

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093335.D
 Acq On : 2 Mar 2017 21:55
 Operator : SJ/MA
 Sample : PB97297BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97297BL

Quant Time: Mar 03 00:18:01 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	6.80	152	150681	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	631787	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	301038	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	552616	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	492374	20.00	ng	-0.05
86) Perylene-d12	15.39	264	362088	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1175995	133.90	ng	-0.06
7) Phenol-d6	6.44	99	1365357	120.82	ng	-0.05
23) Nitrobenzene-d5	7.37	82	968459	85.36	ng	-0.06
41) 2,4,6-Tribromophenol	10.65	330	289732	133.07	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1633449	98.30	ng	-0.05
78) Terphenyl-d14	12.92	244	1349829	64.42	ng	-0.05

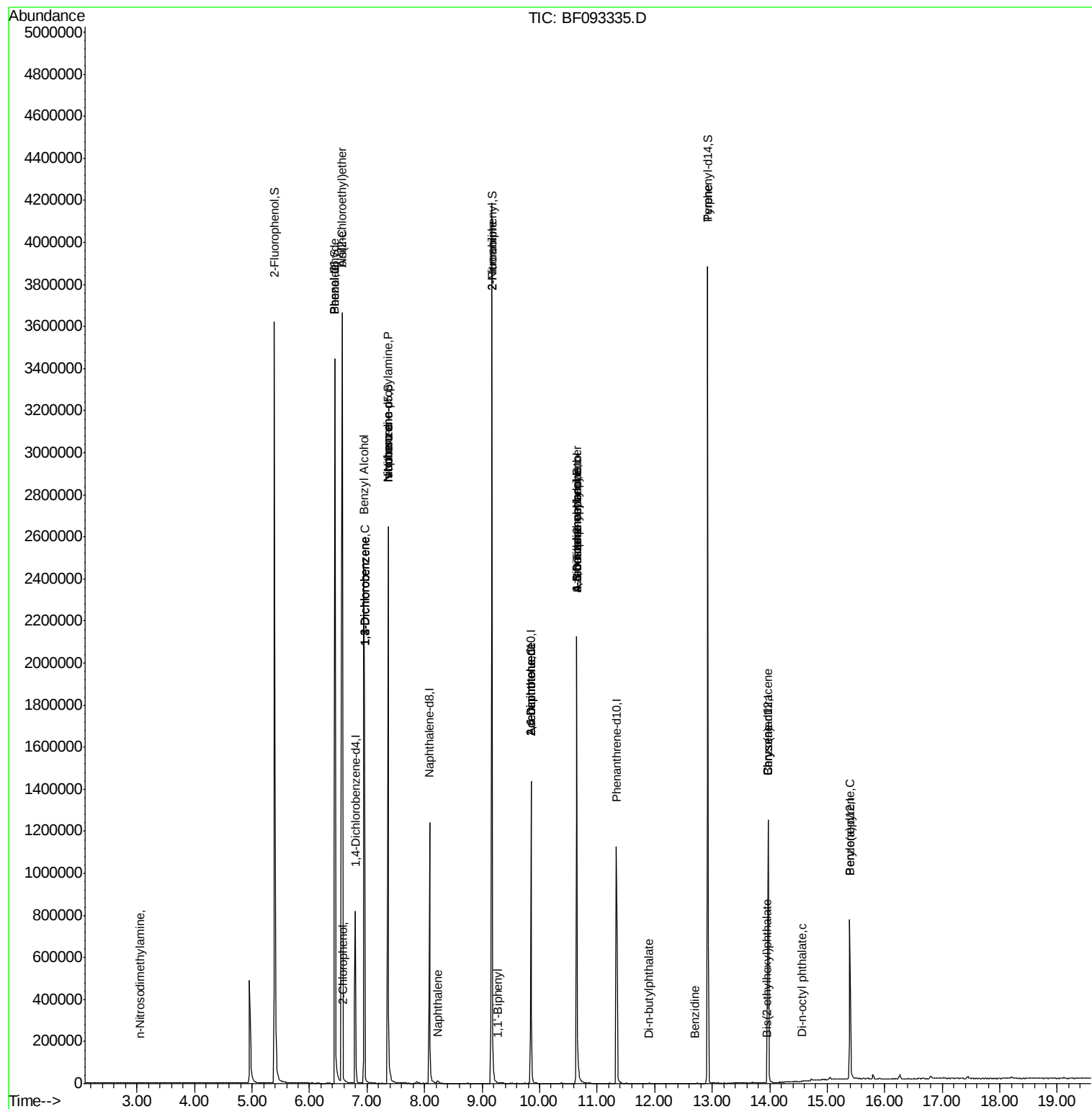
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.05	42	206	0.04	ng	# 1
6) Aniline	6.57	93	1546	0.10	ng	# 1
8) 2-Chlorophenol	6.58	128	1007	0.10	ng	# 1
9) Benzaldehyde	6.44	77	1728	0.21	ng	# 1
10) Phenol	6.44	94	242	0.02	ng	# 1
11) bis(2-Chloroethyl)ether	6.57	93	1546	0.15	ng	# 1
12) 1,3-Dichlorobenzene	6.96	146	466	0.04	ng	# 1
13) 1,4-Dichlorobenzene	6.96	146	466	0.04	ng	# 1
14) 1,2-Dichlorobenzene	6.96	146	466	0.04	ng	# 1
15) Benzyl Alcohol	6.94	79	13592	1.62	ng	# 42
19) n-Nitroso-di-n-propylamine	7.37	70	126981	17.65	ng	# 81
24) Nitrobenzene	7.37	77	2538	0.22	ng	# 33
25) Isophorone	7.37	82	744561	35.22	ng	# 65
31) Naphthalene	8.24	128	545	0.02	ng	# 1
45) 1,1'-Biphenyl	9.28	154	473	0.02	ng	# 42
47) 2-Nitroaniline	9.17	65	2815	0.49	ng	# 12
50) 2,6-Dinitrotoluene	9.85	165	37455	8.55	ng	# 31
51) Acenaphthene	9.85	154	910	0.05	ng	# 5
56) 2,4-Dinitrotoluene	9.85	165	37449	6.42	ng	# 20
62) Azobenzene	10.65	77	1402	0.07	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.65	198	641	2.85	ng	# 1
65) n-Nitrosodiphenylamine	10.65	169	11152	0.63	ng	# 46
66) 4-Bromophenyl-phenylether	10.65	248	22110	3.83	ng	# 1
73) Di-n-butylphthalate	11.90	149	920	0.03	ng	# 76
76) Benzidine	12.69	184	2396	0.11	ng	# 65
77) Pyrene	12.92	202	4652	0.13	ng	# 65
80) Benzo(a)anthracene	13.97	228	1943	0.06	ng	# 50
82) Chrysene	13.97	228	1943	0.07	ng	# 48
83) Bis(2-ethylhexyl)phthalate	13.95	149	628	0.03	ng	# 53
84) Di-n-octyl phthalate	14.56	149	252	0.01	ng	# 74
89) Benzo(a)pyrene	15.39	252	1066	0.05	ng	# 46

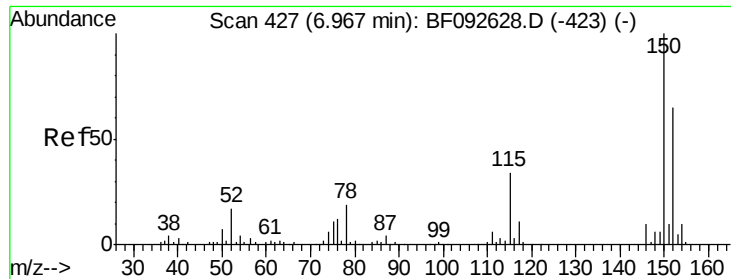
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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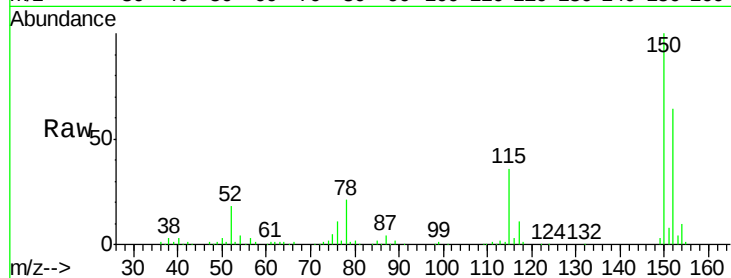




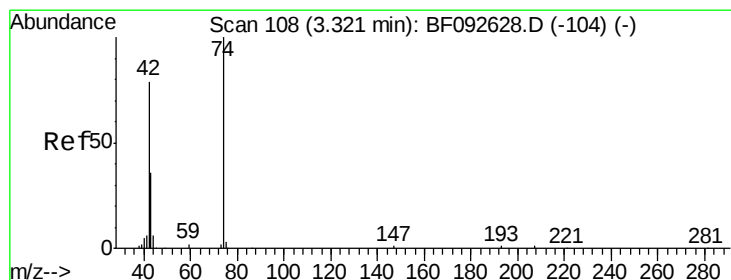
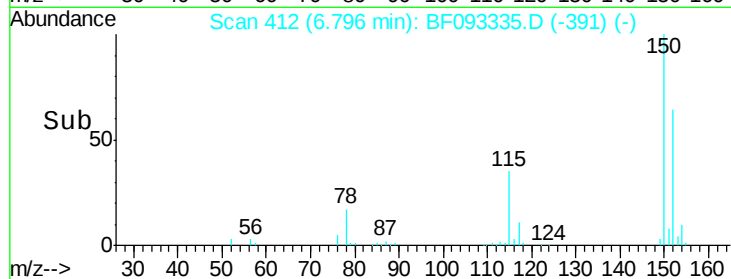
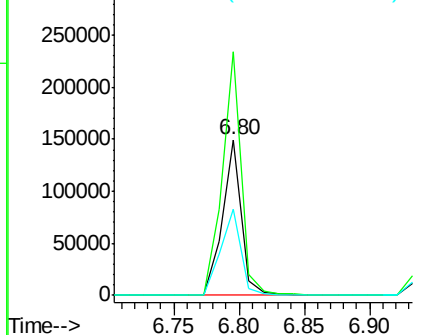
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.06 min
 Lab File: BF093335.D
 Acq: 2 Mar 2017 21:55

Instrument :
 BNA_F
 ClientSampleId :
 PB97297BL

Tgt Ion:152 Resp: 150681
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.9 187.3
 115 55.9 46.0 69.0

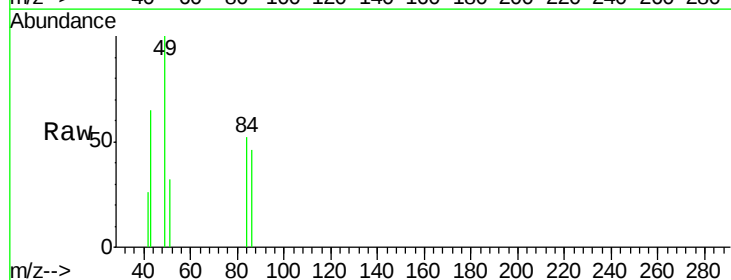


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

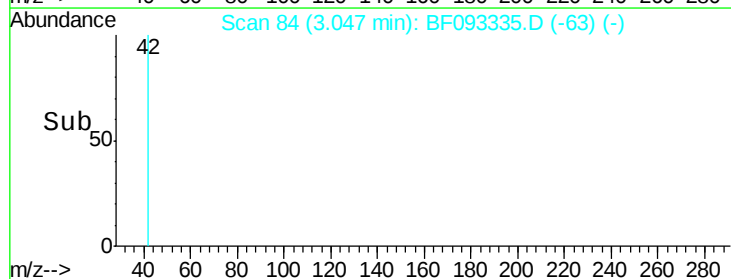
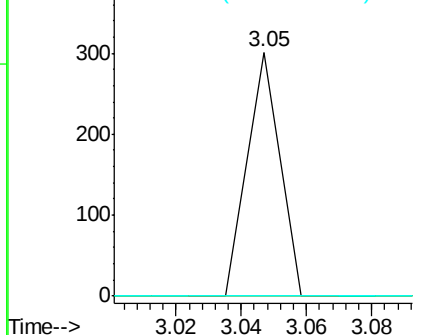


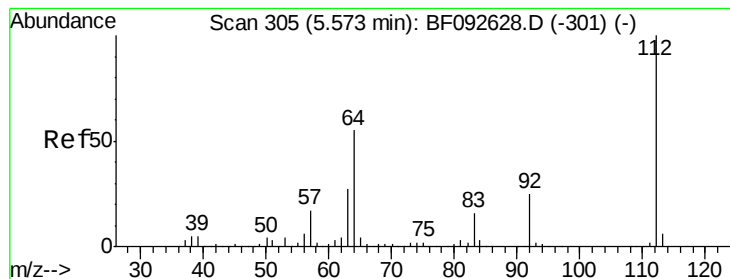
#4
 n-Nitrosodimethylamine
 Concen: 0.04 ng
 RT: 3.05 min Scan# 84
 Delta R.T. -0.06 min
 Lab File: BF093335.D
 Acq: 2 Mar 2017 21:55

Tgt Ion: 42 Resp: 206
 Ion Ratio Lower Upper
 42 100
 74 0.0 117.0 175.4#
 44 0.0 5.5 8.3#



Abundance Ion 42.00 (41.70 to 42.70): BF0
 Ion 74.00 (73.70 to 74.70): BF0
 Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 133.90 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF093335.D

Acq: 2 Mar 2017 21:55

Instrument :

BNA_F

ClientSampleId :

PB97297BL

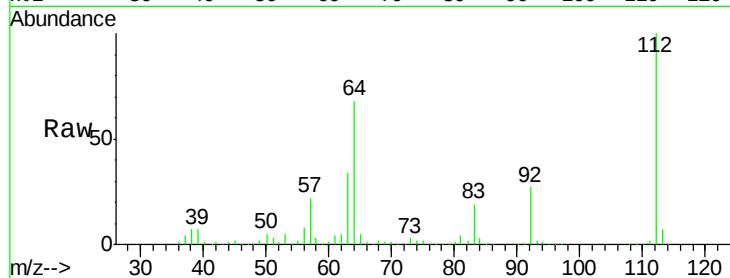
Tgt Ion: 112 Resp: 1175995

Ion Ratio Lower Upper

112 100

64 68.5 46.1 69.1

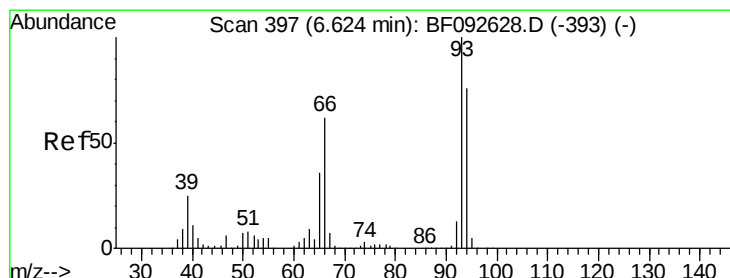
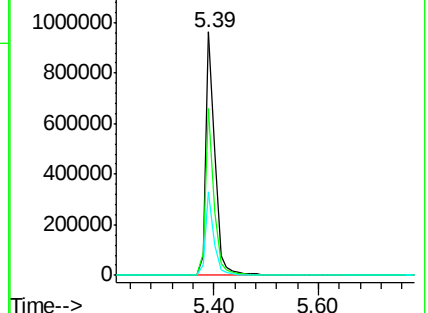
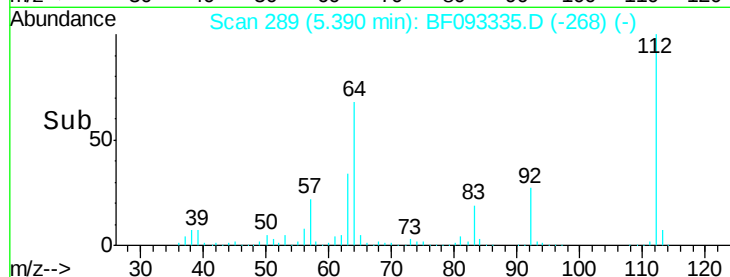
63 34.3 23.8 35.6



