

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
 Data File : BF083799.D
 Acq On : 15 Dec 2015 5:26
 Operator : UM/IZ
 Sample : G4779-14
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-37

Quant Time: Dec 15 06:15:24 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

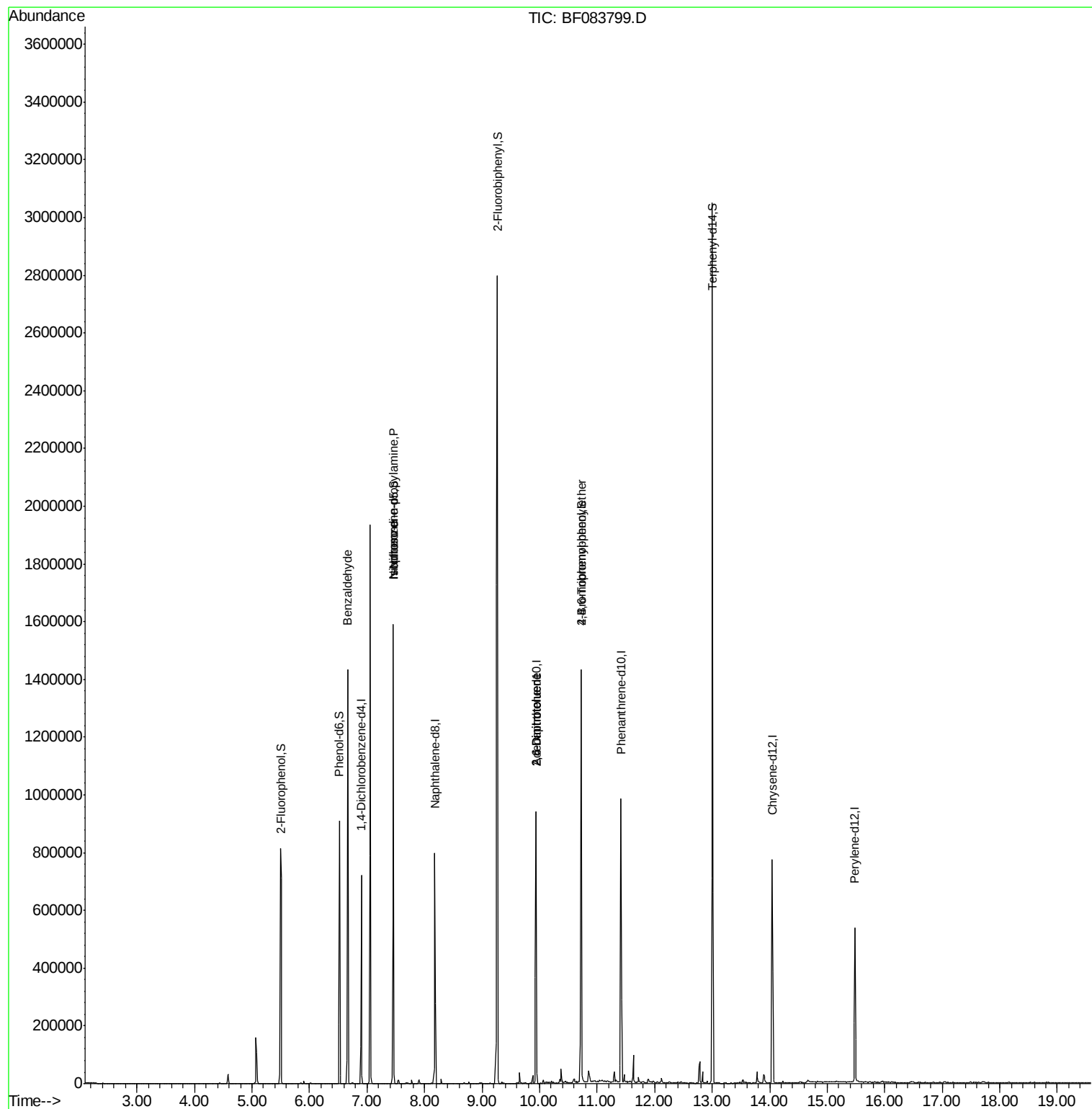
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	104785	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	392346	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	198939	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	358921	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	298501	20.00	ng	-0.03
86) Perylene-d12	15.48	264	233417	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	336842	51.86	ng	-0.02
7) Phenol-d6	6.52	99	302114	36.73	ng	-0.02
23) Nitrobenzene-d5	7.46	82	533659	76.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	279229	137.74	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1101820	79.59	ng	-0.02
78) Terphenyl-d14	13.00	244	990230	71.36	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.66	77	12262	2.78	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.46	70	72496	14.39	ng	# 70
25) Isophorone	7.46	82	528334	38.40	ng	# 69
50) 2,6-Dinitrotoluene	9.94	165	25407	7.72	ng	# 18
56) 2,4-Dinitrotoluene	9.94	165	25408	5.91	ng	# 13
66) 4-Bromophenyl-phenylether	10.73	248	18482	4.61	ng	# 1

