

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093315.D
 Acq On : 2 Mar 2017 11:29
 Operator : SJ/MA
 Sample : PB97255TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97255TB

Quant Time: Mar 03 00:08:51 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	137876	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	555603	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	255114	20.00	ng	-0.05
63) Phenanthrene-d10	11.34	188	500010	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	485874	20.00	ng	-0.03
86) Perylene-d12	15.40	264	426034	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1179634	146.78	ng	-0.05
7) Phenol-d6	6.44	99	1336022	129.20	ng	-0.05
23) Nitrobenzene-d5	7.37	82	795417	79.72	ng	-0.06
41) 2,4,6-Tribromophenol	10.65	330	261093	141.50	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1420607	100.88	ng	-0.05
78) Terphenyl-d14	12.93	244	1257527	60.81	ng	-0.03

Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.06	42	235	0.05	ng	# 1
6) Aniline	6.57	93	1386	0.10	ng	# 1
8) 2-Chlorophenol	6.57	128	452	0.05	ng	# 1
9) Benzaldehyde	6.44	77	1872	0.25	ng	# 1
10) Phenol	6.45	94	809	0.07	ng	# 1
11) bis(2-Chloroethyl)ether	6.57	93	1386	0.14	ng	# 1
12) 1,3-Dichlorobenzene	6.97	146	384	0.04	ng	# 1
13) 1,4-Dichlorobenzene	6.97	146	384	0.04	ng	# 1
14) 1,2-Dichlorobenzene	6.97	146	384	0.04	ng	# 1
15) Benzyl Alcohol	6.94	79	12881	1.68	ng	# 43
19) n-Nitroso-di-n-propylamine	7.37	70	105679	16.05	ng	# 81
24) Nitrobenzene	7.37	77	2237	0.22	ng	# 36
25) Isophorone	7.37	82	628758	33.82	ng	# 65
45) 1,1'-Biphenyl	9.28	154	2568	0.14	ng	# 93
47) 2-Nitroaniline	9.17	65	2270	0.47	ng	# 1
50) 2,6-Dinitrotoluene	9.85	165	31858	8.58	ng	# 32
51) Acenaphthene	9.85	154	893	0.06	ng	# 5
56) 2,4-Dinitrotoluene	9.85	165	31859	6.45	ng	# 20
59) Diethylphthalate	10.26	149	125313	7.74	ng	# 99
62) Azobenzene	10.56	77	697	0.04	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.65	198	544	2.84	ng	# 1
65) n-Nitrosodiphenylamine	10.65	169	9164	0.57	ng	# 38
66) 4-Bromophenyl-phenylether	10.65	248	19612	3.75	ng	# 1
70) Phenanthrene	11.36	178	827	0.03	ng	# 58
71) Anthracene	11.41	178	217	0.01	ng	# 59
73) Di-n-butylphthalate	11.90	149	7015	0.24	ng	# 93
74) Fluoranthene	12.56	202	223	0.01	ng	# 61
77) Pyrene	12.80	202	248	0.01	ng	# 56
79) Butylbenzylphthalate	13.40	149	278	0.02	ng	# 82
80) Benzo(a)anthracene	13.99	228	2216	0.07	ng	# 56
82) Chrysene	13.99	228	2216	0.08	ng	# 53
83) Bis(2-ethylhexyl)phthalate	13.95	149	9889	0.49	ng	# 99
84) Di-n-octyl phthalate	14.56	149	4361	0.13	ng	# 74
87) Benzo(b)fluoranthene	15.00	252	271	0.01	ng	# 6

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QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

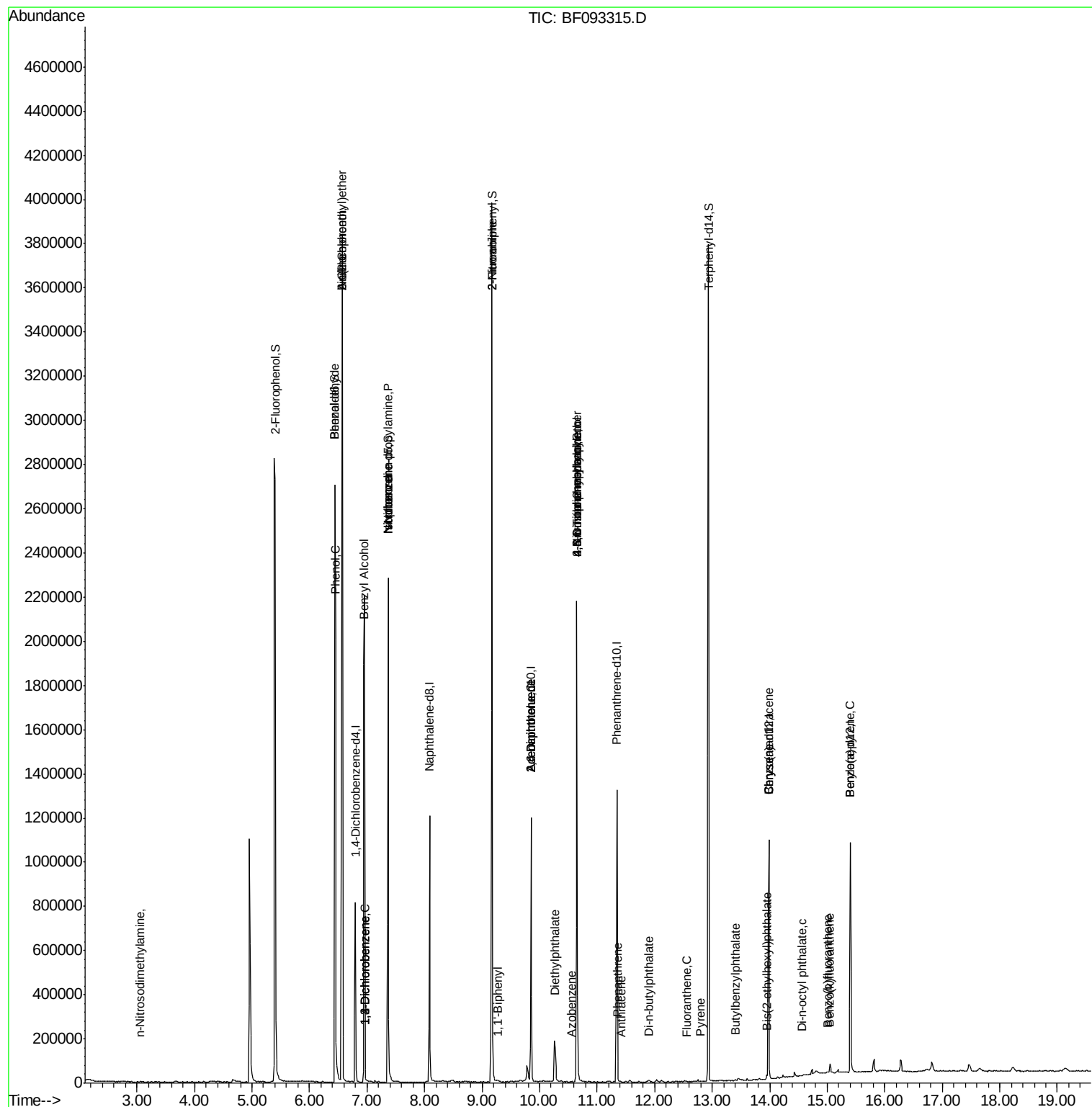
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(k)fluoranthene	15.04	252	231	0.01	ng	# 58
89) Benzo(a)pyrene	15.40	252	1077	0.04	ng	# 10

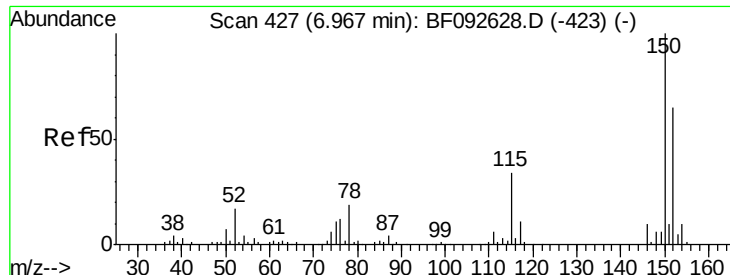
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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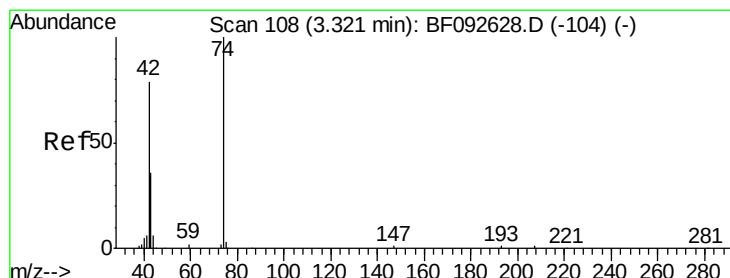
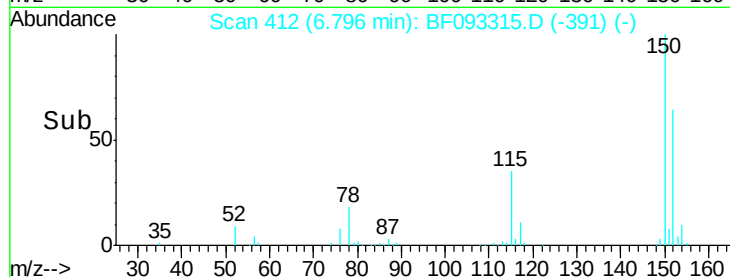
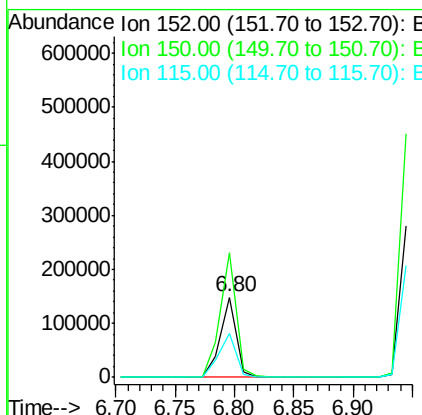
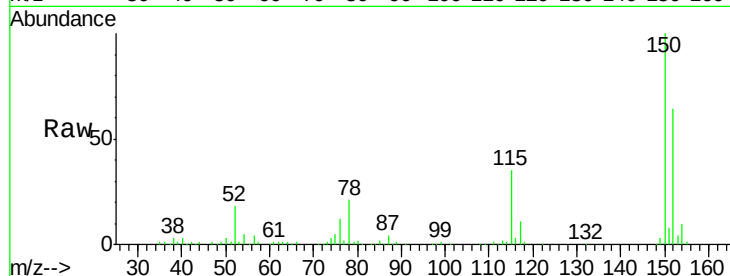




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.06 min
 Lab File: BF093315.D
 Acq: 2 Mar 2017 11:29

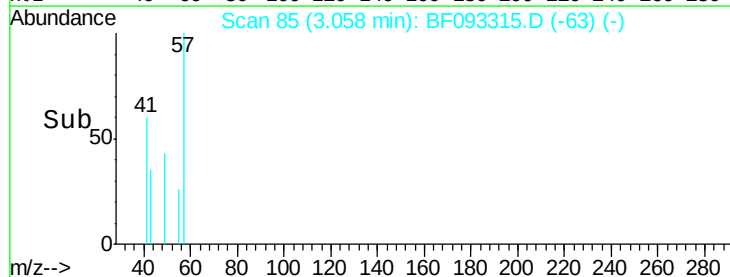
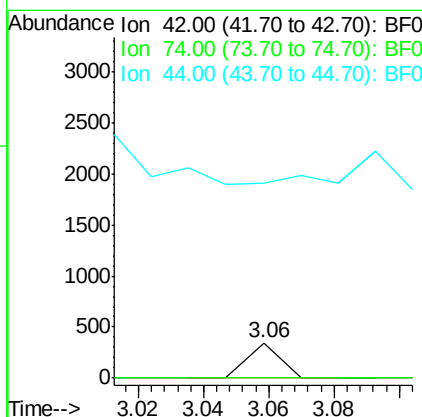
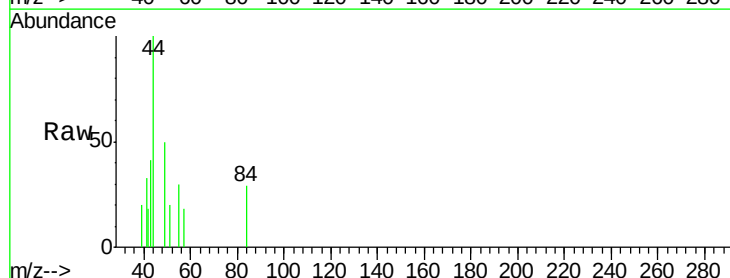
Instrument :
 BNA_F
 ClientSampleId :
 PB97255TB

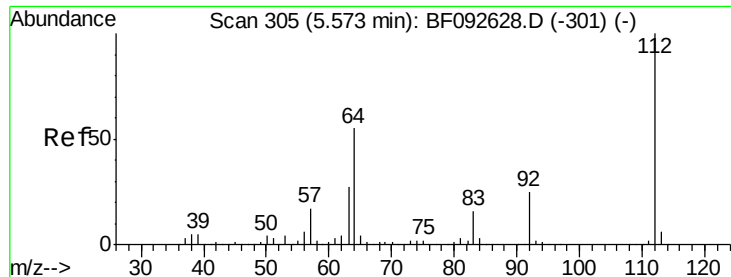
Tgt Ion:152 Resp: 137876
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.9 187.3
 115 55.0 46.0 69.0



#4
 n-Nitrosodimethylamine
 Concen: 0.05 ng
 RT: 3.06 min Scan# 85
 Delta R.T. -0.05 min
 Lab File: BF093315.D
 Acq: 2 Mar 2017 11:29

Tgt Ion: 42 Resp: 235
 Ion Ratio Lower Upper
 42 100
 74 0.0 117.0 175.4#
 44 556.6 5.5 8.3#





#5

2-Fluorophenol

Concen: 146.78 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF093315.D

Acq: 2 Mar 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB97255TB

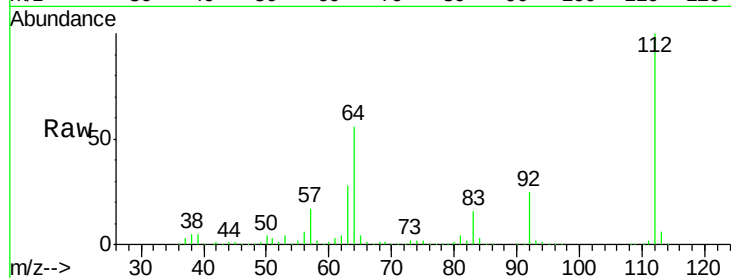
Tgt Ion: 112 Resp: 1179634

Ion Ratio Lower Upper

112 100

64 56.1 46.1 69.1

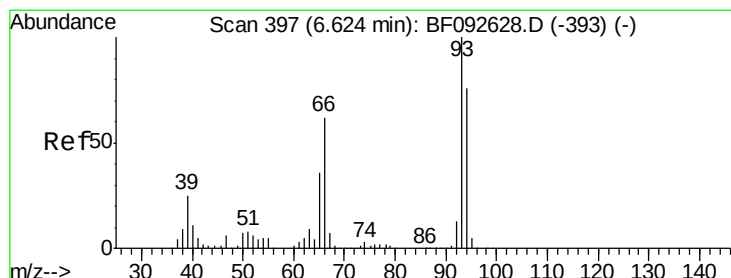
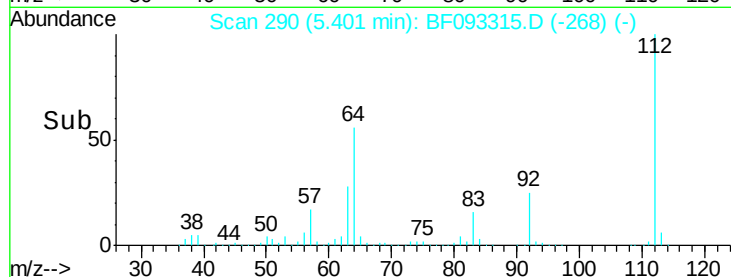
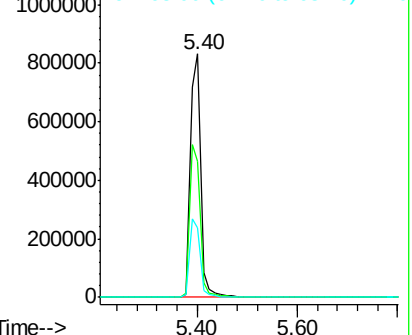
63 28.4 23.8 35.6



