

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
 Data File : BF088931.D
 Acq On : 12 Jul 2016 20:59
 Operator : UM/SJ
 Sample : H3889-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-15(BG)

Quant Time: Jul 13 02:16:49 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	66413	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	266417	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	106124	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	146394	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	145614	20.00	ng	-0.01
86) Perylene-d12	15.21	264	130769	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	301407	68.02	ng	0.00
7) Phenol-d6	6.35	99	452604	79.05	ng	0.00
23) Nitrobenzene-d5	7.27	82	266405	52.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	69650	70.68	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	461801	68.74	ng	0.00
78) Terphenyl-d14	12.80	244	284323	43.49	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.40	93	2005	0.24	ng	# 45
9) Benzaldehyde	6.24	77	1073	0.28	ng	# 64
10) Phenol	6.36	94	678	0.10	ng	# 69
11) bis(2-Chloroethyl)ether	6.47	93	440	0.09	ng	# 1
15) Benzyl Alcohol	6.86	79	5177	1.23	ng	# 46
17) 2-Methylphenol	6.84	107	209	0.05	ng	# 1
19) n-Nitroso-di-n-propylamine	7.27	70	36364	9.45	ng	# 72
24) Nitrobenzene	7.27	77	616	0.12	ng	# 31
25) Isophorone	7.27	82	216146	22.95	ng	# 65
27) 2,4-Dimethylphenol	7.71	122	1821	0.42	ng	# 7
31) Naphthalene	8.01	128	872	0.07	ng	# 68
32) Benzoic acid	7.71	122	1821	0.57	ng	# 84
37) 2-Methylnaphthalene	8.70	142	562	0.07	ng	# 67
45) 1,1'-Biphenyl	9.07	154	929	0.11	ng	# 1
47) 2-Nitroaniline	9.20	65	260	0.11	ng	# 7
48) Acenaphthylene	9.60	152	4011	0.37	ng	96
49) Dimethylphthalate	9.46	163	74667	9.88	ng	99
50) 2,6-Dinitrotoluene	9.46	165	809	0.48	ng	# 1
51) Acenaphthene	9.77	154	490	0.07	ng	# 67
54) Dibenzofuran	9.94	168	449	0.05	ng	# 49
56) 2,4-Dinitrotoluene	9.74	165	13337	6.09	ng	# 37
57) Fluorene	10.28	166	1023	0.15	ng	# 75
59) Diethylphthalate	10.16	149	695	0.09	ng	# 60
62) Azobenzene	10.44	77	217	0.03	ng	# 10
65) n-Nitrosodiphenylamine	10.52	169	2488	0.50	ng	# 43
66) 4-Bromophenyl-phenylether	10.52	248	4690	3.18	ng	# 1
70) Phenanthrene	11.23	178	15890	1.99	ng	98
71) Anthracene	11.29	178	3615	0.45	ng	95
72) Carbazole	11.44	167	1171	0.16	ng	# 79
73) Di-n-butylphthalate	11.78	149	1315	0.15	ng	# 77
74) Fluoranthene	12.42	202	28177	3.47	ng	92
77) Pyrene	12.64	202	31078	2.52	ng	98
79) Butylbenzylphthalate	13.28	149	825	0.15	ng	# 15
80) Benzo(a)anthracene	13.86	228	16188	1.73	ng	97

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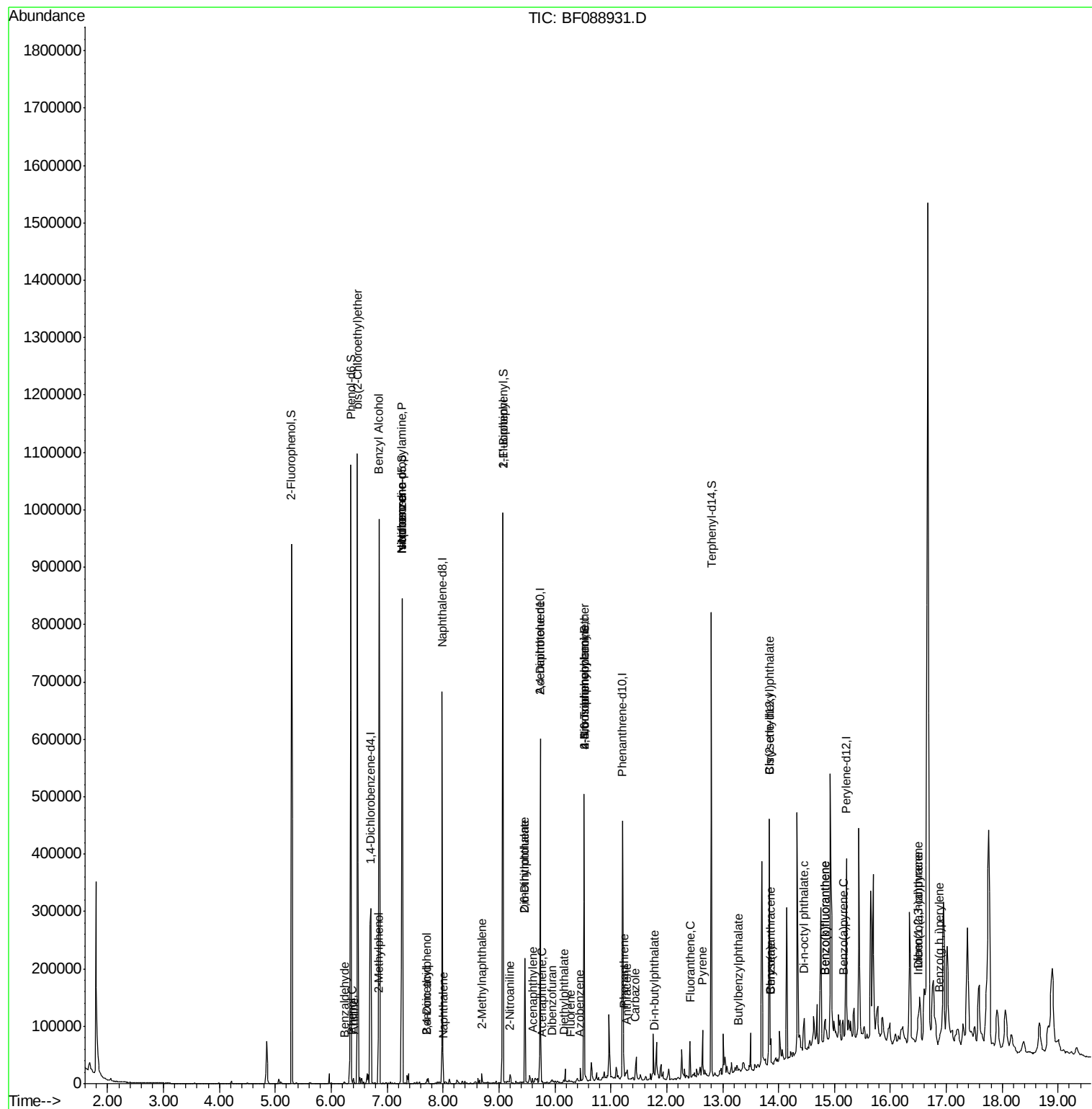
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Chrysene	13.86	228	16188	1.75	ng	96
83) Bis(2-ethylhexyl)phthalate	13.84	149	3564	0.57	ng	# 94
84) Di-n-octyl phthalate	14.46	149	387	0.04	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.49	276	7386	1.03	ng	# 100
87) Benzo(b)fluoranthene	14.83	252	26402	3.22	ng	# 88
88) Benzo(k)fluoranthene	14.83	252	26402	3.70	ng	# 93
89) Benzo(a)pyrene	15.15	252	12645	1.82	ng	98
90) Dibenzo(a,h)anthracene	16.50	278	1867	0.32	ng	# 64
91) Benzo(g,h,i)perylene	16.88	276	6876	1.15	ng	95

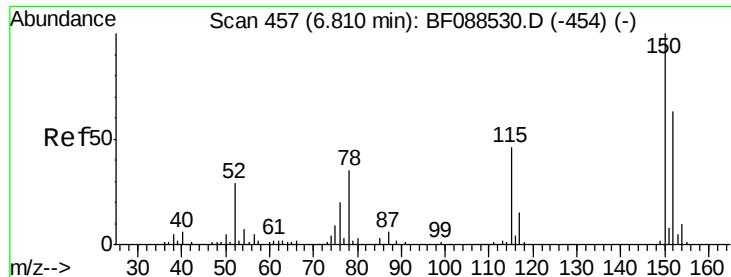
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SS-15(BG)

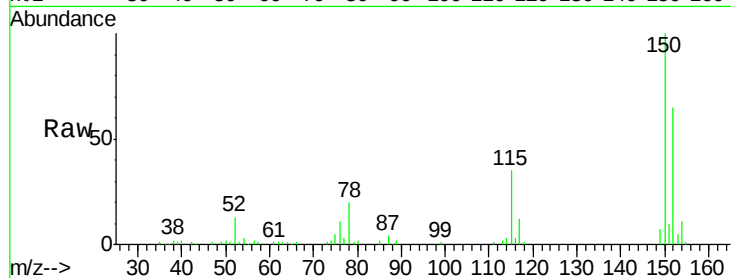
Tgt Ion:152 Resp: 66413

Ion Ratio Lower Upper

152 100

150 153.6 123.8 185.6

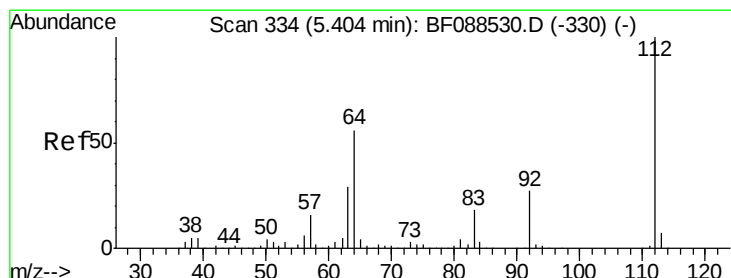
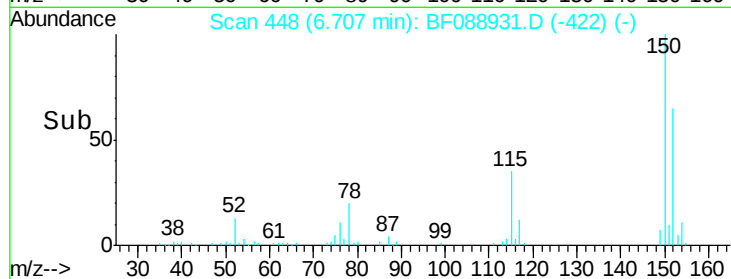
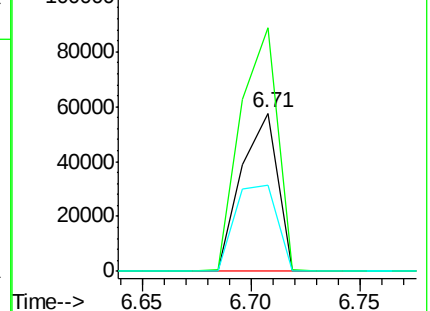
115 54.2 39.6 59.4



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



#5

2-Fluorophenol

Concen: 68.02 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.00 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

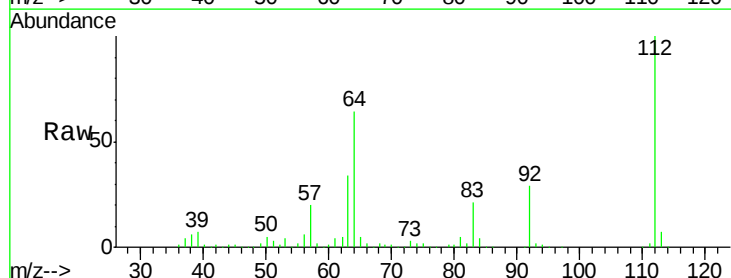
Tgt Ion:112 Resp: 301407

Ion Ratio Lower Upper

112 100

64 63.9 42.2 63.2#

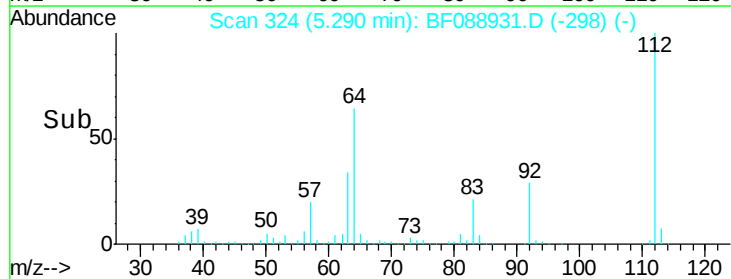
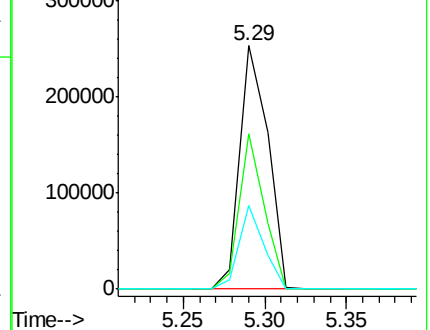
63 34.3 21.8 32.8#

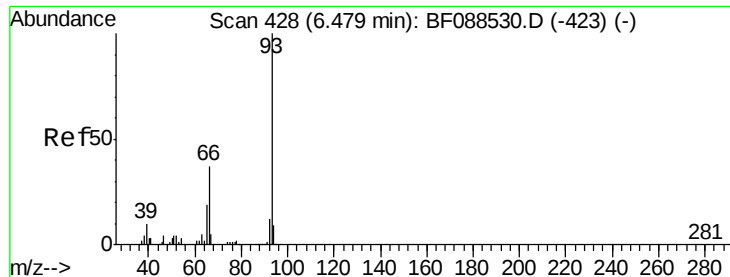


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.24 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.02 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SS-15(BG)

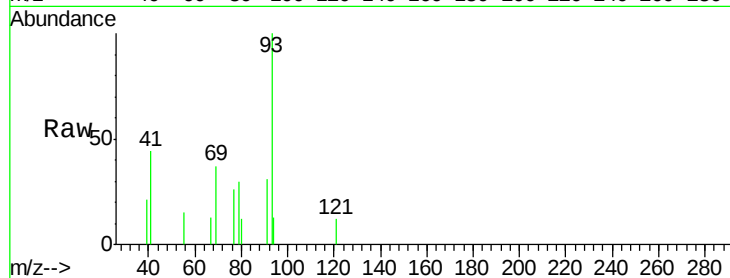
Tgt Ion: 93 Resp: 2005

Ion Ratio Lower Upper

93 100

66 0.0 29.8 44.8#

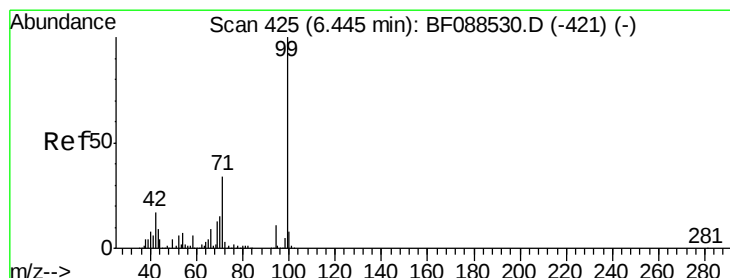
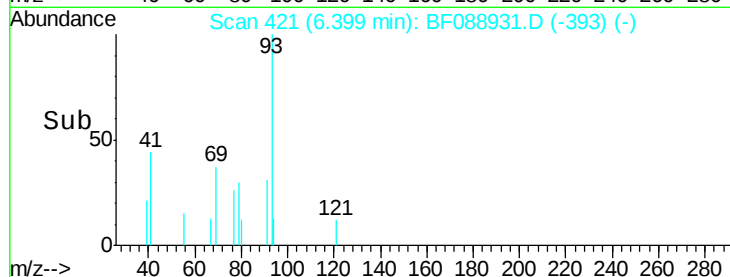
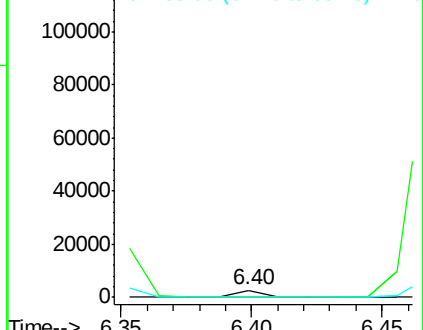
65 0.0 14.9 22.3#



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: 79.05 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

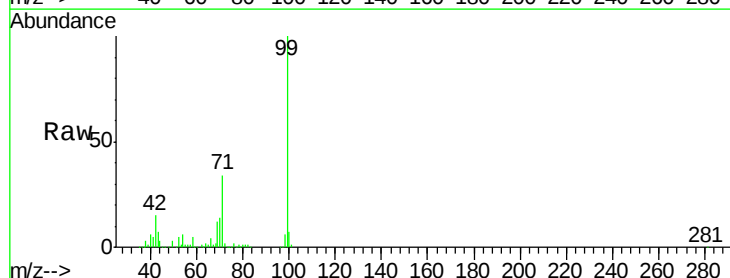
Tgt Ion: 99 Resp: 452604

Ion Ratio Lower Upper

99 100

42 14.6 12.2 18.2

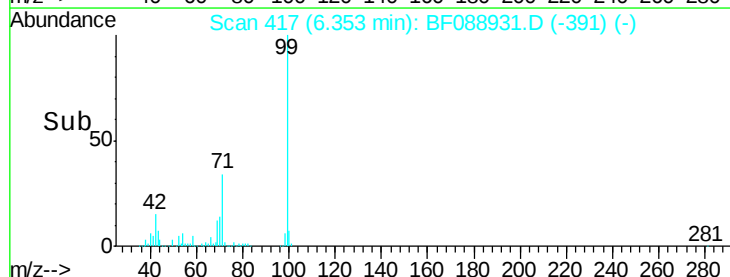
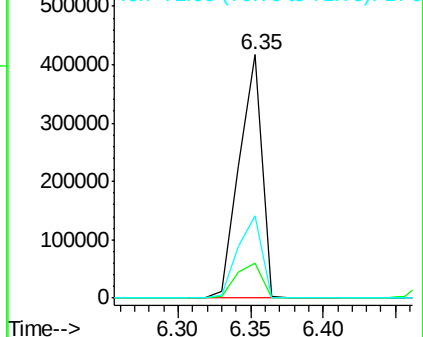
71 34.0 23.4 35.0

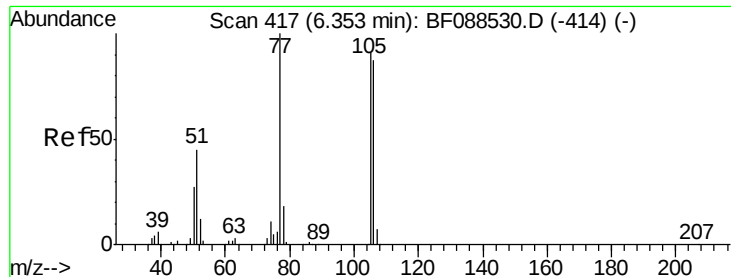


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 0.28 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

Instrument :

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SS-15(BG)

