

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121716\
 Data File : BF091725.D
 Acq On : 18 Dec 2016 2:07
 Operator : UM/SJ
 Sample : PB95429BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95429BL

Quant Time: Dec 18 02:59:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	286800	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1222591	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	616876	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	1147627	20.00	ng	0.00
75) Chrysene-d12	13.92	240	996870	20.00	ng	-0.01
86) Perylene-d12	15.32	264	931279	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	2249336	131.40	ng	0.01
7) Phenol-d6	6.42	99	3029584	145.11	ng	0.00
23) Nitrobenzene-d5	7.33	82	1834424	86.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	756269	144.58	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	3087880	100.56	ng	-0.01
78) Terphenyl-d14	12.88	244	3045965	77.15	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.41	88	826	0.10	ng	# 23
4) n-Nitrosodimethylamine	2.93	42	830	0.08	ng	# 1
6) Aniline	6.53	93	3297	0.12	ng	# 1
8) 2-Chlorophenol	6.56	128	468	0.02	ng	# 23
9) Benzaldehyde	6.42	77	4364	Below Cal		# 1
10) Phenol	6.42	94	665	0.03	ng	# 1
11) bis(2-Chloroethyl)ether	6.53	93	3297	0.18	ng	# 1
12) 1,3-Dichlorobenzene	6.93	146	1008	0.05	ng	# 1
13) 1,4-Dichlorobenzene	6.93	146	1008	0.05	ng	# 1
14) 1,2-Dichlorobenzene	6.93	146	1008	0.05	ng	# 1
15) Benzyl Alcohol	6.92	79	27782	1.72	ng	# 40
17) 2-Methylphenol	6.92	107	281	0.02	ng	# 1
19) n-Nitroso-di-n-propylamine	7.33	70	248907	17.92	ng	# 77
20) 3+4-Methylphenols	6.92	107	281	0.02	ng	# 1
24) Nitrobenzene	7.33	77	4915	0.22	ng	# 43
45) 1,1'-Biphenyl	9.23	154	6607	0.15	ng	# 98
47) 2-Nitroaniline	9.13	65	5199	0.46	ng	# 1
50) 2,6-Dinitrotoluene	9.80	165	80709	9.14	ng	# 30
51) Acenaphthene	9.80	154	1992	0.06	ng	# 5
56) 2,4-Dinitrotoluene	9.80	165	80696	7.31	ng	# 19
57) Fluorene	10.59	166	28878	0.89	ng	# 84
59) Diethylphthalate	10.22	149	2553	0.06	ng	# 78
62) Azobenzene	10.59	77	3425	0.08	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.59	198	1749	0.23	ng	# 1
65) n-Nitrosodiphenylamine	10.59	169	21033	0.59	ng	# 45
66) 4-Bromophenyl-phenylether	10.59	248	45189	3.76	ng	# 1
70) Phenanthrene	11.29	178	580	0.01	ng	# 1
71) Anthracene	11.29	178	580	0.01	ng	# 1
72) Carbazole	11.52	167	207	0.00	ng	# 58
73) Di-n-butylphthalate	11.86	149	3965	0.06	ng	# 93
74) Fluoranthene	12.50	202	827	0.01	ng	# 61
77) Pyrene	12.73	202	1061	0.01	ng	# 56
79) Butylbenzylphthalate	13.35	149	469	0.01	ng	# 62
80) Benzo(a)anthracene	13.92	228	8067	0.14	ng	# 87

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QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

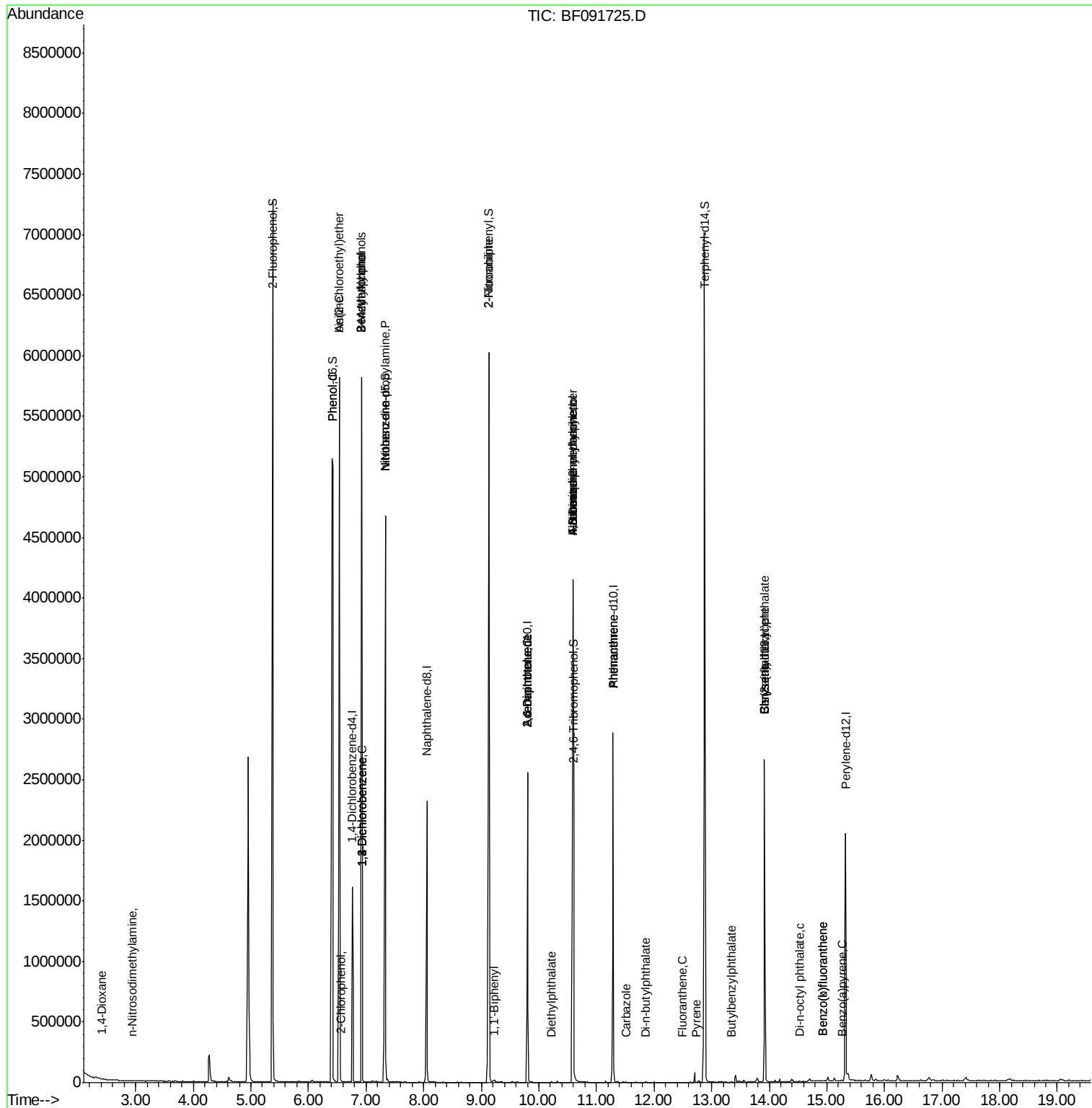
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Chrysene	13.92	228	8067	0.14	ng	# 83
83) Bis(2-ethylhexyl)phthalate	13.92	149	3839	0.09	ng	# 67
84) Di-n-octyl phthalate	14.52	149	2179	0.03	ng	# 82
87) Benzo(b)fluoranthene	14.92	252	4112	0.07	ng	# 88
88) Benzo(k)fluoranthene	14.92	252	4112	0.10	ng	# 89
89) Benzo(a)pyrene	15.27	252	339	0.01	ng	# 58

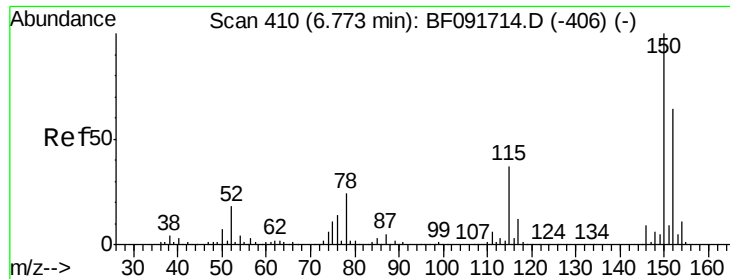
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

Instrument :

BNA_F

ClientSampleId :

PB95429BL

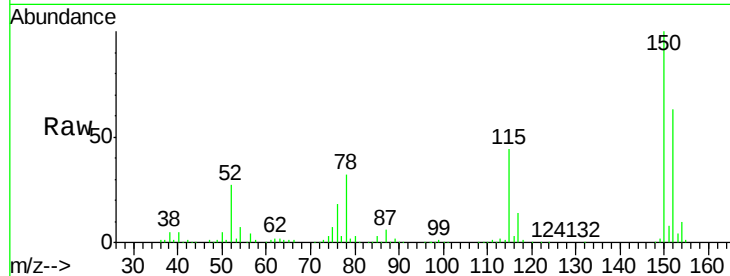
Tgt Ion:152 Resp: 286800

Ion Ratio Lower Upper

152 100

150 158.6 124.9 187.3

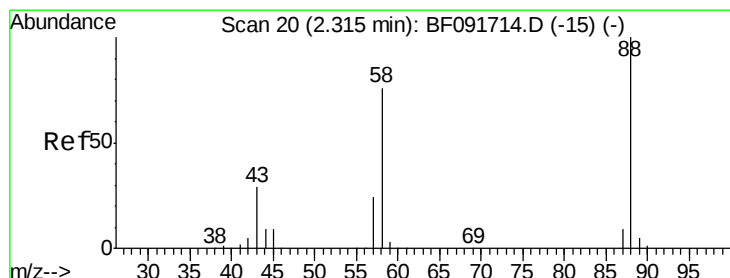
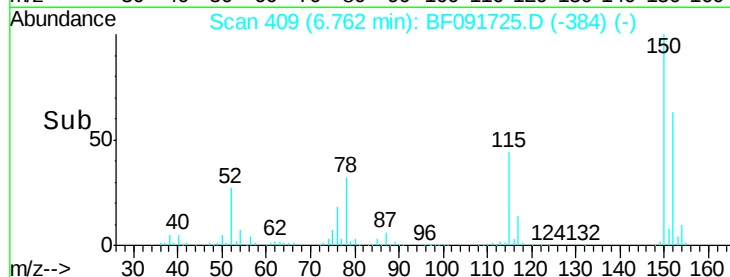
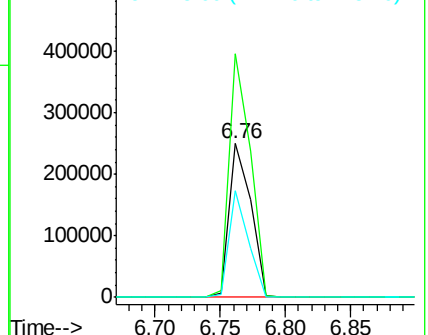
115 69.1 46.0 69.0#



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: 0.10 ng

RT: 2.41 min Scan# 28

Delta R.T. 0.09 min

Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

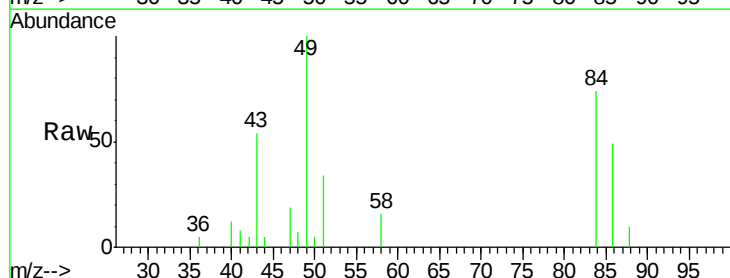
Tgt Ion: 88 Resp: 826

Ion Ratio Lower Upper

88 100

58 0.0 57.8 86.8#

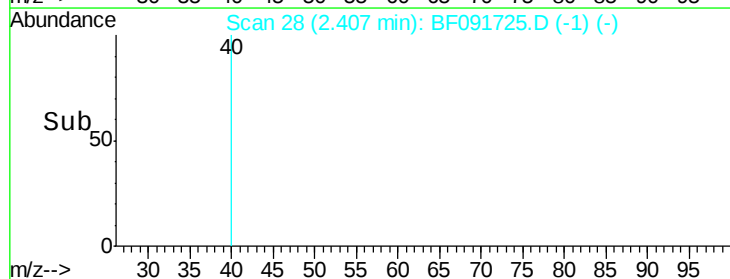
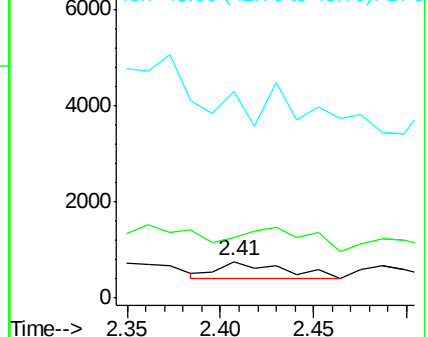
43 0.0 22.3 33.5#

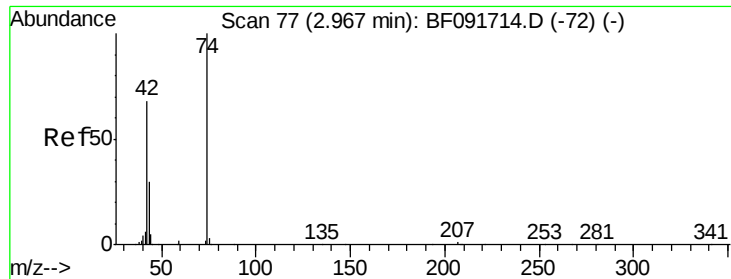


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.08 ng

RT: 2.93 min Scan# 74

Delta R.T. -0.03 min

Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

Instrument :

BNA_F

ClientSampleId :

PB95429BL

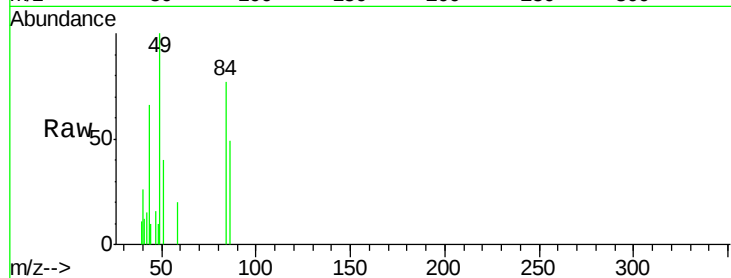
Tgt Ion: 42 Resp: 830

Ion Ratio Lower Upper

42 100

74 0.0 117.0 175.4#

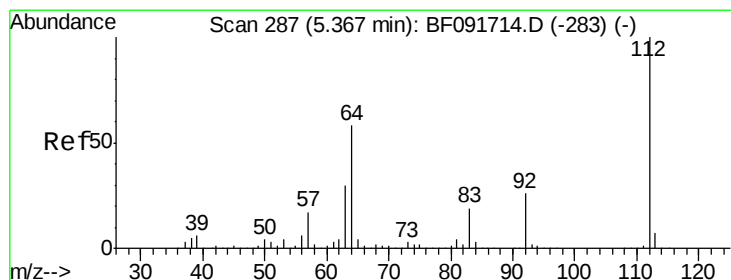
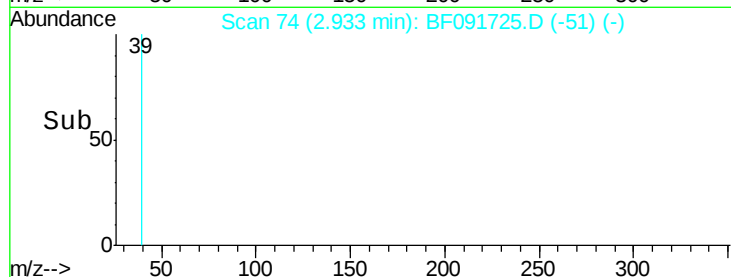
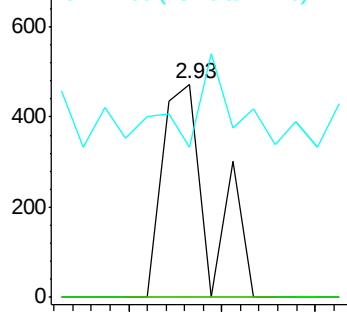
44 70.2 5.5 8.3#



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: 131.40 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

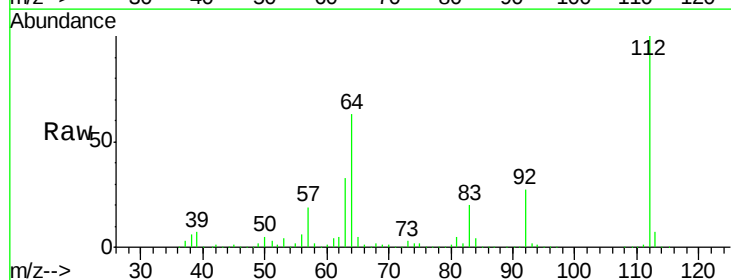
Tgt Ion: 112 Resp: 2249336

Ion Ratio Lower Upper

112 100

64 62.8 46.1 69.1

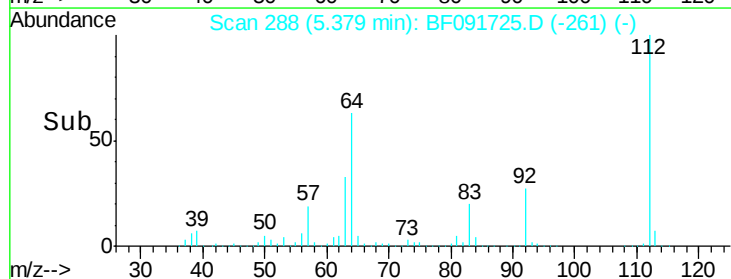
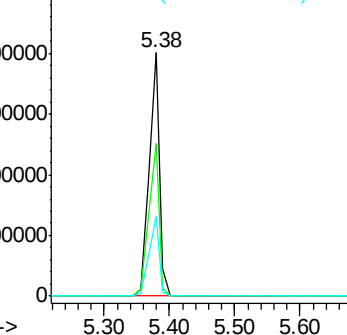
63 32.8 23.8 35.6

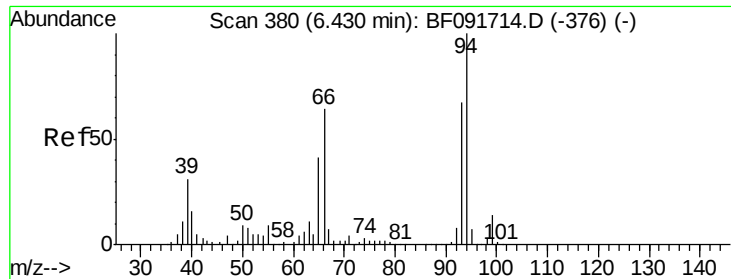


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.12 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.10 min

Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

Instrument :

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PB95429BL

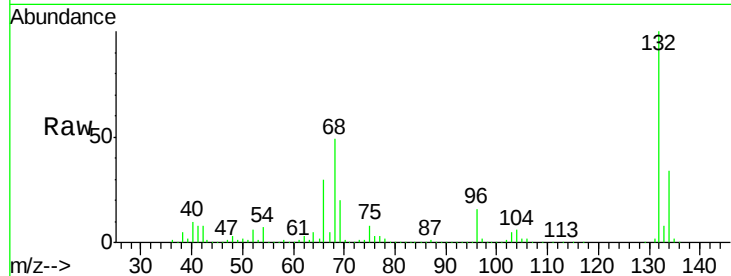
Tgt Ion: 93 Resp: 3297

Ion Ratio Lower Upper

93 100

66 19612.3 76.2 114.2#

65 1545.5 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

600000

500000

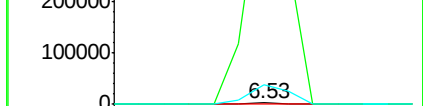
400000

300000

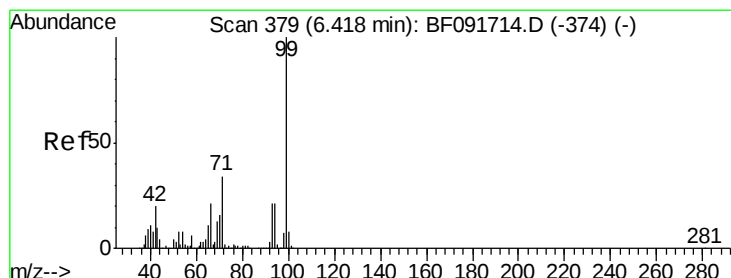
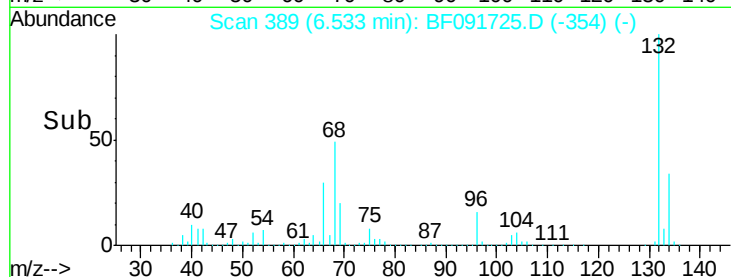
200000

100000

0



Time-->



#7

Phenol-d6

Concen: 145.11 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

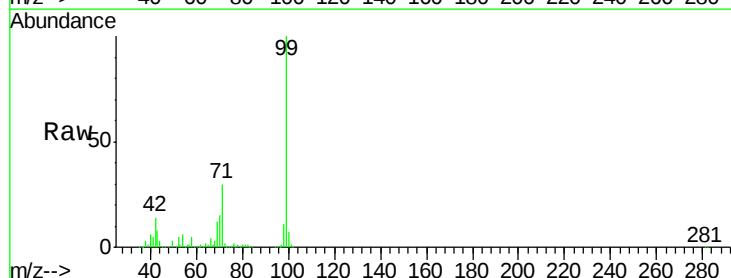
Tgt Ion: 99 Resp: 3029584

Ion Ratio Lower Upper

99 100

42 14.4 15.6 23.4#

71 30.2 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

2500000

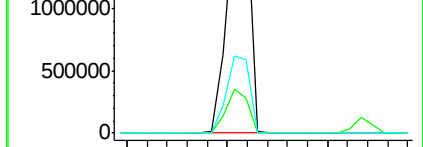
2000000

1500000

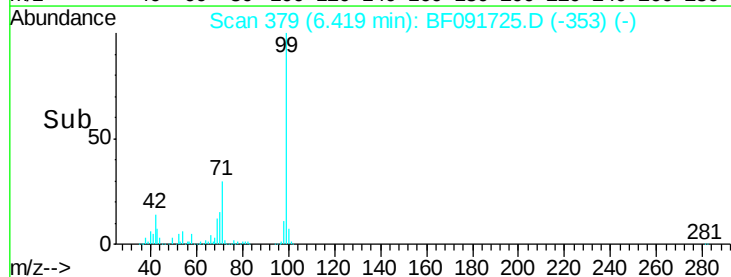
1000000

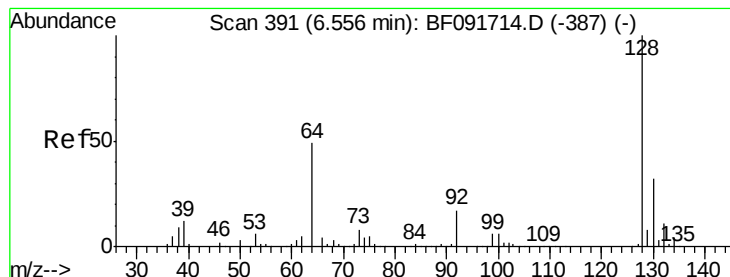
500000

0



Time-->





#8

2-Chlorophenol

Concen: 0.02 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

Instrument :

BNA_F

ClientSampled :

PB95429BL

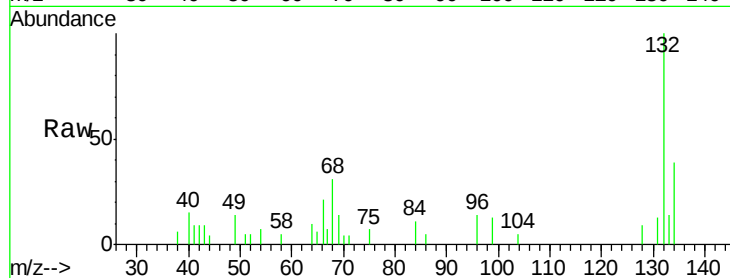
Tgt Ion: 128 Resp: 468

Ion Ratio Lower Upper

128 100

130 0.0 12.3 52.3#

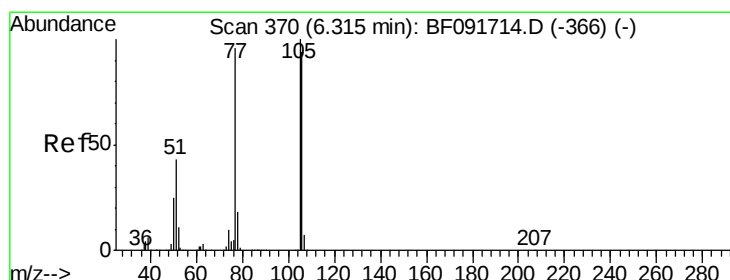
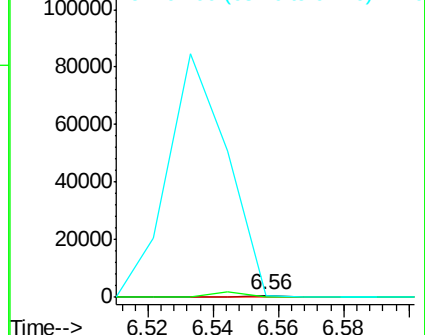
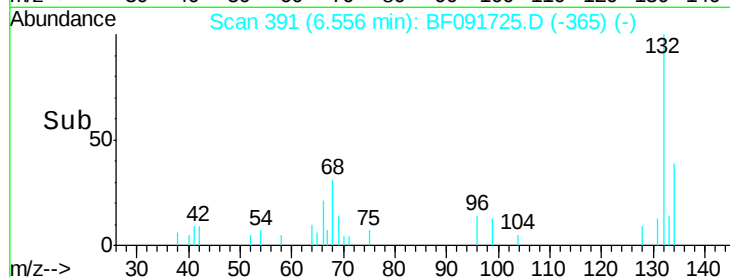
64 114.4 32.2 72.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.42 min Scan# 379

Delta R.T. 0.10 min

Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

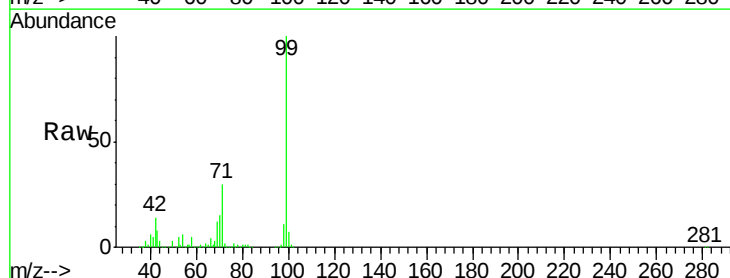
Tgt Ion: 77 Resp: 4364

Ion Ratio Lower Upper

77 100

105 0.0 83.9 123.9#

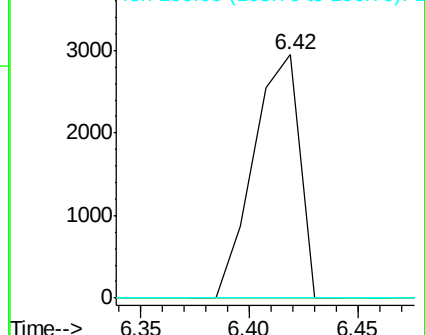
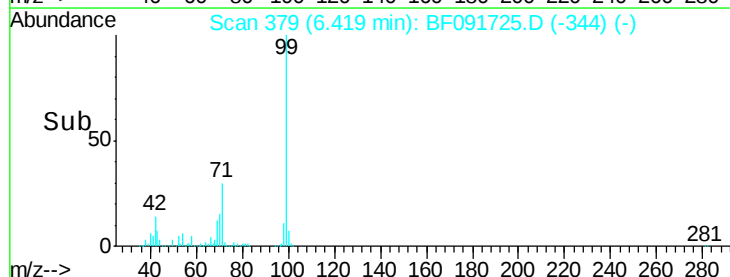
106 0.0 77.6 117.6#

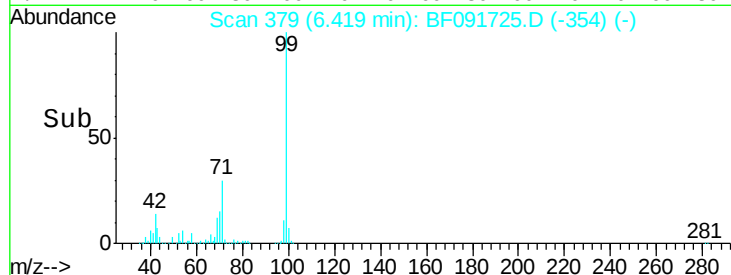
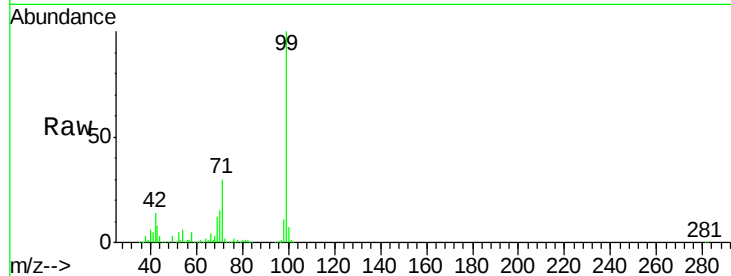
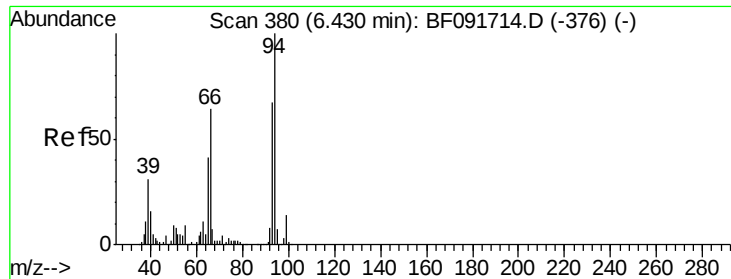


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.03 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

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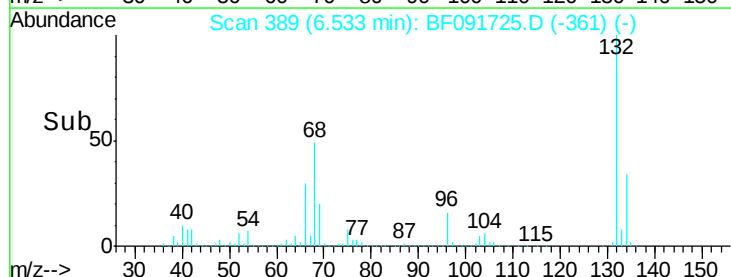
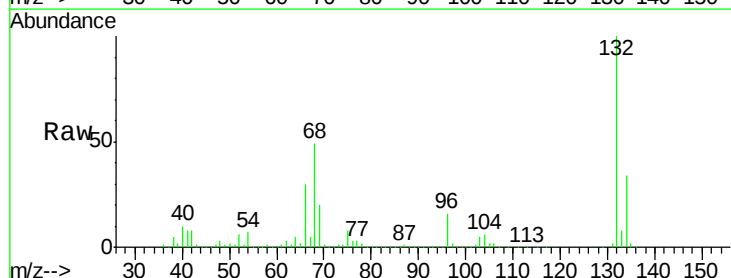
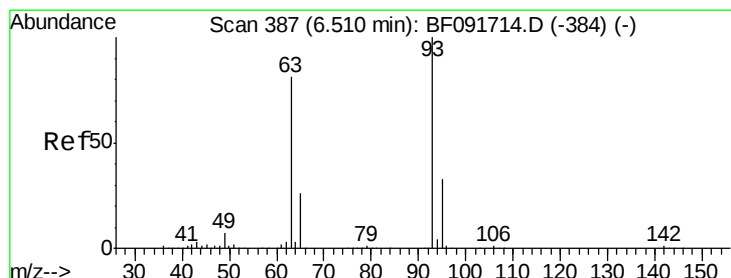
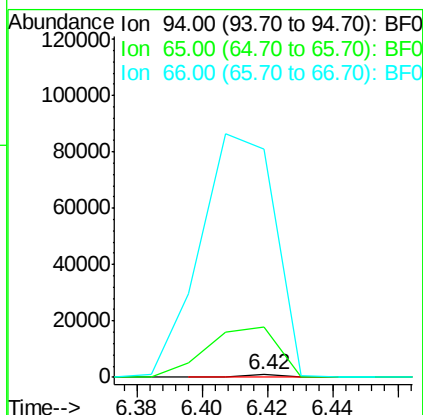
Tgt Ion: 94 Resp: 665

Ion Ratio Lower Upper

94 100

65 1847.4 21.4 61.4#

66 8329.9 44.0 84.0#



#11

bis(2-Chloroethyl)ether

Concen: 0.18 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.02 min

Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

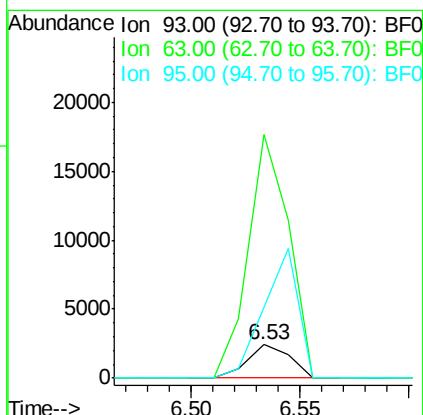
Tgt Ion: 93 Resp: 3297

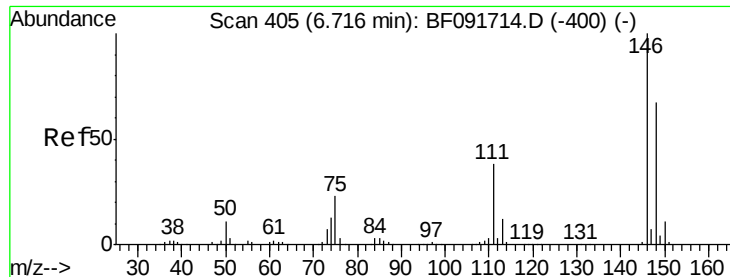
Ion Ratio Lower Upper

93 100

63 734.2 60.4 100.4#

95 212.8 12.8 52.8#

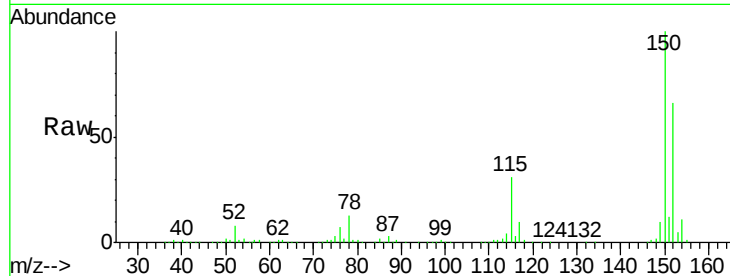




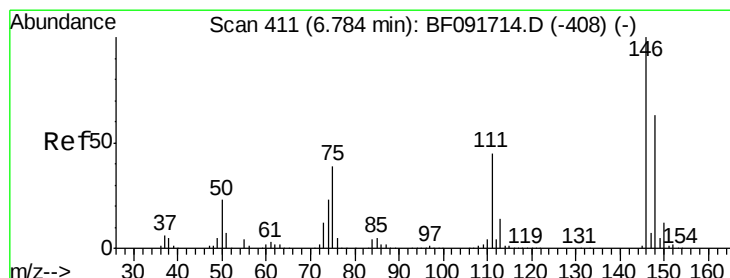
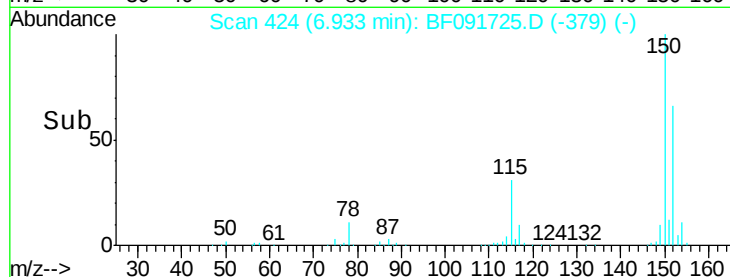
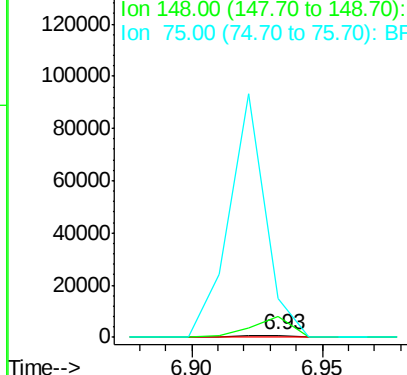
#12
 1,3-Dichlorobenzene
 Concen: 0.05 ng
 RT: 6.93 min Scan# 424
 Delta R.T. 0.22 min
 Lab File: BF091725.D
 Acq: 18 Dec 2016 2:07