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: BF093315.D

Acq: 2 Mar 2017 11:29

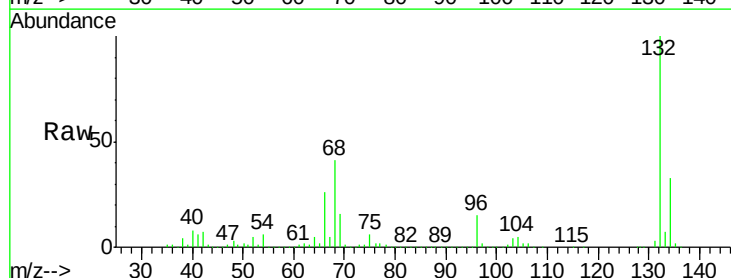
Tgt Ion: 93 Resp: 1386

Ion Ratio Lower Upper

93 100

66 19972.0 76.2 114.2#

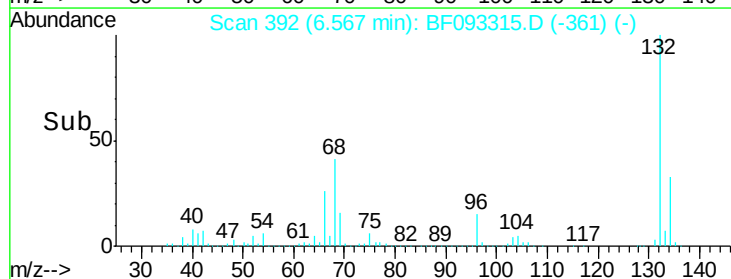
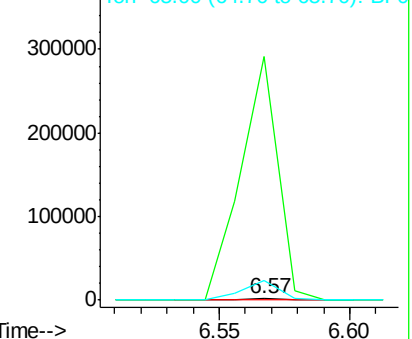
65 1608.2 49.3 73.9#

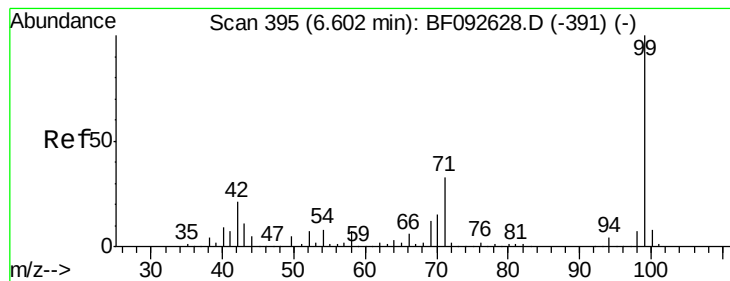


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.20 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF093315.D

Acq: 2 Mar 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB97255TB

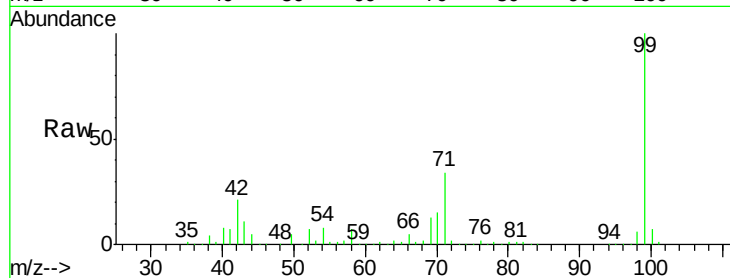
Tgt Ion: 99 Resp: 1336022

Ion Ratio Lower Upper

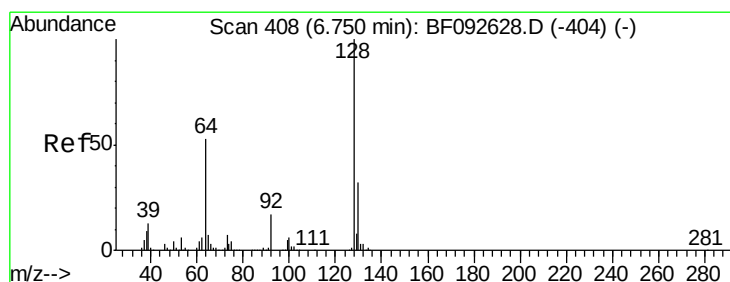
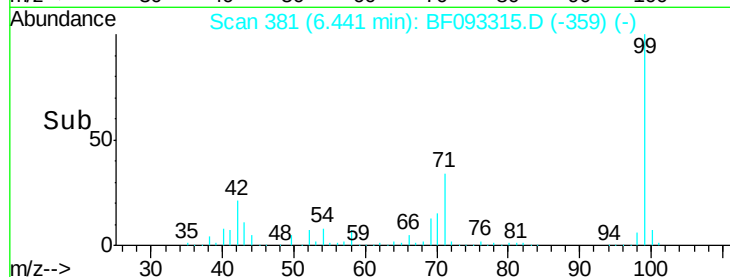
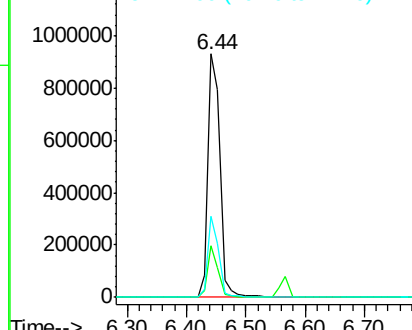
99 100

42 21.3 15.6 23.4

71 33.5 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: 0.05 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.07 min

Lab File: BF093315.D

Acq: 2 Mar 2017 11:29

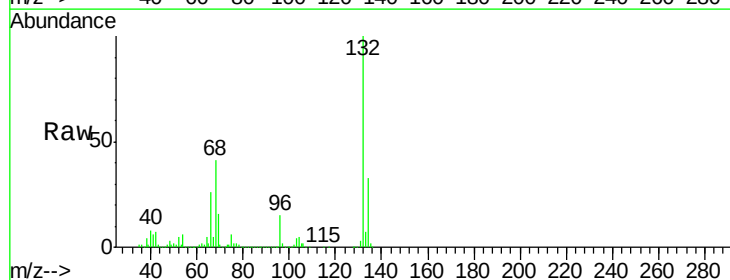
Tgt Ion: 128 Resp: 452

Ion Ratio Lower Upper

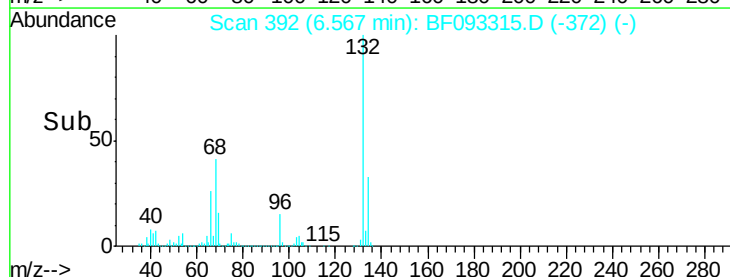
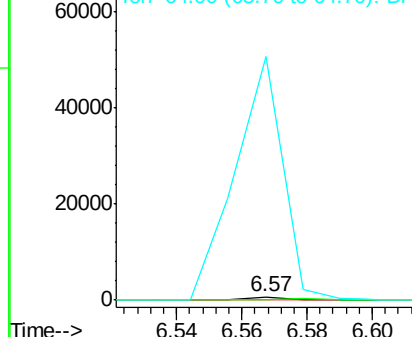
128 100

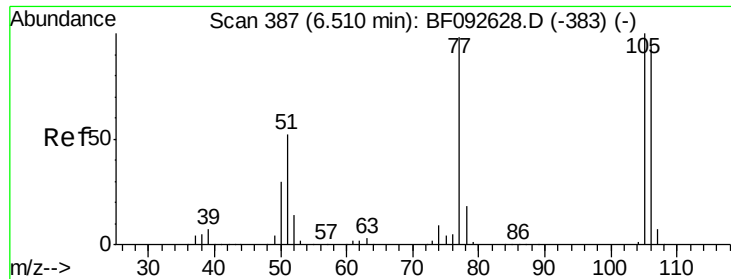
130 0.0 12.3 52.3#

64 7684.4 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: 0.25 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.05 min

Lab File: BF093315.D

Acq: 2 Mar 2017 11:29

Instrument :

BNA_F

ClientSampleId :

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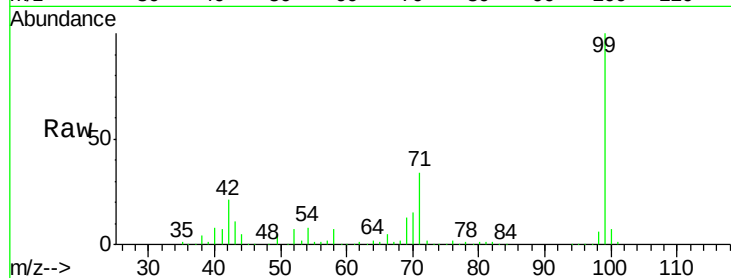
Tgt Ion: 77 Resp: 1872

Ion Ratio Lower Upper

77 100

105 0.0 83.9 123.9#

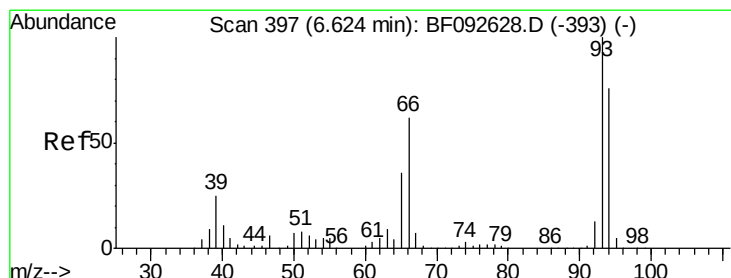
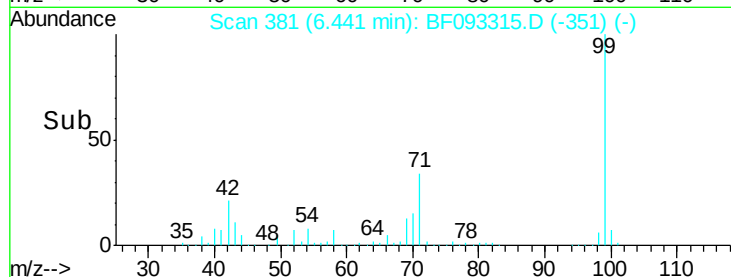
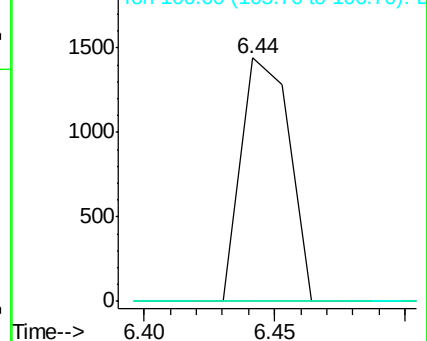
106 0.0 77.6 117.6#



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: 0.07 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093315.D

Acq: 2 Mar 2017 11:29

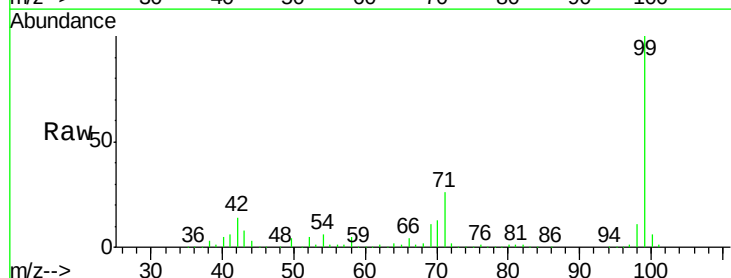
Tgt Ion: 94 Resp: 809

Ion Ratio Lower Upper

94 100

65 1116.3 21.4 61.4#

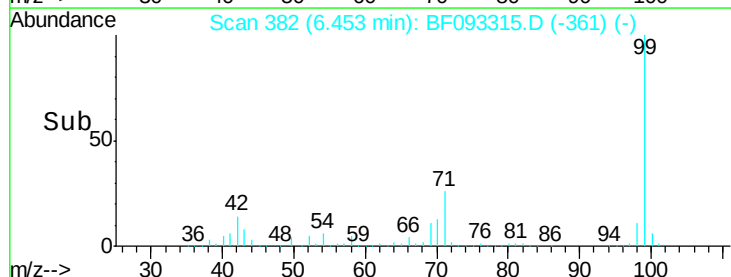
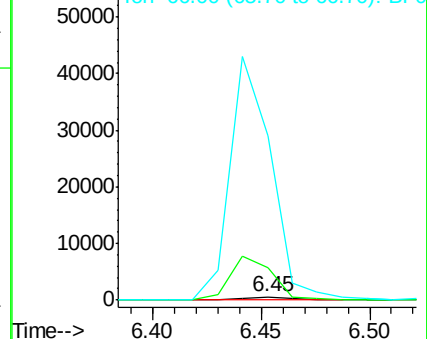
66 5567.8 44.0 84.0#

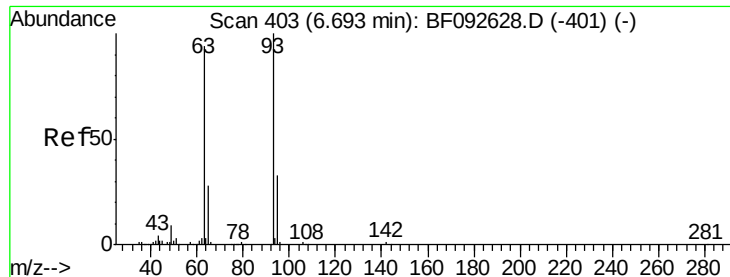


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 0.14 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF093315.D

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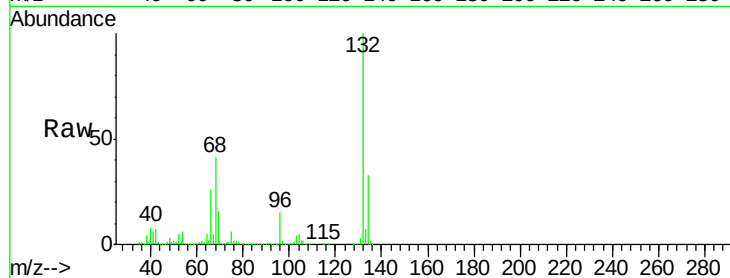
Tgt Ion: 93 Resp: 1386

Ion Ratio Lower Upper

93 100

63 779.8 60.4 100.4#

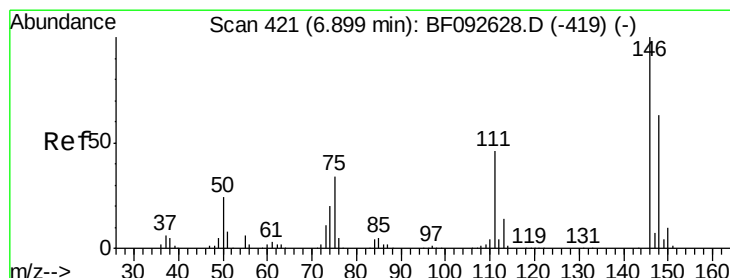
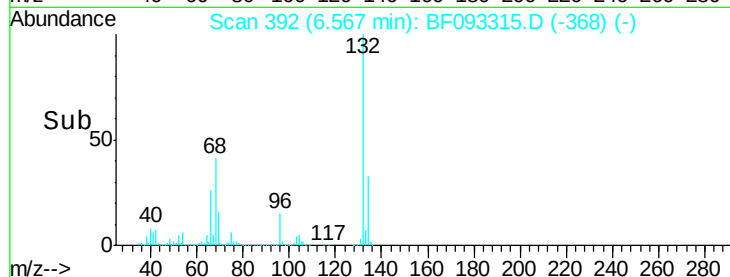
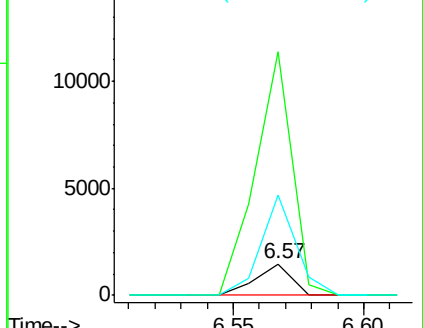
95 319.9 12.8 52.8#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 0.04 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.17 min

Lab File: BF093315.D

Acq: 2 Mar 2017 11:29

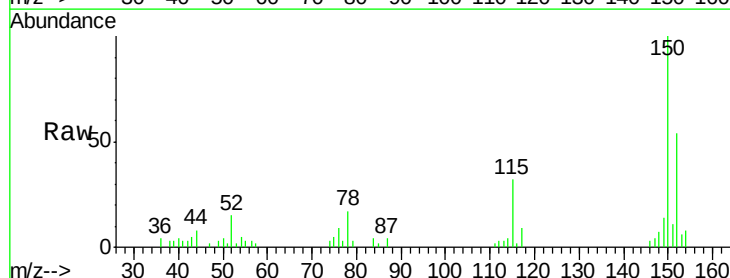
Tgt Ion: 146 Resp: 384

Ion Ratio Lower Upper

146 100

148 198.8 53.4 80.0#

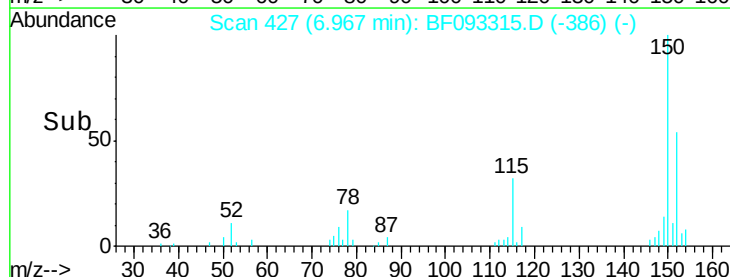
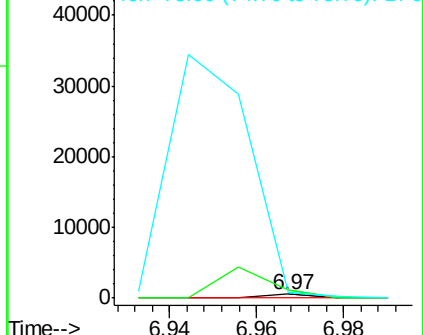
75 137.9 18.5 27.7#