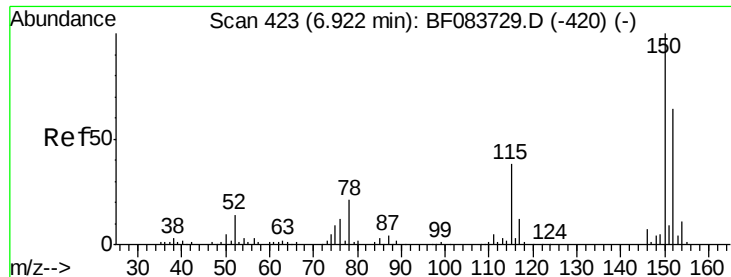
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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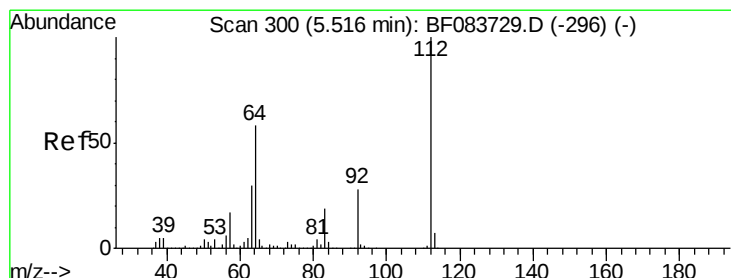
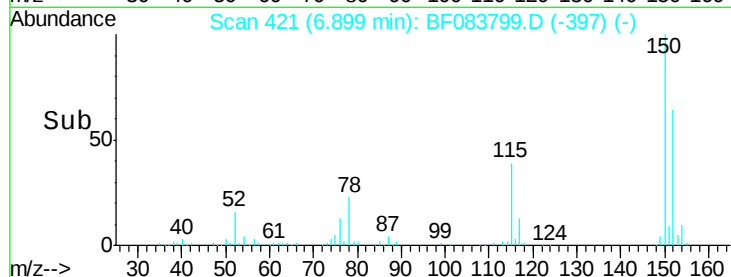
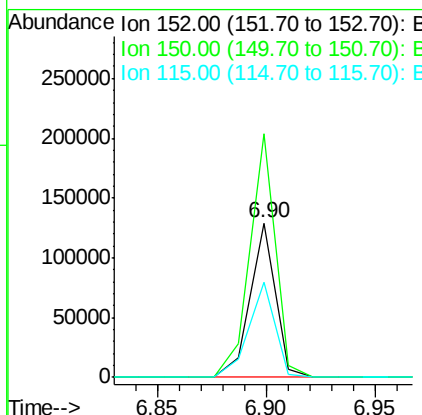
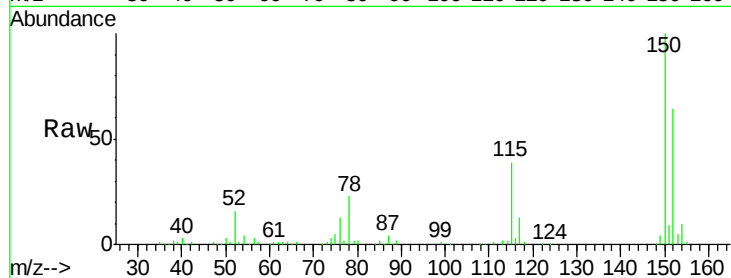




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF083799.D
 Acq: 15 Dec 2015 5:26

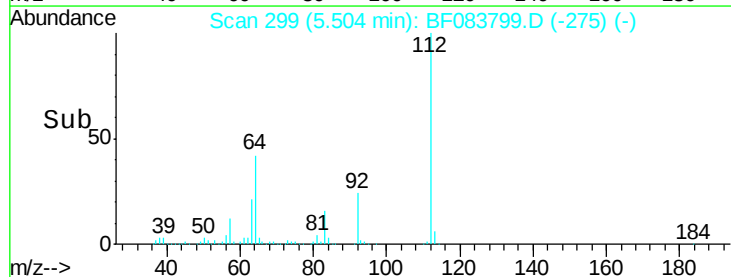
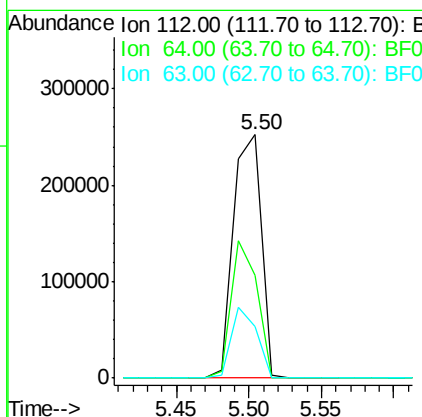
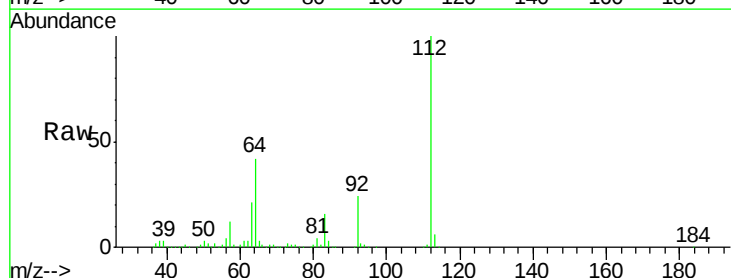
Instrument :
 BNA_F
 ClientSampleId :
 W-37

Tgt Ion:152 Resp: 104785
 Ion Ratio Lower Upper
 152 100
 150 157.4 126.5 189.7
 115 61.9 52.3 78.5



#5
 2-Fluorophenol
 Concen: 51.86 ng
 RT: 5.50 min Scan# 299
 Delta R.T. -0.02 min
 Lab File: BF083799.D
 Acq: 15 Dec 2015 5:26

Tgt Ion:112 Resp: 336842
 Ion Ratio Lower Upper
 112 100
 64 42.5 50.5 75.7#
 63 21.3 25.8 38.6#





#7

Phenol-d6

Concen: 36.73 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083799.D

Acq: 15 Dec 2015 5:26

Instrument :

BNA_F

ClientSampleId :

