

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084106.D
 Acq On : 25 Dec 2015 4:05
 Operator : UM/SJ
 Sample : G4916-11RE
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151217MGP216BRV90

Quant Time: Dec 25 05:52:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

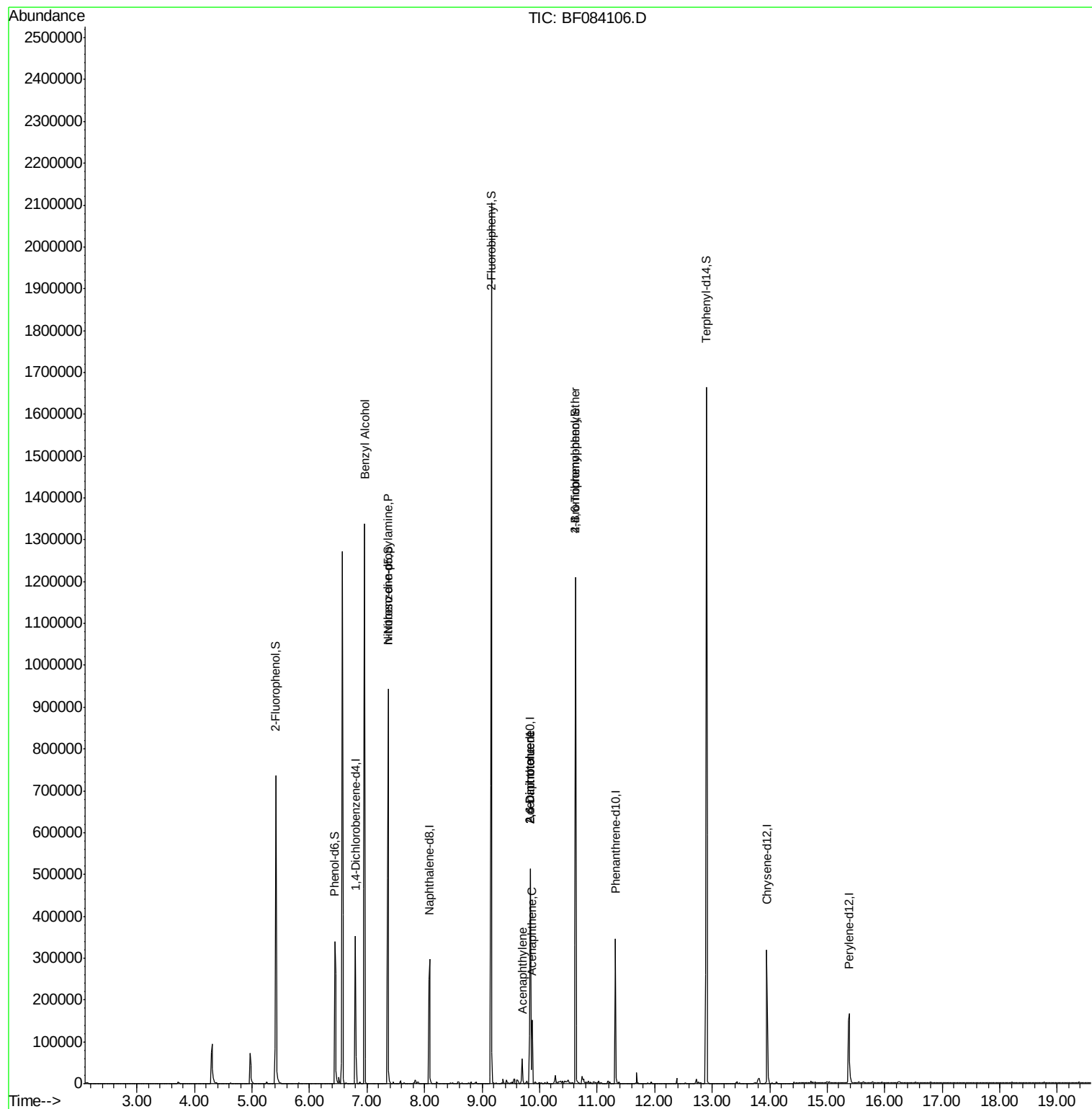
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	53056	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	199311	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	98038	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	172364	20.00	ng	0.00
75) Chrysene-d12	13.95	240	131401	20.00	ng	-0.01
86) Perylene-d12	15.38	264	101081	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	214492	68.54	ng	0.00
7) Phenol-d6	6.44	99	167348	43.22	ng	-0.01
23) Nitrobenzene-d5	7.37	82	353065	103.69	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	137140	131.18	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	661791	92.36	ng	0.00
78) Terphenyl-d14	12.90	244	566308	77.98	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.96	79	6071	2.07	ng	# 43
19) n-Nitroso-di-n-propylamine	7.37	70	48956	20.53	ng	# 75
48) Acenaphthylene	9.70	152	25533	2.31	ng	99
50) 2,6-Dinitrotoluene	9.84	165	12946	7.51	ng	# 35
51) Acenaphthene	9.87	154	46057	7.16	ng	99
56) 2,4-Dinitrotoluene	9.84	165	12946	5.69	ng	# 20
66) 4-Bromophenyl-phenylether	10.62	248	9820	4.92	ng	# 1
74) Fluoranthene	12.53	202	2257	Below	Cal	76

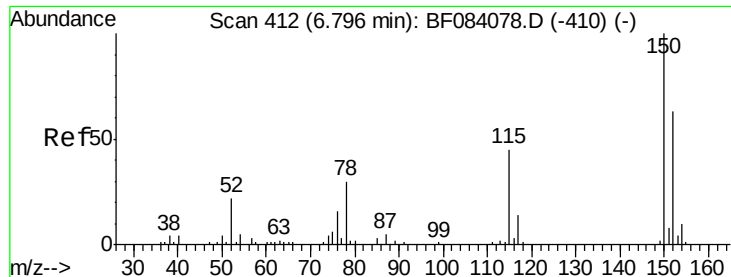
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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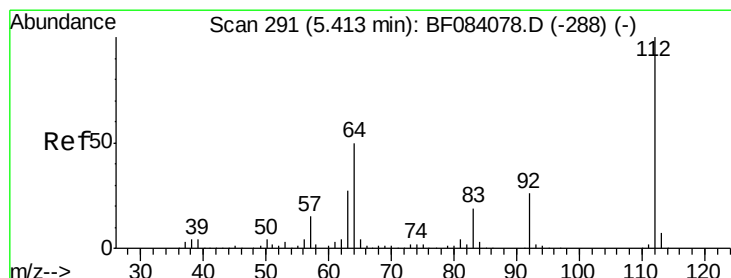
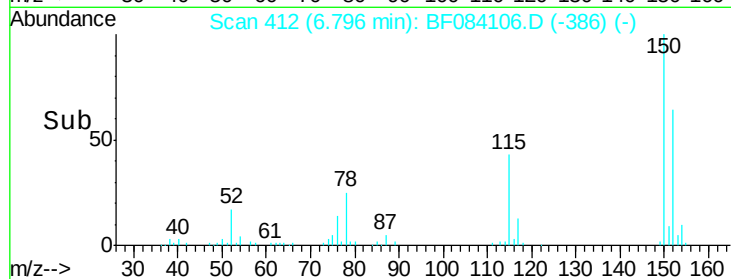
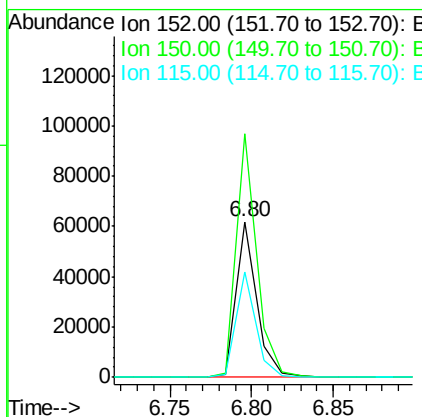
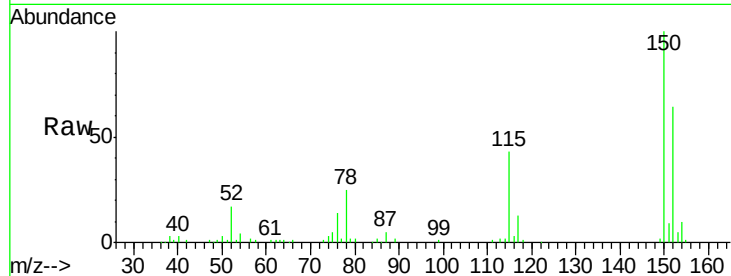




