

Data Path : Z:\HPCHEM1\BNA F\Data\BF111715\
 Data File : BF082993.D
 Acq On : 18 Nov 2015 4:22
 Operator : UM/IZ
 Sample : G4407-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 06:51:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

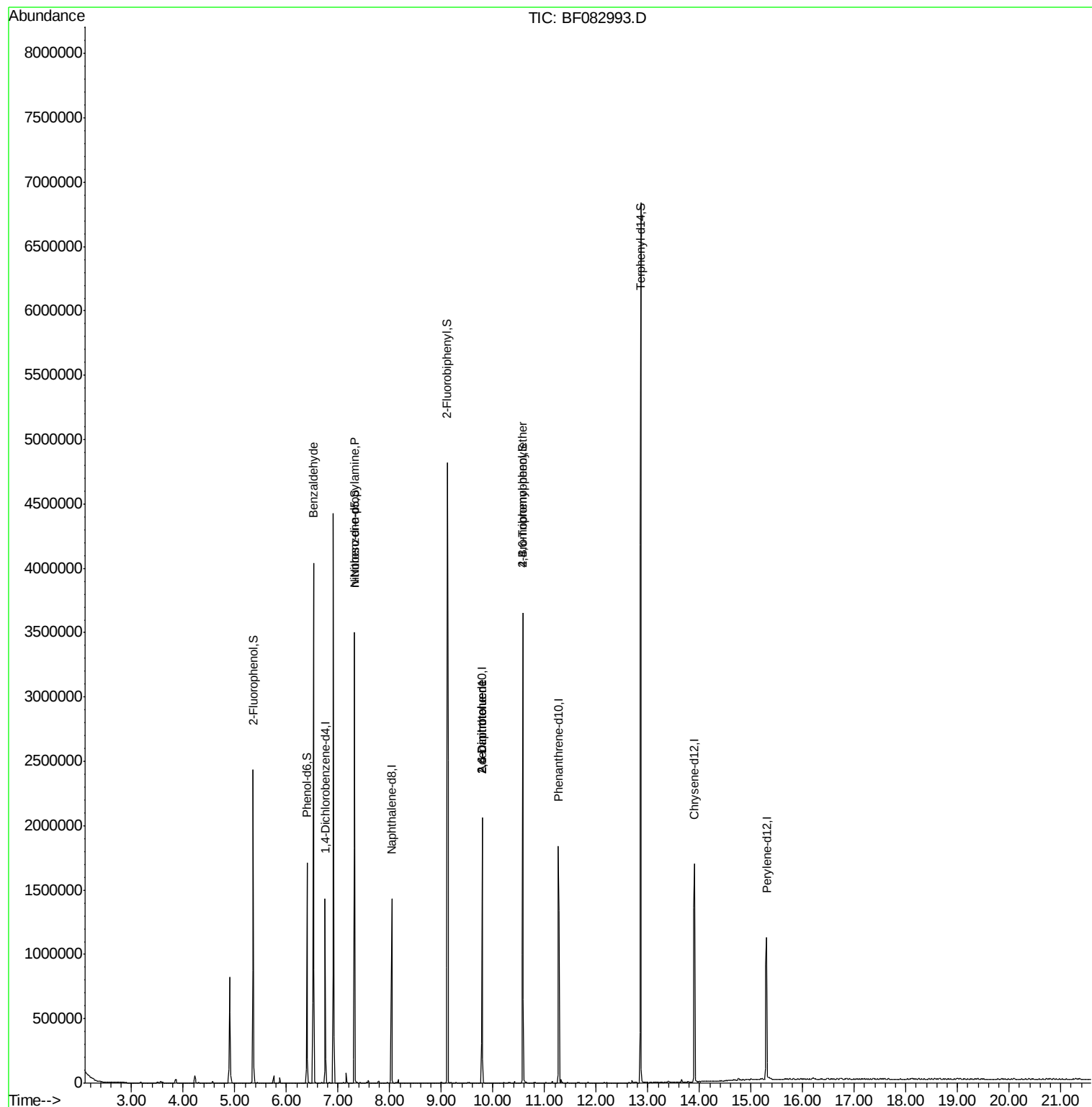
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	190196	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	727903	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	380464	20.00	ng	-0.10
63) Phenanthrene-d10	11.26	188	903084	20.00	ng	-0.11
75) Chrysene-d12	13.91	240	818964	20.00	ng	-0.11
86) Perylene-d12	15.30	264	589563	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	662300	54.18	ng	-0.09
7) Phenol-d6	6.40	99	500545	30.80	ng	-0.09
23) Nitrobenzene-d5	7.32	82	1353228	80.89	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	417140	95.62	ng	-0.10
44) 2-Fluorobiphenyl	9.12	172	1928359	72.64	ng	-0.10
78) Terphenyl-d14	12.87	244	2531622	73.32	ng	-0.10
Target Compounds						
9) Benzaldehyde	6.52	77	26529	2.96	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.32	70	182113	15.24	ng	# 67
50) 2,6-Dinitrotoluene	9.79	165	51652	7.77	ng	# 17
56) 2,4-Dinitrotoluene	9.79	165	51655	5.72	ng	# 15
66) 4-Bromophenyl-phenylether	10.58	248	27939	2.57	ng	# 1

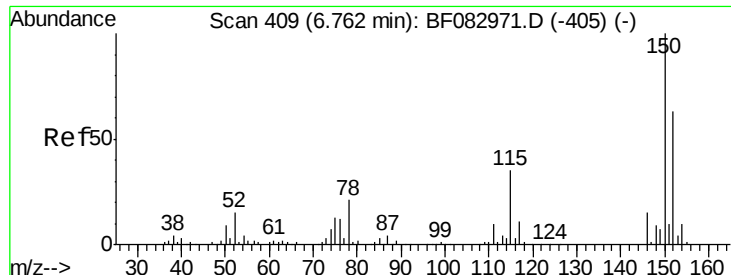
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF111715\
Data File : BF082993.D
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Nov 18 06:51:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 04:41:30 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.10 min

Lab File: BF082993.D

Acq: 18 Nov 2015 4:22

Instrument :

BNA_F

ClientSampleId :