W-37

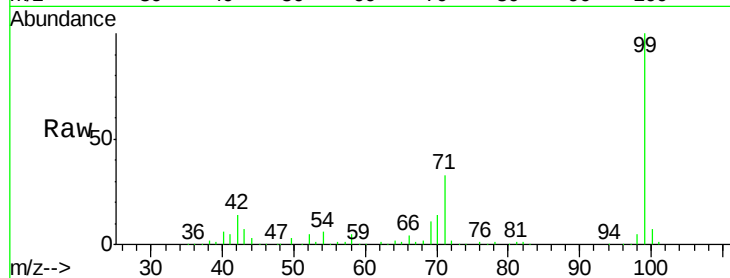
Tgt Ion: 99 Resp: 302114

Ion Ratio Lower Upper

99 100

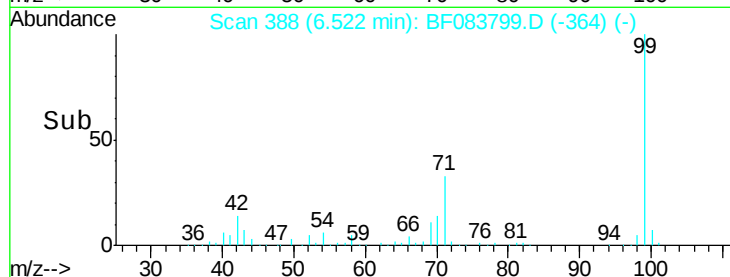
42 13.7 17.3 25.9#

71 33.0 26.6 40.0

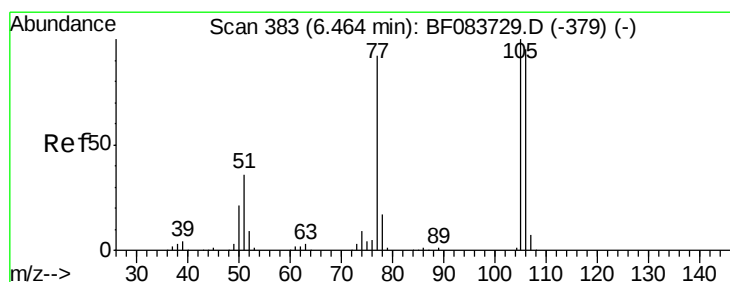


Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0

6.52



Time--> 6.45 6.50 6.55 6.60



#9

Benzaldehyde

Concen: 2.78 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.19 min

Lab File: BF083799.D

Acq: 15 Dec 2015 5:26

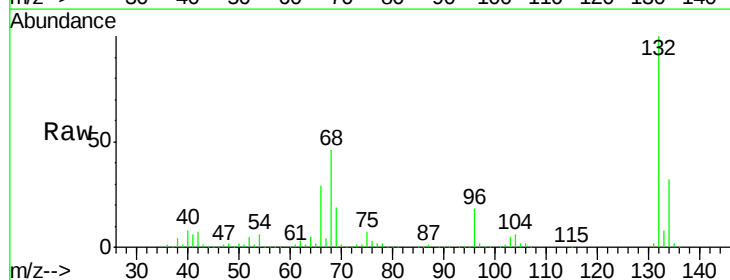
Tgt Ion: 77 Resp: 12262

Ion Ratio Lower Upper

77 100

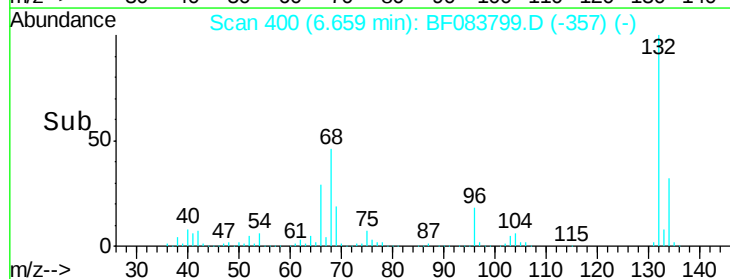
105 79.4 71.8 111.8

106 79.3 66.8 106.8

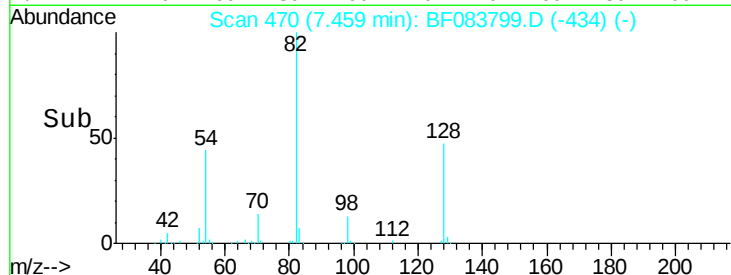
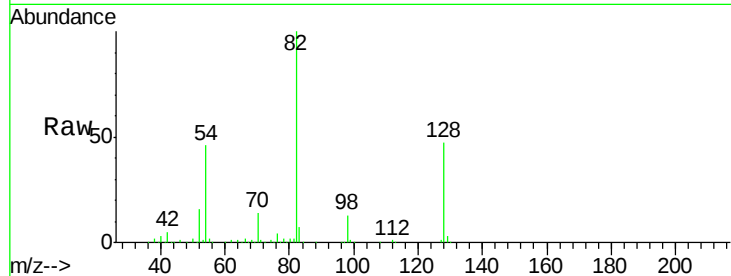
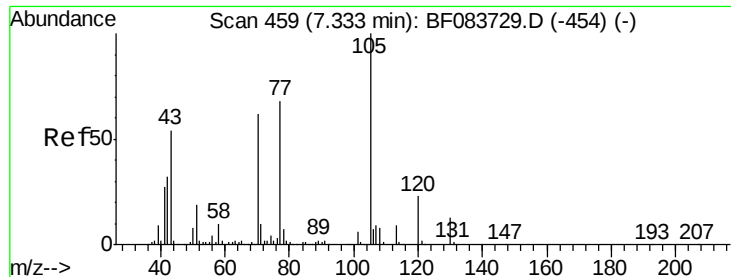


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

6.66



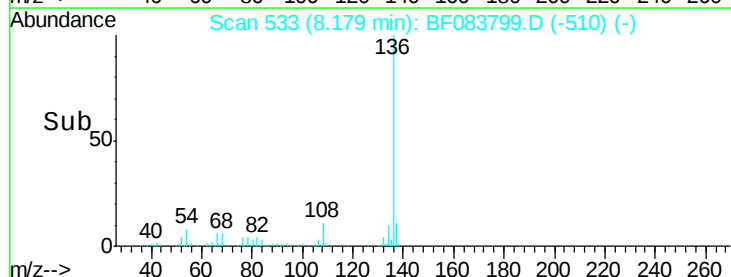
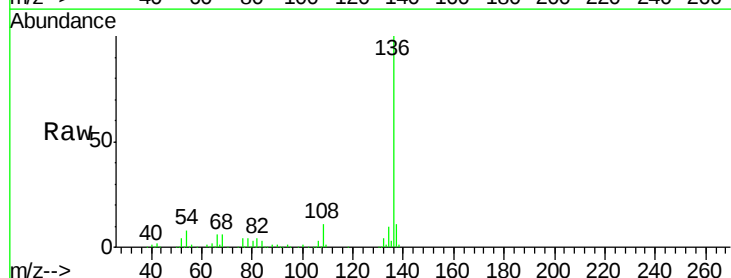
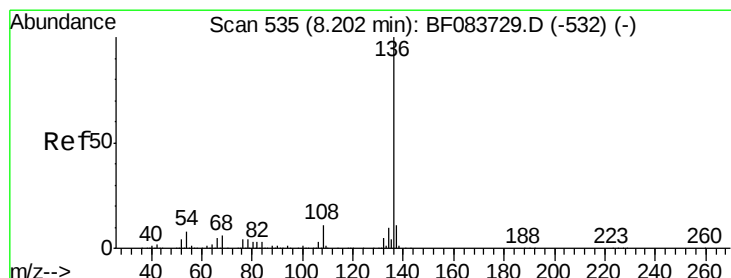
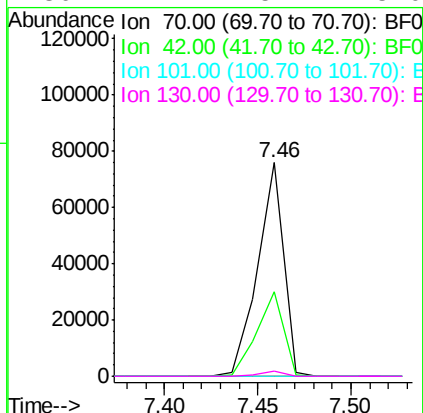
Time--> 6.60 6.65 6.70



