

Data Path : Z:\HPCHEM1\BNA F\Data\BF112015\
 Data File : BF083083.D
 Acq On : 20 Nov 2015 15:54
 Operator : UM/IZ
 Sample : G4452-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 22:33:03 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

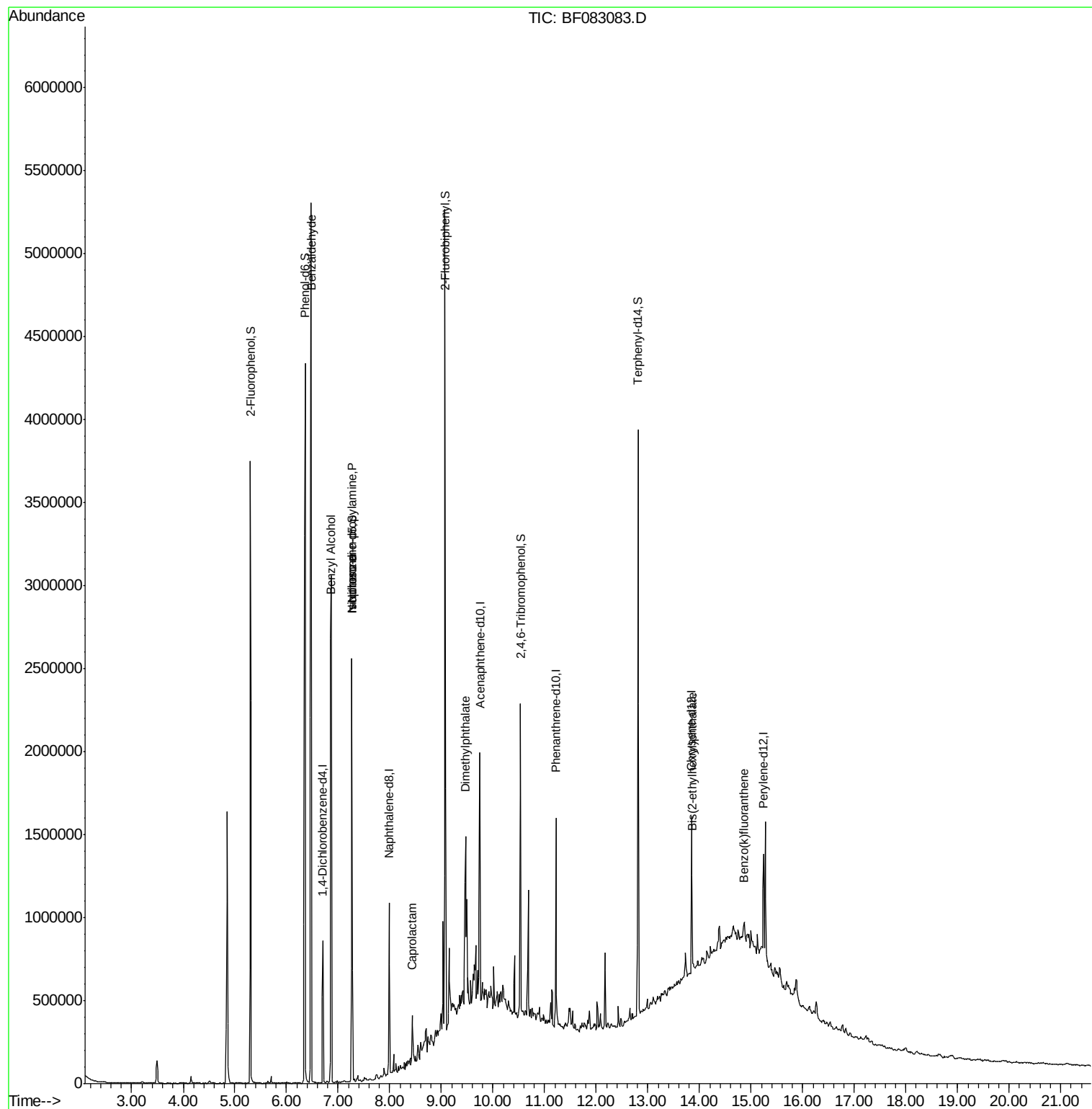
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	156858	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	566476	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	273395	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	432350	20.00	ng	0.00
75) Chrysene-d12	13.85	240	379906	20.00	ng	-0.01
86) Perylene-d12	15.24	264	346428	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1312846	130.00	ng	0.01
7) Phenol-d6	6.36	99	1954053	146.91	ng	0.01
23) Nitrobenzene-d5	7.26	82	955214	77.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	283889	97.80	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1661176	81.83	ng	-0.01
78) Terphenyl-d14	12.81	244	1355988	84.26	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	37464	3.86	ng	Qvalue 87
15) Benzyl Alcohol	6.85	79	23391	2.14	ng	# 63
19) n-Nitroso-di-n-propylamine	7.26	70	132976	13.68	ng	# 77
25) Isophorone	7.26	82	783857	33.59	ng	# 69
35) Caprolactam	8.43	113	10605	3.82	ng	# 5
49) Dimethylphthalate	9.47	163	404822	17.99	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	36910	2.39	ng	# 100
88) Benzo(k)fluoranthene	14.85	252	40299	2.18	ng	# 74

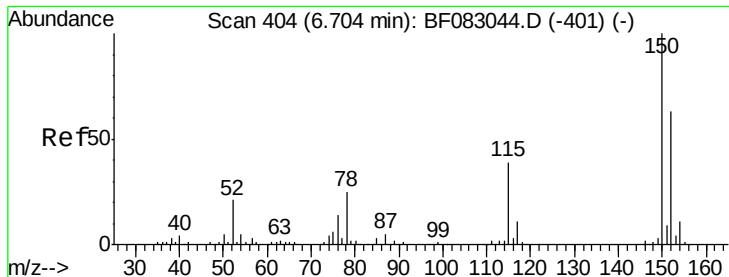
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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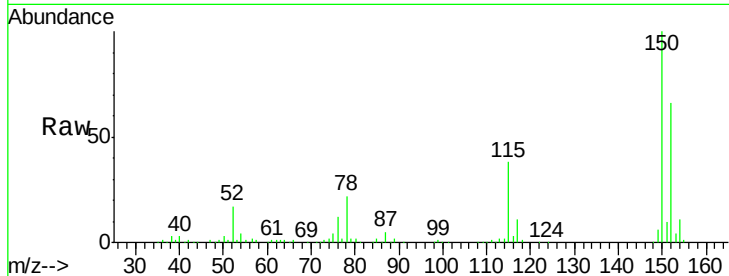


