

Data File : BF093134.D
Acq On : 24 Feb 2017 6:58
Operator : SJ/MA
Sample : PB97124TB
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97124TB

Quant Time: Feb 24 07:25:49 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	150253	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	554042	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	226903	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	328589	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	299711	20.00	ng	-0.02
86) Perylene-d12	15.43	264	237216	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1230775	140.53	ng	0.00
7) Phenol-d6	6.49	99	1544974	137.10	ng	0.00
23) Nitrobenzene-d5	7.41	82	907121	91.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	203782	124.17	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1438571	114.86	ng	-0.01
78) Terphenyl-d14	12.94	244	865473	67.85	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	121817	16.98	ng	# 80
25) Isophorone	7.41	82	664287	35.83	ng	# 65
50) 2,6-Dinitrotoluene	9.88	165	28562	8.65	ng	# 30
56) 2,4-Dinitrotoluene	9.88	165	28562	6.50	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.67	198	348	2.83	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	15821	4.61	ng	# 1

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

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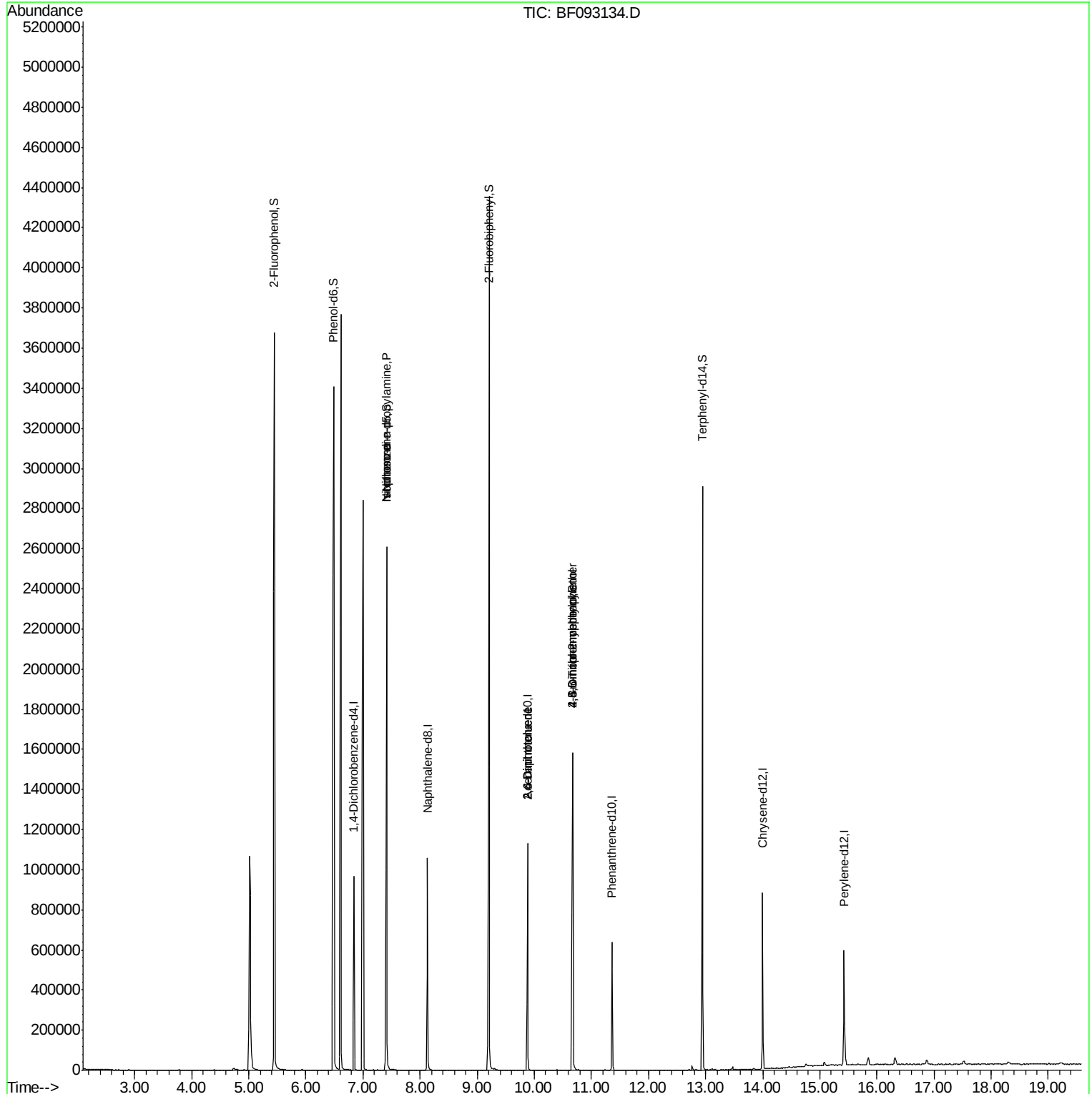
Quant Time: Feb 24 07:25:49 2017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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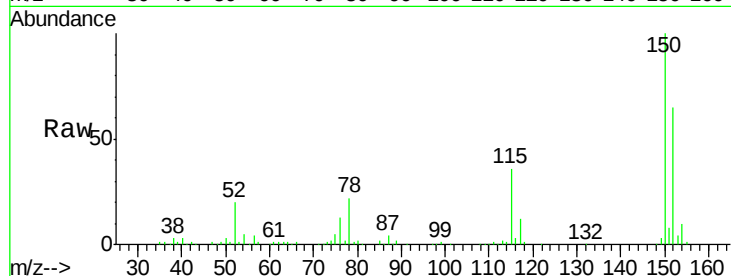




