

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111715\
 Data File : BF082975.D
 Acq On : 17 Nov 2015 19:36
 Operator : UM/IZ
 Sample : G4439-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 04:26:42 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

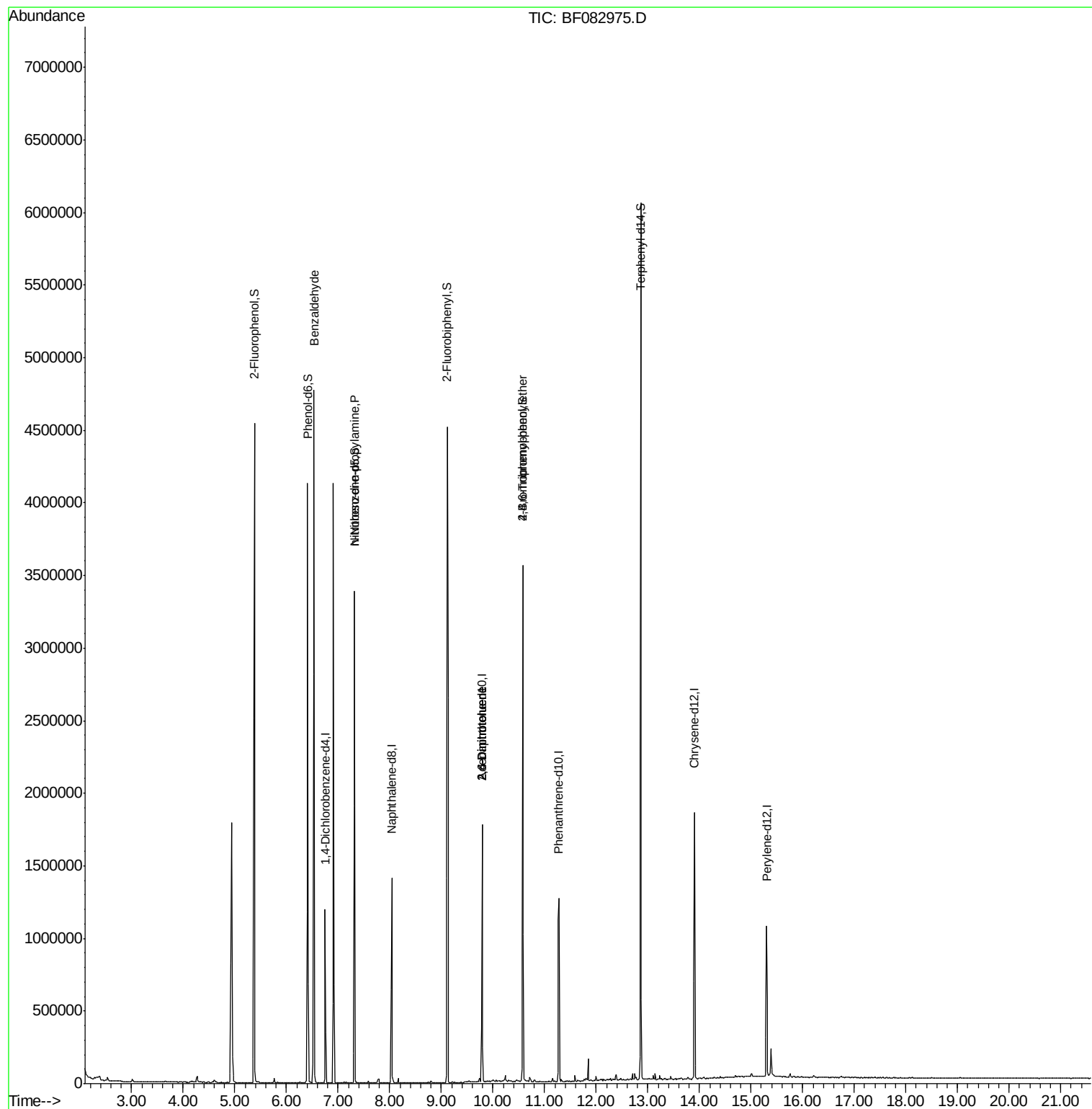
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	176415	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	693532	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	352406	20.00	ng	-0.10
63) Phenanthrene-d10	11.28	188	678488	20.00	ng	-0.10
75) Chrysene-d12	13.91	240	658623	20.00	ng	-0.11
86) Perylene-d12	15.30	264	506489	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1364446	120.34	ng	-0.07
7) Phenol-d6	6.41	99	1476511	97.96	ng	-0.08
23) Nitrobenzene-d5	7.32	82	1351803	84.81	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	456928	113.08	ng	-0.10
44) 2-Fluorobiphenyl	9.12	172	2026662	82.42	ng	-0.10
78) Terphenyl-d14	12.87	244	1930993	69.54	ng	-0.10
Target Compounds						
9) Benzaldehyde	6.53	77	37812	4.54	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.32	70	186823	16.86	ng	# 67
50) 2,6-Dinitrotoluene	9.79	165	46481	7.54	ng	# 17
56) 2,4-Dinitrotoluene	9.79	165	46484	5.56	ng	# 15
66) 4-Bromophenyl-phenylether	10.58	248	29039	3.55	ng	# 1

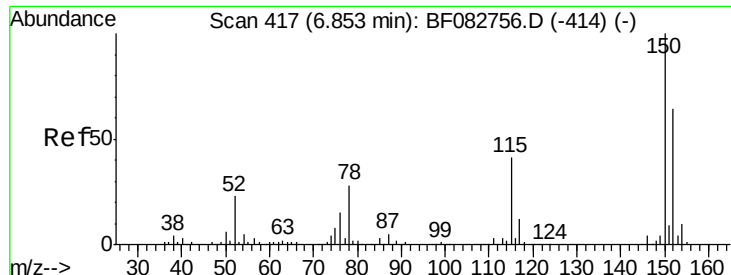
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082975.D

Acq: 17 Nov 2015 19:36

Instrument :

BNA_F

ClientSampleId :

