

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
 Data File : BF088930.D
 Acq On : 12 Jul 2016 20:29
 Operator : UM/SJ
 Sample : H3889-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-14

Quant Time: Jul 13 02:16:22 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	64212	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	257314	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	102424	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	152761	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	143338	20.00	ng	-0.01
86) Perylene-d12	15.21	264	129849	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	449617	104.94	ng	0.01
7) Phenol-d6	6.35	99	526223	95.05	ng	0.00
23) Nitrobenzene-d5	7.27	82	313584	63.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	95292	100.19	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	606924	93.60	ng	0.00
78) Terphenyl-d14	12.80	244	364418	56.63	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.34	93	263	0.03	ng	# 1
9) Benzaldehyde	6.35	77	967	0.26	ng	# 1
10) Phenol	6.36	94	1003	0.16	ng	# 42
11) bis(2-Chloroethyl)ether	6.48	93	658	0.14	ng	# 1
15) Benzyl Alcohol	6.86	79	6780	1.66	ng	# 51
16) 2,2'-oxybis(1-Chloropropan	7.10	45	249	0.04	ng	71
17) 2-Methylphenol	6.86	107	603	0.16	ng	# 1
19) n-Nitroso-di-n-propylamine	7.27	70	42397	11.40	ng	# 75
24) Nitrobenzene	7.27	77	694	0.14	ng	# 27
25) Isophorone	7.27	82	261246	28.72	ng	# 65
27) 2,4-Dimethylphenol	7.71	122	4062	0.96	ng	# 7
31) Naphthalene	8.01	128	338	0.03	ng	# 68
32) Benzoic acid	7.71	122	4062	1.32	ng	# 86
33) 4-Chloroaniline	8.07	127	18727	3.32	ng	# 93
35) Caprolactam	8.43	113	799	0.69	ng	# 13
45) 1,1'-Biphenyl	9.07	154	1319	0.16	ng	# 1
47) 2-Nitroaniline	9.20	65	749	0.32	ng	# 7
48) Acenaphthylene	9.60	152	606	0.06	ng	# 60
49) Dimethylphthalate	9.46	163	91926	12.60	ng	99
50) 2,6-Dinitrotoluene	9.46	165	889	0.55	ng	# 1
51) Acenaphthene	9.77	154	230	0.04	ng	# 75
54) Dibenzofuran	9.94	168	252	0.03	ng	# 49
56) 2,4-Dinitrotoluene	9.74	165	13838	6.54	ng	# 37
57) Fluorene	10.28	166	307	0.05	ng	# 88
59) Diethylphthalate	10.16	149	1808	0.25	ng	# 87
62) Azobenzene	10.44	77	255	0.03	ng	# 3
64) 4,6-Dinitro-2-methylphenol	10.52	198	245	0.30	ng	# 1
65) n-Nitrosodiphenylamine	10.41	169	266	0.05	ng	# 24
66) 4-Bromophenyl-phenylether	10.52	248	6811	4.42	ng	# 1
70) Phenanthrene	11.23	178	4081	0.49	ng	97
71) Anthracene	11.23	178	4081	0.49	ng	97
72) Carbazole	11.44	167	371	0.05	ng	# 58
73) Di-n-butylphthalate	11.78	149	1518	0.17	ng	# 77
74) Fluoranthene	12.41	202	7514	0.89	ng	92

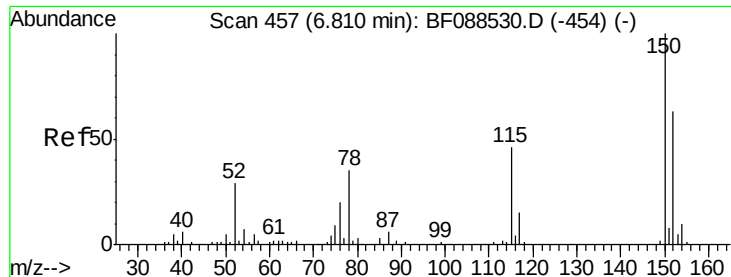
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
 Data File : BF088930.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	12.64	202	7167	0.59	ng	98
79) Butylbenzylphthalate	13.27	149	249	0.05	ng #	16
80) Benzo(a)anthracene	13.83	228	4978	0.54	ng #	90
82) Chrysene	13.83	228	4978	0.55	ng	95
83) Bis(2-ethylhexyl)phthalate	13.84	149	3944	0.64	ng #	96
84) Di-n-octyl phthalate	14.41	149	287	0.03	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.49	276	1934	0.28	ng #	100
87) Benzo(b)fluoranthene	14.83	252	6926	0.85	ng #	66
88) Benzo(k)fluoranthene	14.83	252	6926	0.98	ng #	70
89) Benzo(a)pyrene	15.15	252	3345	0.49	ng #	77
90) Dibenzo(a,h)anthracene	16.33	278	210	0.04	ng #	1
91) Benzo(g,h,i)perylene	16.88	276	1963	0.33	ng #	65

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

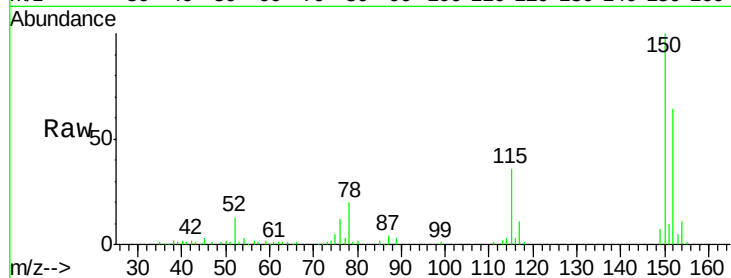


#1

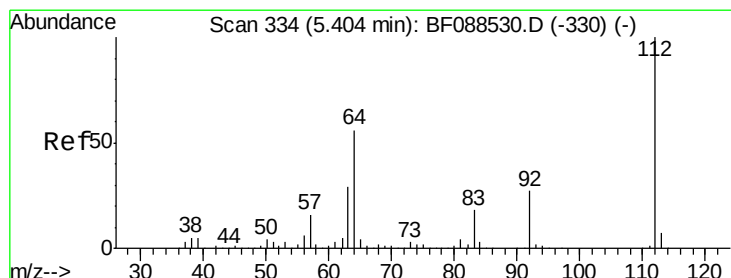
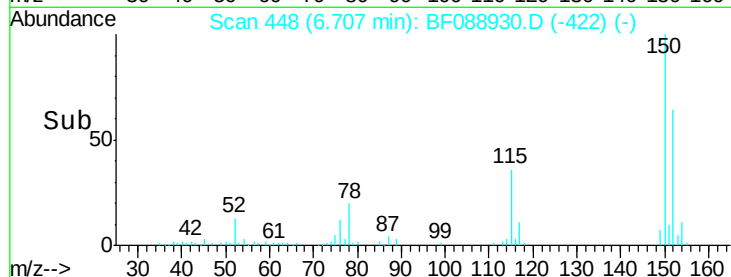
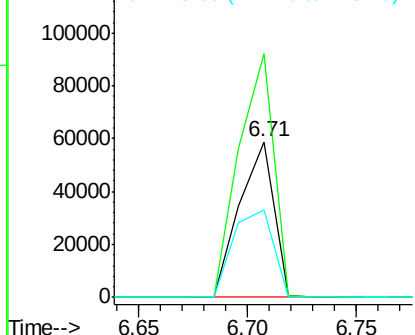
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF088930.D
Acq: 12 Jul 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SS-14

Tgt Ion:152 Resp: 64212
Ion Ratio Lower Upper
152 100
150 156.7 123.8 185.6
115 55.9 39.6 59.4



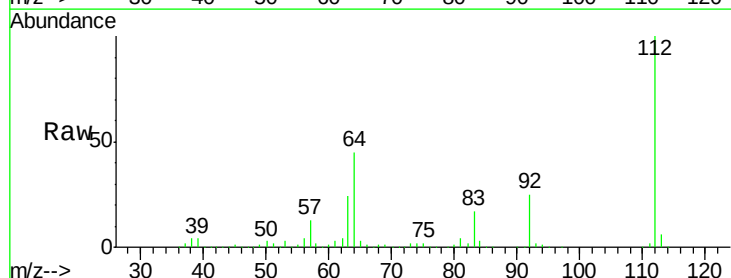
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



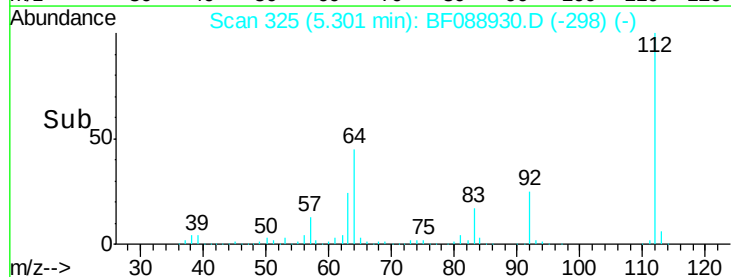
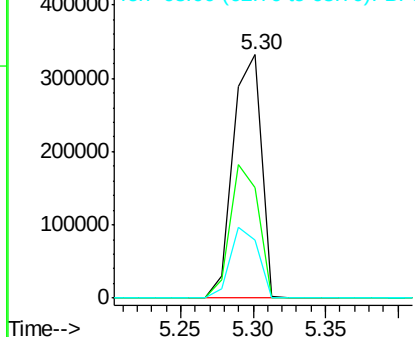
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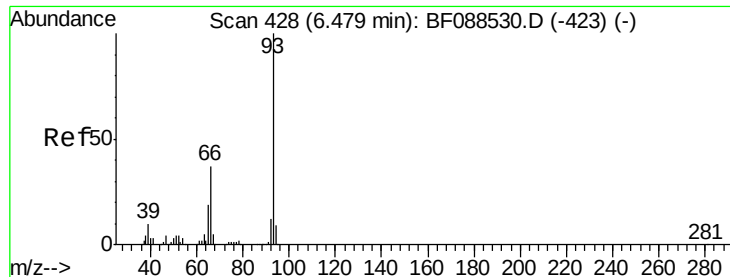
2-Fluorophenol
Concen: 104.94 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.01 min
Lab File: BF088930.D
Acq: 12 Jul 2016 20:29

Tgt Ion:112 Resp: 449617
Ion Ratio Lower Upper
112 100
64 45.5 42.2 63.2
63 24.0 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: 0.03 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SS-14