Instrument :
 BNA_F
 ClientSampleId :
 PB95429BL

Tgt Ion:146 Resp: 1008
 Ion Ratio Lower Upper
 146 100
 148 1184.3 53.4 80.0#
 75 2175.8 18.5 27.7#

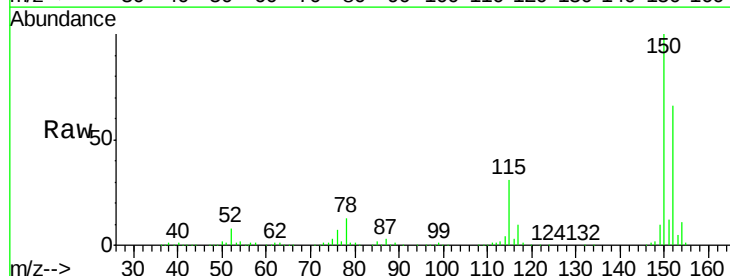


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

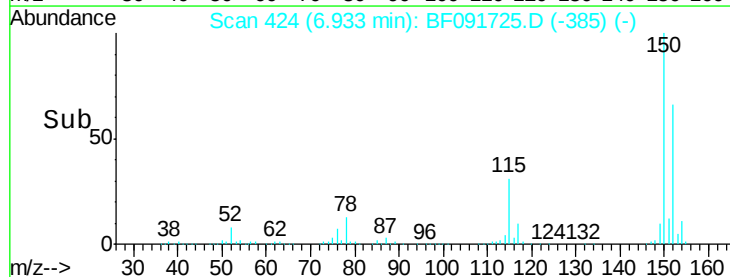
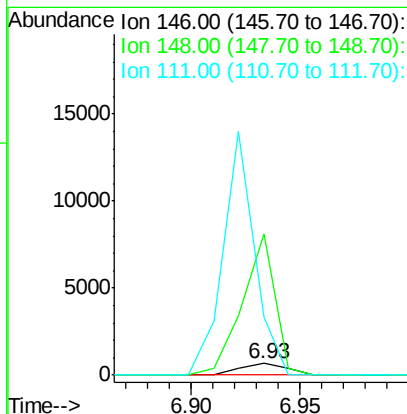


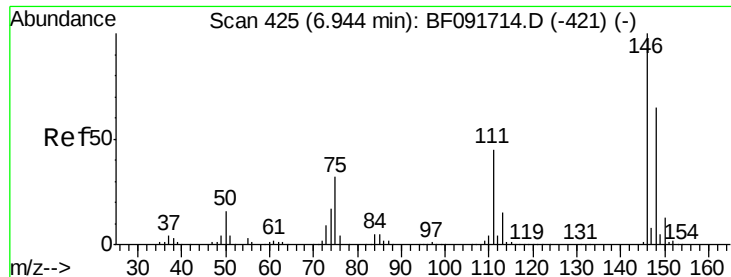
#13
 1,4-Dichlorobenzene
 Concen: 0.05 ng
 RT: 6.93 min Scan# 424
 Delta R.T. 0.15 min
 Lab File: BF091725.D
 Acq: 18 Dec 2016 2:07

Tgt Ion:146 Resp: 1008
 Ion Ratio Lower Upper
 146 100
 148 1184.3 50.6 76.0#
 111 484.6 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: 0.05 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

Instrument :

BNA_F

ClientSampleId :

PB95429BL

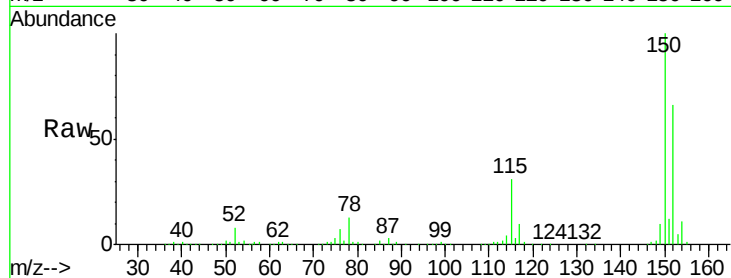
Tgt Ion:146 Resp: 1008

Ion Ratio Lower Upper

146 100

148 1184.3 52.2 78.2#

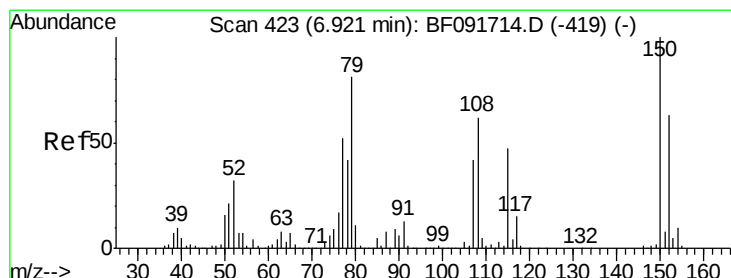
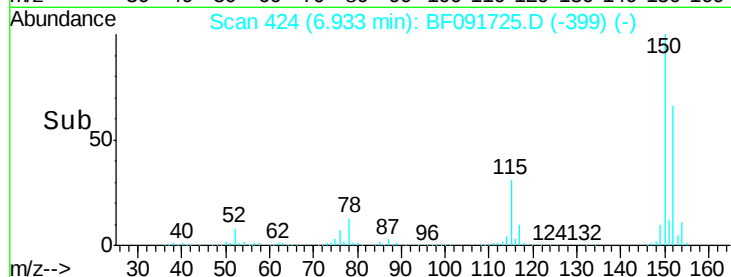
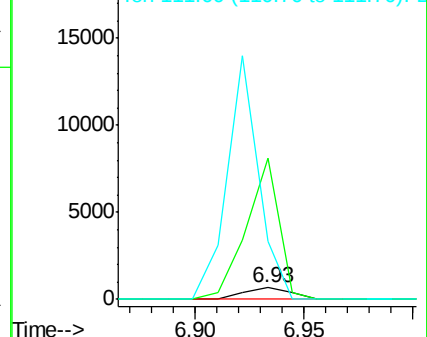
111 484.6 36.2 54.2#



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: 1.72 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

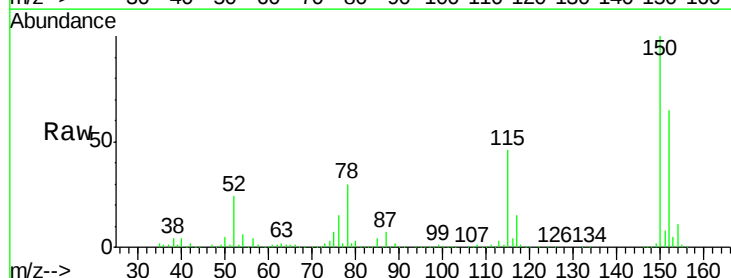
Tgt Ion: 79 Resp: 27782

Ion Ratio Lower Upper

79 100

108 27.9 61.4 92.0#

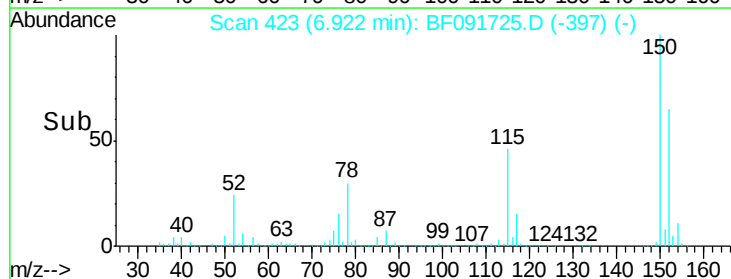
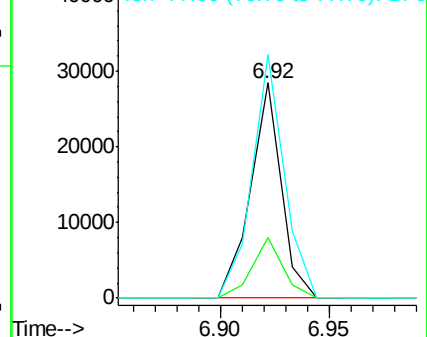
77 113.3 50.9 76.3#

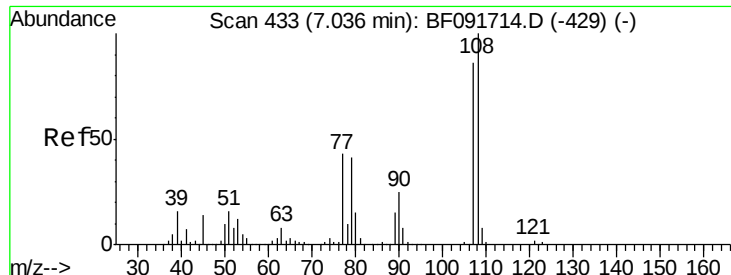


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

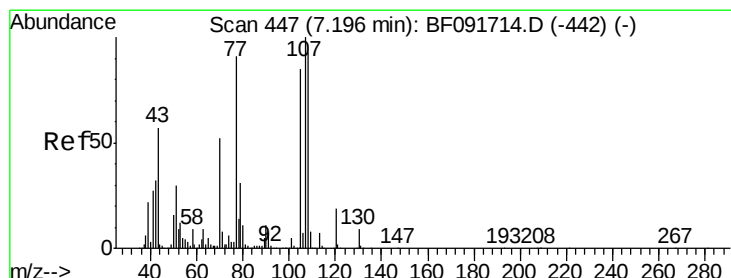
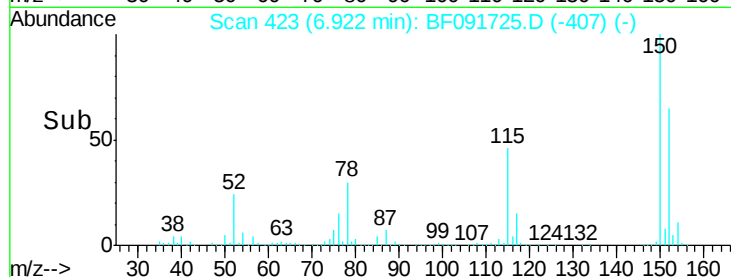
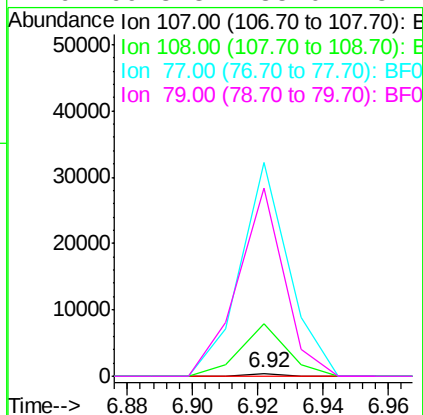
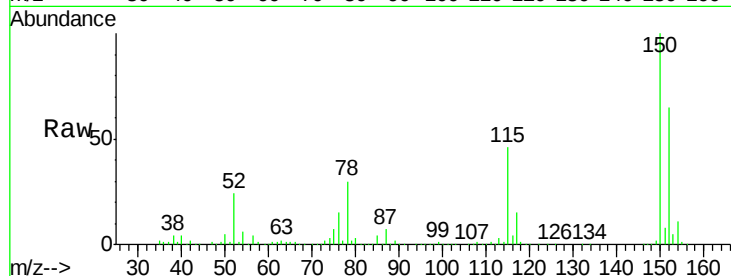




#17
2-Methylphenol
Concen: 0.02 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.11 min
Lab File: BF091725.D
Acq: 18 Dec 2016 2:07

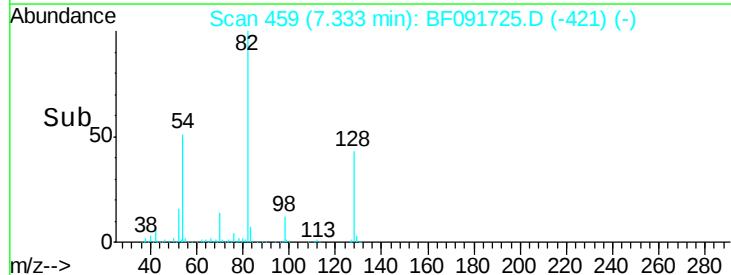
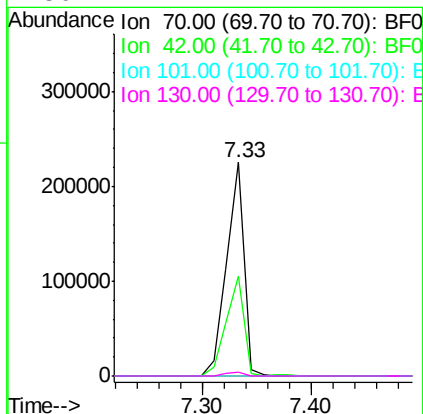
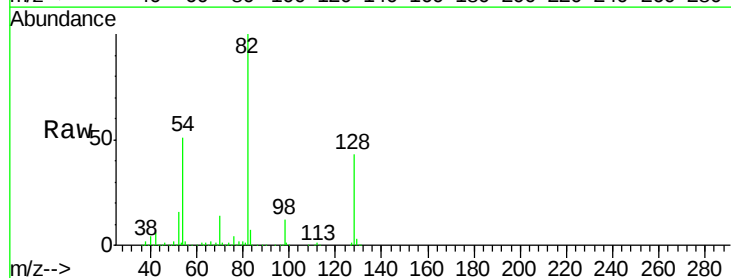
Instrument :
BNA_F
ClientSampleID :
PB95429BL

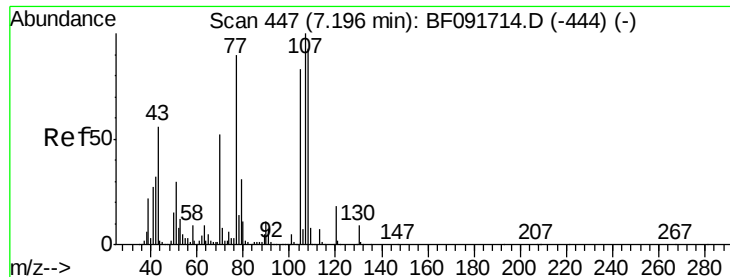
Tgt Ion: 107 Resp: 281
Ion Ratio Lower Upper
107 100
108 1935.4 93.0 139.6#
77 7851.7 39.8 59.8#
79 6928.8 38.0 57.0#



#19
n-Nitroso-di-n-propylamine
Concen: 17.92 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF091725.D
Acq: 18 Dec 2016 2:07

Tgt Ion: 70 Resp: 248907
Ion Ratio Lower Upper
70 100
42 46.9 49.4 74.0#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#





#20

3+4-Methylphenols

Concen: 0.02 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.27 min

Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

Instrument :

BNA_F

ClientSampleId :

PB95429BL

Tgt Ion:107 Resp: 281

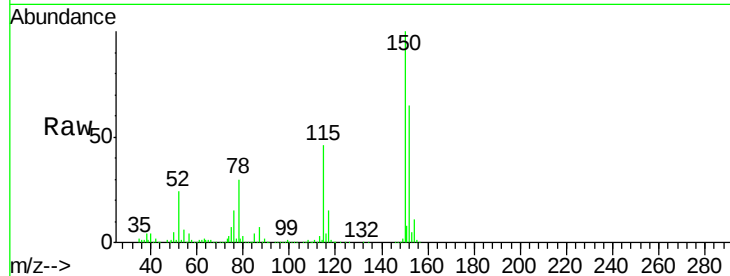
Ion Ratio Lower Upper

107 100

108 1935.4 73.0 113.0#

77 7851.7 71.3 111.3#

79 6928.8 11.1 51.1#

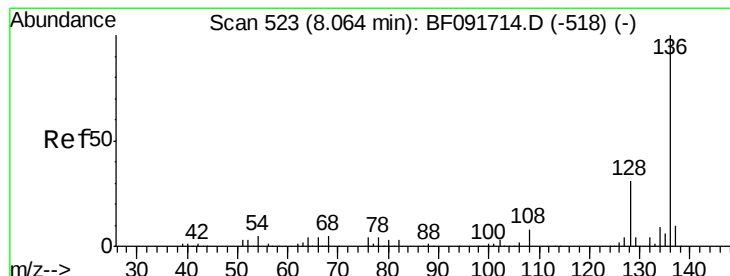
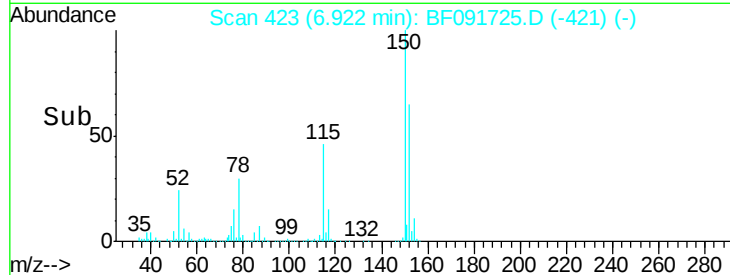
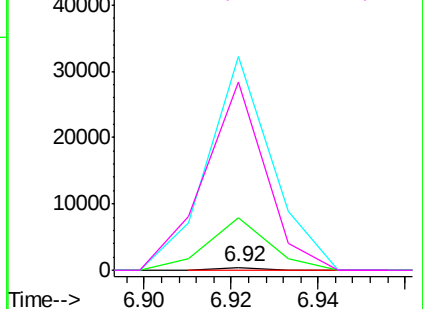


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

Tgt Ion:136 Resp: 1222591

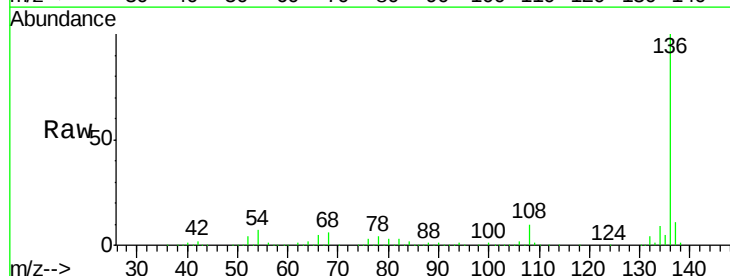
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 7.2 4.5 6.7#