#19
n-Nitroso-di-n-propylamine
Concen: 14.39 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.11 min
Lab File: BF083799.D
Acq: 15 Dec 2015 5:26

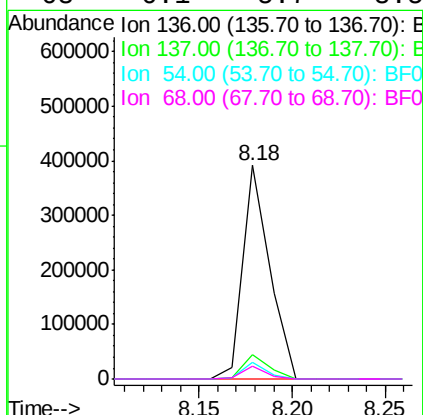
Instrument :
BNA_F
ClientSampleId :
W-37

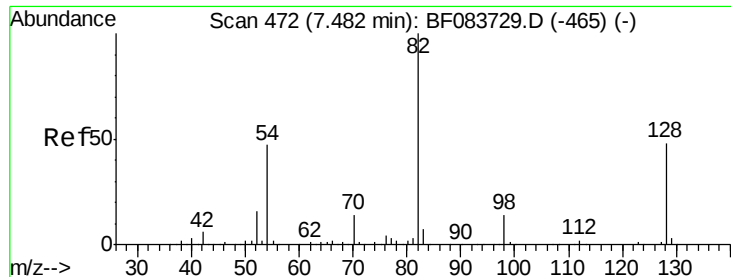
Tgt Ion:	70	Resp:	72496
Ion	Ratio	Lower	Upper
70	100		
42	39.4	49.2	73.8#
101	0.0	7.1	10.7#
130	2.4	15.4	23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083799.D
Acq: 15 Dec 2015 5:26

Tgt Ion:	136	Resp:	392346
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.9	7.8	11.6
68	6.1	5.7	8.5

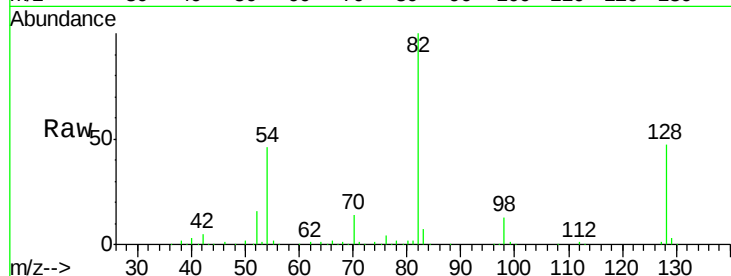




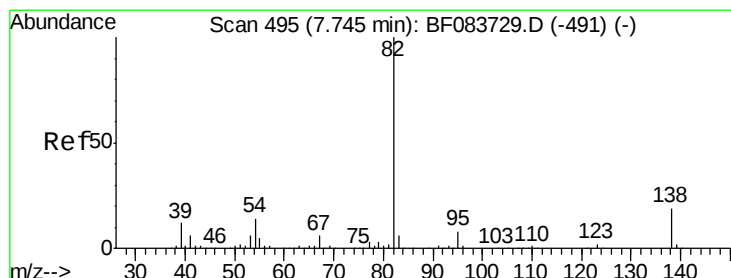
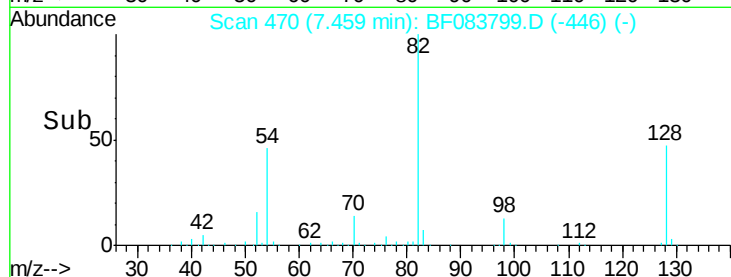
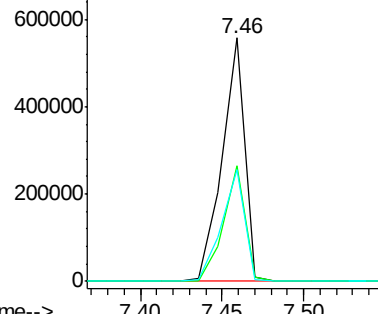
#23
Nitrobenzene-d5
Concen: 76.10 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083799.D
Acq: 15 Dec 2015 5:26

Instrument :
BNA_F
ClientSampleId :
W-37

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.3	30.7	46.1#
54	45.9	42.5	63.7

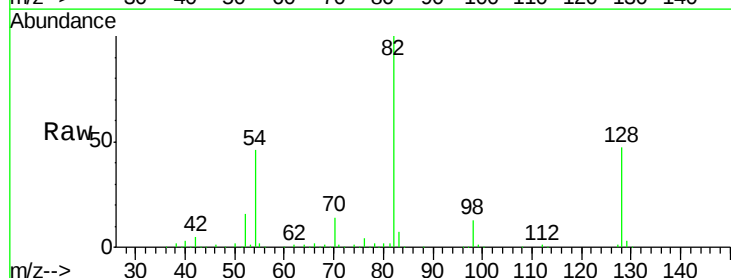


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

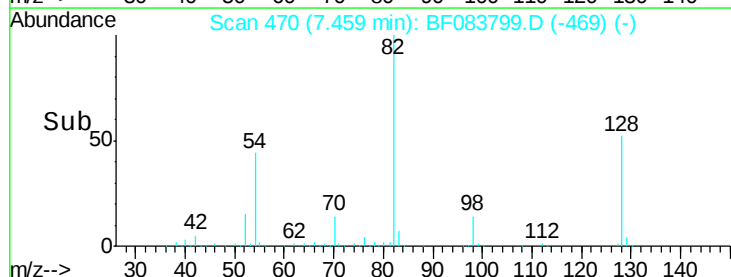
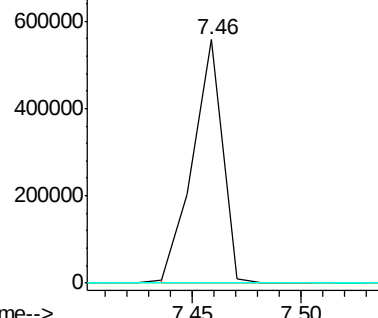