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



#6

Aniline

Concen: 0.10 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.06 min

Lab File: BF093335.D

Acq: 2 Mar 2017 21:55

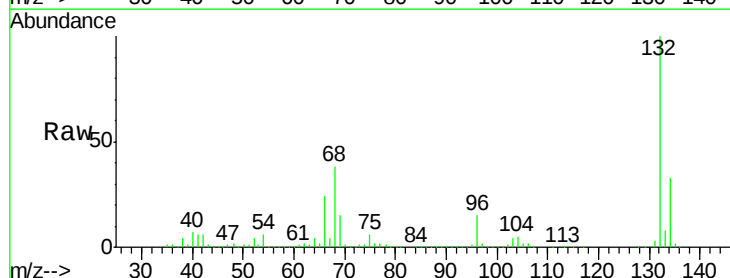
Tgt Ion: 93 Resp: 1546

Ion Ratio Lower Upper

93 100

66 19457.7 76.2 114.2#

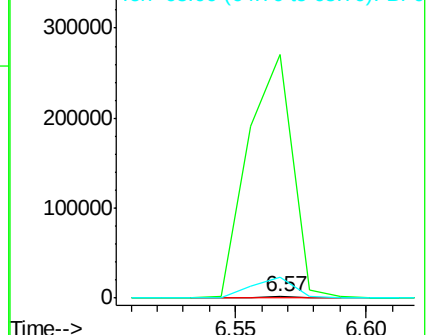
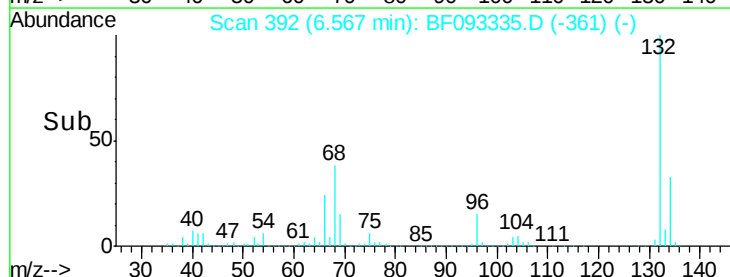
65 1623.0 49.3 73.9#

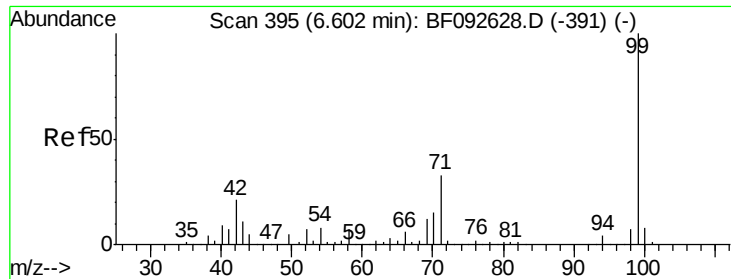


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.82 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF093335.D

Acq: 2 Mar 2017 21:55

Instrument :

BNA_F

ClientSampleId :

PB97297BL

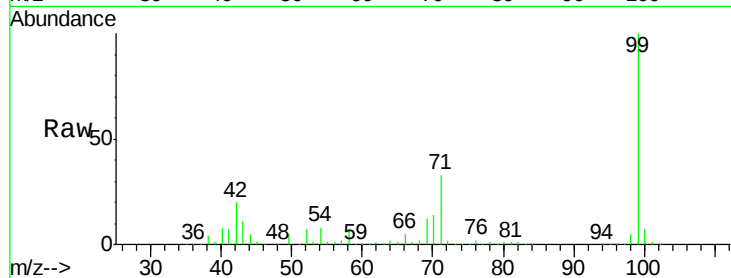
Tgt Ion: 99 Resp: 1365357

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

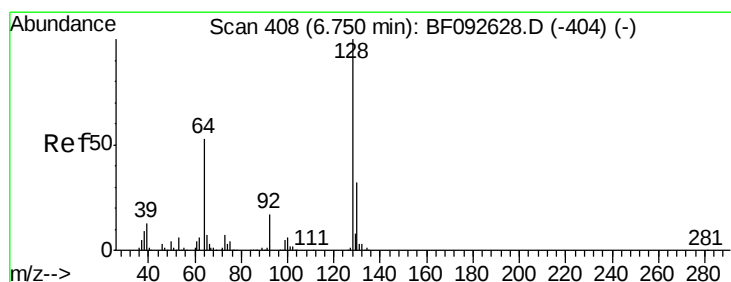
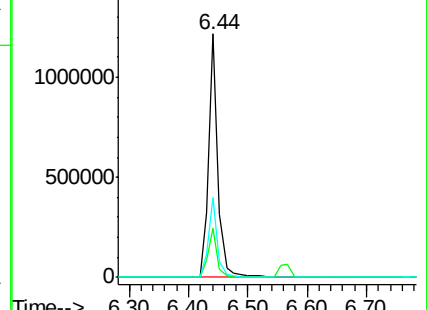
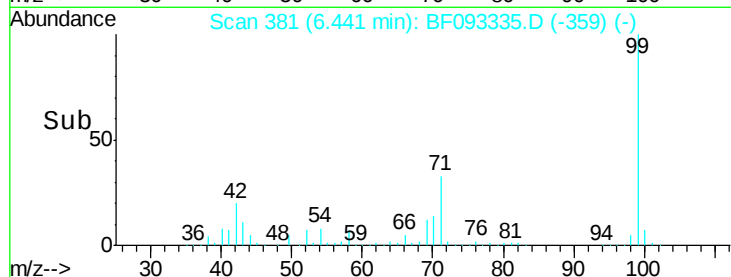
71 33.0 27.5 41.3



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



#8

2-Chlorophenol

Concen: 0.10 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF093335.D

Acq: 2 Mar 2017 21:55

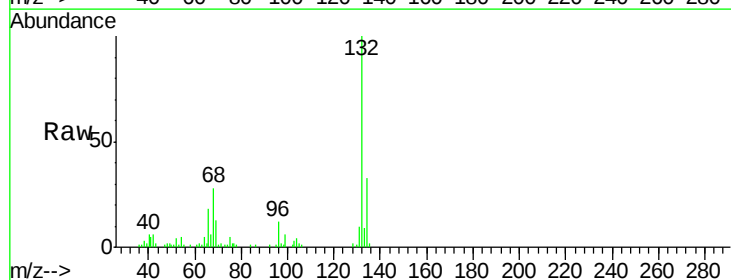
Tgt Ion: 128 Resp: 1007

Ion Ratio Lower Upper

128 100

130 60.9 12.3 52.3#

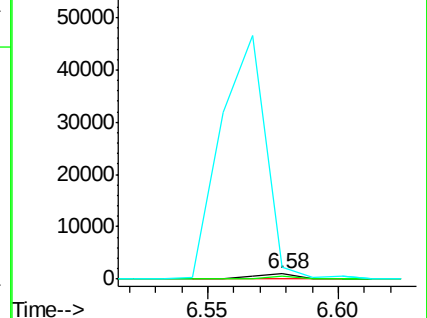
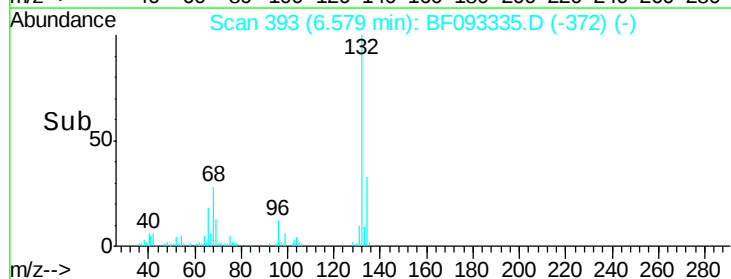
64 238.9 32.2 72.2#

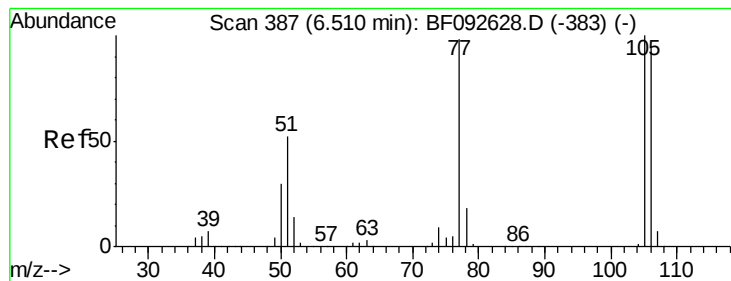


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 0.21 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.05 min

Lab File: BF093335.D

Acq: 2 Mar 2017 21:55

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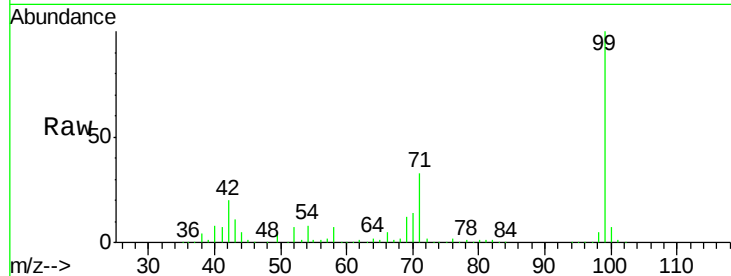
Tgt Ion: 77 Resp: 1728

Ion Ratio Lower Upper

77 100

105 0.0 83.9 123.9#

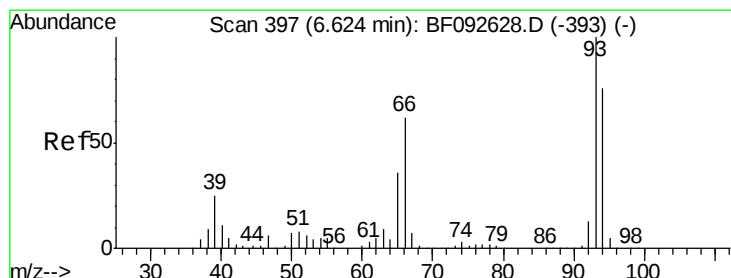
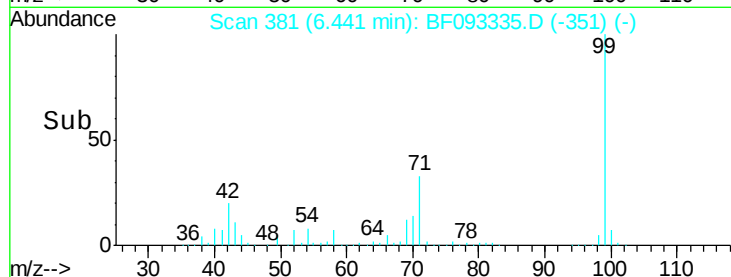
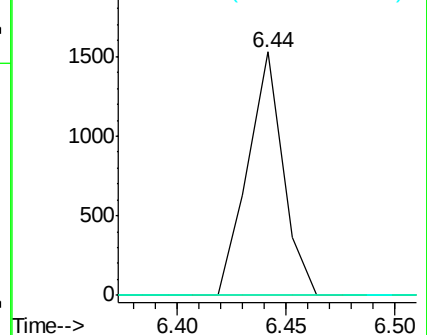
106 0.0 77.6 117.6#



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



#10

Phenol

Concen: 0.02 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.07 min

Lab File: BF093335.D

Acq: 2 Mar 2017 21:55

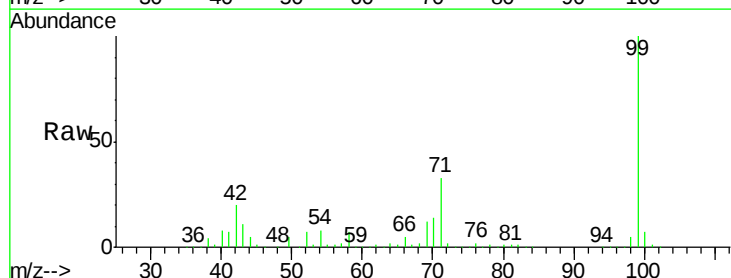
Tgt Ion: 94 Resp: 242

Ion Ratio Lower Upper

94 100

65 2869.4 21.4 61.4#

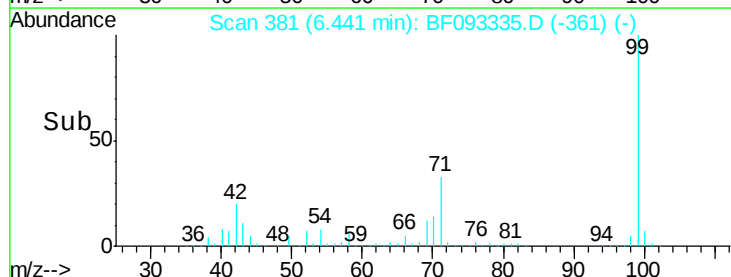
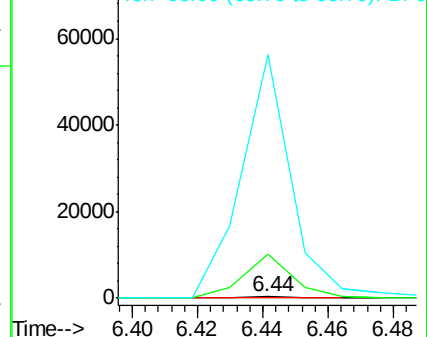
66 15941.1 44.0 84.0#

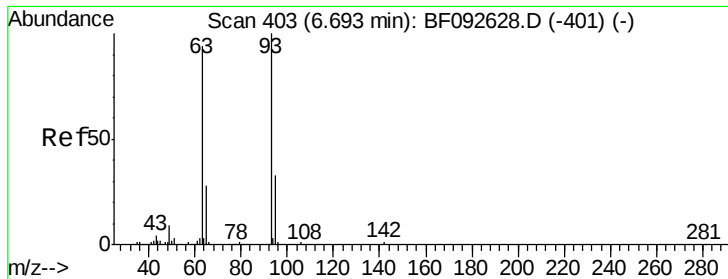


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

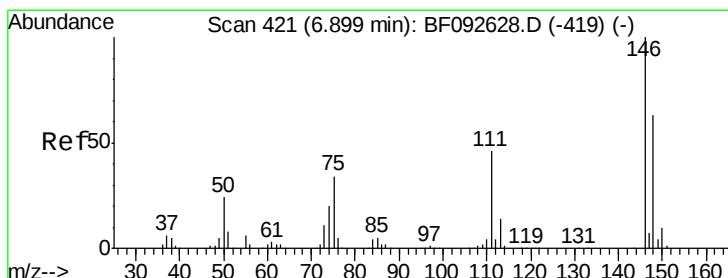
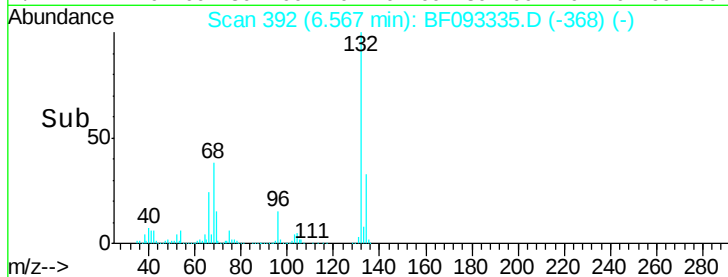
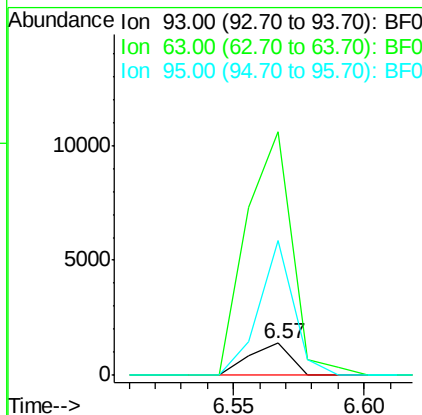
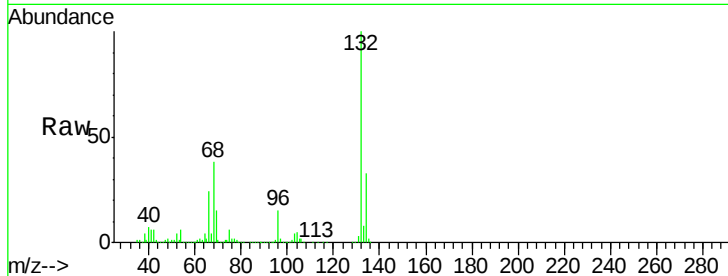




