

Data Path : Z:\HPCHEM1\BNA F\Data\BF112015\
 Data File : BF083093.D
 Acq On : 20 Nov 2015 21:29
 Operator : UM/IZ
 Sample : G4452-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 00:05:59 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

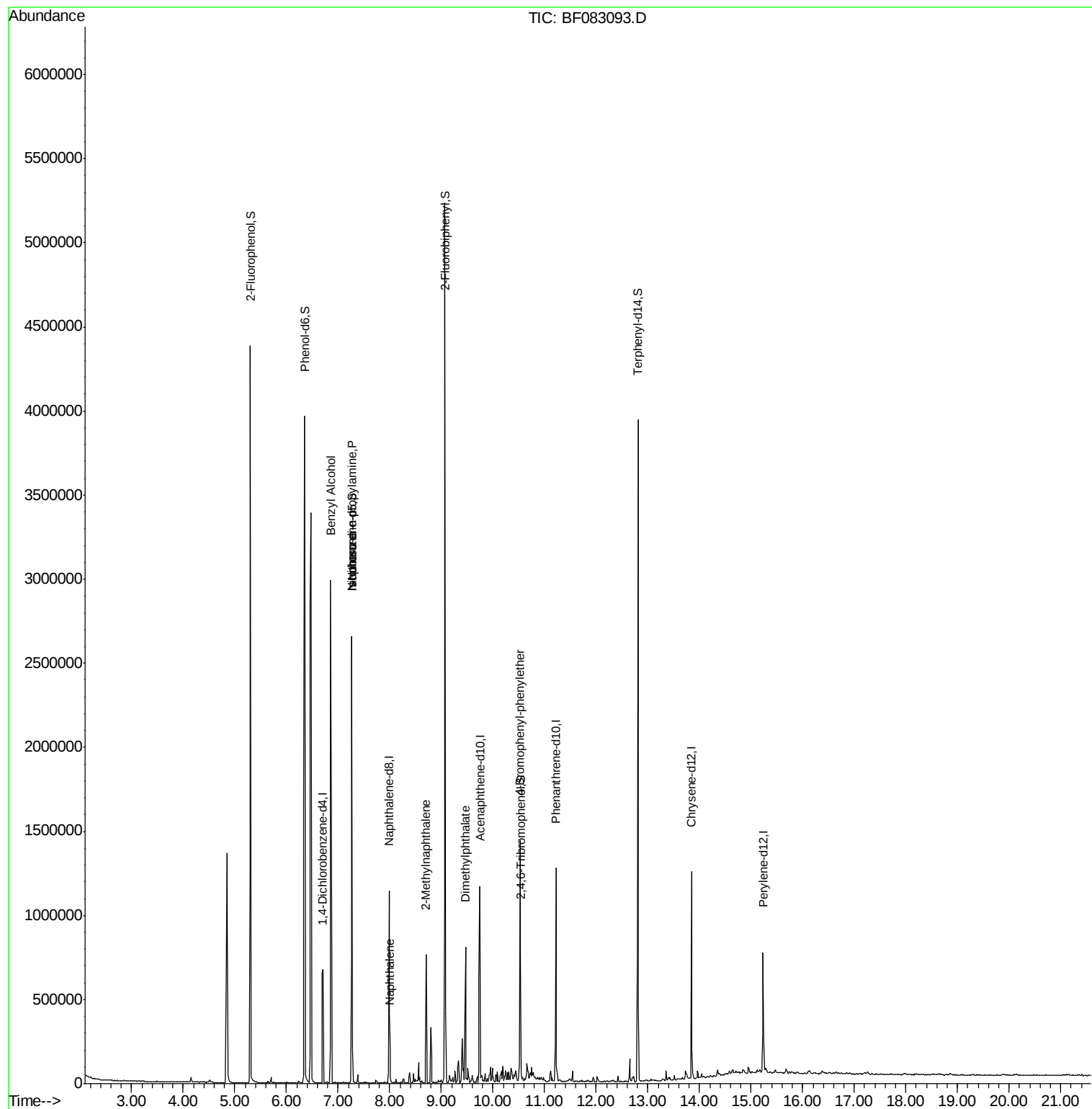
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	151406	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	521830	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	260608	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	435403	20.00	ng	0.00
75) Chrysene-d12	13.85	240	395439	20.00	ng	-0.01
86) Perylene-d12	15.23	264	309445	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1144097	117.37	ng	0.01
7) Phenol-d6	6.35	99	1442805	112.38	ng	0.00
23) Nitrobenzene-d5	7.26	82	890807	78.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	198822	71.86	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1496390	77.33	ng	-0.01
78) Terphenyl-d14	12.81	244	1135028	67.76	ng	0.00
Target Compounds						
9) Benzaldehyde	6.24	77	3570	Below Cal		98
15) Benzyl Alcohol	6.85	79	30310	2.87 ng	#	71
19) n-Nitroso-di-n-propylamine	7.26	70	120741	12.87 ng	#	76
25) Isophorone	7.26	82	698048	32.47 ng	#	69
31) Naphthalene	8.01	128	77211	2.84 ng		98
37) 2-Methylnaphthalene	8.70	142	199636	11.03 ng		96
49) Dimethylphthalate	9.47	163	402260	18.75 ng		98
66) 4-Bromophenyl-phenylether	10.52	248	12986	2.58 ng	#	1

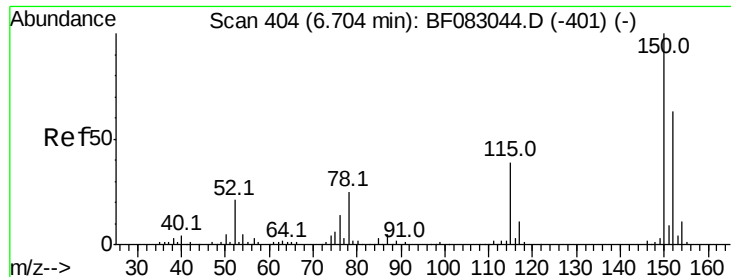
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083093.D

Acq: 20 Nov 2015 21:29

Instrument :

BNA_F

ClientSampleId :