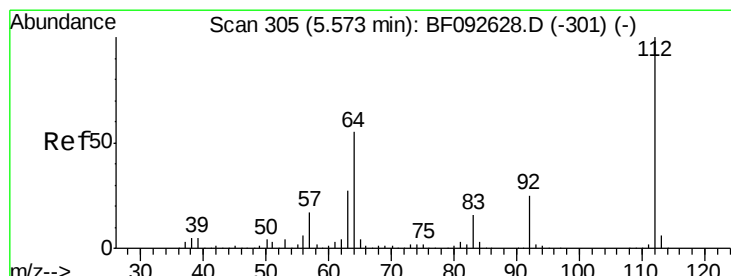
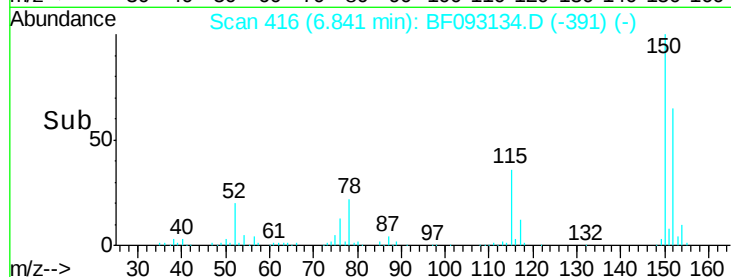
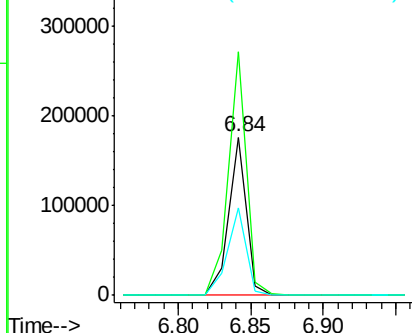
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BF093134.D
 Acq: 24 Feb 2017 6:58

Instrument :
 BNA_F
 ClientSampleId :
 PB97124TB

Tgt Ion:152 Resp: 150253
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.9 187.3
 115 55.7 46.0 69.0

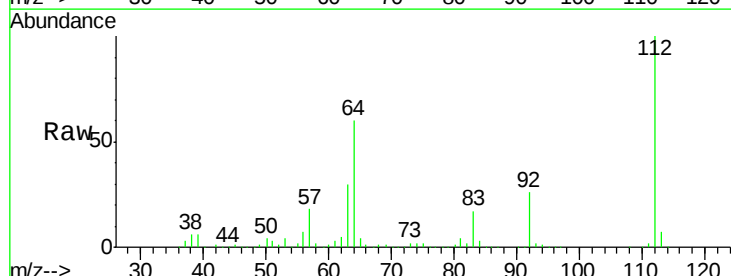


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

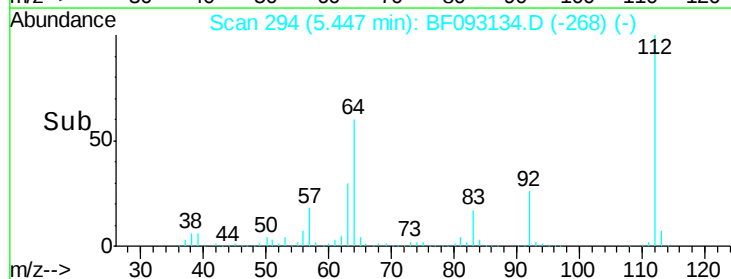
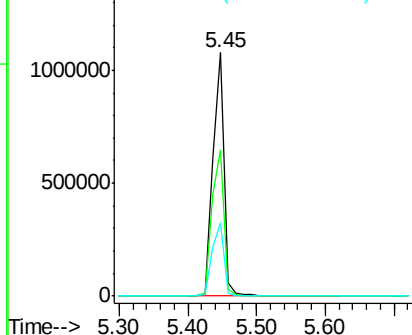


#5
 2-Fluorophenol
 Concen: 140.53 ng
 RT: 5.45 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: BF093134.D
 Acq: 24 Feb 2017 6:58

Tgt Ion:112 Resp: 1230775
 Ion Ratio Lower Upper
 112 100
 64 60.0 46.1 69.1
 63 30.3 23.8 35.6



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: 137.10 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093134.D

Acq: 24 Feb 2017 6:58

Instrument :

BNA_F

ClientSampleId :

PB97124TB

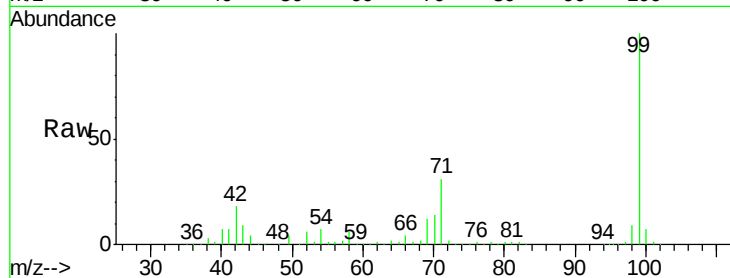
Tgt Ion: 99 Resp: 1544974

Ion Ratio Lower Upper

99 100

42 17.5 15.6 23.4

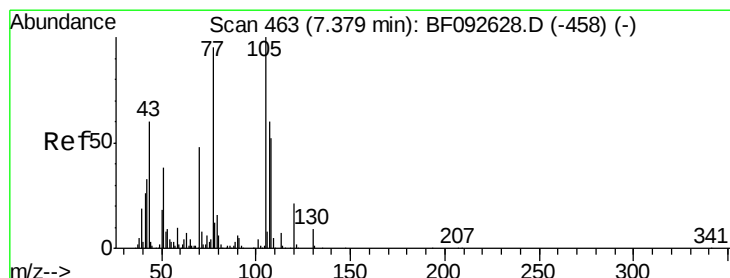
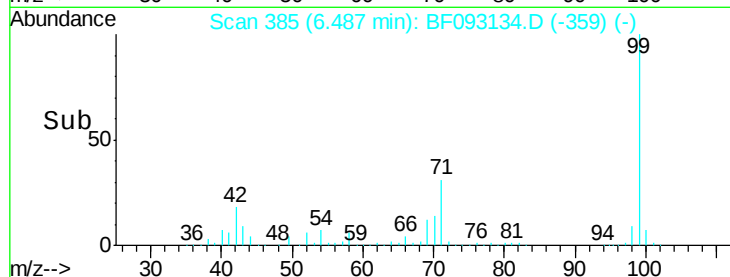
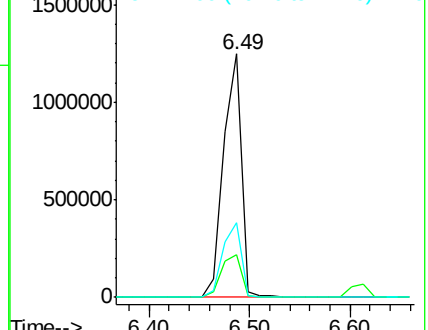
71 30.7 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.98 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF093134.D