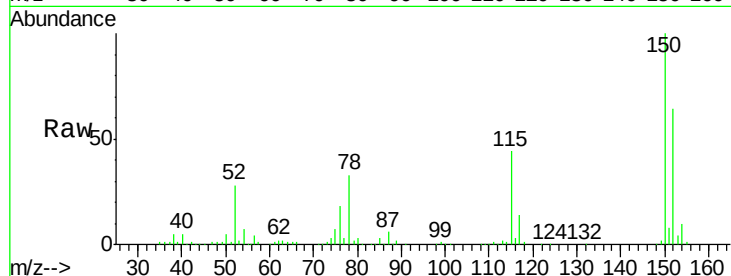
Tot Ion:152 Resp: 176415

Ion Ratio Lower Upper

152 100

150 155.6 127.0 190.4

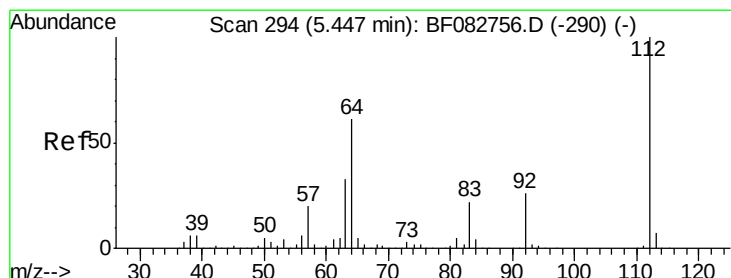
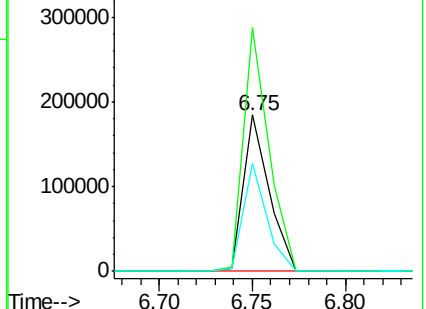
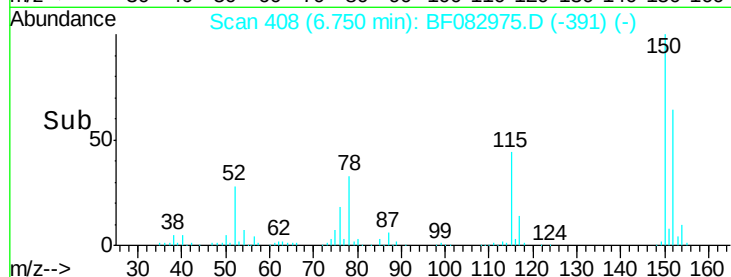
115 68.8 47.0 70.6



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: 120.34 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.07 min

Lab File: BF082975.D

Acq: 17 Nov 2015 19:36

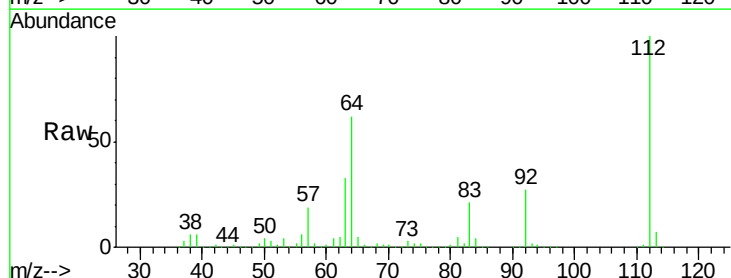
Tgt Ion:112 Resp: 1364446

Ion Ratio Lower Upper

112 100

64 61.8 48.9 73.3

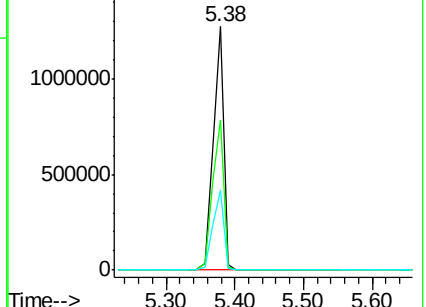
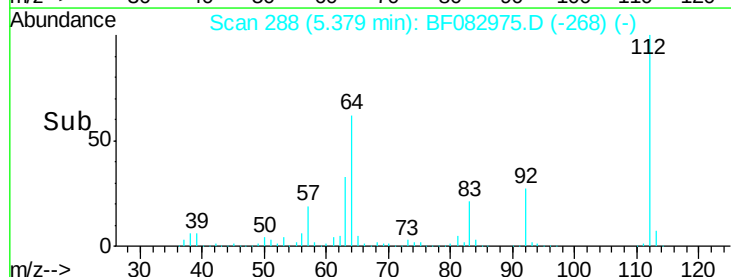
63 32.8 28.1 42.1

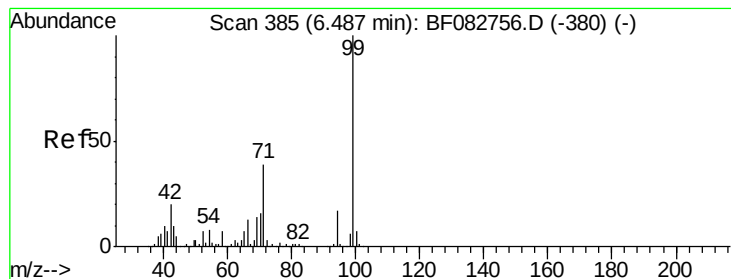


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 97.96 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.08 min

Lab File: BF082975.D

Acq: 17 Nov 2015 19:36

Instrument :

BNA_F

ClientSampleId :