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF084106.D
 Acq: 25 Dec 2015 4:05

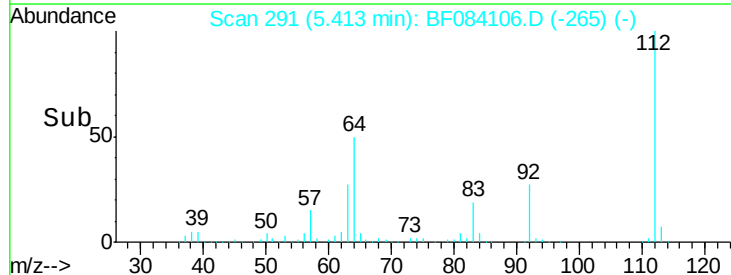
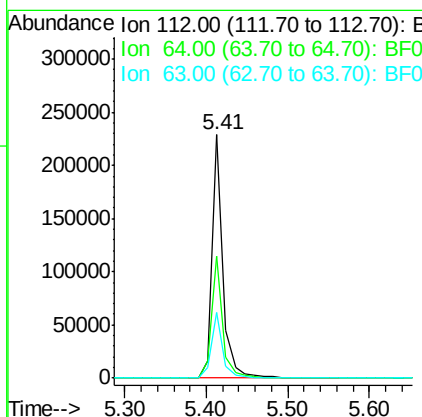
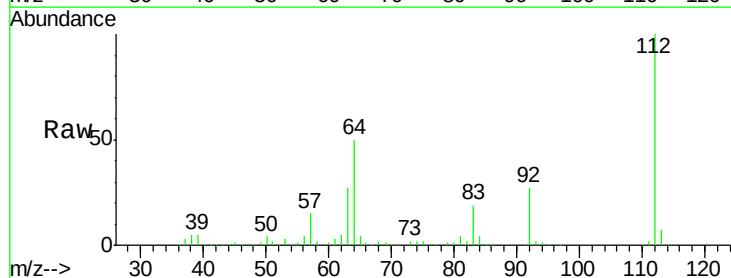
Instrument :
 BNA_F
 ClientSampleId :
 20151217MGP216BRV90

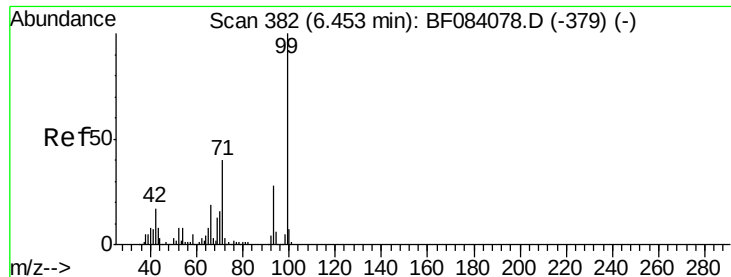
Tgt Ion:152 Resp: 53056
 Ion Ratio Lower Upper
 152 100
 150 156.7 123.0 184.4
 115 67.5 51.4 77.2



#5
 2-Fluorophenol
 Concen: 68.54 ng
 RT: 5.41 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: BF084106.D
 Acq: 25 Dec 2015 4:05

Tgt Ion:112 Resp: 214492
 Ion Ratio Lower Upper
 112 100
 64 50.3 36.6 55.0
 63 27.2 19.4 29.0





#7

Phenol-d6

Concen: 43.22 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084106.D

Acq: 25 Dec 2015 4:05

Instrument :

BNA_F

ClientSampleId :

20151217MGP216BRV90

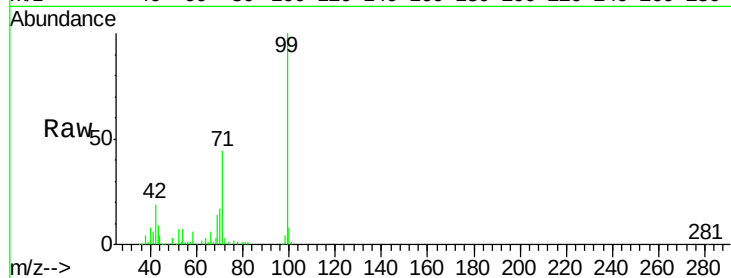
Tgt Ion: 99 Resp: 167348

Ion Ratio Lower Upper

99 100

42 19.3 12.8 19.2#

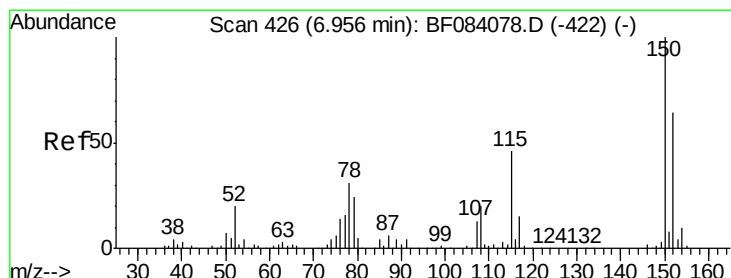
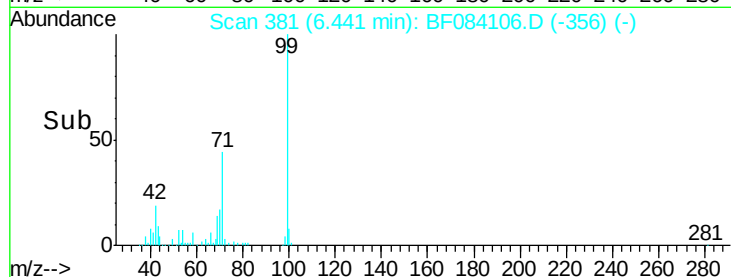
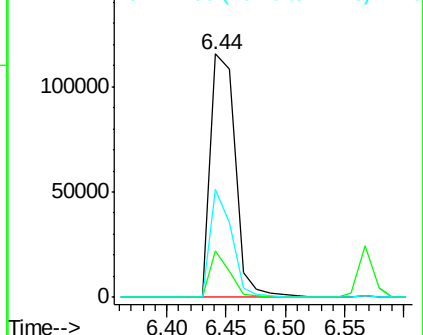
71 44.2 30.9 46.3