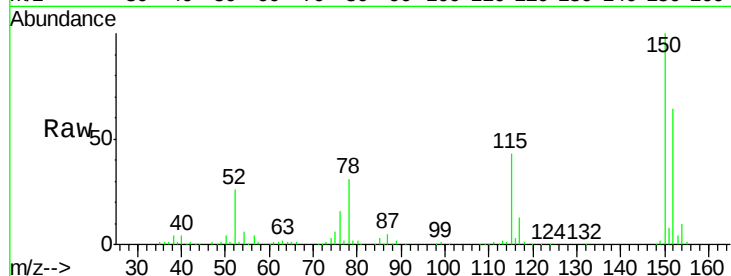
Tot Ion:152 Resp: 190196

Ion Ratio Lower Upper

152 100

150 157.2 127.0 190.4

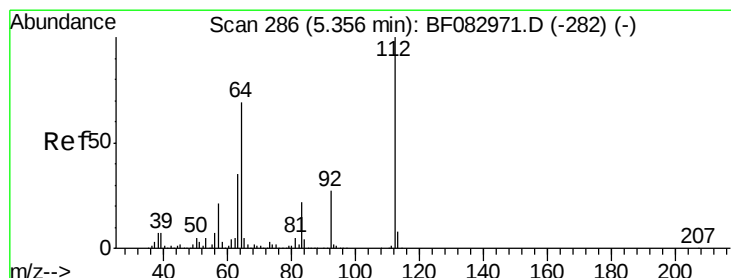
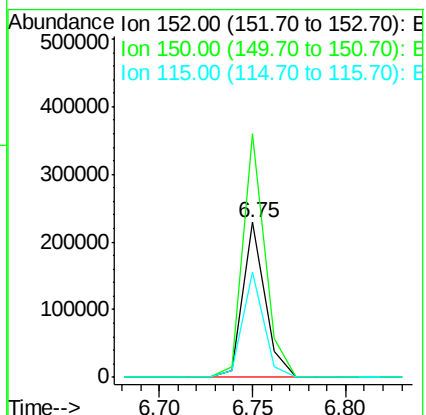
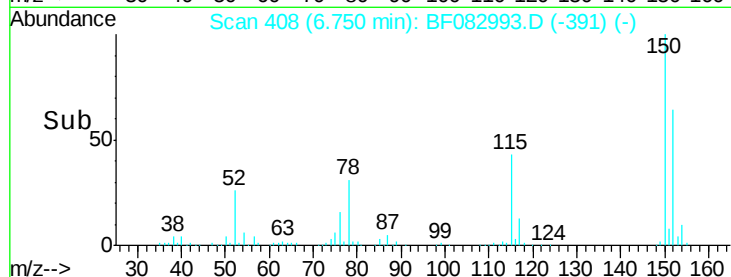
115 68.3 47.0 70.6



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: 54.18 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.09 min

Lab File: BF082993.D

Acq: 18 Nov 2015 4:22

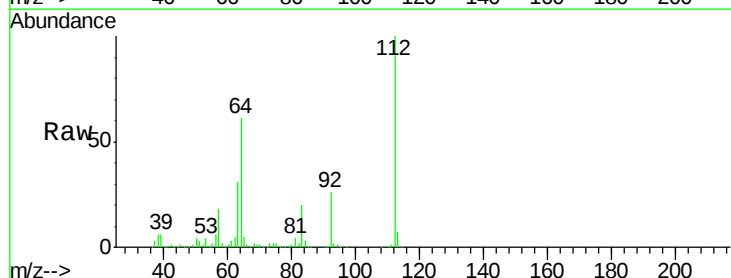
Tgt Ion:112 Resp: 662300

Ion Ratio Lower Upper

112 100

64 61.5 48.9 73.3

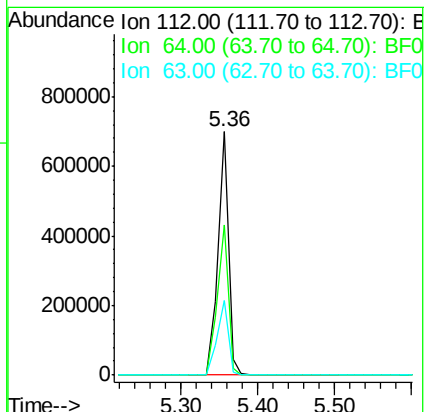
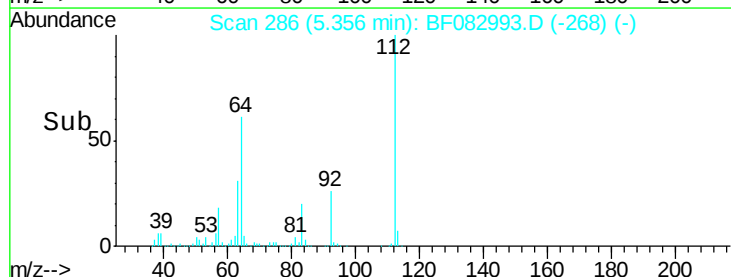
63 30.8 28.1 42.1

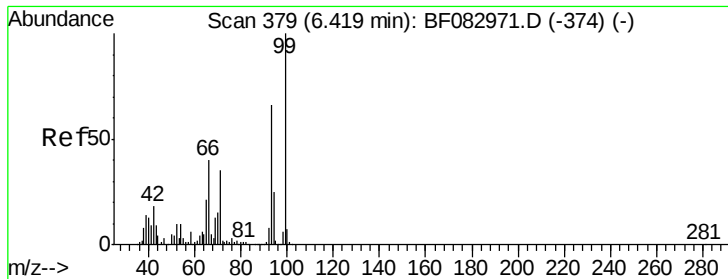


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.80 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.09 min

Lab File: BF082993.D

Acq: 18 Nov 2015 4:22

Instrument :

BNA_F

ClientSampleId :

