

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082818.D
 Acq On : 8 Nov 2015 3:04
 Operator : UM/IZ
 Sample : G4281-01
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BSS-001

Quant Time: Nov 09 00:07:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

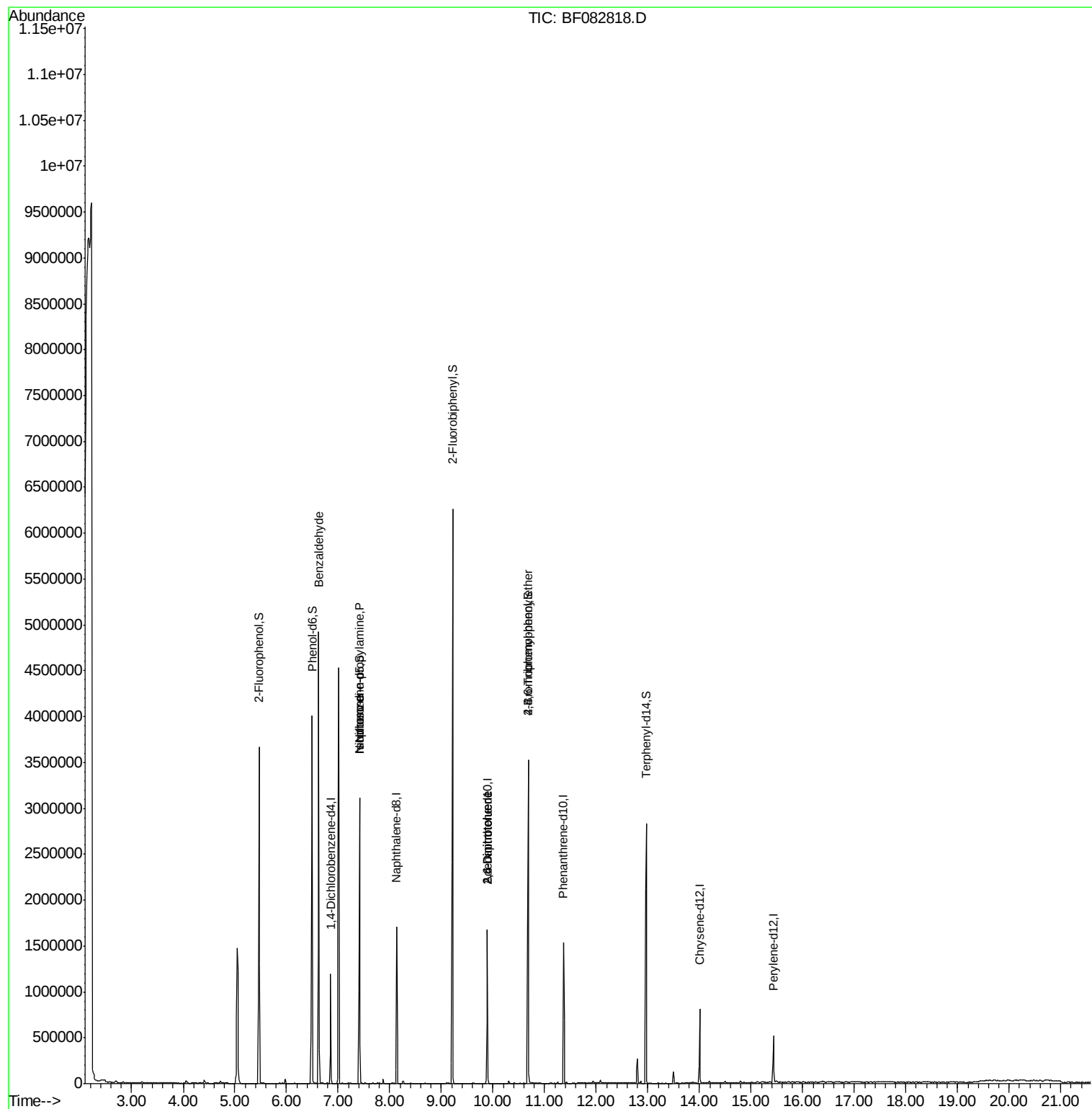
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	164749	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	742683	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	361295	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	627085	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	276610	20.00	ng	-0.01
86) Perylene-d12	15.44	264	240310	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1102731	104.14	ng	0.02
7) Phenol-d6	6.50	99	1796490	127.62	ng	0.02
23) Nitrobenzene-d5	7.41	82	1103635	64.66	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	460774	111.23	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1951239	77.40	ng	0.00
78) Terphenyl-d14	12.97	244	1197845	102.71	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	34697	4.46	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.41	70	153663	14.85	ng	# 70
25) Isophorone	7.41	82	1090794	34.54	ng	# 69
50) 2,6-Dinitrotoluene	9.89	165	47800	7.57	ng	# 17
56) 2,4-Dinitrotoluene	9.89	165	47792	5.58	ng	# 15
66) 4-Bromophenyl-phenylether	10.68	248	32496	4.30	ng	# 1

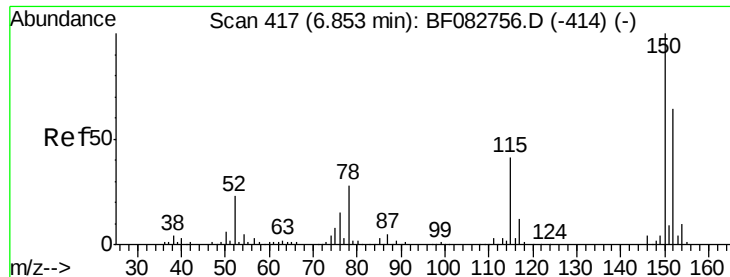
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF082818.D

Acq: 8 Nov 2015 3:04

Instrument :

BNA_F

ClientSampled :

