

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
 Data File : BF086833.D
 Acq On : 9 May 2016 21:07
 Operator : UM/SJ
 Sample : PB90347BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90374BL

Quant Time: May 10 02:05:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	151563	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	631576	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	316443	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	663020	20.00	ng	0.00
75) Chrysene-d12	13.83	240	567452	20.00	ng	-0.01
86) Perylene-d12	15.21	264	471008	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1169679	130.70	ng	0.01
7) Phenol-d6	6.35	99	1430599	119.61	ng	-0.01
23) Nitrobenzene-d5	7.26	82	1026239	81.59	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	439411	131.16	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1686806	89.59	ng	0.00
78) Terphenyl-d14	12.78	244	1741615	65.12	ng	-0.01

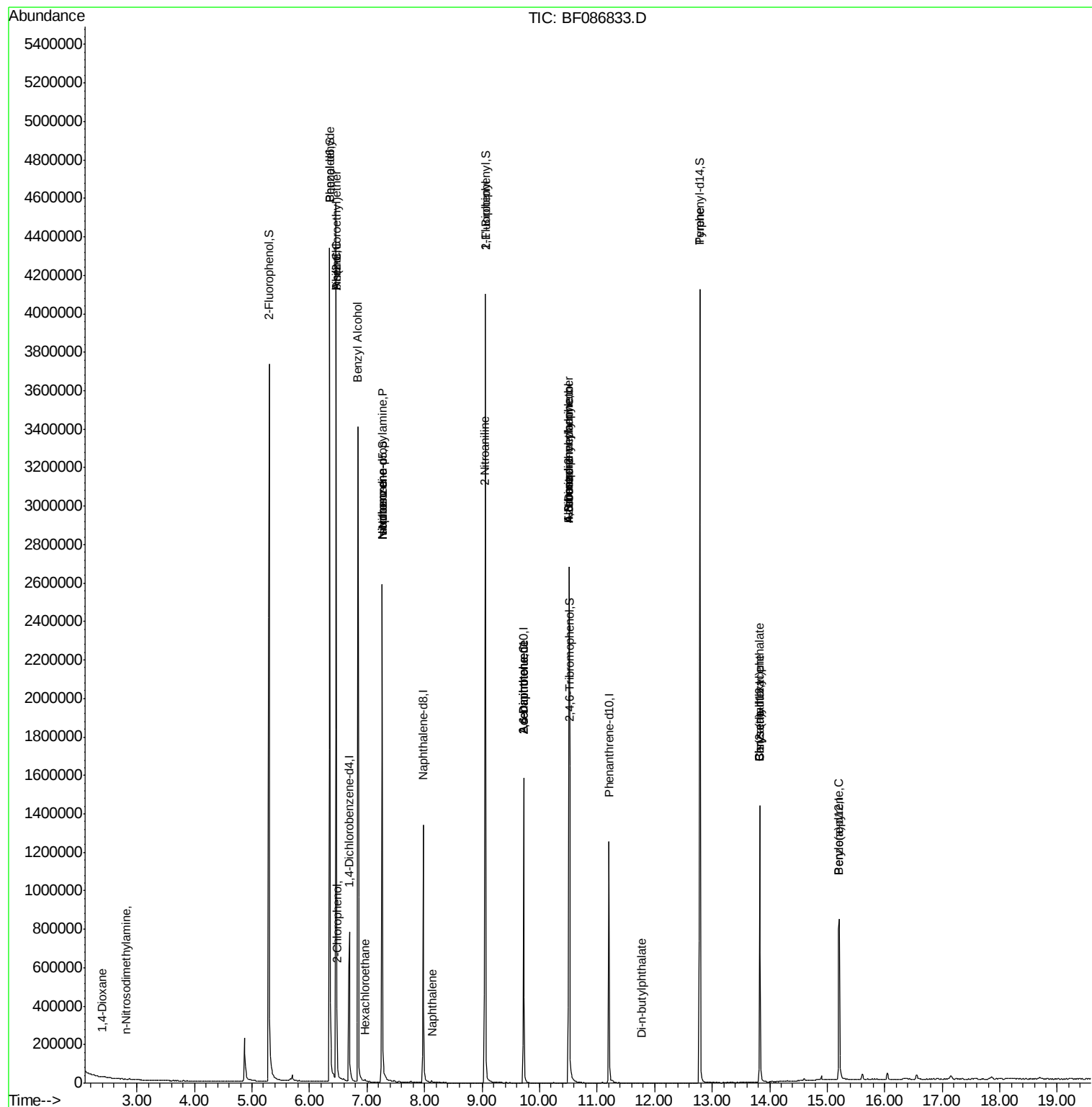
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.40	88	176	0.04	ng	# 22
4) n-Nitrosodimethylamine	2.82	42	256	0.03	ng	# 1
6) Aniline	6.46	93	1728	0.12	ng	# 1
8) 2-Chlorophenol	6.48	128	276	0.03	ng	# 1
9) Benzaldehyde	6.35	77	2076	0.30	ng	# 4
10) Phenol	6.46	94	2341	0.16	ng	# 1
11) bis(2-Chloroethyl)ether	6.46	93	1728	0.16	ng	# 1
15) Benzyl Alcohol	6.84	79	16369	1.98	ng	# 44
18) Hexachloroethane	6.97	117	559	0.12	ng	# 6
19) n-Nitroso-di-n-propylamine	7.26	70	141192	16.89	ng	# 76
24) Nitrobenzene	7.26	77	2954	0.23	ng	# 39
25) Isophorone	7.26	82	988588	42.36	ng	# 68
31) Naphthalene	8.13	128	894	0.03	ng	# 1
45) 1,1'-Biphenyl	9.06	154	3439	0.14	ng	# 1
47) 2-Nitroaniline	9.05	65	3518	0.49	ng	# 1
50) 2,6-Dinitrotoluene	9.72	165	40471	7.97	ng	# 21
51) Acenaphthene	9.72	154	1087	0.06	ng	# 5
56) 2,4-Dinitrotoluene	9.72	165	40473	6.44	ng	# 16
57) Fluorene	10.51	166	14819	0.75	ng	# 92
62) Azobenzene	10.51	77	2100	0.08	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.51	198	873	0.21	ng	# 1
65) n-Nitrosodiphenylamine	10.51	169	11440	0.56	ng	# 47
66) 4-Bromophenyl-phenylether	10.51	248	24438	3.64	ng	# 1
73) Di-n-butylphthalate	11.78	149	722	0.02	ng	# 78
77) Pyrene	12.78	202	6203	0.14	ng	# 72
80) Benzo(a)anthracene	13.83	228	1294	0.04	ng	# 67
82) Chrysene	13.83	228	1294	0.04	ng	# 63
83) Bis(2-ethylhexyl)phthalate	13.83	149	345	0.02	ng	# 52
89) Benzo(a)pyrene	15.21	252	1303	0.05	ng	# 67

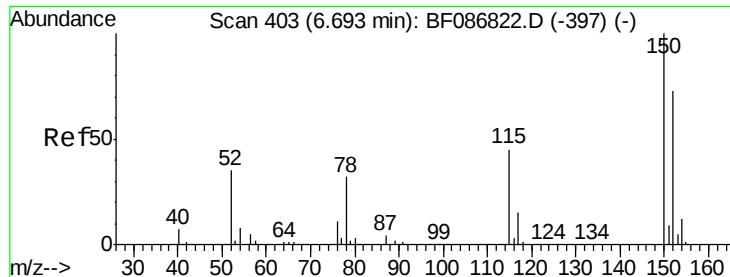
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 09 16:04:56 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

Instrument :

BNA_F

ClientSampleId :

PB90374BL

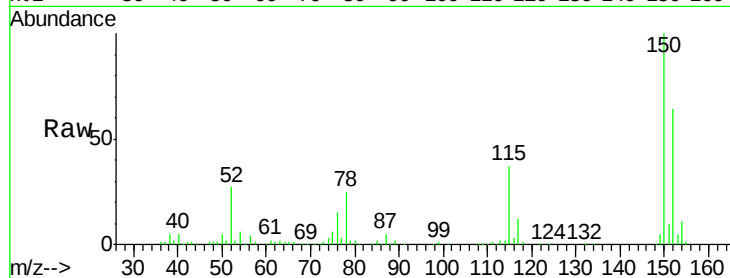
Tgt Ion:152 Resp: 151563

Ion Ratio Lower Upper

152 100

150 155.0 125.8 188.6

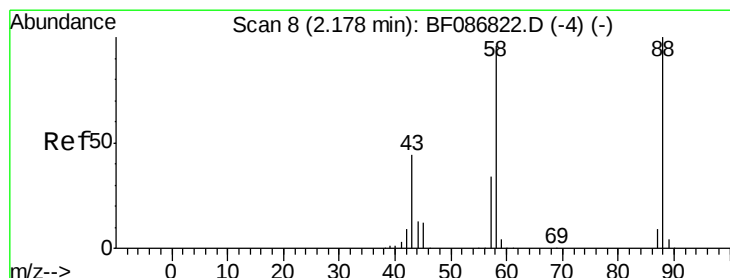
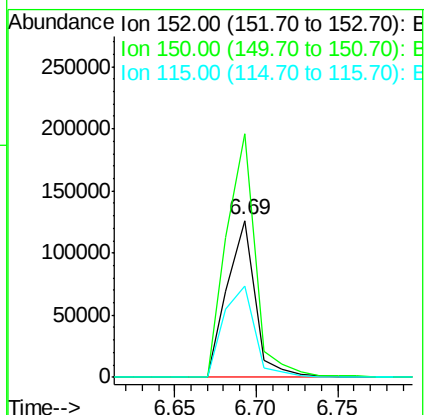
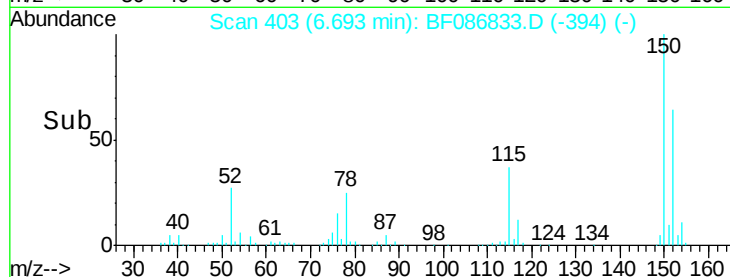
115 58.0 51.5 77.3



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: 0.04 ng

RT: 2.40 min Scan# 27

Delta R.T. 0.22 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

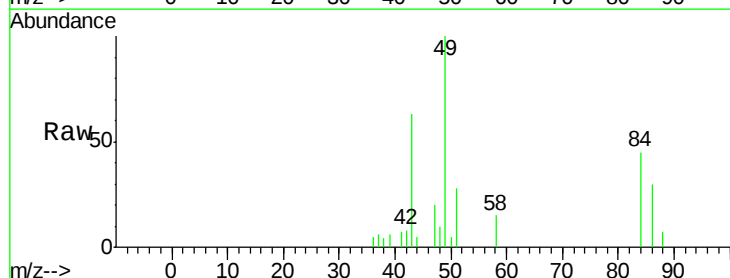
Tgt Ion: 88 Resp: 176

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

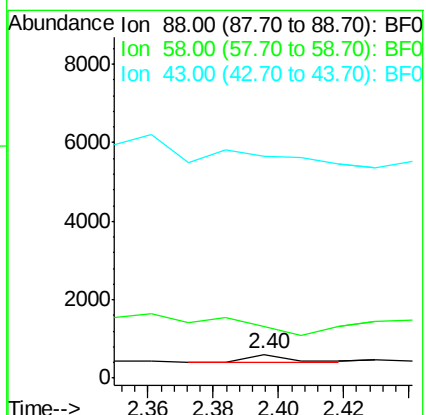
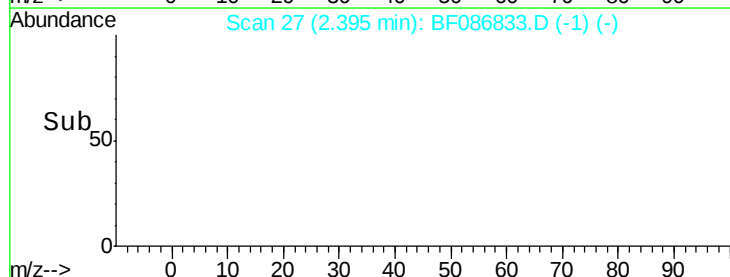
43 0.0 21.8 32.6#

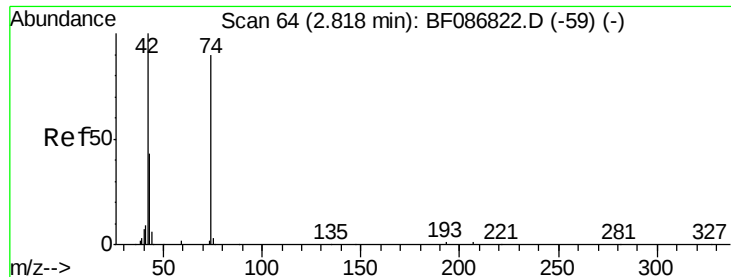


Abundance Ion 88.00 (87.70 to 88.70): BF0

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: 2.82 min Scan# 64

Delta R.T. -0.00 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

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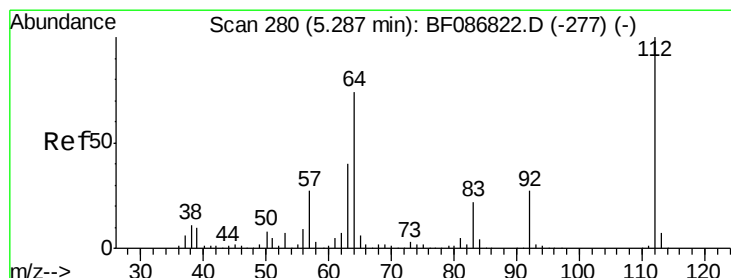
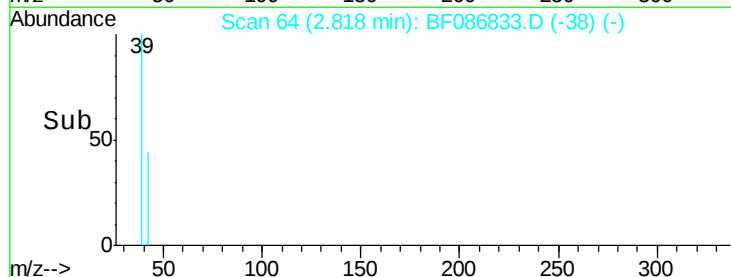
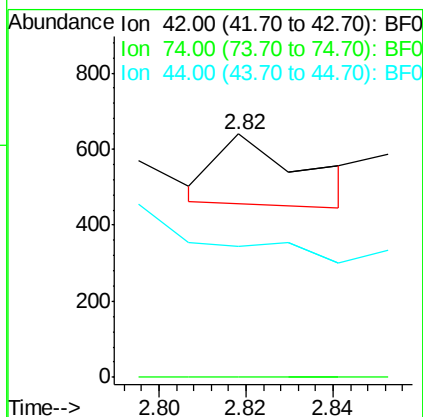
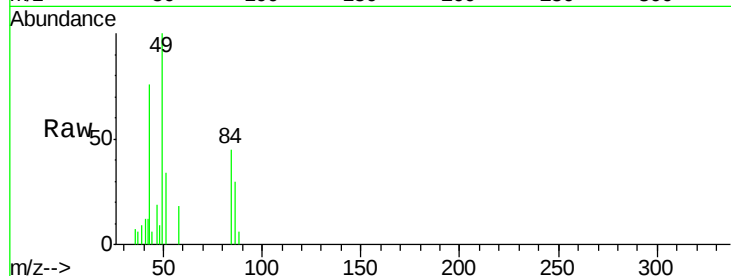
Tgt Ion: 42 Resp: 256