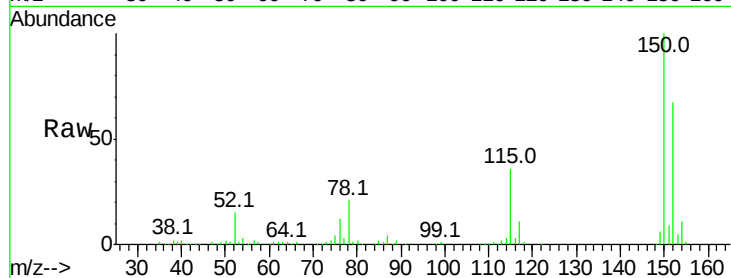
Tot Ion:152 Resp: 151406

Ion Ratio Lower Upper

152 100

150 150.3 126.4 189.6

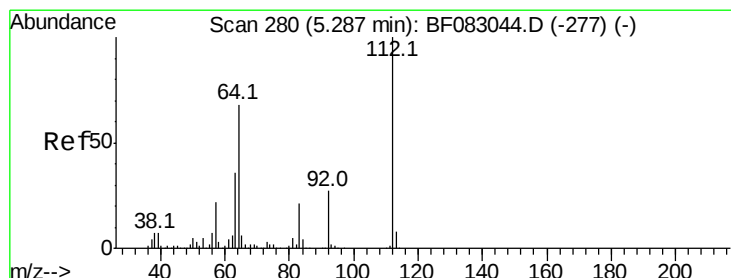
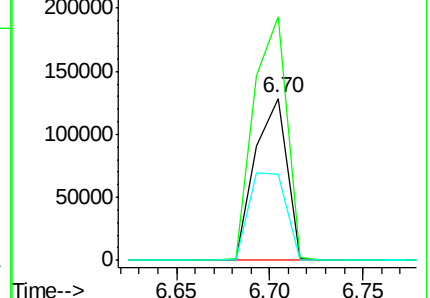
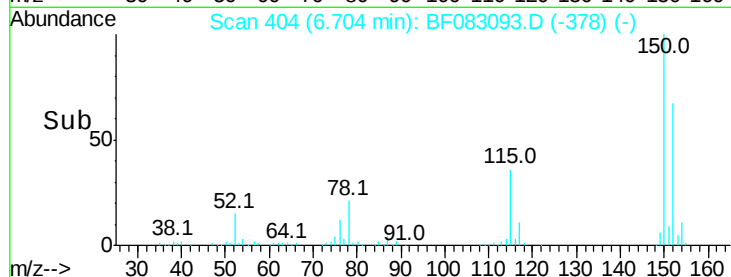
115 53.4 49.0 73.6



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: 117.37 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF083093.D

Acq: 20 Nov 2015 21:29

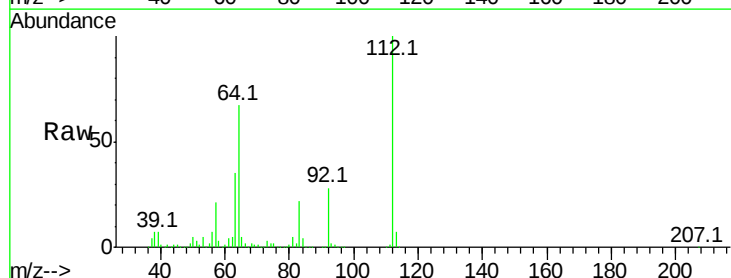
Tgt Ion:112 Resp: 1144097

Ion Ratio Lower Upper

112 100

64 67.5 54.8 82.2

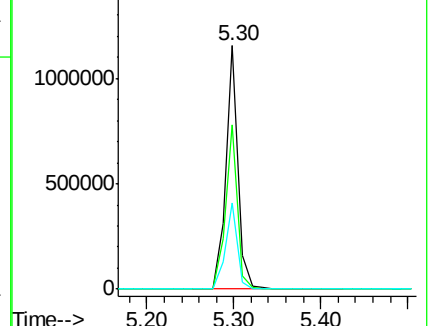
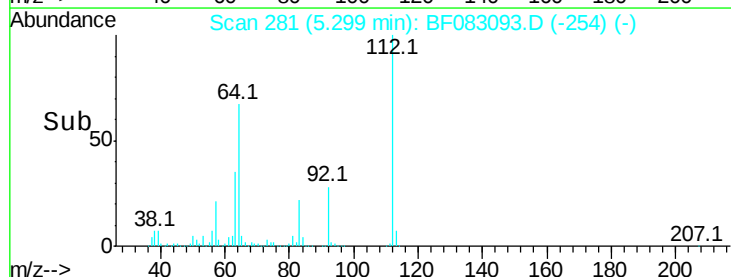
63 35.4 29.0 43.4

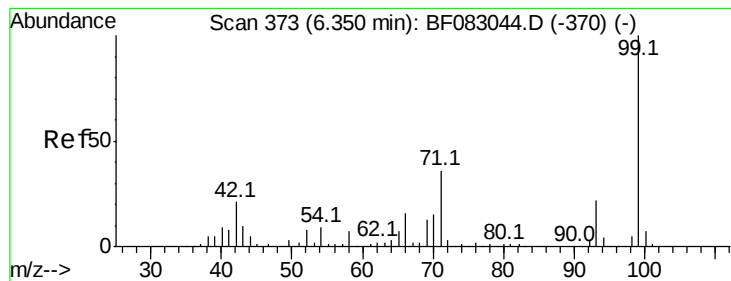


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.38 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF083093.D

Acq: 20 Nov 2015 21:29

Instrument :

BNA_F

ClientSampleId :

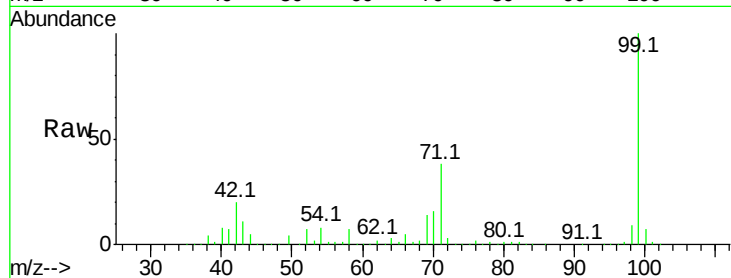
Tot Ion: 99 Resp: 1442805

Ion Ratio Lower Upper

99 100

42 20.2 16.6 25.0

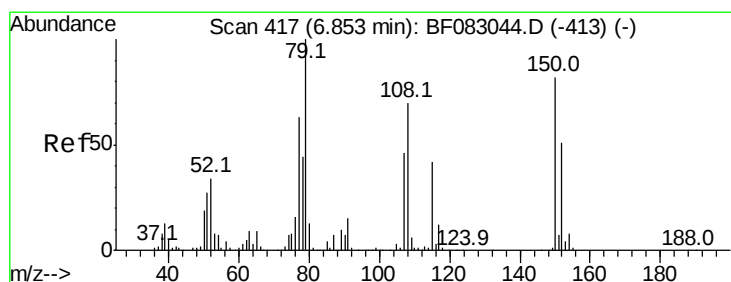
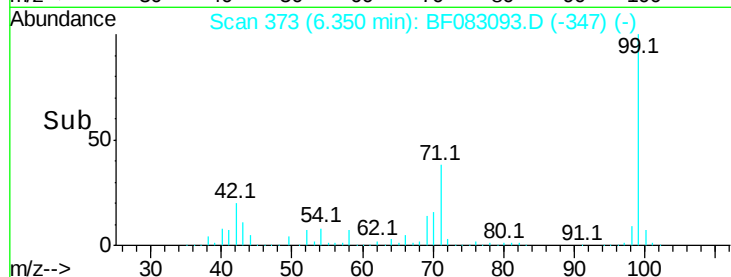
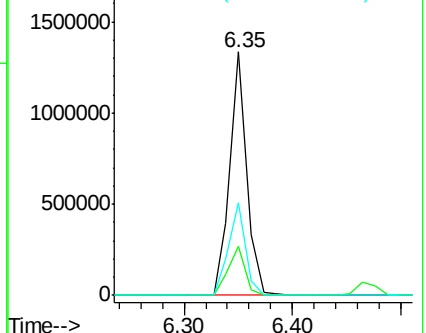
71 37.8 29.2 43.8



