

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093333.D
 Acq On : 2 Mar 2017 21:00
 Operator : SJ/MA
 Sample : PB97296BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BL

Quant Time: Mar 03 00:17:14 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	158971	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	648058	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	325830	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	586270	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	522564	20.00	ng	-0.05
86) Perylene-d12	15.39	264	376787	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1259967	135.98	ng	-0.06
7) Phenol-d6	6.44	99	1548701	129.90	ng	-0.05
23) Nitrobenzene-d5	7.37	82	1030328	88.54	ng	-0.06
41) 2,4,6-Tribromophenol	10.65	330	334547	141.96	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1710731	95.12	ng	-0.05
78) Terphenyl-d14	12.92	244	1503695	67.61	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.42	88	238	0.05	ng	# 1
4) n-Nitrosodimethylamine	3.08	42	208	0.03	ng	# 1
6) Aniline	6.57	93	1763	0.11	ng	# 1
8) 2-Chlorophenol	6.58	128	244	0.02	ng	# 1
9) Benzaldehyde	6.44	77	2050	0.24	ng	# 1
10) Phenol	6.45	94	988	0.07	ng	# 1
11) bis(2-Chloroethyl)ether	6.57	93	1763	0.16	ng	# 1
12) 1,3-Dichlorobenzene	6.97	146	451	0.04	ng	# 1
13) 1,4-Dichlorobenzene	6.97	146	451	0.04	ng	# 1
14) 1,2-Dichlorobenzene	6.97	146	451	0.04	ng	# 1
15) Benzyl Alcohol	6.94	79	15561	1.76	ng	# 40
19) n-Nitroso-di-n-propylamine	7.37	70	136301	17.96	ng	# 81
24) Nitrobenzene	7.37	77	2802	0.23	ng	# 38
25) Isophorone	7.37	82	806632	37.20	ng	# 65
45) 1,1'-Biphenyl	9.28	154	3251	0.14	ng	# 90
47) 2-Nitroaniline	9.17	65	2777	0.45	ng	# 1
50) 2,6-Dinitrotoluene	9.85	165	40618	8.57	ng	# 31
51) Acenaphthene	9.85	154	1145	0.06	ng	# 5
56) 2,4-Dinitrotoluene	9.85	165	40611	6.44	ng	# 20
57) Fluorene	10.64	166	16516	0.84	ng	# 89
62) Azobenzene	10.64	77	1538	0.07	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.64	198	910	2.91	ng	# 1
65) n-Nitrosodiphenylamine	10.64	169	11451	0.61	ng	# 44
66) 4-Bromophenyl-phenylether	10.64	248	23539	3.84	ng	# 1
73) Di-n-butylphthalate	11.90	149	916	0.03	ng	# 76
76) Benzidine	12.68	184	2224	0.10	ng	# 65
77) Pyrene	12.92	202	5227	0.13	ng	# 65
80) Benzo(a)anthracene	13.97	228	1798	0.06	ng	# 50
82) Chrysene	13.97	228	1798	0.06	ng	# 47
83) Bis(2-ethylhexyl)phthalate	13.94	149	1304	0.06	ng	# 89
84) Di-n-octyl phthalate	14.75	149	215	0.01	ng	# 74
89) Benzo(a)pyrene	15.39	252	992	0.05	ng	# 70

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

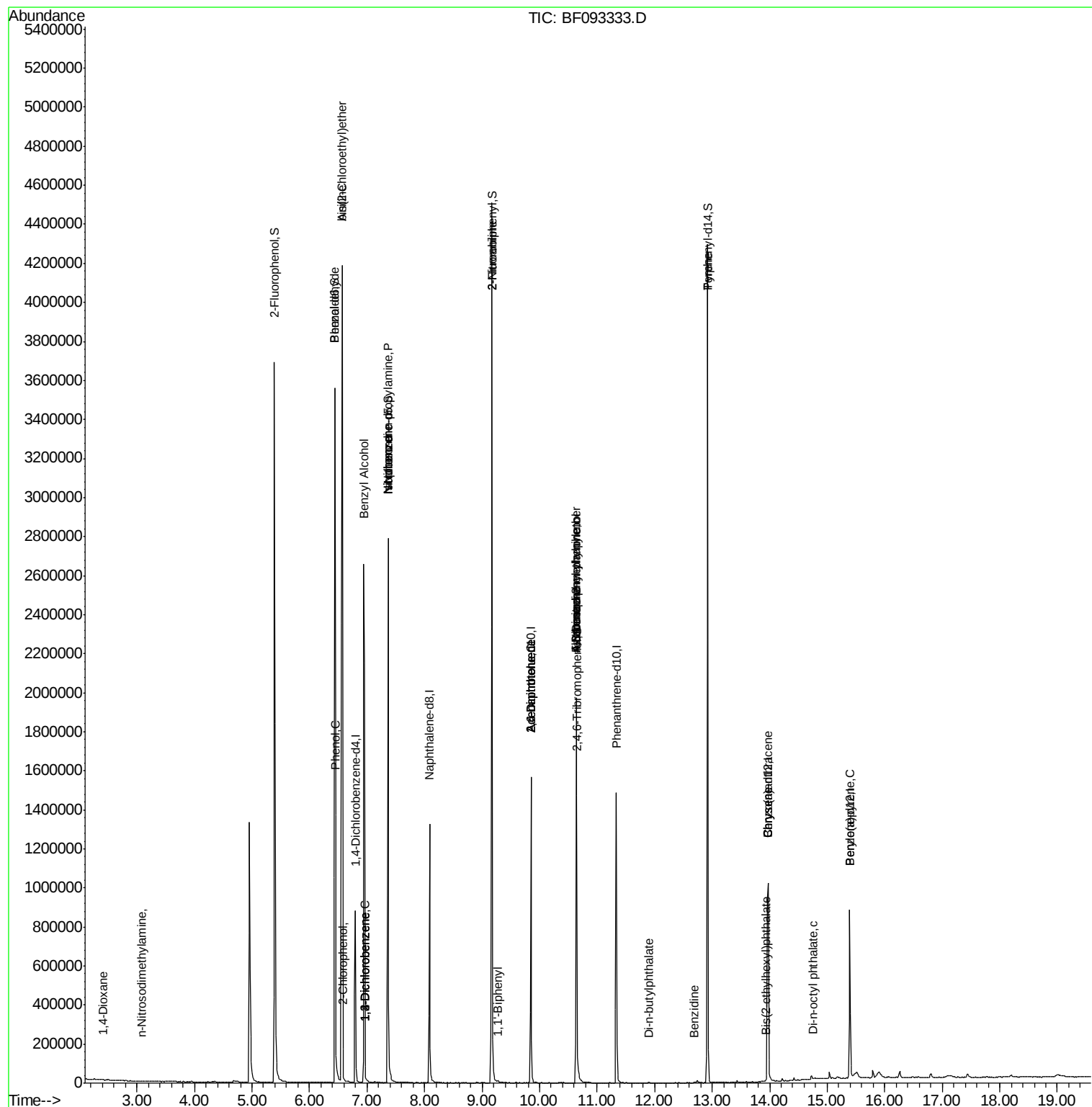
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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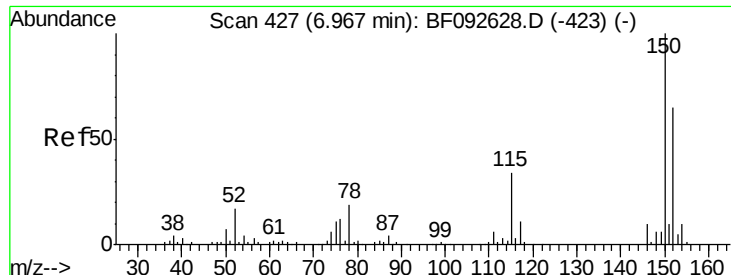
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 03 00:17:14 2017
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QLast Update : Fri Feb 17 17:31:55 2017
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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: BF093333.D

Acq: 2 Mar 2017 21:00

Instrument :

BNA_F

ClientSampleId :

PB97296BL

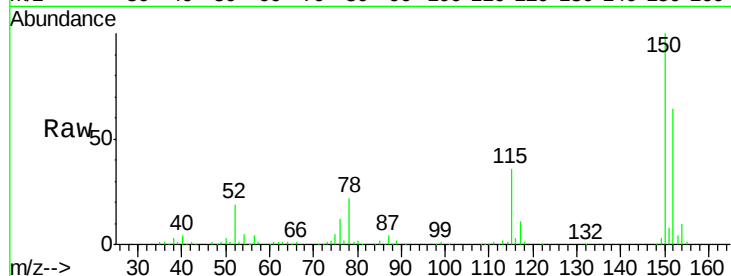
Tgt Ion:152 Resp: 158971

Ion Ratio Lower Upper

152 100

150 157.2 124.9 187.3

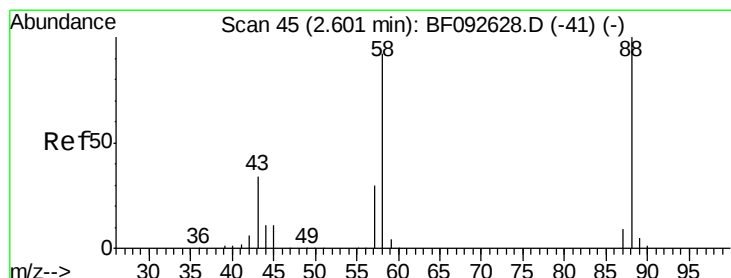
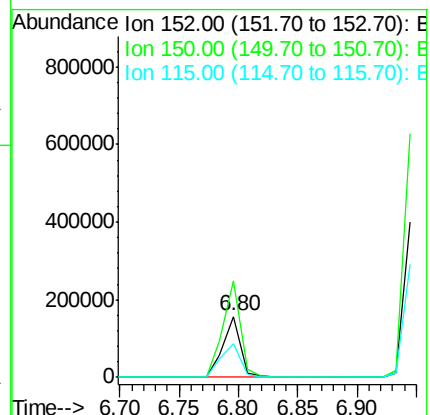
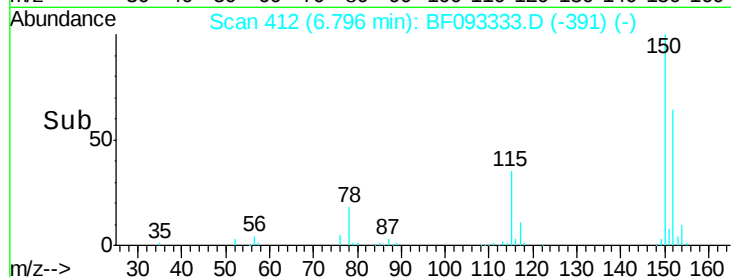
115 55.9 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.05 ng

RT: 2.42 min Scan# 29

Delta R.T. -0.01 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

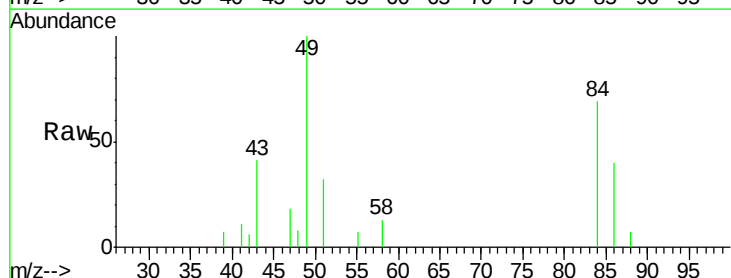
Tgt Ion: 88 Resp: 238

Ion Ratio Lower Upper

88 100

58 0.0 57.8 86.8#

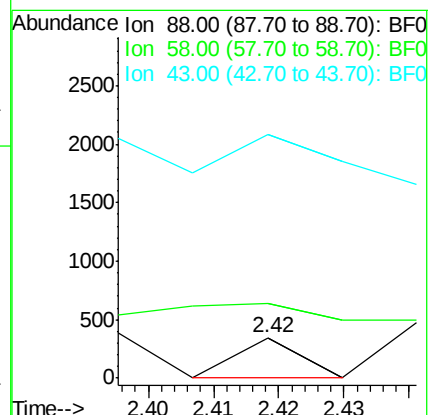
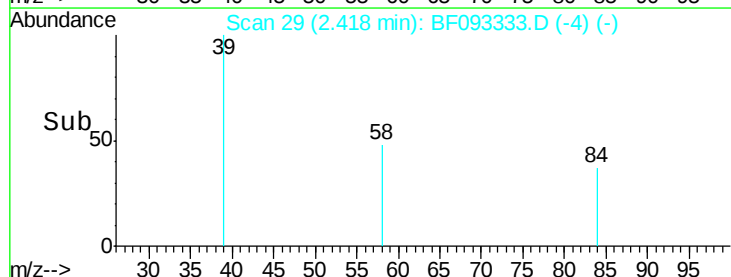
43 494.5 22.3 33.5#

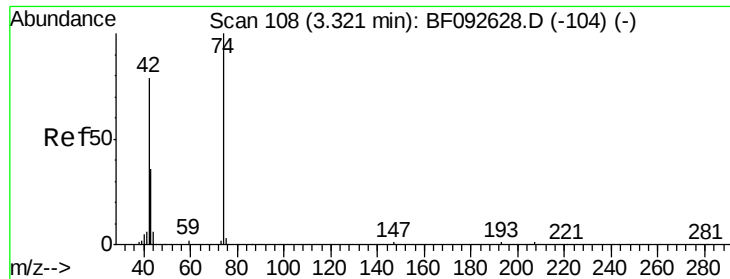


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.08 min Scan# 87

Delta R.T. -0.02 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

Instrument :

BNA_F

ClientSampleId :

PB97296BL

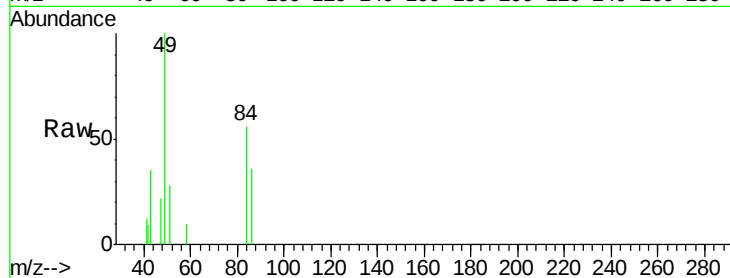
Tgt Ion: 42 Resp: 208

Ion Ratio Lower Upper

42 100

74 0.0 117.0 175.4#

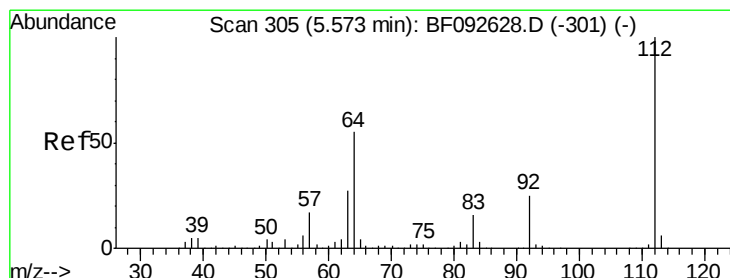
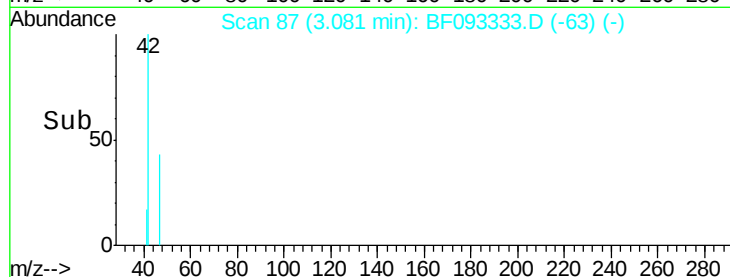
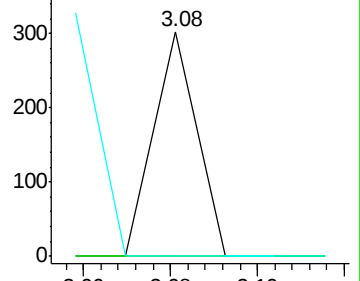
44 0.0 5.5 8.3#