Ion Ratio Lower Upper

42 100

74 0.0 123.4 185.0#

44 53.8 5.8 8.6#



#5

2-Fluorophenol

Concen: 130.70 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

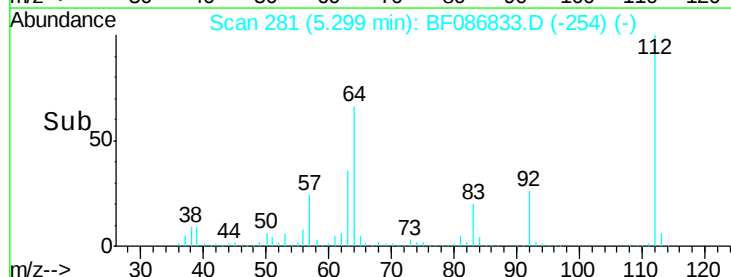
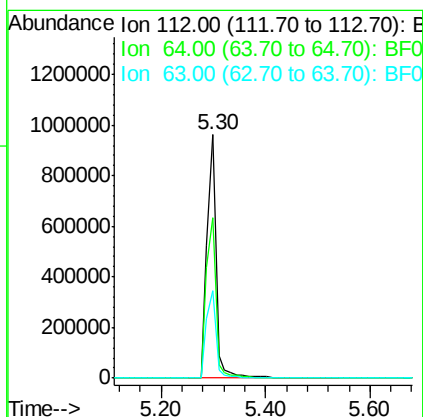
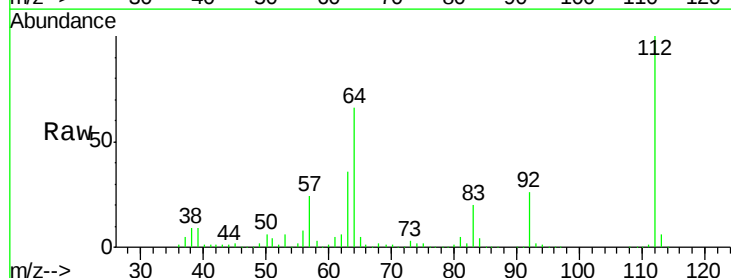
Tgt Ion: 112 Resp: 1169679

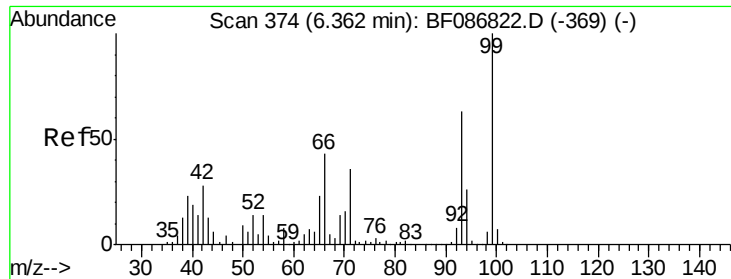
Ion Ratio Lower Upper

112 100

64 65.9 52.1 78.1

63 35.7 25.7 38.5





#6

Aniline

Concen: 0.12 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.10 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

Instrument :

BNA_F

ClientSampleID :

PB90374BL

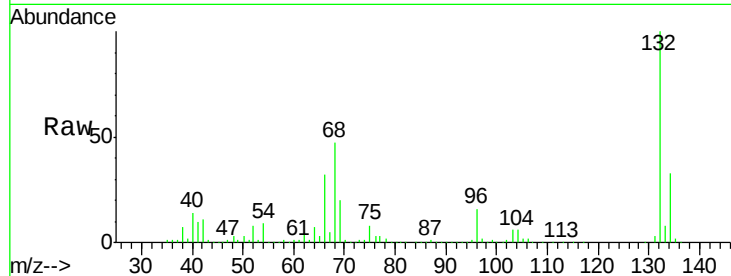
Tgt Ion: 93 Resp: 1728

Ion Ratio Lower Upper

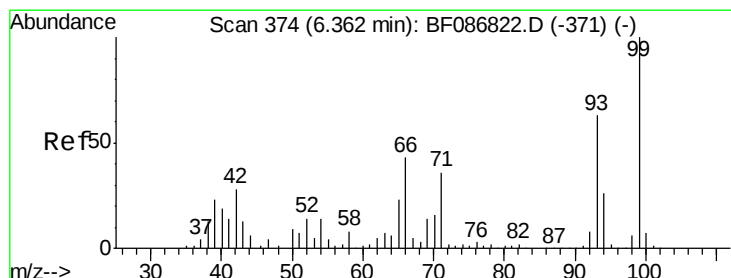
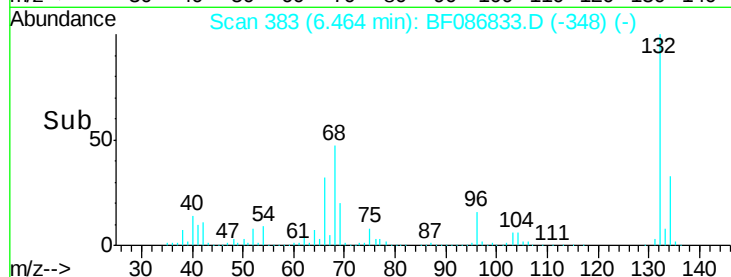
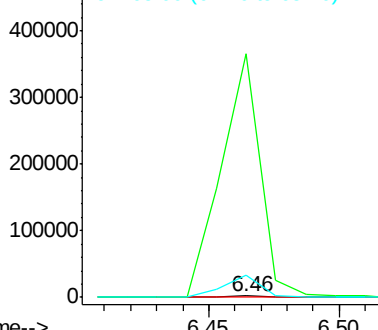
93 100

66 19193.3 39.0 58.6#

65 1707.6 20.6 31.0#



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: 119.61 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

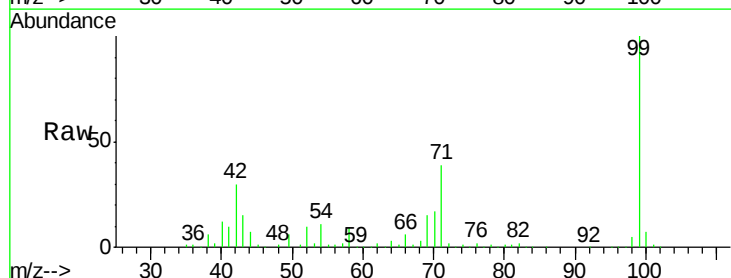
Tgt Ion: 99 Resp: 1430599

Ion Ratio Lower Upper

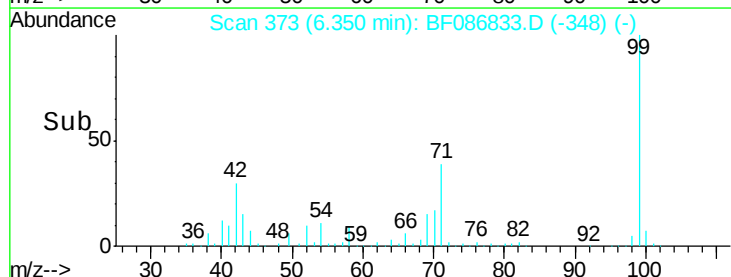
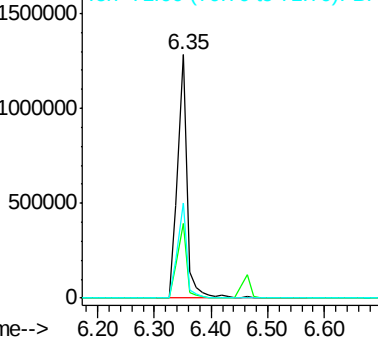
99 100

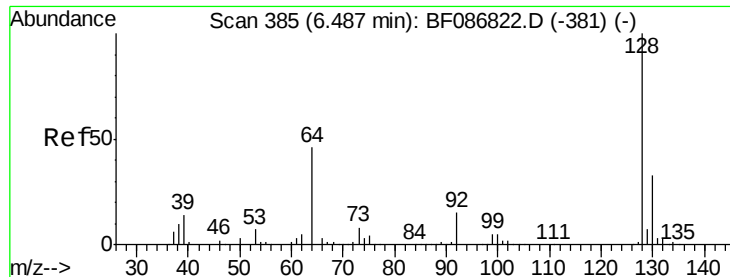
42 30.4 13.6 20.4#

71 39.3 24.6 36.8#



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: 0.03 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

Instrument :

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ClientSampleId :

PB90374BL

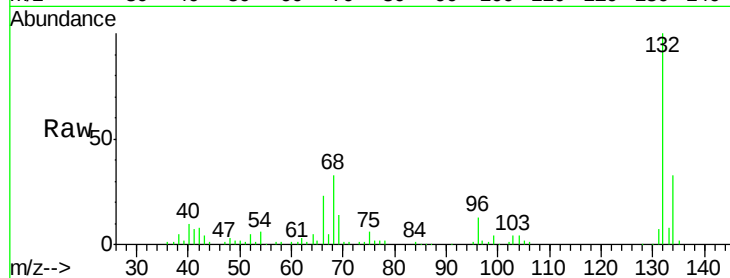
Tgt Ion: 128 Resp: 276

Ion Ratio Lower Upper

128 100

130 80.4 12.5 52.5#

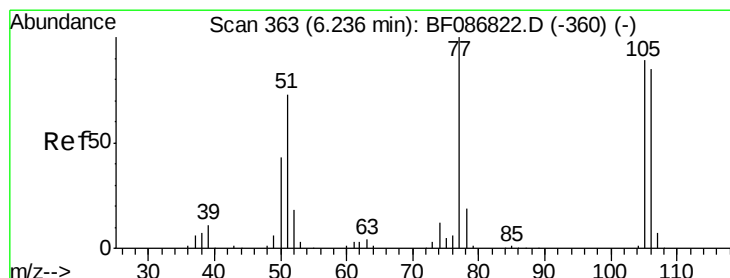
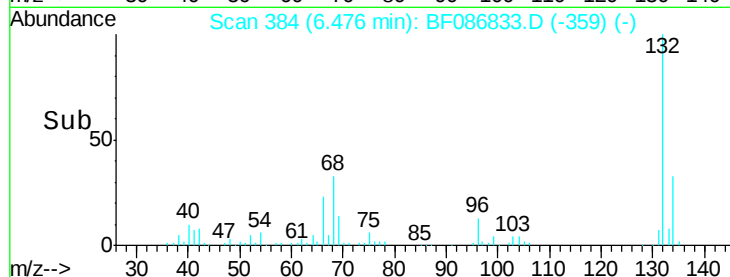
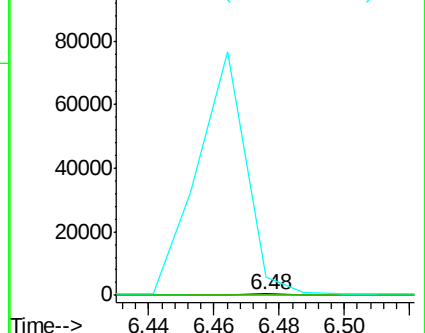
64 1401.0 27.3 67.3#



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: 0.30 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.11 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

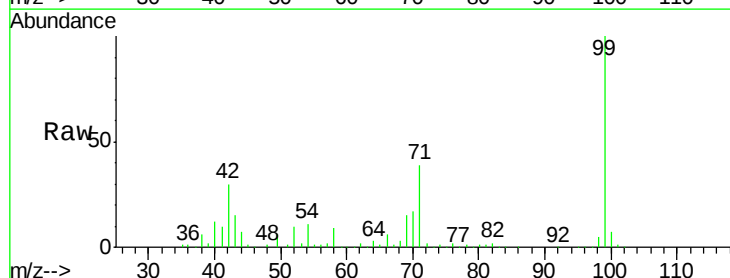
Tgt Ion: 77 Resp: 2076

Ion Ratio Lower Upper

77 100

105 0.0 72.7 112.7#

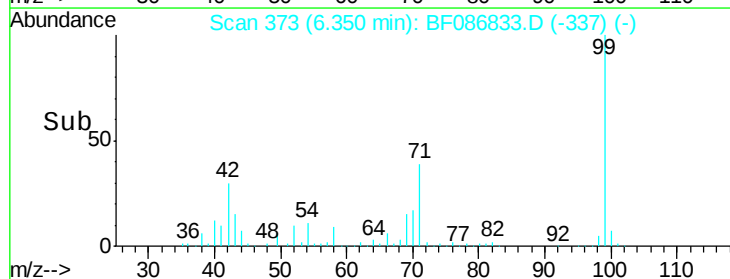
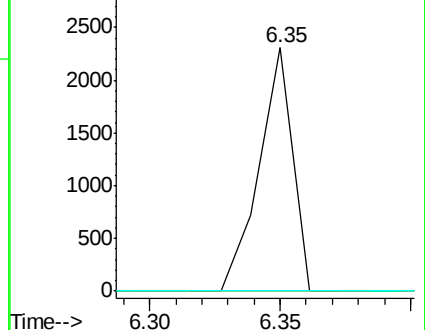
106 0.0 70.8 110.8#

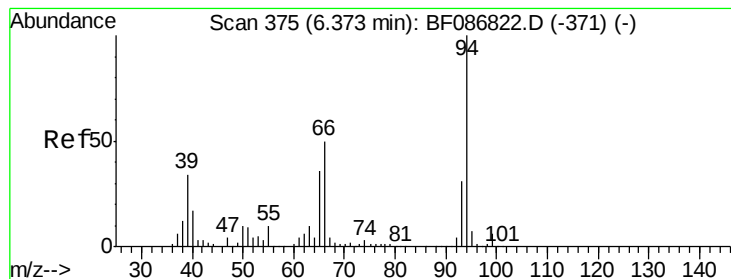


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.16 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.09 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