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



#15

Benzyl Alcohol

Concen: 2.87 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF083093.D

Acq: 20 Nov 2015 21:29

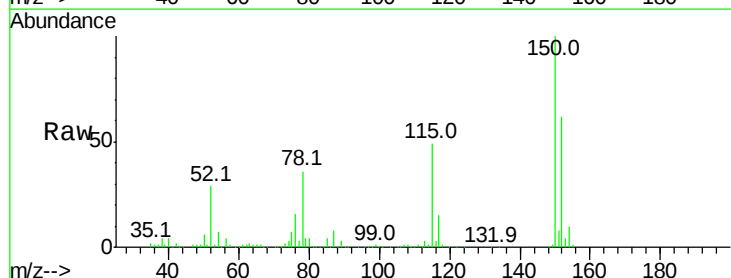
Tgt Ion: 79 Resp: 30310

Ion Ratio Lower Upper

79 100

108 34.3 55.7 83.5#

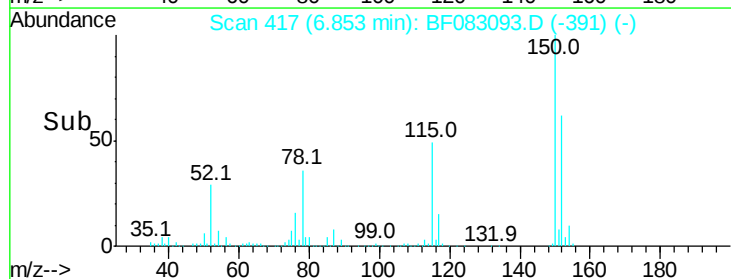
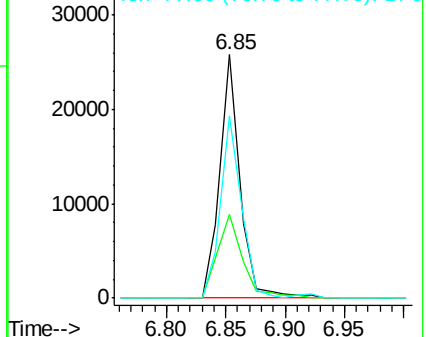
77 74.6 50.7 76.1

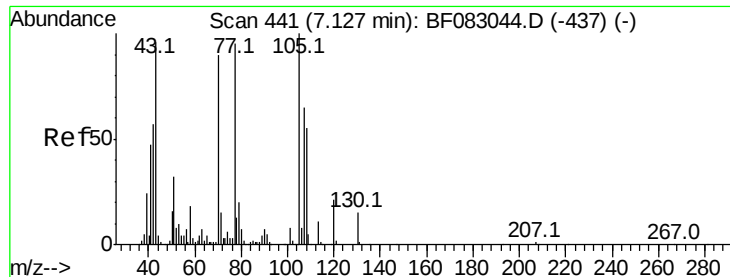


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 12.87 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.14 min

Lab File: BF083093.D

Acq: 20 Nov 2015 21:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 120741

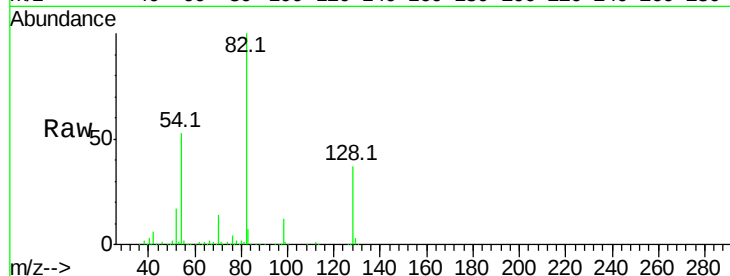
Ion Ratio Lower Upper

70 100

42 46.5 50.2 75.2#

101 0.0 6.8 10.2#

130 2.0 12.9 19.3#

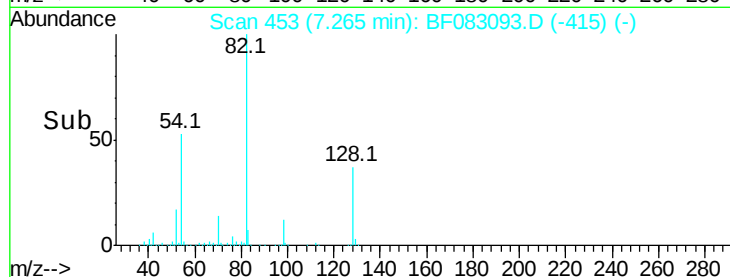
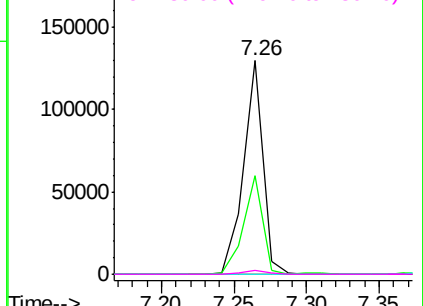


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF083093.D

Acq: 20 Nov 2015 21:29

Tgt Ion:136 Resp: 521830

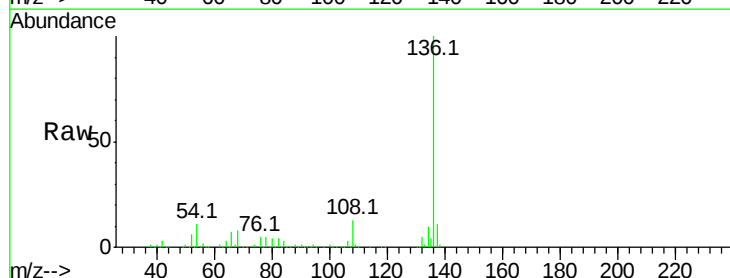
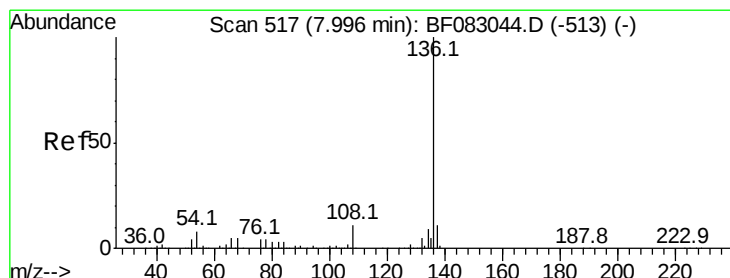
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 11.4 6.2 9.2#

