

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083069.D
 Acq On : 20 Nov 2015 8:17
 Operator : UM/IZ
 Sample : G4455-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-21

Quant Time: Nov 20 08:58:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

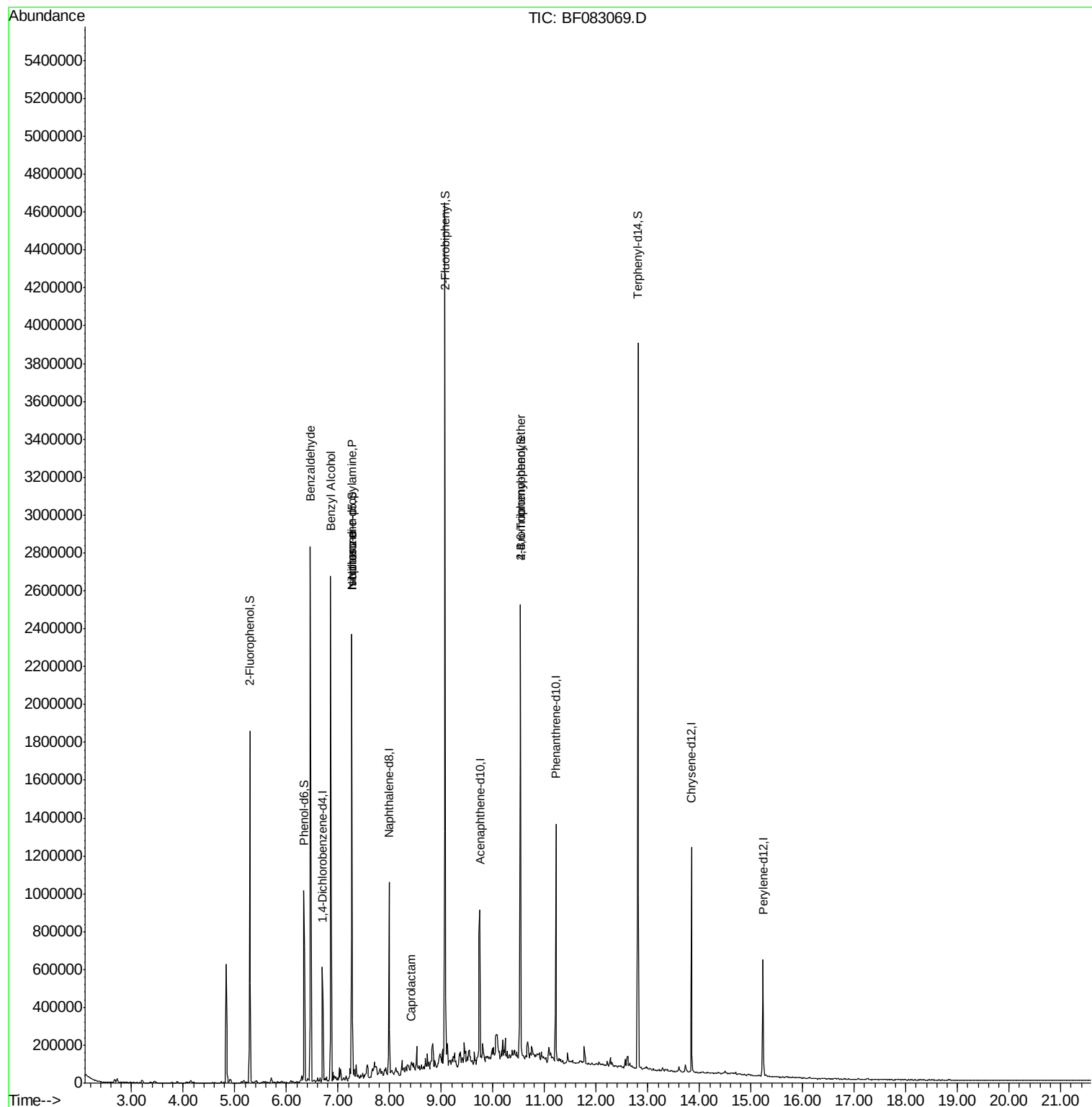
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	112693	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	422073	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	221913	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	433734	20.00	ng	0.00
75) Chrysene-d12	13.85	240	397534	20.00	ng	-0.01
86) Perylene-d12	15.23	264	312656	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	488509	67.33	ng	0.00
7) Phenol-d6	6.34	99	436214	45.65	ng	-0.01
23) Nitrobenzene-d5	7.26	82	826594	89.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	359512	152.59	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1369681	83.13	ng	-0.01
78) Terphenyl-d14	12.81	244	1248997	74.17	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	20886	2.76	ng	Qvalue 82
15) Benzyl Alcohol	6.85	79	15844	2.02	ng	# 58
19) n-Nitroso-di-n-propylamine	7.26	70	116394	16.67	ng	# 78
25) Isophorone	7.26	82	641077	36.87	ng	# 69
35) Caprolactam	8.41	113	5109	2.47	ng	# 44
66) 4-Bromophenyl-phenylether	10.53	248	23471	4.67	ng	# 1

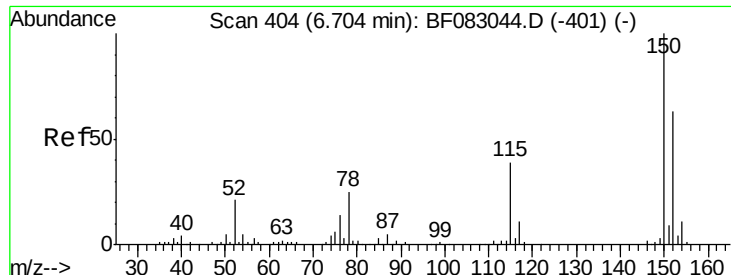
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
Data File : BF083069.D
Acq On : 20 Nov 2015 8:17
Operator : UM/IZ
Sample : G4455-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-21

Quant Time: Nov 20 08:58:36 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 01:33:39 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF083069.D

Acq: 20 Nov 2015 8:17

Instrument :

BNA_F

ClientSampleId :