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PB90374BL

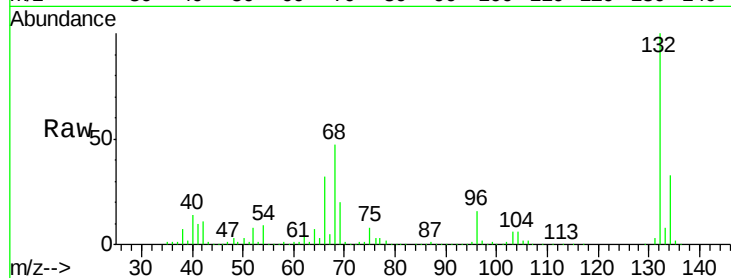
Tgt Ion: 94 Resp: 2341

Ion Ratio Lower Upper

94 100

65 1330.7 7.2 47.2#

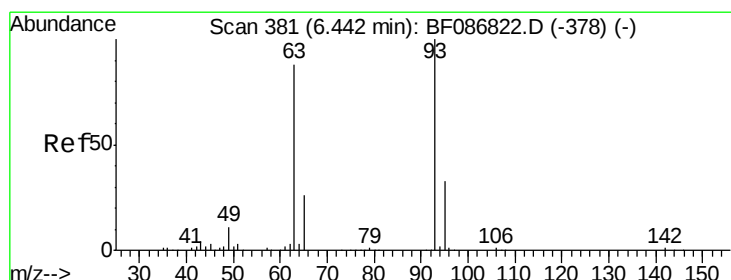
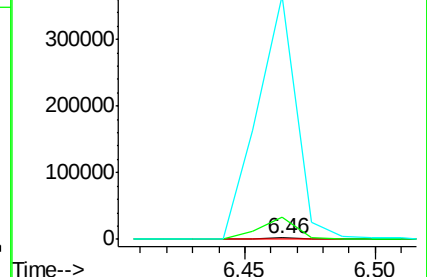
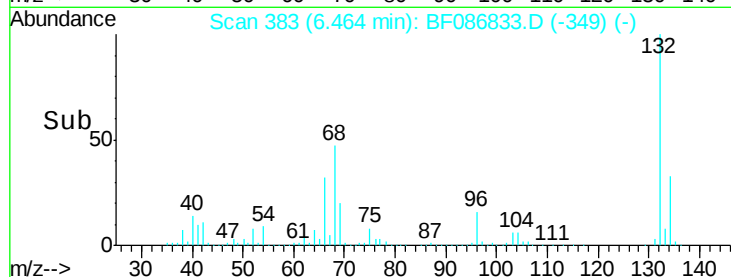
66 14956.9 14.9 54.9#



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: 6.46 min Scan# 383

Delta R.T. 0.02 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

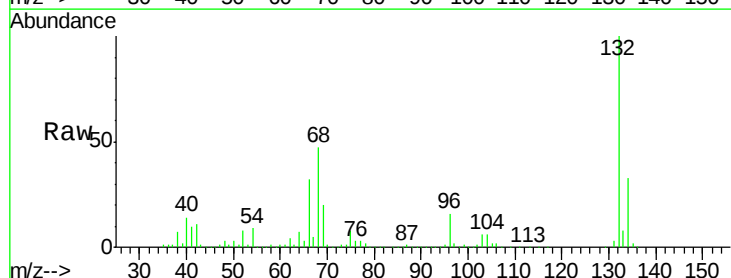
Tgt Ion: 93 Resp: 1728

Ion Ratio Lower Upper

93 100

63 840.4 58.0 98.0#

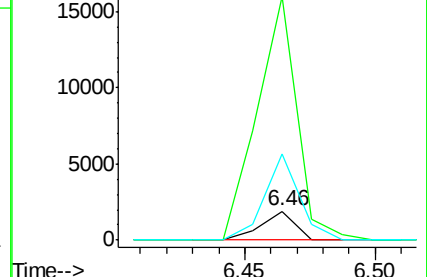
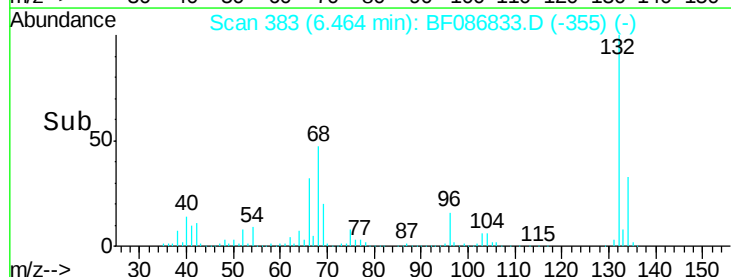
95 297.9 11.9 51.9#

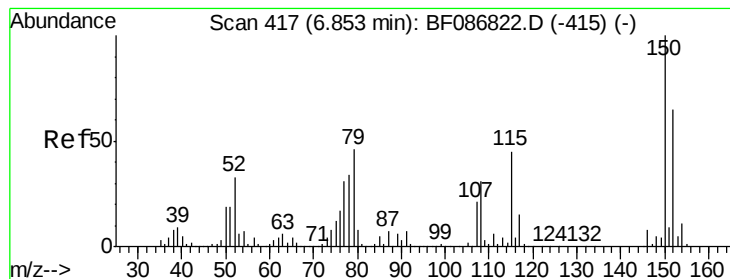


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#15

Benzyl Alcohol

Concen: 1.98 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

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PB90374BL

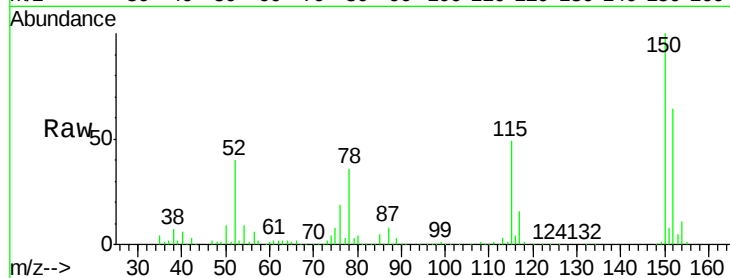
Tgt Ion: 79 Resp: 16369

Ion Ratio Lower Upper

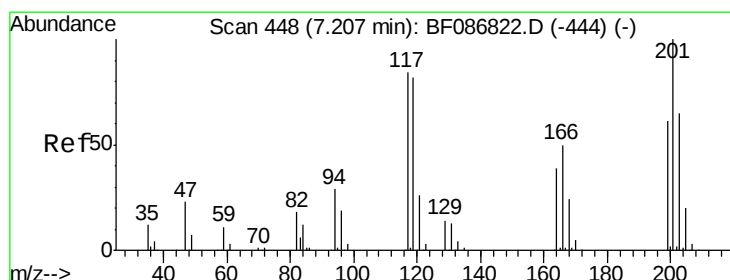
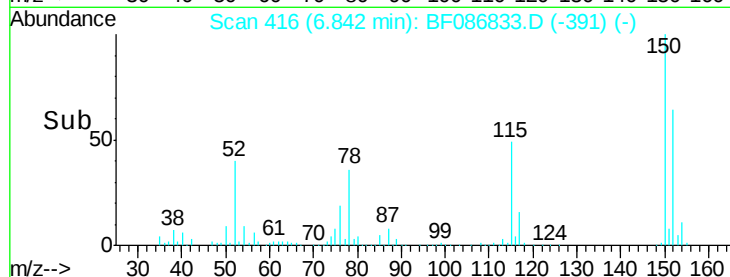
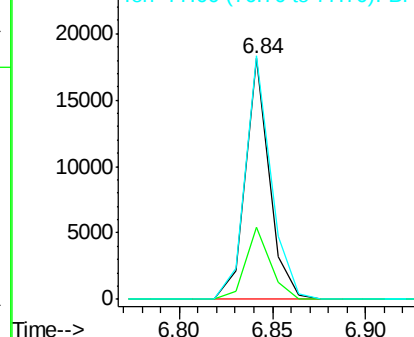
79 100

108 29.9 68.4 102.6#

77 101.1 50.6 76.0#



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



#18

Hexachloroethane

Concen: 0.12 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.24 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

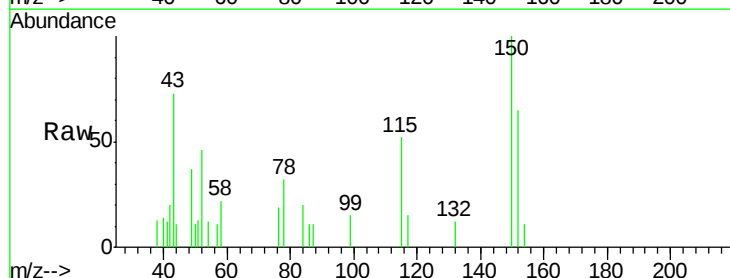
Tgt Ion: 117 Resp: 559

Ion Ratio Lower Upper

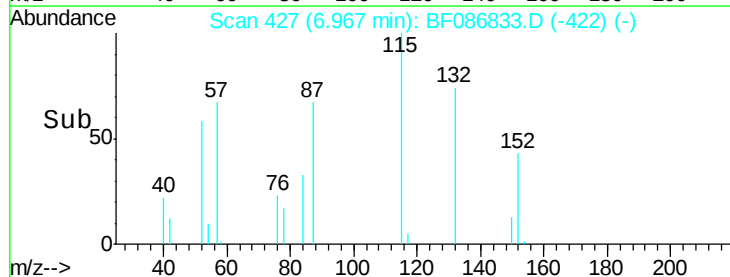
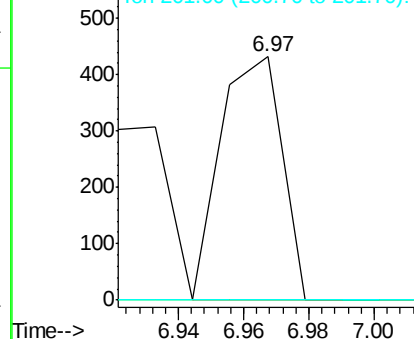
117 100

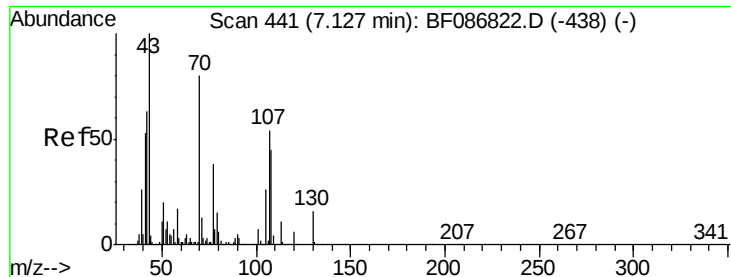
119 0.0 76.5 114.7#

201 0.0 63.0 94.6#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

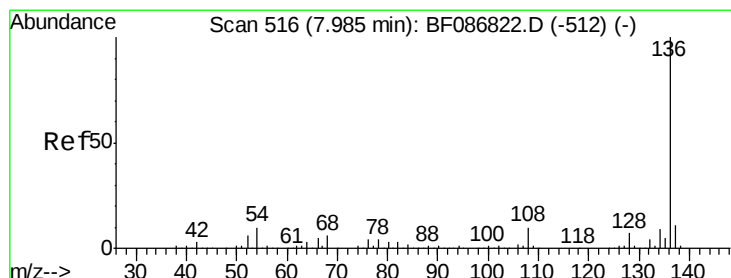
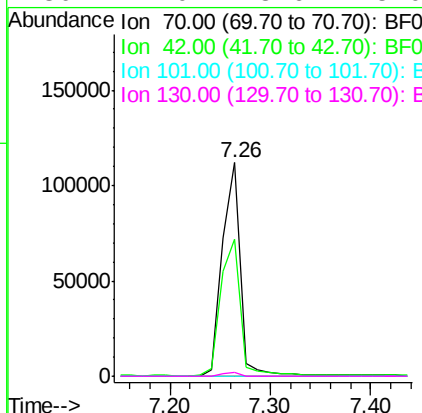
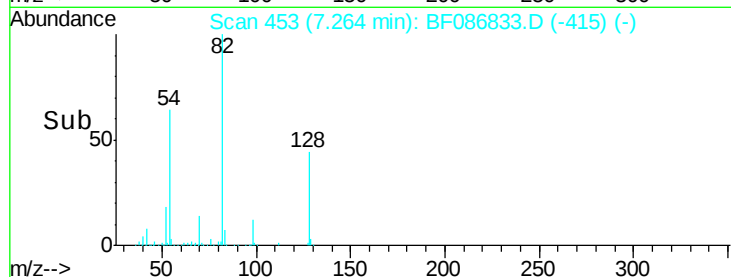
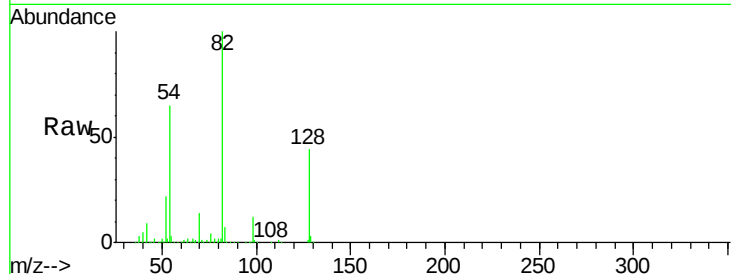




#19
n-Nitroso-di-n-propylamine
Concen: 16.89 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.14 min
Lab File: BF086833.D
Acq: 9 May 2016 21:07

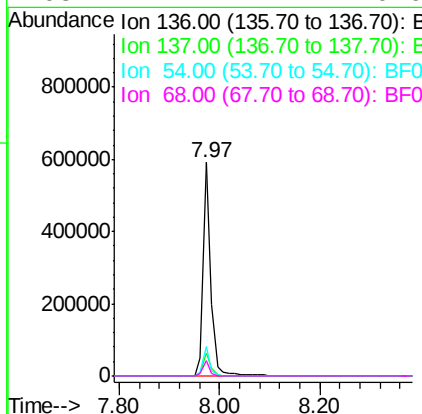
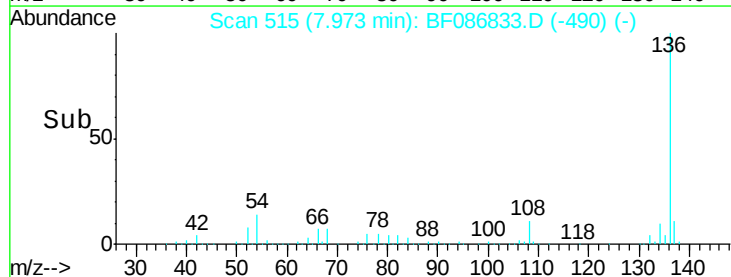
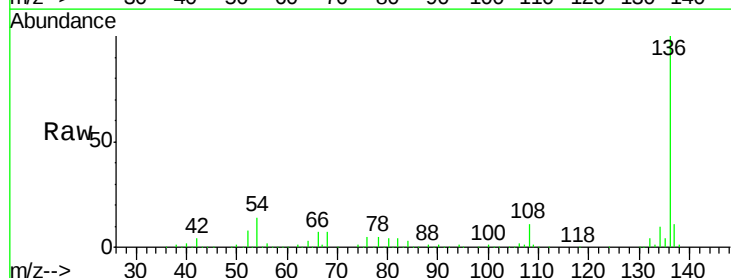
Instrument :
BNA_F
ClientSampleId :
PB90374BL