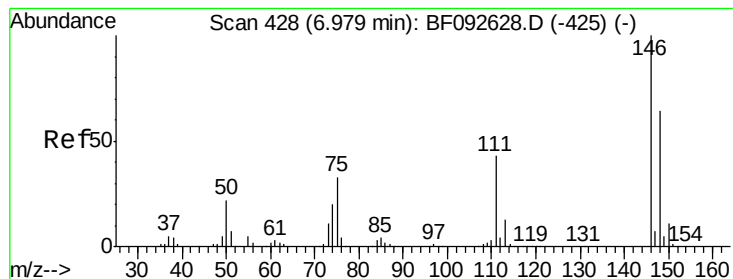


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 0.04 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.09 min

Lab File: BF093315.D

Acq: 2 Mar 2017 11:29

Instrument :

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ClientSampleId :

PB97255TB

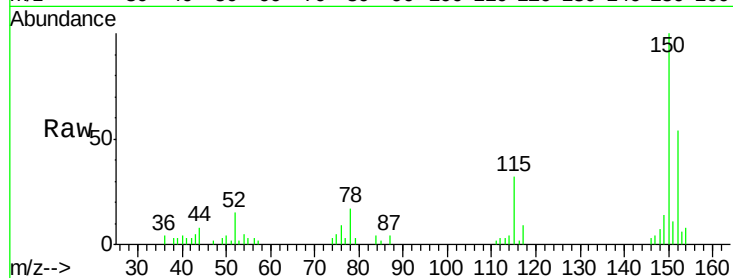
Tgt Ion:146 Resp: 384

Ion Ratio Lower Upper

146 100

148 198.8 50.6 76.0#

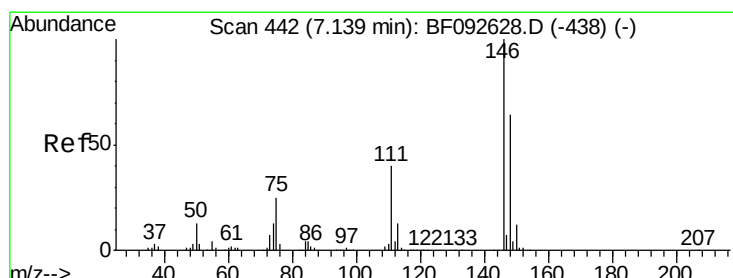
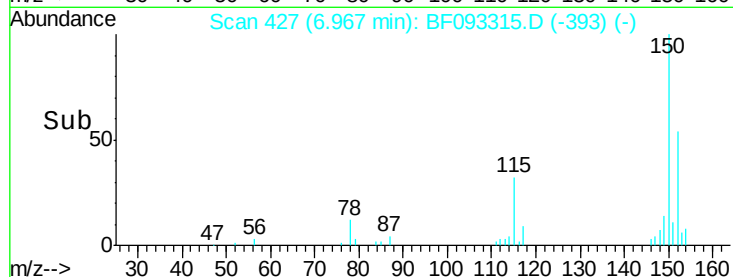
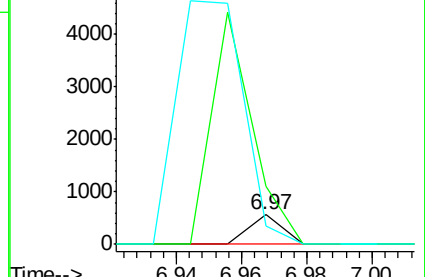
111 63.4 36.2 54.4#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.04 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.06 min

Lab File: BF093315.D

Acq: 2 Mar 2017 11:29

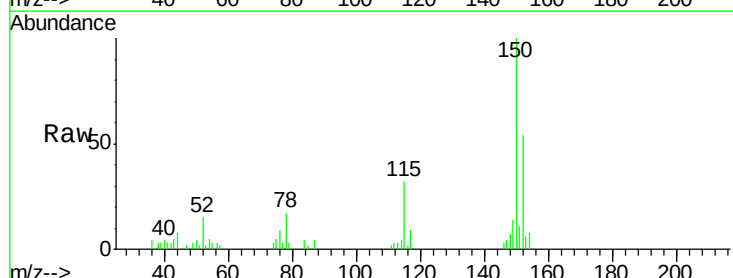
Tgt Ion:146 Resp: 384

Ion Ratio Lower Upper

146 100

148 198.8 52.2 78.2#

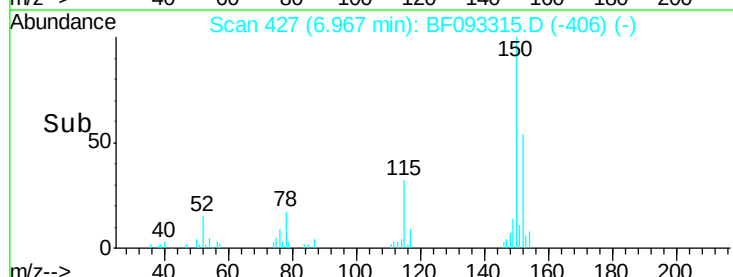
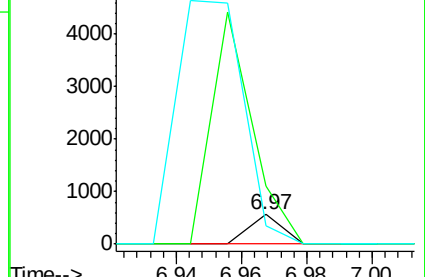
111 63.4 36.2 54.2#

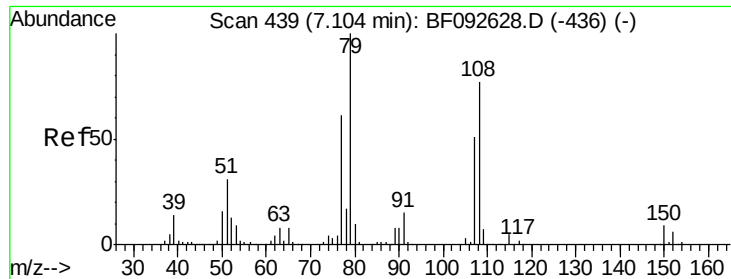


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.68 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.06 min

Lab File: BF093315.D

Acq: 2 Mar 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB97255TB

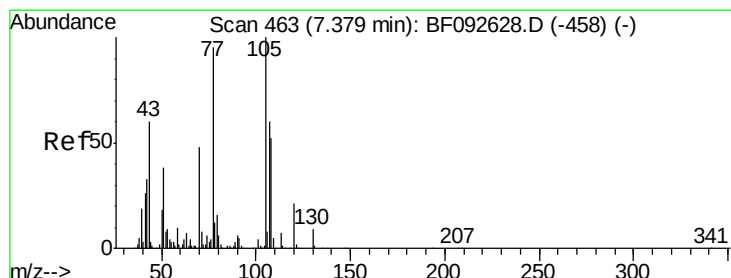
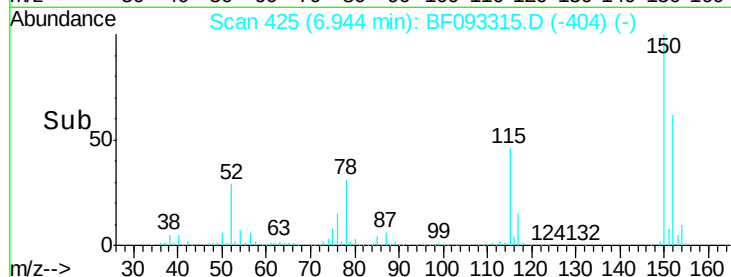
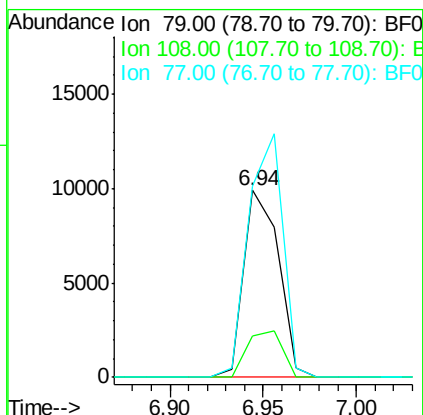
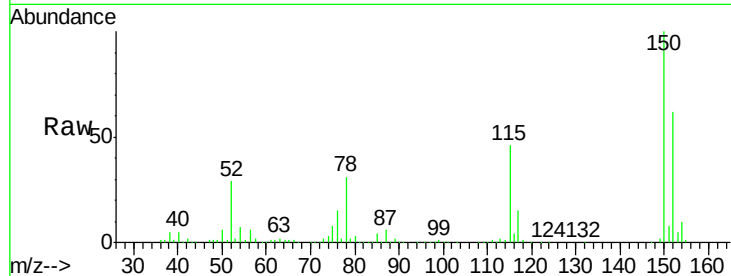
Tgt Ion: 79 Resp: 12881

Ion Ratio Lower Upper

79 100

108 21.8 61.4 92.0#

77 102.1 50.9 76.3#



#19

n-Nitroso-di-n-propylamine

Concen: 16.05 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.09 min

Lab File: BF093315.D

Acq: 2 Mar 2017 11:29

Tgt Ion: 70 Resp: 105679

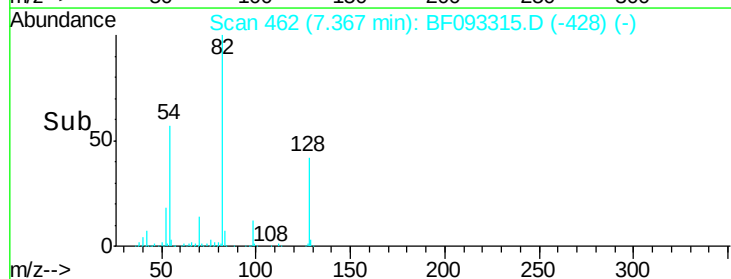
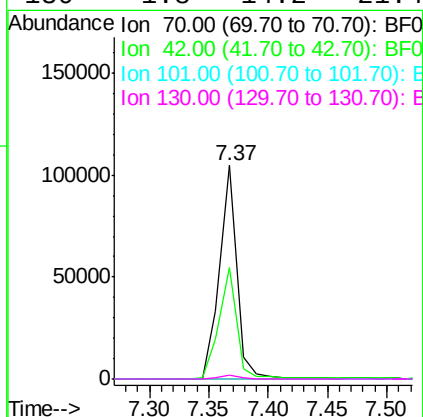
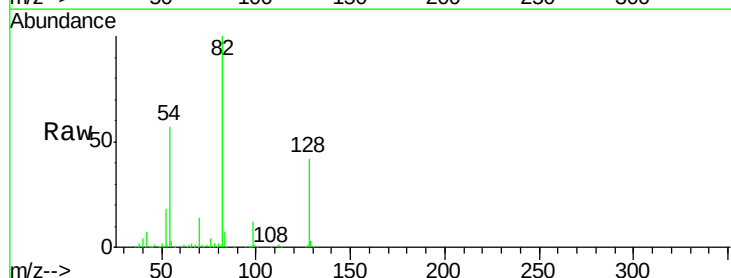
Ion Ratio Lower Upper

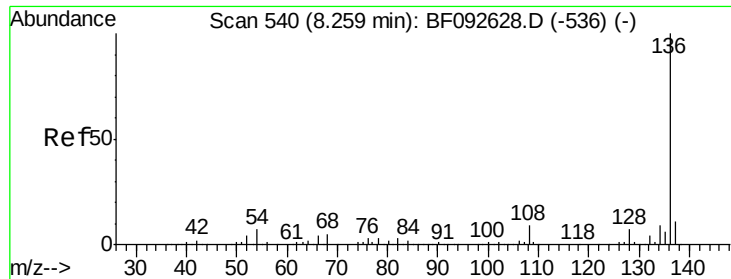
70 100

42 52.2 49.4 74.0

101 0.0 7.4 11.2#

130 1.8 14.2 21.4#

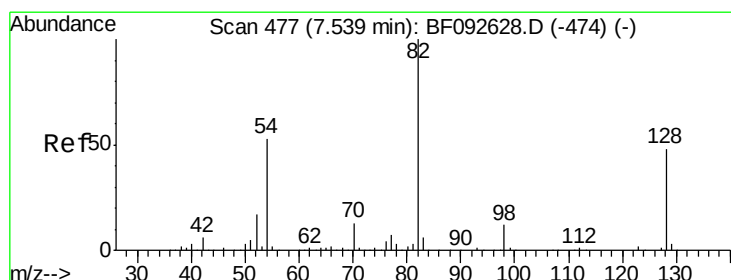
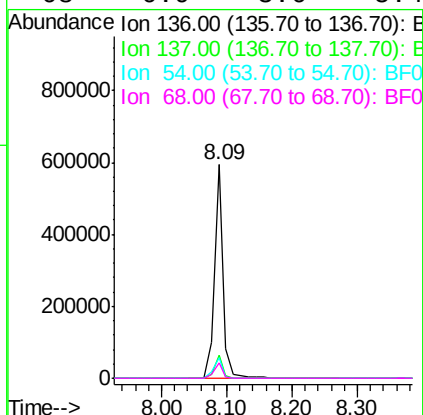
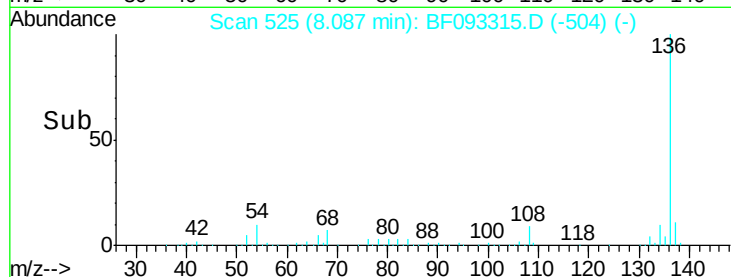
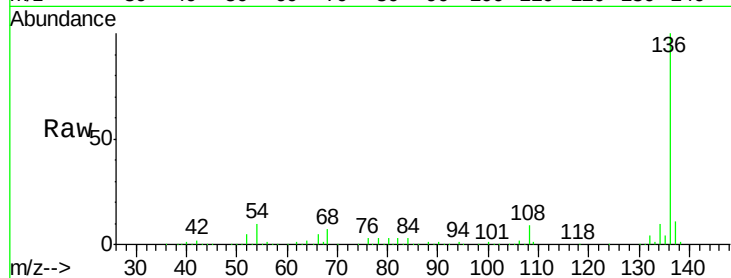




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093315.D
Acq: 2 Mar 2017 11:29

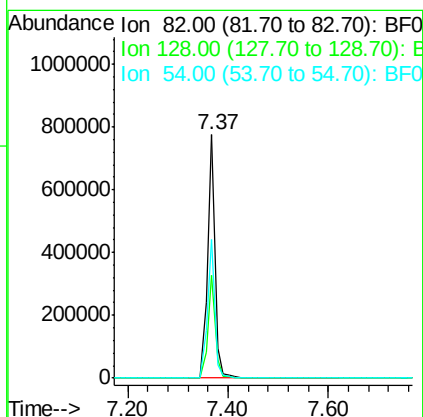
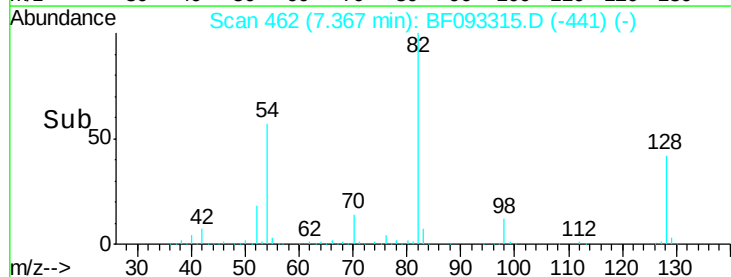
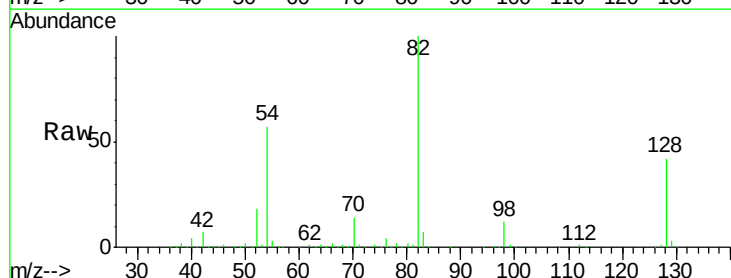
Instrument :
BNA_F
ClientSampleId :
PB97255TB

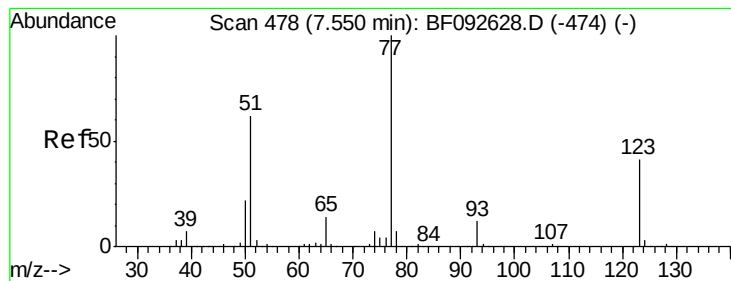
Tgt Ion:	136	Resp:	555603
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	9.8	4.5	6.7#
68	6.9	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 79.72 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF093315.D
Acq: 2 Mar 2017 11:29