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: 2.07 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF084106.D

Acq: 25 Dec 2015 4:05

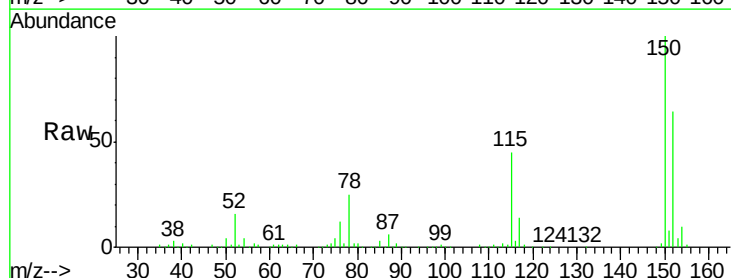
Tgt Ion: 79 Resp: 6071

Ion Ratio Lower Upper

79 100

108 37.3 69.0 103.4#

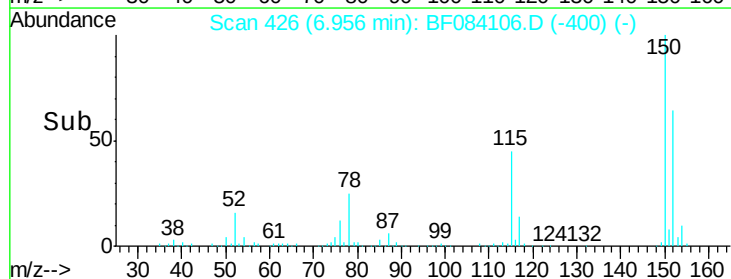
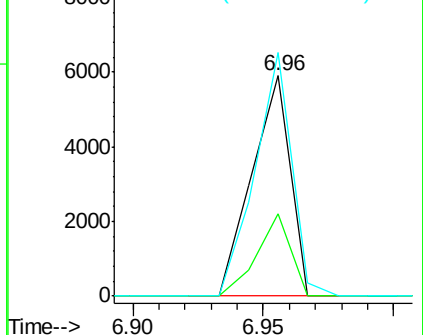
77 110.7 50.0 75.0#

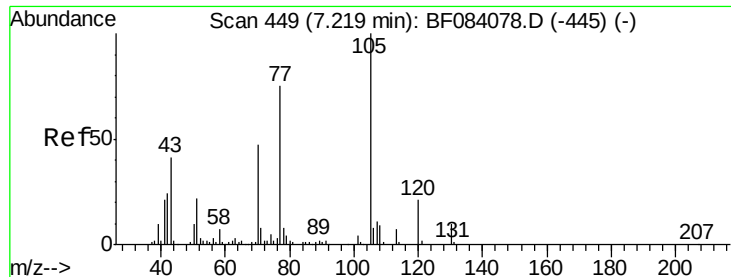


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

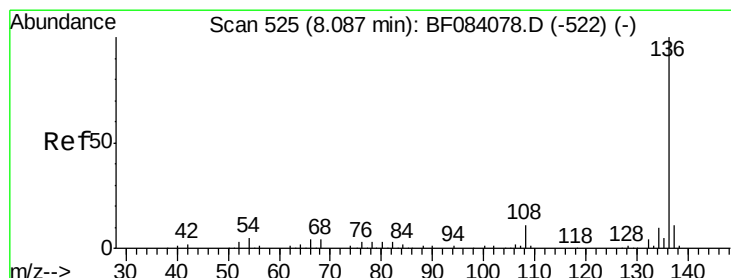
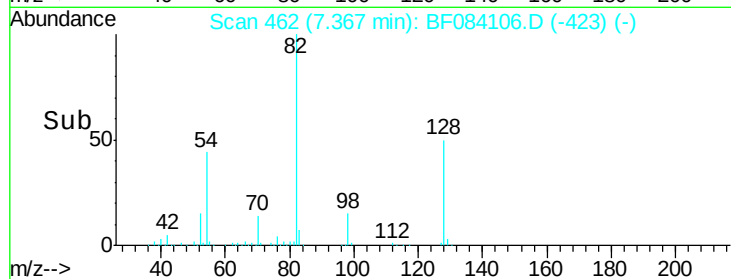
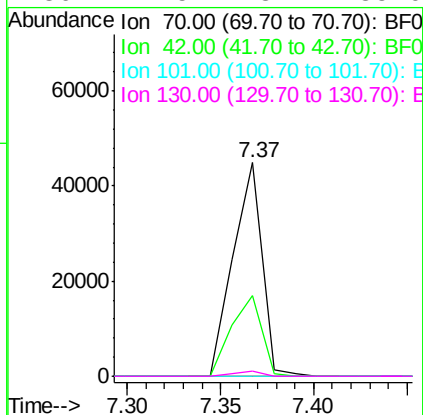
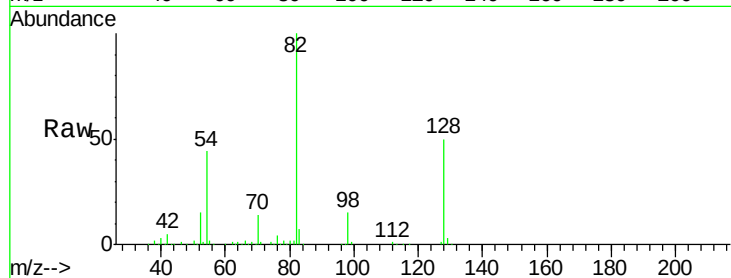




#19
n-Nitroso-di-n-propylamine
Concen: 20.53 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.15 min
Lab File: BF084106.D
Acq: 25 Dec 2015 4:05

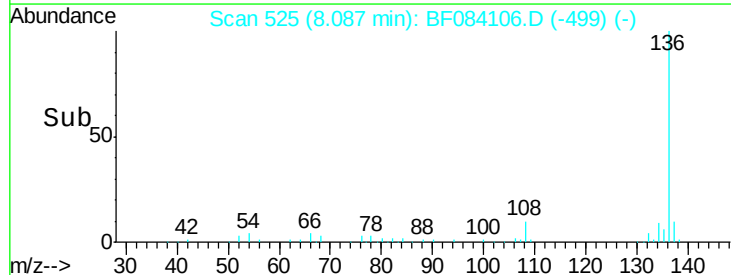
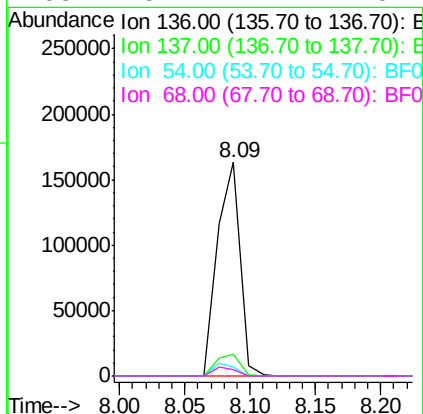
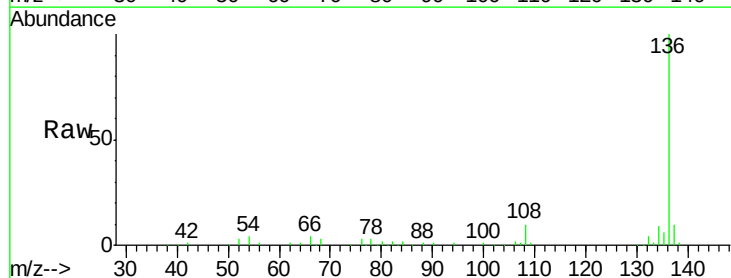
Instrument :
BNA_F
ClientSampleId :
20151217MGP216BRV90