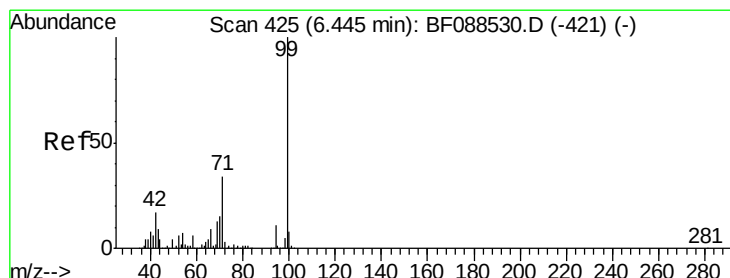
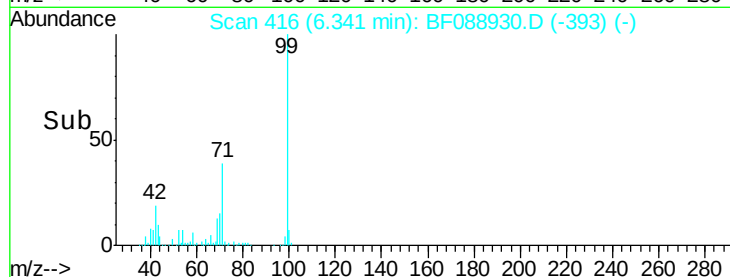
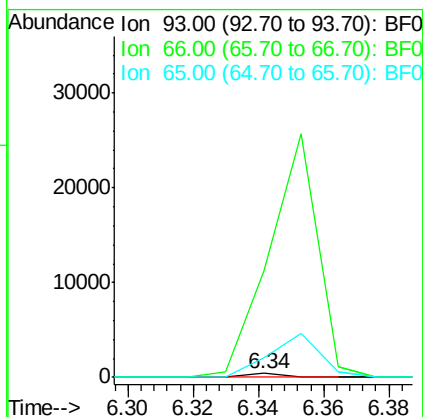
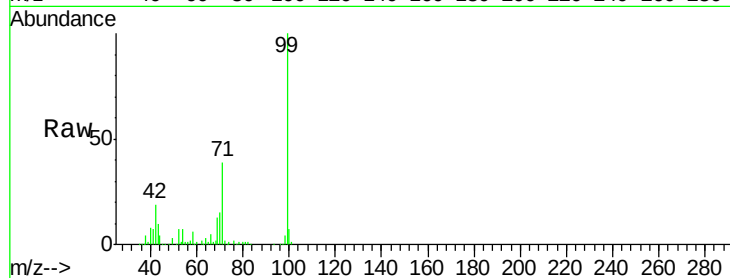
Tgt Ion: 93 Resp: 263

Ion Ratio Lower Upper

93 100

66 2940.1 29.8 44.8#

65 549.0 14.9 22.3#



#7

Phenol-d6

Concen: 95.05 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

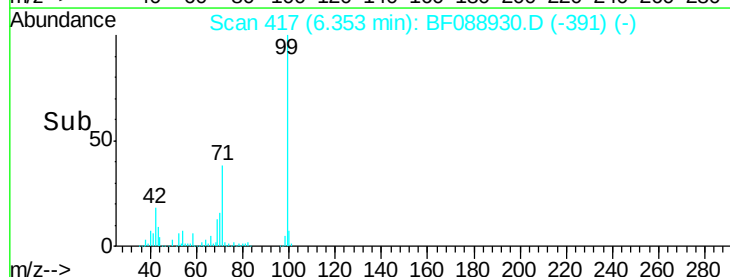
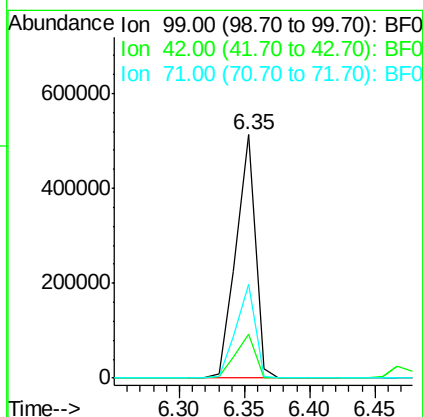
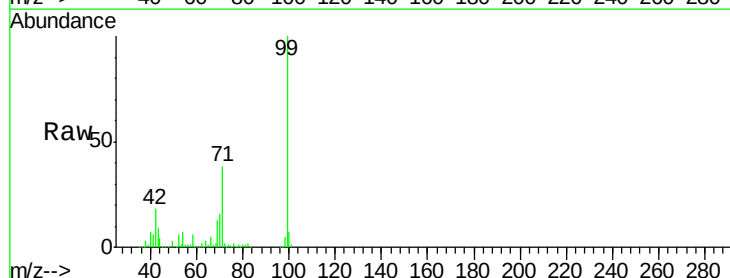
Tgt Ion: 99 Resp: 526223

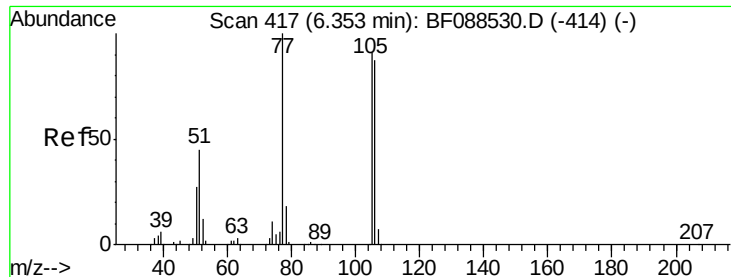
Ion Ratio Lower Upper

99 100

42 18.1 12.2 18.2

71 38.4 23.4 35.0#





#9

Benzaldehyde

Concen: 0.26 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.10 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

Instrument :

BNA_F

ClientSampled :

SS-14

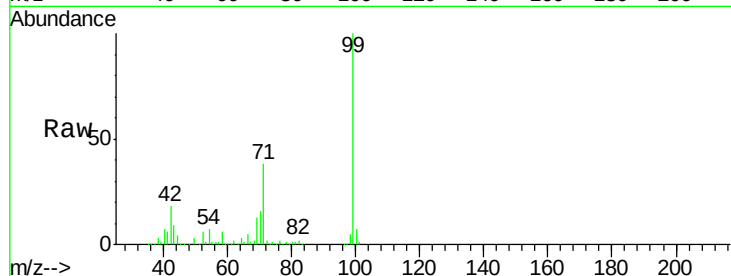
Tgt Ion: 77 Resp: 967

Ion Ratio Lower Upper

77 100

105 0.0 90.6 130.6#

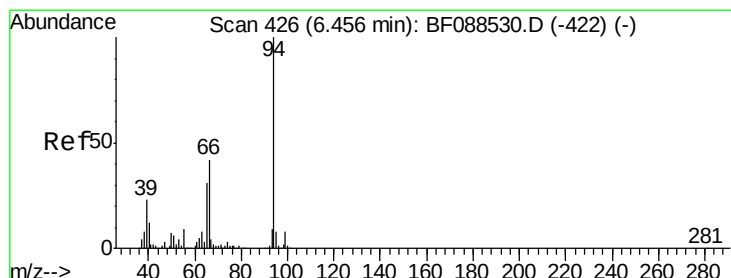
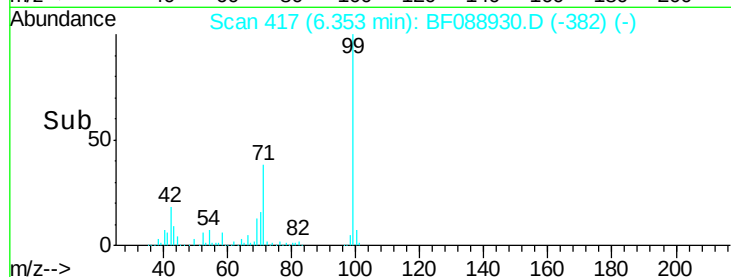
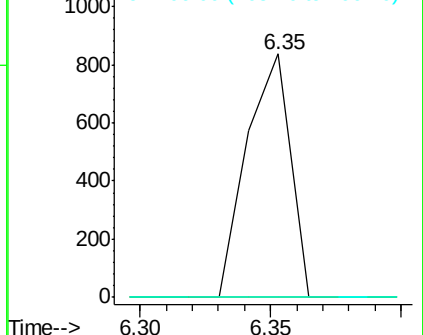
106 0.0 85.3 125.3#



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: 0.16 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

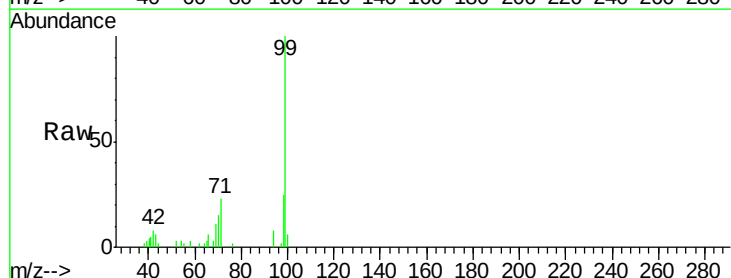
Tgt Ion: 94 Resp: 1003

Ion Ratio Lower Upper

94 100

65 39.8 5.9 45.9

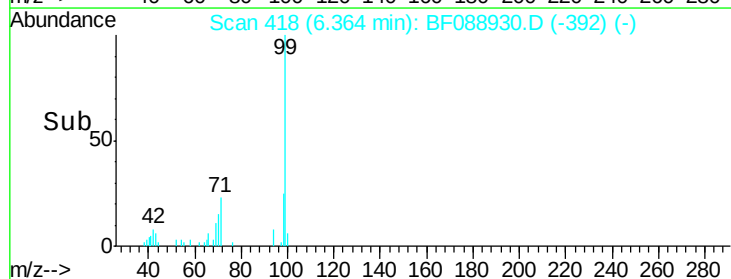
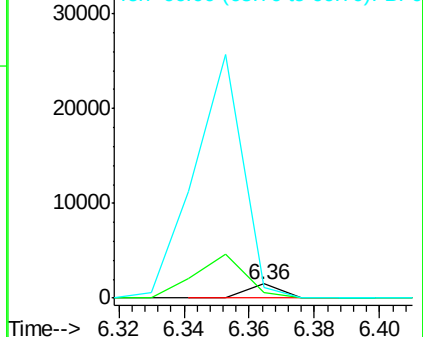
66 80.9 14.0 54.0#