Acq: 24 Feb 2017 6:58

Tgt Ion: 70 Resp: 121817

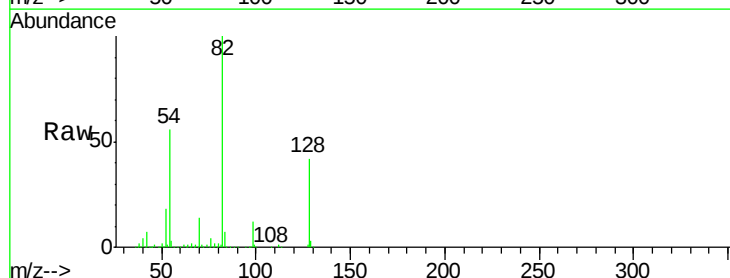
Ion Ratio Lower Upper

70 100

42 50.0 49.4 74.0

101 0.0 7.4 11.2#

130 2.5 14.2 21.4#

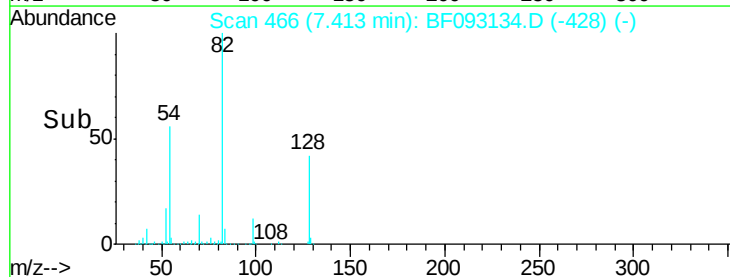
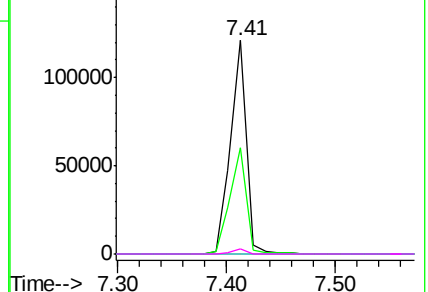


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

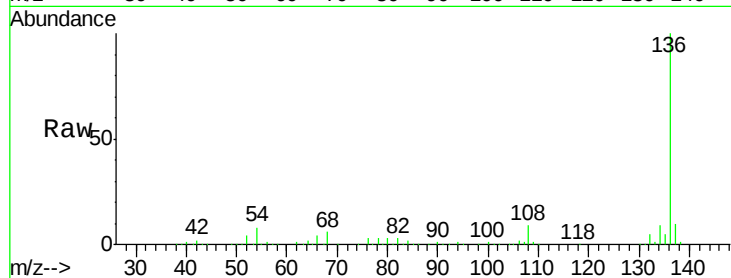




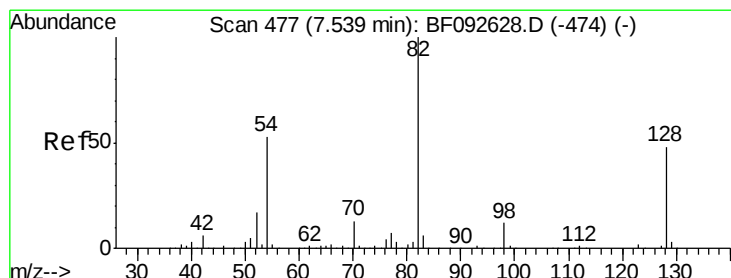
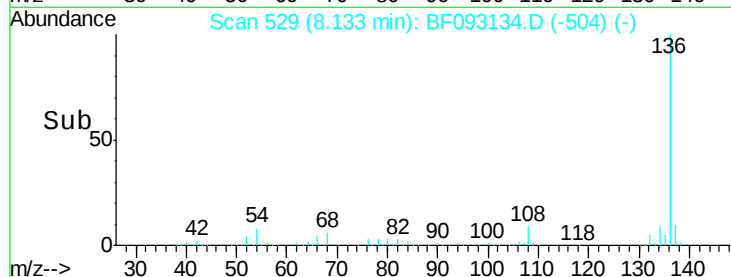
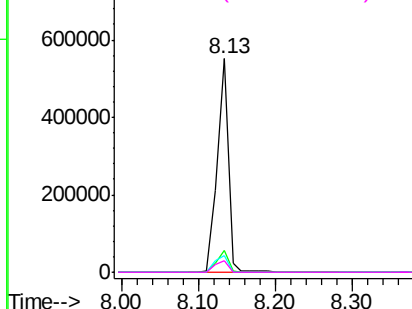
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093134.D
Acq: 24 Feb 2017 6:58

Instrument :
BNA_F
ClientSampleId :
PB97124TB

Tgt Ion:	136	Resp:	554042
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.6	4.5	6.7#
68	5.6	3.6	5.4#

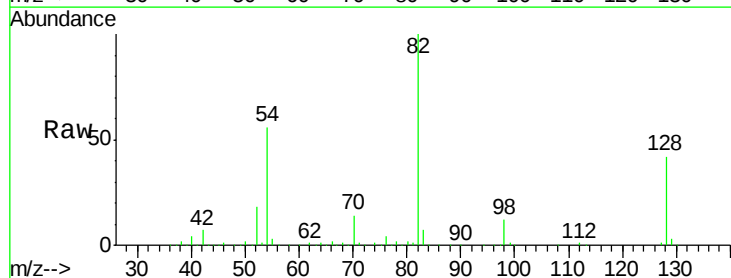


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

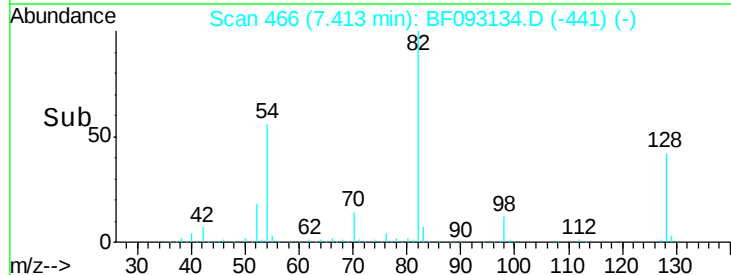
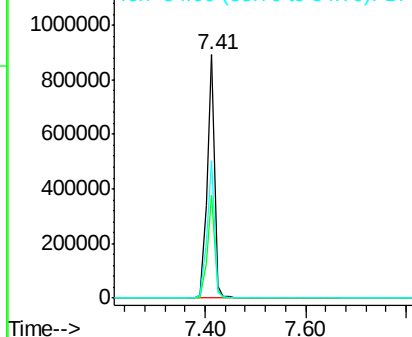


