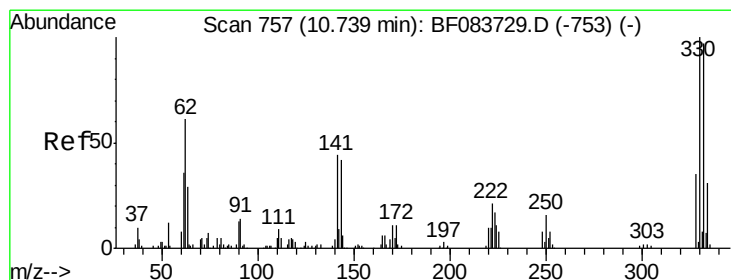
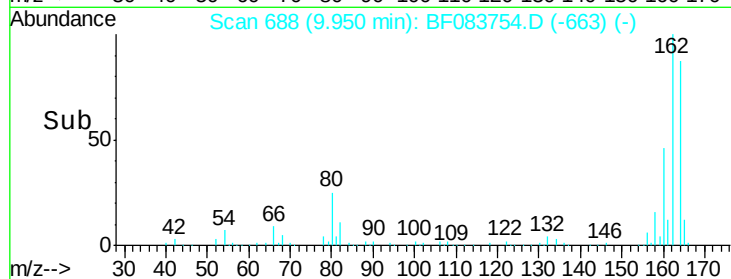
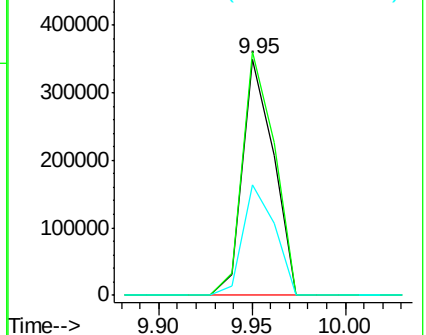
160 46.8 33.4 50.2



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: 62.36 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF083754.D

Acq: 14 Dec 2015 3:14

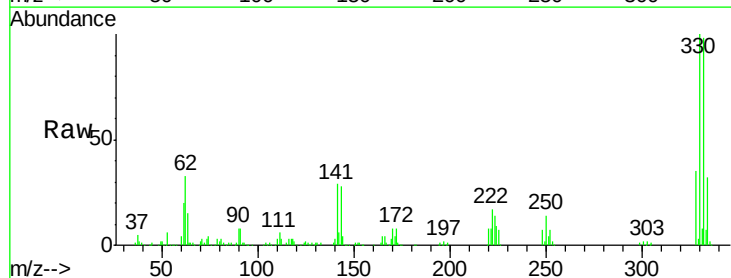
Tgt Ion:330 Resp: 256293

Ion Ratio Lower Upper

330 100

332 97.9 0.0 0.0#

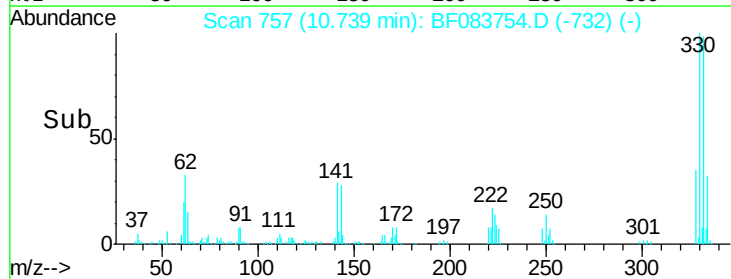
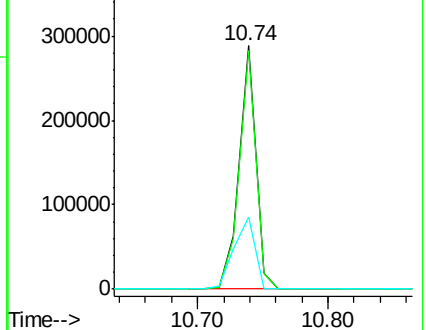
141 36.8 0.0 0.0#

