

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
 Data File : BF088939.D
 Acq On : 13 Jul 2016 00:55
 Operator : UM/SJ
 Sample : H3935-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C3-04

Quant Time: Jul 13 02:20:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	59949	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	224438	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	89728	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	130748	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	133652	20.00	ng	-0.01
86) Perylene-d12	15.21	264	110019	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	445773	111.44	ng	0.01
7) Phenol-d6	6.35	99	629073	121.71	ng	0.00
23) Nitrobenzene-d5	7.27	82	362608	84.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	90031	108.05	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	616163	108.47	ng	0.00
78) Terphenyl-d14	12.80	244	354929	59.15	ng	0.00

Target Compounds						Qvalue
4) n-Nitrosodimethylamine	2.87	42	930	0.42	ng	# 1
6) Aniline	6.48	93	720	0.10	ng	# 1
9) Benzaldehyde	6.35	77	892	0.25	ng	# 1
10) Phenol	6.36	94	6019	1.02	ng	# 1
11) bis(2-Chloroethyl)ether	6.48	93	720	0.16	ng	# 1
15) Benzyl Alcohol	6.86	79	6626	1.74	ng	# 52
19) n-Nitroso-di-n-propylamine	7.27	70	47787	13.76	ng	# 75
22) Acetophenone	7.11	105	1099	0.20	ng	# 57
24) Nitrobenzene	7.27	77	1022	0.24	ng	# 28
25) Isophorone	7.27	82	315650	39.79	ng	# 65
31) Naphthalene	8.01	128	3242	0.29	ng	# 90
33) 4-Chloroaniline	8.01	127	206	0.04	ng	# 1
37) 2-Methylnaphthalene	8.71	142	3371	0.47	ng	# 97
45) 1,1'-Biphenyl	9.16	154	661	0.09	ng	# 43
47) 2-Nitroaniline	9.46	65	1039	0.50	ng	# 1
48) Acenaphthylene	9.60	152	2055	0.22	ng	# 96
49) Dimethylphthalate	9.46	163	106561	16.67	ng	# 100
50) 2,6-Dinitrotoluene	9.46	165	1068	0.75	ng	# 1
51) Acenaphthene	9.74	154	279	0.05	ng	# 5
54) Dibenzofuran	9.94	168	699	0.09	ng	# 86
55) 4-Nitrophenol	9.94	139	259	0.19	ng	# 5
56) 2,4-Dinitrotoluene	9.74	165	11575	6.25	ng	# 36
57) Fluorene	10.28	166	213	0.04	ng	# 9
59) Diethylphthalate	10.16	149	300	0.05	ng	# 60
62) Azobenzene	10.52	77	785	0.11	ng	# 18
65) n-Nitrosodiphenylamine	10.52	169	3656	0.83	ng	# 41
66) 4-Bromophenyl-phenylether	10.52	248	6766	5.14	ng	# 1
70) Phenanthrene	11.23	178	2871	0.40	ng	# 100
71) Anthracene	11.29	178	1889	0.27	ng	# 95
72) Carbazole	11.45	167	927	0.14	ng	# 58
73) Di-n-butylphthalate	11.78	149	2031	0.26	ng	# 77
74) Fluoranthene	12.42	202	5929	0.82	ng	# 91
77) Pyrene	12.42	202	5929	0.52	ng	# 96
79) Butylbenzylphthalate	13.28	149	2998	0.59	ng	# 76

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
 Data File : BF088939.D
 Acq On : 13 Jul 2016 00:55
 Operator : UM/SJ
 Sample : H3935-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C3-04

Quant Time: Jul 13 02:20:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

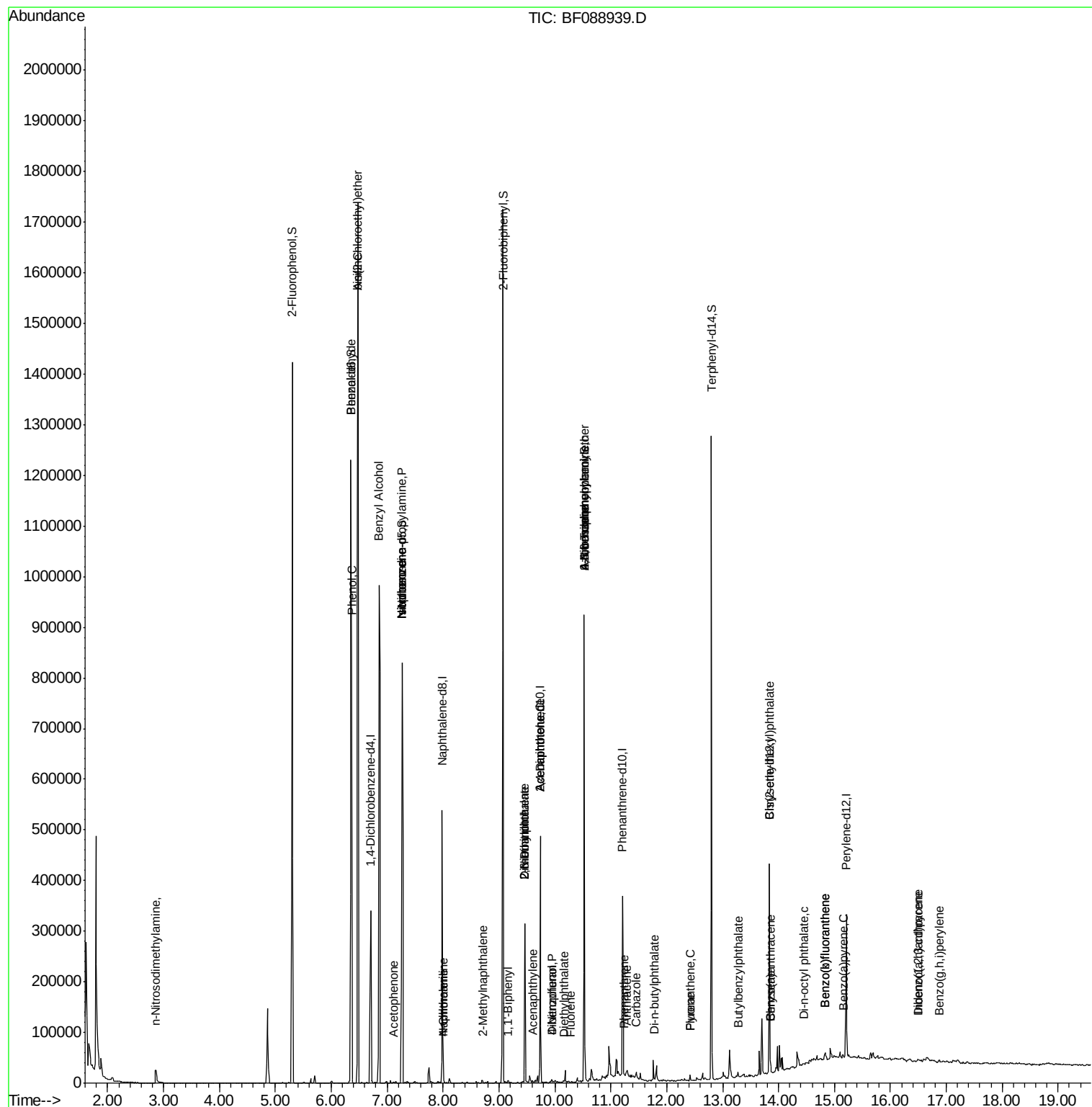
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	13.86	228	9006	1.05	ng	# 91
82) Chrysene	13.86	228	9006	1.06	ng	# 94
83) Bis(2-ethylhexyl)phthalate	13.84	149	6510	1.13	ng	# 96
84) Di-n-octyl phthalate	14.45	149	537	0.05	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.49	276	2313	0.35	ng	# 100
87) Benzo(b)fluoranthene	14.83	252	9640	1.40	ng	# 82
88) Benzo(k)fluoranthene	14.83	252	9640	1.60	ng	# 87
89) Benzo(a)pyrene	15.15	252	3264	0.56	ng	# 88
90) Dibenzo(a,h)anthracene	16.50	278	503	0.10	ng	# 54
91) Benzo(g,h,i)perylene	16.87	276	2590	0.51	ng	# 92

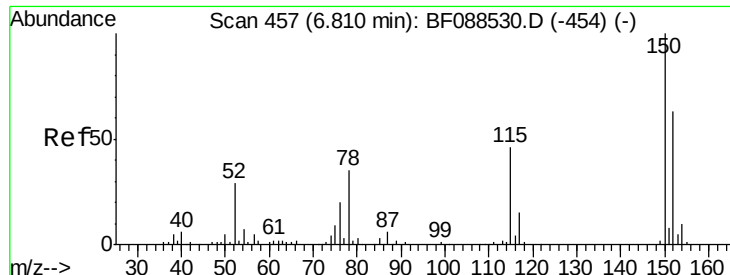
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
Data File : BF088939.D
Acq On : 13 Jul 2016 00:55
Operator : UM/SJ
Sample : H3935-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C3-04

Quant Time: Jul 13 02:20:22 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

C3-04

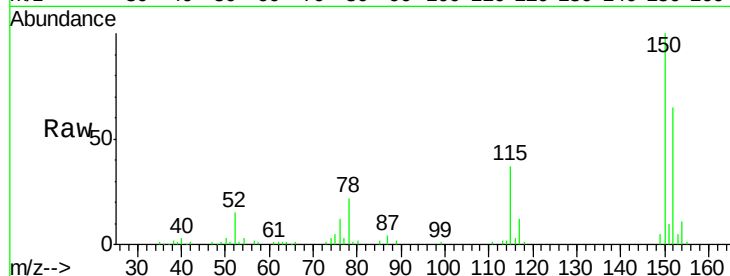
Tgt Ion:152 Resp: 59949

Ion Ratio Lower Upper

152 100

150 153.3 123.8 185.6

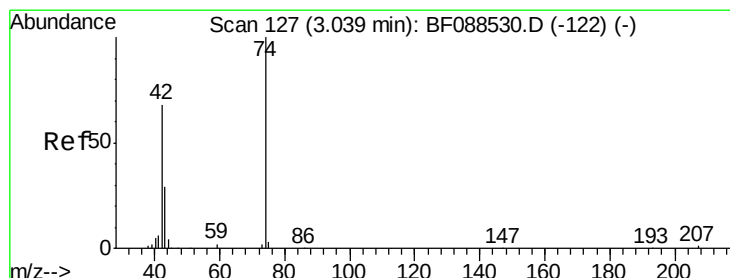
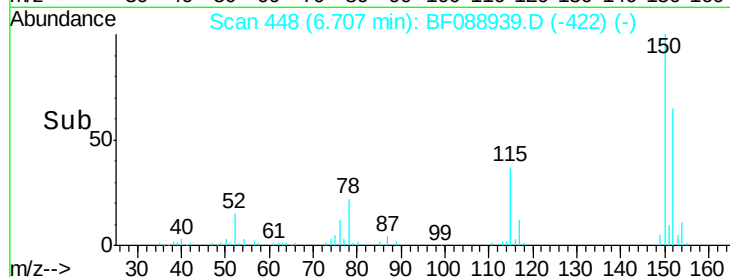
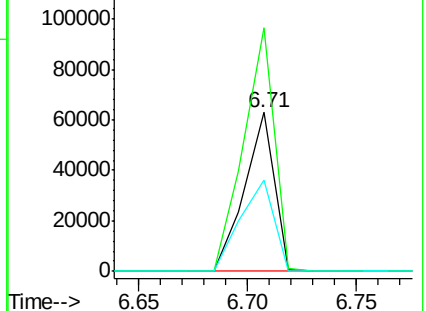
115 57.3 39.6 59.4



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



#4

n-Nitrosodimethylamine

Concen: 0.42 ng

RT: 2.87 min Scan# 112

Delta R.T. 0.03 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

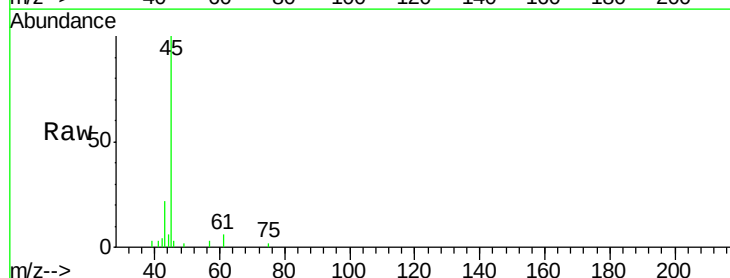
Tgt Ion: 42 Resp: 930

Ion Ratio Lower Upper

42 100

74 0.0 108.6 163.0#

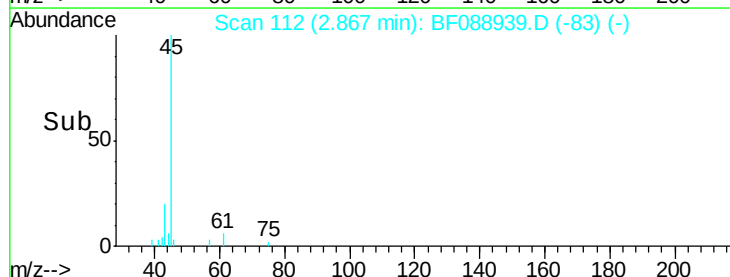
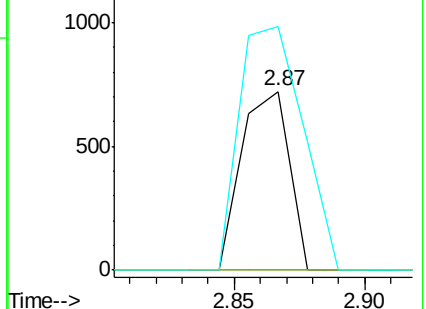
44 136.5 5.5 8.3#

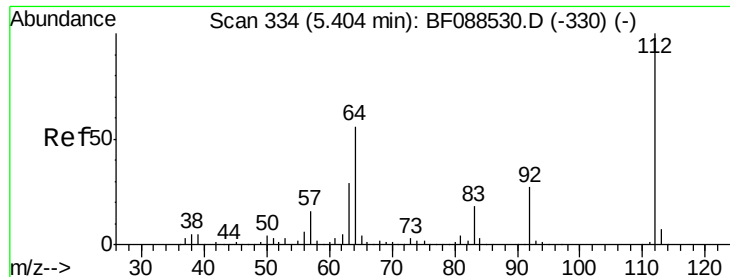


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 111.44 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

C3-04

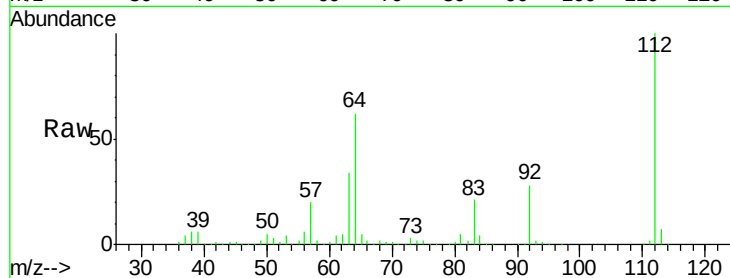
Tgt Ion: 112 Resp: 445773

Ion Ratio Lower Upper

112 100

64 62.4 42.2 63.2

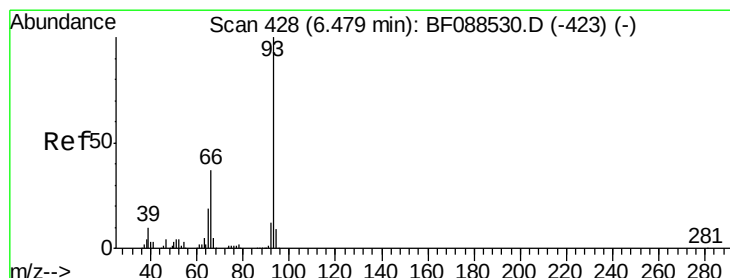
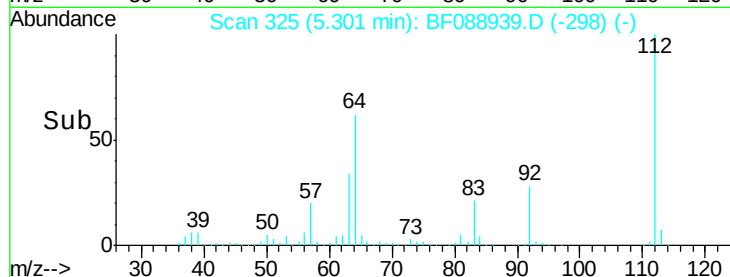
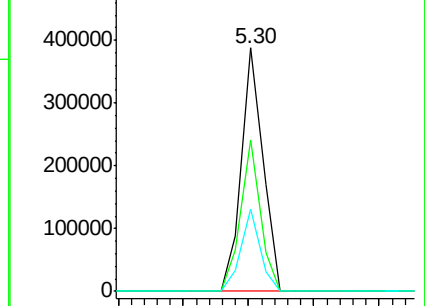
63 33.8 21.8 32.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 0.10 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.10 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

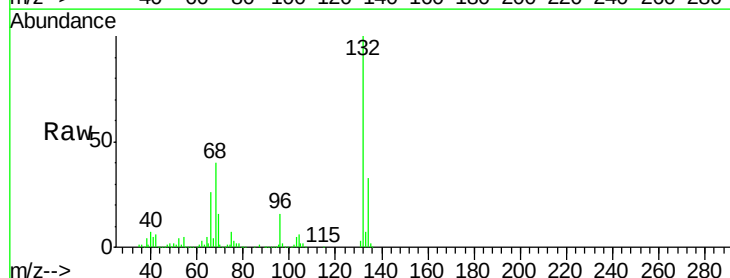
Tgt Ion: 93 Resp: 720

Ion Ratio Lower Upper

93 100

66 18007.7 29.8 44.8#

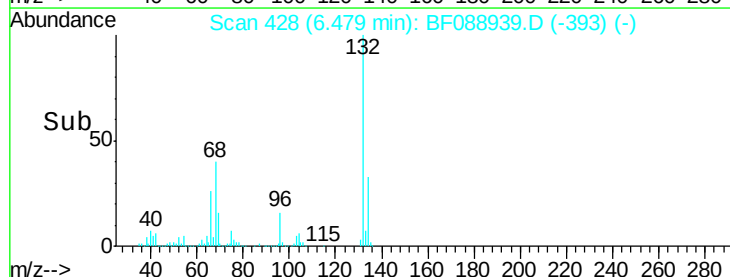
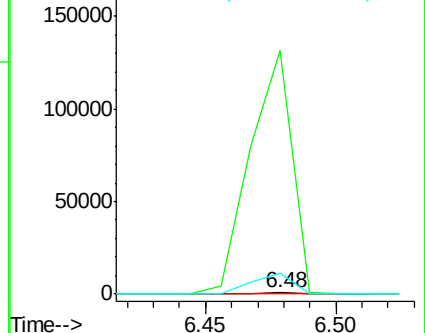
65 1569.3 14.9 22.3#

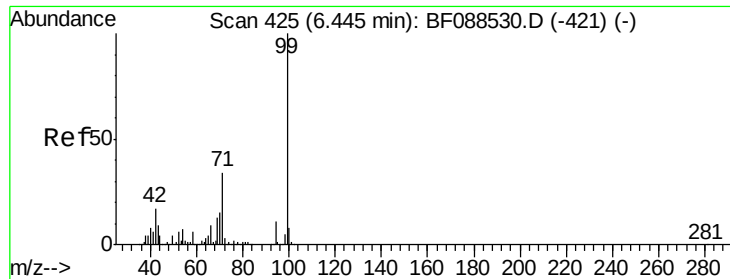


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.71 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