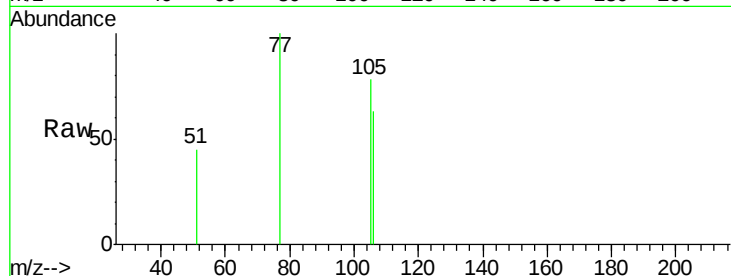
Tgt Ion: 77 Resp: 1073

Ion Ratio Lower Upper

77 100

105 78.2 90.6 130.6#

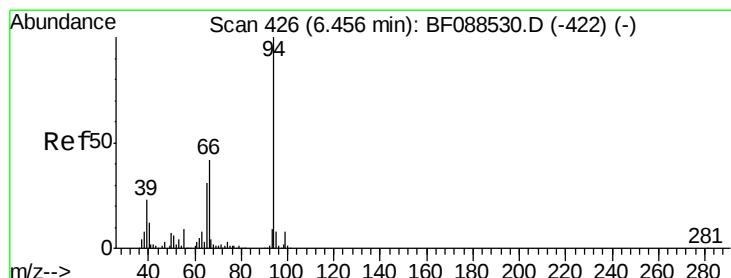
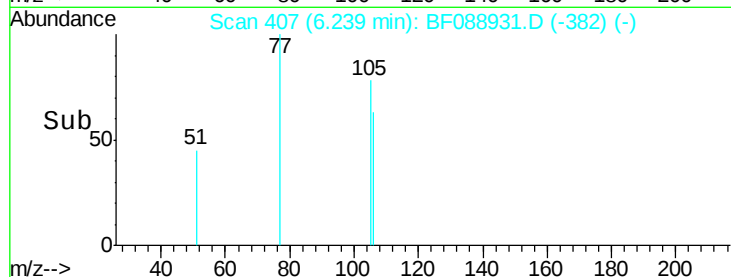
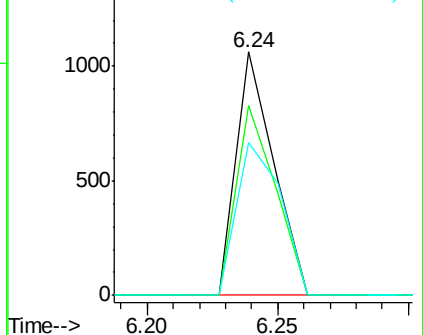
106 62.9 85.3 125.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 0.10 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

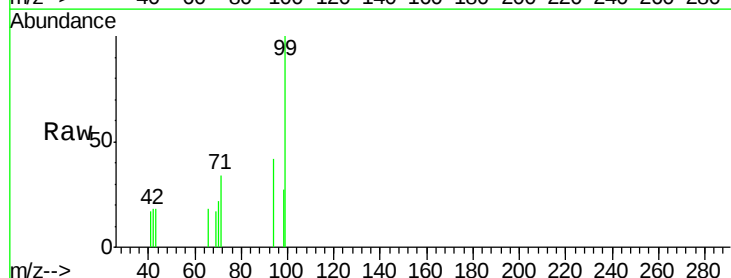
Tgt Ion: 94 Resp: 678

Ion Ratio Lower Upper

94 100

65 0.0 5.9 45.9#

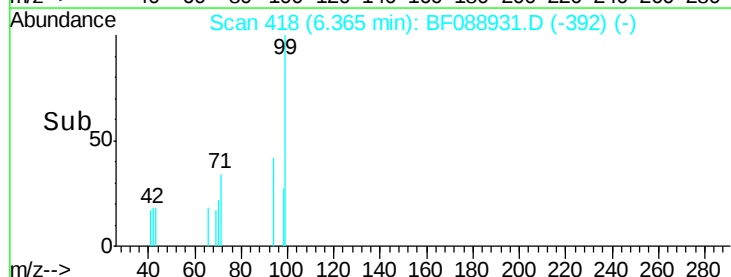
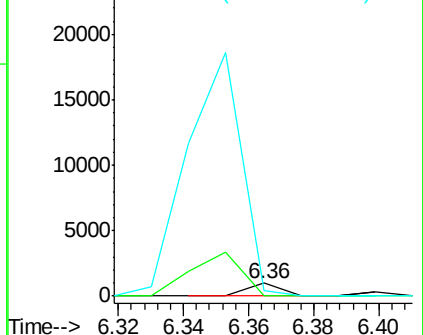
66 42.8 14.0 54.0

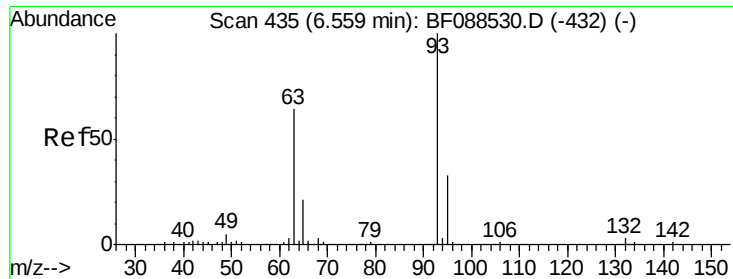


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

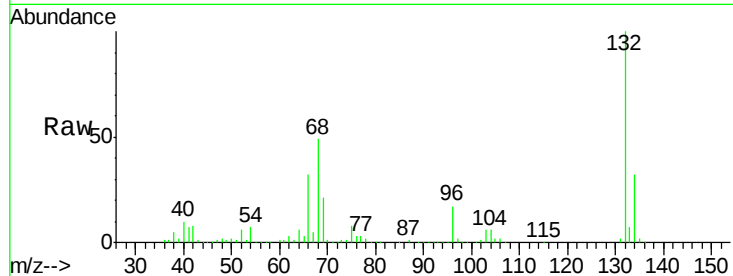




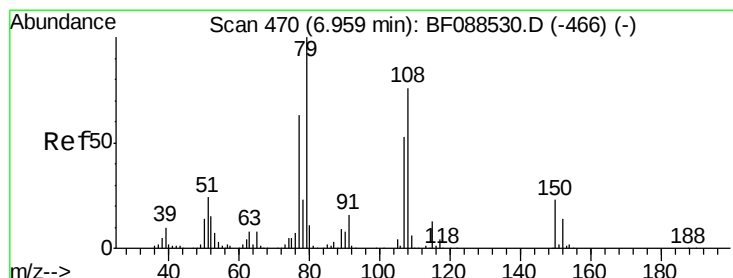
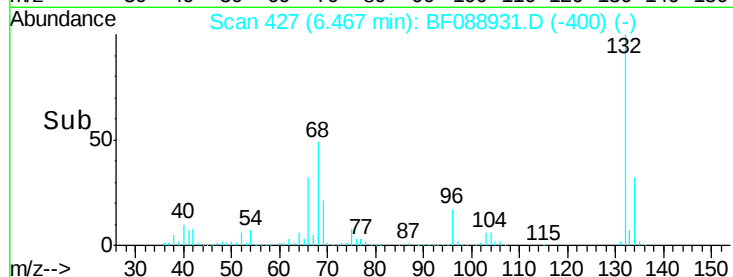
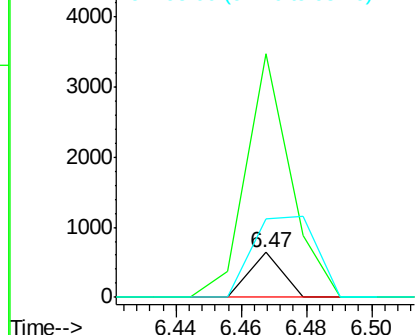
#11
bis(2-Chloroethyl)ether
Concen: 0.09 ng
RT: 6.47 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF088931.D
Acq: 12 Jul 2016 20:59

Instrument :
BNA_F
ClientSampled :
SS-15(BG)

Tgt Ion: 93 Resp: 440
Ion Ratio Lower Upper
93 100
63 540.8 67.6 107.6#
95 175.4 12.5 52.5#

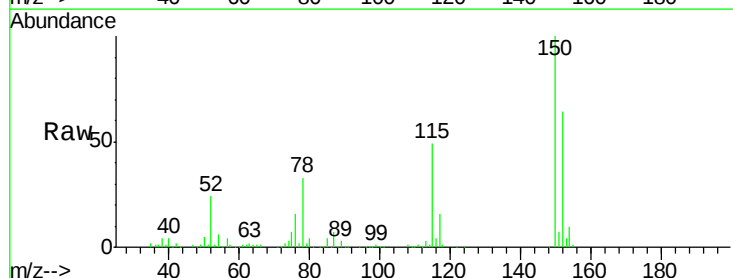


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

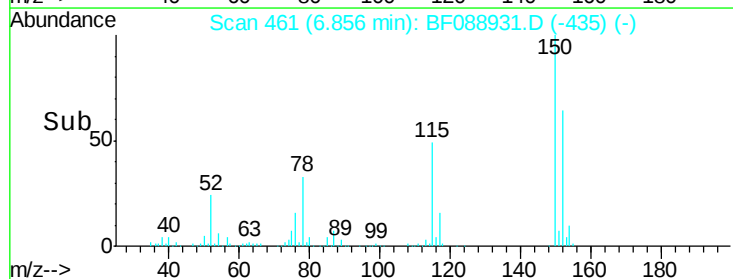
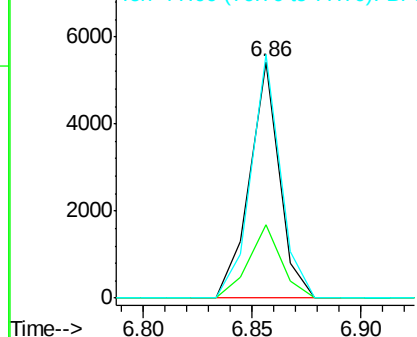


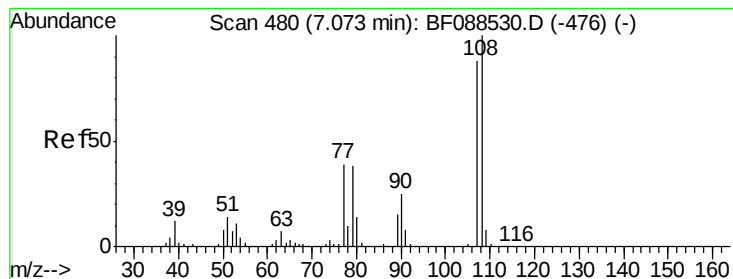
#15
Benzyl Alcohol
Concen: 1.23 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF088931.D
Acq: 12 Jul 2016 20:59

Tgt Ion: 79 Resp: 5177
Ion Ratio Lower Upper
79 100
108 31.0 65.0 97.6#
77 103.1 50.3 75.5#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0





#17

2-Methylphenol

Concen: 0.05 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.14 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

Instrument :

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SS-15(BG)

Tgt Ion: 107 Resp: 209

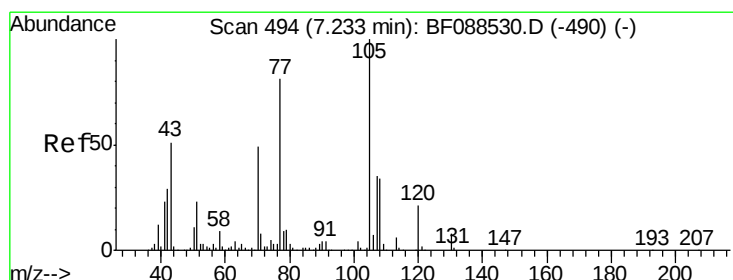
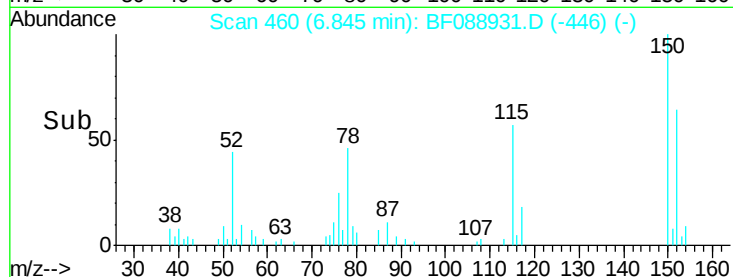
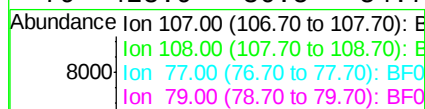
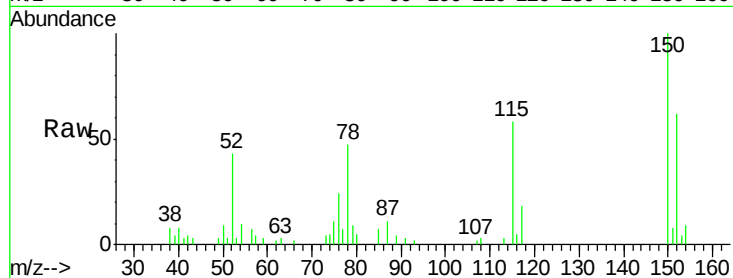
Ion Ratio Lower Upper

107 100

108 155.4 90.9 136.3#

77 332.1 36.6 55.0#

79 428.9 36.5 54.7#



#19

n-Nitroso-di-n-propylamine

Concen: 9.45 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.13 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

Tgt Ion: 70 Resp: 36364

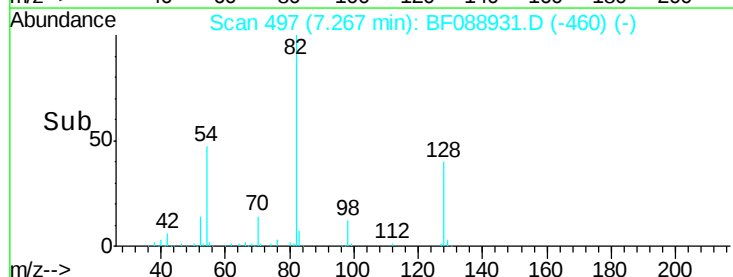
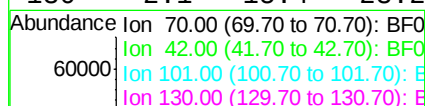
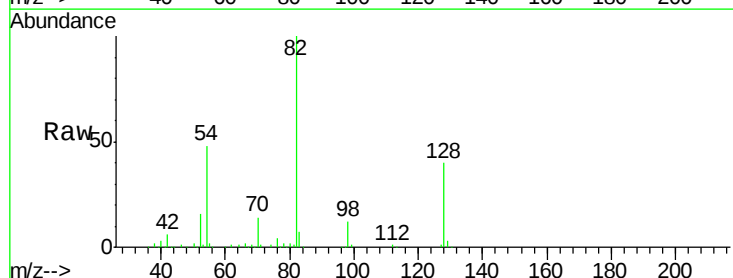
Ion Ratio Lower Upper

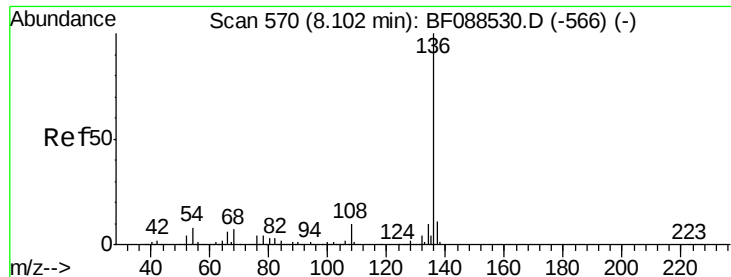
70 100

42 43.0 49.6 74.4#

101 0.0 7.1 10.7#

130 2.1 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: BF088931.D

Acq: 12 Jul 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SS-15(BG)

Tgt Ion:136 Resp: 266417

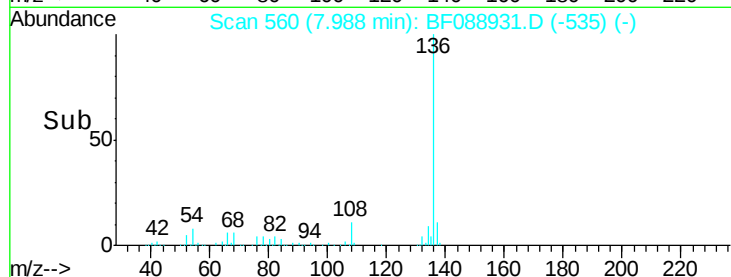
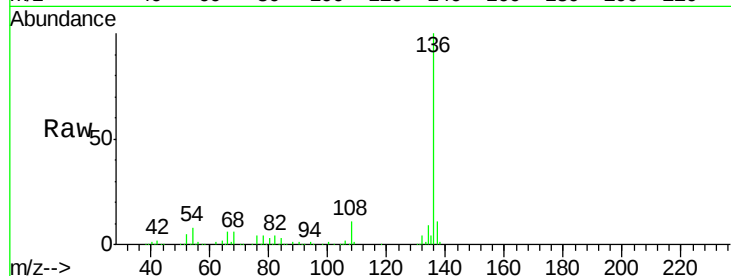
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.6 6.6 10.0

68 6.2 5.1 7.7

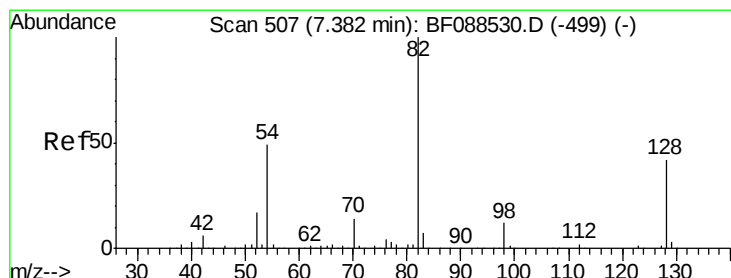
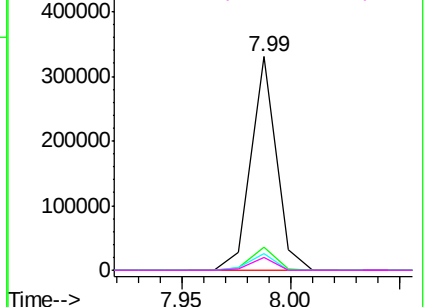


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 52.40 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

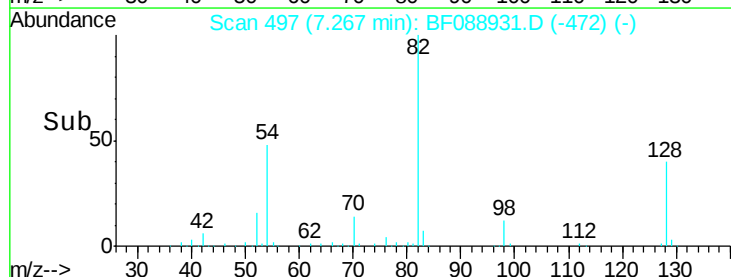
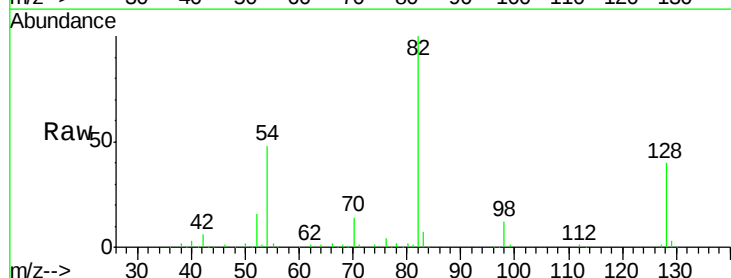
Tgt Ion: 82 Resp: 266405