#11
 bis(2-Chloroethyl)ether
 Concen: 0.15 ng
 RT: 6.57 min Scan# 392
 Delta R.T. -0.02 min
 Lab File: BF093335.D
 Acq: 2 Mar 2017 21:55

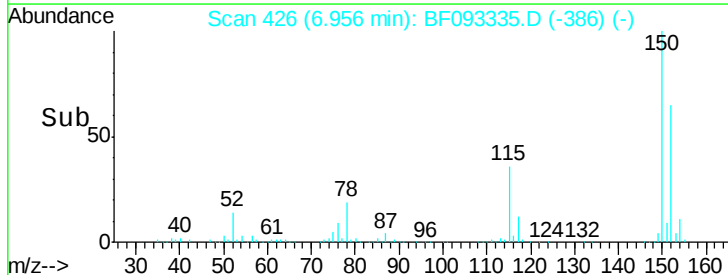
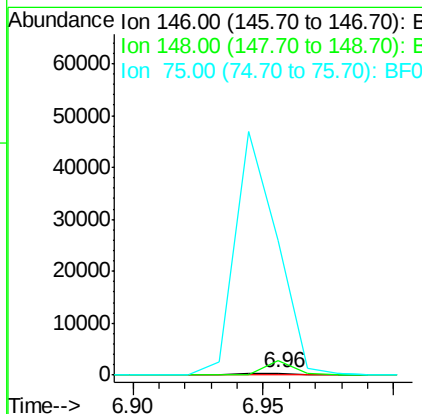
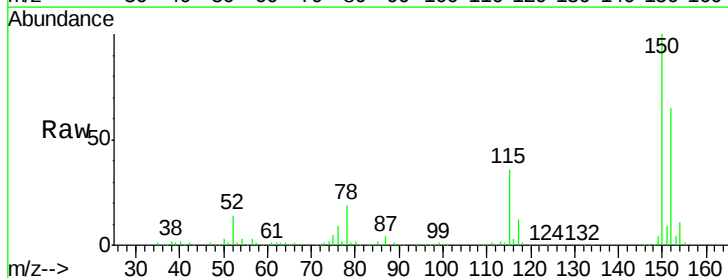
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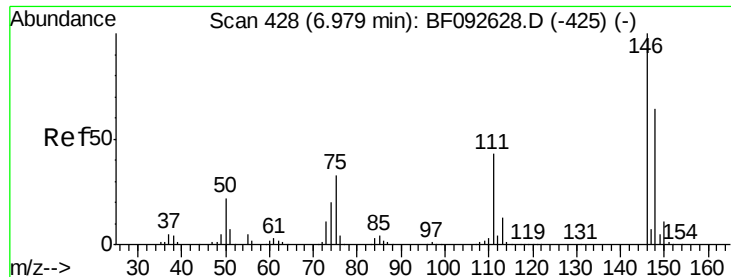
Tgt Ion: 93 Resp: 1546
 Ion Ratio Lower Upper
 93 100
 63 761.0 60.4 100.4#
 95 420.6 12.8 52.8#



#12
 1,3-Dichlorobenzene
 Concen: 0.04 ng
 RT: 6.96 min Scan# 426
 Delta R.T. 0.16 min
 Lab File: BF093335.D
 Acq: 2 Mar 2017 21:55

Tgt Ion: 146 Resp: 466
 Ion Ratio Lower Upper
 146 100
 148 759.8 53.4 80.0#
 75 7166.8 18.5 27.7#

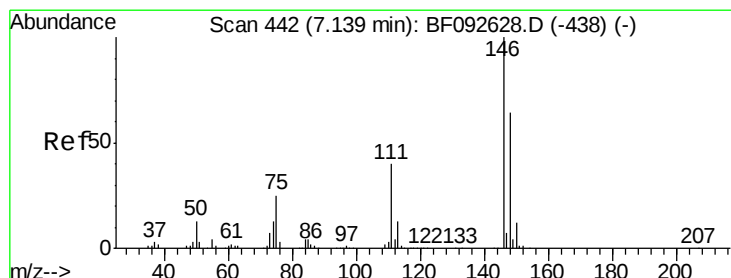
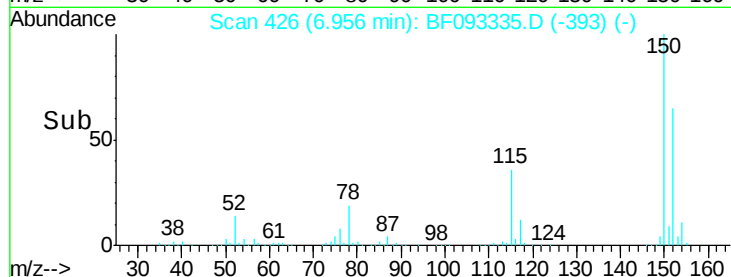
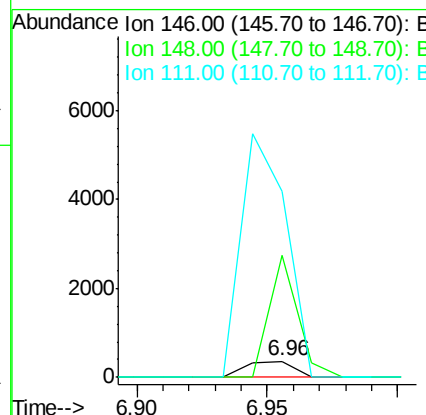
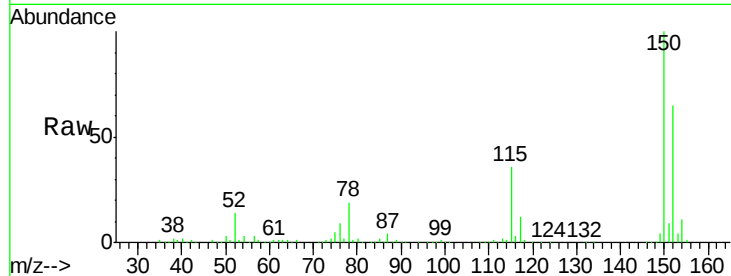




#13
 1,4-Dichlorobenzene
 Concen: 0.04 ng
 RT: 6.96 min Scan# 426
 Delta R.T. 0.08 min
 Lab File: BF093335.D
 Acq: 2 Mar 2017 21:55

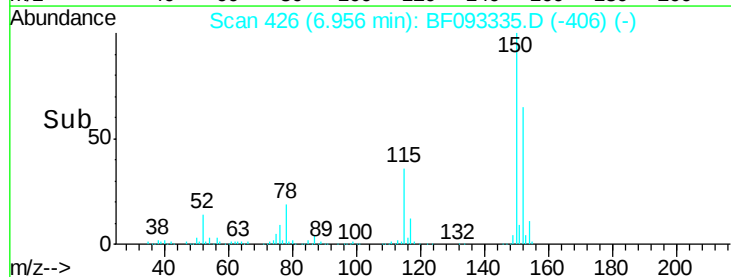
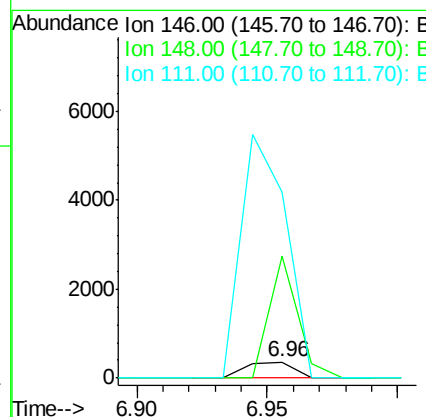
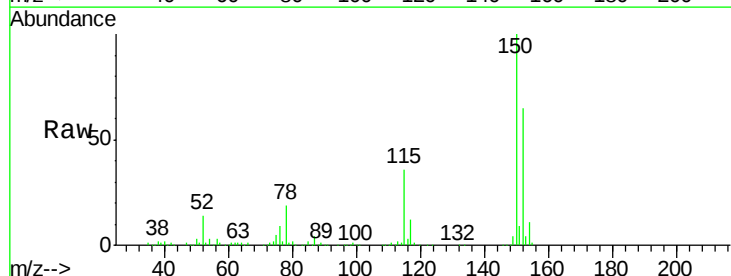
Instrument :
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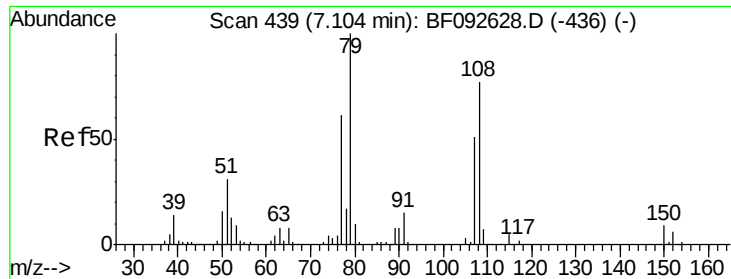
Tgt Ion:146 Resp: 466
 Ion Ratio Lower Upper
 146 100
 148 759.8 50.6 76.0#
 111 1160.7 36.2 54.4#



#14
 1,2-Dichlorobenzene
 Concen: 0.04 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.07 min
 Lab File: BF093335.D
 Acq: 2 Mar 2017 21:55

Tgt Ion:146 Resp: 466
 Ion Ratio Lower Upper
 146 100
 148 759.8 52.2 78.2#
 111 1160.7 36.2 54.2#





#15

Benzyl Alcohol

Concen: 1.62 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.06 min

Lab File: BF093335.D

Acq: 2 Mar 2017 21:55

Instrument :

BNA_F

ClientSampleId :

PB97297BL

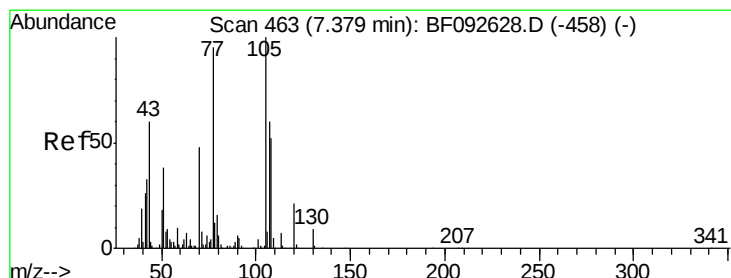
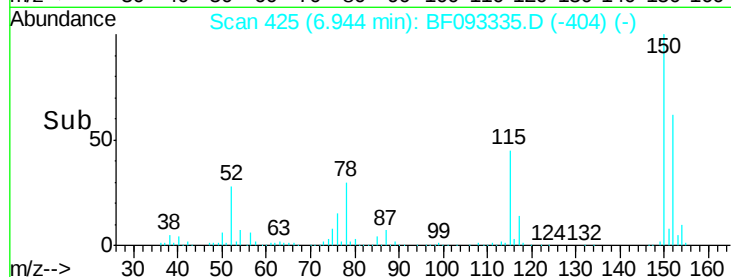
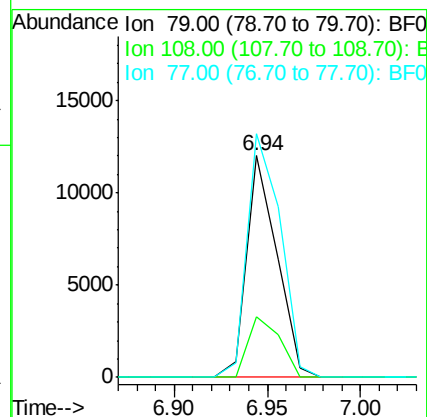
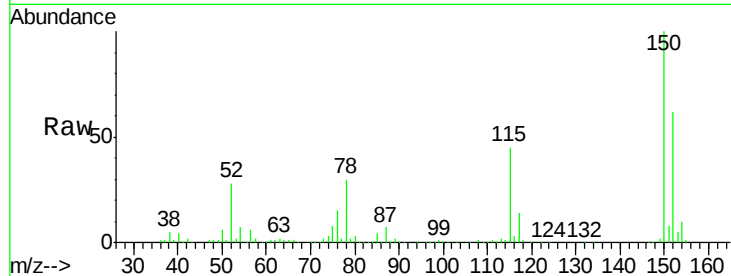
Tgt Ion: 79 Resp: 13592

Ion Ratio Lower Upper

79 100

108 27.6 61.4 92.0#

77 109.9 50.9 76.3#



#19

n-Nitroso-di-n-propylamine

Concen: 17.65 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.09 min

Lab File: BF093335.D

Acq: 2 Mar 2017 21:55

Tgt Ion: 70 Resp: 126981

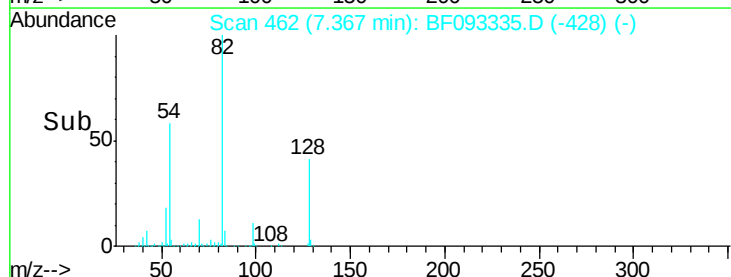
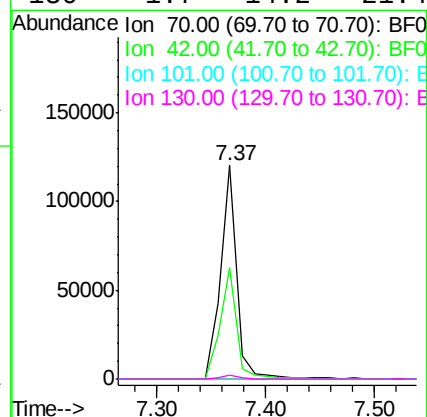
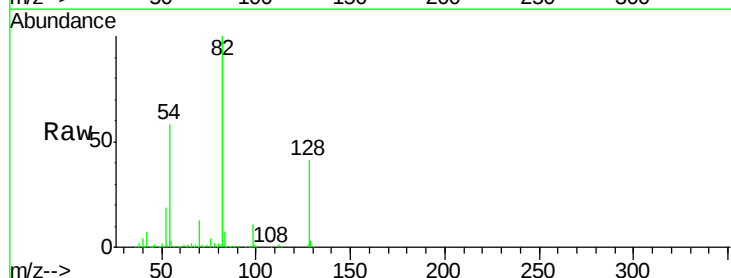
Ion Ratio Lower Upper