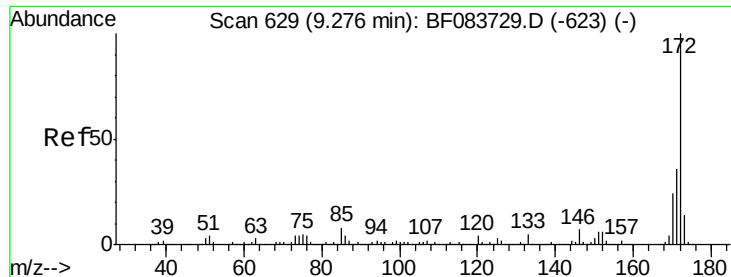


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

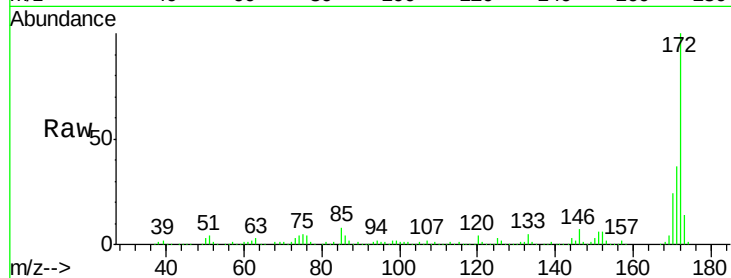




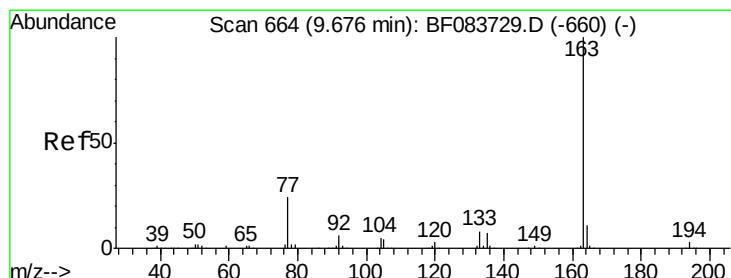
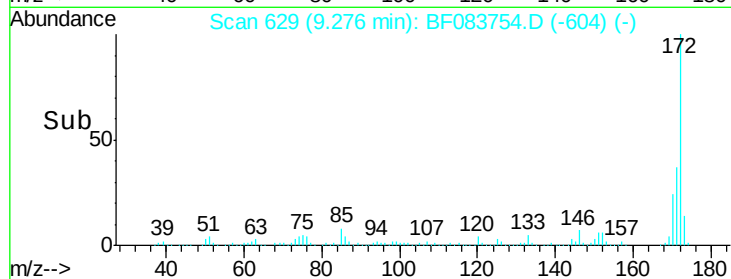
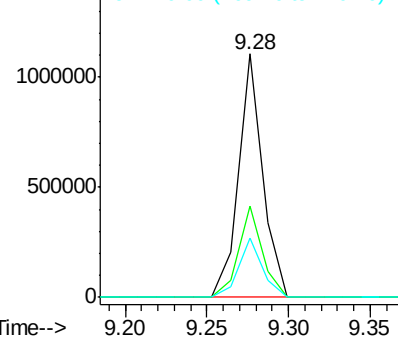
#44
 2-Fluorobiphenyl
 Concen: 35.35 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083754.D
 Acq: 14 Dec 2015 3:14

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-8

Tgt Ion:172 Resp: 1136546
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.6 42.8
 170 24.4 19.4 29.0