C3-04

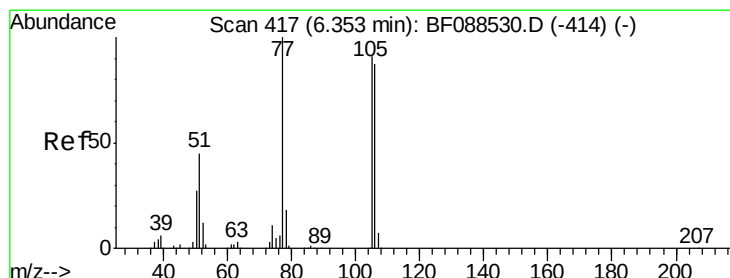
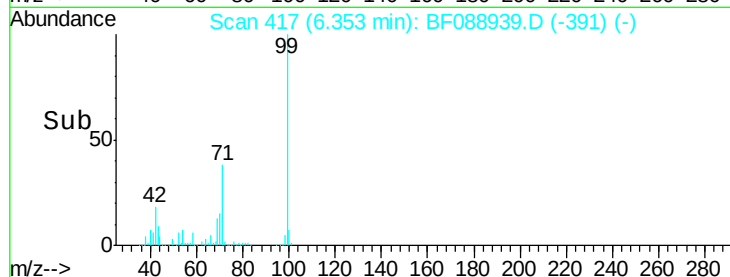
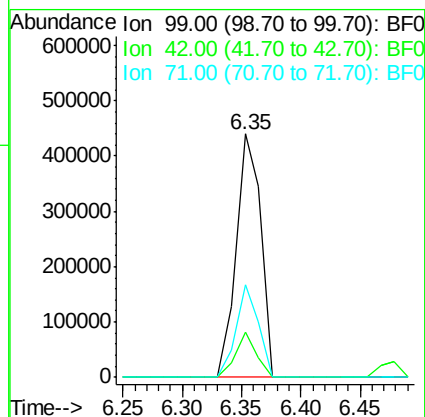
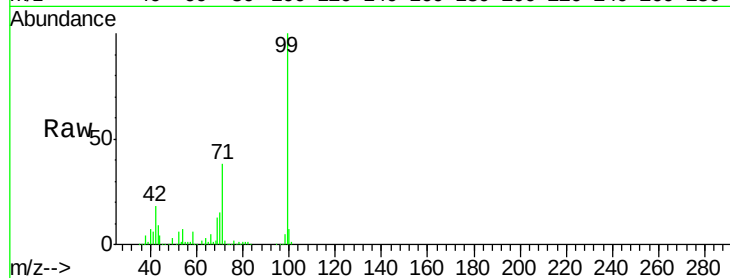
Tgt Ion: 99 Resp: 629073

Ion Ratio Lower Upper

99 100

42 18.5 12.2 18.2#

71 38.0 23.4 35.0#



#9

Benzaldehyde

Concen: 0.25 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.10 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

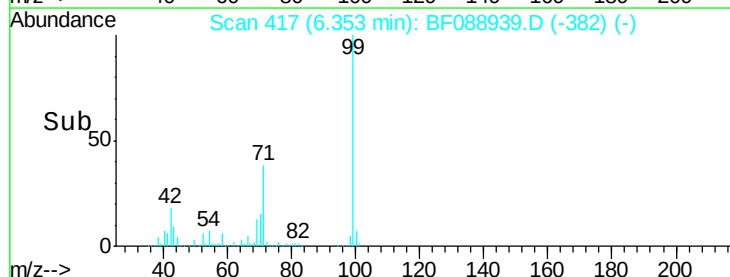
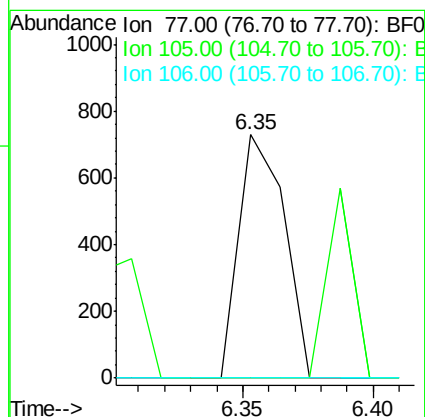
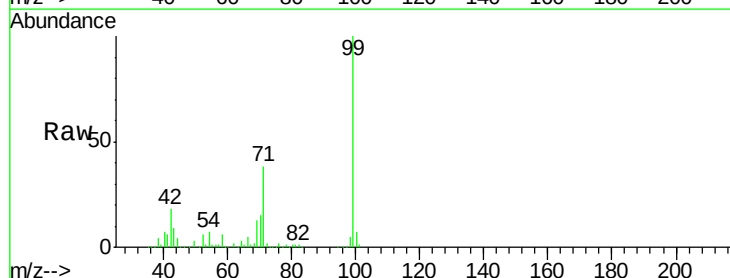
Tgt Ion: 77 Resp: 892

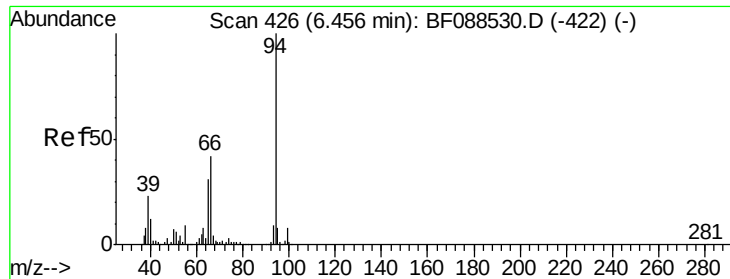
Ion Ratio Lower Upper

77 100

105 0.0 90.6 130.6#

106 0.0 85.3 125.3#





#10

Phenol

Concen: 1.02 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

C3-04

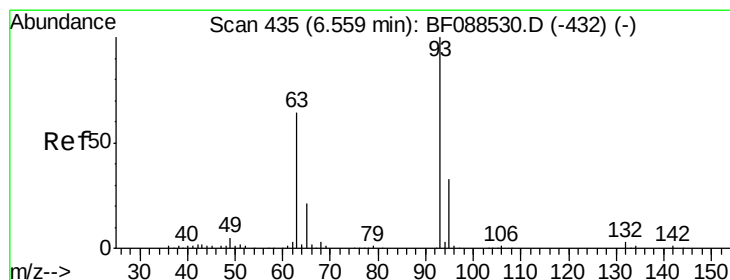
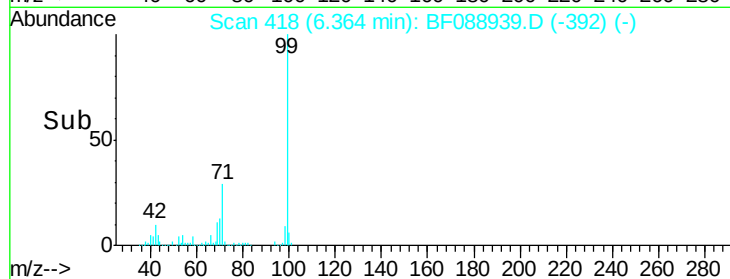
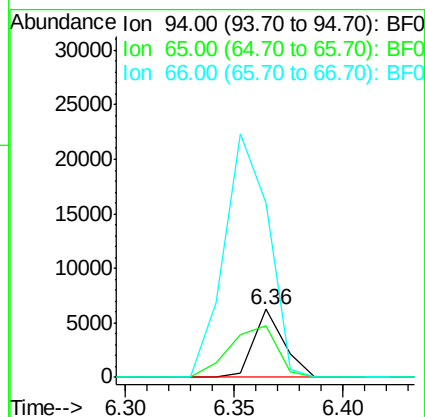
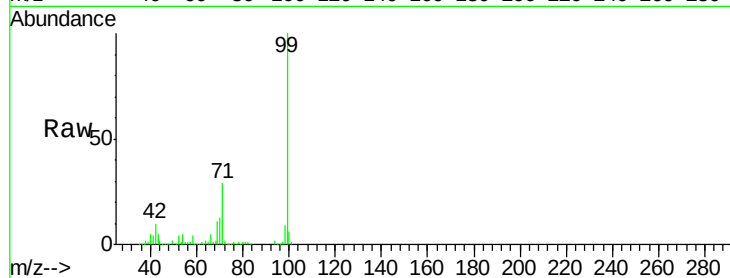
Tgt Ion: 94 Resp: 6019

Ion Ratio Lower Upper

94 100

65 77.0 5.9 45.9#

66 257.1 14.0 54.0#



#11

bis(2-Chloroethyl)ether

Concen: 0.16 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.02 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

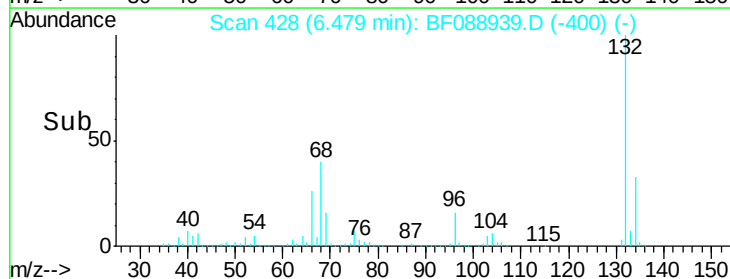
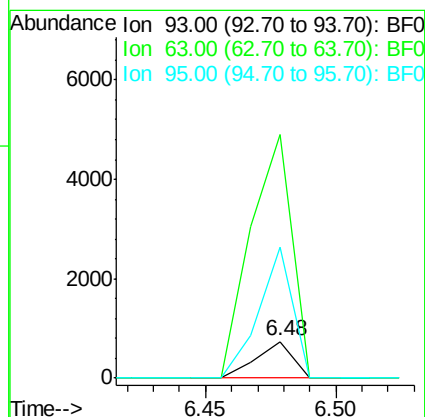
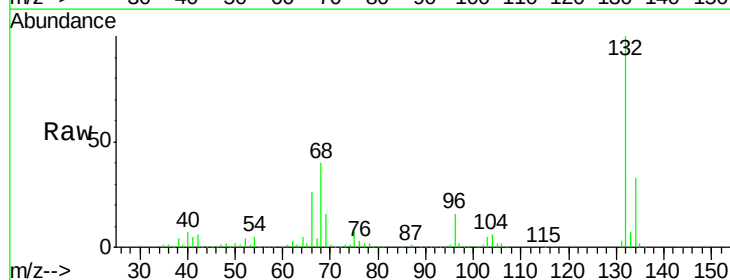
Tgt Ion: 93 Resp: 720

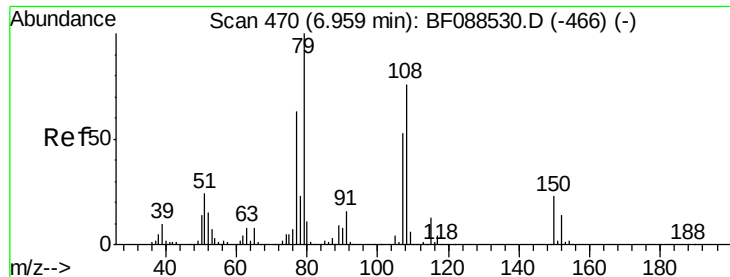
Ion Ratio Lower Upper

93 100

63 671.4 67.6 107.6#

95 359.6 12.5 52.5#





#15

Benzyl Alcohol

Concen: 1.74 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

Instrument :

BNA_F

ClientSampled :

C3-04

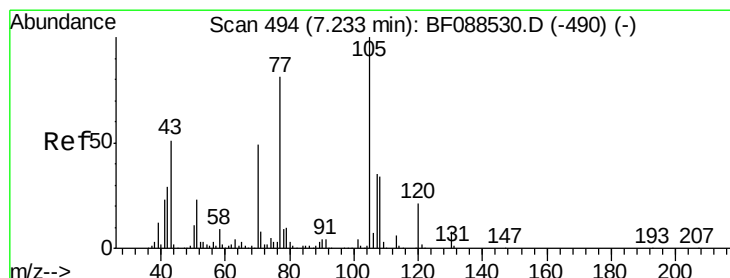
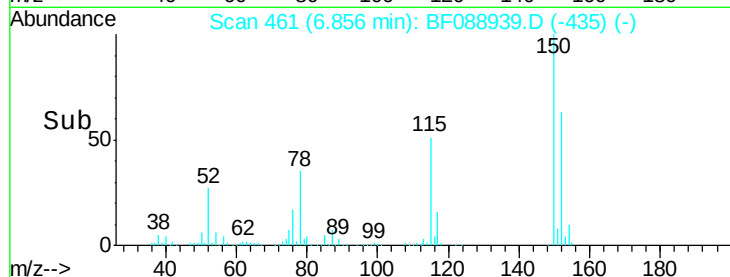
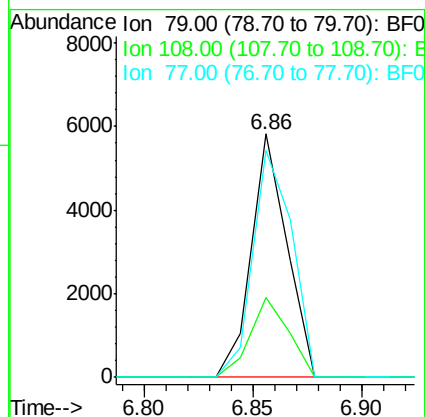
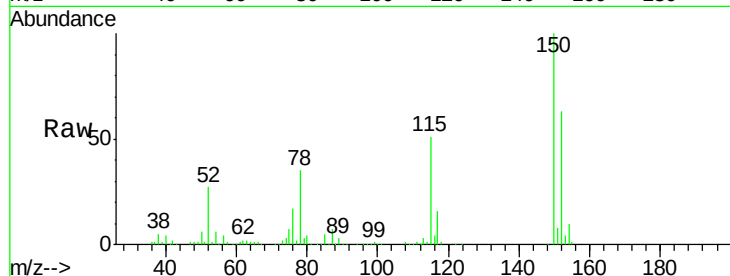
Tgt Ion: 79 Resp: 6626

Ion Ratio Lower Upper

79 100

108 32.6 65.0 97.6#

77 93.3 50.3 75.5#



#19

n-Nitroso-di-n-propylamine

Concen: 13.76 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.13 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

Tgt Ion: 70 Resp: 47787

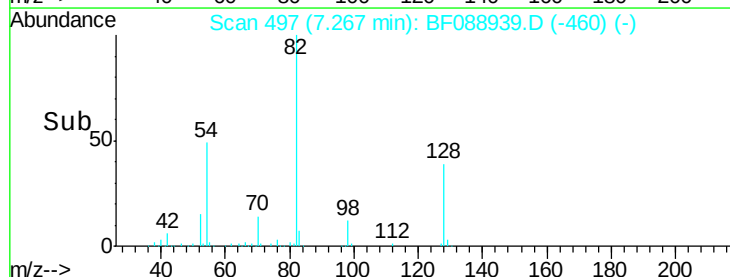
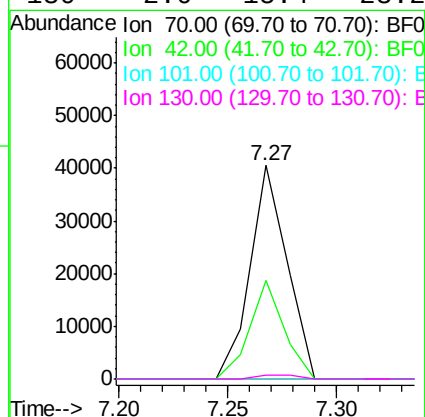
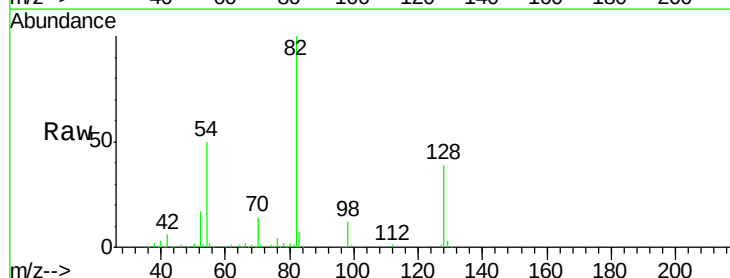
Ion Ratio Lower Upper

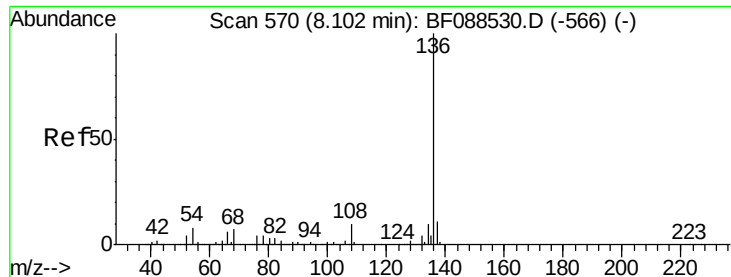
70 100

42 45.9 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

C3-04

Tgt Ion:136 Resp: 224438

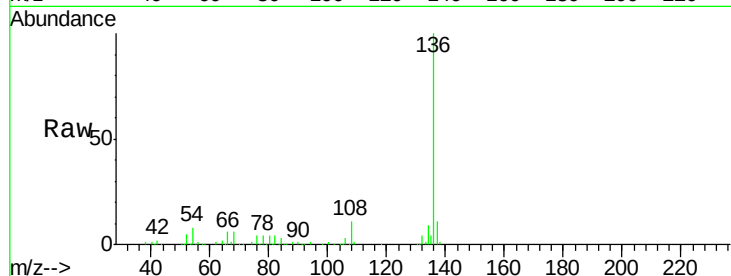
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.3 6.6 10.0

68 6.4 5.1 7.7

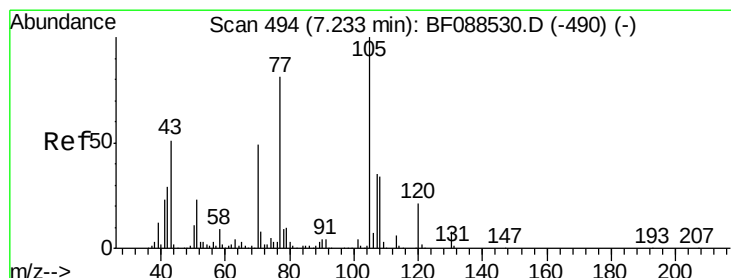
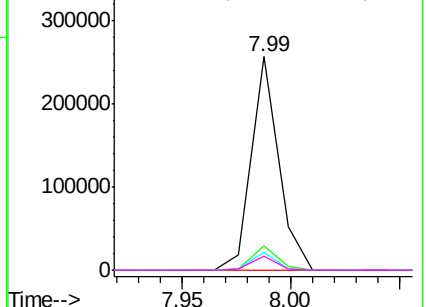
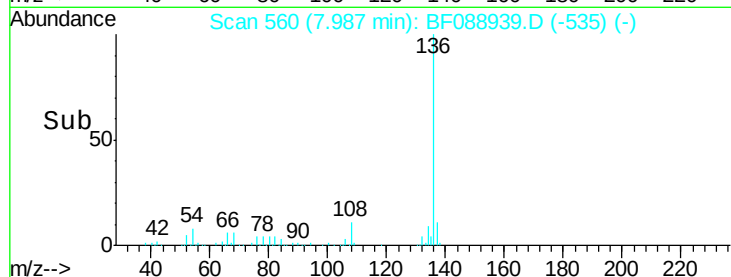


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 0.20 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