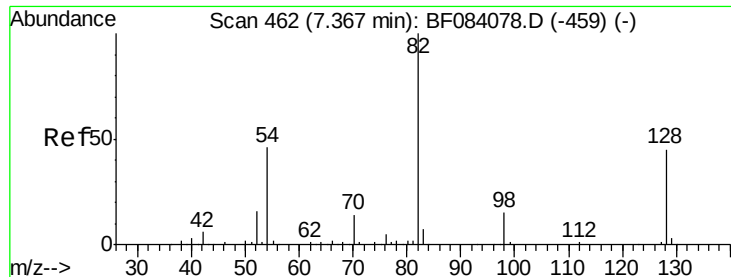
Tgt Ion: 70 Resp: 48956
Ion Ratio Lower Upper
70 100
42 37.8 33.3 49.9
101 0.0 9.3 13.9#
130 2.5 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084106.D
Acq: 25 Dec 2015 4:05

Tgt Ion: 136 Resp: 199311
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 4.2 5.8 8.8#
68 3.2 4.2 6.2#

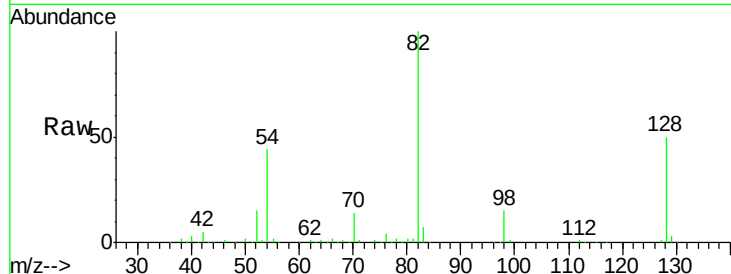




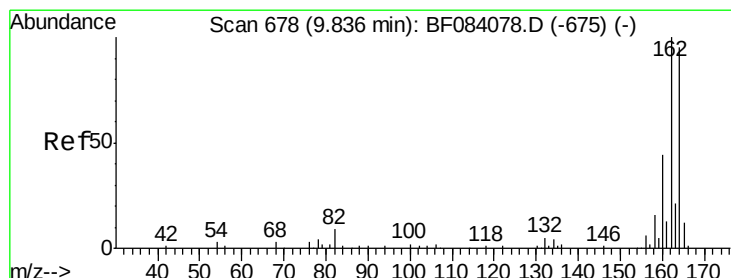
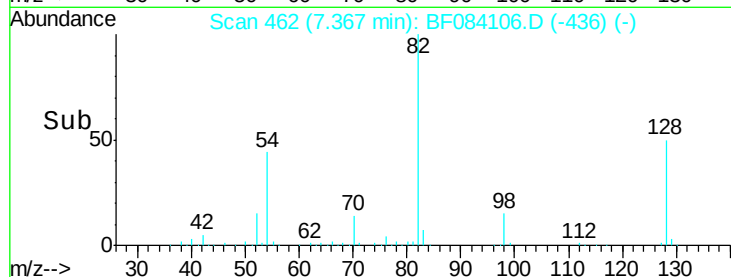
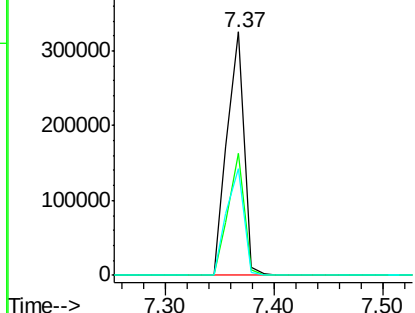
#23
 Nitrobenzene-d5
 Concen: 103.69 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF084106.D
 Acq: 25 Dec 2015 4:05

Instrument :
 BNA_F
 ClientSampleId :
 20151217MGP216BRV90

Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.2	34.6	51.8
54	43.9	38.4	57.6

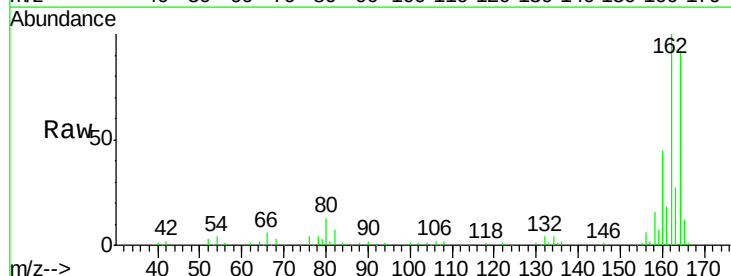


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

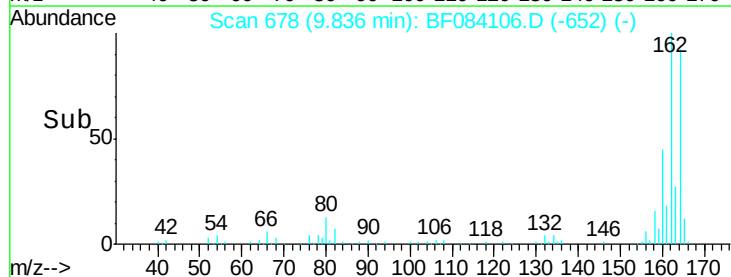
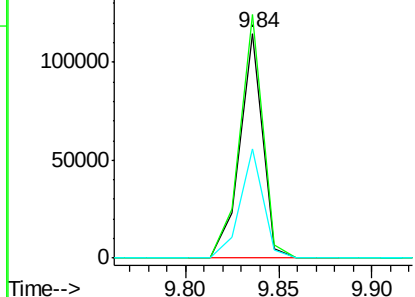


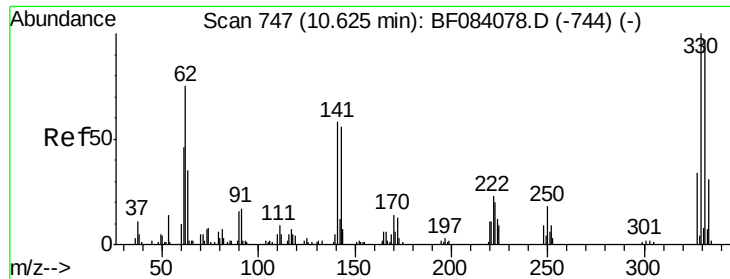
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF084106.D
 Acq: 25 Dec 2015 4:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.4	85.1	127.7
160	48.7	37.5	56.3