Tgt Ion:	82	Resp:	795417
Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	52.0
54	57.0	39.5	59.3





#24

Nitrobenzene

Concen: 0.22 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.08 min

Lab File: BF093315.D

Acq: 2 Mar 2017 11:29

Instrument :

BNA_F

ClientSampled :

PB97255TB

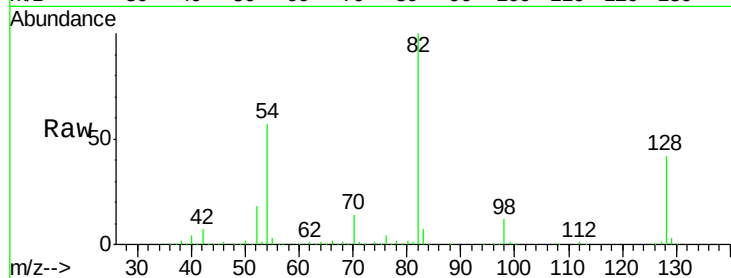
Tgt Ion: 77 Resp: 2237

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.4#

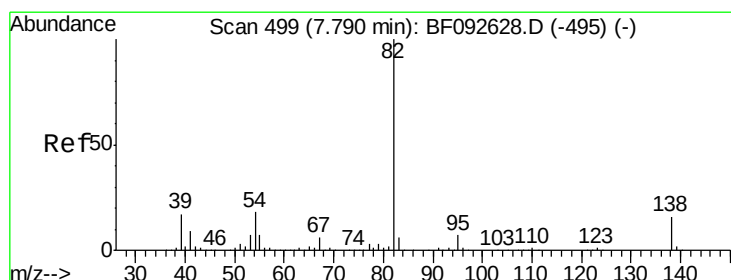
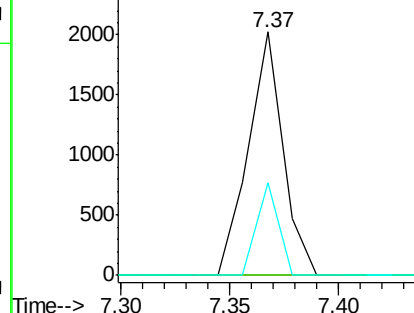
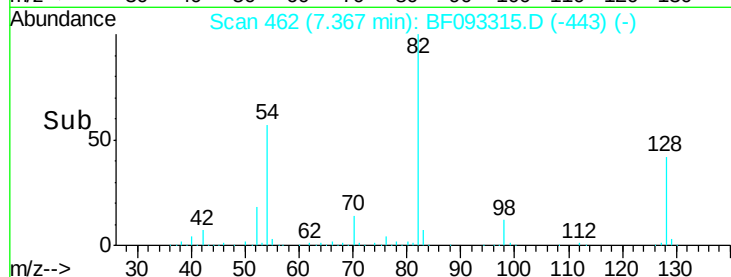
65 38.1 11.2 16.8#



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: 33.82 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.32 min

Lab File: BF093315.D

Acq: 2 Mar 2017 11:29

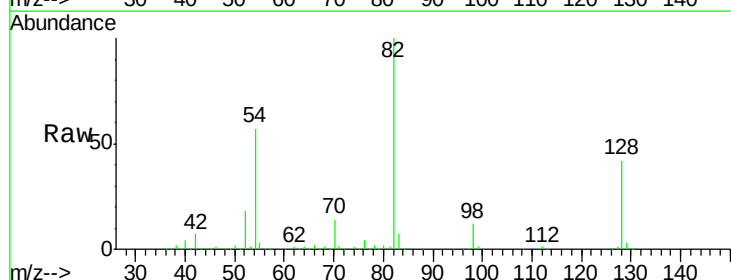
Tgt Ion: 82 Resp: 628758

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

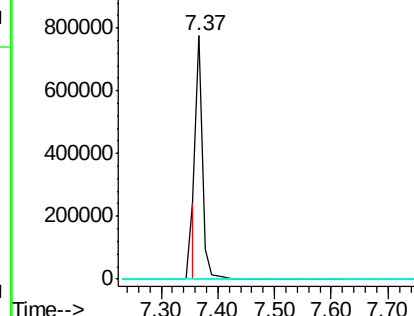
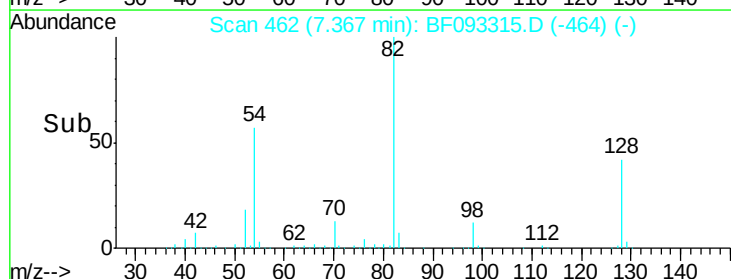
138 0.0 14.6 22.0#

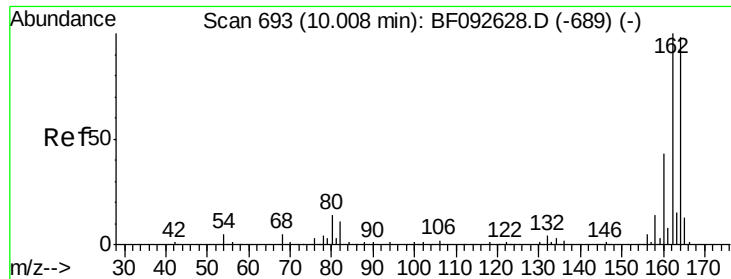


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

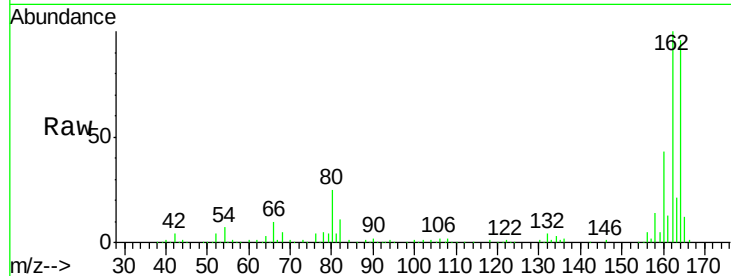




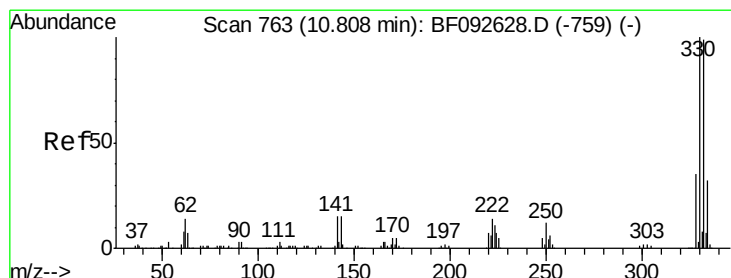
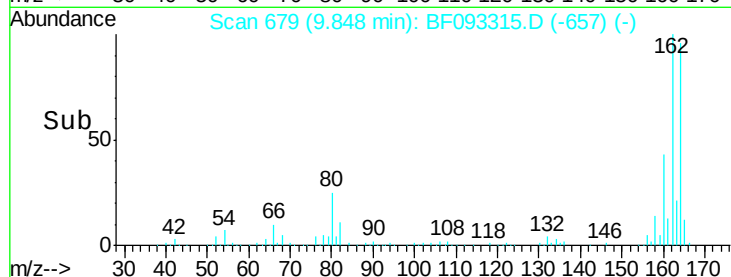
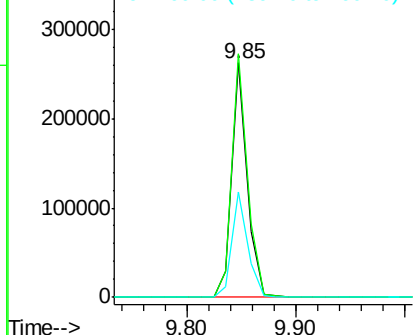
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF093315.D
 Acq: 2 Mar 2017 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB97255TB

Tgt Ion:164 Resp: 255114
 Ion Ratio Lower Upper
 164 100
 162 103.9 80.2 120.2
 160 44.9 36.9 55.3

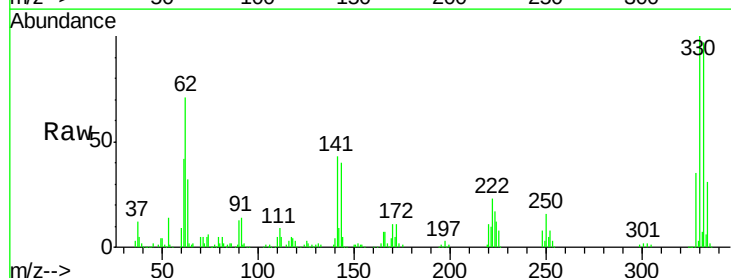


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

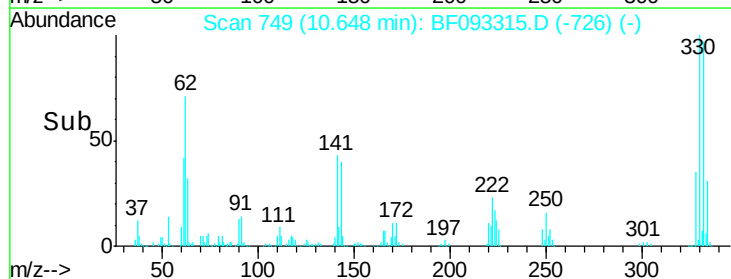
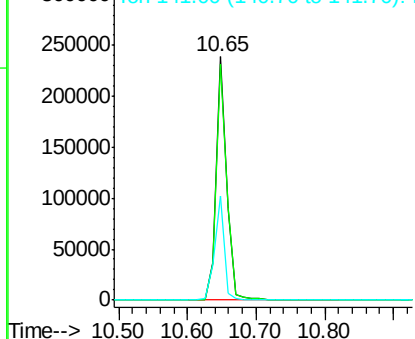


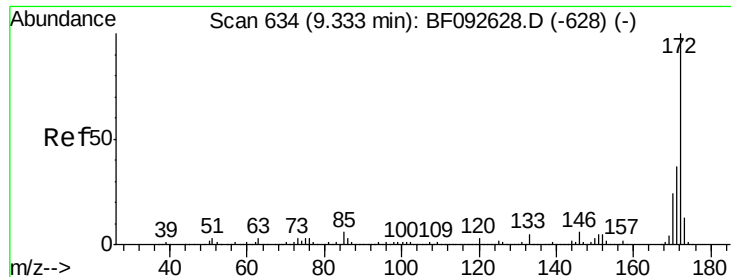
#41
 2,4,6-Tribromophenol
 Concen: 141.50 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093315.D
 Acq: 2 Mar 2017 11:29

Tgt Ion:330 Resp: 261093
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 39.1 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



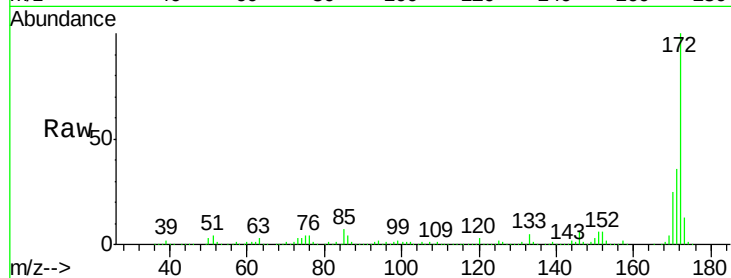


#44
 2-Fluorobiphenyl
 Concen: 100.88 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093315.D
 Acq: 2 Mar 2017 11:29

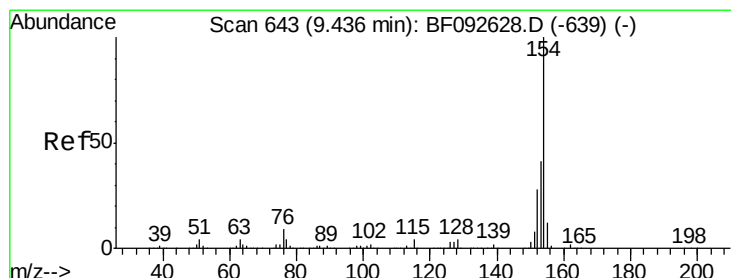
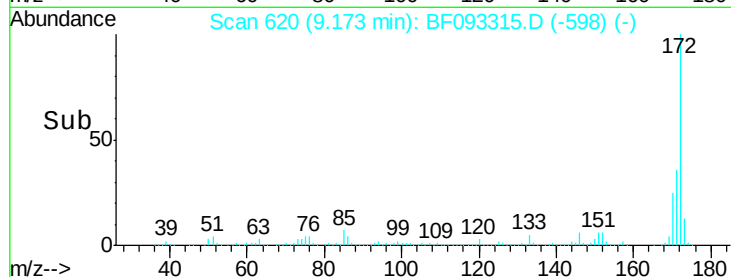
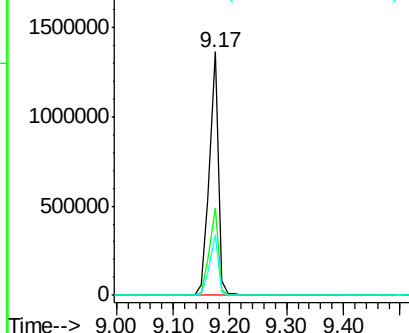
Instrument :
 BNA_F
 ClientSampleId :
 PB97255TB

Tgt Ion:172 Resp: 1420607

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.7	20.2	30.4



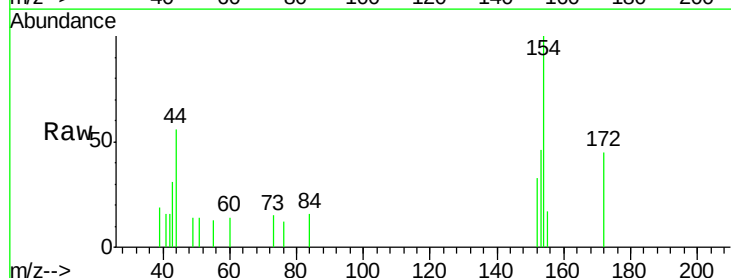
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



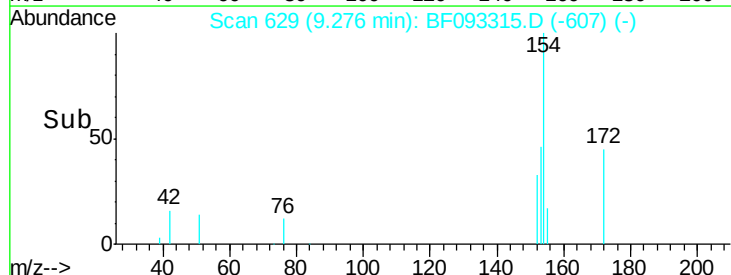
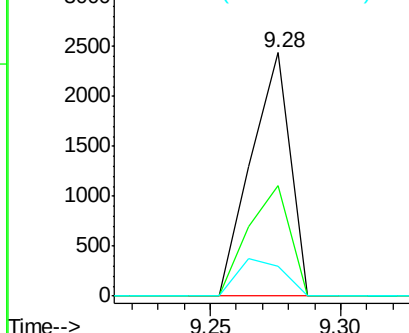
#45
 1,1'-Biphenyl
 Concen: 0.14 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.05 min
 Lab File: BF093315.D
 Acq: 2 Mar 2017 11:29

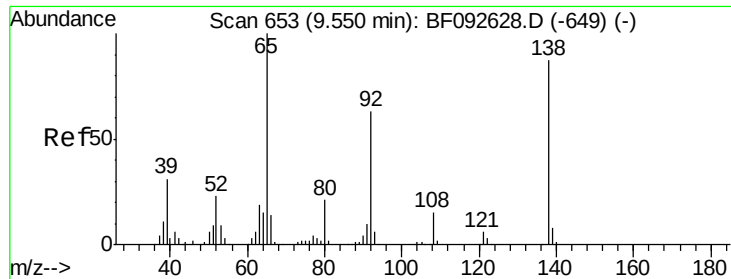
Tgt Ion:154 Resp: 2568

Ion	Ratio	Lower	Upper
154	100		
153	45.6	20.9	60.9
76	12.3	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