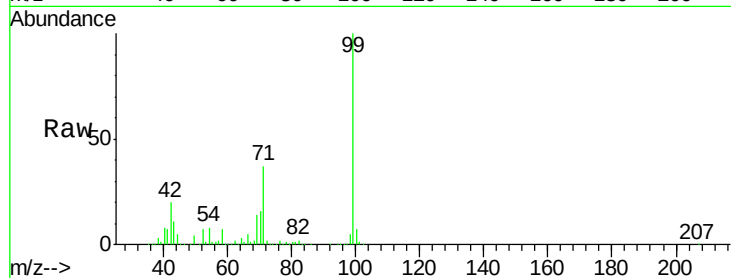
Tot Ion: 99 Resp: 1476511

Ion Ratio Lower Upper

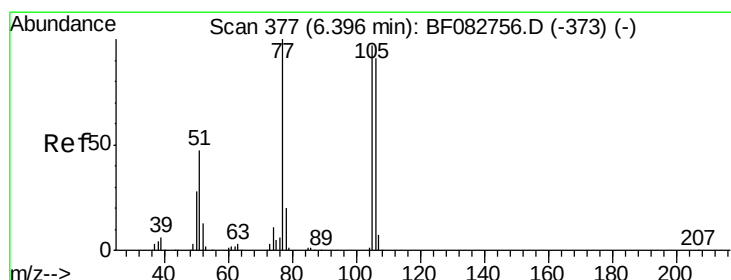
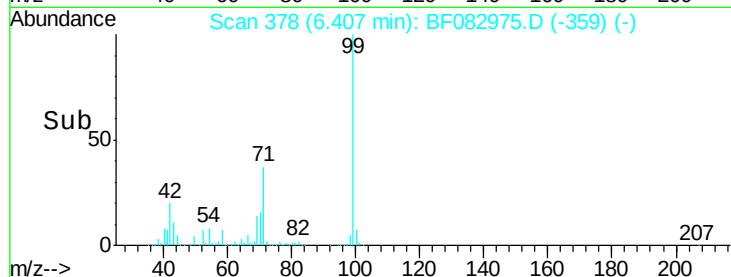
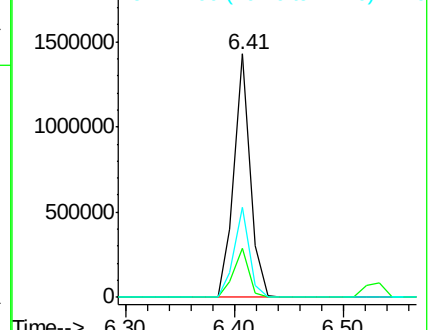
99 100

42 20.2 19.2 28.8

71 37.1 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: 4.54 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.14 min

Lab File: BF082975.D

Acq: 17 Nov 2015 19:36

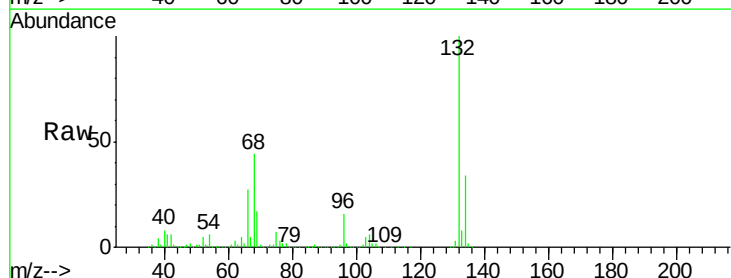
Tgt Ion: 77 Resp: 37812

Ion Ratio Lower Upper

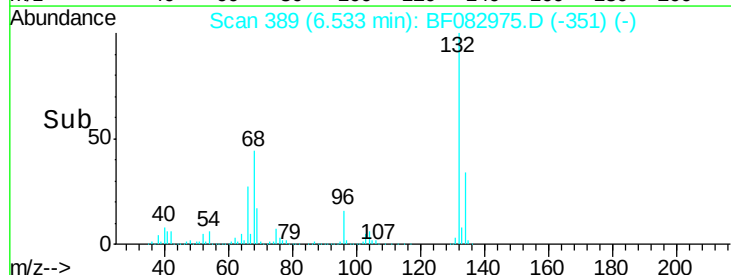
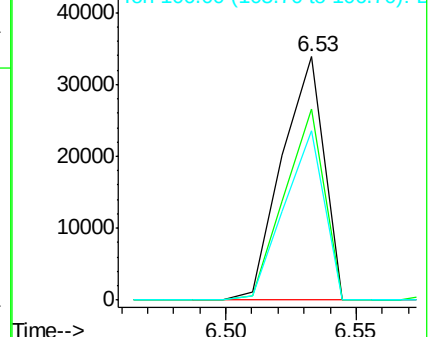
77 100

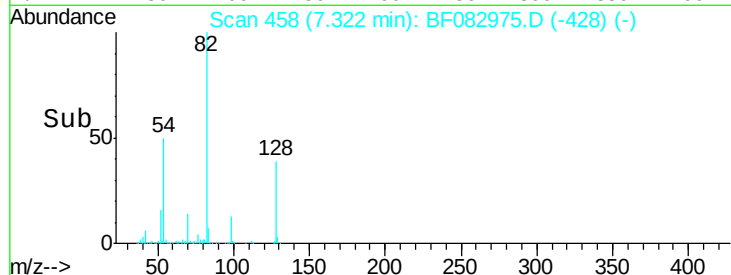
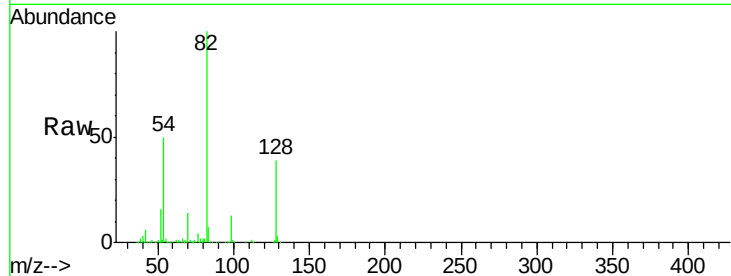
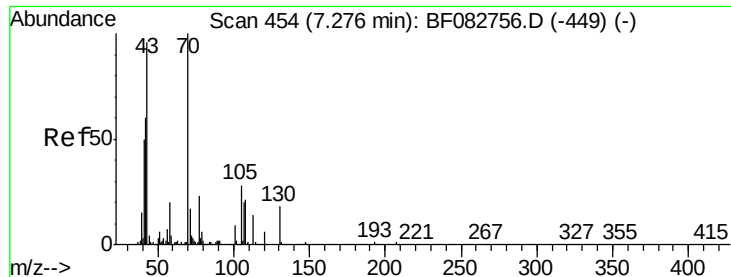
105 78.4 63.5 103.5

