

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121115\
 Data File : BF083717.D
 Acq On : 12 Dec 2015 1:38
 Operator : UM/IZ
 Sample : G4739-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB120915

Quant Time: Dec 12 02:44:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 19:24:37 2015
 Response via : Initial Calibration

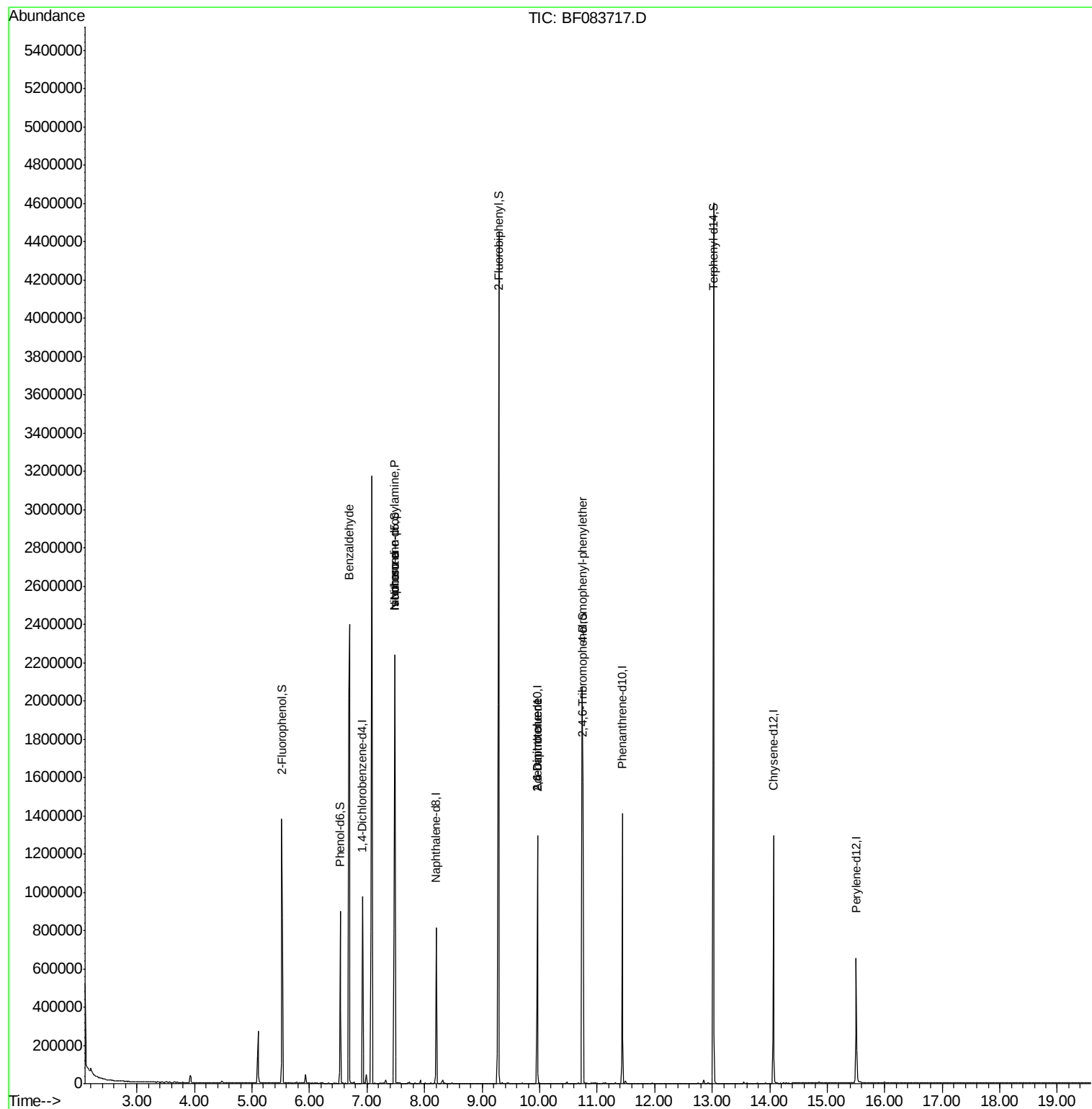
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	137370	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	531468	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	256746	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	468285	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	419157	20.00	ng	-0.01
86) Perylene-d12	15.51	264	288696	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	490151	54.95	ng	-0.01
7) Phenol-d6	6.53	99	354906	32.22	ng	-0.01
23) Nitrobenzene-d5	7.48	82	748886	95.56	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	391831	157.66	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1513175	86.81	ng	0.00
78) Terphenyl-d14	13.03	244	1468678	78.68	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	19670	3.24	ng	Qvalue 98
19) n-Nitroso-di-n-propylamine	7.48	70	101842	15.86	ng	# 74
25) Isophorone	7.48	82	741411	42.33	ng	# 69
50) 2,6-Dinitrotoluene	9.96	165	32666	8.52	ng	# 17
56) 2,4-Dinitrotoluene	9.96	165	32668	6.70	ng	# 12
66) 4-Bromophenyl-phenylether	10.74	248	24883	4.97	ng	# 1