#1

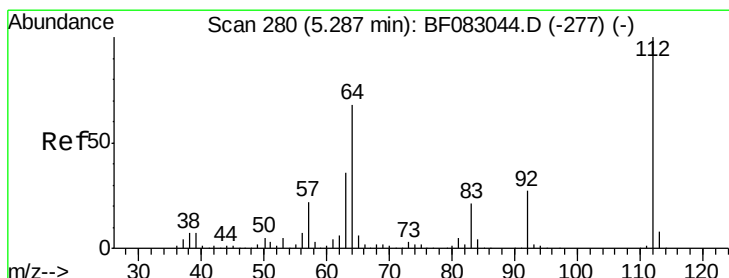
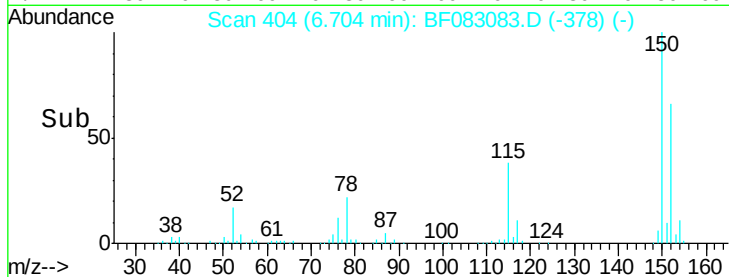
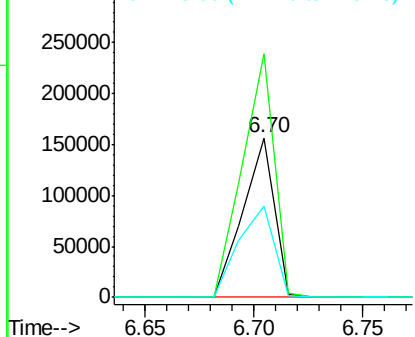
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF083083.D
Acq: 20 Nov 2015 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156858
Ion Ratio Lower Upper
152 100
150 152.6 126.4 189.6
115 57.3 49.0 73.6



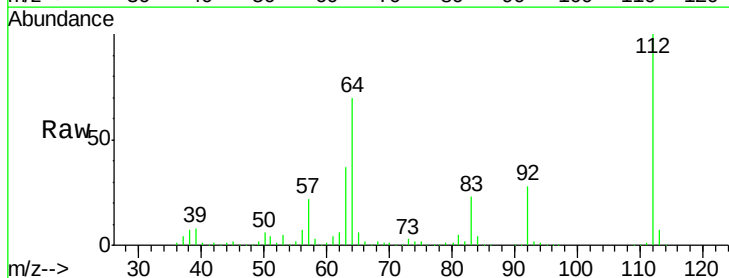
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



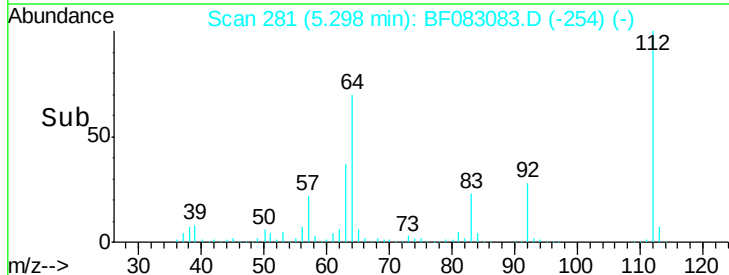
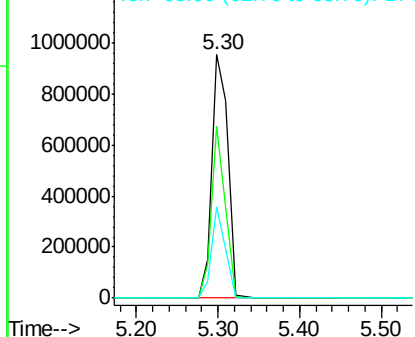
#5

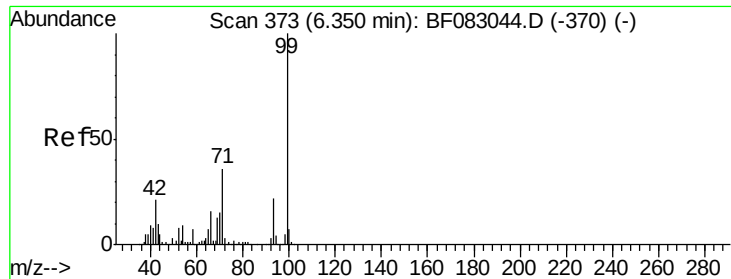
2-Fluorophenol
Concen: 130.00 ng
RT: 5.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: BF083083.D
Acq: 20 Nov 2015 15:54

Tgt Ion:112 Resp: 1312846
Ion Ratio Lower Upper
112 100
64 70.4 54.8 82.2
63 37.4 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: 146.91 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF083083.D

Acq: 20 Nov 2015 15:54

Instrument :

BNA_F

ClientSampleId :

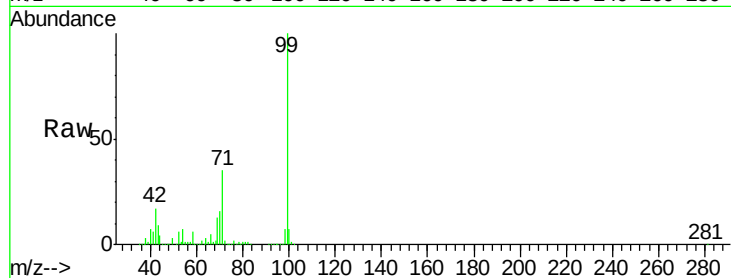
Tot Ion: 99 Resp: 1954053

Ion Ratio Lower Upper

99 100

42 17.2 16.6 25.0

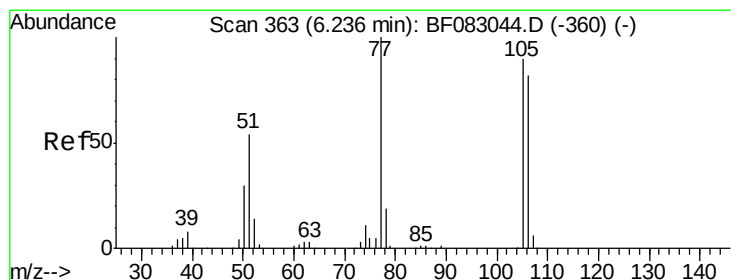
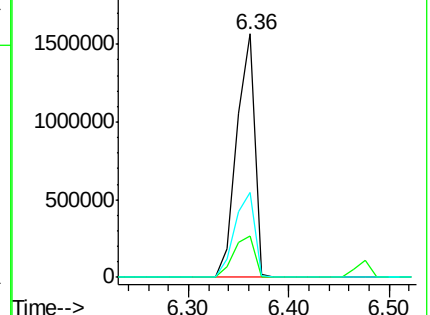
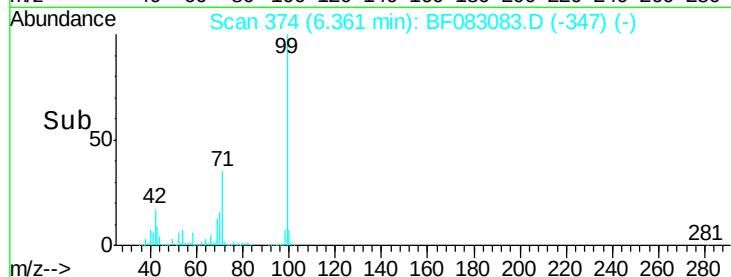
71 35.1 29.2 43.8



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: 3.86 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.24 min