Ion Ratio Lower Upper

82 100

128 39.8 35.9 53.9

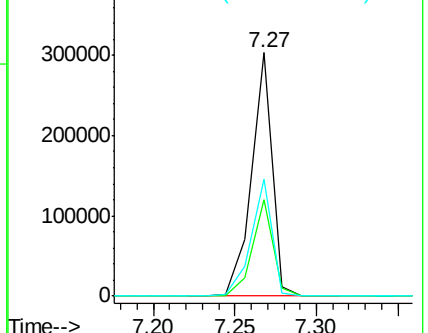
54 47.8 40.9 61.3

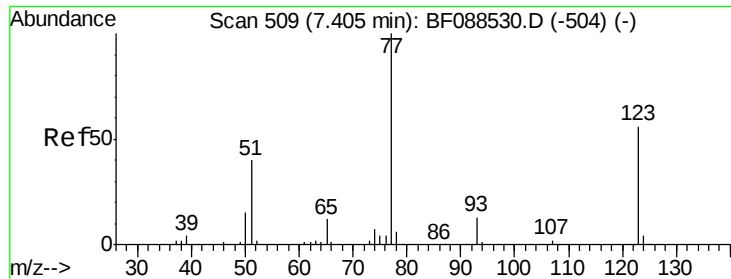


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.12 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SS-15(BG)

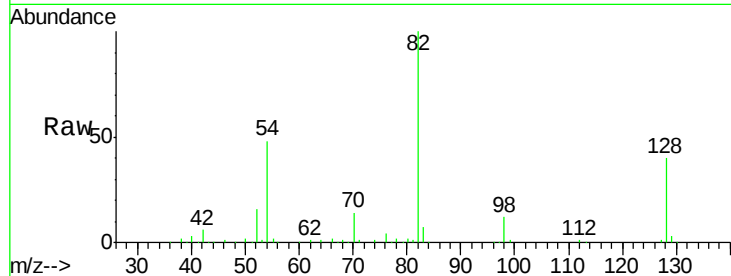
Tgt Ion: 77 Resp: 616

Ion Ratio Lower Upper

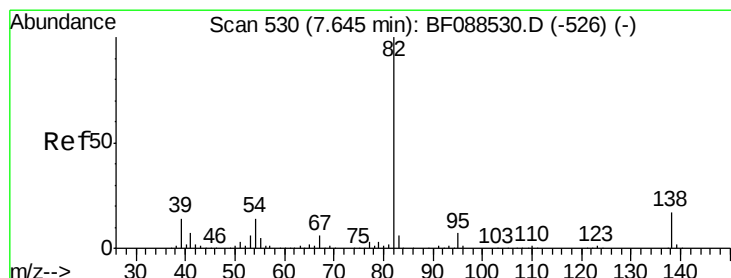
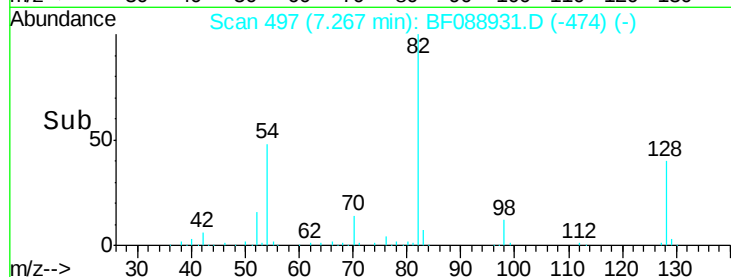
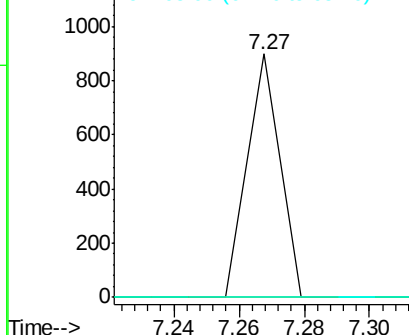
77 100

123 0.0 45.0 67.4#

65 0.0 10.2 15.2#



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



#25

Isophorone

Concen: 22.95 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.27 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

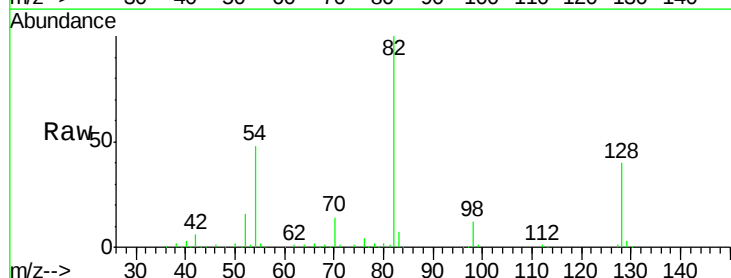
Tgt Ion: 82 Resp: 216146

Ion Ratio Lower Upper

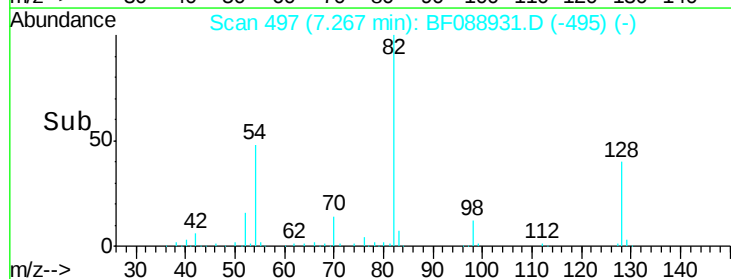
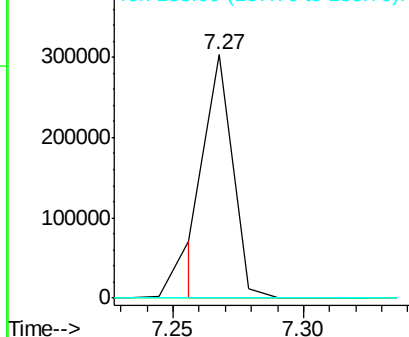
82 100

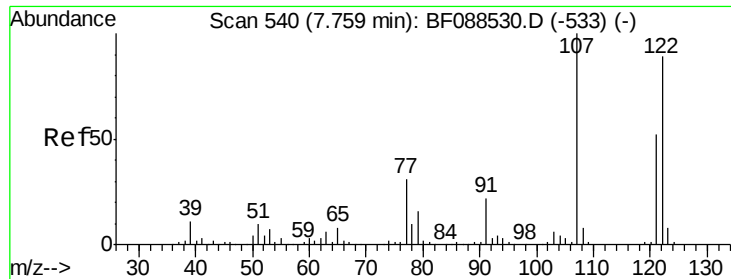
95 0.0 5.4 8.2#

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

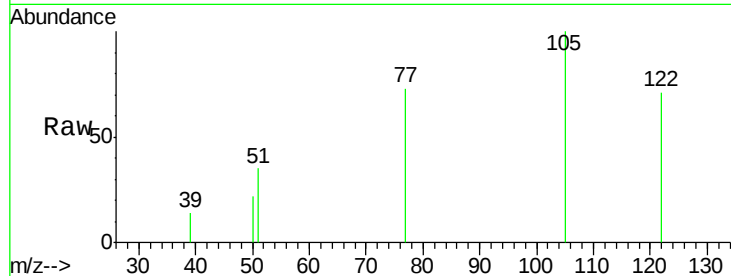




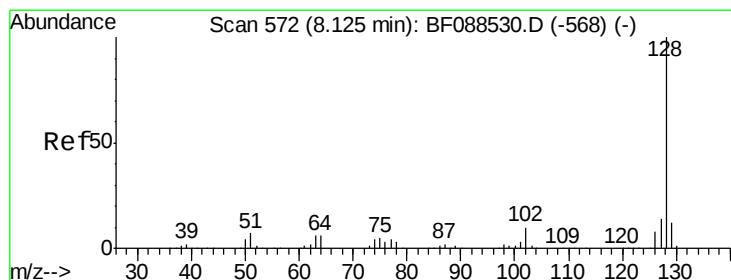
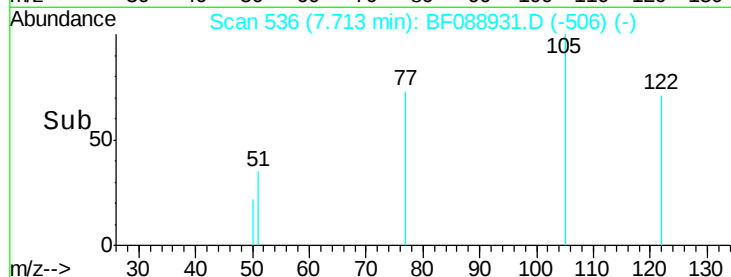
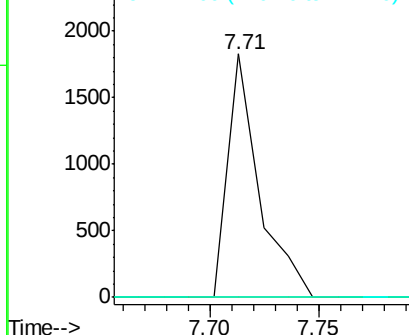
#27
2,4-Dimethylphenol
Concen: 0.42 ng
RT: 7.71 min Scan# 536
Delta R.T. 0.05 min
Lab File: BF088931.D
Acq: 12 Jul 2016 20:59

Instrument :
BNA_F
ClientSampleId :
SS-15(BG)

Tgt Ion:122 Resp: 1821
Ion Ratio Lower Upper
122 100
107 0.0 82.4 123.6#
121 0.0 46.3 69.5#

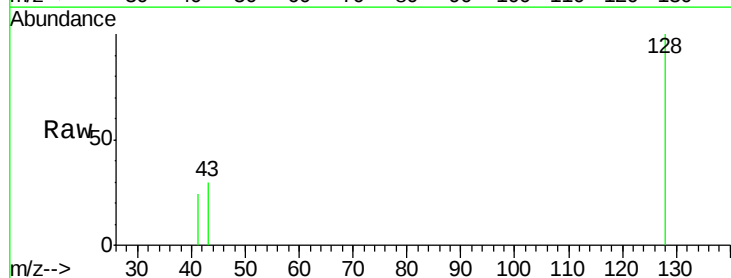


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

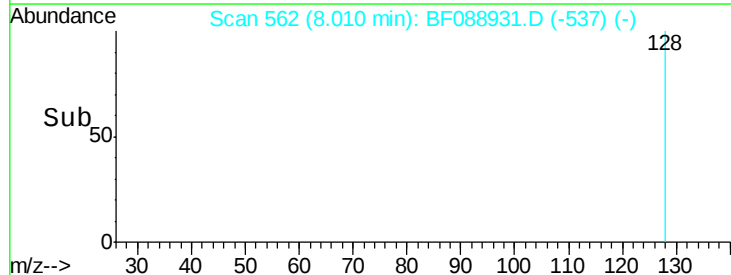
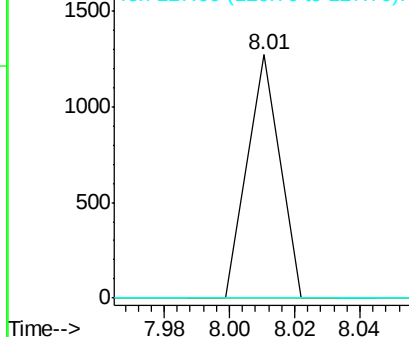


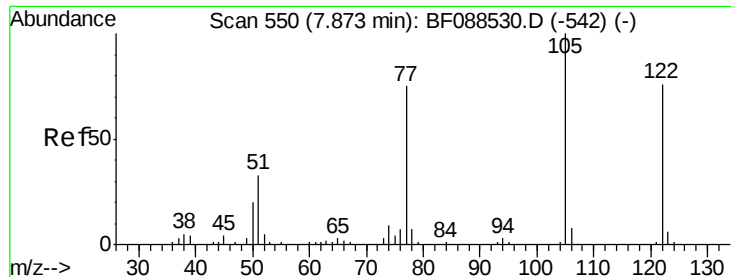
#31
Naphthalene
Concen: 0.07 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF088931.D
Acq: 12 Jul 2016 20:59

Tgt Ion:128 Resp: 872
Ion Ratio Lower Upper
128 100
129 0.0 9.4 14.2#
127 0.0 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

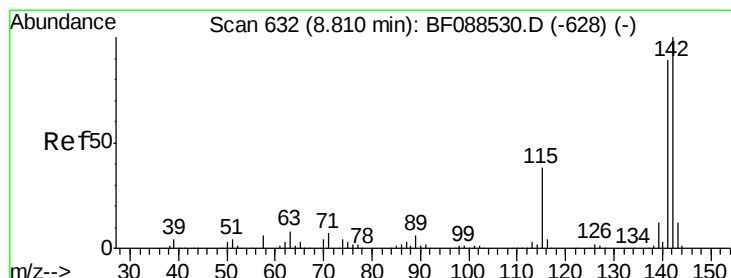
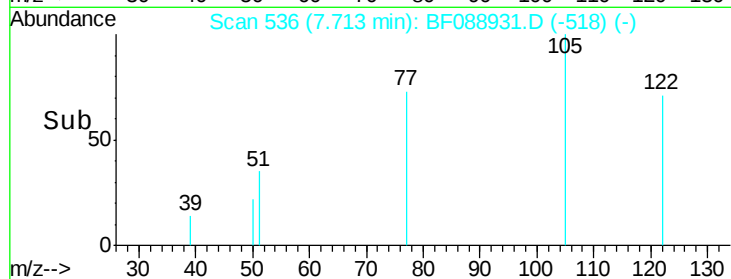
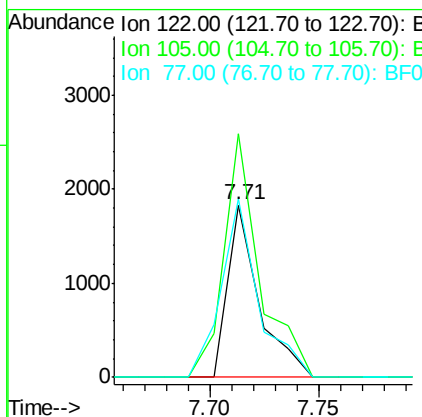
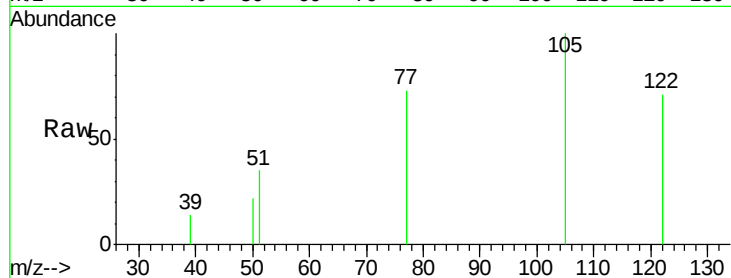




#32
Benzoic acid
Concen: 0.57 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.09 min
Lab File: BF088931.D
Acq: 12 Jul 2016 20:59

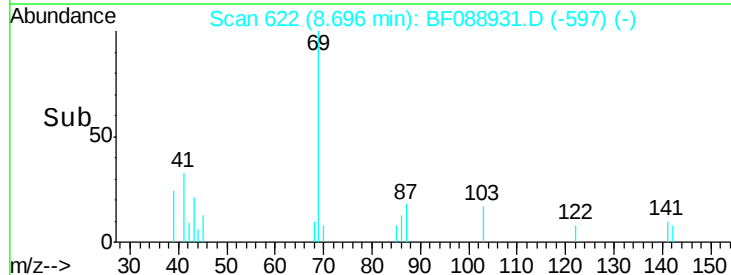
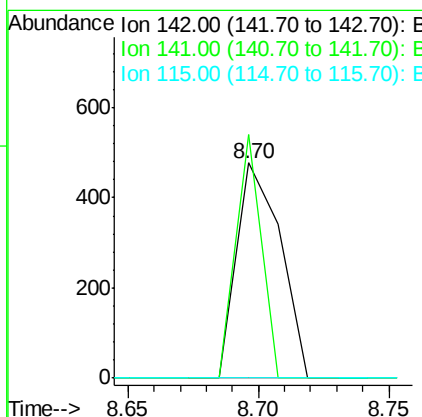
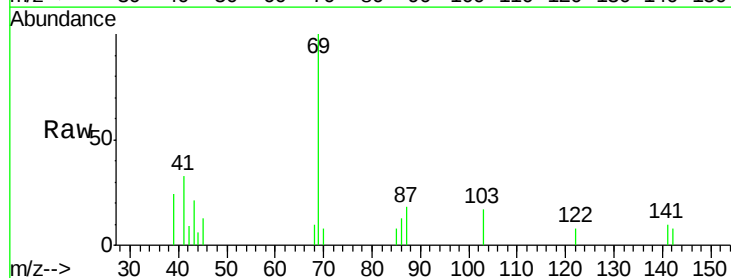
Instrument :
BNA_F
ClientSampleId :
SS-15(BG)

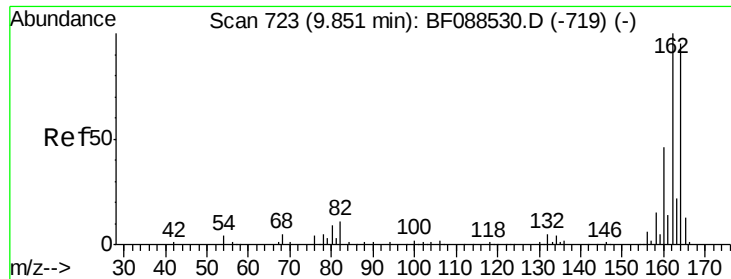
Tgt Ion:122 Resp: 1821
Ion Ratio Lower Upper
122 100
105 141.6 101.6 141.6#
77 103.7 70.6 110.6



#37
2-Methylnaphthalene
Concen: 0.07 ng
RT: 8.70 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF088931.D
Acq: 12 Jul 2016 20:59

Tgt Ion:142 Resp: 562
Ion Ratio Lower Upper
142 100
141 113.2 71.0 106.6#
115 0.0 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: BF088931.D

Acq: 12 Jul 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SS-15(BG)