106 69.7 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

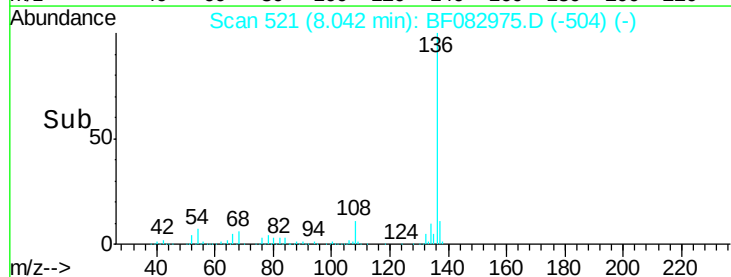
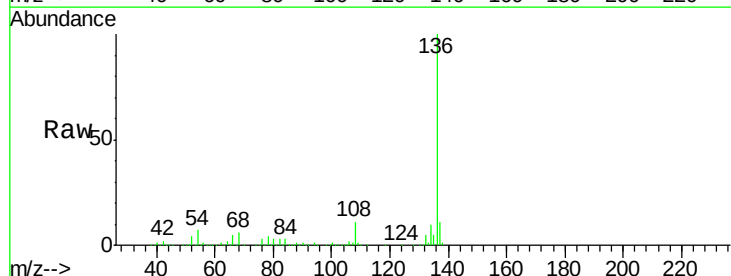
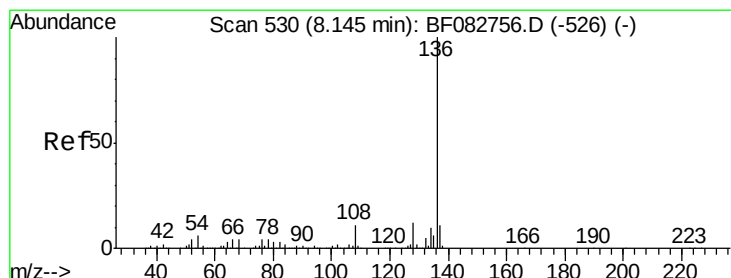
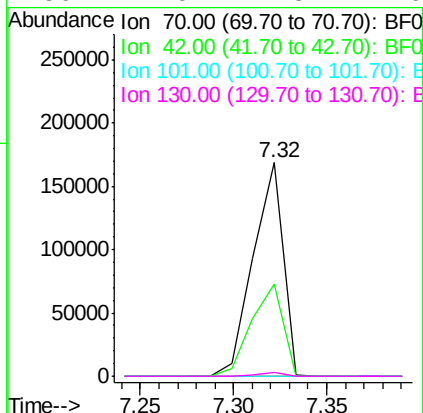




#19
n-Nitroso-di-n-propylamine
Concen: 16.86 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.05 min
Lab File: BF082975.D
Acq: 17 Nov 2015 19:36

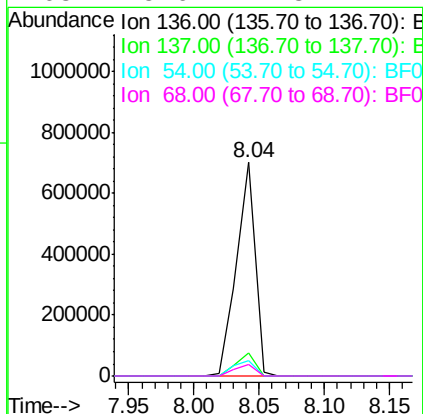
Instrument :
BNA_F
ClientSampled :

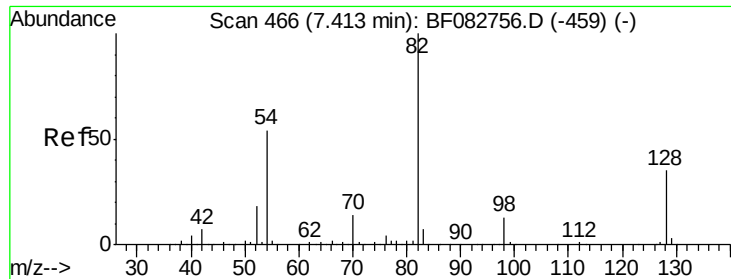
Tot Ion:	70	Resp:	186823
Ion	Ratio	Lower	Upper
70	100		
42	43.3	57.7	86.5#
101	0.0	7.0	10.6#
130	2.0	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.10 min
Lab File: BF082975.D
Acq: 17 Nov 2015 19:36

Tgt Ion:	136	Resp:	693532
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.4	9.1	13.7#
68	5.6	4.8	7.2

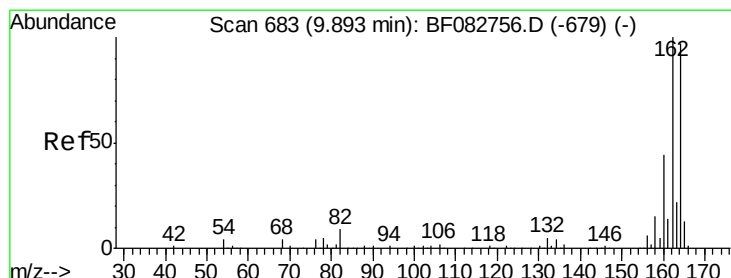
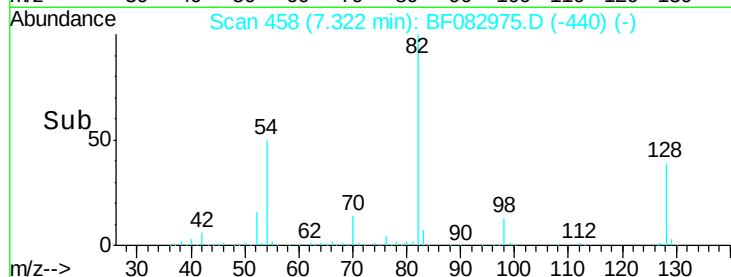
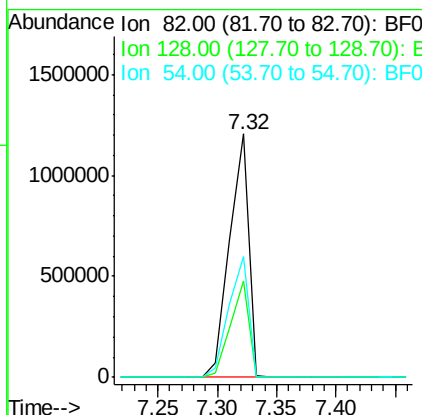
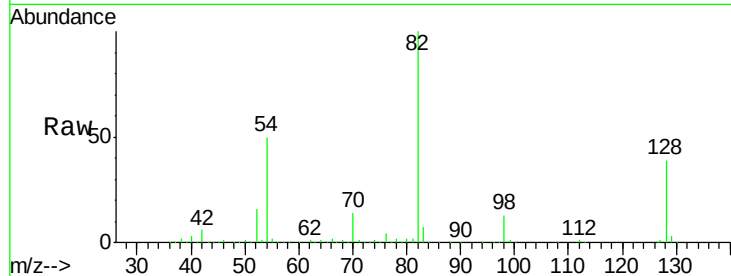




#23
 Nitrobenzene-d5
 Concen: 84.81 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.09 min
 Lab File: BF082975.D
 Acq: 17 Nov 2015 19:36