Lab File: BF083083.D

Acq: 20 Nov 2015 15:54

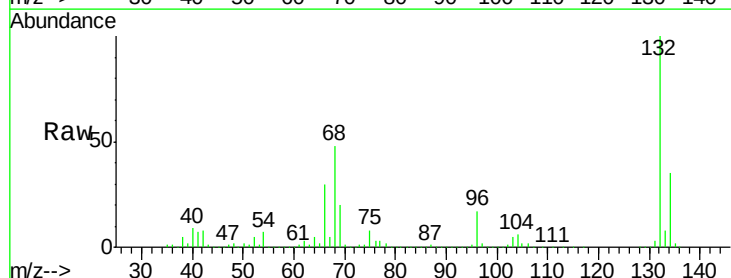
Tgt Ion: 77 Resp: 37464

Ion Ratio Lower Upper

77 100

105 77.3 69.6 109.6

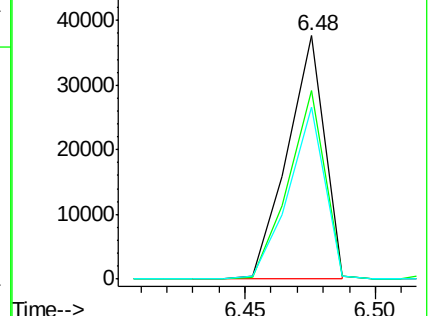
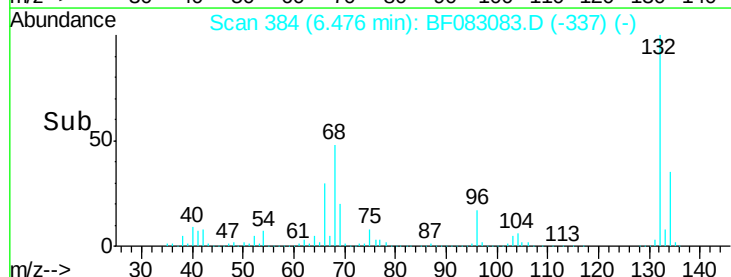
106 70.8 62.0 102.0

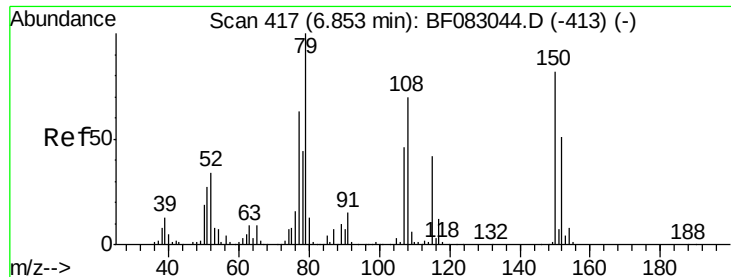


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.14 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF083083.D

Acq: 20 Nov 2015 15:54

Instrument :

BNA_F

ClientSampleId :

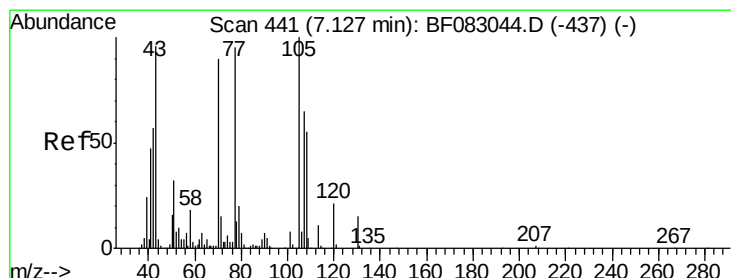
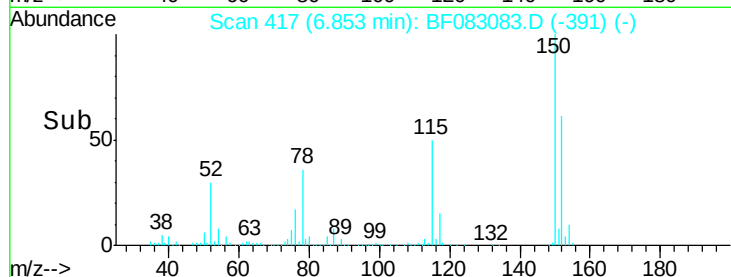
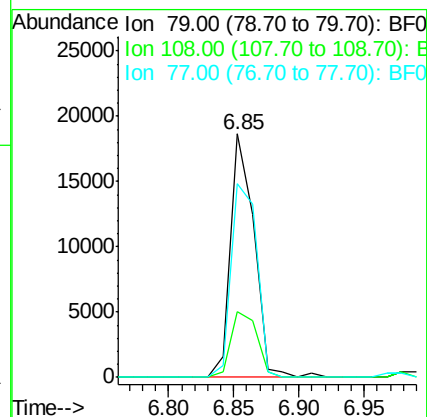
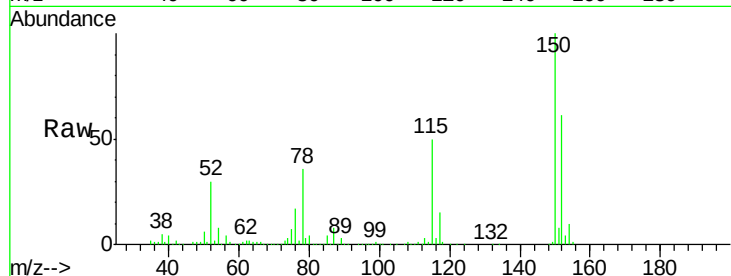
Tot Ion: 79 Resp: 23391

Ion Ratio Lower Upper

79 100

108 27.0 55.7 83.5#

77 79.4 50.7 76.1#



#19

n-Nitroso-di-n-propylamine

Concen: 13.68 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.14 min

Lab File: BF083083.D

Acq: 20 Nov 2015 15:54

Tgt Ion: 70 Resp: 132976

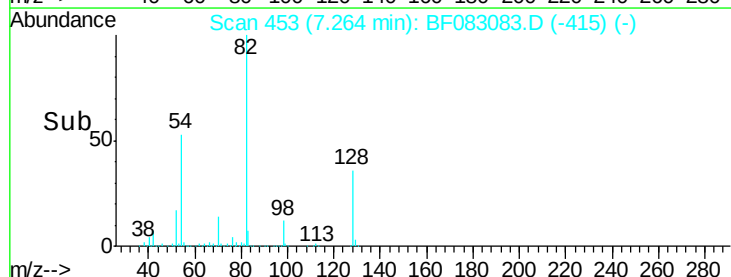
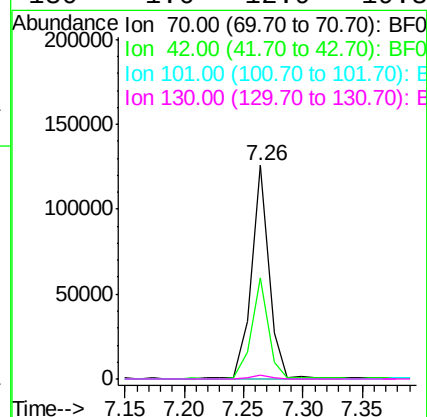
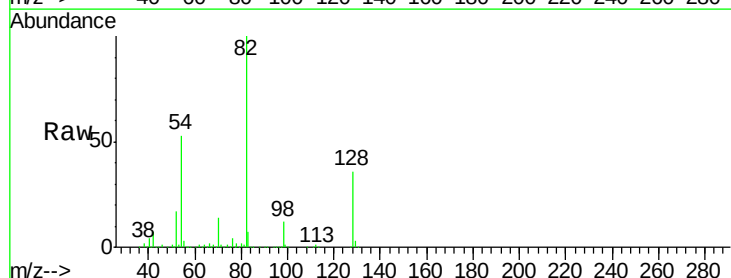
Ion Ratio Lower Upper