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 135.98 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

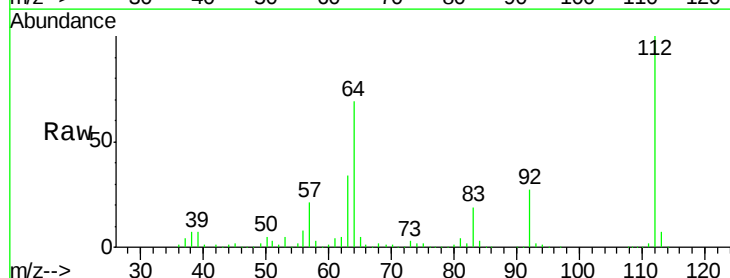
Tgt Ion: 112 Resp: 1259967

Ion Ratio Lower Upper

112 100

64 68.5 46.1 69.1

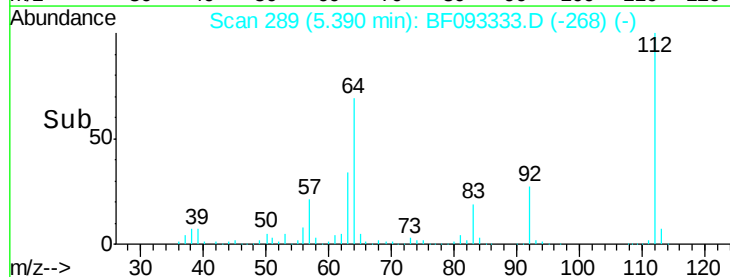
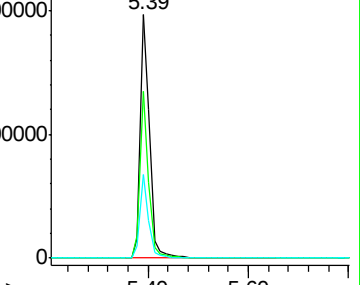
63 34.4 23.8 35.6

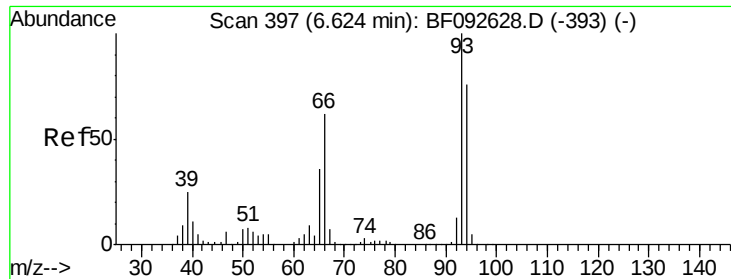


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.11 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.06 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

Instrument :

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ClientSampleId :

PB97296BL

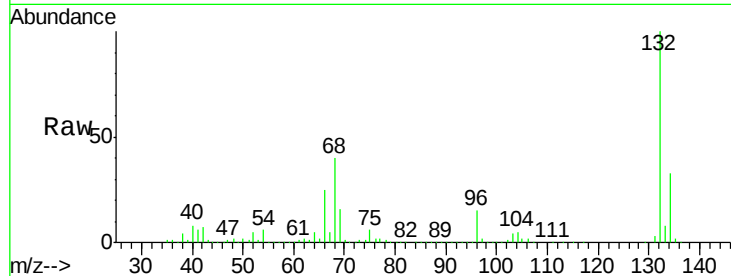
Tgt Ion: 93 Resp: 1763

Ion Ratio Lower Upper

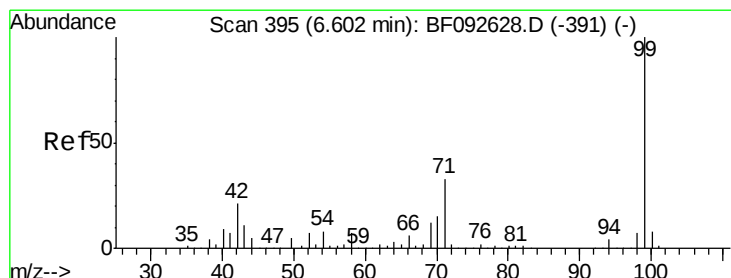
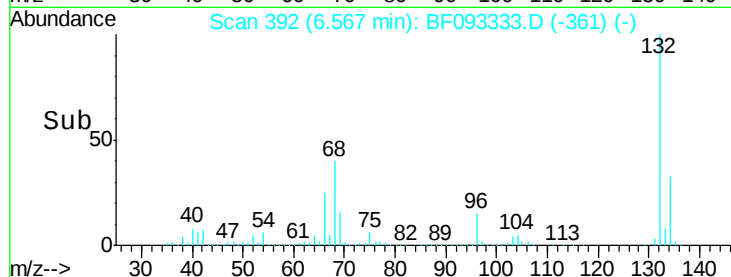
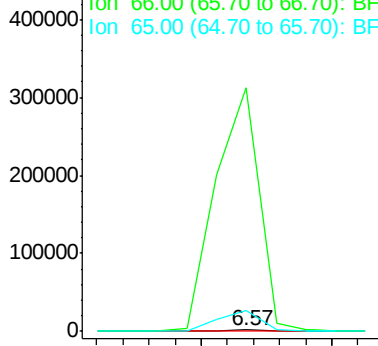
93 100

66 18638.7 76.2 114.2#

65 1568.0 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 129.90 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

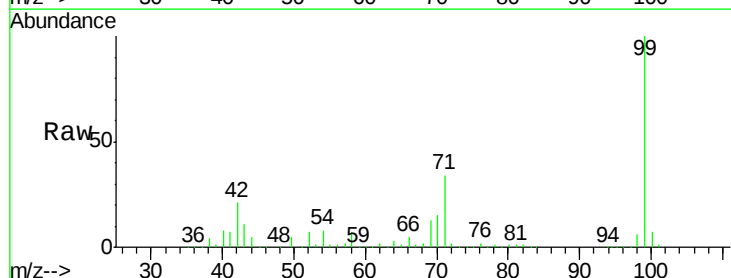
Tgt Ion: 99 Resp: 1548701

Ion Ratio Lower Upper

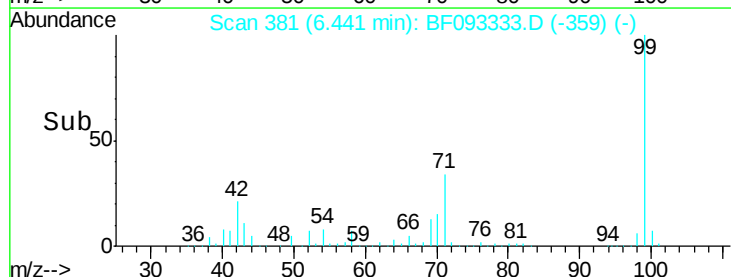
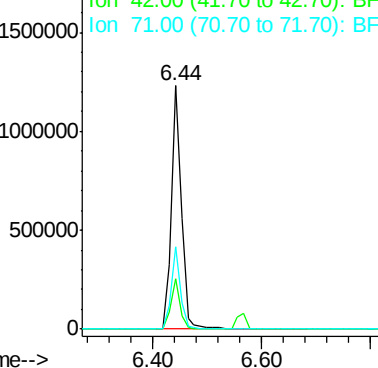
99 100

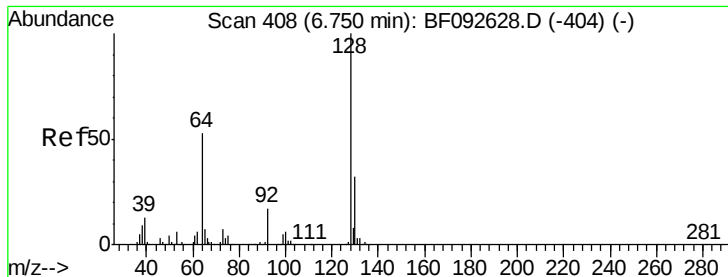
42 20.9 15.6 23.4

71 33.6 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: 0.02 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

Instrument :

BNA_F

ClientSampleId :

PB97296BL

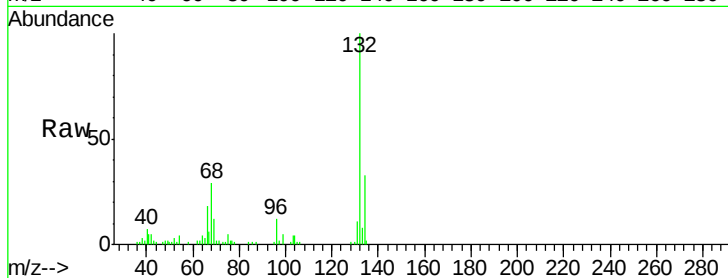
Tgt Ion:128 Resp: 244

Ion Ratio Lower Upper

128 100

130 120.8 12.3 52.3#

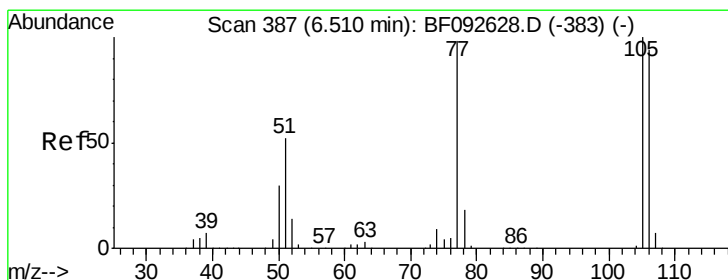
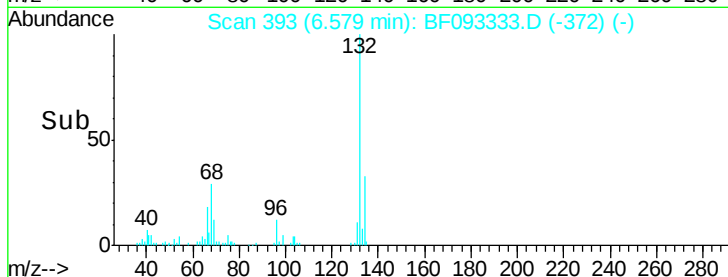
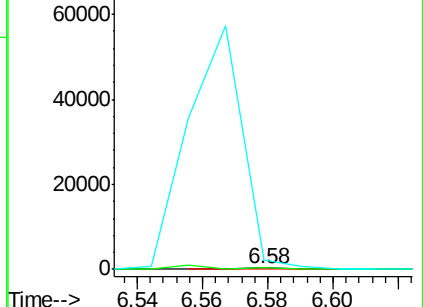
64 605.3 32.2 72.2#



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: 0.24 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.05 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

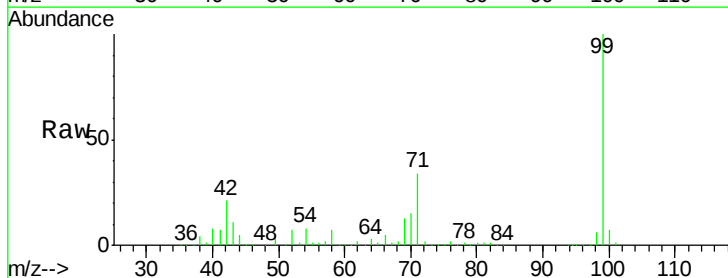
Tgt Ion: 77 Resp: 2050

Ion Ratio Lower Upper

77 100

105 0.0 83.9 123.9#

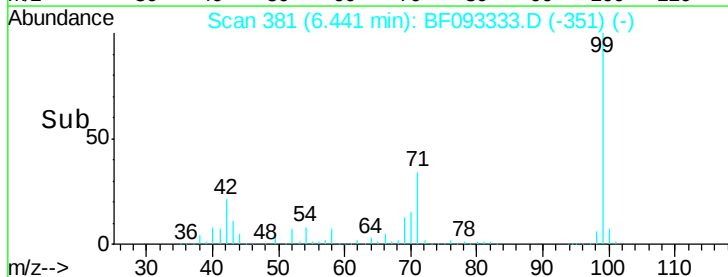
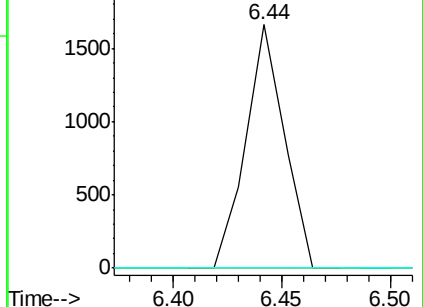
106 0.0 77.6 117.6#

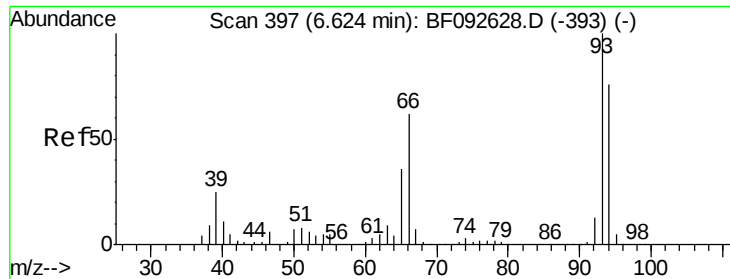


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.07 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

Instrument :

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ClientSampleId :

PB97296BL

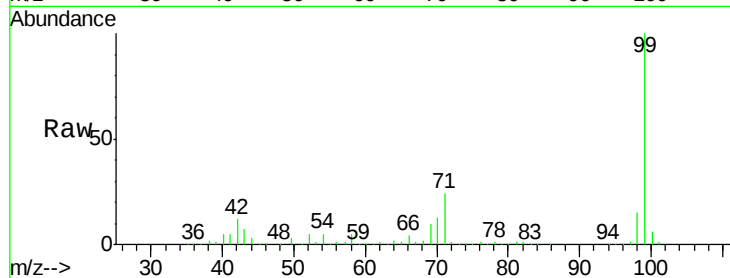
Tgt Ion: 94 Resp: 988

Ion Ratio Lower Upper

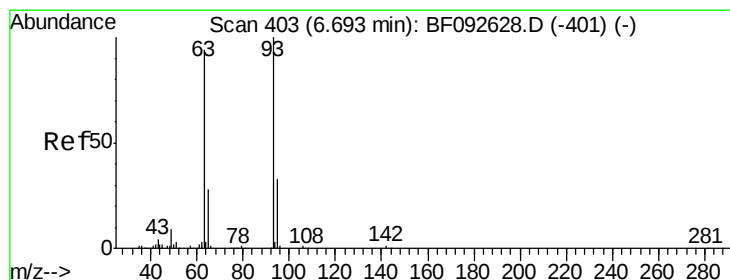
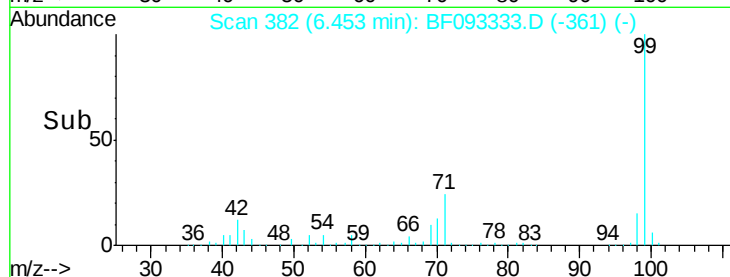
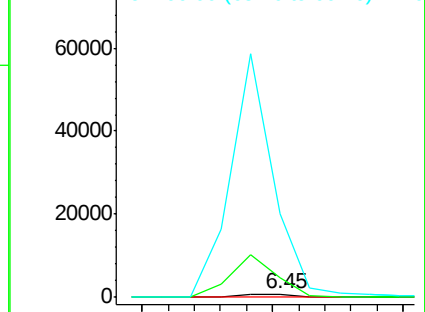
94 100