68 7.6 4.2 6.2#

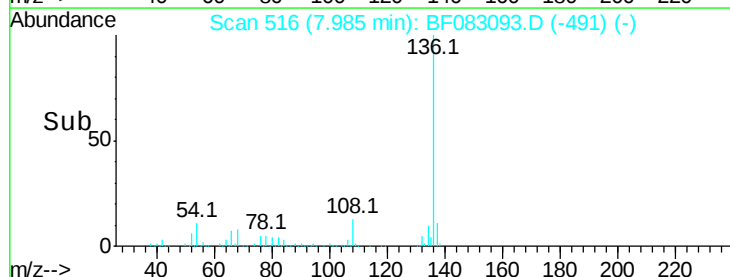
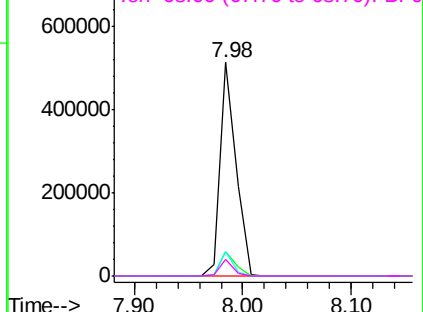


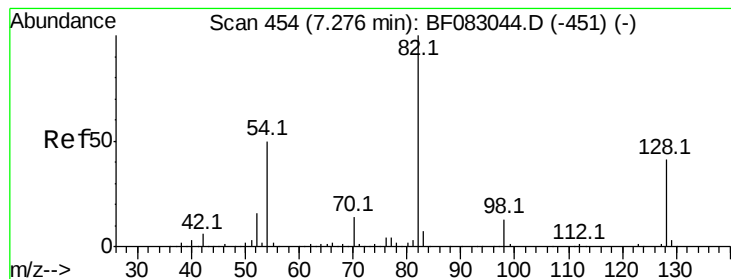
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 78.15 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF083093.D

Acq: 20 Nov 2015 21:29

Instrument :

BNA_F

ClientSampleID :

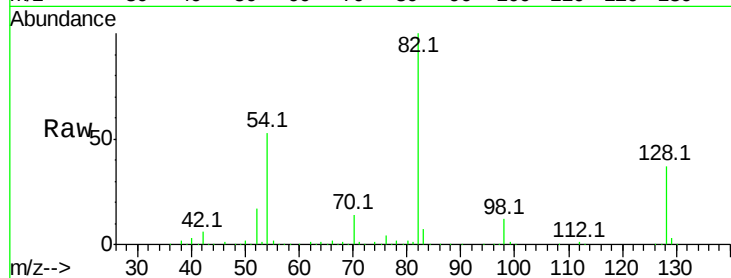
Tot Ion: 82 Resp: 890807

Ion Ratio Lower Upper

82 100

128 37.3 33.1 49.7

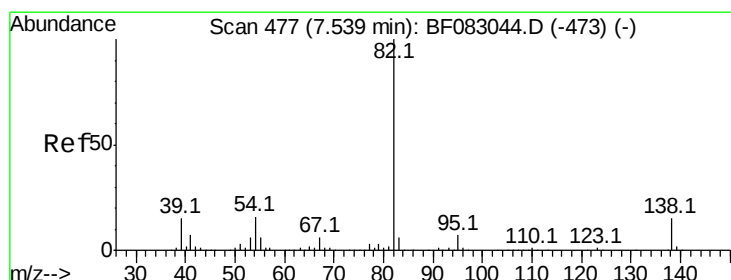
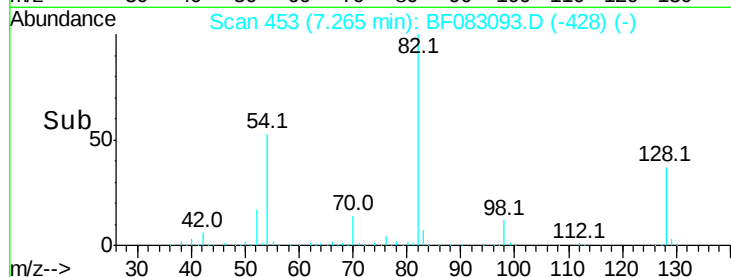
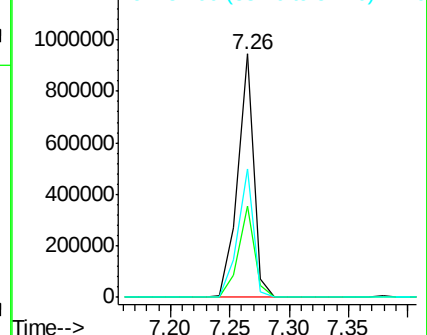
54 52.5 39.8 59.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 32.47 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.27 min

Lab File: BF083093.D

Acq: 20 Nov 2015 21:29

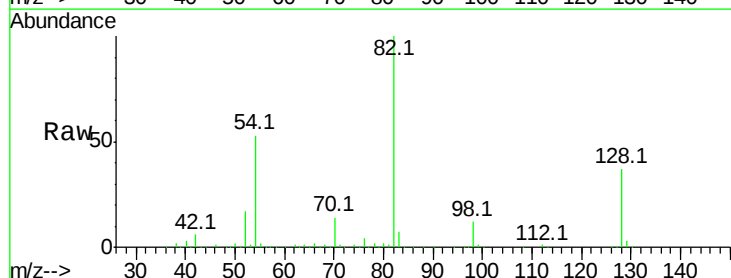
Tgt Ion: 82 Resp: 698048

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

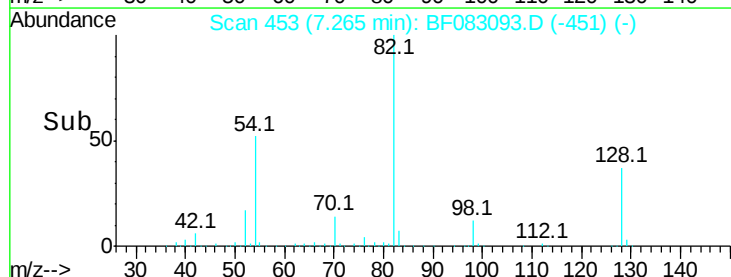
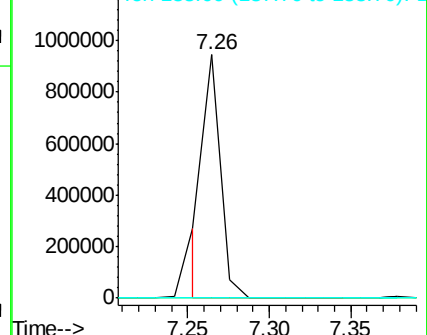
138 0.0 12.2 18.4#