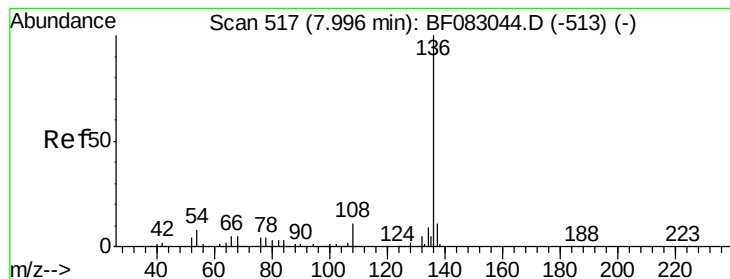
70 100

42 47.4 50.2 75.2#

101 0.0 6.8 10.2#

130 1.6 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: BF083083.D

Acq: 20 Nov 2015 15:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 566476

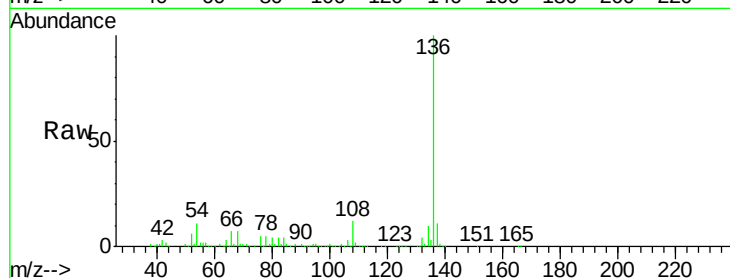
Ion Ratio Lower Upper

136 100

137 11.5 8.6 12.8

54 11.0 6.2 9.2#

68 7.4 4.2 6.2#

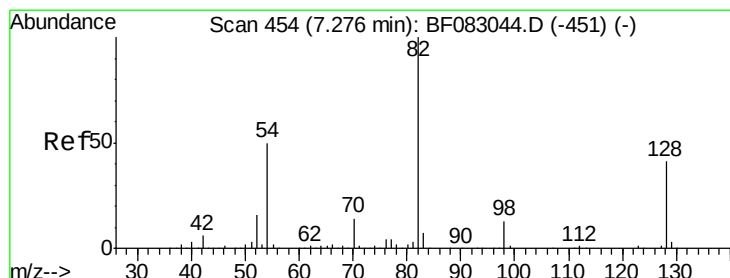
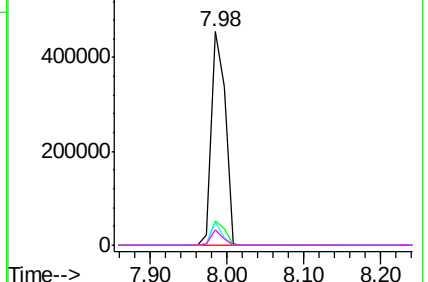
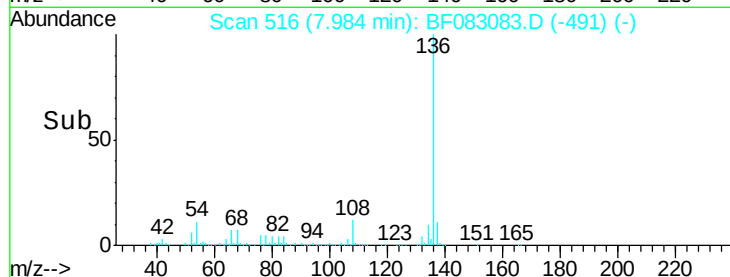


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.20 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF083083.D

Acq: 20 Nov 2015 15:54

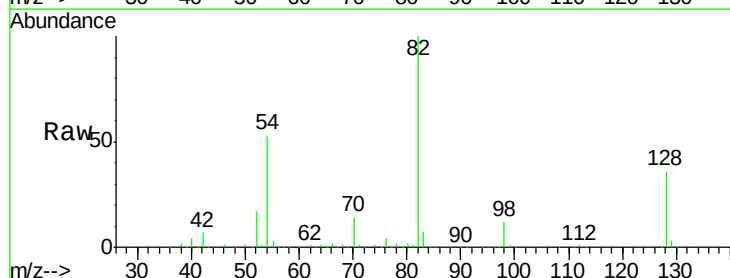
Tgt Ion: 82 Resp: 955214

Ion Ratio Lower Upper

82 100

128 36.4 33.1 49.7

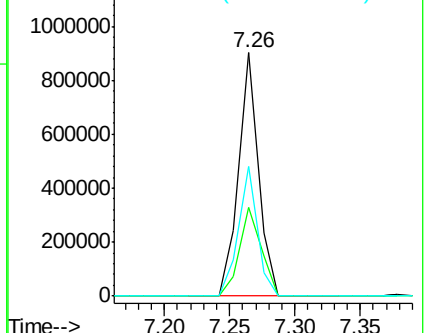
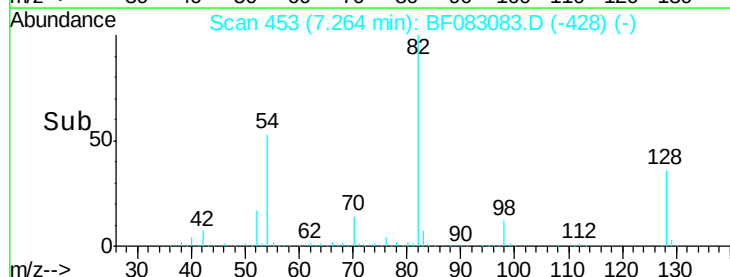
54 53.4 39.8 59.6

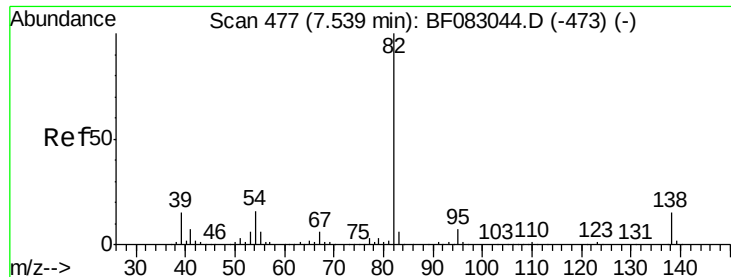


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

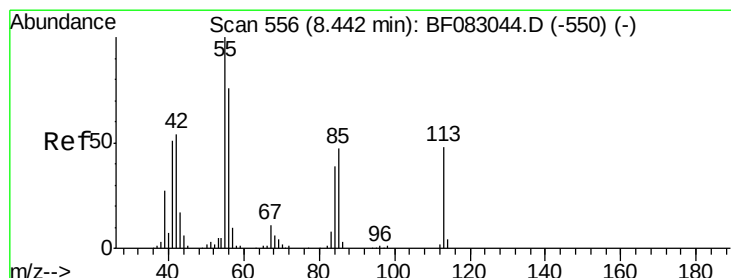
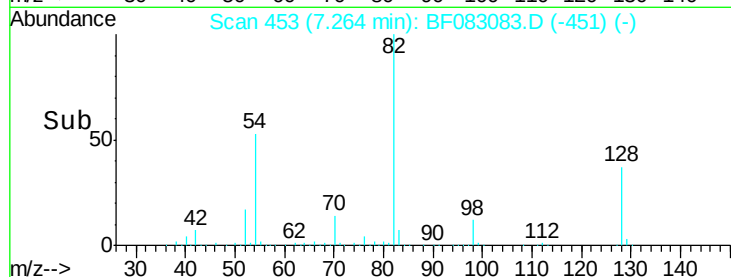
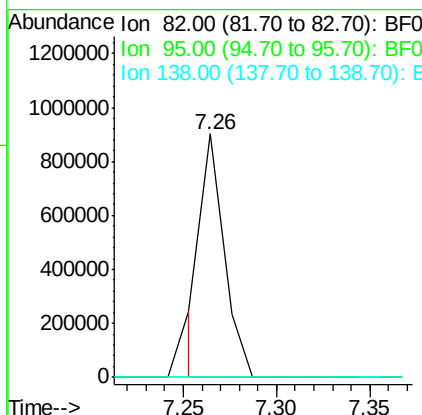
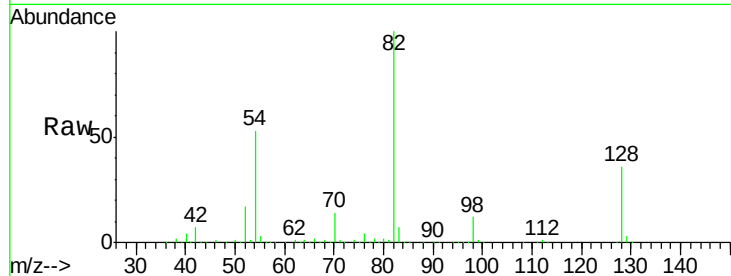