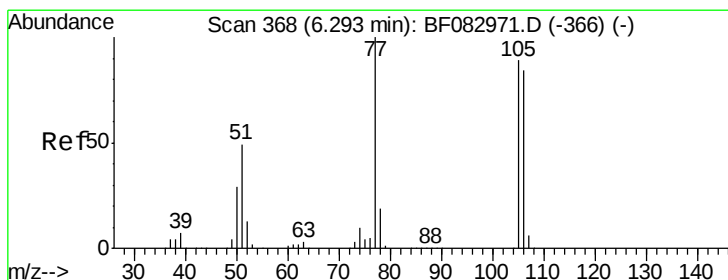
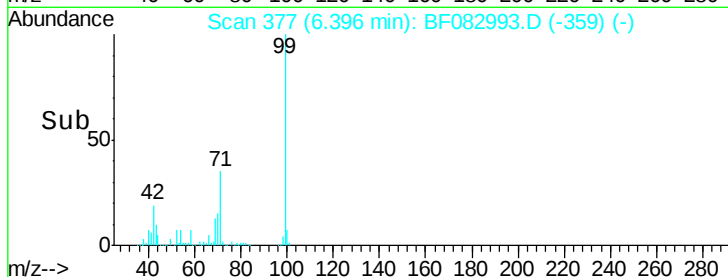
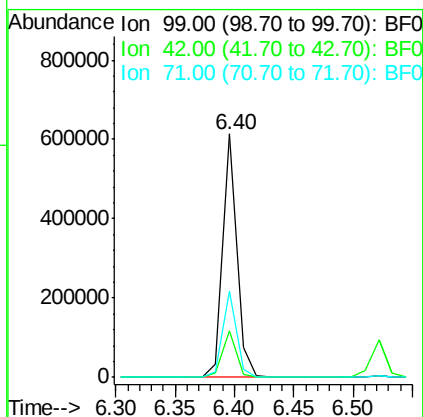
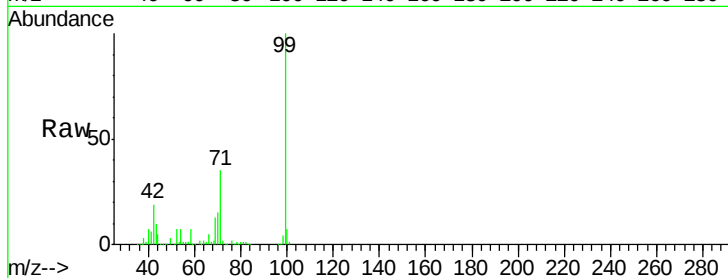
Tot Ion: 99 Resp: 500545

Ion Ratio Lower Upper

99 100

42 19.1 19.2 28.8#

71 35.3 35.0 52.4



#9

Benzaldehyde

Concen: 2.96 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.13 min

Lab File: BF082993.D

Acq: 18 Nov 2015 4:22

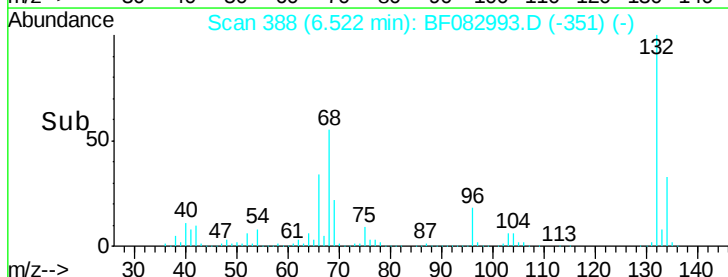
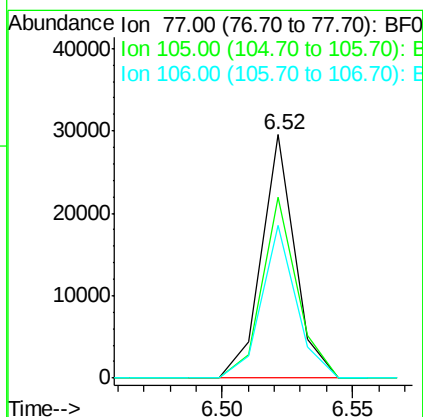
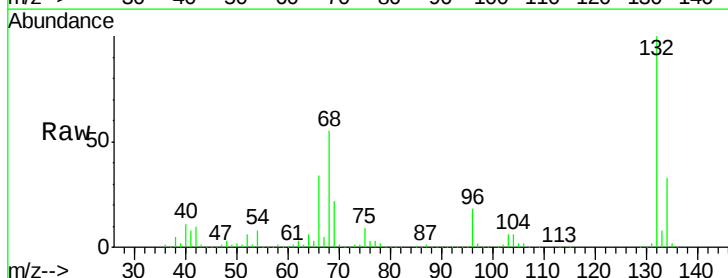
Tgt Ion: 77 Resp: 26529

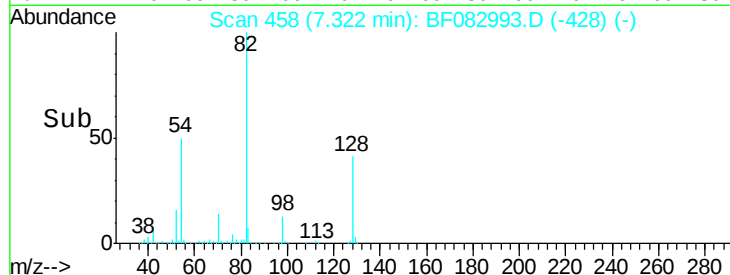
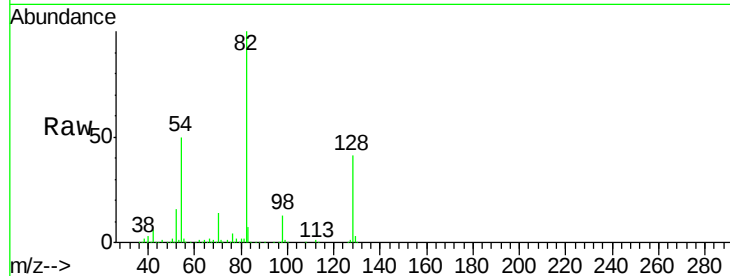
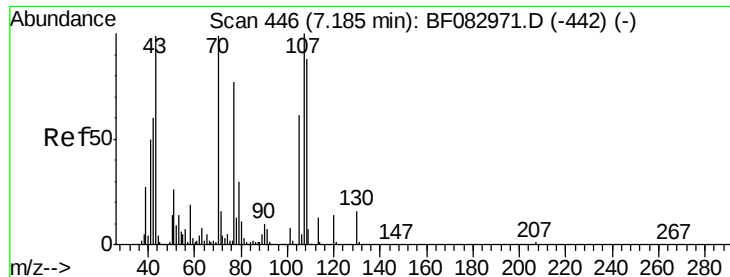
Ion Ratio Lower Upper