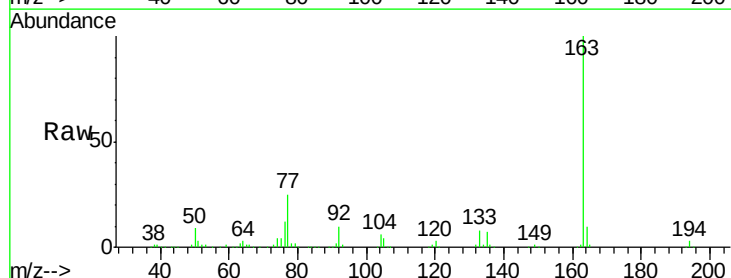


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

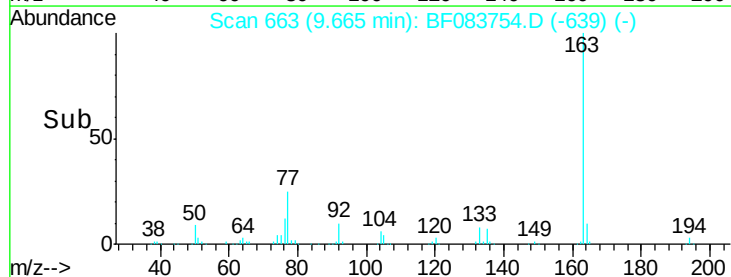
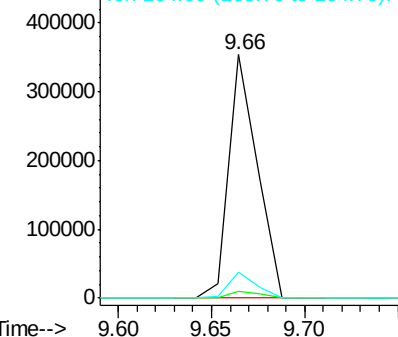


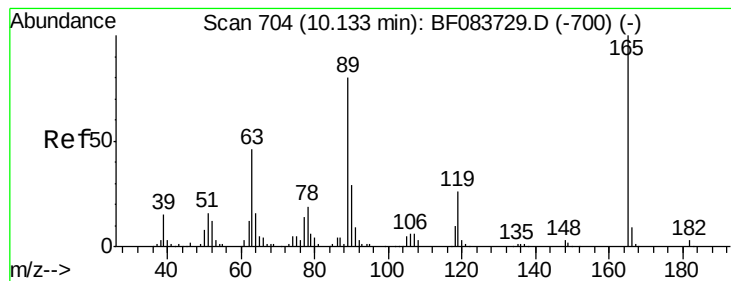
#49
 Dimethylphthalate
 Concen: 11.94 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.02 min
 Lab File: BF083754.D
 Acq: 14 Dec 2015 3:14

Tgt Ion:163 Resp: 375342
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.8 4.2
 164 10.5 8.6 13.0



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: 6.00 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.19 min

Lab File: BF083754.D

Acq: 14 Dec 2015 3:14

Instrument :

BNA_F

ClientSampleId :

WESTWALL-8

Tgt Ion:165 Resp: 52299

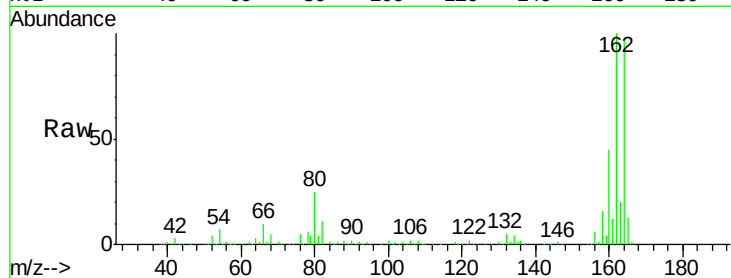
Ion Ratio Lower Upper

165 100

63 1.5 51.4 77.2#

89 1.7 72.6 108.8#

182 0.0 1.4 2.0#

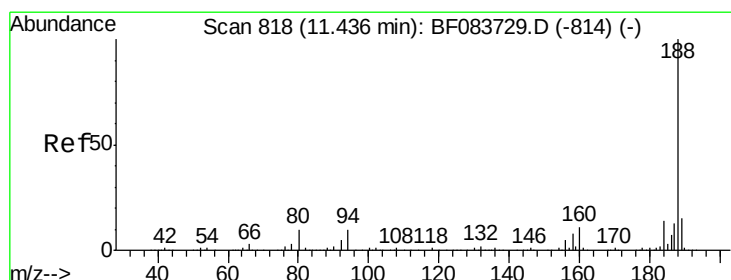
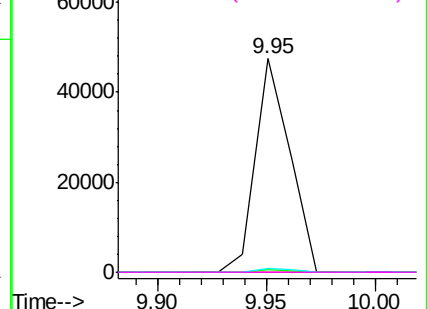
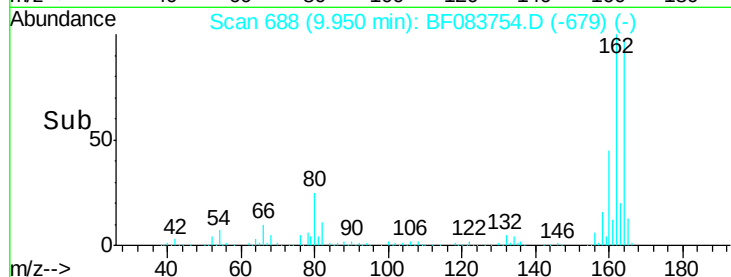