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

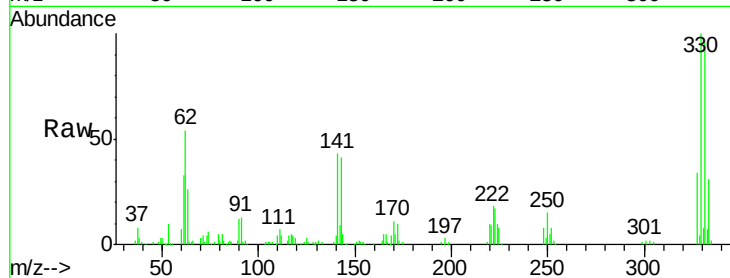




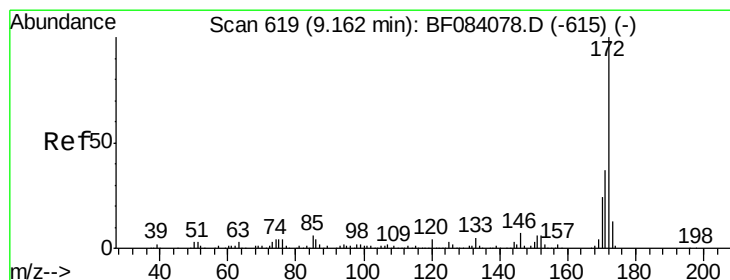
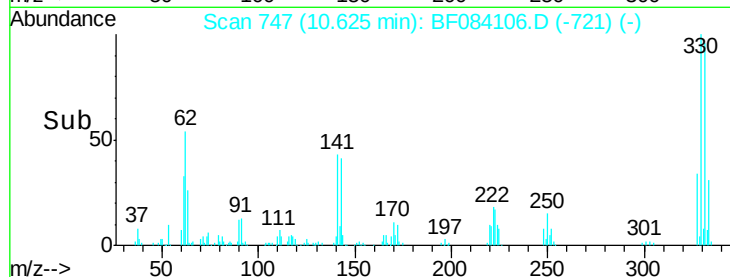
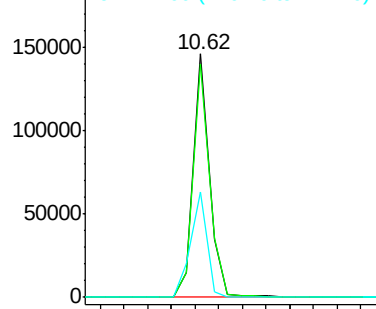
#41
 2,4,6-Tribromophenol
 Concen: 131.18 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF084106.D
 Acq: 25 Dec 2015 4:05

Instrument :
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 20151217MGP216BRV90

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	43.5	27.8	41.6

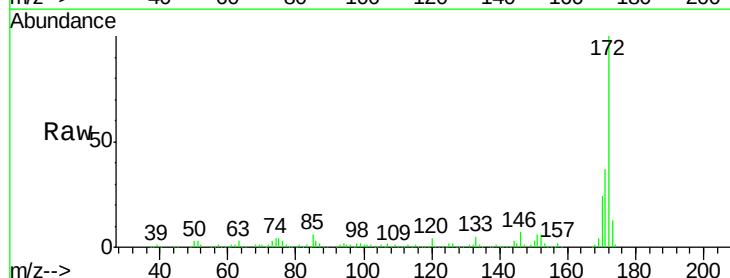


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

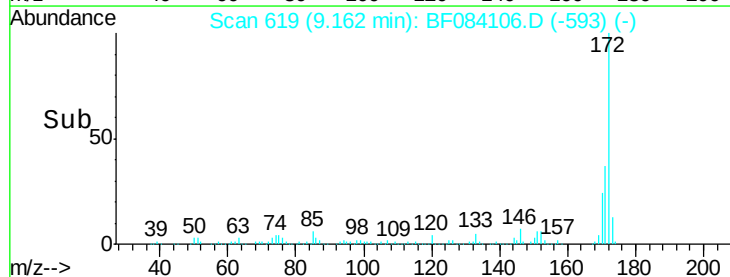
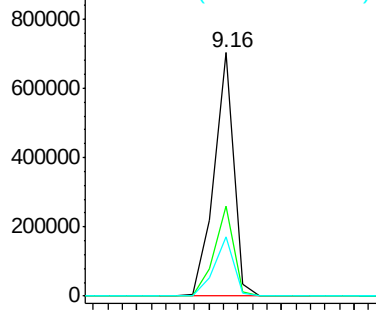


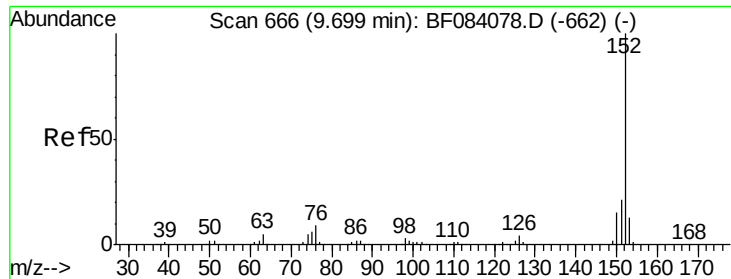
#44
 2-Fluorobiphenyl
 Concen: 92.36 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084106.D
 Acq: 25 Dec 2015 4:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.2	18.6	27.8



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





#48

Acenaphthylene

Concen: 2.31 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF084106.D

Acq: 25 Dec 2015 4:05

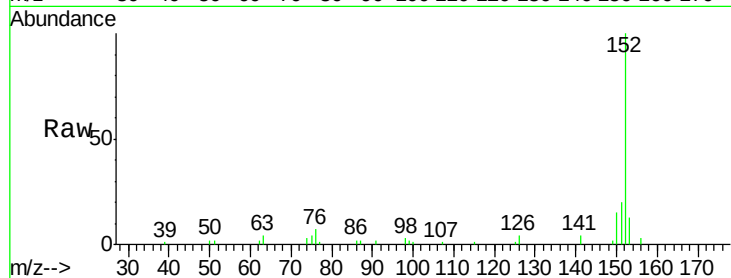
Instrument :

BNA_F

ClientSampleId :