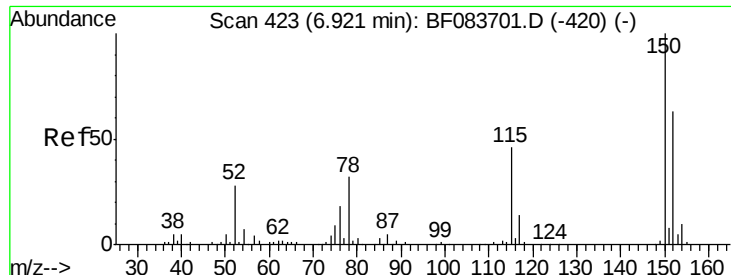
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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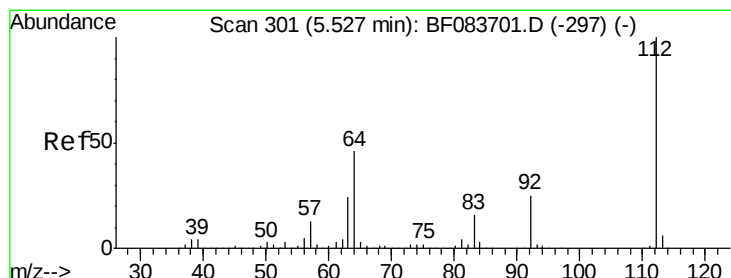
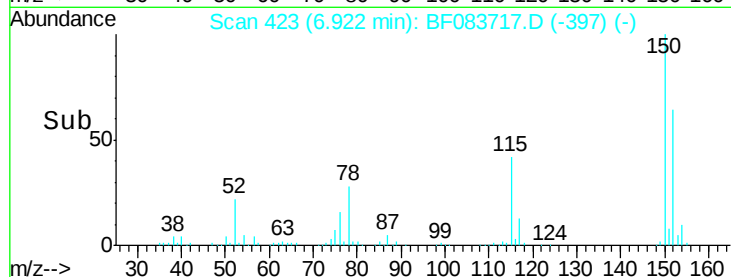
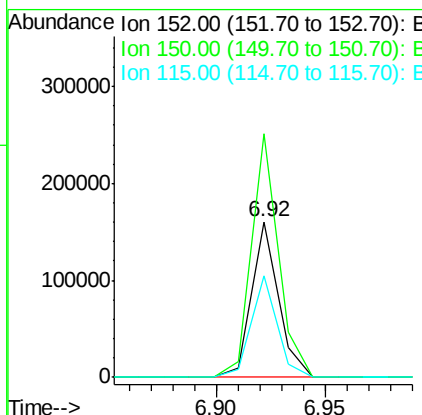
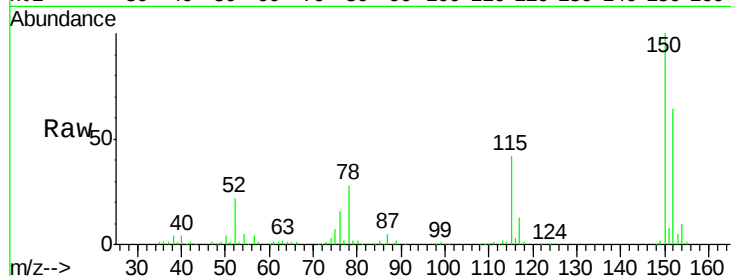




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF083717.D
 Acq: 12 Dec 2015 1:38

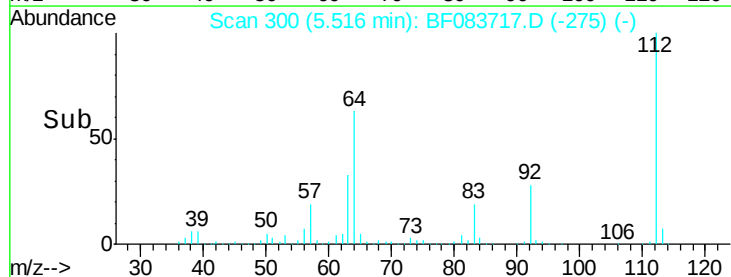
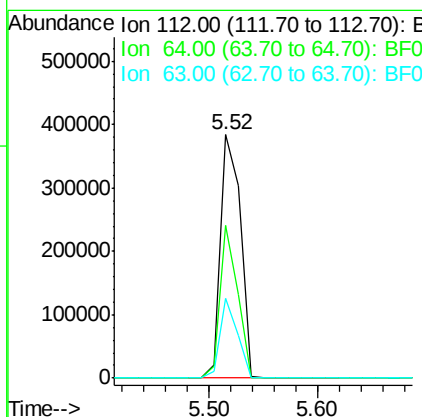
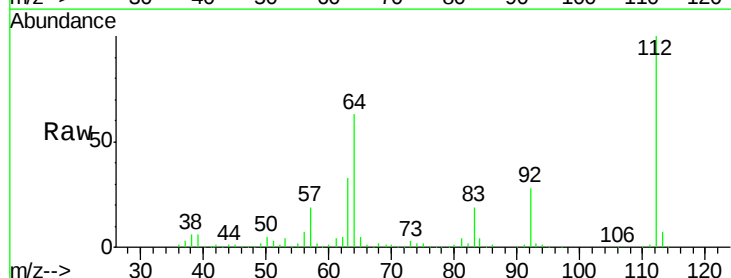
Instrument :
 BNA_F
 ClientSampleId :
 FB120915

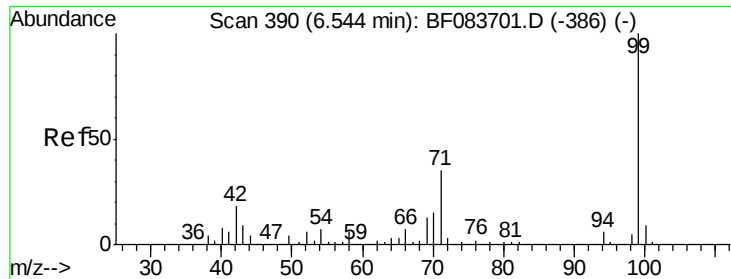
Tgt Ion:152 Resp: 137370
 Ion Ratio Lower Upper
 152 100
 150 156.5 126.5 189.7
 115 65.1 52.3 78.5



#5
 2-Fluorophenol
 Concen: 54.95 ng
 RT: 5.52 min Scan# 300
 Delta R.T. -0.01 min
 Lab File: BF083717.D
 Acq: 12 Dec 2015 1:38

Tgt Ion:112 Resp: 490151
 Ion Ratio Lower Upper
 112 100
 64 62.6 50.5 75.7
 63 32.8 25.8 38.6





#7

Phenol-d6

Concen: 32.22 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083717.D

Acq: 12 Dec 2015 1:38

Instrument :

BNA_F

ClientSampleId :