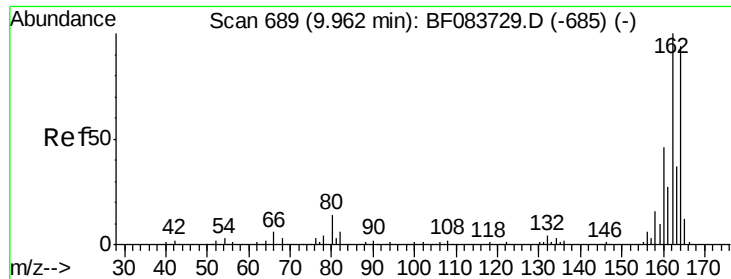
#25
Isophorone
Concen: 38.40 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.29 min
Lab File: BF083799.D
Acq: 15 Dec 2015 5:26

Tgt 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

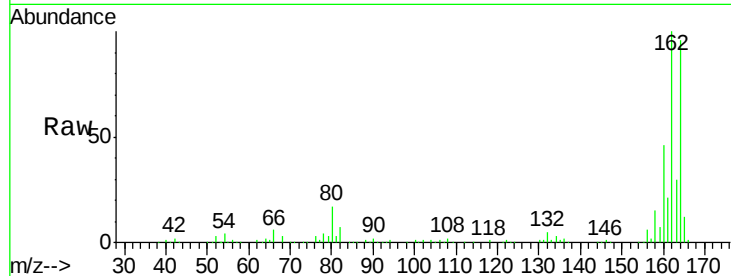




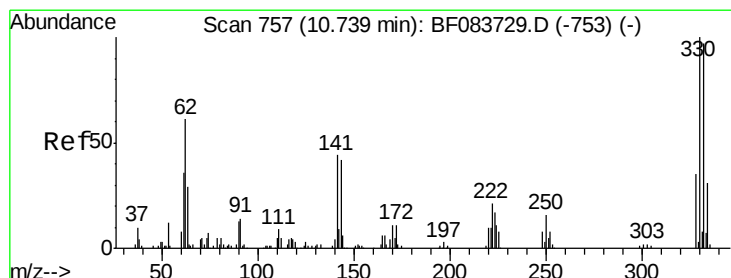
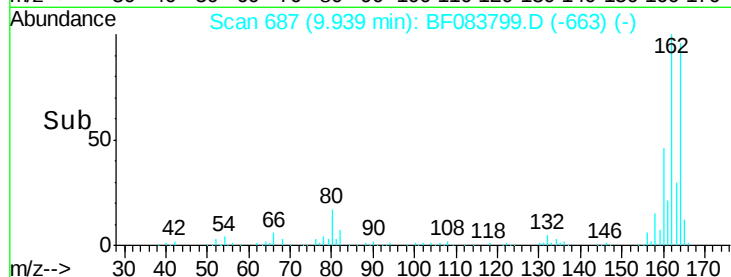
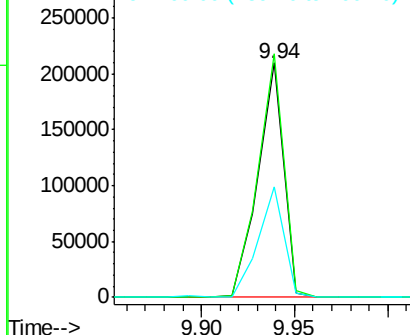
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083799.D
Acq: 15 Dec 2015 5:26

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:164 Resp: 198939
Ion Ratio Lower Upper
164 100
162 103.9 78.8 118.2
160 47.4 33.4 50.2

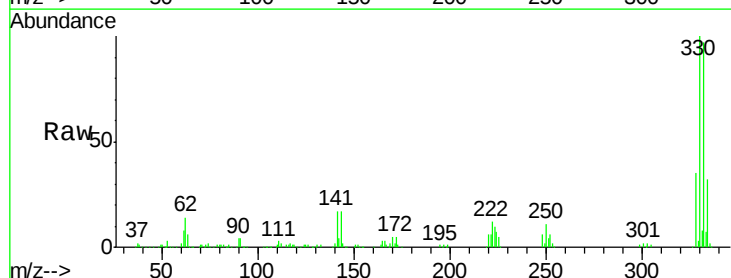


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

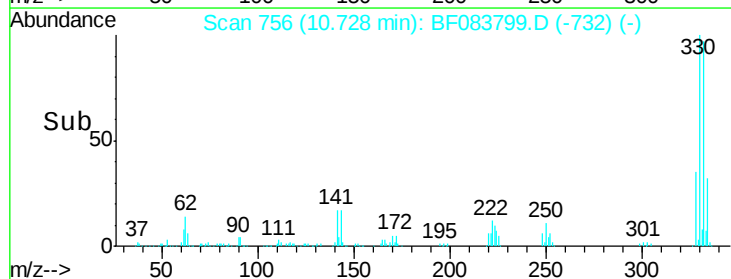
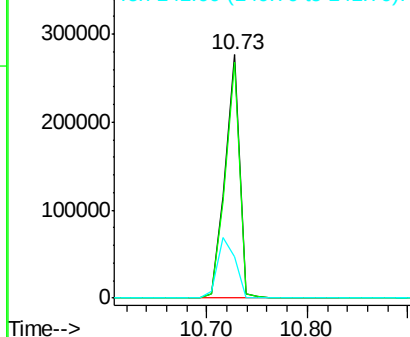


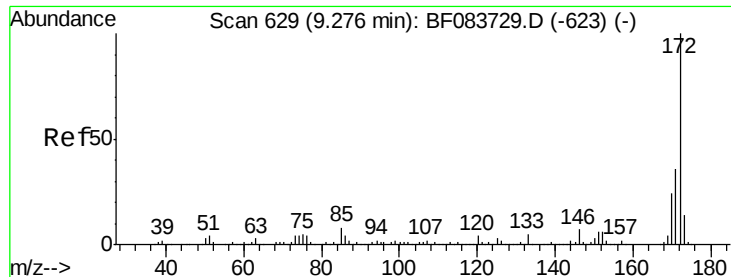
#41
2,4,6-Tribromophenol
Concen: 137.74 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF083799.D
Acq: 15 Dec 2015 5:26

Tgt Ion:330 Resp: 279229
Ion Ratio Lower Upper
330 100
332 96.4 0.0 0.0#
141 30.7 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

