

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082360.D
 Acq On : 19 Oct 2015 17:26
 Operator : UM/IZ
 Sample : PB86137TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86137TB

Quant Time: Oct 20 02:04:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 01:57:16 2015
 Response via : Initial Calibration

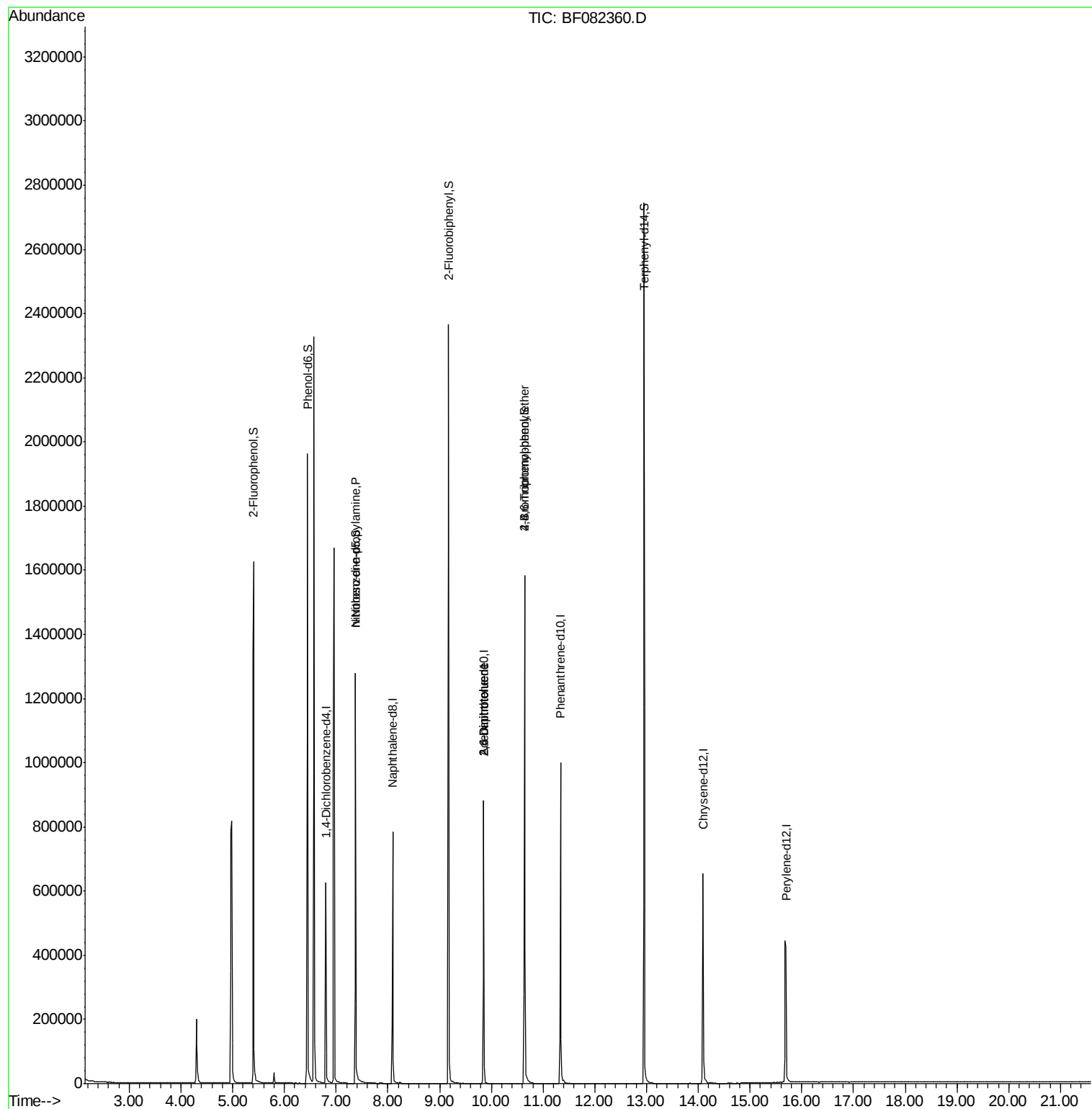
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	99530	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	389581	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	199348	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	400580	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	367760	20.00	ng	0.00
86) Perylene-d12	15.69	264	286297	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	645642	130.92	ng	0.01
7) Phenol-d6	6.45	99	849443	132.36	ng	0.00
23) Nitrobenzene-d5	7.37	82	481959	83.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	193009	103.24	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1075863	89.50	ng	0.00
78) Terphenyl-d14	12.95	244	1088103	78.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	61557	13.66	ng	# 81
50) 2,6-Dinitrotoluene	9.85	165	24416	8.24	ng	# 32
56) 2,4-Dinitrotoluene	9.85	165	24416	6.60	ng	# 23
66) 4-Bromophenyl-phenylether	10.64	248	14445	3.60	ng	# 1

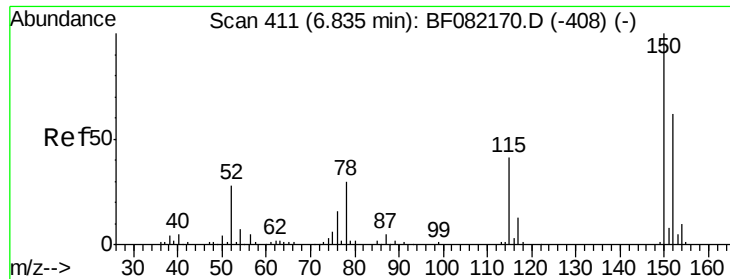
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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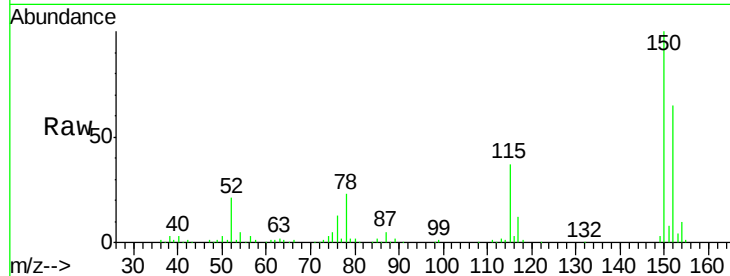