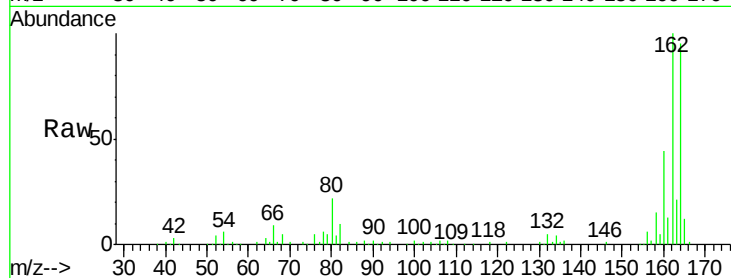
Tgt Ion:164 Resp: 106124

Ion Ratio Lower Upper

164 100

162 105.7 85.4 128.2

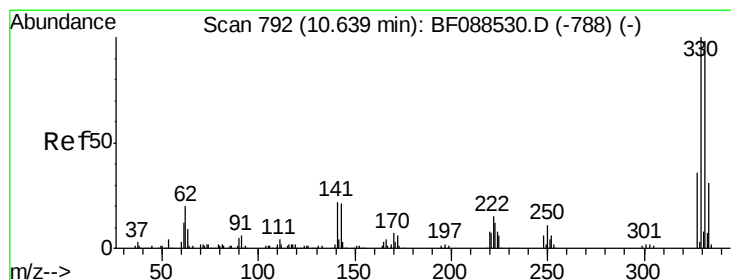
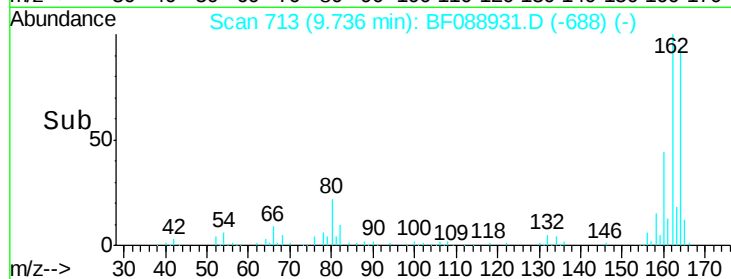
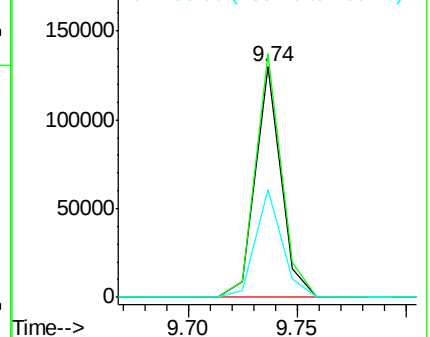
160 46.6 39.5 59.3



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: 70.68 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

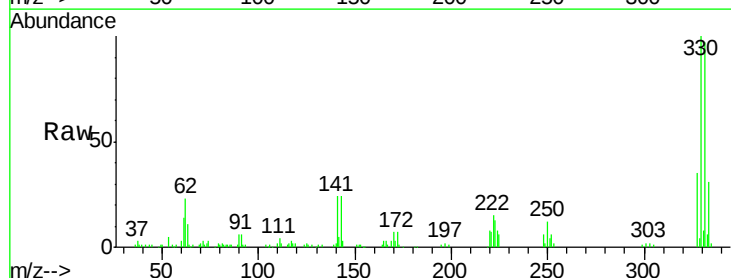
Tgt Ion:330 Resp: 69650

Ion Ratio Lower Upper

330 100

332 97.9 0.0 0.0#

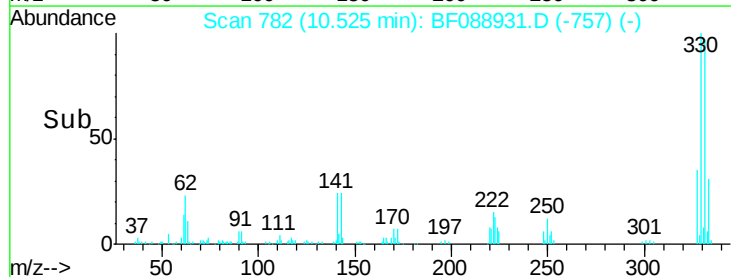
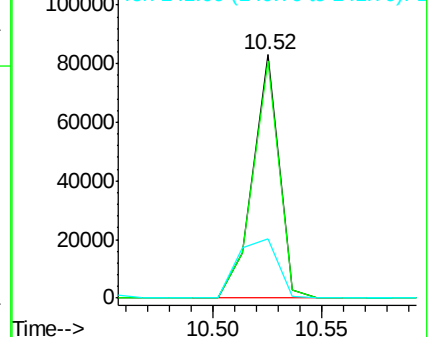
141 37.5 0.0 0.0#

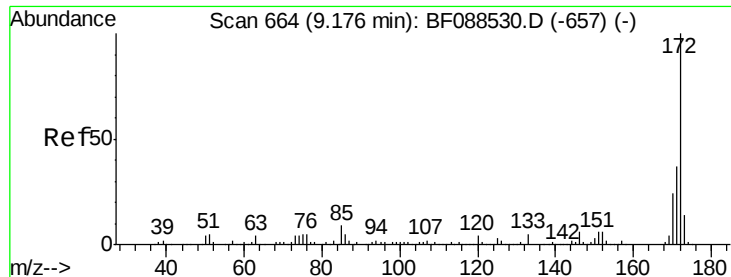


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

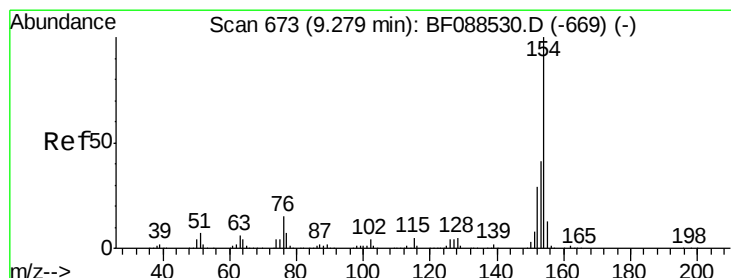
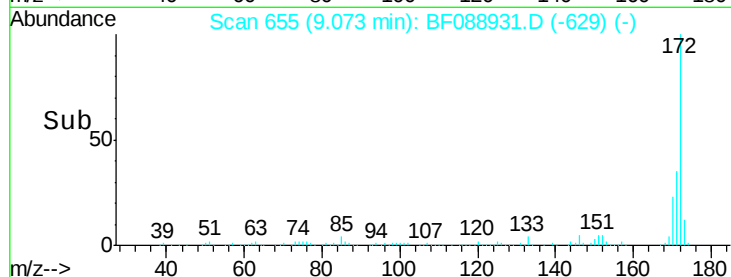
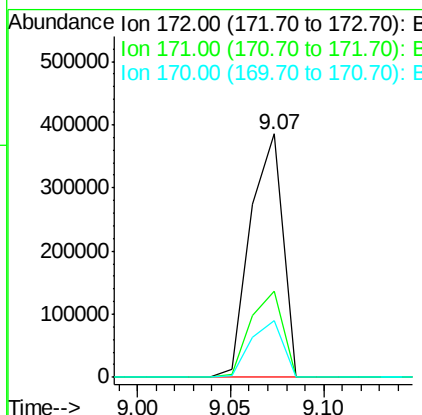
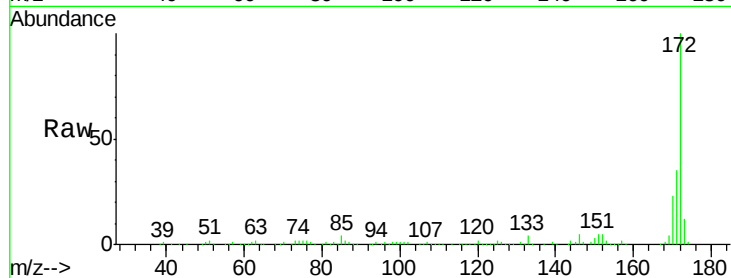




#44
 2-Fluorobiphenyl
 Concen: 68.74 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF088931.D
 Acq: 12 Jul 2016 20:59

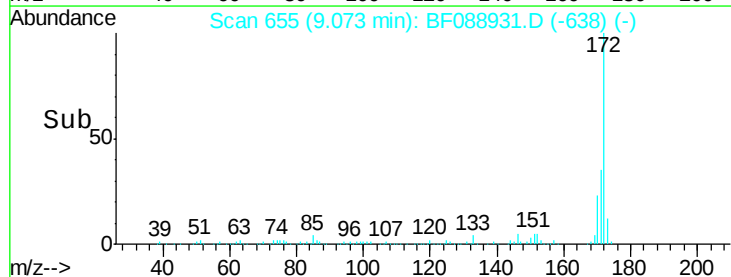
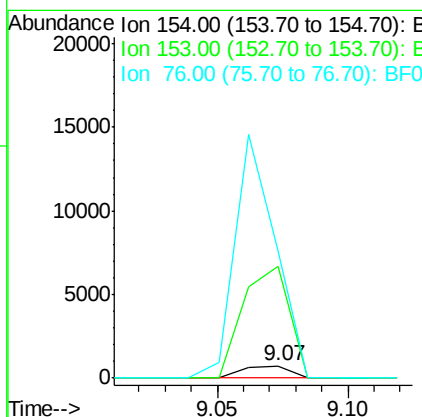
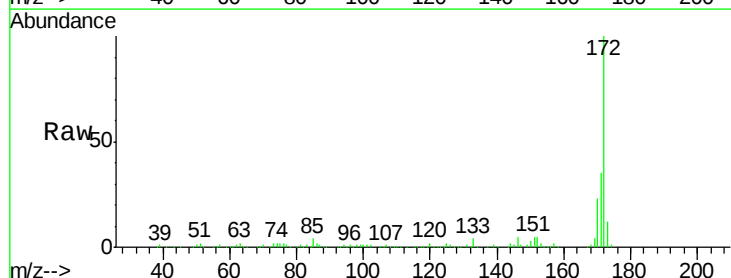
Instrument :
 BNA_F
 ClientSampleId :
 SS-15(BG)

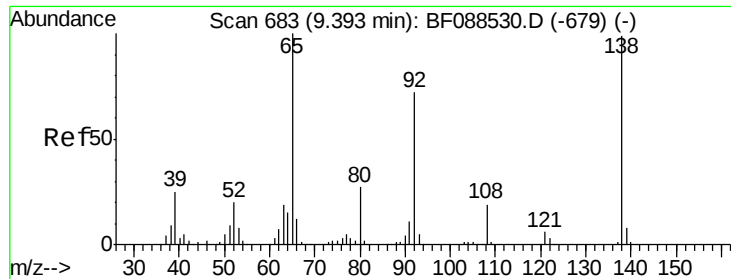
Tgt Ion:172 Resp: 461801
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.1 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: 0.11 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.10 min
 Lab File: BF088931.D
 Acq: 12 Jul 2016 20:59

Tgt Ion:154 Resp: 929
 Ion Ratio Lower Upper
 154 100
 153 909.5 20.6 60.6#
 76 1025.5 0.0 35.1#





#47

2-Nitroaniline

Concen: 0.11 ng

RT: 9.20 min Scan# 666

Delta R.T. -0.09 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SS-15(BG)

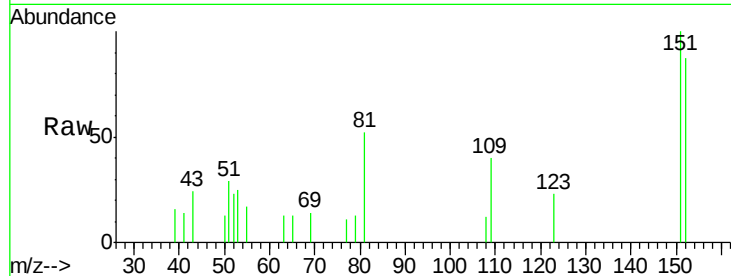
Tgt Ion: 65 Resp: 260

Ion Ratio Lower Upper

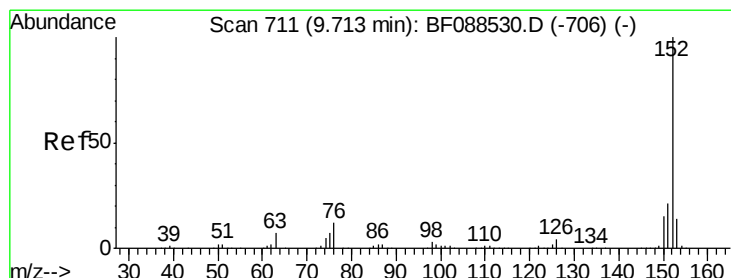
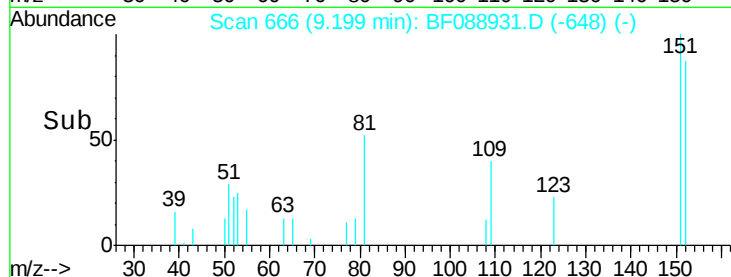
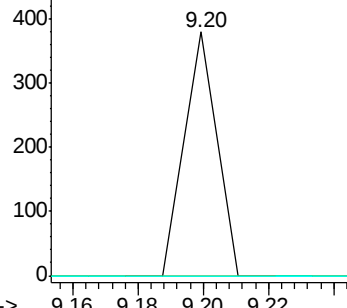
65 100

92 0.0 54.6 82.0#

138 0.0 77.0 115.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 0.37 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

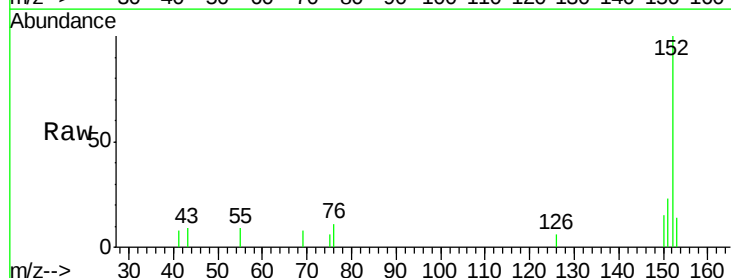
Tgt Ion: 152 Resp: 4011

Ion Ratio Lower Upper

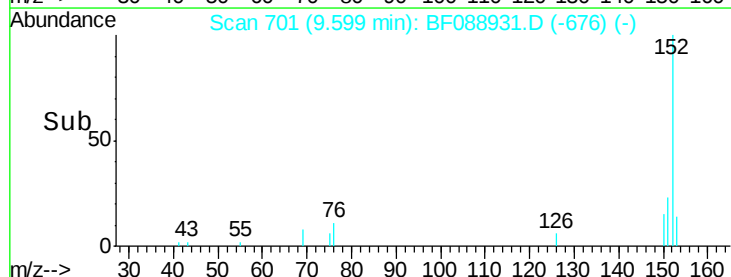
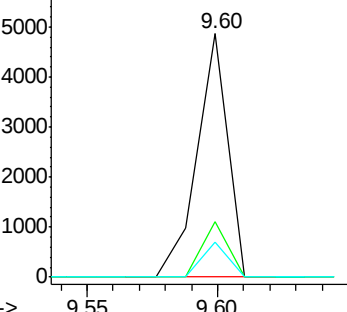
152 100

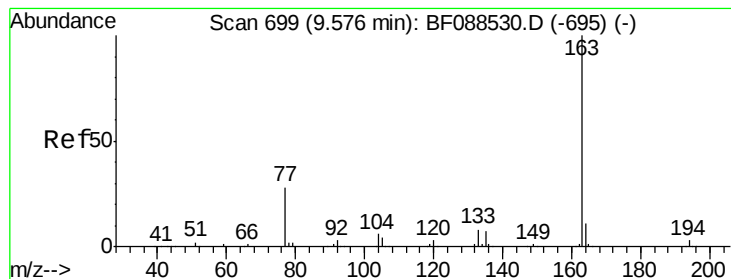
151 22.8 16.2 24.4

153 14.2 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 9.88 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SS-15(BG)

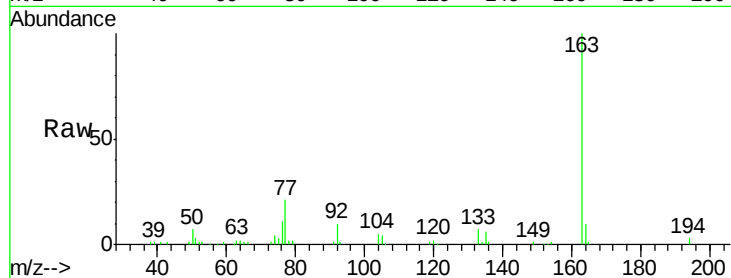
Tgt Ion:163 Resp: 74667

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

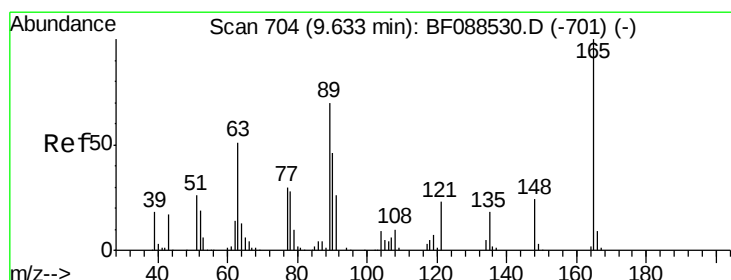
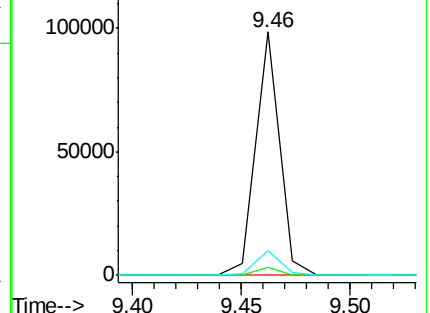
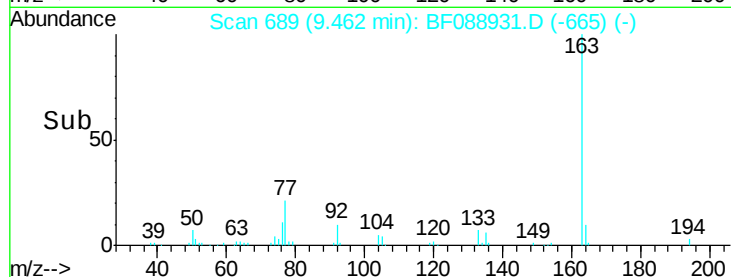
164 10.0 8.3 12.5



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: 0.48 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.08 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

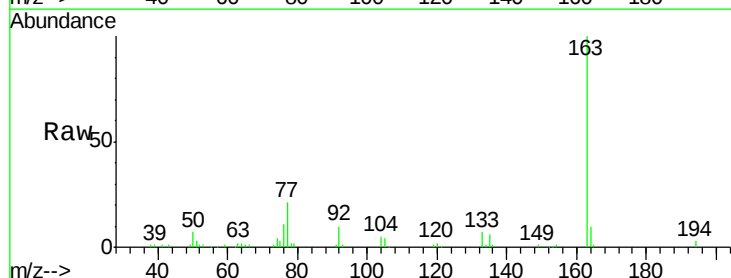
Tgt Ion:165 Resp: 809

Ion Ratio Lower Upper

165 100

63 158.6 28.1 42.1#

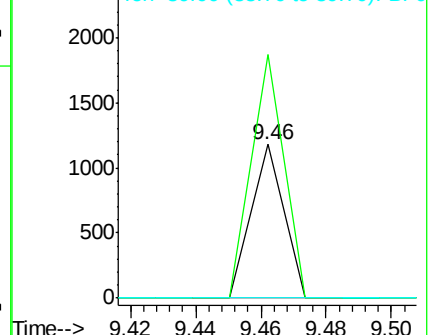
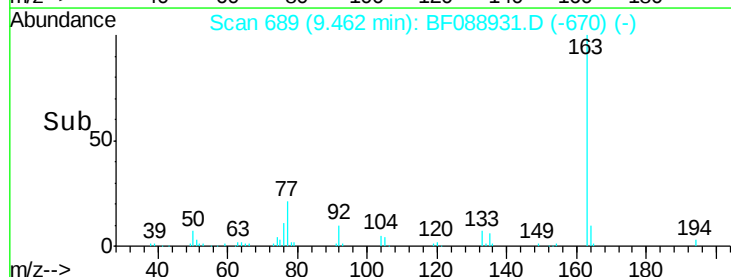
89 0.0 32.2 48.2#