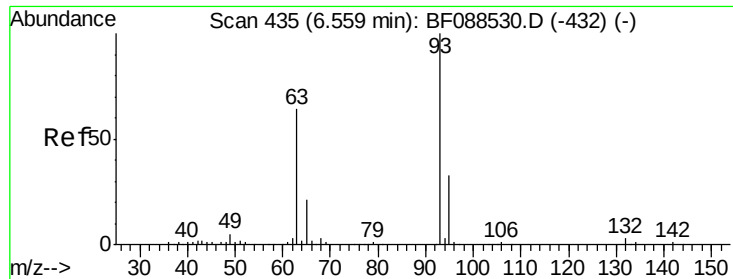


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

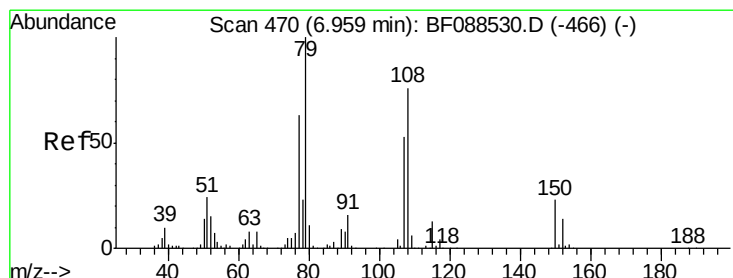
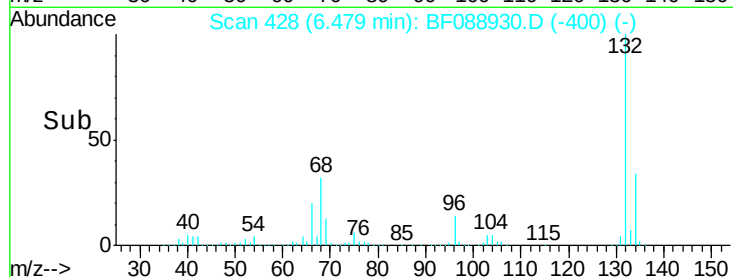
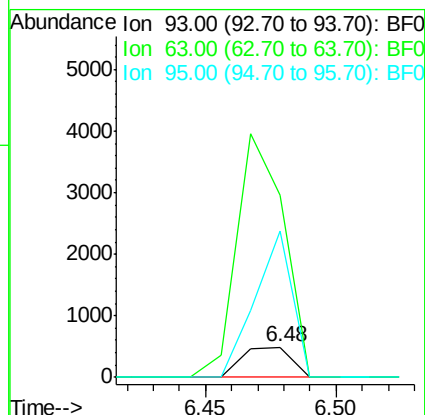
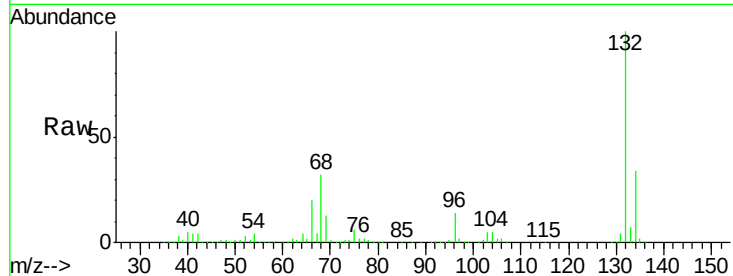




#11
bis(2-Chloroethyl)ether
Concen: 0.14 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.02 min
Lab File: BF088930.D
Acq: 12 Jul 2016 20:29

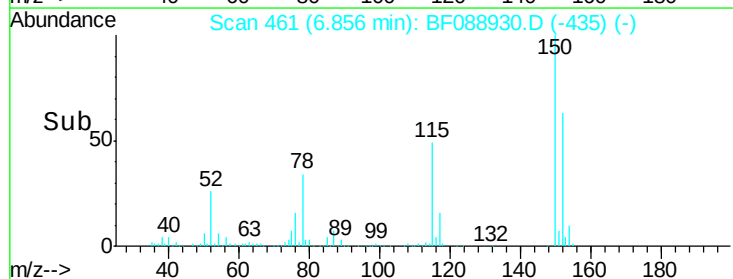
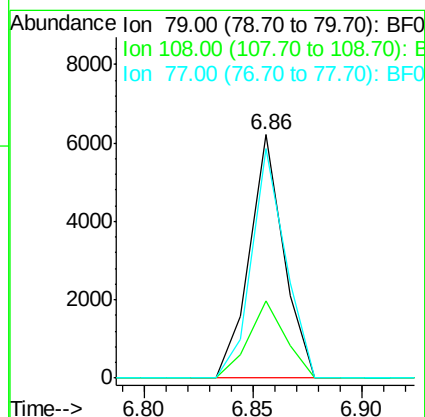
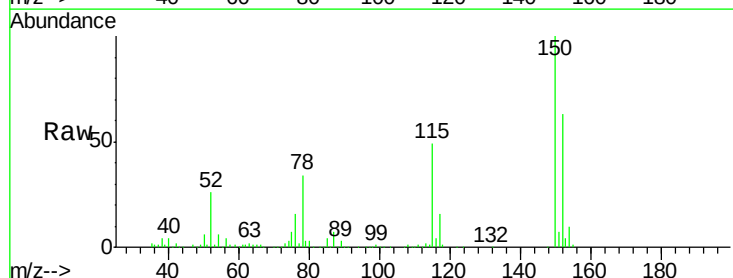
Instrument :
BNA_F
ClientSampled :
SS-14

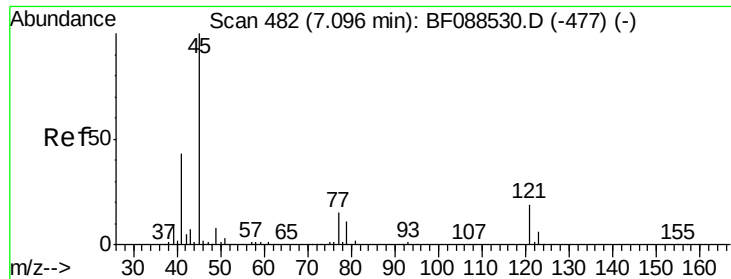
Tgt Ion: 93 Resp: 658
Ion Ratio Lower Upper
93 100
63 608.0 67.6 107.6#
95 486.9 12.5 52.5#



#15
Benzyl Alcohol
Concen: 1.66 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF088930.D
Acq: 12 Jul 2016 20:29

Tgt Ion: 79 Resp: 6780
Ion Ratio Lower Upper
79 100
108 31.7 65.0 97.6#
77 94.2 50.3 75.5#

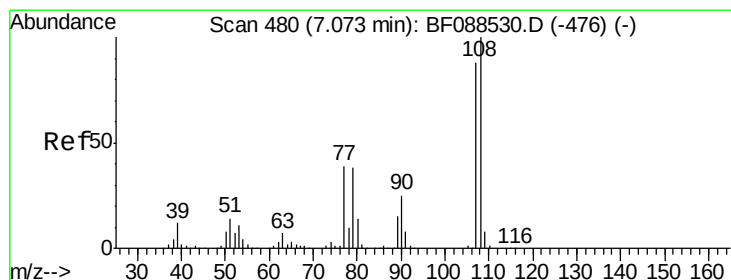
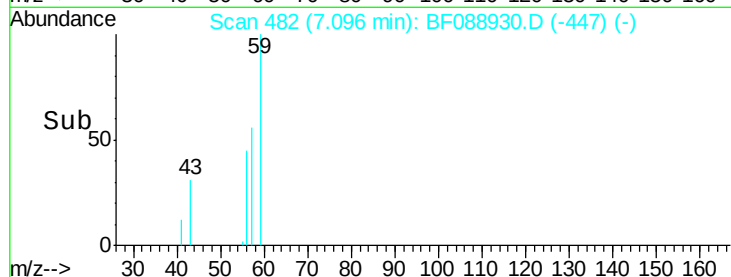
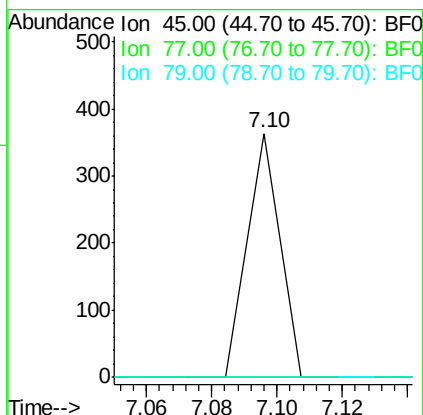
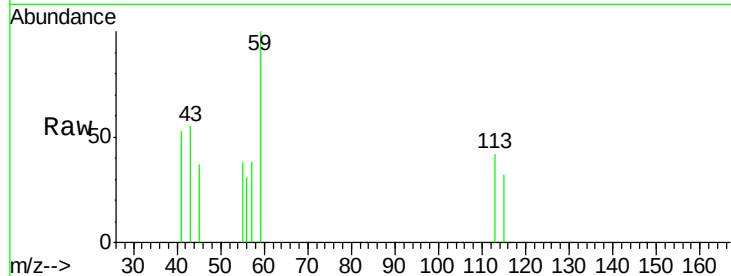




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.04 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.10 min
Lab File: BF088930.D
Acq: 12 Jul 2016 20:29

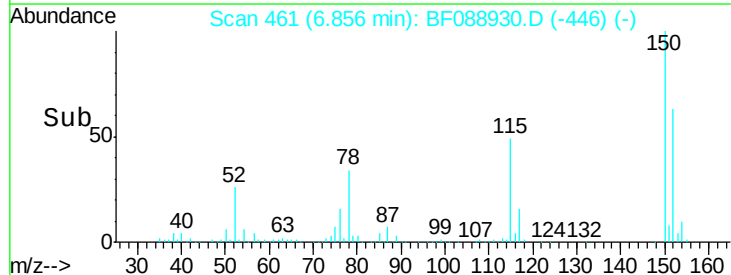
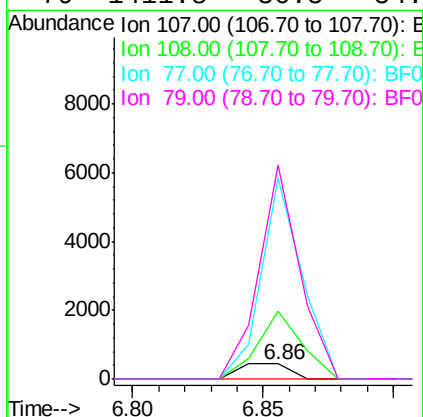
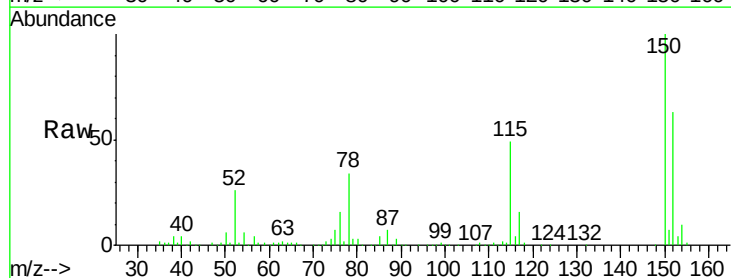
Instrument :
BNA_F
ClientSampled :
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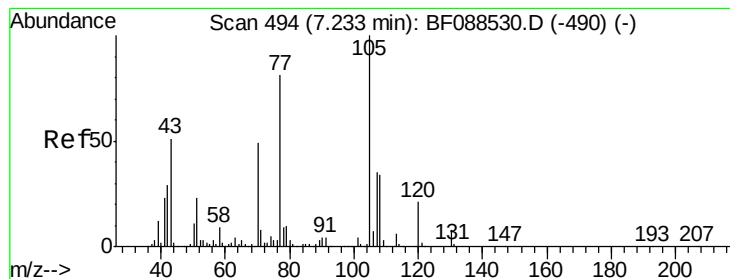
Tgt Ion: 45 Resp: 249
Ion Ratio Lower Upper
45 100
77 0.0 0.0 32.5
79 0.0 0.0 29.5



#17
2-Methylphenol
Concen: 0.16 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.13 min
Lab File: BF088930.D
Acq: 12 Jul 2016 20:29

Tgt Ion: 107 Resp: 603
Ion Ratio Lower Upper
107 100
108 447.7 90.9 136.3#
77 1329.3 36.6 55.0#
79 1411.8 36.5 54.7#





#19

n-Nitroso-di-n-propylamine

Concen: 11.40 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.13 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SS-14