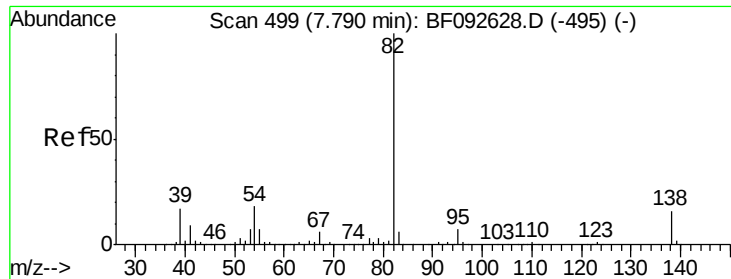
#23
Nitrobenzene-d5
Concen: 91.18 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093134.D
Acq: 24 Feb 2017 6:58

Tgt Ion:	82	Resp:	907121
Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	52.0
54	56.2	39.5	59.3



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





#25

Isophorone

Concen: 35.83 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.27 min

Lab File: BF093134.D

Acq: 24 Feb 2017 6:58

Instrument :

BNA_F

ClientSampleId :

PB97124TB

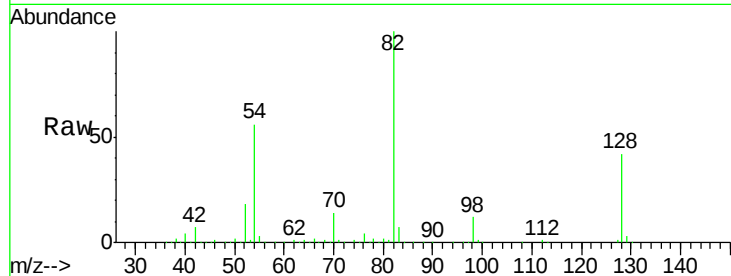
Tgt Ion: 82 Resp: 664287

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

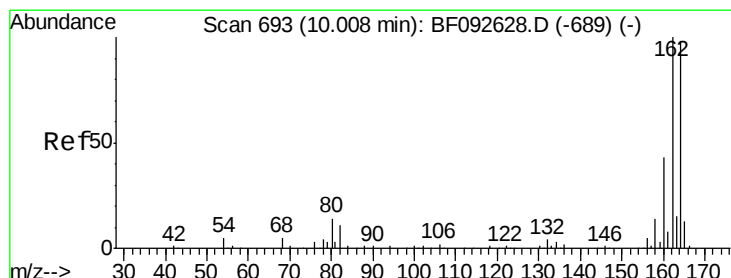
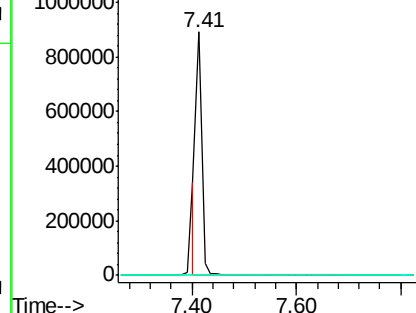
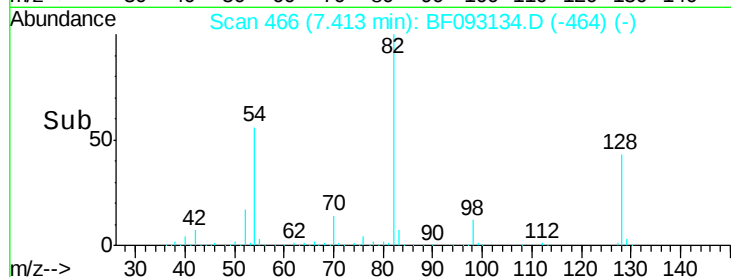
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF093134.D

Acq: 24 Feb 2017 6:58

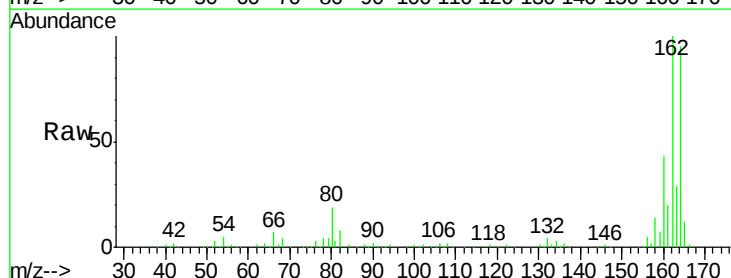
Tgt Ion: 164 Resp: 226903

Ion Ratio Lower Upper

164 100

162 105.7 80.2 120.2

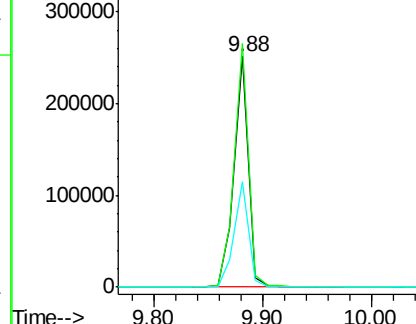
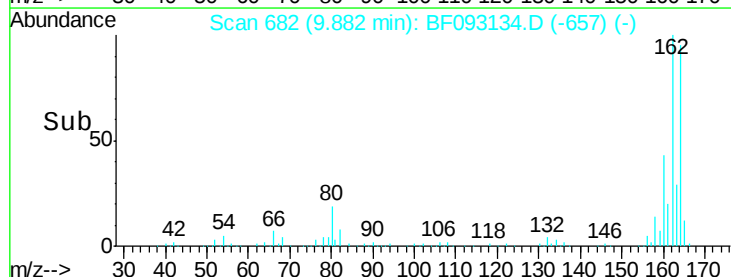
160 45.6 36.9 55.3