20151217MGP216BRV90

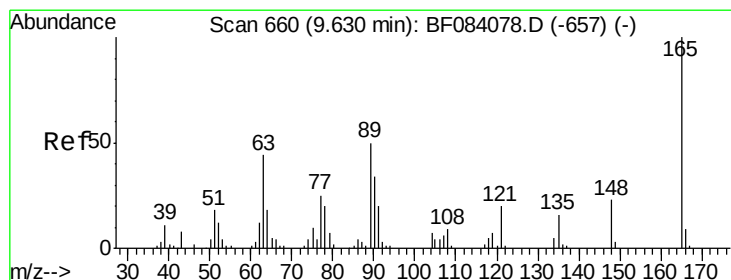
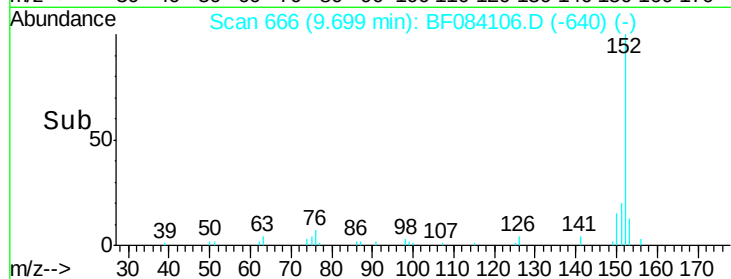
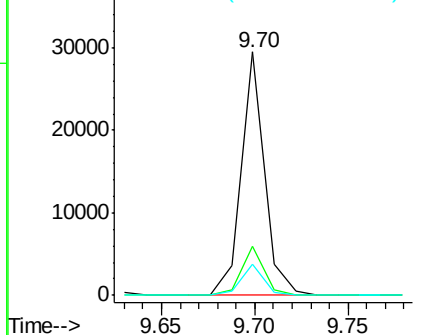
Tgt Ion:	152	Resp:	25533
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	12.9	10.4	15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 7.51 ng

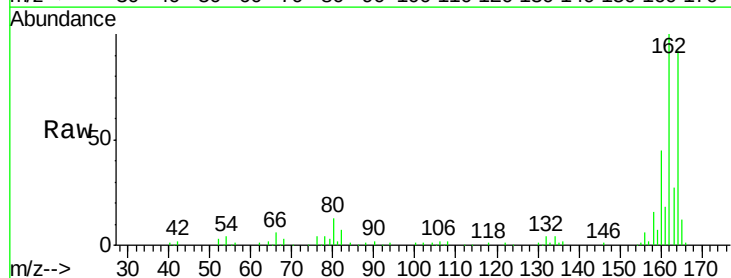
RT: 9.84 min Scan# 678

Delta R.T. 0.21 min

Lab File: BF084106.D

Acq: 25 Dec 2015 4:05

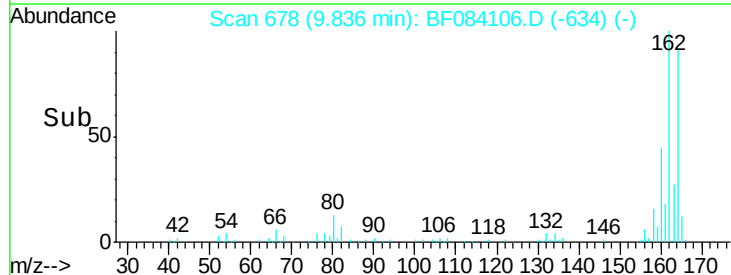
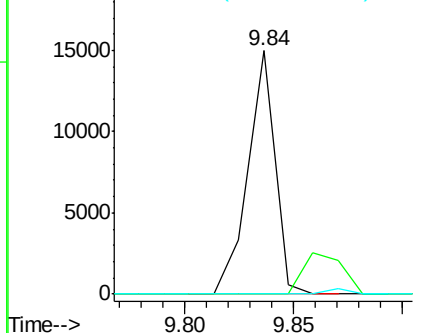
Tgt Ion:	165	Resp:	12946
Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.8	43.2#
89	0.0	35.1	52.7#

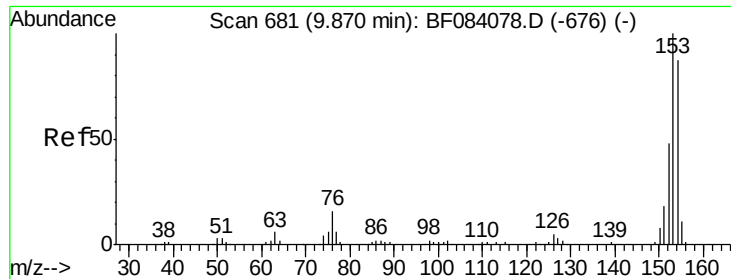


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 7.16 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084106.D

Acq: 25 Dec 2015 4:05

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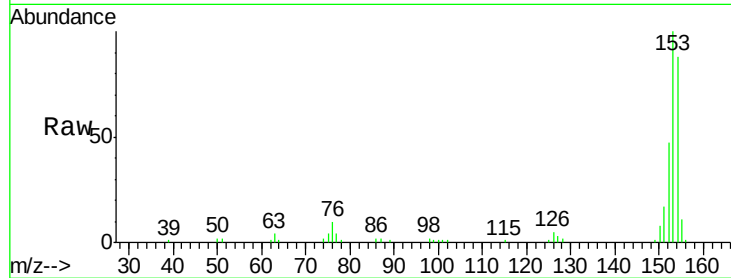
Tgt Ion:154 Resp: 46057

Ion Ratio Lower Upper

154 100

153 113.1 91.5 137.3

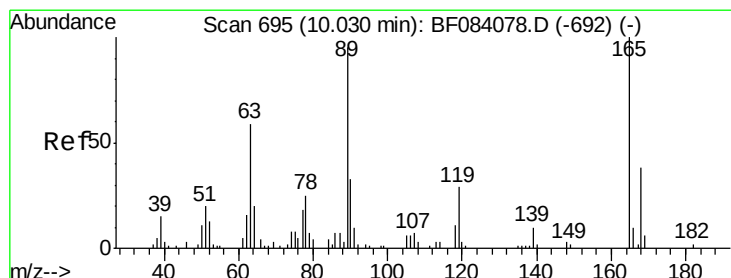
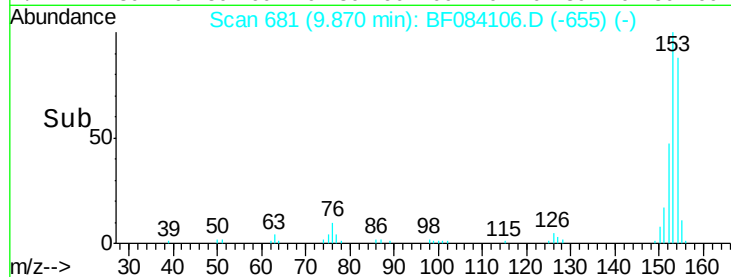
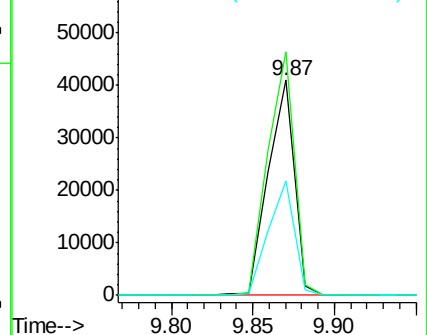
152 53.2 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 5.69 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.19 min