65 579.2 21.4 61.4#

66 2543.3 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: BF093333.D

Acq: 2 Mar 2017 21:00

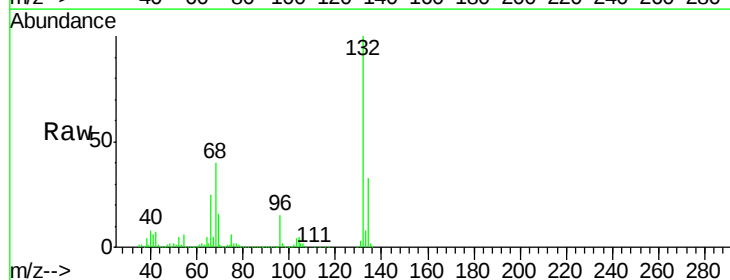
Tgt Ion: 93 Resp: 1763

Ion Ratio Lower Upper

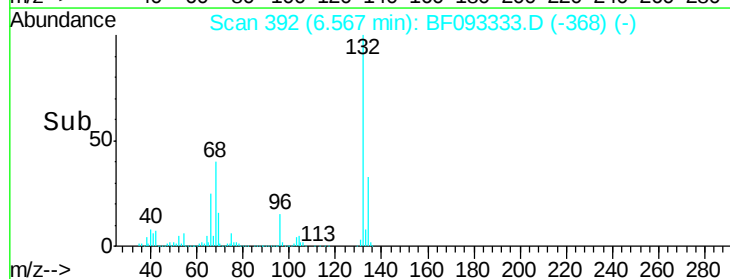
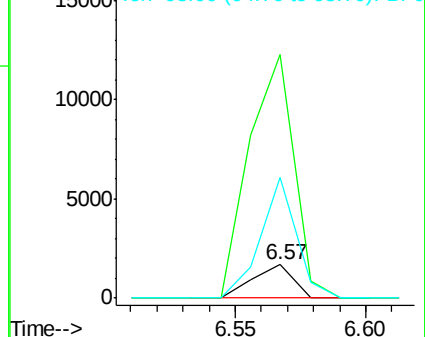
93 100

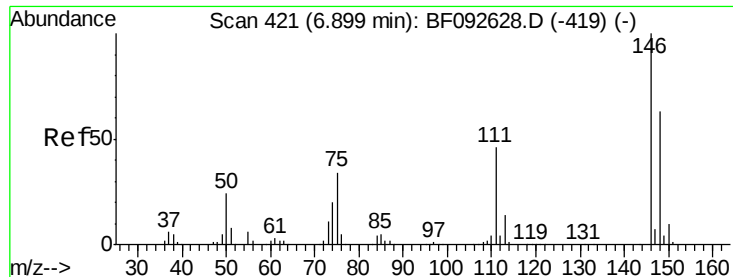
63 731.4 60.4 100.4#

95 362.6 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: BF093333.D

Acq: 2 Mar 2017 21:00

Instrument :

BNA_F

ClientSampleId :

PB97296BL

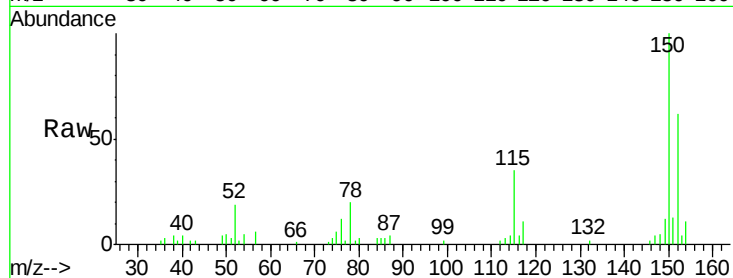
Tgt Ion:146 Resp: 451

Ion Ratio Lower Upper

146 100

148 282.7 53.4 80.0#

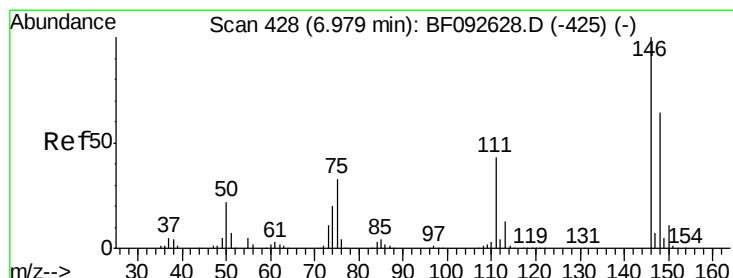
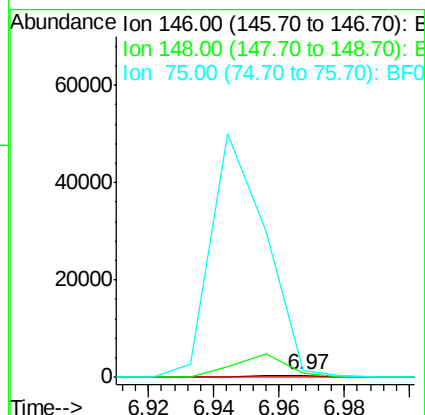
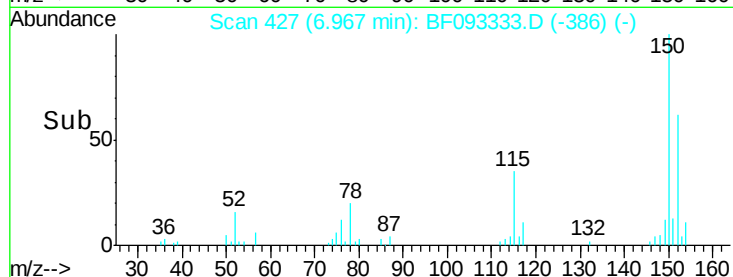
75 396.0 18.5 27.7#



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: BF093333.D

Acq: 2 Mar 2017 21:00

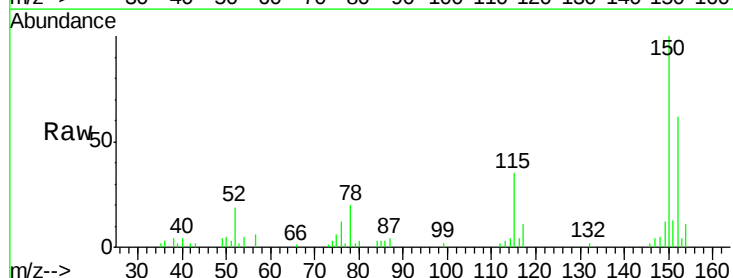
Tgt Ion:146 Resp: 451

Ion Ratio Lower Upper

146 100

148 282.7 50.6 76.0#

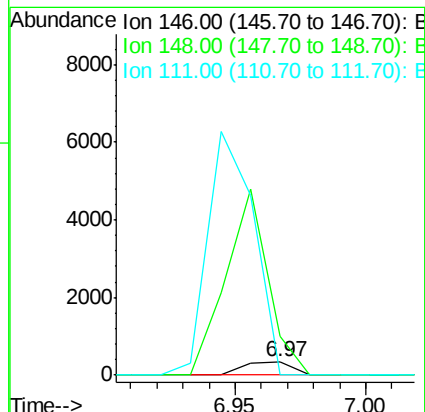
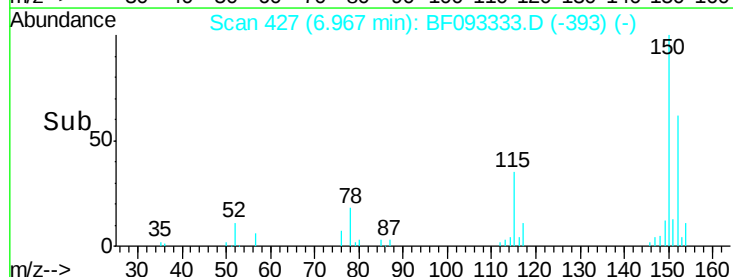
111 0.0 36.2 54.4#

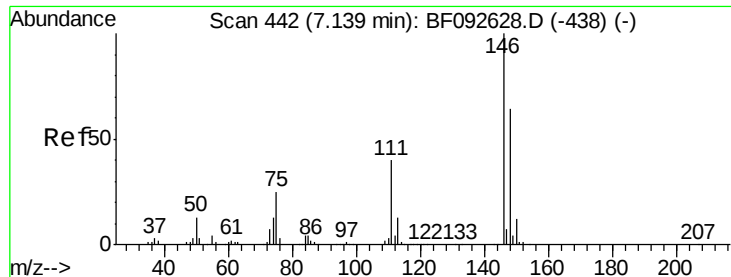


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.04 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.06 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

Instrument :

BNA_F

ClientSampleId :

PB97296BL

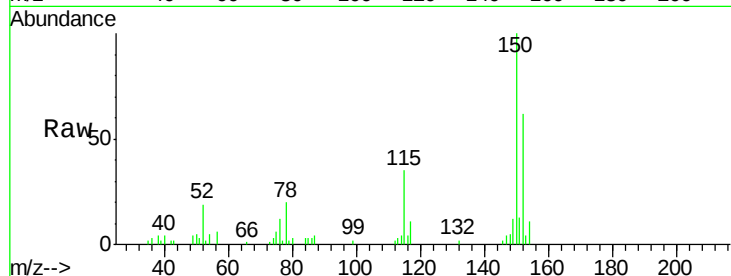
Tgt Ion:146 Resp: 451

Ion Ratio Lower Upper

146 100

148 282.7 52.2 78.2#

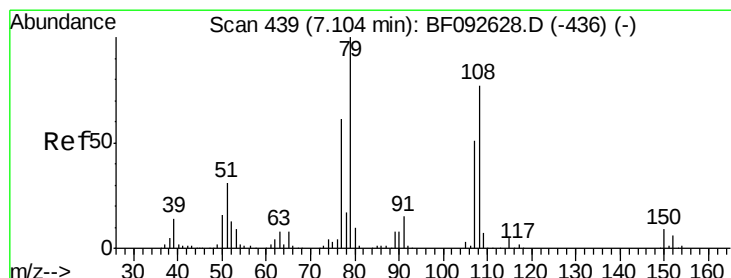
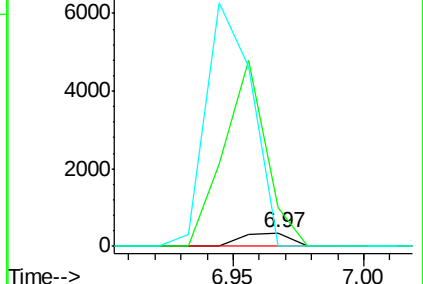
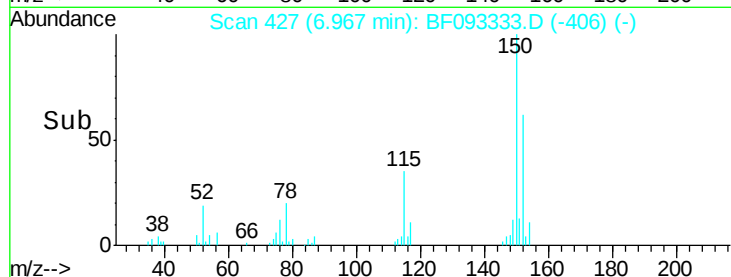
111 0.0 36.2 54.2#



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: 1.76 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.06 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

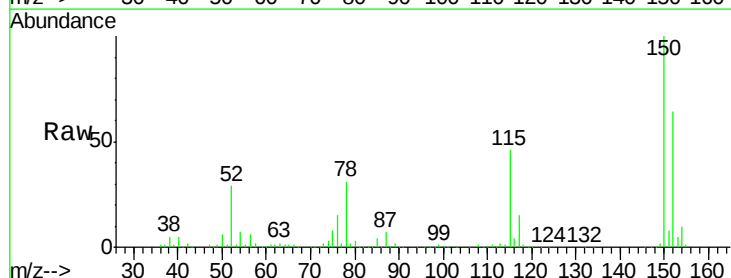
Tgt Ion: 79 Resp: 15561

Ion Ratio Lower Upper

79 100

108 23.5 61.4 92.0#

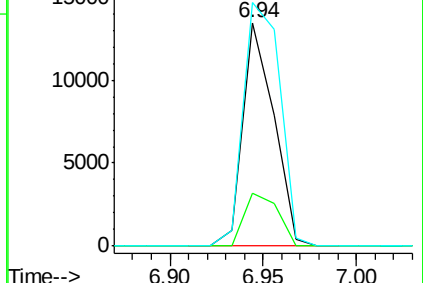
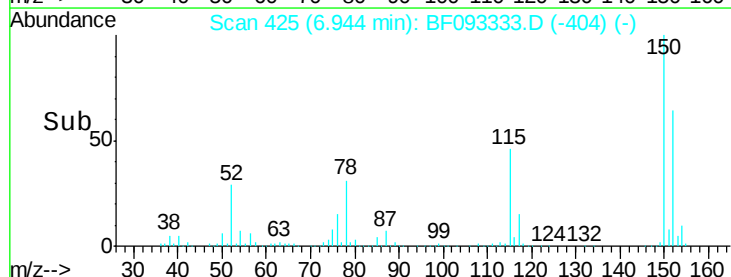
77 108.9 50.9 76.3#

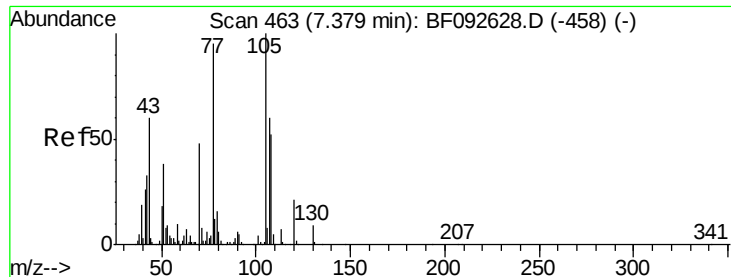


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

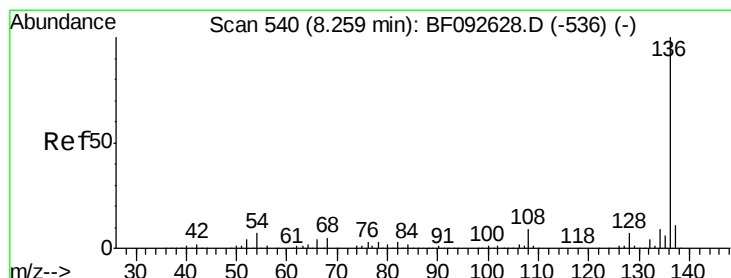
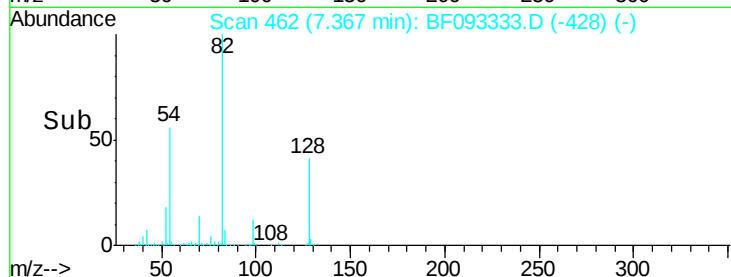
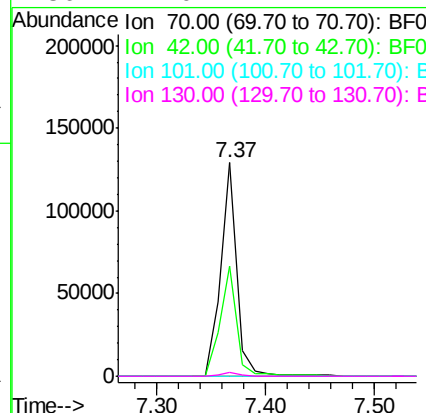
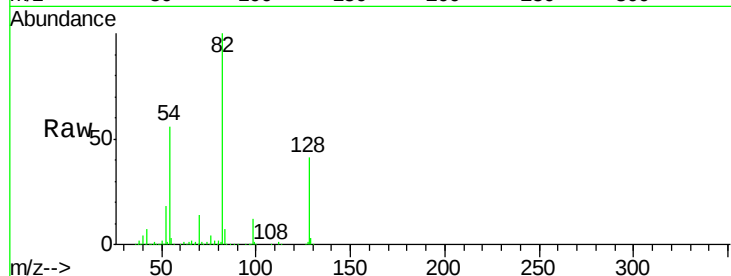