#1

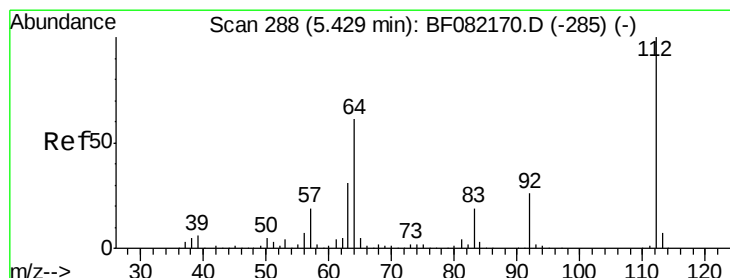
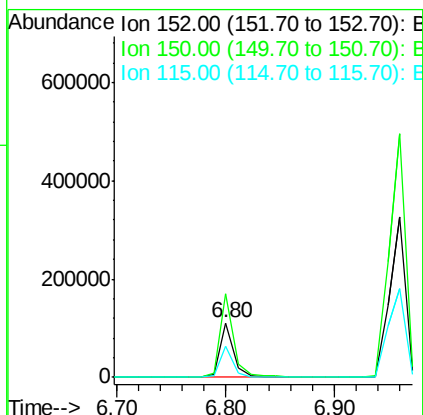
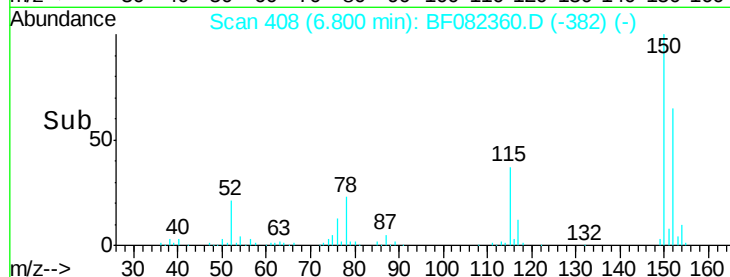
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF082360.D
Acq: 19 Oct 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB86137TB

Tot Ion:152 Resp: 99530
Ion Ratio Lower Upper
152 100
150 155.0 129.0 193.4
115 57.7 52.1 78.1



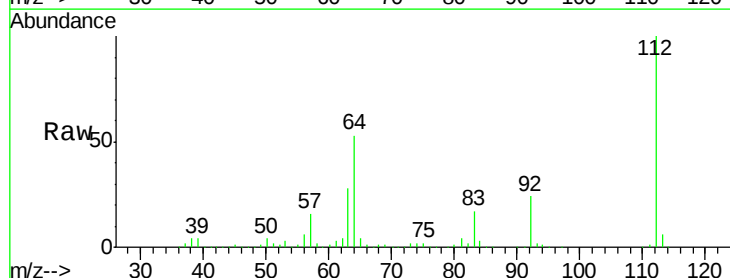
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



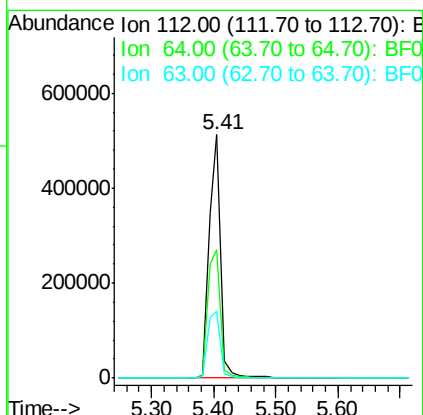
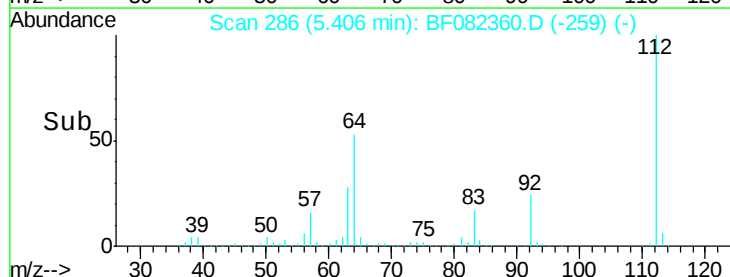
#5

2-Fluorophenol
Concen: 130.92 ng
RT: 5.41 min Scan# 286
Delta R.T. 0.01 min
Lab File: BF082360.D
Acq: 19 Oct 2015 17:26

Tgt Ion:112 Resp: 645642
Ion Ratio Lower Upper
112 100
64 52.7 48.6 73.0
63 27.7 25.1 37.7



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: 132.36 ng

RT: 6.45 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF082360.D

Acq: 19 Oct 2015 17:26

Instrument :

BNA_F

ClientSampleId :