#25
Isophorone
Concen: 33.59 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.27 min
Lab File: BF083083.D
Acq: 20 Nov 2015 15:54

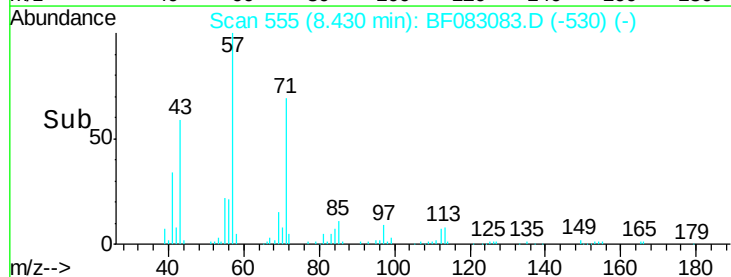
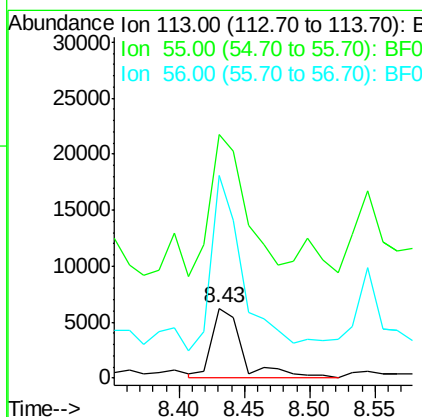
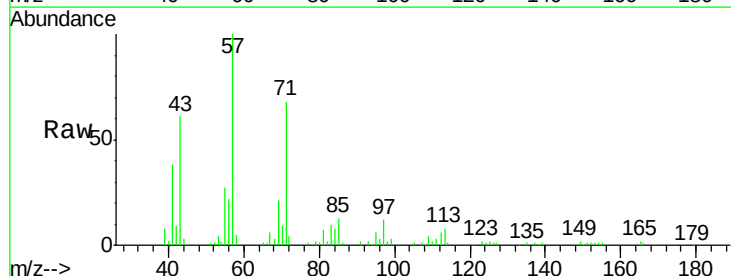
Instrument :
BNA_F
ClientSampled :

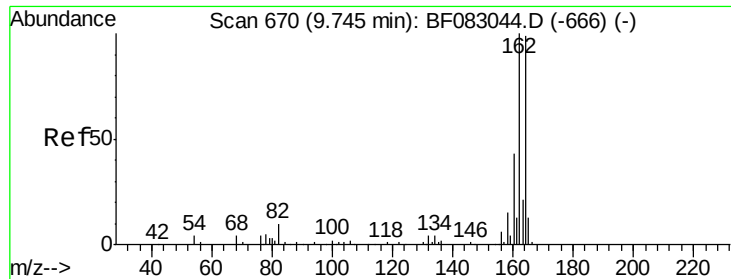
Tot Ion: 82 Resp: 783857
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 12.2 18.4#



#35
Caprolactam
Concen: 3.82 ng
RT: 8.43 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF083083.D
Acq: 20 Nov 2015 15:54

Tgt Ion: 113 Resp: 10605
Ion Ratio Lower Upper
113 100
55 349.9 189.1 229.1#
56 291.4 137.9 177.9#

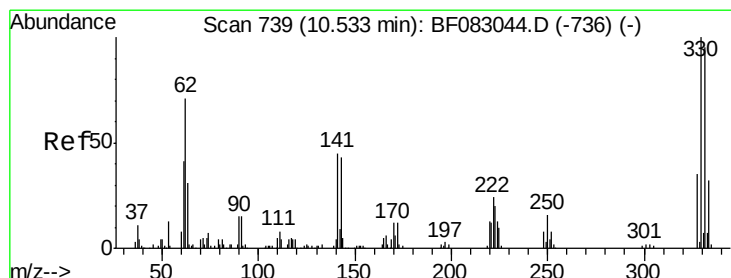
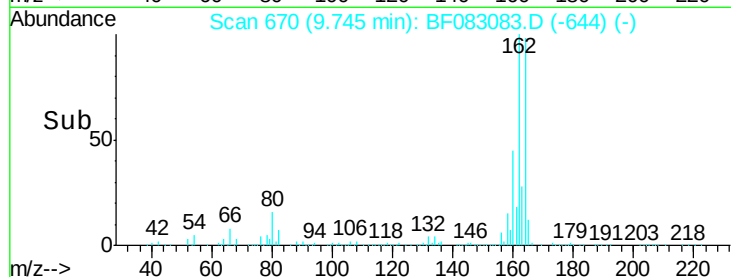
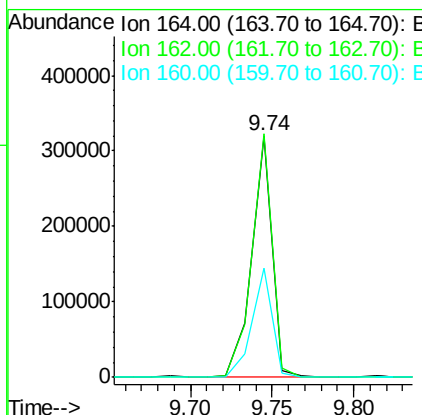
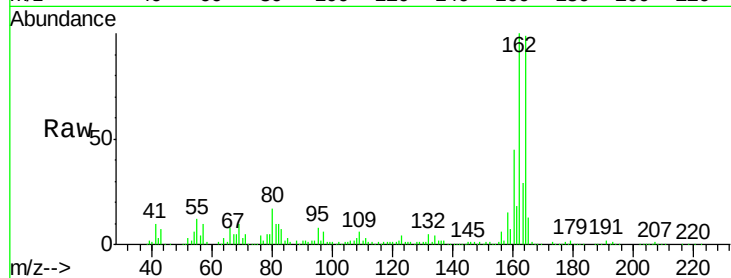




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083083.D
Acq: 20 Nov 2015 15:54