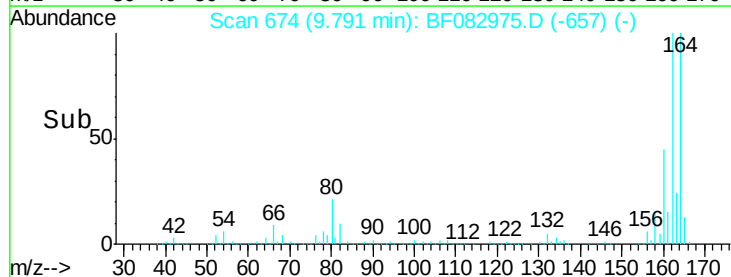
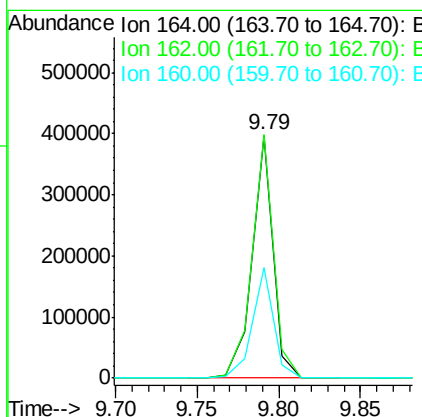
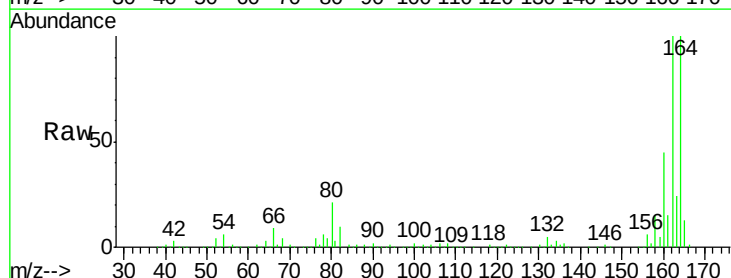
Instrument :
 BNA_F
 ClientSampleId :

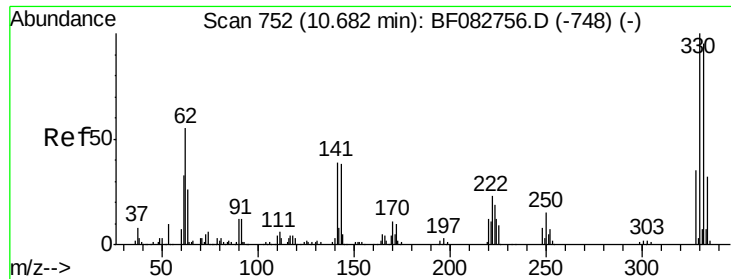
Tot Ion: 82 Resp: 1351803
 Ion Ratio Lower Upper
 82 100
 128 39.5 26.8 40.2
 54 49.5 45.7 68.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.10 min
 Lab File: BF082975.D
 Acq: 17 Nov 2015 19:36

Tgt Ion:164 Resp: 352406
 Ion Ratio Lower Upper
 164 100
 162 100.4 84.9 127.3
 160 45.3 37.5 56.3

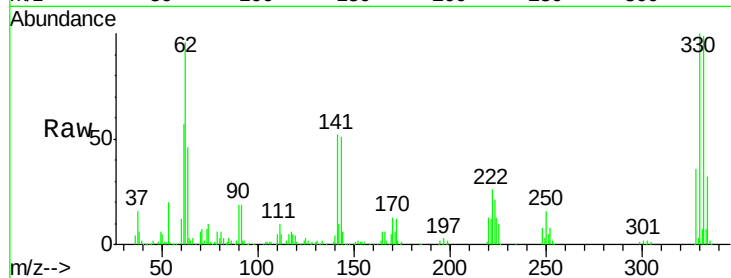




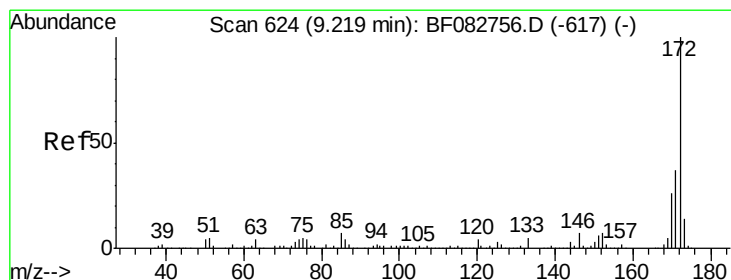
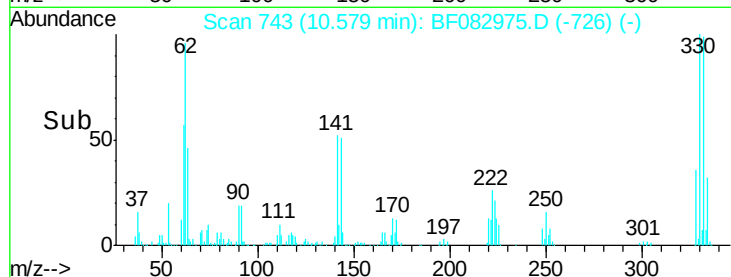
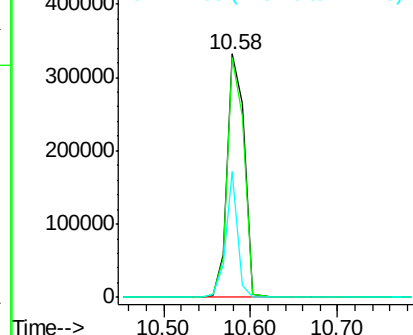
#41
 2,4,6-Tribromophenol
 Concen: 113.08 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.10 min
 Lab File: BF082975.D
 Acq: 17 Nov 2015 19:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 456928
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 36.0 41.2 61.8#