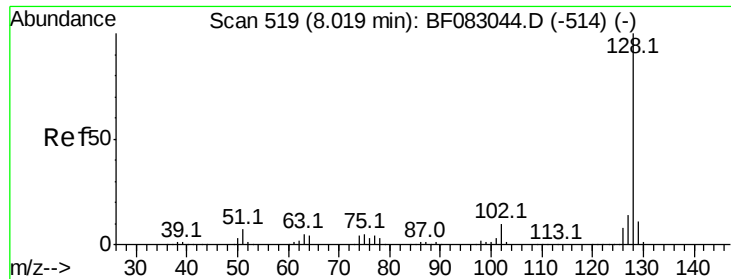


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

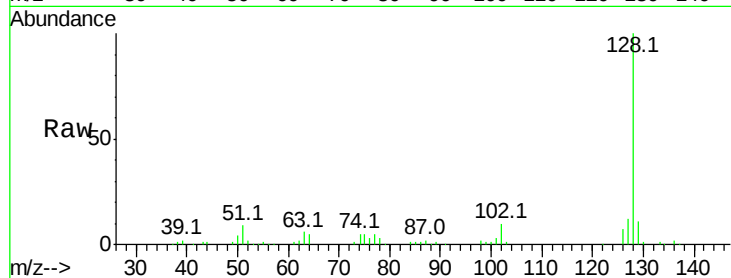




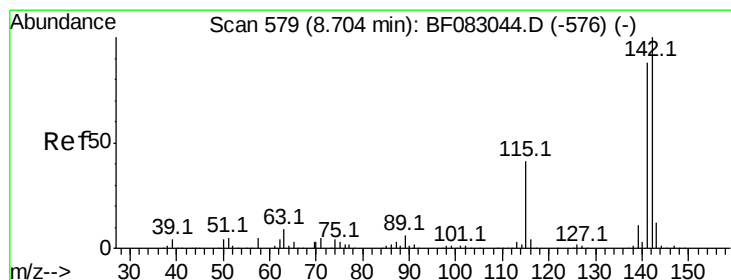
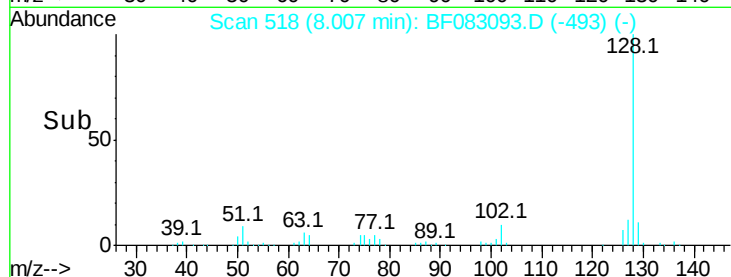
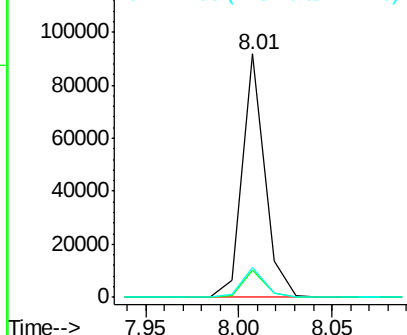
#31
Naphthalene
Concen: 2.84 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF083093.D
Acq: 20 Nov 2015 21:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 77211
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 12.1 10.9 16.3

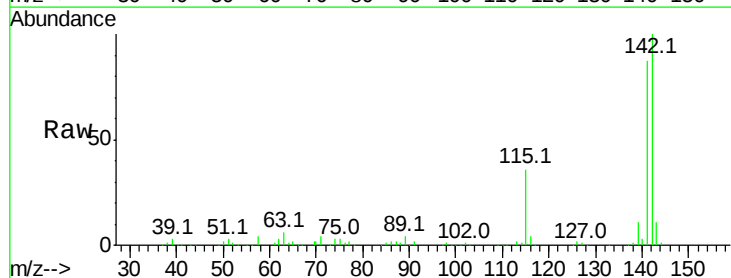


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

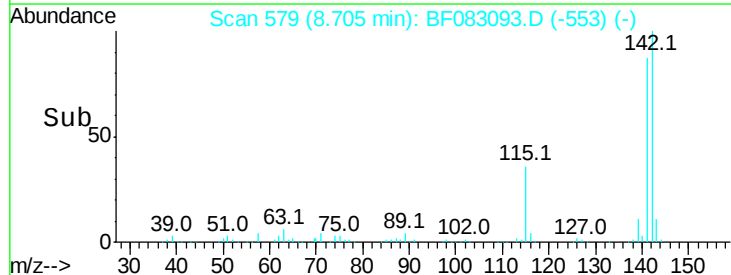
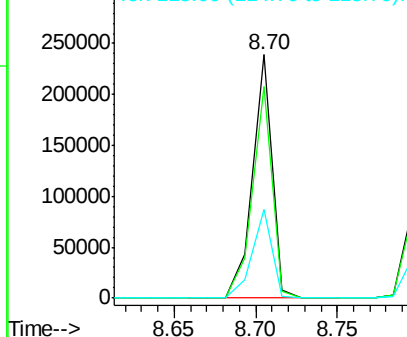


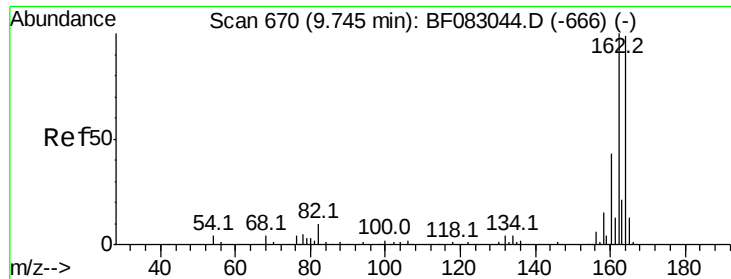
#37
2-Methylnaphthalene
Concen: 11.03 ng
RT: 8.70 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF083093.D
Acq: 20 Nov 2015 21:29

Tgt Ion:142 Resp: 199636
Ion Ratio Lower Upper
142 100
141 86.7 70.7 106.1
115 36.2 33.1 49.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

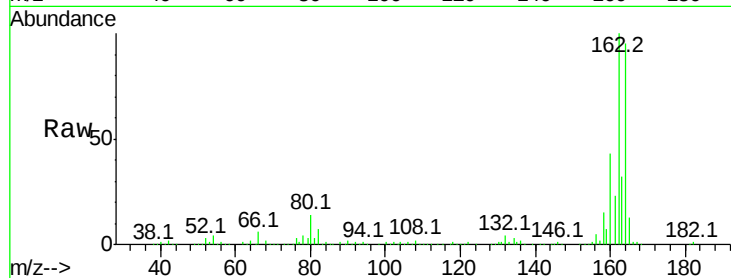




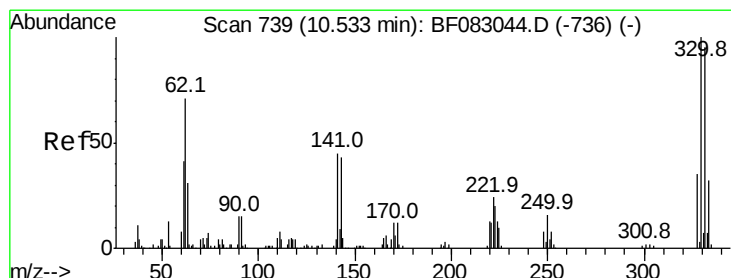
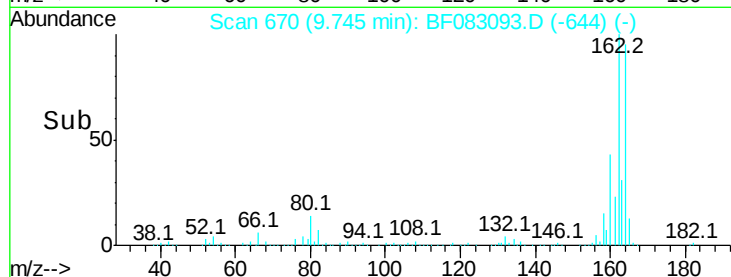
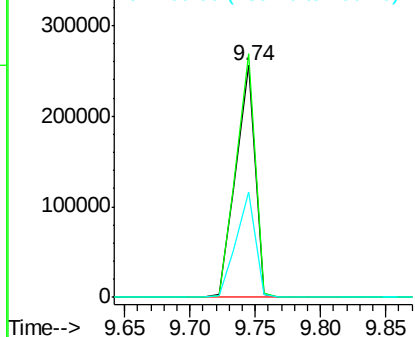
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083093.D
Acq: 20 Nov 2015 21:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 260608
Ion Ratio Lower Upper
164 100
162 105.0 80.5 120.7
160 45.2 35.0 52.4