BSS-001

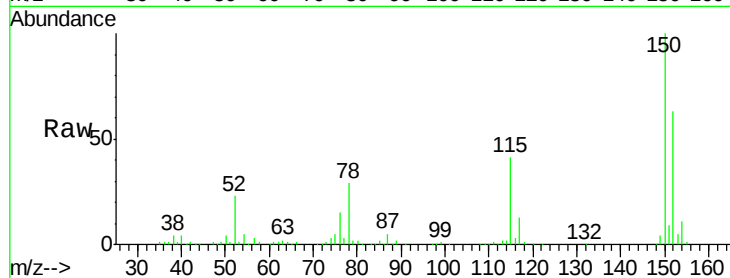
Tgt Ion:152 Resp: 164749

Ion Ratio Lower Upper

152 100

150 158.2 127.0 190.4

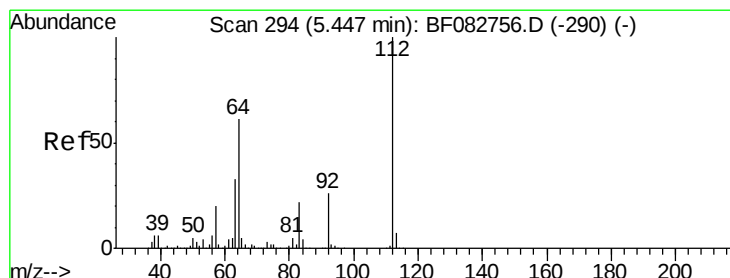
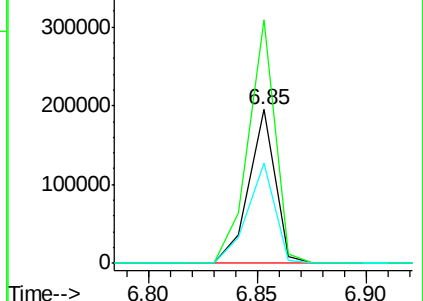
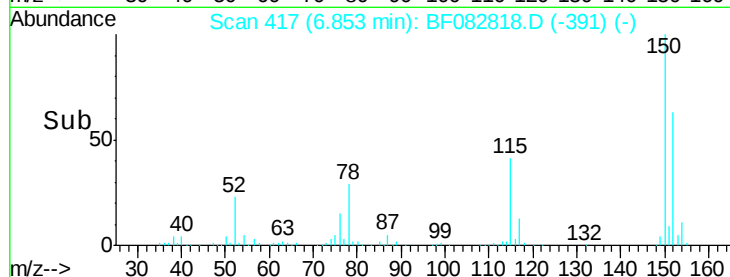
115 65.1 47.0 70.6



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: 104.14 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF082818.D

Acq: 8 Nov 2015 3:04

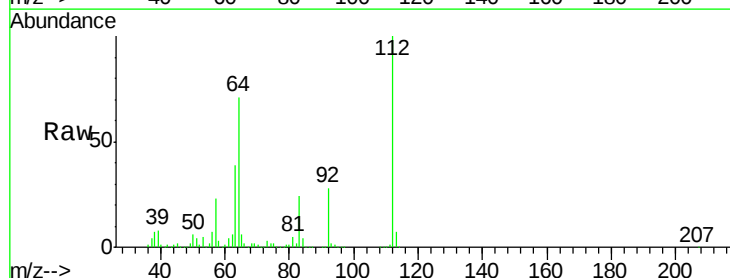
Tgt Ion:112 Resp: 1102731

Ion Ratio Lower Upper

112 100

64 70.8 48.9 73.3

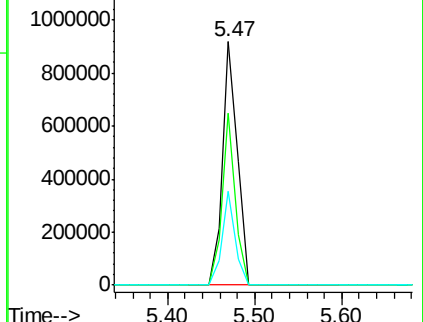
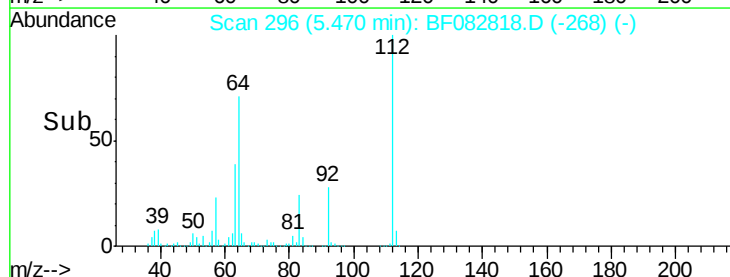
63 38.5 28.1 42.1

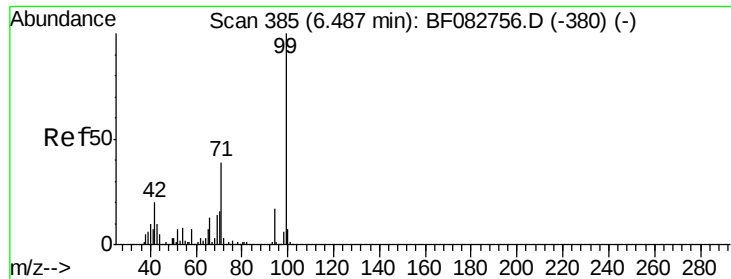


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.62 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.02 min

Lab File: BF082818.D

Acq: 8 Nov 2015 3:04

Instrument :

BNA_F

ClientSampleId :

BSS-001

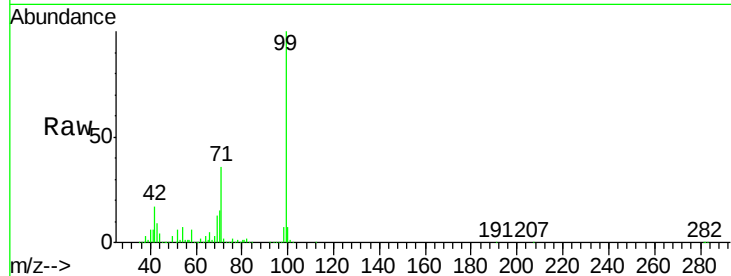
Tgt Ion: 99 Resp: 1796490

Ion Ratio Lower Upper

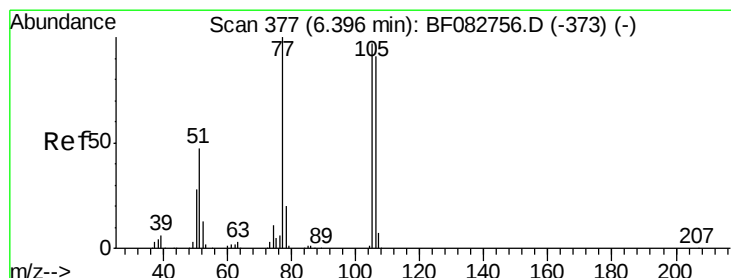
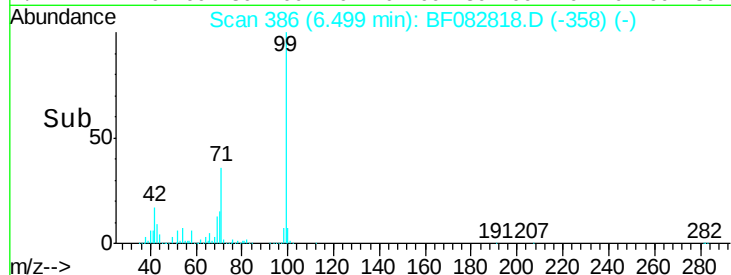
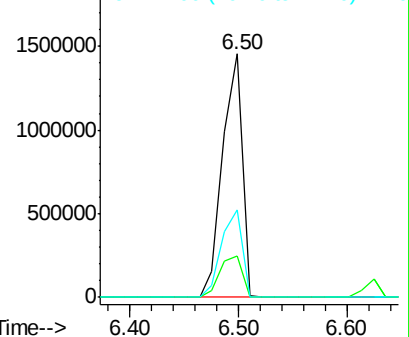
99 100