PB86137TB

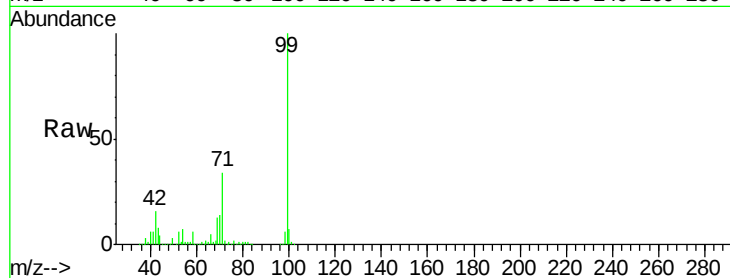
Tot Ion: 99 Resp: 849443

Ion Ratio Lower Upper

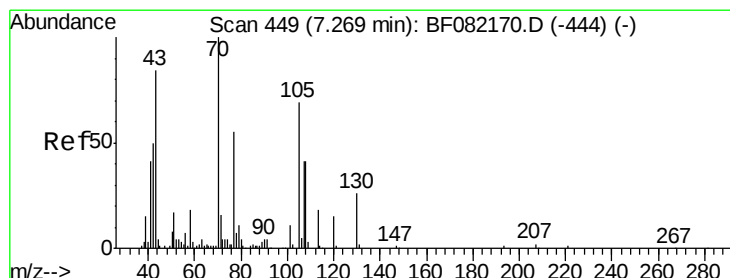
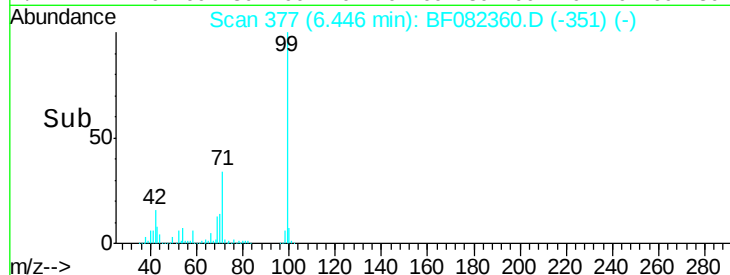
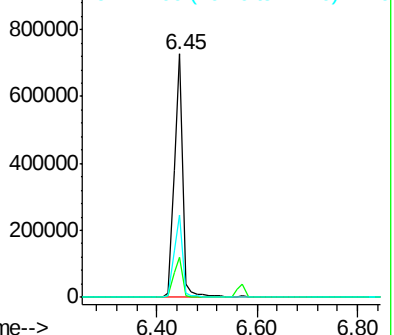
99 100

42 16.5 13.2 19.8

71 33.7 25.6 38.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.66 ng

RT: 7.37 min Scan# 458

Delta R.T. 0.14 min

Lab File: BF082360.D

Acq: 19 Oct 2015 17:26

Tgt Ion: 70 Resp: 61557

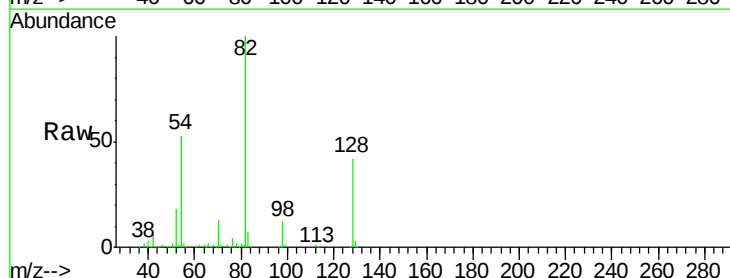
Ion Ratio Lower Upper

70 100

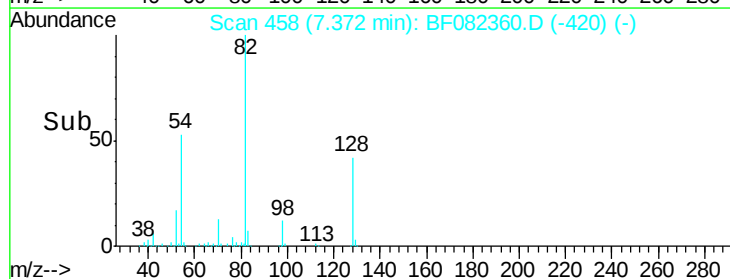
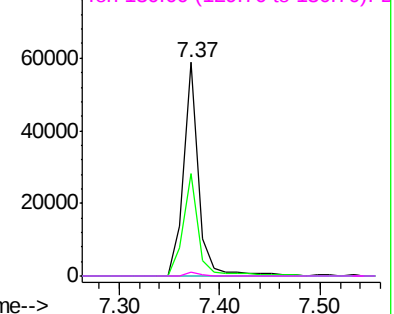
42 47.8 39.8 59.8

101 0.0 8.6 13.0#

130 2.0 20.5 30.7#



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): BF0
Ion 130.00 (129.70 to 130.70): BF0

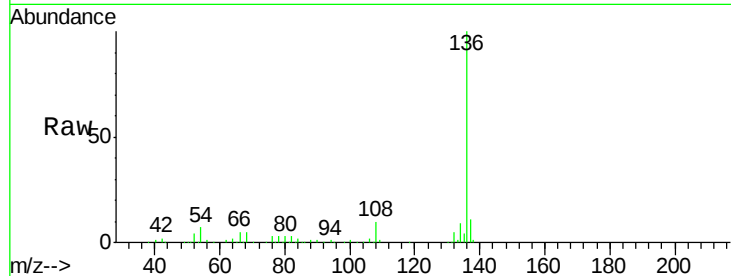




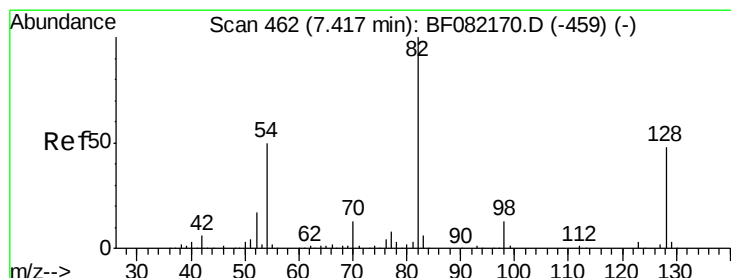
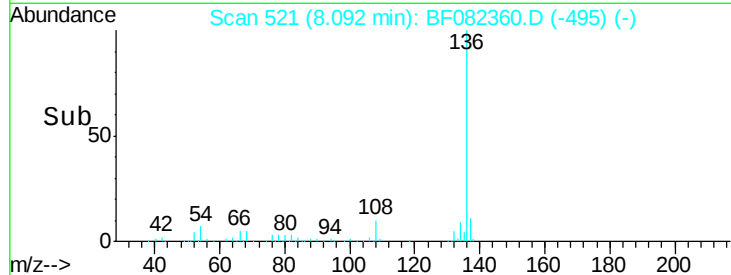
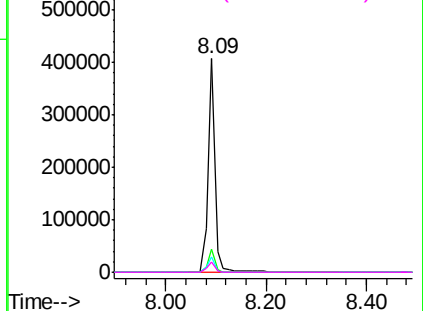
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF082360.D
Acq: 19 Oct 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB86137TB