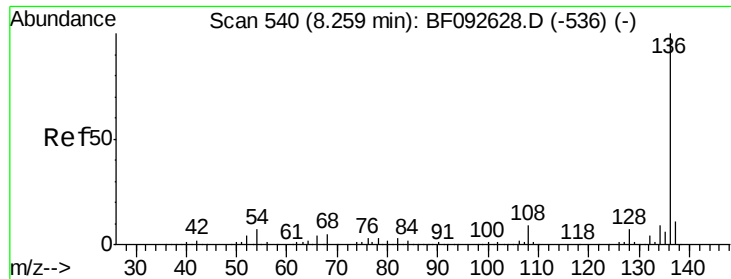
70 100

42 51.9 49.4 74.0

101 0.0 7.4 11.2#

130 1.7 14.2 21.4#

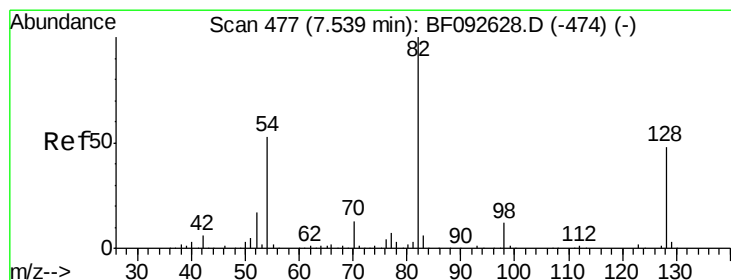
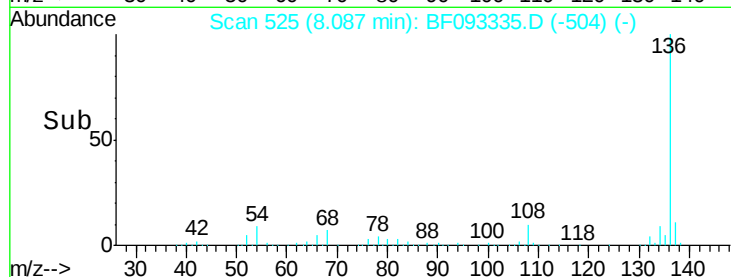
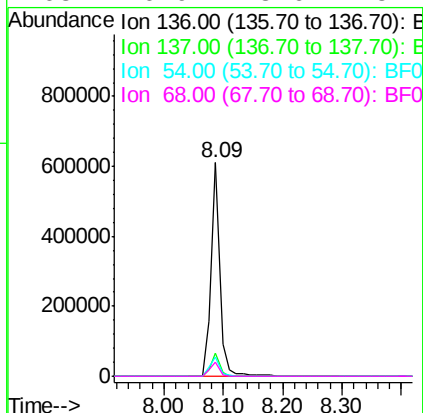
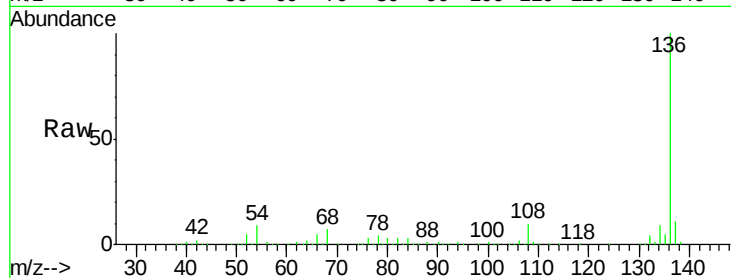




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093335.D
Acq: 2 Mar 2017 21:55

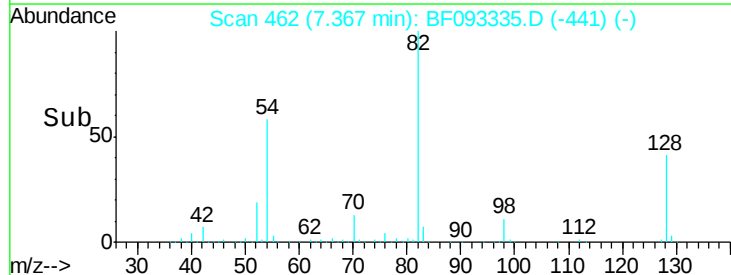
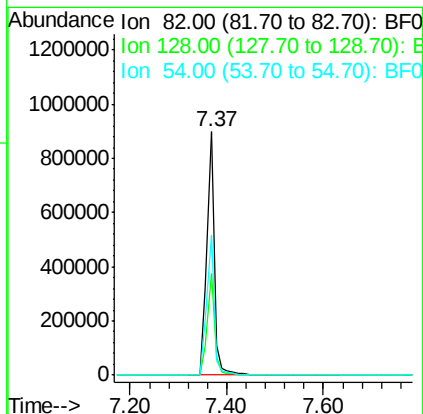
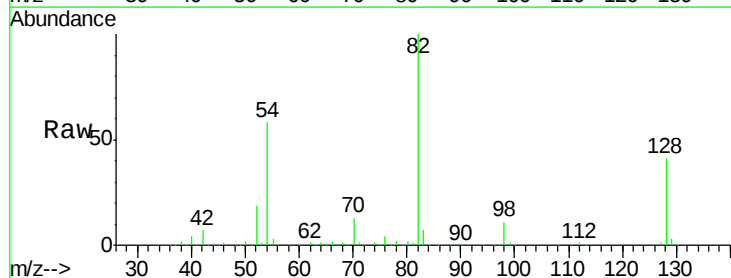
Instrument :
BNA_F
ClientSampleId :
PB97297BL

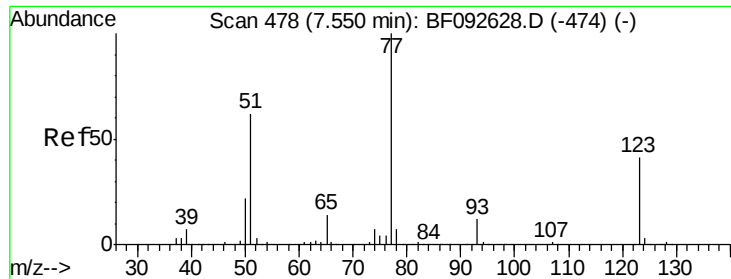
Tgt Ion:	136	Resp:	631787
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.3	4.5	6.7#
68	6.9	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 85.36 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF093335.D
Acq: 2 Mar 2017 21:55

Tgt Ion:	82	Resp:	968459
Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.6	52.0
54	57.7	39.5	59.3





#24

Nitrobenzene

Concen: 0.22 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.08 min

Lab File: BF093335.D

Acq: 2 Mar 2017 21:55

Instrument :

BNA_F

ClientSampleId :

PB97297BL

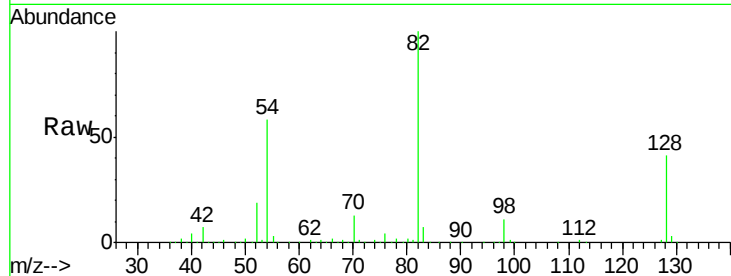
Tgt Ion: 77 Resp: 2538

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.4#

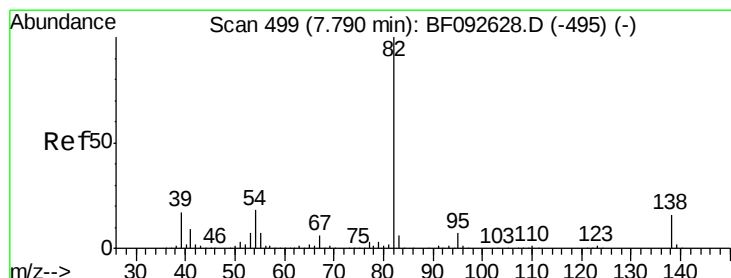
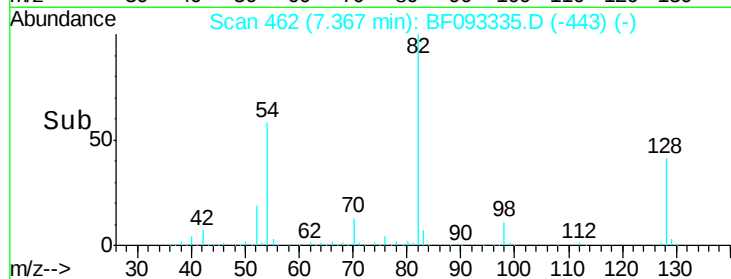
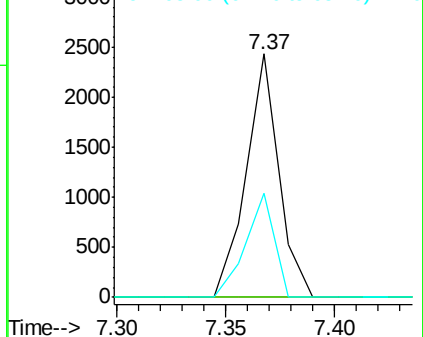
65 43.0 11.2 16.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 35.22 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.32 min

Lab File: BF093335.D

Acq: 2 Mar 2017 21:55

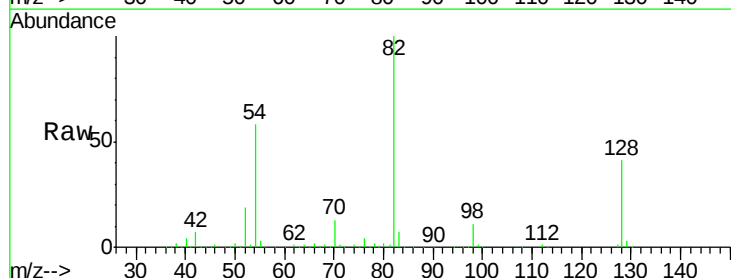
Tgt Ion: 82 Resp: 744561

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

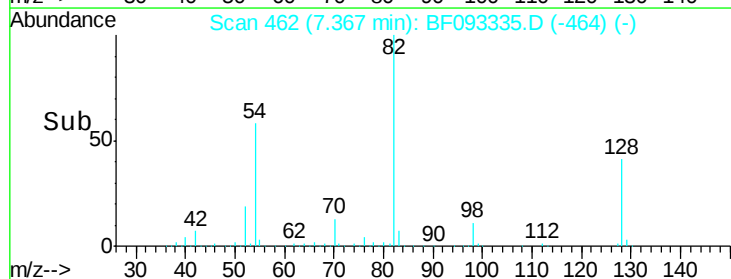
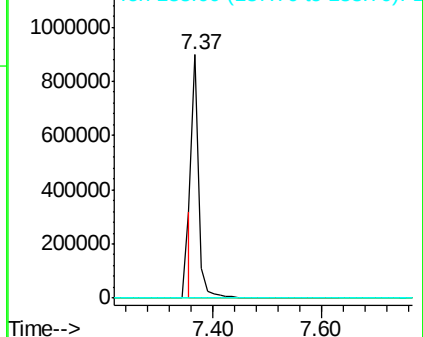
138 0.0 14.6 22.0#

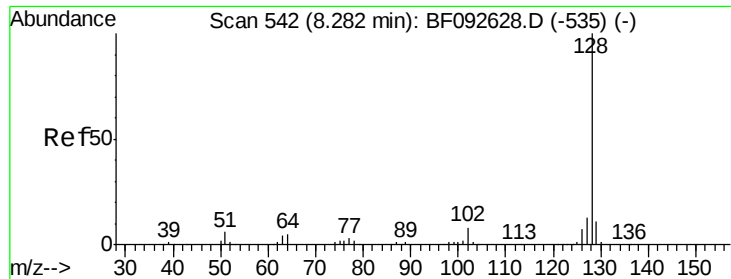


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

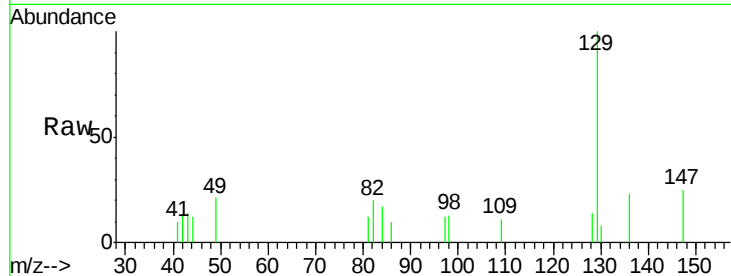




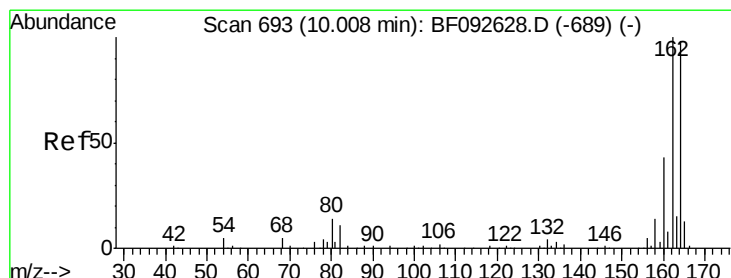
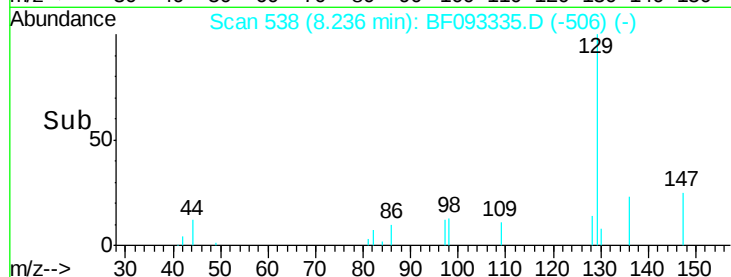
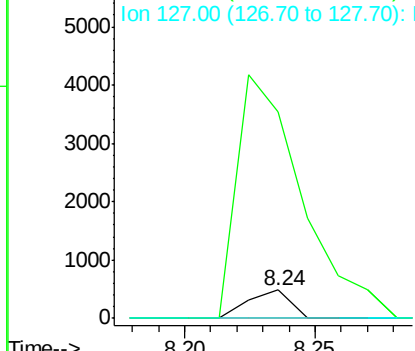
#31
Naphthalene
Concen: 0.02 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.07 min
Lab File: BF093335.D
Acq: 2 Mar 2017 21:55

Instrument :
BNA_F
ClientSampled :
PB97297BL

Tgt Ion:128 Resp: 545
Ion Ratio Lower Upper
128 100
129 730.2 9.5 14.3#
127 0.0 10.8 16.2#

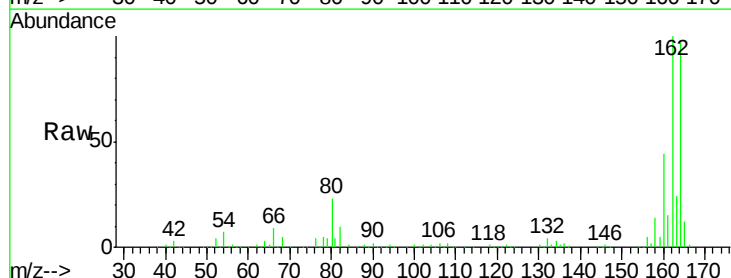


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

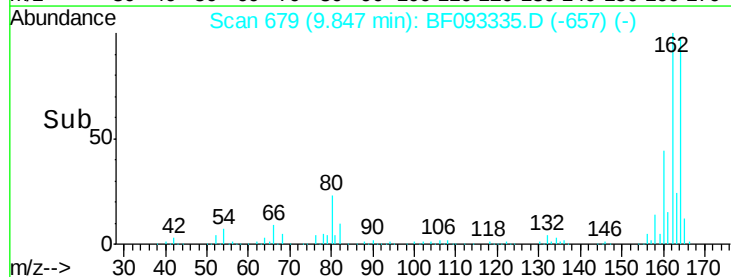
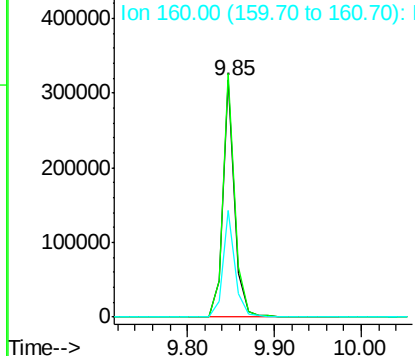