68 5.8 3.6 5.4#

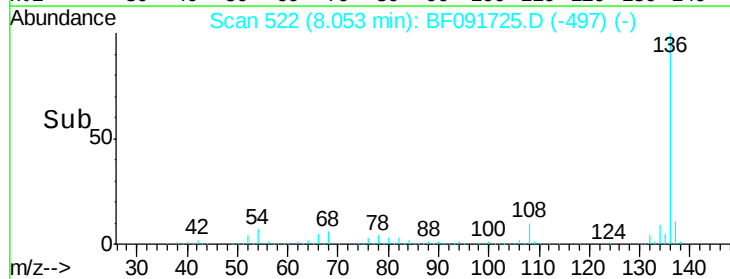
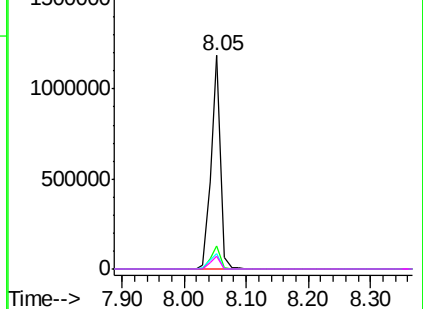


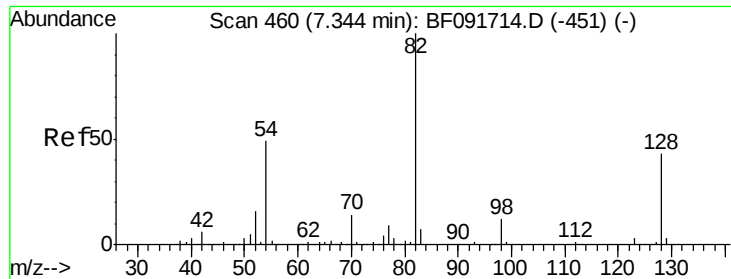
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

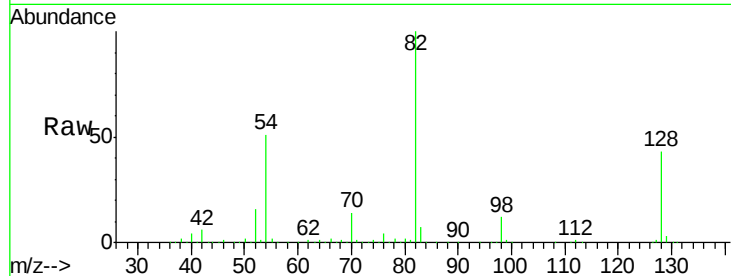




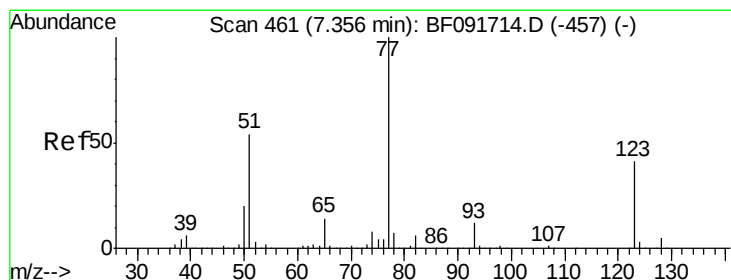
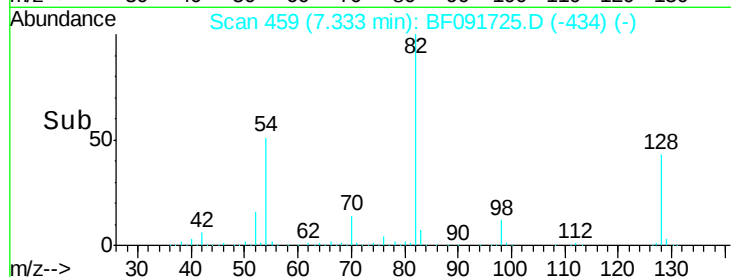
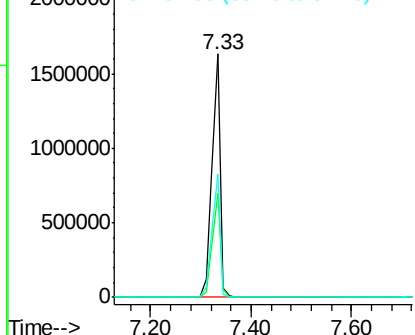
#23
 Nitrobenzene-d5
 Concen: 86.53 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF091725.D
 Acq: 18 Dec 2016 2:07

Instrument :
 BNA_F
 ClientSampleID :
 PB95429BL

Tgt Ion: 82 Resp: 1834424
 Ion Ratio Lower Upper
 82 100
 128 43.0 34.6 52.0
 54 50.7 39.5 59.3

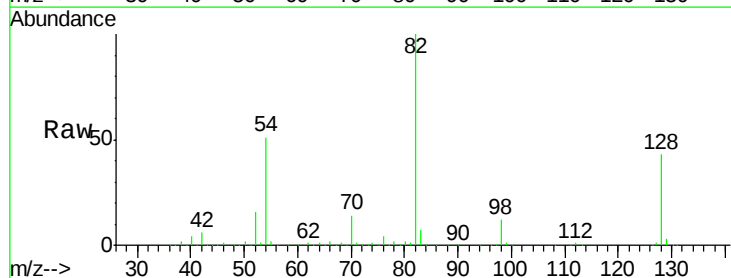


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

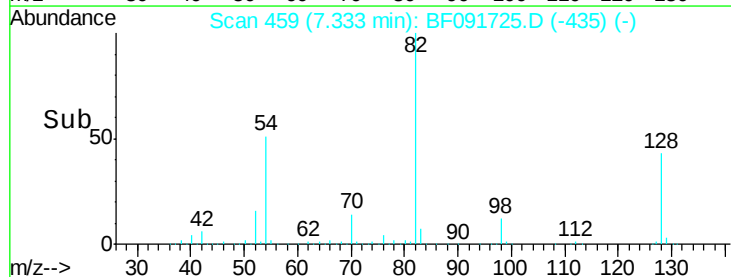
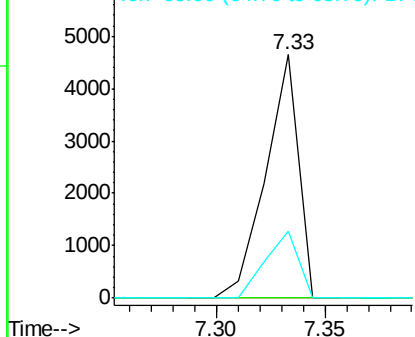


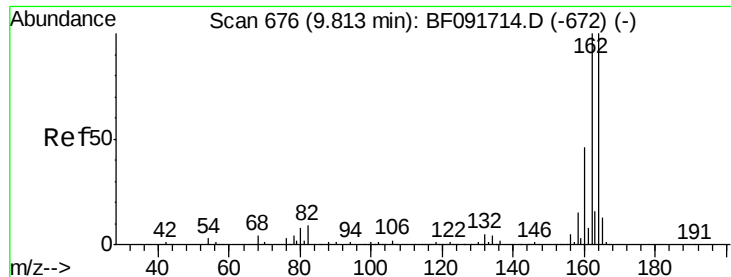
#24
 Nitrobenzene
 Concen: 0.22 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.02 min
 Lab File: BF091725.D
 Acq: 18 Dec 2016 2:07

Tgt Ion: 77 Resp: 4915
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.4#
 65 27.5 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

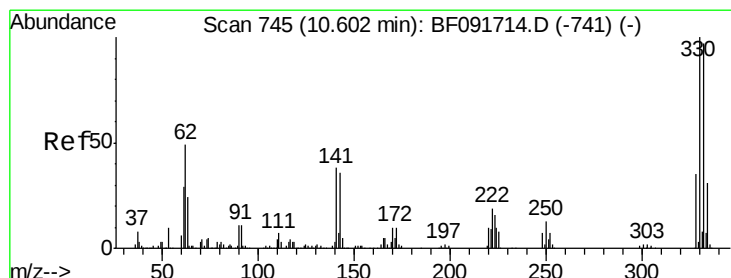
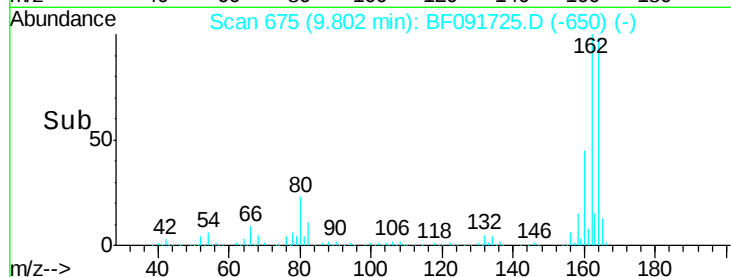
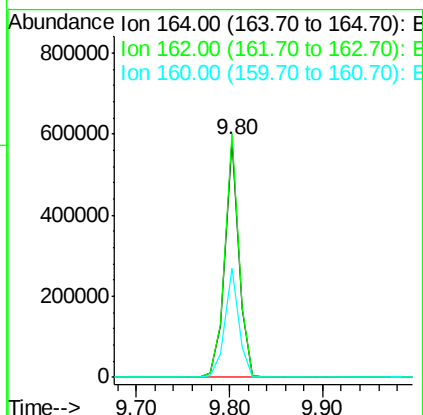
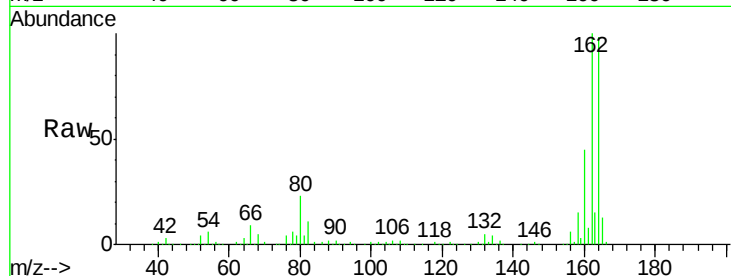




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF091725.D
Acq: 18 Dec 2016 2:07

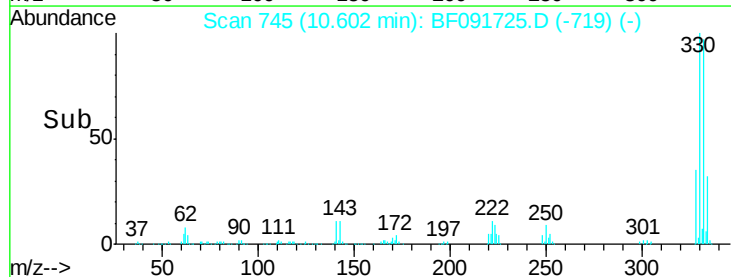
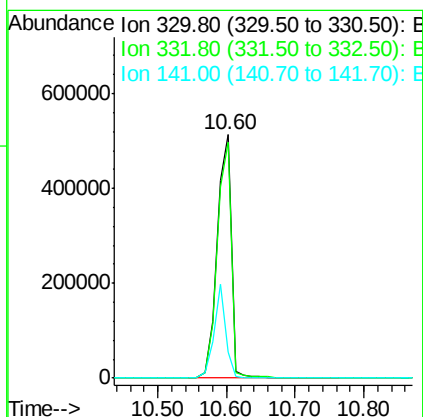
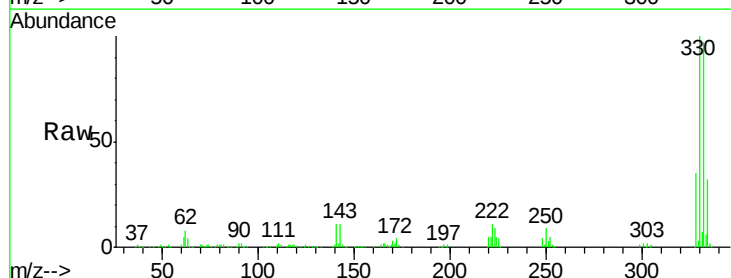
Instrument :
BNA_F
ClientSampleId :
PB95429BL

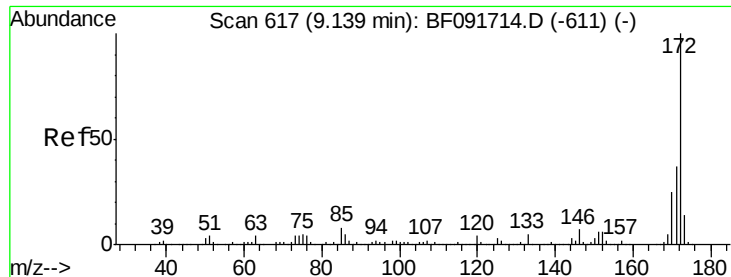
Tgt Ion:164 Resp: 616876
Ion Ratio Lower Upper
164 100
162 102.4 80.2 120.2
160 45.9 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 144.58 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF091725.D
Acq: 18 Dec 2016 2:07

Tgt Ion:330 Resp: 756269
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 32.3 34.1 51.1#

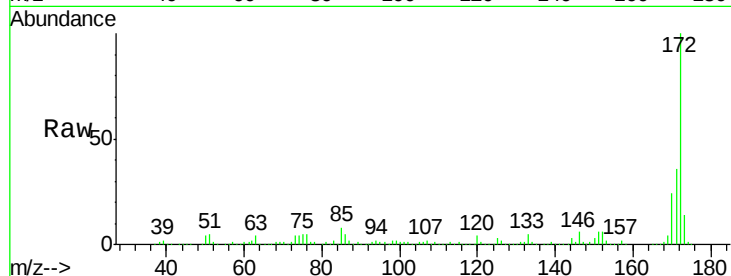




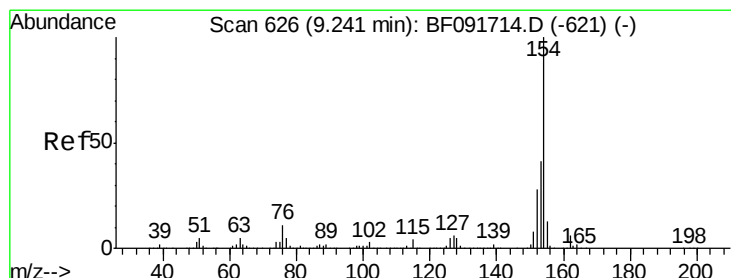
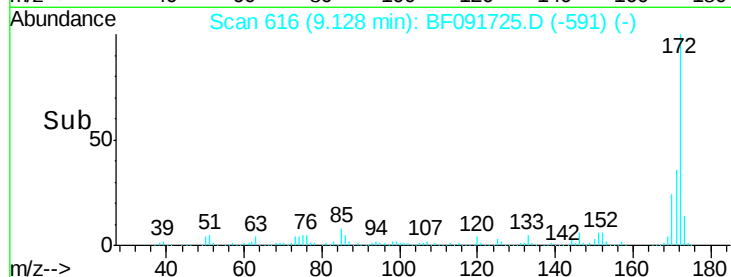
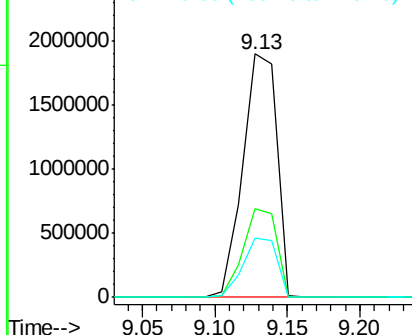
#44
2-Fluorobiphenyl
Concen: 100.56 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091725.D
Acq: 18 Dec 2016 2:07

Instrument :
BNA_F
ClientSampleId :
PB95429BL

Tgt Ion:172 Resp: 3087880
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.4 20.2 30.4

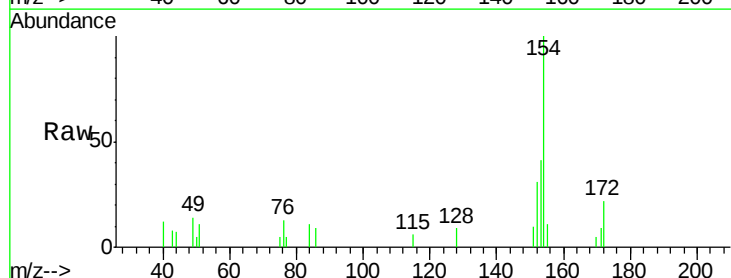


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

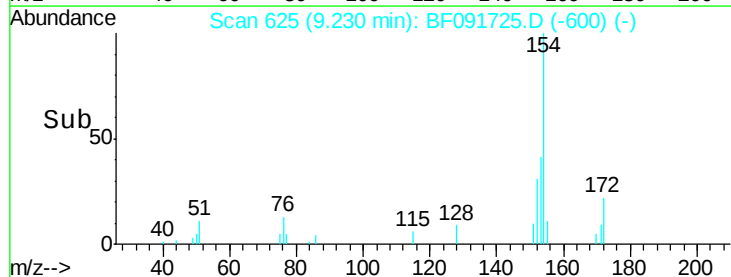
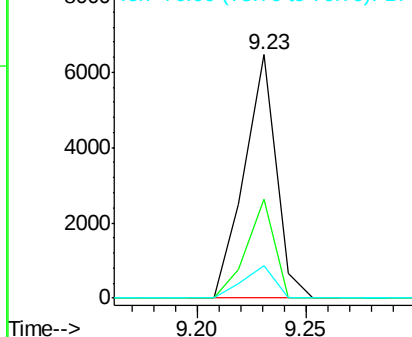


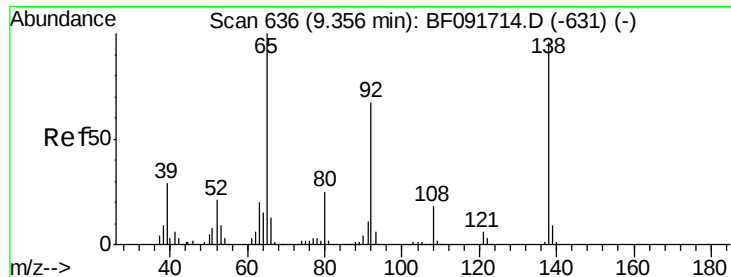
#45
1,1'-Biphenyl
Concen: 0.15 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF091725.D
Acq: 18 Dec 2016 2:07

Tgt Ion:154 Resp: 6607
Ion Ratio Lower Upper
154 100
153 40.8 20.9 60.9
76 13.2 0.0 30.5



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





#47

2-Nitroaniline

Concen: 0.46 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.23 min

Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

Instrument :

BNA_F

ClientSampleId :