77 100

105 74.1 63.5 103.5

106 62.7 59.3 99.3

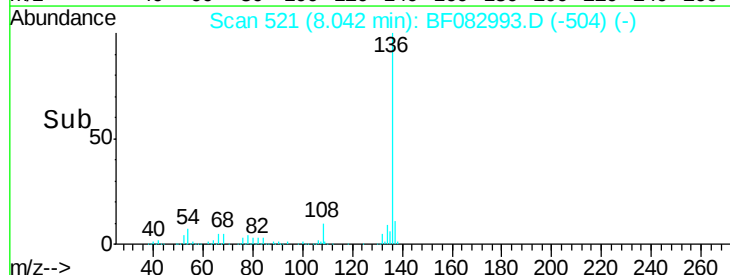
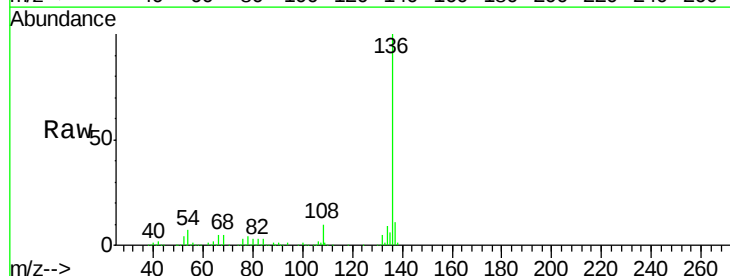
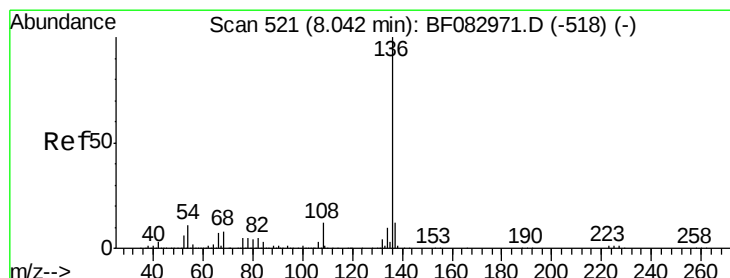
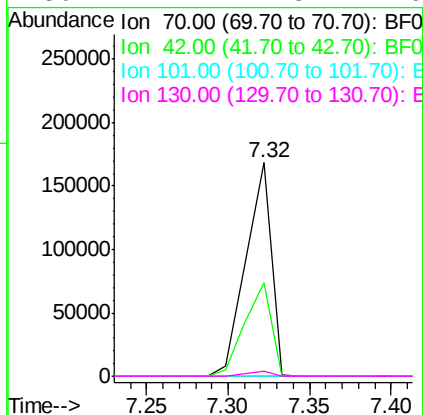




#19
n-Nitroso-di-n-propylamine
Concen: 15.24 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.05 min
Lab File: BF082993.D
Acq: 18 Nov 2015 4:22

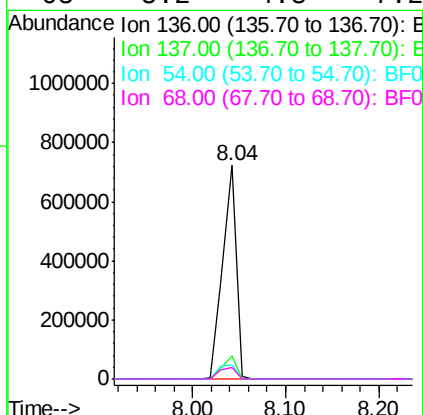
Instrument :
BNA_F
ClientSampleId :

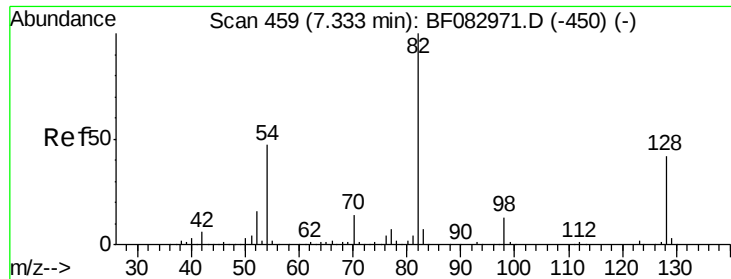
Tot Ion	Ratio	Lower	Upper
70	100		
42	43.6	57.7	86.5#
101	0.0	7.0	10.6#
130	2.2	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.10 min
Lab File: BF082993.D
Acq: 18 Nov 2015 4:22

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.9	9.1	13.7#
68	5.2	4.8	7.2

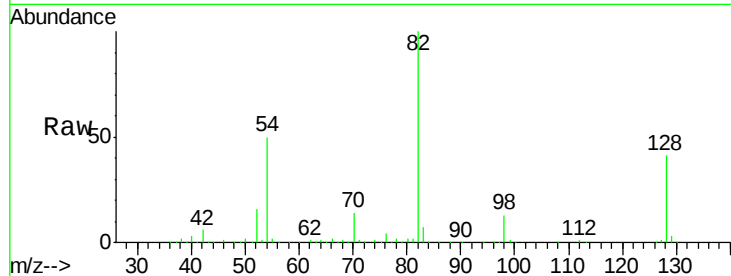




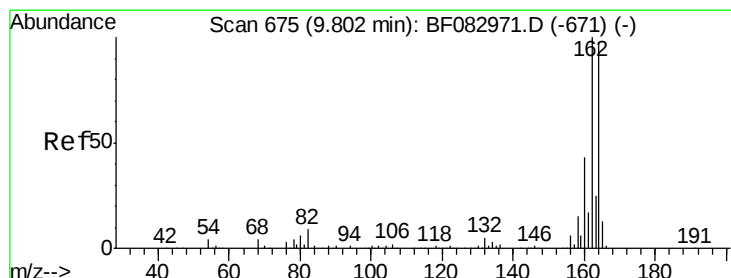
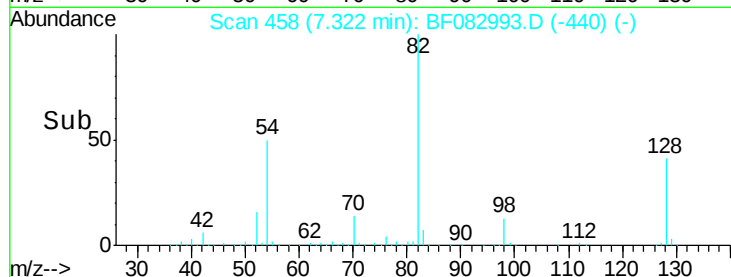
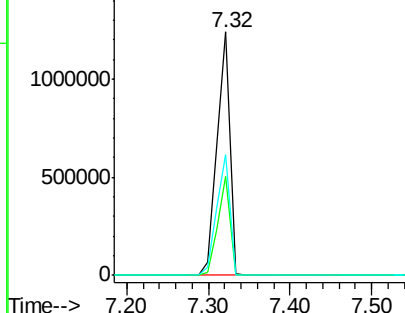
#23
Nitrobenzene-d5
Concen: 80.89 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.09 min
Lab File: BF082993.D
Acq: 18 Nov 2015 4:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1353228
Ion Ratio Lower Upper
82 100
128 40.8 26.8 40.2#
54 49.7 45.7 68.5