FB120915

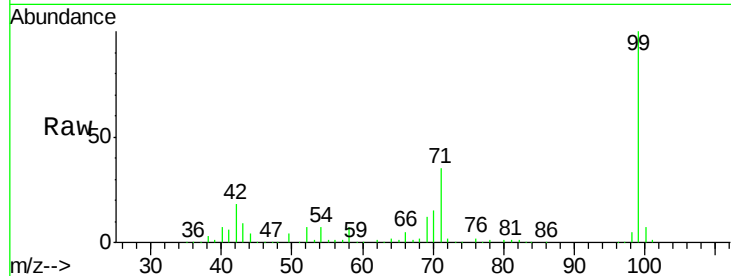
Tgt Ion: 99 Resp: 354906

Ion Ratio Lower Upper

99 100

42 17.7 17.3 25.9

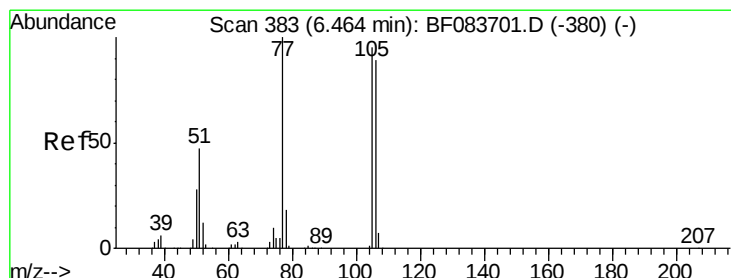
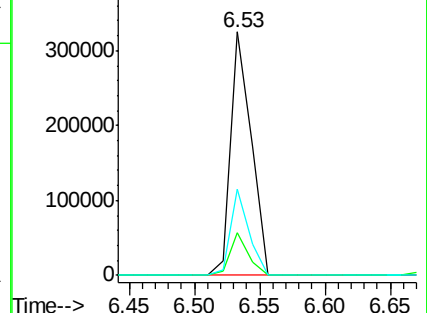
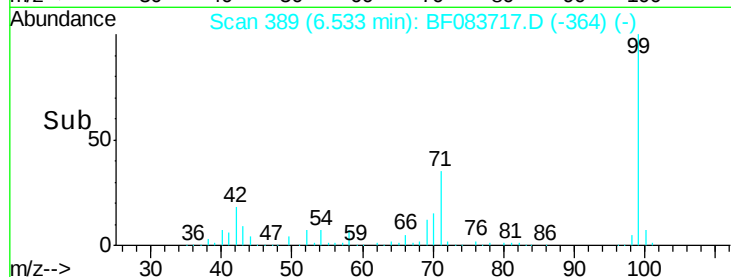
71 35.3 26.6 40.0



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



#9

Benzaldehyde

Concen: 3.24 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.23 min

Lab File: BF083717.D

Acq: 12 Dec 2015 1:38

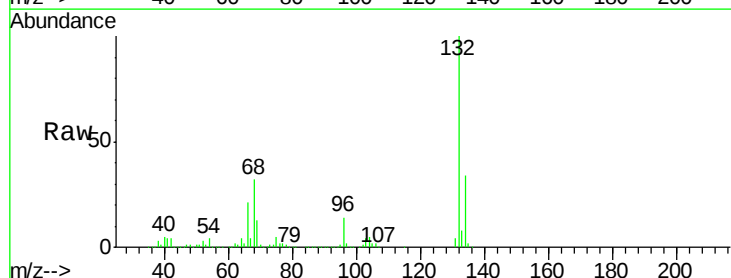
Tgt Ion: 77 Resp: 19670

Ion Ratio Lower Upper

77 100

105 89.2 71.8 111.8

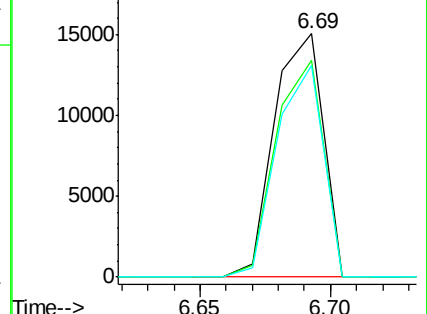
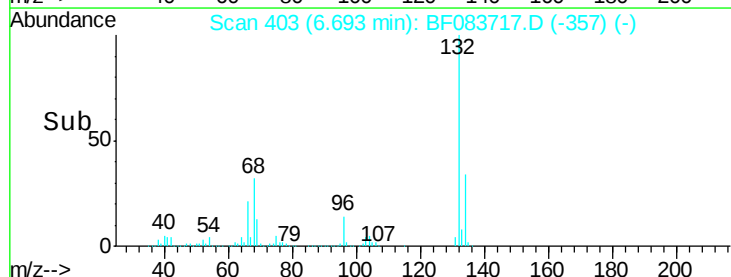
106 87.0 66.8 106.8

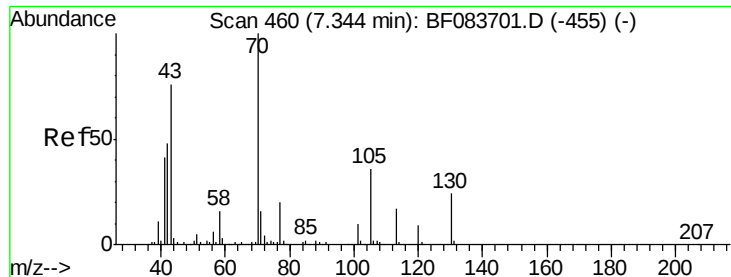


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 15.86 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF083717.D

Acq: 12 Dec 2015 1:38

Instrument :

BNA_F

ClientSampleId :

FB120915

Tgt Ion: 70 Resp: 101842

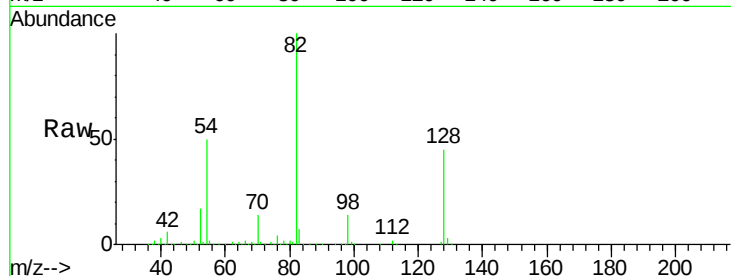
Ion Ratio Lower Upper

70 100

42 43.7 49.2 73.8#

101 0.0 7.1 10.7#

130 2.3 15.4 23.0#

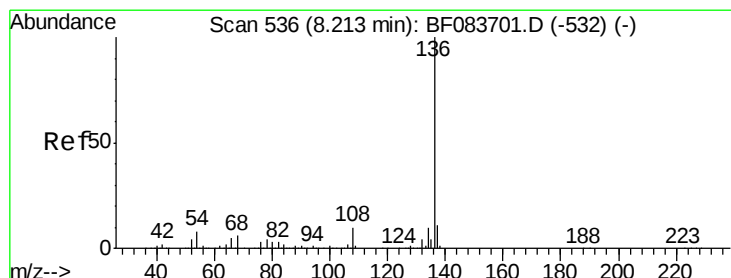
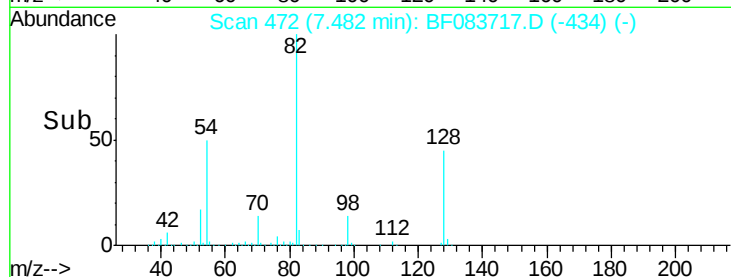
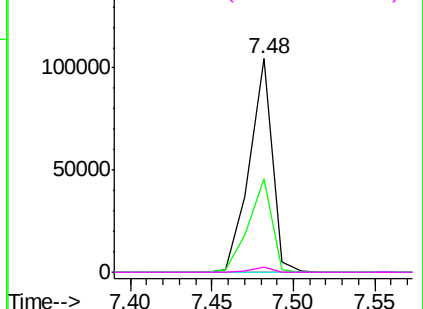