MW-21

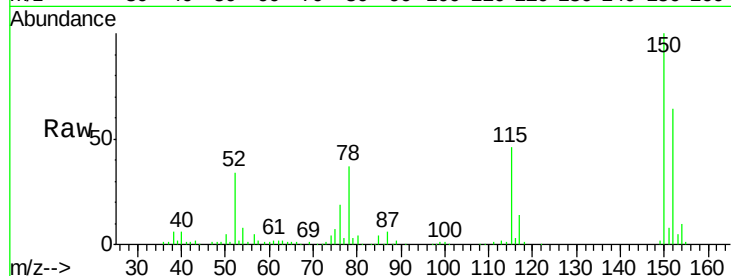
Tgt Ion:152 Resp: 112693

Ion Ratio Lower Upper

152 100

150 156.0 126.4 189.6

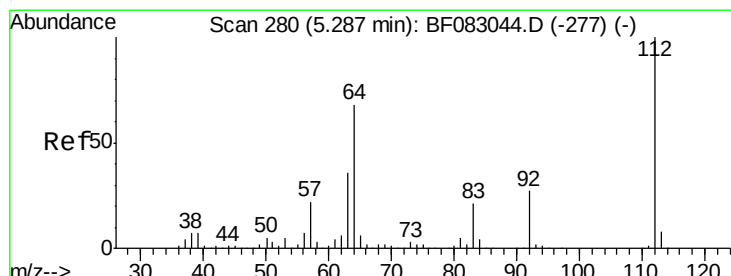
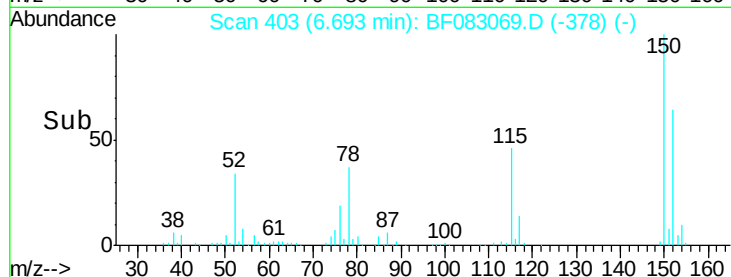
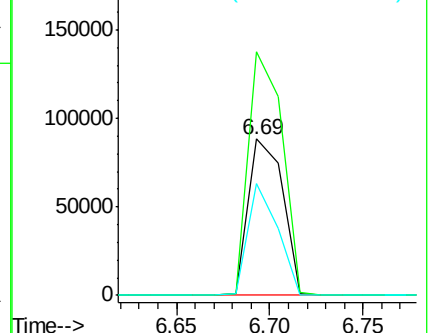
115 71.9 49.0 73.6



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: 67.33 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF083069.D

Acq: 20 Nov 2015 8:17

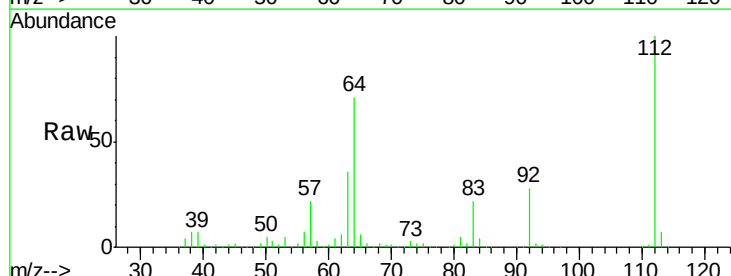
Tgt Ion:112 Resp: 488509

Ion Ratio Lower Upper

112 100

64 70.8 54.8 82.2

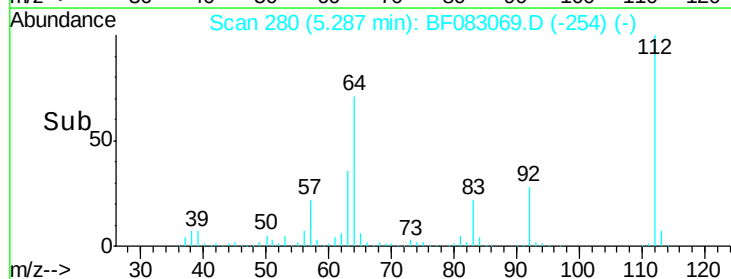
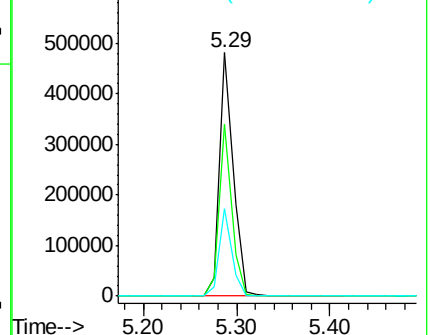
63 36.1 29.0 43.4

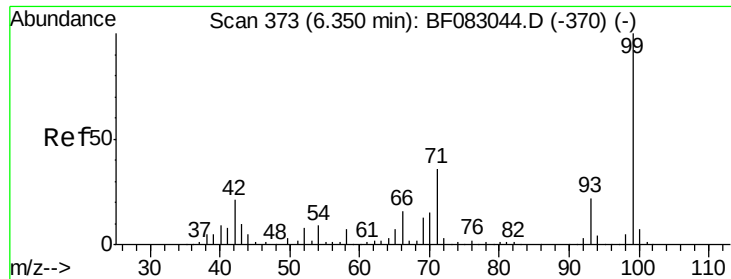


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.65 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF083069.D

Acq: 20 Nov 2015 8:17

Instrument :

BNA_F

ClientSampleId :

MW-21

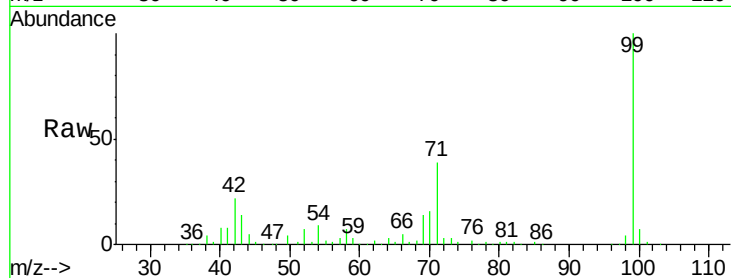
Tgt Ion: 99 Resp: 436214

Ion Ratio Lower Upper

99 100

42 22.4 16.6 25.0

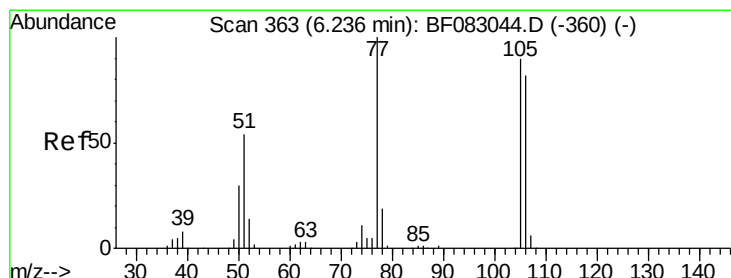
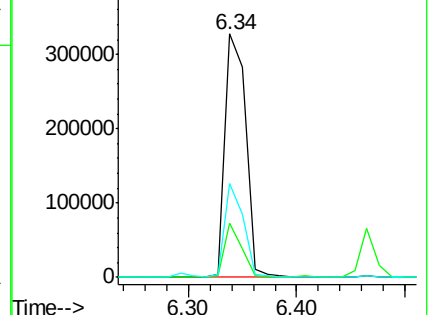
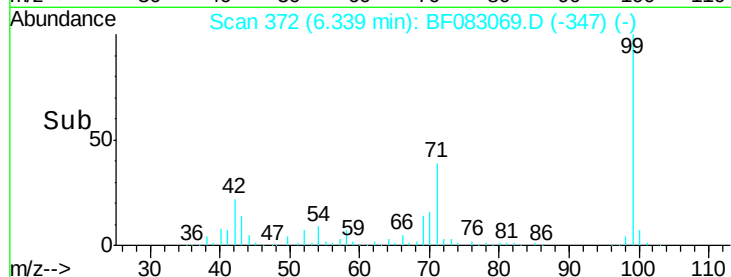
71 38.8 29.2 43.8