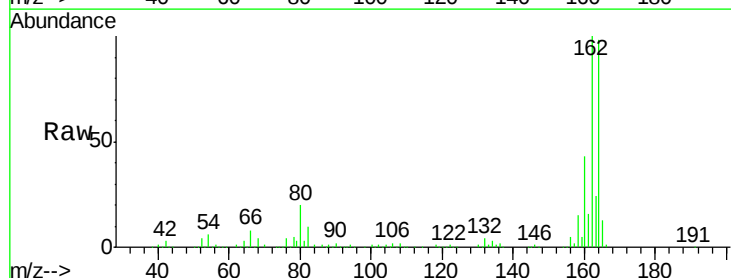


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

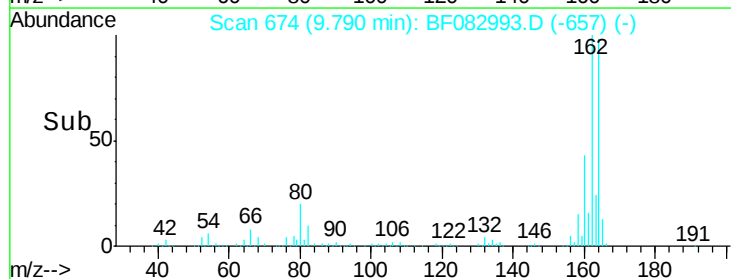
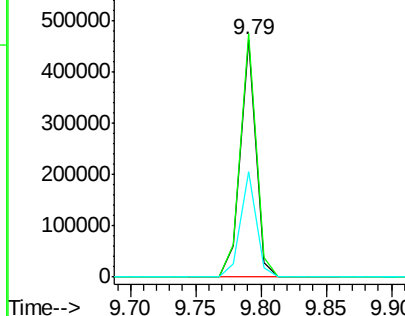


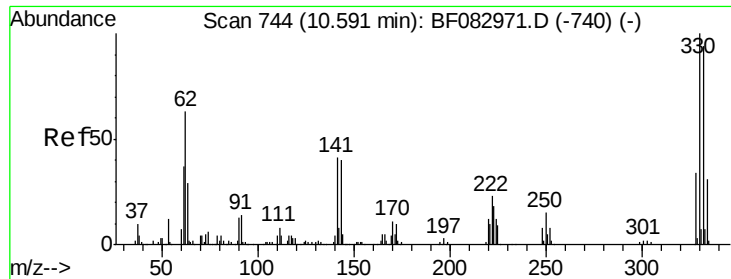
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.10 min
Lab File: BF082993.D
Acq: 18 Nov 2015 4:22

Tgt Ion:164 Resp: 380464
Ion Ratio Lower Upper
164 100
162 102.6 84.9 127.3
160 44.1 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

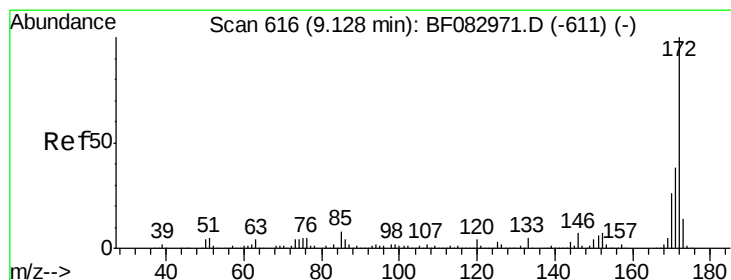
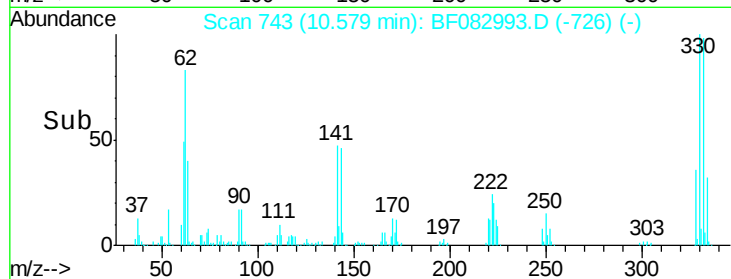
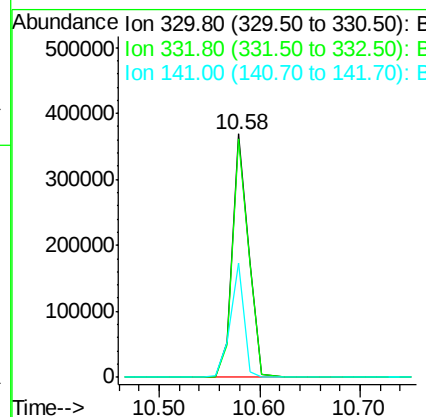
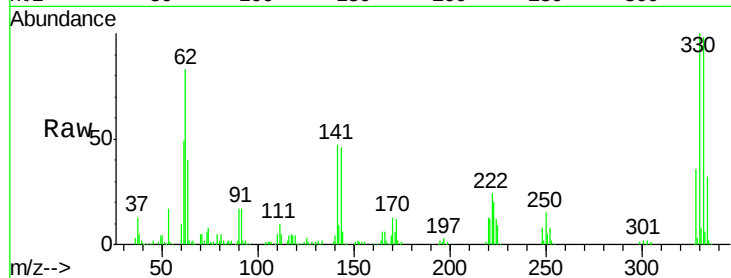




#41
 2,4,6-Tribromophenol
 Concen: 95.62 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.10 min
 Lab File: BF082993.D
 Acq: 18 Nov 2015 4:22