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF083717.D

Acq: 12 Dec 2015 1:38

Tgt Ion: 136 Resp: 531468

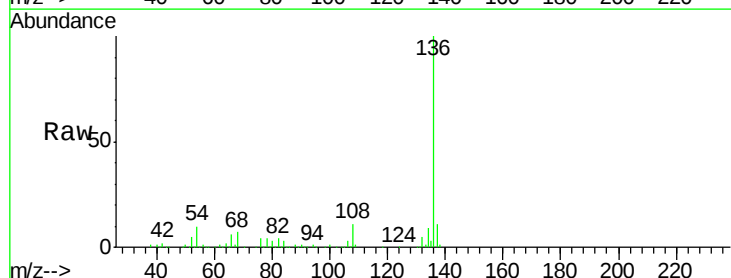
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.5 7.8 11.6

68 7.5 5.7 8.5

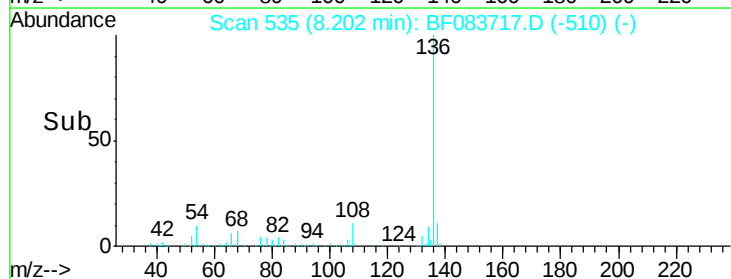
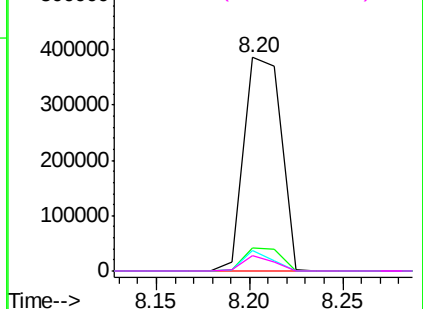


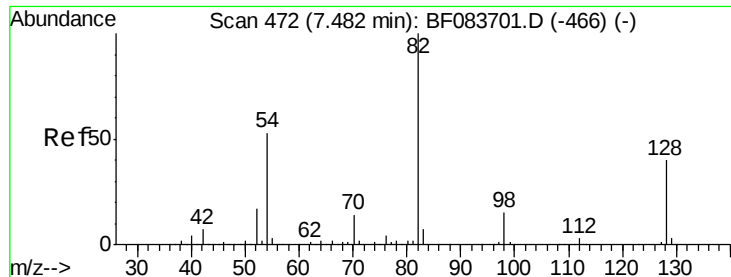
Abundance Ion 136.00 (135.70 to 136.70): E

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

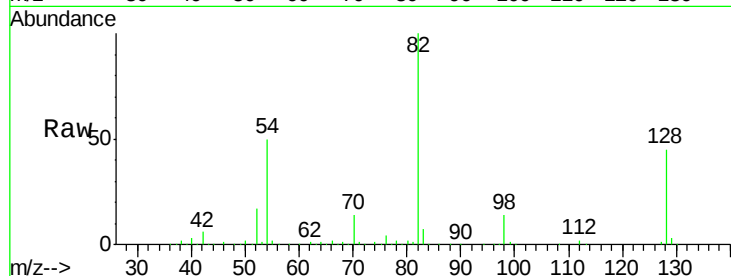




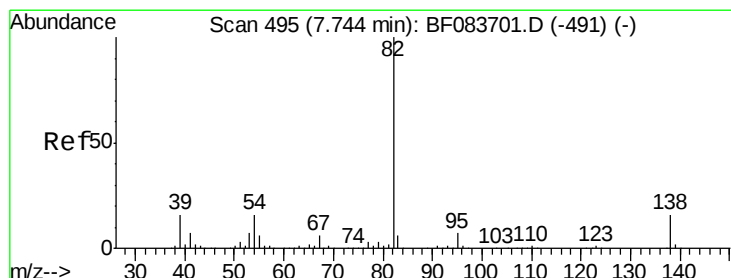
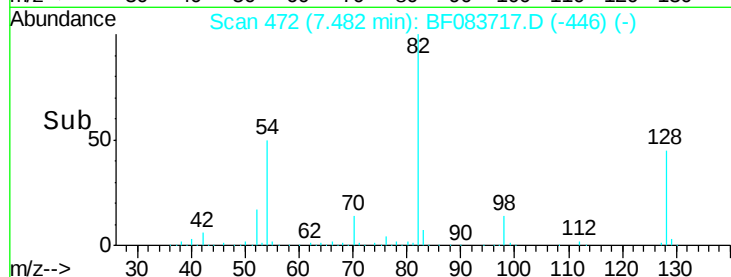
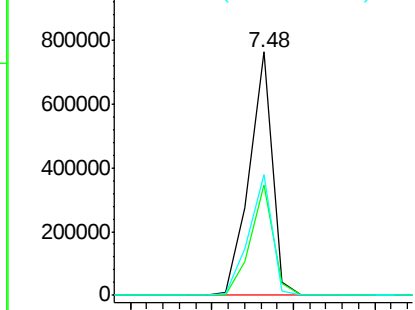
#23
 Nitrobenzene-d5
 Concen: 95.56 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083717.D
 Acq: 12 Dec 2015 1:38

Instrument :
 BNA_F
 ClientSampleId :
 FB120915

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	30.7	46.1
54	49.8	42.5	63.7

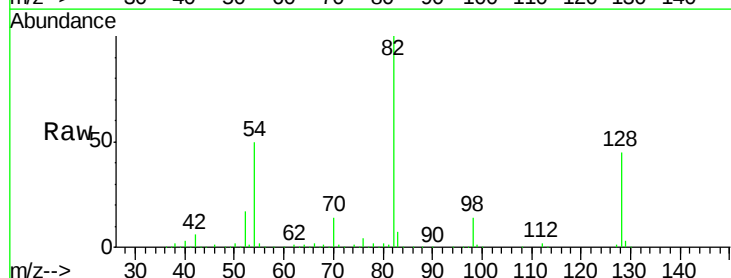


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

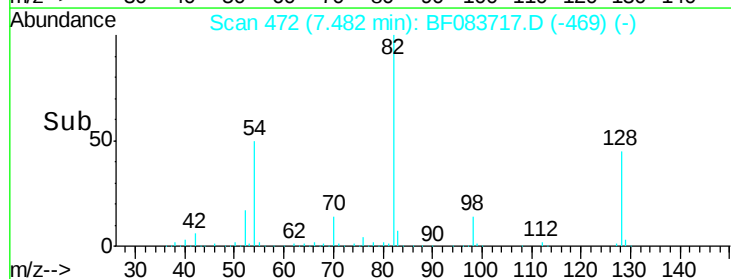
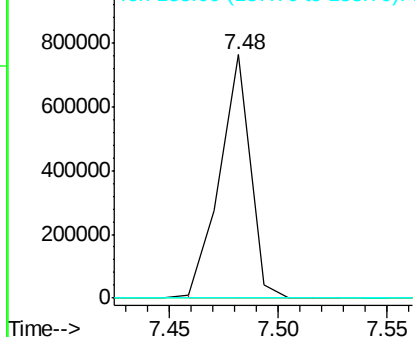