42 17.0 19.2 28.8#

71 35.8 35.0 52.4



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: 4.46 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.23 min

Lab File: BF082818.D

Acq: 8 Nov 2015 3:04

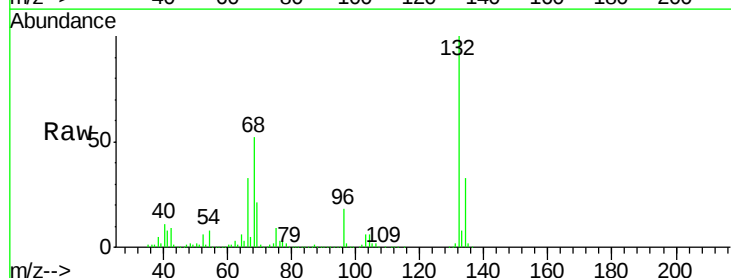
Tgt Ion: 77 Resp: 34697

Ion Ratio Lower Upper

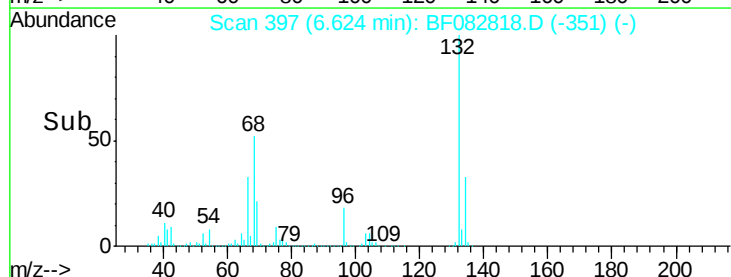
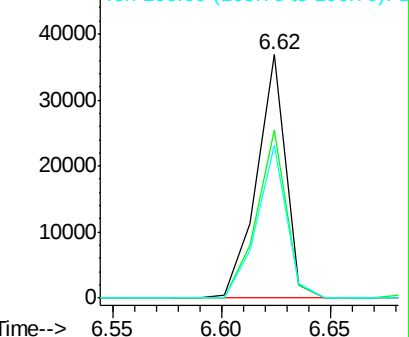
77 100

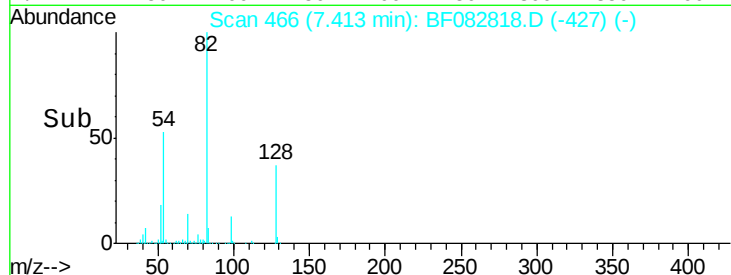
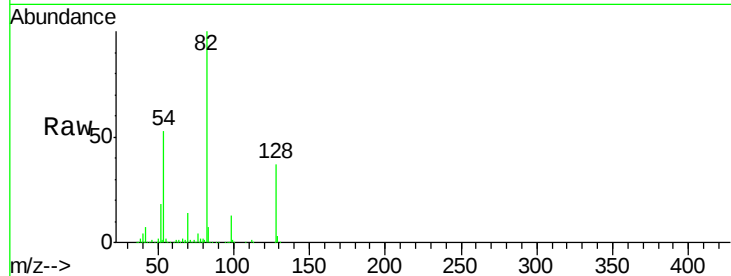
105 69.3 63.5 103.5

106 62.9 59.3 99.3



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

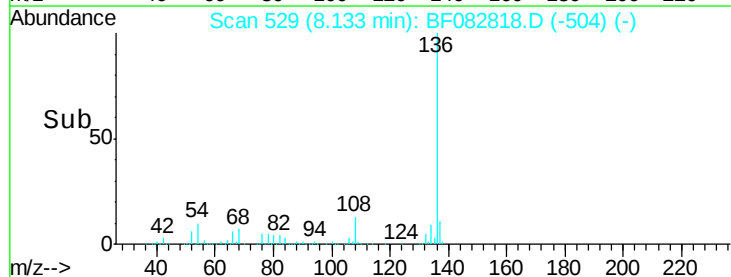
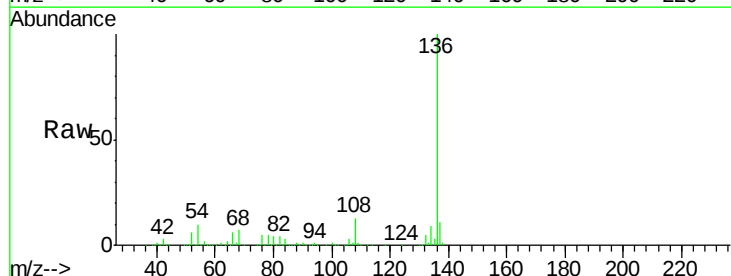
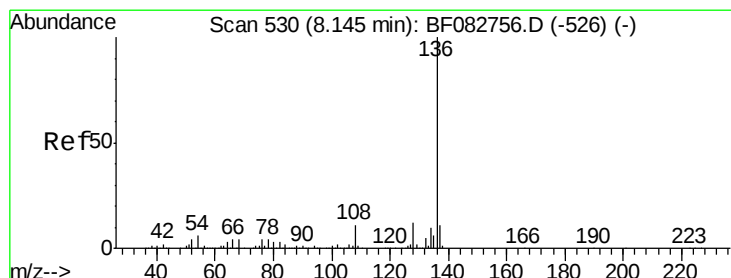
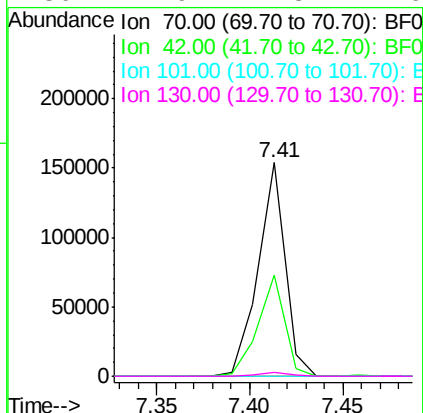