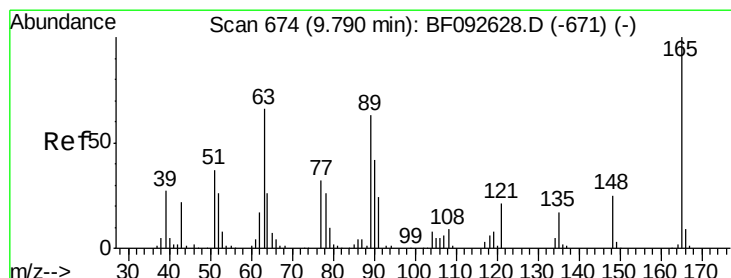
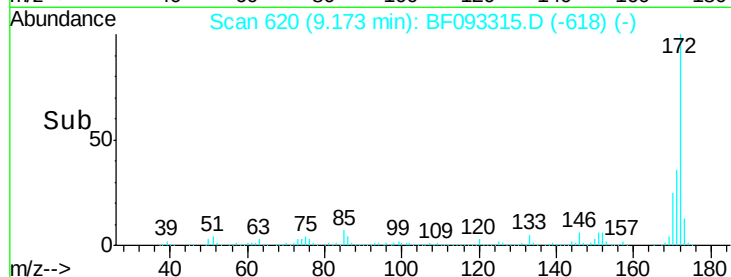
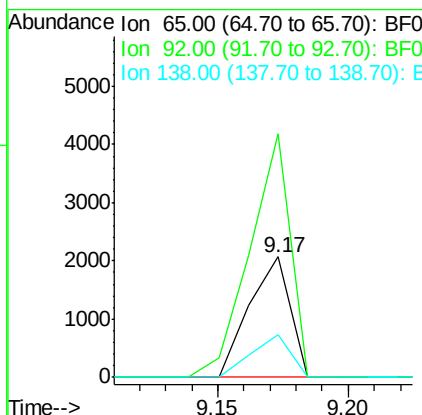
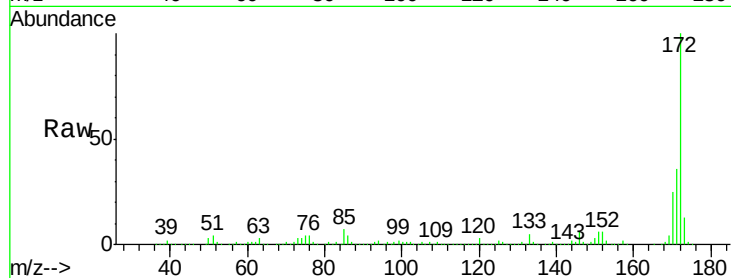




#47
2-Nitroaniline
Concen: 0.47 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.27 min
Lab File: BF093315.D
Acq: 2 Mar 2017 11:29

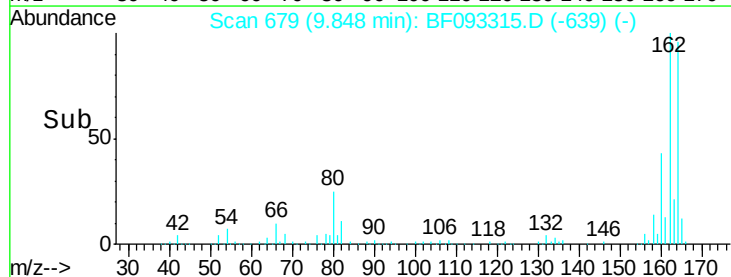
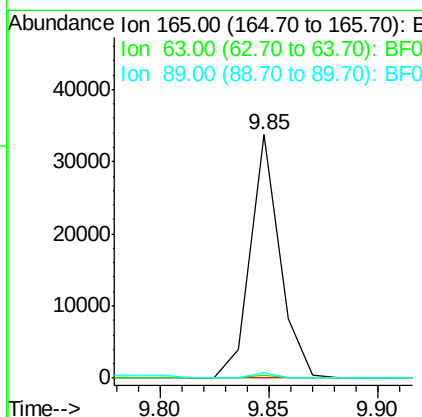
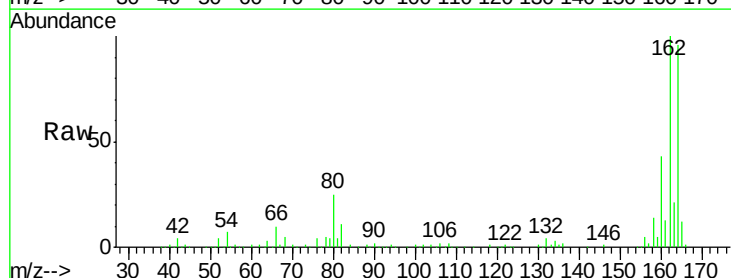
Instrument :
BNA_F
ClientSampleId :
PB97255TB

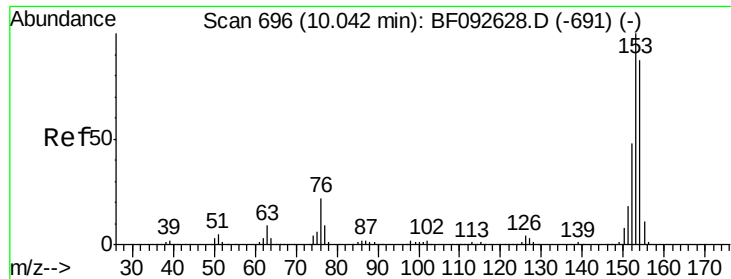
Tgt Ion: 65 Resp: 2270
Ion Ratio Lower Upper
65 100
92 202.7 53.9 80.9#
138 35.0 76.8 115.2#



#50
2,6-Dinitrotoluene
Concen: 8.58 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.16 min
Lab File: BF093315.D
Acq: 2 Mar 2017 11:29

Tgt Ion: 165 Resp: 31858
Ion Ratio Lower Upper
165 100
63 1.2 36.2 54.4#
89 2.2 40.2 60.4#





#51

Acenaphthene

Concen: 0.06 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.08 min

Lab File: BF093315.D

Acq: 2 Mar 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB97255TB

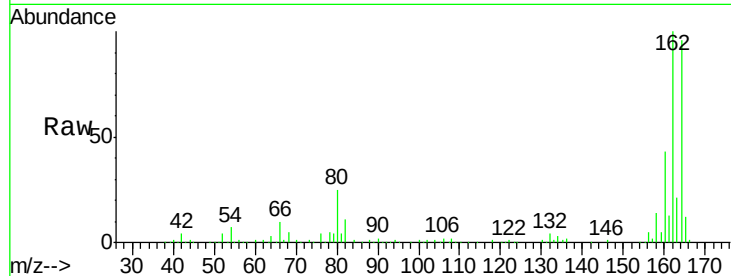
Tgt Ion:154 Resp: 893

Ion Ratio Lower Upper

154 100

153 0.0 88.6 133.0#

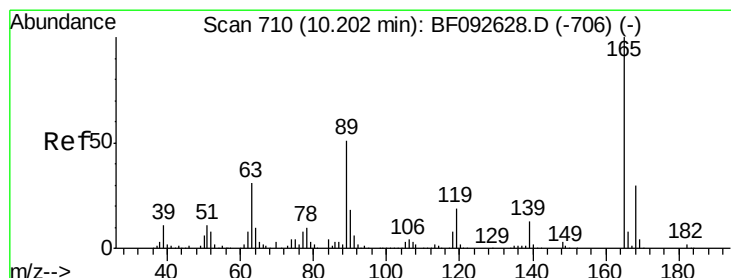
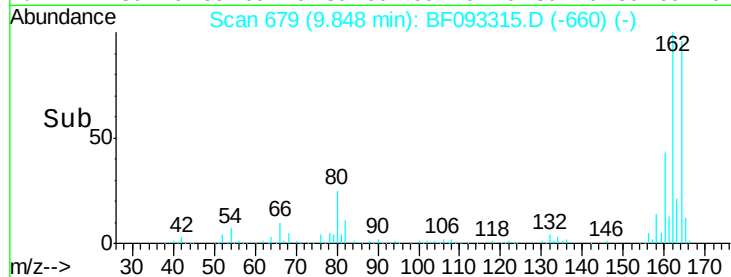
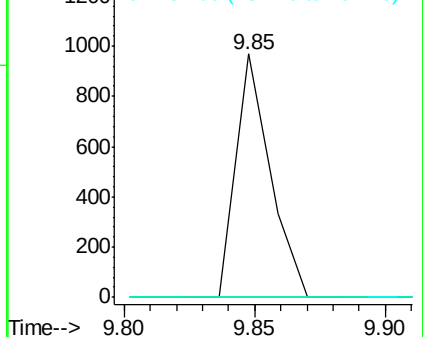
152 0.0 41.6 62.4#



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: 6.45 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.24 min

Lab File: BF093315.D

Acq: 2 Mar 2017 11:29

Tgt Ion:165 Resp: 31859

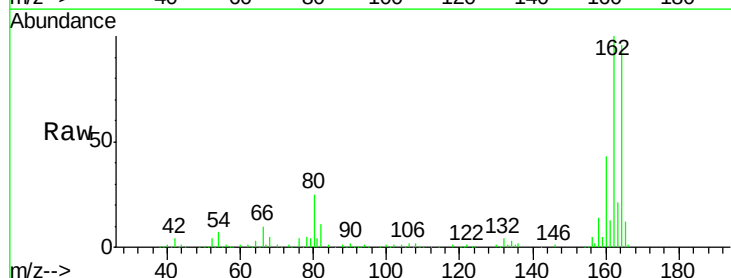
Ion Ratio Lower Upper

165 100

63 1.2 40.2 60.4#

89 2.2 62.5 93.7#

182 0.0 1.8 2.8#

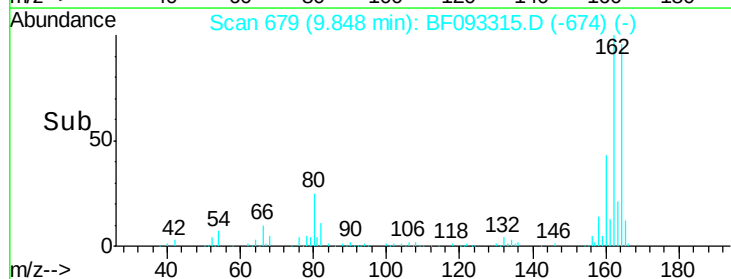
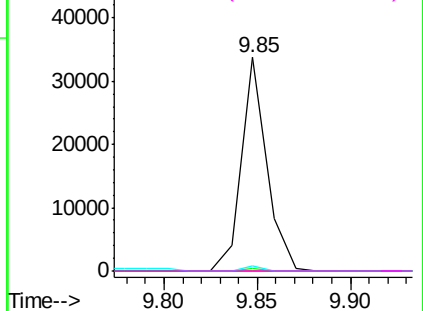


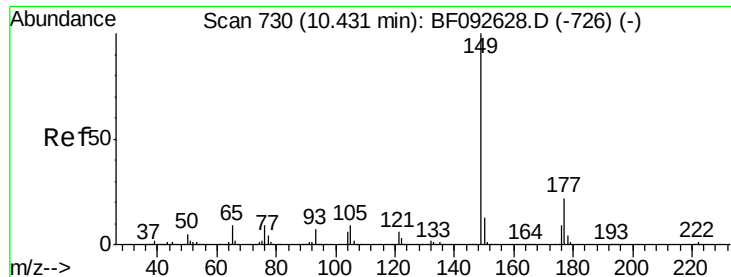
Abundance Ion 165.00 (164.70 to 165.70): E

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

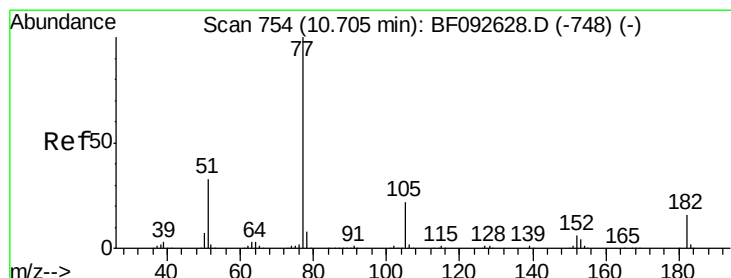
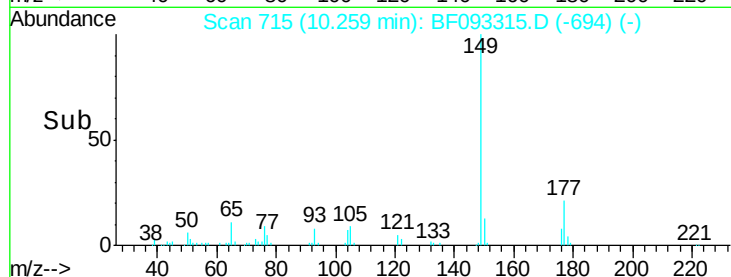
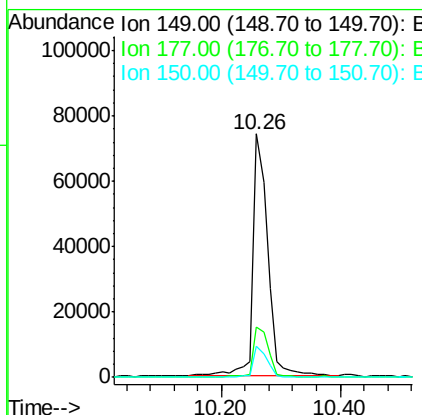
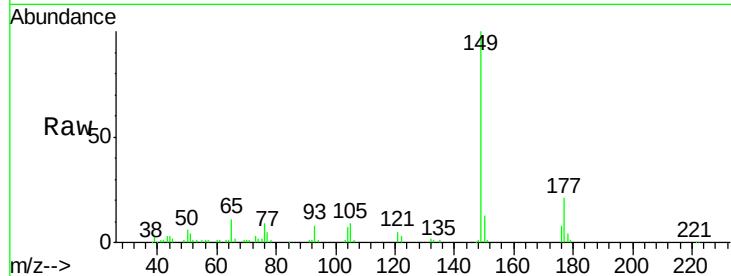




#59
Diethylphthalate
Concen: 7.74 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.06 min
Lab File: BF093315.D
Acq: 2 Mar 2017 11:29

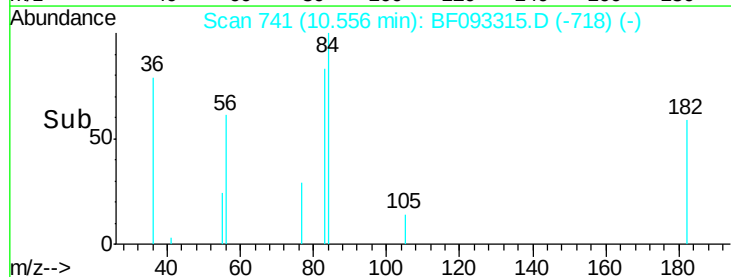
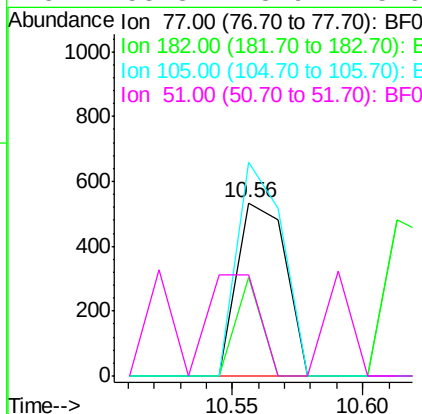
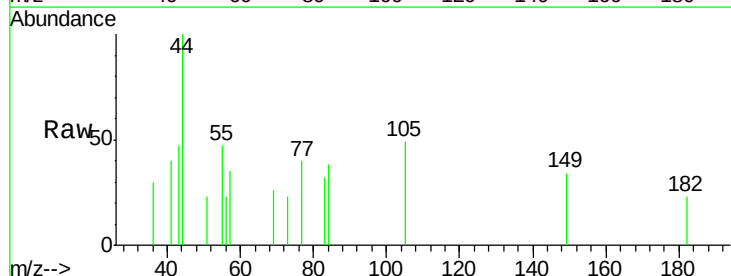
Instrument :
BNA_F
ClientSampleId :
PB97255TB

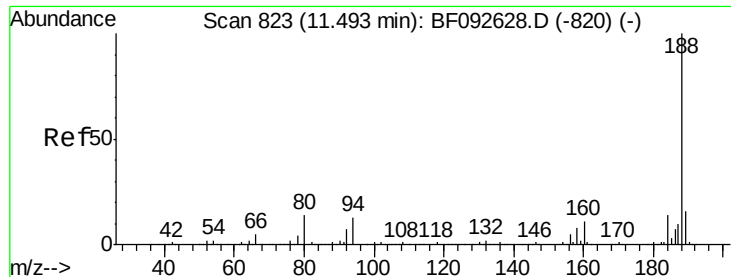
Tgt Ion: 149 Resp: 125313
Ion Ratio Lower Upper
149 100
177 20.7 16.6 25.0
150 12.6 10.4 15.6



#62
Azobenzene
Concen: 0.04 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF093315.D
Acq: 2 Mar 2017 11:29

Tgt Ion: 77 Resp: 697
Ion Ratio Lower Upper
77 100
182 57.0 0.0 39.3#
105 123.6 2.3 42.3#
51 58.3 8.9 48.9#

