

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093317.D
 Acq On : 2 Mar 2017 12:24
 Operator : SJ/MA
 Sample : PB97255BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97255BL

Quant Time: Mar 03 00:10:00 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	141029	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	575167	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	285882	20.00	ng	-0.05
63) Phenanthrene-d10	11.34	188	553782	20.00	ng	-0.03
75) Chrysene-d12	13.97	240	492580	20.00	ng	-0.05
86) Perylene-d12	15.40	264	446483	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1043135	126.90	ng	-0.06
7) Phenol-d6	6.44	99	1186116	112.14	ng	-0.05
23) Nitrobenzene-d5	7.37	82	825636	79.94	ng	-0.06
41) 2,4,6-Tribromophenol	10.65	330	253362	122.53	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1423986	90.24	ng	-0.05
78) Terphenyl-d14	12.93	244	1345727	64.19	ng	-0.03

Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.08	42	217	0.04	ng	# 1
6) Aniline	6.57	93	1553	0.11	ng	# 1
8) 2-Chlorophenol	6.57	128	582	0.06	ng	# 1
9) Benzaldehyde	6.44	77	1303	0.17	ng	# 1
10) Phenol	6.45	94	647	0.05	ng	# 1
11) bis(2-Chloroethyl)ether	6.57	93	1553	0.16	ng	# 1
12) 1,3-Dichlorobenzene	6.97	146	309	0.03	ng	# 1
13) 1,4-Dichlorobenzene	6.97	146	309	0.03	ng	# 25
14) 1,2-Dichlorobenzene	6.97	146	309	0.03	ng	# 27
15) Benzyl Alcohol	6.94	79	12199	1.56	ng	# 44
19) n-Nitroso-di-n-propylamine	7.37	70	108227	16.07	ng	# 81
24) Nitrobenzene	7.37	77	1896	0.18	ng	# 44
25) Isophorone	7.37	82	630393	32.75	ng	# 65
45) 1,1'-Biphenyl	9.28	154	2203	0.11	ng	# 90
47) 2-Nitroaniline	9.17	65	2109	0.39	ng	# 1
50) 2,6-Dinitrotoluene	9.85	165	36246	8.72	ng	# 31
51) Acenaphthene	9.85	154	952	0.06	ng	# 5
56) 2,4-Dinitrotoluene	9.85	165	36248	6.55	ng	# 20
59) Diethylphthalate	10.27	149	39544	2.18	ng	# 97
62) Azobenzene	10.65	77	1693	0.09	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.65	198	564	2.83	ng	# 1
65) n-Nitrosodiphenylamine	10.65	169	9663	0.55	ng	# 45
66) 4-Bromophenyl-phenylether	10.65	248	19442	3.36	ng	# 1
70) Phenanthrene	11.36	178	235	0.01	ng	# 58
71) Anthracene	11.36	178	235	0.01	ng	# 59
73) Di-n-butylphthalate	11.90	149	2560	0.08	ng	# 76
74) Fluoranthene	12.79	202	219	0.01	ng	# 61
77) Pyrene	12.79	202	219	0.01	ng	# 56
80) Benzo(a)anthracene	13.97	228	2425	0.08	ng	# 60
82) Chrysene	13.97	228	2425	0.09	ng	# 57
83) Bis(2-ethylhexyl)phthalate	13.95	149	3462	0.17	ng	# 94
84) Di-n-octyl phthalate	14.56	149	739	0.02	ng	# 1
87) Benzo(b)fluoranthene	15.00	252	623	0.02	ng	# 58
88) Benzo(k)fluoranthene	15.00	252	623	0.02	ng	# 58

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

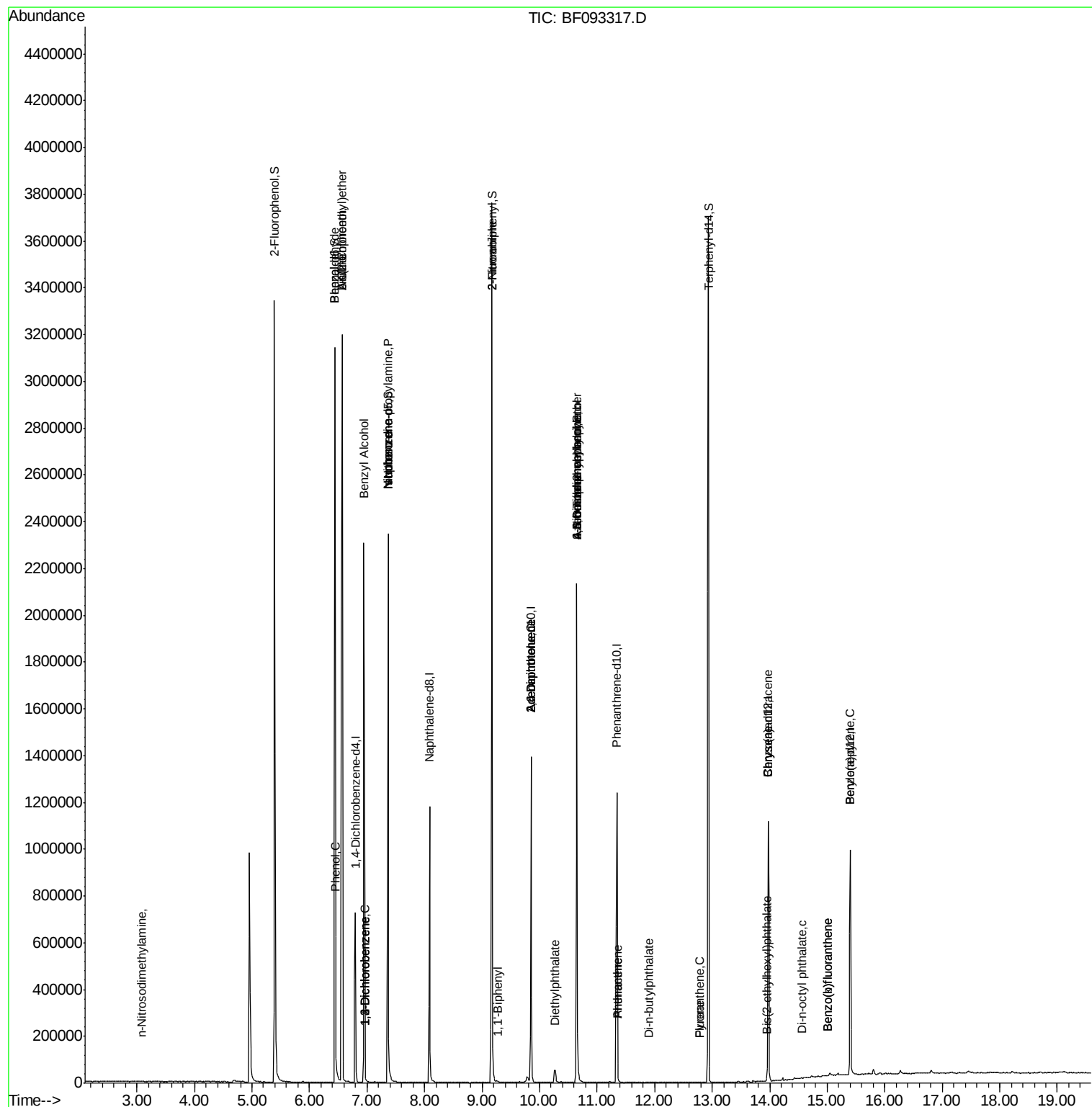
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(a)pyrene	15.40	252	1682	0.07	ng	# 53

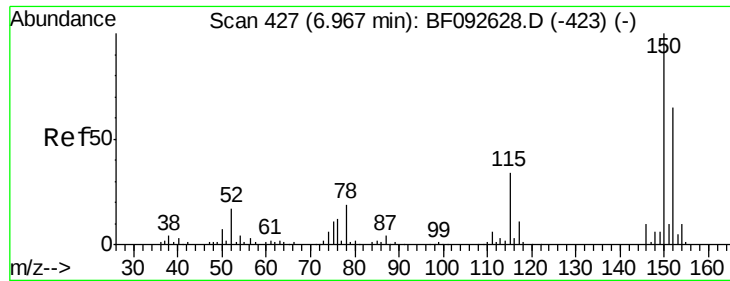
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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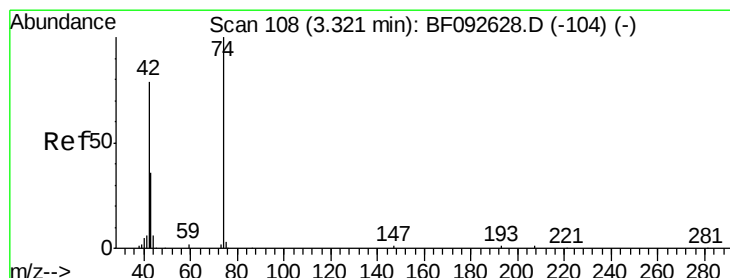
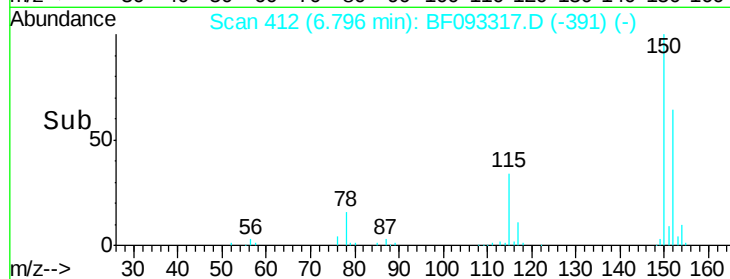
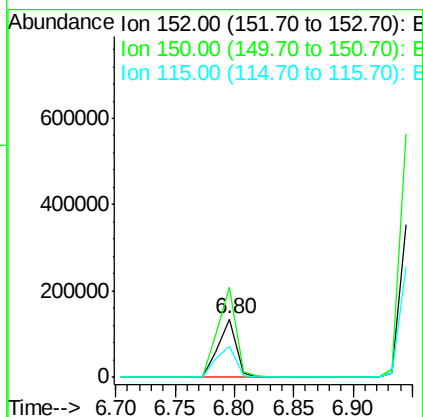
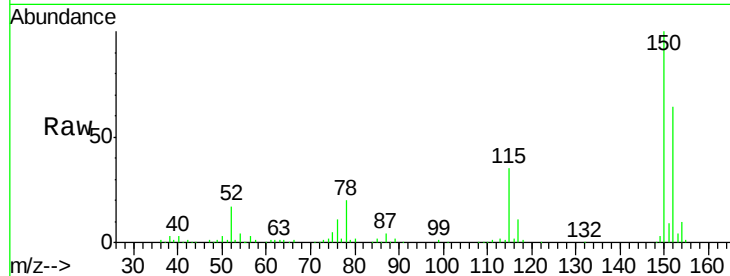


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.06 min
Lab File: BF093317.D
Acq: 2 Mar 2017 12:24

Instrument :
BNA_F
ClientSampleId :
PB97255BL

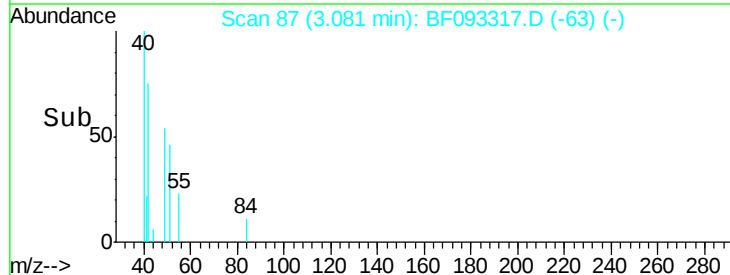
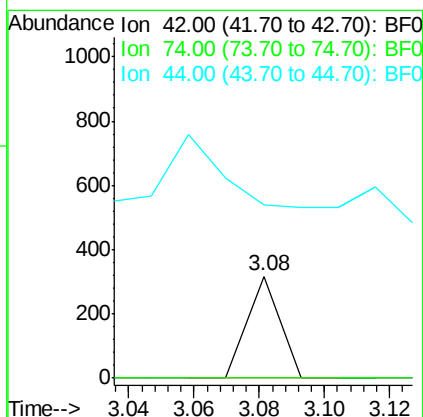
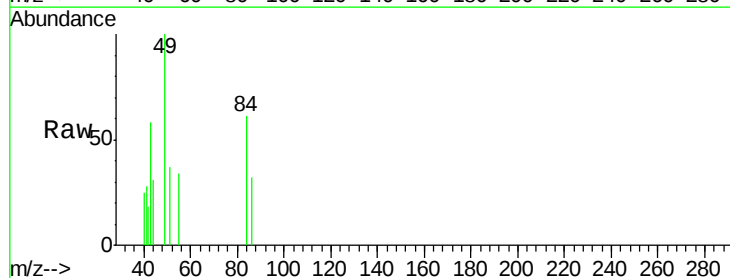
Tgt Ion:152 Resp: 141029
Ion Ratio Lower Upper
152 100
150 155.4 124.9 187.3
115 54.1 46.0 69.0

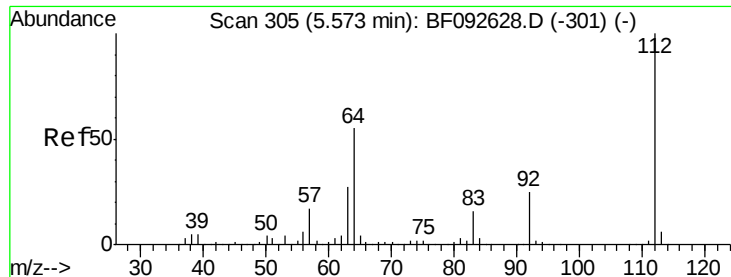


#4

n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.08 min Scan# 87
Delta R.T. -0.02 min
Lab File: BF093317.D
Acq: 2 Mar 2017 12:24

Tgt Ion: 42 Resp: 217
Ion Ratio Lower Upper
42 100
74 0.0 117.0 175.4#
44 170.3 5.5 8.3#





#5

2-Fluorophenol

Concen: 126.90 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF093317.D

Acq: 2 Mar 2017 12:24

Instrument :

BNA_F

ClientSampleId :

PB97255BL

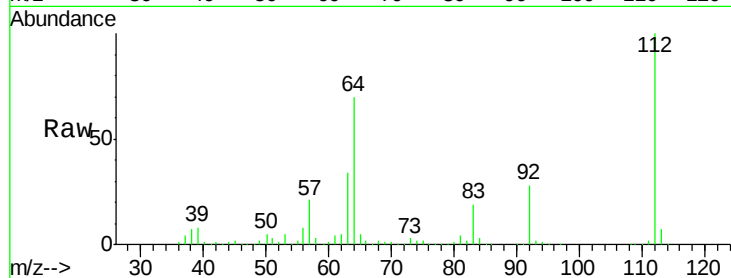
Tgt Ion: 112 Resp: 1043135

Ion Ratio Lower Upper

112 100

64 69.8 46.1 69.1#

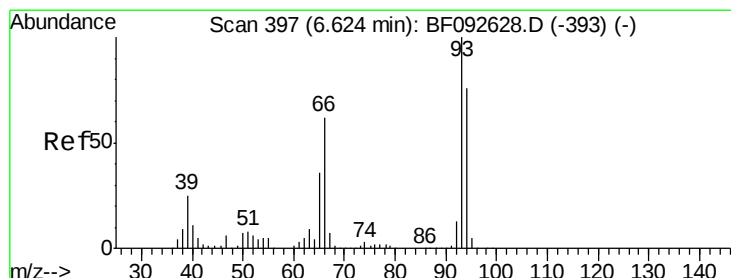
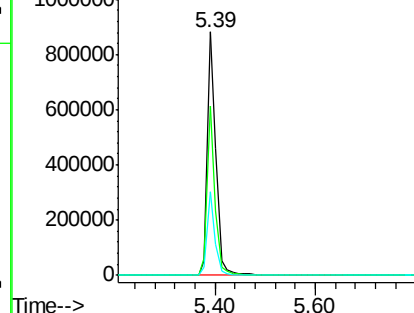
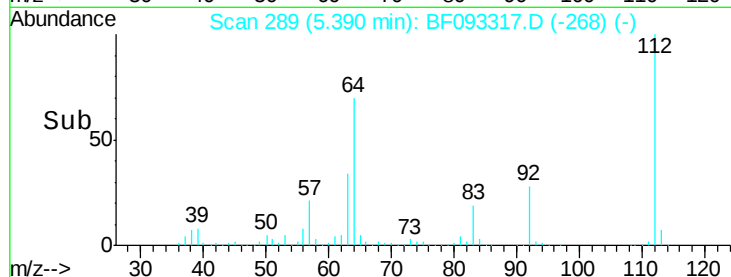
63 34.5 23.8 35.6



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: 0.11 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.06 min