Tgt Ion:105 Resp: 1099

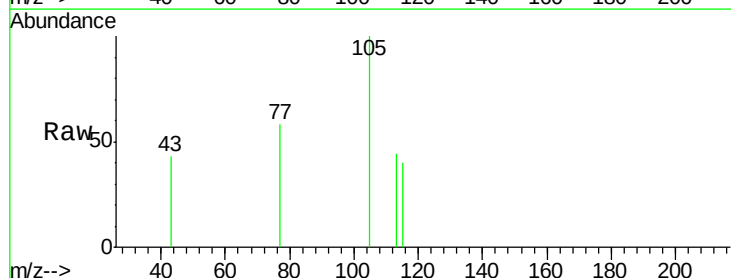
Ion Ratio Lower Upper

105 100

71 0.0 5.3 7.9#

51 0.0 18.2 27.4#

120 0.0 18.0 27.0#

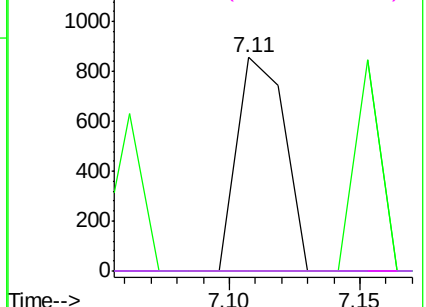
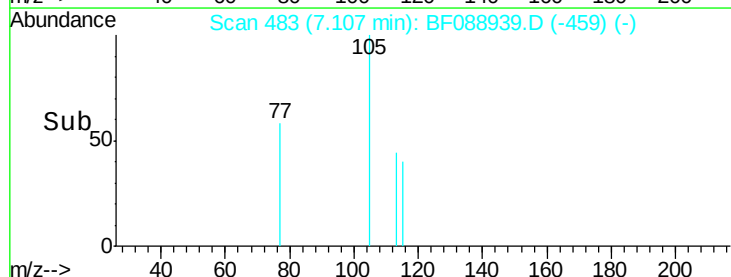


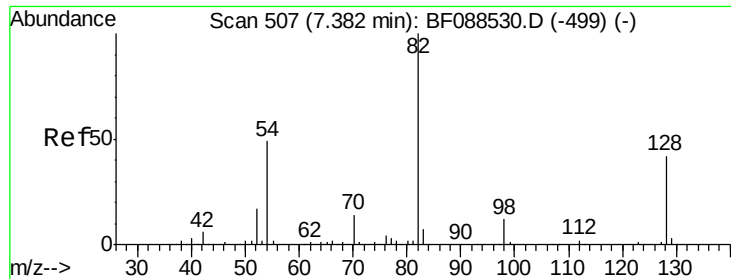
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

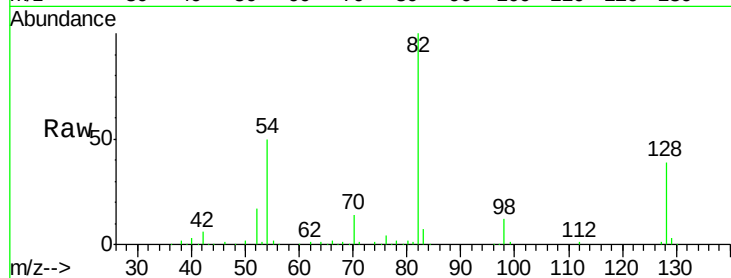




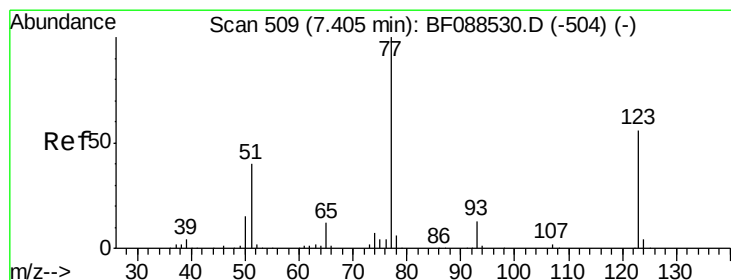
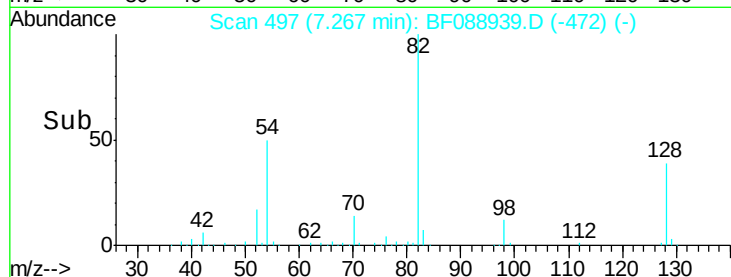
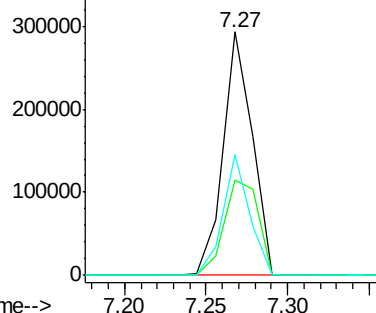
#23
Nitrobenzene-d5
Concen: 84.67 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF088939.D
Acq: 13 Jul 2016 00:55

Instrument :
BNA_F
ClientSampled :
C3-04

Tgt Ion: 82 Resp: 362608
Ion Ratio Lower Upper
82 100
128 39.2 35.9 53.9
54 49.5 40.9 61.3

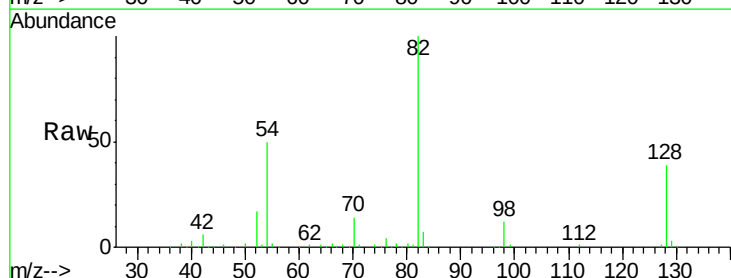


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

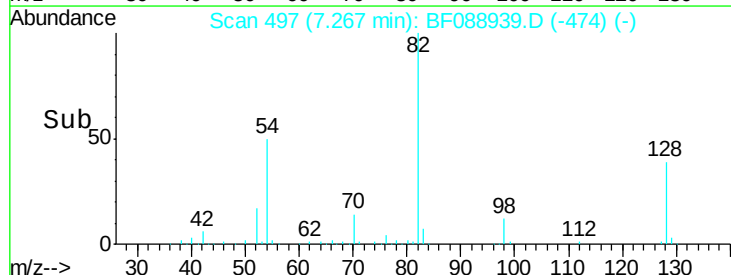
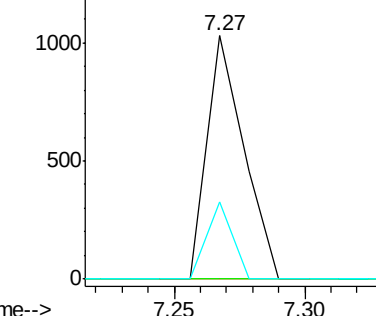


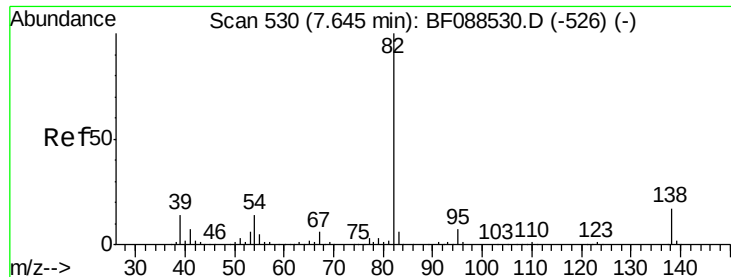
#24
Nitrobenzene
Concen: 0.24 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.03 min
Lab File: BF088939.D
Acq: 13 Jul 2016 00:55

Tgt Ion: 77 Resp: 1022
Ion Ratio Lower Upper
77 100
123 0.0 45.0 67.4#
65 31.8 10.2 15.2#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.79 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.27 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

Instrument :

BNA_F

ClientSampled :

C3-04

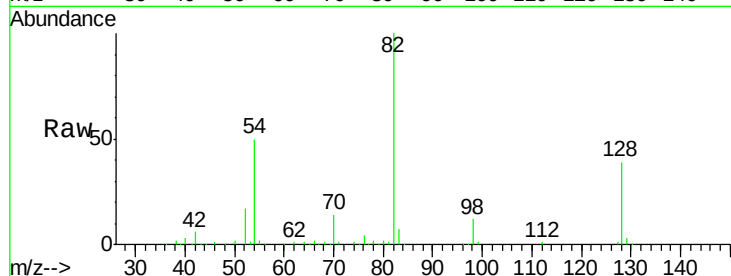
Tgt Ion: 82 Resp: 315650

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

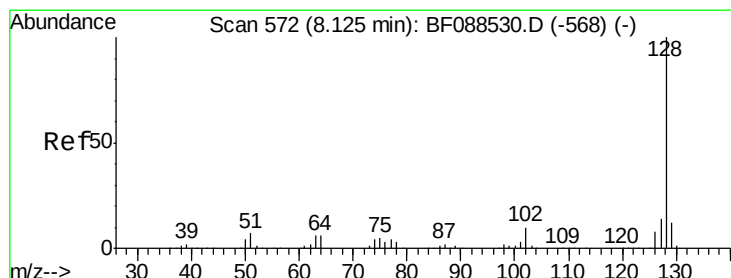
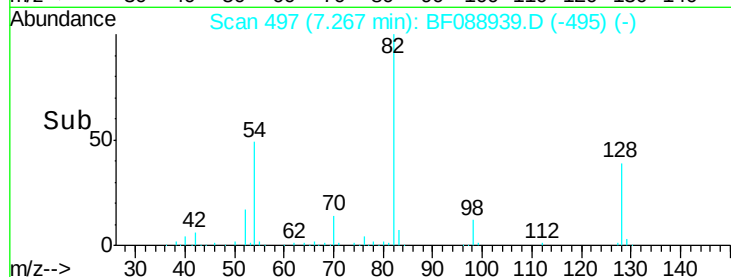
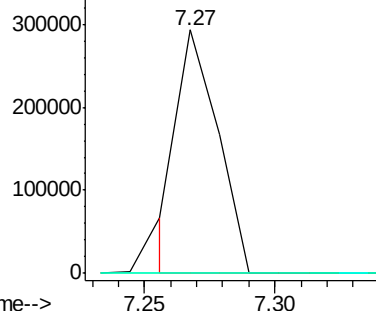
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#31

Naphthalene

Concen: 0.29 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

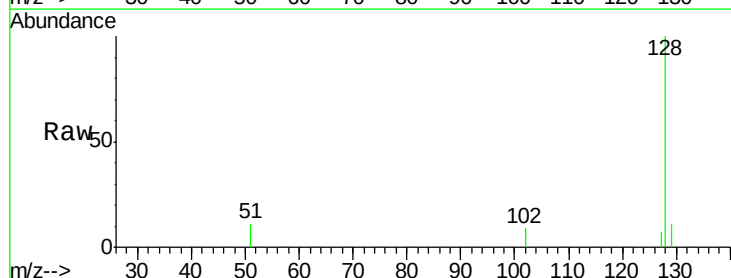
Tgt Ion: 128 Resp: 3242

Ion Ratio Lower Upper

128 100

129 10.8 9.4 14.2

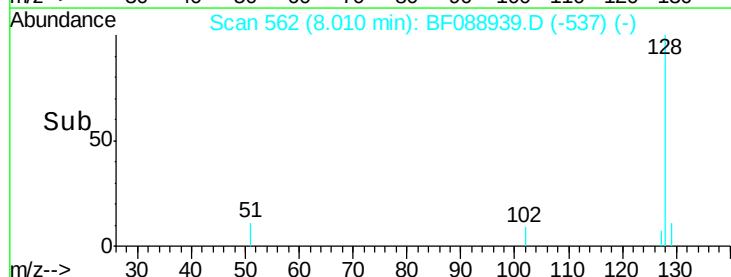
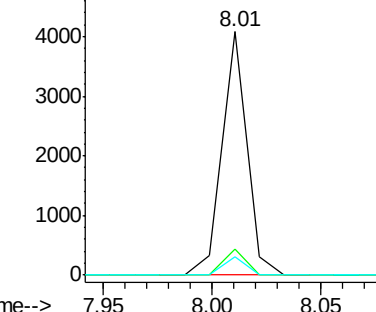
127 7.4 10.9 16.3#

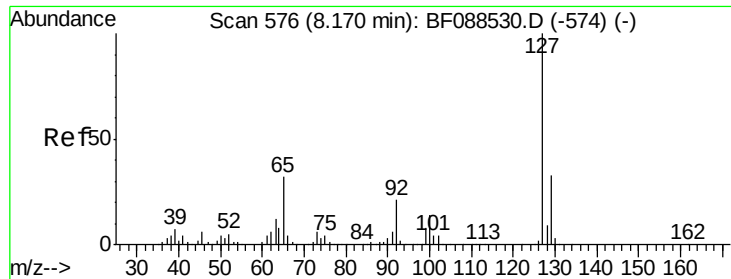


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

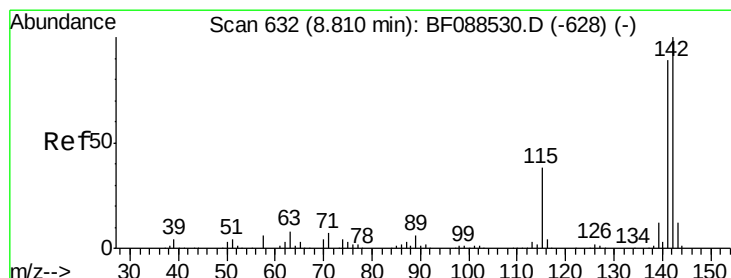
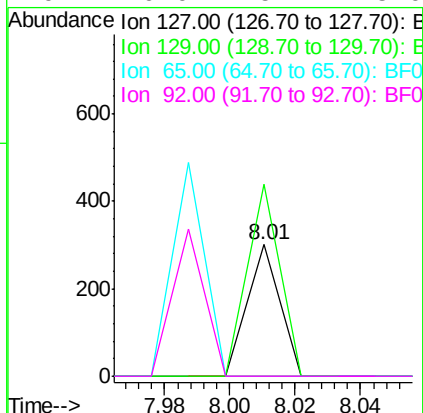
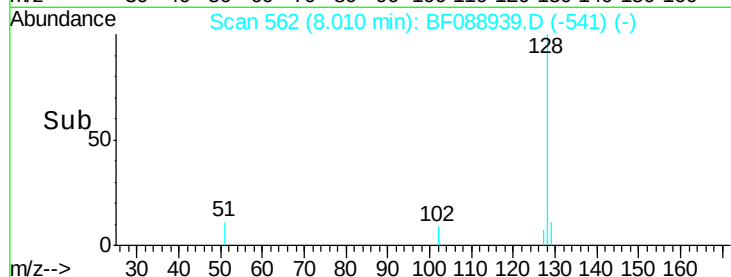
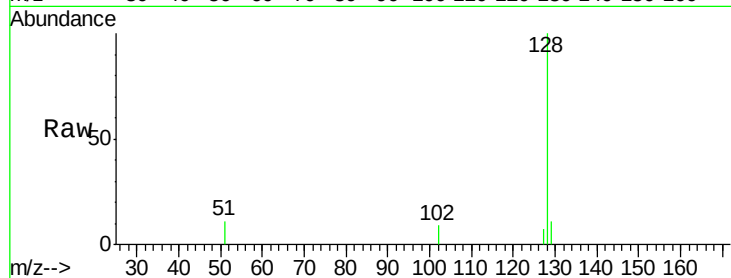




#33
4-Chloroaniline
Concen: 0.04 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.06 min
Lab File: BF088939.D
Acq: 13 Jul 2016 00:55

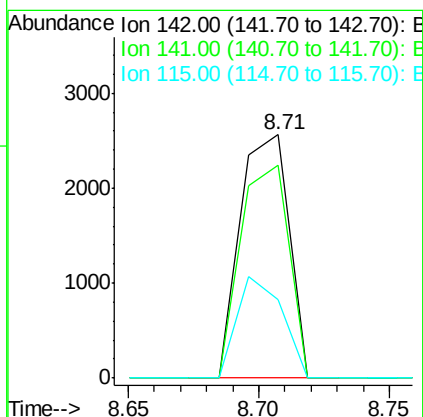
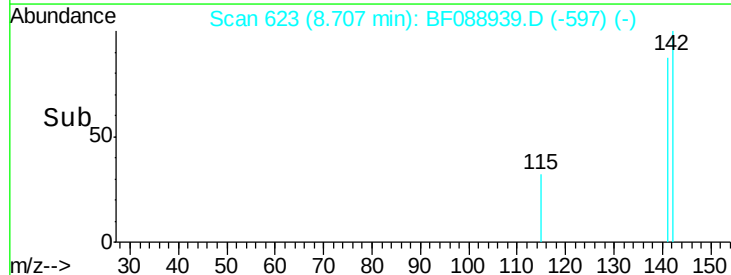
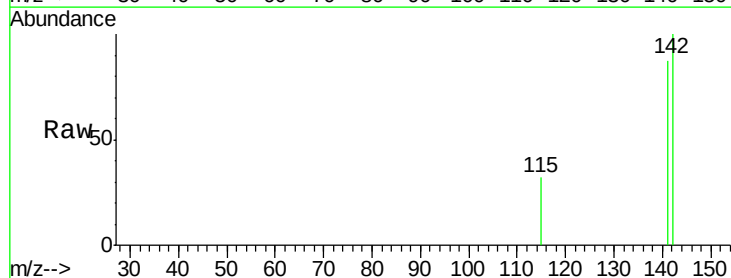
Instrument :
BNA_F
ClientSampleId :
C3-04

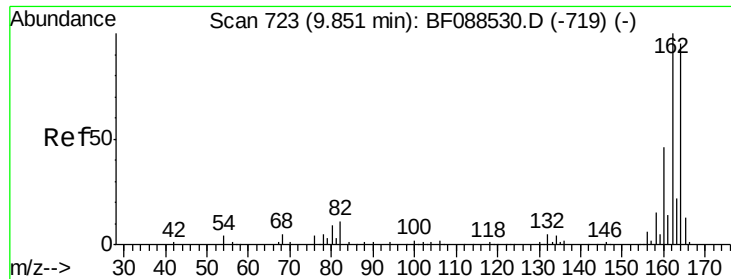
Tgt Ion:	127	Resp:	206
Ion	Ratio	Lower	Upper
127	100		
129	145.8	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#



#37
2-Methylnaphthalene
Concen: 0.47 ng
RT: 8.71 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF088939.D
Acq: 13 Jul 2016 00:55

Tgt Ion:	142	Resp:	3371
Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.0	106.6
115	32.3	22.6	33.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

Instrument :

BNA_F

ClientSampled :