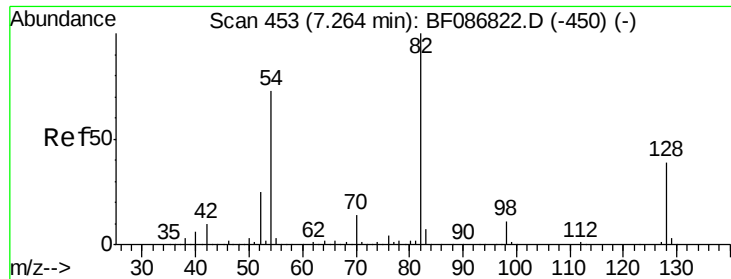
Tgt Ion: 70 Resp: 141192
Ion Ratio Lower Upper
70 100
42 64.0 43.1 64.7
101 0.0 8.1 12.1#
130 2.0 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086833.D
Acq: 9 May 2016 21:07

Tgt Ion: 136 Resp: 631576
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 13.8 5.0 7.4#
68 7.4 4.4 6.6#

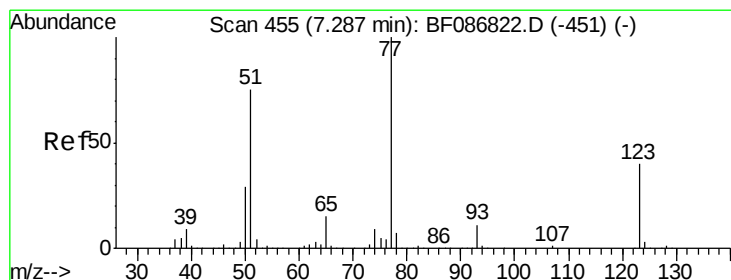
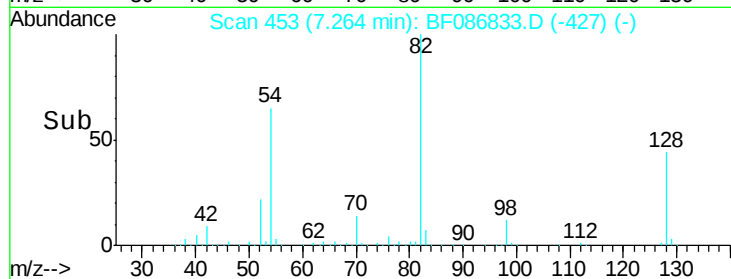
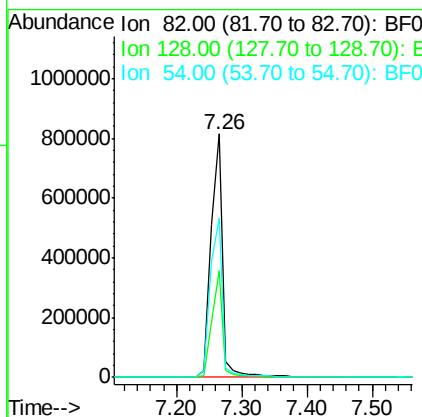
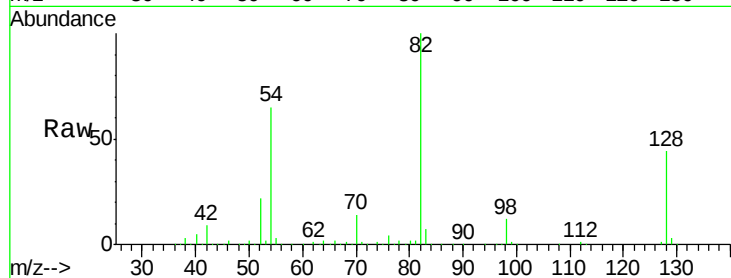




#23
 Nitrobenzene-d5
 Concen: 81.59 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF086833.D
 Acq: 9 May 2016 21:07

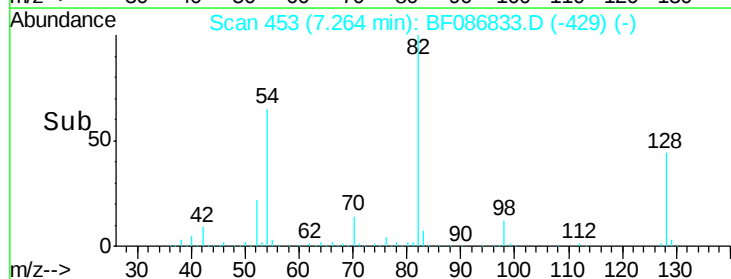
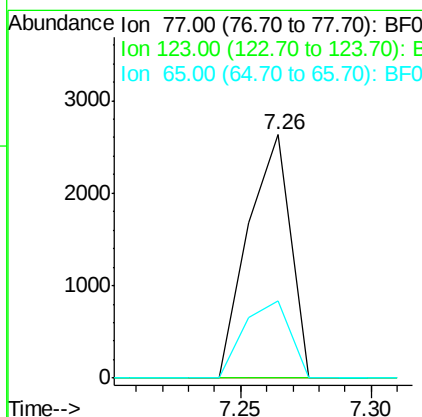
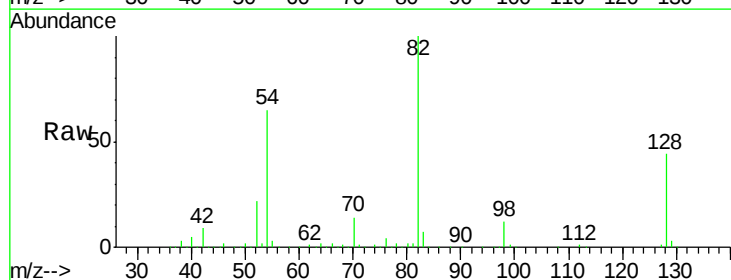
Instrument :
 BNA_F
 ClientSampleId :
 PB90374BL

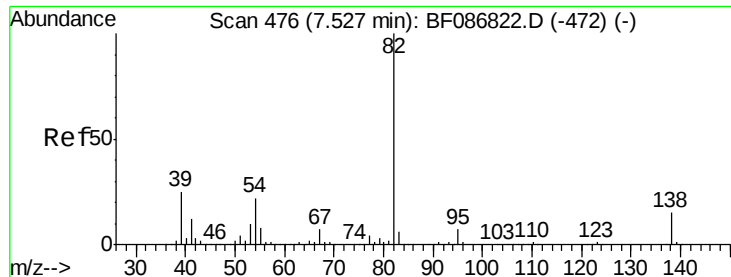
Tgt Ion: 82 Resp: 1026239
 Ion Ratio Lower Upper
 82 100
 128 43.8 40.6 61.0
 54 65.1 38.1 57.1#



#24
 Nitrobenzene
 Concen: 0.23 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF086833.D
 Acq: 9 May 2016 21:07

Tgt Ion: 77 Resp: 2954
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.4#
 65 31.6 10.8 16.2#





#25

Isophorone

Concen: 42.36 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.26 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

Instrument :

BNA_F

ClientSampleId :

PB90374BL

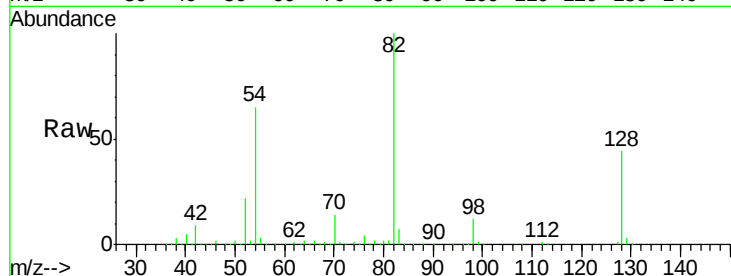
Tgt Ion: 82 Resp: 988588

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

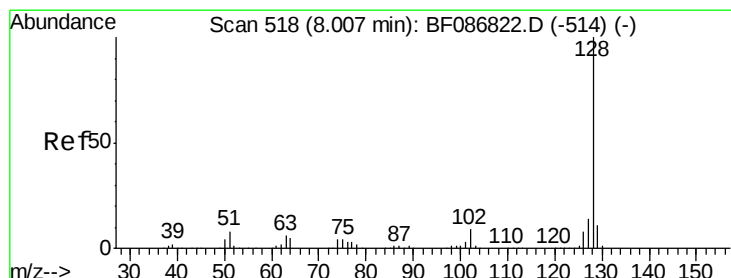
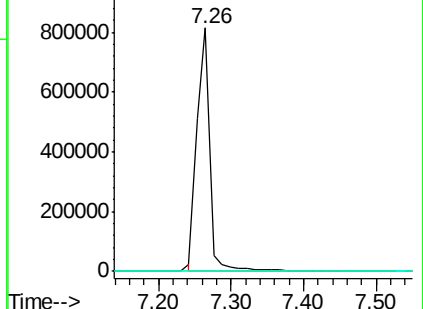
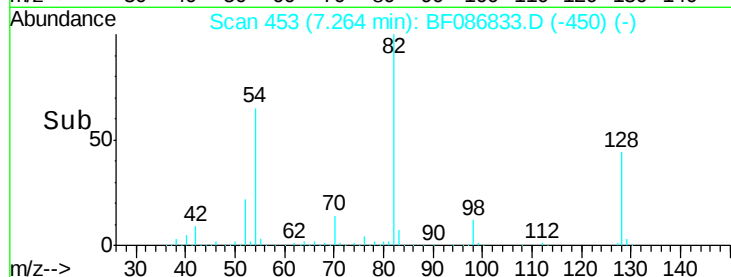
138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 0.03 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.13 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

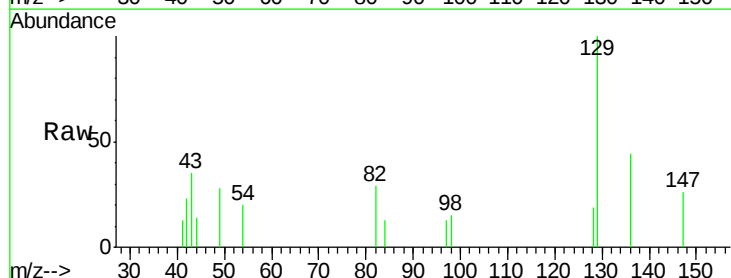
Tgt Ion: 128 Resp: 894

Ion Ratio Lower Upper

128 100

129 519.8 8.6 13.0#

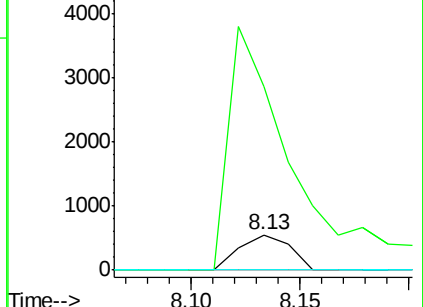
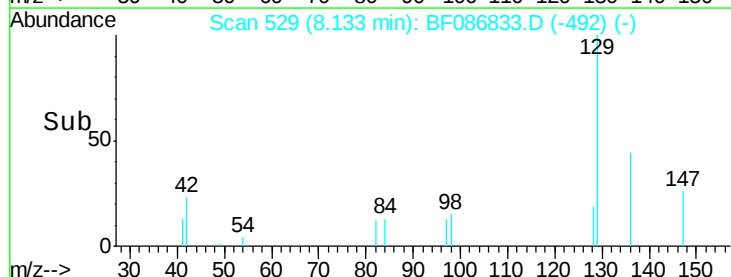
127 0.0 10.8 16.2#

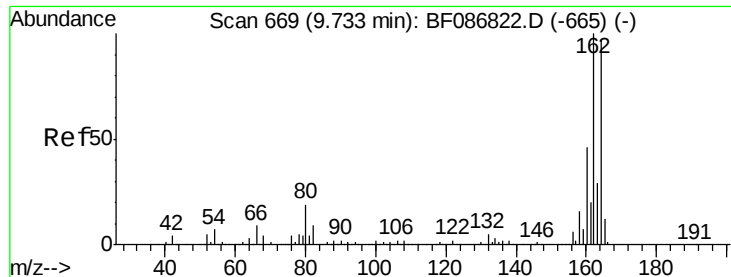


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

Instrument :

BNA_F

ClientSampleId :

PB90374BL

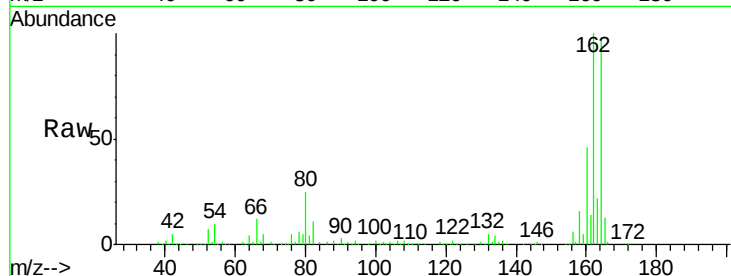
Tgt Ion:164 Resp: 316443

Ion Ratio Lower Upper

164 100

162 102.6 82.8 124.2

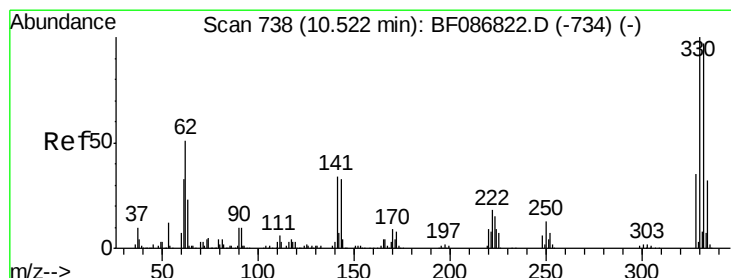
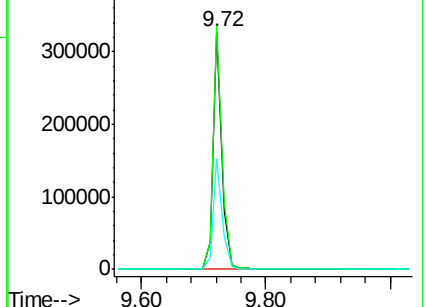
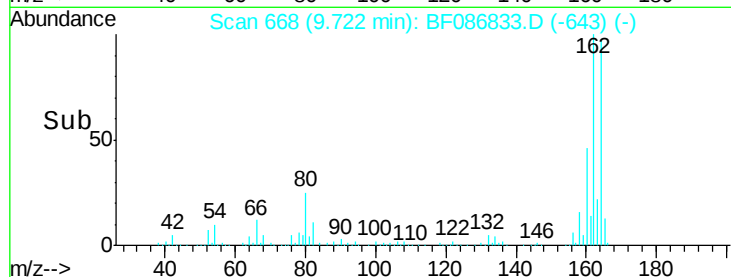
160 46.8 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 131.16 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