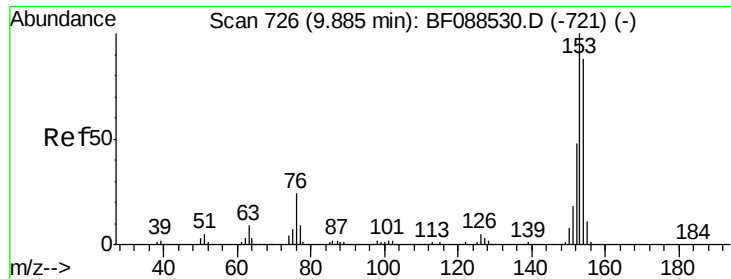


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.07 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SS-15(BG)

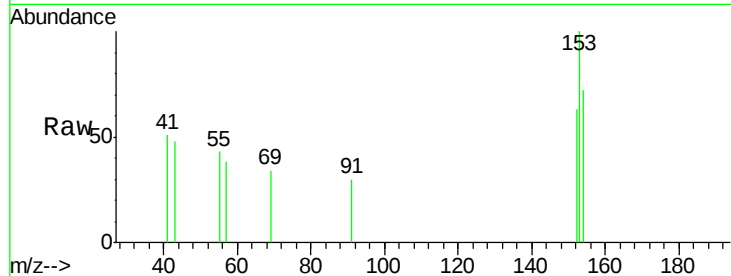
Tgt Ion:154 Resp: 490

Ion Ratio Lower Upper

154 100

153 139.4 89.5 134.3#

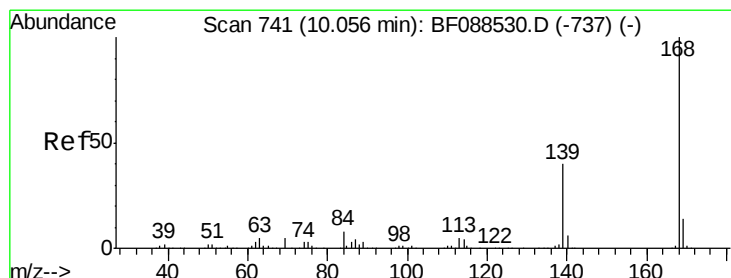
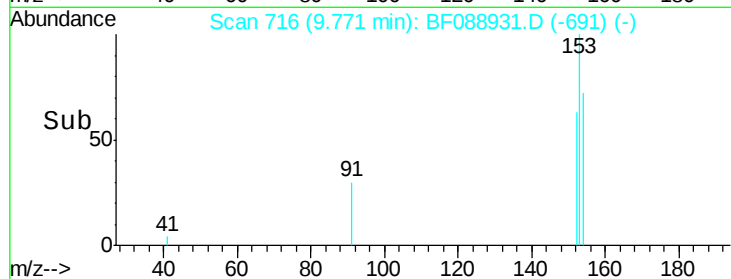
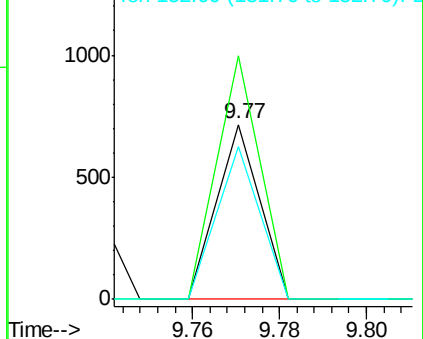
152 87.3 42.7 64.1#



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: 0.05 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

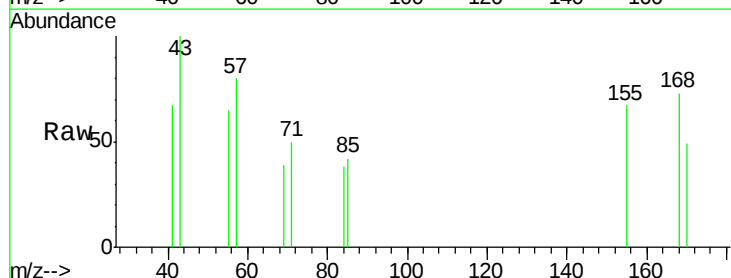
Tgt Ion:168 Resp: 449

Ion Ratio Lower Upper

168 100

139 0.0 26.4 39.6#

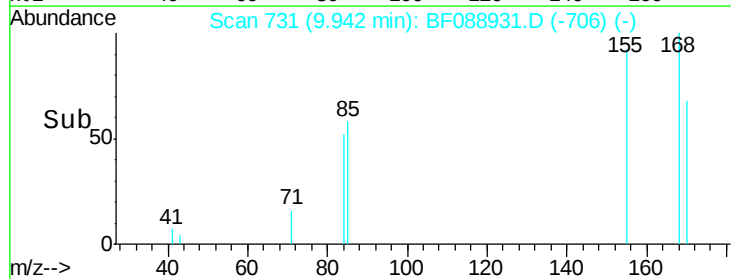
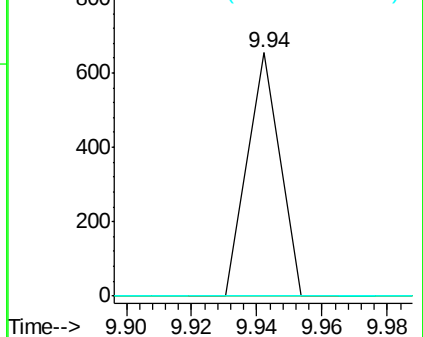
169 0.0 10.4 15.6#

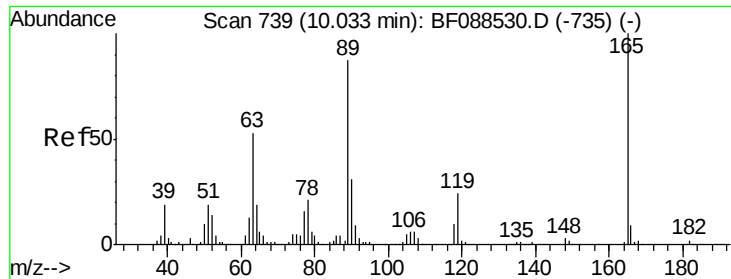


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

2,4-Dinitrotoluene

Concen: 6.09 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.21 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SS-15(BG)

Tgt Ion:165 Resp: 13337

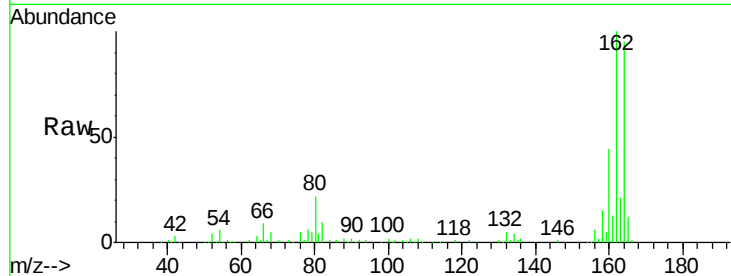
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 2.1 41.1 61.7#

182 0.0 2.0 3.0#

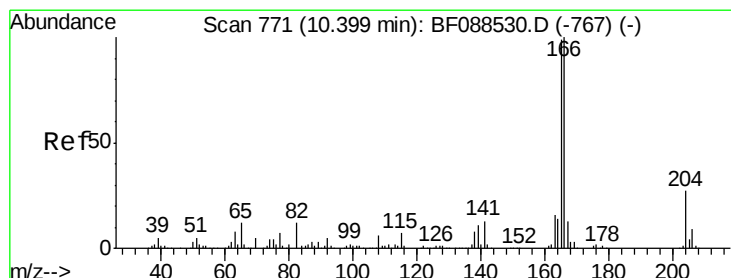
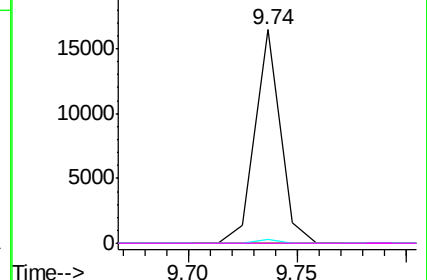
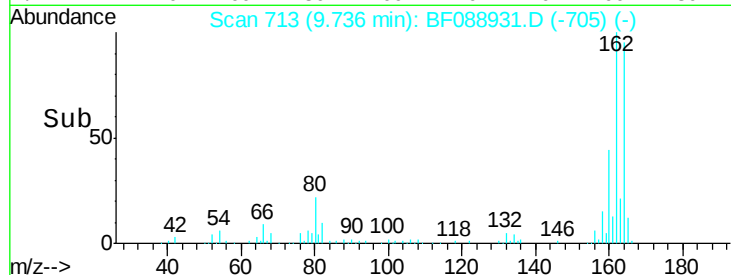


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.15 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

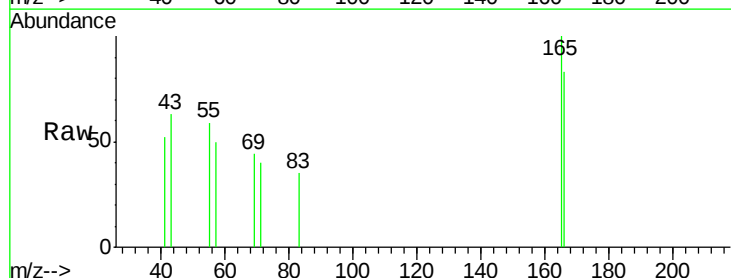
Tgt Ion:166 Resp: 1023

Ion Ratio Lower Upper

166 100

165 120.9 77.8 116.8#

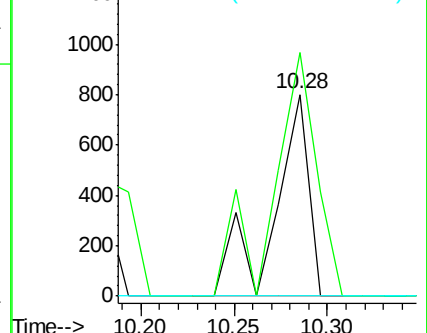
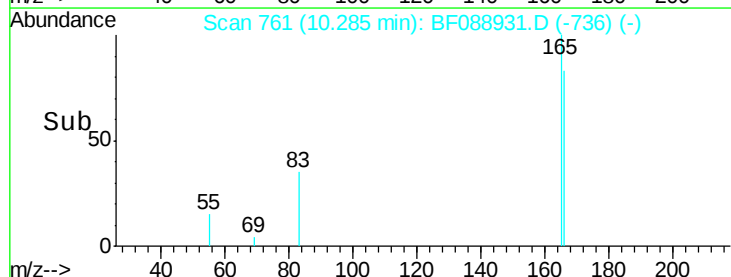
167 0.0 11.2 16.8#

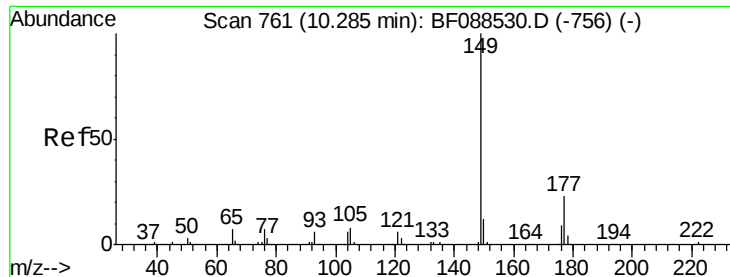


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

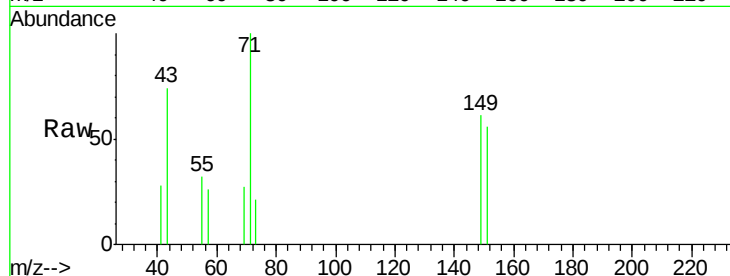




#59
Diethylphthalate
Concen: 0.09 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF088931.D
Acq: 12 Jul 2016 20:59

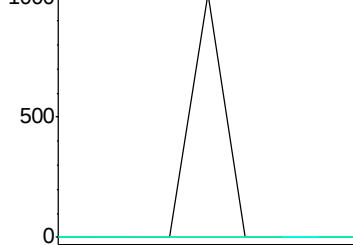
Instrument :
BNA_F
ClientSampleId :
SS-15(BG)

Tgt Ion: 149 Resp: 695
Ion Ratio Lower Upper
149 100
177 0.0 16.9 25.3#
150 0.0 10.1 15.1#

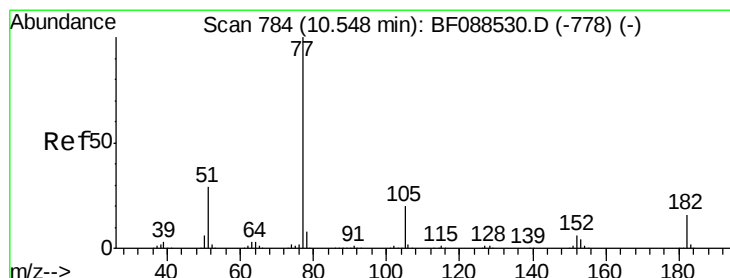
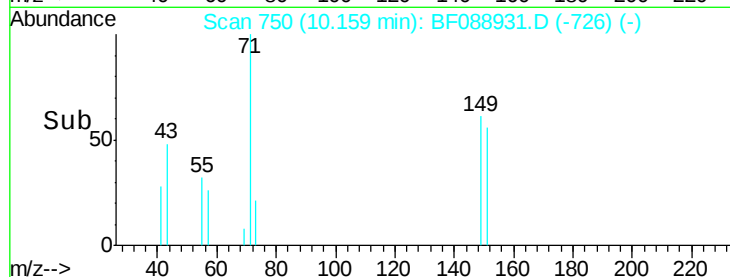


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

10.16

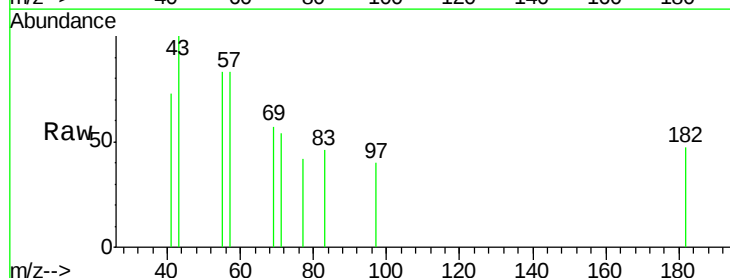


Time-->



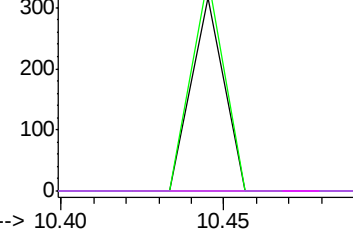
#62
Azobenzene
Concen: 0.03 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF088931.D
Acq: 12 Jul 2016 20:59

Tgt Ion: 77 Resp: 217
Ion Ratio Lower Upper
77 100
182 110.8 4.4 44.4#
105 0.0 3.8 43.8#
51 0.0 9.3 49.3#

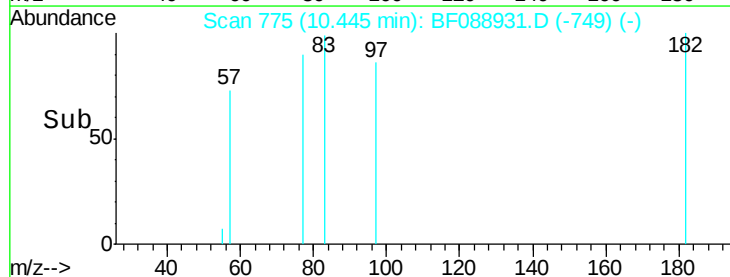


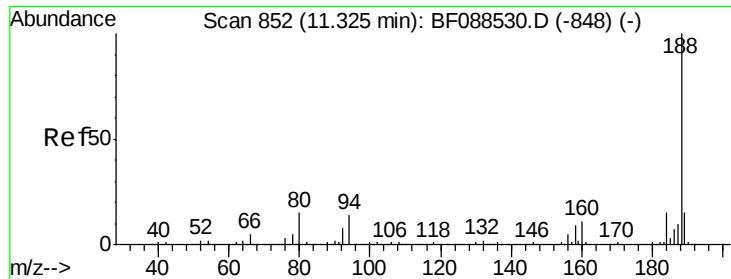
Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

10.44



Time-->

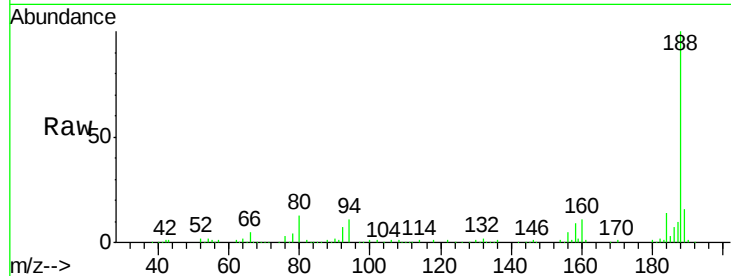




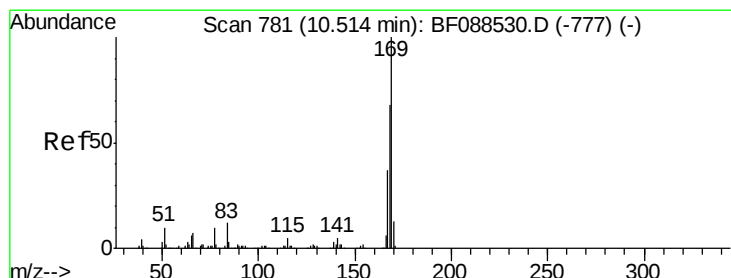
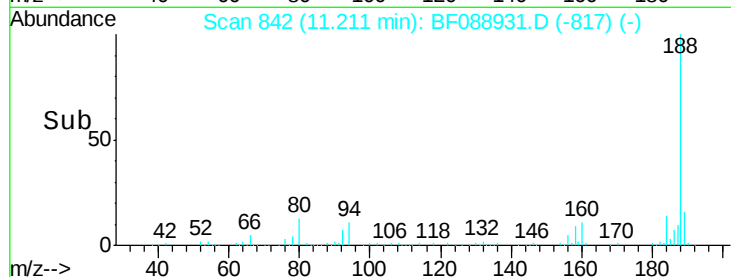
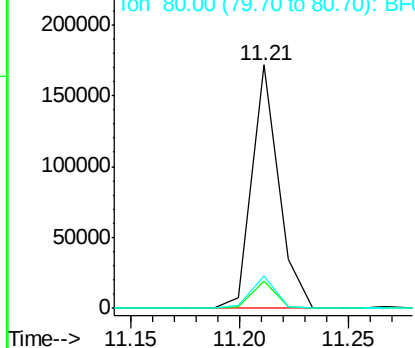
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF088931.D
Acq: 12 Jul 2016 20:59