Lab File: BF093317.D

Acq: 2 Mar 2017 12:24

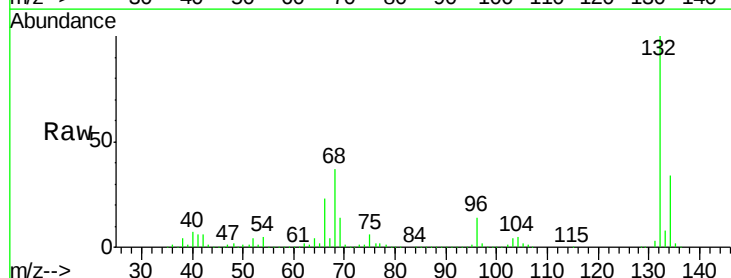
Tgt Ion: 93 Resp: 1553

Ion Ratio Lower Upper

93 100

66 16308.4 76.2 114.2#

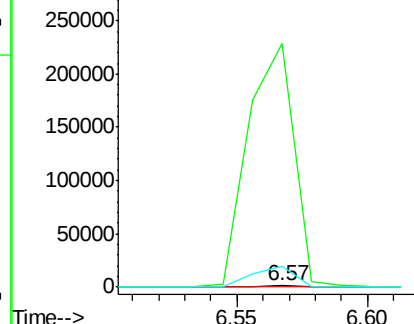
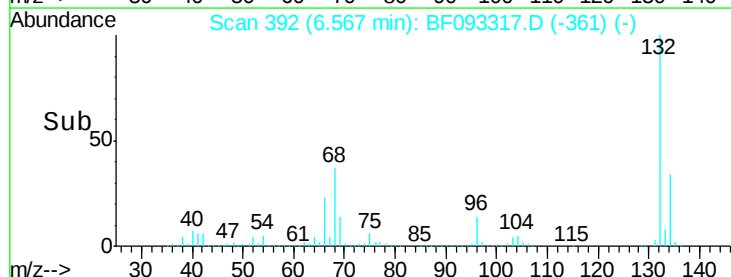
65 1413.3 49.3 73.9#

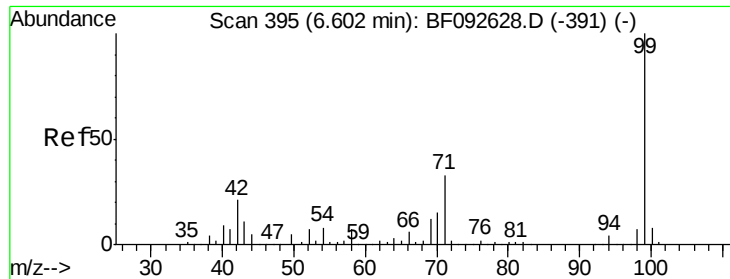


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.14 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF093317.D

Acq: 2 Mar 2017 12:24

Instrument :

BNA_F

ClientSampled :

PB97255BL

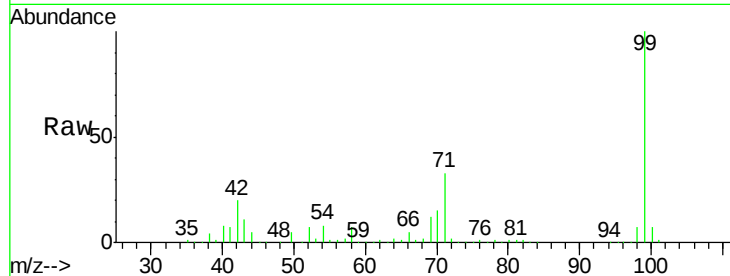
Tgt Ion: 99 Resp: 1186116

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

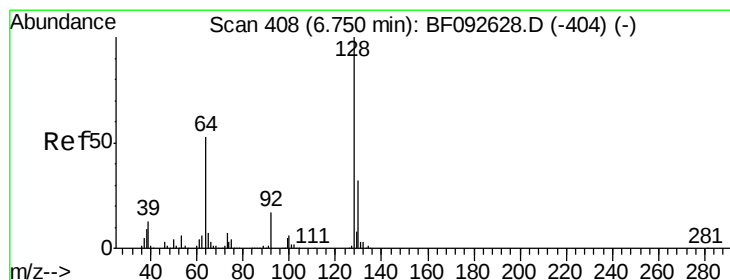
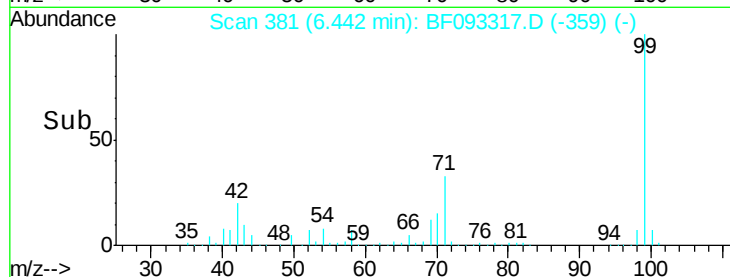
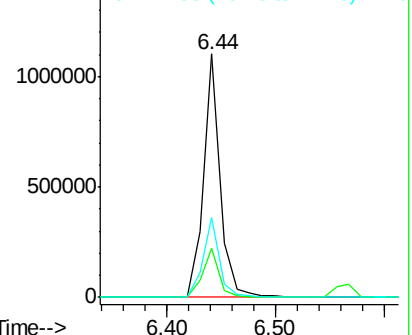
71 33.0 27.5 41.3



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: 0.06 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.07 min

Lab File: BF093317.D

Acq: 2 Mar 2017 12:24

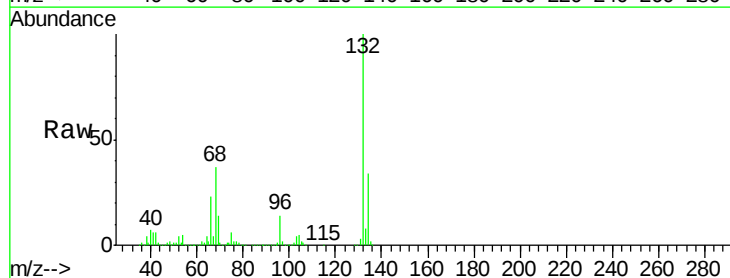
Tgt Ion: 128 Resp: 582

Ion Ratio Lower Upper

128 100

130 0.0 12.3 52.3#

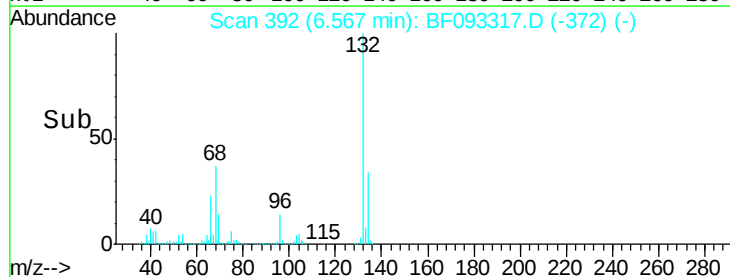
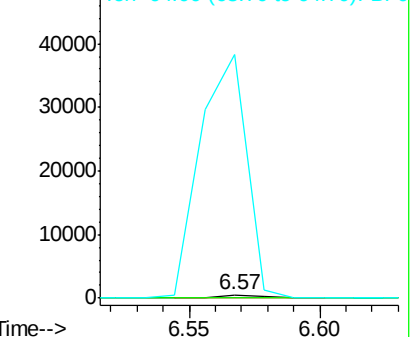
64 7236.3 32.2 72.2#

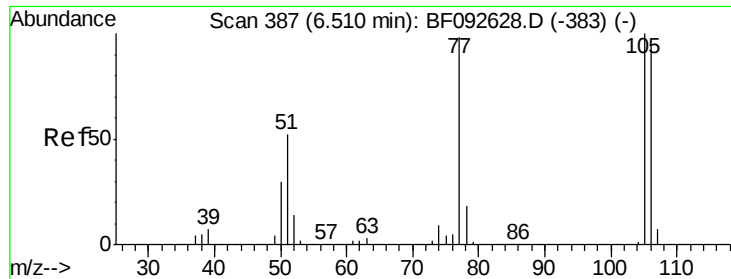


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 0.17 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.05 min

Lab File: BF093317.D

Acq: 2 Mar 2017 12:24

Instrument :

BNA_F

ClientSampleId :

PB97255BL

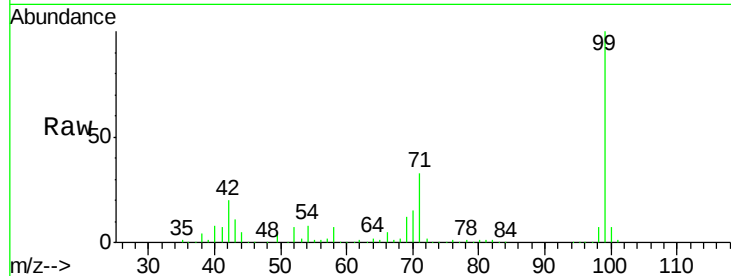
Tgt Ion: 77 Resp: 1303

Ion Ratio Lower Upper

77 100

105 0.0 83.9 123.9#

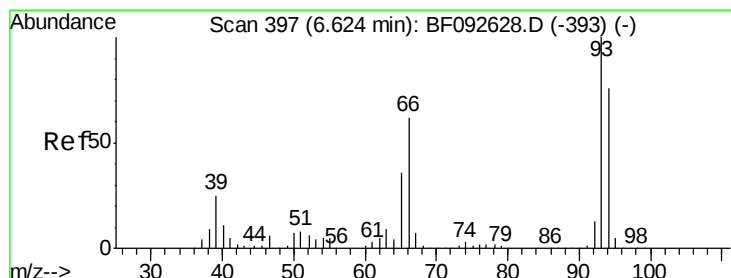
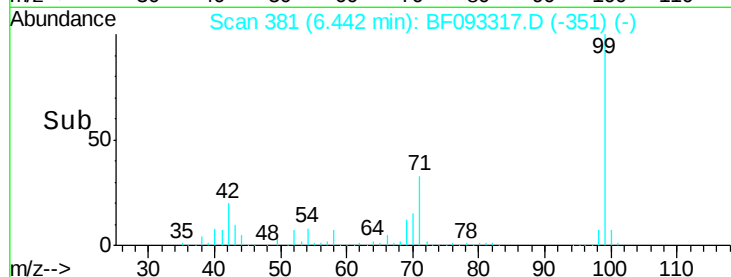
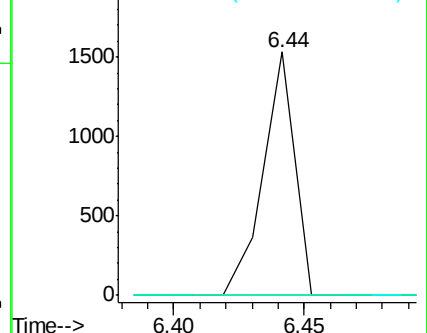
106 0.0 77.6 117.6#



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: 0.05 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093317.D

Acq: 2 Mar 2017 12:24

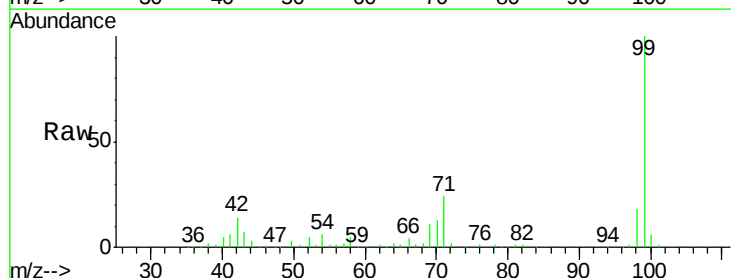
Tgt Ion: 94 Resp: 647

Ion Ratio Lower Upper

94 100

65 348.2 21.4 61.4#

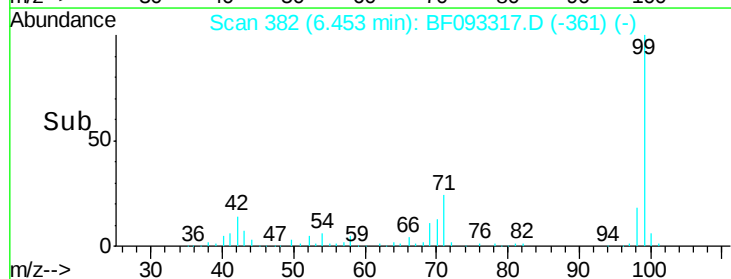
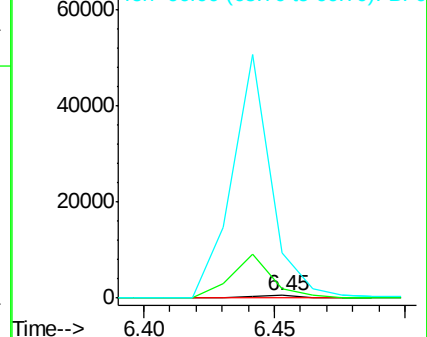
66 1572.1 44.0 84.0#

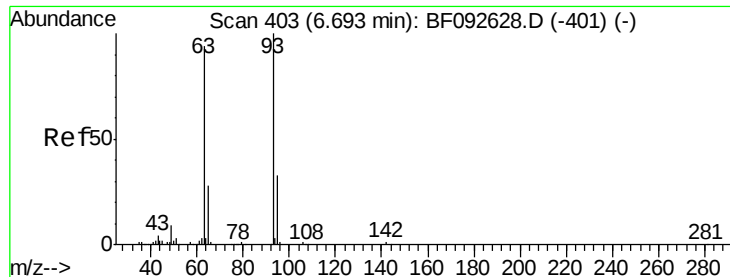


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

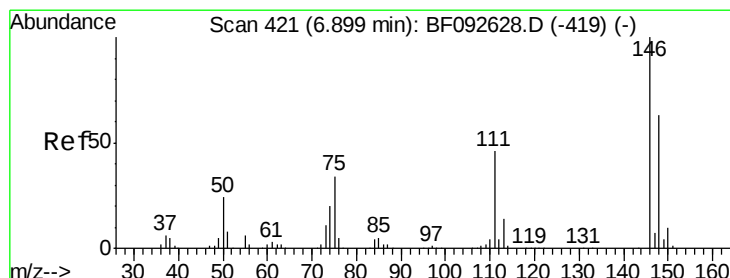
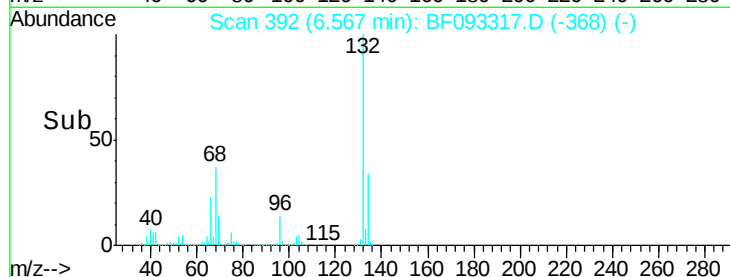
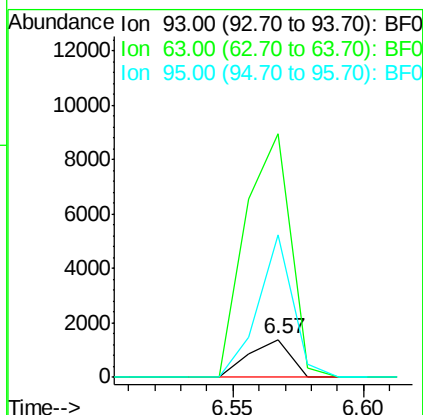
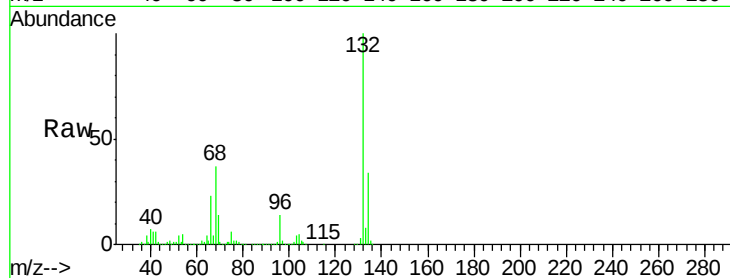




#11
bis(2-Chloroethyl)ether
Concen: 0.16 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.02 min
Lab File: BF093317.D
Acq: 2 Mar 2017 12:24

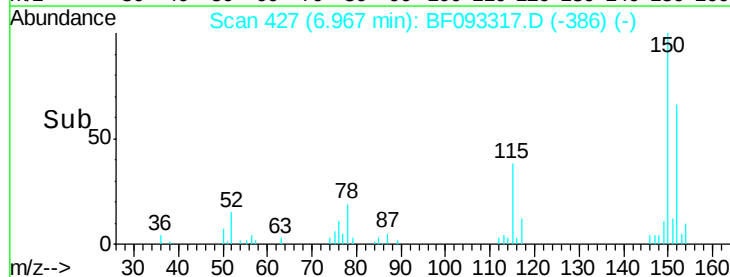
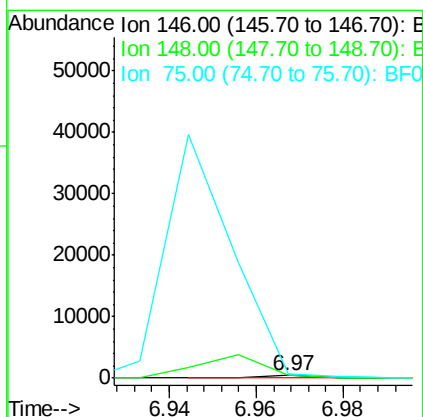
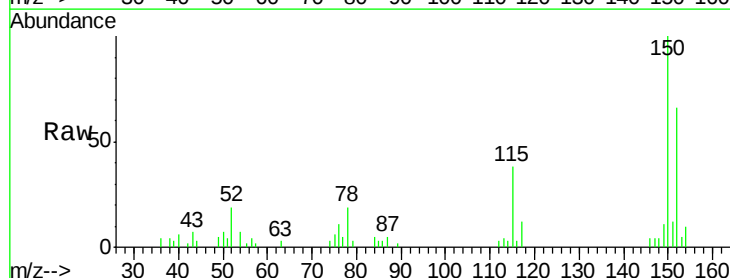
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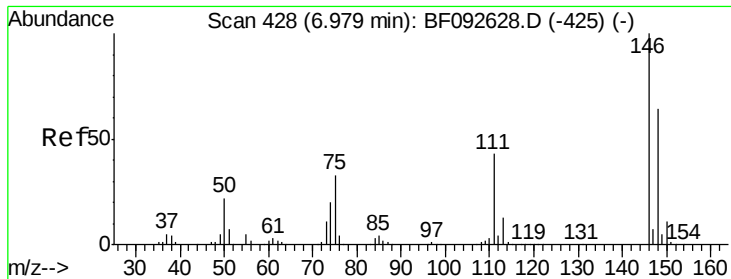
Tgt Ion: 93 Resp: 1553
Ion Ratio Lower Upper
93 100
63 638.3 60.4 100.4#
95 374.5 12.8 52.8#