PB95429BL

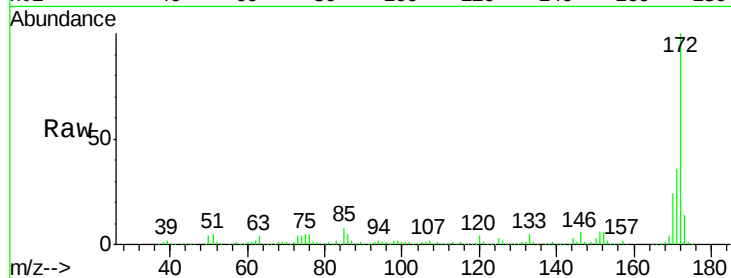
Tgt Ion: 65 Resp: 5199

Ion Ratio Lower Upper

65 100

92 202.2 53.9 80.9#

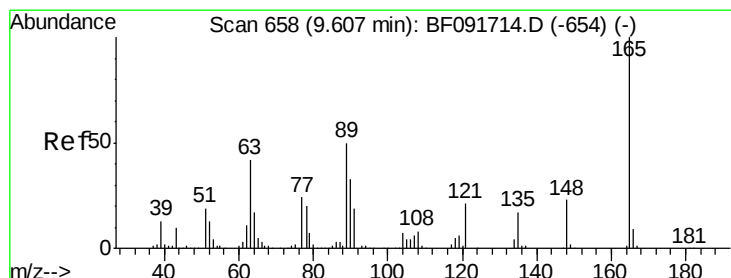
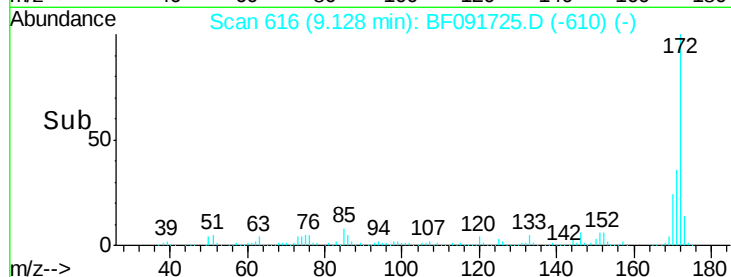
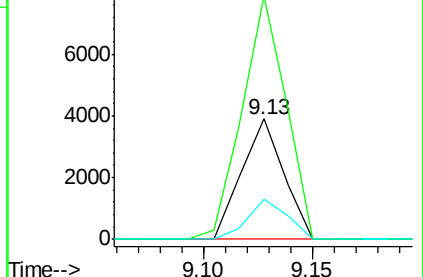
138 33.5 76.8 115.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#50

2,6-Dinitrotoluene

Concen: 9.14 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.19 min

Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

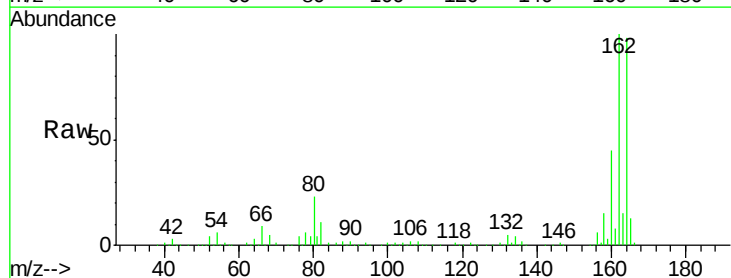
Tgt Ion: 165 Resp: 80709

Ion Ratio Lower Upper

165 100

63 0.9 36.2 54.4#

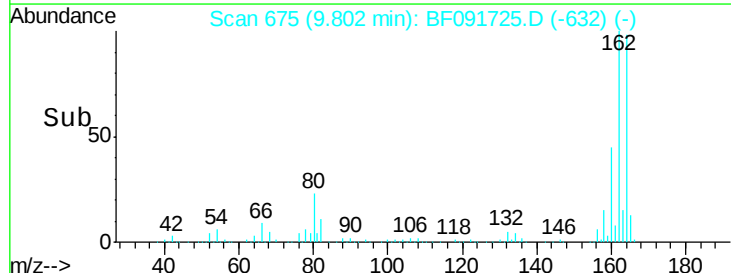
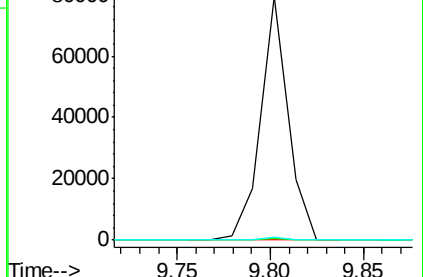
89 1.0 40.2 60.4#

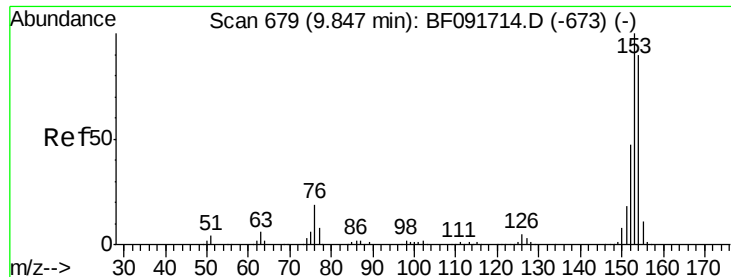


Abundance Ion 165.00 (164.70 to 165.70): BF0

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: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

Instrument :

BNA_F

ClientSampleId :

PB95429BL

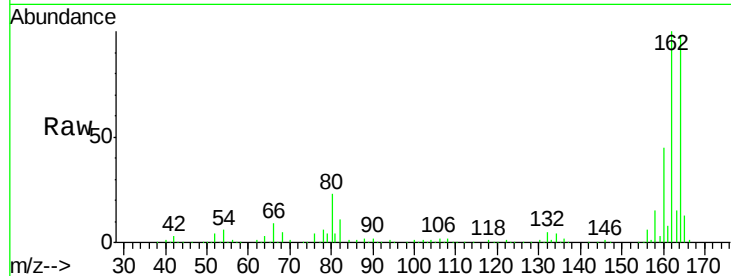
Tgt Ion:154 Resp: 1992

Ion Ratio Lower Upper

154 100

153 0.0 88.6 133.0#

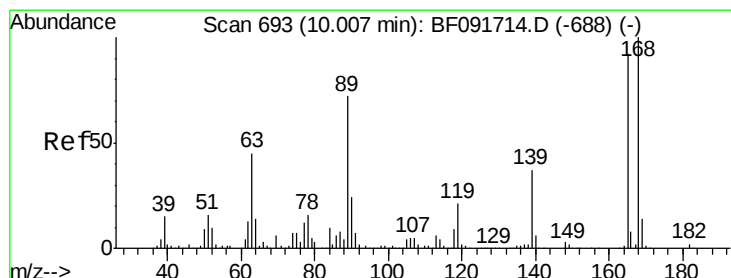
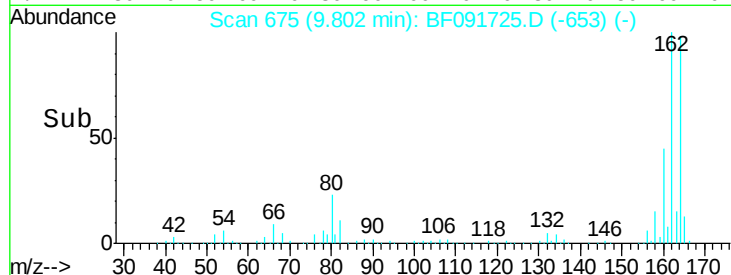
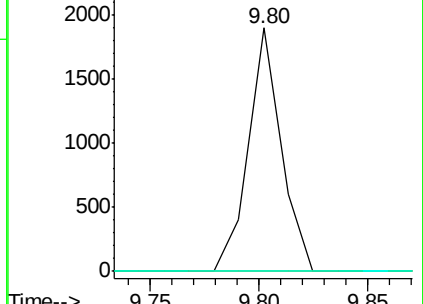
152 0.0 41.6 62.4#



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: 7.31 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

Tgt Ion:165 Resp: 80696

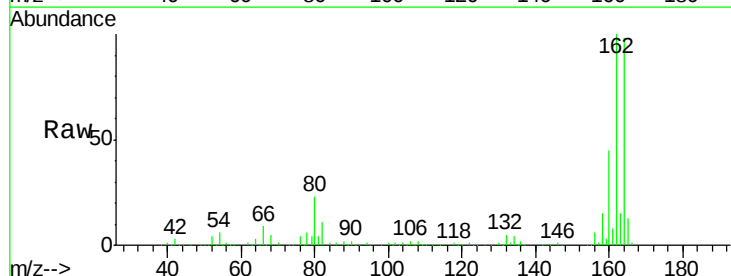
Ion Ratio Lower Upper

165 100

63 0.9 40.2 60.4#

89 1.0 62.5 93.7#

182 0.0 1.8 2.8#

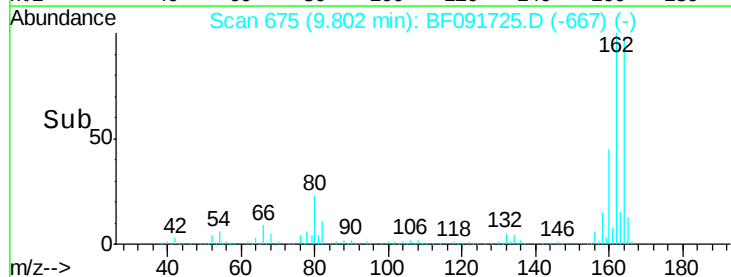
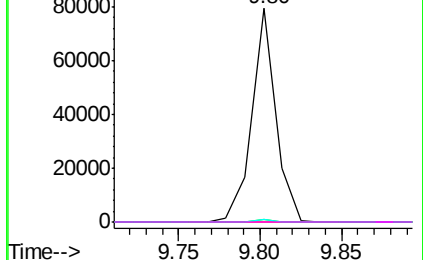


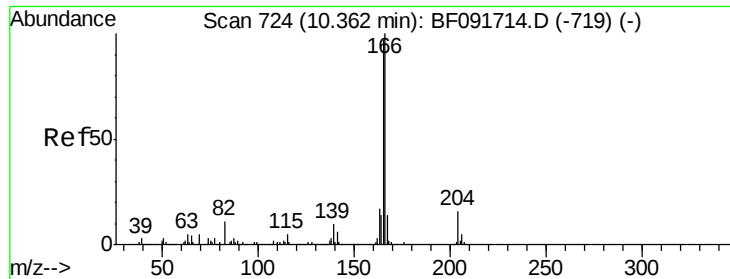
Abundance Ion 165.00 (164.70 to 165.70): E

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

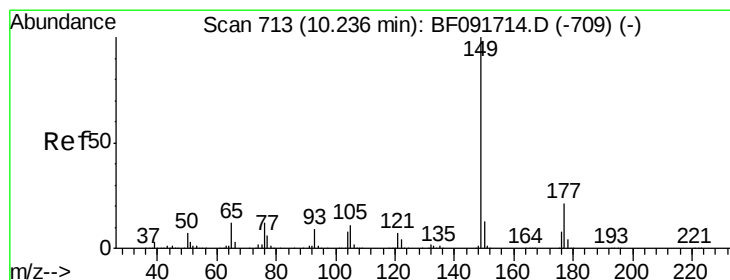
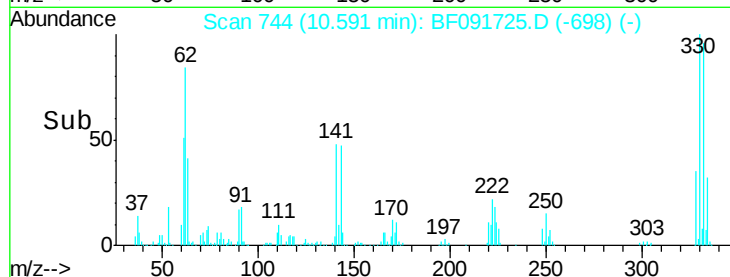
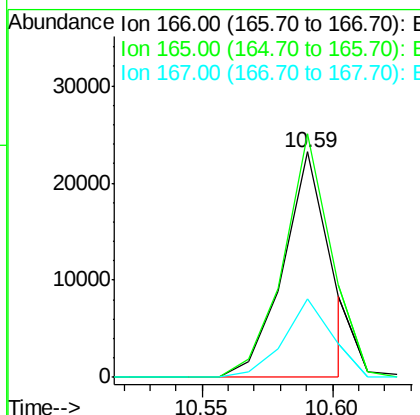
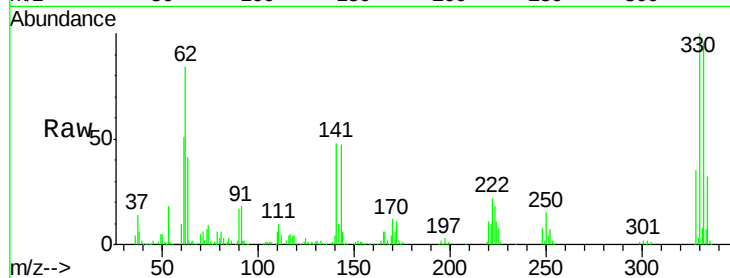




#57
Fluorene
 Concen: 0.89 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.23 min
 Lab File: BF091725.D
 Acq: 18 Dec 2016 2:07

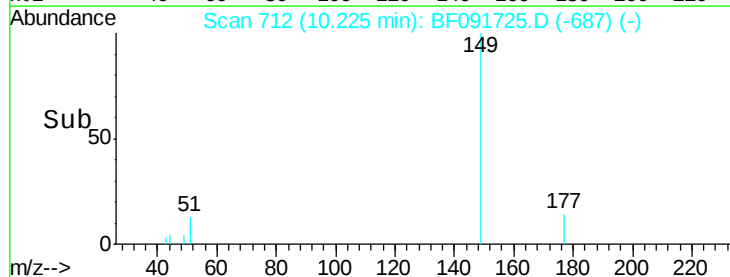
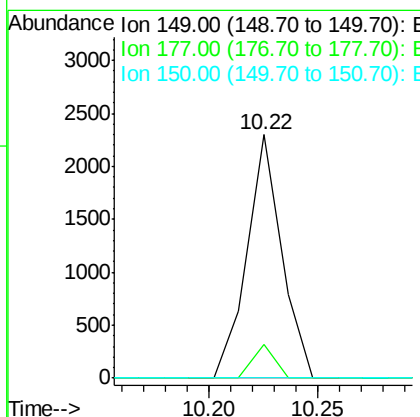
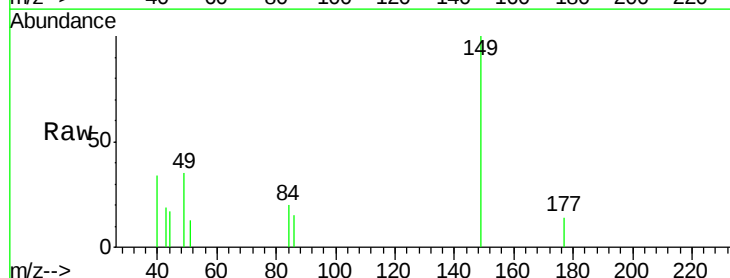
Instrument :
 BNA_F
 ClientSampleId :
 PB95429BL

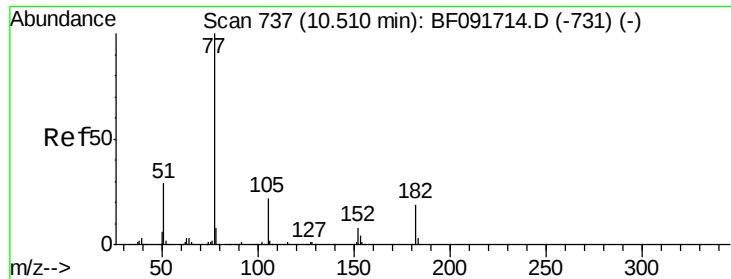
Tgt Ion:166 Resp: 28878
 Ion Ratio Lower Upper
 166 100
 165 108.1 77.8 116.8
 167 35.0 10.8 16.2#



#59
Diethylphthalate
 Concen: 0.06 ng
 RT: 10.22 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF091725.D
 Acq: 18 Dec 2016 2:07

Tgt Ion:149 Resp: 2553
 Ion Ratio Lower Upper
 149 100
 177 13.7 16.6 25.0#
 150 0.0 10.4 15.6#





#62

Azobenzene

Concen: 0.08 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.08 min

Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

Instrument :

BNA_F

ClientSampleId :

PB95429BL

Tgt Ion: 77 Resp: 3425

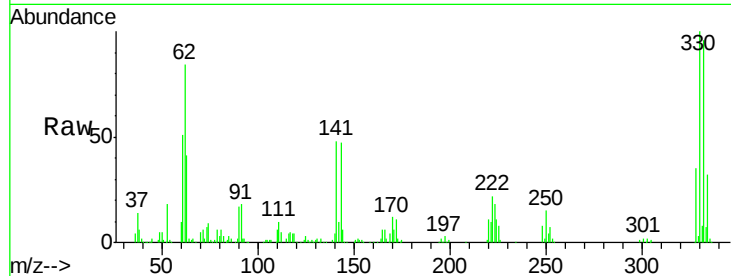
Ion Ratio Lower Upper

77 100

182 0.0 0.0 39.3

105 94.6 2.3 42.3#

51 80.0 8.9 48.9#

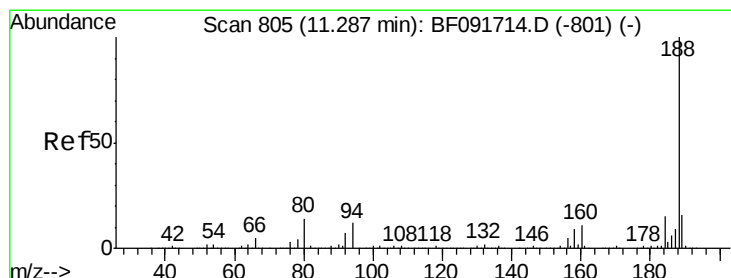
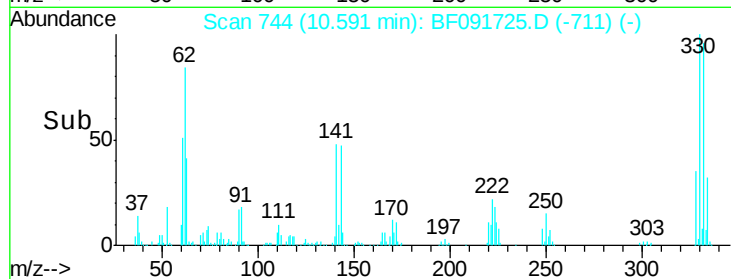
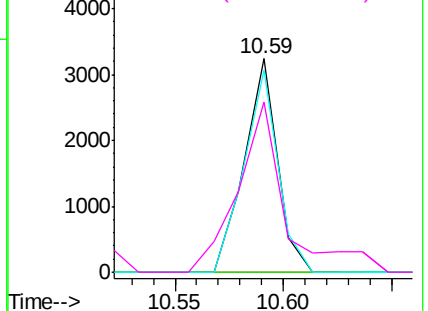