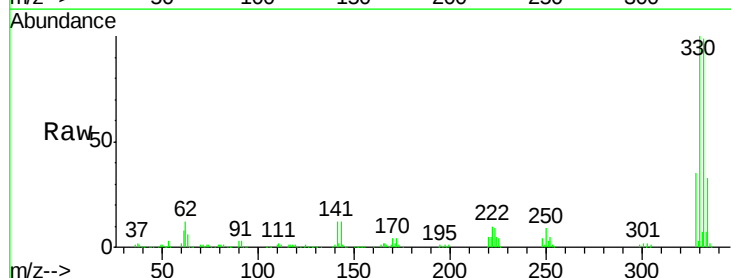
Tgt Ion:330 Resp: 439411

Ion Ratio Lower Upper

330 100

332 97.3 79.0 118.4

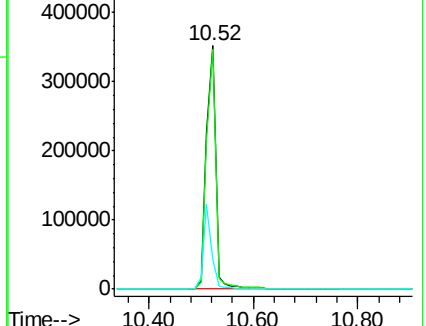
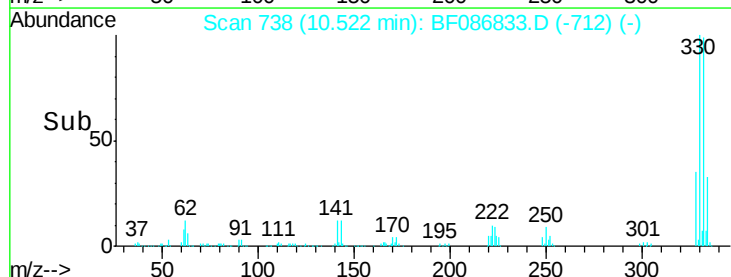
141 31.3 31.2 46.8

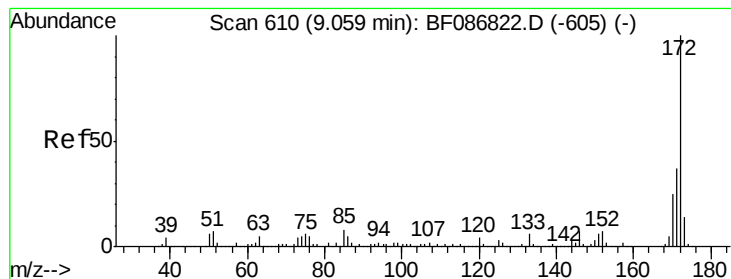


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 89.59 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

Instrument :

BNA_F

ClientSampleId :

PB90374BL

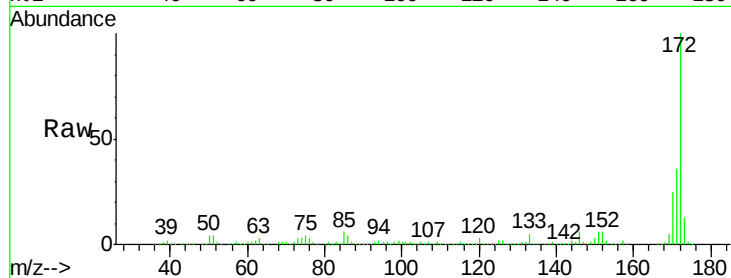
Tgt Ion:172 Resp: 1686806

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

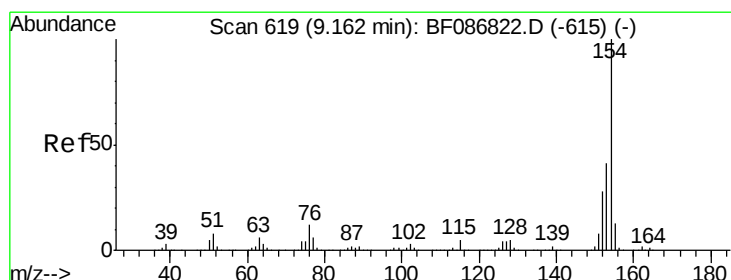
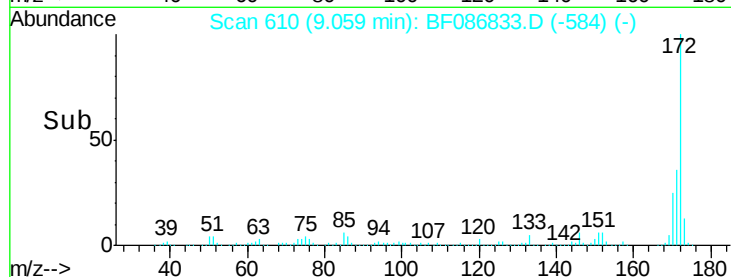
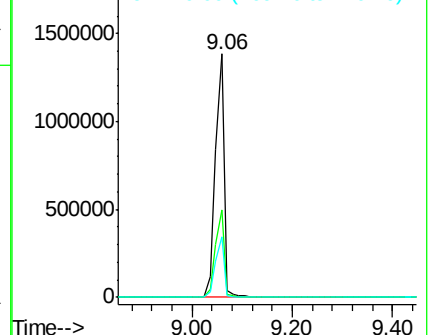
170 24.7 19.8 29.8



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: 9.06 min Scan# 610

Delta R.T. -0.10 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

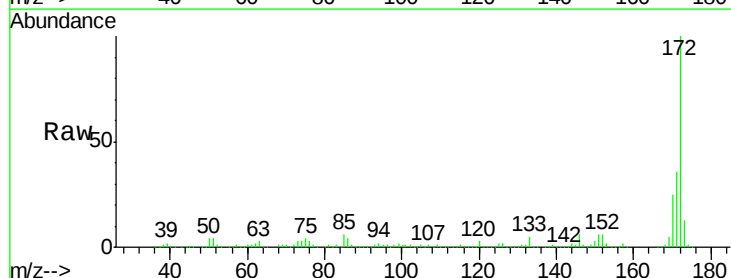
Tgt Ion:154 Resp: 3439

Ion Ratio Lower Upper

154 100

153 945.2 20.3 60.3#

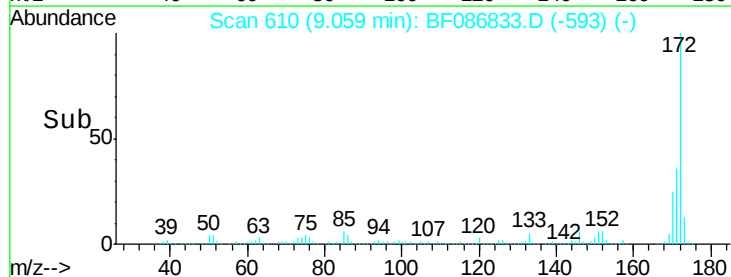
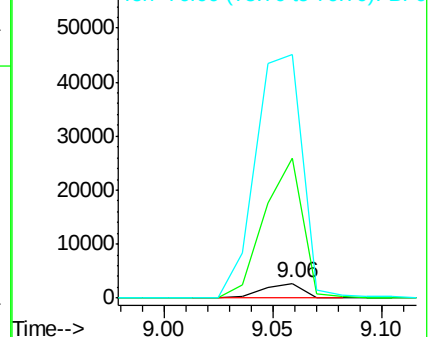
76 1640.2 0.0 30.2#

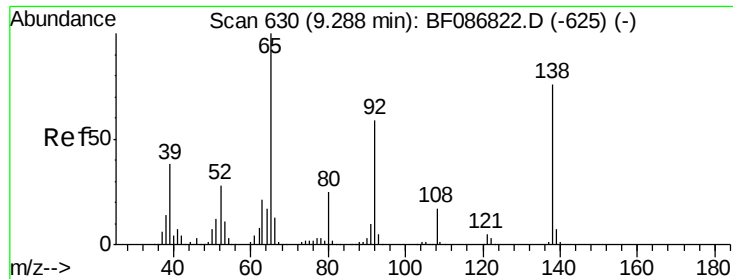


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

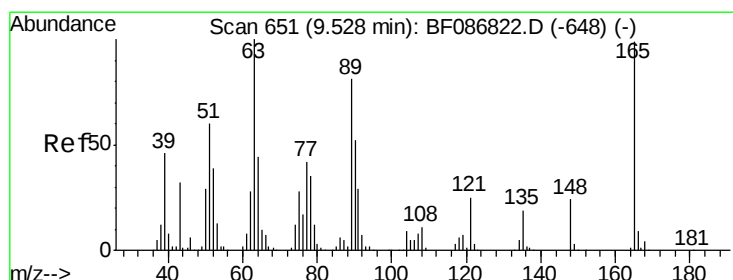
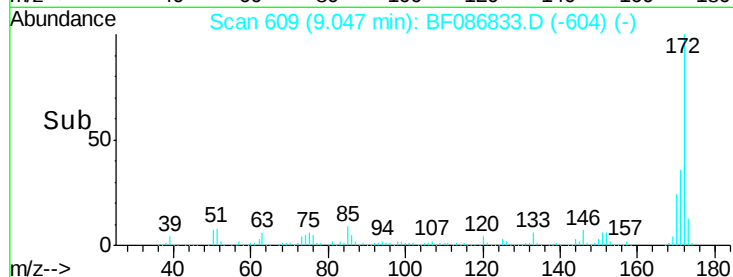
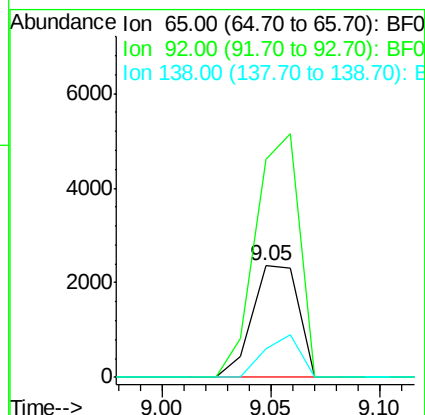
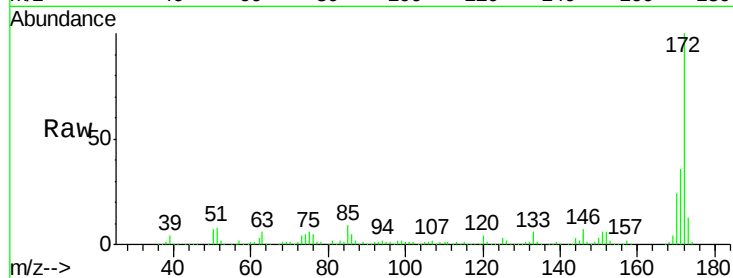




#47
2-Nitroaniline
Concen: 0.49 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.24 min
Lab File: BF086833.D
Acq: 9 May 2016 21:07

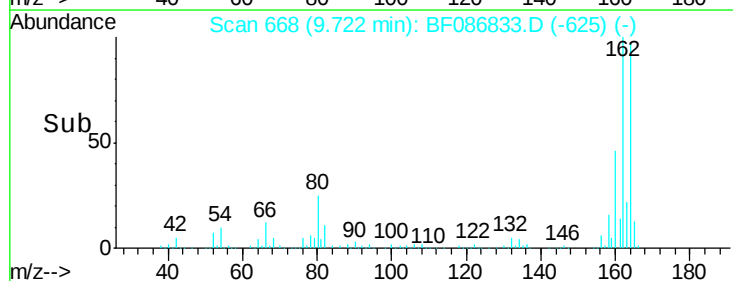
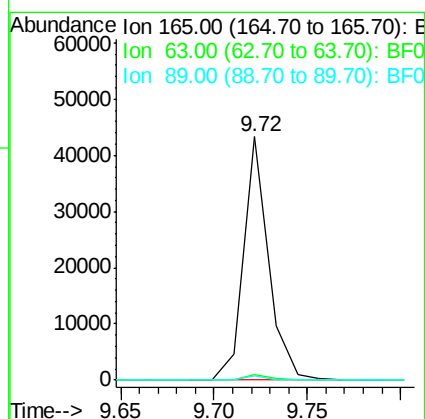
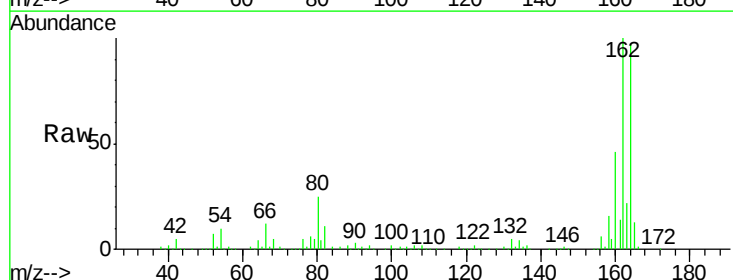
Instrument :
BNA_F
ClientSampleId :
PB90374BL

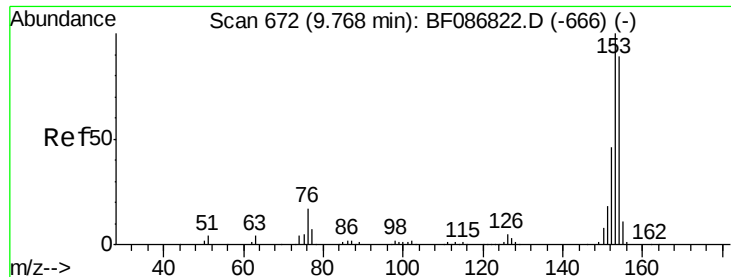
Tgt Ion: 65 Resp: 3518
Ion Ratio Lower Upper
65 100
92 194.6 57.4 86.2#
138 25.4 90.1 135.1#



#50
2,6-Dinitrotoluene
Concen: 7.97 ng
RT: 9.72 min Scan# 668
Delta R.T. 0.19 min
Lab File: BF086833.D
Acq: 9 May 2016 21:07

Tgt Ion: 165 Resp: 40471
Ion Ratio Lower Upper
165 100
63 2.1 51.8 77.8#
89 1.9 50.7 76.1#





#51

Acenaphthene

Concen: 0.06 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.05 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

Instrument :

BNA_F

ClientSampleId :