Abundance Ion 165.00 (164.70 to 165.70): E

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF083754.D

Acq: 14 Dec 2015 3:14

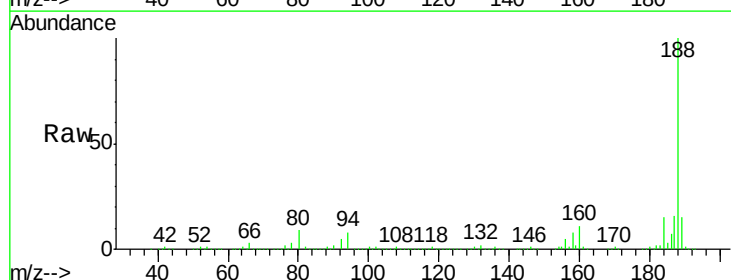
Tgt Ion:188 Resp: 669108

Ion Ratio Lower Upper

188 100

94 8.3 9.4 14.2#

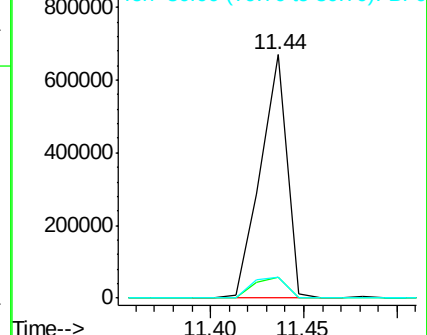
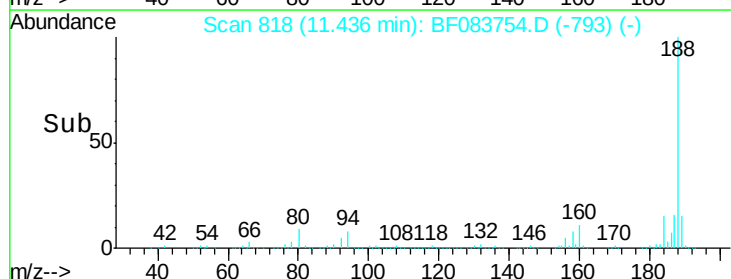
80 8.5 10.6 16.0#