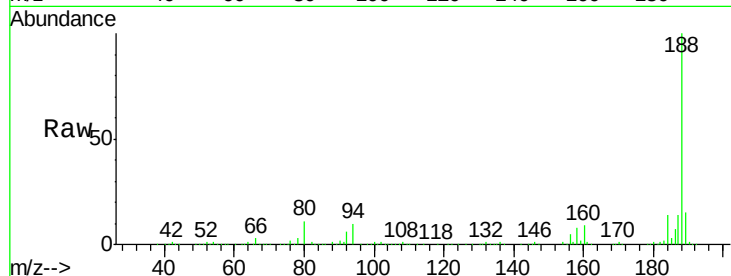




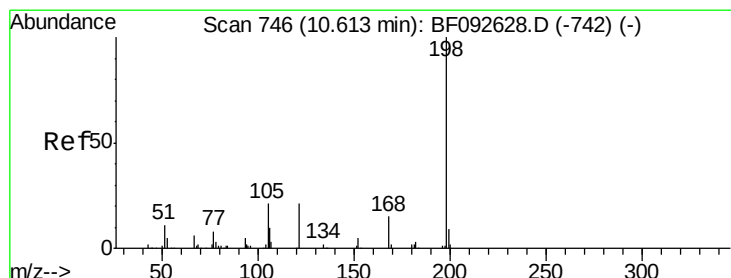
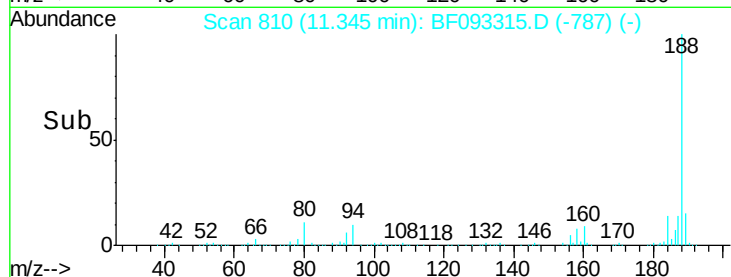
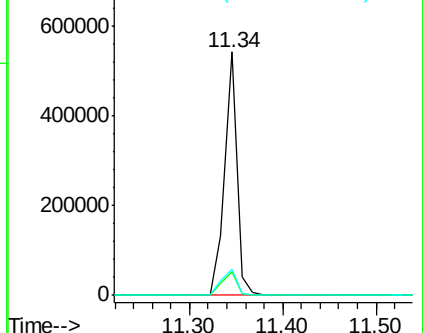
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.03 min
 Lab File: BF093315.D
 Acq: 2 Mar 2017 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB97255TB

Tgt Ion:188 Resp: 500010
 Ion Ratio Lower Upper
 188 100
 94 9.9 10.0 15.0#
 80 10.7 11.2 16.8#

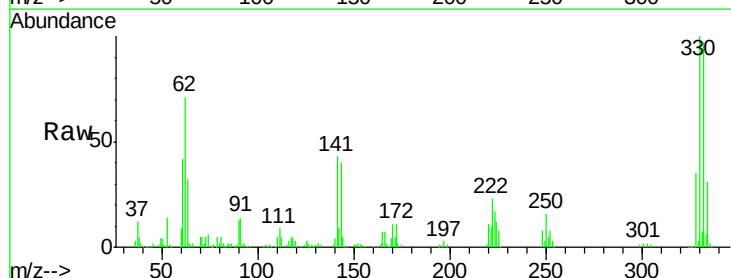


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

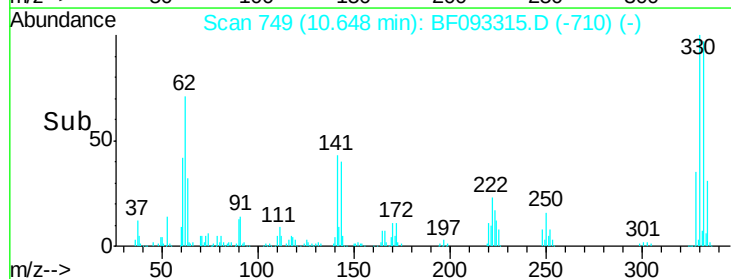
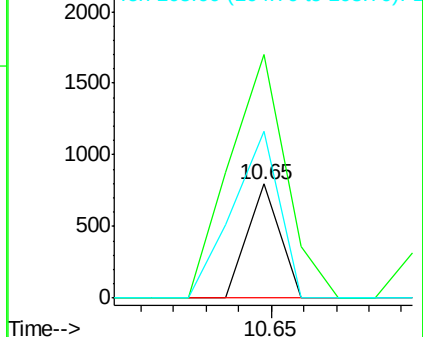


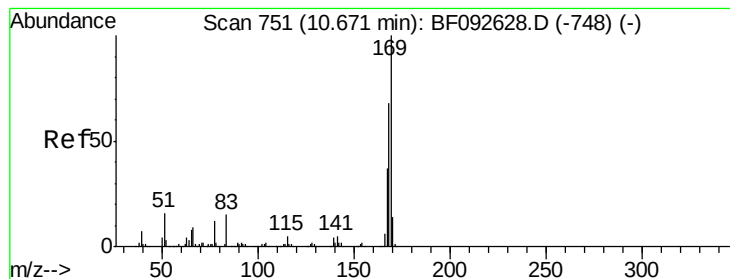
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.84 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.15 min
 Lab File: BF093315.D
 Acq: 2 Mar 2017 11:29

Tgt Ion:198 Resp: 544
 Ion Ratio Lower Upper
 198 100
 51 214.1 6.7 46.7#
 105 147.1 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: 0.57 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.09 min

Lab File: BF093315.D

Acq: 2 Mar 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB97255TB

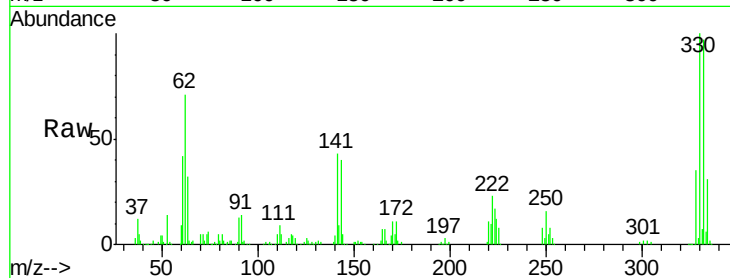
Tgt Ion:169 Resp: 9164

Ion Ratio Lower Upper

169 100

168 6.8 54.2 81.2#

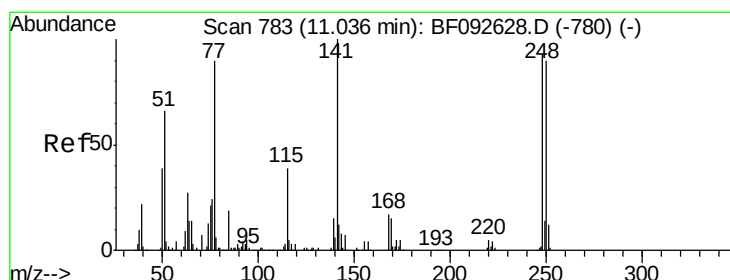
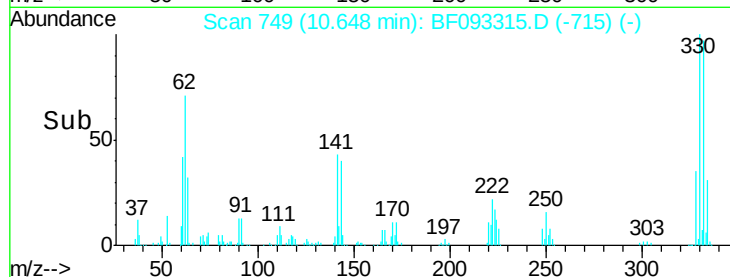
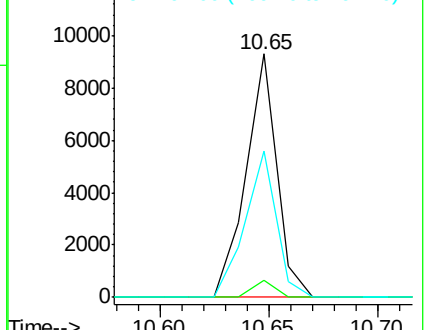
167 60.1 30.2 45.4#



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: 3.75 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.27 min

Lab File: BF093315.D

Acq: 2 Mar 2017 11:29

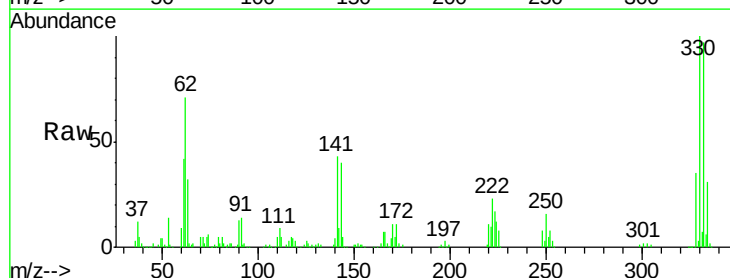
Tgt Ion:248 Resp: 19612

Ion Ratio Lower Upper

248 100

250 188.3 76.9 115.3#

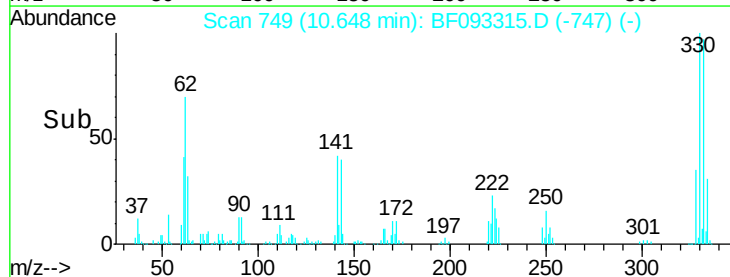
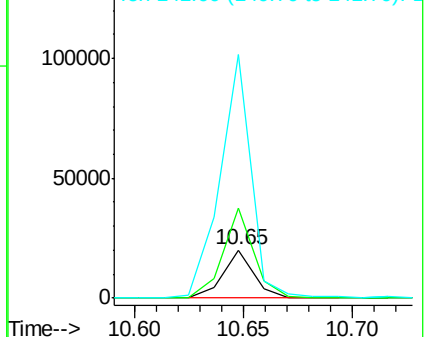
141 508.7 68.2 102.4#

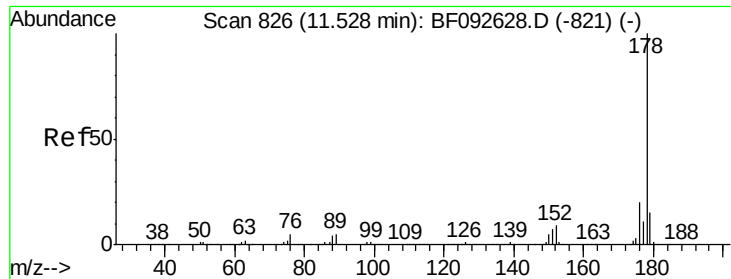


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

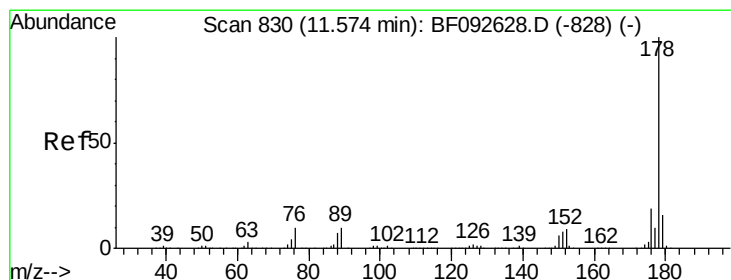
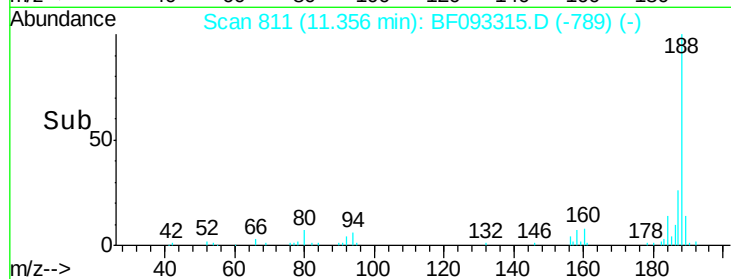
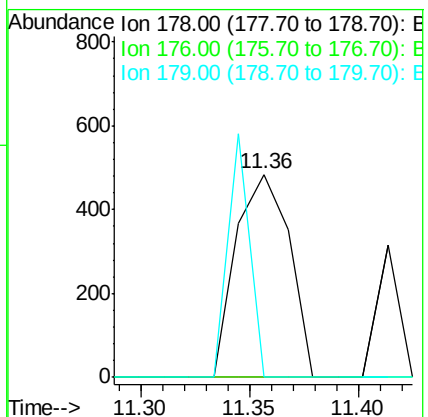
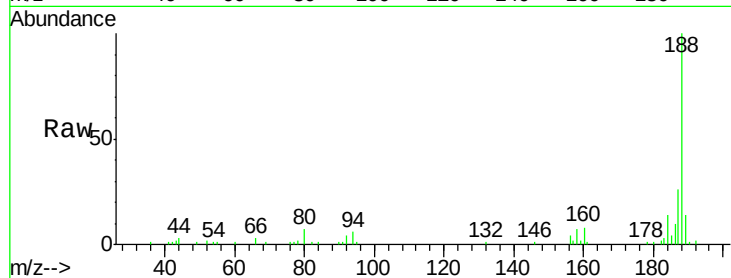




#70
Phenanthrene
Concen: 0.03 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.05 min
Lab File: BF093315.D
Acq: 2 Mar 2017 11:29

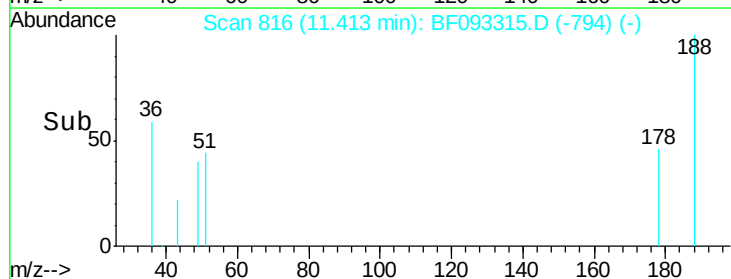
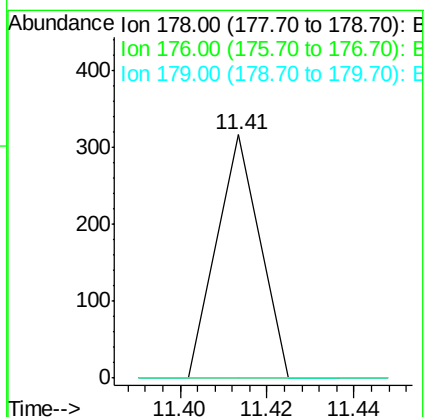
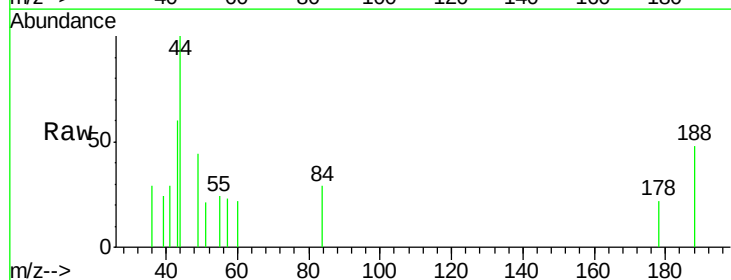
Instrument :
BNA_F
ClientSampleId :
PB97255TB

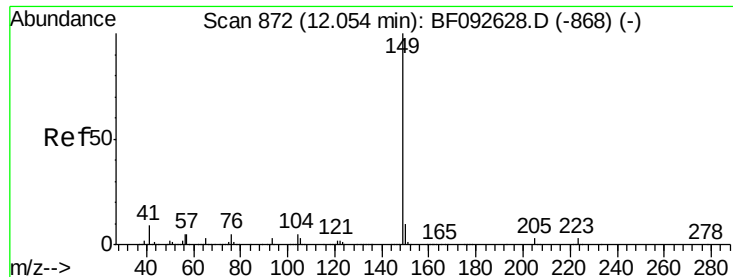
Tgt Ion:178 Resp: 827
Ion Ratio Lower Upper
178 100
176 0.0 16.6 25.0#
179 0.0 12.8 19.2#



#71
Anthracene
Concen: 0.01 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.05 min
Lab File: BF093315.D
Acq: 2 Mar 2017 11:29

Tgt Ion:178 Resp: 217
Ion Ratio Lower Upper
178 100
176 0.0 15.9 23.9#
179 0.0 13.2 19.8#





#73

Di-n-butylphthalate

Concen: 0.24 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.03 min

Lab File: BF093315.D

Acq: 2 Mar 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB97255TB

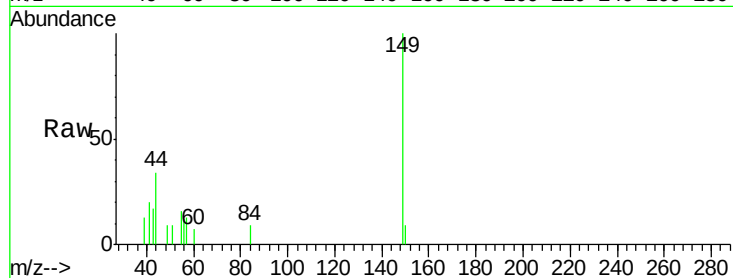
Tgt Ion:149 Resp: 7015

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

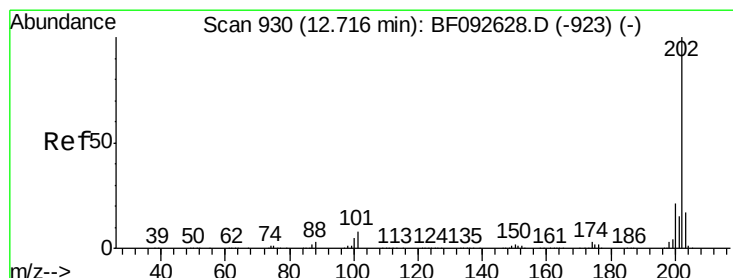
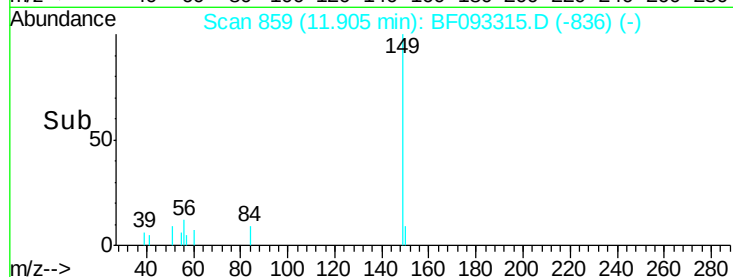
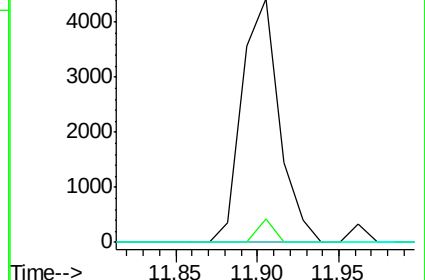
104 0.0 4.6 7.0#