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

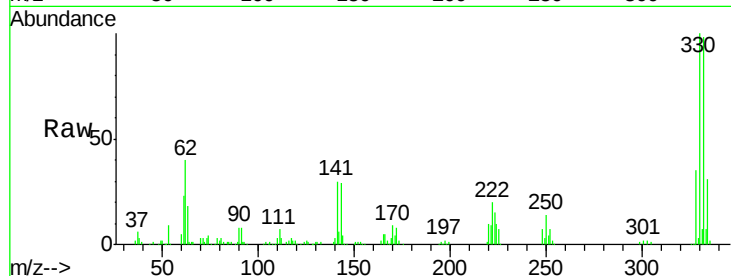




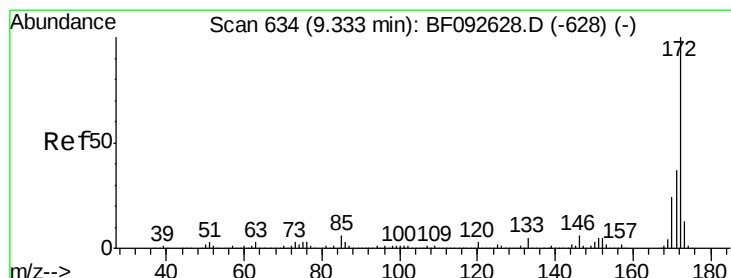
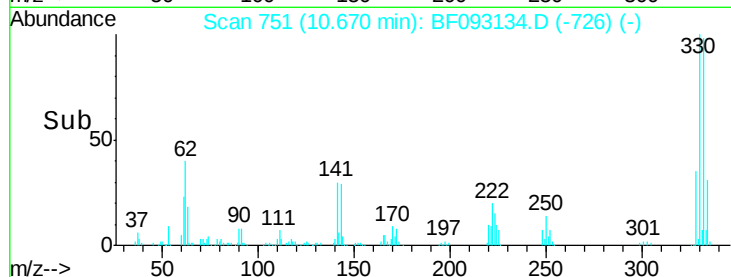
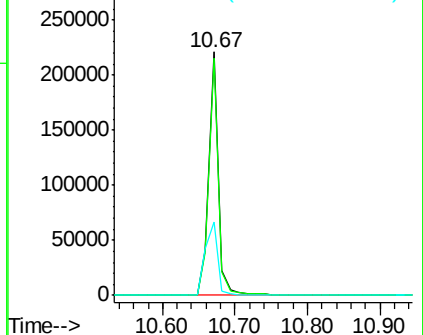
#41
 2,4,6-Tribromophenol
 Concen: 124.17 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093134.D
 Acq: 24 Feb 2017 6:58

Instrument :
 BNA_F
 ClientSampleId :
 PB97124TB

Tgt Ion:330 Resp: 203782
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 39.4 34.1 51.1

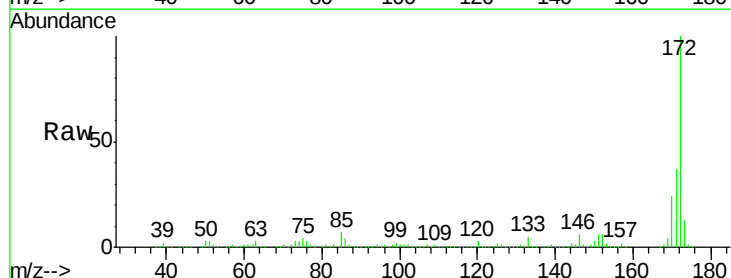


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

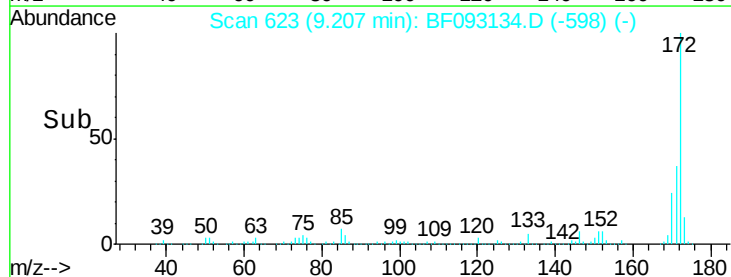
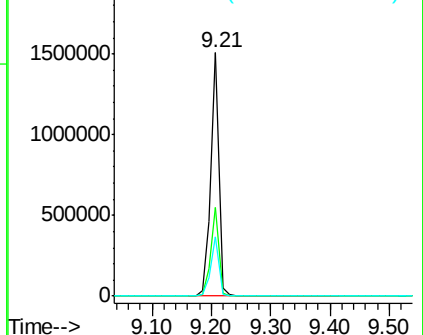


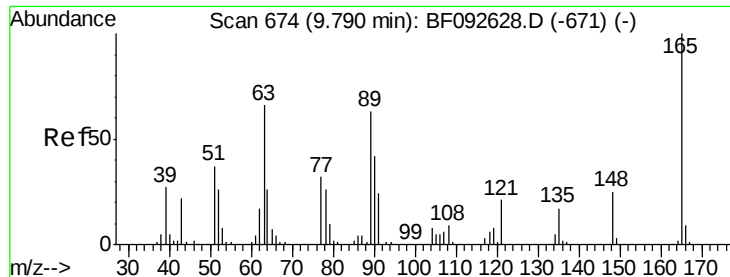
#44
 2-Fluorobiphenyl
 Concen: 114.86 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093134.D
 Acq: 24 Feb 2017 6:58

Tgt Ion:172 Resp: 1438571
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.3 20.2 30.4



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

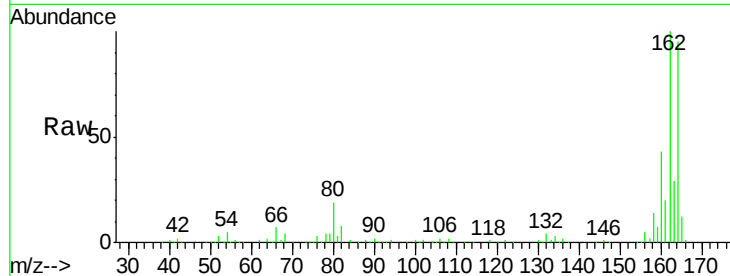




#50
 2,6-Dinitrotoluene
 Concen: 8.65 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.19 min
 Lab File: BF093134.D
 Acq: 24 Feb 2017 6:58