Lab File: BF084106.D

Acq: 25 Dec 2015 4:05

Tgt Ion:165 Resp: 12946

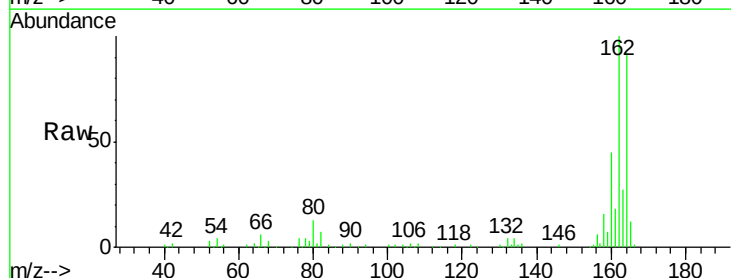
Ion Ratio Lower Upper

165 100

63 0.0 36.7 55.1#

89 0.0 61.9 92.9#

182 0.0 2.0 3.0#

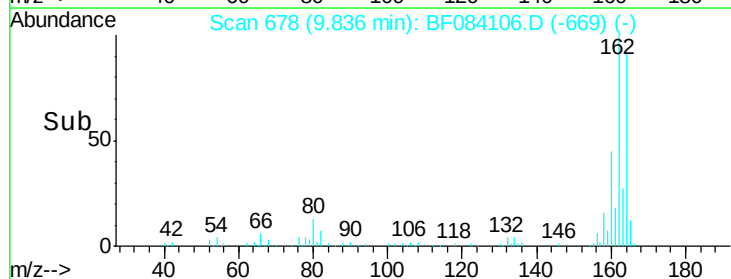
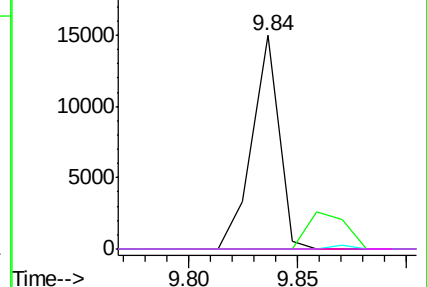


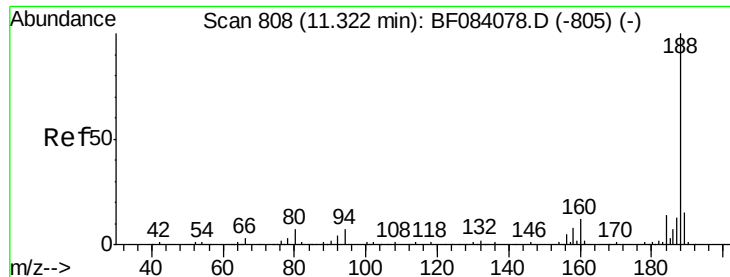
Abundance Ion 165.00 (164.70 to 165.70): E

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

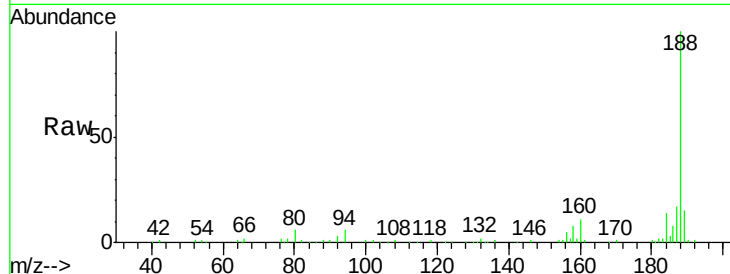




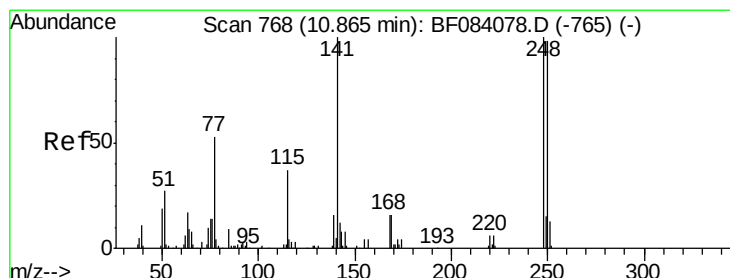
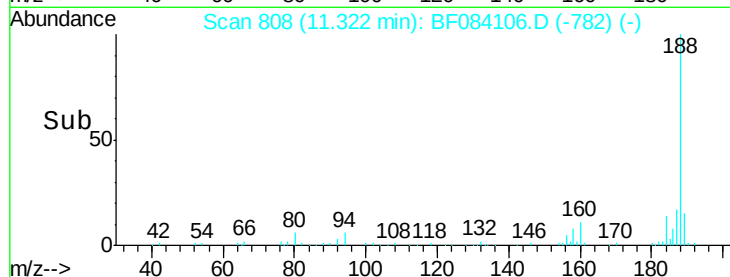
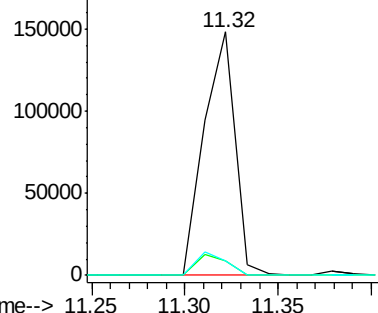
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF084106.D
Acq: 25 Dec 2015 4:05

Instrument :
BNA_F
ClientSampleId :
20151217MGP216BRV90

Tgt Ion:188 Resp: 172364
Ion Ratio Lower Upper
188 100
94 5.9 9.0 13.4#
80 5.9 9.6 14.4#

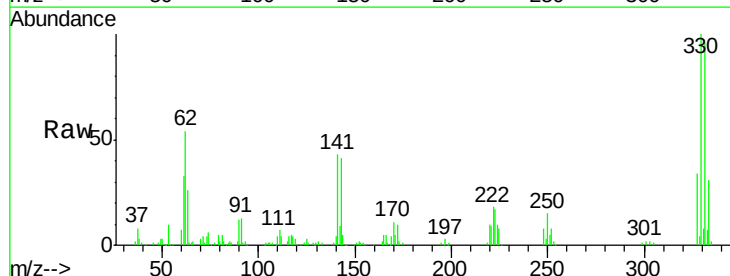


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

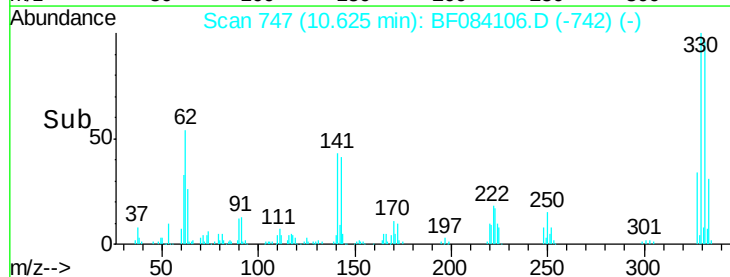
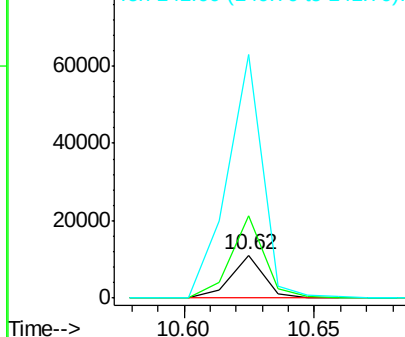