#12
1,3-Dichlorobenzene
Concen: 0.03 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.17 min
Lab File: BF093317.D
Acq: 2 Mar 2017 12:24

Tgt Ion: 146 Resp: 309
Ion Ratio Lower Upper
146 100
148 125.3 53.4 80.0#
75 174.3 18.5 27.7#

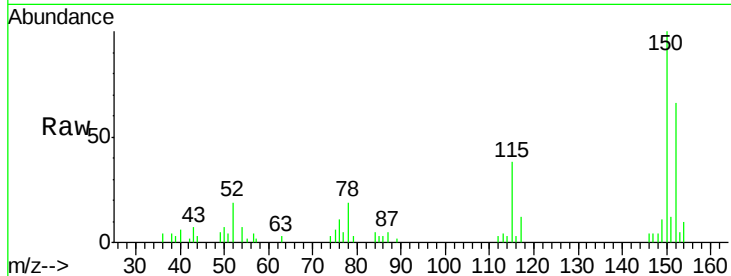




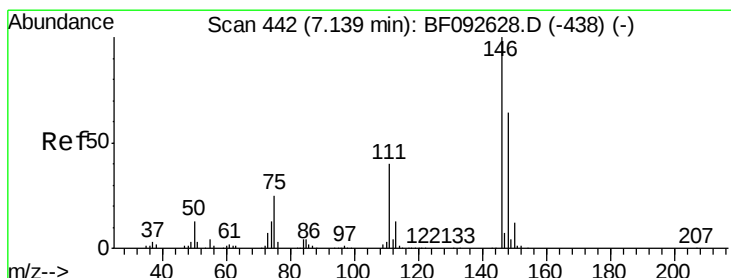
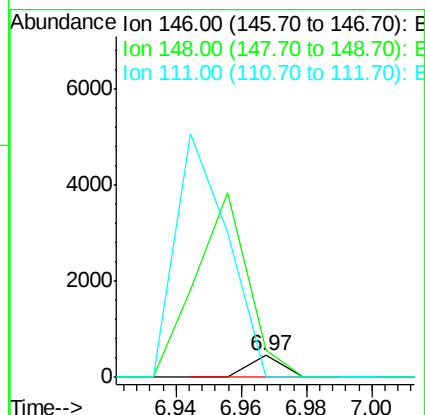
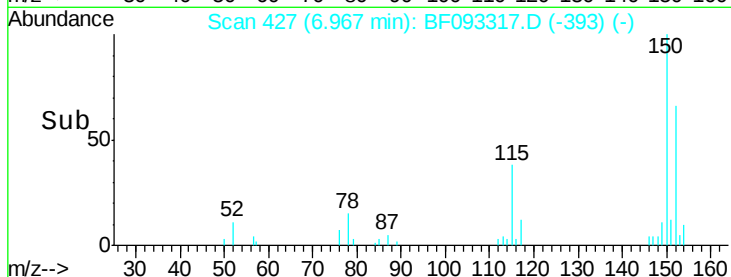
#13
 1,4-Dichlorobenzene
 Concen: 0.03 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.09 min
 Lab File: BF093317.D
 Acq: 2 Mar 2017 12:24

Instrument :
 BNA_F
 ClientSampleId :
 PB97255BL

Tgt Ion:146 Resp: 309
 Ion Ratio Lower Upper
 146 100
 148 125.3 50.6 76.0#
 111 0.0 36.2 54.4#

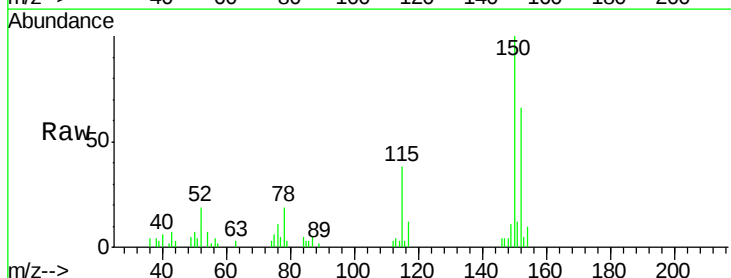


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

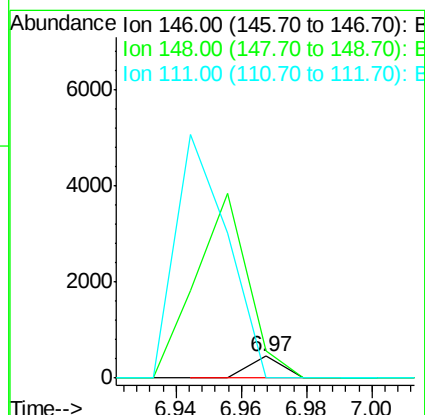
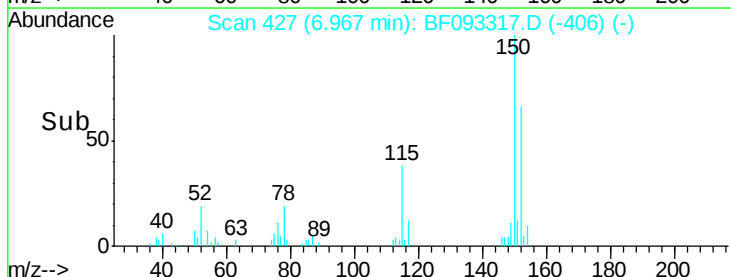


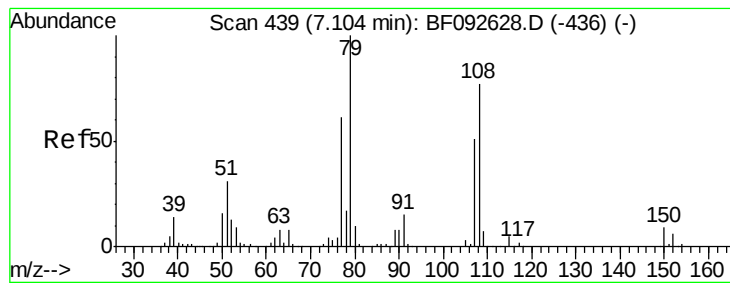
#14
 1,2-Dichlorobenzene
 Concen: 0.03 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.06 min
 Lab File: BF093317.D
 Acq: 2 Mar 2017 12:24

Tgt Ion:146 Resp: 309
 Ion Ratio Lower Upper
 146 100
 148 125.3 52.2 78.2#
 111 0.0 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: 1.56 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.06 min

Lab File: BF093317.D

Acq: 2 Mar 2017 12:24

Instrument :

BNA_F

ClientSampleId :

PB97255BL

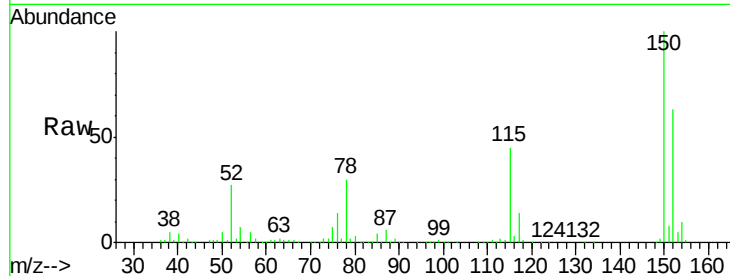
Tgt Ion: 79 Resp: 12199

Ion Ratio Lower Upper

79 100

108 23.5 61.4 92.0#

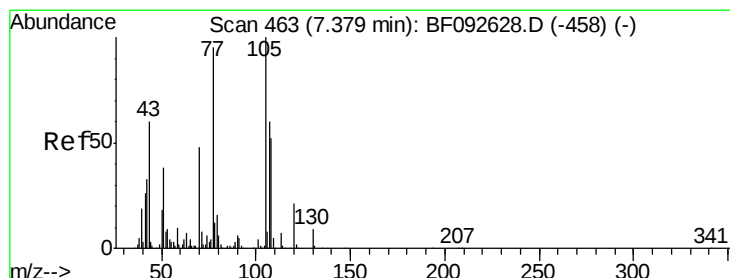
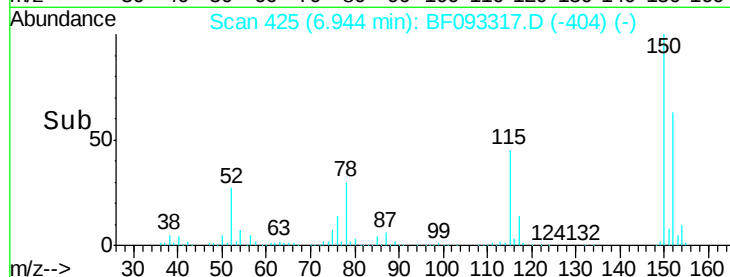
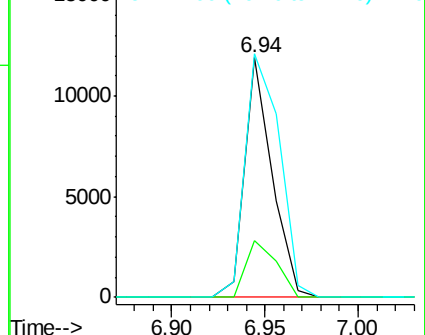
77 101.6 50.9 76.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 16.07 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.09 min

Lab File: BF093317.D

Acq: 2 Mar 2017 12:24

Tgt Ion: 70 Resp: 108227

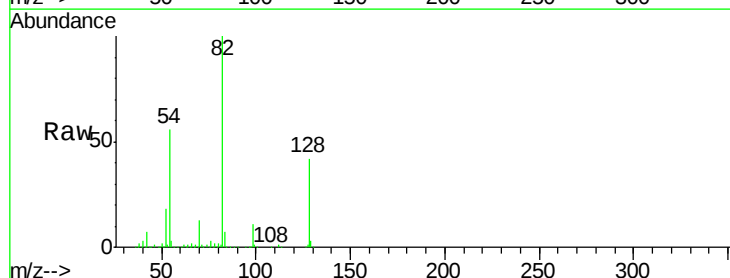
Ion Ratio Lower Upper

70 100

42 51.4 49.4 74.0

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

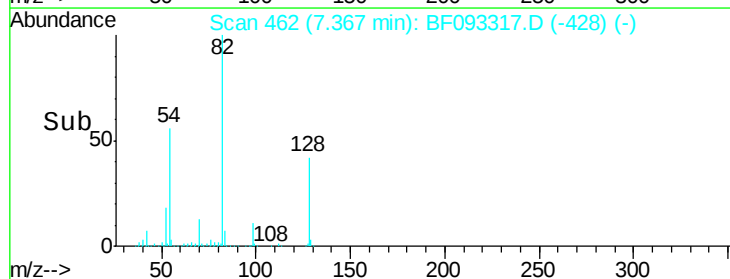
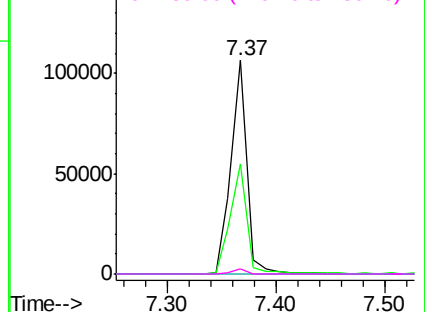


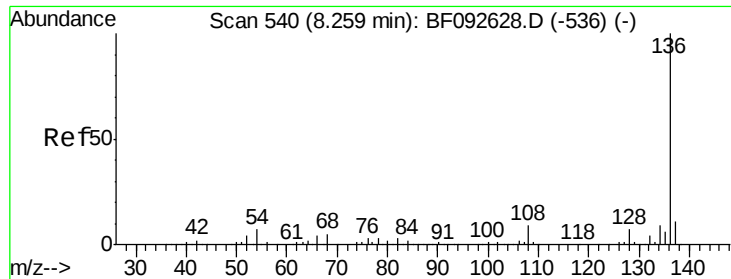
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

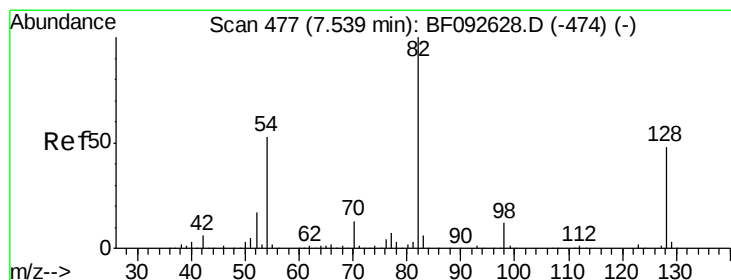
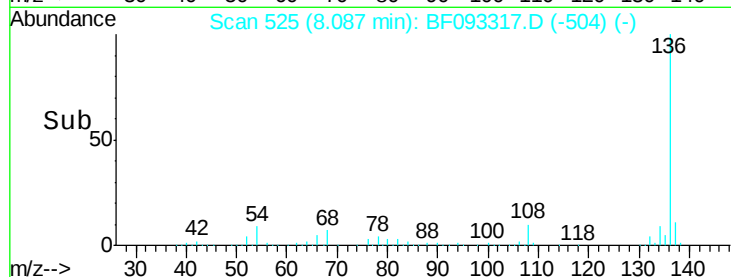
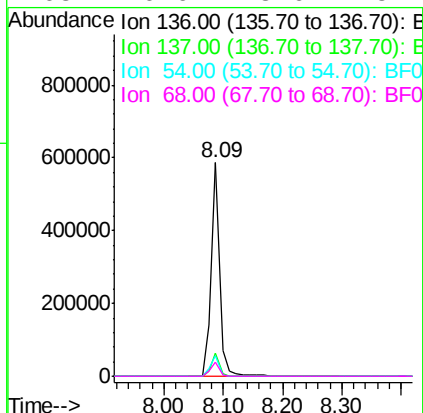
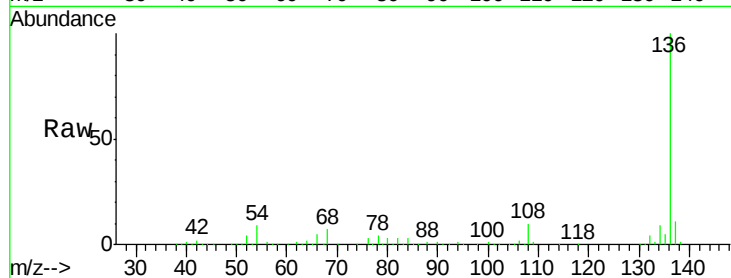




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093317.D
Acq: 2 Mar 2017 12:24

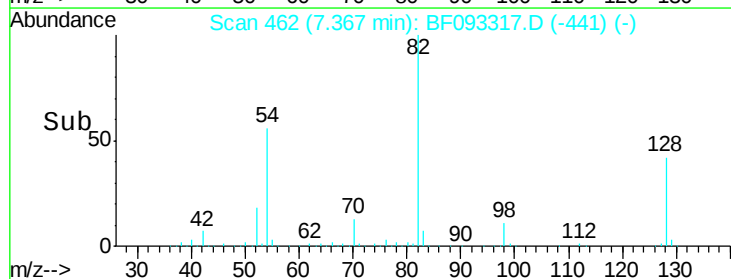
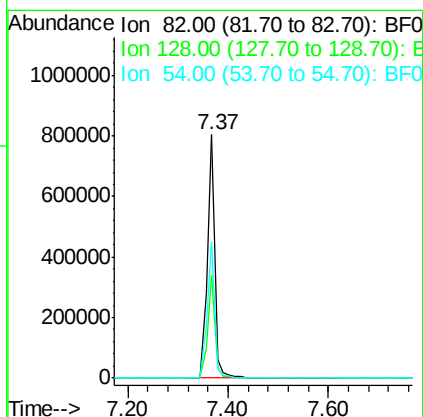
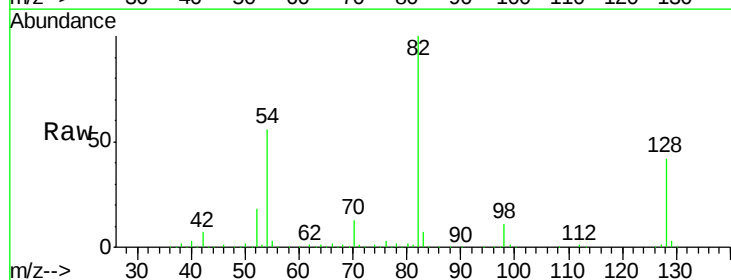
Instrument :
BNA_F
ClientSampleId :
PB97255BL