Instrument :
 BNA_F
 ClientSampleId :
 PB97124TB

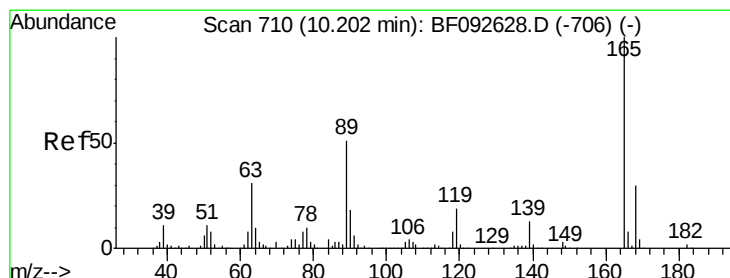
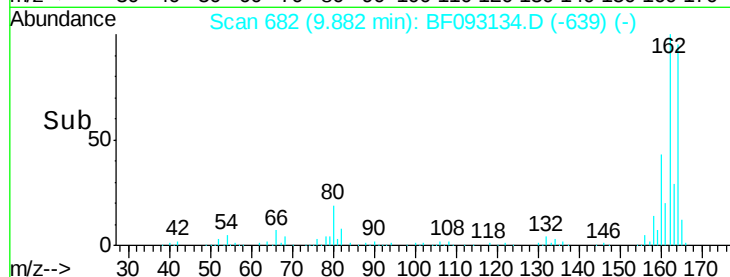
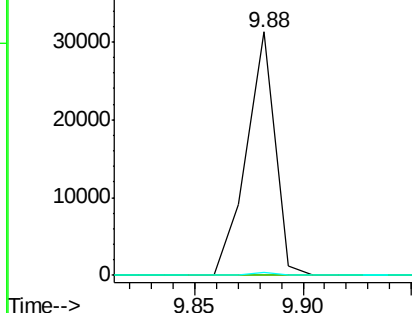
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	1.2	40.2	60.4#



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: 6.50 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.21 min
 Lab File: BF093134.D
 Acq: 24 Feb 2017 6:58

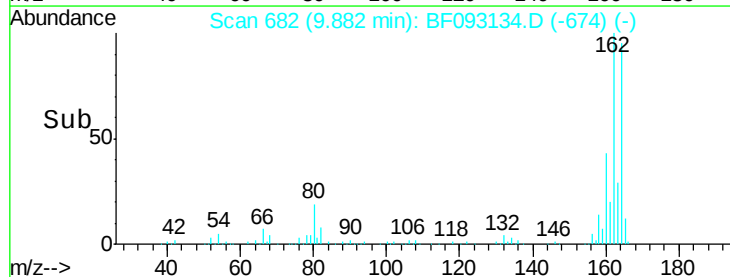
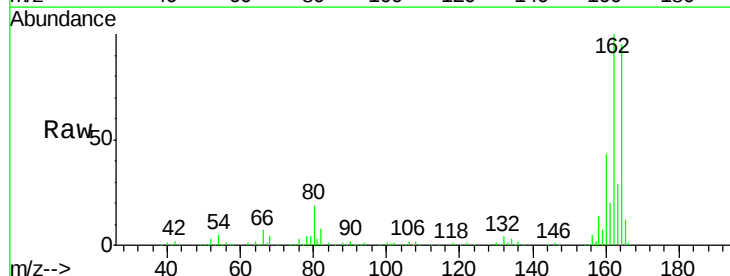
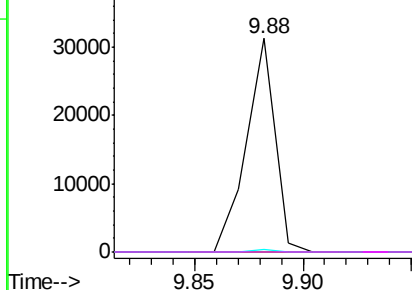
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	1.2	62.5	93.7#
182	0.0	1.8	2.8#

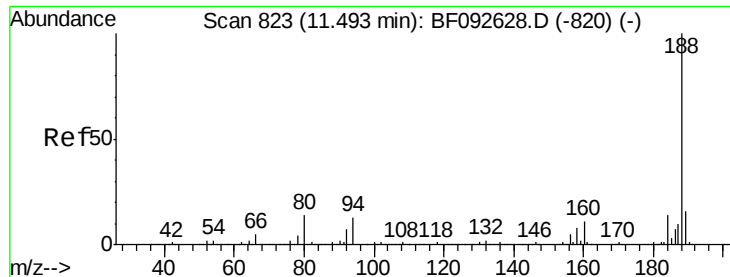
Abundance Ion 165.00 (164.70 to 165.70): E

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

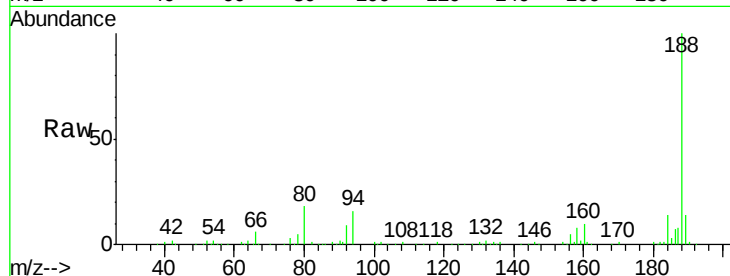




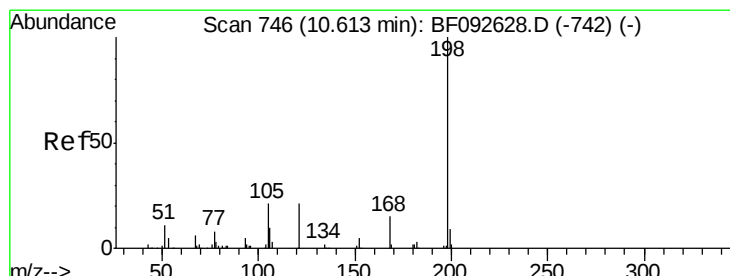
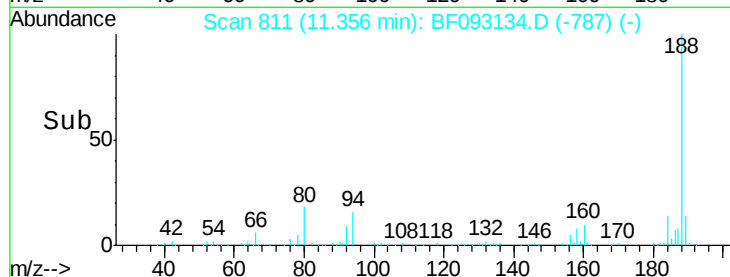
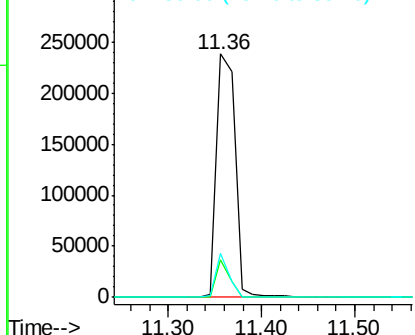
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF093134.D
 Acq: 24 Feb 2017 6:58