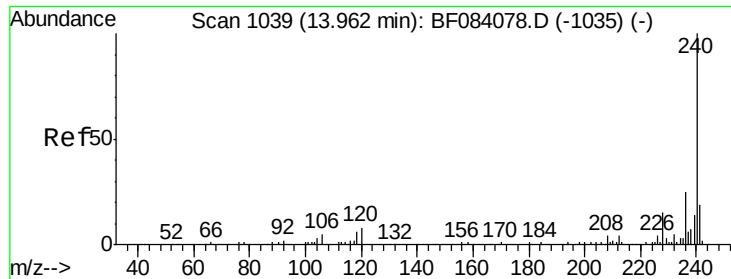
#66
4-Bromophenyl-phenylether
Concen: 4.92 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.24 min
Lab File: BF084106.D
Acq: 25 Dec 2015 4:05

Tgt Ion:248 Resp: 9820
Ion Ratio Lower Upper
248 100
250 192.9 78.4 117.6#
141 567.9 44.0 66.0#



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

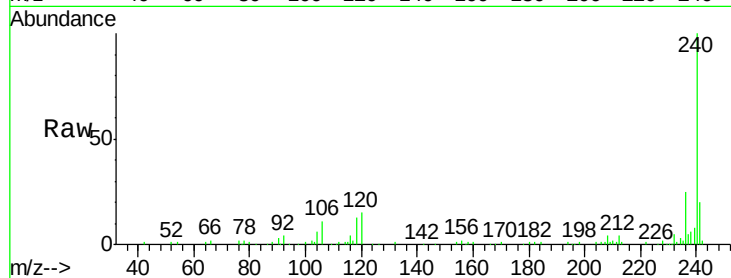




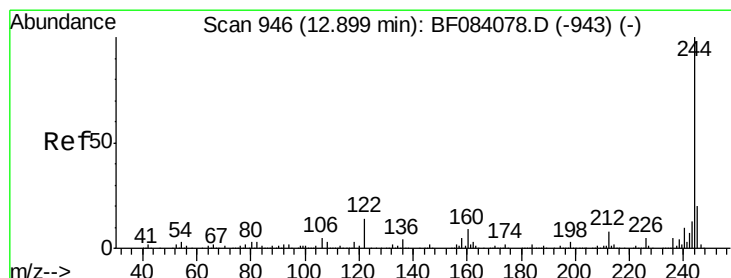
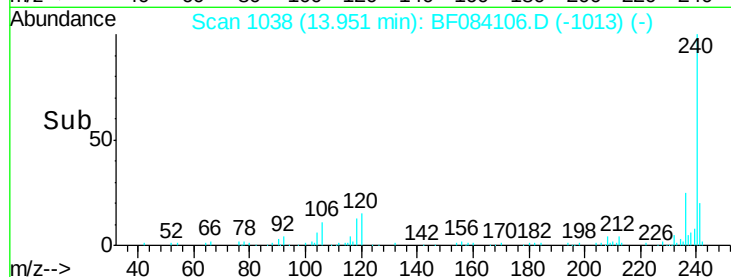
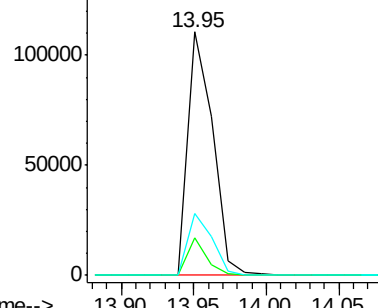
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF084106.D
 Acq: 25 Dec 2015 4:05

Instrument :
 BNA_F
 ClientSampleId :
 20151217MGP216BRV90

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.3	9.5	14.3#
236	25.4	20.6	31.0

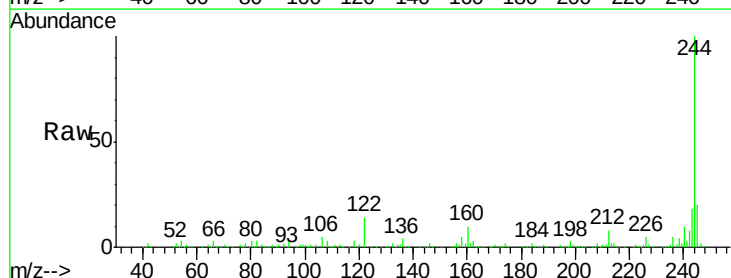


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

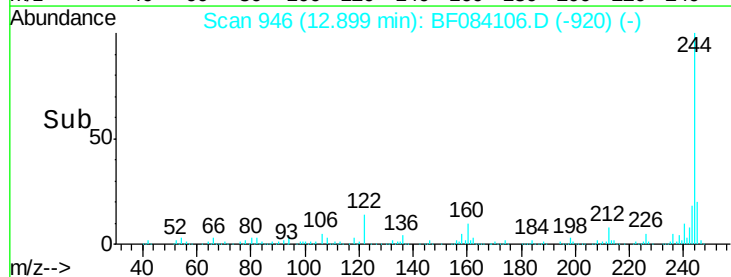
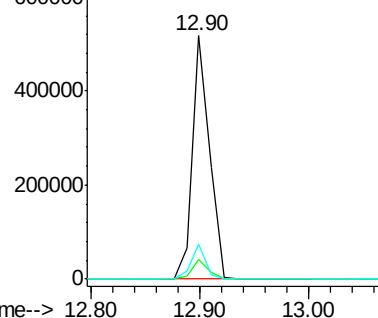


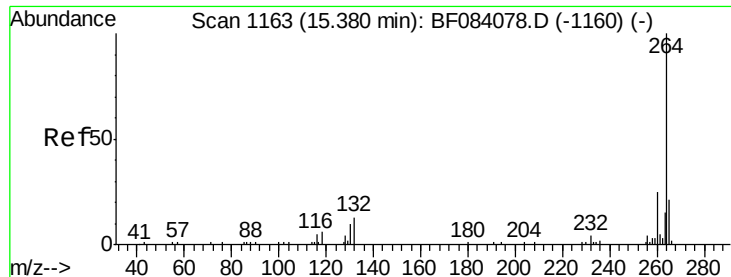
#78
 Terphenyl-d14
 Concen: 77.98 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF084106.D
 Acq: 25 Dec 2015 4:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	14.2	7.4	11.0#



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

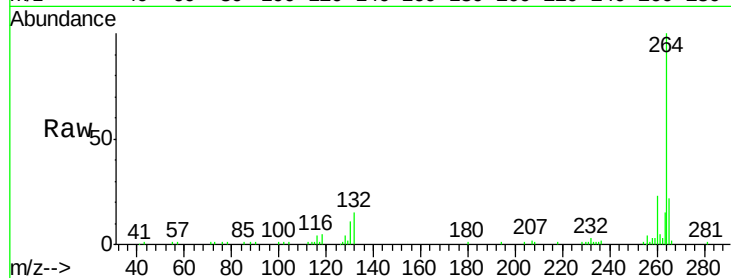




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF084106.D
Acq: 25 Dec 2015 4:05

Instrument :
BNA_F
ClientSampleId :
20151217MGP216BRV90

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.5	17.8	26.6



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