PB90374BL

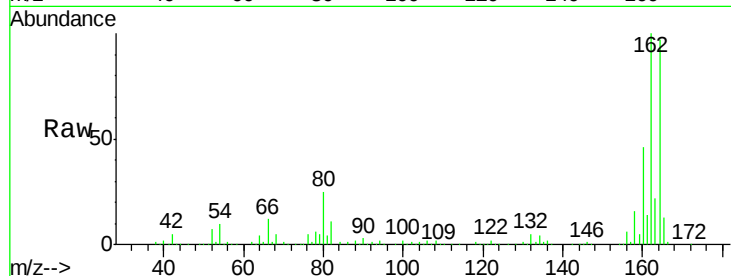
Tgt Ion:154 Resp: 1087

Ion Ratio Lower Upper

154 100

153 0.0 89.8 134.6#

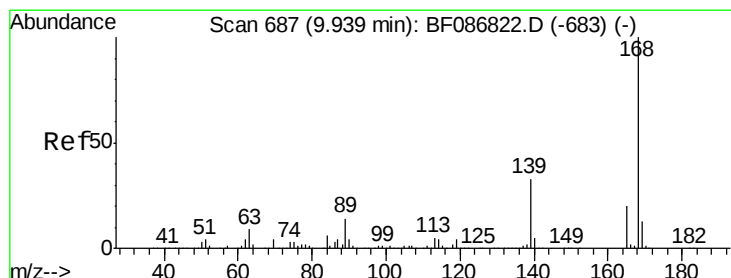
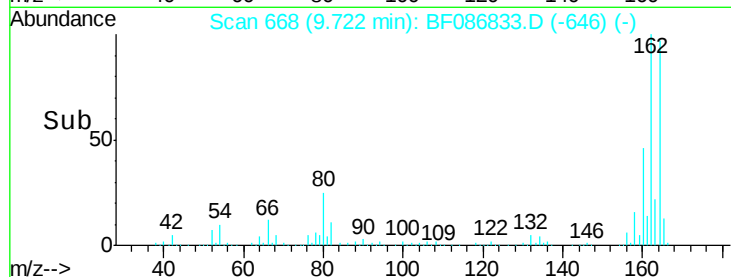
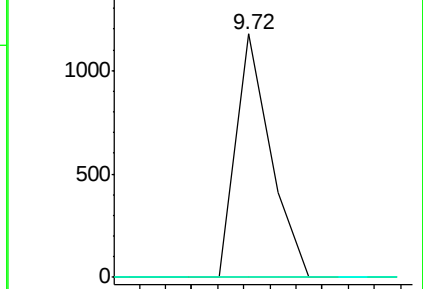
152 0.0 43.4 65.0#



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: 9.72 min Scan# 668

Delta R.T. -0.22 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

Tgt Ion:165 Resp: 40473

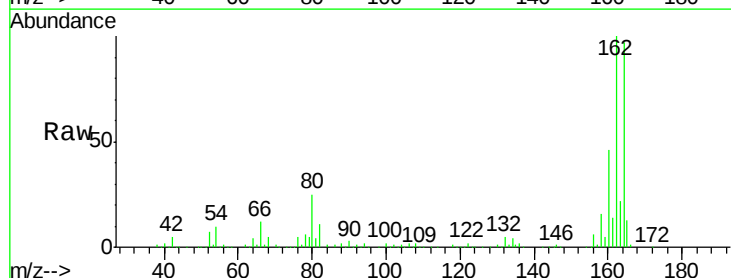
Ion Ratio Lower Upper

165 100

63 2.1 44.3 66.5#

89 1.9 70.0 105.0#

182 0.0 1.8 2.6#

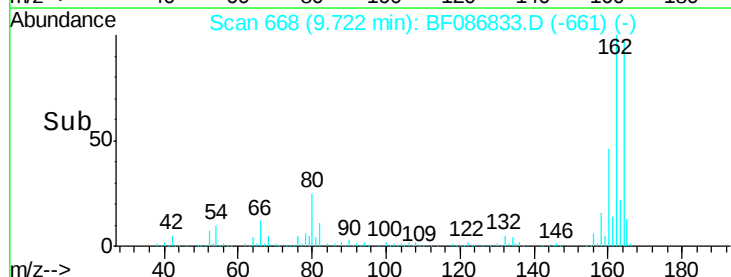
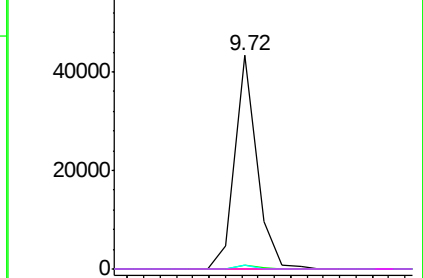


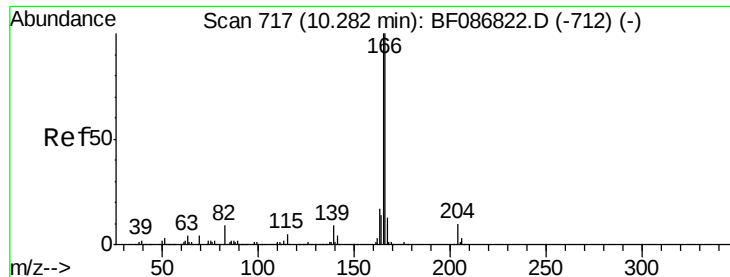
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.75 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.23 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

Instrument :

BNA_F

ClientSampleId :

PB90374BL

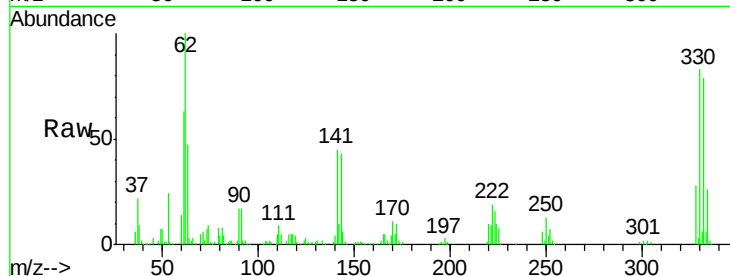
Tgt Ion: 166 Resp: 14819

Ion Ratio Lower Upper

166 100

165 100.5 79.0 118.6

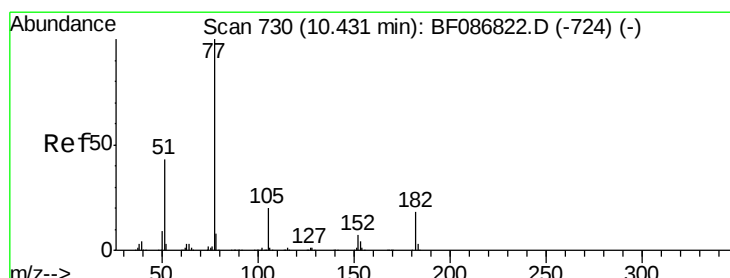
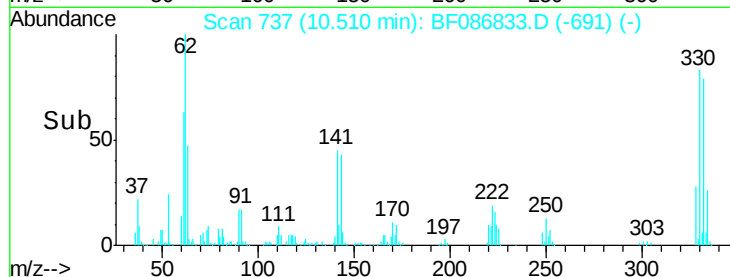
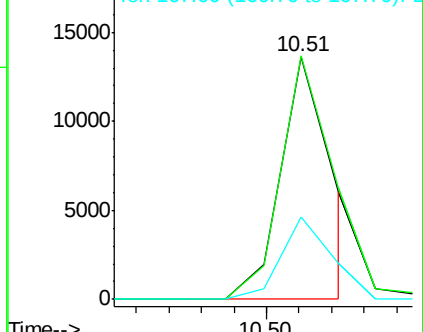
167 33.7 10.6 15.8#



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: 0.08 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.08 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

Tgt Ion: 77 Resp: 2100

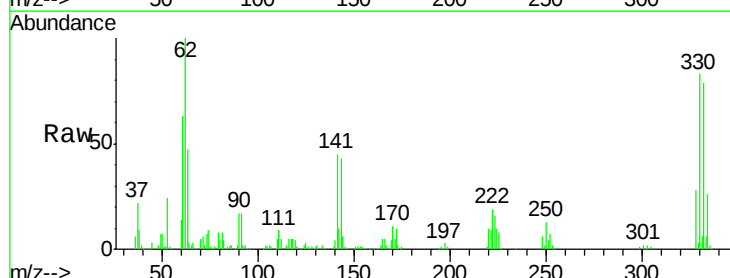
Ion Ratio Lower Upper

77 100

182 0.0 0.0 38.8

105 93.9 3.2 43.2#

51 139.0 8.8 48.8#

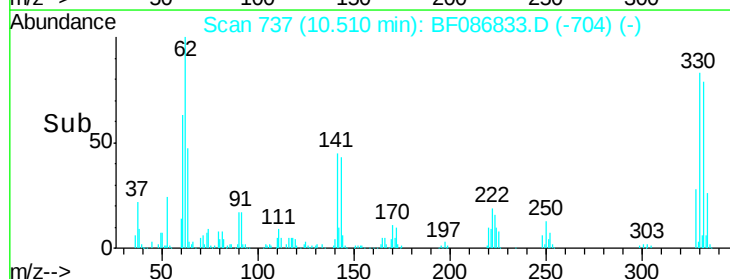
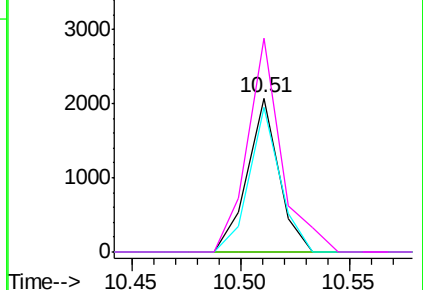


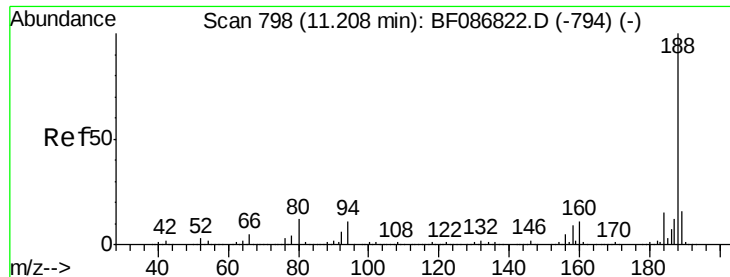
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

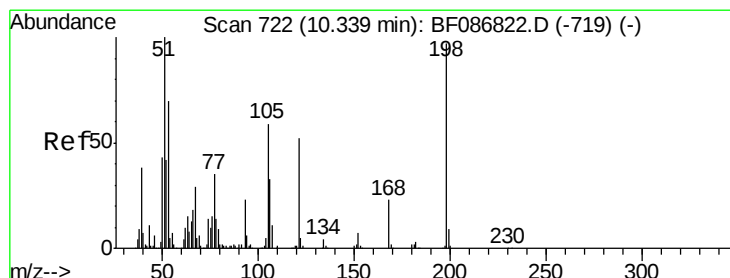
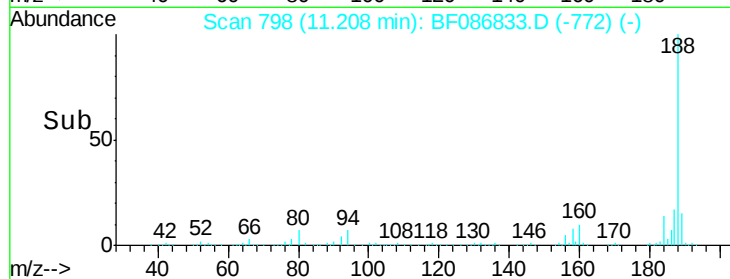
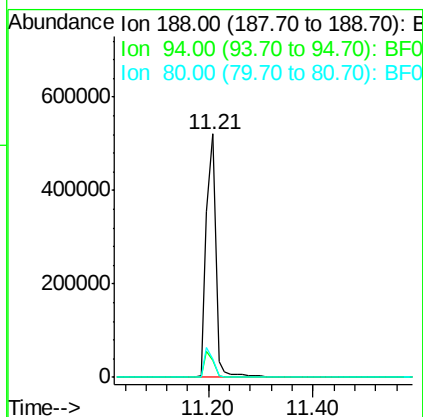
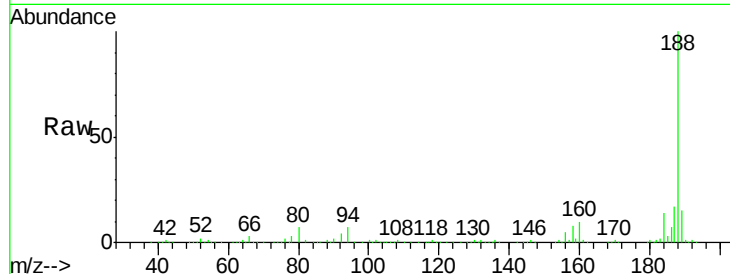




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF086833.D
 Acq: 9 May 2016 21:07

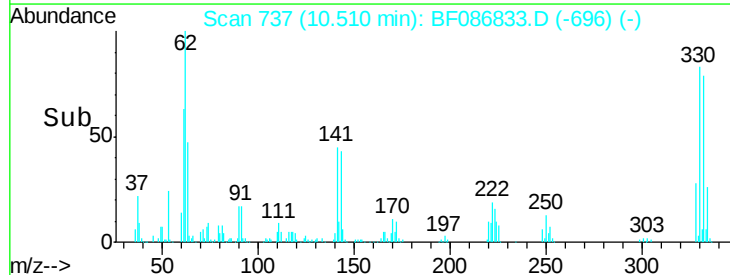
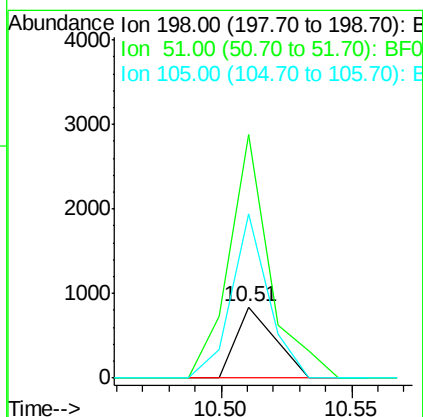
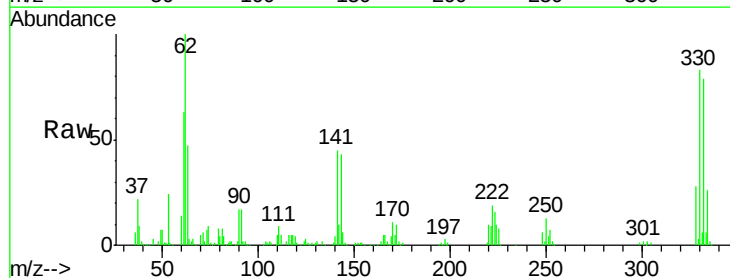
Instrument :
 BNA_F
 ClientSampleId :
 PB90374BL