C3-04

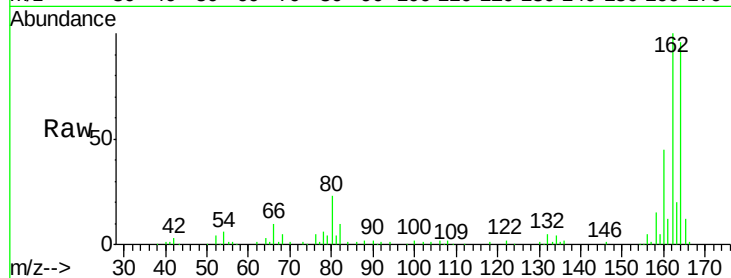
Tgt Ion:164 Resp: 89728

Ion Ratio Lower Upper

164 100

162 104.7 85.4 128.2

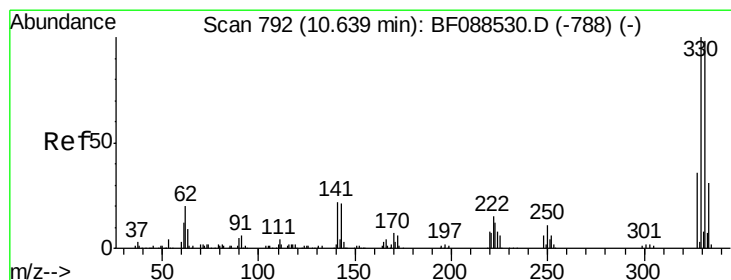
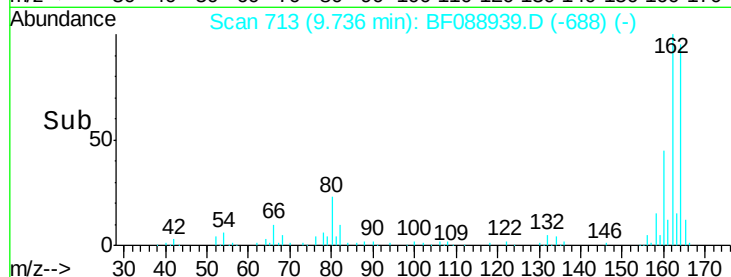
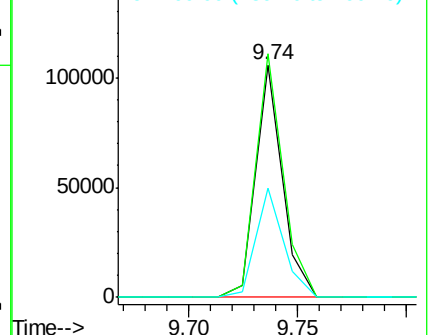
160 46.9 39.5 59.3



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: 108.05 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

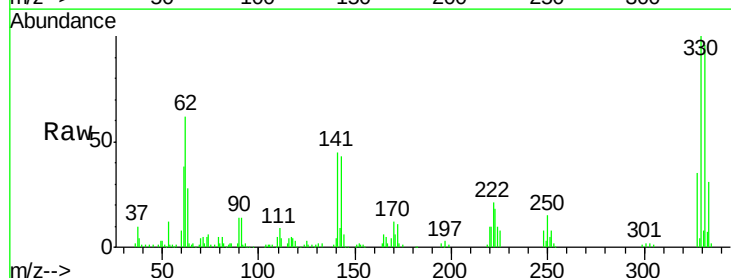
Tgt Ion:330 Resp: 90031

Ion Ratio Lower Upper

330 100

332 96.8 0.0 0.0#

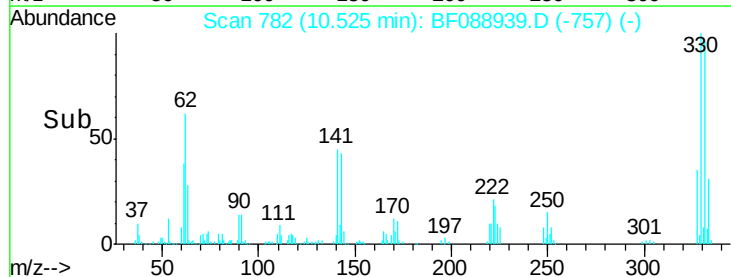
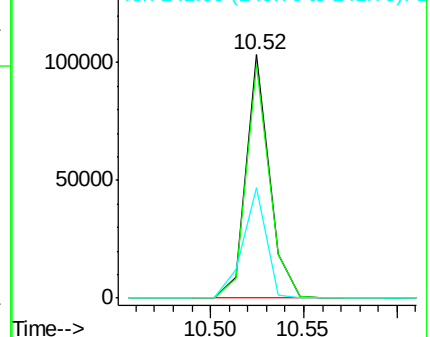
141 45.7 0.0 0.0#

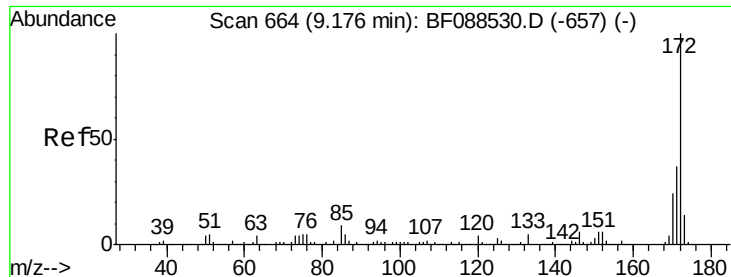


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

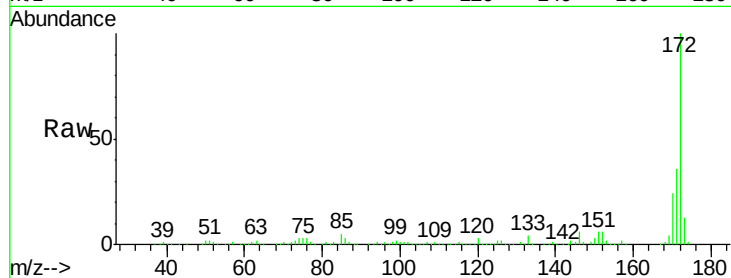




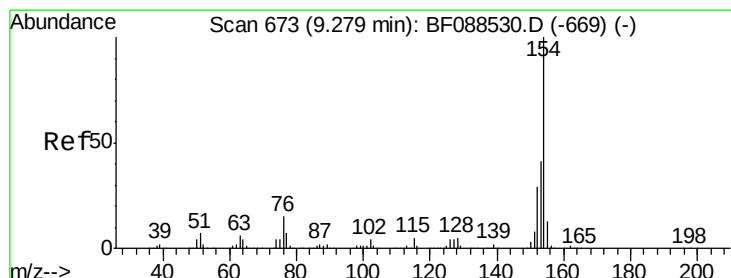
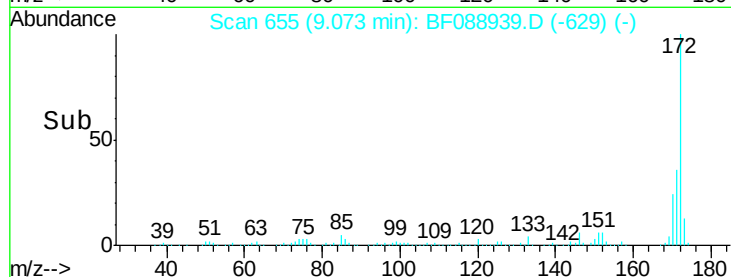
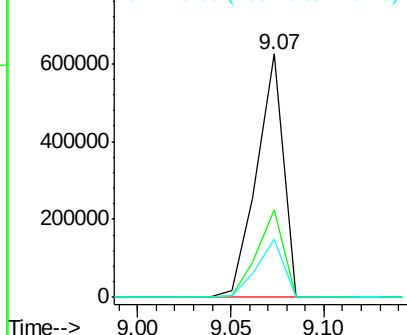
#44
2-Fluorobiphenyl
Concen: 108.47 ng
RT: 9.07 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF088939.D
Acq: 13 Jul 2016 00:55

Instrument :
BNA_F
ClientSampleId :
C3-04

Tgt Ion:172 Resp: 616163
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 23.7 19.2 28.8

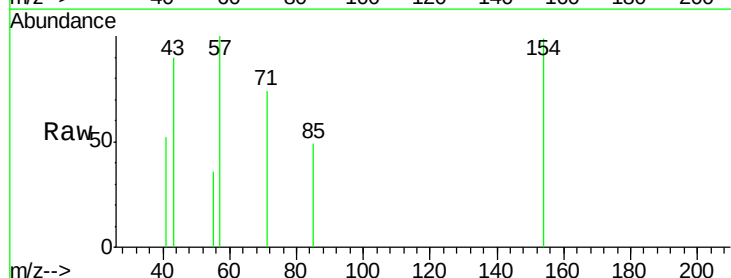


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

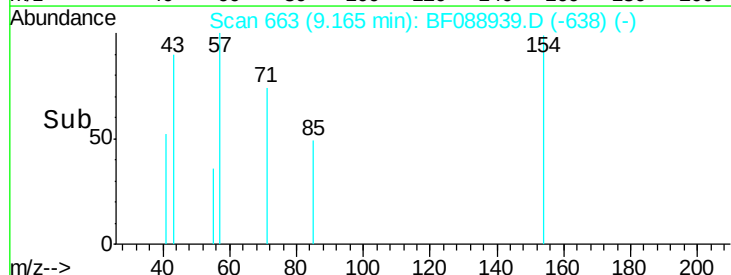
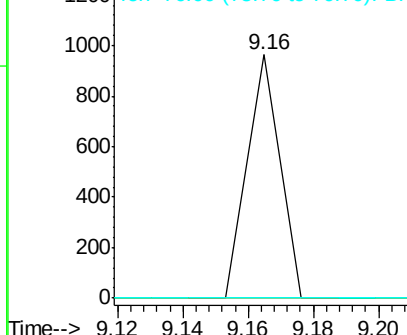


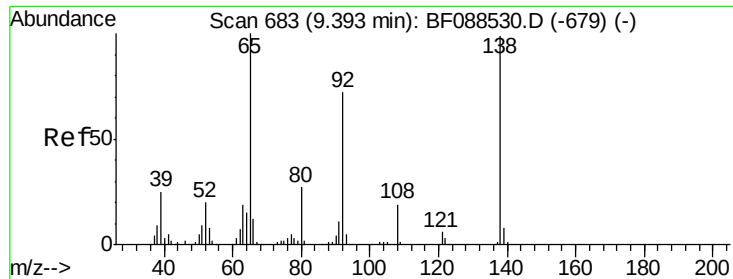
#45
1,1'-Biphenyl
Concen: 0.09 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF088939.D
Acq: 13 Jul 2016 00:55

Tgt Ion:154 Resp: 661
Ion Ratio Lower Upper
154 100
153 0.0 20.6 60.6#
76 0.0 0.0 35.1



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

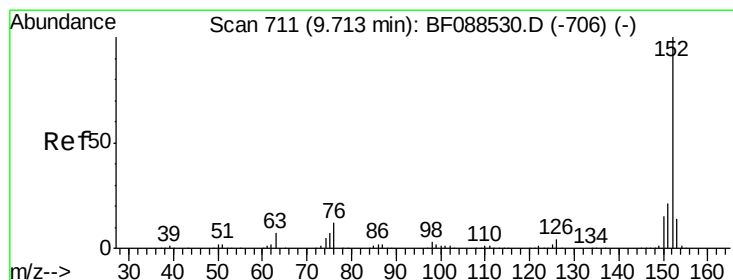
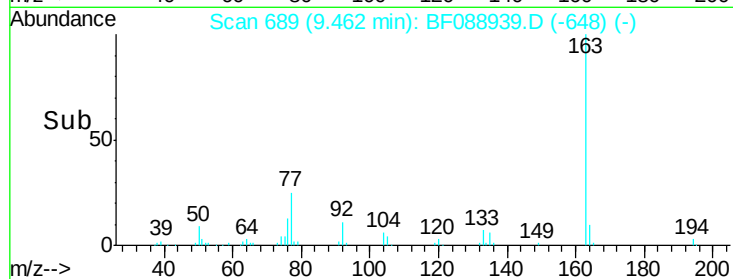
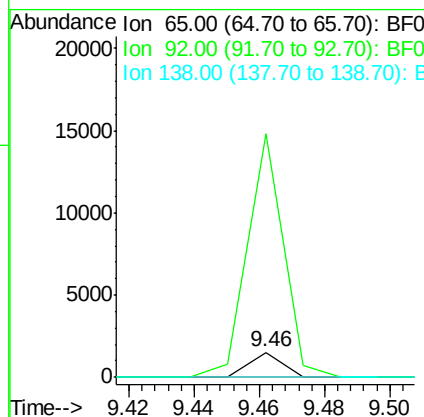
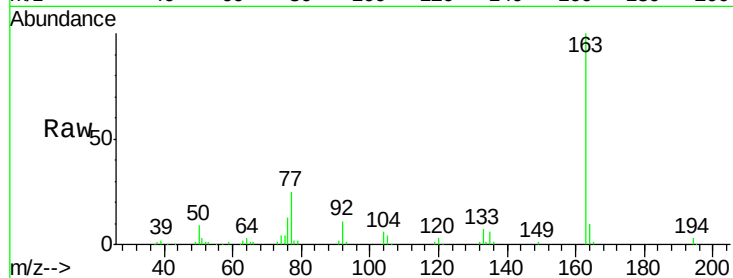




#47
 2-Nitroaniline
 Concen: 0.50 ng
 RT: 9.46 min Scan# 689
 Delta R.T. 0.17 min
 Lab File: BF088939.D
 Acq: 13 Jul 2016 00:55

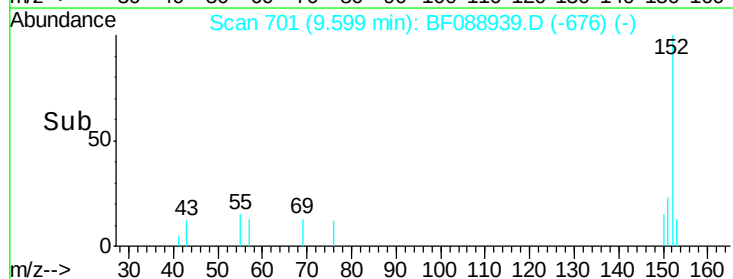
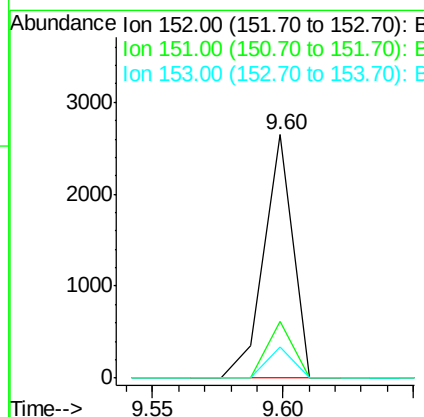
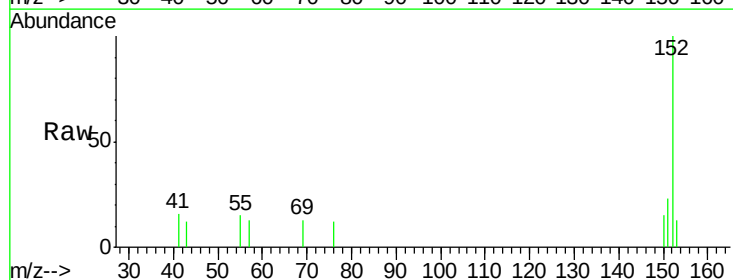
Instrument :
 BNA_F
 ClientSampleId :
 C3-04

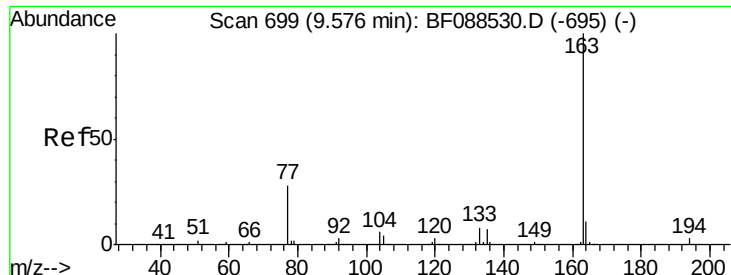
Tgt Ion: 65 Resp: 1039
 Ion Ratio Lower Upper
 65 100
 92 977.4 54.6 82.0#
 138 0.0 77.0 115.4#



#48
 Acenaphthylene
 Concen: 0.22 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.01 min
 Lab File: BF088939.D
 Acq: 13 Jul 2016 00:55

Tgt Ion: 152 Resp: 2055
 Ion Ratio Lower Upper
 152 100
 151 23.1 16.2 24.4
 153 13.0 11.0 16.6





#49

Dimethylphthalate

Concen: 16.67 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

C3-04

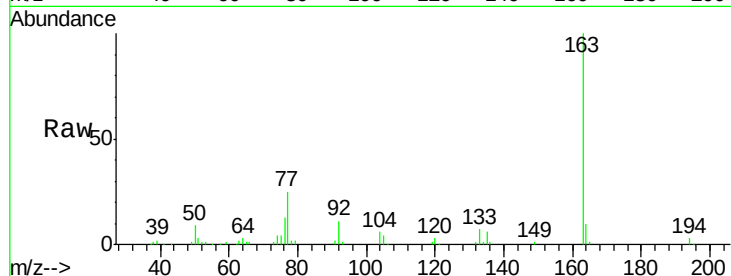
Tgt Ion:163 Resp: 106561

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

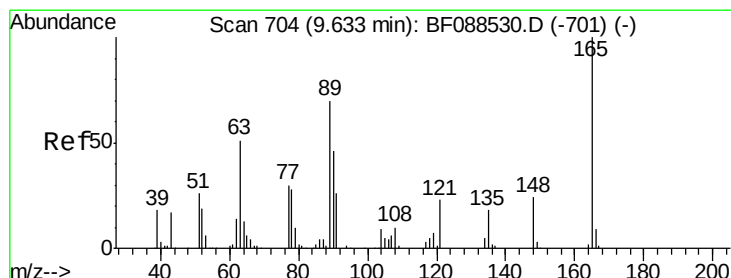
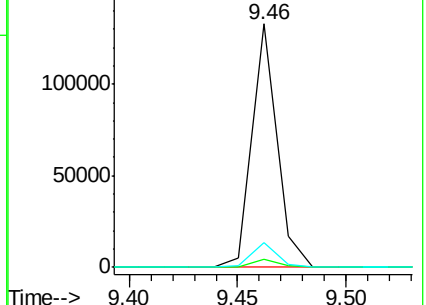
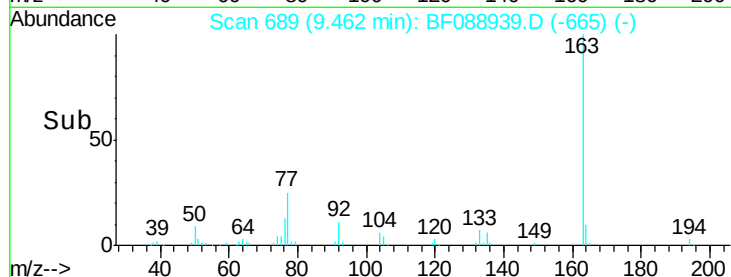
164 10.3 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.75 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.08 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

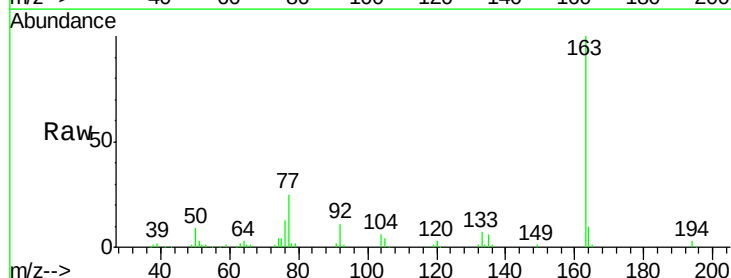
Tgt Ion:165 Resp: 1068

Ion Ratio Lower Upper

165 100

63 166.8 28.1 42.1#

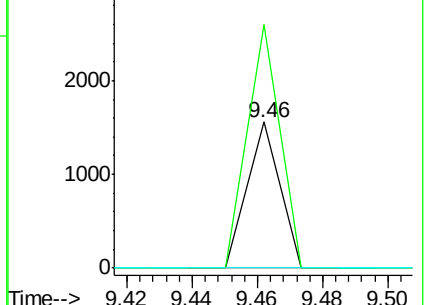
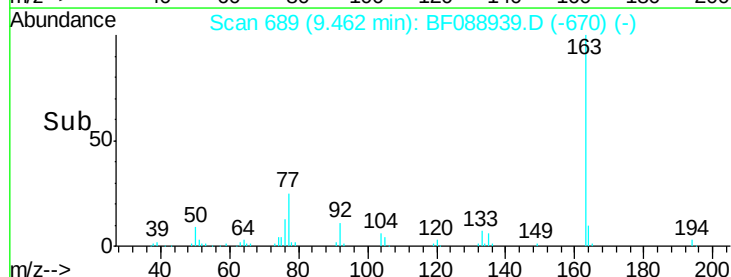
89 0.0 32.2 48.2#