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



#9

Benzaldehyde

Concen: 2.76 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.23 min

Lab File: BF083069.D

Acq: 20 Nov 2015 8:17

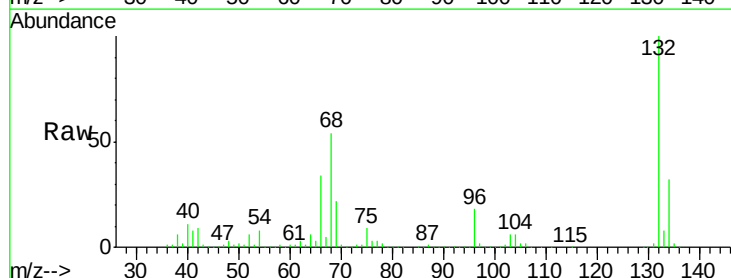
Tgt Ion: 77 Resp: 20886

Ion Ratio Lower Upper

77 100

105 74.2 69.6 109.6

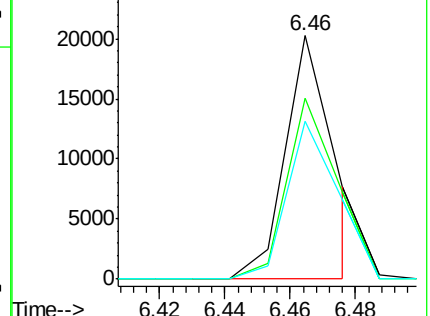
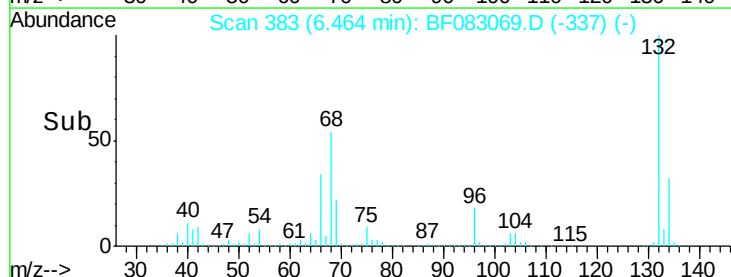
106 65.0 62.0 102.0

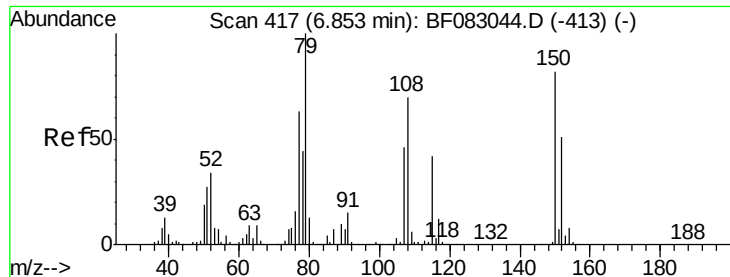


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

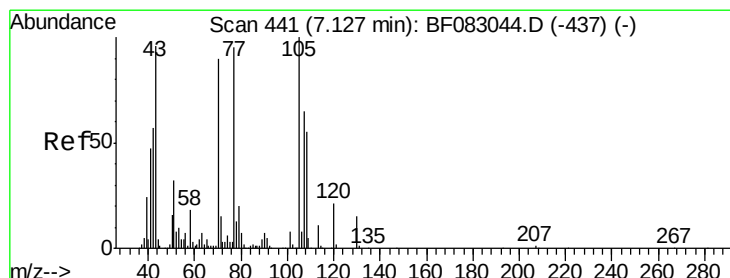
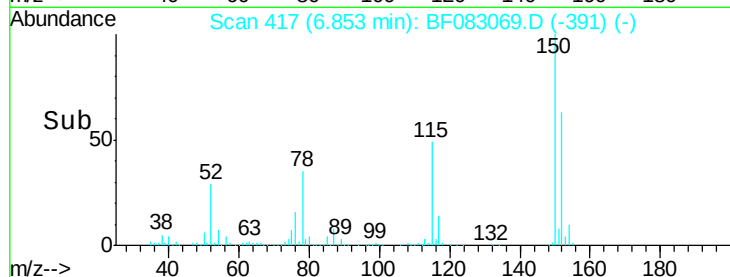
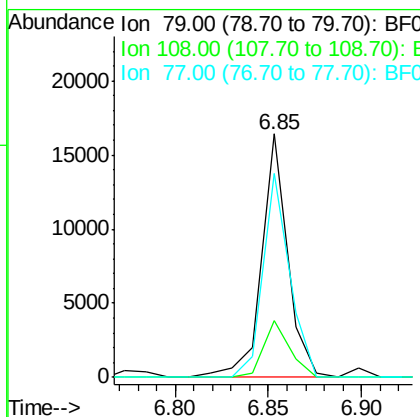
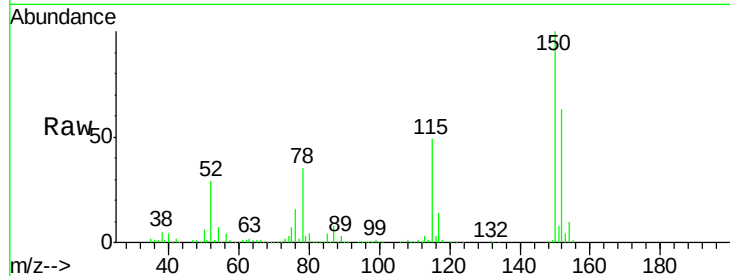




#15
Benzyl Alcohol
Concen: 2.02 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF083069.D
Acq: 20 Nov 2015 8:17