Tot Ion:136	Resp:	389581
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.6
54	7.4	7.5 11.3#
68	4.8	4.6 7.0

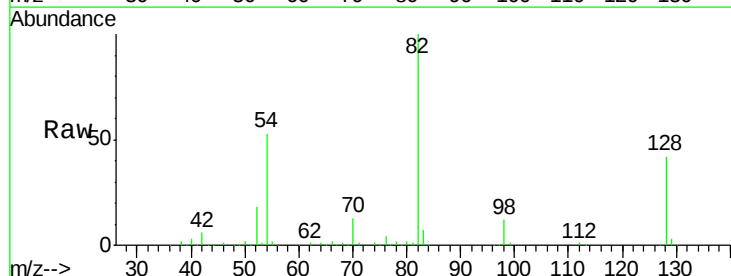


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

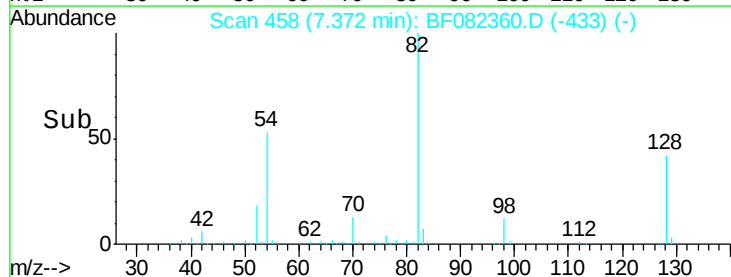
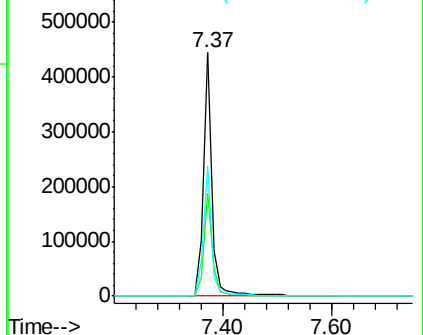


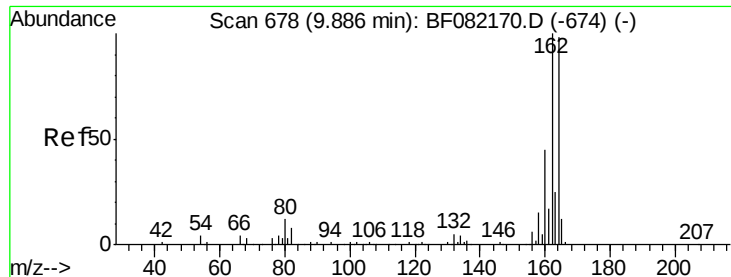
#23
Nitrobenzene-d5
Concen: 83.08 ng
RT: 7.37 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF082360.D
Acq: 19 Oct 2015 17:26

Tgt Ion: 82	Resp:	481959
Ion Ratio	Lower	Upper
82	100	
128	42.2	38.7 58.1
54	53.3	40.1 60.1



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: 9.85 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF082360.D

Acq: 19 Oct 2015 17:26

Instrument :

BNA_F

ClientSampleId :

PB86137TB

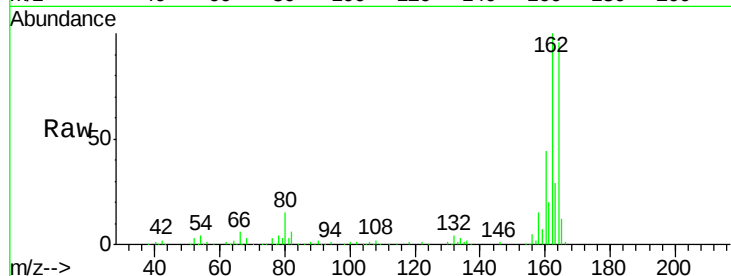
Tot Ion:164 Resp: 199348

Ion Ratio Lower Upper

164 100

162 104.0 81.6 122.4

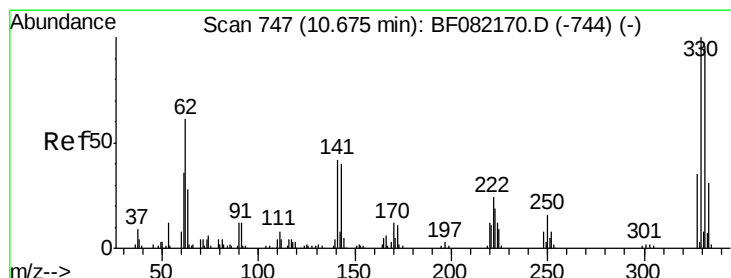
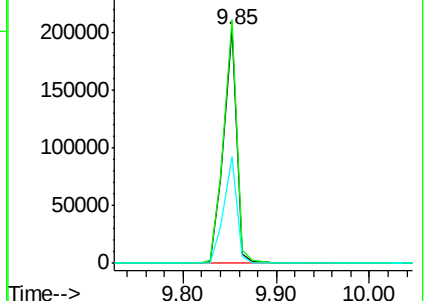
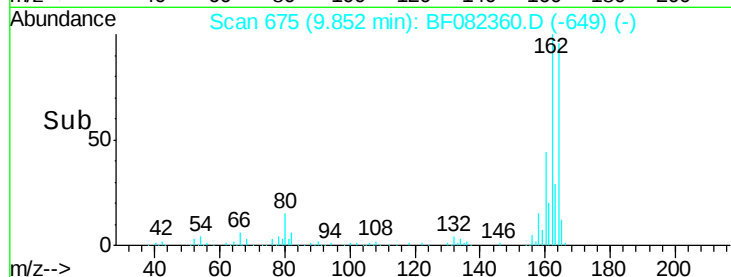
160 45.7 36.4 54.6