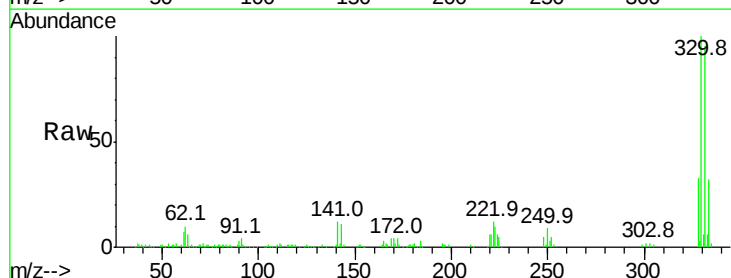


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

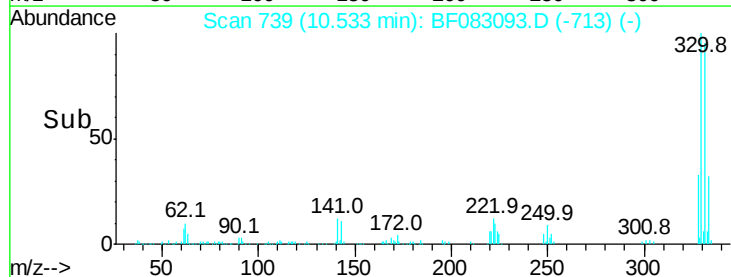
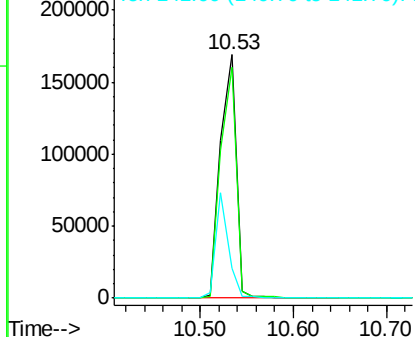


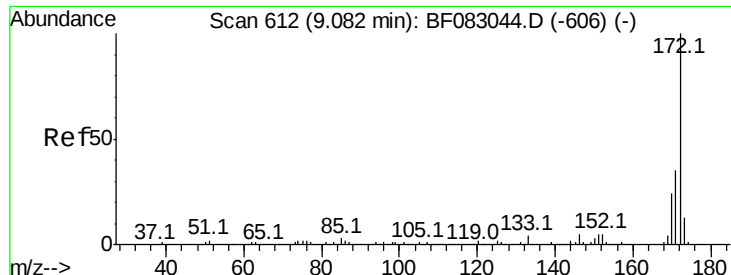
#41
2,4,6-Tribromophenol
Concen: 71.86 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF083093.D
Acq: 20 Nov 2015 21:29

Tgt Ion:330 Resp: 198822
Ion Ratio Lower Upper
330 100
332 94.3 77.6 116.4
141 35.3 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

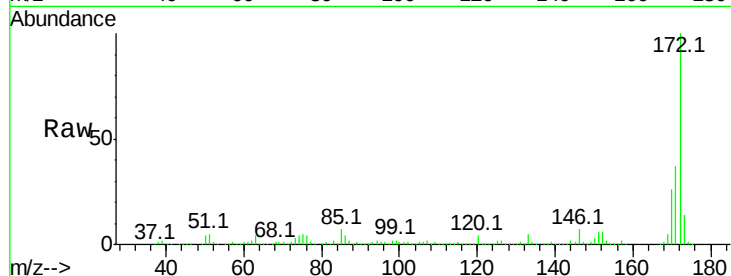




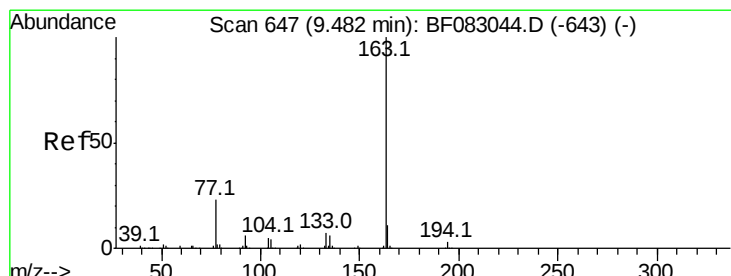
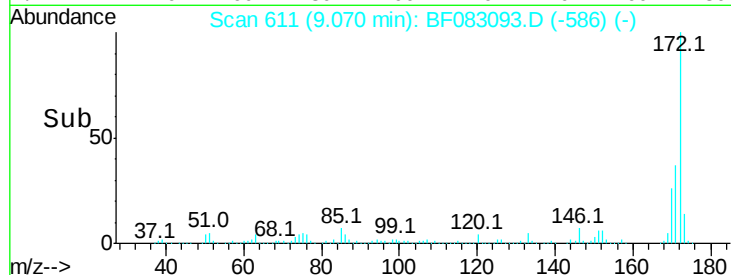
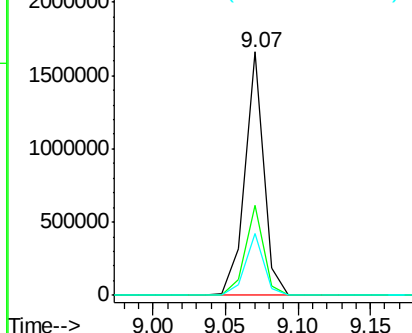
#44
2-Fluorobiphenyl
Concen: 77.33 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF083093.D
Acq: 20 Nov 2015 21:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1496390
Ion Ratio Lower Upper
172 100
171 36.8 28.2 42.4
170 25.5 19.4 29.0