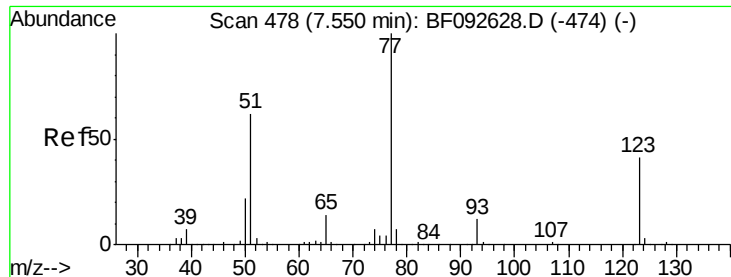
Tgt Ion:	136	Resp:	575167
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.3	4.5	6.7#
68	6.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 79.94 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF093317.D
Acq: 2 Mar 2017 12:24

Tgt Ion:	82	Resp:	825636
Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	52.0
54	56.0	39.5	59.3

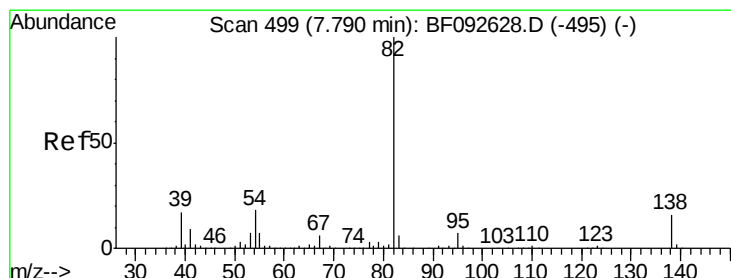
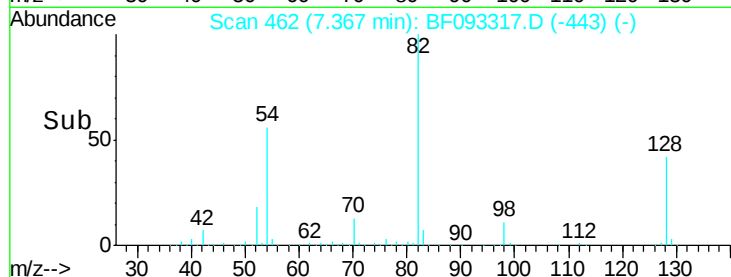
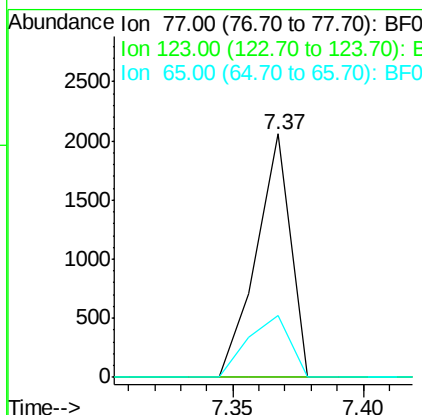
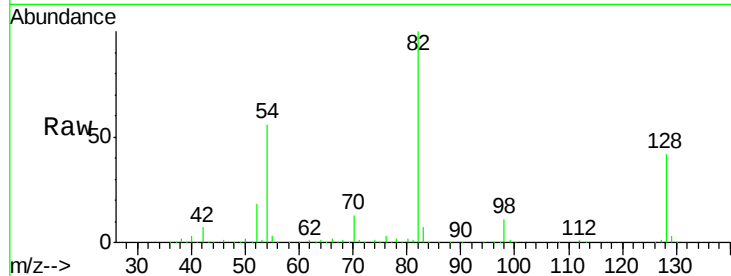




#24
 Nitrobenzene
 Concen: 0.18 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.08 min
 Lab File: BF093317.D
 Acq: 2 Mar 2017 12:24

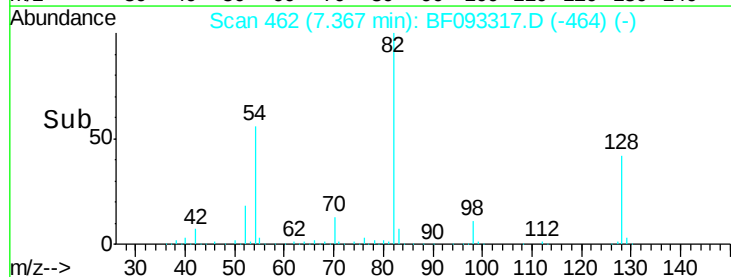
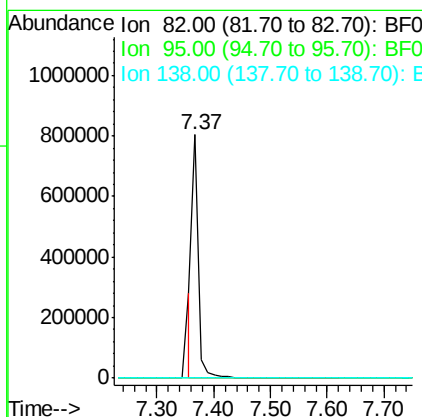
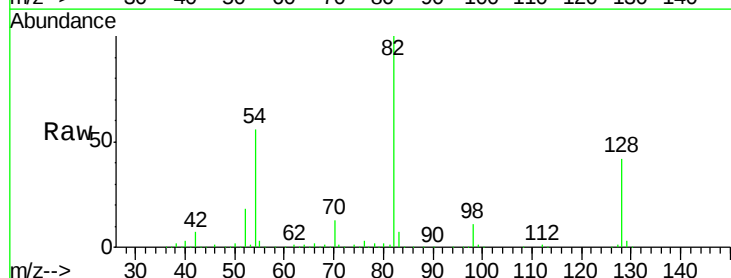
Instrument :
 BNA_F
 ClientSampleId :
 PB97255BL

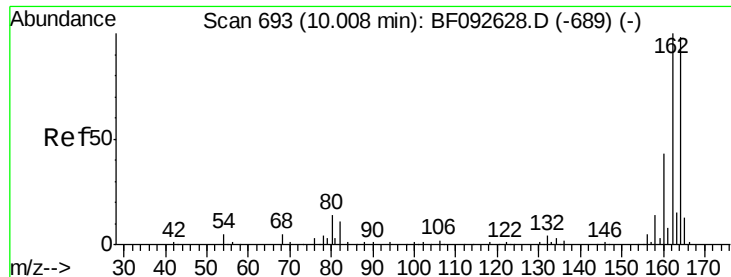
Tgt Ion: 77 Resp: 1896
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.4#
 65 25.1 11.2 16.8#



#25
 Isophorone
 Concen: 32.75 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.32 min
 Lab File: BF093317.D
 Acq: 2 Mar 2017 12:24

Tgt Ion: 82 Resp: 630393
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF093317.D

Acq: 2 Mar 2017 12:24

Instrument :

BNA_F

ClientSampleId :

PB97255BL

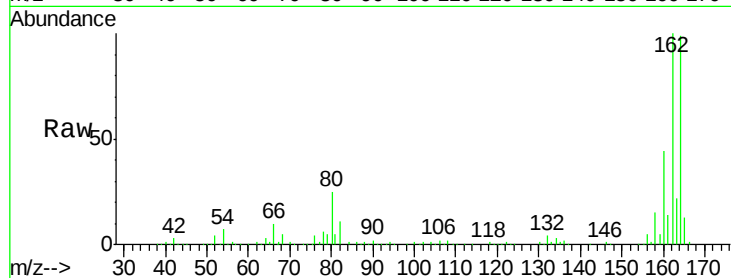
Tgt Ion:164 Resp: 285882

Ion Ratio Lower Upper

164 100

162 101.5 80.2 120.2

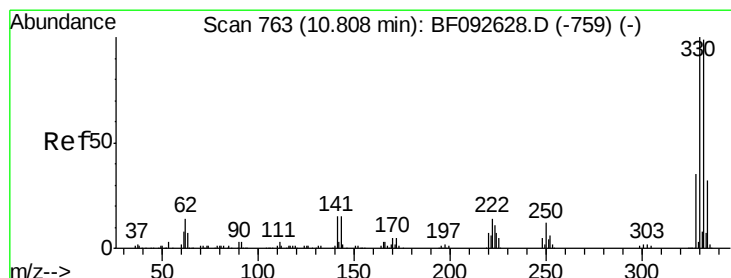
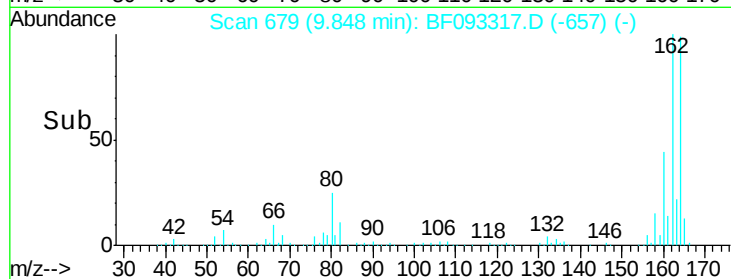
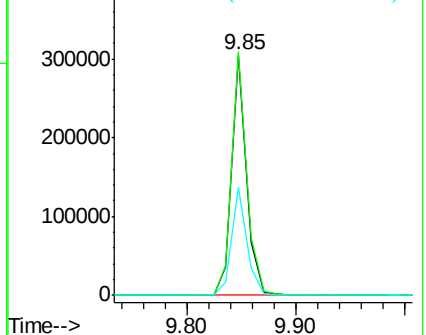
160 44.9 36.9 55.3



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: 122.53 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF093317.D

Acq: 2 Mar 2017 12:24

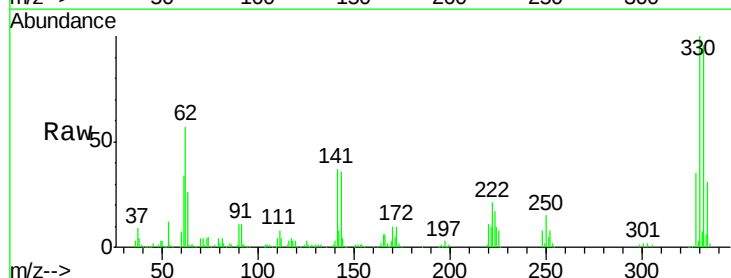
Tgt Ion:330 Resp: 253362

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.2

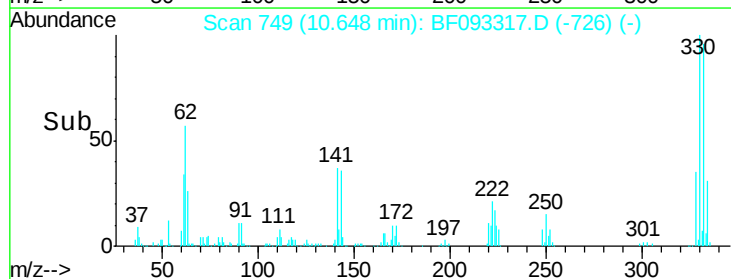
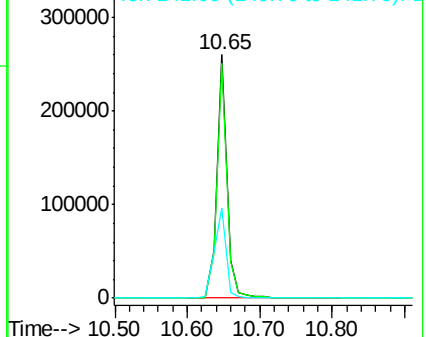
141 43.3 34.1 51.1

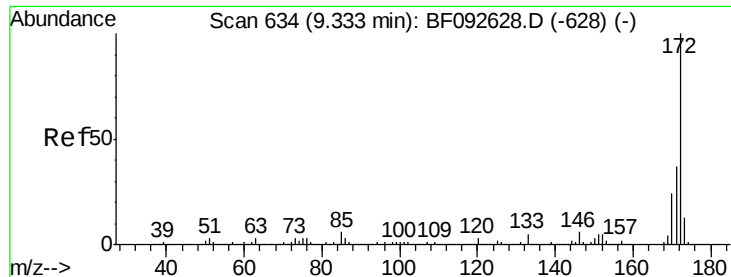


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

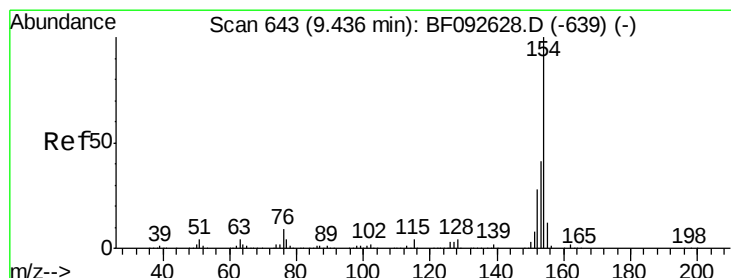
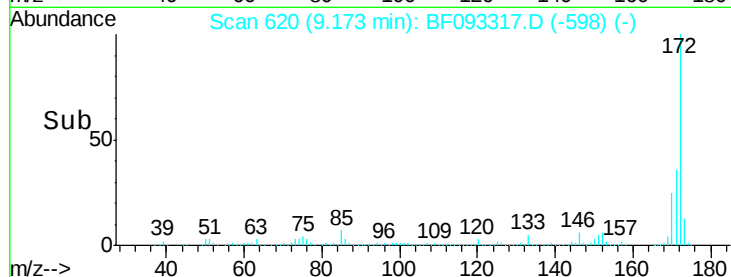
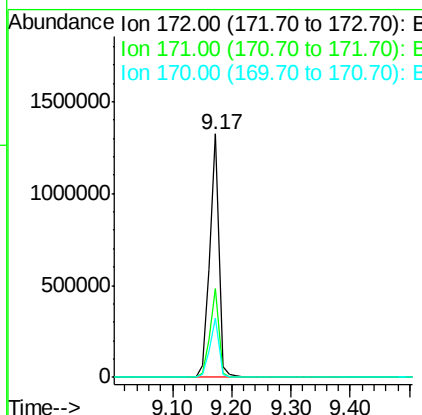
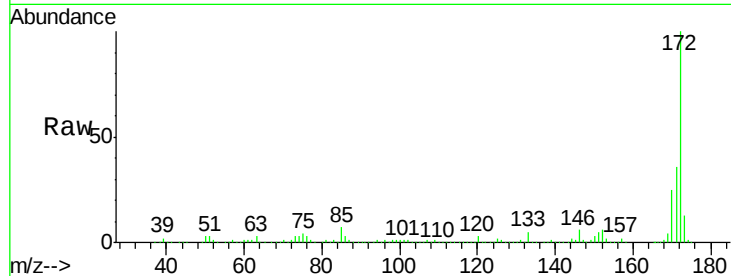




#44
 2-Fluorobiphenyl
 Concen: 90.24 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093317.D
 Acq: 2 Mar 2017 12:24

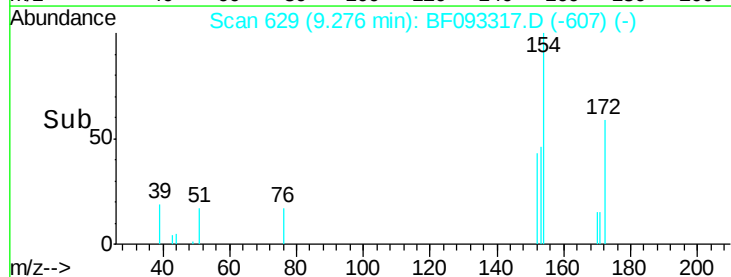
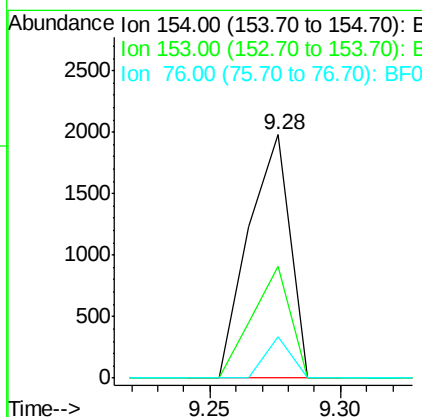
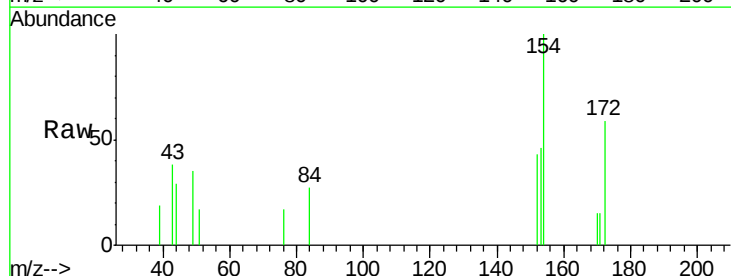
Instrument :
 BNA_F
 ClientSampleId :
 PB97255BL