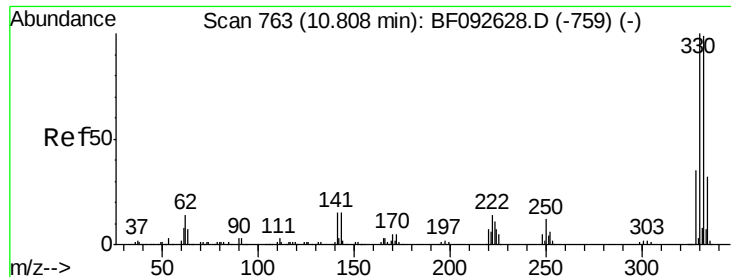
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093335.D
Acq: 2 Mar 2017 21:55

Tgt Ion:164 Resp: 301038
Ion Ratio Lower Upper
164 100
162 102.8 80.2 120.2
160 45.2 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

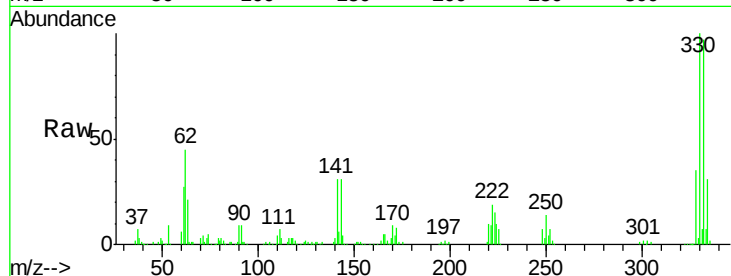




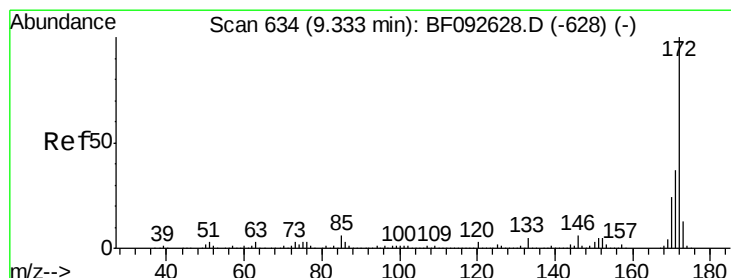
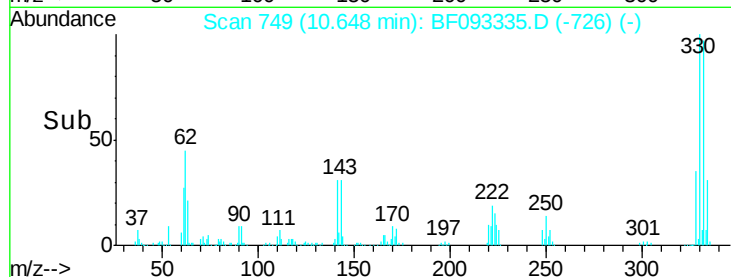
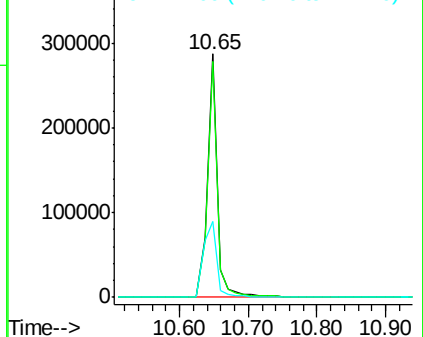
#41
 2,4,6-Tribromophenol
 Concen: 133.07 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093335.D
 Acq: 2 Mar 2017 21:55

Instrument :
 BNA_F
 ClientSampleId :
 PB97297BL

Tgt Ion:330 Resp: 289732
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 42.2 34.1 51.1

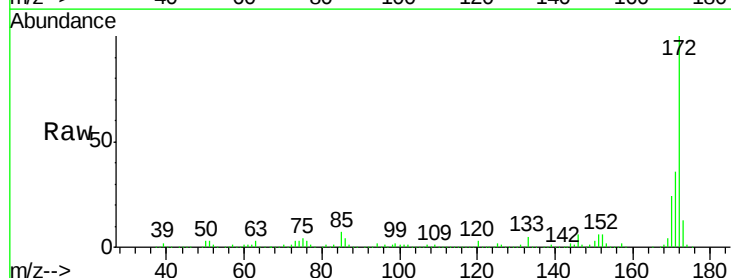


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

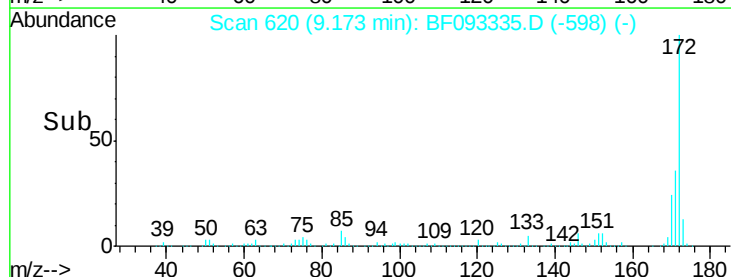
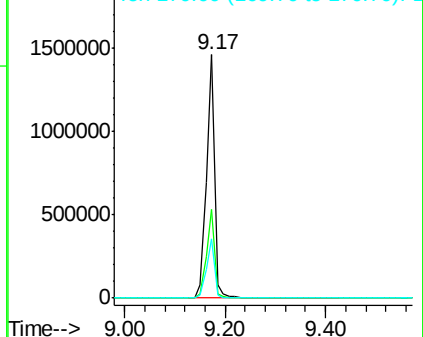


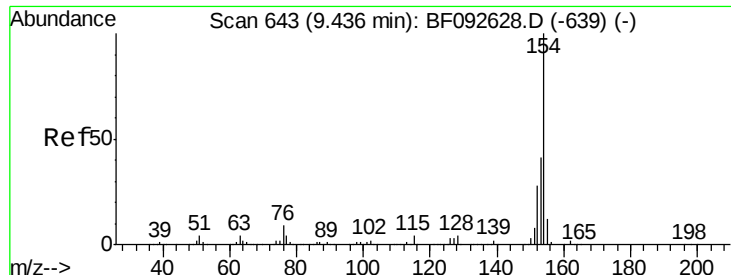
#44
 2-Fluorobiphenyl
 Concen: 98.30 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093335.D
 Acq: 2 Mar 2017 21:55

Tgt Ion:172 Resp: 1633449
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.2 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

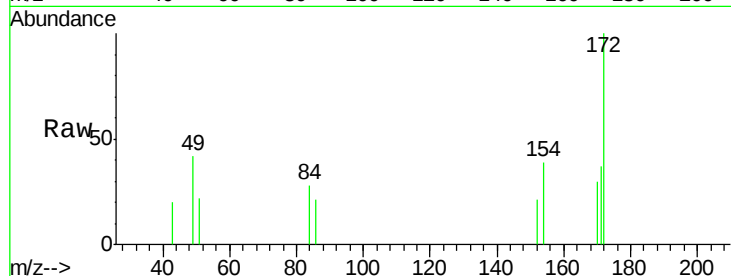




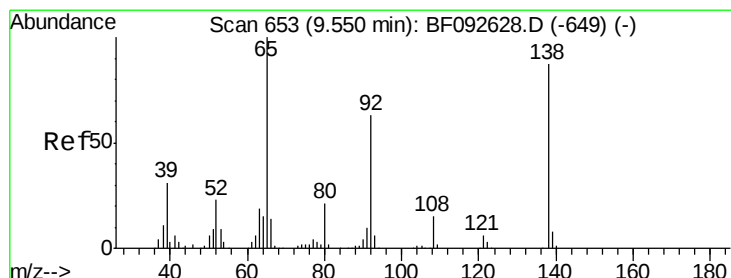
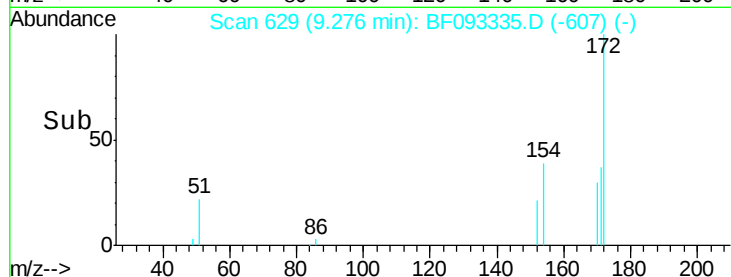
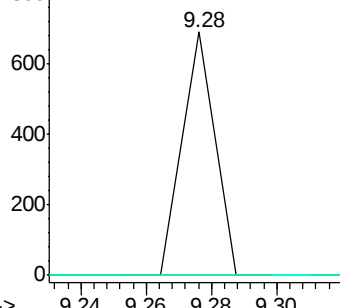
#45
 1,1'-Biphenyl
 Concen: 0.02 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.05 min
 Lab File: BF093335.D
 Acq: 2 Mar 2017 21:55

Instrument :
 BNA_F
 ClientSampleId :
 PB97297BL

Tgt Ion: 154 Resp: 473
 Ion Ratio Lower Upper
 154 100
 153 0.0 20.9 60.9#
 76 0.0 0.0 30.5

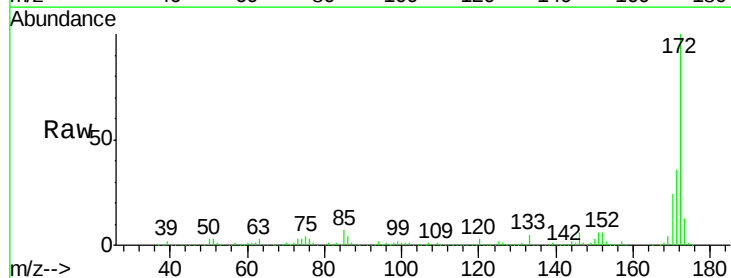


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

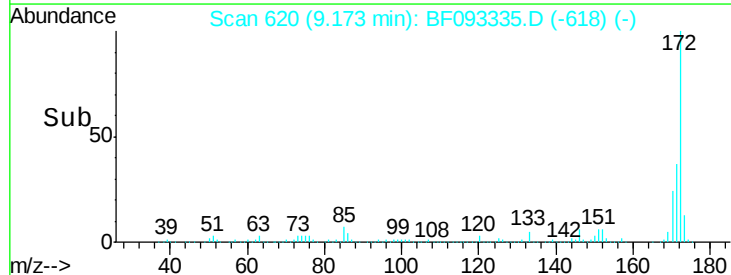
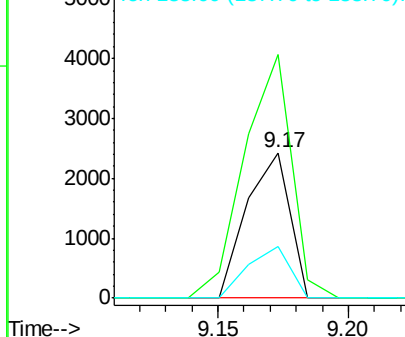


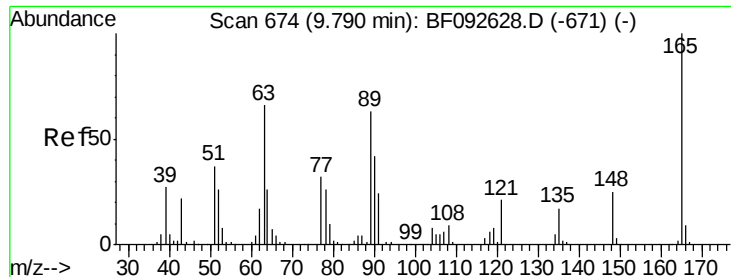
#47
 2-Nitroaniline
 Concen: 0.49 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.27 min
 Lab File: BF093335.D
 Acq: 2 Mar 2017 21:55

Tgt Ion: 65 Resp: 2815
 Ion Ratio Lower Upper
 65 100
 92 167.2 53.9 80.9#
 138 35.3 76.8 115.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

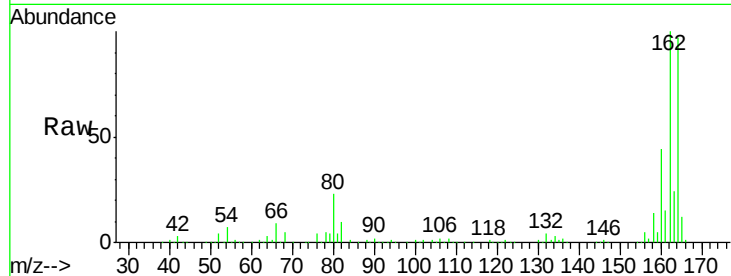




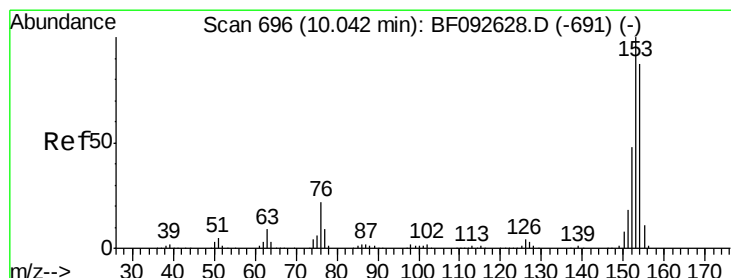
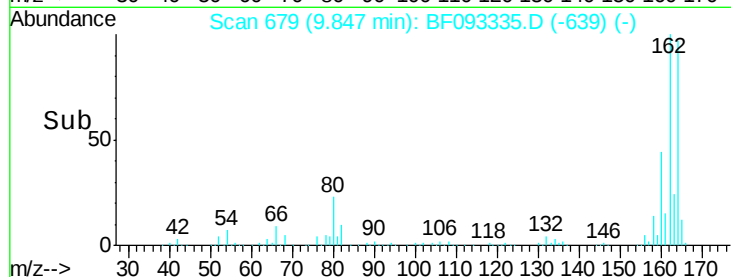
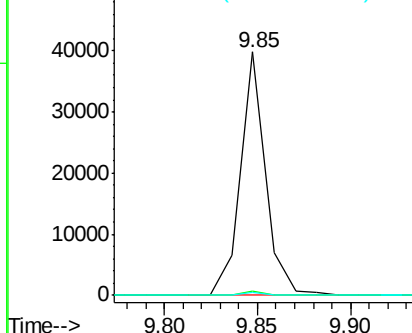
#50
 2,6-Dinitrotoluene
 Concen: 8.55 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.16 min
 Lab File: BF093335.D
 Acq: 2 Mar 2017 21:55

Instrument :
 BNA_F
 ClientSampleId :
 PB97297BL

Tgt Ion:165 Resp: 37455
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.2 54.4#
 89 1.4 40.2 60.4#

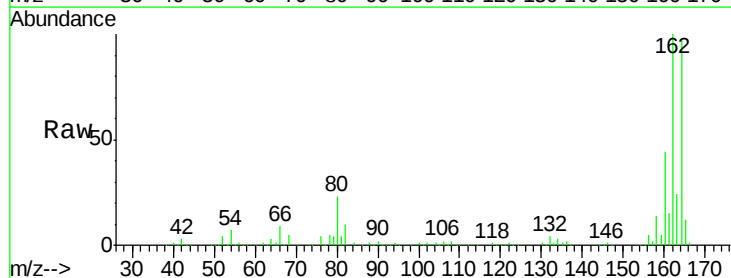


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

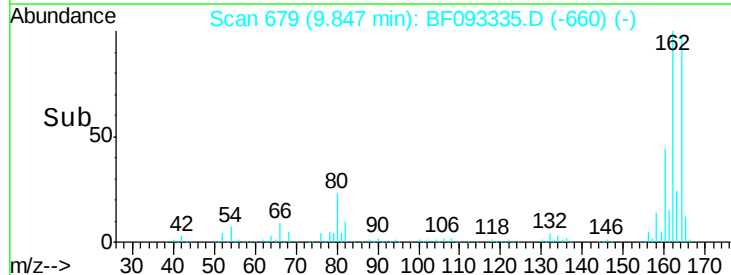
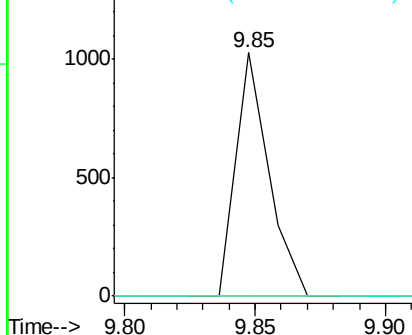