Abundance Ion 77.00 (76.70 to 77.70): BF0

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

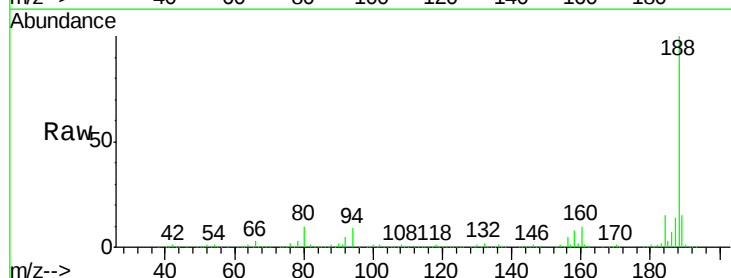
Tgt Ion: 188 Resp: 1147627

Ion Ratio Lower Upper

188 100

94 8.9 10.0 15.0#

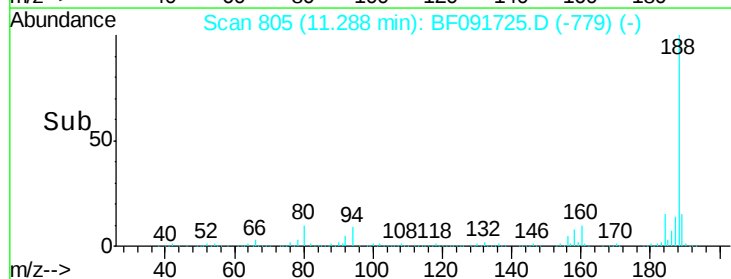
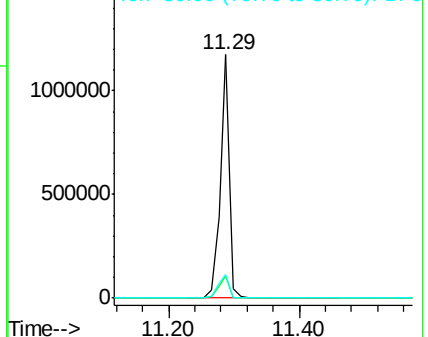
80 9.5 11.2 16.8#

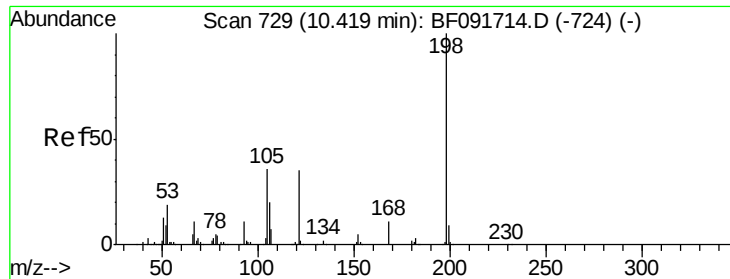


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

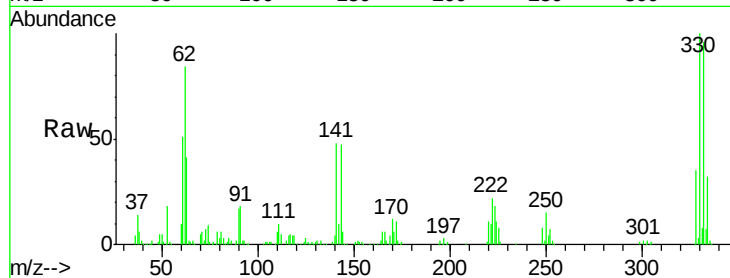




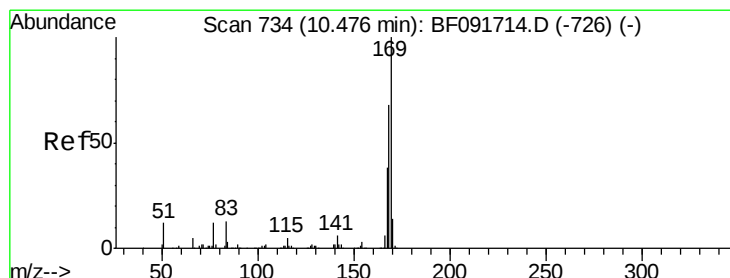
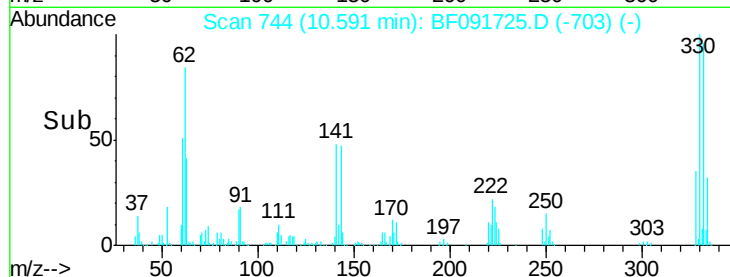
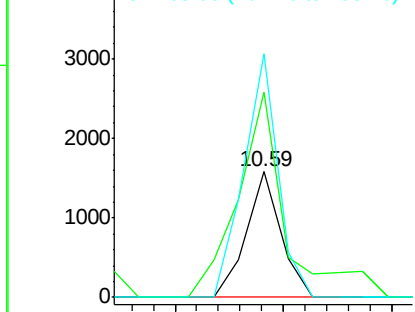
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.23 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.17 min
 Lab File: BF091725.D
 Acq: 18 Dec 2016 2:07

Instrument :
 BNA_F
 ClientSampleId :
 PB95429BL

Tgt Ion:198 Resp: 1749
 Ion Ratio Lower Upper
 198 100
 51 164.3 6.7 46.7#
 105 194.4 16.6 56.6#

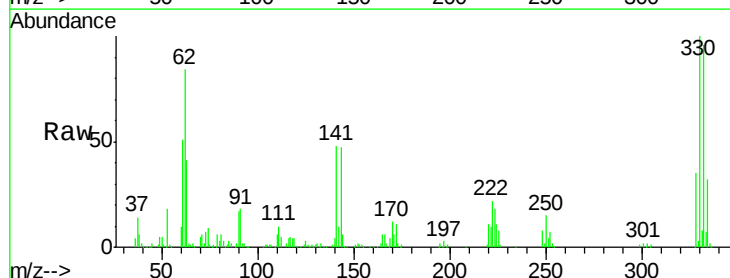


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

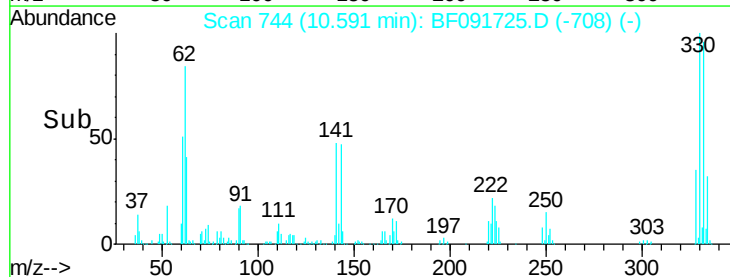
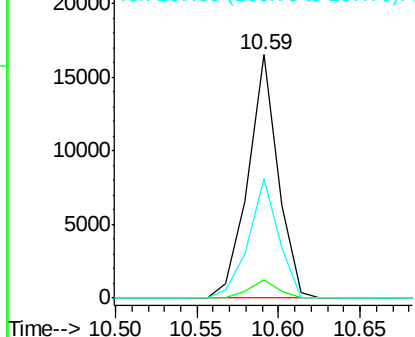


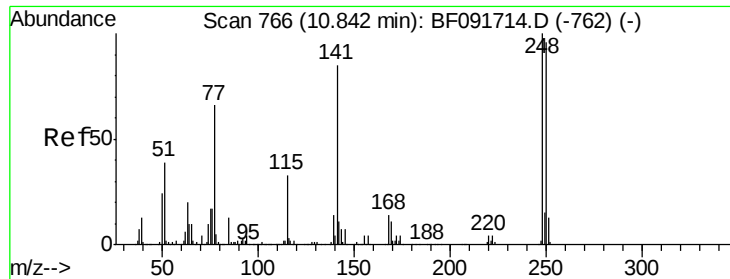
#65
 n-Nitrosodiphenylamine
 Concen: 0.59 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.11 min
 Lab File: BF091725.D
 Acq: 18 Dec 2016 2:07

Tgt Ion:169 Resp: 21033
 Ion Ratio Lower Upper
 169 100
 168 7.7 54.2 81.2#
 167 49.1 30.2 45.4#



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

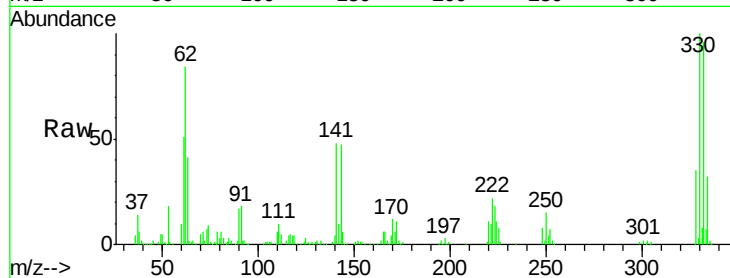




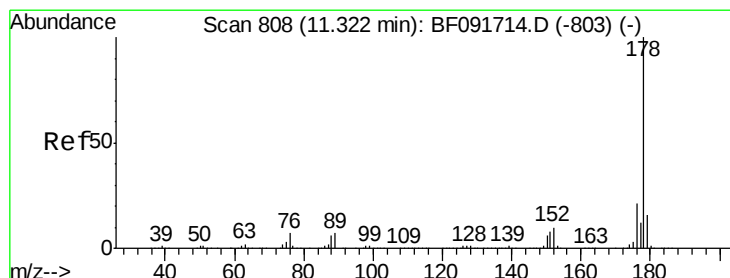
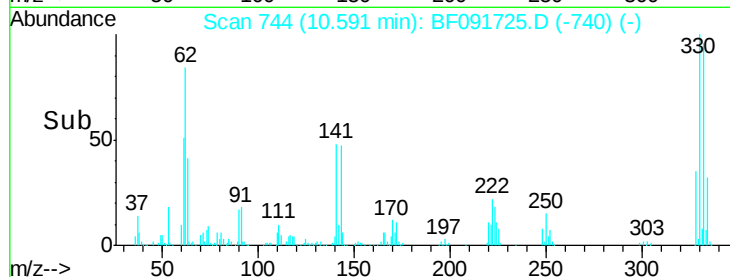
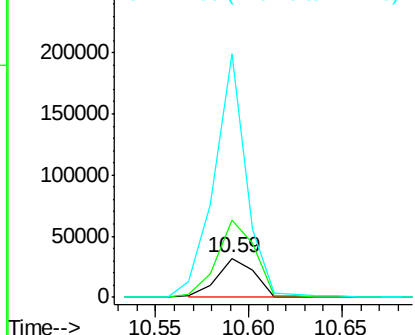
#66
4-Bromophenyl-phenylether
Concen: 3.76 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF091725.D
Acq: 18 Dec 2016 2:07

Instrument :
BNA_F
ClientSampleId :
PB95429BL

Tgt Ion:248 Resp: 45189
Ion Ratio Lower Upper
248 100
250 195.3 76.9 115.3#
141 620.0 68.2 102.4#

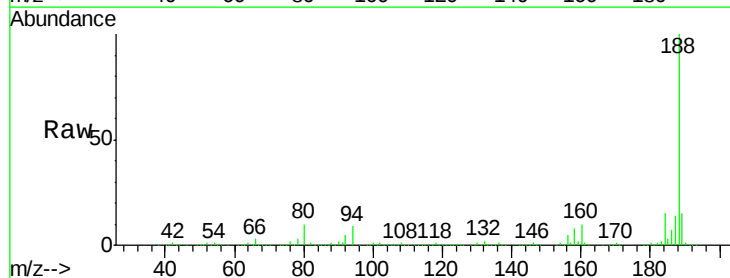


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

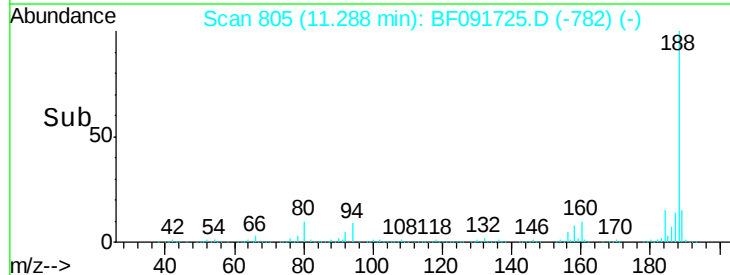
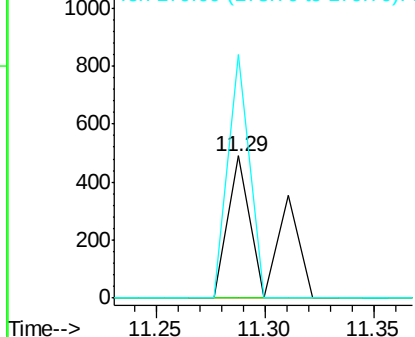


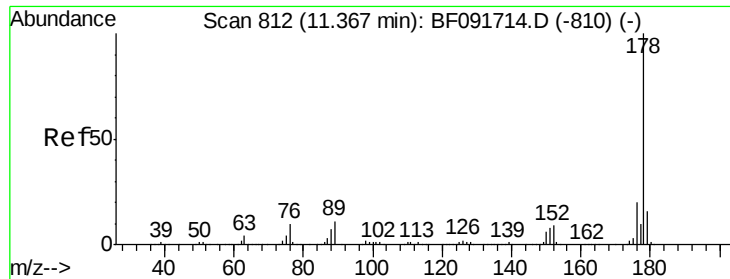
#70
Phenanthrene
Concen: 0.01 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF091725.D
Acq: 18 Dec 2016 2:07

Tgt Ion:178 Resp: 580
Ion Ratio Lower Upper
178 100
176 0.0 16.6 25.0#
179 171.2 12.8 19.2#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

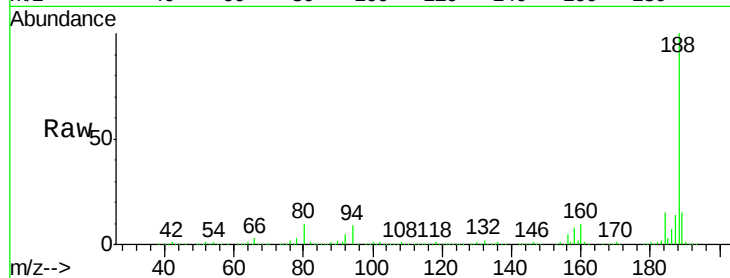




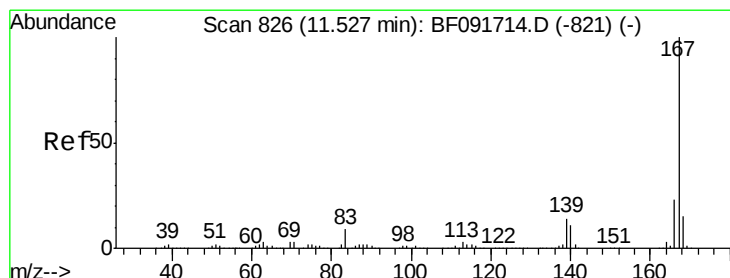
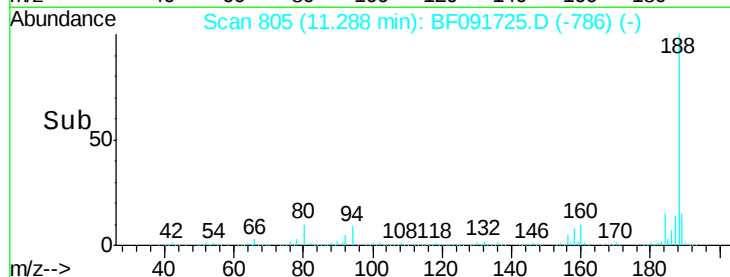
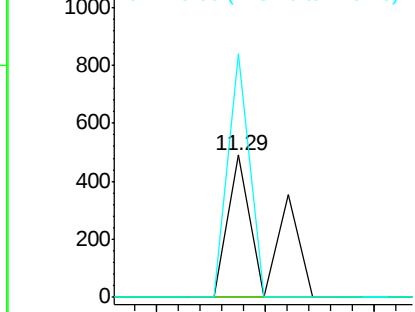
#71
 Anthracene
 Concen: 0.01 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.08 min
 Lab File: BF091725.D
 Acq: 18 Dec 2016 2:07

Instrument :
 BNA_F
 ClientSampleId :
 PB95429BL

Tgt Ion:178 Resp: 580
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.9 23.9#
 179 171.2 13.2 19.8#

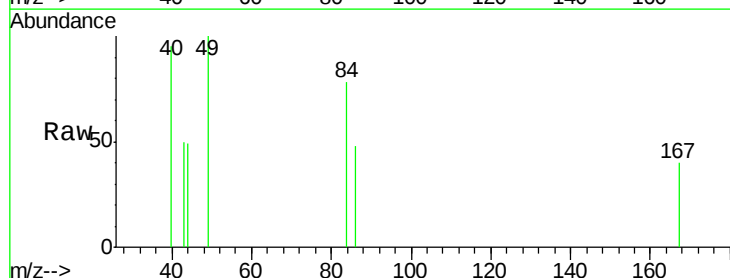


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

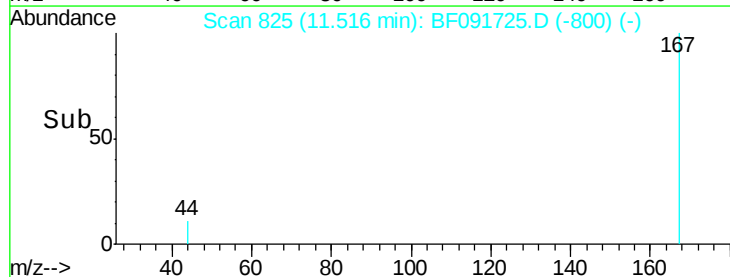
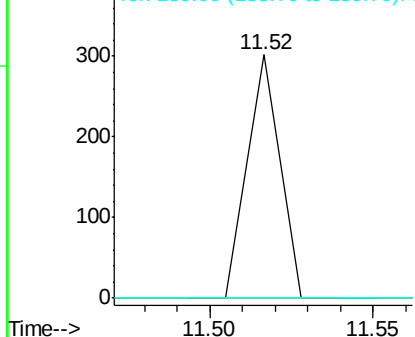


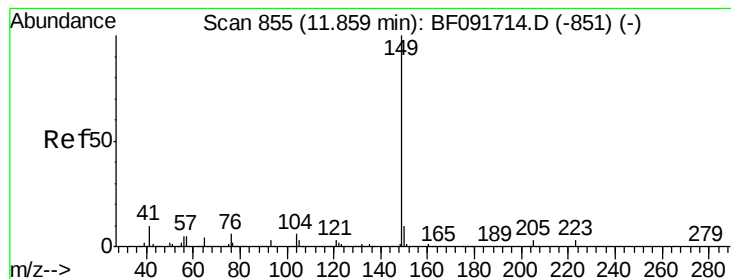
#72
 Carbazole
 Concen: 0.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF091725.D
 Acq: 18 Dec 2016 2:07