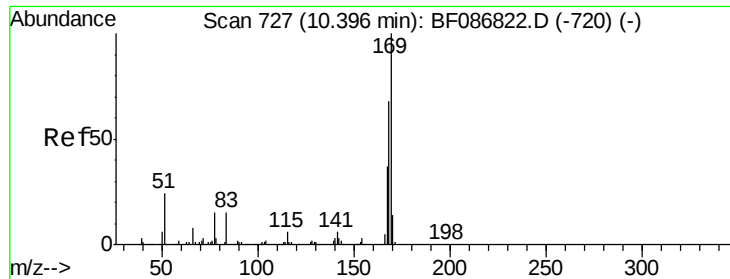
Tgt Ion:188 Resp: 663020
 Ion Ratio Lower Upper
 188 100
 94 7.2 6.8 10.2
 80 7.5 7.1 10.7



#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.21 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.17 min
 Lab File: BF086833.D
 Acq: 9 May 2016 21:07

Tgt Ion:198 Resp: 873
 Ion Ratio Lower Upper
 198 100
 51 343.1 20.5 60.5#
 105 231.8 24.5 64.5#





#65

n-Nitrosodiphenylamine

Concen: 0.56 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.11 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

Instrument :

BNA_F

ClientSampleId :

PB90374BL

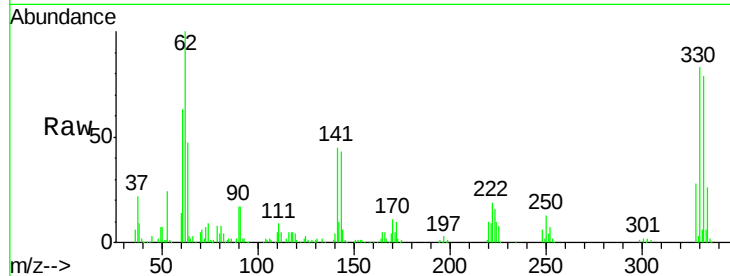
Tgt Ion:169 Resp: 11440

Ion Ratio Lower Upper

169 100

168 6.3 53.8 80.6#

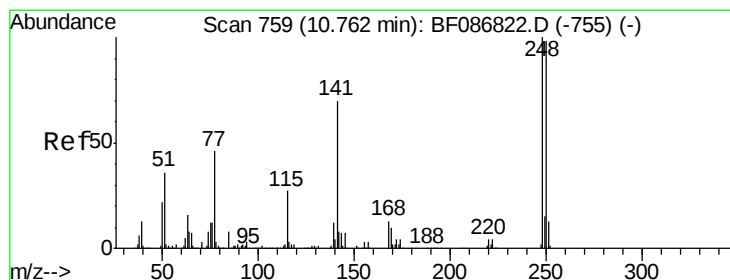
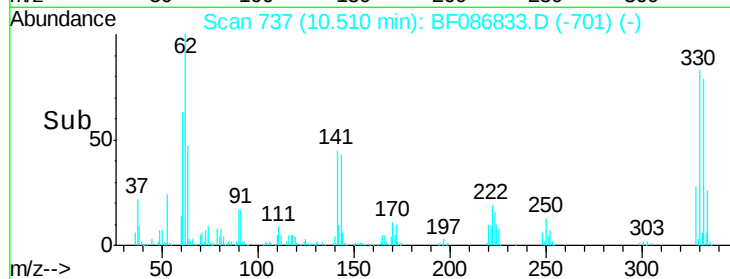
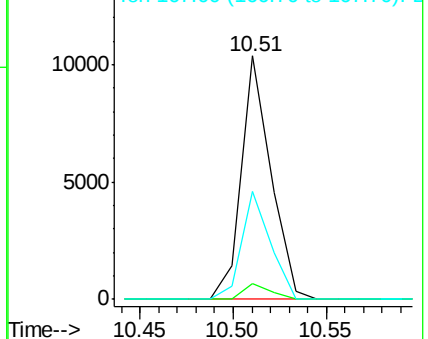
167 44.3 29.5 44.3#



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: 3.64 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.25 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

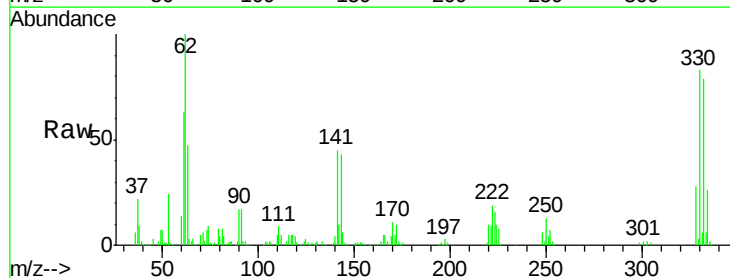
Tgt Ion:248 Resp: 24438

Ion Ratio Lower Upper

248 100

250 205.3 78.6 117.8#

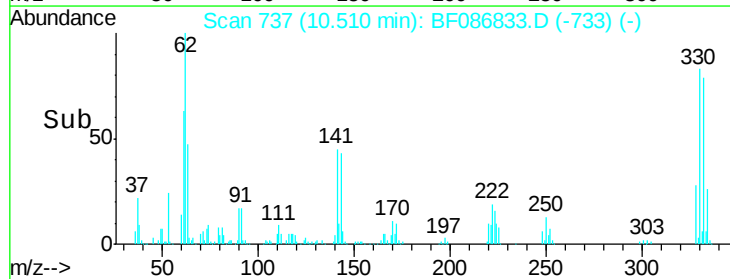
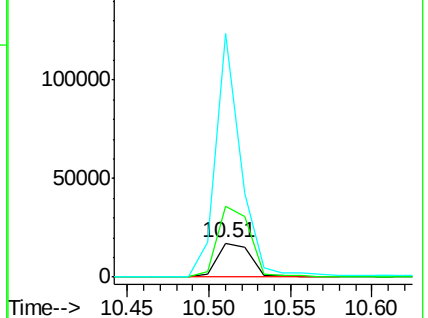
141 710.9 76.0 114.0#

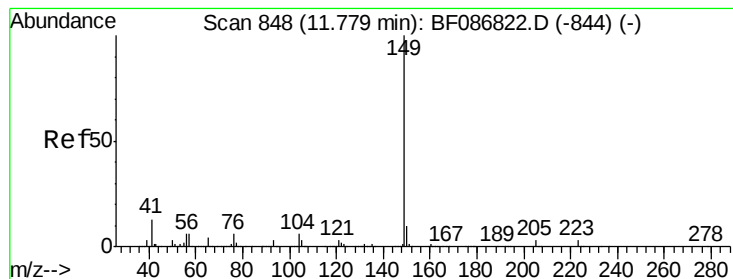


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#73

Di-n-butylphthalate

Concen: 0.02 ng

RT: 11.78 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

Instrument :

BNA_F

ClientSampleId :

PB90374BL

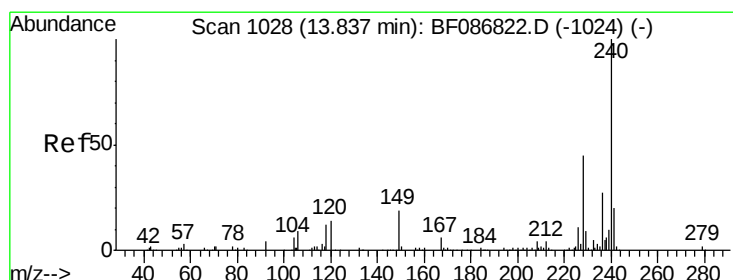
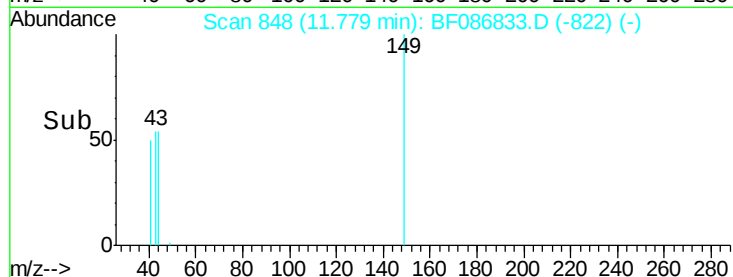
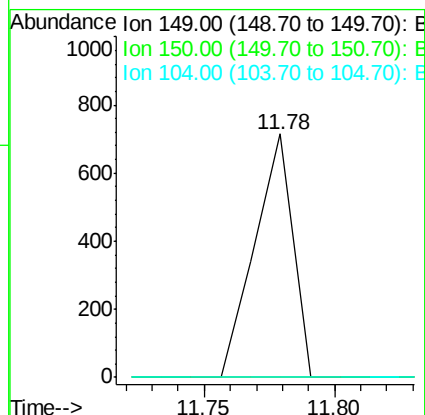
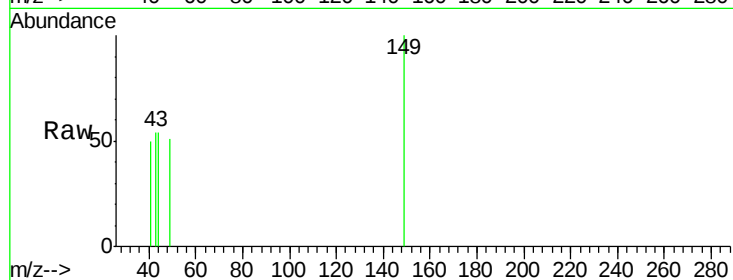
Tgt Ion:149 Resp: 722

Ion Ratio Lower Upper

149 100

150 0.0 7.6 11.4#

104 0.0 3.8 5.6#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

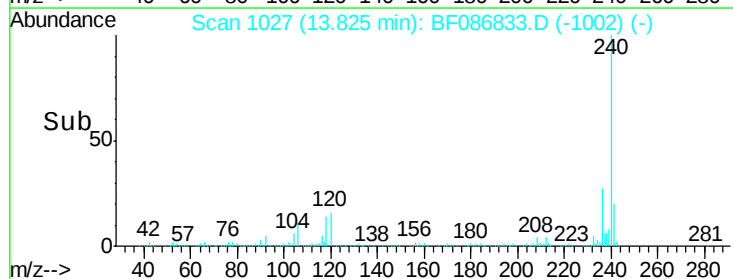
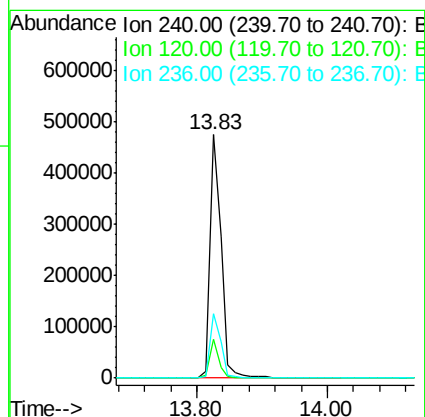
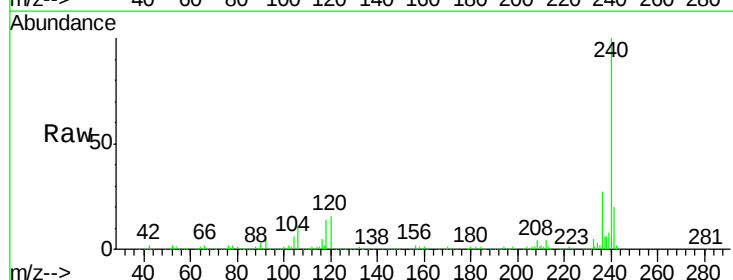
Tgt Ion:240 Resp: 567452

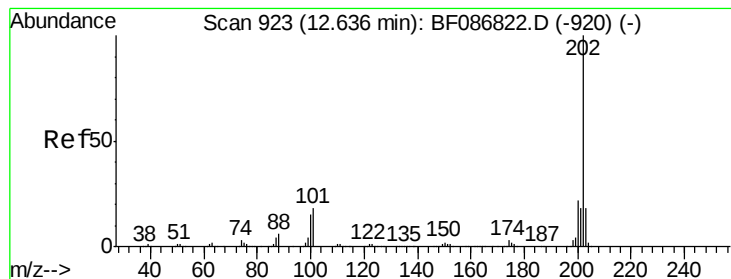
Ion Ratio Lower Upper

240 100

120 16.0 11.2 16.8

236 26.7 21.2 31.8





#77

Pyrene

Concen: 0.14 ng

RT: 12.78 min Scan# 936

Delta R.T. 0.15 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

Instrument :

BNA_F

ClientSampleId :

PB90374BL

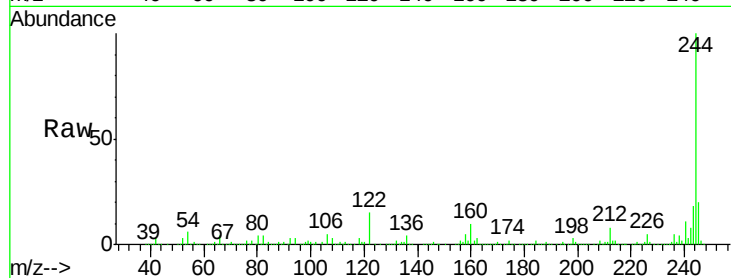
Tgt Ion:202 Resp: 6203

Ion Ratio Lower Upper

202 100

200 45.2 17.7 26.5#

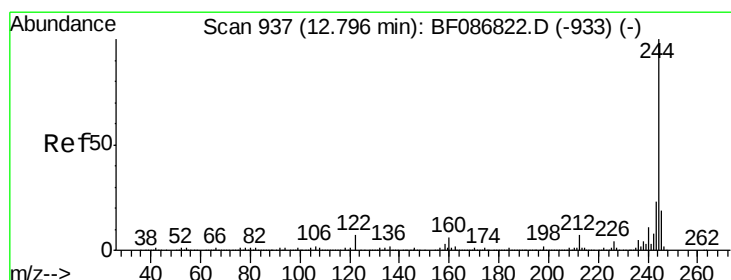
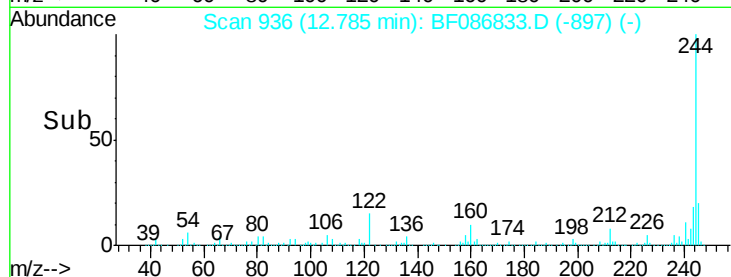
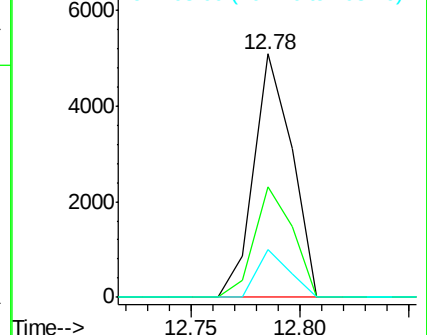
203 19.4 14.2 21.4