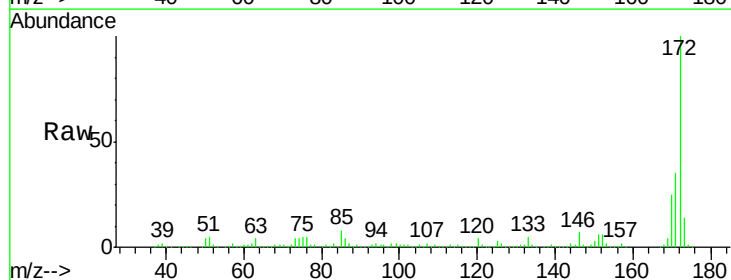


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

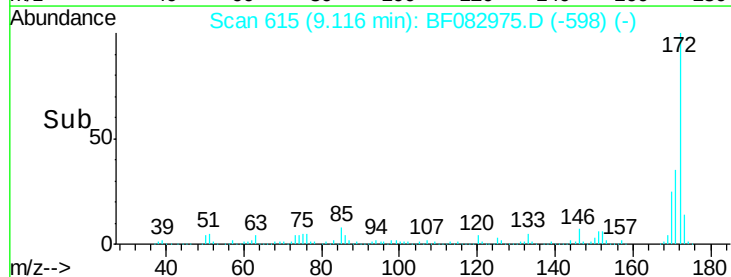
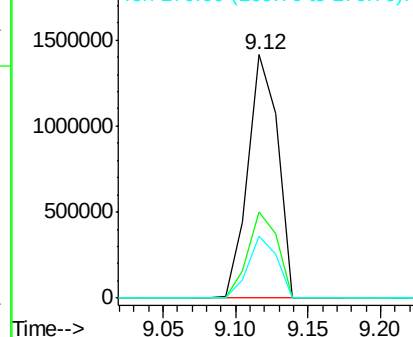


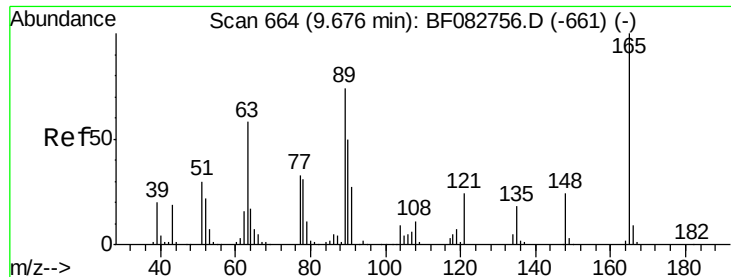
#44
 2-Fluorobiphenyl
 Concen: 82.42 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.10 min
 Lab File: BF082975.D
 Acq: 17 Nov 2015 19:36

Tgt Ion:172 Resp: 2026662
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.8 46.2
 170 25.2 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

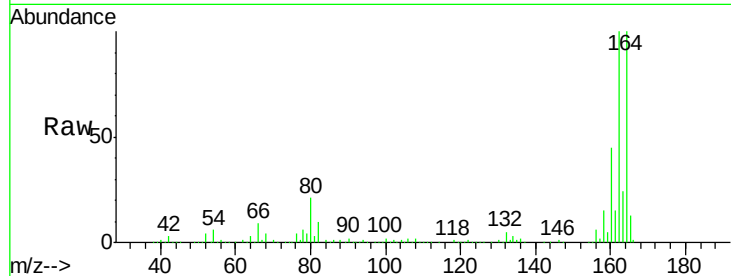




#50
 2,6-Dinitrotoluene
 Concen: 7.54 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.11 min
 Lab File: BF082975.D
 Acq: 17 Nov 2015 19:36

Instrument :
 BNA_F
 ClientSampleId :

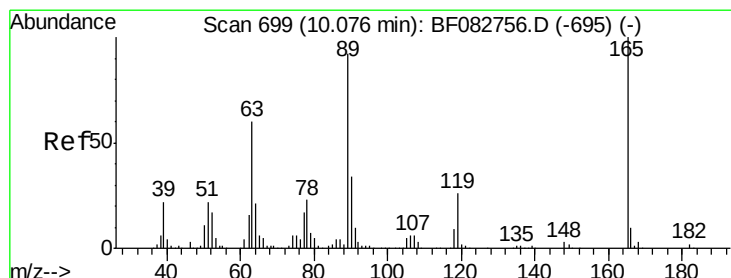
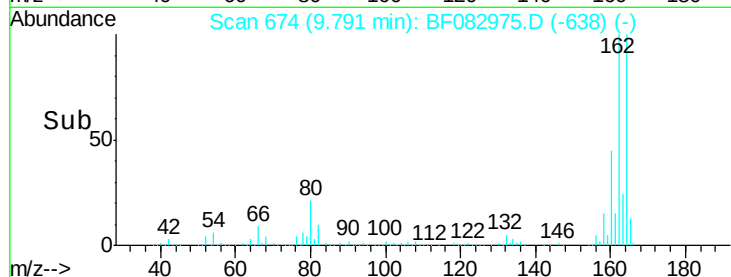
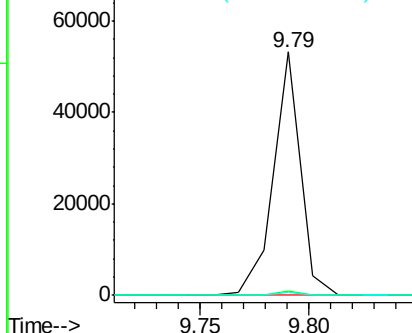
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	55.5	83.3#
89	1.3	55.0	82.6#



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: 5.56 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.29 min
 Lab File: BF082975.D
 Acq: 17 Nov 2015 19:36

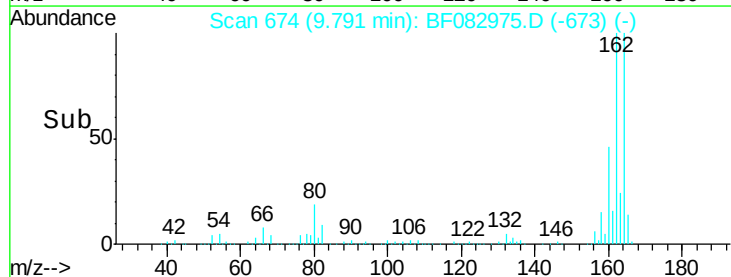
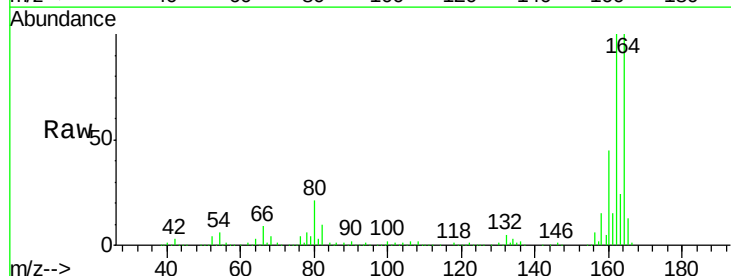
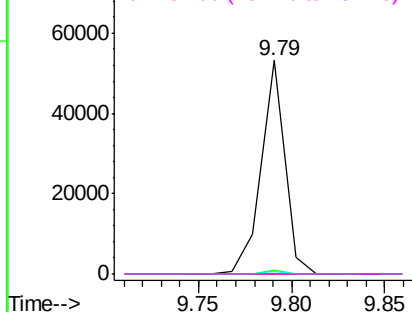
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	43.4	65.0#
89	1.3	70.6	106.0#
182	0.0	1.5	2.3#