#19
n-Nitroso-di-n-propylamine
Concen: 14.85 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF082818.D
Acq: 8 Nov 2015 3:04

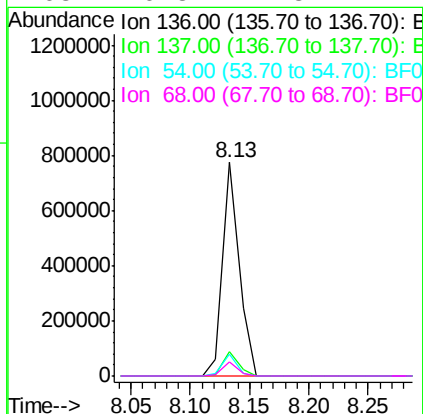
Instrument :
BNA_F
ClientSampleId :
BSS-001

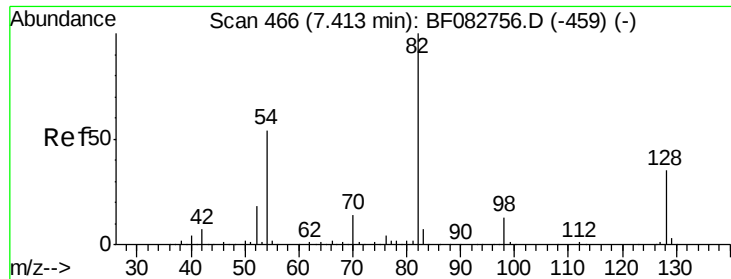
Tgt Ion:	70	Resp:	153663
Ion	Ratio	Lower	Upper
70	100		
42	47.1	57.7	86.5#
101	0.0	7.0	10.6#
130	1.9	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082818.D
Acq: 8 Nov 2015 3:04

Tgt Ion:	136	Resp:	742683
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.2	9.1	13.7
68	6.8	4.8	7.2

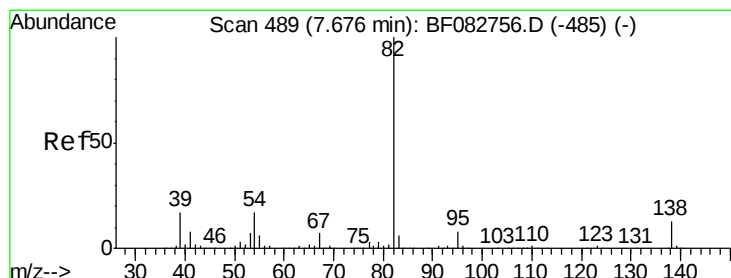
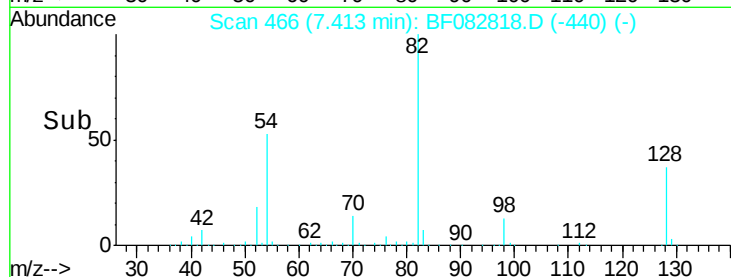
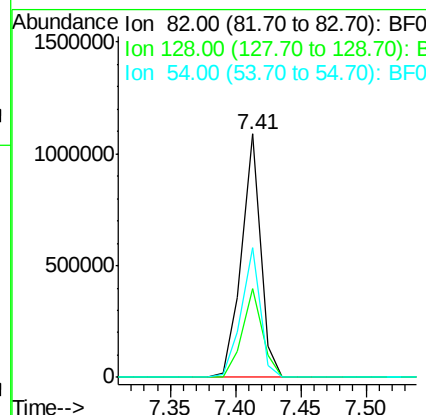
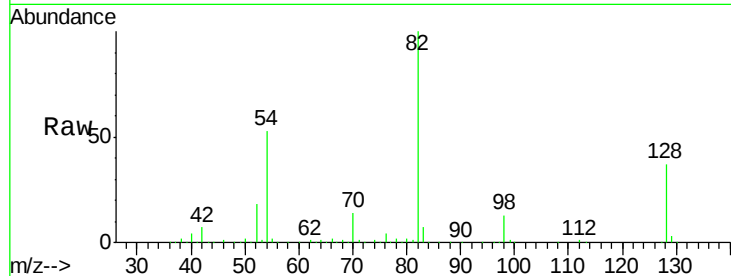




#23
 Nitrobenzene-d5
 Concen: 64.66 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082818.D
 Acq: 8 Nov 2015 3:04

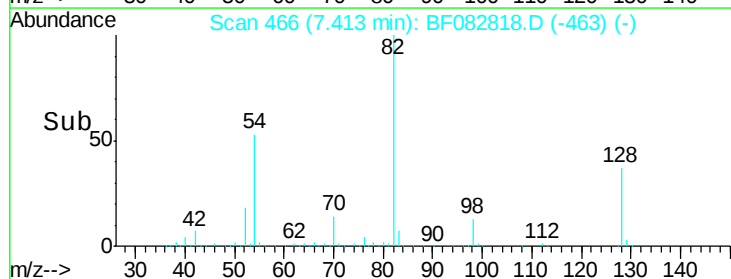
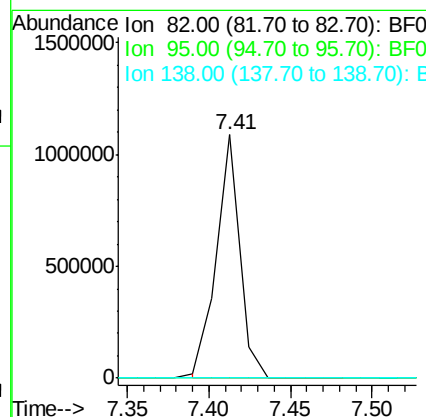
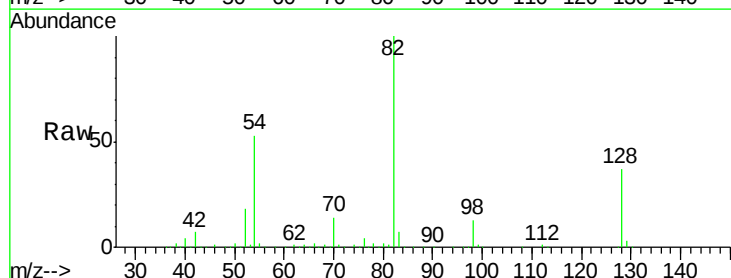
Instrument :
 BNA_F
 ClientSampleId :
 BSS-001