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: 65.12 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

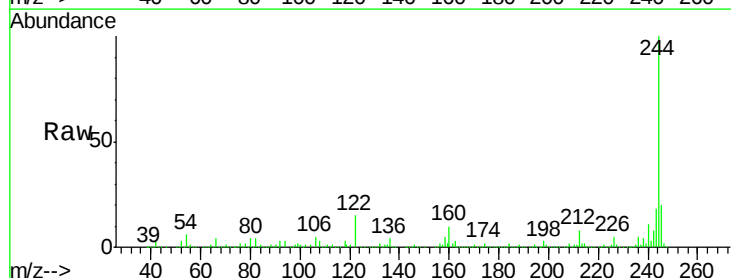
Tgt Ion:244 Resp: 1741615

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

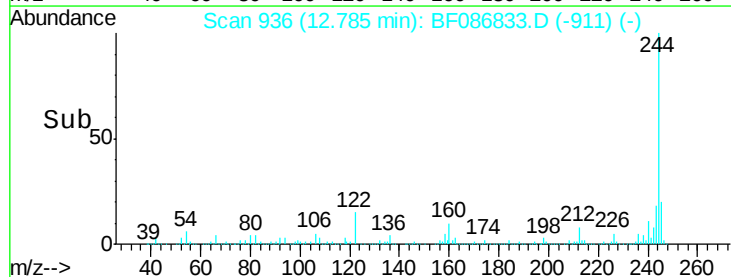
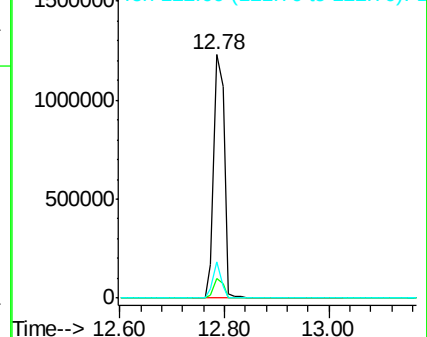
122 15.0 12.0 18.0

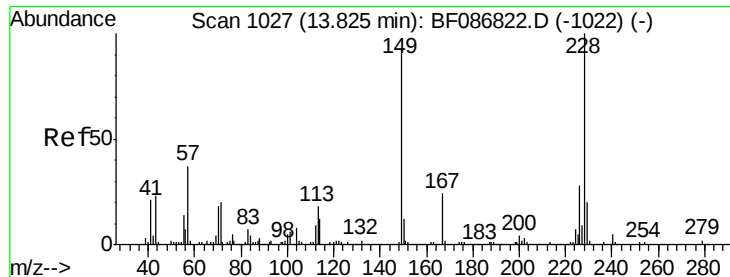


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.04 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

Instrument :

BNA_F

ClientSampleId :

PB90374BL

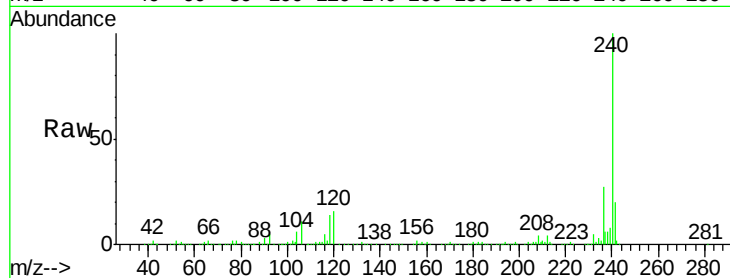
Tgt Ion:228 Resp: 1294

Ion Ratio Lower Upper

228 100

226 0.0 22.5 33.7#

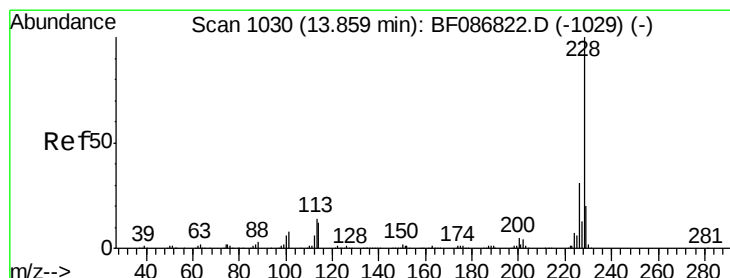
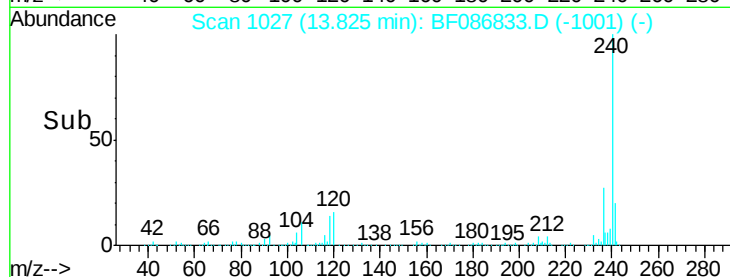
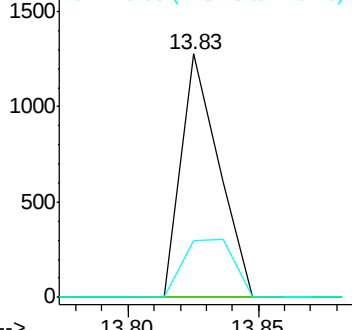
229 23.5 16.6 25.0



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: 0.04 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BF086833.D

Acq: 9 May 2016 21:07

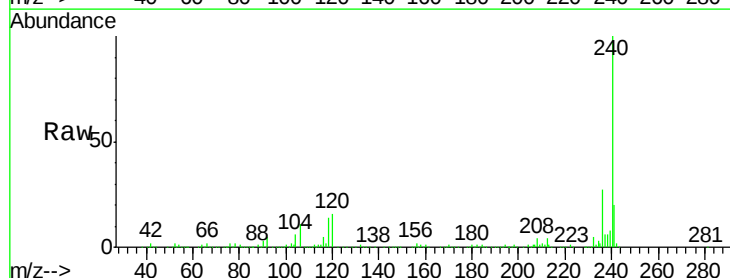
Tgt Ion:228 Resp: 1294

Ion Ratio Lower Upper

228 100

226 0.0 24.4 36.6#

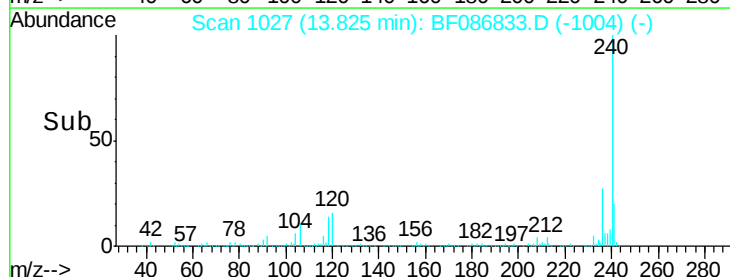
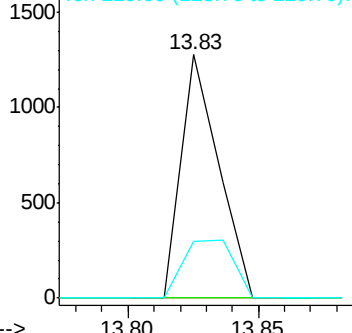
229 23.5 15.8 23.8

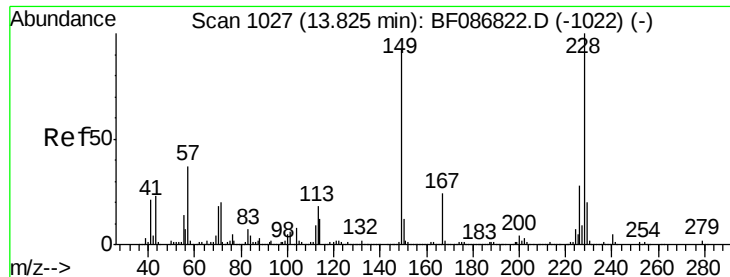


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

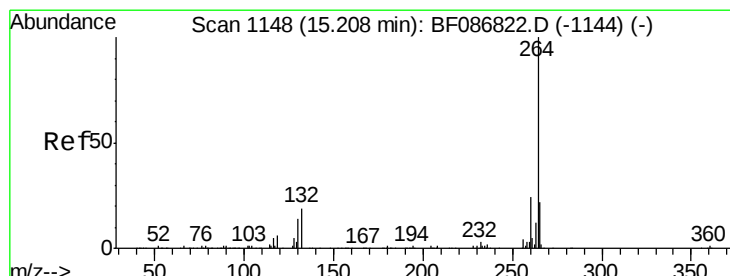
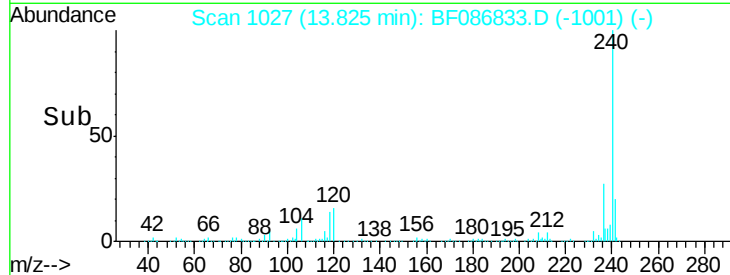
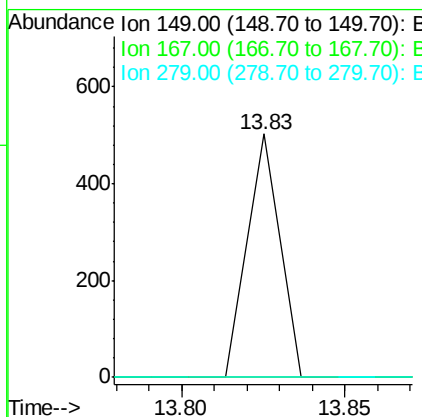
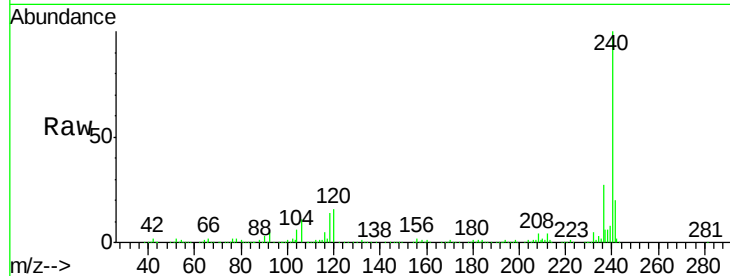




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.02 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF086833.D
 Acq: 9 May 2016 21:07

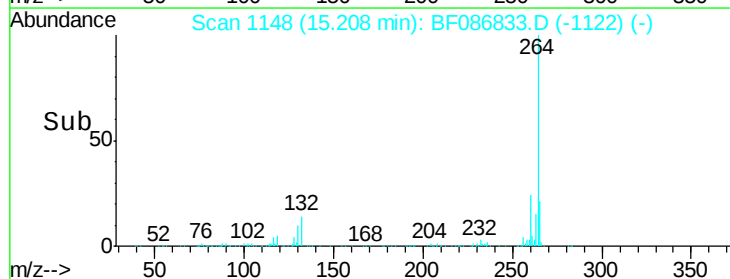
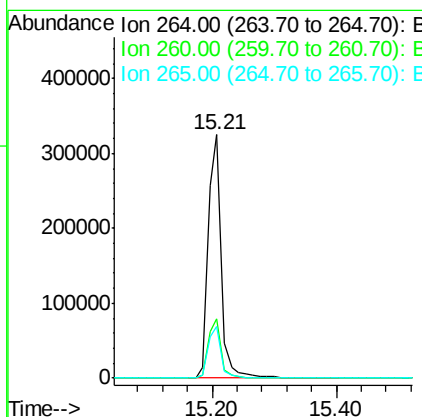
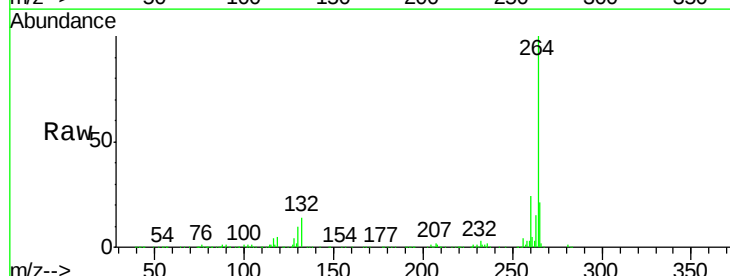
Instrument :
 BNA_F
 ClientSampleId :
 PB90374BL

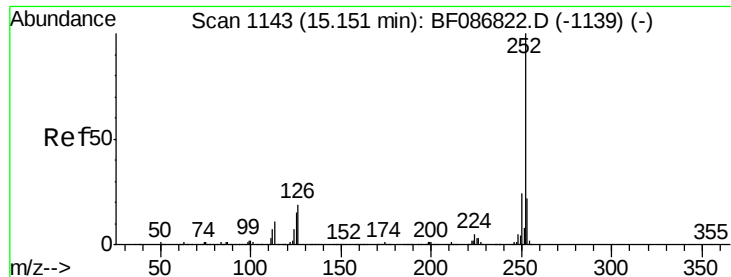
Tgt Ion:	149	Resp:	345
Ion	Ratio	Lower	Upper
149	100		
167	0.0	21.8	32.6#
279	0.0	2.6	4.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF086833.D
 Acq: 9 May 2016 21:07

Tgt Ion:	264	Resp:	471008
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.5	17.3	25.9





#89

Benzo(a)pyrene

Concen: 0.05 ng

RT: 15.21 min Scan# 1148

Delta R.T. 0.06 min

Lab File: BF086833.D

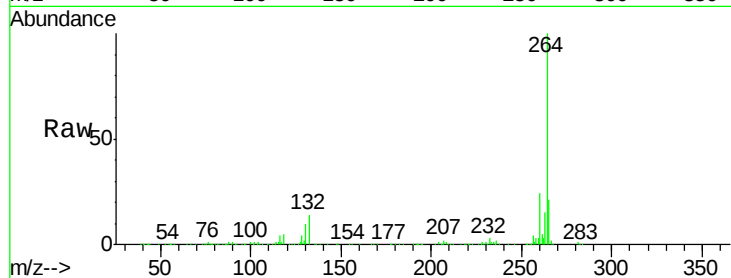
Acq: 9 May 2016 21:07

Instrument :

BNA_F

ClientSampleId :

PB90374BL



Tgt Ion:	252	Resp:	1303
Ion	Ratio	Lower	Upper
252	100		
253	37.8	17.2	25.8#
125	0.0	9.0	13.6#