Tgt Ion: 70 Resp: 42397

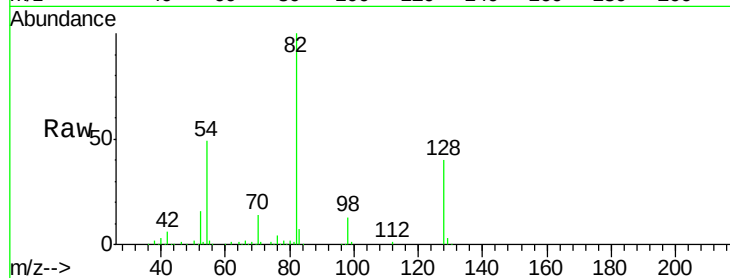
Ion Ratio Lower Upper

70 100

42 45.8 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#

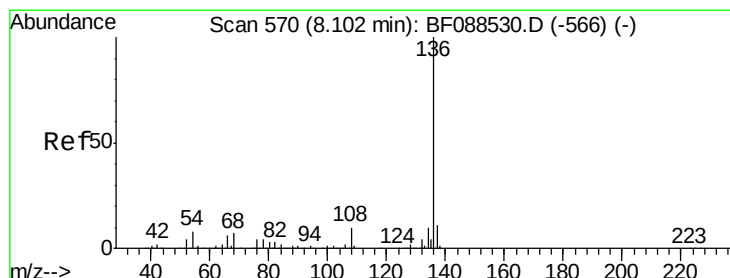
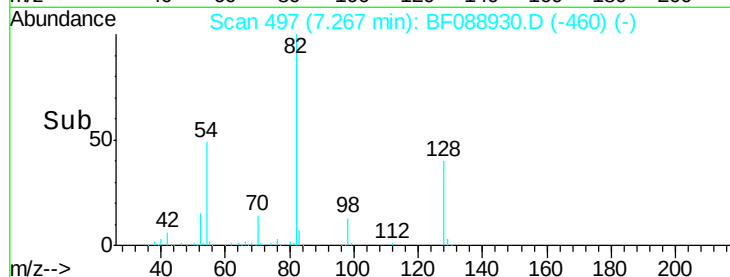
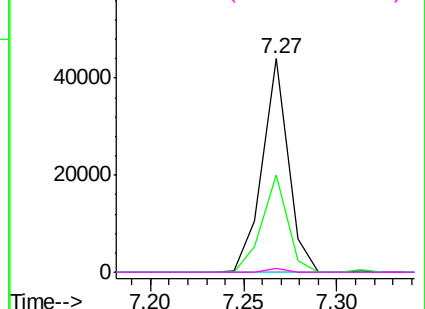


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

Tgt Ion: 136 Resp: 257314

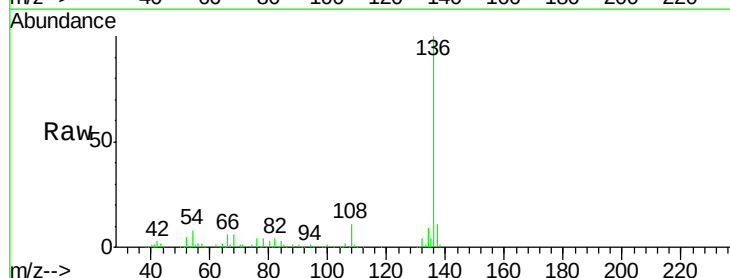
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.3 6.6 10.0

68 6.4 5.1 7.7

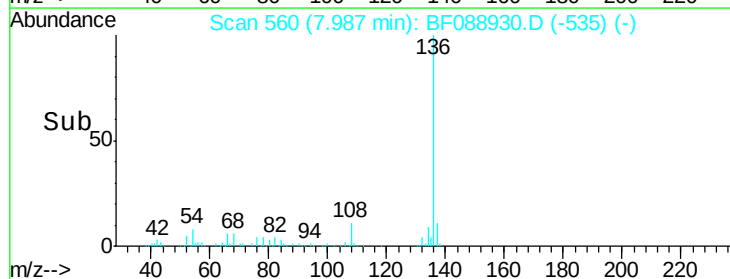
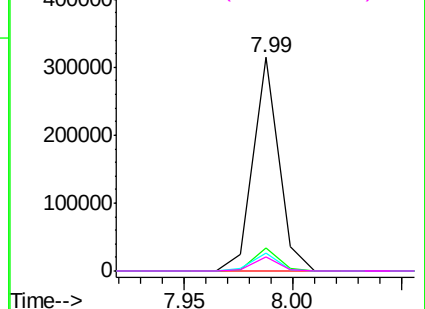


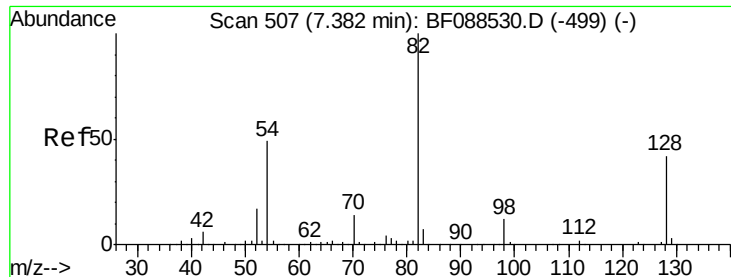
Abundance Ion 136.00 (135.70 to 136.70): E

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

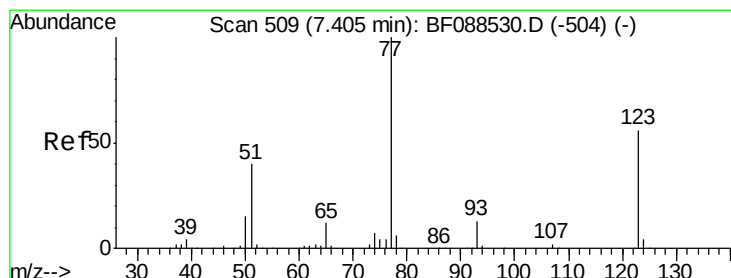
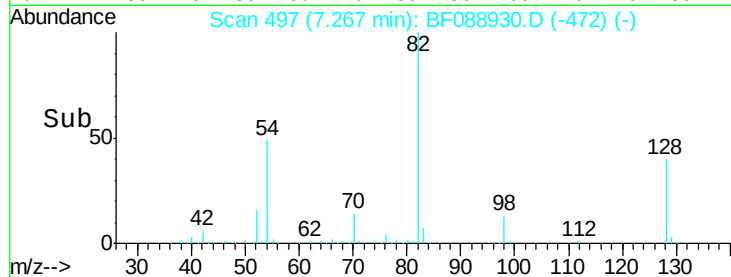
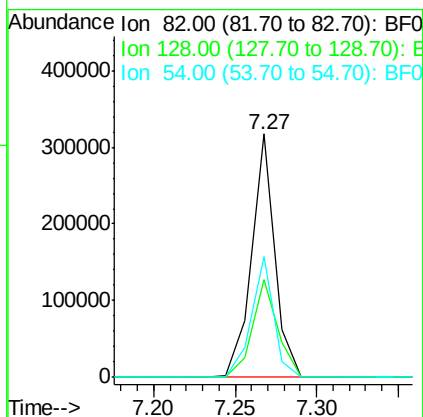
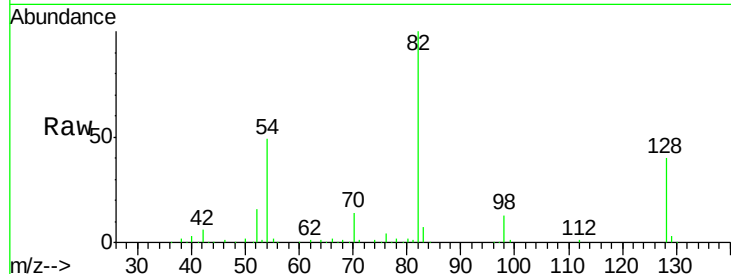




#23
 Nitrobenzene-d5
 Concen: 63.86 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF088930.D
 Acq: 12 Jul 2016 20:29

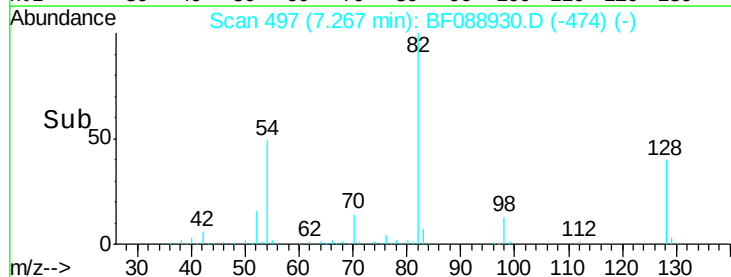
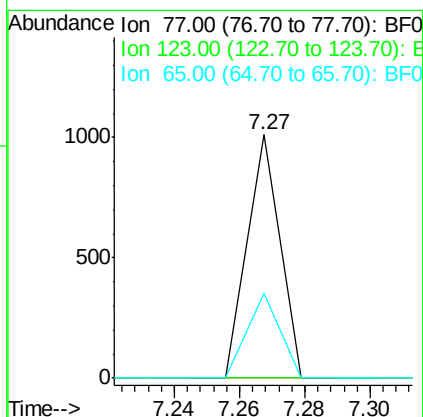
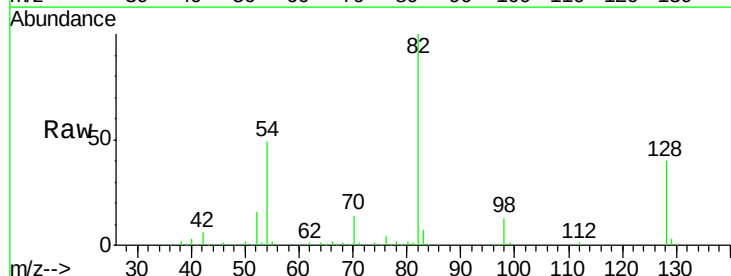
Instrument :
 BNA_F
 ClientSampled :
 SS-14

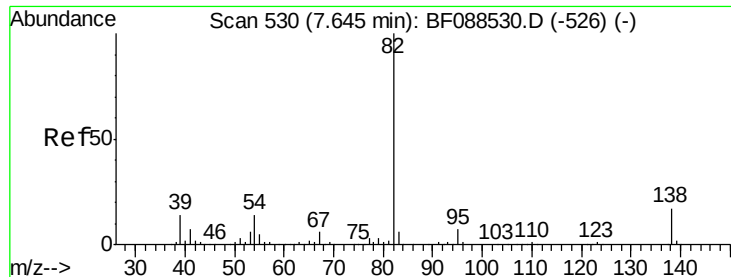
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.9	35.9	53.9
54	49.4	40.9	61.3



#24
 Nitrobenzene
 Concen: 0.14 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.03 min
 Lab File: BF088930.D
 Acq: 12 Jul 2016 20:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	45.0	67.4#
65	34.7	10.2	15.2#





#25

Isophorone

Concen: 28.72 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.27 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SS-14