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: 103.24 ng

RT: 10.64 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF082360.D

Acq: 19 Oct 2015 17:26

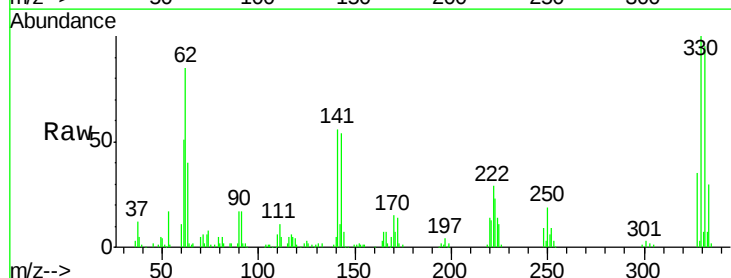
Tgt Ion:330 Resp: 193009

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

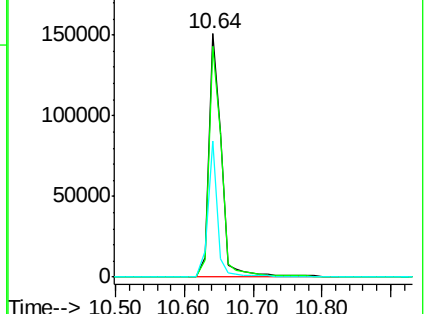
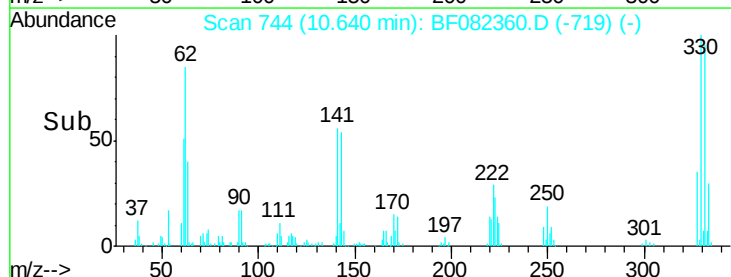
141 43.5 29.8 44.8

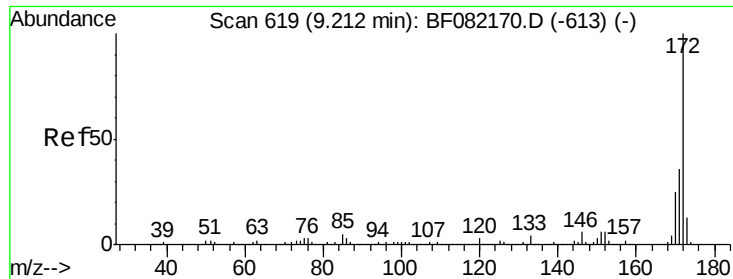


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

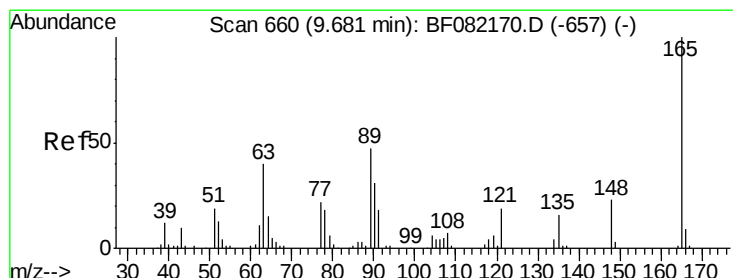
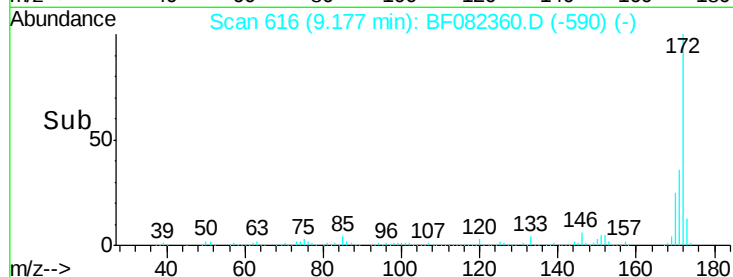
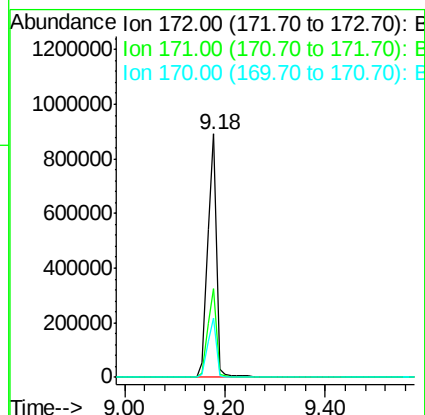
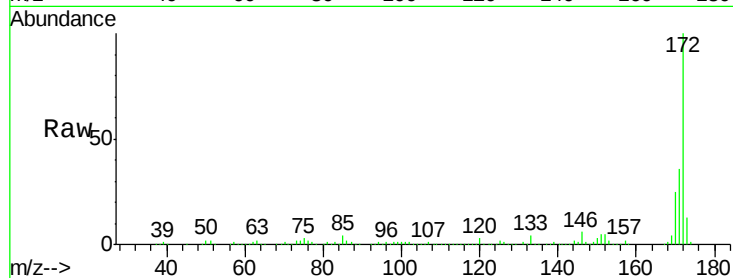