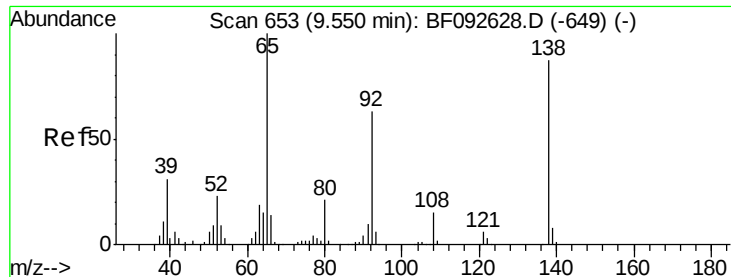
Tgt Ion:172 Resp: 1423986
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.5 20.2 30.4



#45
 1,1'-Biphenyl
 Concen: 0.11 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.05 min
 Lab File: BF093317.D
 Acq: 2 Mar 2017 12:24

Tgt Ion:154 Resp: 2203
 Ion Ratio Lower Upper
 154 100
 153 46.1 20.9 60.9
 76 17.1 0.0 30.5

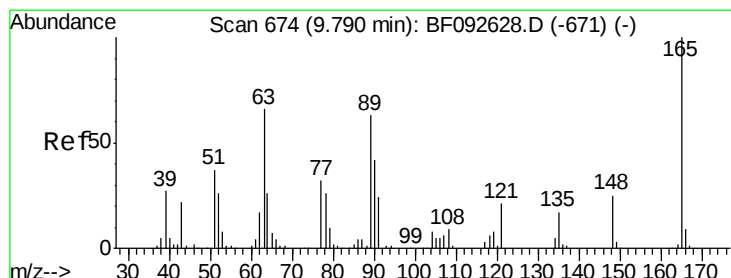
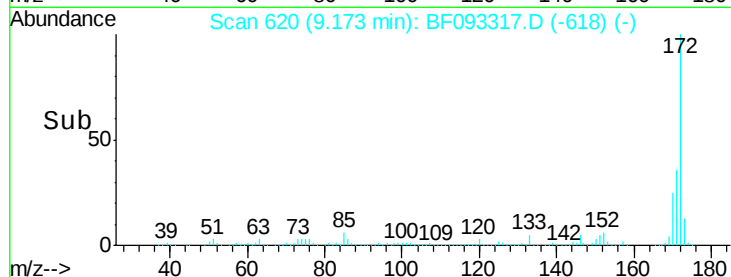
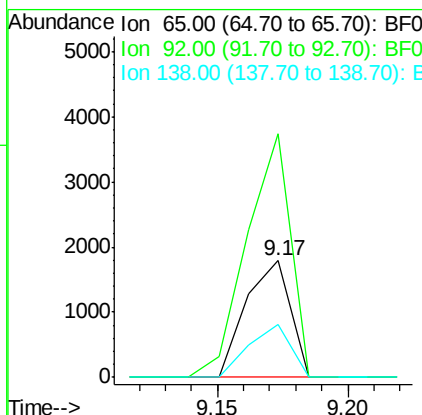
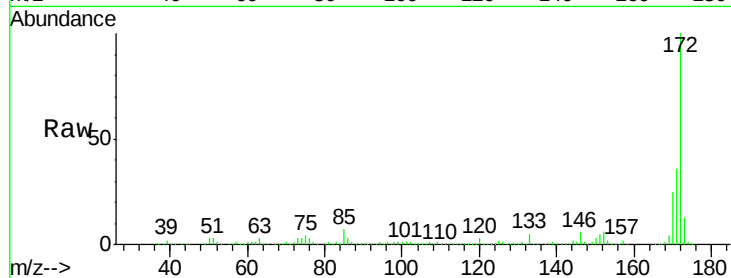




#47
2-Nitroaniline
Concen: 0.39 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.27 min
Lab File: BF093317.D
Acq: 2 Mar 2017 12:24

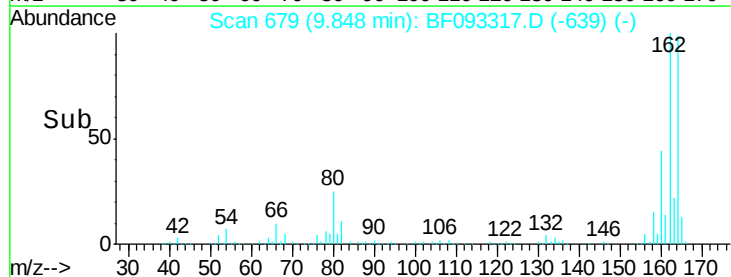
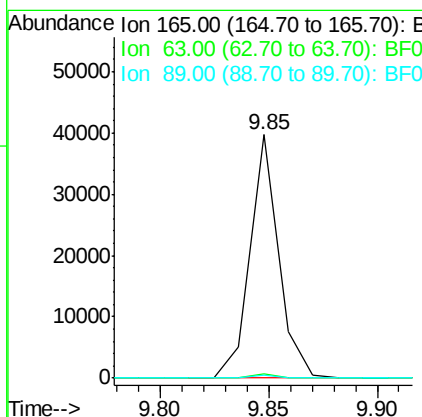
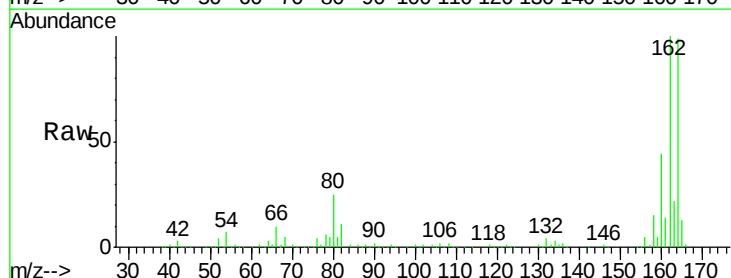
Instrument :
BNA_F
ClientSampleId :
PB97255BL

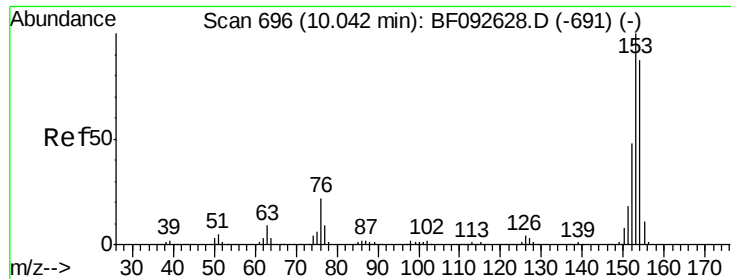
Tgt Ion: 65 Resp: 2109
Ion Ratio Lower Upper
65 100
92 209.2 53.9 80.9#
138 45.2 76.8 115.2#



#50
2,6-Dinitrotoluene
Concen: 8.72 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.16 min
Lab File: BF093317.D
Acq: 2 Mar 2017 12:24

Tgt Ion: 165 Resp: 36246
Ion Ratio Lower Upper
165 100
63 1.7 36.2 54.4#
89 1.5 40.2 60.4#





#51

Acenaphthene

Concen: 0.06 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.08 min

Lab File: BF093317.D

Acq: 2 Mar 2017 12:24

Instrument :

BNA_F

ClientSampleId :

PB97255BL

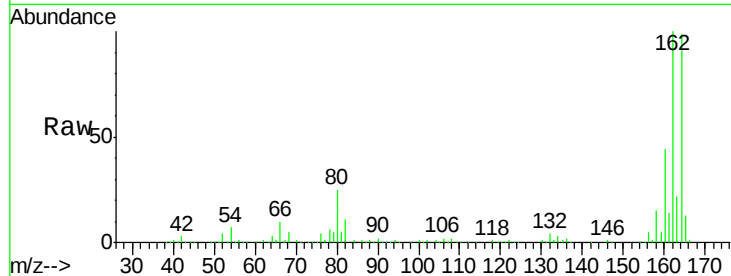
Tgt Ion:154 Resp: 952

Ion Ratio Lower Upper

154 100

153 0.0 88.6 133.0#

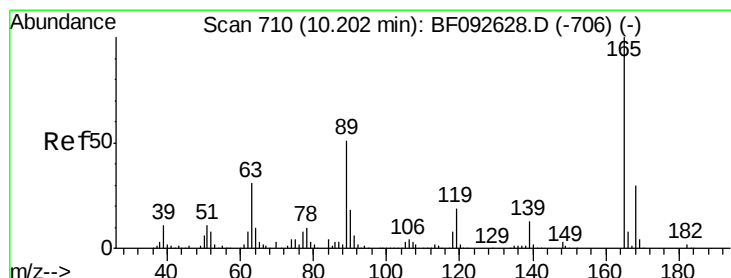
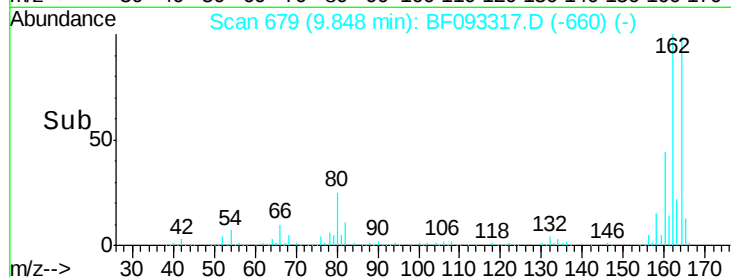
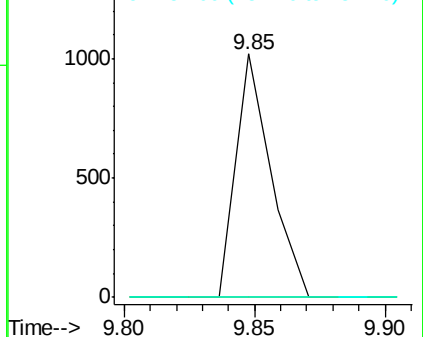
152 0.0 41.6 62.4#



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: 6.55 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.24 min

Lab File: BF093317.D

Acq: 2 Mar 2017 12:24

Tgt Ion:165 Resp: 36248

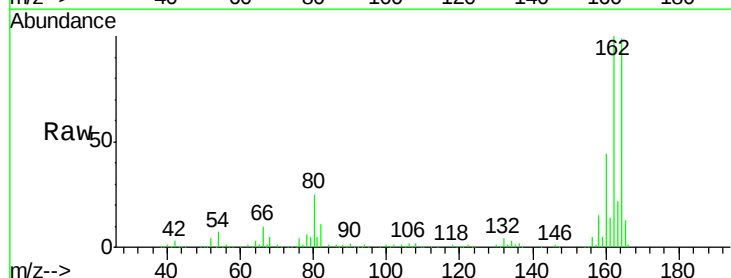
Ion Ratio Lower Upper

165 100

63 1.7 40.2 60.4#

89 1.5 62.5 93.7#

182 0.0 1.8 2.8#

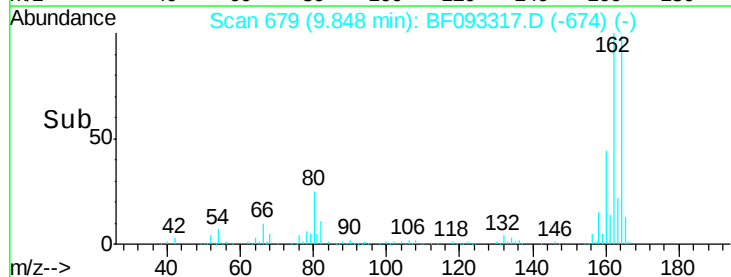
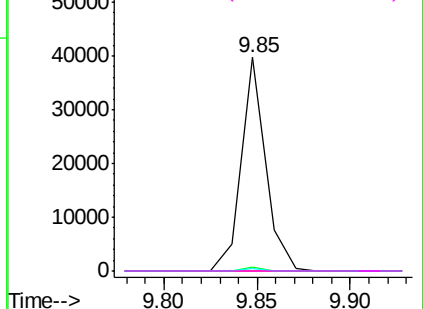


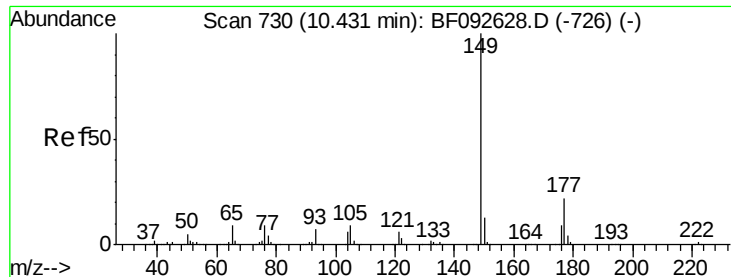
Abundance Ion 165.00 (164.70 to 165.70): E

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

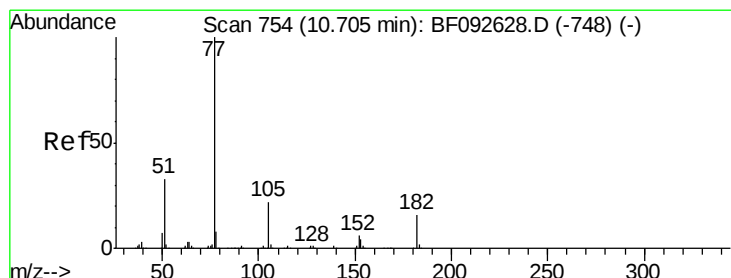
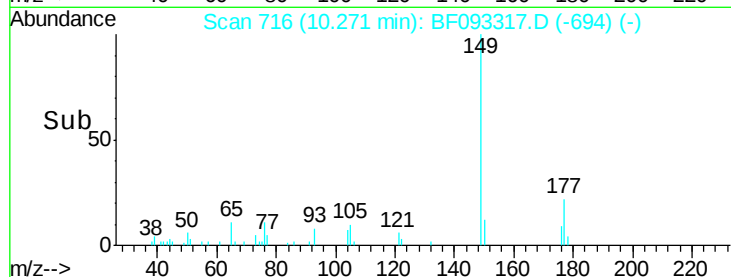
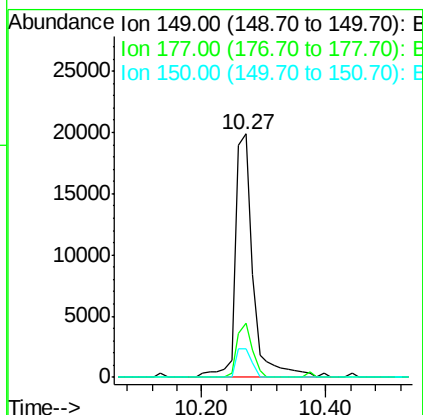
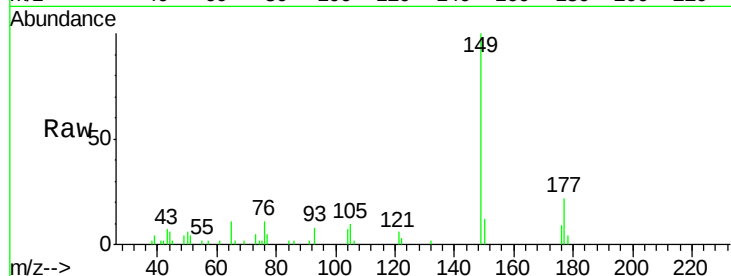




#59
Diethylphthalate
Concen: 2.18 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.05 min
Lab File: BF093317.D
Acq: 2 Mar 2017 12:24

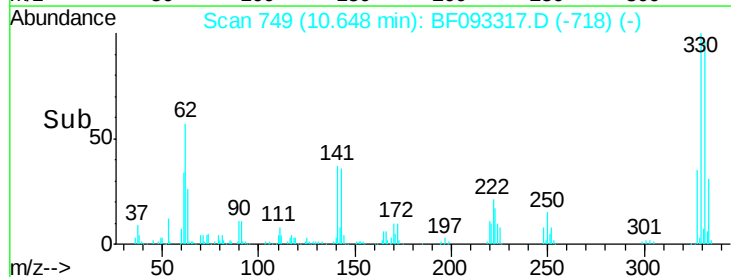
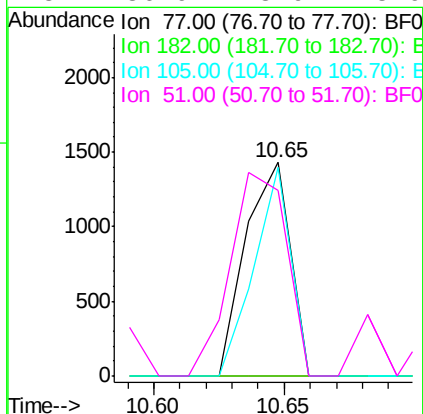
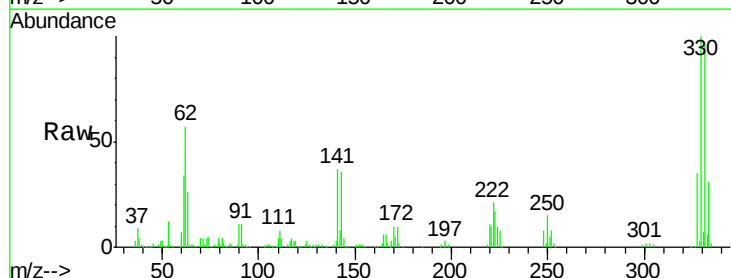
Instrument :
BNA_F
ClientSampleId :
PB97255BL