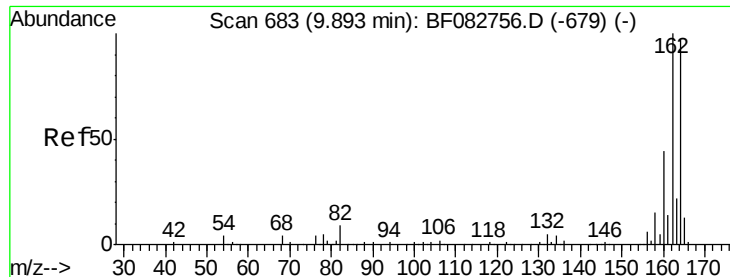
Tgt Ion: 82 Resp: 1103635
 Ion Ratio Lower Upper
 82 100
 128 36.7 26.8 40.2
 54 53.3 45.7 68.5



#25
 Isophorone
 Concen: 34.54 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.26 min
 Lab File: BF082818.D
 Acq: 8 Nov 2015 3:04

Tgt Ion: 82 Resp: 1090794
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#

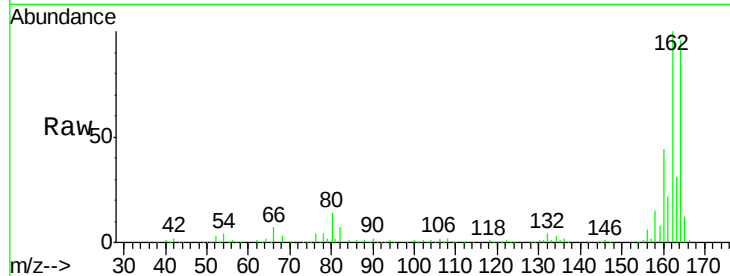




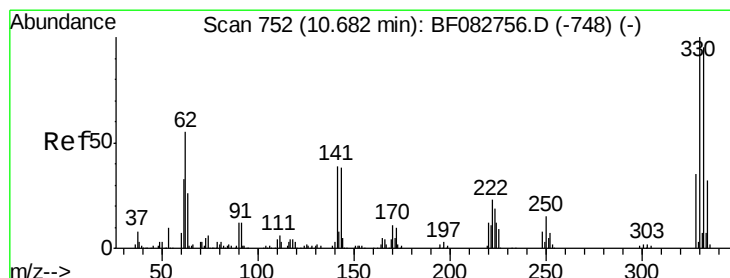
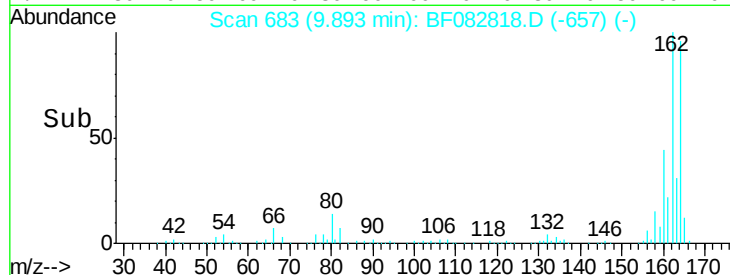
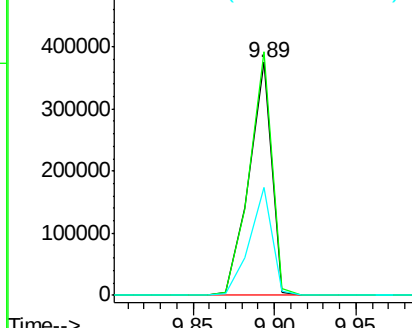
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF082818.D
 Acq: 8 Nov 2015 3:04

Instrument :
 BNA_F
 ClientSampleId :
 BSS-001

Tgt Ion:164 Resp: 361295
 Ion Ratio Lower Upper
 164 100
 162 104.5 84.9 127.3
 160 46.3 37.5 56.3

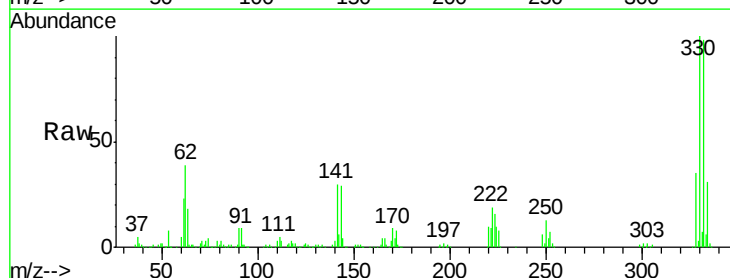


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

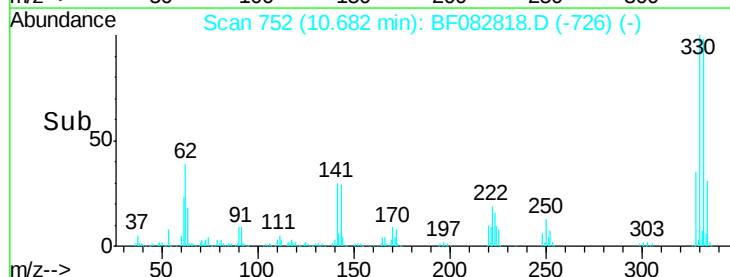
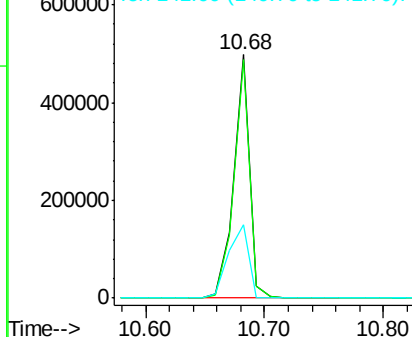


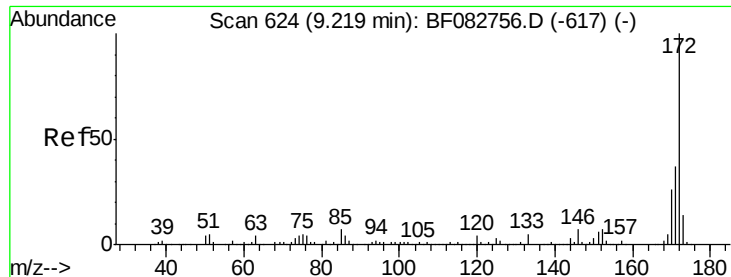
#41
 2,4,6-Tribromophenol
 Concen: 111.23 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082818.D
 Acq: 8 Nov 2015 3:04

Tgt Ion:330 Resp: 460774
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 114.8
 141 38.5 41.2 61.8#