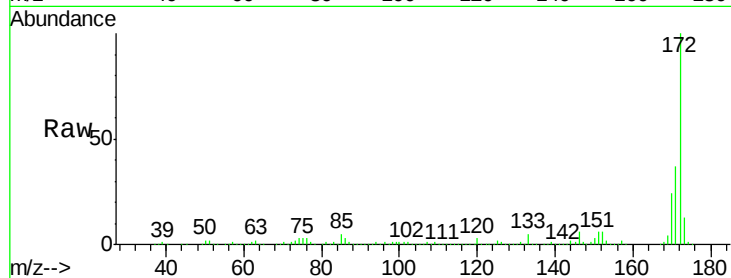




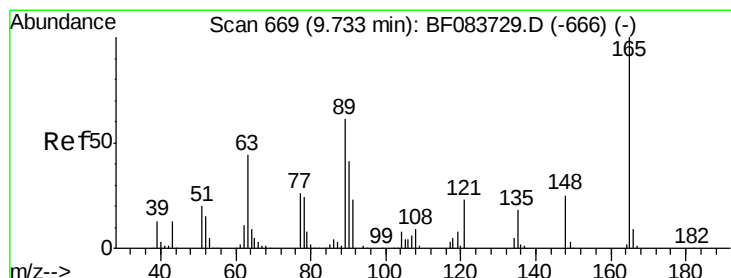
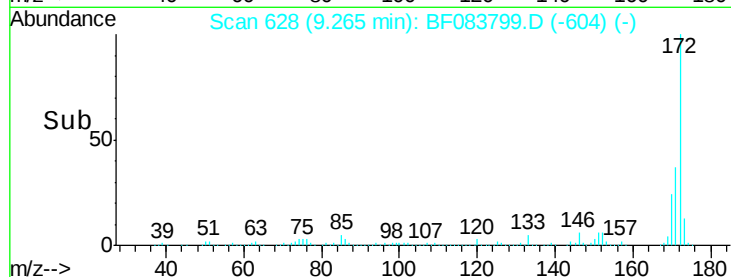
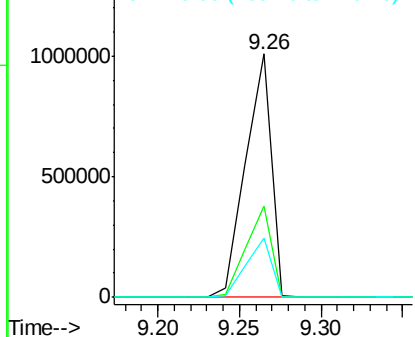
#44
 2-Fluorobiphenyl
 Concen: 79.59 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083799.D
 Acq: 15 Dec 2015 5:26

Instrument :
 BNA_F
 ClientSampled :
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Tgt Ion:172 Resp: 1101820
 Ion Ratio Lower Upper
 172 100
 171 37.3 28.6 42.8
 170 24.4 19.4 29.0

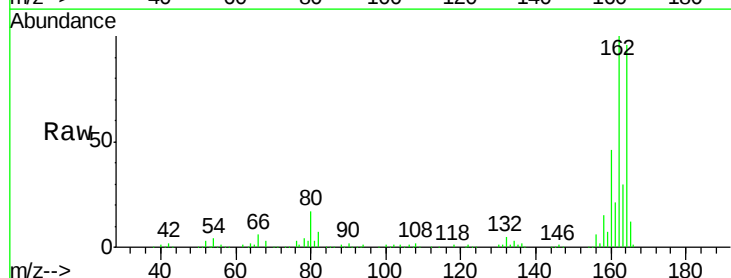


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

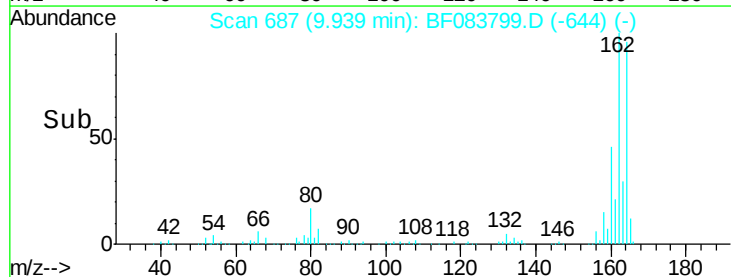
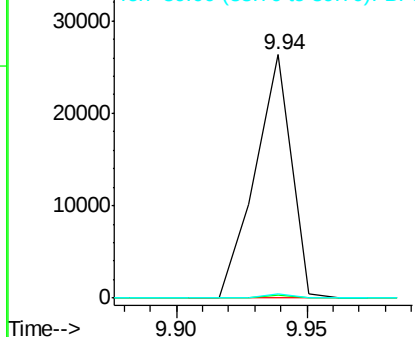


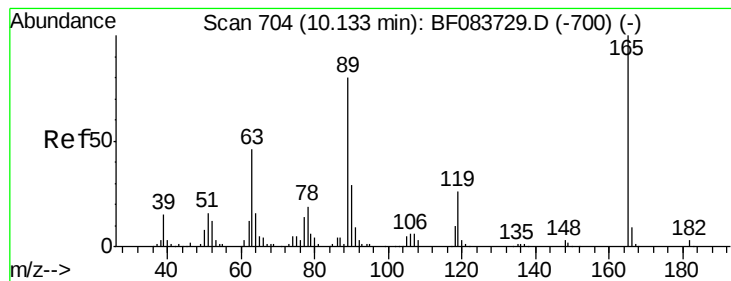
#50
 2,6-Dinitrotoluene
 Concen: 7.72 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.20 min
 Lab File: BF083799.D
 Acq: 15 Dec 2015 5:26

Tgt Ion:165 Resp: 25407
 Ion Ratio Lower Upper
 165 100
 63 1.3 56.9 85.3#
 89 1.9 52.1 78.1#



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





#56

2,4-Dinitrotoluene

Concen: 5.91 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.21 min

Lab File: BF083799.D

Acq: 15 Dec 2015 5:26

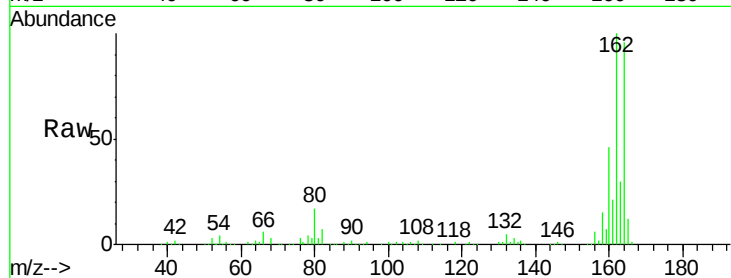
Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:	165	Resp:	25408
Ion Ratio	Lower	Upper	
165	100		
63	1.3	51.4	77.2#
89	1.9	72.6	108.8#
182	0.0	1.4	2.0#