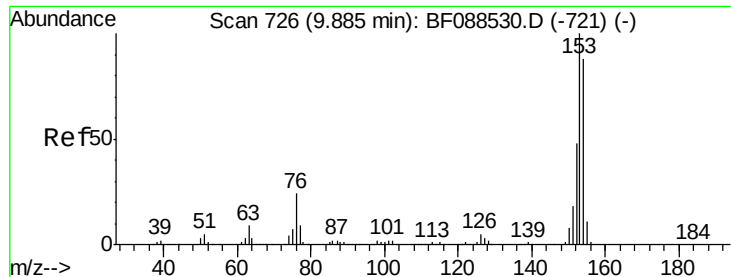


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.05 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.05 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

Instrument :

BNA_F

ClientSampled :

C3-04

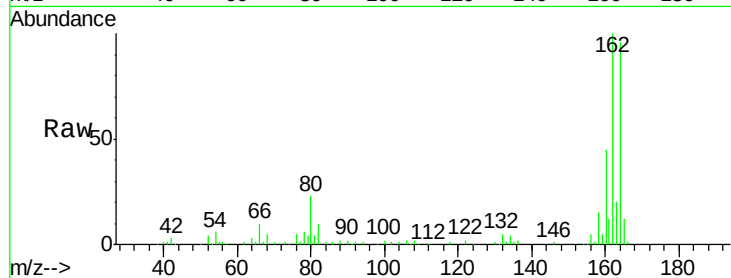
Tgt Ion:154 Resp: 279

Ion Ratio Lower Upper

154 100

153 0.0 89.5 134.3#

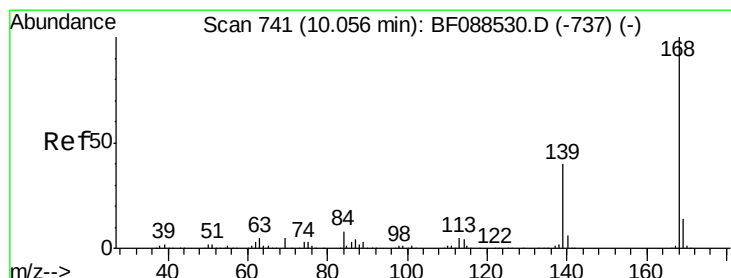
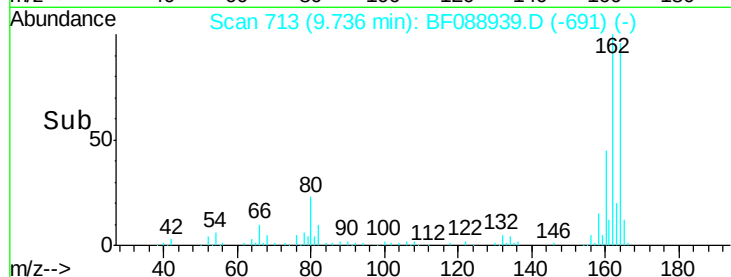
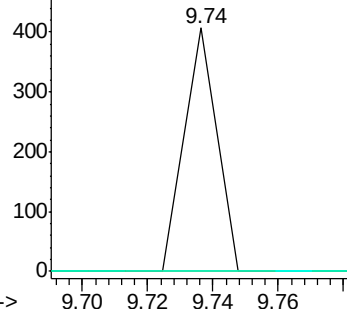
152 0.0 42.7 64.1#



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



#54

Dibenzofuran

Concen: 0.09 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

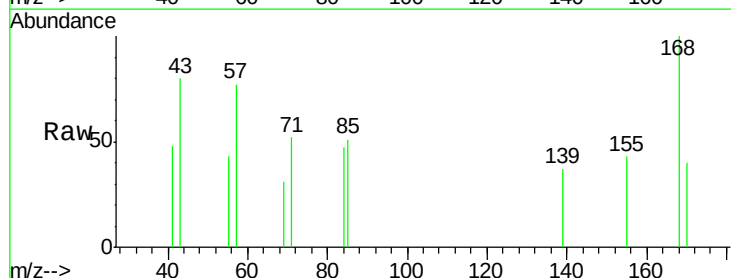
Tgt Ion:168 Resp: 699

Ion Ratio Lower Upper

168 100

139 37.1 26.4 39.6

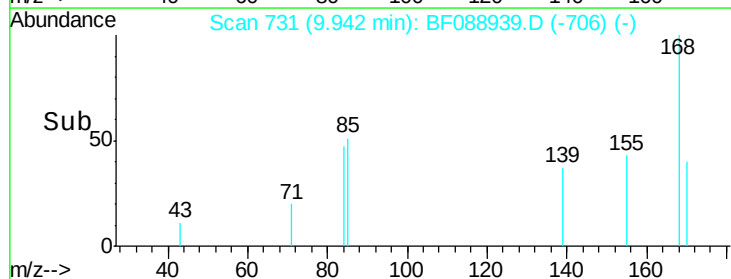
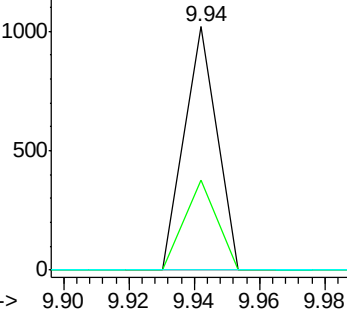
169 0.0 10.4 15.6#

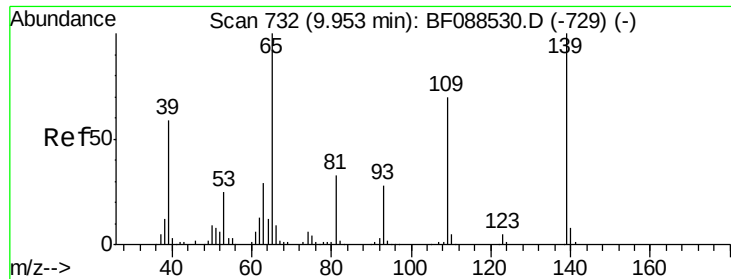


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 0.19 ng

RT: 9.94 min Scan# 731

Delta R.T. 0.07 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

C3-04

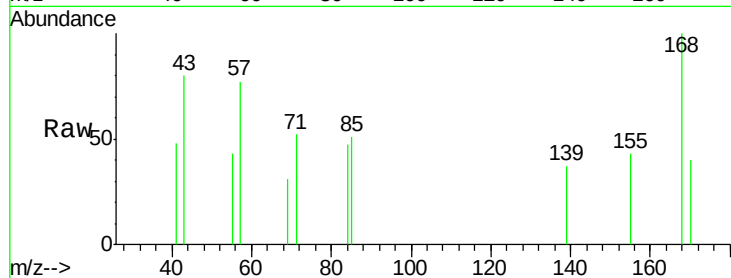
Tgt Ion:139 Resp: 259

Ion Ratio Lower Upper

139 100

109 0.0 48.9 88.9#

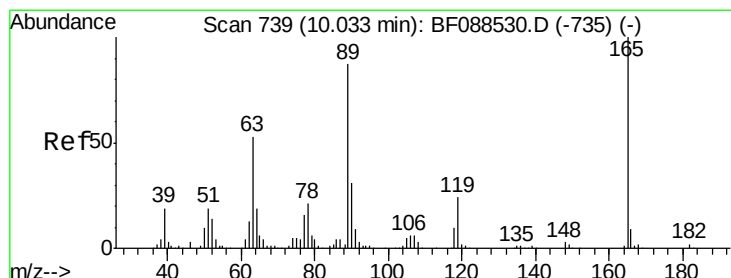
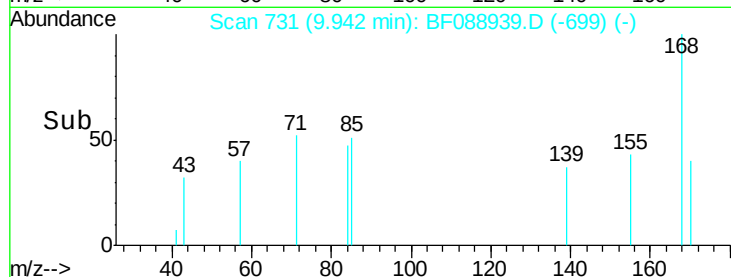
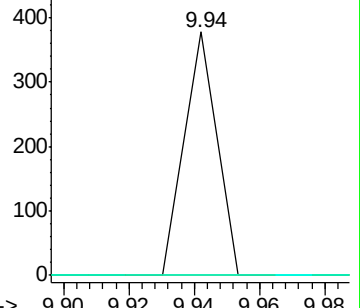
65 0.0 84.9 124.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 6.25 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.21 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

Tgt Ion:165 Resp: 11575

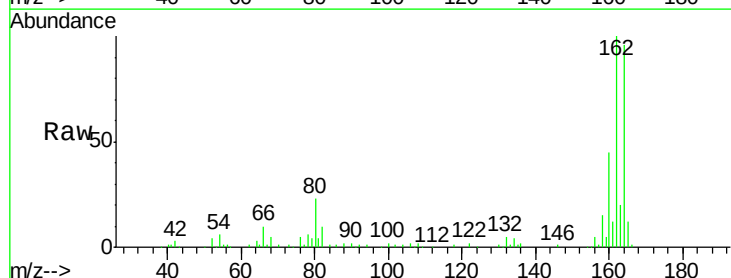
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

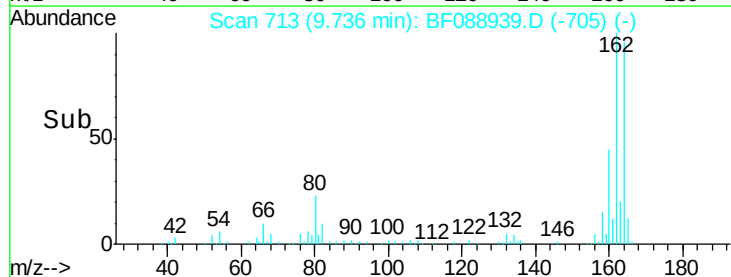
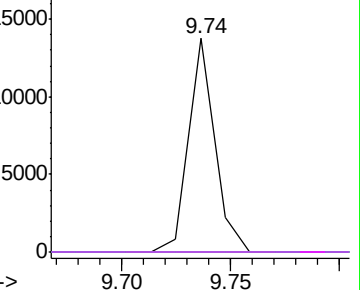


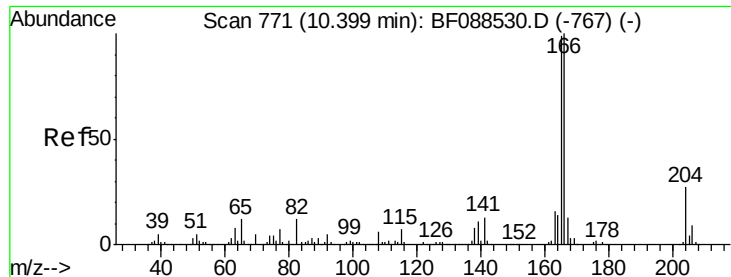
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.04 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

C3-04

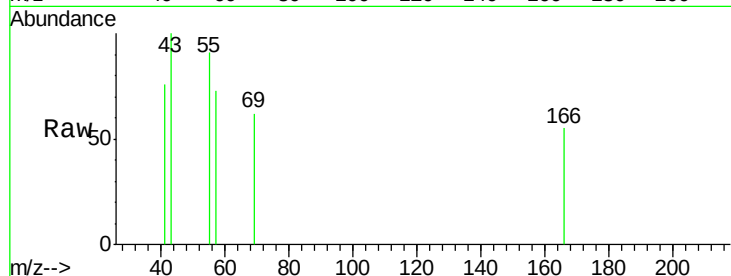
Tgt Ion:166 Resp: 213

Ion Ratio Lower Upper

166 100

165 0.0 77.8 116.8#

167 0.0 11.2 16.8#



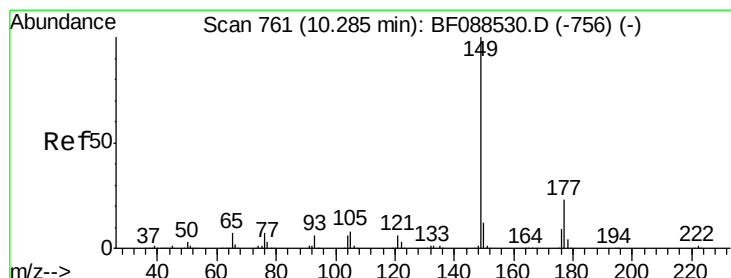
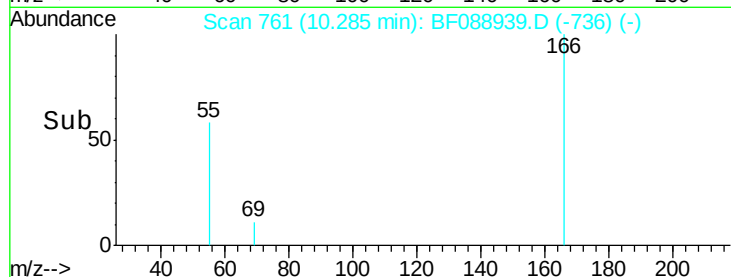
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

10.28

Time-->



#59

Diethylphthalate

Concen: 0.05 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

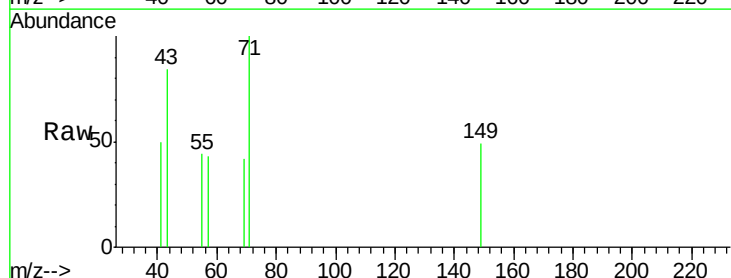
Tgt Ion:149 Resp: 300

Ion Ratio Lower Upper

149 100

177 0.0 16.9 25.3#

150 0.0 10.1 15.1#



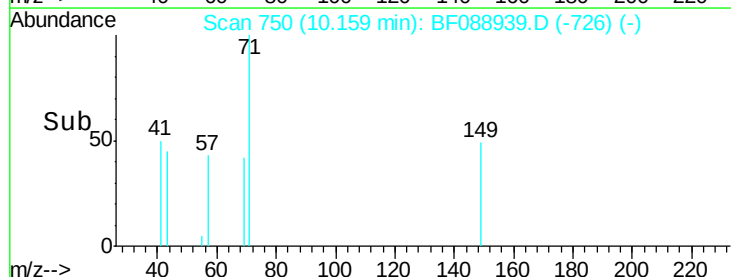
Abundance Ion 149.00 (148.70 to 149.70): E

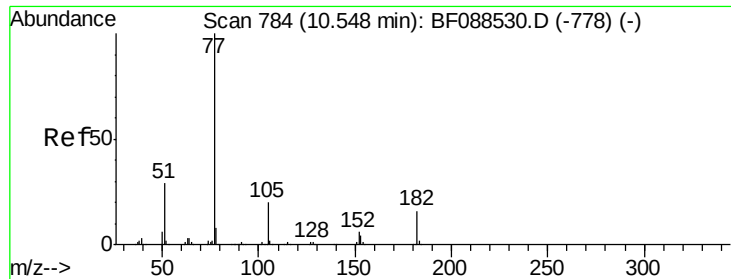
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

10.16

Time-->





#62

Azobenzene

Concen: 0.11 ng

RT: 10.52 min Scan# 782

Delta R.T. 0.08 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

C3-04

Tgt Ion: 77 Resp: 785

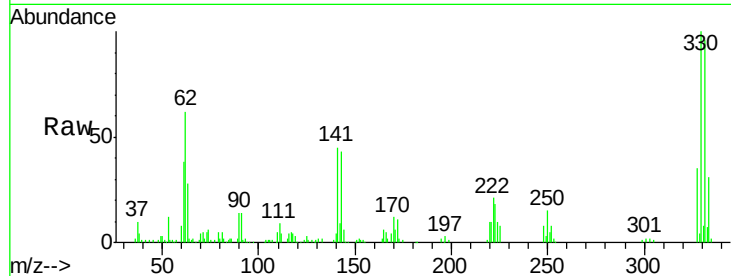
Ion Ratio Lower Upper

77 100

182 53.5 4.4 44.4#

105 80.1 3.8 43.8#

51 69.8 9.3 49.3#

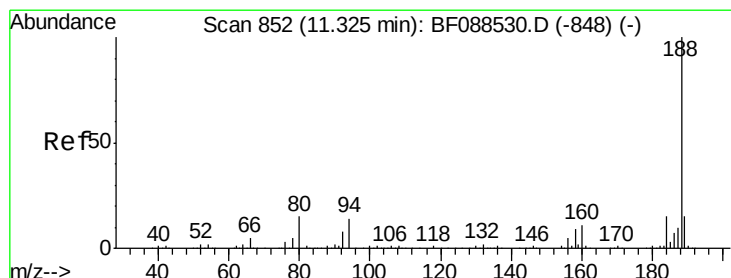
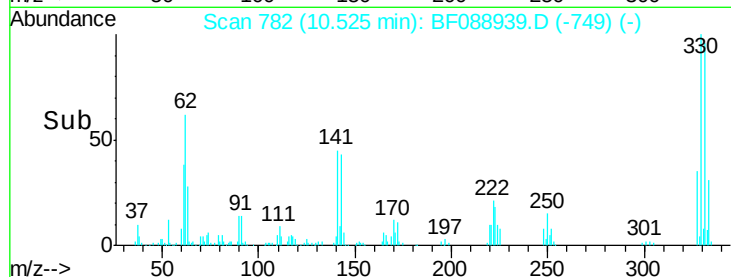
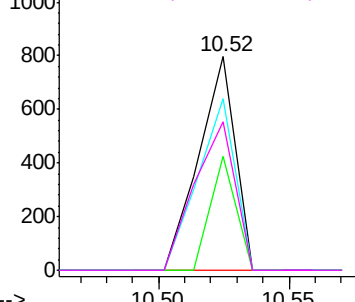


Abundance Ion 77.00 (76.70 to 77.70): BF0

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# 842

Delta R.T. -0.01 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

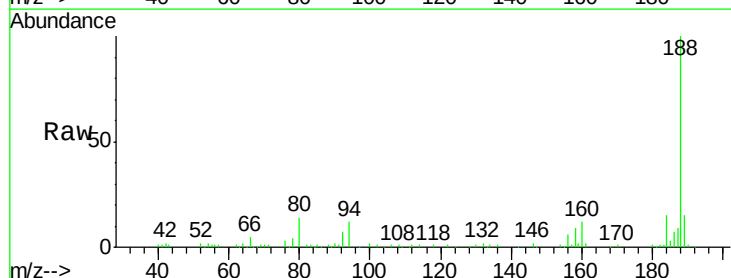
Tgt Ion: 188 Resp: 130748

Ion Ratio Lower Upper

188 100

94 12.0 9.0 13.6

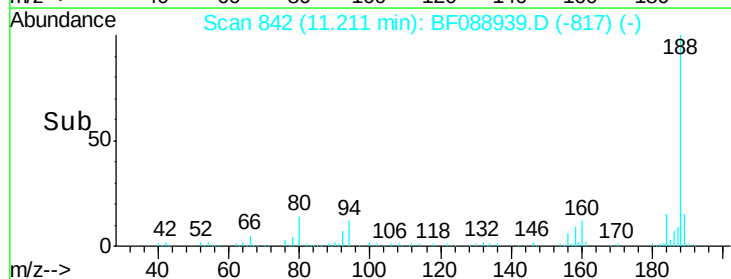
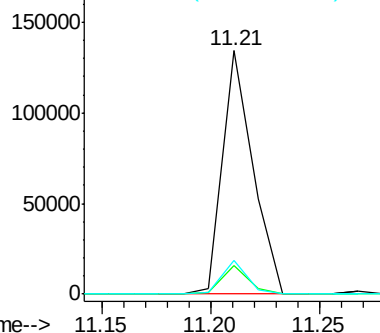
80 14.1 10.0 15.0