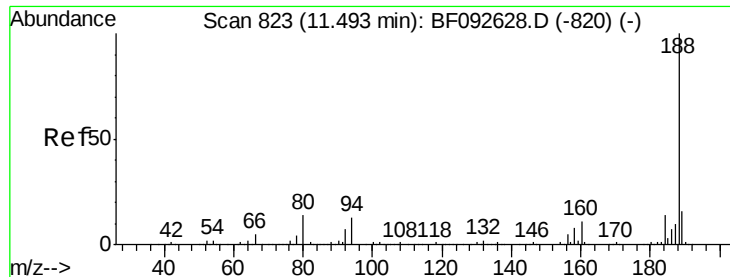
Tgt Ion:149 Resp: 39544
Ion Ratio Lower Upper
149 100
177 22.0 16.6 25.0
150 11.6 10.4 15.6



#62
Azobenzene
Concen: 0.09 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.06 min
Lab File: BF093317.D
Acq: 2 Mar 2017 12:24

Tgt Ion: 77 Resp: 1693
Ion Ratio Lower Upper
77 100
182 0.0 0.0 39.3
105 97.9 2.3 42.3#
51 86.9 8.9 48.9#

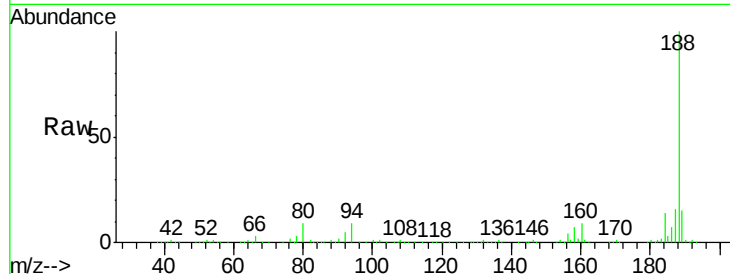




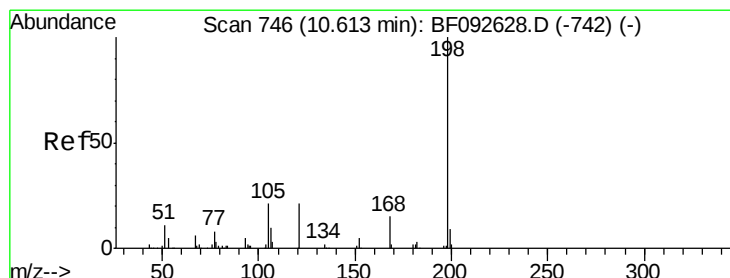
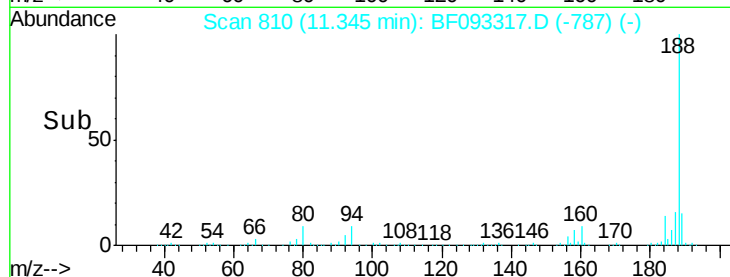
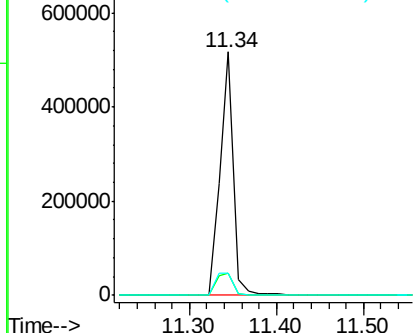
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.03 min
 Lab File: BF093317.D
 Acq: 2 Mar 2017 12:24

Instrument :
 BNA_F
 ClientSampleId :
 PB97255BL

Tgt Ion:188 Resp: 553782
 Ion Ratio Lower Upper
 188 100
 94 9.1 10.0 15.0#
 80 9.1 11.2 16.8#

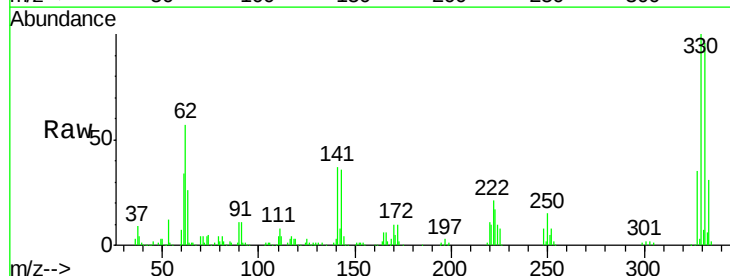


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

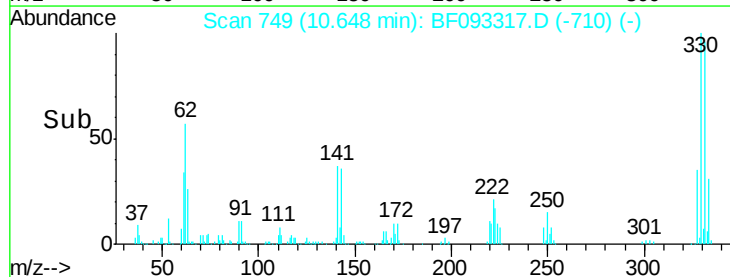
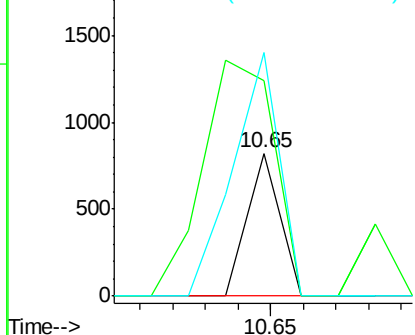


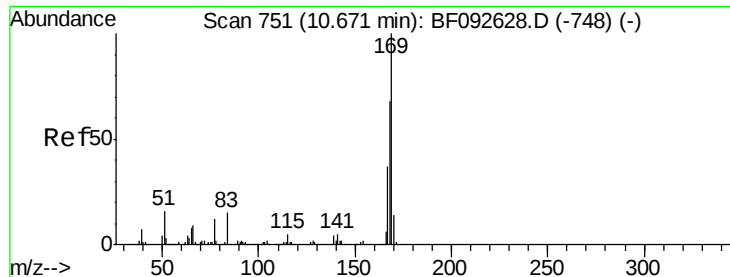
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.83 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.15 min
 Lab File: BF093317.D
 Acq: 2 Mar 2017 12:24

Tgt Ion:198 Resp: 564
 Ion Ratio Lower Upper
 198 100
 51 151.2 6.7 46.7#
 105 170.4 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: 0.55 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.09 min

Lab File: BF093317.D

Acq: 2 Mar 2017 12:24

Instrument :

BNA_F

ClientSampleId :

PB97255BL

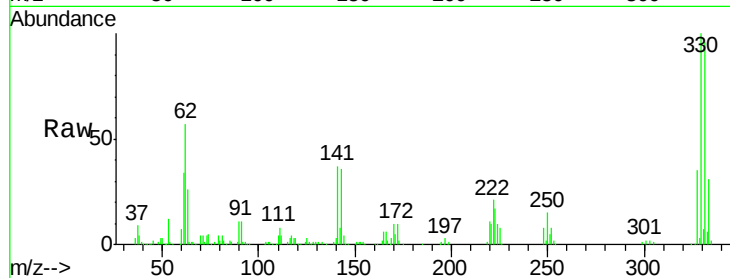
Tgt Ion:169 Resp: 9663

Ion Ratio Lower Upper

169 100

168 9.4 54.2 81.2#

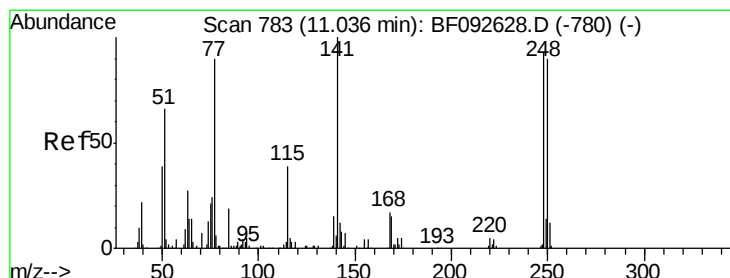
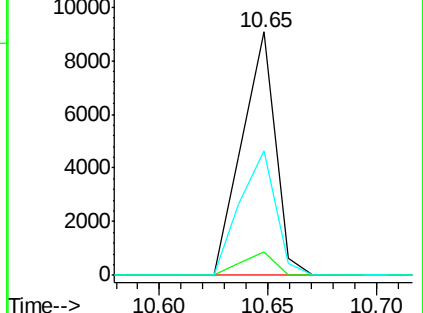
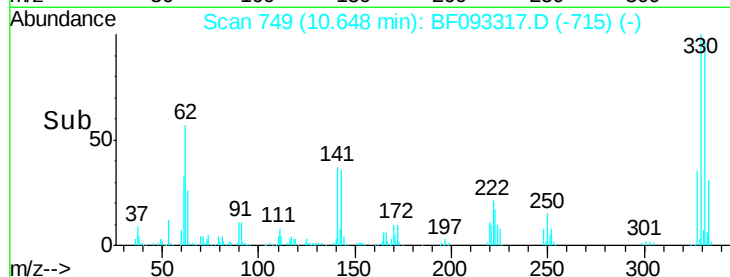
167 51.4 30.2 45.4#



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: 3.36 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.27 min

Lab File: BF093317.D

Acq: 2 Mar 2017 12:24

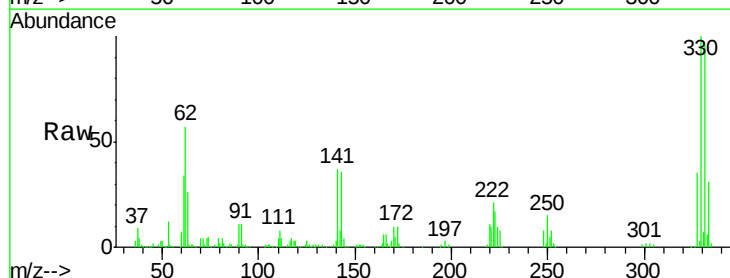
Tgt Ion:248 Resp: 19442

Ion Ratio Lower Upper

248 100

250 193.3 76.9 115.3#

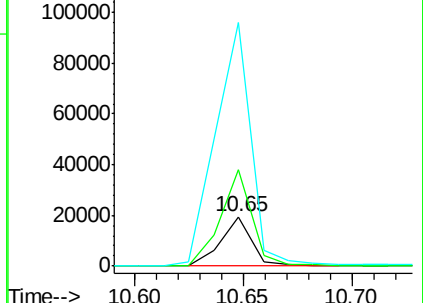
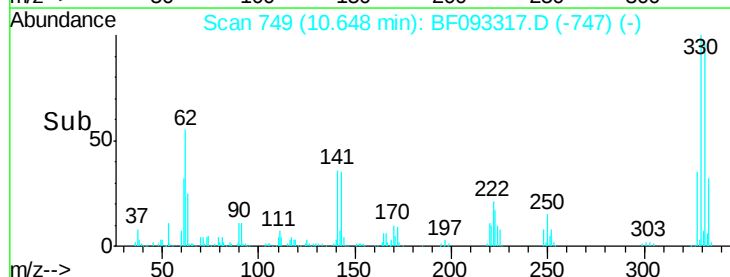
141 490.4 68.2 102.4#

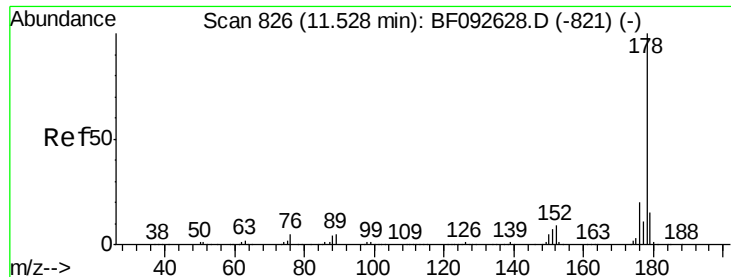


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

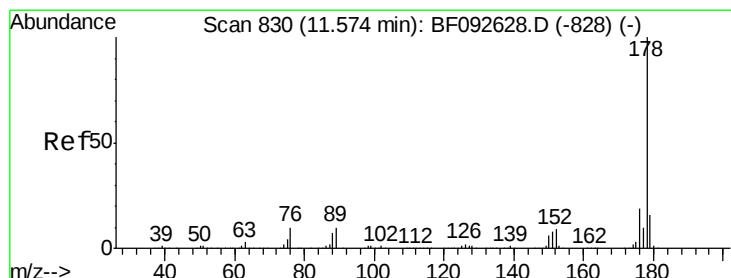
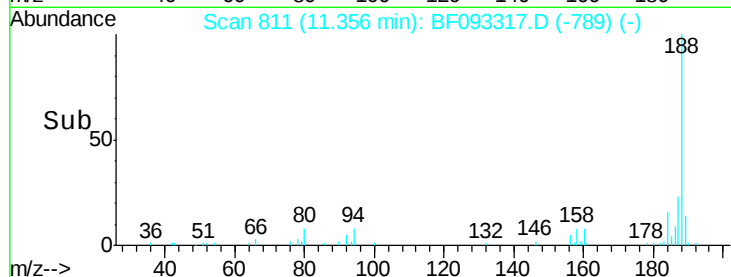
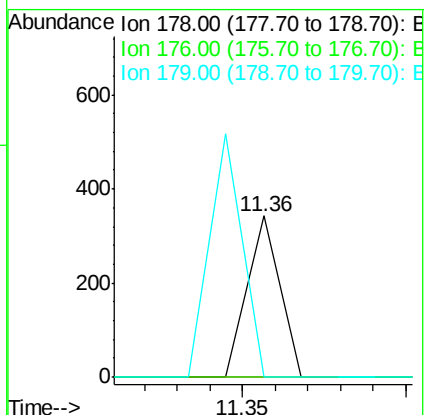
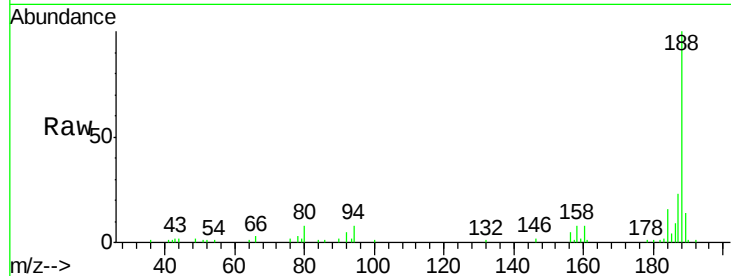




#70
Phenanthrene
Concen: 0.01 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.05 min
Lab File: BF093317.D
Acq: 2 Mar 2017 12:24

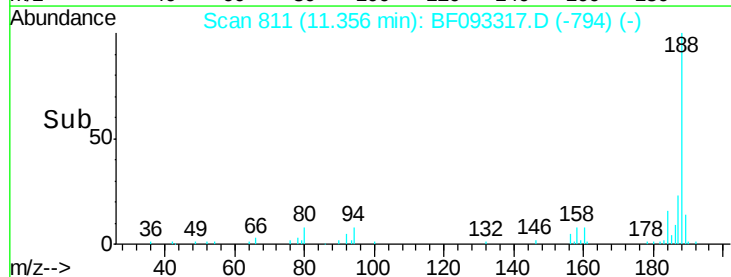
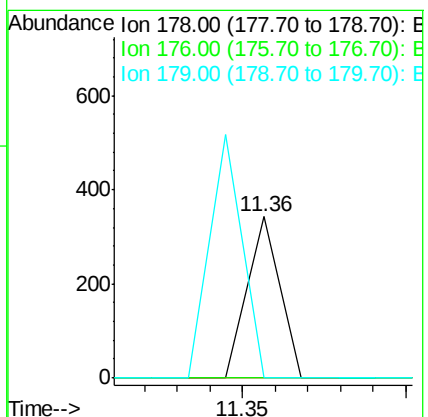
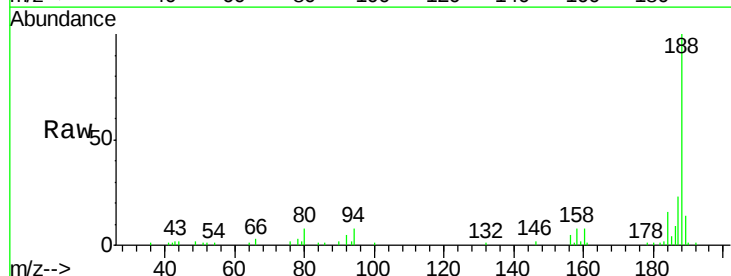
Instrument :
BNA_F
ClientSampleId :
PB97255BL

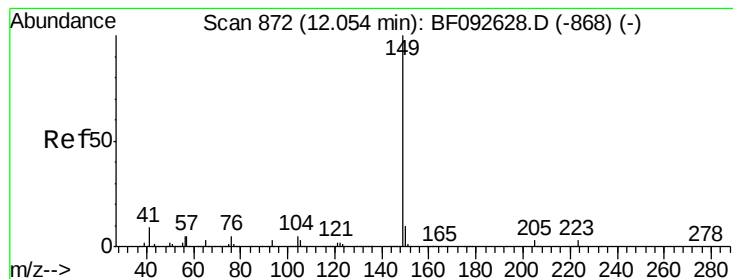
Tgt Ion:178 Resp: 235
Ion Ratio Lower Upper
178 100
176 0.0 16.6 25.0#
179 0.0 12.8 19.2#