#44
 2-Fluorobiphenyl
 Concen: 89.50 ng
 RT: 9.18 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF082360.D
 Acq: 19 Oct 2015 17:26

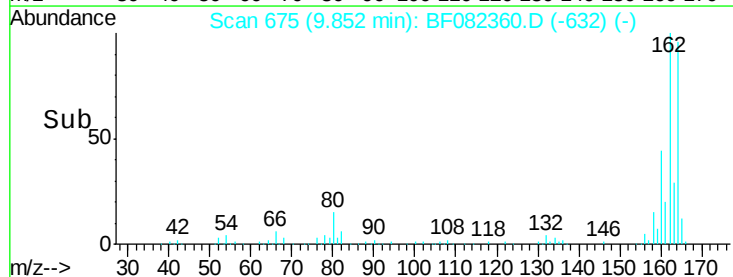
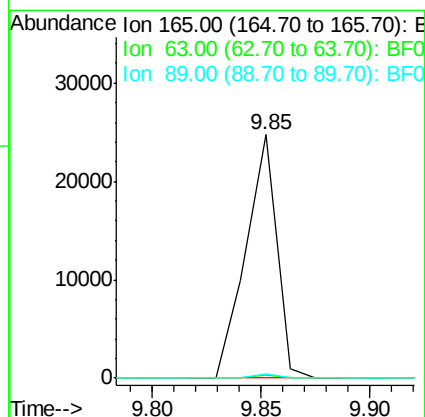
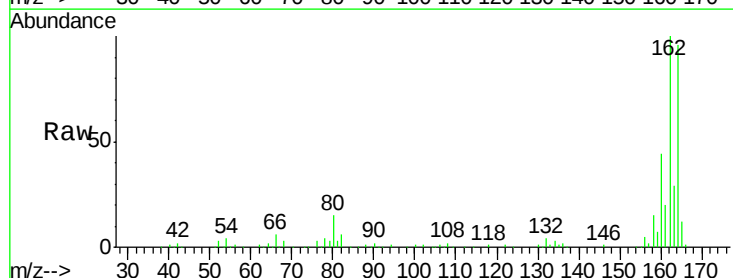
Instrument :
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 PB86137TB

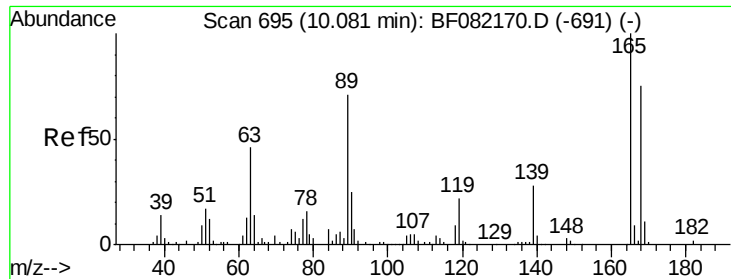
Tot Ion:172 Resp: 1075863
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 42.8
 170 24.6 19.7 29.5



#50
 2,6-Dinitrotoluene
 Concen: 8.24 ng
 RT: 9.85 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF082360.D
 Acq: 19 Oct 2015 17:26

Tgt Ion:165 Resp: 24416
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.7 55.1#
 89 1.5 37.8 56.6#

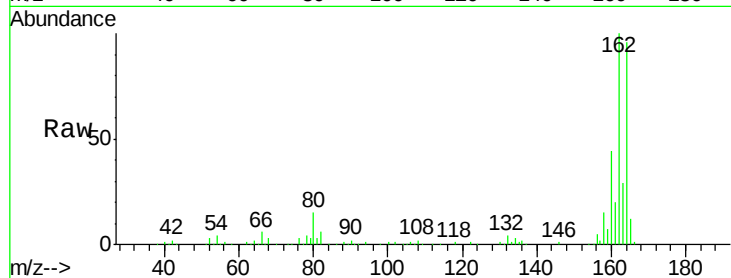




#56
2,4-Dinitrotoluene
Concen: 6.60 ng
RT: 9.85 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF082360.D
Acq: 19 Oct 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB86137TB

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.6	58.0#
89	1.5	57.0	85.6#
182	0.0	1.8	2.6#

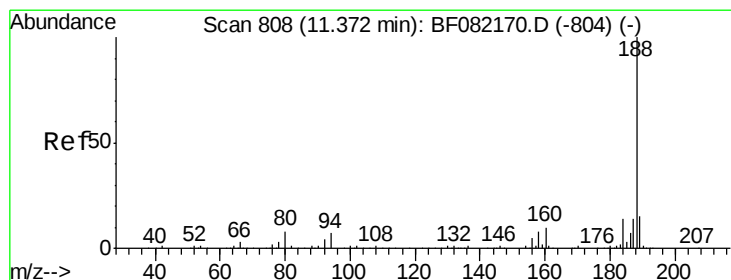
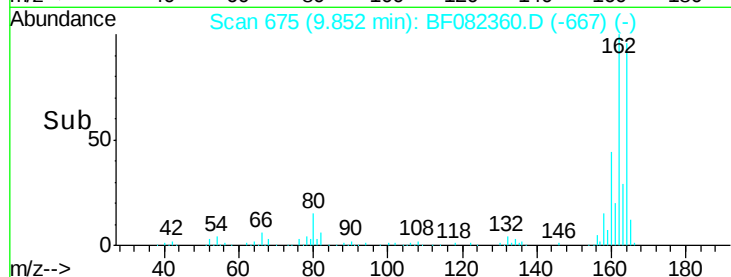
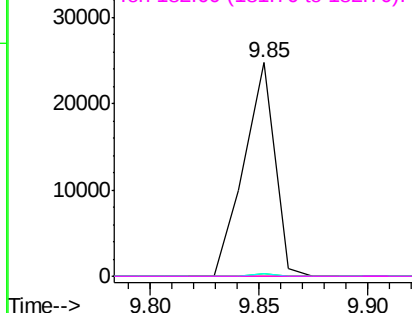