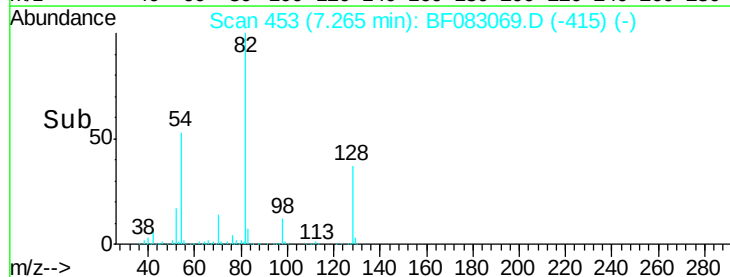
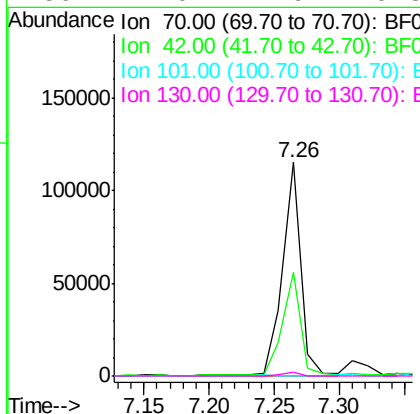
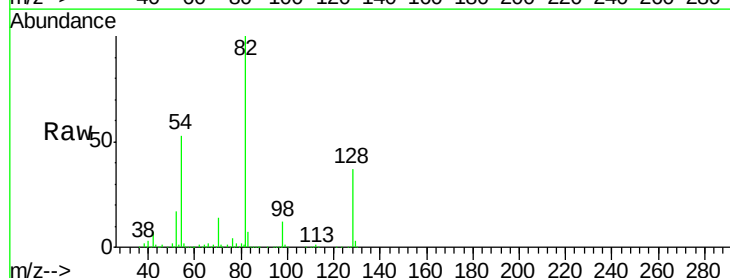
Instrument :
BNA_F
ClientSampled :
MW-21

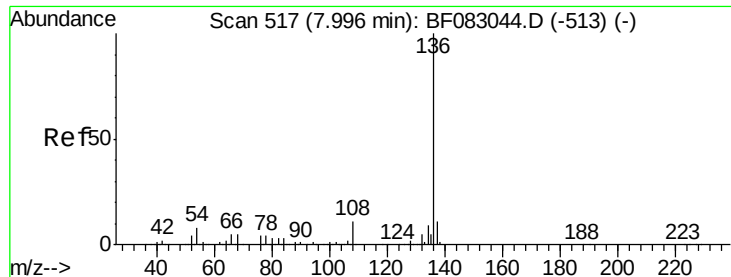
Tgt Ion: 79 Resp: 15844
Ion Ratio Lower Upper
79 100
108 23.1 55.7 83.5#
77 83.8 50.7 76.1#



#19
n-Nitroso-di-n-propylamine
Concen: 16.67 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.14 min
Lab File: BF083069.D
Acq: 20 Nov 2015 8:17

Tgt Ion: 70 Resp: 116394
Ion Ratio Lower Upper
70 100
42 48.5 50.2 75.2#
101 0.0 6.8 10.2#
130 2.0 12.9 19.3#

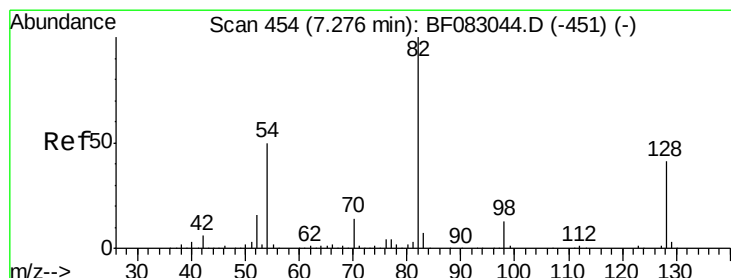
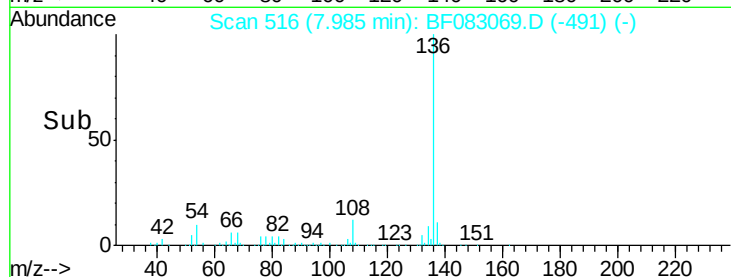
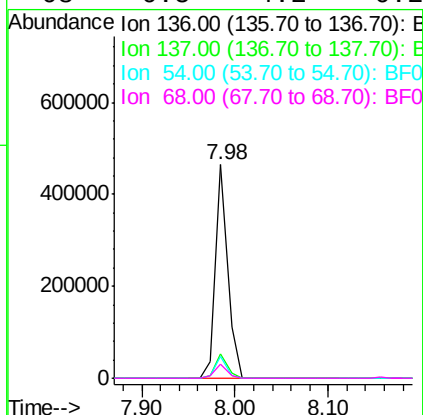
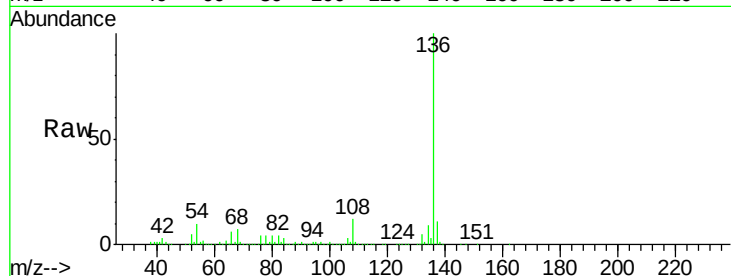




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083069.D
Acq: 20 Nov 2015 8:17

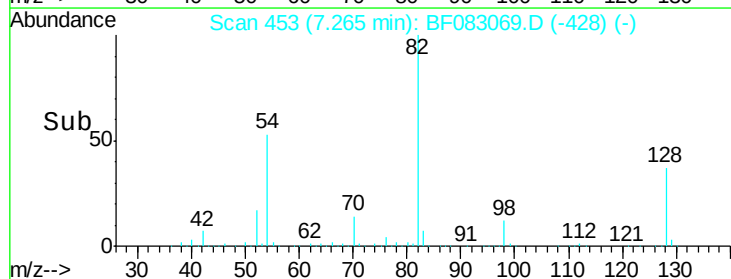
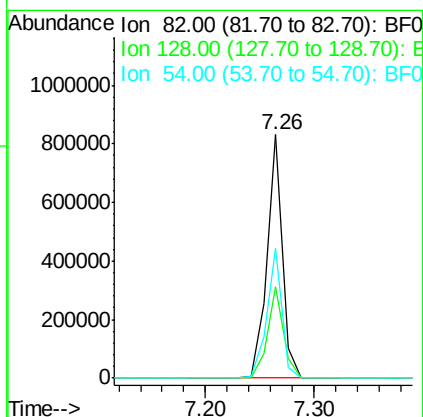
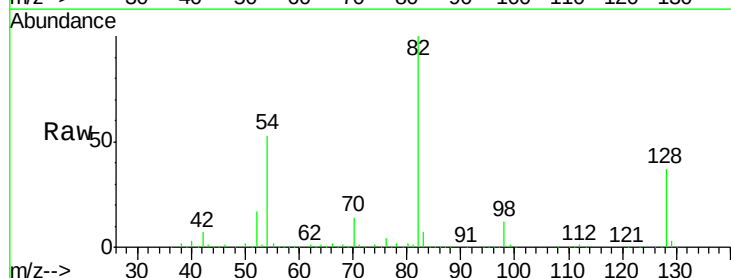
Instrument :
BNA_F
ClientSampleId :
MW-21