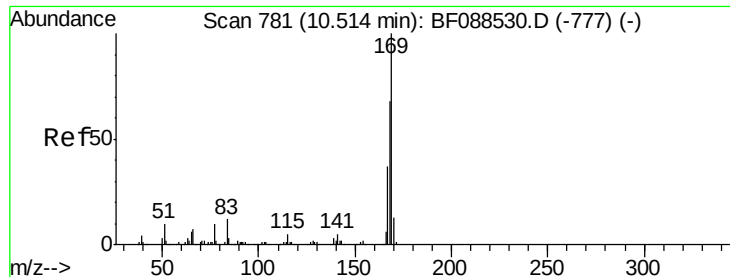


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

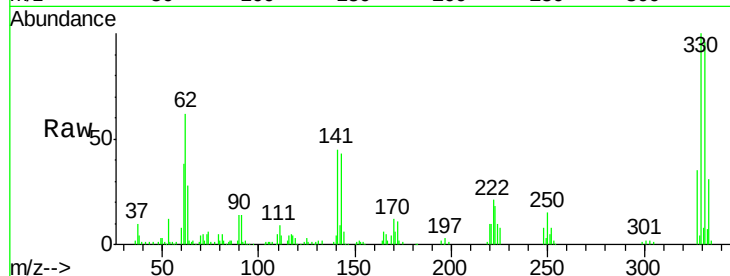




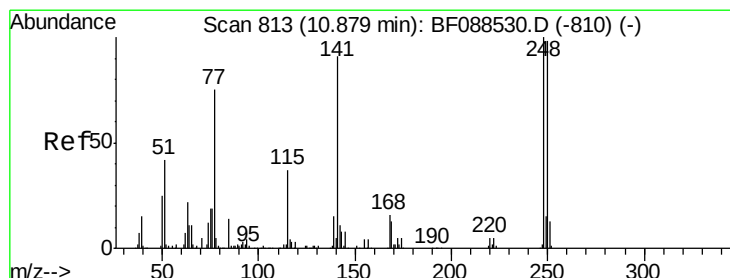
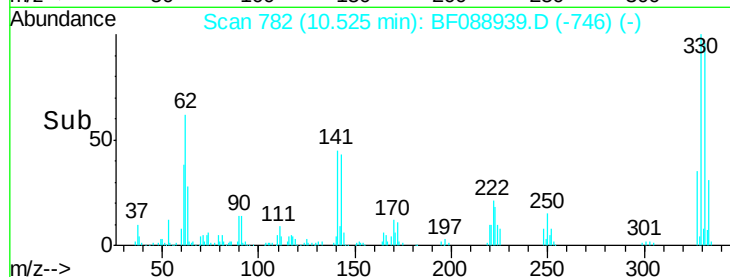
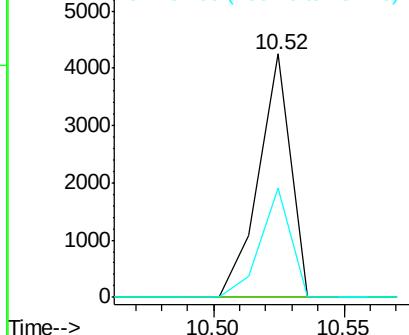
#65
 n-Nitrosodiphenylamine
 Concen: 0.83 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.11 min
 Lab File: BF088939.D
 Acq: 13 Jul 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 C3-04

Tgt Ion:169 Resp: 3656
 Ion Ratio Lower Upper
 169 100
 168 0.0 53.4 80.0#
 167 44.9 29.4 44.0#

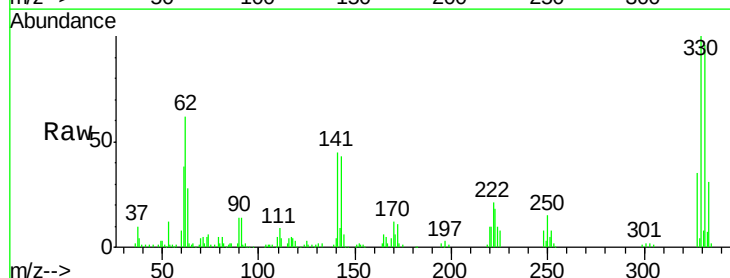


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

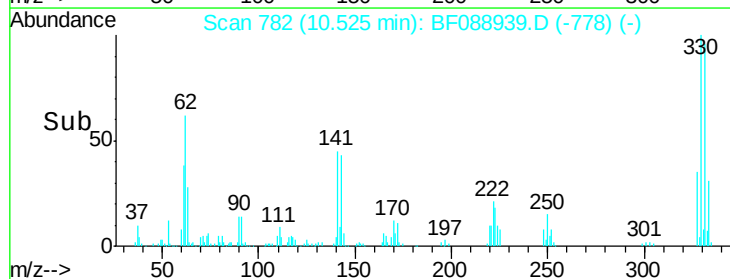
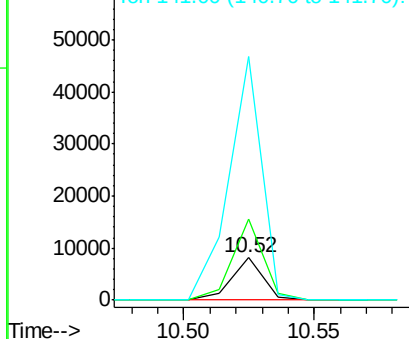


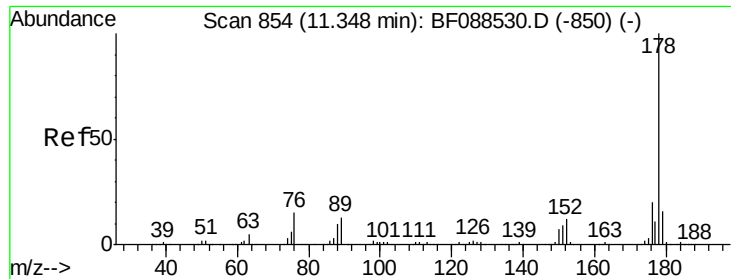
#66
 4-Bromophenyl-phenylether
 Concen: 5.14 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.25 min
 Lab File: BF088939.D
 Acq: 13 Jul 2016 00:55

Tgt Ion:248 Resp: 6766
 Ion Ratio Lower Upper
 248 100
 250 191.9 77.1 115.7#
 141 579.2 50.6 76.0#



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

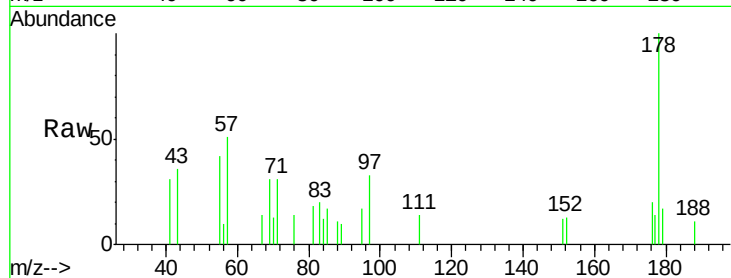




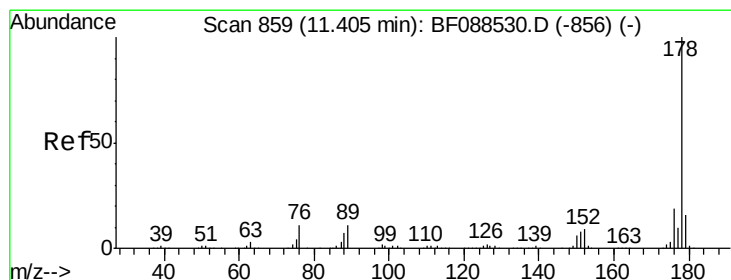
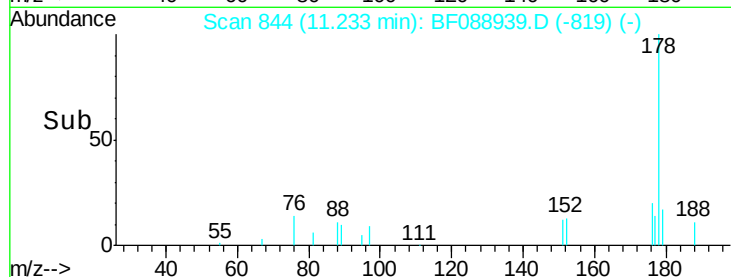
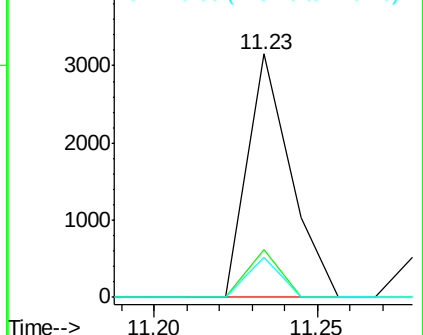
#70
Phenanthrene
Concen: 0.40 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088939.D
Acq: 13 Jul 2016 00:55

Instrument :
BNA_F
ClientSampleId :
C3-04

Tgt Ion:178 Resp: 2871
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 16.5 13.0 19.4

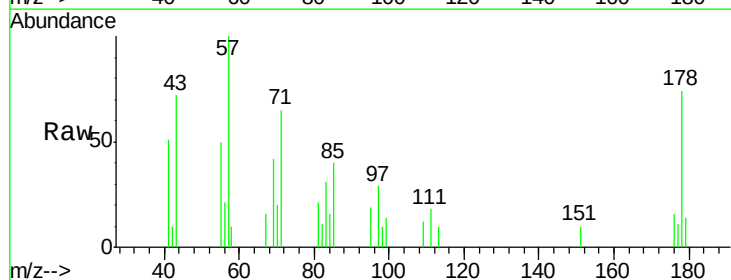


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

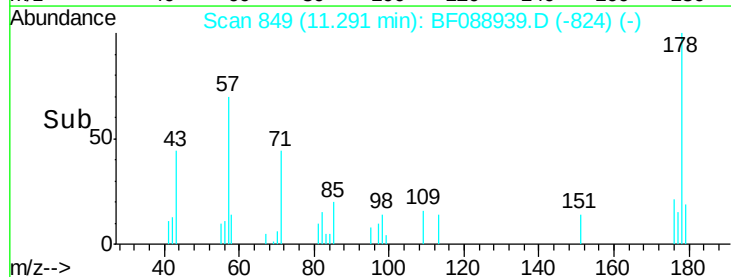
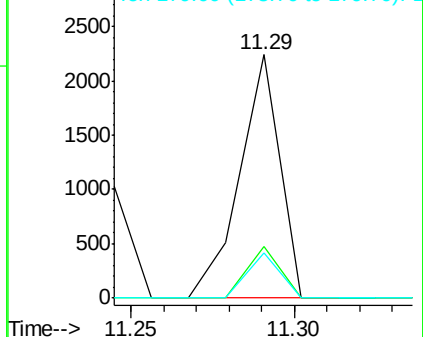


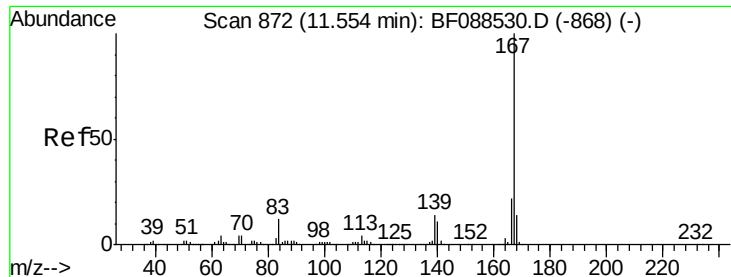
#71
Anthracene
Concen: 0.27 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF088939.D
Acq: 13 Jul 2016 00:55

Tgt Ion:178 Resp: 1889
Ion Ratio Lower Upper
178 100
176 21.2 15.6 23.4
179 18.8 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





#72

Carbazole

Concen: 0.14 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

C3-04

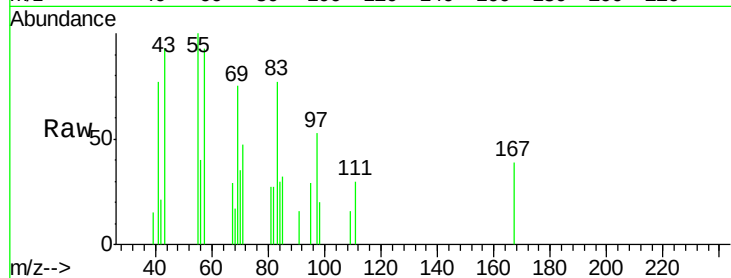
Tgt Ion:167 Resp: 927

Ion Ratio Lower Upper

167 100

166 0.0 17.8 26.6#

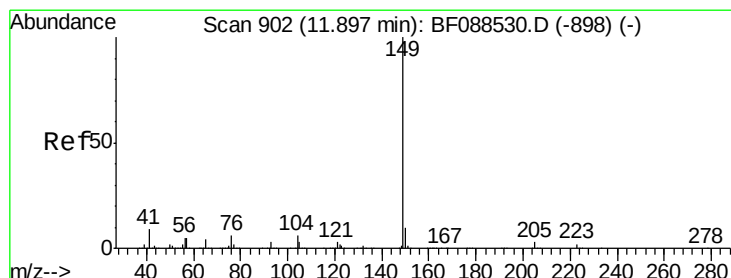
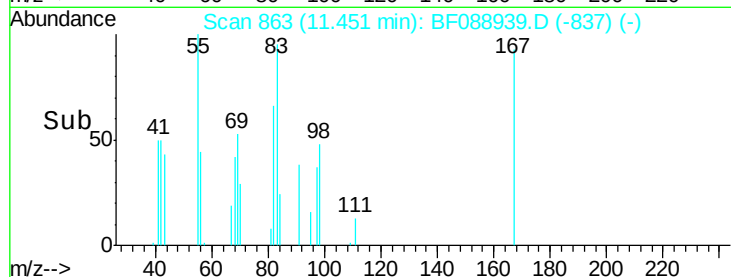
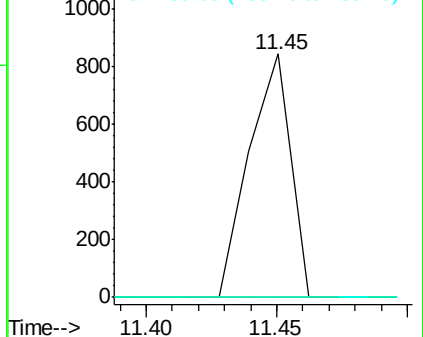
139 0.0 11.2 16.8#



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: 0.26 ng

RT: 11.78 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

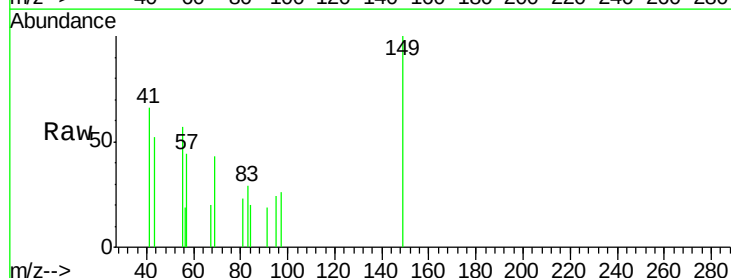
Tgt Ion:149 Resp: 2031

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

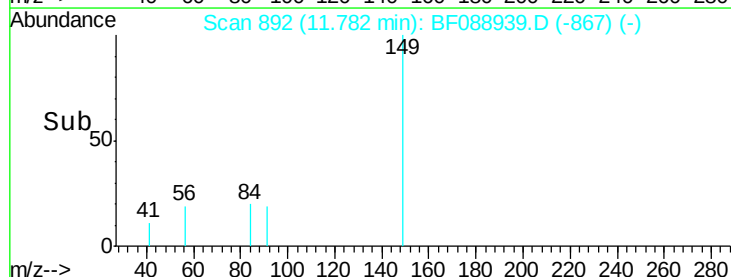
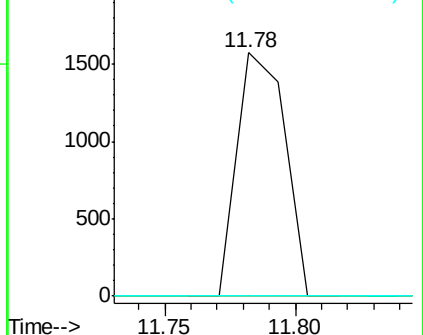
104 0.0 4.0 6.0#

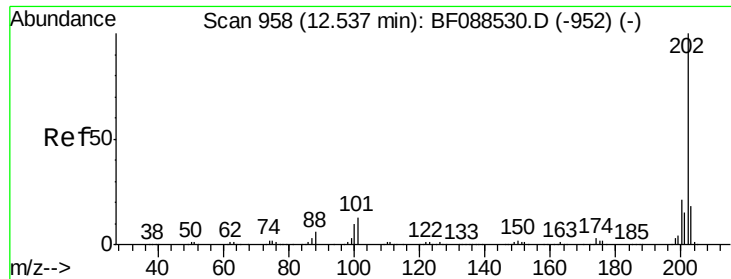


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

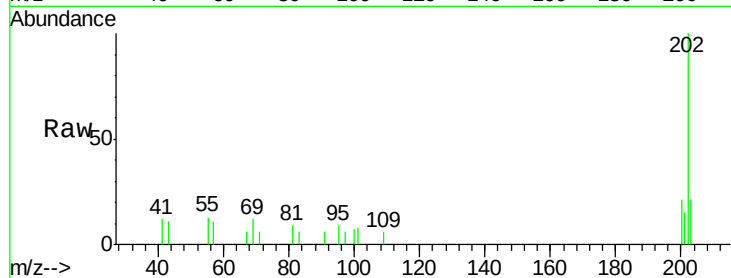




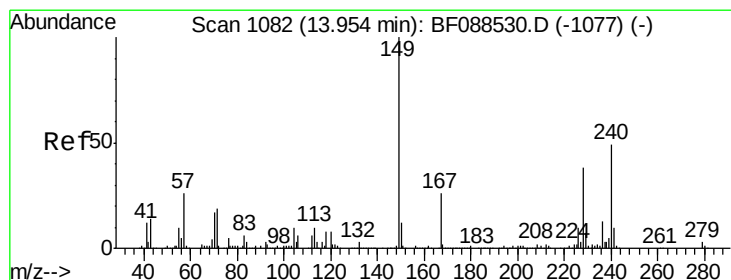
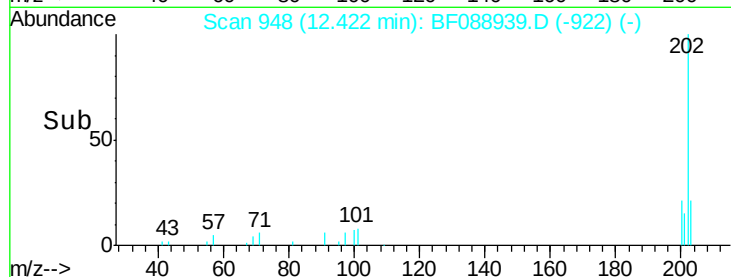
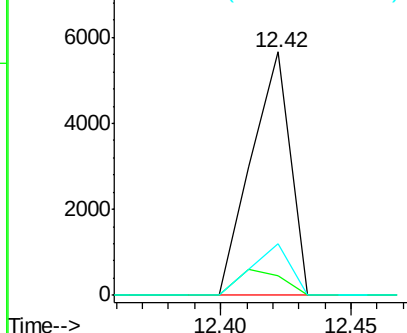
#74
Fluoranthene
Concen: 0.82 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF088939.D
Acq: 13 Jul 2016 00:55