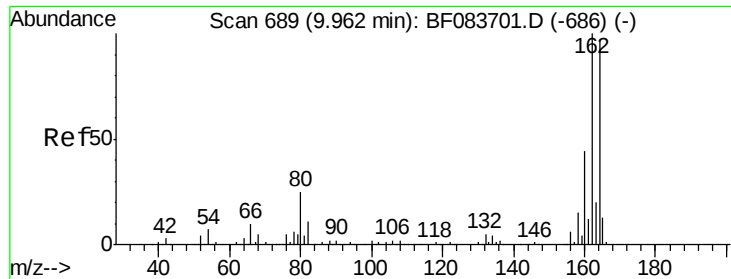
#25
 Isophorone
 Concen: 42.33 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.26 min
 Lab File: BF083717.D
 Acq: 12 Dec 2015 1:38

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): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF083717.D

Acq: 12 Dec 2015 1:38

Instrument :

BNA_F

ClientSampleId :

FB120915

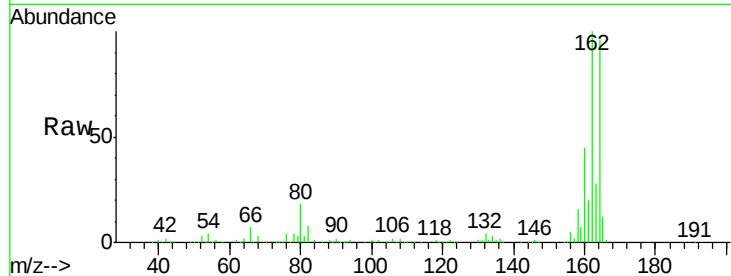
Tgt Ion:164 Resp: 256746

Ion Ratio Lower Upper

164 100

162 104.0 78.8 118.2

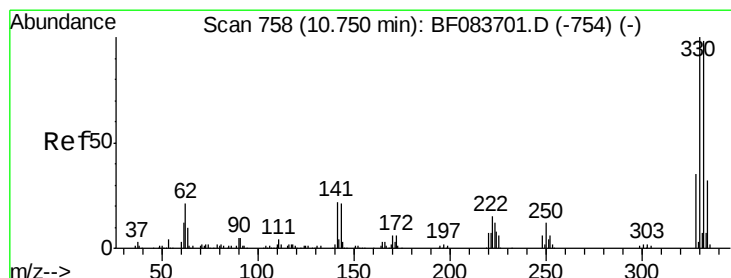
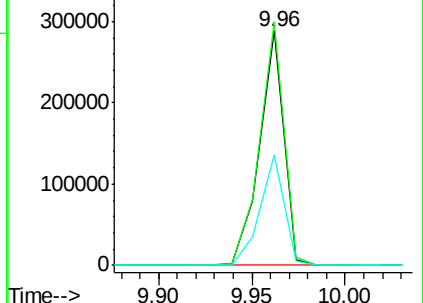
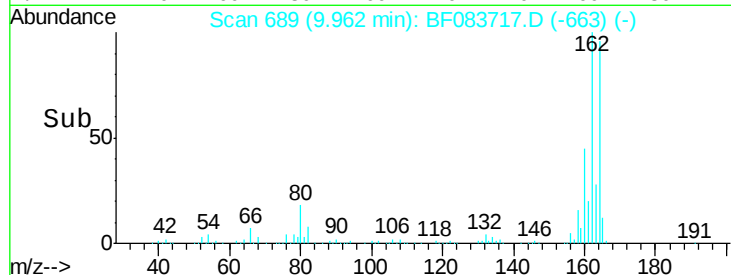
160 47.0 33.4 50.2



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: 157.66 ng

RT: 10.75 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF083717.D

Acq: 12 Dec 2015 1:38

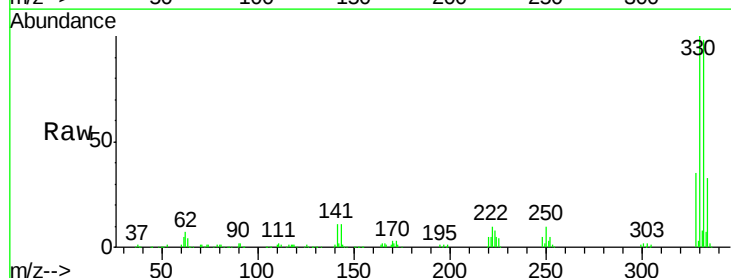
Tgt Ion:330 Resp: 391831

Ion Ratio Lower Upper

330 100

332 96.8 0.0 0.0#

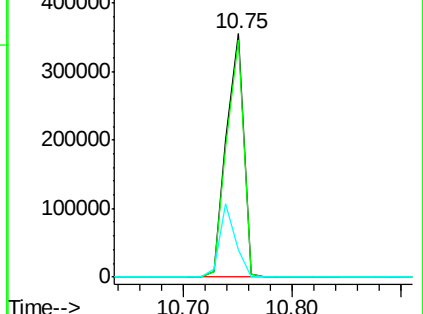
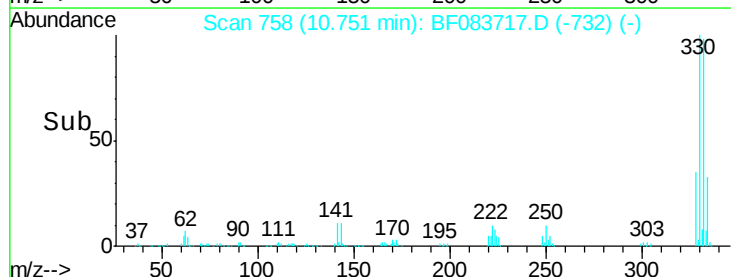
141 28.0 0.0 0.0#