#19
n-Nitroso-di-n-propylamine
Concen: 17.96 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.09 min
Lab File: BF093333.D
Acq: 2 Mar 2017 21:00

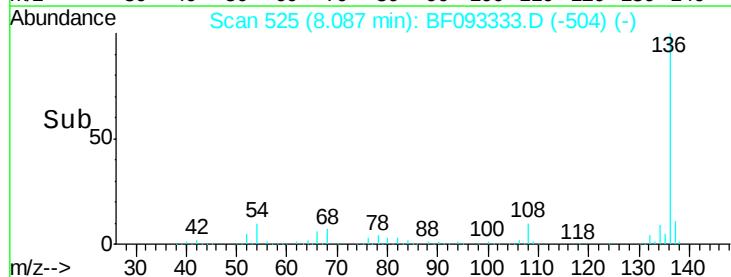
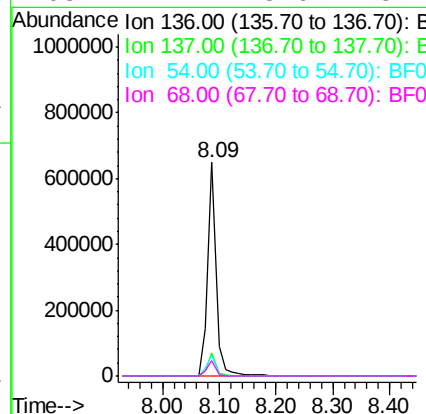
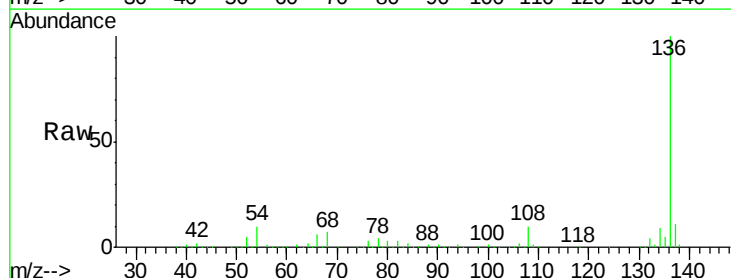
Instrument :
BNA_F
ClientSampleId :
PB97296BL

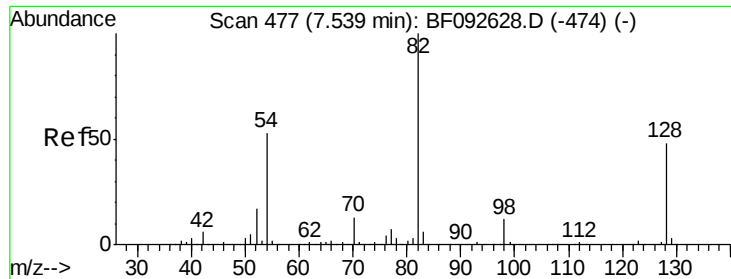
Tgt Ion: 70 Resp: 136301
Ion Ratio Lower Upper
70 100
42 51.8 49.4 74.0
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093333.D
Acq: 2 Mar 2017 21:00

Tgt Ion: 136 Resp: 648058
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 9.5 4.5 6.7#
68 7.2 3.6 5.4#

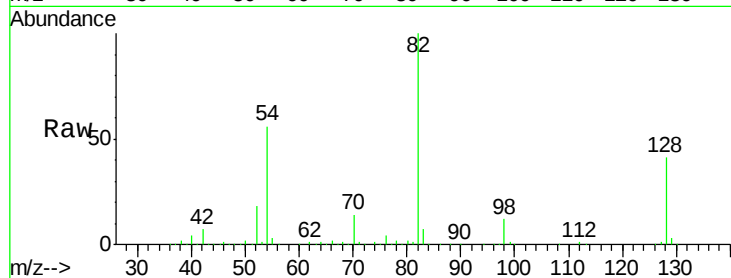




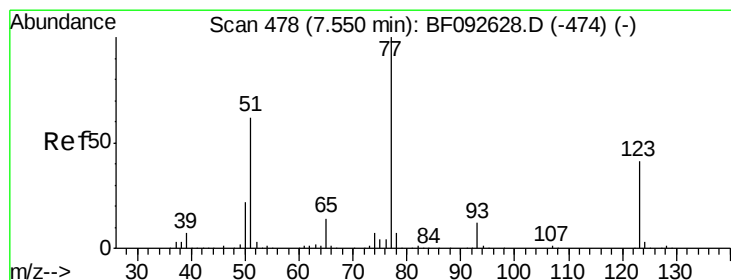
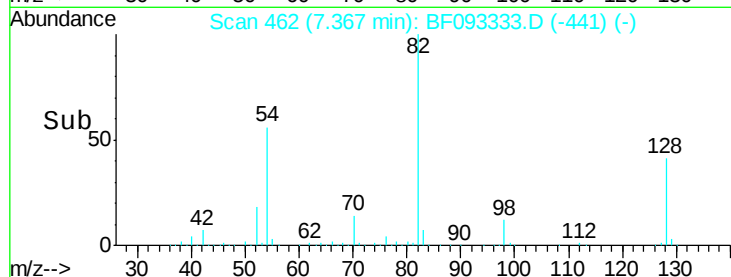
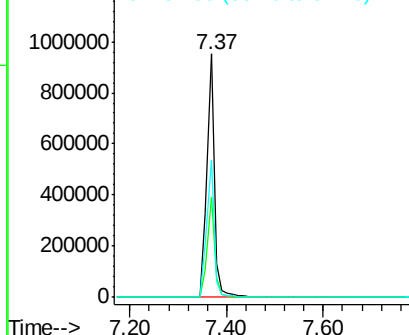
#23
 Nitrobenzene-d5
 Concen: 88.54 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.06 min
 Lab File: BF093333.D
 Acq: 2 Mar 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BL

Tgt Ion: 82 Resp: 1030328
 Ion Ratio Lower Upper
 82 100
 128 41.3 34.6 52.0
 54 56.4 39.5 59.3

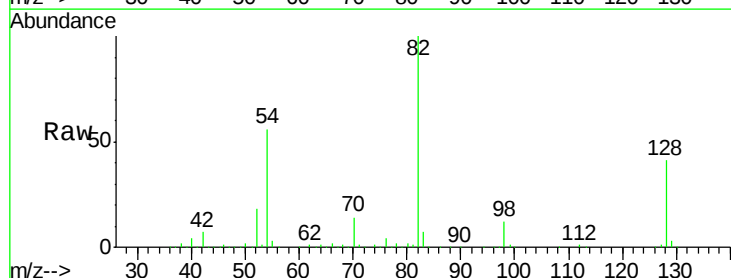


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

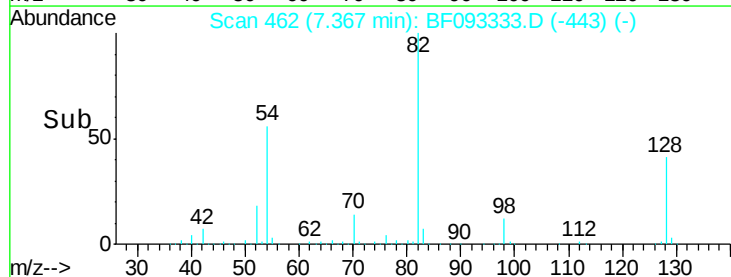
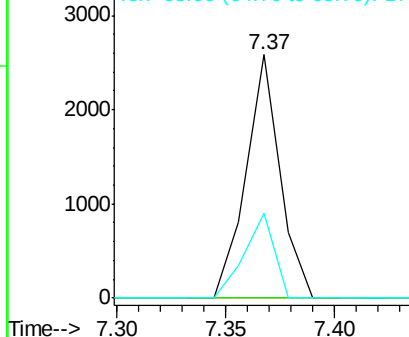


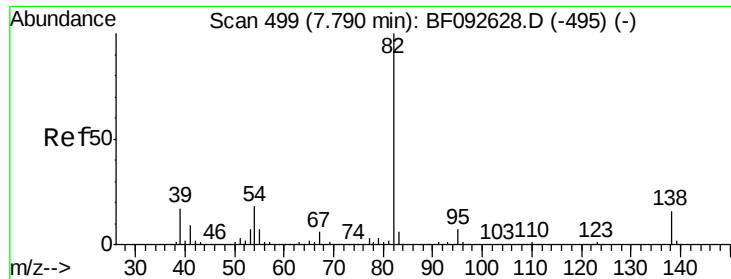
#24
 Nitrobenzene
 Concen: 0.23 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.08 min
 Lab File: BF093333.D
 Acq: 2 Mar 2017 21:00

Tgt Ion: 77 Resp: 2802
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.4#
 65 34.9 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

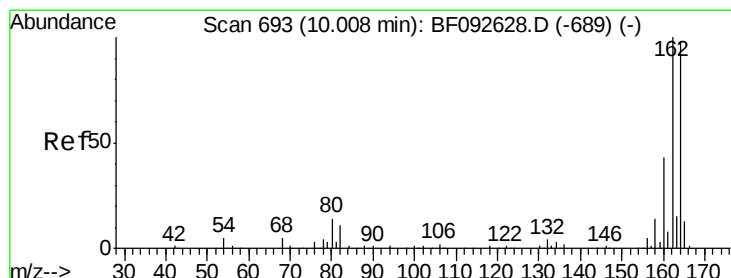
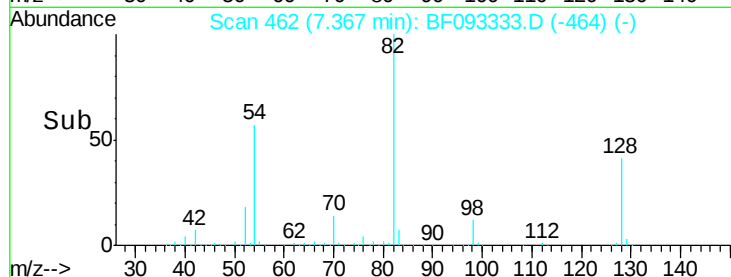
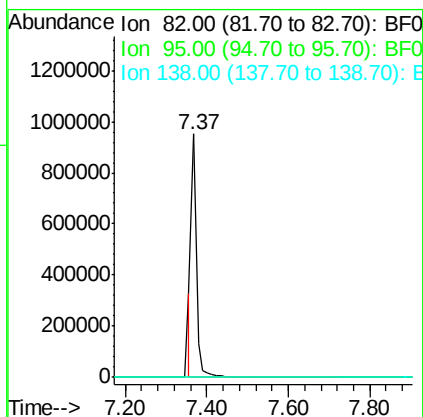
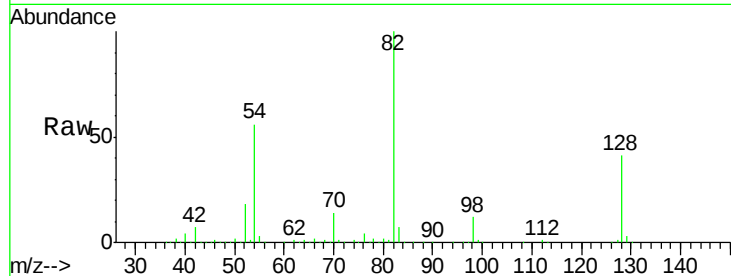




#25
Isophorone
Concen: 37.20 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.32 min
Lab File: BF093333.D
Acq: 2 Mar 2017 21:00

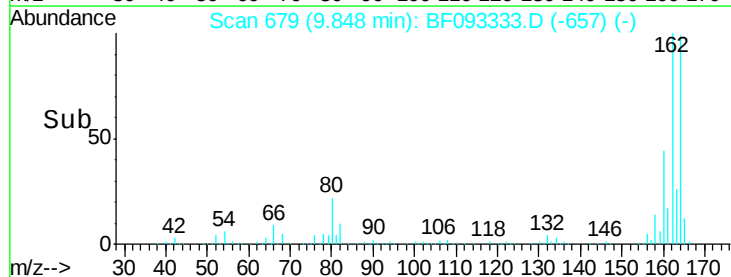
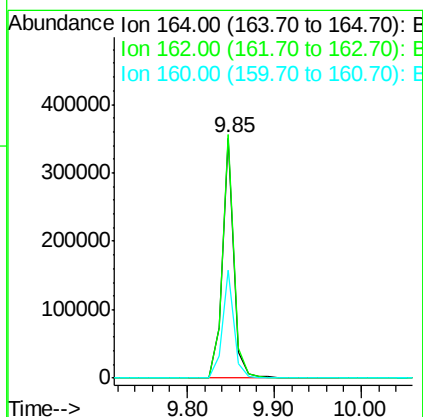
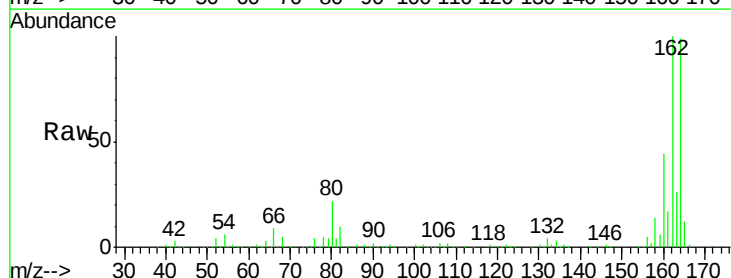
Instrument :
BNA_F
ClientSampleId :
PB97296BL

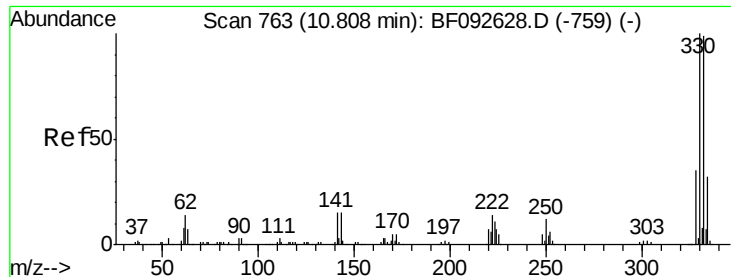
Tgt Ion: 82 Resp: 806632
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093333.D
Acq: 2 Mar 2017 21:00

Tgt Ion: 164 Resp: 325830
Ion Ratio Lower Upper
164 100
162 101.4 80.2 120.2
160 44.7 36.9 55.3