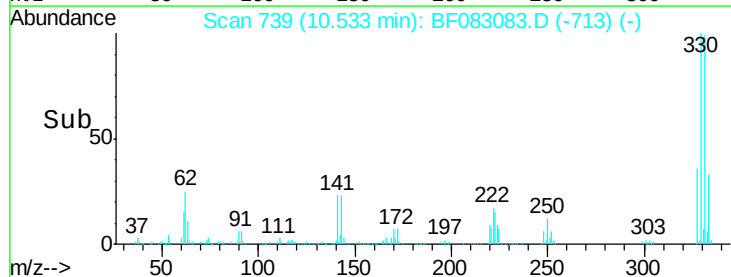
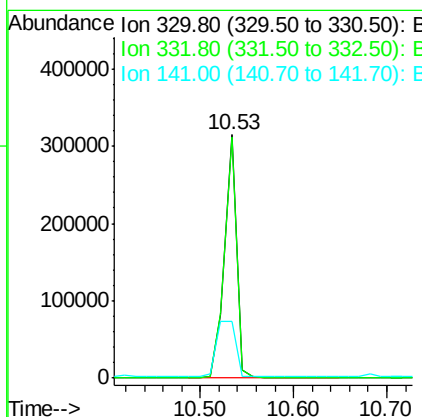
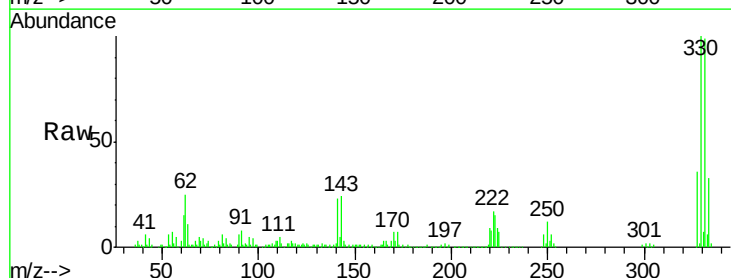
Instrument :
BNA_F
ClientSampleId :

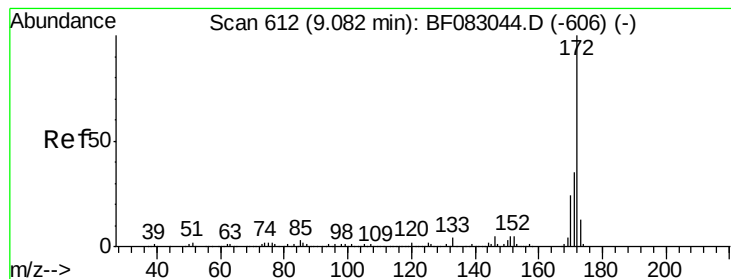
Tot Ion:164 Resp: 273395
Ion Ratio Lower Upper
164 100
162 101.0 80.5 120.7
160 45.4 35.0 52.4



#41
2,4,6-Tribromophenol
Concen: 97.80 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF083083.D
Acq: 20 Nov 2015 15:54

Tgt Ion:330 Resp: 283889
Ion Ratio Lower Upper
330 100
332 99.3 77.6 116.4
141 35.9 34.6 52.0

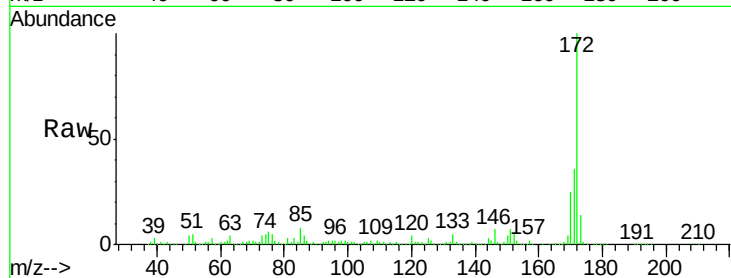




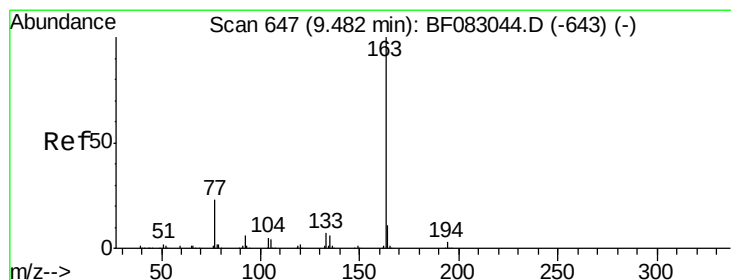
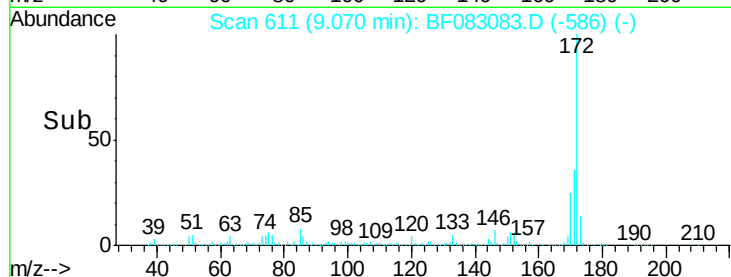
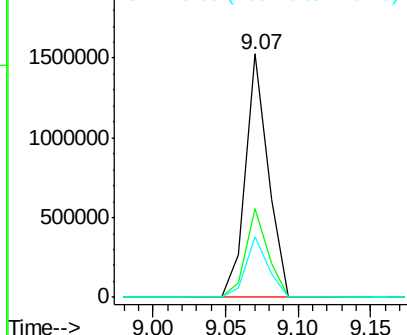
#44
2-Fluorobiphenyl
Concen: 81.83 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF083083.D
Acq: 20 Nov 2015 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1661176
Ion Ratio Lower Upper
172 100
171 36.4 28.2 42.4
170 25.0 19.4 29.0

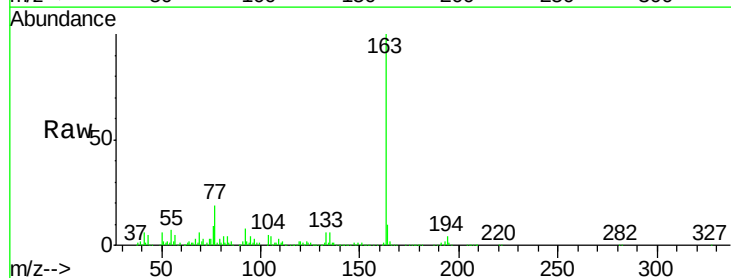


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

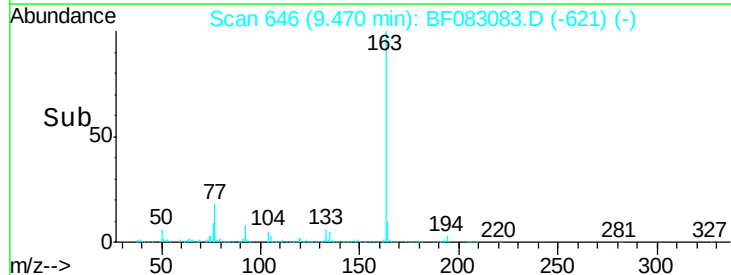
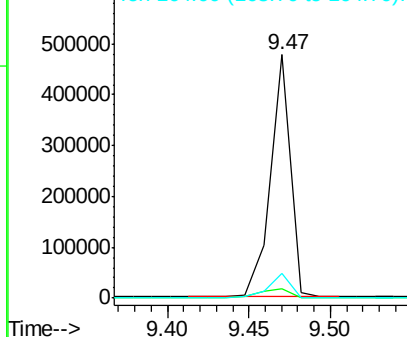