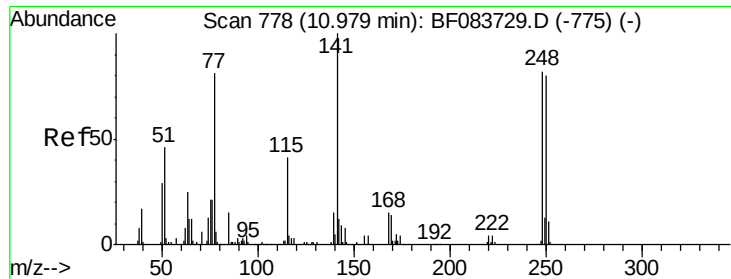


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

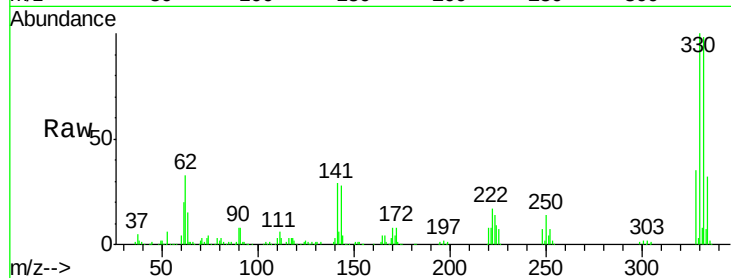




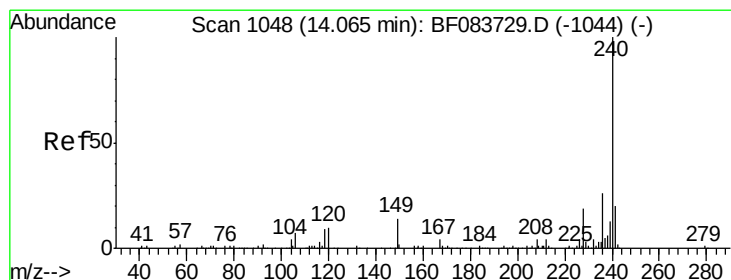
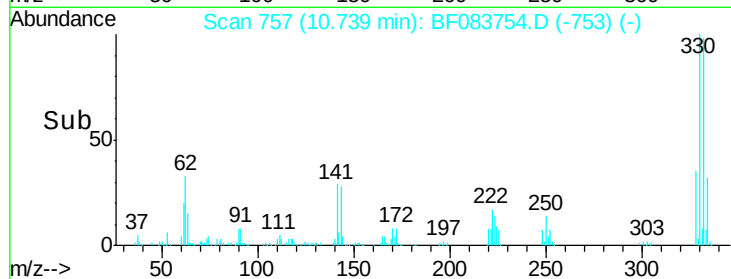
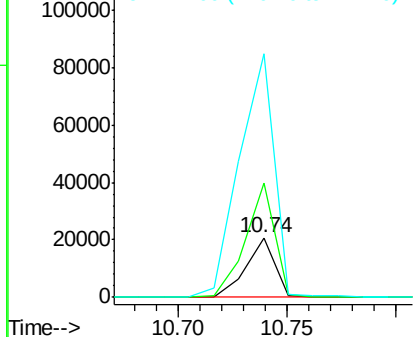
#66
 4-Bromophenyl-phenylether
 Concen: 2.57 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.25 min
 Lab File: BF083754.D
 Acq: 14 Dec 2015 3:14

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-8

Tgt Ion:248 Resp: 19215
 Ion Ratio Lower Upper
 248 100
 250 190.7 79.2 118.8#
 141 406.4 58.2 87.4#

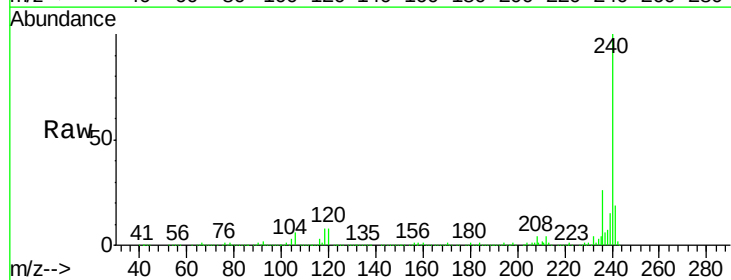


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

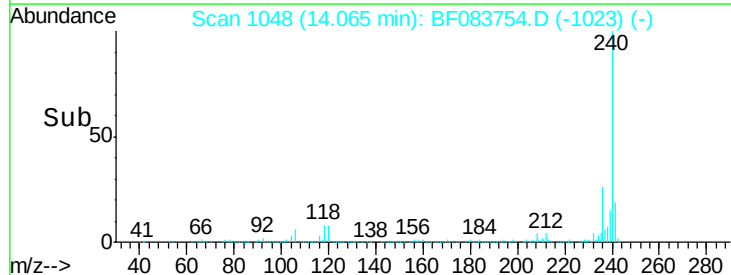
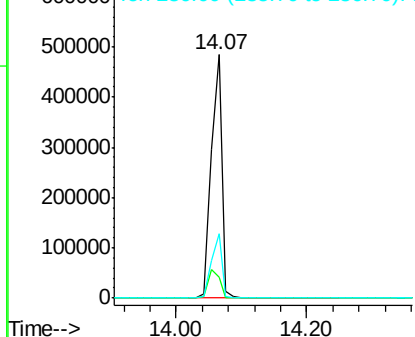