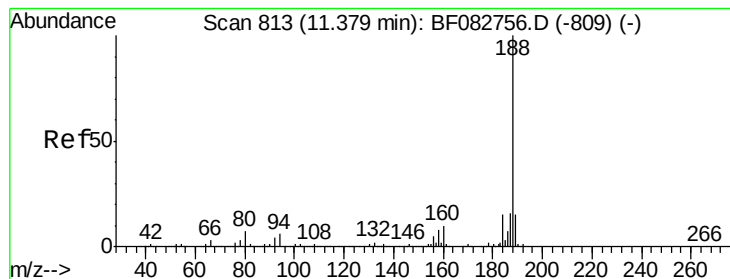
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.28 min Scan# 804

Delta R.T. -0.10 min

Lab File: BF082975.D

Acq: 17 Nov 2015 19:36

Instrument :

BNA_F

ClientSampleId :

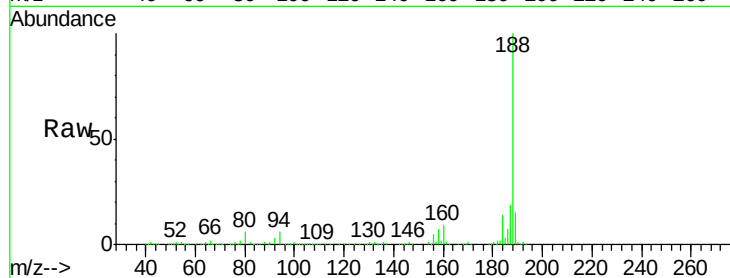
Tot Ion:188 Resp: 678488

Ion Ratio Lower Upper

188 100

94 5.8 6.1 9.1#

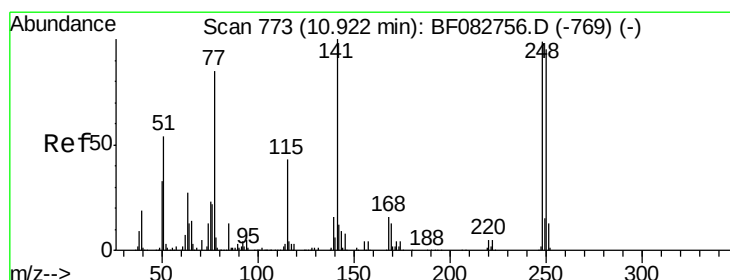
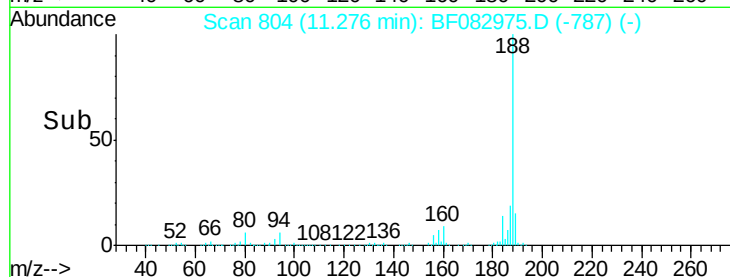
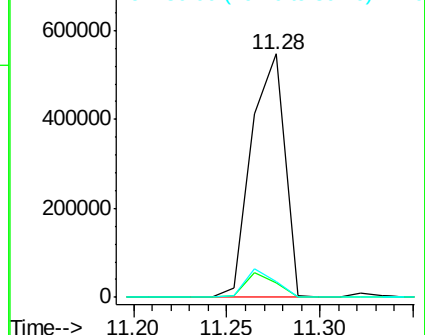
80 6.3 7.0 10.6#



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: 3.55 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.34 min

Lab File: BF082975.D

Acq: 17 Nov 2015 19:36

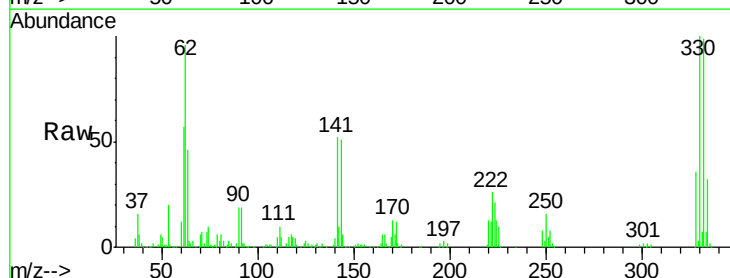
Tgt Ion:248 Resp: 29039

Ion Ratio Lower Upper

248 100

250 199.7 79.4 119.2#

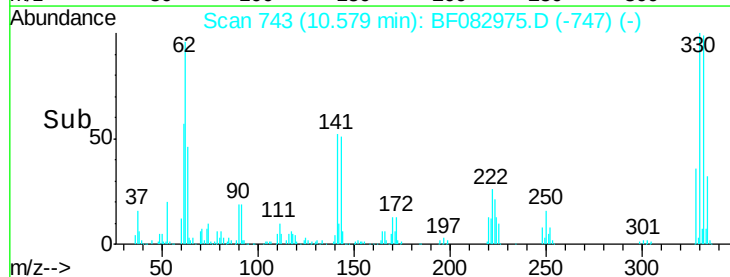
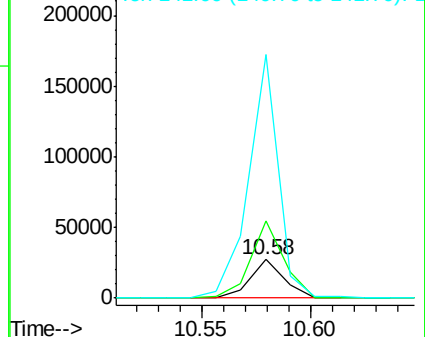
141 634.7 36.3 54.5#

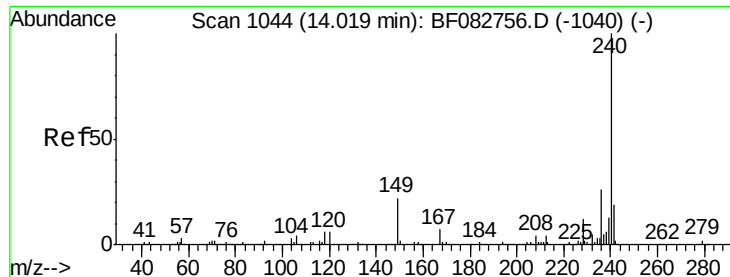


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF082975.D

Acq: 17 Nov 2015 19:36

Instrument :