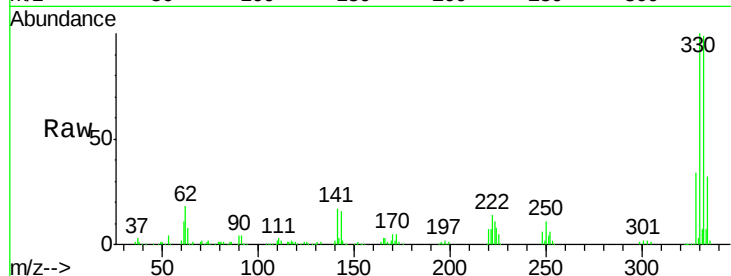




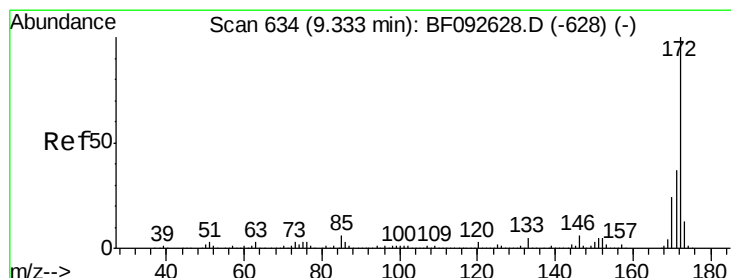
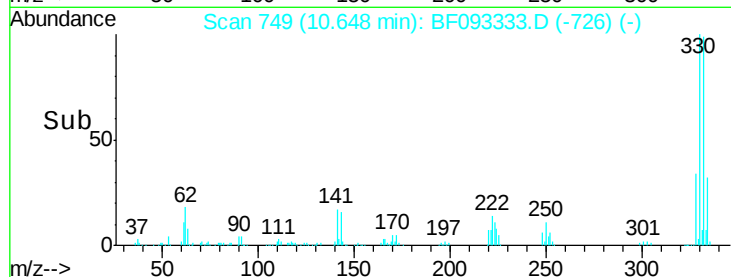
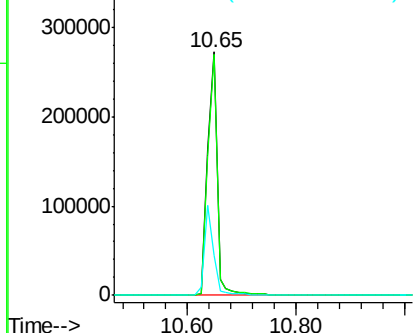
#41
 2,4,6-Tribromophenol
 Concen: 141.96 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093333.D
 Acq: 2 Mar 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BL

Tgt Ion:330 Resp: 334547
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 34.8 34.1 51.1

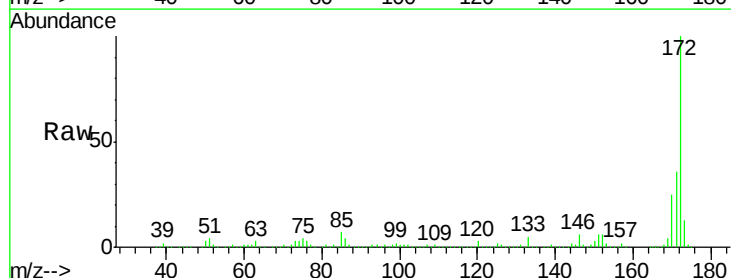


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

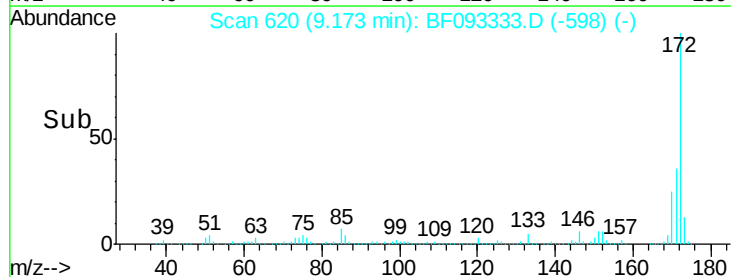
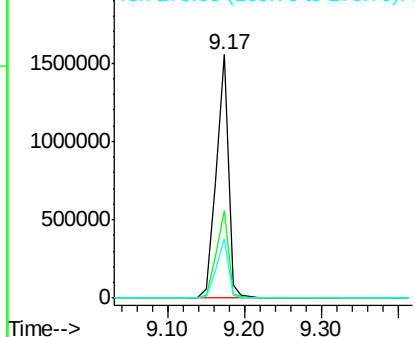


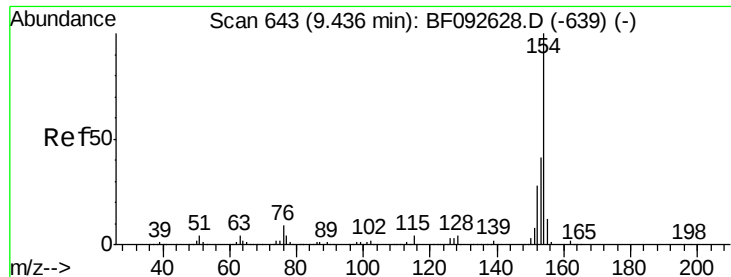
#44
 2-Fluorobiphenyl
 Concen: 95.12 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093333.D
 Acq: 2 Mar 2017 21:00

Tgt Ion:172 Resp: 1710731
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.5 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

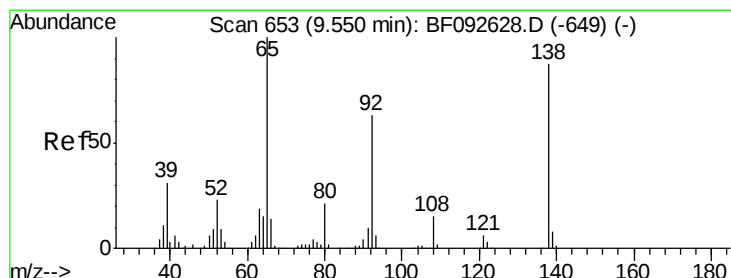
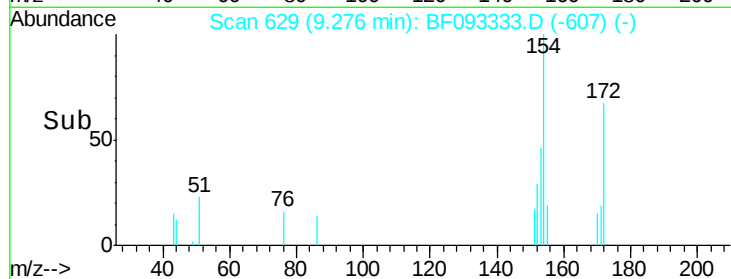
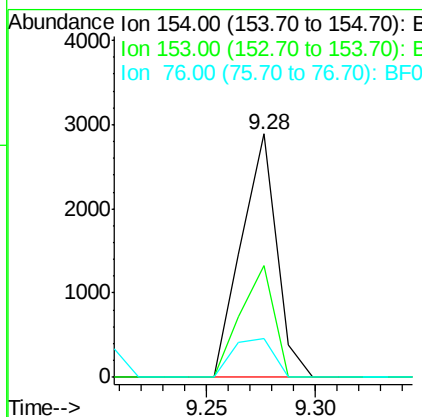
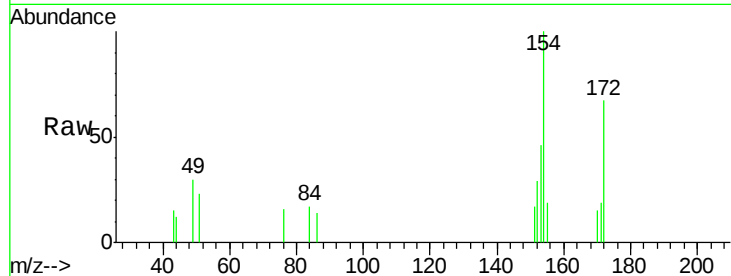




#45
 1,1'-Biphenyl
 Concen: 0.14 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.05 min
 Lab File: BF093333.D
 Acq: 2 Mar 2017 21:00

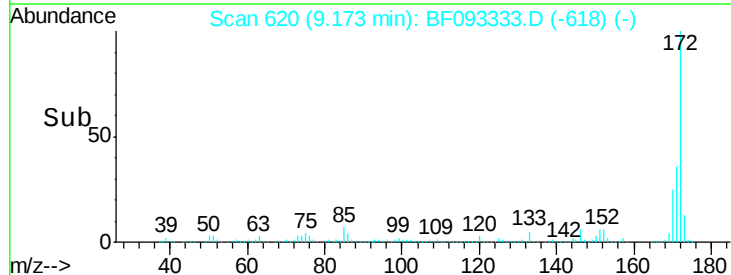
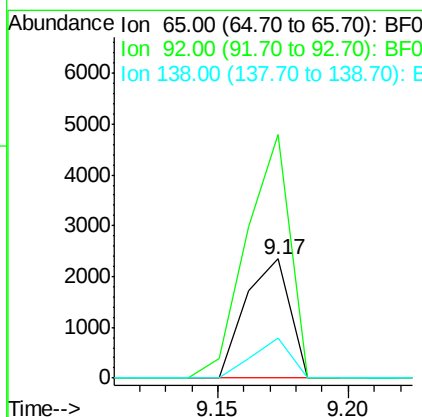
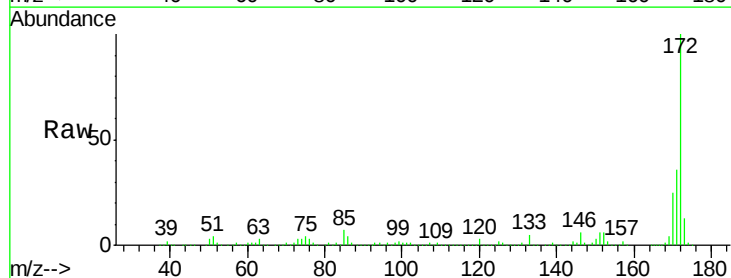
Instrument :
 BNA_F
 ClientSampleId :
 PB97296BL

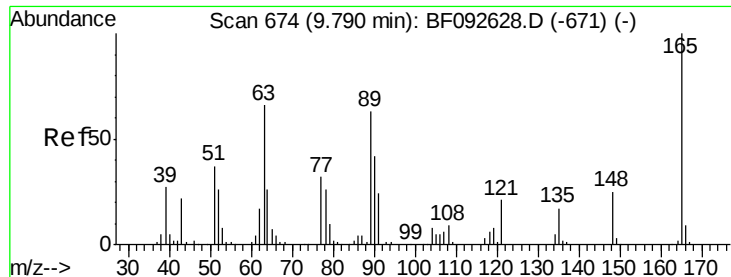
Tgt Ion:	154	Resp:	3251
Ion	Ratio	Lower	Upper
154	100		
153	46.2	20.9	60.9
76	16.1	0.0	30.5



#47
 2-Nitroaniline
 Concen: 0.45 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.27 min
 Lab File: BF093333.D
 Acq: 2 Mar 2017 21:00

Tgt Ion:	65	Resp:	2777
Ion	Ratio	Lower	Upper
65	100		
92	204.8	53.9	80.9#
138	33.7	76.8	115.2#

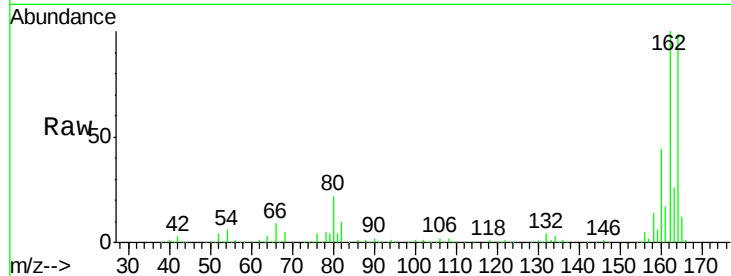




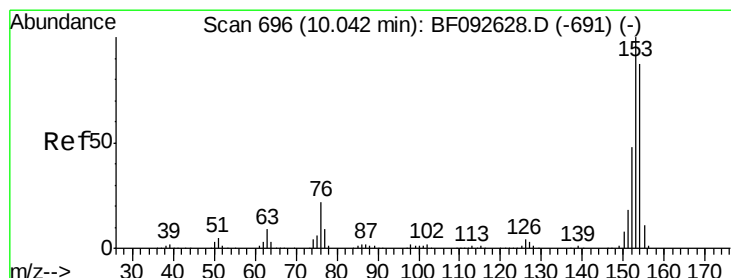
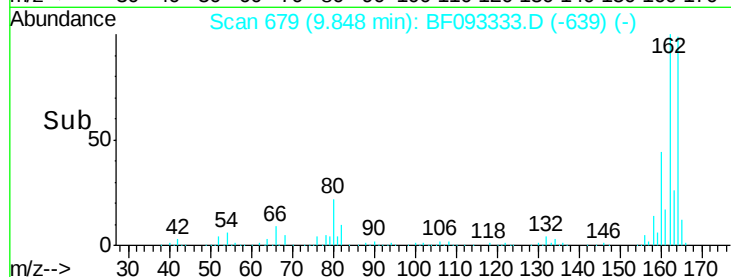
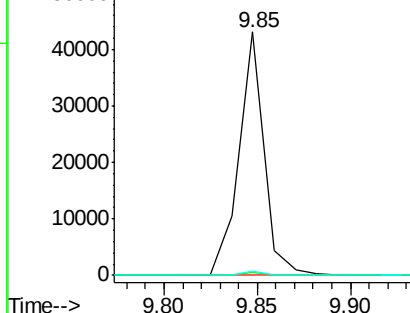
#50
 2,6-Dinitrotoluene
 Concen: 8.57 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.16 min
 Lab File: BF093333.D
 Acq: 2 Mar 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB97296BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.2	54.4#
89	1.7	40.2	60.4#

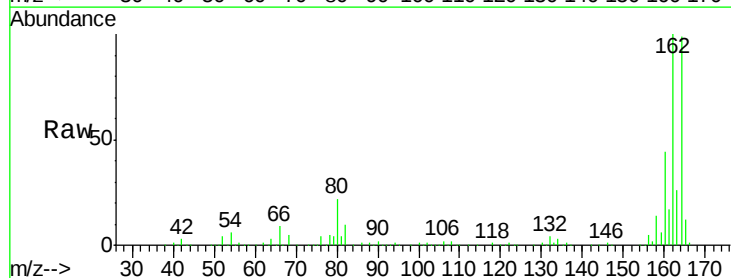


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

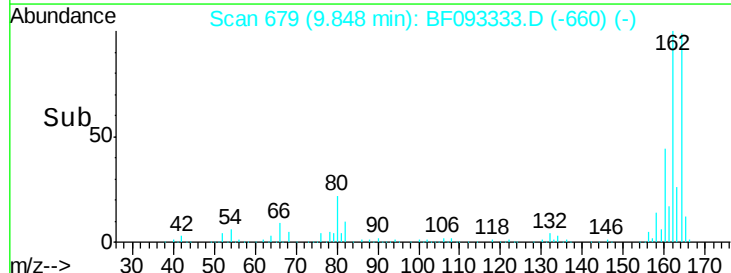
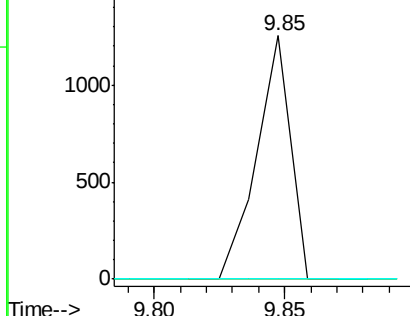