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

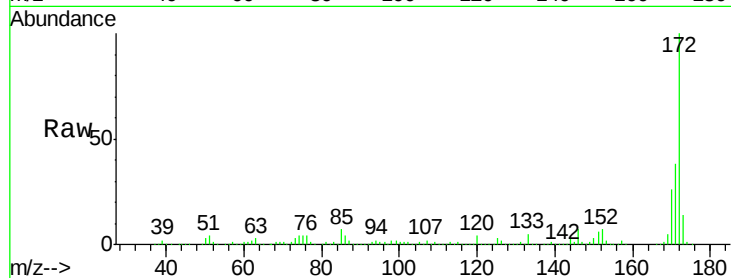




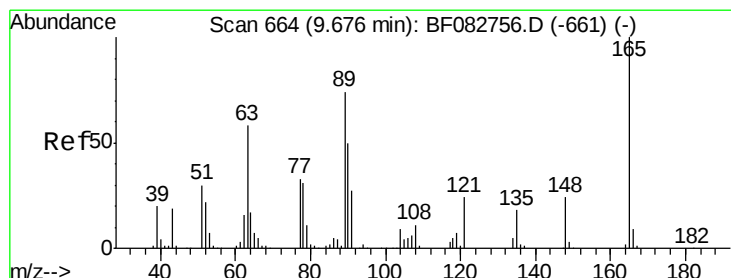
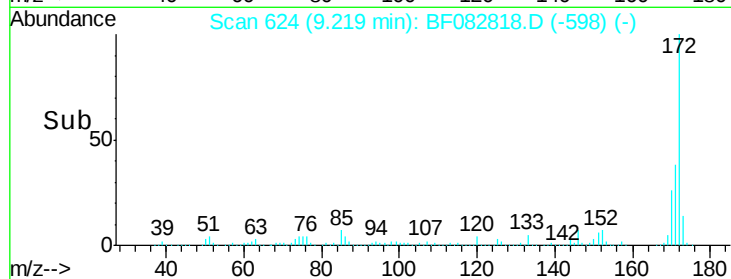
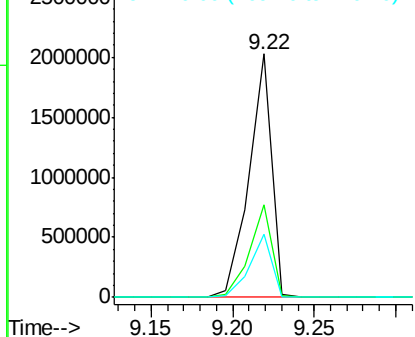
#44
 2-Fluorobiphenyl
 Concen: 77.40 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082818.D
 Acq: 8 Nov 2015 3:04

Instrument :
 BNA_F
 ClientSampleId :
 BSS-001

Tgt Ion:172 Resp: 1951239
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.8 46.2
 170 26.0 21.2 31.8

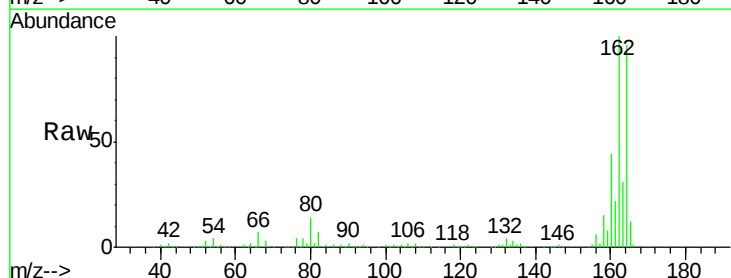


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

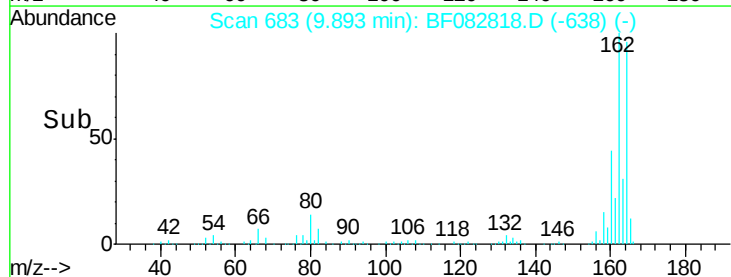
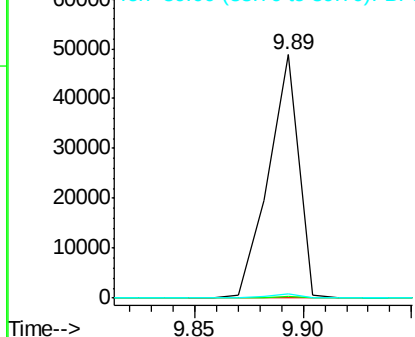


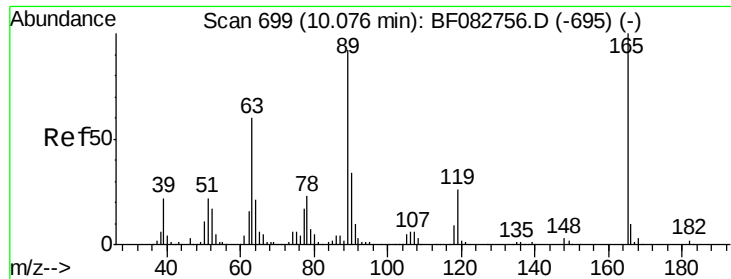
#50
 2,6-Dinitrotoluene
 Concen: 7.57 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.22 min
 Lab File: BF082818.D
 Acq: 8 Nov 2015 3:04

Tgt Ion:165 Resp: 47800
 Ion Ratio Lower Upper
 165 100
 63 0.9 55.5 83.3#
 89 1.7 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