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



#74

Fluoranthene

Concen: 0.01 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF093315.D

Acq: 2 Mar 2017 11:29

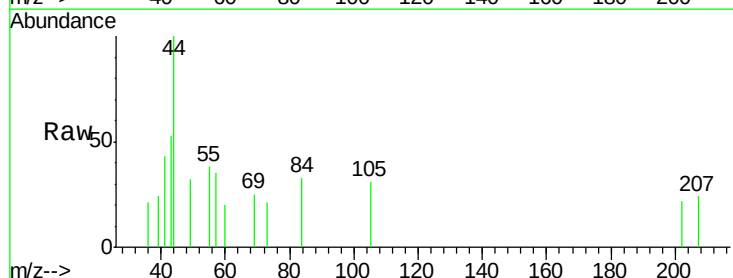
Tgt Ion:202 Resp: 223

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

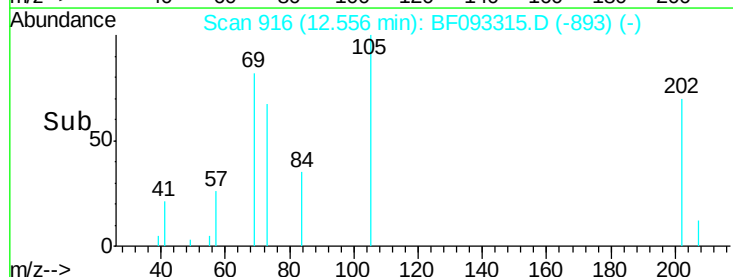
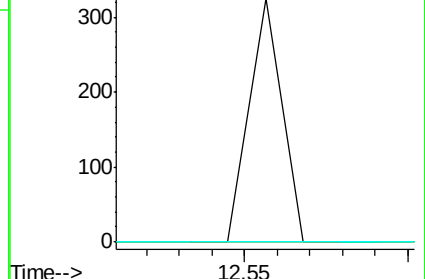
203 0.0 0.0 38.7

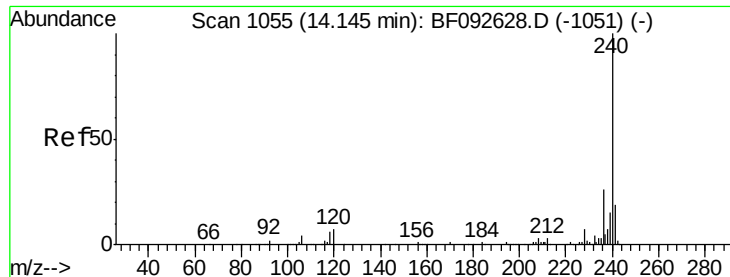


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

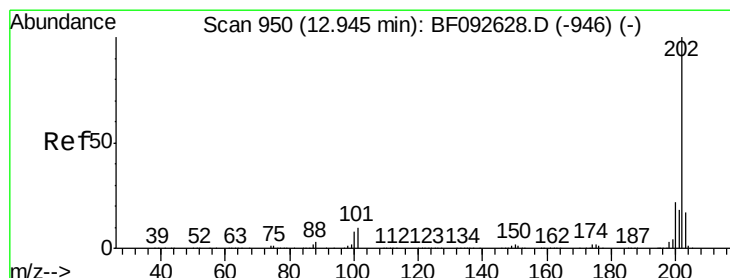
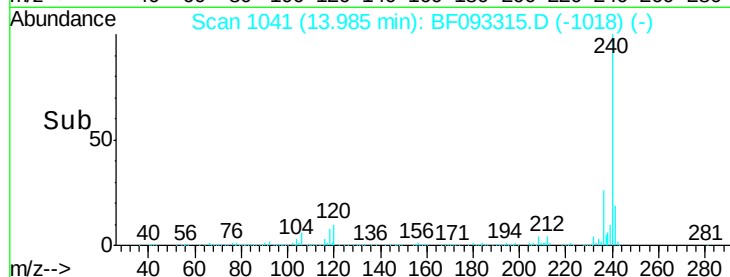
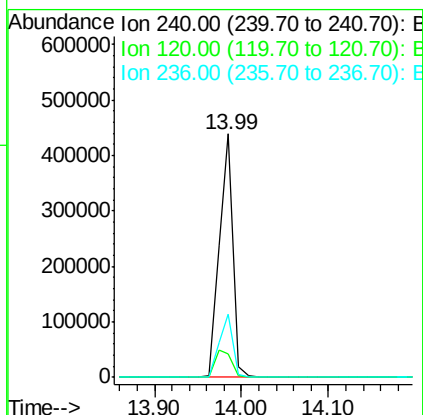
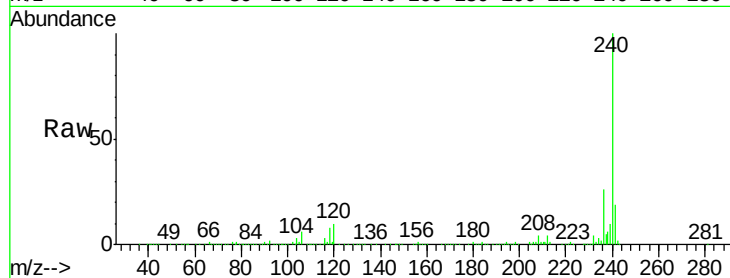




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF093315.D
Acq: 2 Mar 2017 11:29

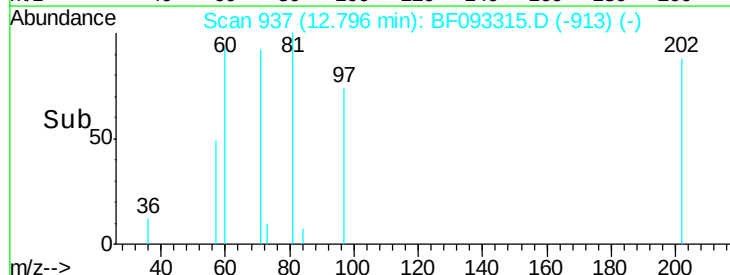
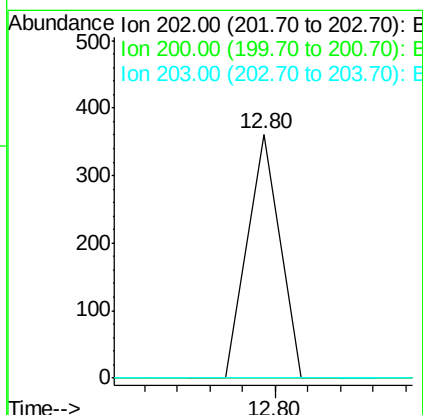
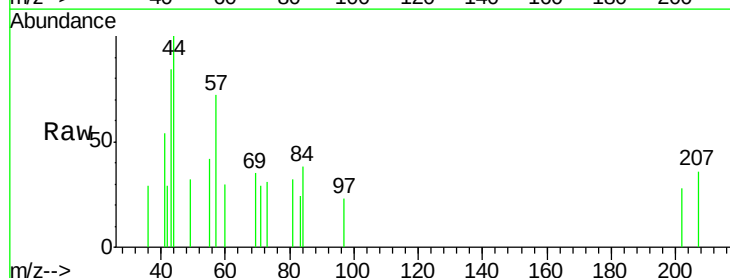
Instrument :
BNA_F
ClientSampleId :
PB97255TB

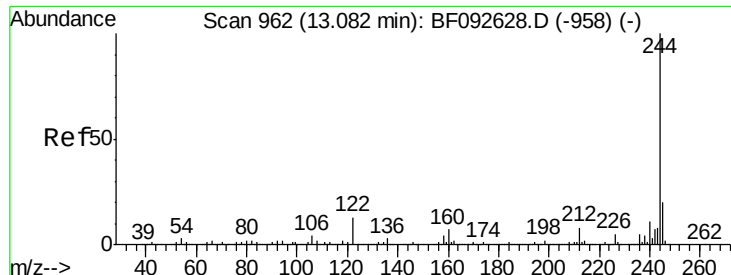
Tgt Ion:240 Resp: 485874
Ion Ratio Lower Upper
240 100
120 9.5 12.9 19.3#
236 25.7 20.9 31.3



#77
Pyrene
Concen: 0.01 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.02 min
Lab File: BF093315.D
Acq: 2 Mar 2017 11:29

Tgt Ion:202 Resp: 248
Ion Ratio Lower Upper
202 100
200 0.0 17.7 26.5#
203 0.0 14.7 22.1#

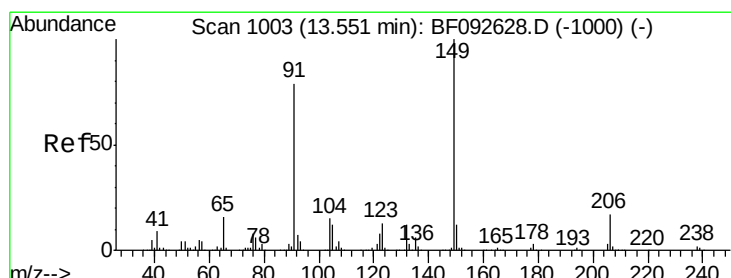
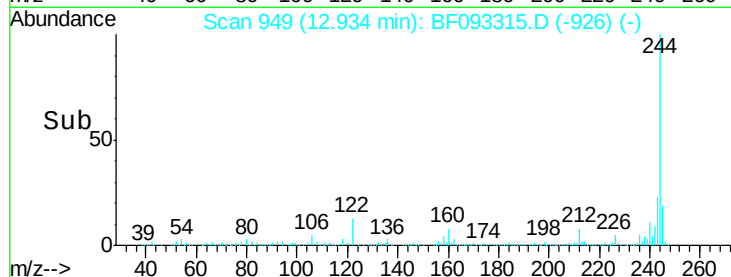
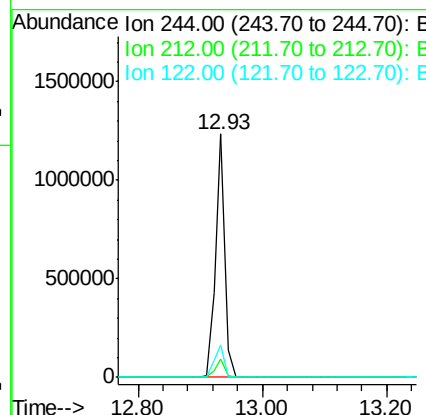
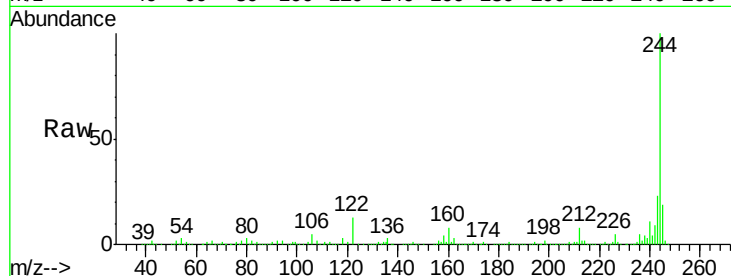




#78
 Terphenyl-d14
 Concen: 60.81 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BF093315.D
 Acq: 2 Mar 2017 11:29

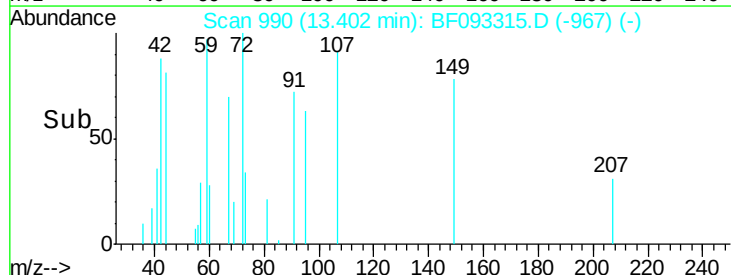
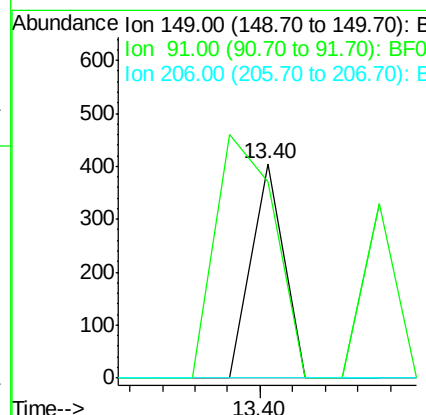
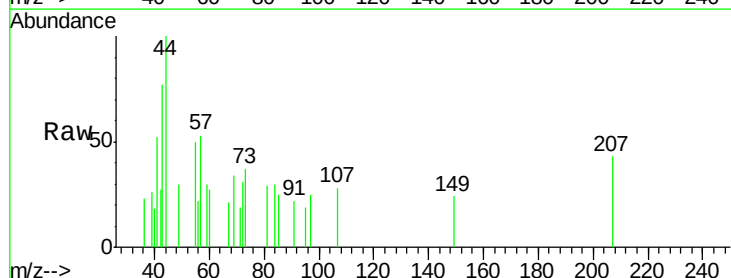
Instrument :
 BNA_F
 ClientSampleId :
 PB97255TB

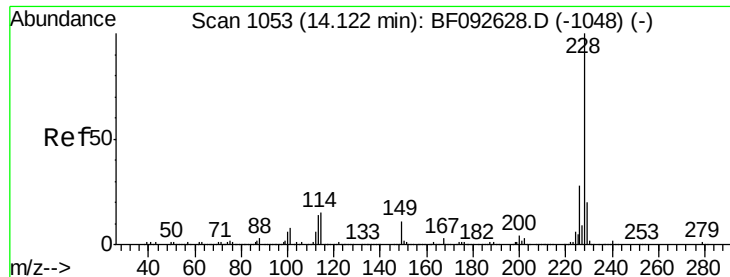
Tgt Ion:244 Resp: 1257527
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.2 11.4 17.2



#79
 Butylbenzylphthalate
 Concen: 0.02 ng
 RT: 13.40 min Scan# 990
 Delta R.T. -0.03 min
 Lab File: BF093315.D
 Acq: 2 Mar 2017 11:29

Tgt Ion:149 Resp: 278
 Ion Ratio Lower Upper
 149 100
 91 91.6 63.9 95.9
 206 0.0 14.6 21.8#





#80

Benzo(a)anthracene

Concen: 0.07 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF093315.D

Acq: 2 Mar 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB97255TB

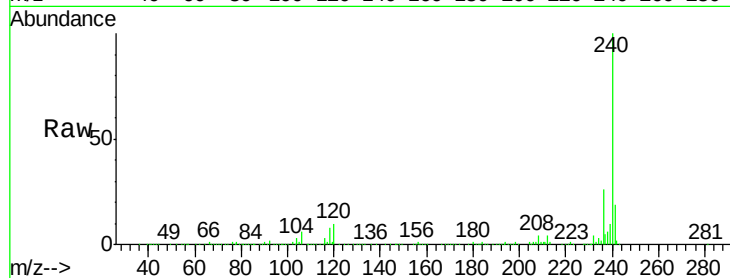
Tgt Ion:228 Resp: 2216

Ion Ratio Lower Upper

228 100

226 0.0 22.4 33.6#

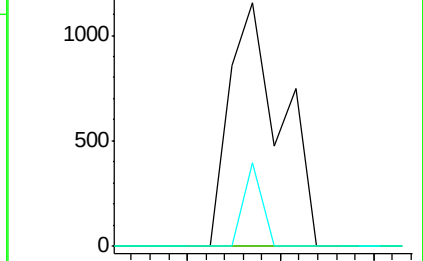
229 34.6 16.2 24.4#



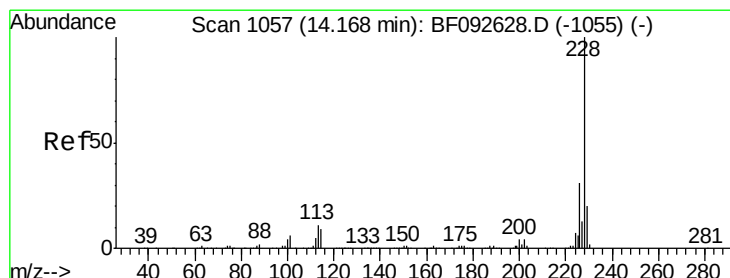
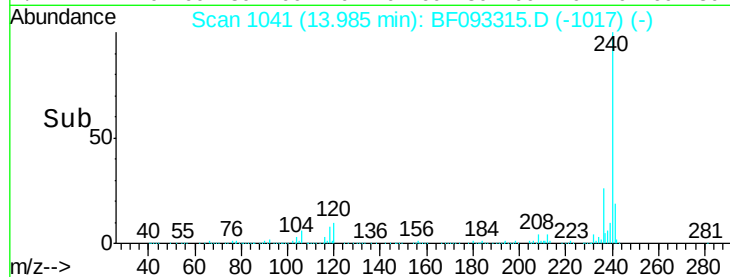
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