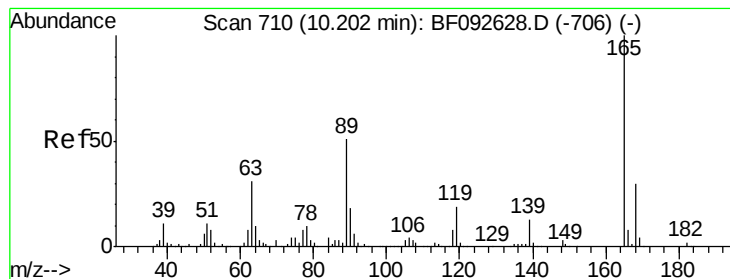
#51
 Acenaphthene
 Concen: 0.06 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.08 min
 Lab File: BF093333.D
 Acq: 2 Mar 2017 21:00

Tgt 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

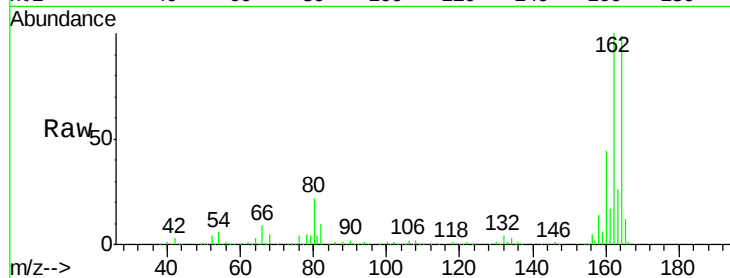




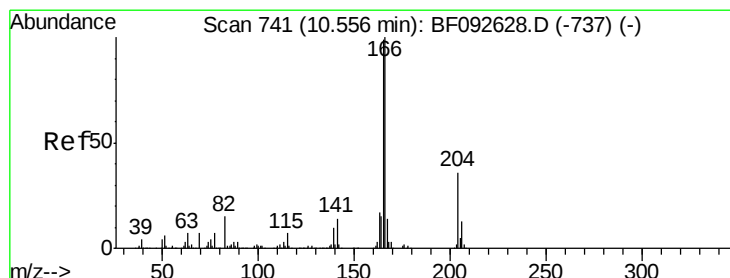
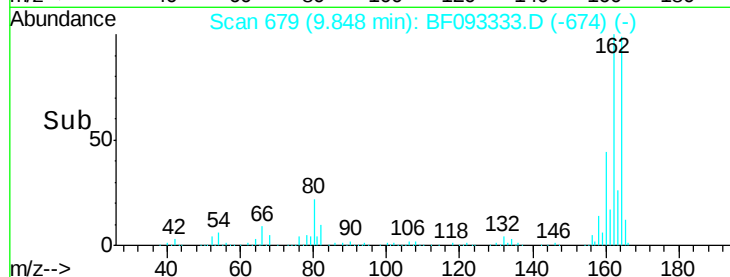
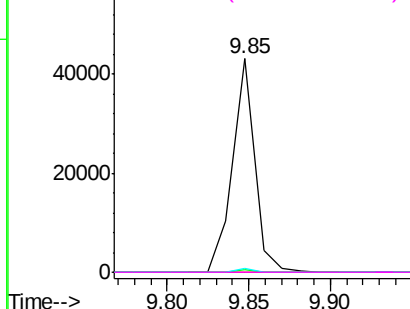
#56
2,4-Dinitrotoluene
Concen: 6.44 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.24 min
Lab File: BF093333.D
Acq: 2 Mar 2017 21:00

Instrument :
BNA_F
ClientSampleId :
PB97296BL

Tgt Ion:	165	Resp:	40611
Ion Ratio	Lower	Upper	
165	100		
63	1.3	40.2	60.4#
89	1.7	62.5	93.7#
182	0.0	1.8	2.8#

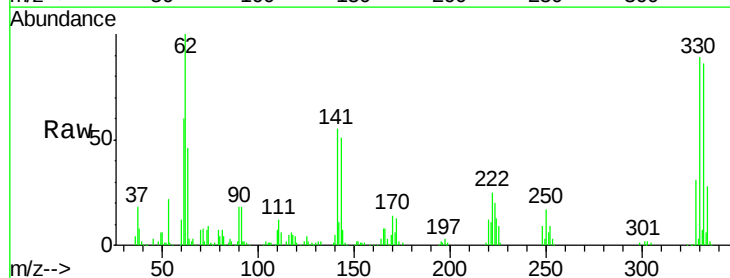


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

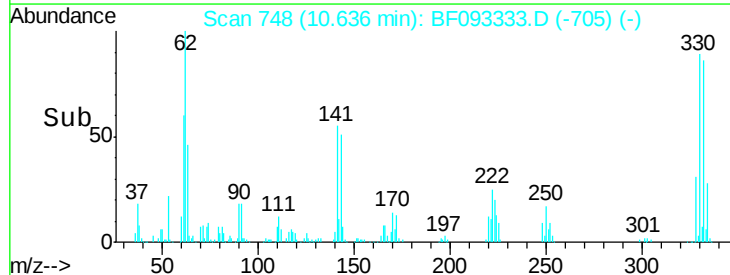
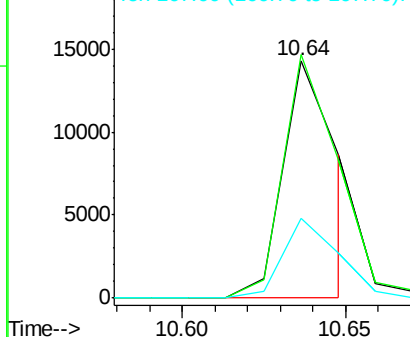


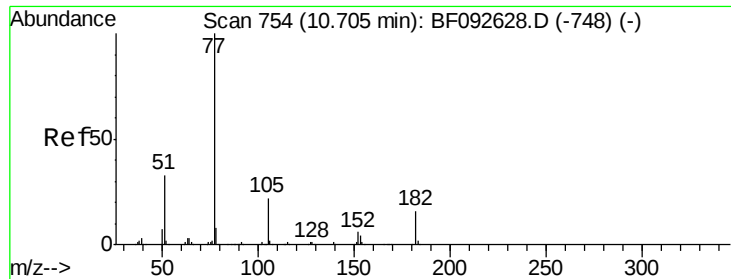
#57
Fluorene
Concen: 0.84 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.19 min
Lab File: BF093333.D
Acq: 2 Mar 2017 21:00

Tgt Ion:	166	Resp:	16516
Ion Ratio	Lower	Upper	
166	100		
165	102.5	77.8	116.8
167	33.5	10.8	16.2#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#62

Azobenzene

Concen: 0.07 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.05 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

Instrument :

BNA_F

ClientSampleId :

PB97296BL

Tgt Ion: 77 Resp: 1538

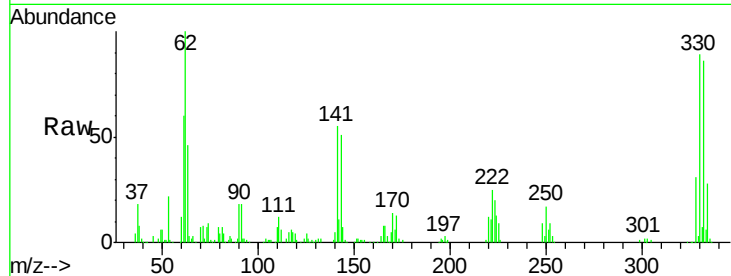
Ion Ratio Lower Upper

77 100

182 0.0 0.0 39.3

105 83.1 2.3 42.3#

51 122.0 8.9 48.9#



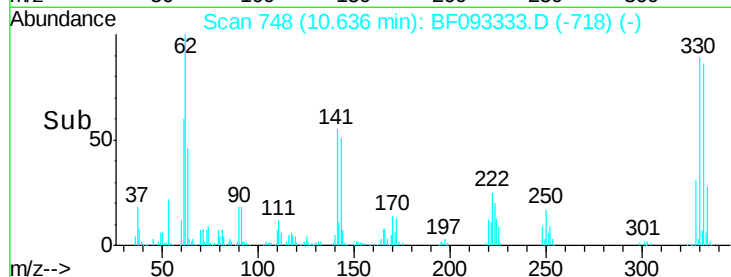
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

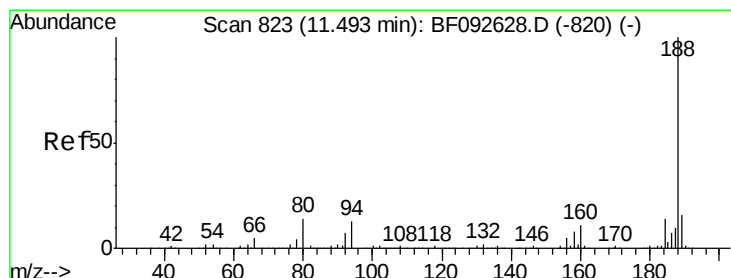
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time-->



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

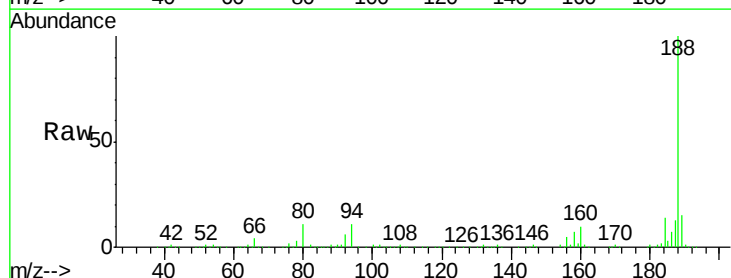
Tgt Ion: 188 Resp: 586270

Ion Ratio Lower Upper

188 100

94 10.6 10.0 15.0

80 10.8 11.2 16.8#

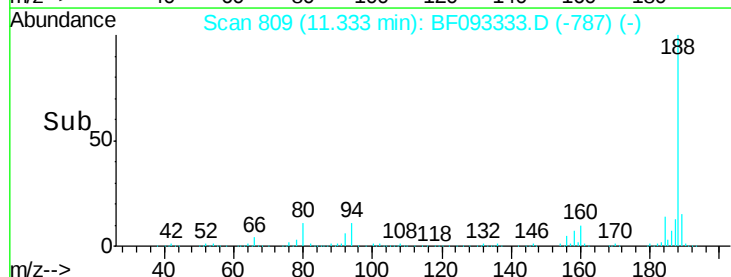


Abundance Ion 188.00 (187.70 to 188.70): E

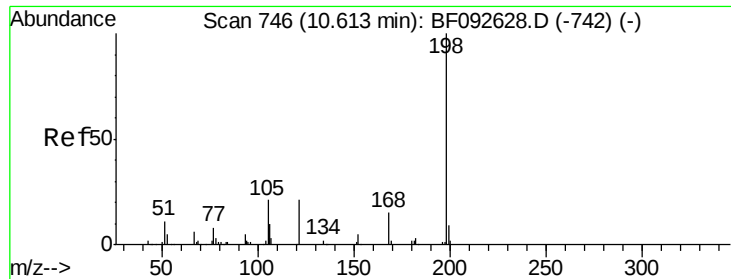
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 2.91 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.14 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

Instrument :

BNA_F

ClientSampleId :

PB97296BL

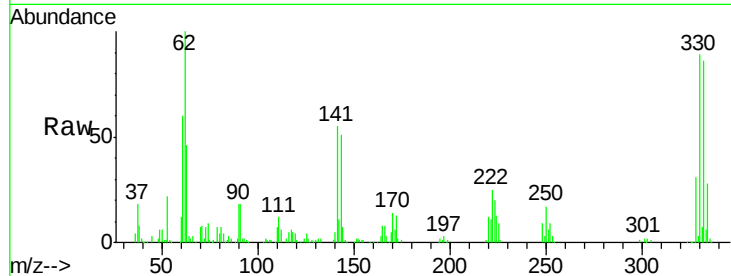
Tgt Ion:198 Resp: 910

Ion Ratio Lower Upper

198 100

51 223.5 6.7 46.7#

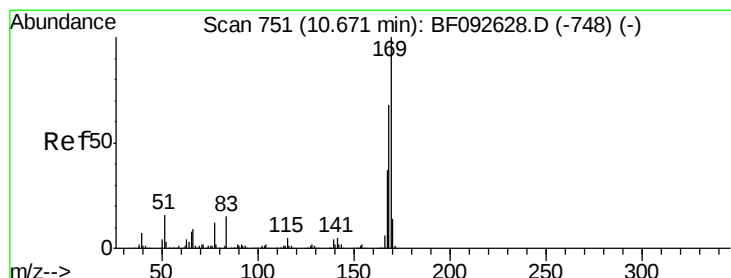
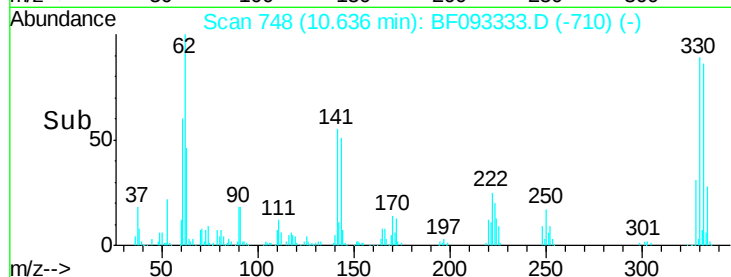
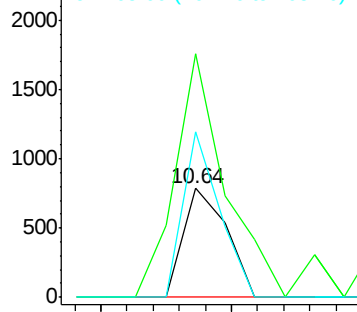
105 152.3 16.6 56.6#



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: 0.61 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.08 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

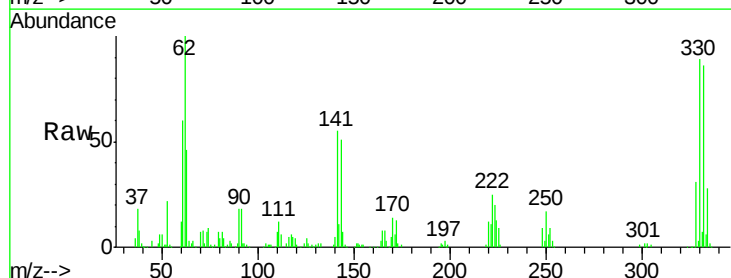
Tgt Ion:169 Resp: 11451

Ion Ratio Lower Upper

169 100

168 8.5 54.2 81.2#

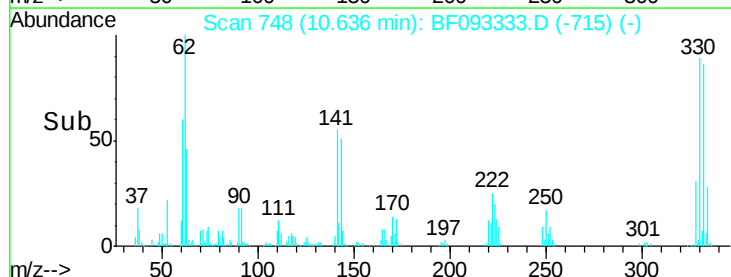
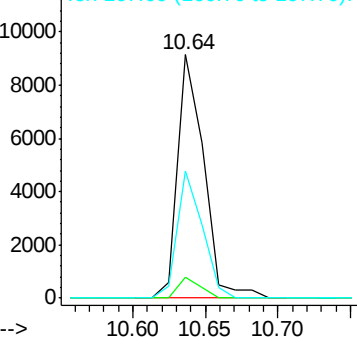
167 52.3 30.2 45.4#