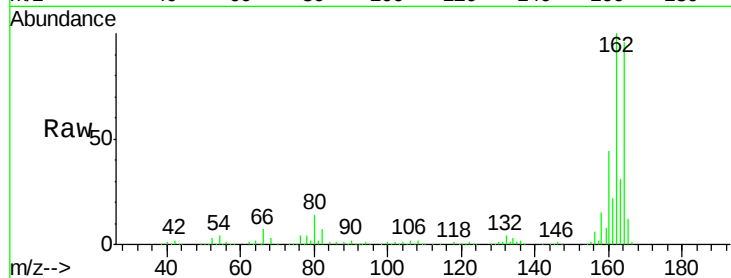




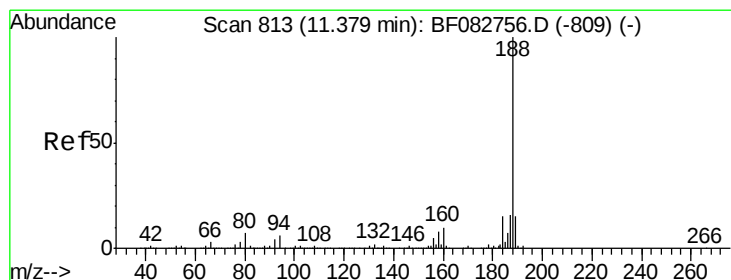
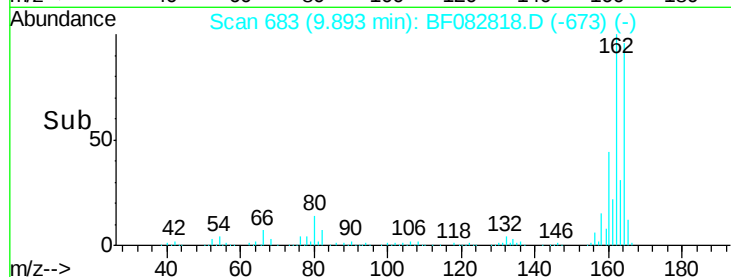
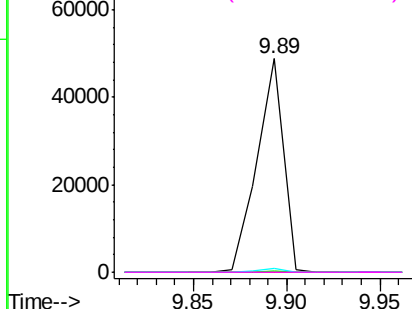
#56
2,4-Dinitrotoluene
Concen: 5.58 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.18 min
Lab File: BF082818.D
Acq: 8 Nov 2015 3:04

Instrument :
BNA_F
ClientSampleId :
BSS-001

Tgt Ion:165 Resp: 47792
Ion Ratio Lower Upper
165 100
63 0.9 43.4 65.0#
89 1.7 70.6 106.0#
182 0.0 1.5 2.3#

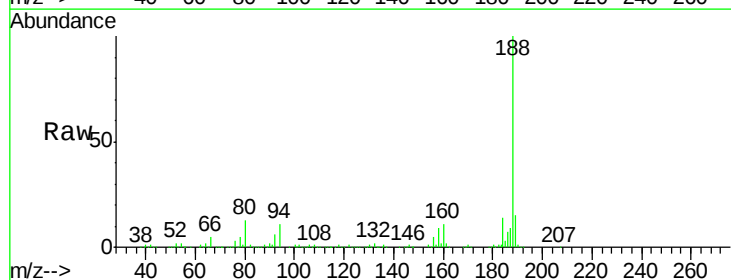


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

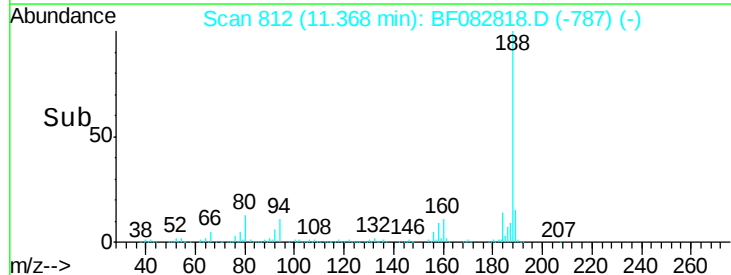
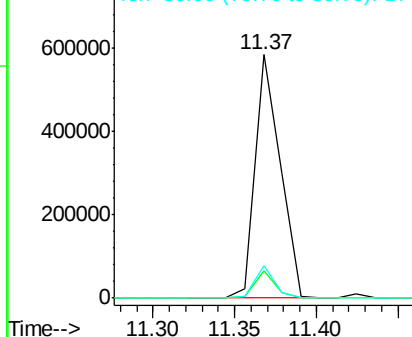


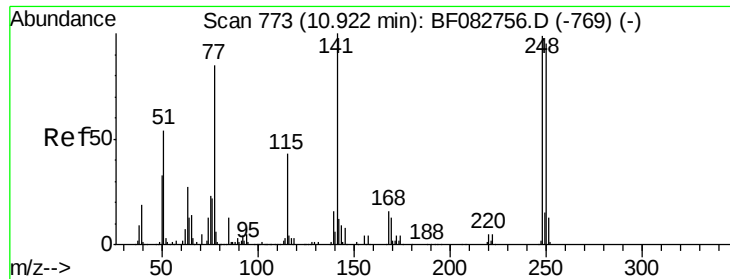
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082818.D
Acq: 8 Nov 2015 3:04

Tgt Ion:188 Resp: 627085
Ion Ratio Lower Upper
188 100
94 11.3 6.1 9.1#
80 13.2 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

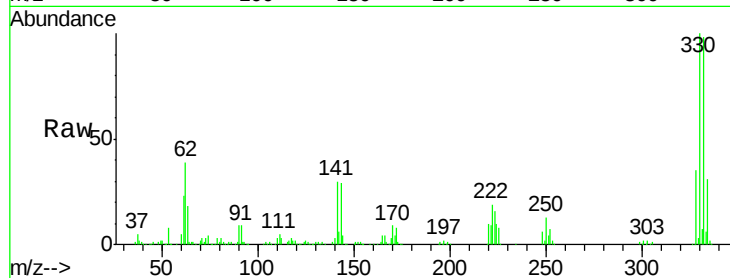




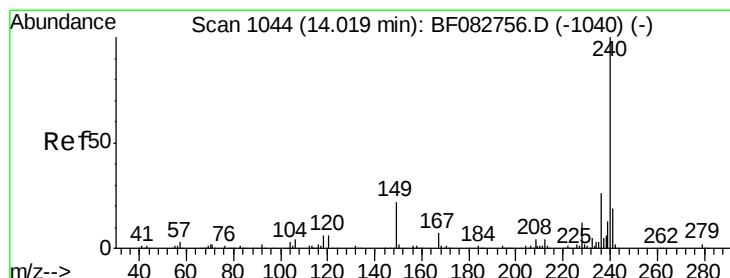
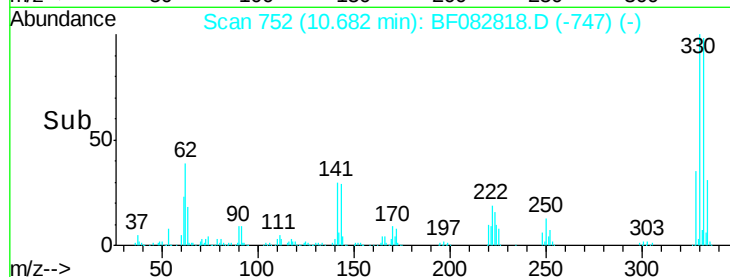
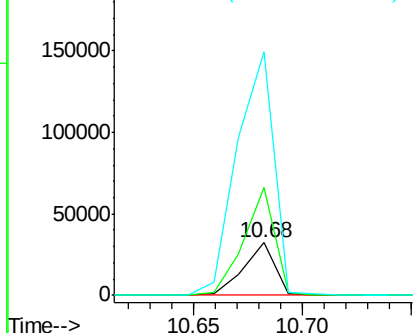
#66
4-Bromophenyl-phenylether
Concen: 4.30 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.24 min
Lab File: BF082818.D
Acq: 8 Nov 2015 3:04