Chrysene

Concen: 0.08 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.06 min

Lab File: BF093315.D

Acq: 2 Mar 2017 11:29

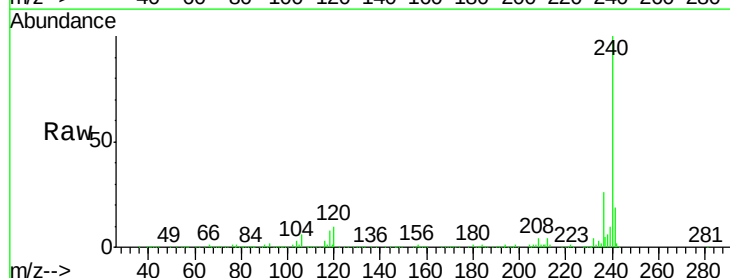
Tgt Ion:228 Resp: 2216

Ion Ratio Lower Upper

228 100

226 0.0 25.4 38.0#

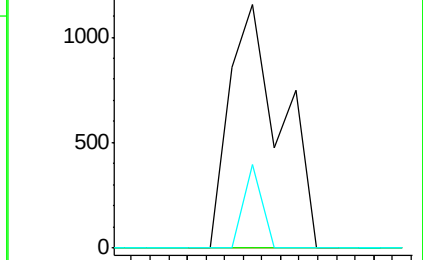
229 34.6 16.2 24.2#



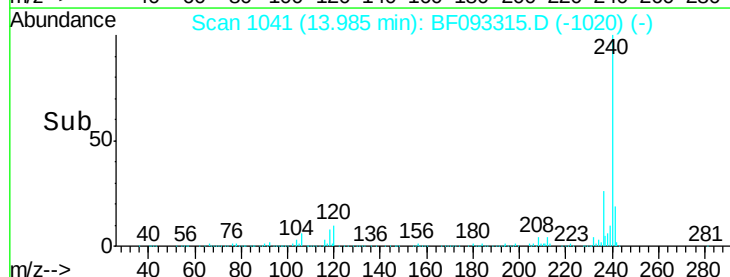
Abundance Ion 228.00 (227.70 to 228.70): E

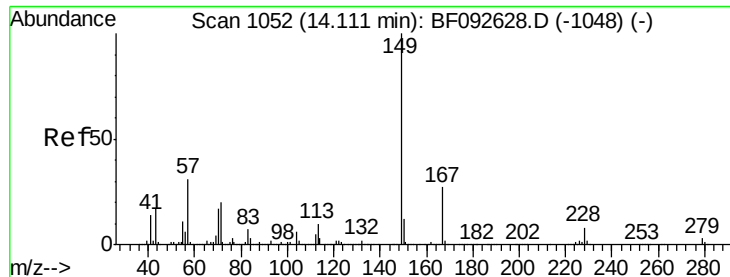
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.49 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF093315.D

Acq: 2 Mar 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB97255TB

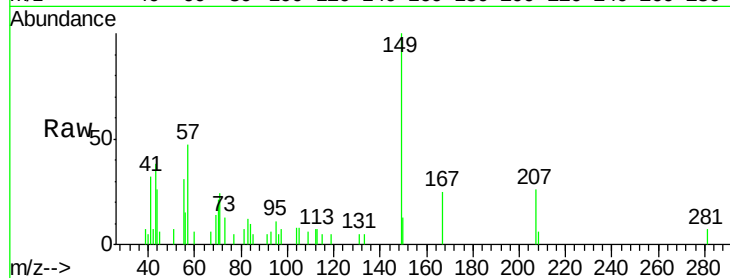
Tgt Ion:149 Resp: 9889

Ion Ratio Lower Upper

149 100

167 25.0 20.2 30.4

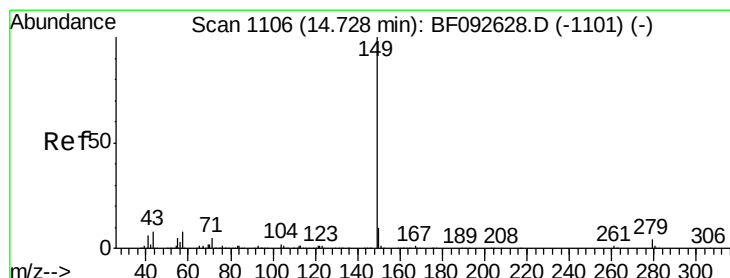
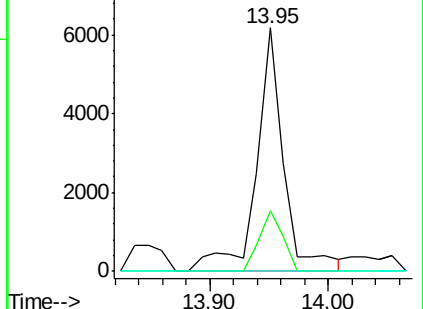
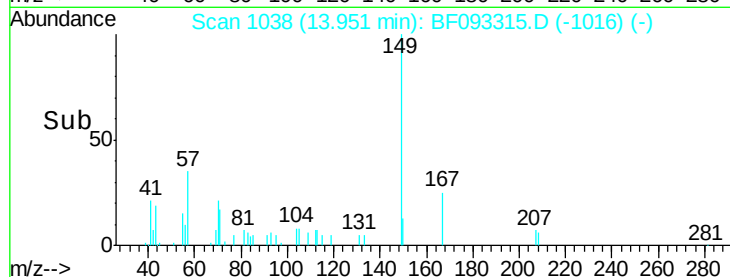
279 0.0 1.8 2.8#



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: 0.13 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.05 min

Lab File: BF093315.D

Acq: 2 Mar 2017 11:29

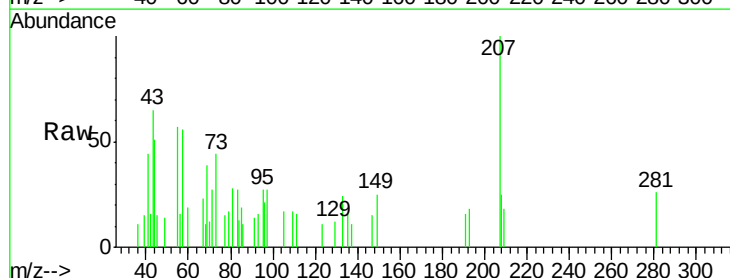
Tgt Ion:149 Resp: 4361

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

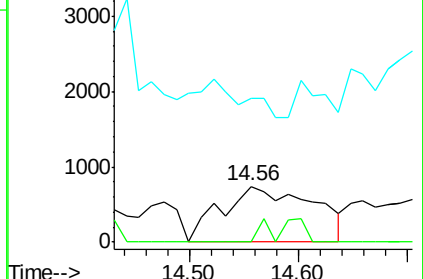
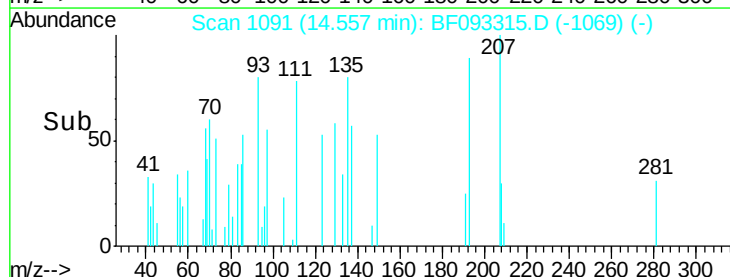
43 0.0 8.9 13.3#

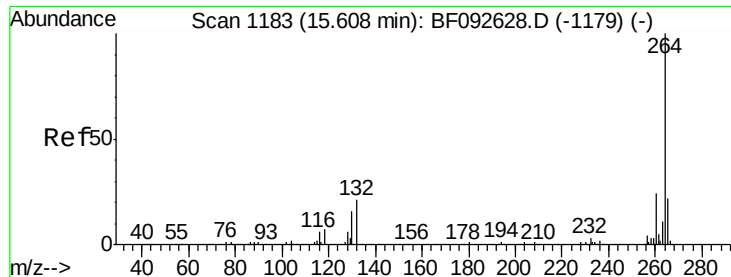


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

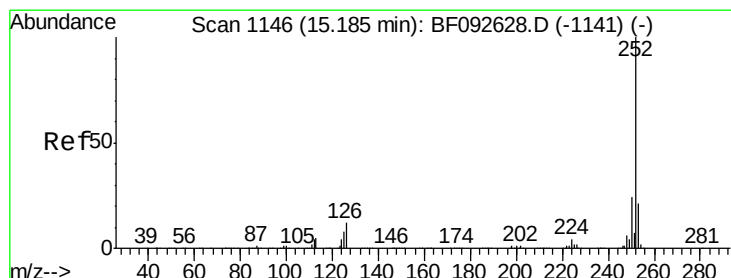
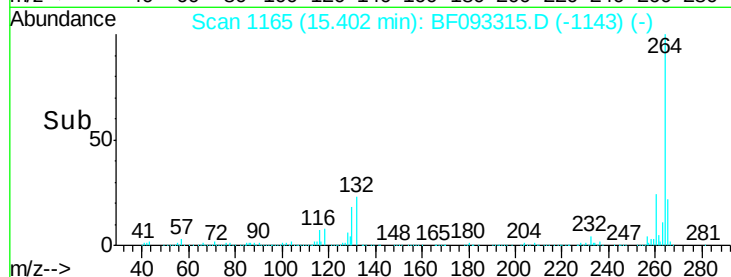
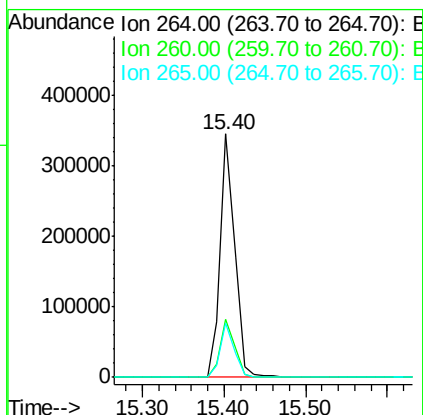
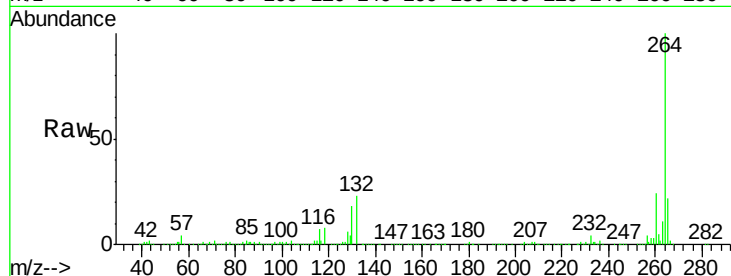




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF093315.D
Acq: 2 Mar 2017 11:29

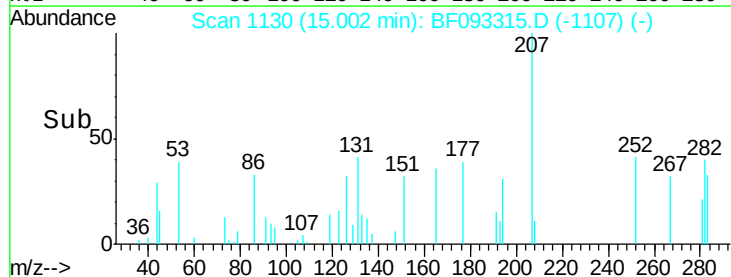
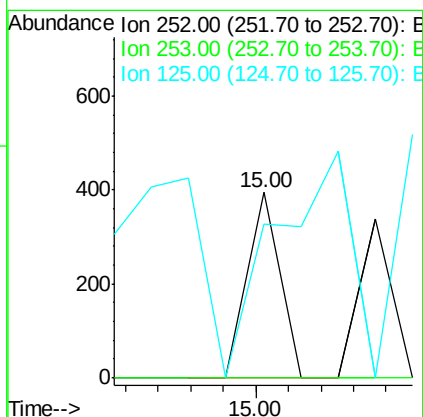
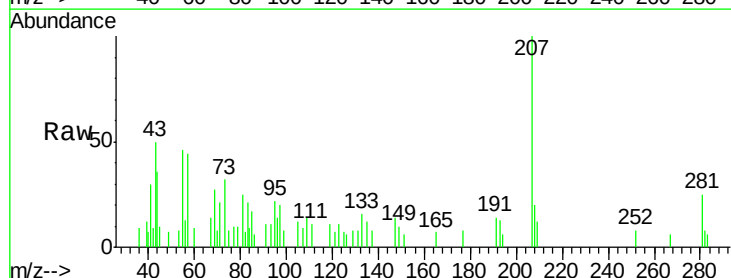
Instrument :
BNA_F
ClientSampleId :
PB97255TB

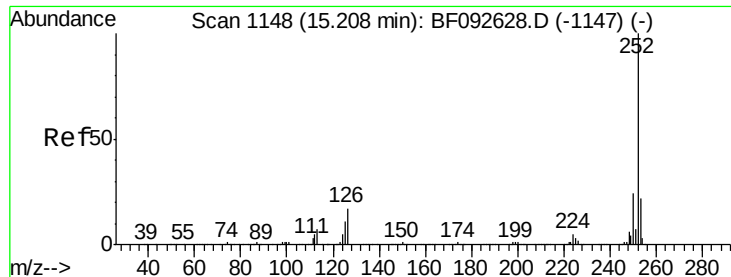
Tgt Ion: 264 Resp: 426034
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 22.1 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF093315.D
Acq: 2 Mar 2017 11:29

Tgt Ion: 252 Resp: 271
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.4#
125 82.5 9.8 14.6#

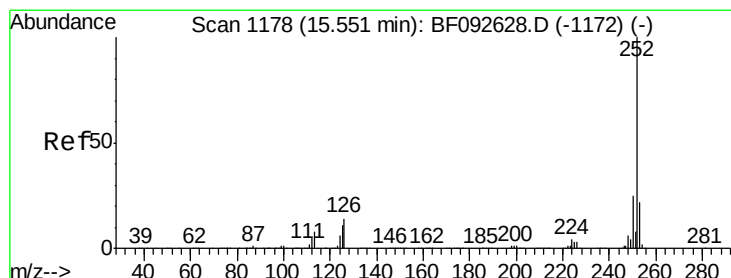
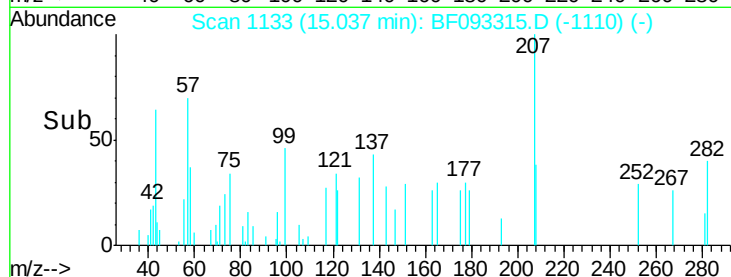
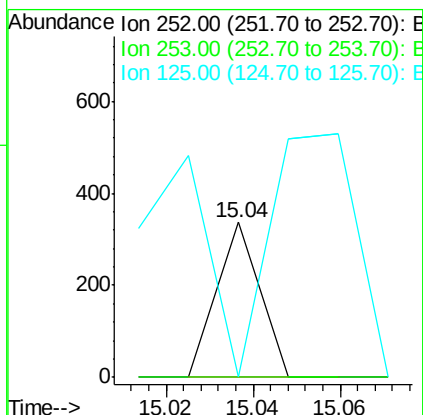
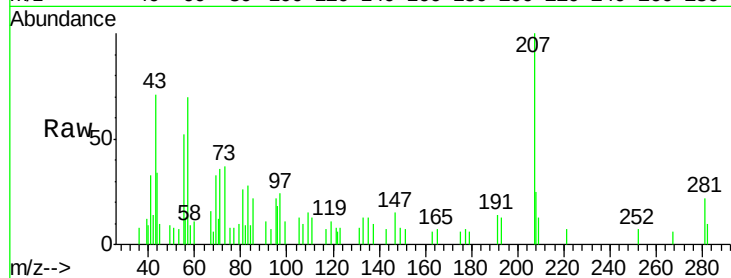




#88
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BF093315.D
Acq: 2 Mar 2017 11:29

Instrument :
BNA_F
ClientSampleId :
PB97255TB

Tgt Ion:252 Resp: 231
Ion Ratio Lower Upper
252 100
253 0.0 18.5 27.7#
125 0.0 8.9 13.3#



#89
Benzo(a)pyrene
Concen: 0.04 ng
RT: 15.40 min Scan# 1165
Delta R.T. 0.01 min
Lab File: BF093315.D
Acq: 2 Mar 2017 11:29

Tgt Ion:252 Resp: 1077
Ion Ratio Lower Upper
252 100
253 48.0 18.2 27.2#
125 75.0 10.0 15.0#