Instrument :
BNA_F
ClientSampleId :
C3-04

Tgt Ion: 202 Resp: 5929
Ion Ratio Lower Upper
202 100
101 8.2 0.0 33.1
203 21.4 0.0 38.1

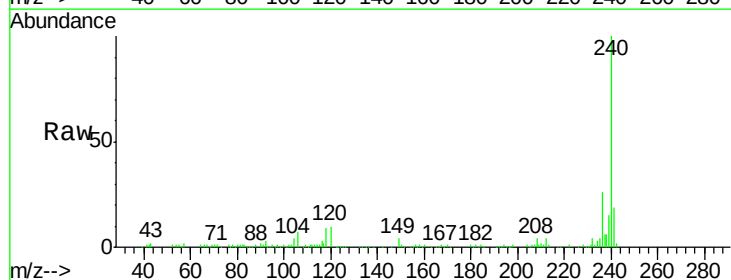


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

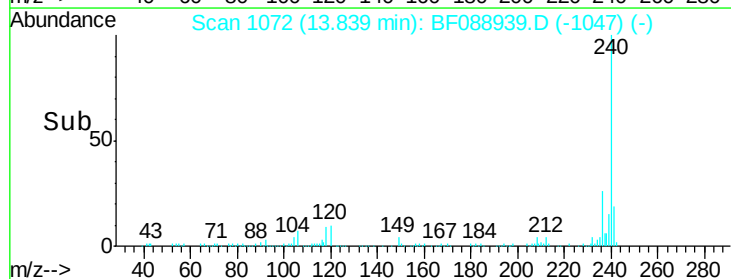
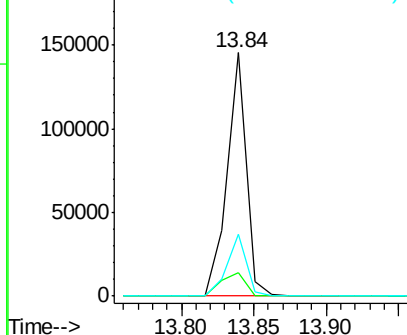


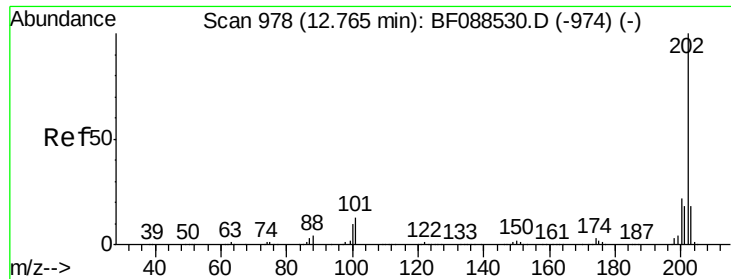
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088939.D
Acq: 13 Jul 2016 00:55

Tgt Ion: 240 Resp: 133652
Ion Ratio Lower Upper
240 100
120 9.7 6.8 10.2
236 25.6 20.2 30.2



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

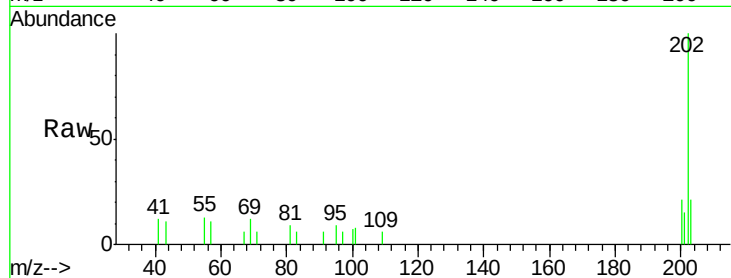




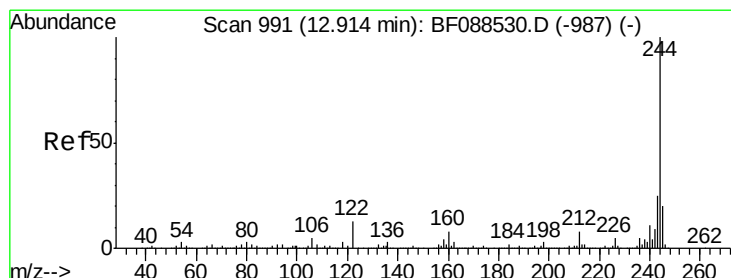
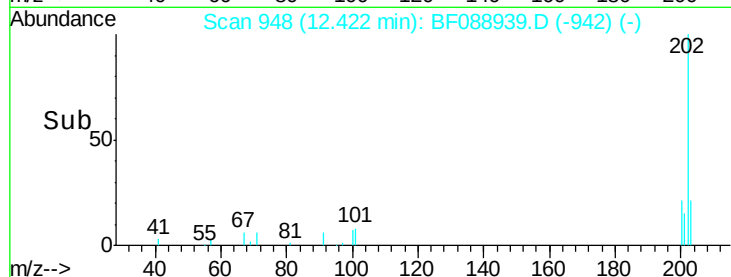
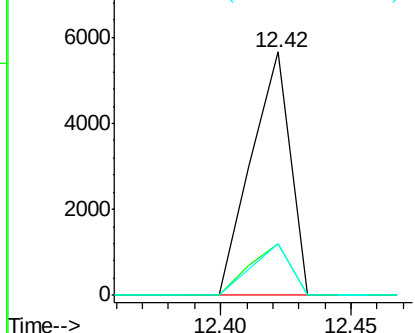
#77
 Pyrene
 Concen: 0.52 ng
 RT: 12.42 min Scan# 948
 Delta R.T. -0.23 min
 Lab File: BF088939.D
 Acq: 13 Jul 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 C3-04

Tgt Ion: 202 Resp: 5929
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.4 26.2
 203 21.4 14.5 21.7

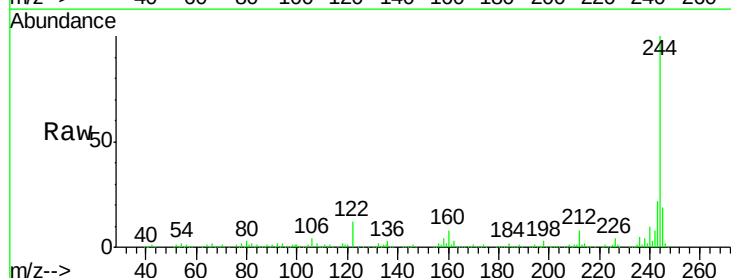


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

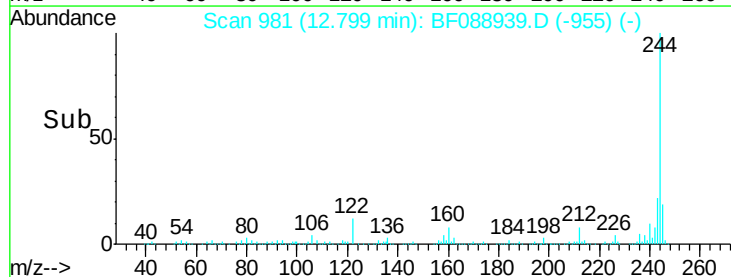
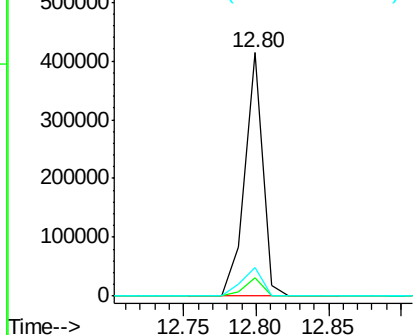


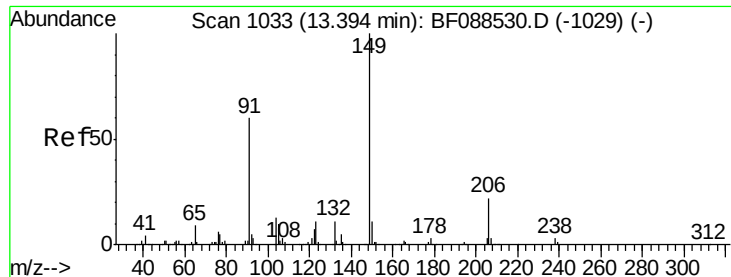
#78
 Terphenyl-d14
 Concen: 59.15 ng
 RT: 12.80 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF088939.D
 Acq: 13 Jul 2016 00:55

Tgt Ion: 244 Resp: 354929
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 12.0 11.2 16.8



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

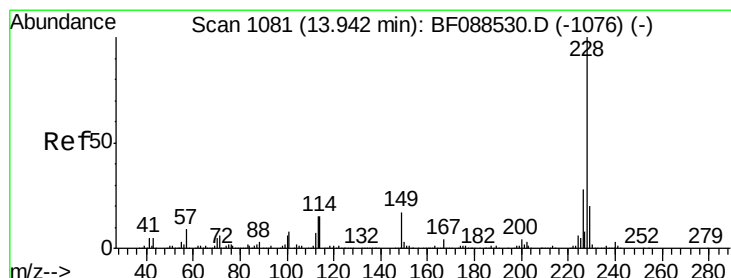
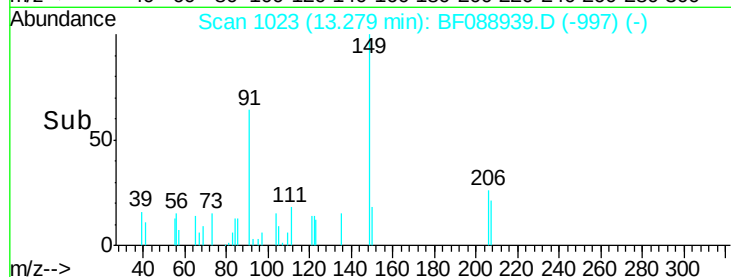
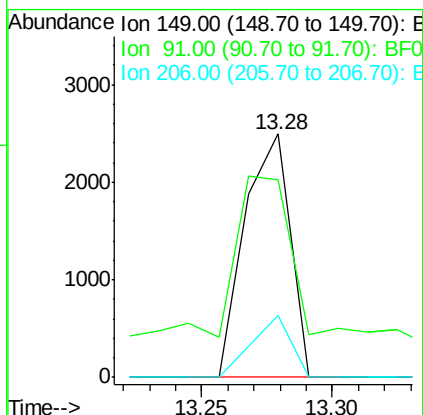
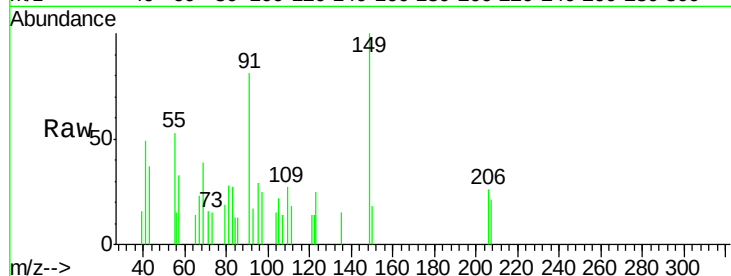




#79
Butylbenzylphthalate
Concen: 0.59 ng
RT: 13.28 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF088939.D
Acq: 13 Jul 2016 00:55

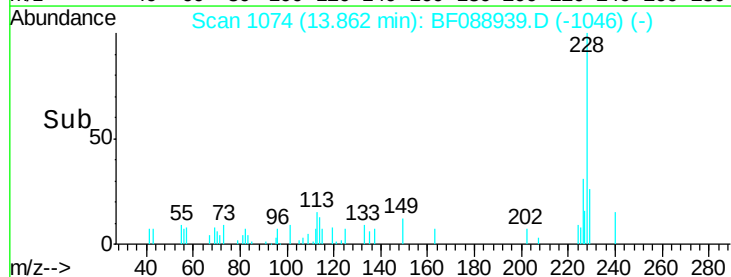
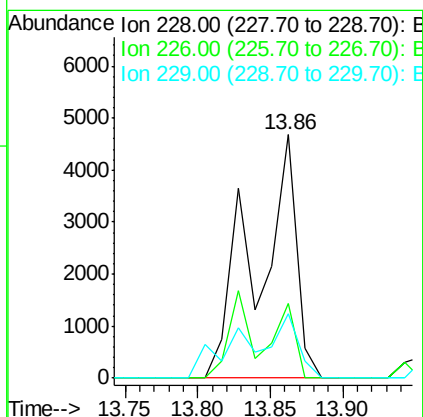
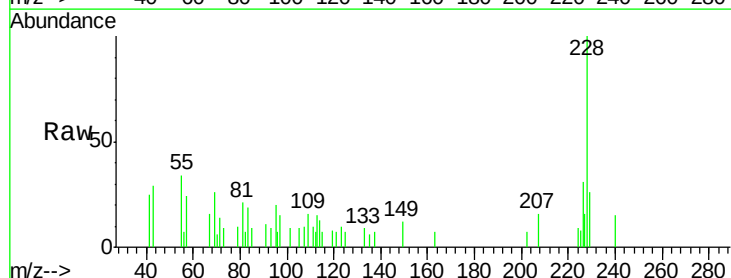
Instrument :
BNA_F
ClientSampleId :
C3-04

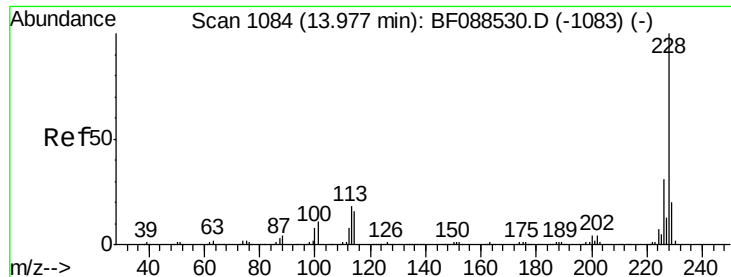
Tgt Ion:149 Resp: 2998
Ion Ratio Lower Upper
149 100
91 81.2 48.0 72.0#
206 25.6 16.0 24.0#



#80
Benzo(a)anthracene
Concen: 1.05 ng
RT: 13.86 min Scan# 1074
Delta R.T. 0.02 min
Lab File: BF088939.D
Acq: 13 Jul 2016 00:55

Tgt Ion:228 Resp: 9006
Ion Ratio Lower Upper
228 100
226 30.9 22.3 33.5
229 26.3 16.0 24.0#





#82

Chrysene

Concen: 1.06 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

C3-04

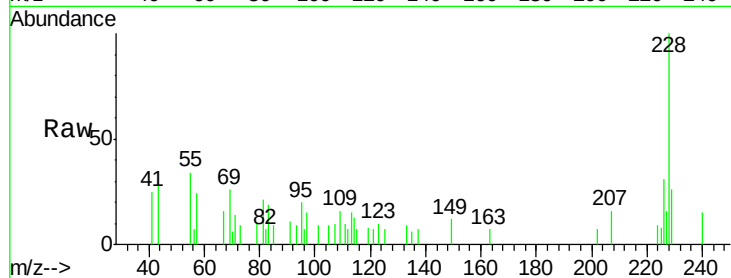
Tgt Ion:228 Resp: 9006

Ion Ratio Lower Upper

228 100

226 30.9 25.4 38.2

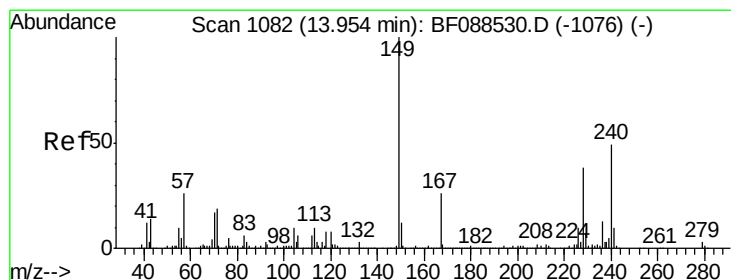
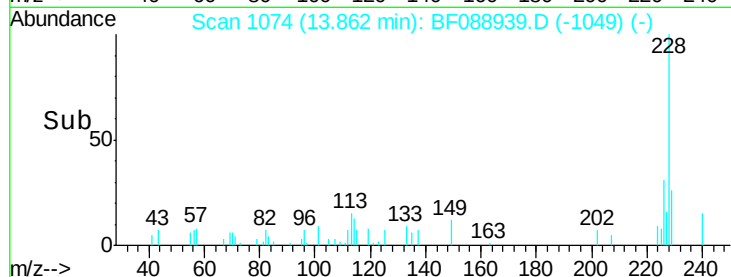
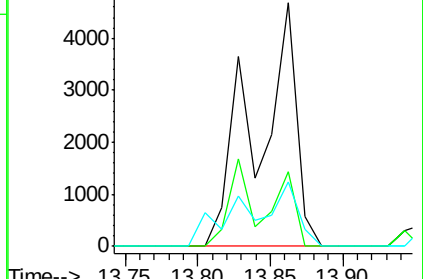
229 26.3 16.3 24.5#



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: 1.13 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.00 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

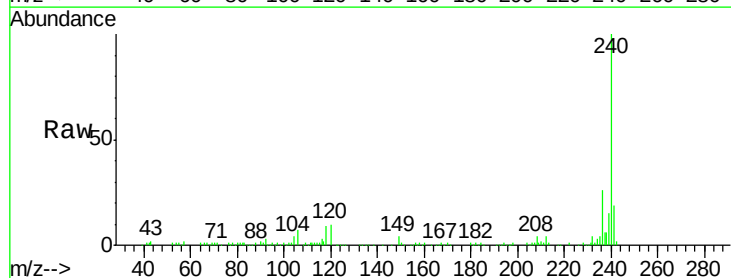
Tgt Ion:149 Resp: 6510

Ion Ratio Lower Upper

149 100

167 27.3 20.5 30.7

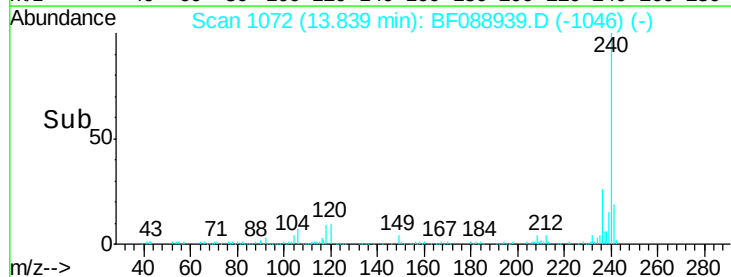
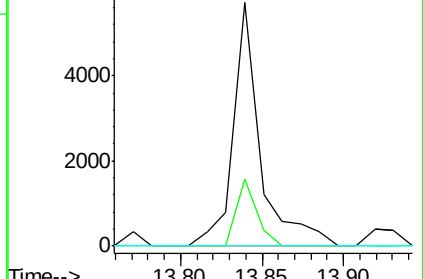
279 0.0 2.0 3.0#