BNA_F

ClientSampleId :

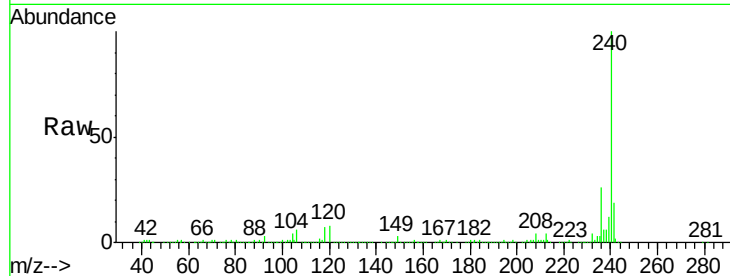
Tot Ion:240 Resp: 658623

Ion Ratio Lower Upper

240 100

120 8.4 10.9 16.3#

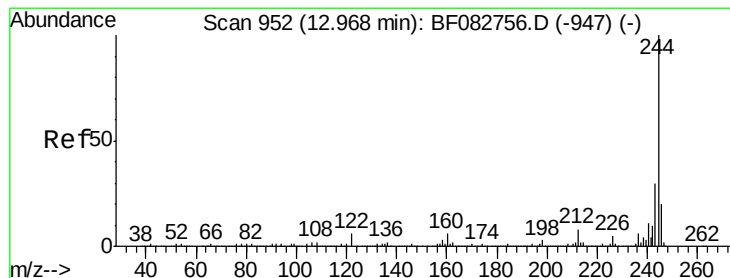
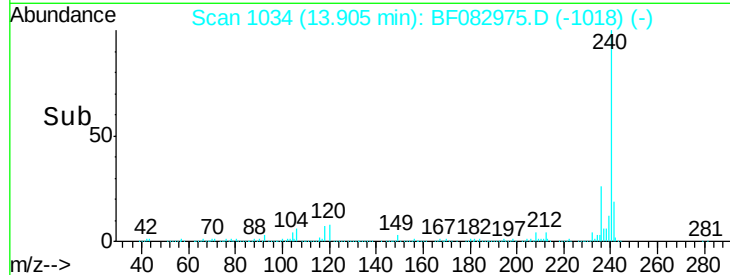
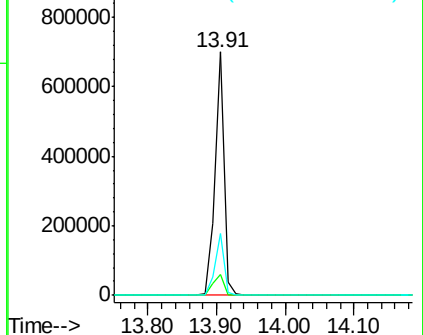
236 25.7 21.6 32.4



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: 69.54 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.10 min

Lab File: BF082975.D

Acq: 17 Nov 2015 19:36

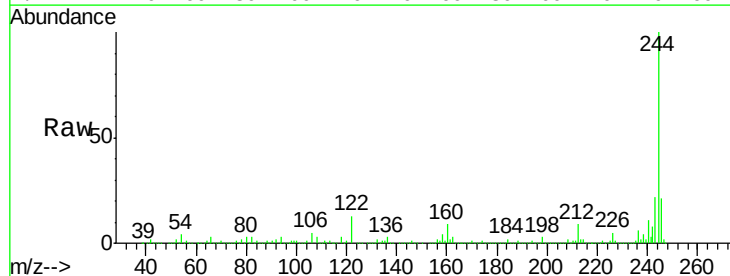
Tgt Ion:244 Resp: 1930993

Ion Ratio Lower Upper

244 100

212 8.5 7.6 11.4

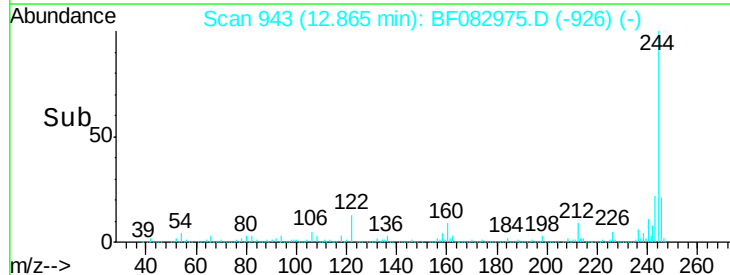
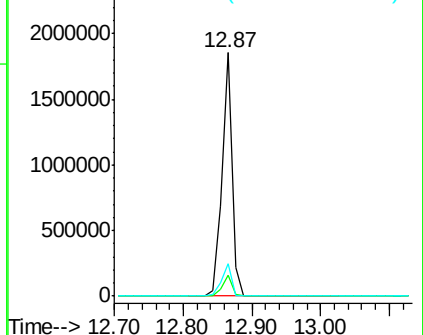
122 13.5 11.3 16.9

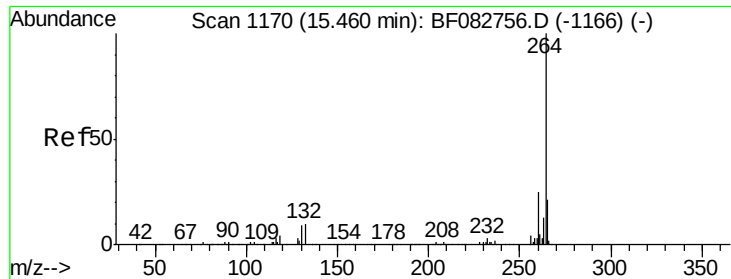


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

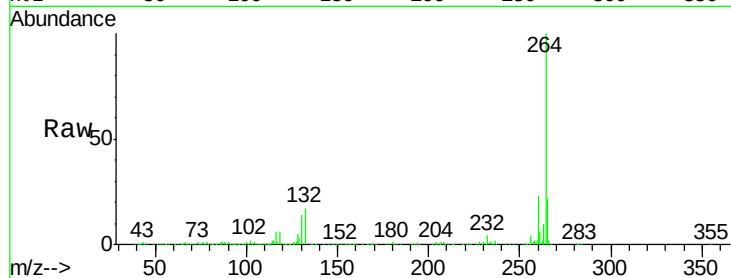




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.16 min
Lab File: BF082975.D
Acq: 17 Nov 2015 19:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.8	29.6
265	21.5	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