Instrument :
BNA_F
ClientSampleId :
BSS-001

Tgt Ion:248 Resp: 32496
Ion Ratio Lower Upper
248 100
250 205.4 79.4 119.2#
141 461.8 36.3 54.5#

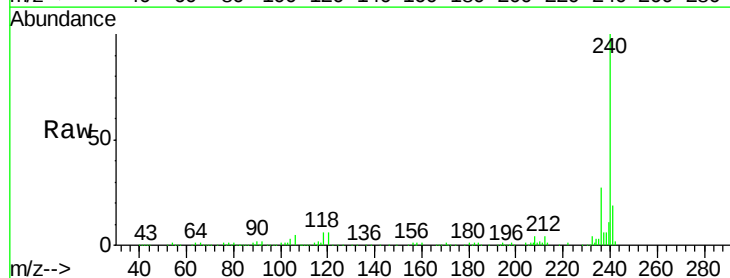


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

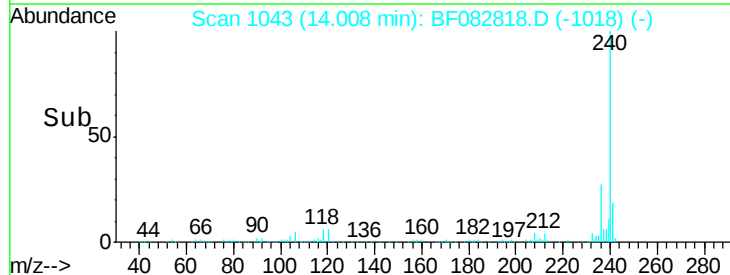
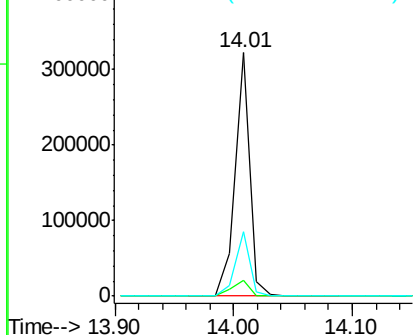


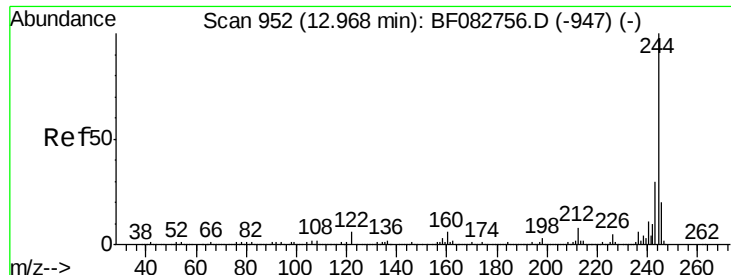
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF082818.D
Acq: 8 Nov 2015 3:04

Tgt Ion:240 Resp: 276610
Ion Ratio Lower Upper
240 100
120 6.2 10.9 16.3#
236 26.6 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

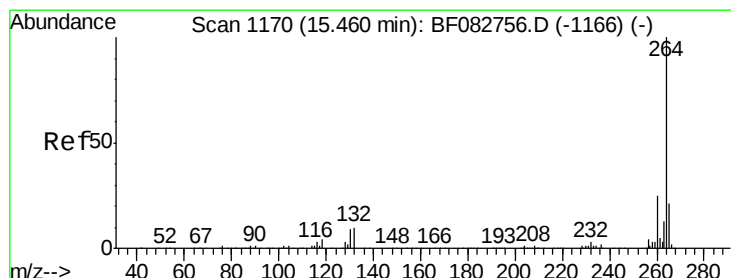
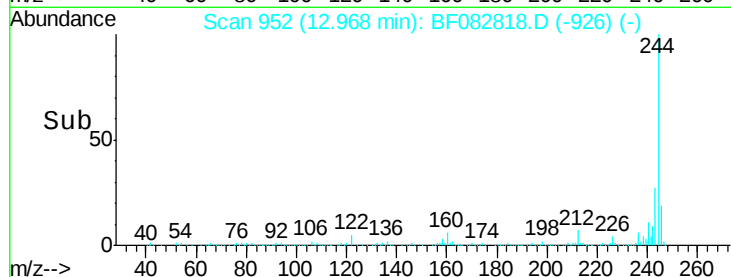
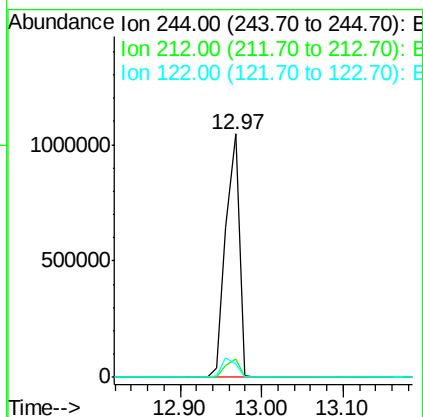
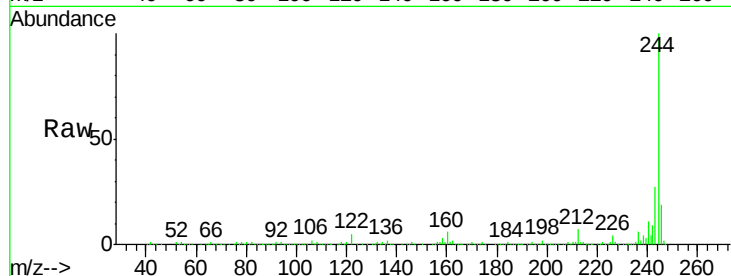




#78
 Terphenyl-d14
 Concen: 102.71 ng
 RT: 12.97 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF082818.D
 Acq: 8 Nov 2015 3:04

Instrument :
 BNA_F
 ClientSampled :
 BSS-001

Tgt Ion:244 Resp: 1197845
 Ion Ratio Lower Upper
 244 100
 212 7.3 7.6 11.4#
 122 5.4 11.3 16.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF082818.D
 Acq: 8 Nov 2015 3:04

Tgt Ion:264 Resp: 240310
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.8 29.6
 265 22.3 17.4 26.0