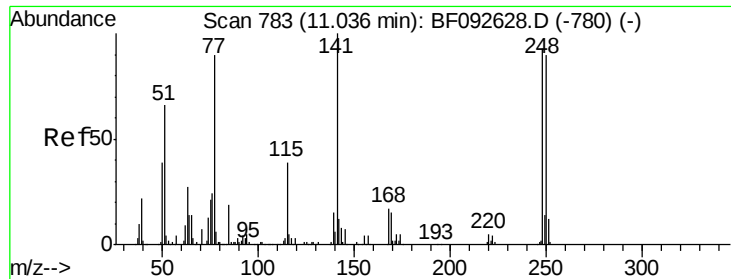


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 3.84 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.29 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

Instrument :

BNA_F

ClientSampleId :

PB97296BL

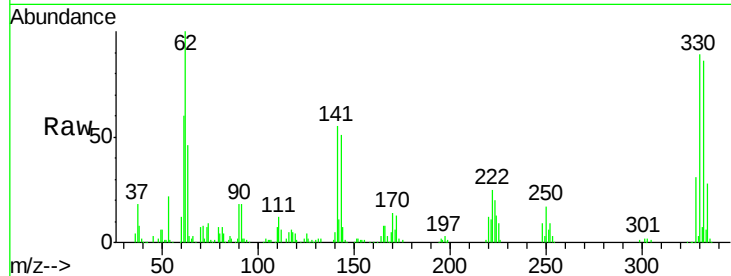
Tgt Ion:248 Resp: 23539

Ion Ratio Lower Upper

248 100

250 188.0 76.9 115.3#

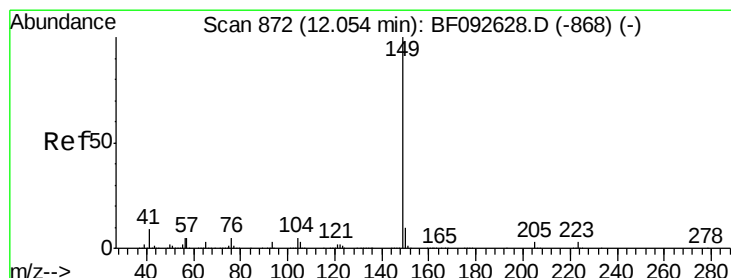
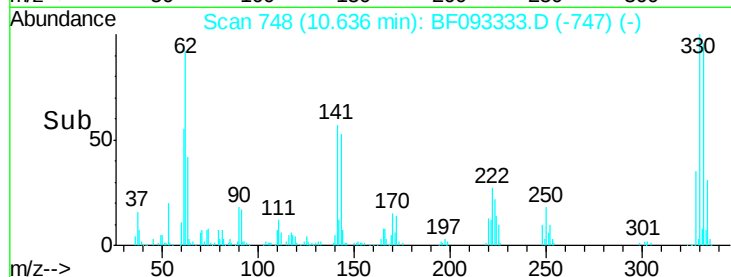
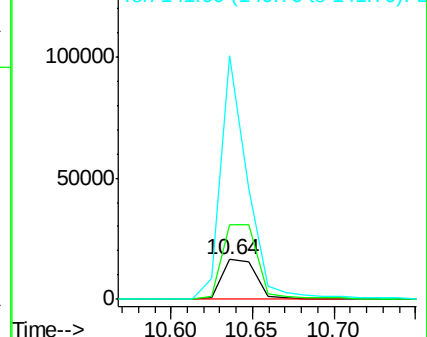
141 616.5 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#73

Di-n-butylphthalate

Concen: 0.03 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.03 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

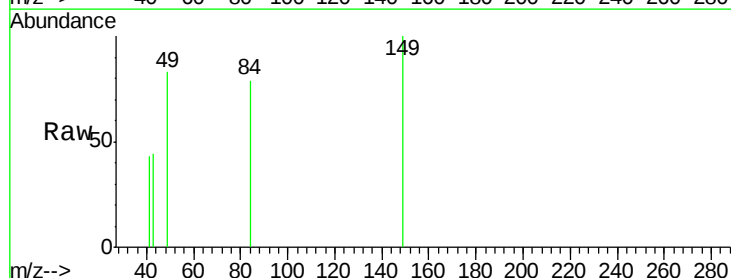
Tgt Ion:149 Resp: 916

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

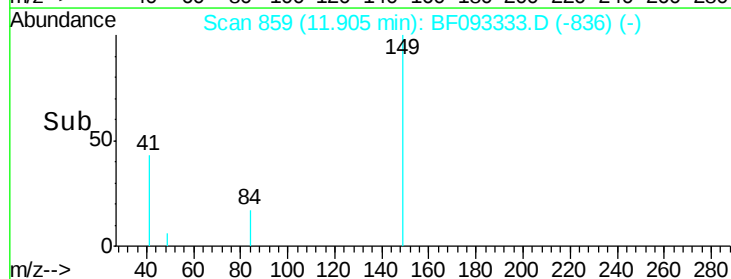
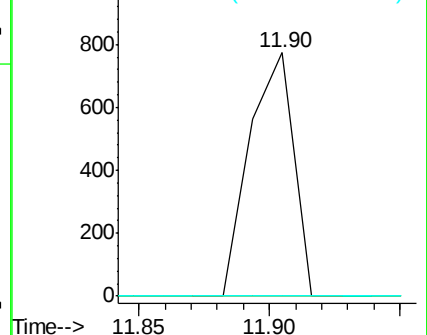
104 0.0 4.6 7.0#

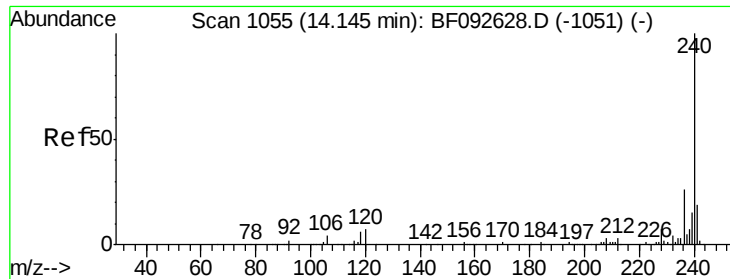


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

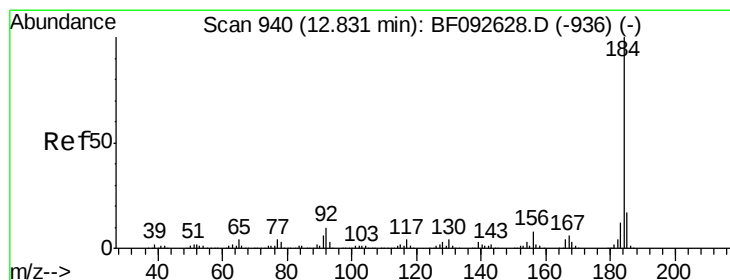
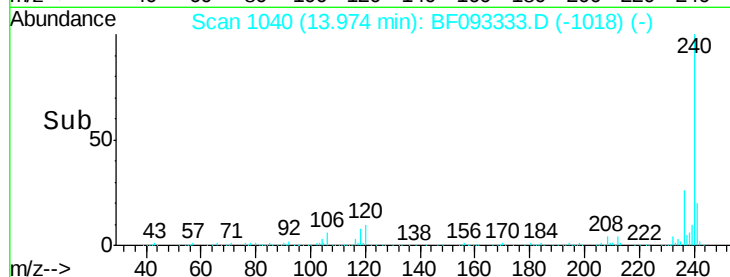
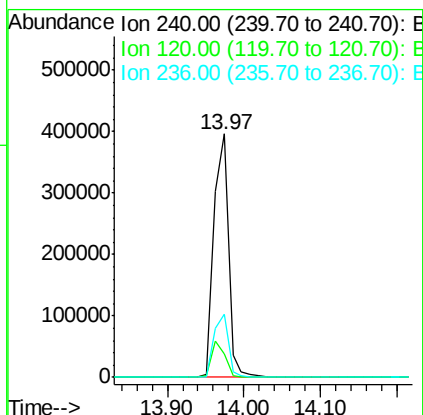
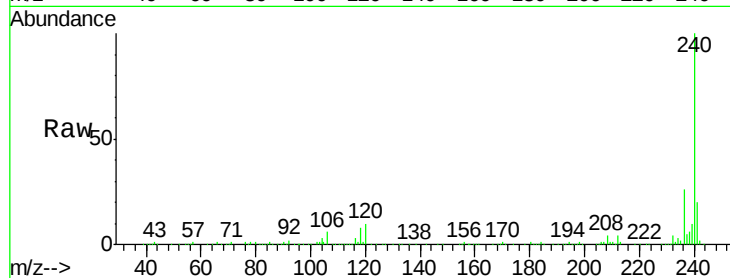




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF093333.D
Acq: 2 Mar 2017 21:00

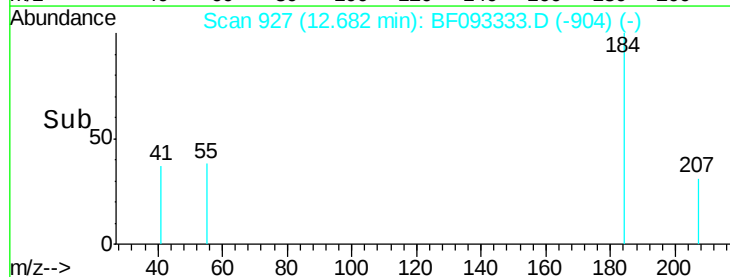
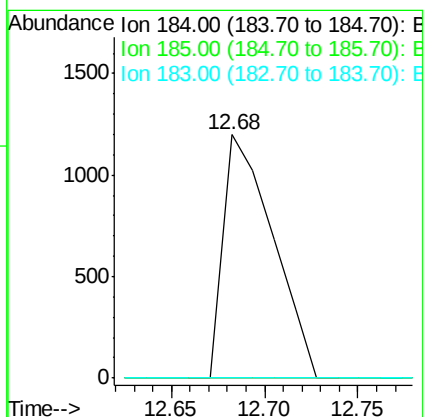
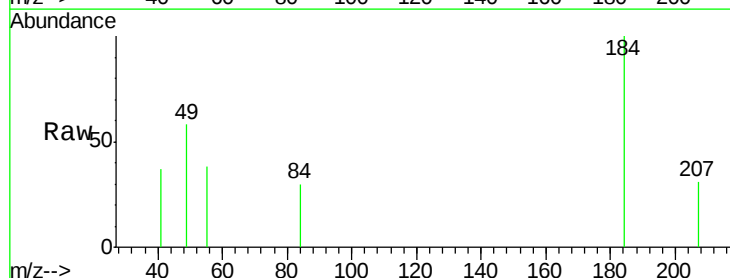
Instrument :
BNA_F
ClientSampleId :
PB97296BL

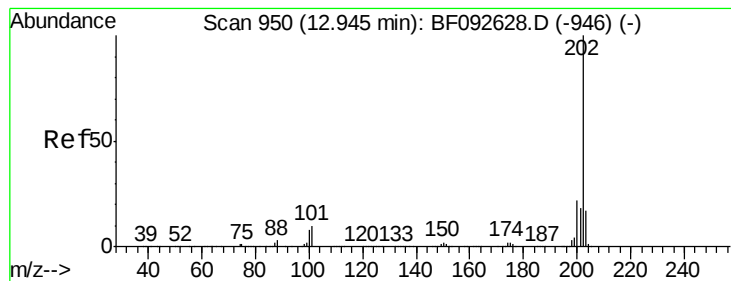
Tgt Ion:240 Resp: 522564
Ion Ratio Lower Upper
240 100
120 9.9 12.9 19.3#
236 26.1 20.9 31.3



#76
Benzidine
Concen: 0.10 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.03 min
Lab File: BF093333.D
Acq: 2 Mar 2017 21:00

Tgt Ion:184 Resp: 2224
Ion Ratio Lower Upper
184 100
185 0.0 13.4 20.0#
183 0.0 9.2 13.8#





#77

Pyrene

Concen: 0.13 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.10 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

Instrument :

BNA_F

ClientSampleId :

PB97296BL

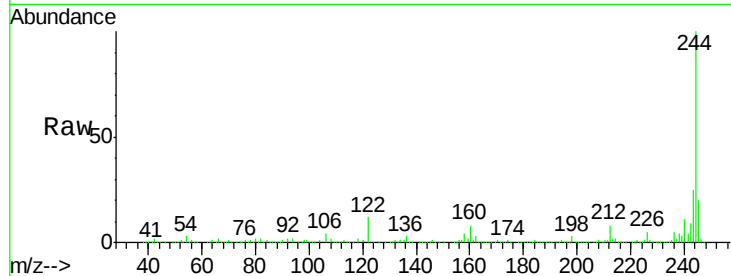
Tgt Ion:202 Resp: 5227

Ion Ratio Lower Upper

202 100

200 51.3 17.7 26.5#

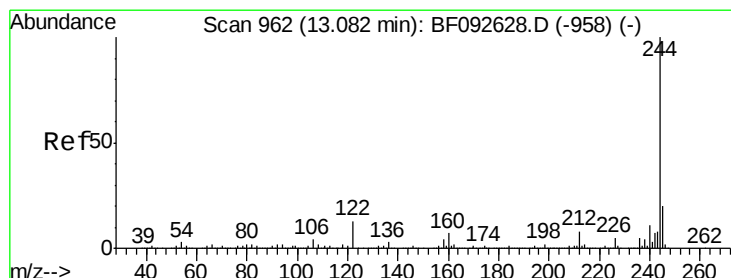
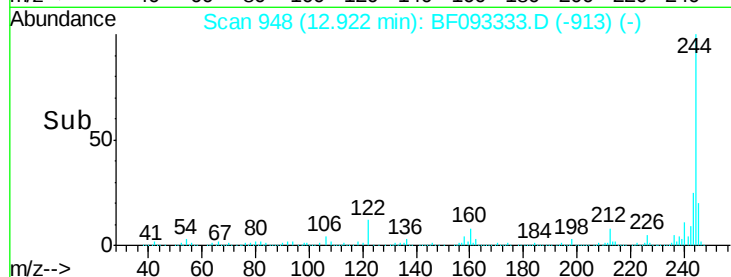
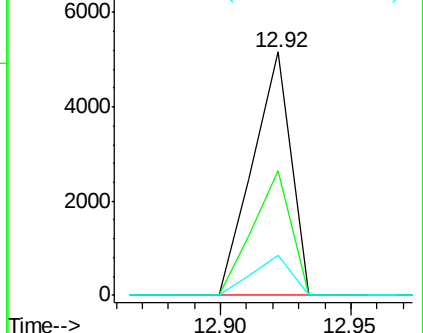
203 16.6 14.7 22.1



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: 67.61 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.05 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

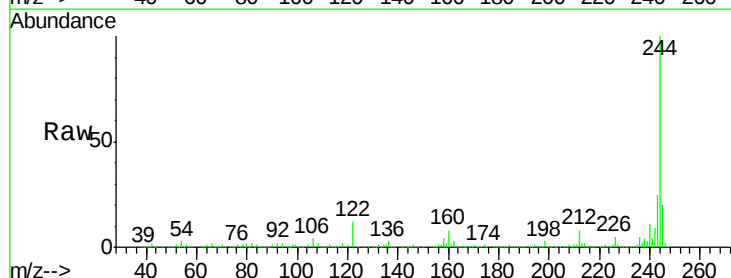
Tgt Ion:244 Resp: 1503695

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

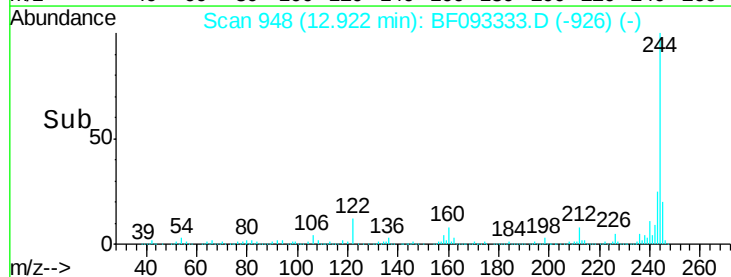
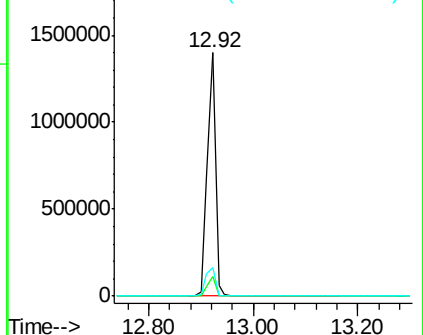
122 12.0 11.4 17.2