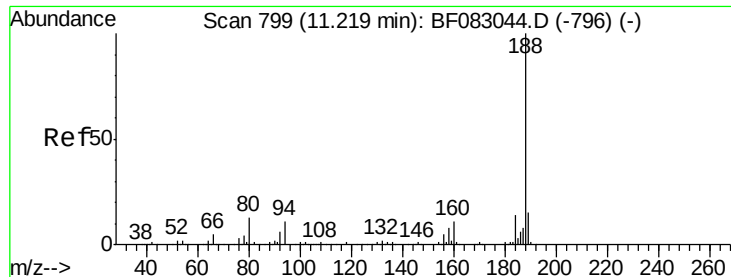
#49
Dimethylphthalate
Concen: 17.99 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF083083.D
Acq: 20 Nov 2015 15:54

Tgt Ion:163 Resp: 404822
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.2 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

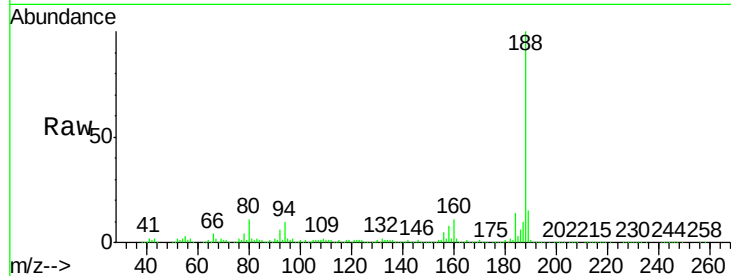




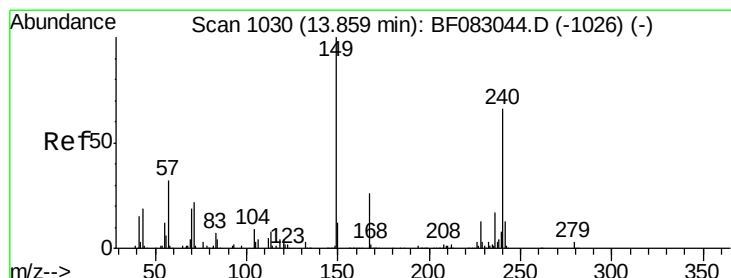
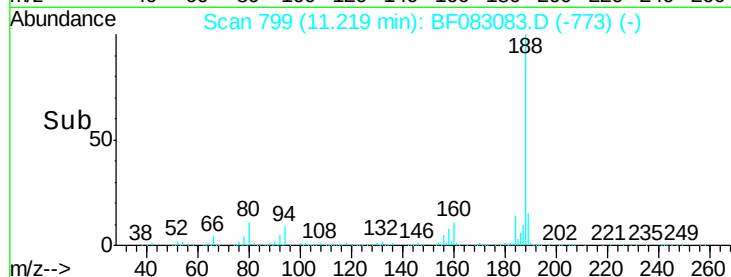
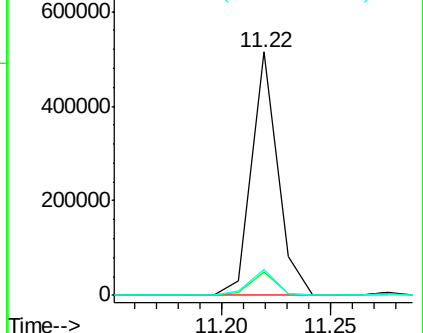
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083083.D
Acq: 20 Nov 2015 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 432350
Ion Ratio Lower Upper
188 100
94 9.9 9.0 13.4
80 10.9 10.2 15.4

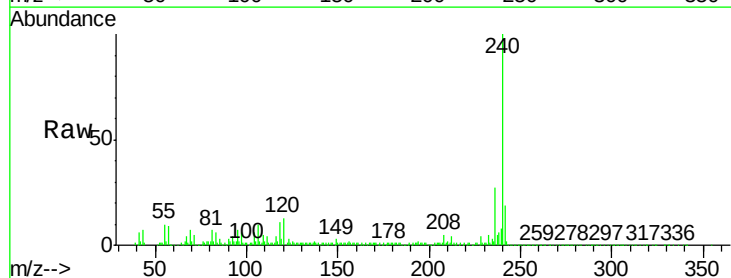


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

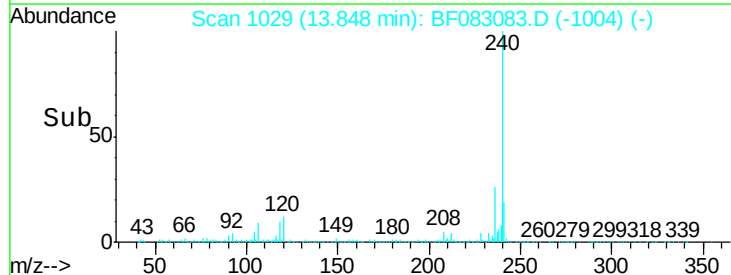
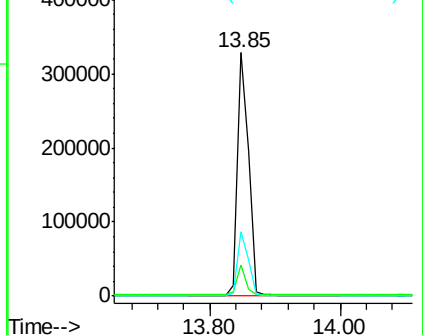


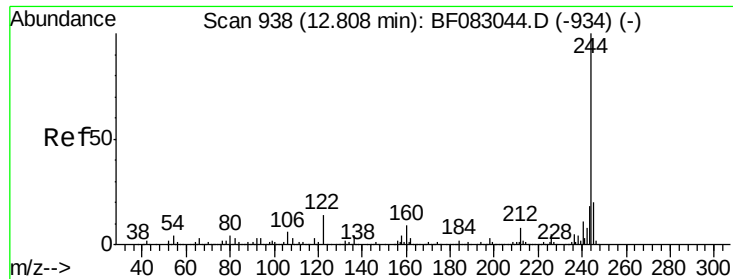
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF083083.D
Acq: 20 Nov 2015 15:54

Tgt Ion:240 Resp: 379906
Ion Ratio Lower Upper
240 100
120 12.8 5.3 7.9#
236 26.6 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: 84.26 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF083083.D

Acq: 20 Nov 2015 15:54

Instrument :

BNA_F

ClientSampled :