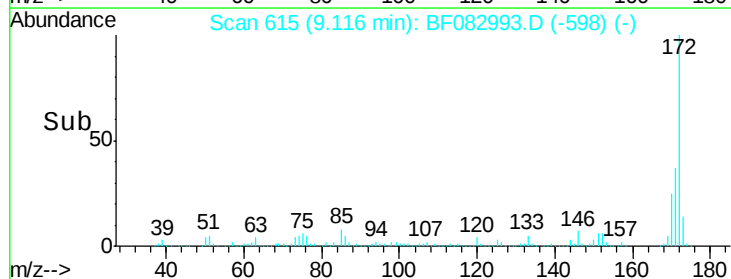
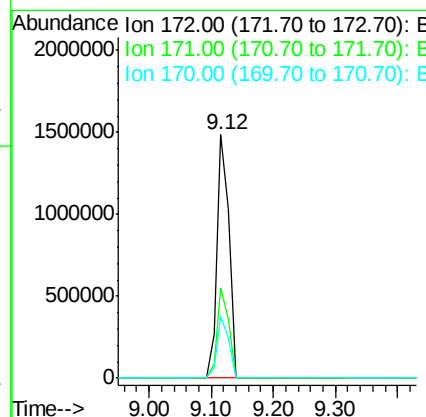
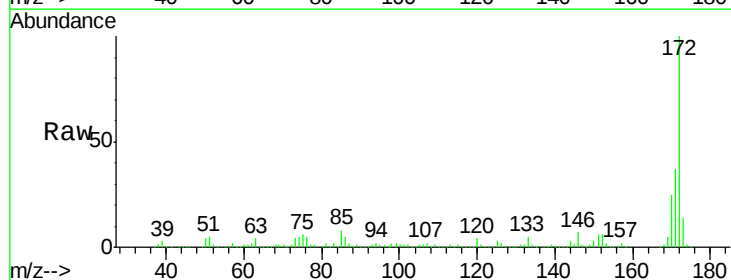
Instrument :
 BNA_F
 ClientSampleId :

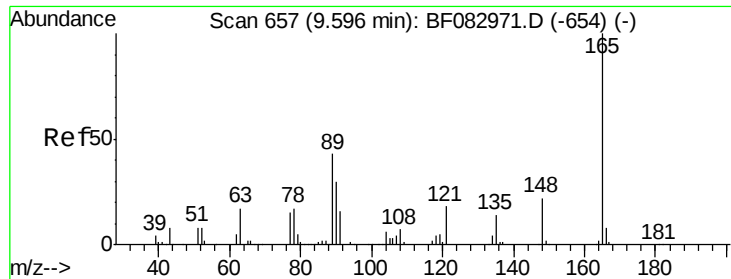
Tot Ion:330 Resp: 417140
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 39.4 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 72.64 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.10 min
 Lab File: BF082993.D
 Acq: 18 Nov 2015 4:22

Tgt Ion:172 Resp: 1928359
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.8 46.2
 170 25.2 21.2 31.8

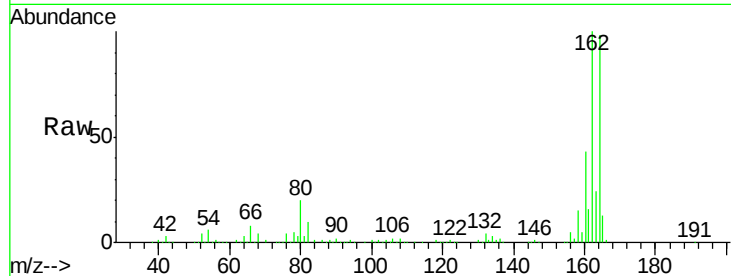




#50
2,6-Dinitrotoluene
Concen: 7.77 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.11 min
Lab File: BF082993.D
Acq: 18 Nov 2015 4:22

Instrument :
BNA_F
ClientSampleId :

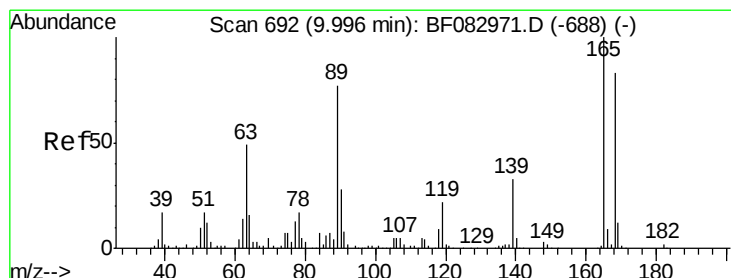
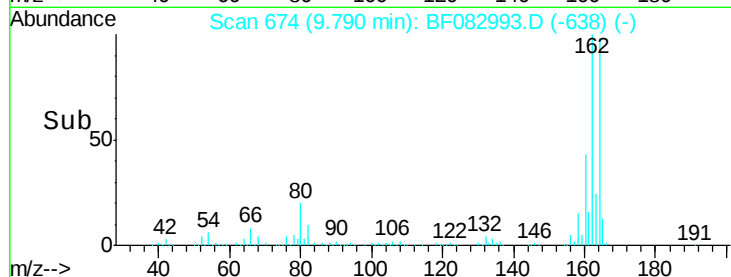
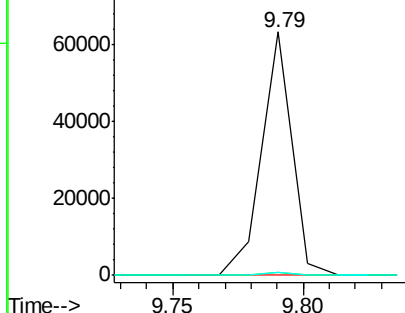
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	55.5	83.3#
89	1.5	55.0	82.6#



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: 5.72 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.29 min
Lab File: BF082993.D
Acq: 18 Nov 2015 4:22

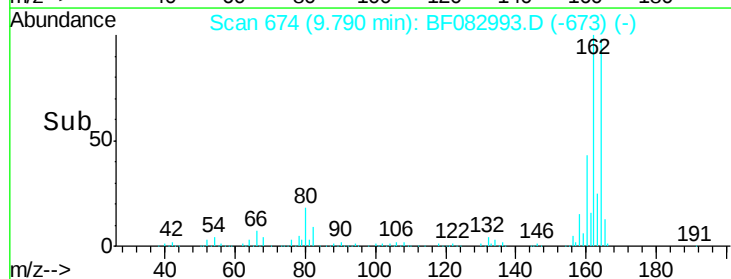
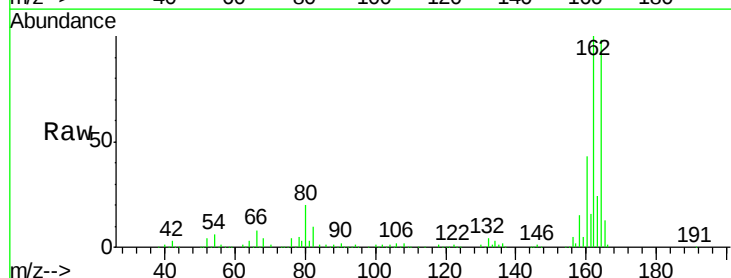
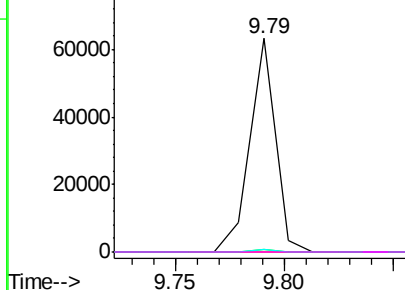
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.4	65.0#
89	1.5	70.6	106.0#
182	0.0	1.5	2.3#