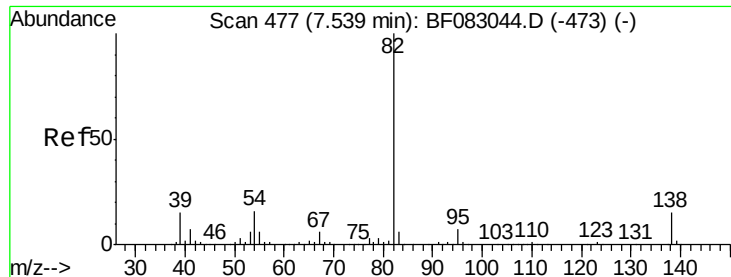
Tgt Ion:	136	Resp:	422073
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	10.0	6.2	9.2#
68	6.5	4.2	6.2#



#23
Nitrobenzene-d5
Concen: 89.66 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083069.D
Acq: 20 Nov 2015 8:17

Tgt Ion:	82	Resp:	826594
Ion	Ratio	Lower	Upper
82	100		
128	37.3	33.1	49.7
54	53.2	39.8	59.6





#25

Isophorone

Concen: 36.87 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.27 min

Lab File: BF083069.D

Acq: 20 Nov 2015 8:17

Instrument :

BNA_F

ClientSampleId :

MW-21

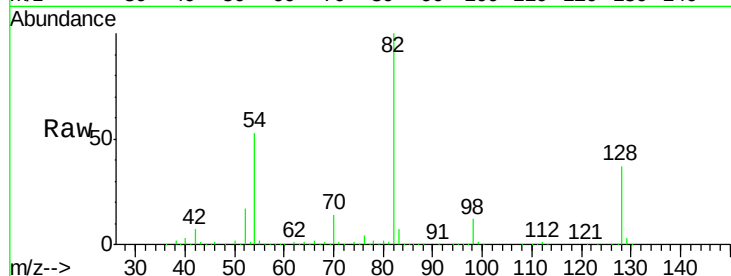
Tgt Ion: 82 Resp: 641077

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 12.2 18.4#

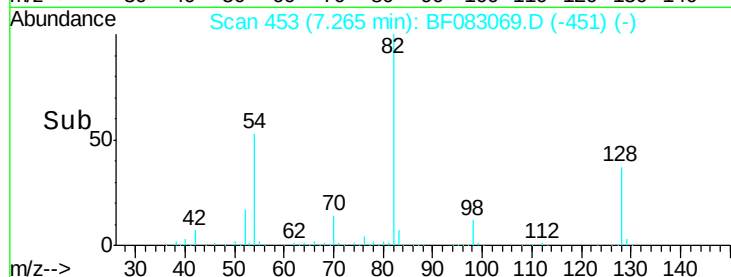


Abundance Ion 82.00 (81.70 to 82.70): BF0

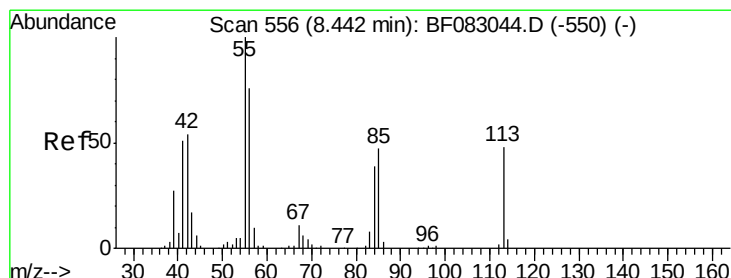
Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

Time-->



Time-->



#35

Caprolactam

Concen: 2.47 ng

RT: 8.41 min Scan# 553

Delta R.T. -0.03 min

Lab File: BF083069.D

Acq: 20 Nov 2015 8:17

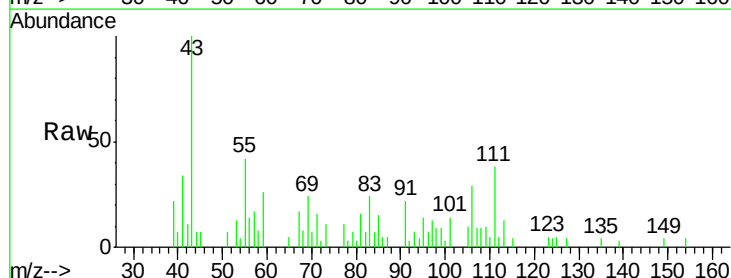
Tgt Ion: 113 Resp: 5109

Ion Ratio Lower Upper

113 100

55 316.3 189.1 229.1#

56 105.6 137.9 177.9#

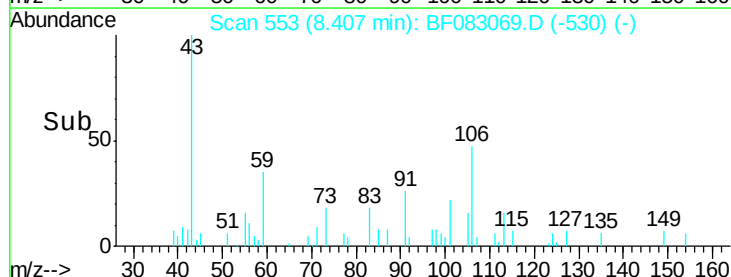


Abundance Ion 113.00 (112.70 to 113.70): BF0

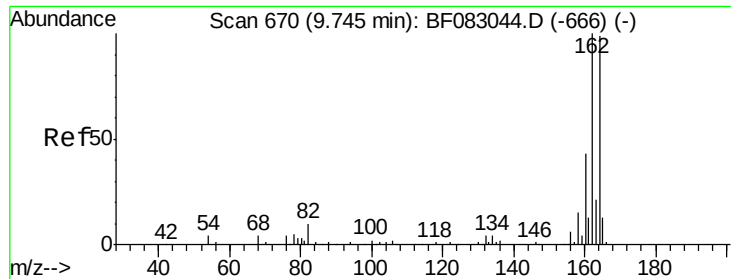
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