Instrument :
BNA_F
ClientSampleId :
SS-15(BG)

Tgt Ion:188 Resp: 146394
Ion Ratio Lower Upper
188 100
94 11.3 9.0 13.6
80 13.4 10.0 15.0

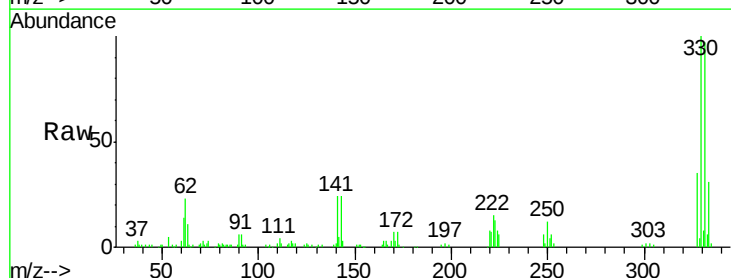


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

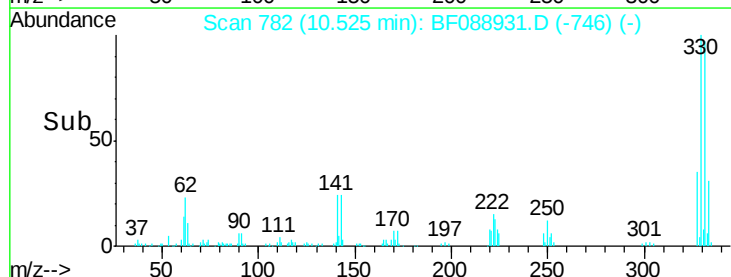
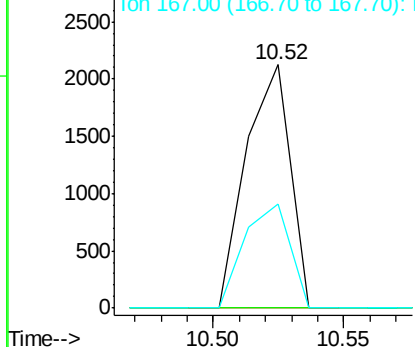


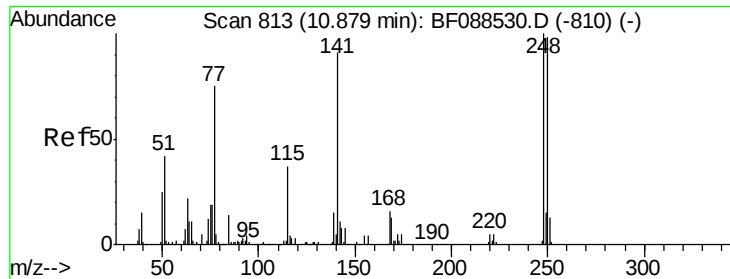
#65
n-Nitrosodiphenylamine
Concen: 0.50 ng
RT: 10.52 min Scan# 782
Delta R.T. 0.11 min
Lab File: BF088931.D
Acq: 12 Jul 2016 20:59

Tgt Ion:169 Resp: 2488
Ion Ratio Lower Upper
169 100
168 0.0 53.4 80.0#
167 42.8 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

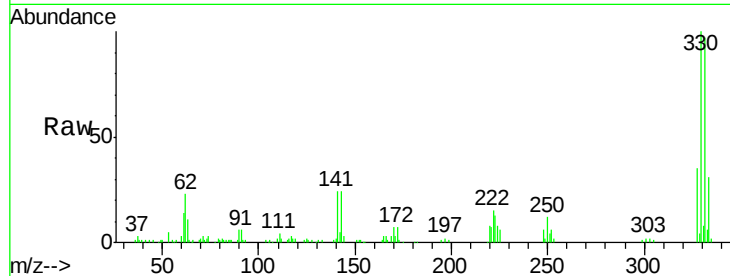




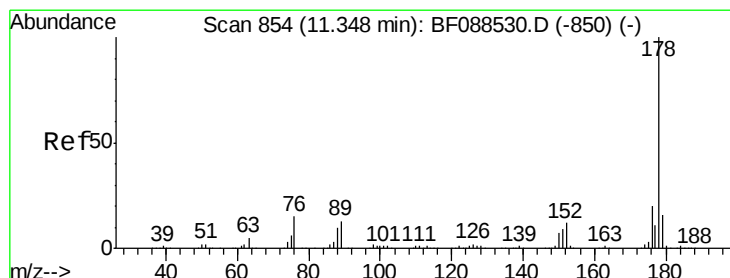
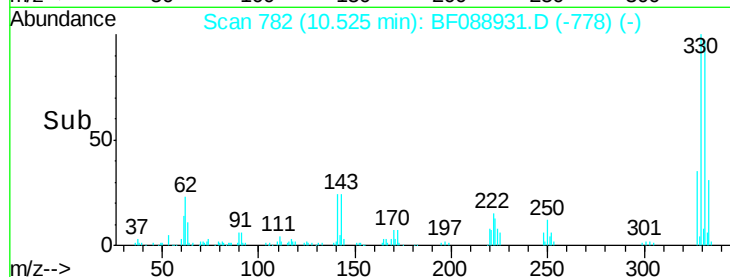
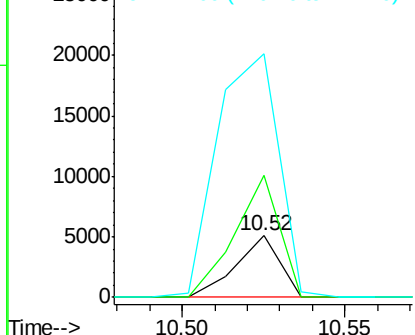
#66
 4-Bromophenyl-phenylether
 Concen: 3.18 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.25 min
 Lab File: BF088931.D
 Acq: 12 Jul 2016 20:59

Instrument :
 BNA_F
 ClientSampleId :
 SS-15(BG)

Tgt Ion:248 Resp: 4690
 Ion Ratio Lower Upper
 248 100
 250 198.5 77.1 115.7#
 141 394.6 50.6 76.0#

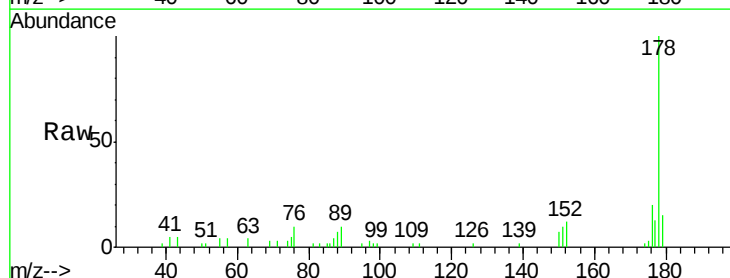


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

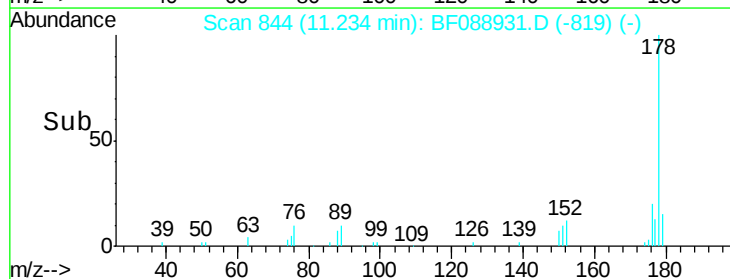
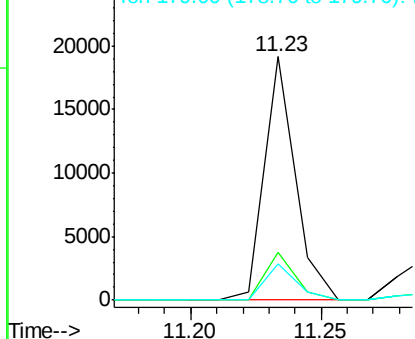


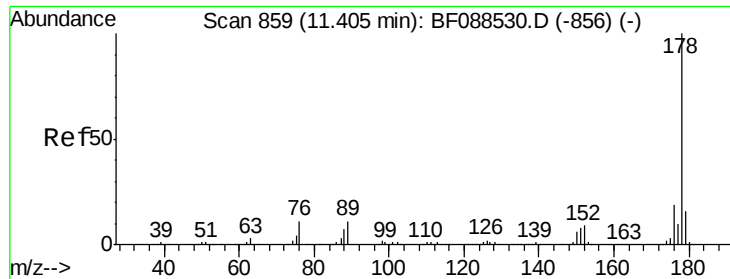
#70
 Phenanthrene
 Concen: 1.99 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF088931.D
 Acq: 12 Jul 2016 20:59

Tgt Ion:178 Resp: 15890
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.6
 179 14.9 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

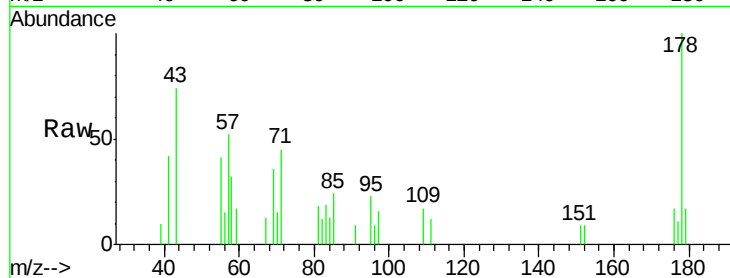




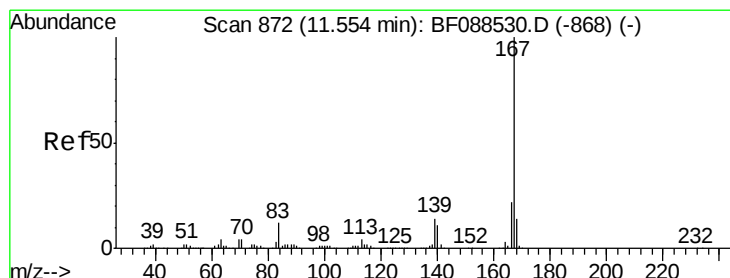
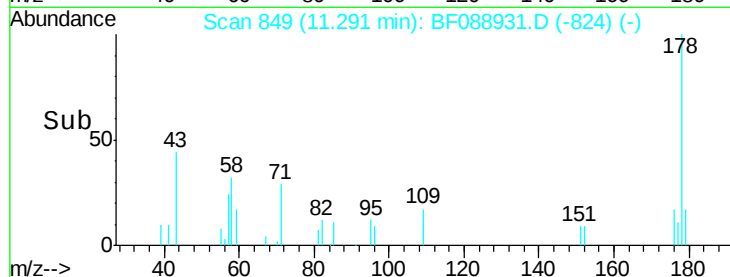
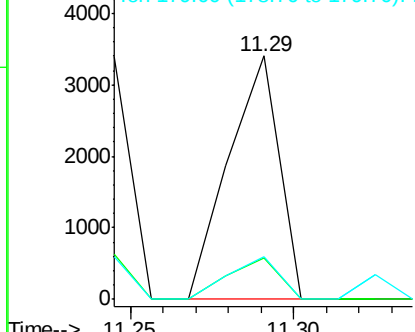
#71
 Anthracene
 Concen: 0.45 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BF088931.D
 Acq: 12 Jul 2016 20:59

Instrument :
 BNA_F
 ClientSampleId :
 SS-15(BG)

Tgt Ion:178 Resp: 3615
 Ion Ratio Lower Upper
 178 100
 176 16.9 15.6 23.4
 179 17.3 12.8 19.2

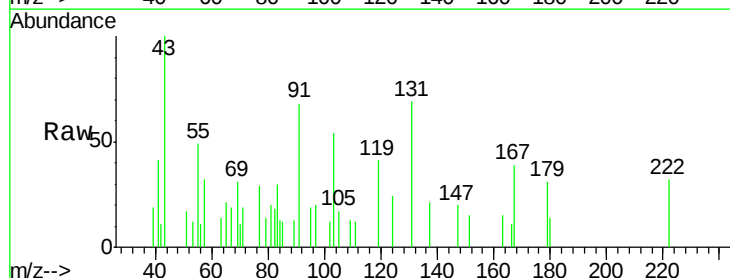


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

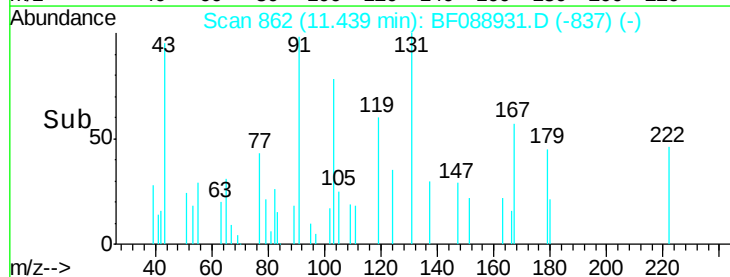
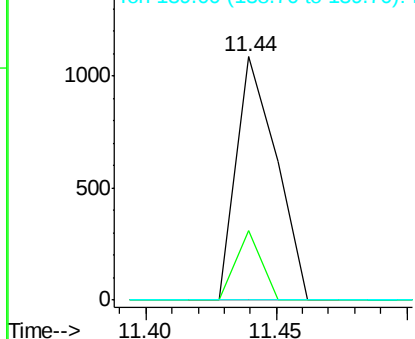


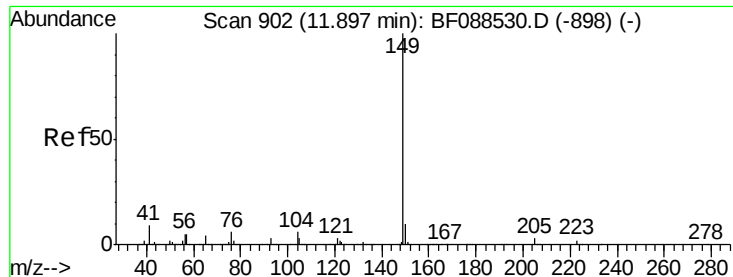
#72
 Carbazole
 Concen: 0.16 ng
 RT: 11.44 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BF088931.D
 Acq: 12 Jul 2016 20:59

Tgt Ion:167 Resp: 1171
 Ion Ratio Lower Upper
 167 100
 166 28.4 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

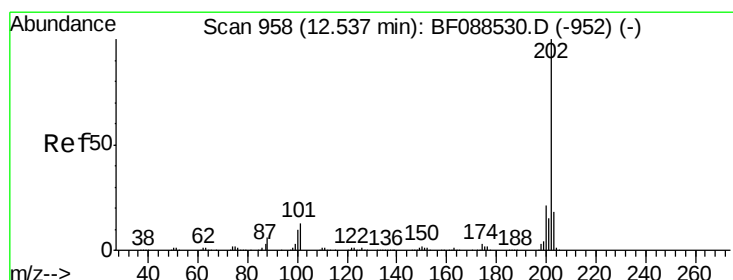
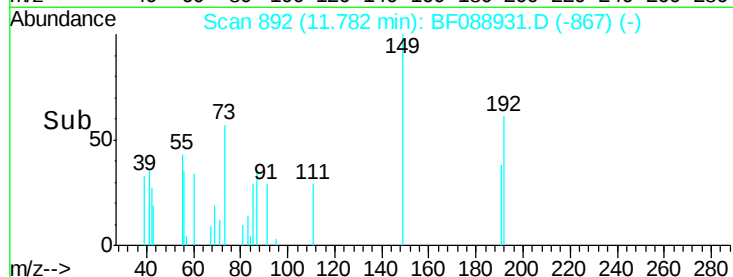
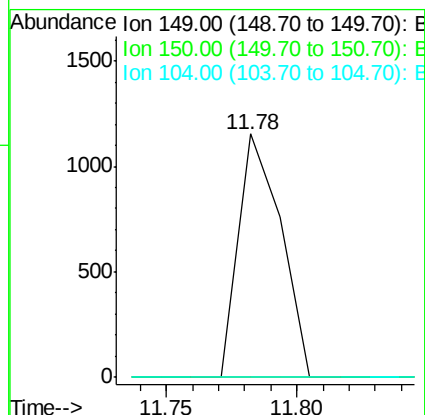
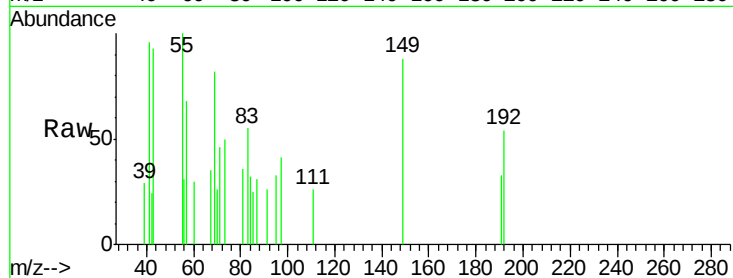




#73
Di-n-butylphthalate
Concen: 0.15 ng
RT: 11.78 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF088931.D
Acq: 12 Jul 2016 20:59

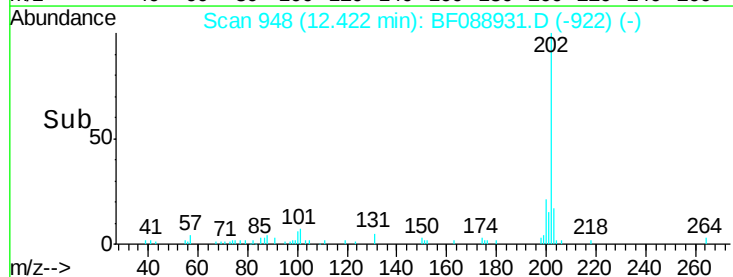
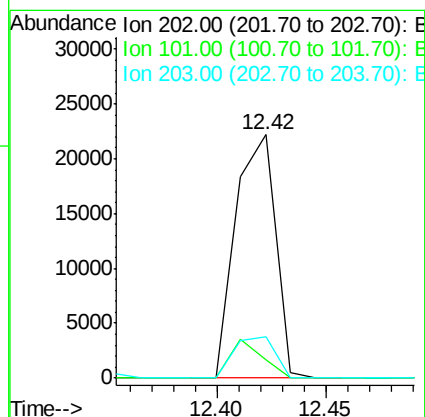
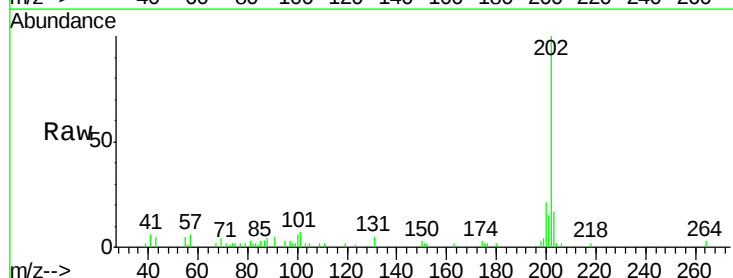
Instrument :
BNA_F
ClientSampleId :
SS-15(BG)

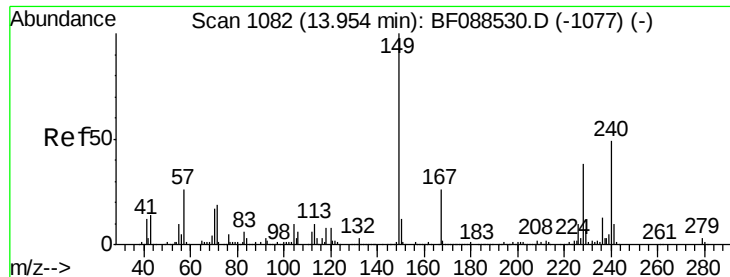
Tgt Ion:149 Resp: 1315
Ion Ratio Lower Upper
149 100
150 0.0 7.8 11.6#
104 0.0 4.0 6.0#