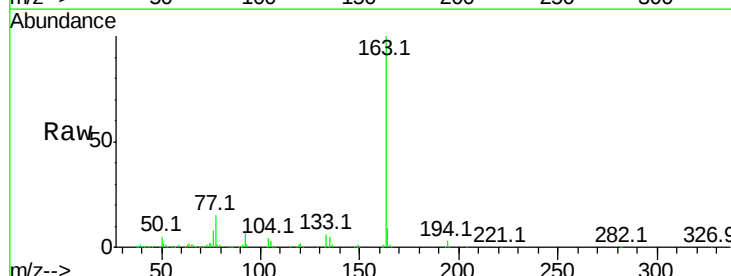


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

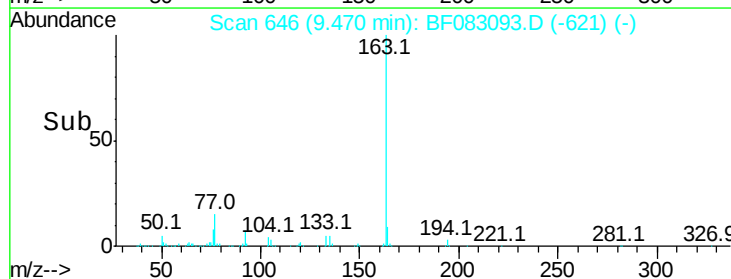
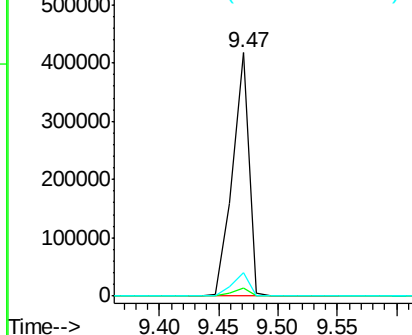


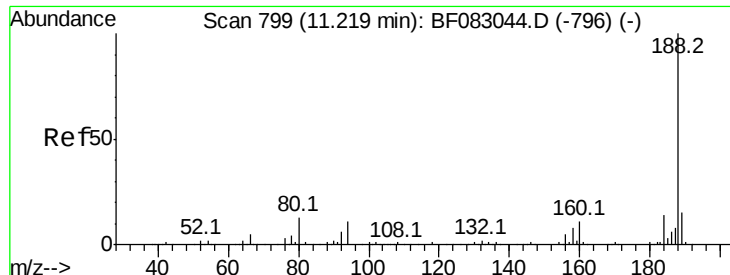
#49
Dimethylphthalate
Concen: 18.75 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF083093.D
Acq: 20 Nov 2015 21:29

Tgt Ion:163 Resp: 402260
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.4 8.5 12.7



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

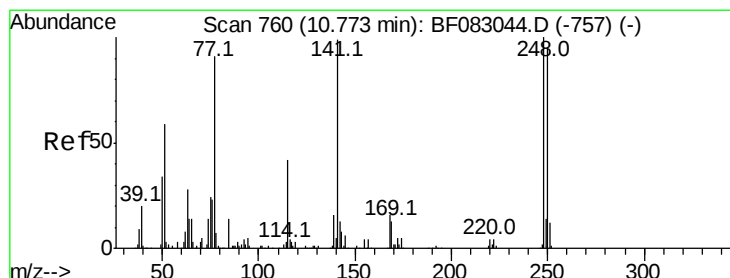
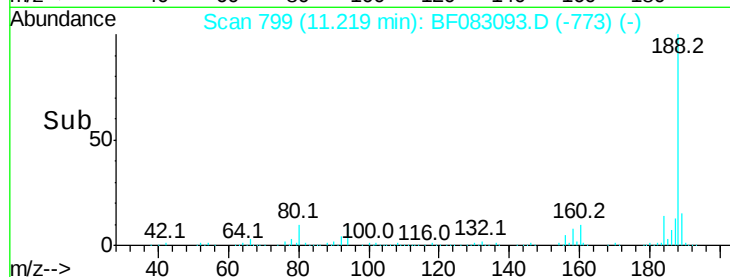
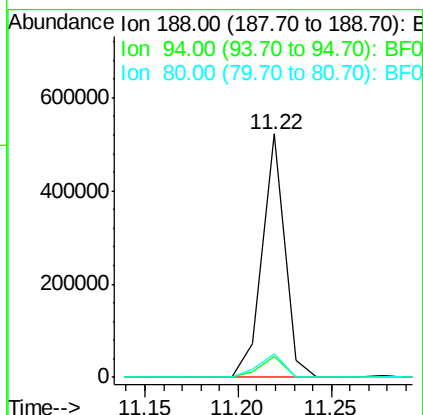
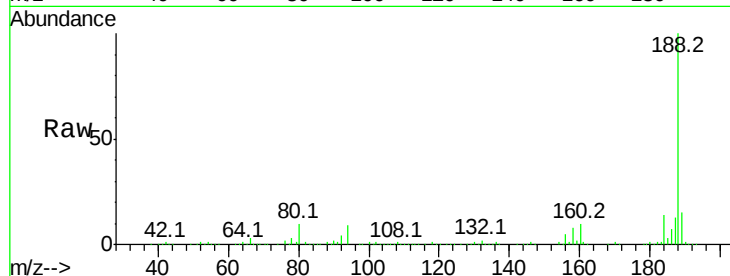




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF083093.D
 Acq: 20 Nov 2015 21:29

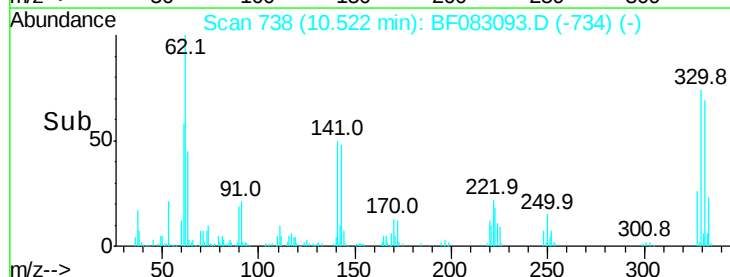
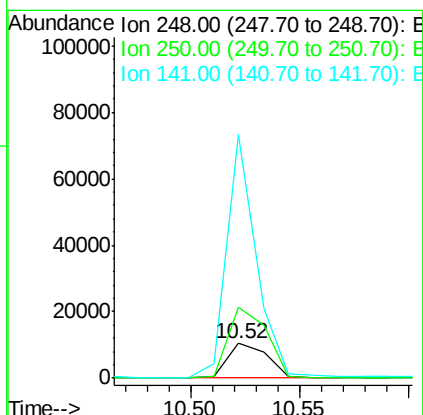
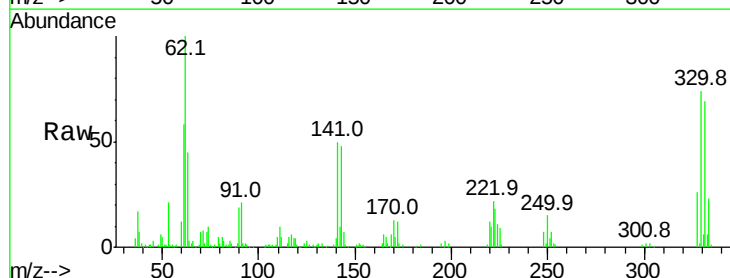
Instrument :
 BNA_F
 ClientSampleId :