Time-->



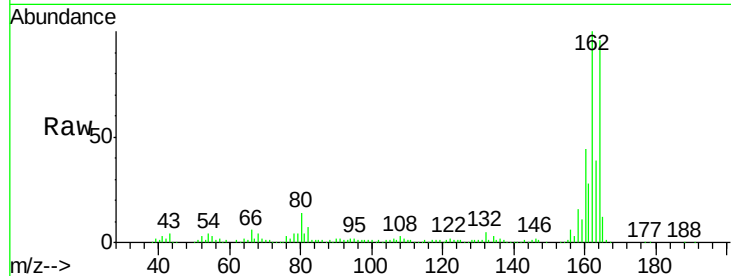
Time-->



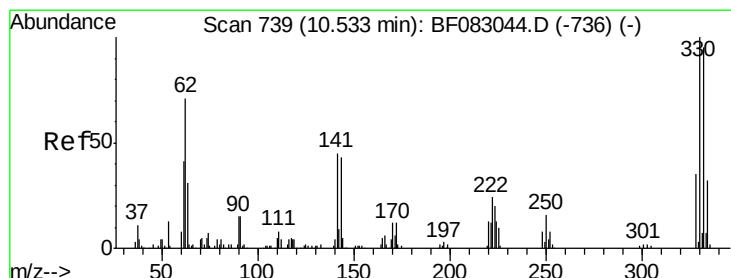
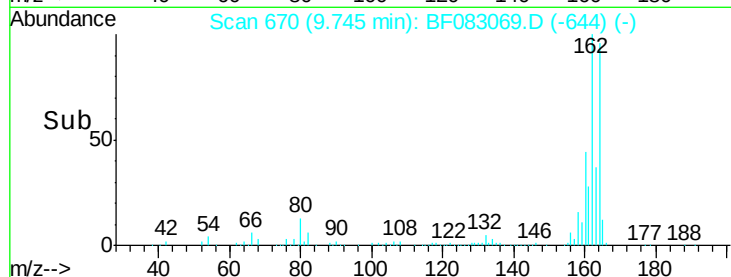
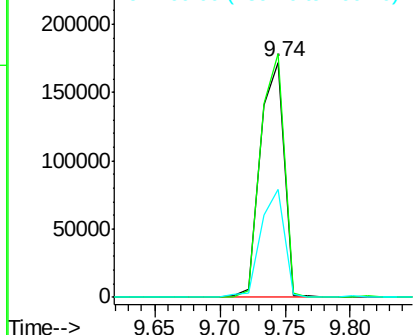
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083069.D
Acq: 20 Nov 2015 8:17

Instrument :
BNA_F
ClientSampleId :
MW-21

Tgt Ion:164 Resp: 221913
Ion Ratio Lower Upper
164 100
162 103.7 80.5 120.7
160 46.0 35.0 52.4

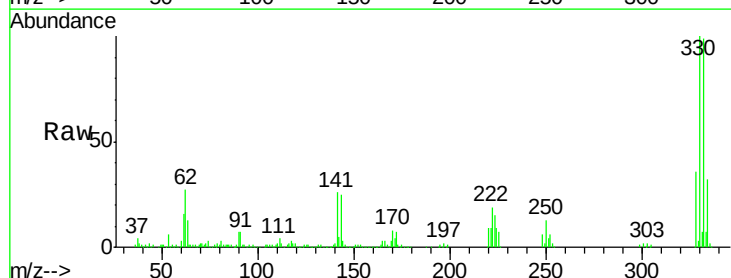


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

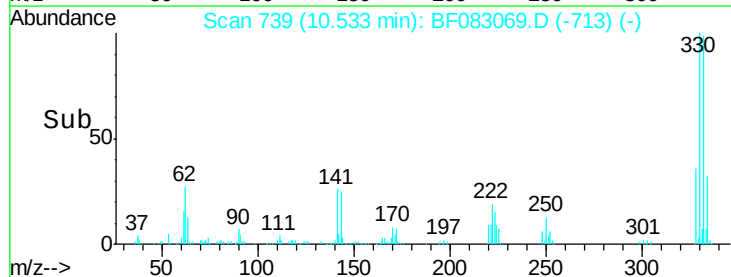
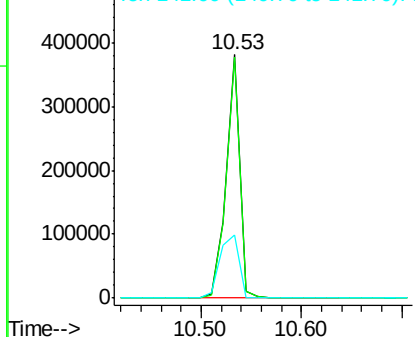


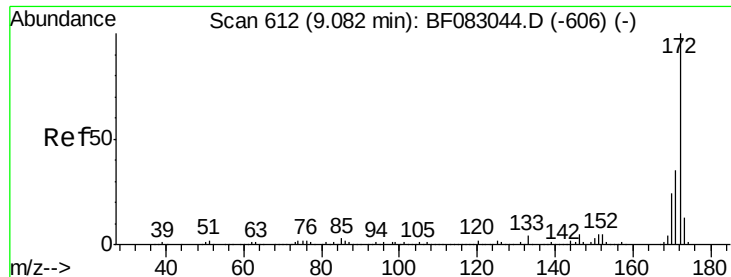
#41
2,4,6-Tribromophenol
Concen: 152.59 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF083069.D
Acq: 20 Nov 2015 8:17

Tgt Ion:330 Resp: 359512
Ion Ratio Lower Upper
330 100
332 98.7 77.6 116.4
141 36.5 34.6 52.0