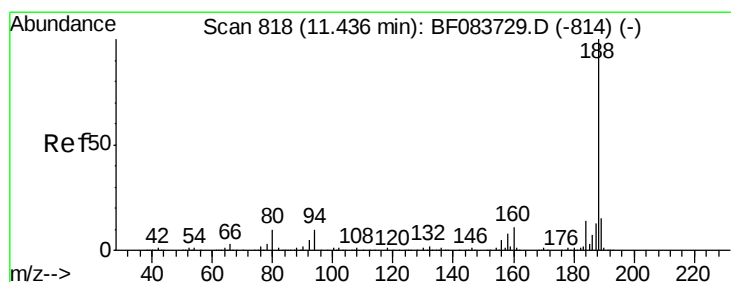
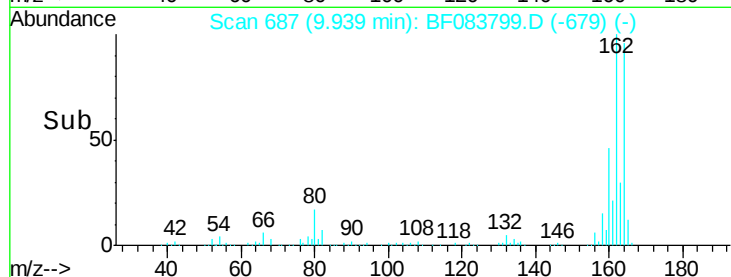
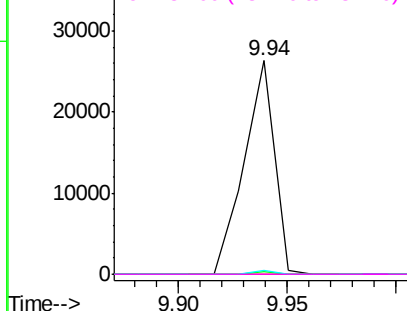


Abundance Ion 165.00 (164.70 to 165.70): E

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

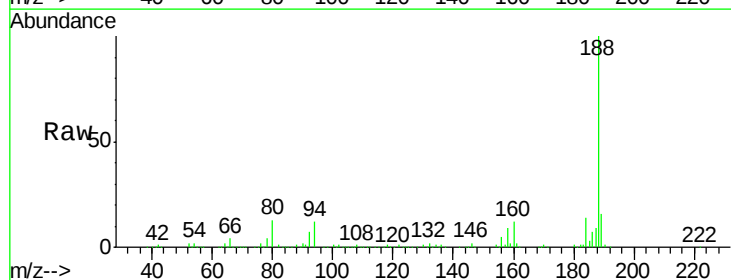
RT: 11.41 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF083799.D

Acq: 15 Dec 2015 5:26

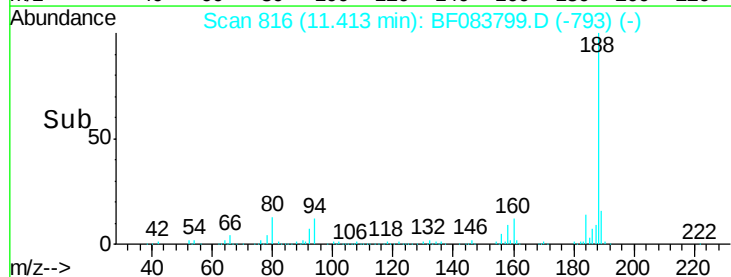
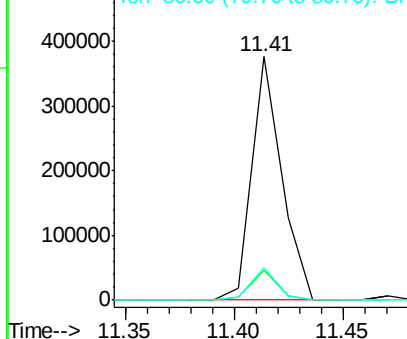
Tgt Ion:	188	Resp:	358921
Ion Ratio	Lower	Upper	
188	100		
94	12.4	9.4	14.2
80	13.3	10.6	16.0

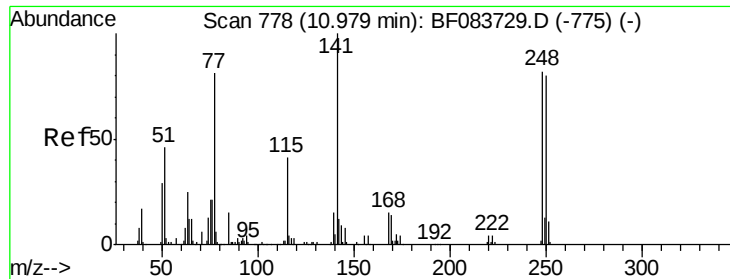


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

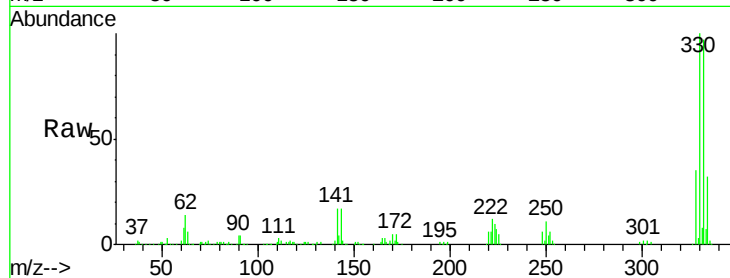




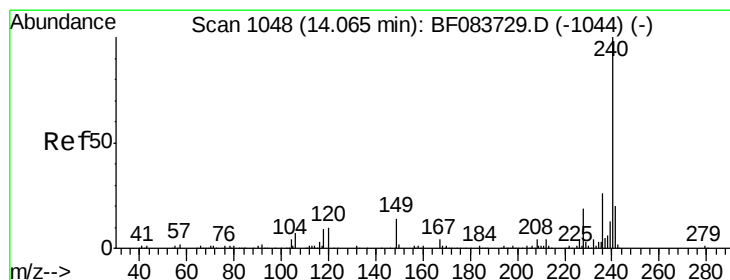
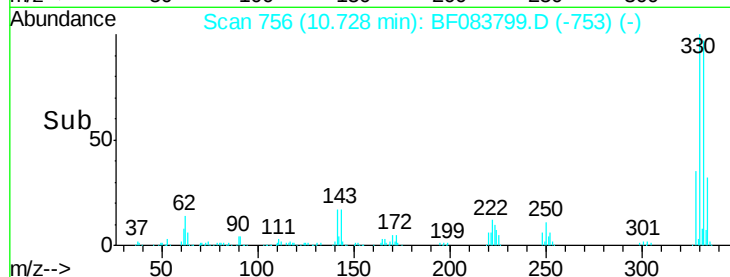
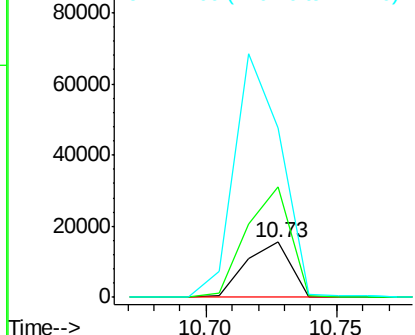
#66
 4-Bromophenyl-phenylether
 Concen: 4.61 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.26 min
 Lab File: BF083799.D
 Acq: 15 Dec 2015 5:26