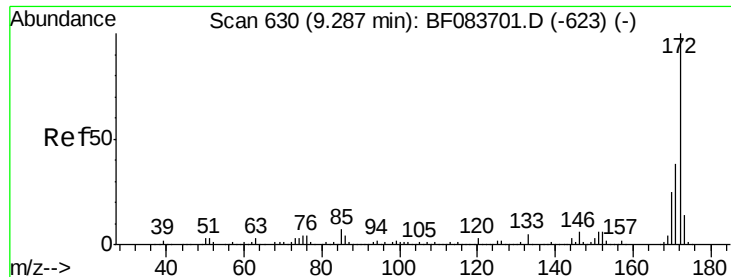


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

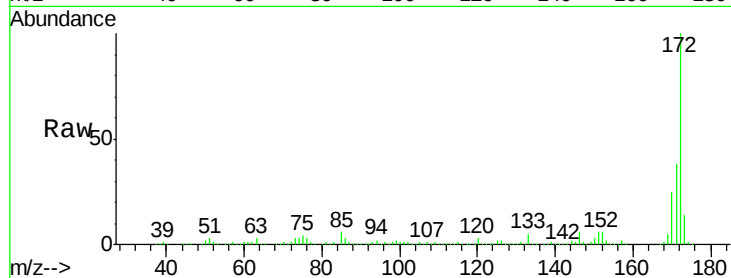




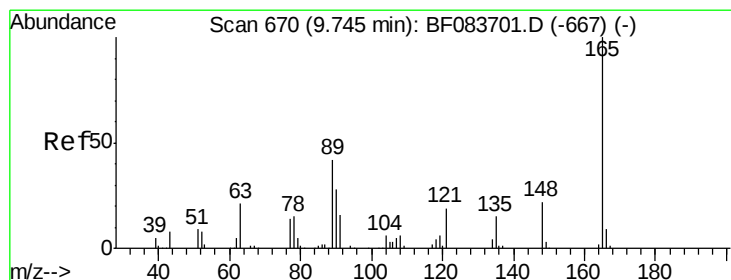
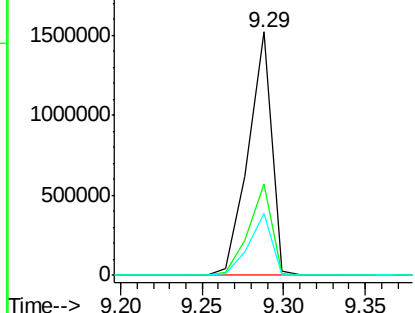
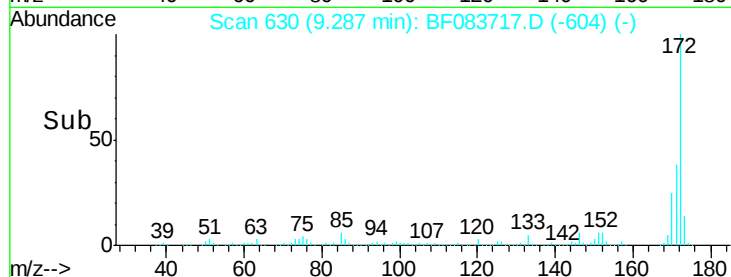
#44
 2-Fluorobiphenyl
 Concen: 86.81 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083717.D
 Acq: 12 Dec 2015 1:38

Instrument :
 BNA_F
 ClientSampleId :
 FB120915

Tgt Ion:172 Resp: 1513175
 Ion Ratio Lower Upper
 172 100
 171 37.8 28.6 42.8
 170 25.3 19.4 29.0

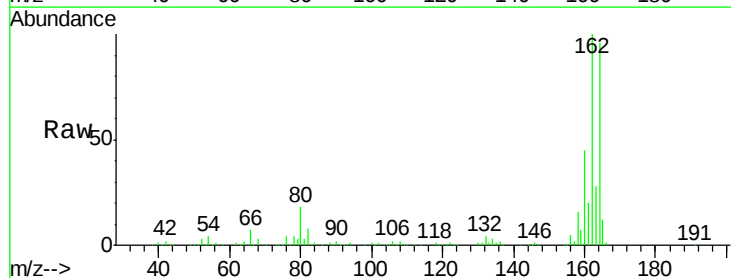


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

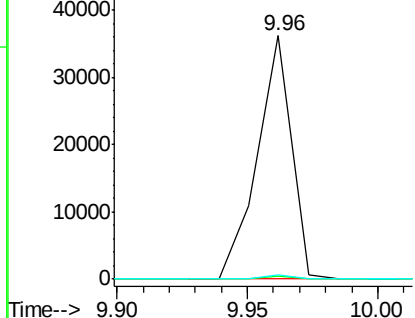
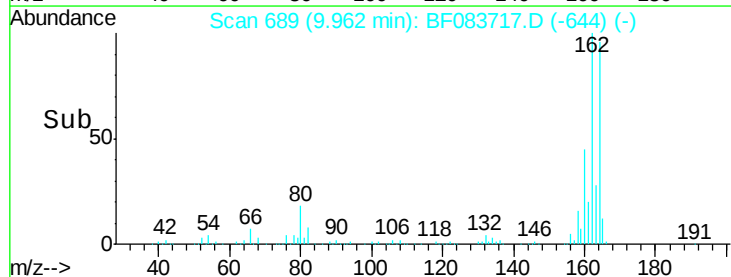


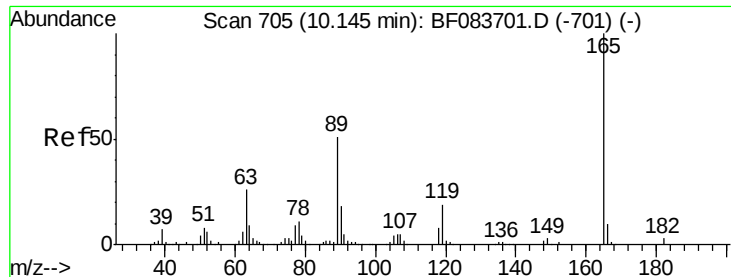
#50
 2,6-Dinitrotoluene
 Concen: 8.52 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.22 min
 Lab File: BF083717.D
 Acq: 12 Dec 2015 1:38

Tgt Ion:165 Resp: 32666
 Ion Ratio Lower Upper
 165 100
 63 1.2 56.9 85.3#
 89 1.5 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

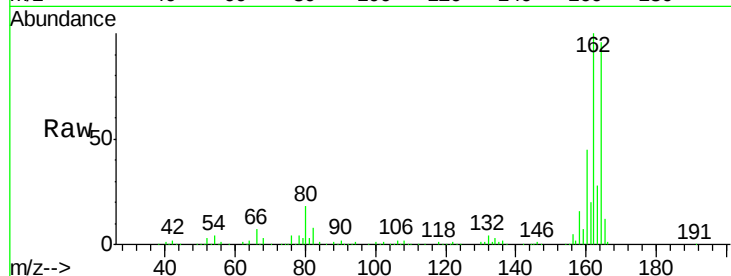




#56
2,4-Dinitrotoluene
Concen: 6.70 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.18 min
Lab File: BF083717.D
Acq: 12 Dec 2015 1:38