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

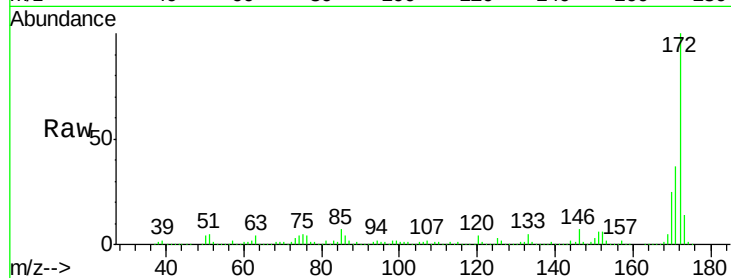




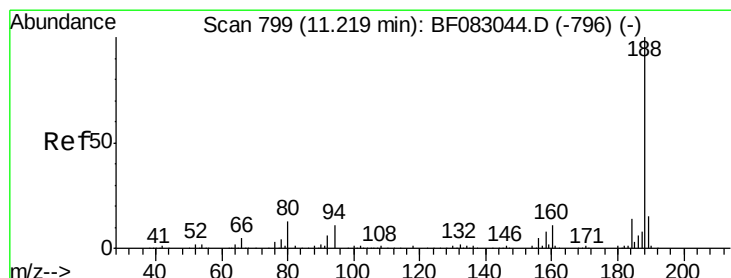
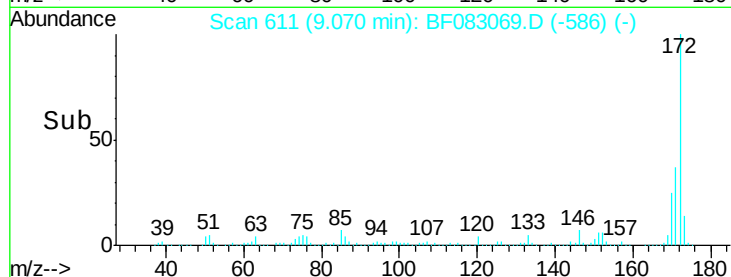
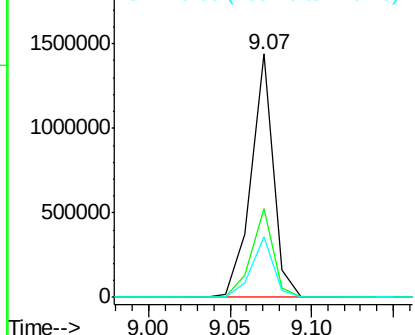
#44
 2-Fluorobiphenyl
 Concen: 83.13 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083069.D
 Acq: 20 Nov 2015 8:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-21

Tgt Ion:172 Resp: 1369681
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.2 42.4
 170 25.0 19.4 29.0

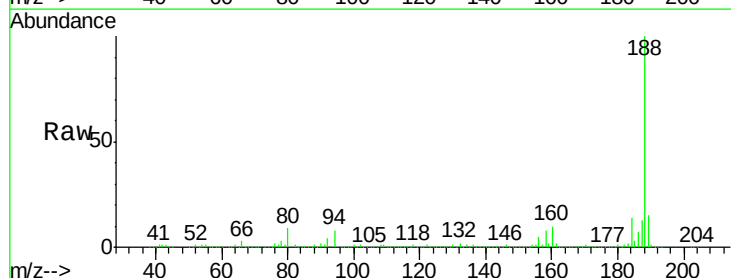


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

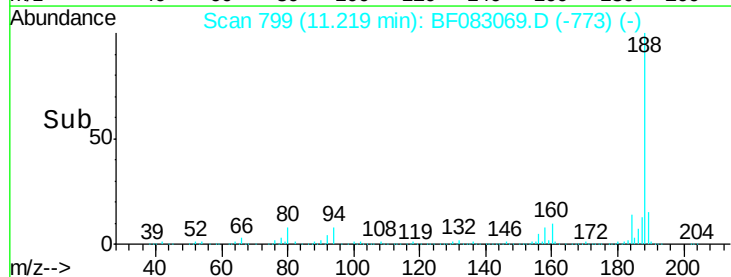
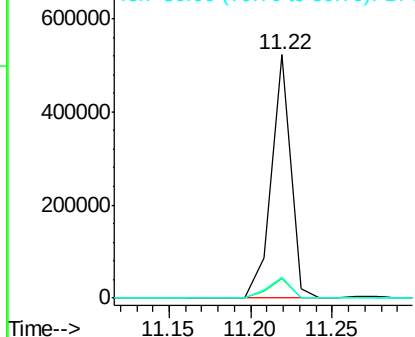


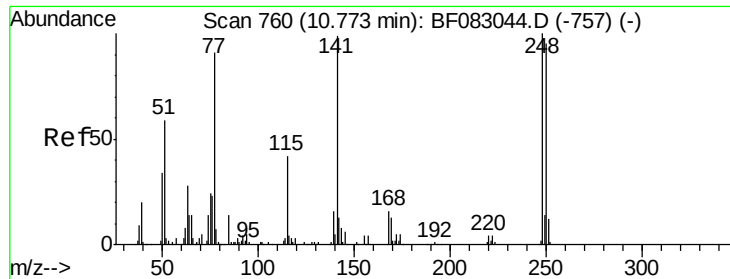
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF083069.D
 Acq: 20 Nov 2015 8:17

Tgt Ion:188 Resp: 433734
 Ion Ratio Lower Upper
 188 100
 94 8.2 9.0 13.4#
 80 8.5 10.2 15.4#



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

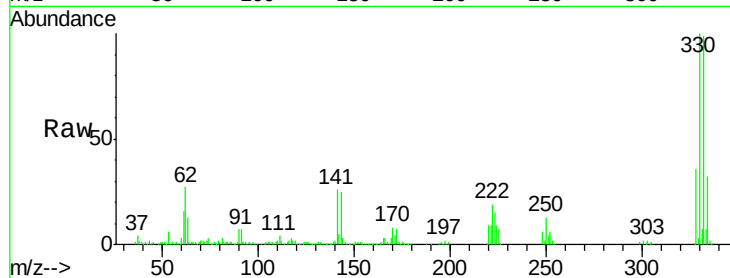




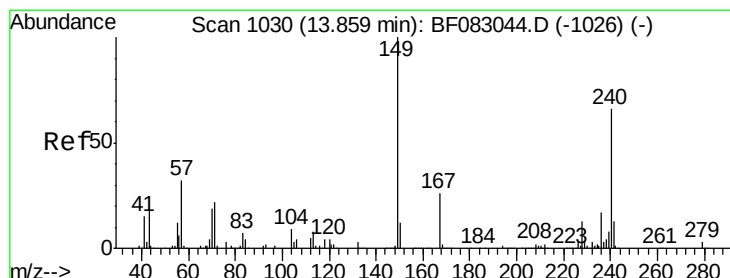
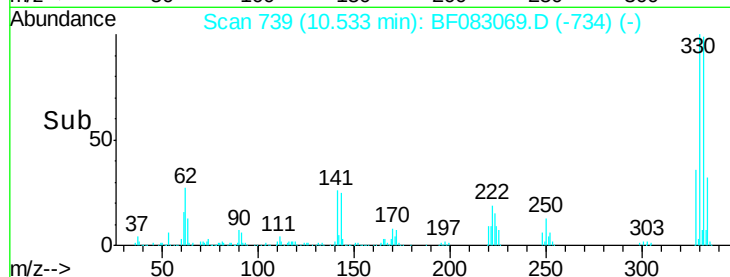
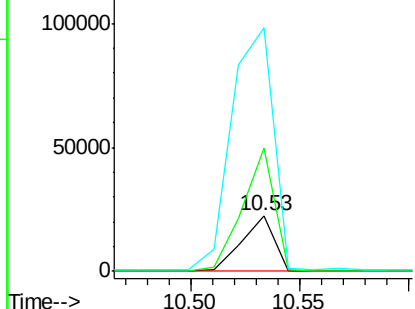
#66
 4-Bromophenyl-phenylether
 Concen: 4.67 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.24 min
 Lab File: BF083069.D
 Acq: 20 Nov 2015 8:17