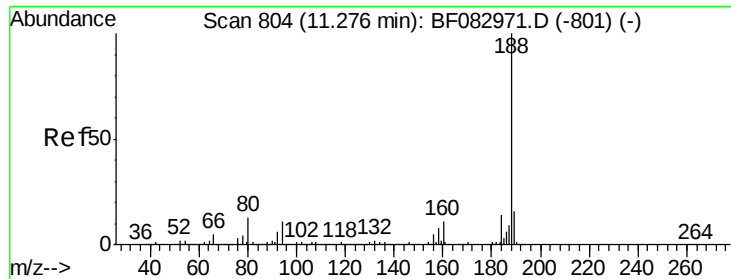
Abundance Ion 165.00 (164.70 to 165.70): E

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

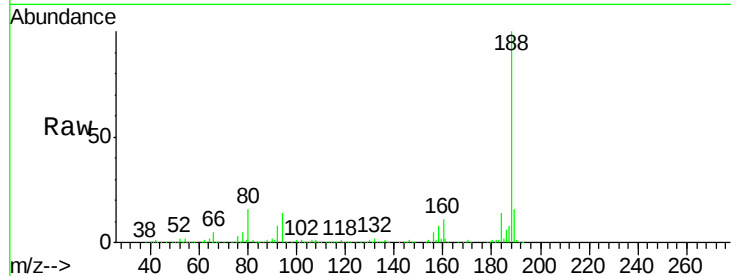




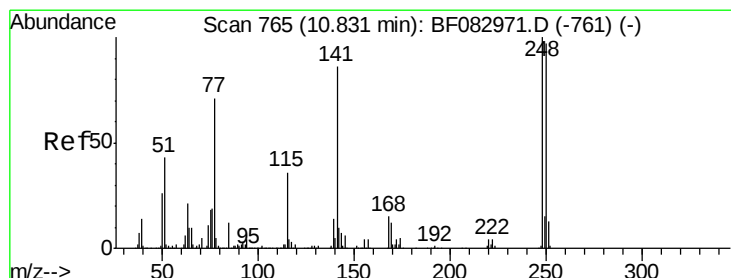
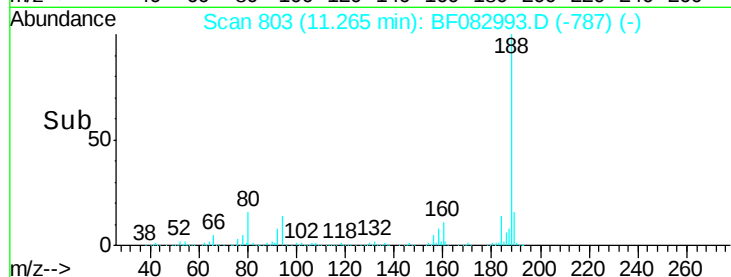
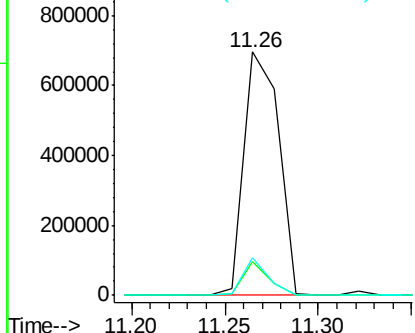
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.11 min
Lab File: BF082993.D
Acq: 18 Nov 2015 4:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 903084
Ion Ratio Lower Upper
188 100
94 13.8 6.1 9.1#
80 15.6 7.0 10.6#

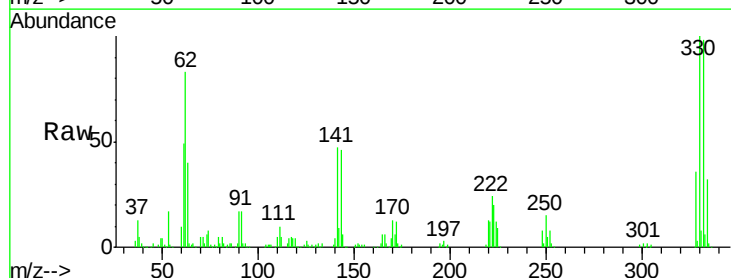


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

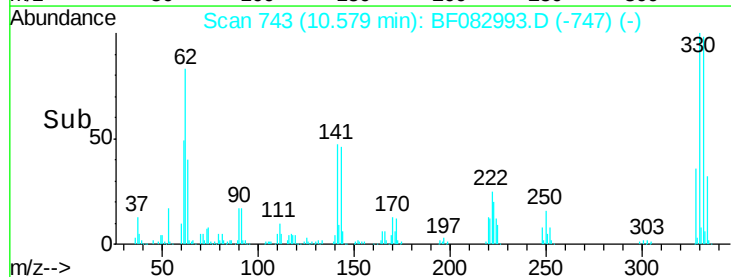
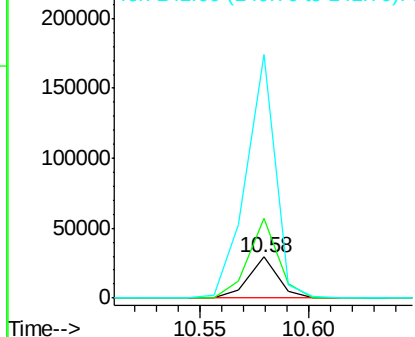


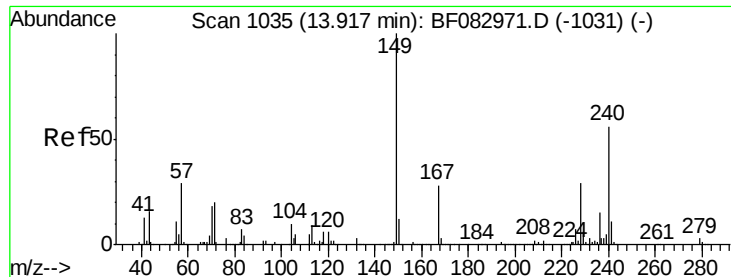
#66
4-Bromophenyl-phenylether
Concen: 2.57 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.34 min
Lab File: BF082993.D
Acq: 18 Nov 2015 4:22

Tgt Ion:248 Resp: 27939
Ion Ratio Lower Upper
248 100
250 192.8 79.4 119.2#
141 589.4 36.3 54.5#