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

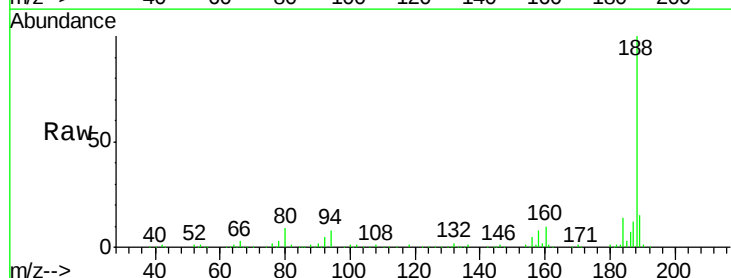
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF082360.D
Acq: 19 Oct 2015 17:26

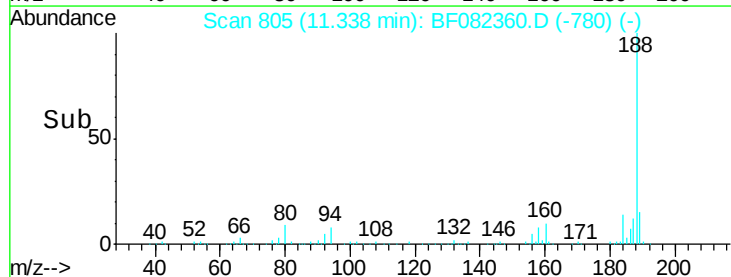
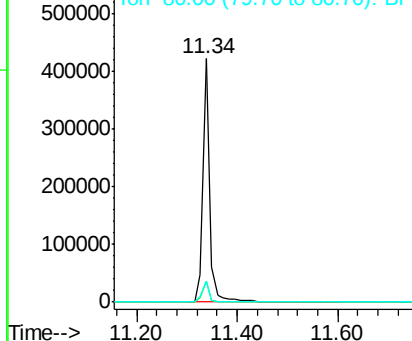
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	5.8	8.6
80	8.7	6.4	9.6

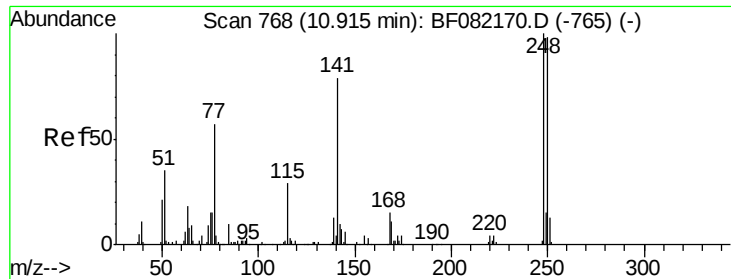


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

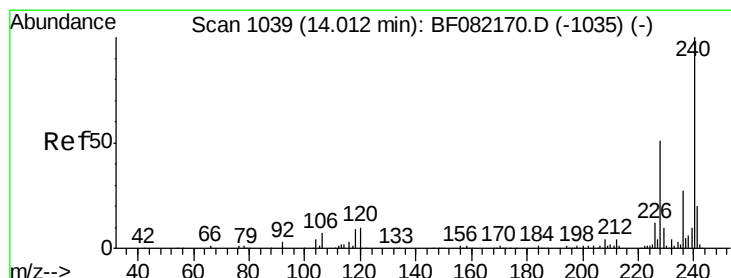
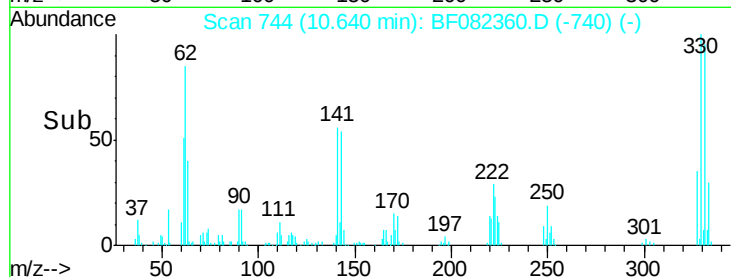
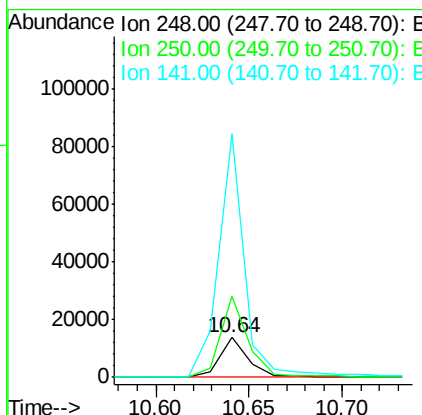
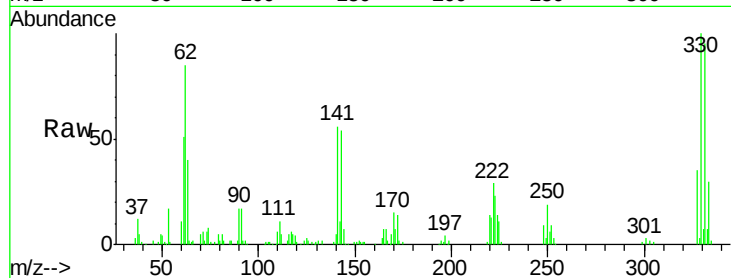




#66
 4-Bromophenyl-phenylether
 Concen: 3.60 ng
 RT: 10.64 min Scan# 744
 Delta R.T. -0.25 min
 Lab File: BF082360.D
 Acq: 19 Oct 2015 17:26