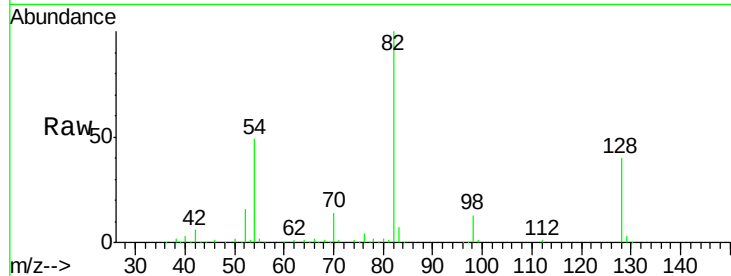
Tgt Ion: 82 Resp: 261246

Ion Ratio Lower Upper

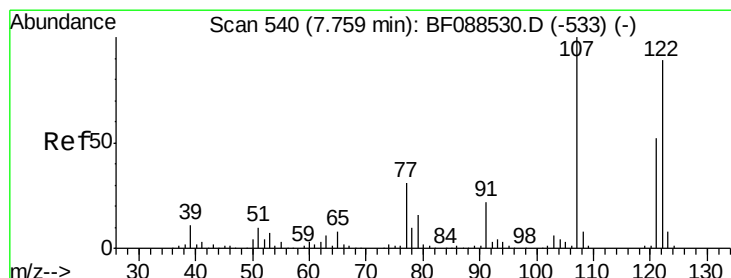
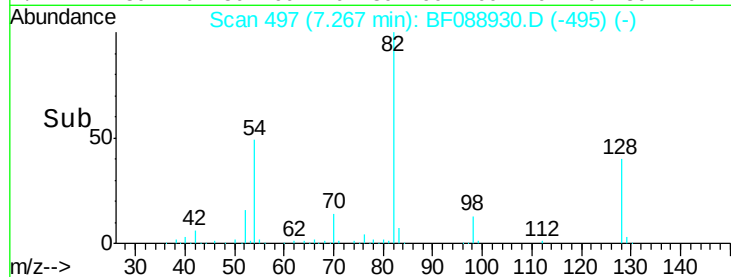
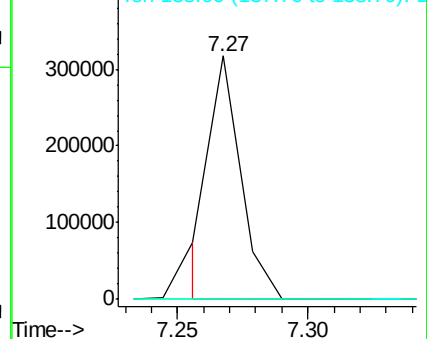
82 100

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): E



#27

2,4-Dimethylphenol

Concen: 0.96 ng

RT: 7.71 min Scan# 536

Delta R.T. 0.05 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

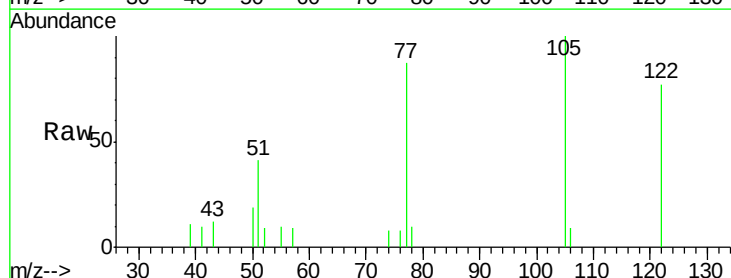
Tgt Ion: 122 Resp: 4062

Ion Ratio Lower Upper

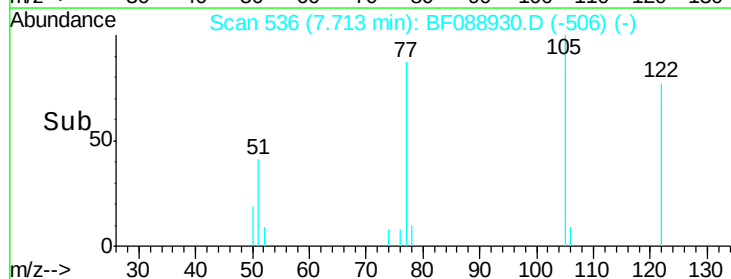
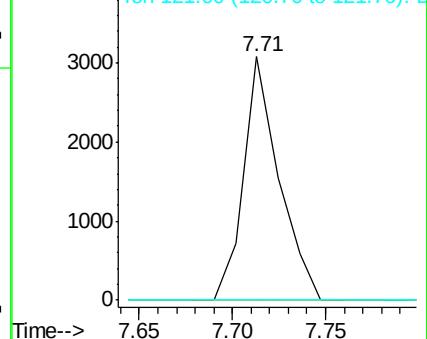
122 100

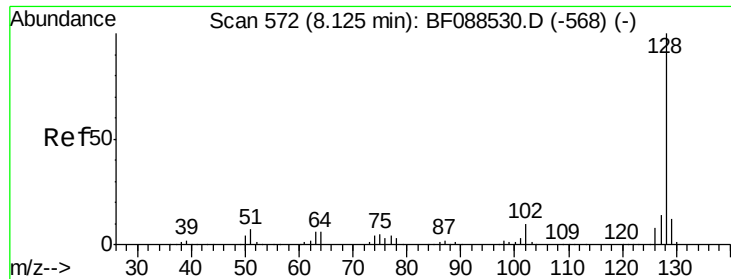
107 0.0 82.4 123.6#

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

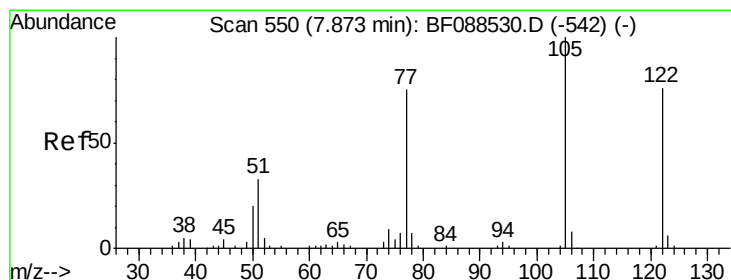
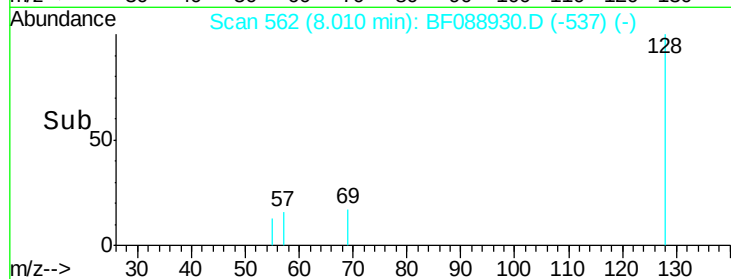
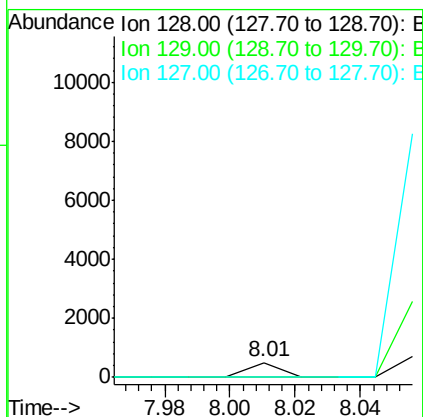
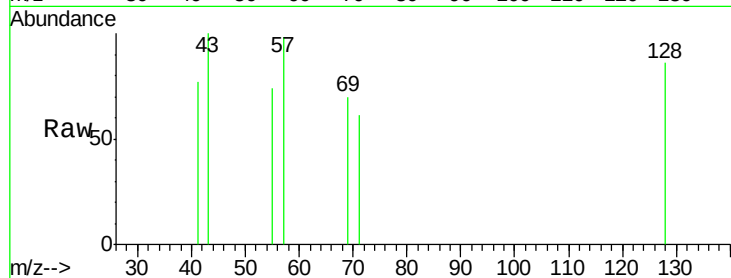




#31
Naphthalene
Concen: 0.03 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF088930.D
Acq: 12 Jul 2016 20:29

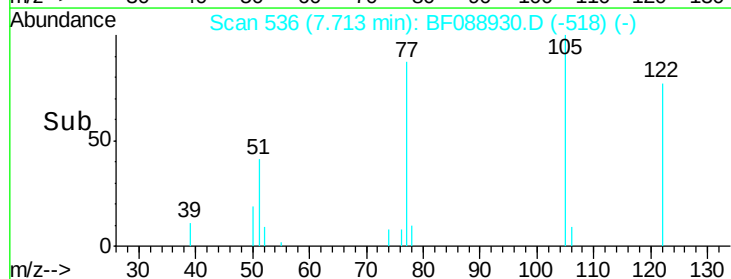
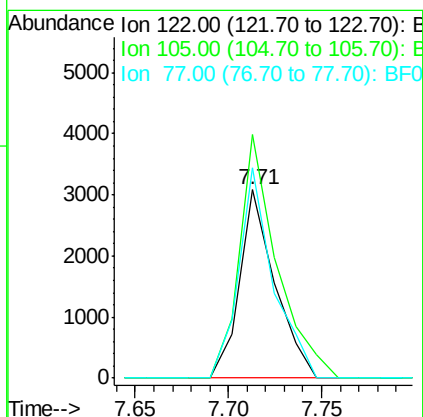
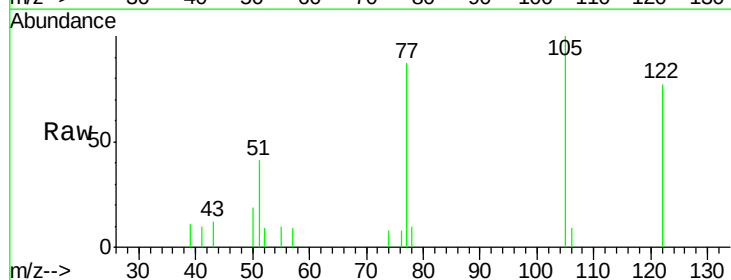
Instrument :
BNA_F
ClientSampled :
SS-14

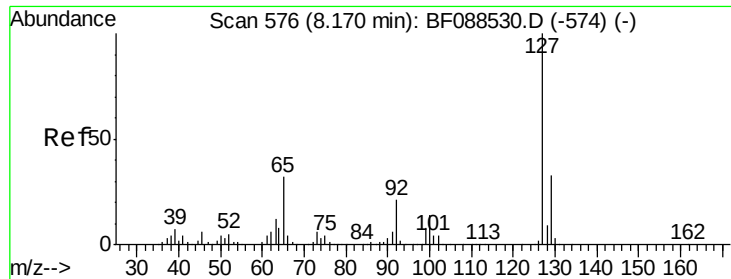
Tgt Ion:128 Resp: 338
Ion Ratio Lower Upper
128 100
129 0.0 9.4 14.2#
127 0.0 10.9 16.3#



#32
Benzoic acid
Concen: 1.32 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.09 min
Lab File: BF088930.D
Acq: 12 Jul 2016 20:29

Tgt Ion:122 Resp: 4062
Ion Ratio Lower Upper
122 100
105 129.5 101.6 141.6
77 112.0 70.6 110.6#