#74
Fluoranthene
Concen: 3.47 ng
RT: 12.42 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF088931.D
Acq: 12 Jul 2016 20:59

Tgt Ion:202 Resp: 28177
Ion Ratio Lower Upper
202 100
101 7.4 0.0 33.1
203 16.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SS-15(BG)

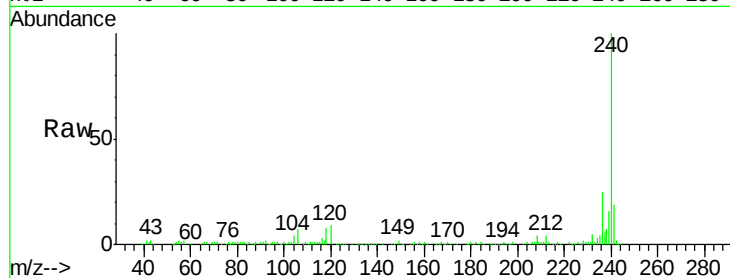
Tgt Ion:240 Resp: 145614

Ion Ratio Lower Upper

240 100

120 8.9 6.8 10.2

236 25.4 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

13.84

150000

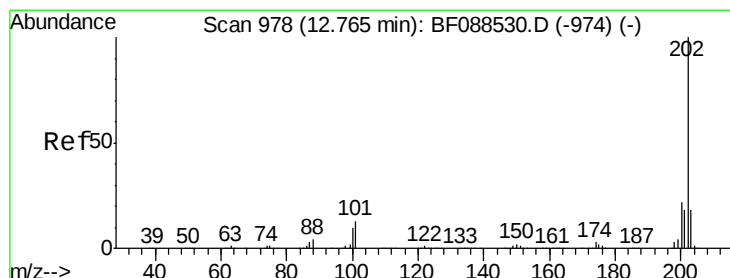
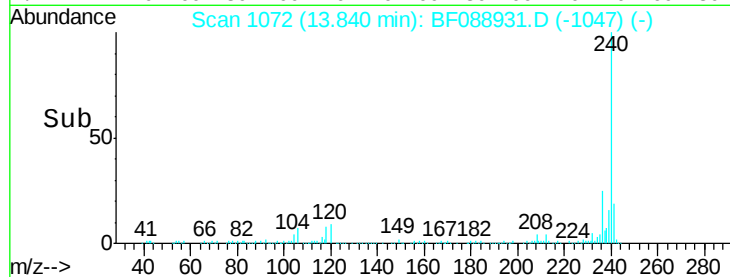
100000

50000

0

13.80 13.90

Time-->



#77

Pyrene

Concen: 2.52 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

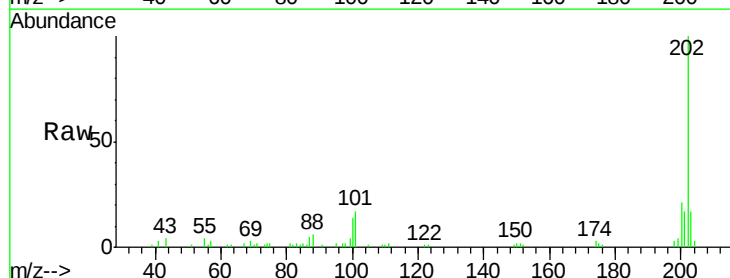
Tgt Ion:202 Resp: 31078

Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.2

203 17.4 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

12.64

40000

30000

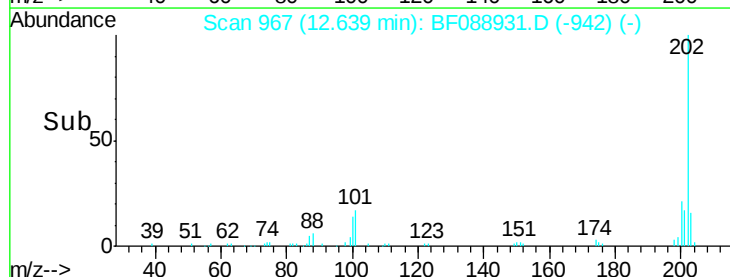
20000

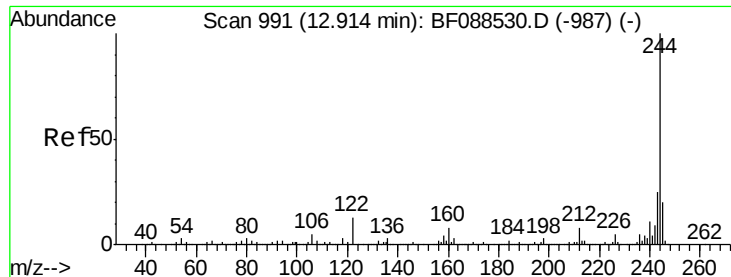
10000

0

12.60 12.65 12.70

Time-->

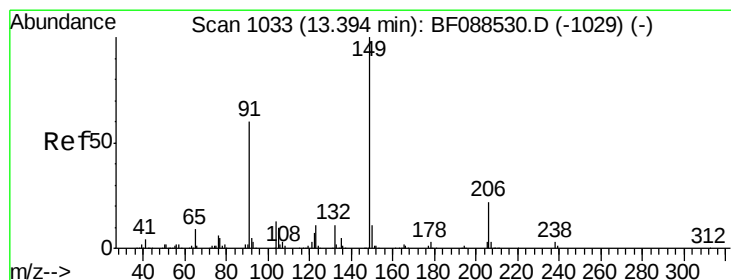
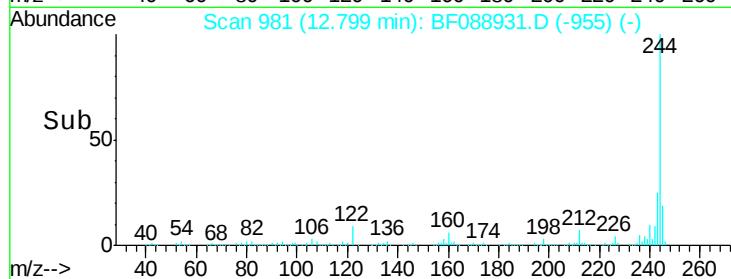
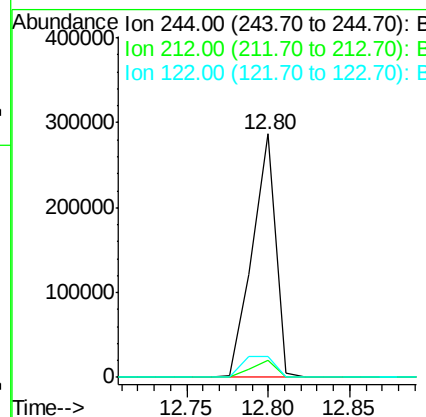
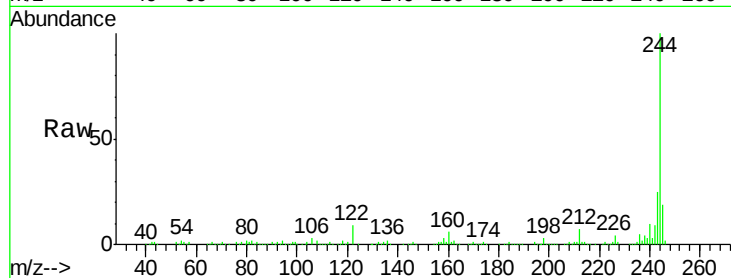




#78
 Terphenyl-d14
 Concen: 43.49 ng
 RT: 12.80 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF088931.D
 Acq: 12 Jul 2016 20:59

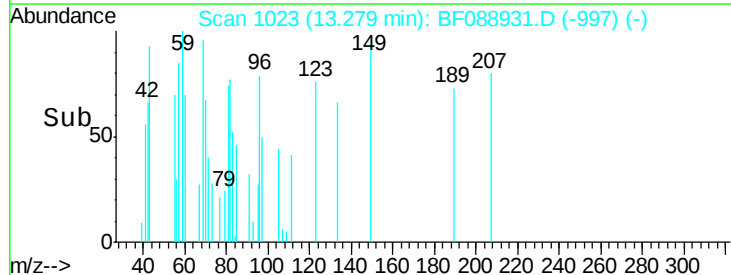
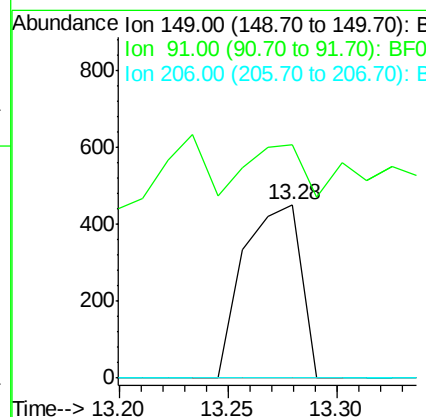
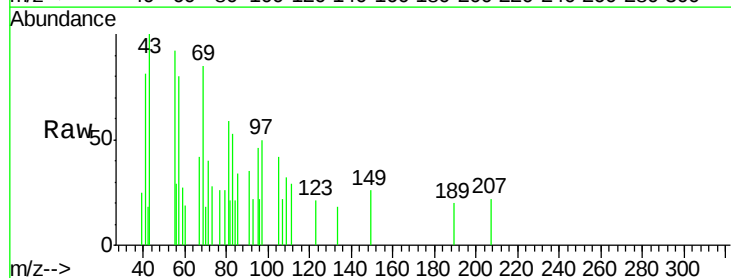
Instrument :
 BNA_F
 ClientSampleId :
 SS-15(BG)

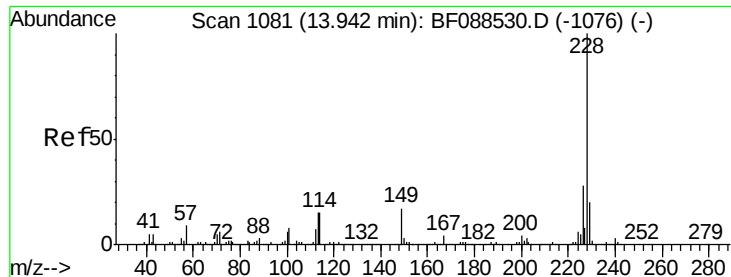
Tgt Ion: 244 Resp: 284323
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 8.5 11.2 16.8#



#79
 Butylbenzylphthalate
 Concen: 0.15 ng
 RT: 13.28 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF088931.D
 Acq: 12 Jul 2016 20:59

Tgt Ion: 149 Resp: 825
 Ion Ratio Lower Upper
 149 100
 91 134.6 48.0 72.0#
 206 0.0 16.0 24.0#





#80

Benzo(a)anthracene

Concen: 1.73 ng

RT: 13.86 min Scan# 1074

Delta R.T. 0.02 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SS-15(BG)

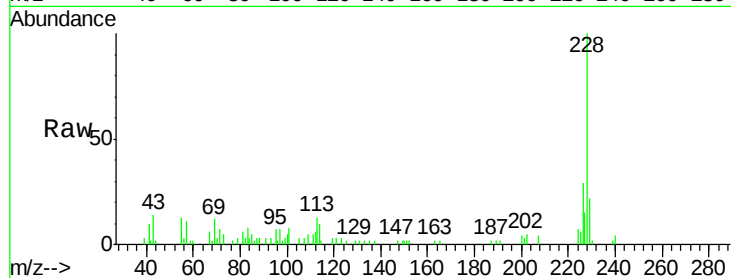
Tgt Ion:228 Resp: 16188

Ion Ratio Lower Upper

228 100

226 29.2 22.3 33.5

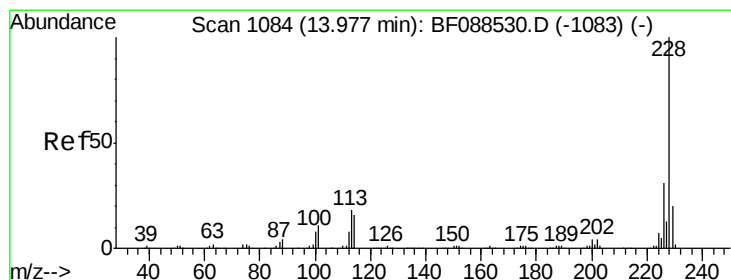
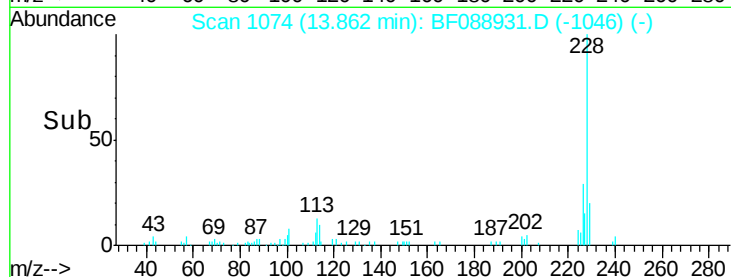
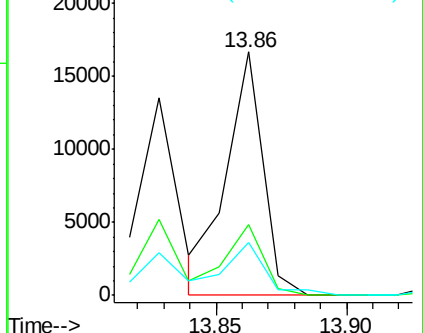
229 21.6 16.0 24.0



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: 1.75 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

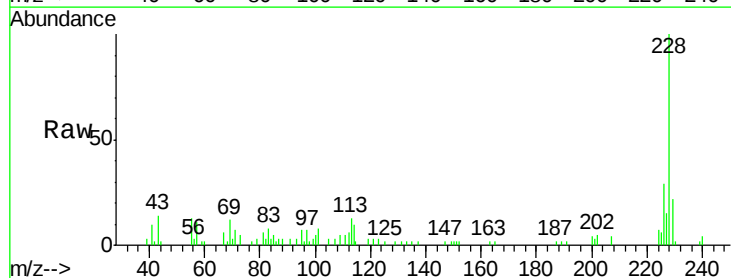
Tgt Ion:228 Resp: 16188

Ion Ratio Lower Upper

228 100

226 29.2 25.4 38.2

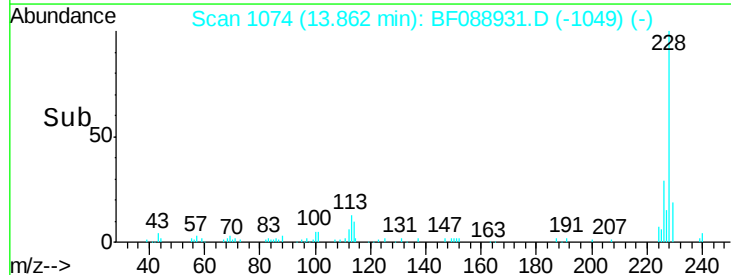
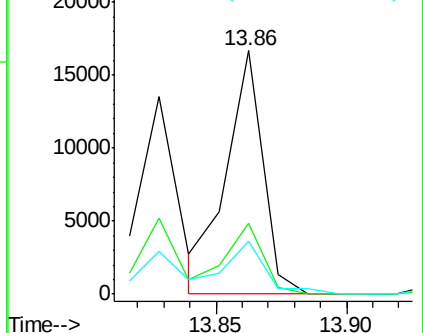
229 21.6 16.3 24.5

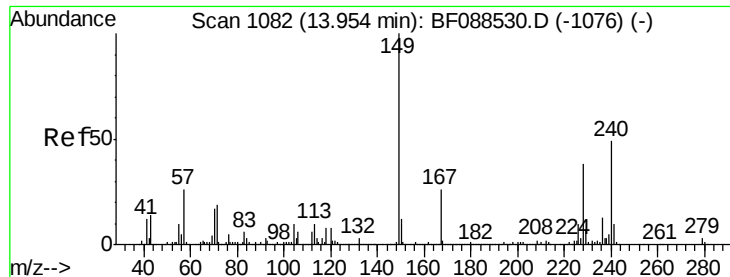


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.57 ng

RT: 13.84 min Scan# 1072

Delta R.T. 0.00 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SS-15(BG)

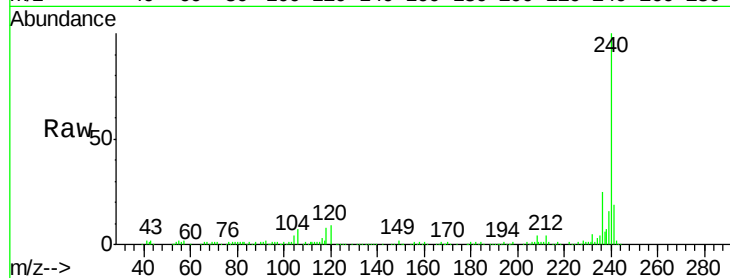
Tgt Ion:149 Resp: 3564

Ion Ratio Lower Upper

149 100

167 28.4 20.5 30.7

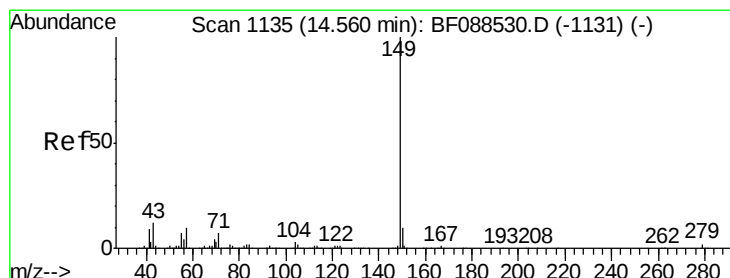
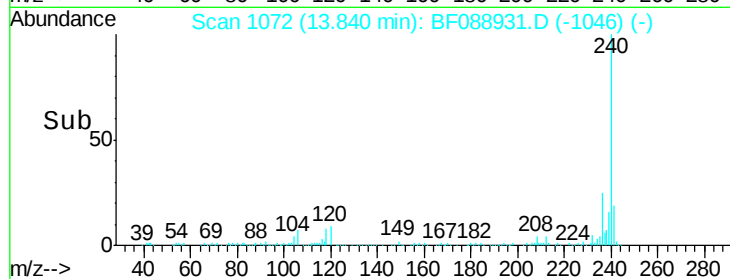
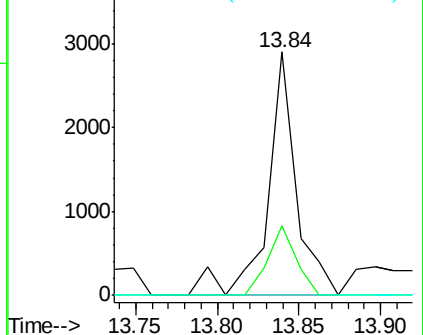
279 0.0 2.0 3.0#