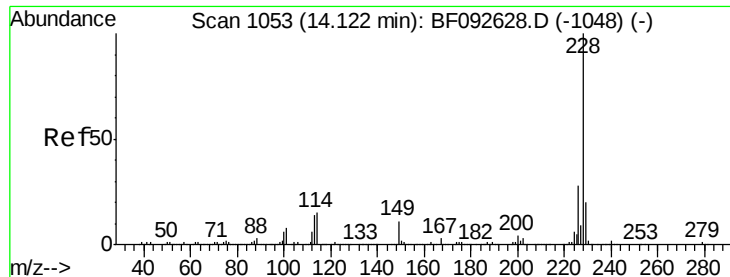


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.06 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

Instrument :

BNA_F

ClientSampleId :

PB97296BL

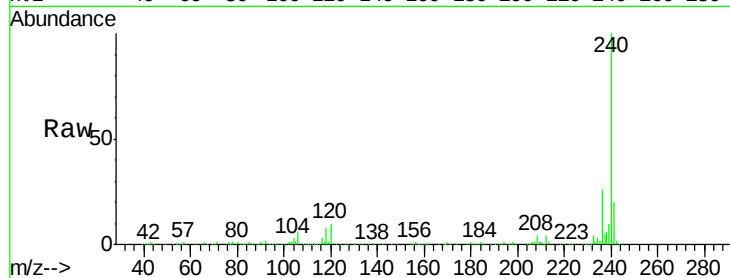
Tgt Ion:228 Resp: 1798

Ion Ratio Lower Upper

228 100

226 0.0 22.4 33.6#

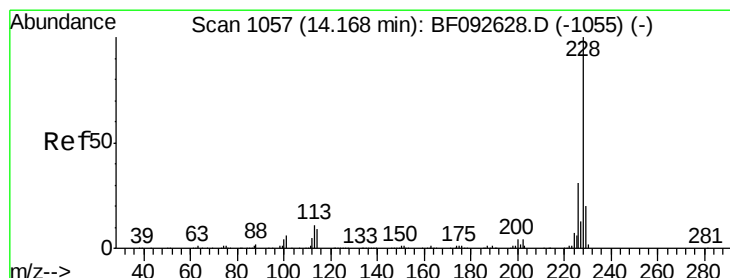
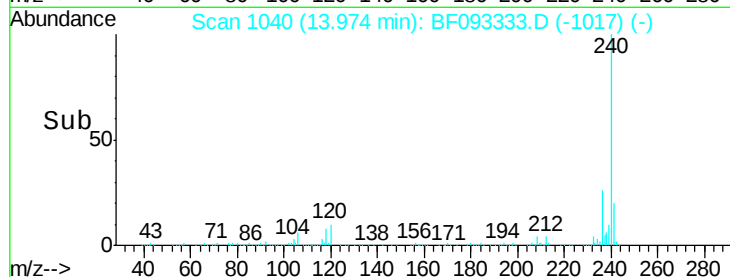
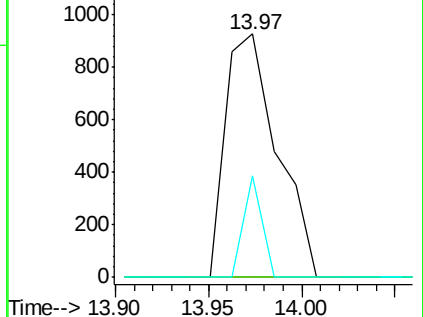
229 41.9 16.2 24.4#



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: 0.06 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.07 min

Lab File: BF093333.D

Acq: 2 Mar 2017 21:00

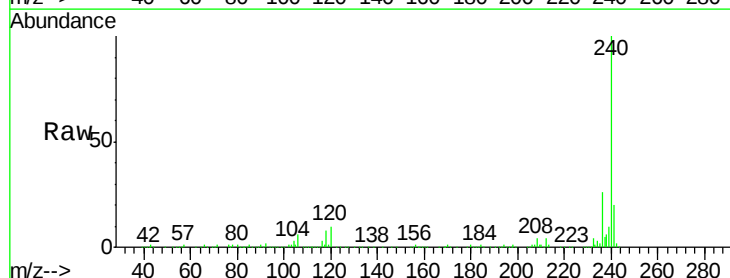
Tgt Ion:228 Resp: 1798

Ion Ratio Lower Upper

228 100

226 0.0 25.4 38.0#

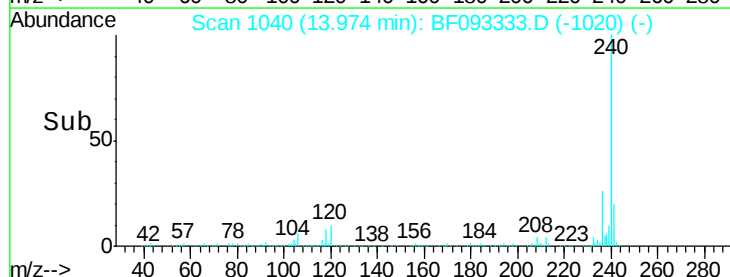
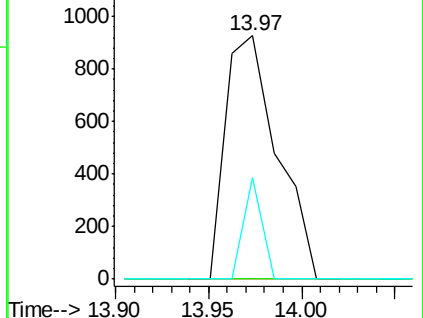
229 41.9 16.2 24.2#

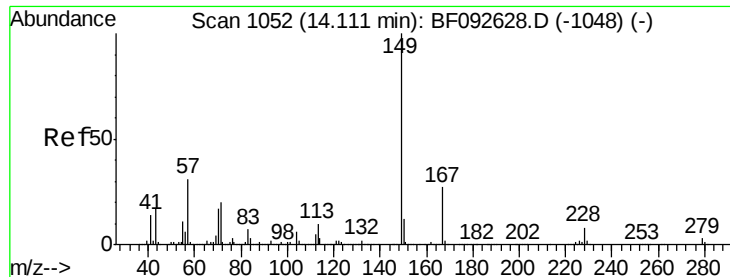


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

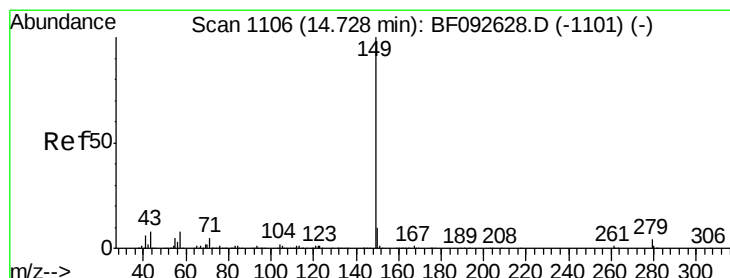
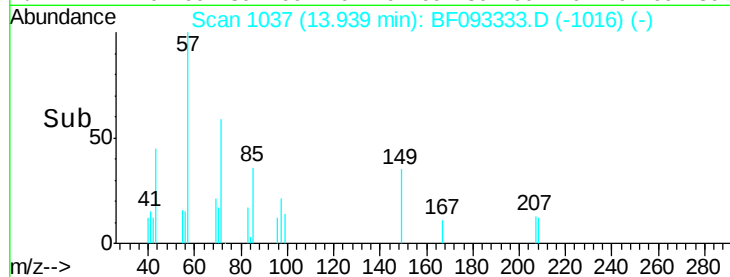
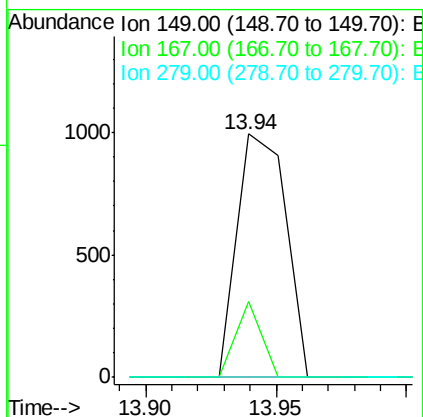
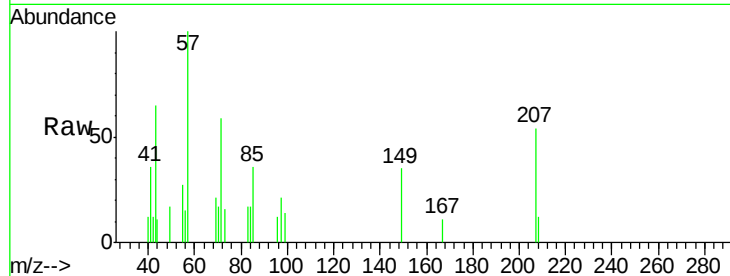




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.06 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.06 min
 Lab File: BF093333.D
 Acq: 2 Mar 2017 21:00

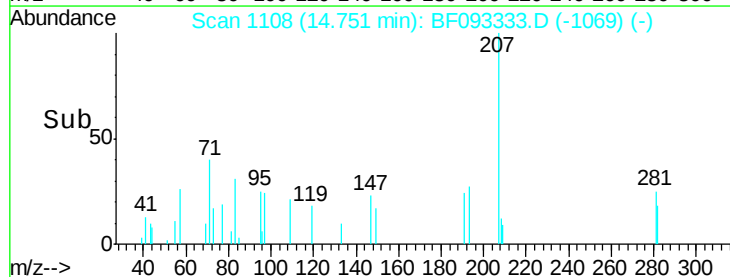
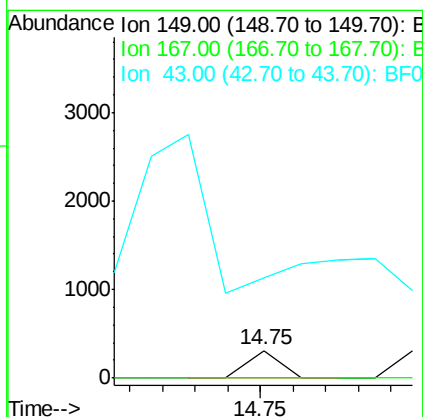
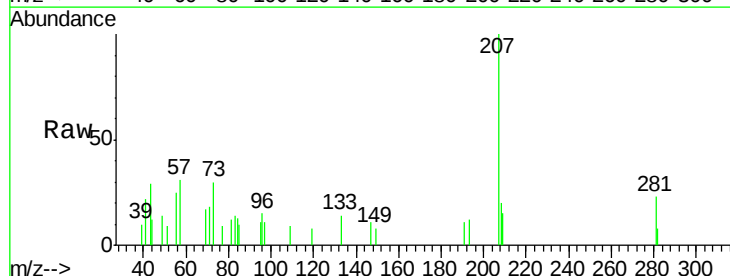
Instrument :
 BNA_F
 ClientSampleId :
 PB97296BL

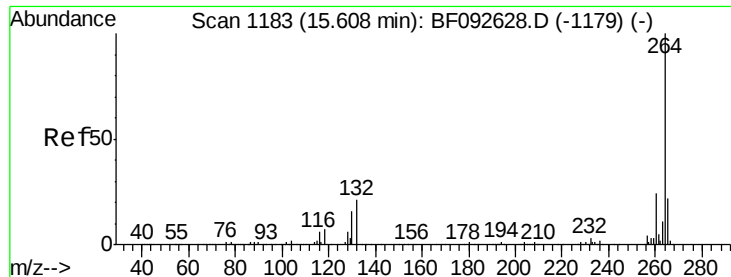
Tgt Ion:149 Resp: 1304
 Ion Ratio Lower Upper
 149 100
 167 31.3 20.2 30.4#
 279 0.0 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 0.01 ng
 RT: 14.75 min Scan# 1108
 Delta R.T. 0.15 min
 Lab File: BF093333.D
 Acq: 2 Mar 2017 21:00

Tgt Ion:149 Resp: 215
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 0.0 8.9 13.3#

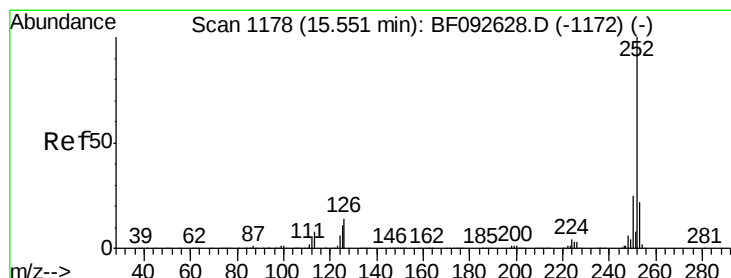
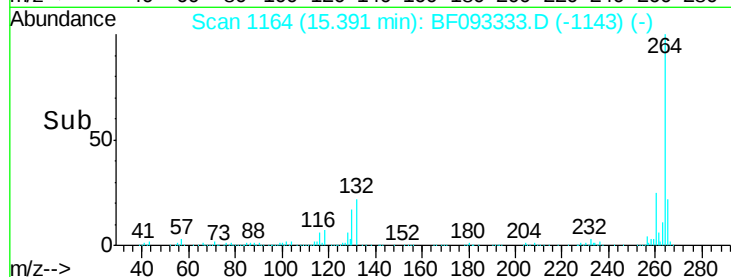
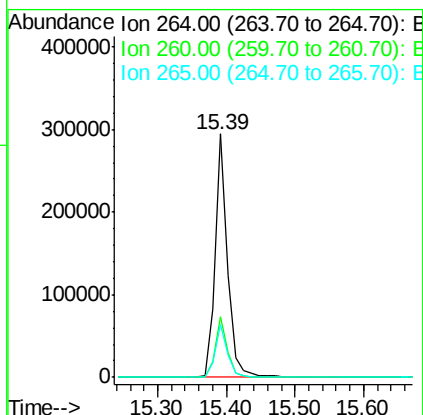
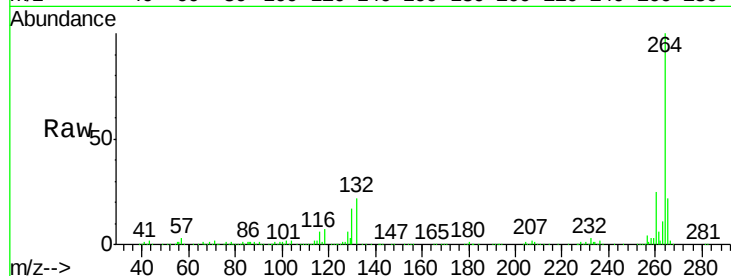




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF093333.D
Acq: 2 Mar 2017 21:00

Instrument :
BNA_F
ClientSampleId :
PB97296BL

Tgt Ion:264 Resp: 376787
Ion Ratio Lower Upper
264 100
260 24.8 19.2 28.8
265 21.9 17.4 26.0



#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF093333.D
Acq: 2 Mar 2017 21:00

Tgt Ion:252 Resp: 992
Ion Ratio Lower Upper
252 100
253 33.2 18.2 27.2#
125 29.8 10.0 15.0#