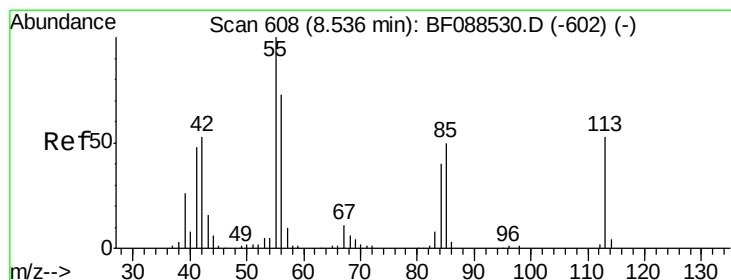
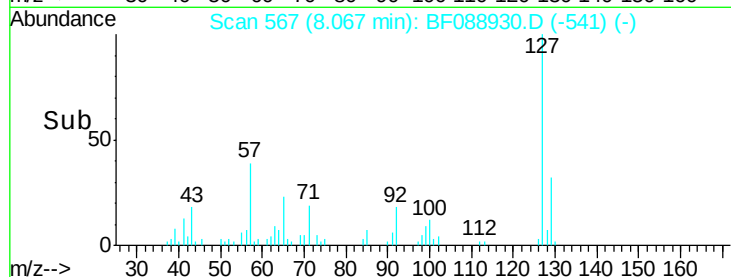
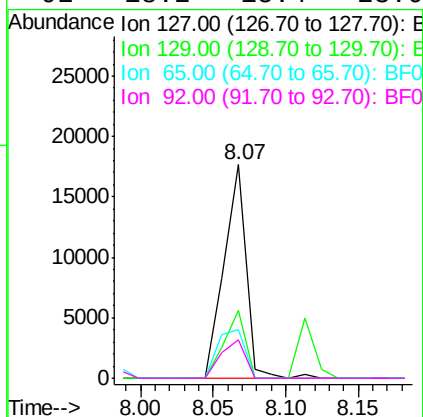
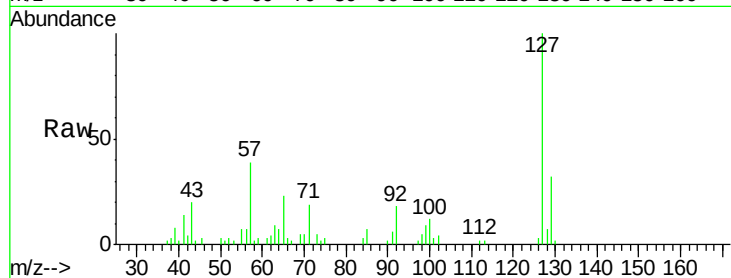




#33
4-Chloroaniline
Concen: 3.32 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF088930.D
Acq: 12 Jul 2016 20:29

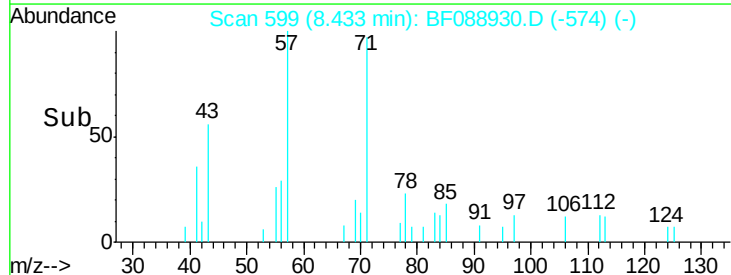
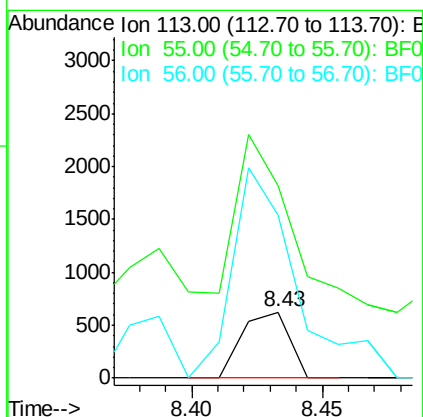
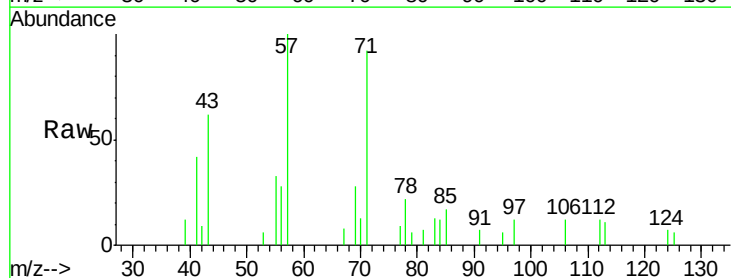
Instrument :
BNA_F
ClientSampleId :
SS-14

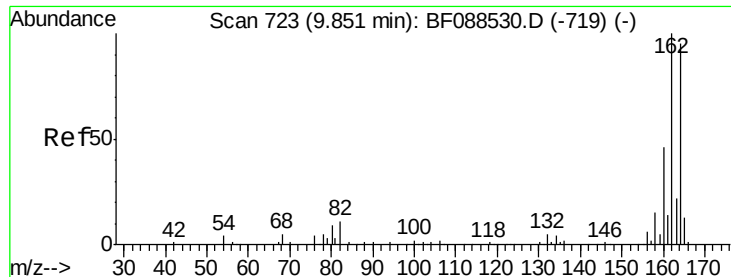
Tgt Ion:	127	Resp:	18727
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.3	39.5
65	23.0	24.7	37.1#
92	18.2	15.4	23.0



#35
Caprolactam
Concen: 0.69 ng
RT: 8.43 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF088930.D
Acq: 12 Jul 2016 20:29

Tgt Ion:	113	Resp:	799
Ion	Ratio	Lower	Upper
113	100		
55	289.6	158.6	198.6#
56	246.6	110.6	150.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SS-14

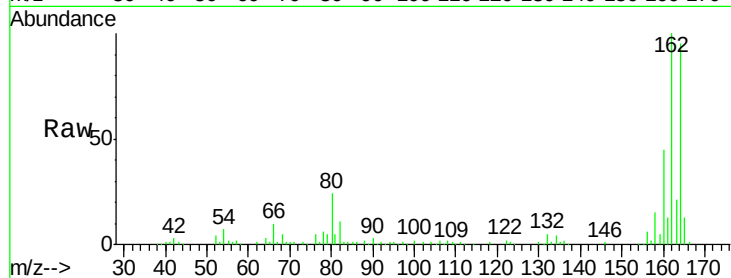
Tgt Ion:164 Resp: 102424

Ion Ratio Lower Upper

164 100

162 104.8 85.4 128.2

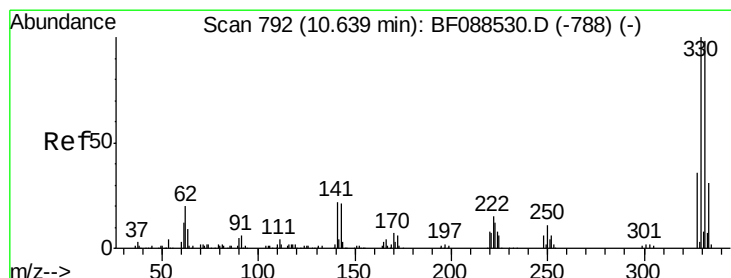
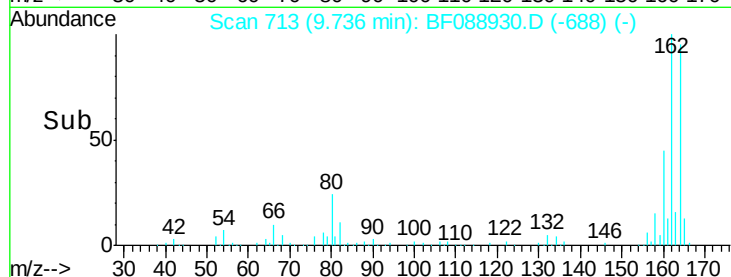
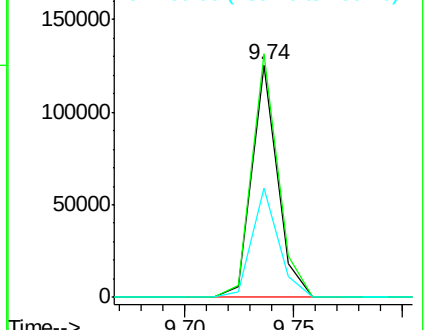
160 47.1 39.5 59.3



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: 100.19 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

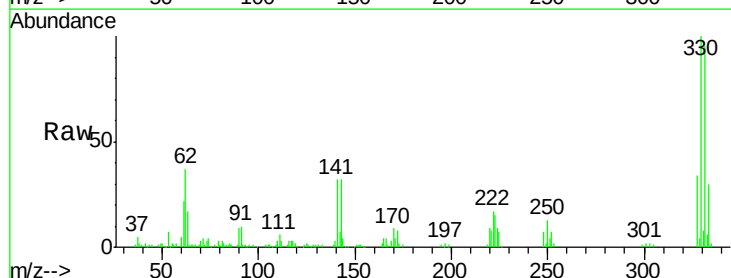
Tgt Ion:330 Resp: 95292

Ion Ratio Lower Upper

330 100

332 95.9 0.0 0.0#

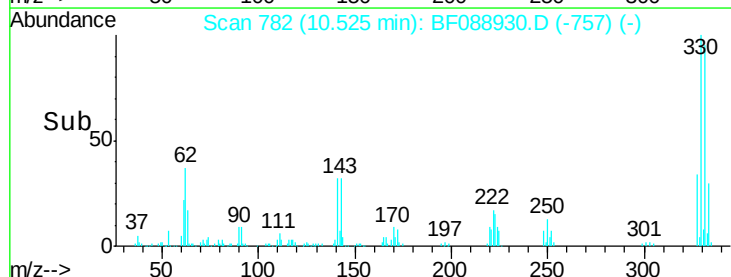
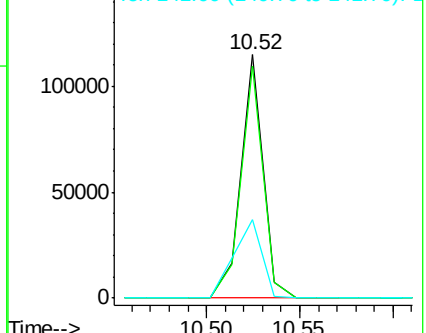
141 41.2 0.0 0.0#