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: 0.04 ng

RT: 14.46 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

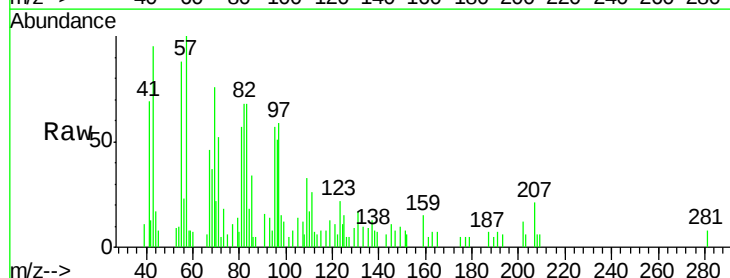
Tgt Ion:149 Resp: 387

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

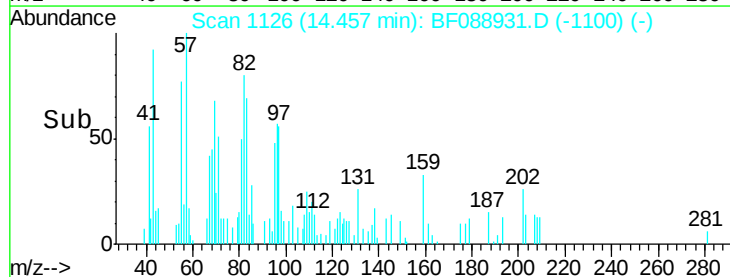
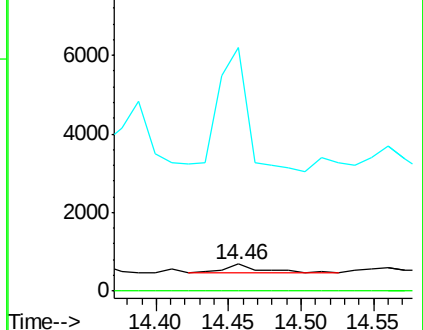
43 1110.9 0.0 0.0#

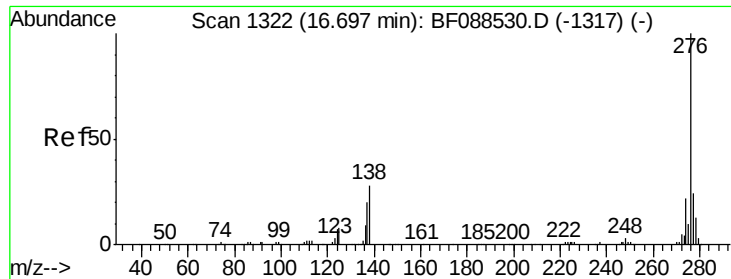


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

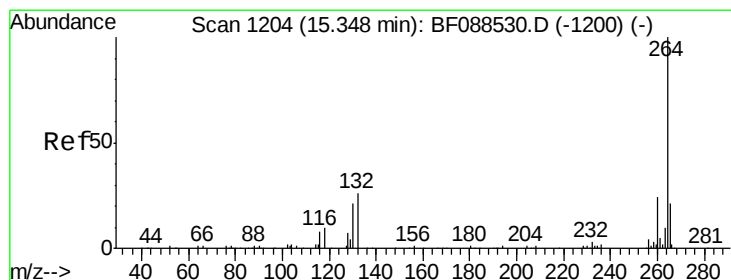
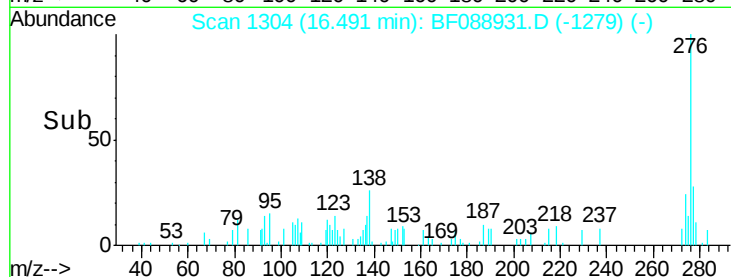
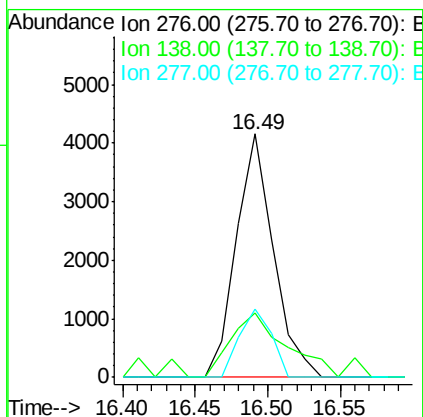
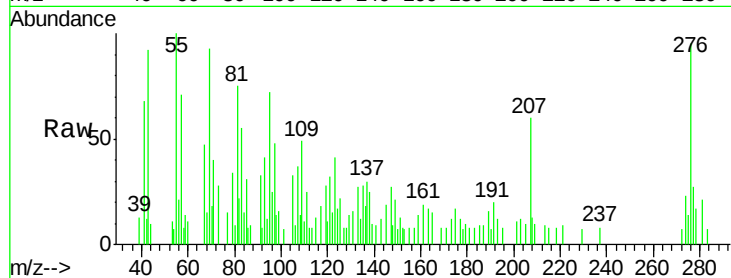




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 1.03 ng
 RT: 16.49 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF088931.D
 Acq: 12 Jul 2016 20:59

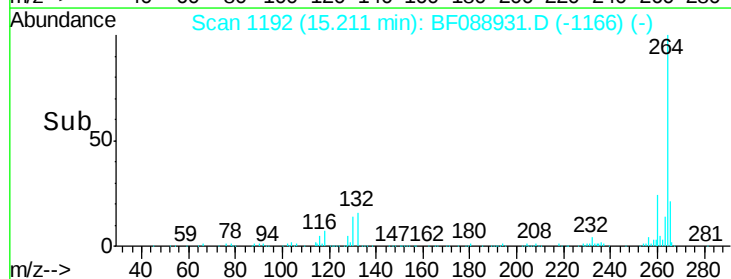
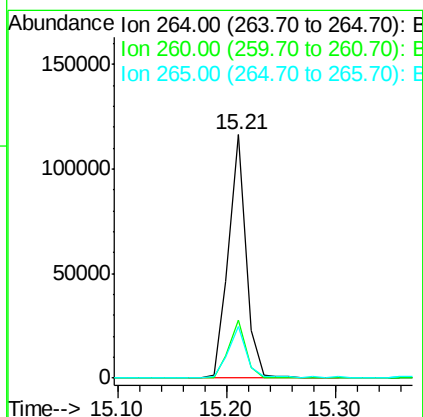
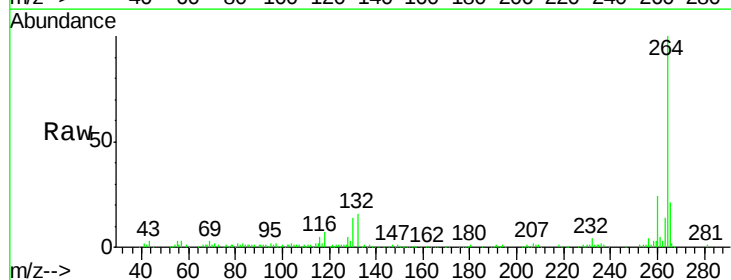
Instrument :
 BNA_F
 ClientSampleId :
 SS-15(BG)

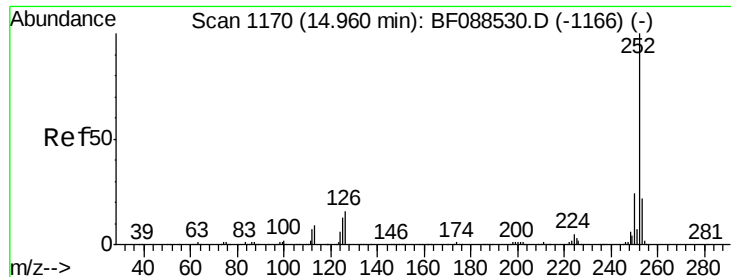
Tgt Ion: 276 Resp: 7386
 Ion Ratio Lower Upper
 276 100
 138 42.5 0.0 0.0#
 277 24.1 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF088931.D
 Acq: 12 Jul 2016 20:59

Tgt Ion: 264 Resp: 130769
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.4 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 3.22 ng

RT: 14.83 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SS-15(BG)

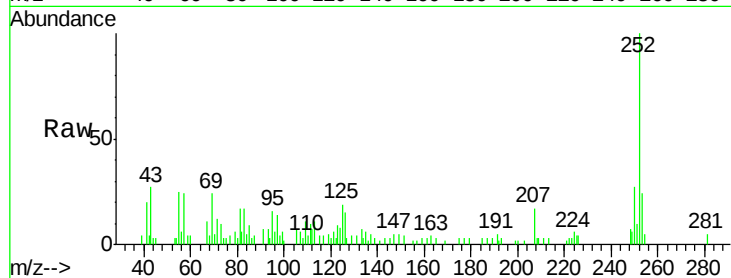
Tgt Ion:252 Resp: 26402

Ion Ratio Lower Upper

252 100

253 24.2 17.4 26.2

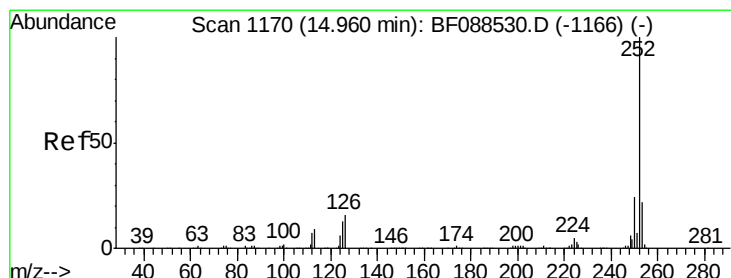
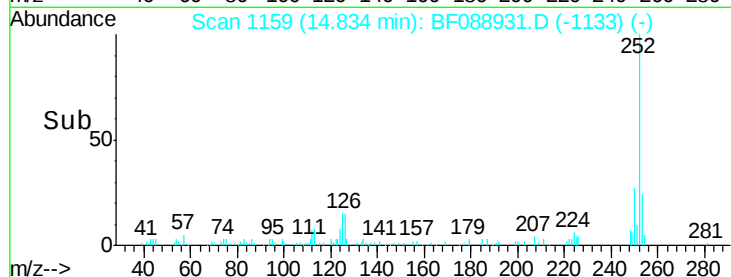
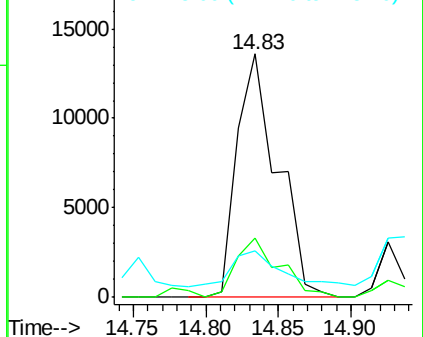
125 19.1 7.1 10.7#



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: 3.70 ng

RT: 14.83 min Scan# 1159

Delta R.T. -0.03 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

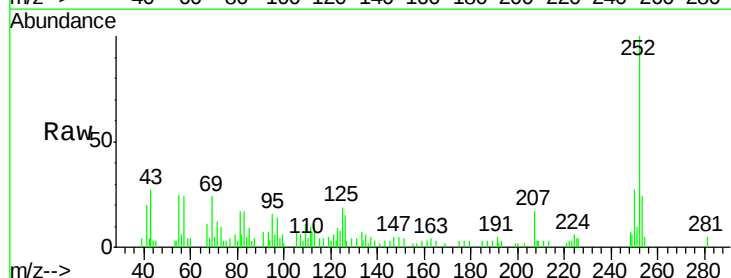
Tgt Ion:252 Resp: 26402

Ion Ratio Lower Upper

252 100

253 24.2 18.0 27.0

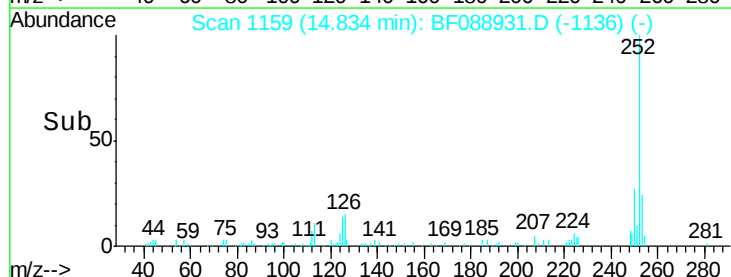
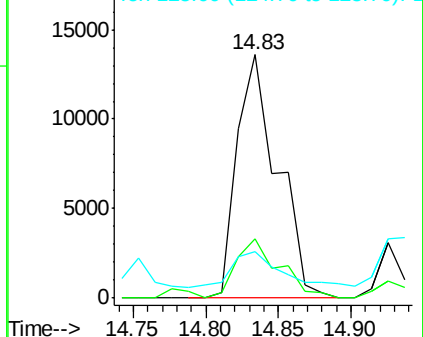
125 19.1 11.2 16.8#

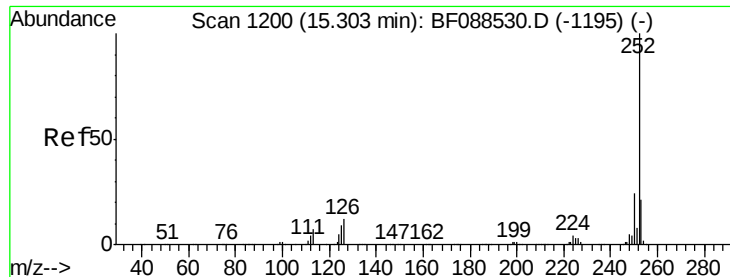


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 1.82 ng

RT: 15.15 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SS-15(BG)

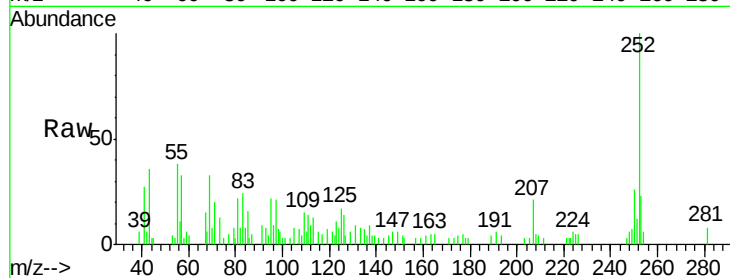
Tgt Ion:252 Resp: 12645

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

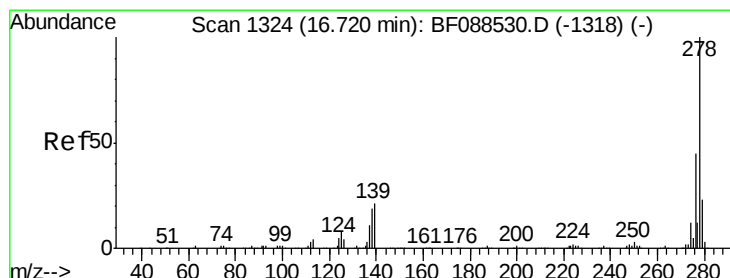
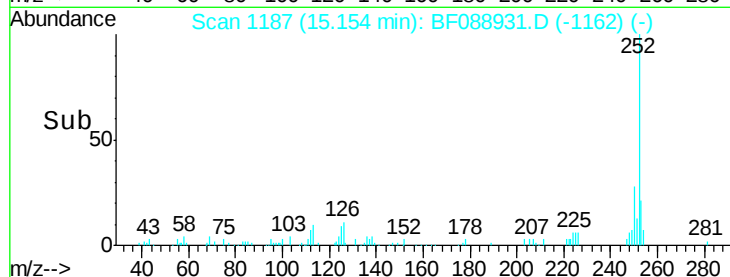
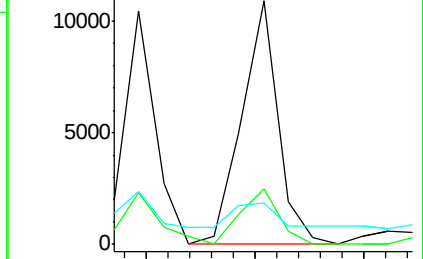
125 17.2 12.5 18.7



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: 0.32 ng

RT: 16.50 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

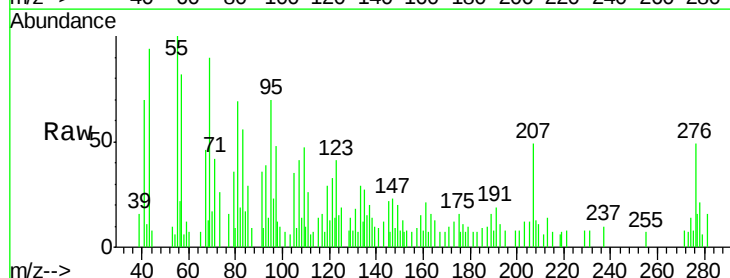
Tgt Ion:278 Resp: 1867

Ion Ratio Lower Upper

278 100

139 49.8 15.7 23.5#

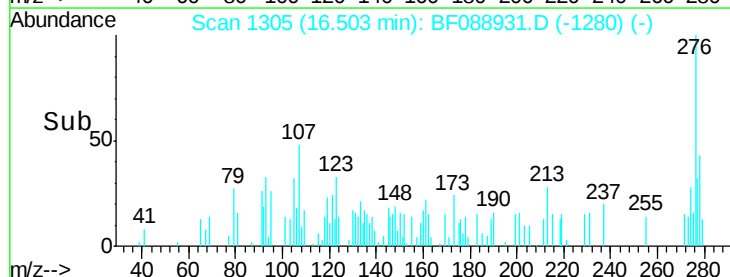
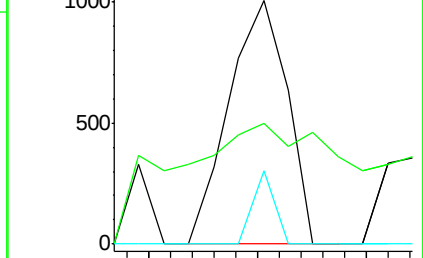
279 30.1 19.4 29.2#

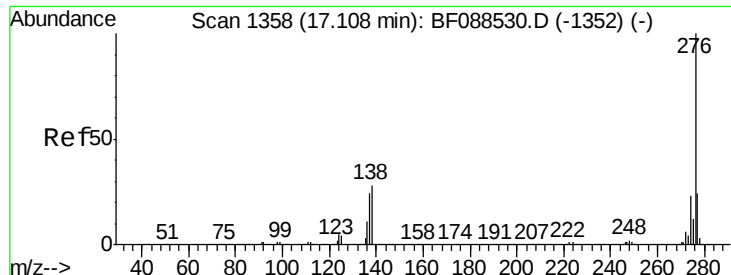


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.15 ng

RT: 16.88 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF088931.D

Acq: 12 Jul 2016 20:59

Instrument :

BNA_F

ClientSampleId :

SS-15(BG)

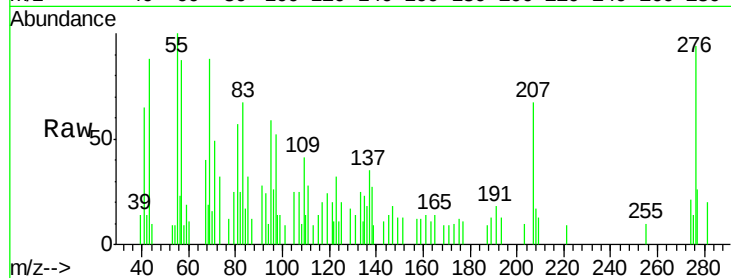
Tgt Ion:276 Resp: 6876

Ion Ratio Lower Upper

276 100

277 27.6 18.9 28.3

138 28.3 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