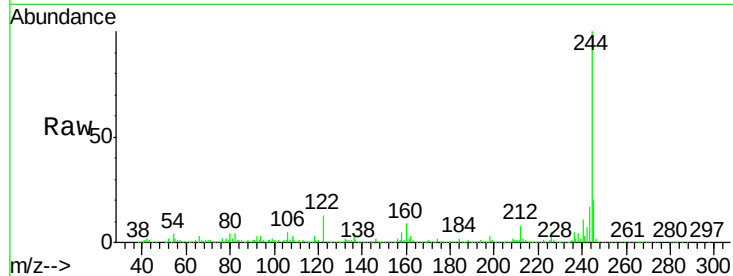
Tot Ion:244 Resp: 1355988

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

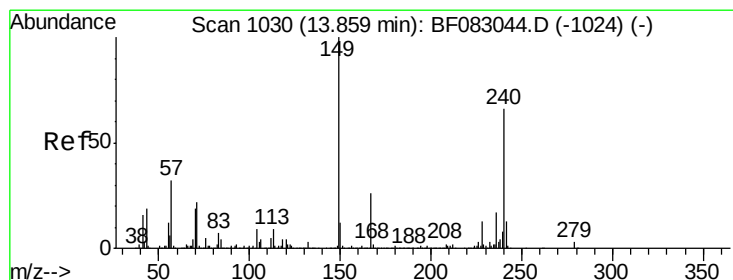
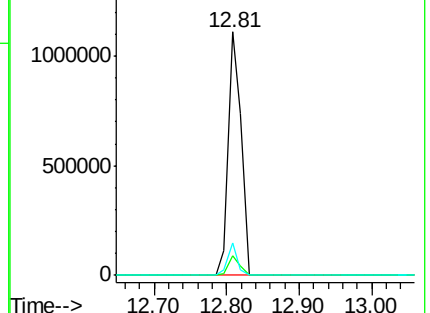
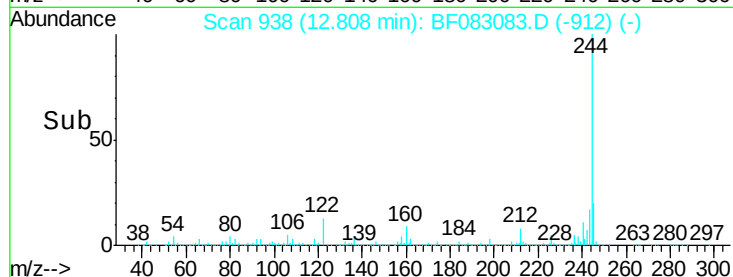
122 13.4 10.9 16.3



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.39 ng

RT: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF083083.D

Acq: 20 Nov 2015 15:54

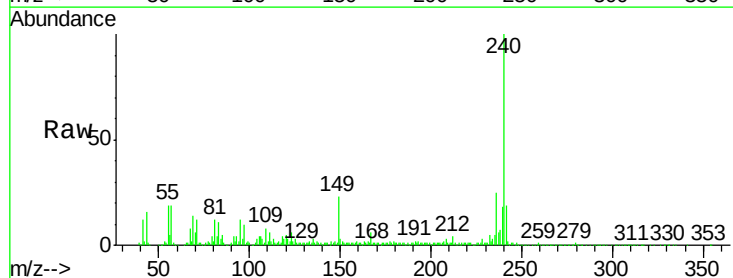
Tgt Ion:149 Resp: 36910

Ion Ratio Lower Upper

149 100

167 26.2 20.9 31.3

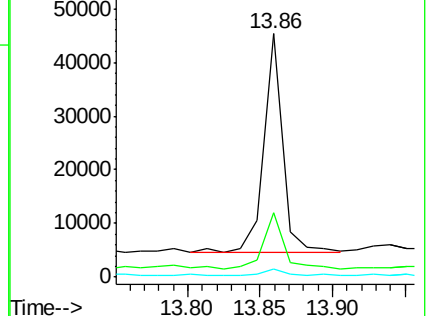
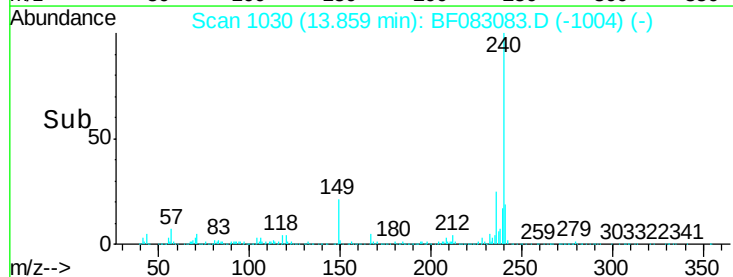
279 3.2 2.0 3.0#

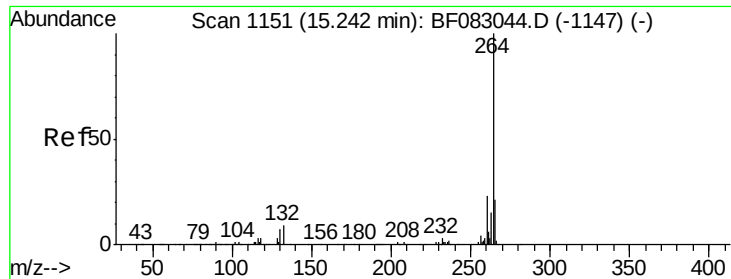


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

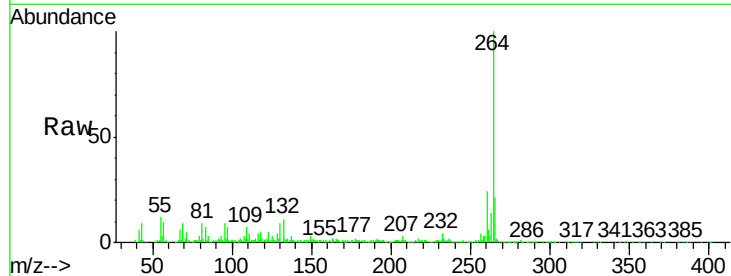




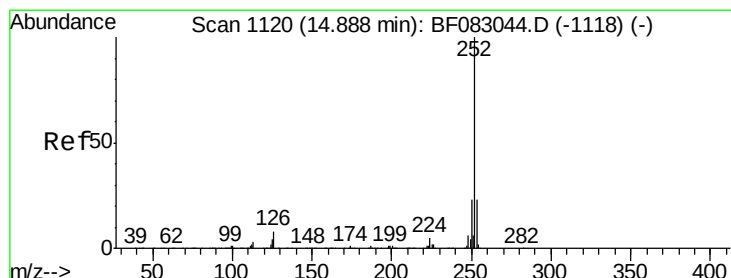
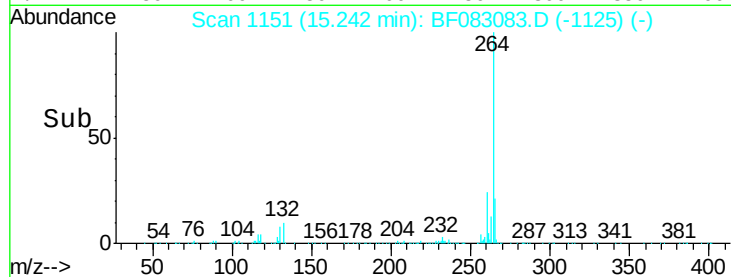
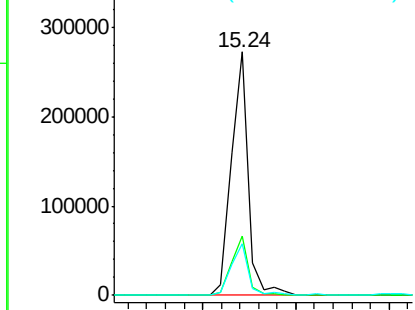
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF083083.D
Acq: 20 Nov 2015 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	27.8
265	21.3	17.0	25.6

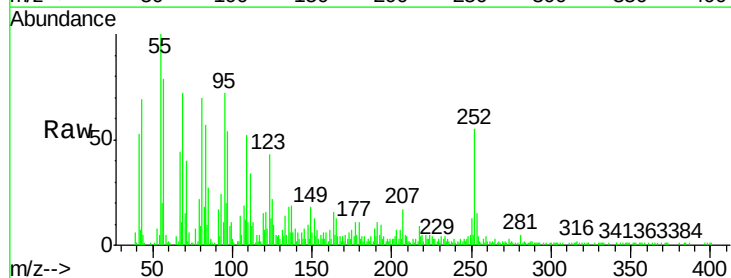


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88
Benzo(k)fluoranthene
Concen: 2.18 ng
RT: 14.85 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BF083083.D
Acq: 20 Nov 2015 15:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.8	26.6
125	39.9	3.8	5.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