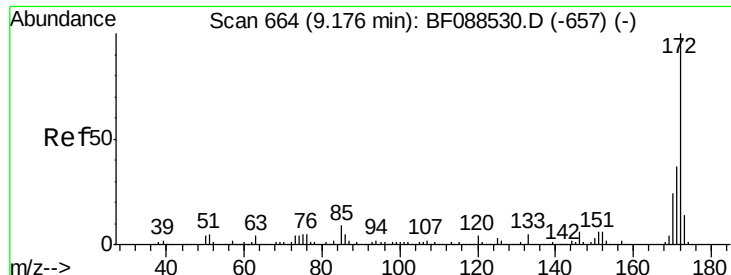


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

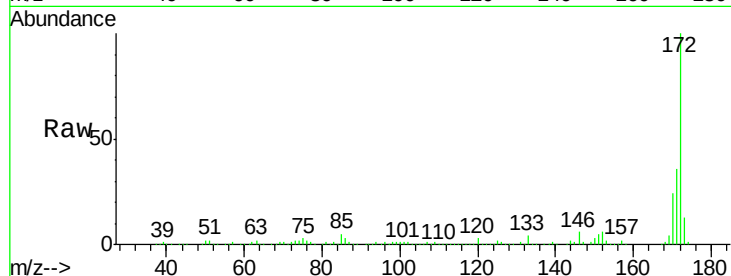




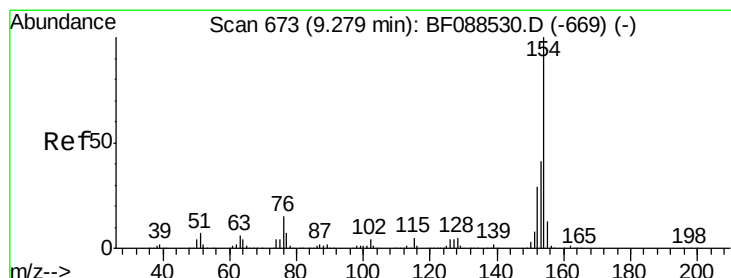
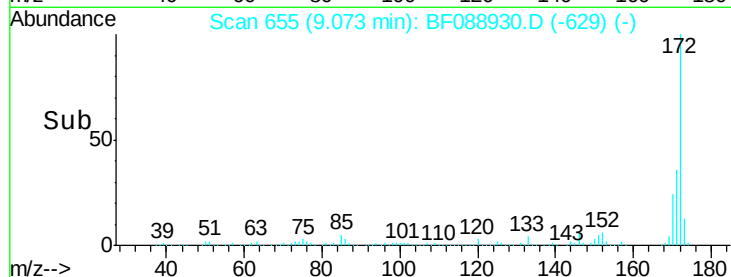
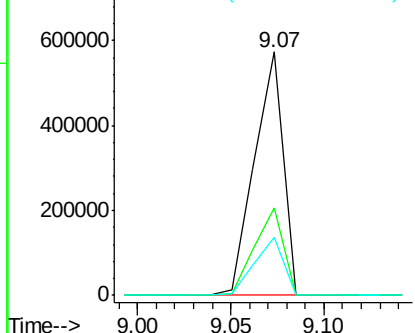
#44
2-Fluorobiphenyl
Concen: 93.60 ng
RT: 9.07 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF088930.D
Acq: 12 Jul 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SS-14

Tgt Ion:172 Resp: 606924
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.7 19.2 28.8

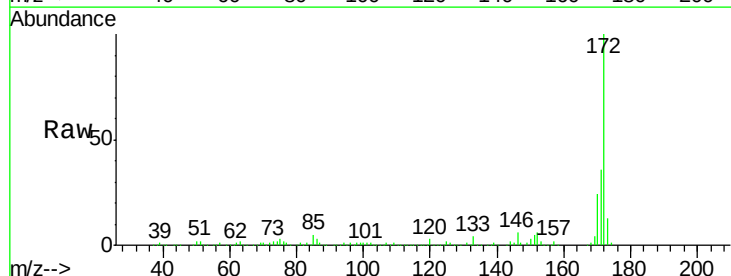


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

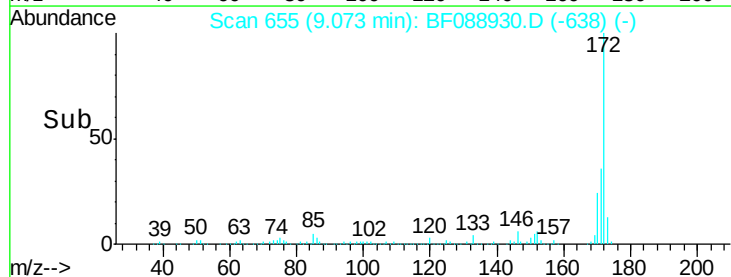
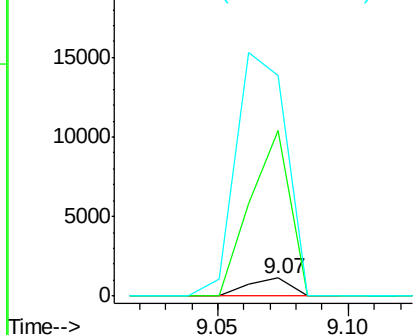


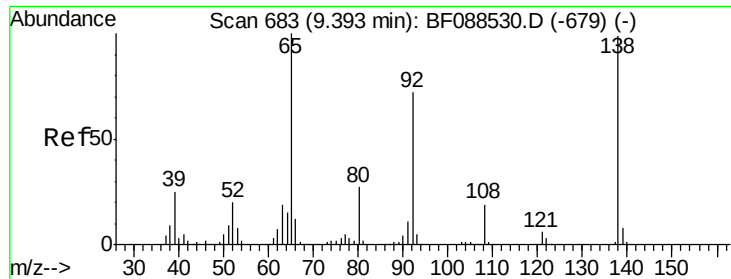
#45
1,1'-Biphenyl
Concen: 0.16 ng
RT: 9.07 min Scan# 655
Delta R.T. -0.10 min
Lab File: BF088930.D
Acq: 12 Jul 2016 20:29

Tgt Ion:154 Resp: 1319
Ion Ratio Lower Upper
154 100
153 909.5 20.6 60.6#
76 1209.2 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: 0.32 ng

RT: 9.20 min Scan# 666

Delta R.T. -0.09 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

Instrument :

BNA_F

ClientSampled :

SS-14

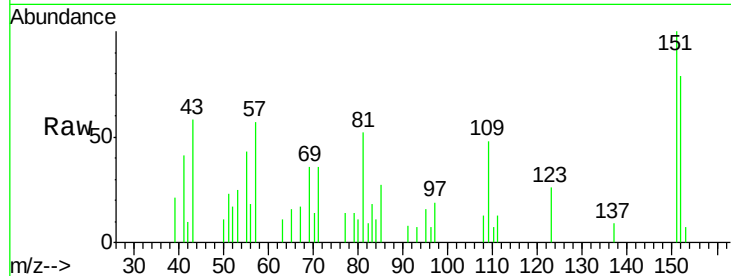
Tgt Ion: 65 Resp: 749

Ion Ratio Lower Upper

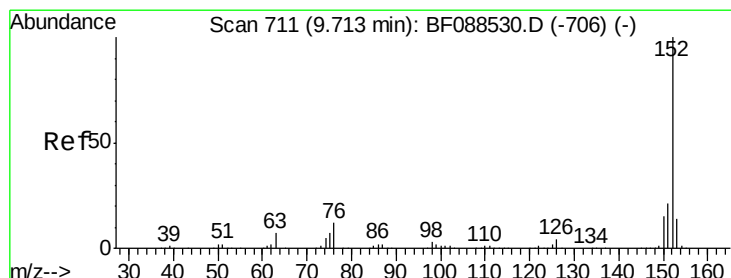
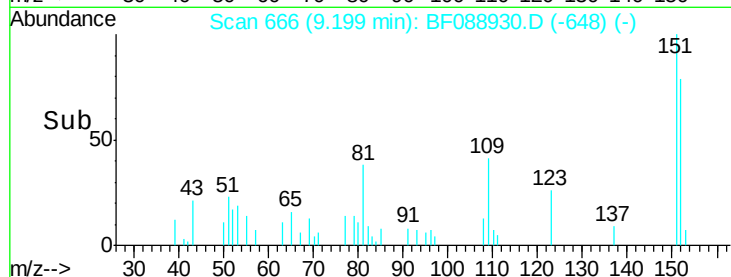
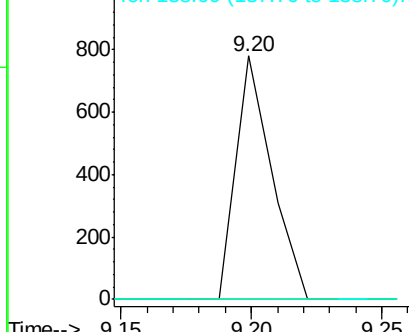
65 100

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: 0.06 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

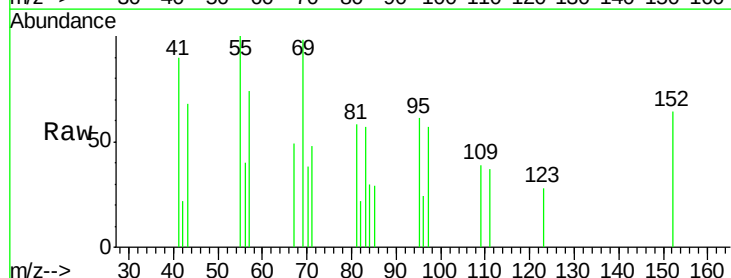
Tgt Ion: 152 Resp: 606

Ion Ratio Lower Upper

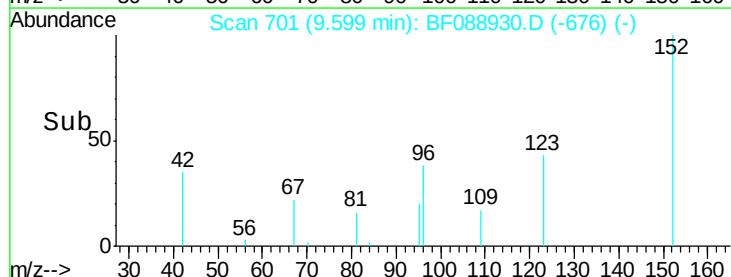
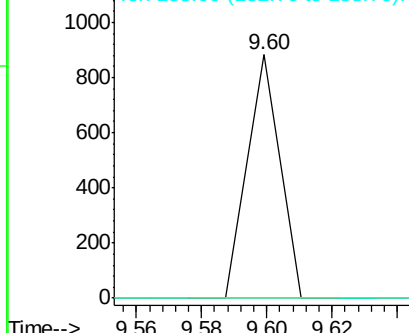
152 100

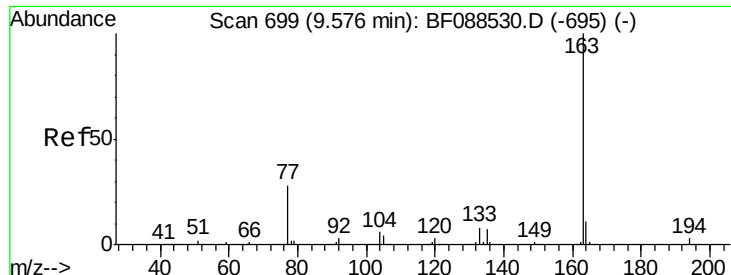
151 0.0 16.2 24.4#

153 0.0 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: 12.60 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SS-14