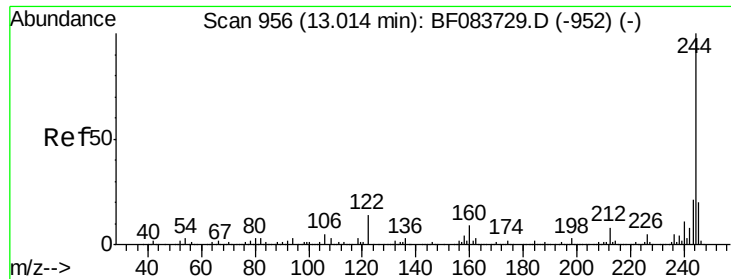
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF083754.D
 Acq: 14 Dec 2015 3:14

Tgt Ion:240 Resp: 559085
 Ion Ratio Lower Upper
 240 100
 120 8.4 8.1 12.1
 236 26.3 20.8 31.2



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

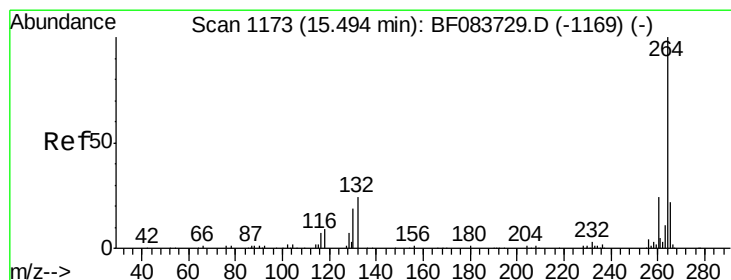
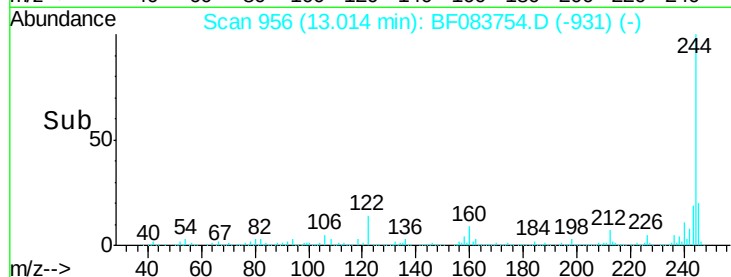
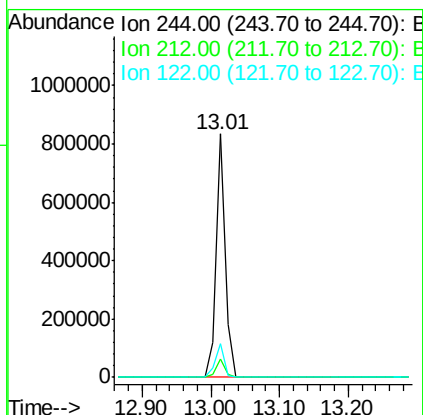
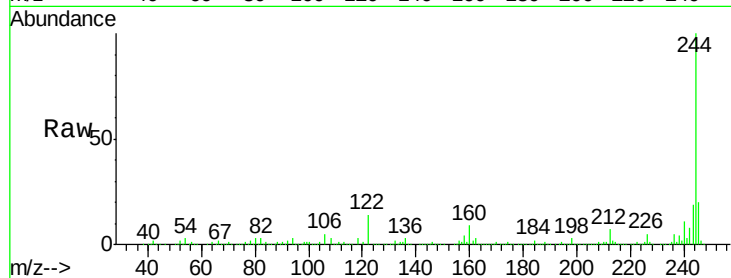




#78
 Terphenyl-d14
 Concen: 30.16 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF083754.D
 Acq: 14 Dec 2015 3:14

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-8

Tgt Ion:244 Resp: 783874
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 14.1 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF083754.D
 Acq: 14 Dec 2015 3:14

Tgt Ion:264 Resp: 590003
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 22.2 17.8 26.6