Instrument :
BNA_F
ClientSampleId :
FB120915

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	51.4	77.2#
89	1.5	72.6	108.8#
182	0.0	1.4	2.0#

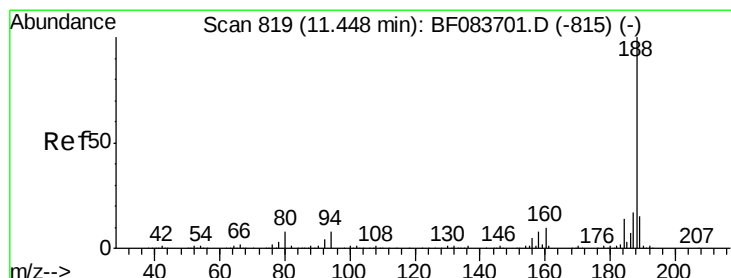
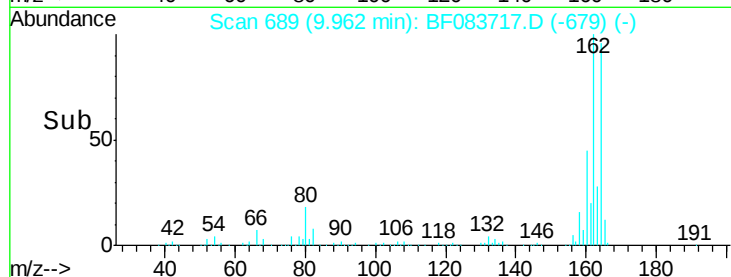
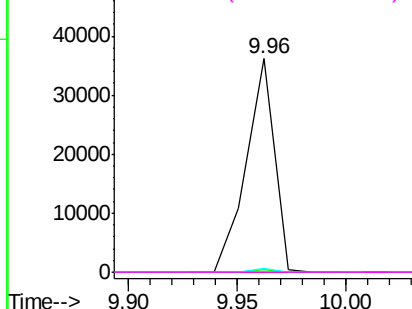


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

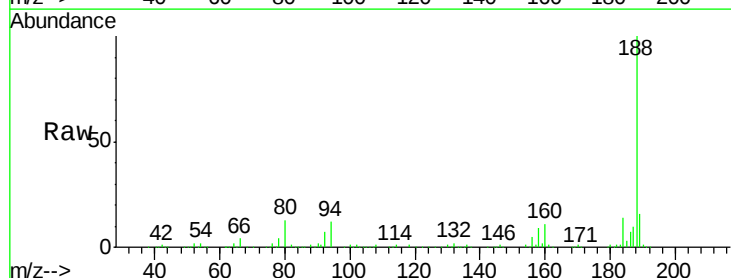
Ion 89.00 (88.70 to 89.70): BF0

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: BF083717.D
Acq: 12 Dec 2015 1:38

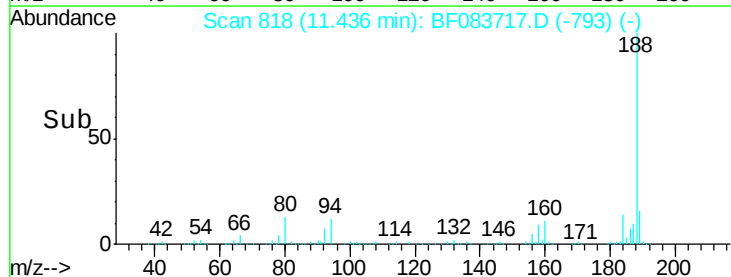
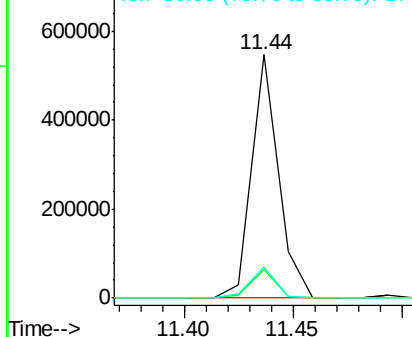
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	12.8	10.6	16.0

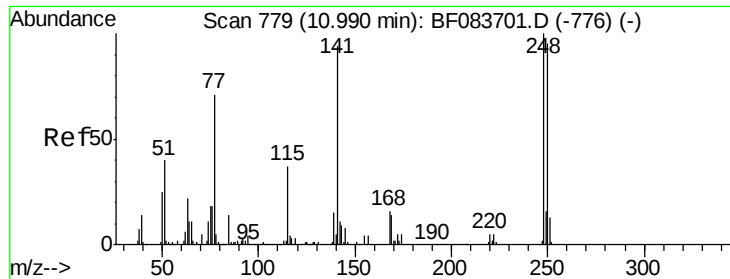


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

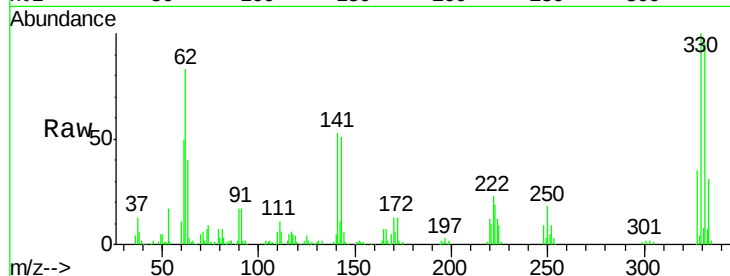




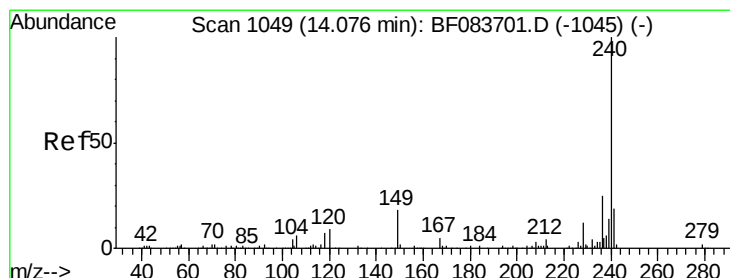
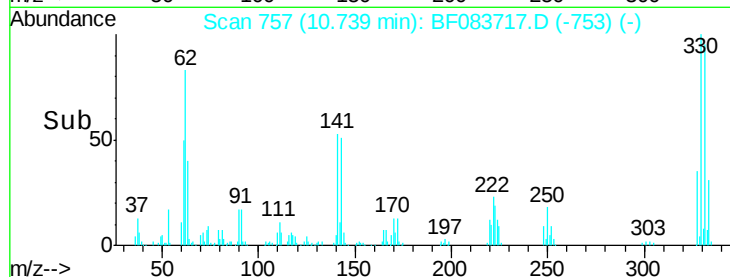
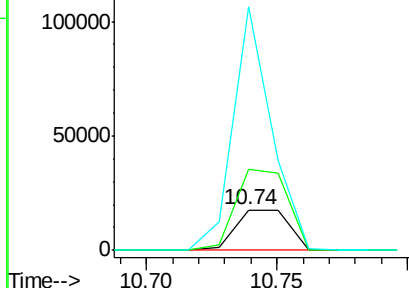
#66
4-Bromophenyl-phenylether
Concen: 4.97 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.25 min
Lab File: BF083717.D
Acq: 12 Dec 2015 1:38