Instrument :
 BNA_F
 ClientSampleId :
 PB97124TB

Tgt Ion:188 Resp: 328589
 Ion Ratio Lower Upper
 188 100
 94 15.5 10.0 15.0#
 80 18.1 11.2 16.8#

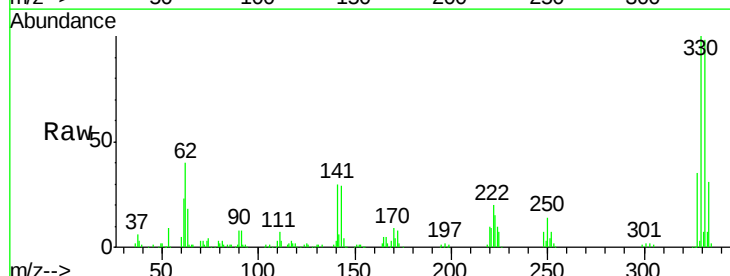


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

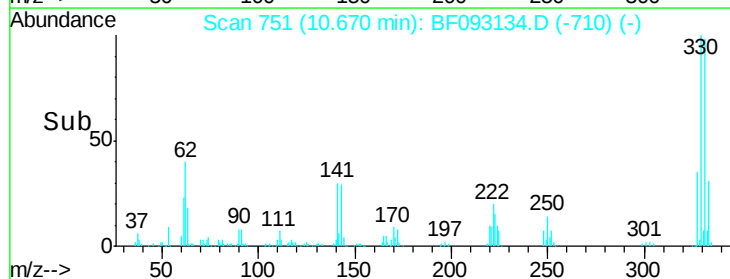
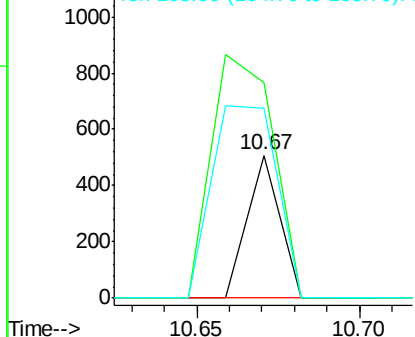


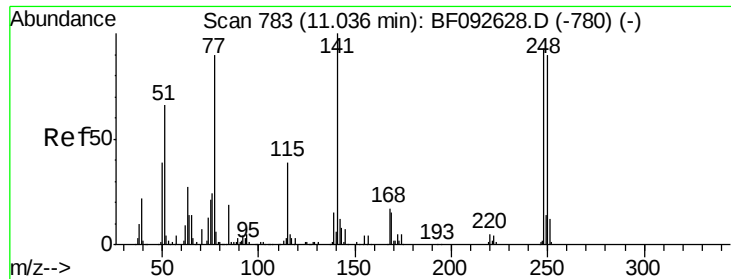
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.83 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.17 min
 Lab File: BF093134.D
 Acq: 24 Feb 2017 6:58

Tgt Ion:198 Resp: 348
 Ion Ratio Lower Upper
 198 100
 51 151.3 6.7 46.7#
 105 132.9 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

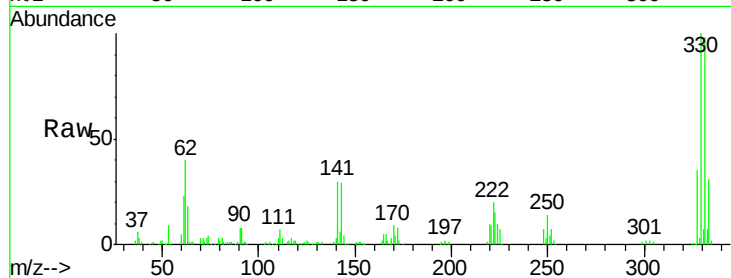




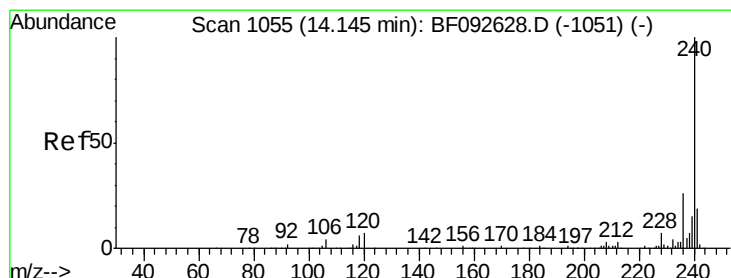
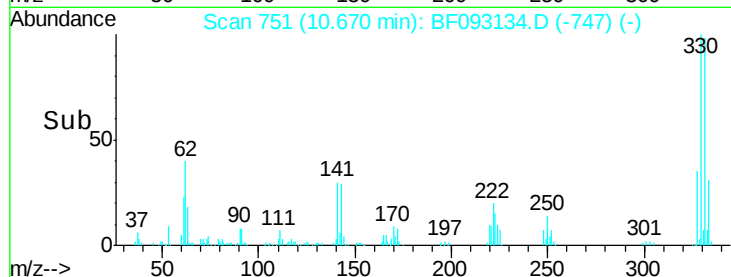
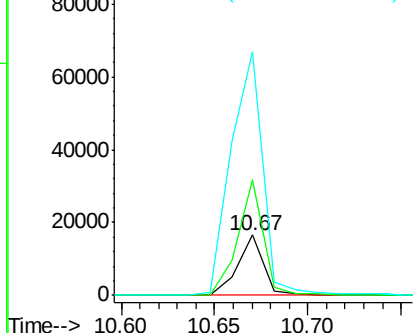
#66
 4-Bromophenyl-phenylether
 Concen: 4.61 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF093134.D
 Acq: 24 Feb 2017 6:58