Instrument :
 BNA_F
 ClientSampled :
 MW-21

Tgt Ion: 248 Resp: 23471
 Ion Ratio Lower Upper
 248 100
 250 220.2 76.1 114.1#
 141 434.7 79.2 118.8#

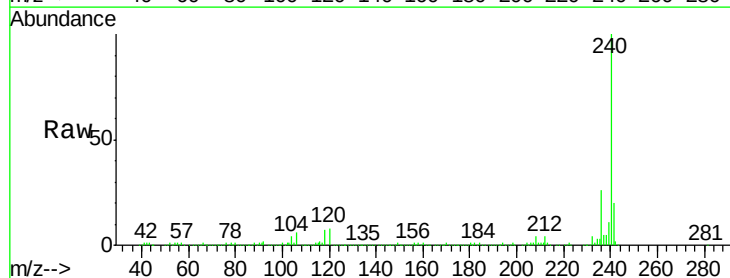


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

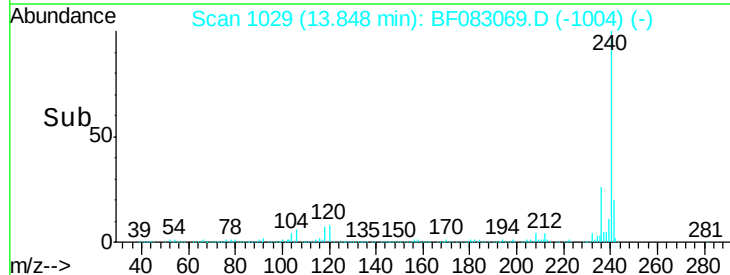
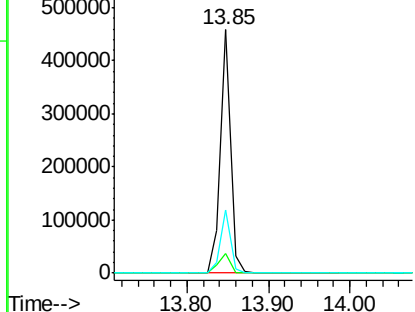


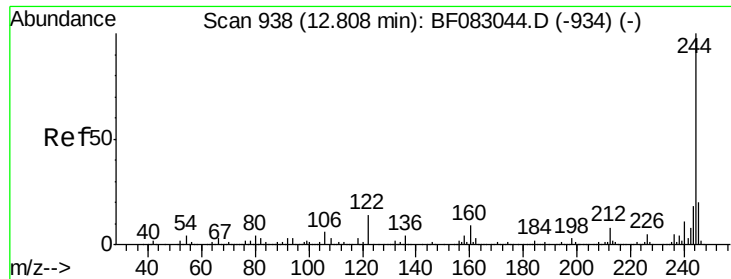
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF083069.D
 Acq: 20 Nov 2015 8:17

Tgt Ion: 240 Resp: 397534
 Ion Ratio Lower Upper
 240 100
 120 8.2 5.3 7.9#
 236 26.0 20.4 30.6



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

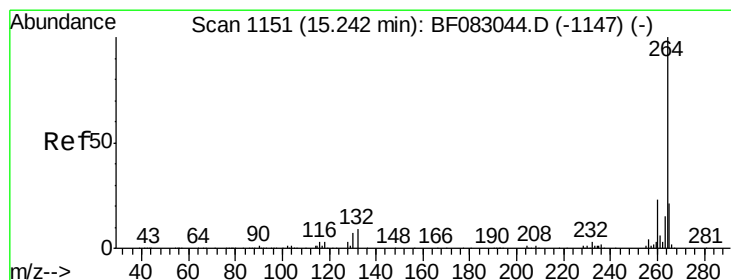
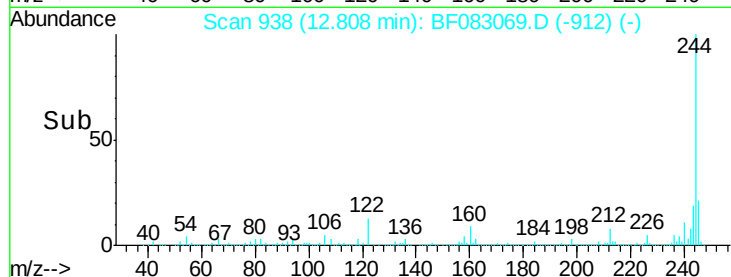
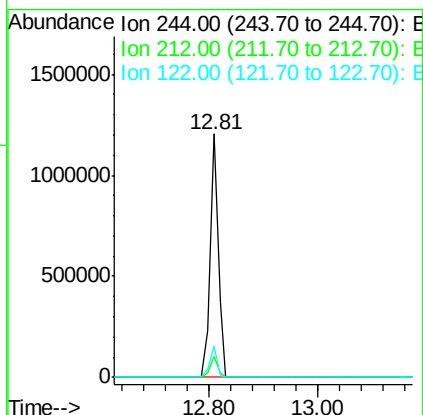
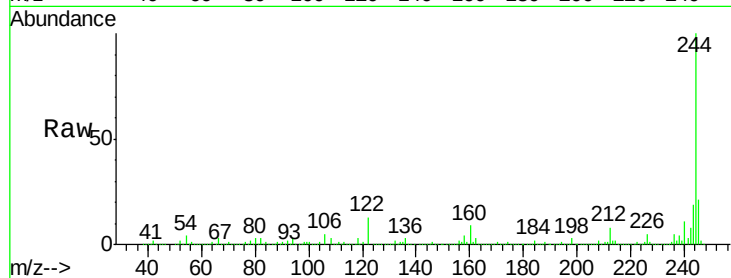




#78
 Terphenyl-d14
 Concen: 74.17 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF083069.D
 Acq: 20 Nov 2015 8:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-21

Tgt Ion:244 Resp: 1248997
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.4 9.6
 122 12.6 10.9 16.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF083069.D
 Acq: 20 Nov 2015 8:17

Tgt Ion:264 Resp: 312656
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.3 17.0 25.6