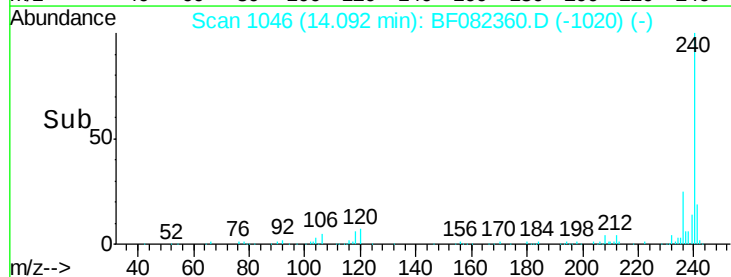
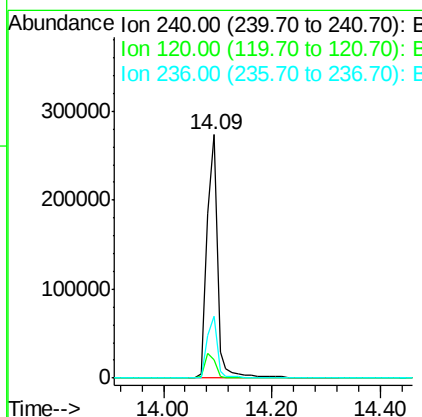
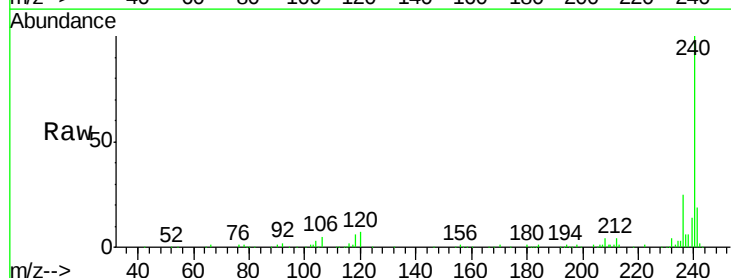
Instrument :
 BNA_F
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 PB86137TB

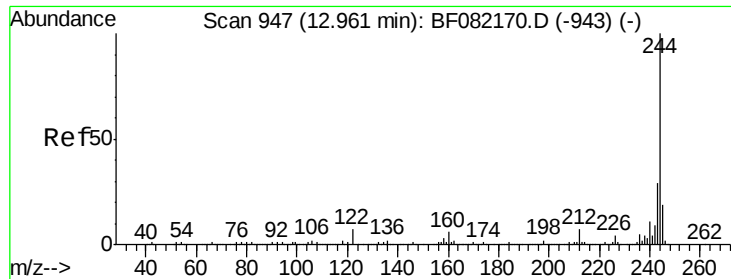
Tot Ion:248 Resp: 14445
 Ion Ratio Lower Upper
 248 100
 250 205.1 78.6 117.8#
 141 612.2 63.3 94.9#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF082360.D
 Acq: 19 Oct 2015 17:26

Tgt Ion:240 Resp: 367760
 Ion Ratio Lower Upper
 240 100
 120 7.4 8.1 12.1#
 236 25.3 21.3 31.9

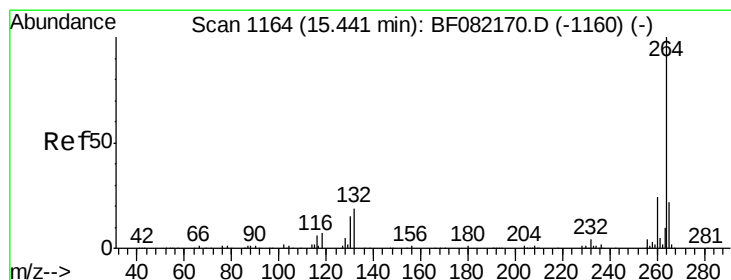
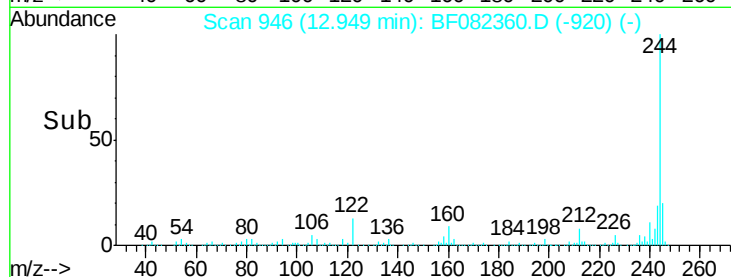
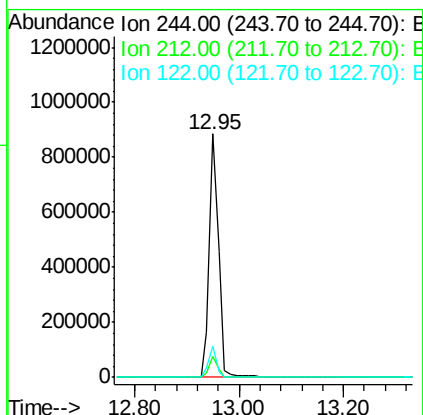
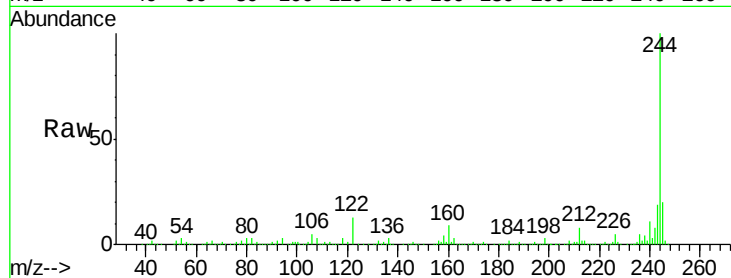




#78
 Terphenyl-d14
 Concen: 78.40 ng
 RT: 12.95 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF082360.D
 Acq: 19 Oct 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB86137TB

Tot Ion:244 Resp: 1088103
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.8 8.6
 122 13.0 5.9 8.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.69 min Scan# 1186
 Delta R.T. 0.02 min
 Lab File: BF082360.D
 Acq: 19 Oct 2015 17:26

Tgt Ion:264 Resp: 286297
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.1 17.3 25.9