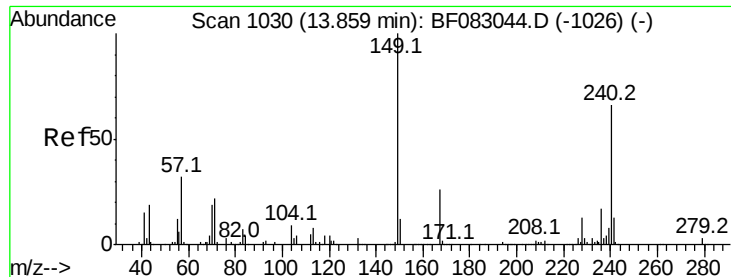
Tot Ion:188 Resp: 435403
 Ion Ratio Lower Upper
 188 100
 94 8.5 9.0 13.4#
 80 9.5 10.2 15.4#



#66
 4-Bromophenyl-phenylether
 Concen: 2.58 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.25 min
 Lab File: BF083093.D
 Acq: 20 Nov 2015 21:29

Tgt Ion:248 Resp: 12986
 Ion Ratio Lower Upper
 248 100
 250 204.4 76.1 114.1#
 141 701.2 79.2 118.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF083093.D

Acq: 20 Nov 2015 21:29

Instrument :

BNA_F

ClientSampleId :

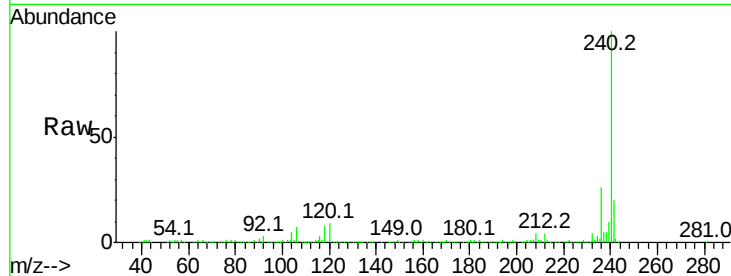
Tot Ion:240 Resp: 395439

Ion Ratio Lower Upper

240 100

120 9.2 5.3 7.9#

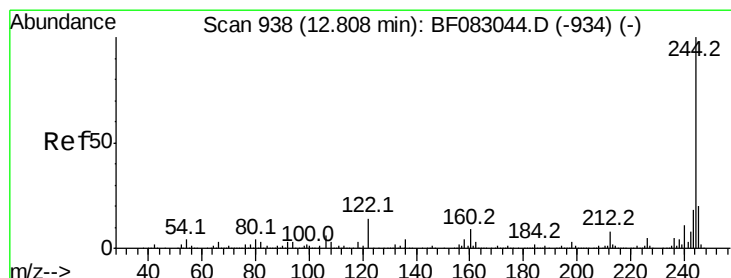
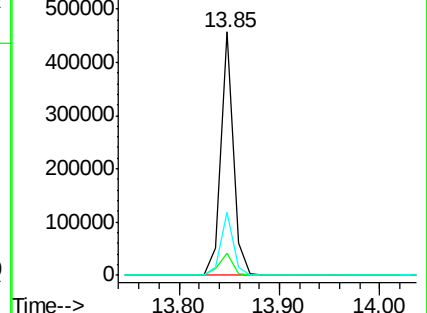
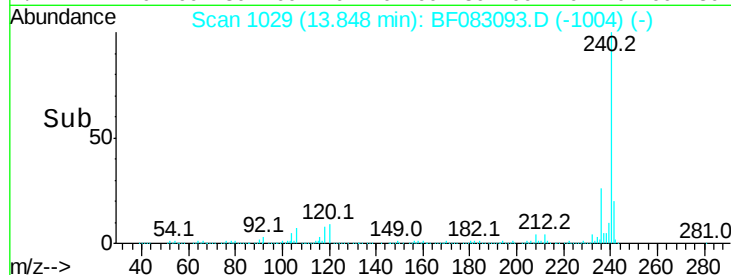
236 25.8 20.4 30.6



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: 67.76 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF083093.D

Acq: 20 Nov 2015 21:29

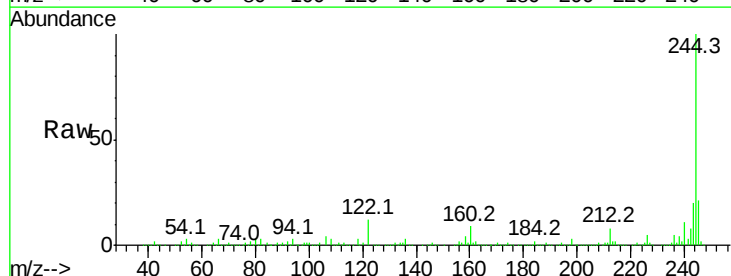
Tgt Ion:244 Resp: 1135028

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

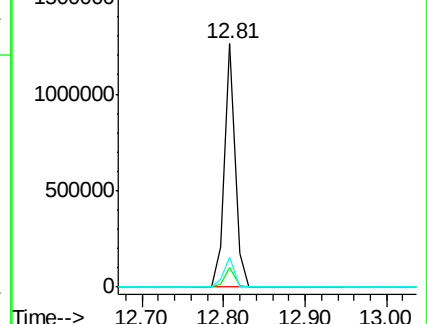
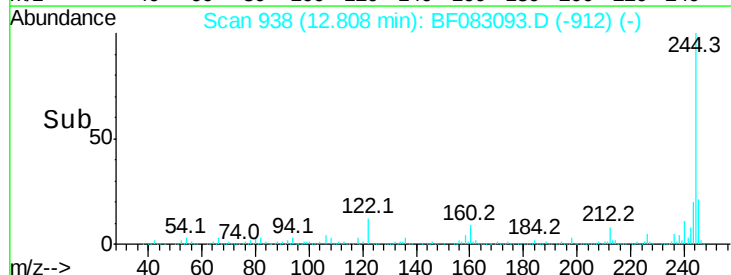
122 12.0 10.9 16.3

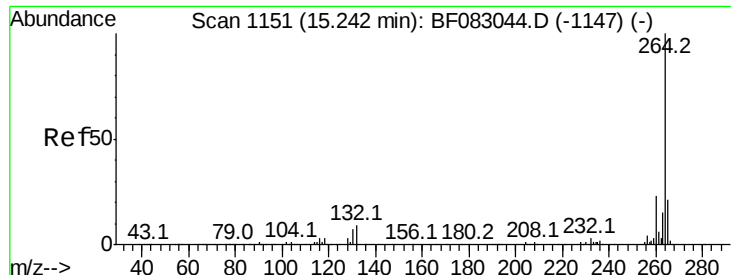


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

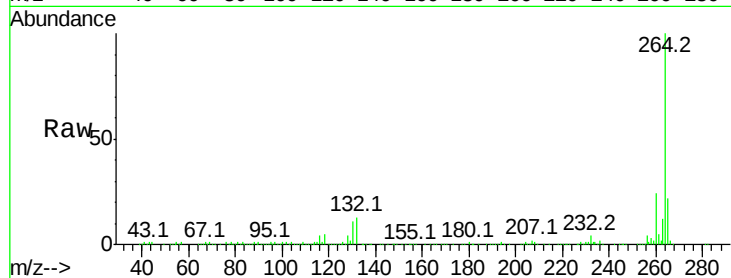




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF083093.D
 Acq: 20 Nov 2015 21:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.7	17.0	25.6



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