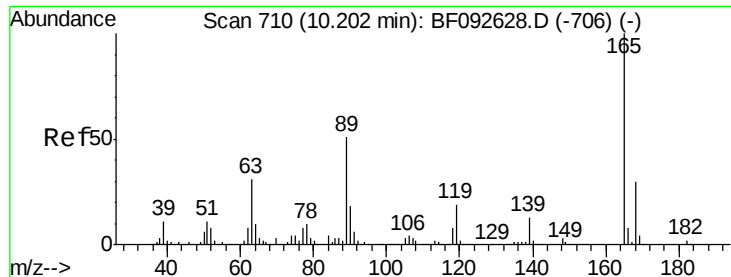
#51
 Acenaphthene
 Concen: 0.05 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.08 min
 Lab File: BF093335.D
 Acq: 2 Mar 2017 21:55

Tgt Ion:154 Resp: 910
 Ion Ratio Lower Upper
 154 100
 153 0.0 88.6 133.0#
 152 0.0 41.6 62.4#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

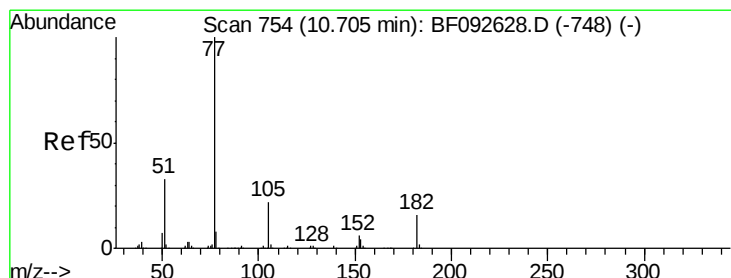
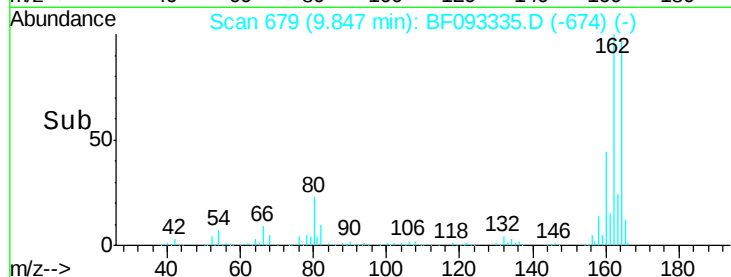
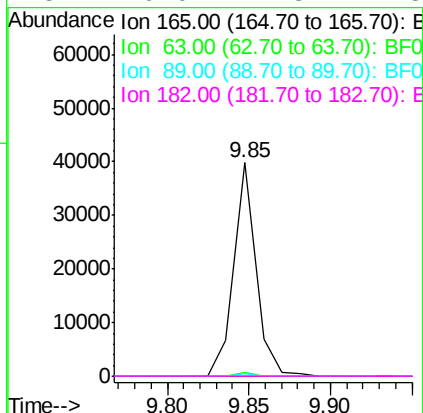
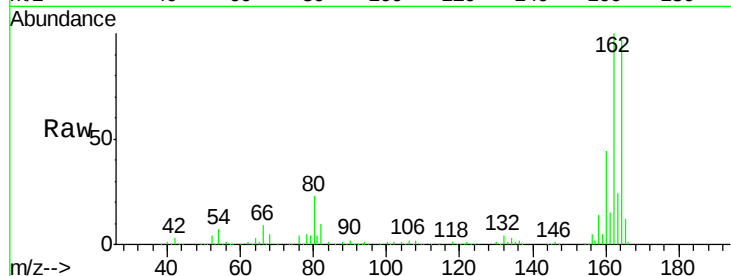




#56
 2,4-Dinitrotoluene
 Concen: 6.42 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.24 min
 Lab File: BF093335.D
 Acq: 2 Mar 2017 21:55

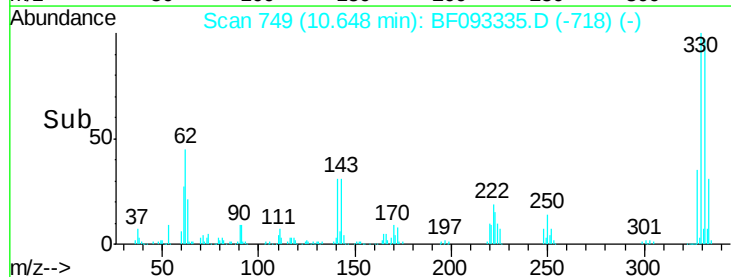
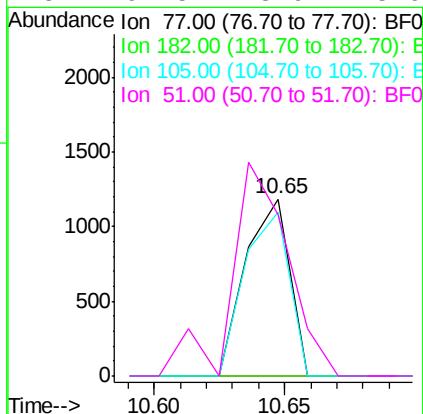
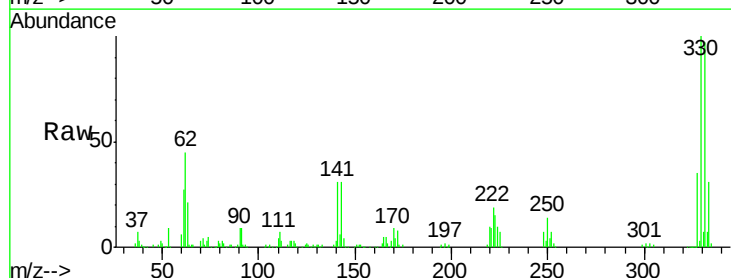
Instrument :
 BNA_F
 ClientSampleId :
 PB97297BL

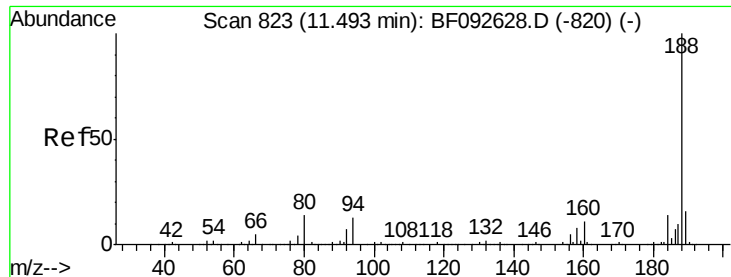
Tgt Ion:	165	Resp:	37449
Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.2	60.4#
89	1.4	62.5	93.7#
182	0.0	1.8	2.8#



#62
 Azobenzene
 Concen: 0.07 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.06 min
 Lab File: BF093335.D
 Acq: 2 Mar 2017 21:55

Tgt Ion:	77	Resp:	1402
Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.0	39.3
105	93.0	2.3	42.3#
51	91.5	8.9	48.9#

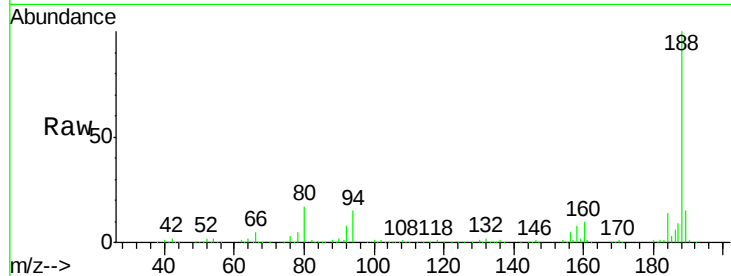




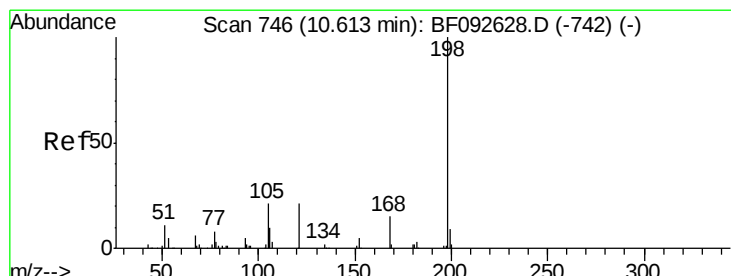
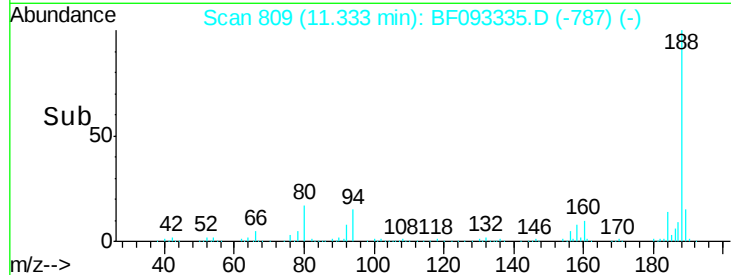
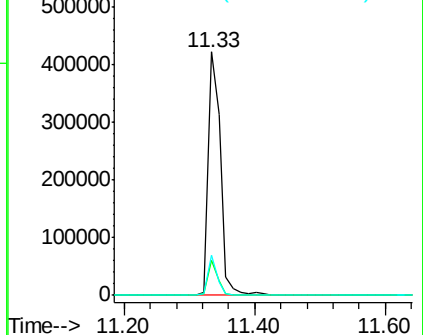
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.05 min
 Lab File: BF093335.D
 Acq: 2 Mar 2017 21:55

Instrument :
 BNA_F
 ClientSampled :
 PB97297BL

Tgt Ion:188 Resp: 552616
 Ion Ratio Lower Upper
 188 100
 94 14.5 10.0 15.0
 80 16.6 11.2 16.8

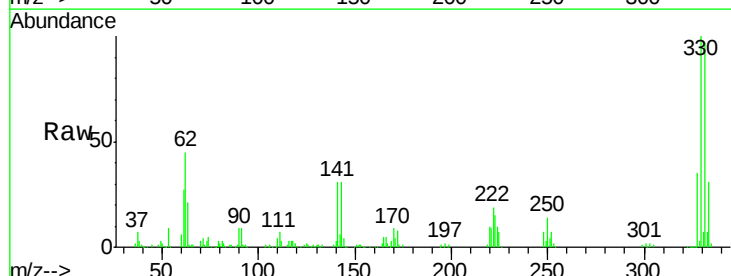


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

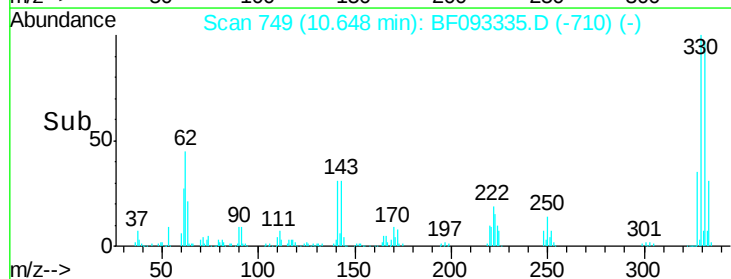
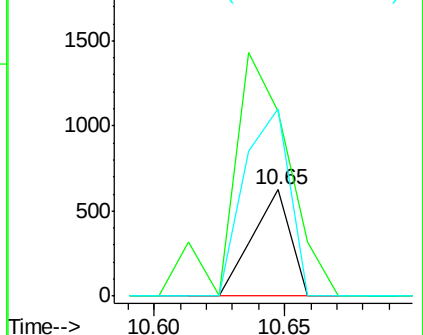


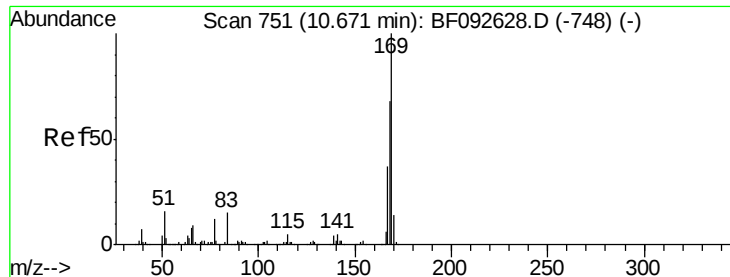
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.85 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.15 min
 Lab File: BF093335.D
 Acq: 2 Mar 2017 21:55

Tgt Ion:198 Resp: 641
 Ion Ratio Lower Upper
 198 100
 51 172.8 6.7 46.7#
 105 175.7 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

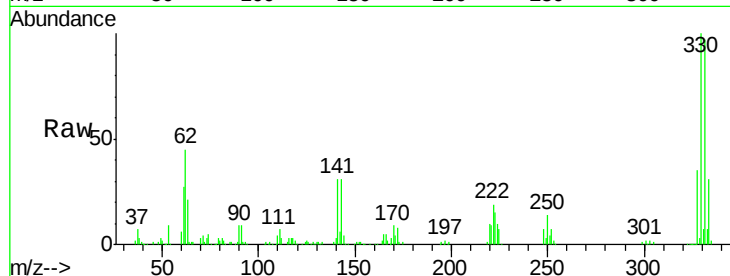




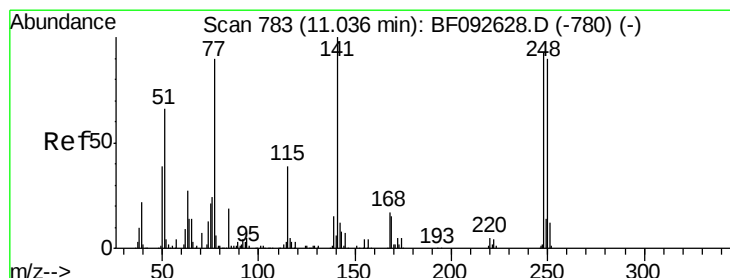
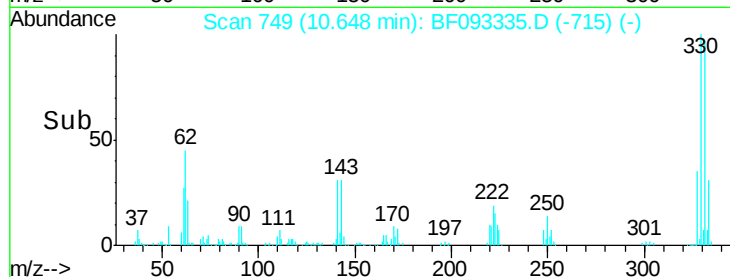
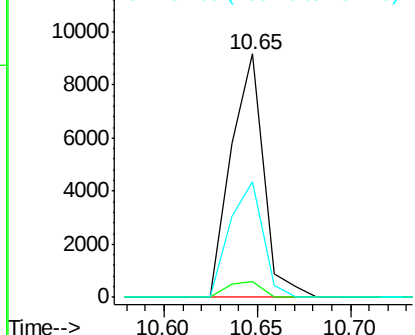
#65
n-Nitrosodiphenylamine
Concen: 0.63 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.09 min
Lab File: BF093335.D
Acq: 2 Mar 2017 21:55