#71
Anthracene
Concen: 0.01 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.10 min
Lab File: BF093317.D
Acq: 2 Mar 2017 12:24

Tgt Ion:178 Resp: 235
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: 0.08 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.03 min

Lab File: BF093317.D

Acq: 2 Mar 2017 12:24

Instrument :

BNA_F

ClientSampleId :

PB97255BL

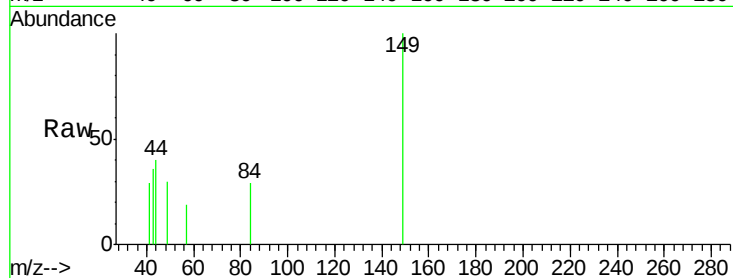
Tgt Ion:149 Resp: 2560

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

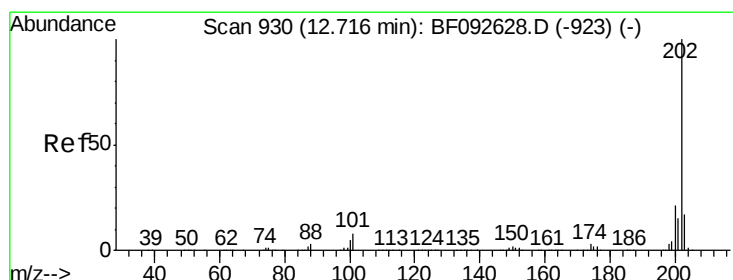
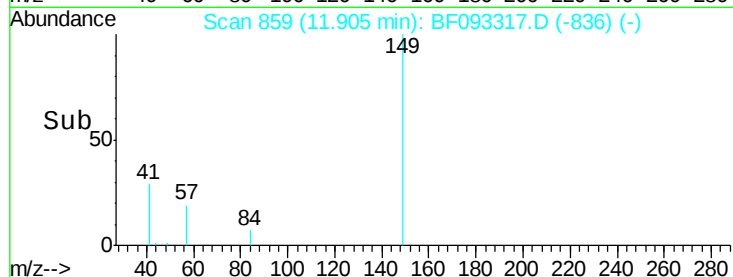
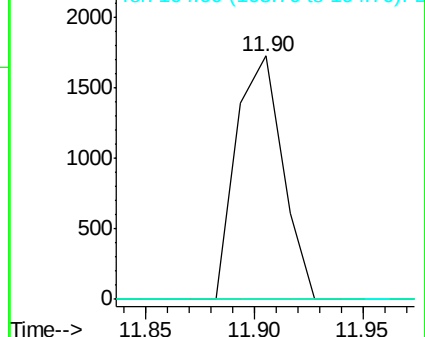
104 0.0 4.6 7.0#



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



#74

Fluoranthene

Concen: 0.01 ng

RT: 12.79 min Scan# 936

Delta R.T. 0.19 min

Lab File: BF093317.D

Acq: 2 Mar 2017 12:24

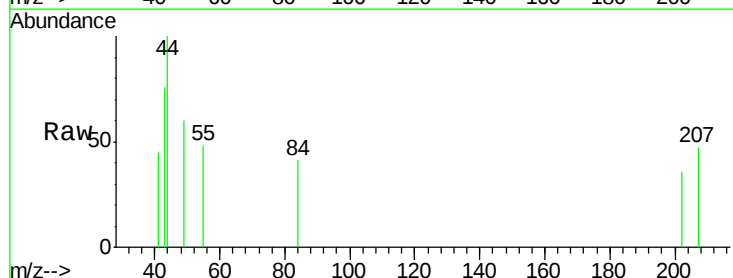
Tgt Ion:202 Resp: 219

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

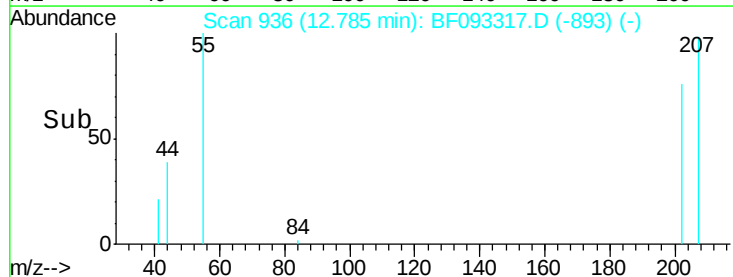
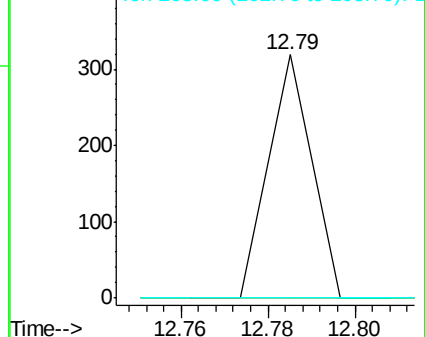
203 0.0 0.0 38.7

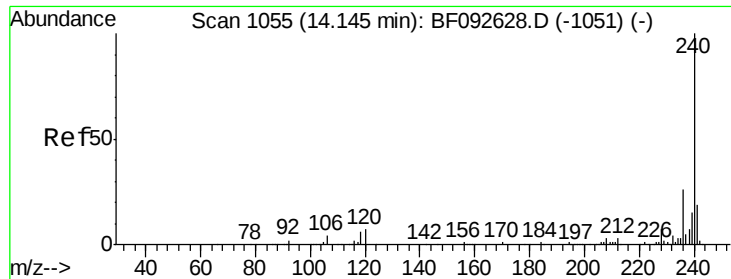


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093317.D

Acq: 2 Mar 2017 12:24

Instrument :

BNA_F

ClientSampleId :

PB97255BL

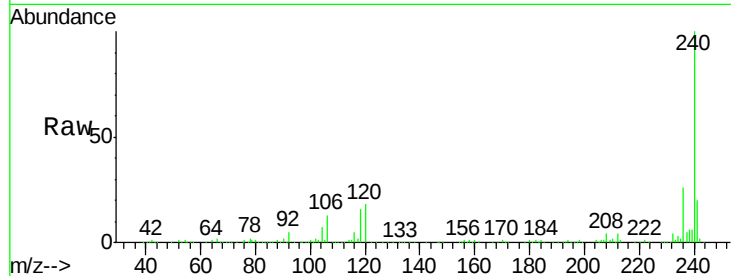
Tgt Ion:240 Resp: 492580

Ion Ratio Lower Upper

240 100

120 18.4 12.9 19.3

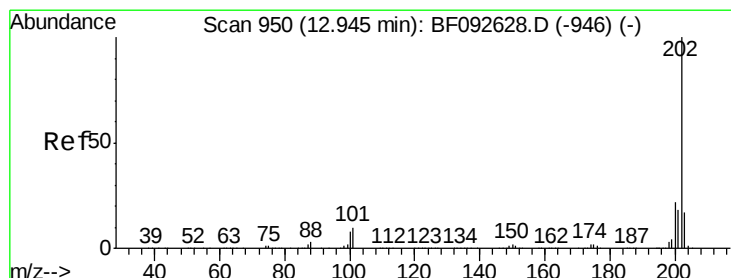
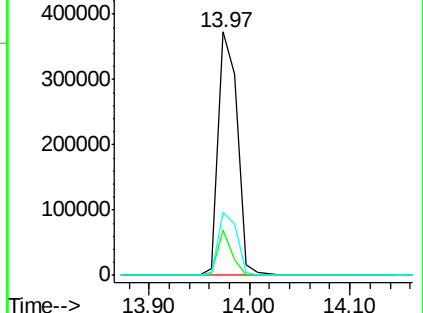
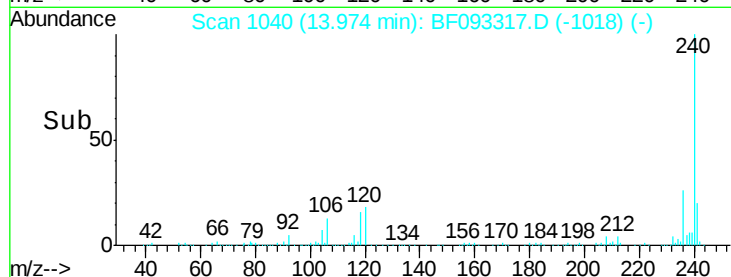
236 26.1 20.9 31.3



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



#77

Pyrene

Concen: 0.01 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF093317.D

Acq: 2 Mar 2017 12:24

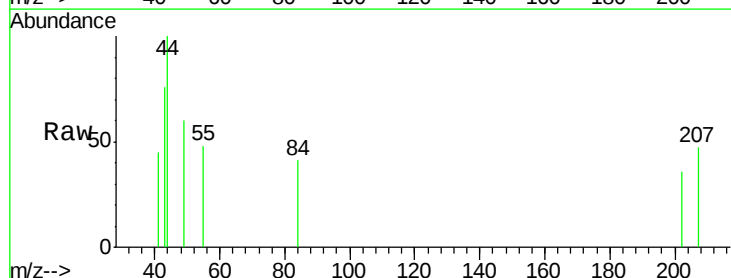
Tgt Ion:202 Resp: 219

Ion Ratio Lower Upper

202 100

200 0.0 17.7 26.5#

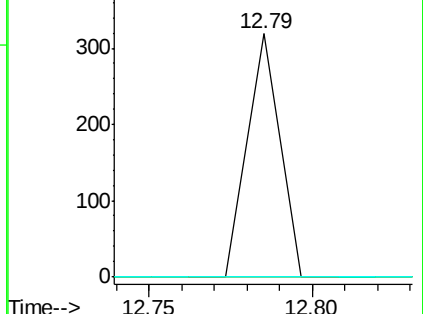
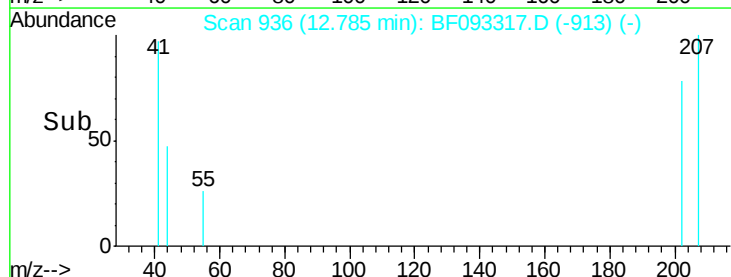
203 0.0 14.7 22.1#

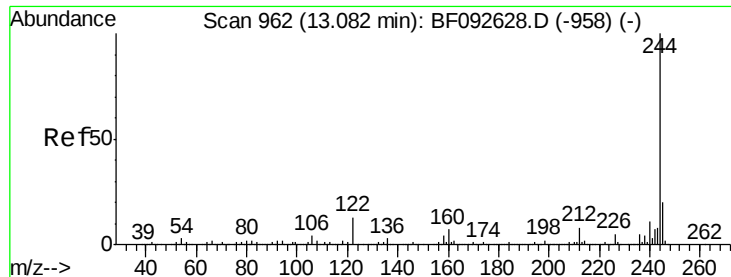


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 64.19 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF093317.D

Acq: 2 Mar 2017 12:24

Instrument :

BNA_F

ClientSampleId :

PB97255BL

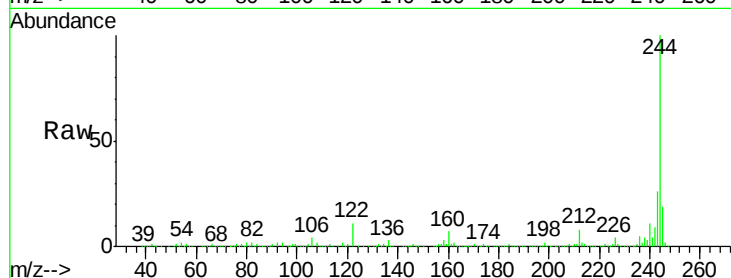
Tgt Ion:244 Resp: 1345727

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

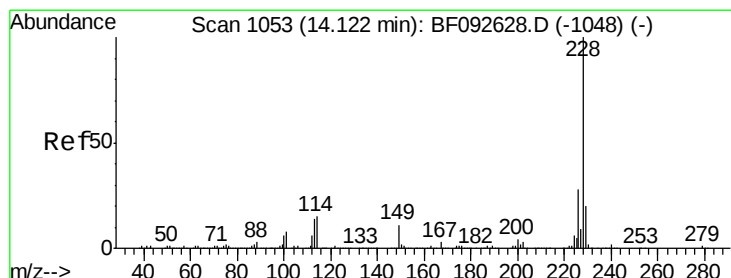
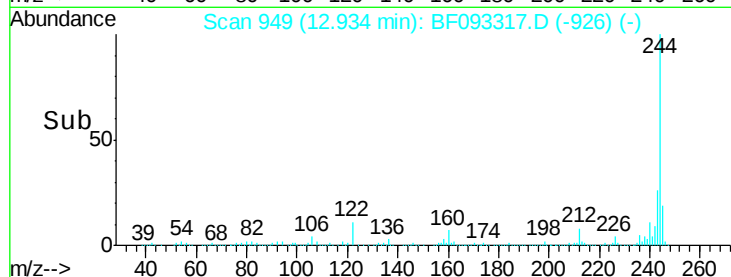
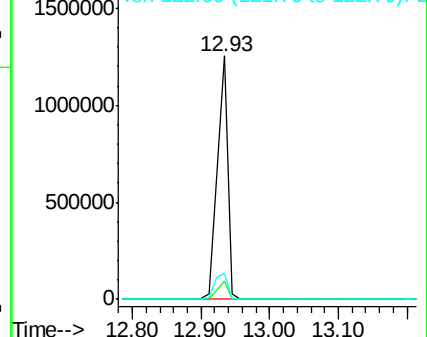
122 10.8 11.4 17.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 0.08 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BF093317.D

Acq: 2 Mar 2017 12:24

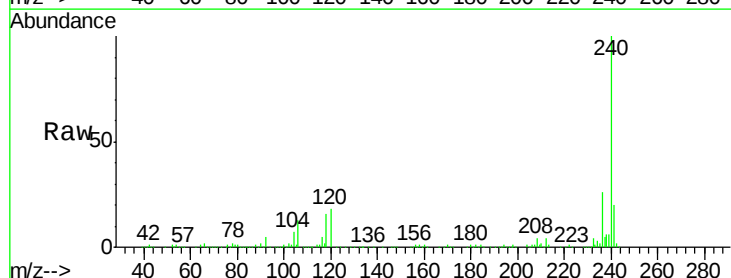
Tgt Ion:228 Resp: 2425

Ion Ratio Lower Upper

228 100

226 0.0 22.4 33.6#

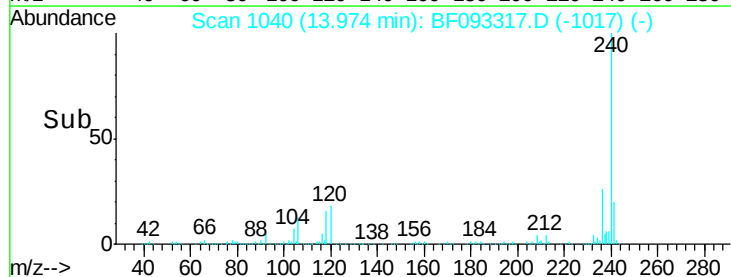
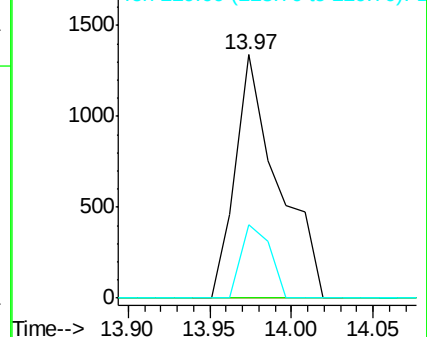
229 30.3 16.2 24.4#

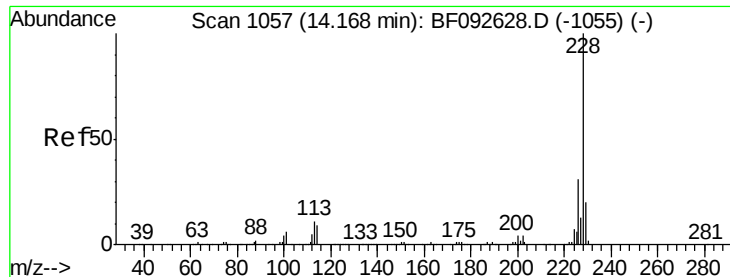


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.09 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.07 min

Lab File: BF093317.D

Acq: 2 Mar 2017 12:24

Instrument :

BNA_F

ClientSampleId :