Tgt Ion:167 Resp: 207
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.2 27.2#
 139 0.0 11.4 17.2#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.06 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

Instrument :

BNA_F

ClientSampleId :

PB95429BL

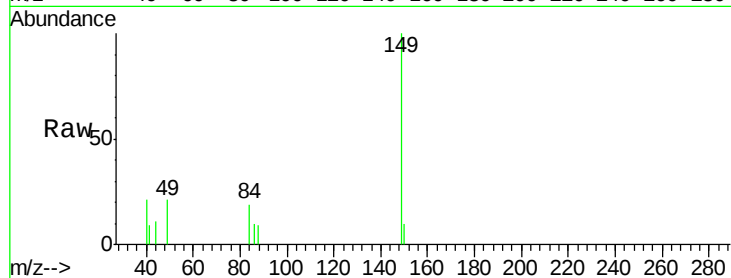
Tgt Ion:149 Resp: 3965

Ion Ratio Lower Upper

149 100

150 10.5 8.1 12.1

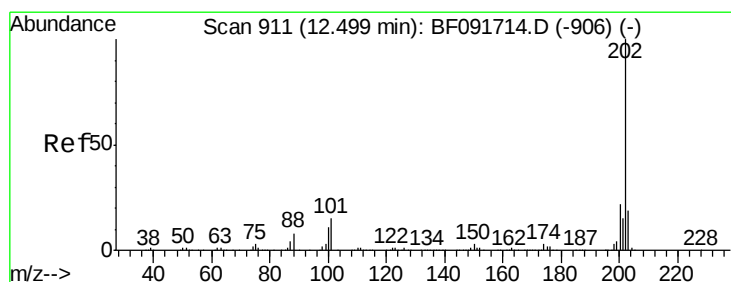
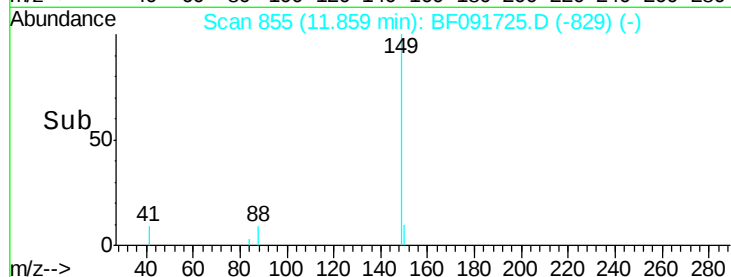
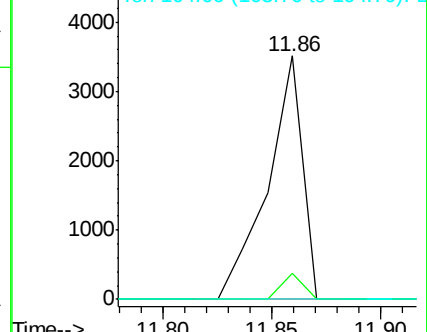
104 0.0 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.01 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

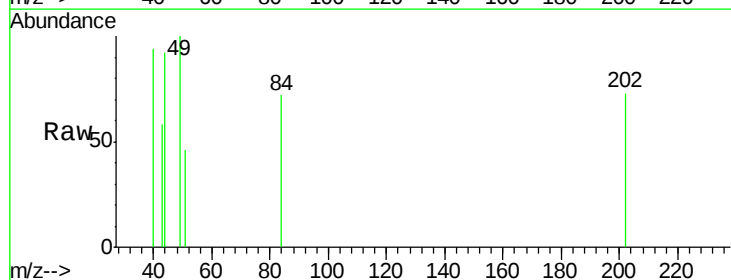
Tgt Ion:202 Resp: 827

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

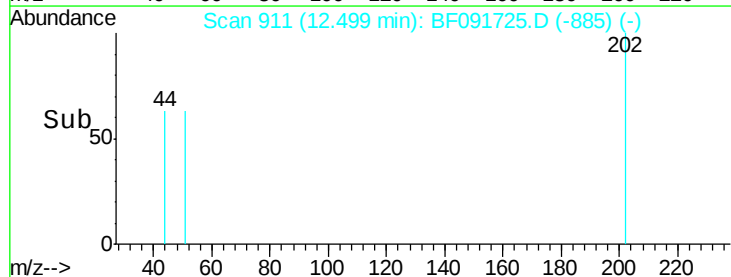
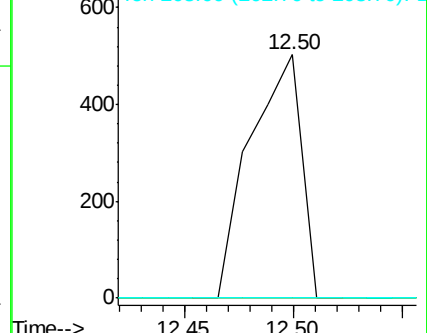
203 0.0 0.0 38.7

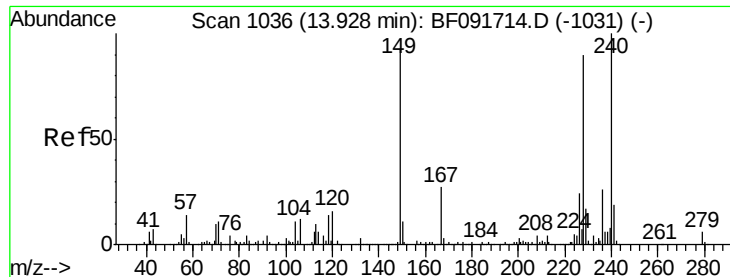


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

Instrument :

BNA_F

ClientSampleId :

PB95429BL

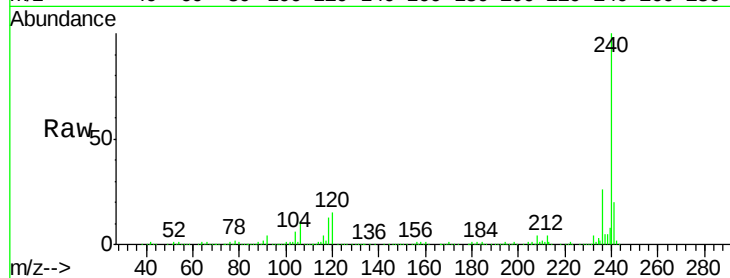
Tgt Ion:240 Resp: 996870

Ion Ratio Lower Upper

240 100

120 14.9 12.9 19.3

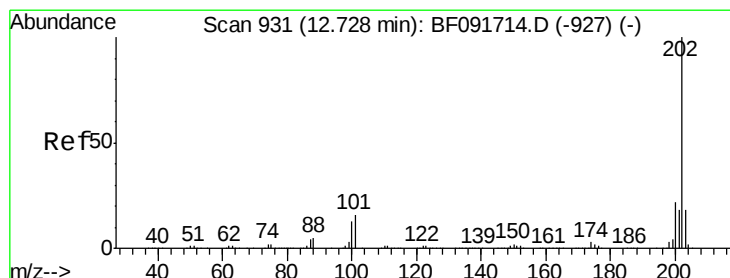
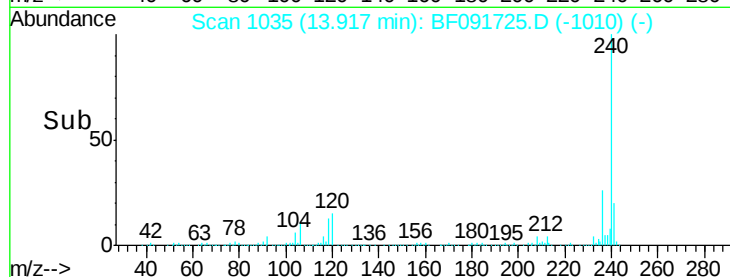
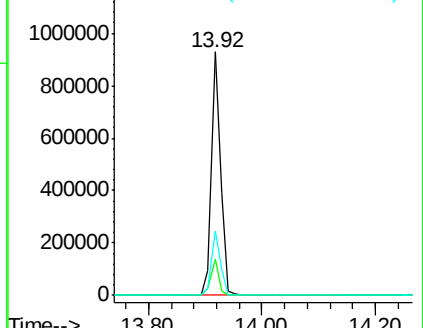
236 26.2 20.9 31.3



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: 12.73 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF091725.D

Acq: 18 Dec 2016 2:07

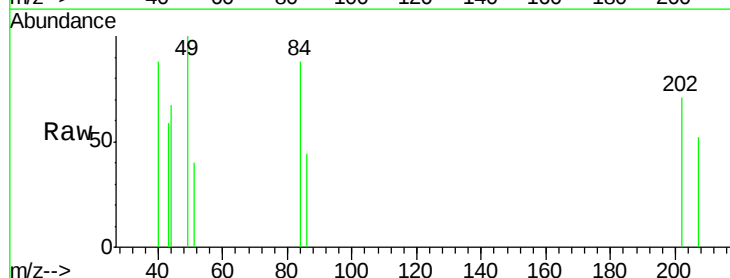
Tgt Ion:202 Resp: 1061

Ion Ratio Lower Upper

202 100

200 0.0 17.7 26.5#

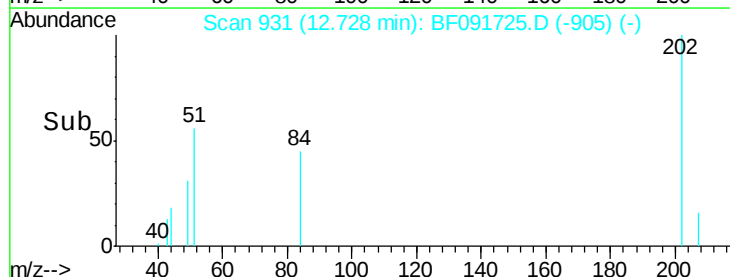
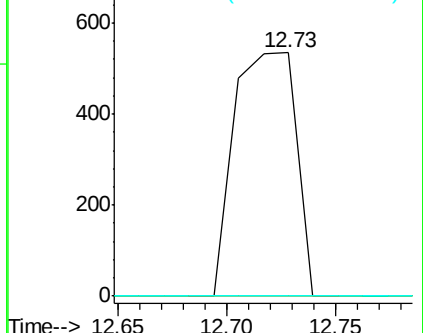
203 0.0 14.7 22.1#

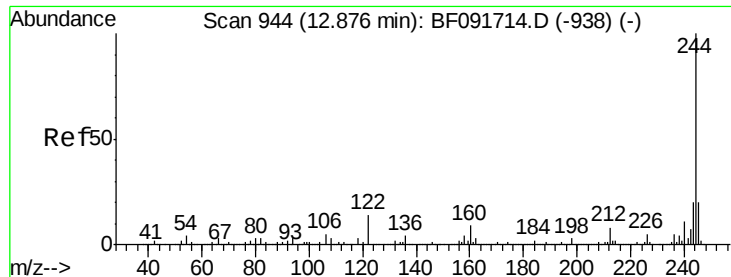


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

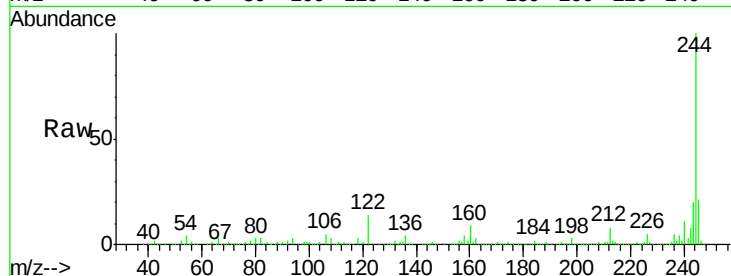




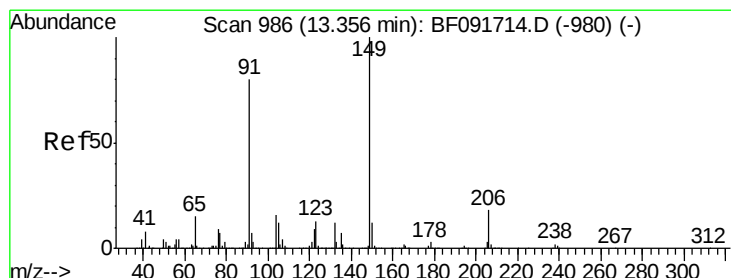
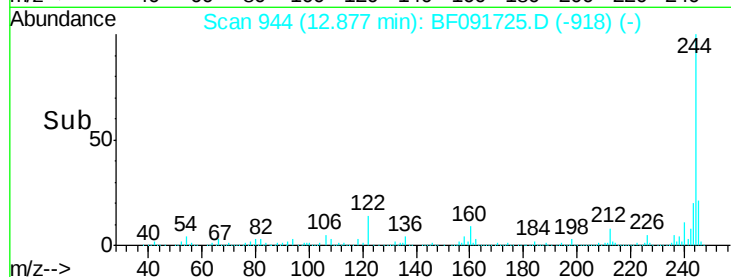
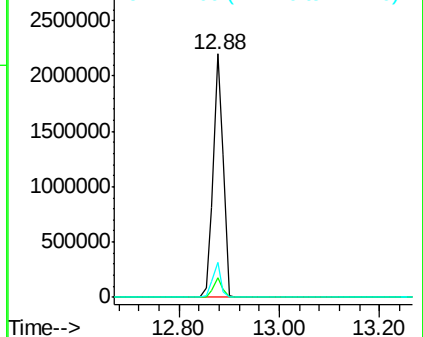
#78
 Terphenyl-d14
 Concen: 77.15 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF091725.D
 Acq: 18 Dec 2016 2:07

Instrument :
 BNA_F
 ClientSampled :
 PB95429BL

Tgt Ion:244 Resp: 3045965
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 14.3 11.4 17.2

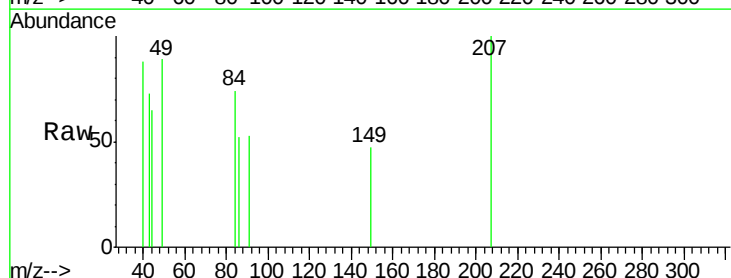


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

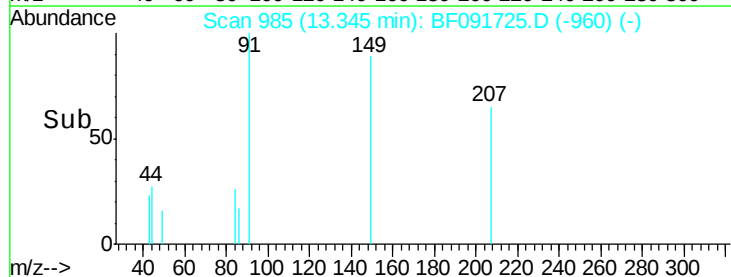
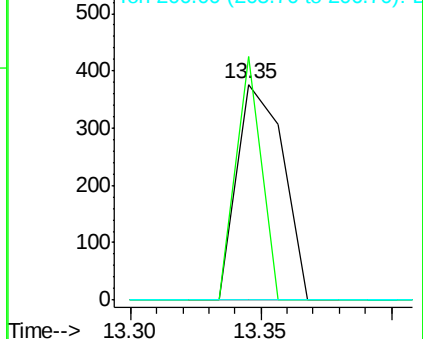


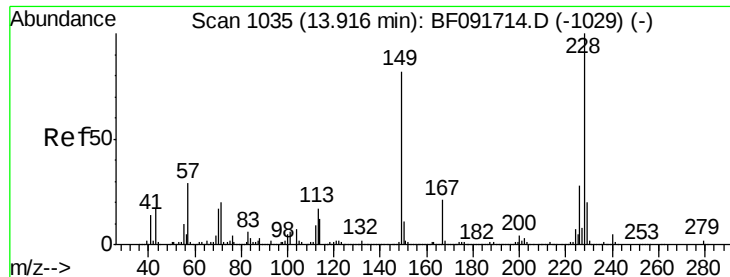
#79
 Butylbenzylphthalate
 Concen: 0.01 ng
 RT: 13.35 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF091725.D
 Acq: 18 Dec 2016 2:07

Tgt Ion:149 Resp: 469
 Ion Ratio Lower Upper
 149 100
 91 112.7 63.9 95.9#
 206 0.0 14.6 21.8#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E

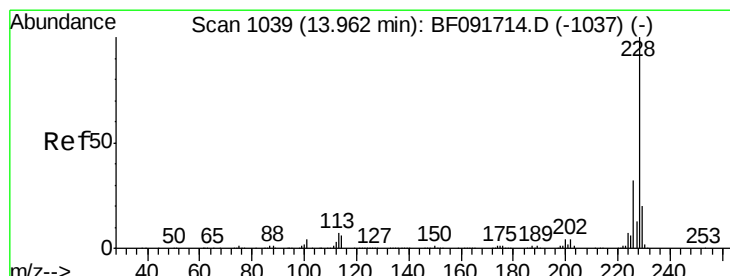
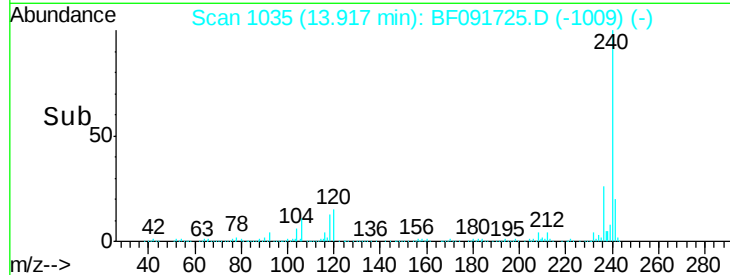
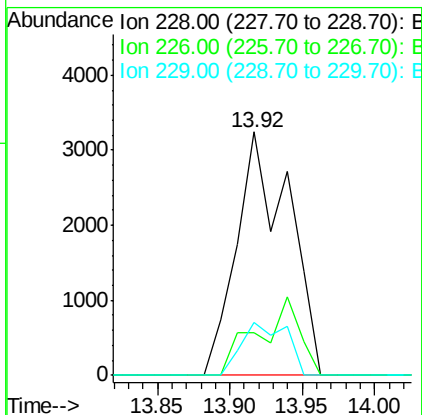
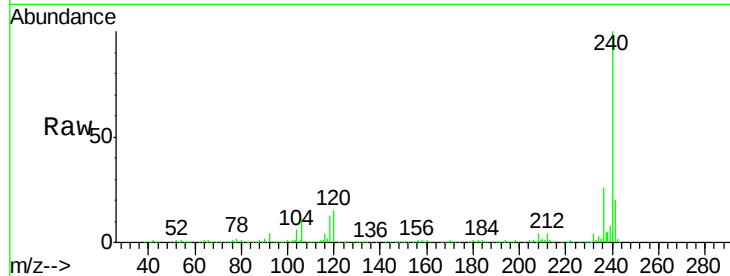