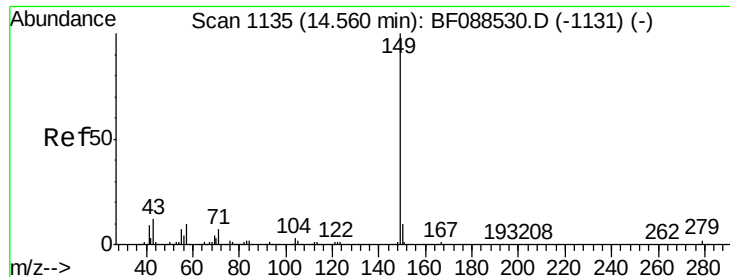


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.05 ng

RT: 14.45 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

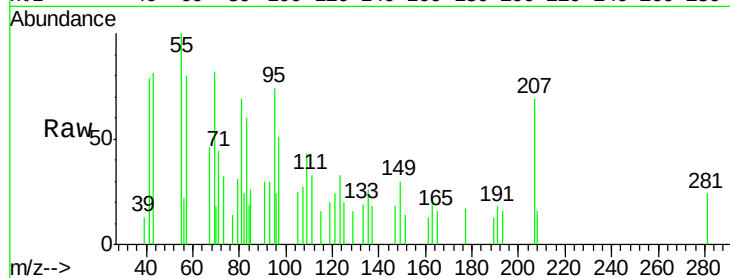
Instrument :

BNA_F

ClientSampleId :

C3-04

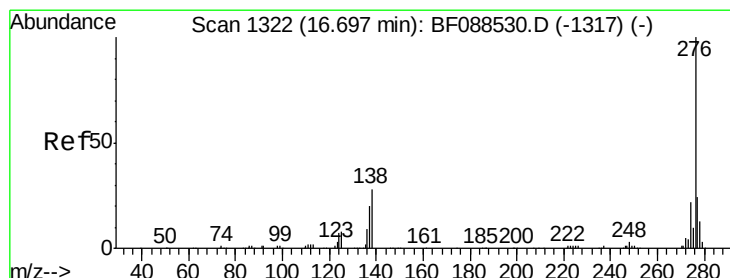
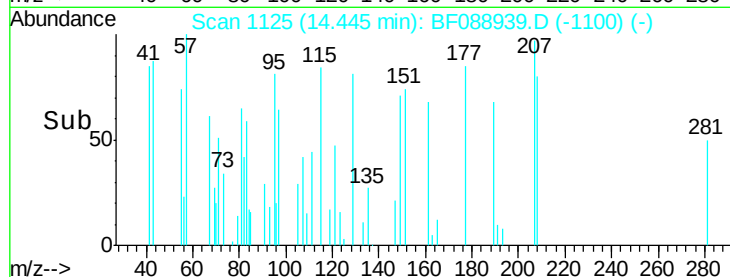
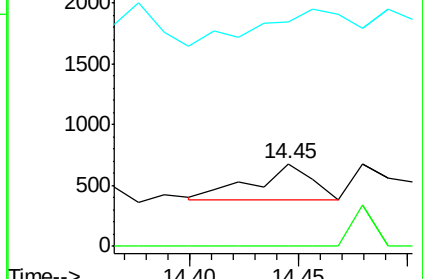
Tgt Ion:	149	Resp:	537
Ion Ratio	Lower	Upper	
149	100		
167	0.0	0.0	0.0
43	169.3	0.0	0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.35 ng

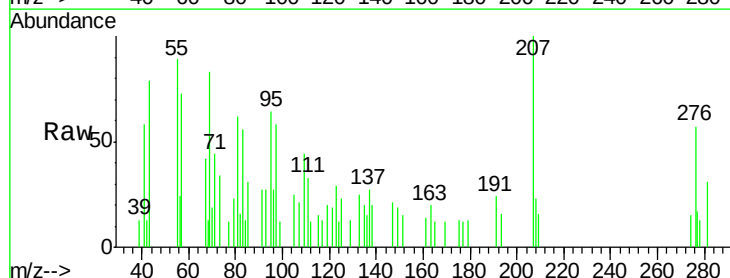
RT: 16.49 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

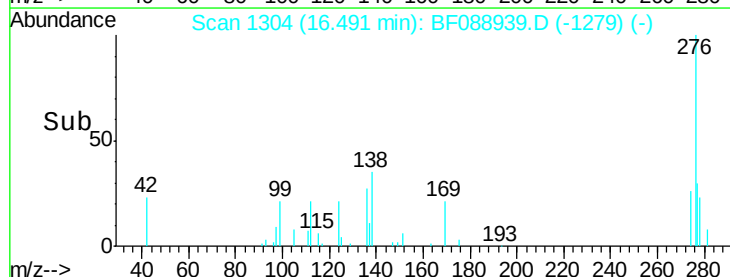
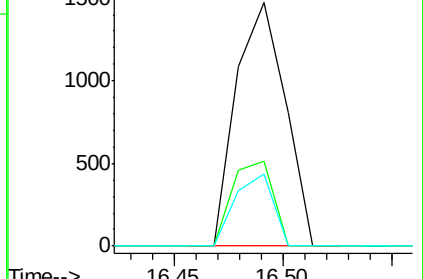
Tgt Ion:	276	Resp:	2313
Ion Ratio	Lower	Upper	
276	100		
138	29.0	0.0	0.0#
277	22.8	0.0	0.0#

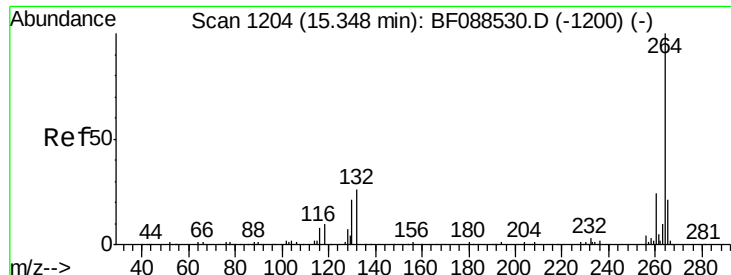


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



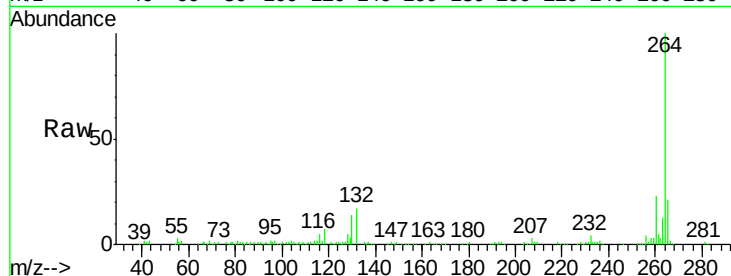


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF088939.D
Acq: 13 Jul 2016 00:55

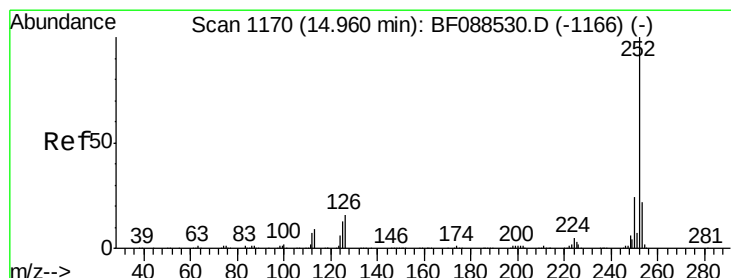
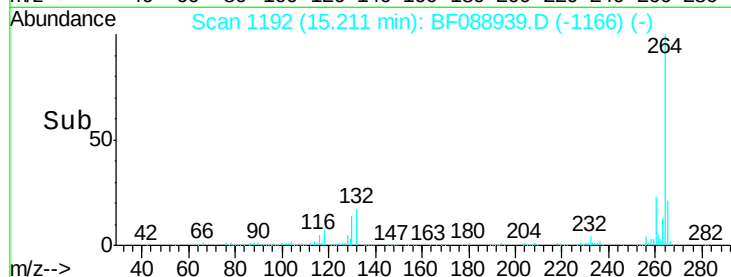
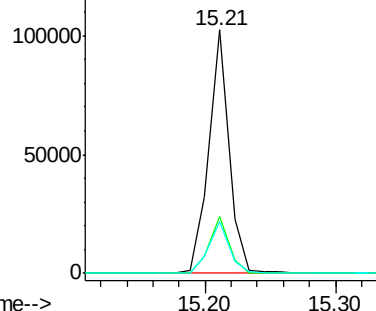
Instrument :
BNA_F
ClientSampled :
C3-04

Tgt Ion: 264 Resp: 110019

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	16.9	25.3



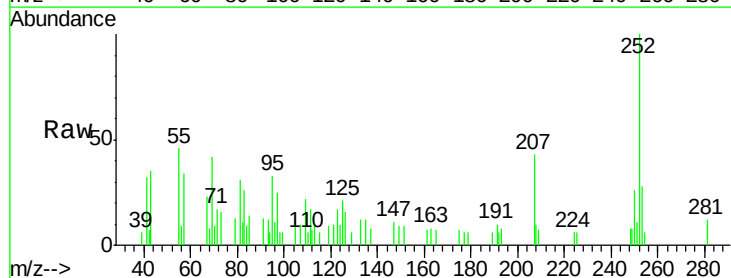
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



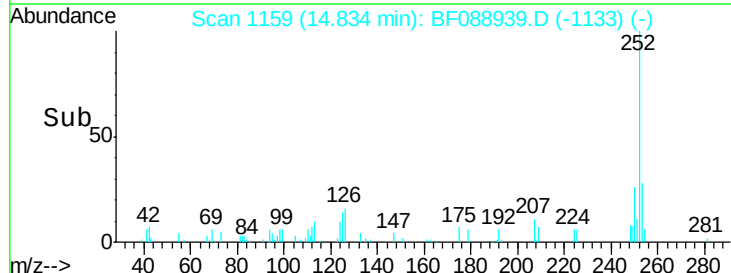
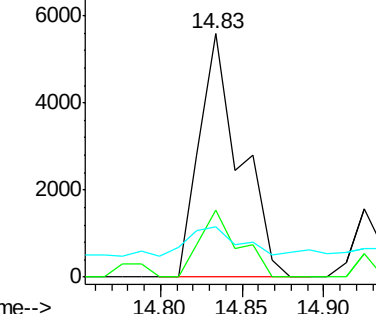
#87
Benzo(b)fluoranthene
Concen: 1.40 ng
RT: 14.83 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF088939.D
Acq: 13 Jul 2016 00:55

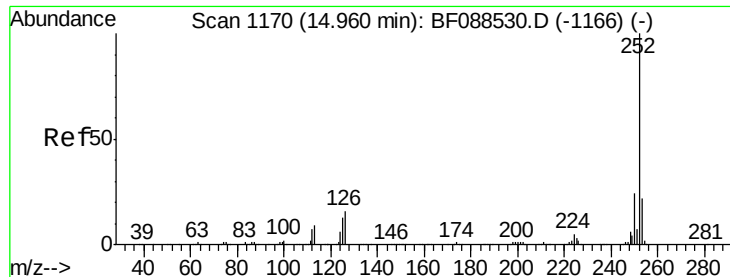
Tgt Ion: 252 Resp: 9640

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.4	26.2#
125	20.6	7.1	10.7#



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





#88

Benzo(k)fluoranthene

Concen: 1.60 ng

RT: 14.83 min Scan# 1159

Delta R.T. -0.03 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

C3-04

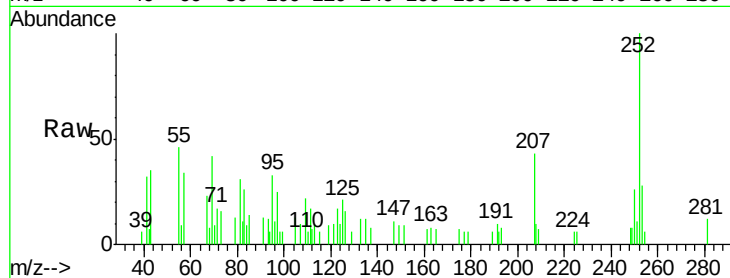
Tgt Ion:252 Resp: 9640

Ion Ratio Lower Upper

252 100

253 27.7 18.0 27.0#

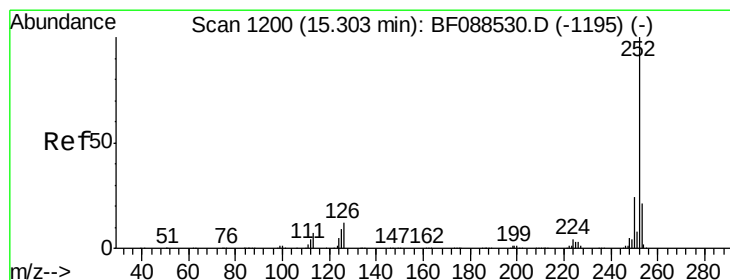
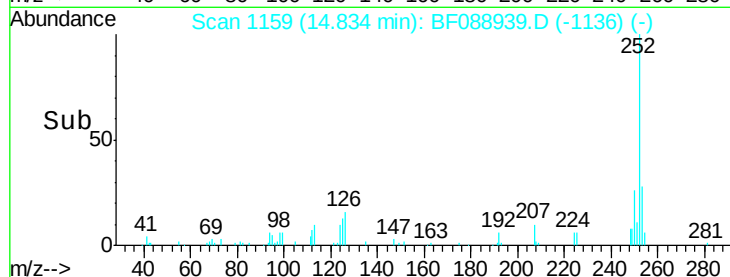
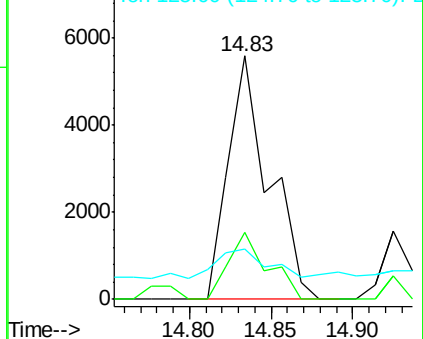
125 20.6 11.2 16.8#



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: 0.56 ng

RT: 15.15 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

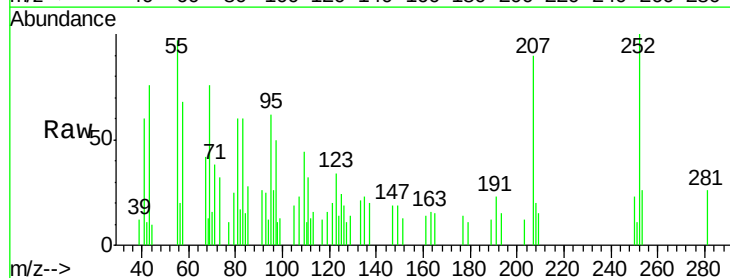
Tgt Ion:252 Resp: 3264

Ion Ratio Lower Upper

252 100

253 26.1 17.9 26.9

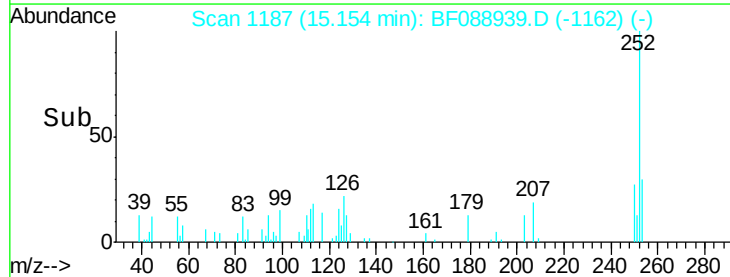
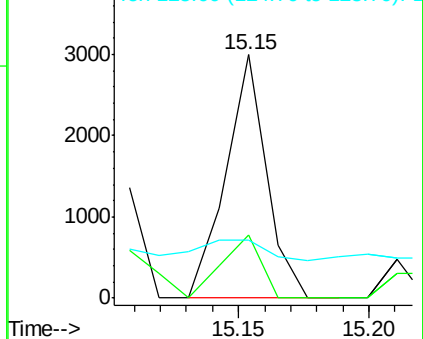
125 23.8 12.5 18.7#

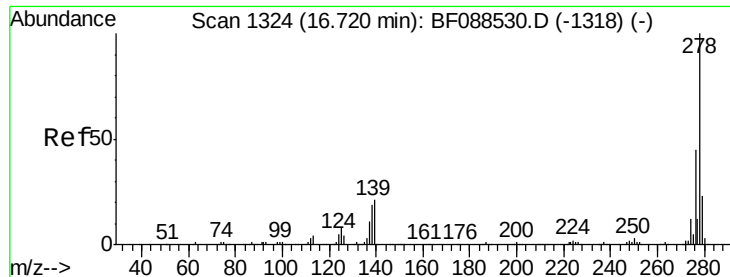


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.10 ng

RT: 16.50 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

Instrument :

BNA_F

ClientSampled :

C3-04

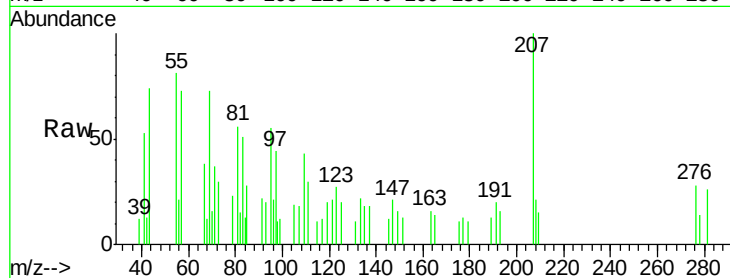
Tgt Ion: 278 Resp: 503

Ion Ratio Lower Upper

278 100

139 0.0 15.7 23.5#

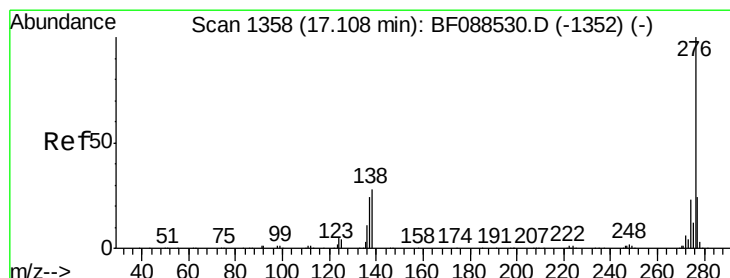
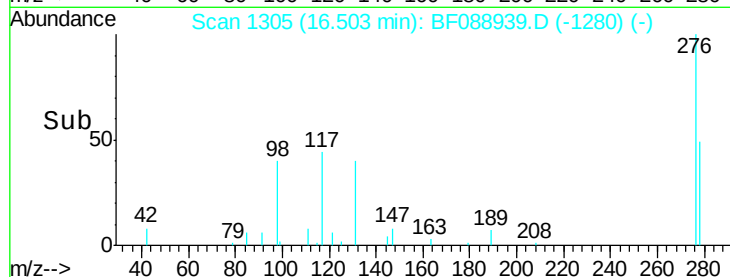
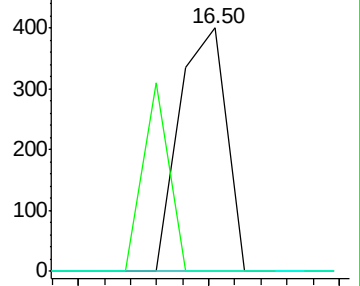
279 0.0 19.4 29.2#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.51 ng

RT: 16.87 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

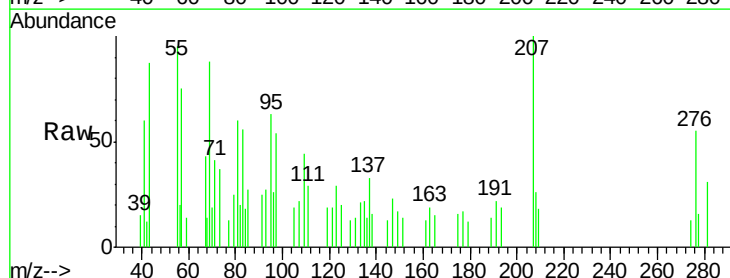
Tgt Ion: 276 Resp: 2590

Ion Ratio Lower Upper

276 100

277 28.9 18.9 28.3#

138 29.9 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