Instrument :
BNA_F
ClientSampleId :
FB120915

Tgt Ion:248 Resp: 24883
Ion Ratio Lower Upper
248 100
250 200.5 79.2 118.8#
141 602.8 58.2 87.4#

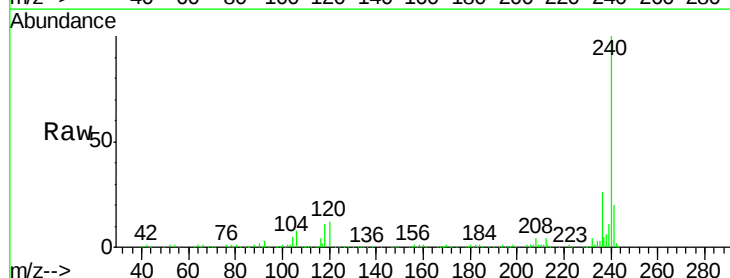


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

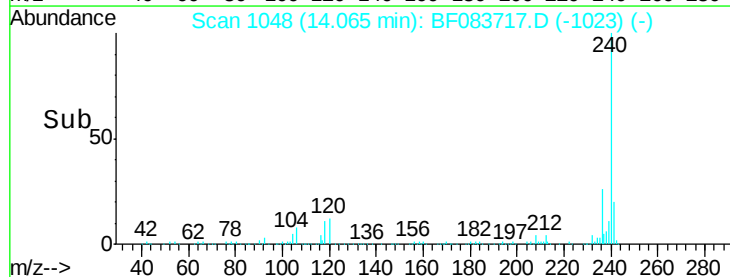
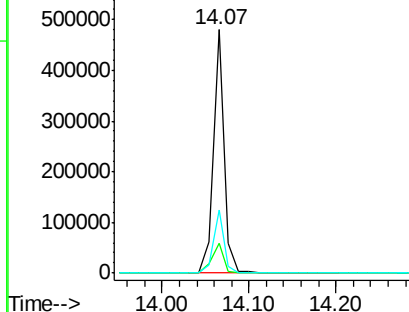


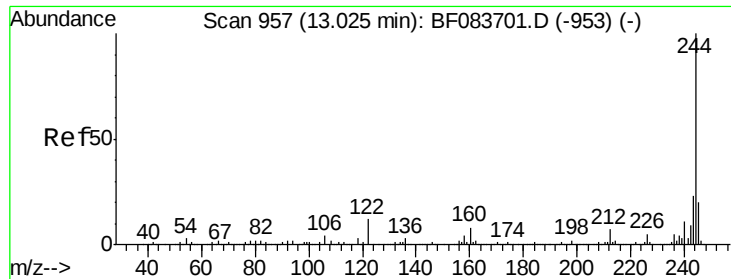
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF083717.D
Acq: 12 Dec 2015 1:38

Tgt Ion:240 Resp: 419157
Ion Ratio Lower Upper
240 100
120 12.3 8.1 12.1#
236 26.0 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

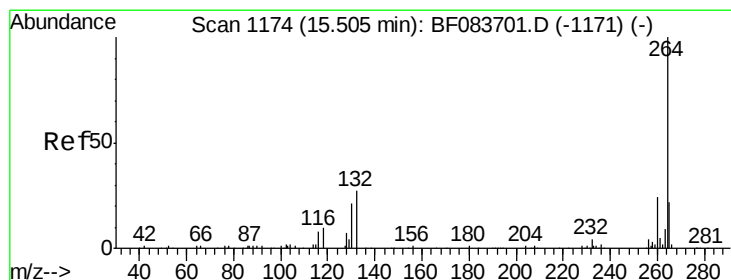
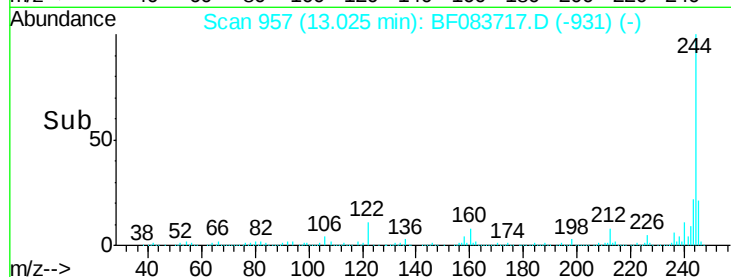
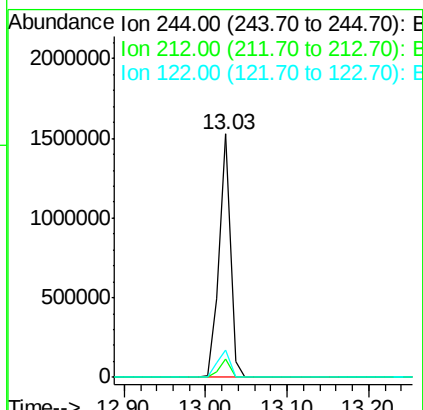
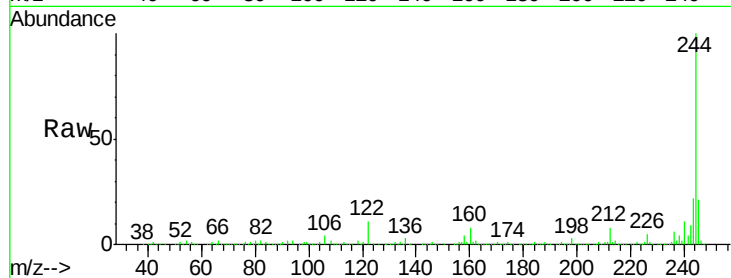




#78
 Terphenyl-d14
 Concen: 78.68 ng
 RT: 13.03 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF083717.D
 Acq: 12 Dec 2015 1:38

Instrument :
 BNA_F
 ClientSampleId :
 FB120915

Tgt Ion:244 Resp: 1468678
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 11.3 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: BF083717.D
 Acq: 12 Dec 2015 1:38

Tgt Ion:264 Resp: 288696
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.0
 265 21.5 17.8 26.6