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: 13.91 min Scan# 1034

Delta R.T. -0.11 min

Lab File: BF082993.D

Acq: 18 Nov 2015 4:22

Instrument :

BNA_F

ClientSampled :

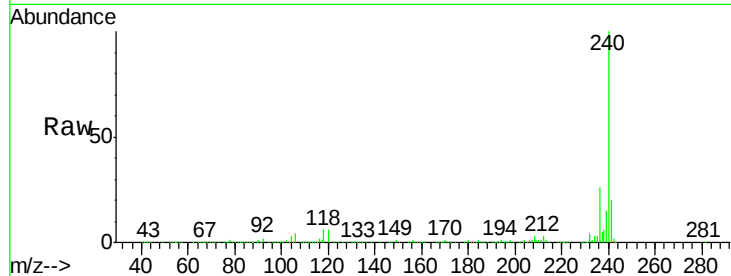
Tot Ion:240 Resp: 818964

Ion Ratio Lower Upper

240 100

120 6.5 10.9 16.3#

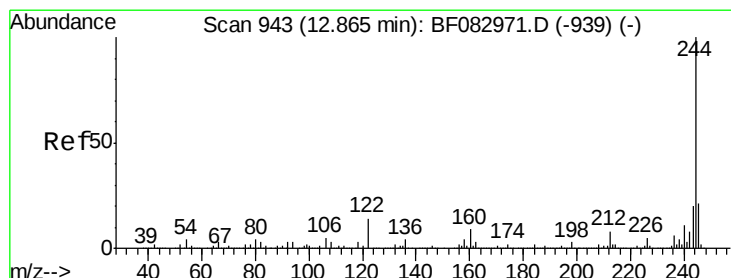
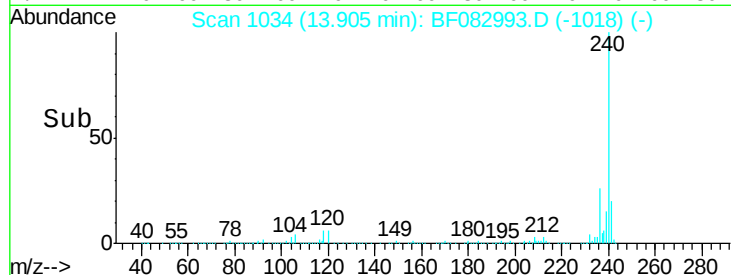
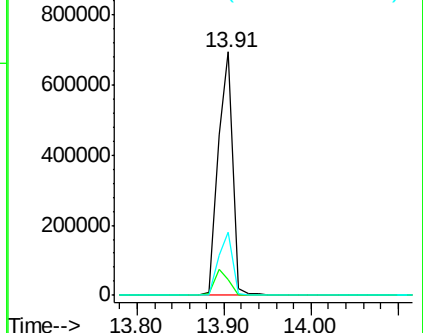
236 26.1 21.6 32.4



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: 73.32 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.10 min

Lab File: BF082993.D

Acq: 18 Nov 2015 4:22

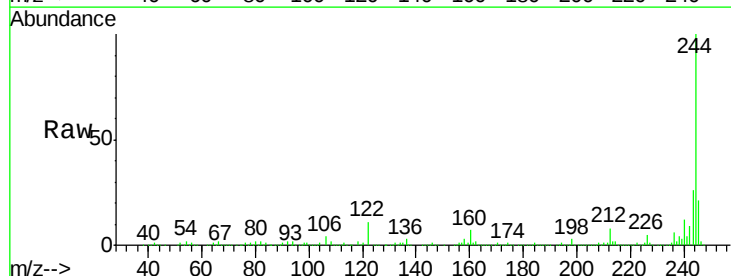
Tgt Ion:244 Resp: 2531622

Ion Ratio Lower Upper

244 100

212 8.2 7.6 11.4

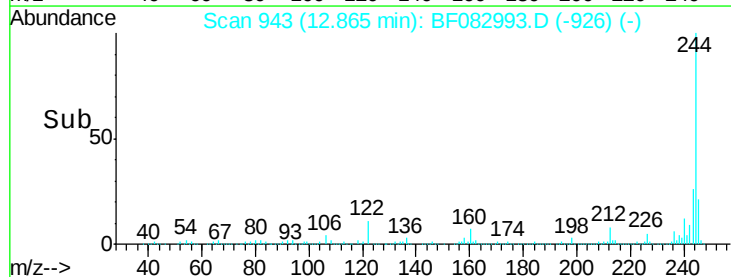
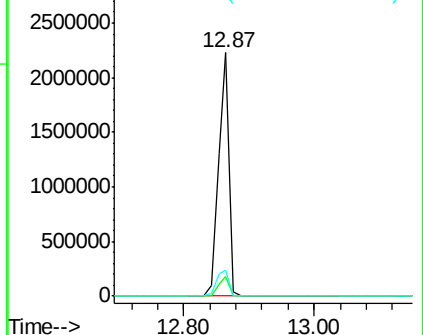
122 10.8 11.3 16.9#

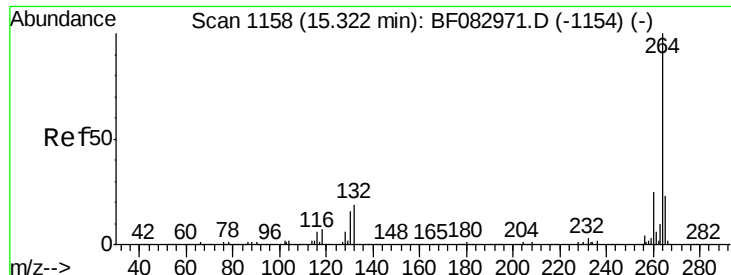


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

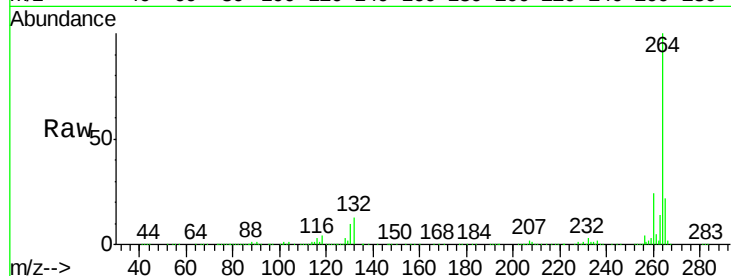




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.16 min
Lab File: BF082993.D
Acq: 18 Nov 2015 4:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	21.7	17.4	26.0



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