Instrument :
BNA_F
ClientSampleId :
PB97297BL

Tgt Ion:169 Resp: 11152
Ion Ratio Lower Upper
169 100
168 6.7 54.2 81.2#
167 47.6 30.2 45.4#

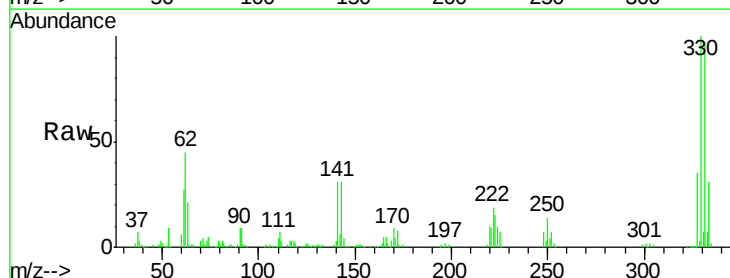


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

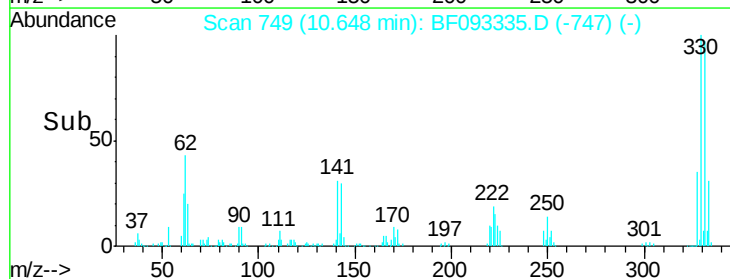
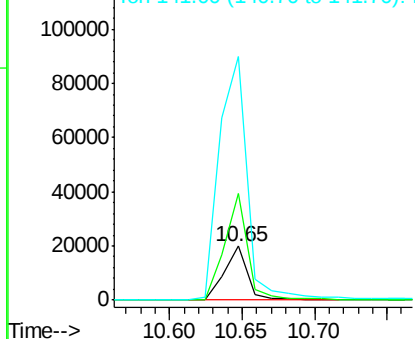


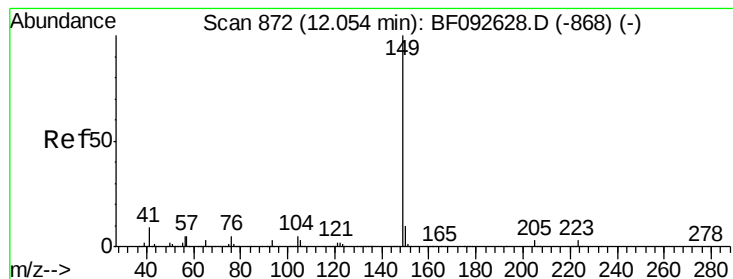
#66
4-Bromophenyl-phenylether
Concen: 3.83 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.27 min
Lab File: BF093335.D
Acq: 2 Mar 2017 21:55

Tgt Ion:248 Resp: 22110
Ion Ratio Lower Upper
248 100
250 199.1 76.9 115.3#
141 453.4 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





#73

Di-n-butylphthalate

Concen: 0.03 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.03 min

Lab File: BF093335.D

Acq: 2 Mar 2017 21:55

Instrument :

BNA_F

ClientSampleId :

PB97297BL

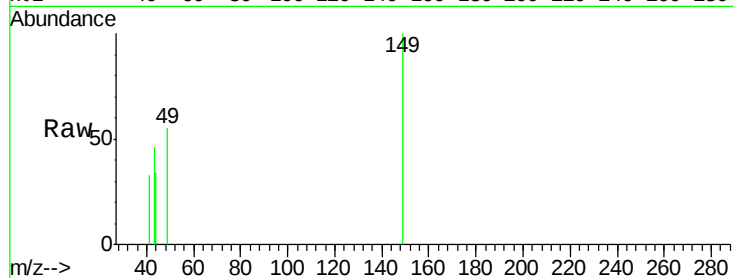
Tgt Ion:149 Resp: 920

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

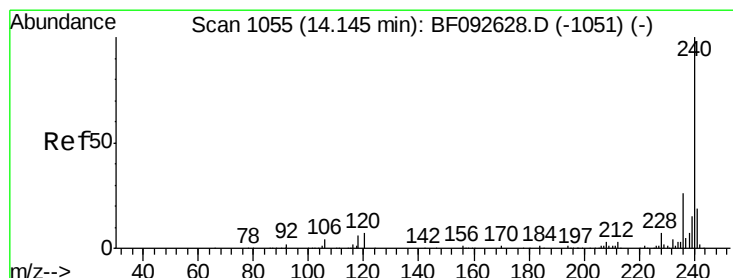
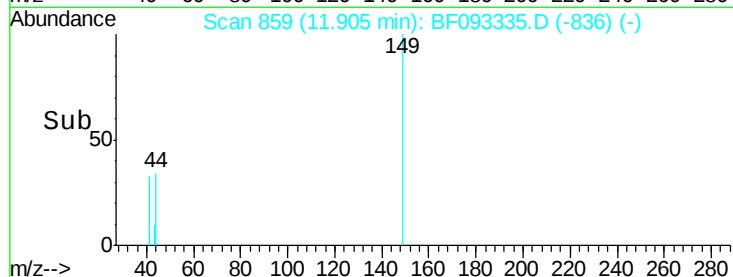
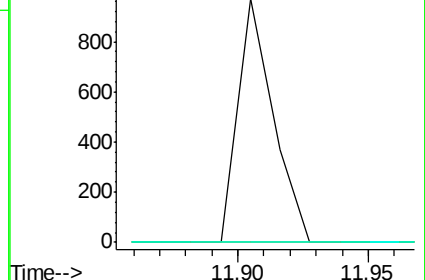
104 0.0 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093335.D

Acq: 2 Mar 2017 21:55

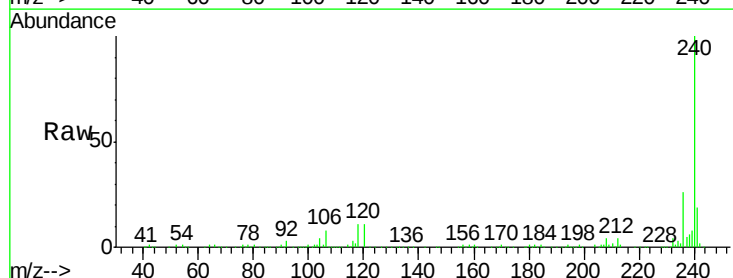
Tgt Ion:240 Resp: 492374

Ion Ratio Lower Upper

240 100

120 11.5 12.9 19.3#

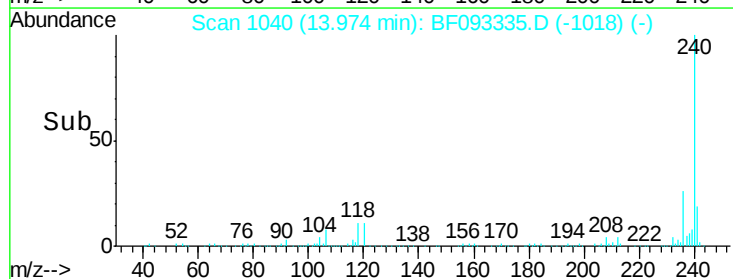
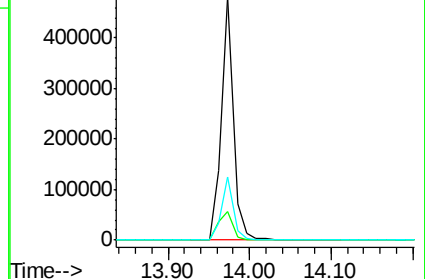
236 25.7 20.9 31.3

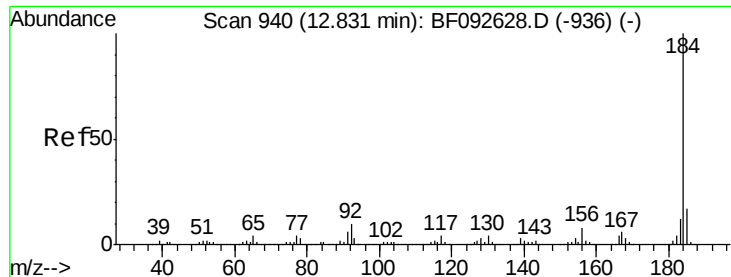


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.11 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF093335.D

Acq: 2 Mar 2017 21:55

Instrument :

BNA_F

ClientSampleId :

PB97297BL

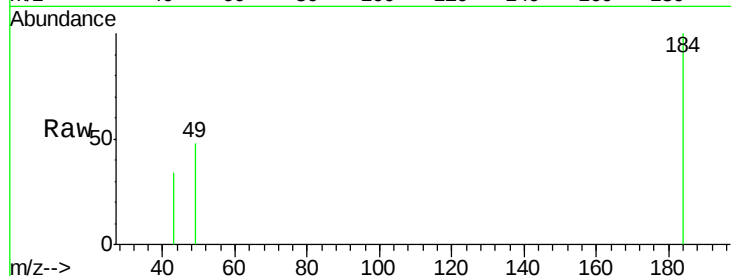
Tgt Ion:184 Resp: 2396

Ion Ratio Lower Upper

184 100

185 0.0 13.4 20.0#

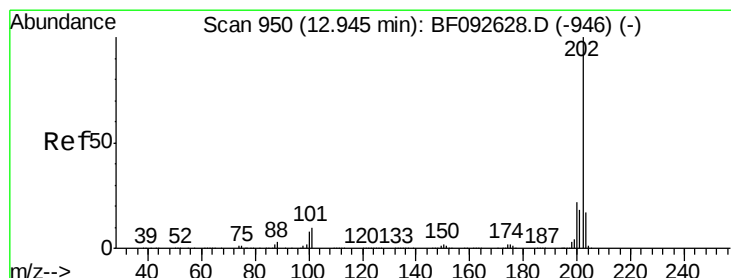
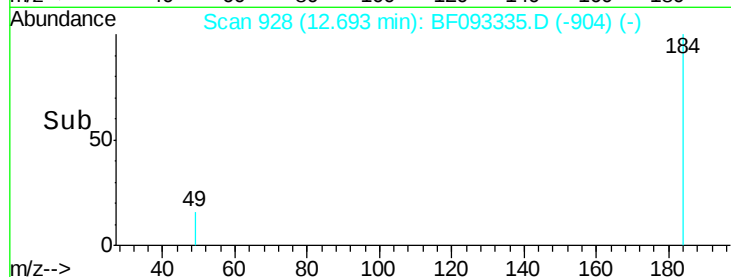
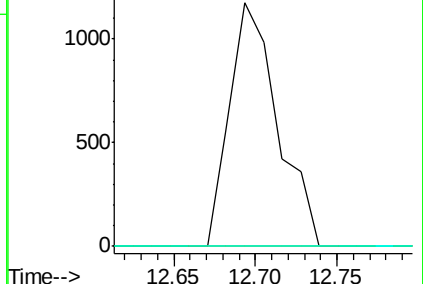
183 0.0 9.2 13.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.13 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.10 min

Lab File: BF093335.D

Acq: 2 Mar 2017 21:55

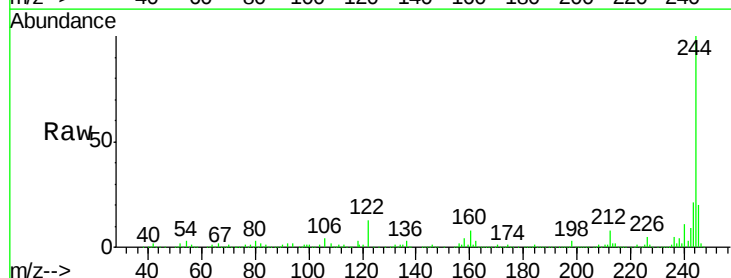
Tgt Ion:202 Resp: 4652

Ion Ratio Lower Upper

202 100

200 52.5 17.7 26.5#

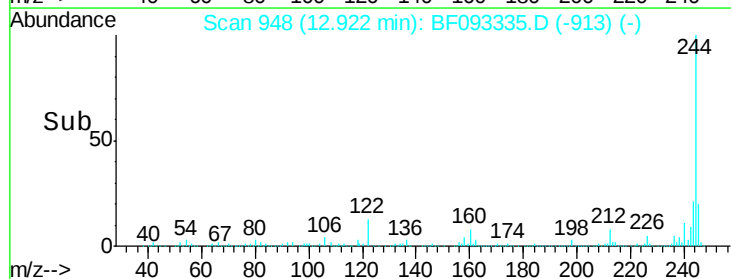
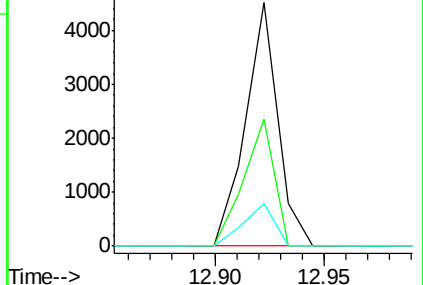
203 17.7 14.7 22.1

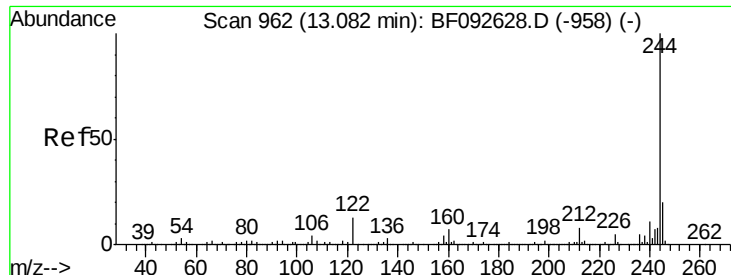


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

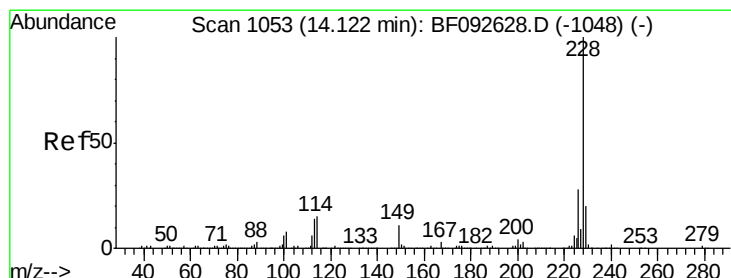
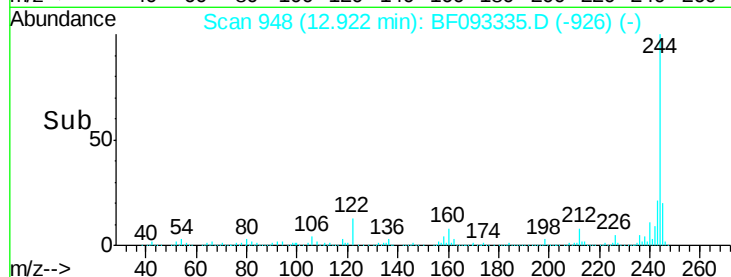
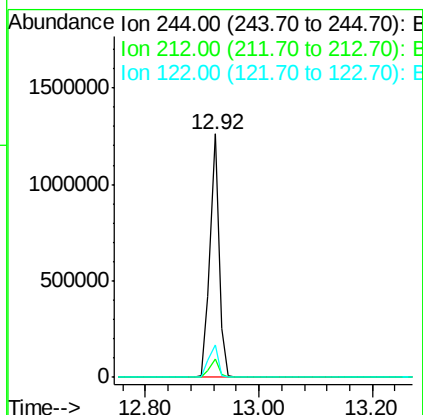
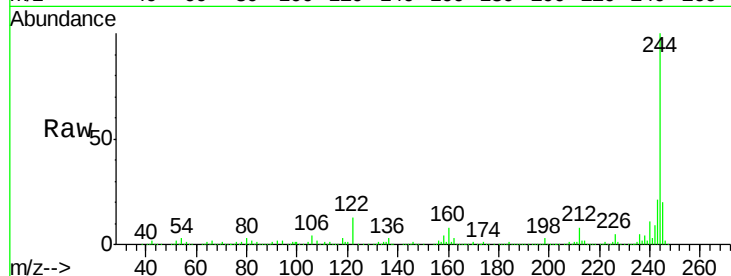