Instrument :
 BNA_F
 ClientSampleId :
 W-37

Tgt Ion:248 Resp: 18482
 Ion Ratio Lower Upper
 248 100
 250 199.6 79.2 118.8#
 141 306.7 58.2 87.4#

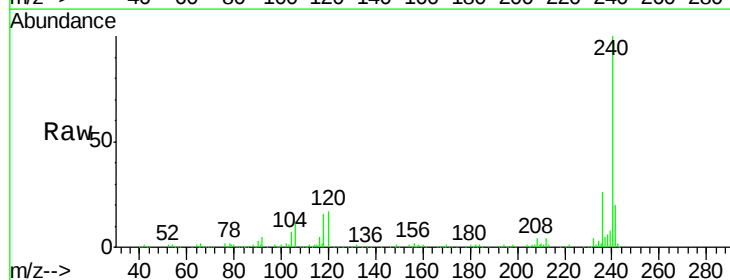


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

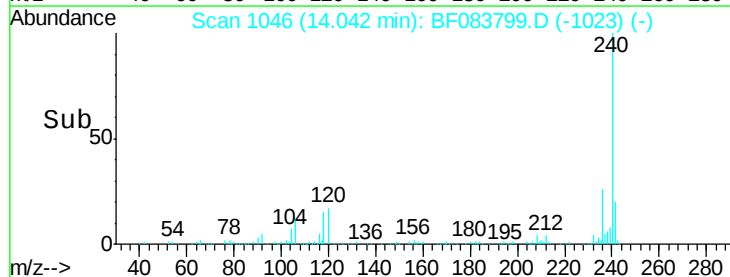
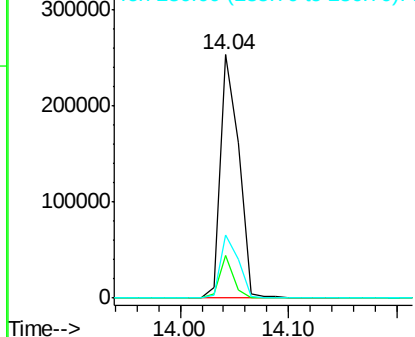


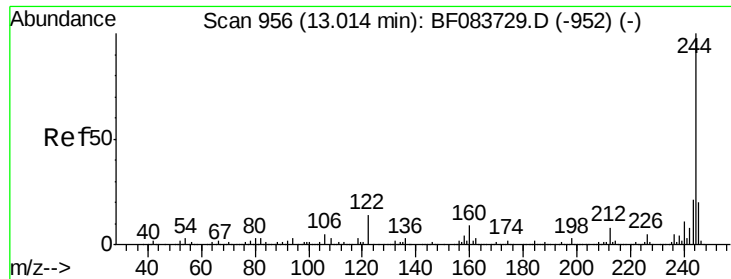
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF083799.D
 Acq: 15 Dec 2015 5:26

Tgt Ion:240 Resp: 298501
 Ion Ratio Lower Upper
 240 100
 120 17.4 8.1 12.1#
 236 26.2 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

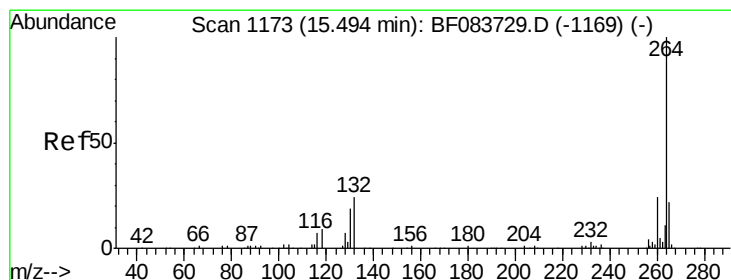
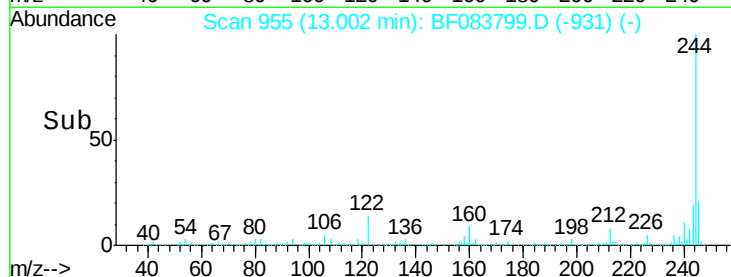
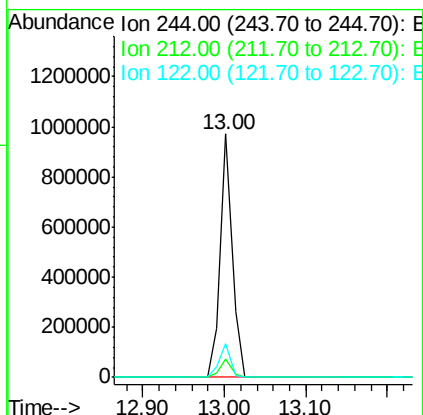
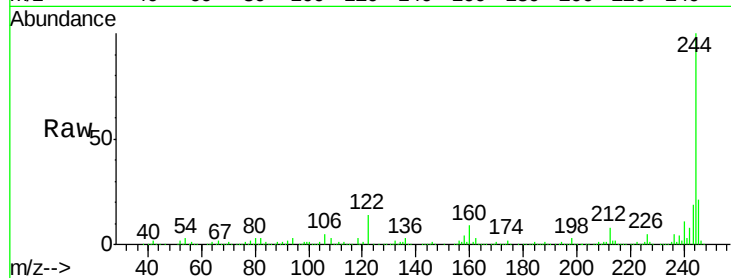




#78
 Terphenyl-d14
 Concen: 71.36 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083799.D
 Acq: 15 Dec 2015 5:26

Instrument :
 BNA_F
 ClientSampleId :
 W-37

Tgt Ion:244 Resp: 990230
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 13.8 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083799.D
 Acq: 15 Dec 2015 5:26

Tgt Ion:264 Resp: 233417
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.4 29.0
 265 21.4 17.8 26.6