PB97255BL

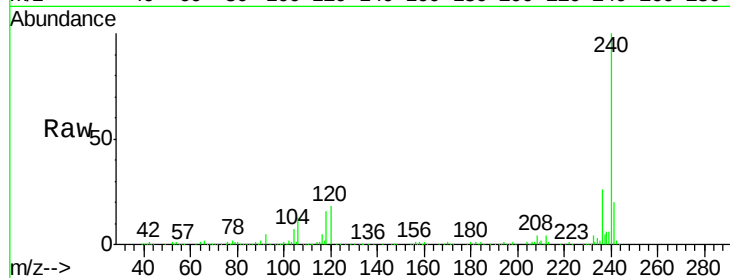
Tgt Ion:228 Resp: 2425

Ion Ratio Lower Upper

228 100

226 0.0 25.4 38.0#

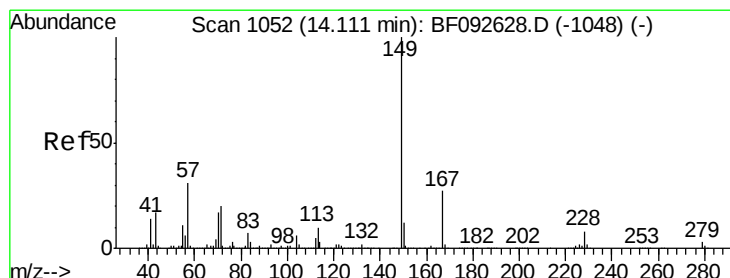
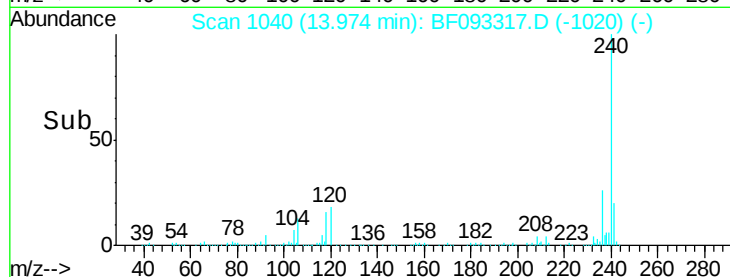
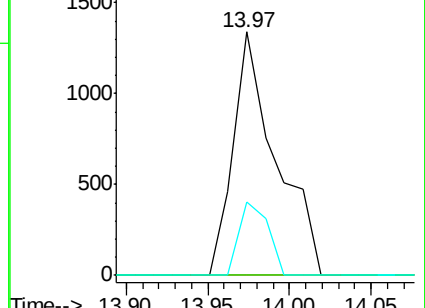
229 30.3 16.2 24.2#



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: 0.17 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF093317.D

Acq: 2 Mar 2017 12:24

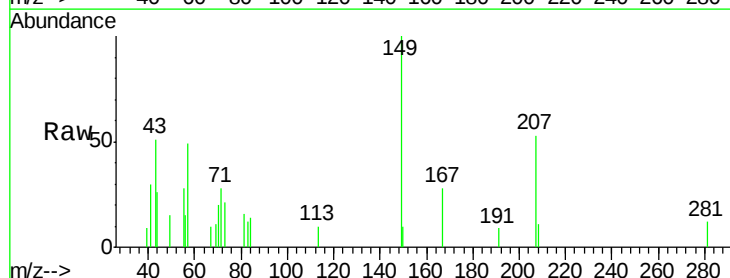
Tgt Ion:149 Resp: 3462

Ion Ratio Lower Upper

149 100

167 28.3 20.2 30.4

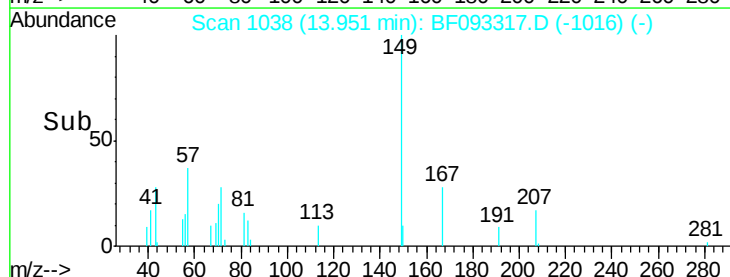
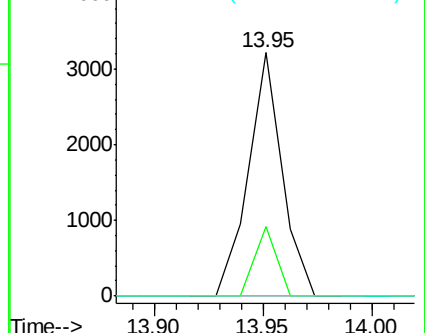
279 0.0 1.8 2.8#

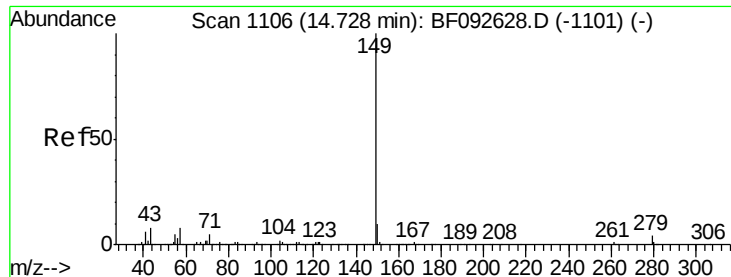


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

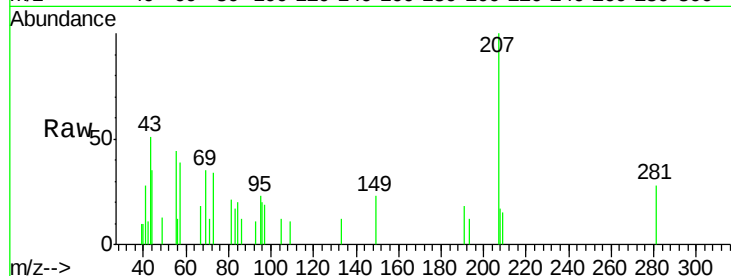




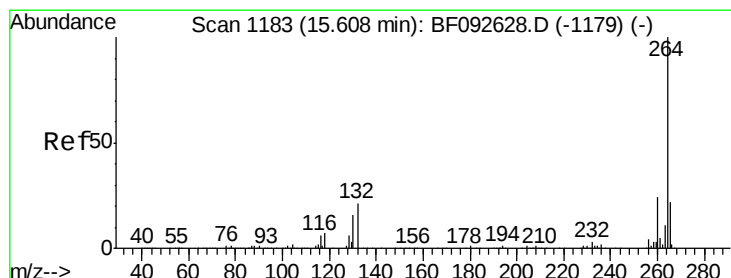
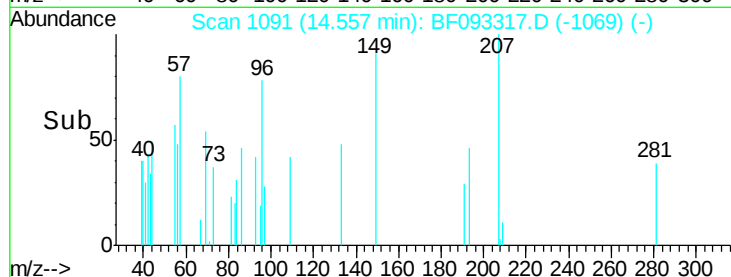
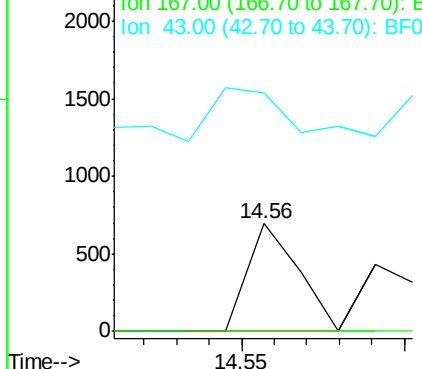
#84
Di-n-octyl phthalate
Concen: 0.02 ng
RT: 14.56 min Scan# 1091
Delta R.T. -0.05 min
Lab File: BF093317.D
Acq: 2 Mar 2017 12:24

Instrument :
BNA_F
ClientSampleId :
PB97255BL

Tgt Ion:149 Resp: 739
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 76.9 8.9 13.3#

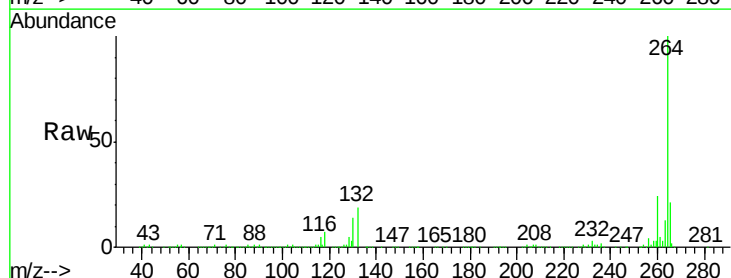


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

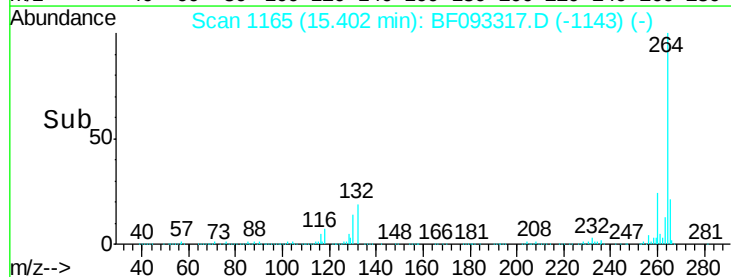
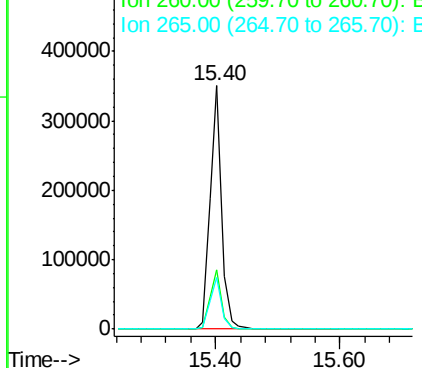


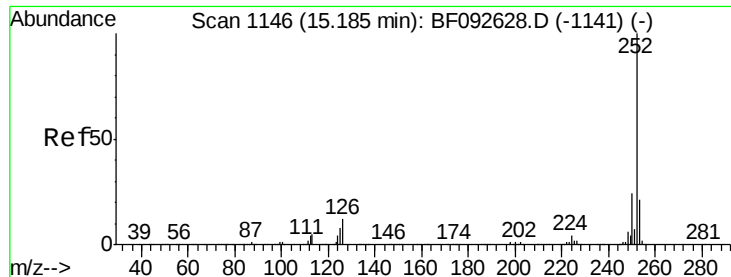
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF093317.D
Acq: 2 Mar 2017 12:24

Tgt Ion:264 Resp: 446483
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.3 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

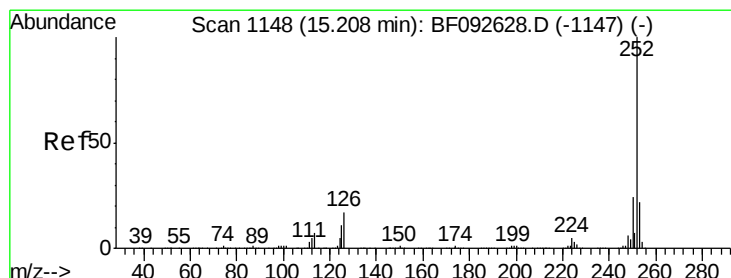
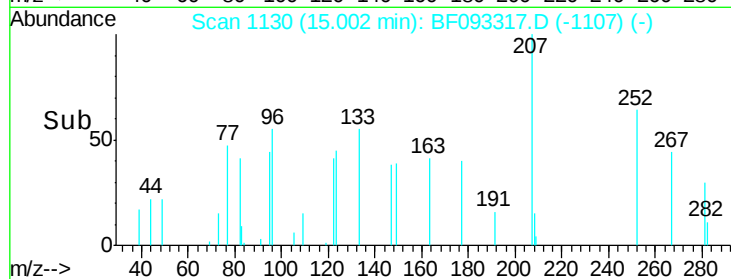
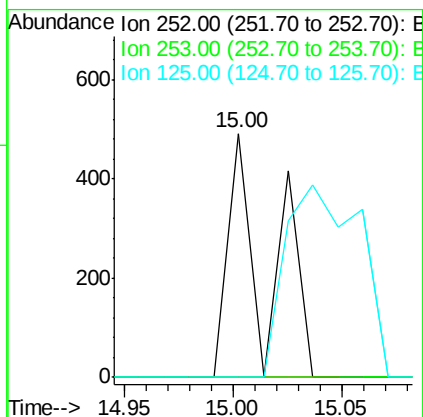
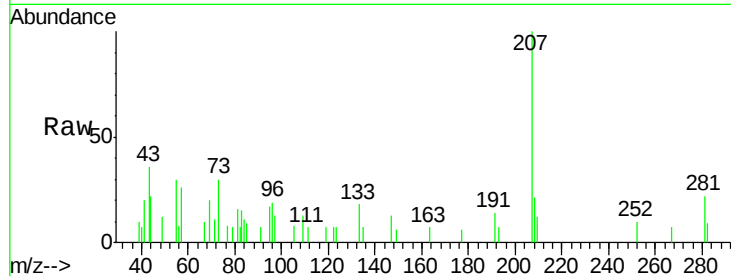




#87
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF093317.D
Acq: 2 Mar 2017 12:24

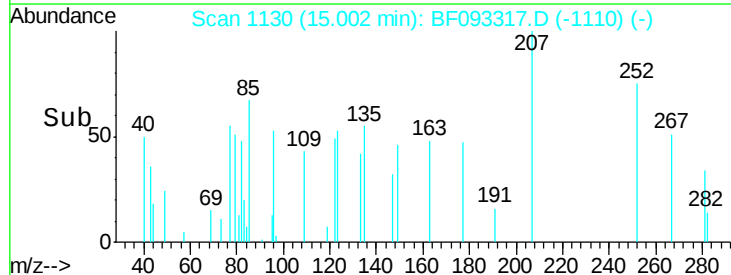
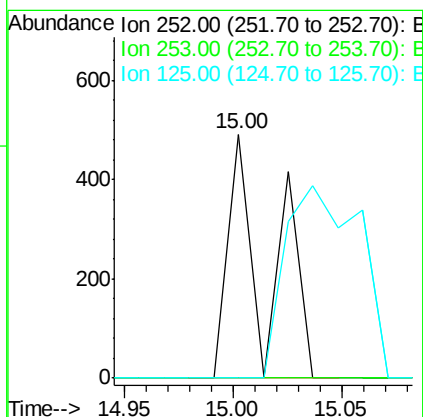
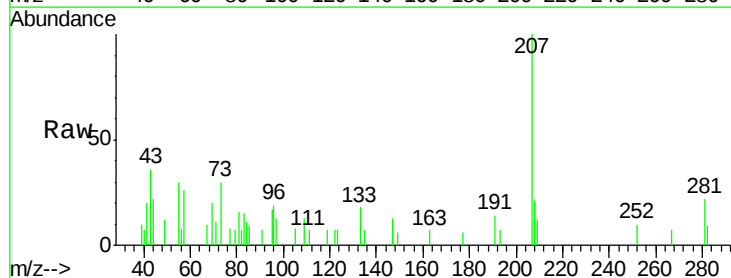
Instrument :
BNA_F
ClientSampleId :
PB97255BL

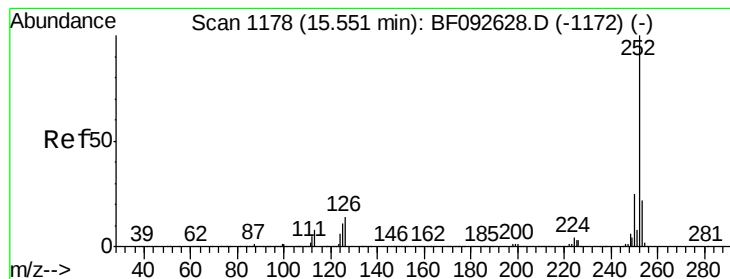
Tgt Ion: 252 Resp: 623
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.4#
125 0.0 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.07 min
Lab File: BF093317.D
Acq: 2 Mar 2017 12:24

Tgt Ion: 252 Resp: 623
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: 0.07 ng

RT: 15.40 min Scan# 1165

Delta R.T. 0.01 min

Lab File: BF093317.D

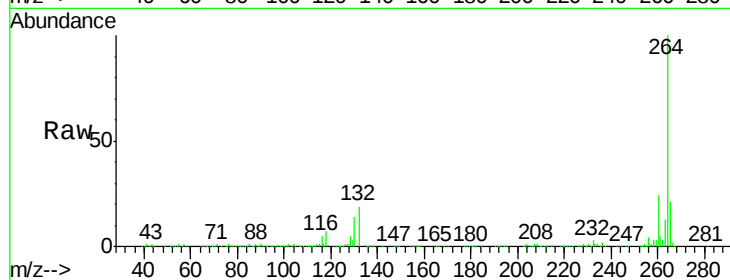
Acq: 2 Mar 2017 12:24

Instrument :

BNA_F

ClientSampleId :

PB97255BL



Tgt Ion:	252	Resp:	1682
Ion Ratio	Lower	Upper	
252	100		
253	40.5	18.2	27.2#
125	37.9	10.0	15.0#