#80
 Benzo(a)anthracene
 Concen: 0.14 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091725.D
 Acq: 18 Dec 2016 2:07

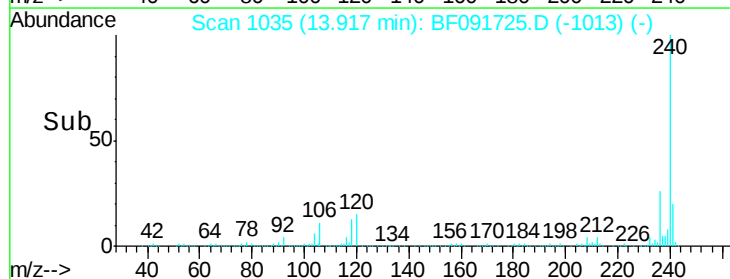
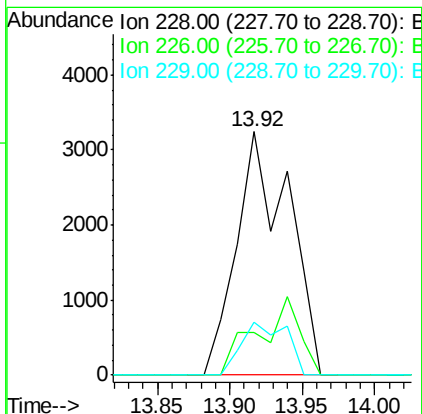
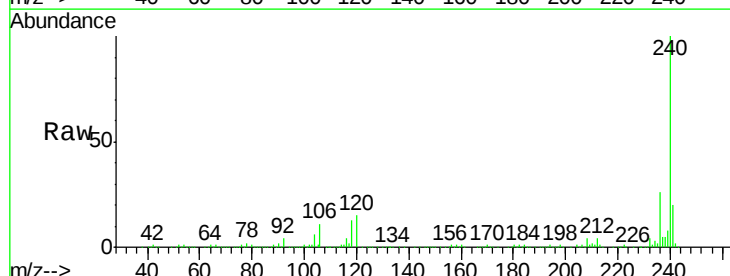
Instrument :
 BNA_F
 ClientSampleId :
 PB95429BL

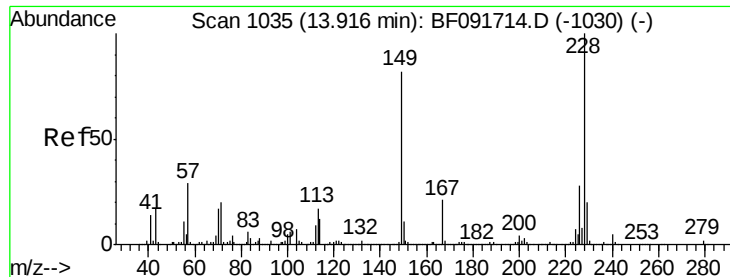
Tgt Ion:	228	Resp:	8067
Ion Ratio		Lower	Upper
228	100		
226	17.7	22.4	33.6#
229	21.9	16.2	24.4



#82
 Chrysene
 Concen: 0.14 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BF091725.D
 Acq: 18 Dec 2016 2:07

Tgt Ion:	228	Resp:	8067
Ion Ratio		Lower	Upper
228	100		
226	17.7	25.4	38.0#
229	21.9	16.2	24.2

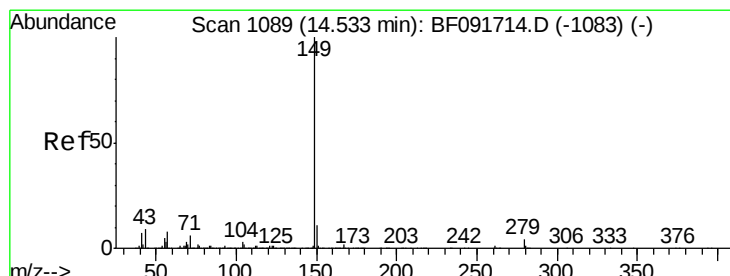
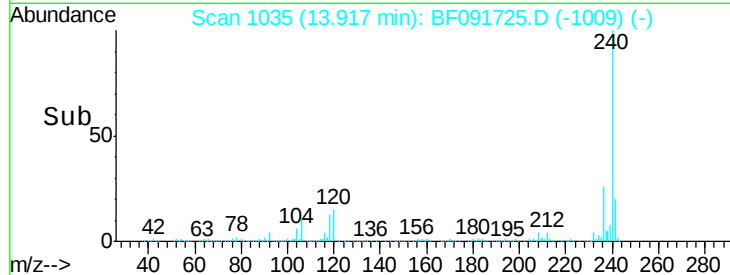
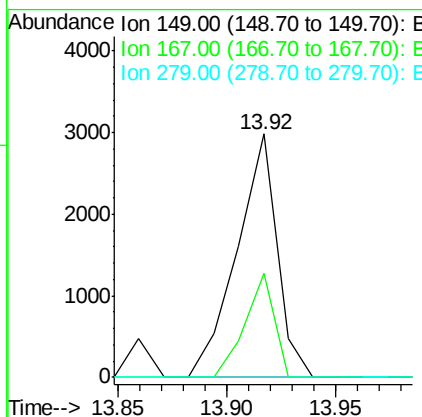
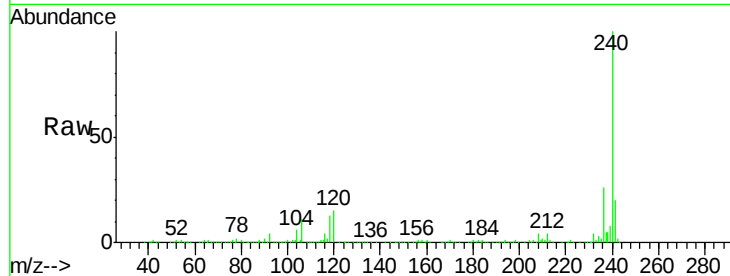




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.09 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091725.D
 Acq: 18 Dec 2016 2:07

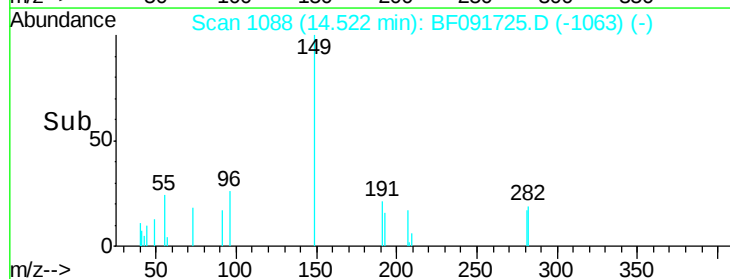
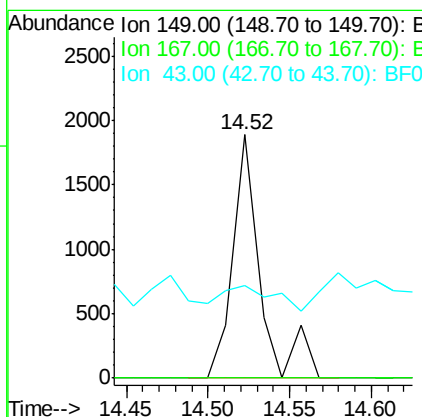
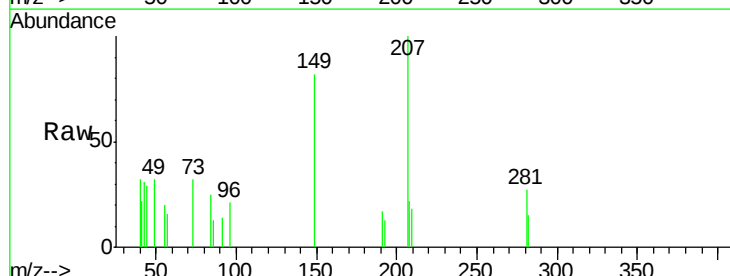
Instrument :
 BNA_F
 ClientSampleId :
 PB95429BL

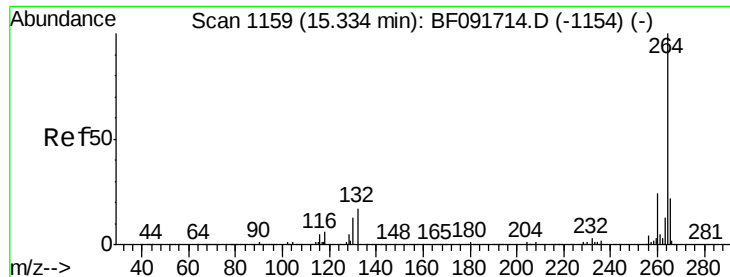
Tgt Ion:	149	Resp:	3839
Ion	Ratio	Lower	Upper
149	100		
167	42.9	20.2	30.4#
279	0.0	1.8	2.8#



#84
 Di-n-octyl phthalate
 Concen: 0.03 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF091725.D
 Acq: 18 Dec 2016 2:07

Tgt Ion:	149	Resp:	2179
Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	18.5	8.9	13.3#



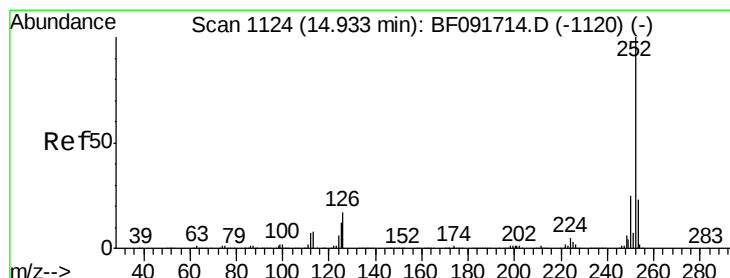
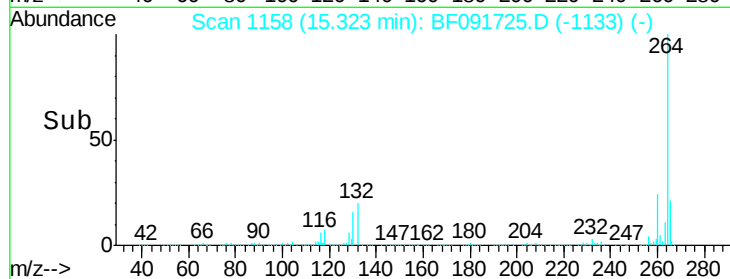
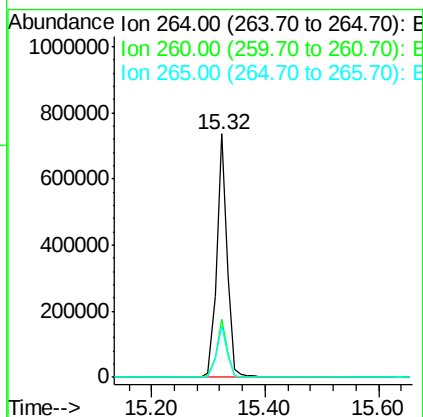
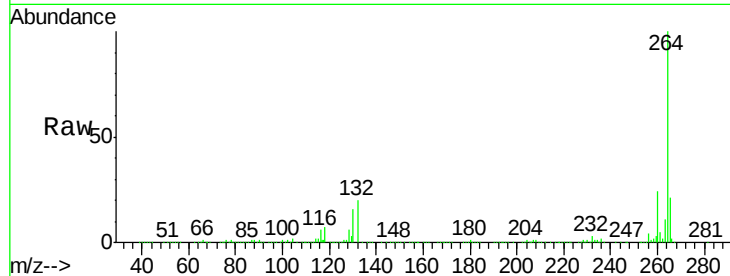


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF091725.D
Acq: 18 Dec 2016 2:07

Instrument :
BNA_F
ClientSampleId :
PB95429BL

Tgt Ion: 264 Resp: 931279

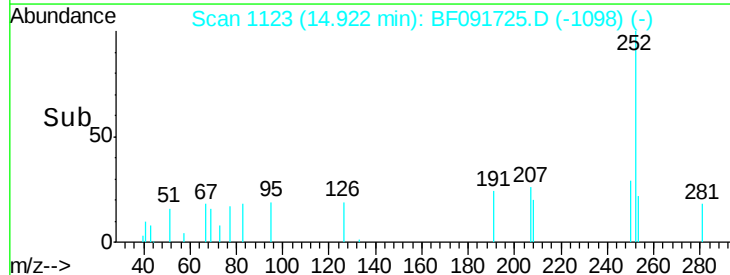
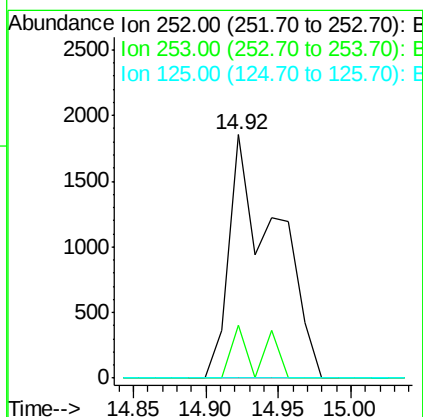
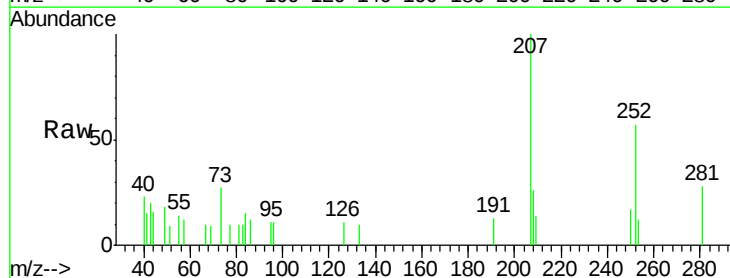
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.3	17.4	26.0

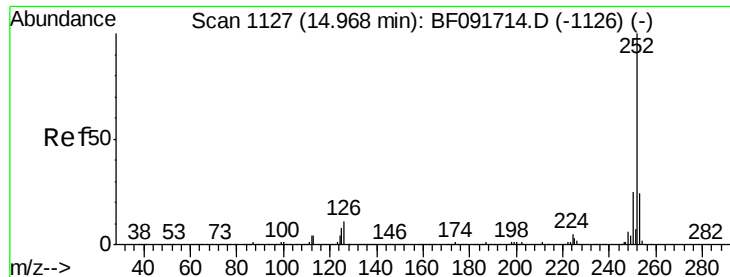


#87
Benzo(b)fluoranthene
Concen: 0.07 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF091725.D
Acq: 18 Dec 2016 2:07

Tgt Ion: 252 Resp: 4112

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	0.0	9.8	14.6#

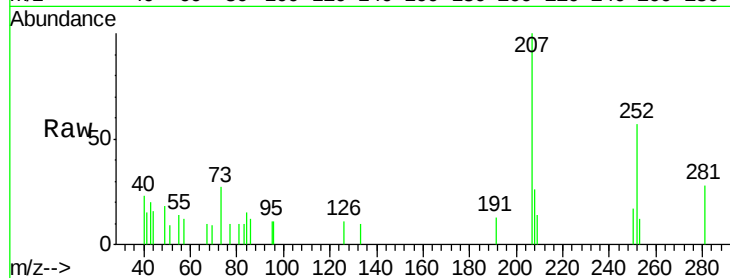




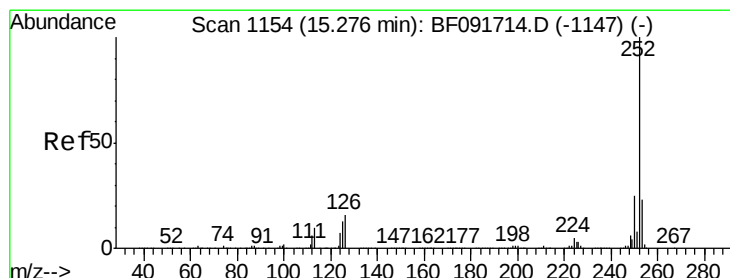
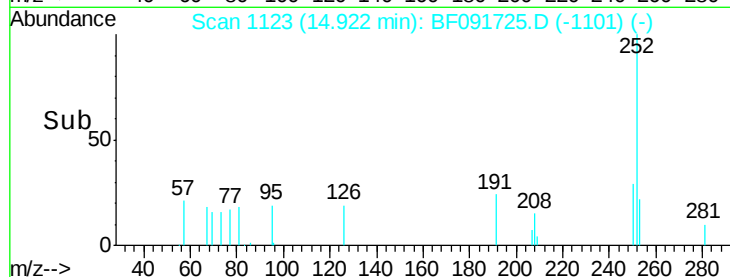
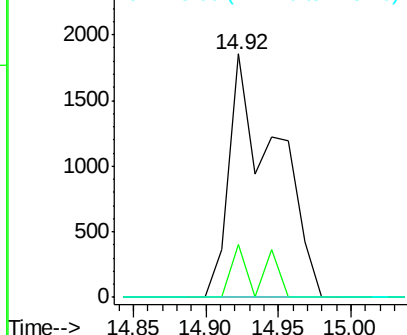
#88
Benzo(k)fluoranthene
Concen: 0.10 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.04 min
Lab File: BF091725.D
Acq: 18 Dec 2016 2:07

Instrument :
BNA_F
ClientSampleId :
PB95429BL

Tgt Ion:252 Resp: 4112
Ion Ratio Lower Upper
252 100
253 21.7 18.5 27.7
125 0.0 8.9 13.3#

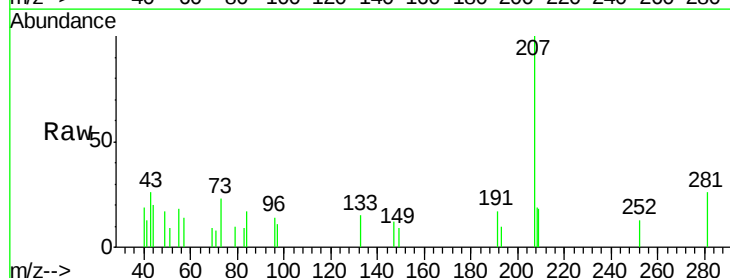


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 0.01 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF091725.D
Acq: 18 Dec 2016 2:07

Tgt Ion:252 Resp: 339
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.2#
125 0.0 10.0 15.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