Instrument :
 BNA_F
 ClientSampleId :
 PB97124TB

Tgt Ion:248 Resp: 15821
 Ion Ratio Lower Upper
 248 100
 250 193.2 76.9 115.3#
 141 405.4 68.2 102.4#

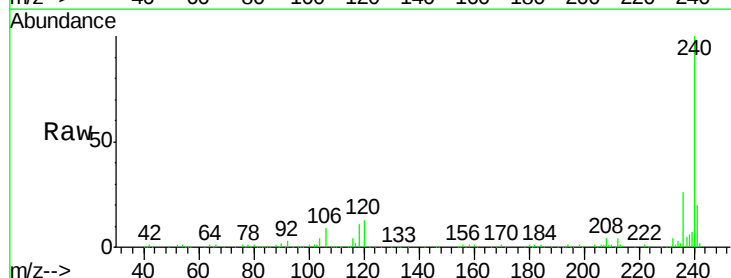


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

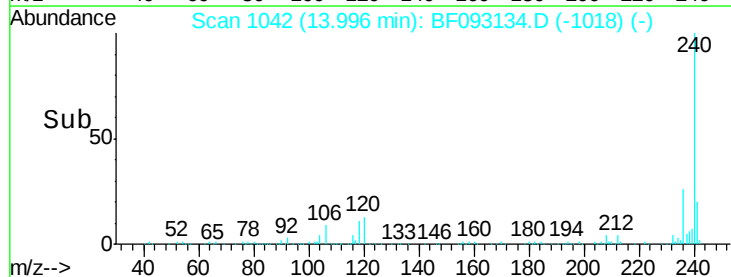
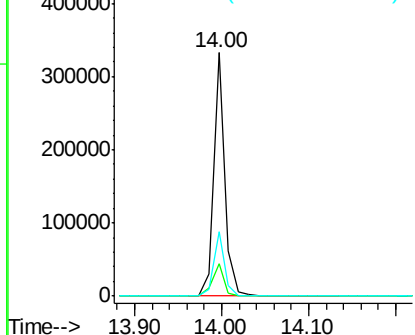


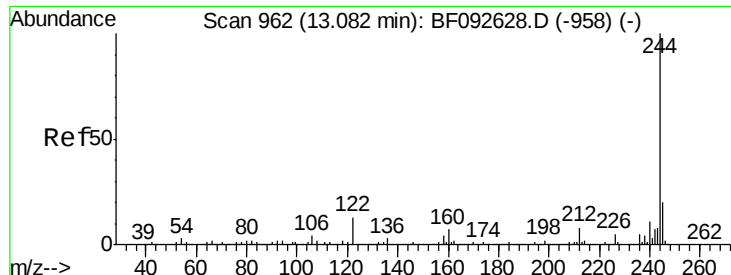
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF093134.D
 Acq: 24 Feb 2017 6:58

Tgt Ion:240 Resp: 299711
 Ion Ratio Lower Upper
 240 100
 120 13.2 12.9 19.3
 236 26.4 20.9 31.3



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

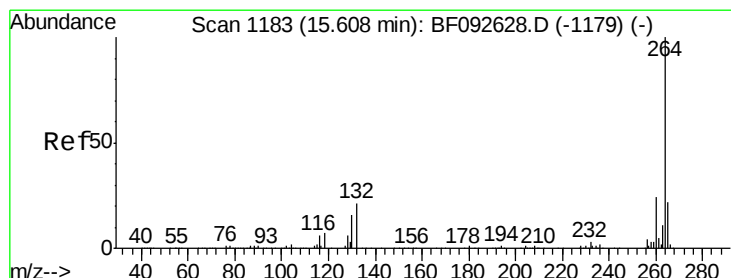
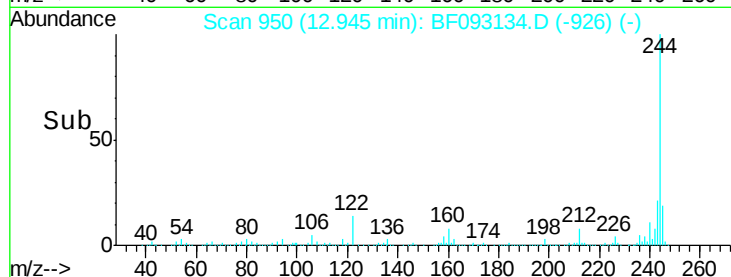
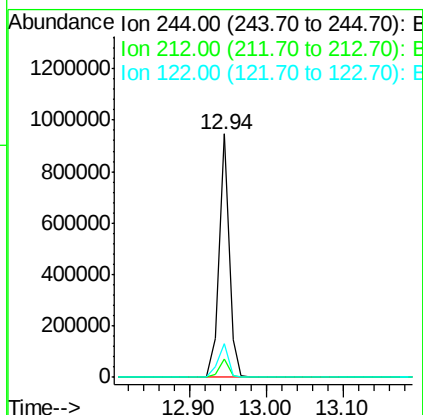
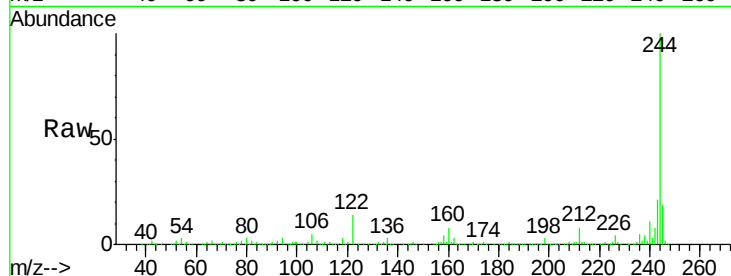




#78
 Terphenyl-d14
 Concen: 67.85 ng
 RT: 12.94 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF093134.D
 Acq: 24 Feb 2017 6:58

Instrument :
 BNA_F
 ClientSampleId :
 PB97124TB

Tgt Ion:244 Resp: 865473
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 14.1 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.02 min
 Lab File: BF093134.D
 Acq: 24 Feb 2017 6:58

Tgt Ion:264 Resp: 237216
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 22.1 17.4 26.0