#78
 Terphenyl-d14
 Concen: 64.42 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.05 min
 Lab File: BF093335.D
 Acq: 2 Mar 2017 21:55

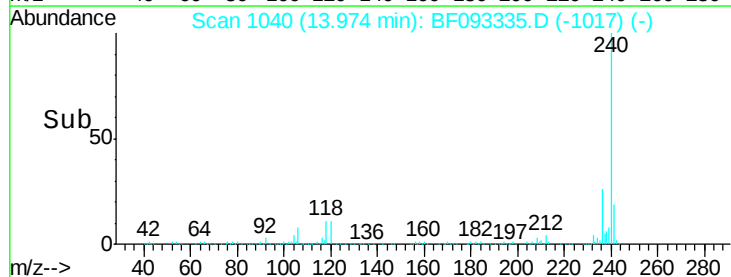
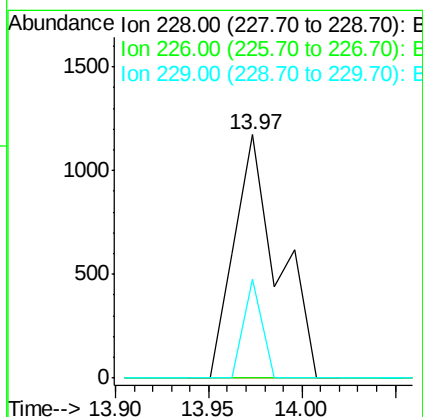
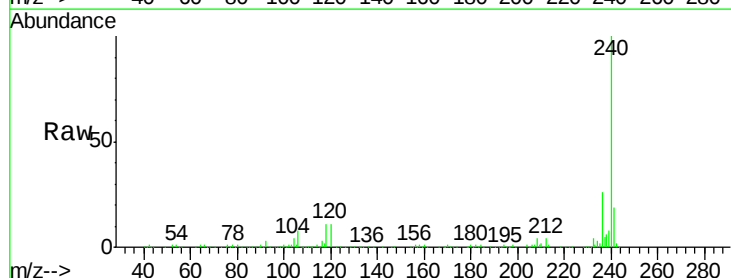
Instrument :
 BNA_F
 ClientSampleId :
 PB97297BL

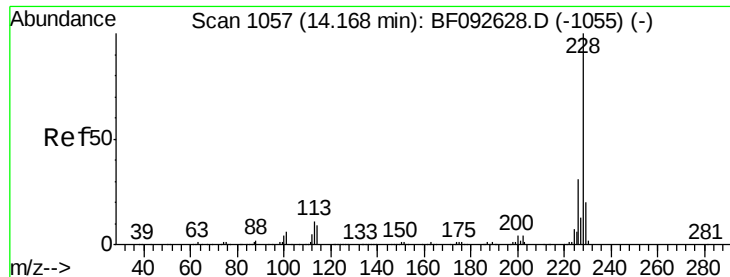
Tgt Ion:244 Resp: 1349829
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 13.2 11.4 17.2



#80
 Benzo(a)anthracene
 Concen: 0.06 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF093335.D
 Acq: 2 Mar 2017 21:55

Tgt Ion:228 Resp: 1943
 Ion Ratio Lower Upper
 228 100
 226 0.0 22.4 33.6#
 229 40.8 16.2 24.4#





#82

Chrysene

Concen: 0.07 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.07 min

Lab File: BF093335.D

Acq: 2 Mar 2017 21:55

Instrument :

BNA_F

ClientSampleId :

PB97297BL

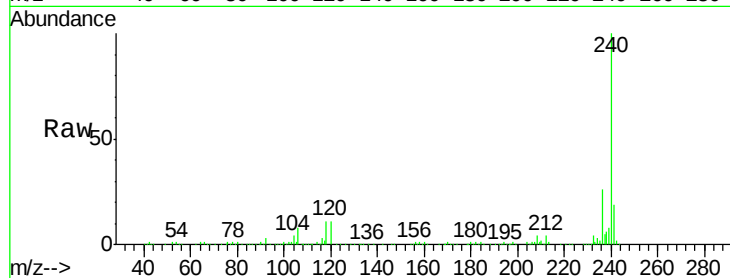
Tgt Ion: 228 Resp: 1943

Ion Ratio Lower Upper

228 100

226 0.0 25.4 38.0#

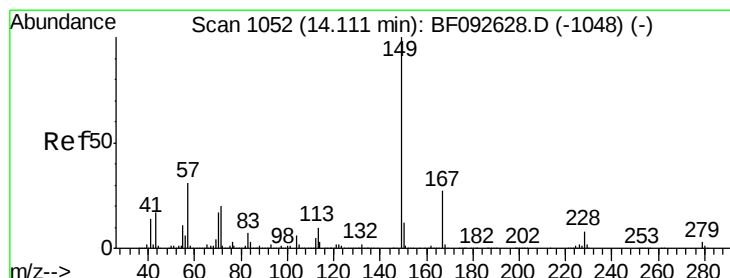
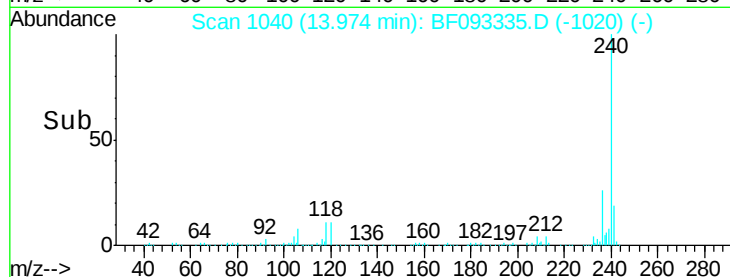
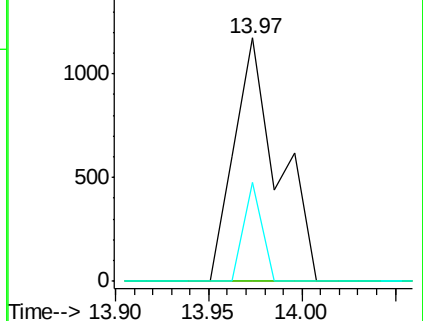
229 40.8 16.2 24.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.03 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF093335.D

Acq: 2 Mar 2017 21:55

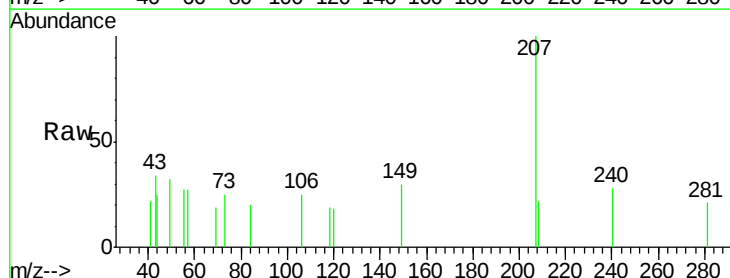
Tgt Ion: 149 Resp: 628

Ion Ratio Lower Upper

149 100

167 0.0 20.2 30.4#

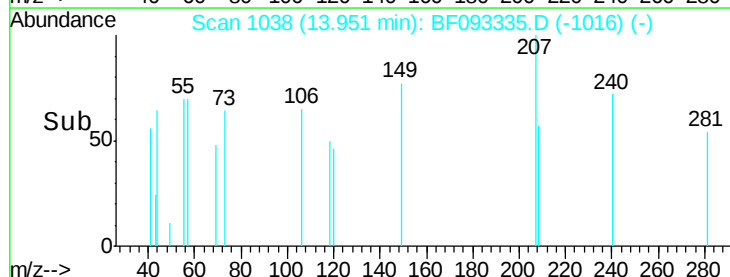
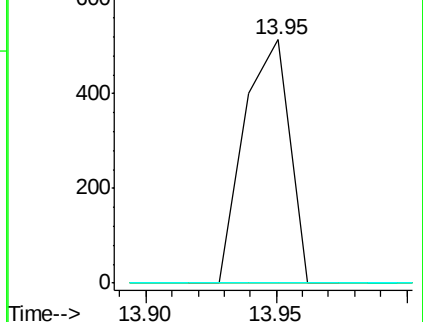
279 0.0 1.8 2.8#

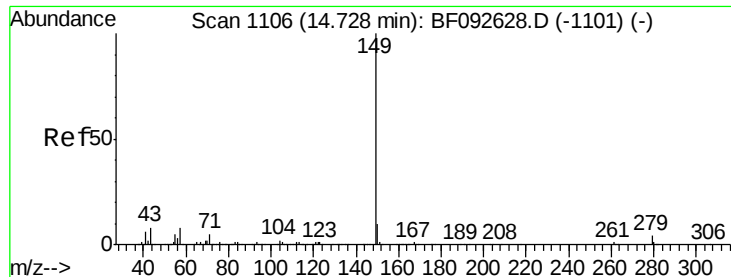


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

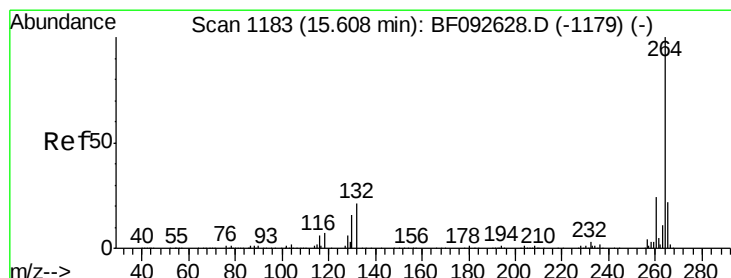
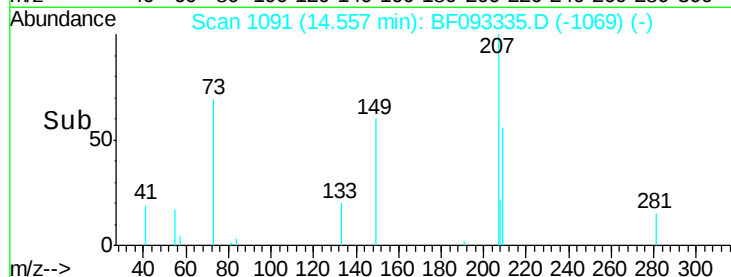
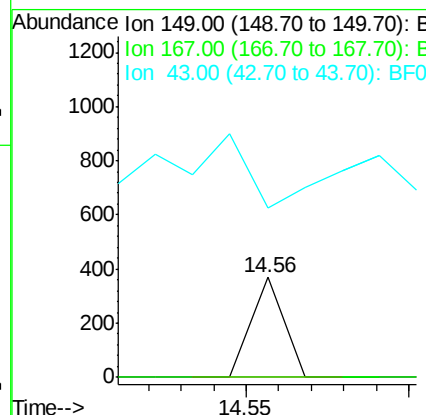
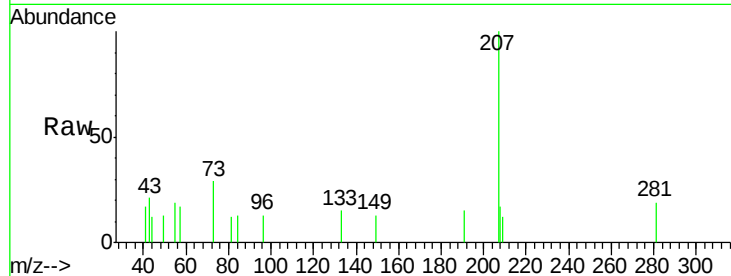




#84
Di-n-octyl phthalate
Concen: 0.01 ng
RT: 14.56 min Scan# 1091
Delta R.T. -0.05 min
Lab File: BF093335.D
Acq: 2 Mar 2017 21:55

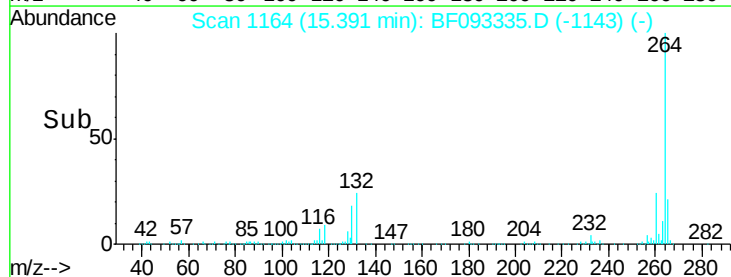
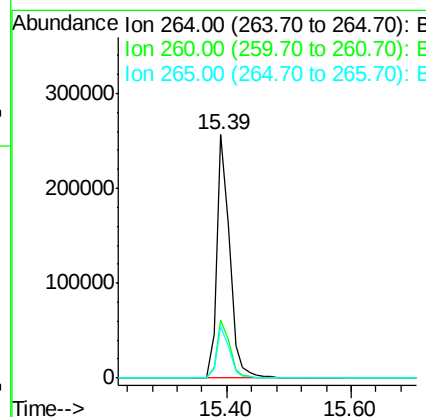
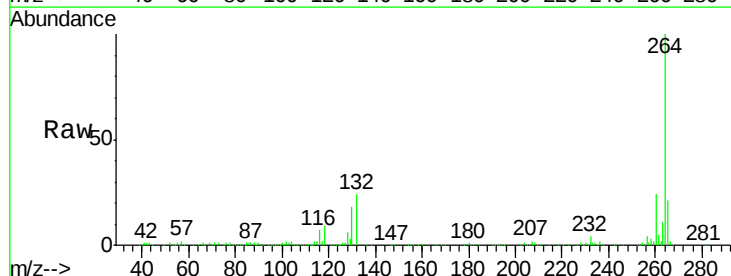
Instrument :
BNA_F
ClientSampleId :
PB97297BL

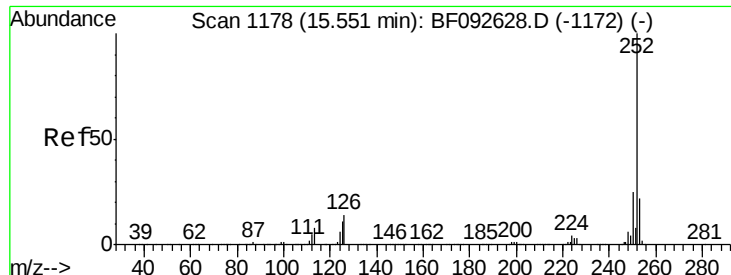
Tgt Ion:149 Resp: 252
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 8.9 13.3#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF093335.D
Acq: 2 Mar 2017 21:55

Tgt Ion:264 Resp: 362088
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.4 17.4 26.0





#89

Benzo(a)pyrene

Concen: 0.05 ng

RT: 15.39 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF093335.D

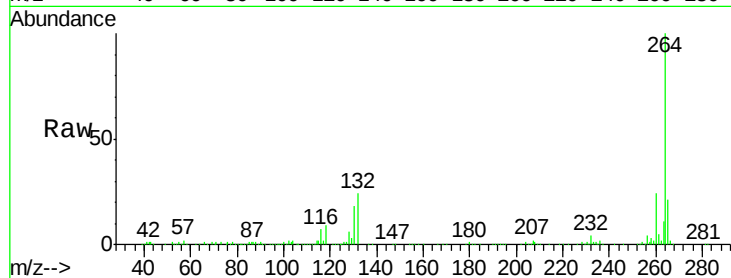
Acq: 2 Mar 2017 21:55

Instrument :

BNA_F

ClientSampleId :

PB97297BL



Tgt Ion:	252	Resp:	1066
Ion Ratio	Lower	Upper	
252	100		
253	36.4	18.2	27.2#
125	52.2	10.0	15.0#