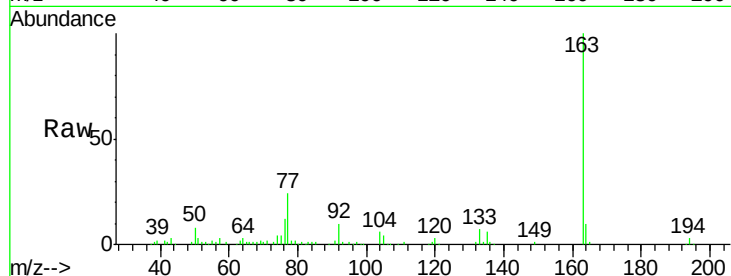
Tgt Ion:163 Resp: 91926

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

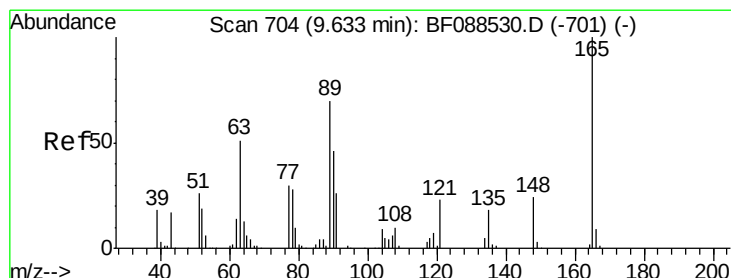
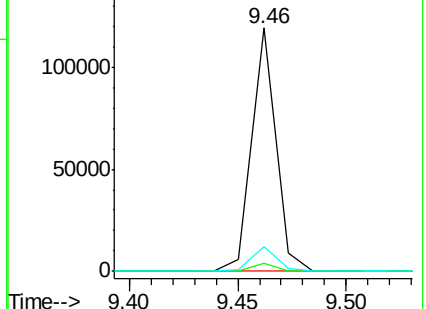
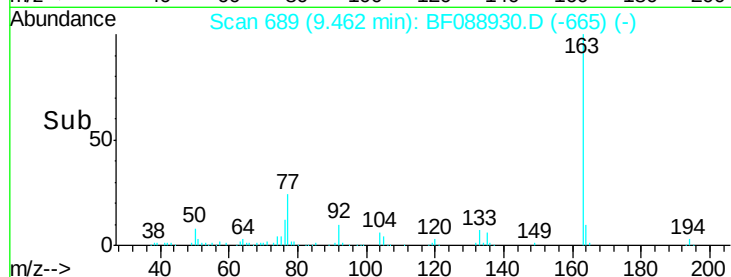
164 10.1 8.3 12.5



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: 0.55 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.08 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

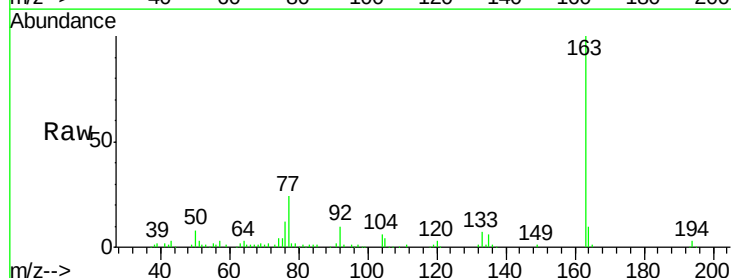
Tgt Ion:165 Resp: 889

Ion Ratio Lower Upper

165 100

63 181.7 28.1 42.1#

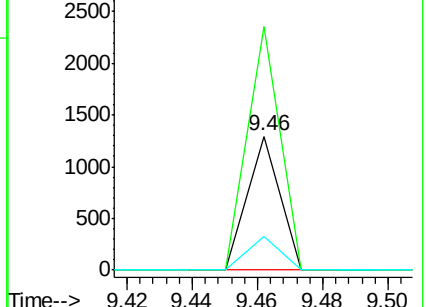
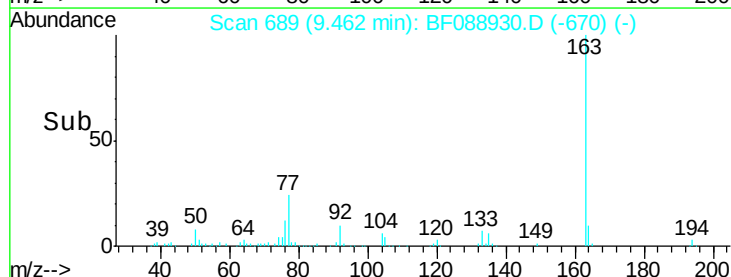
89 25.5 32.2 48.2#

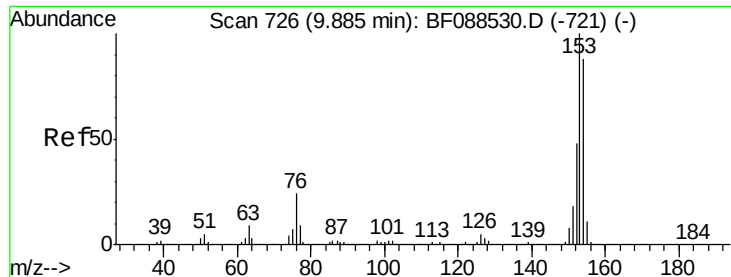


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.04 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SS-14

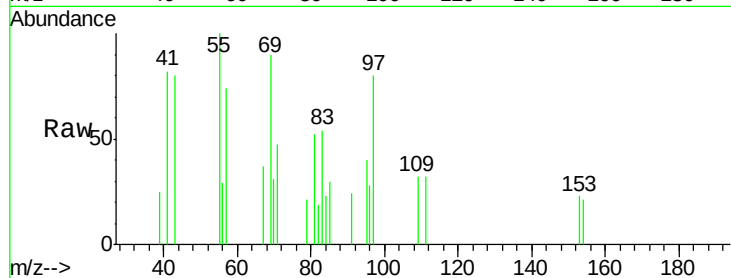
Tgt Ion:154 Resp: 230

Ion Ratio Lower Upper

154 100

153 112.8 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

9.77

300

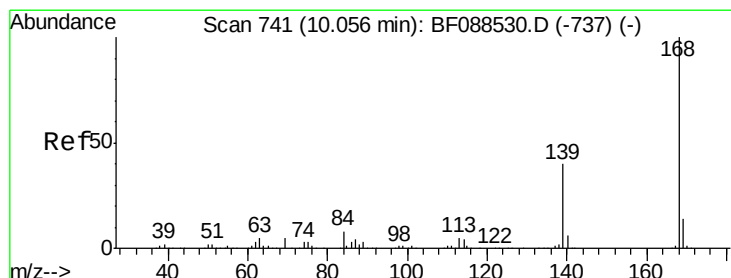
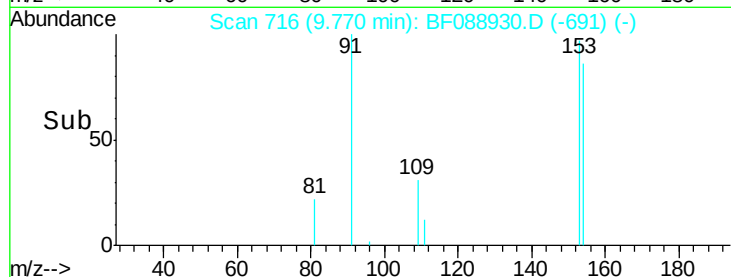
200

100

0

9.76 9.78 9.80

Time-->



#54

Dibenzofuran

Concen: 0.03 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

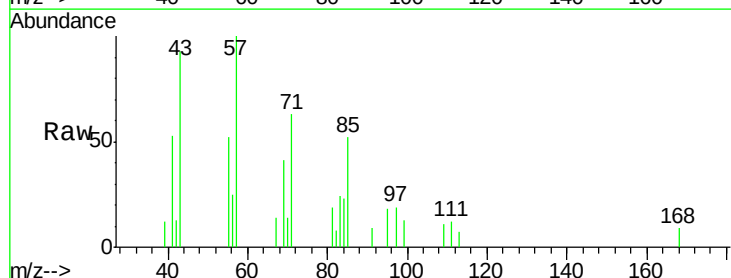
Tgt Ion:168 Resp: 252

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

9.94

300

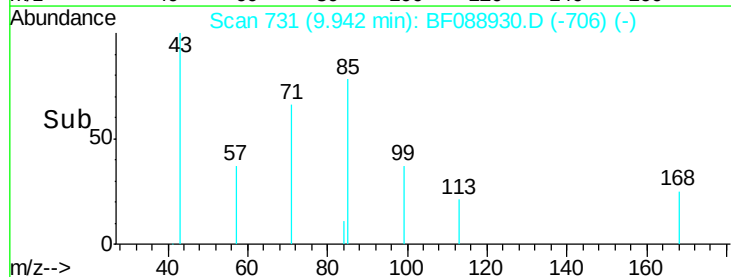
200

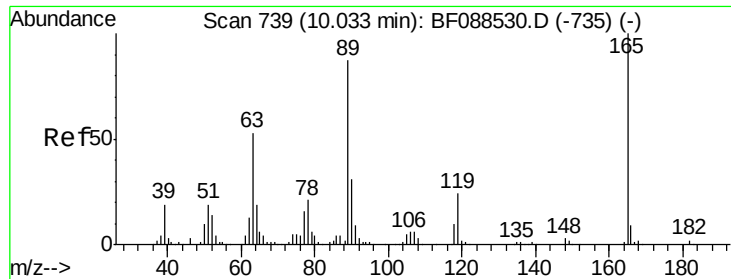
100

0

9.90 9.92 9.94 9.96 9.98

Time-->





#56

2,4-Dinitrotoluene

Concen: 6.54 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.21 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

Instrument :

BNA_F

ClientSampled :

SS-14

Tgt Ion:165 Resp: 13838

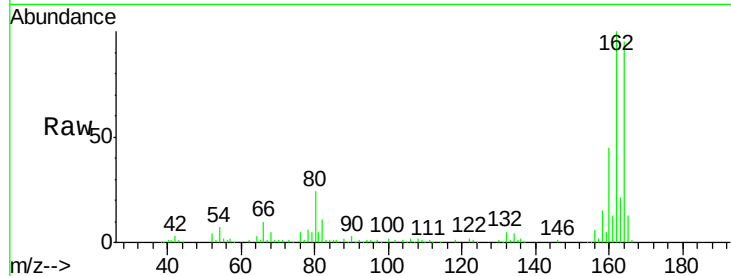
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 2.0 41.1 61.7#

182 0.0 2.0 3.0#

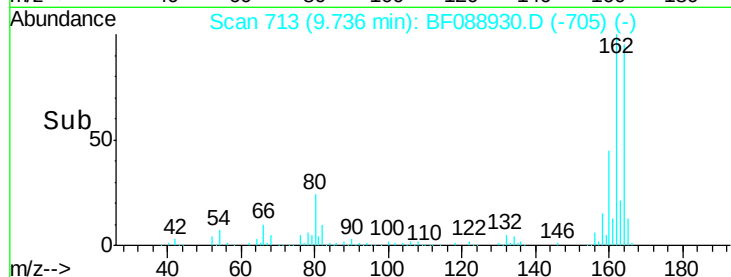


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

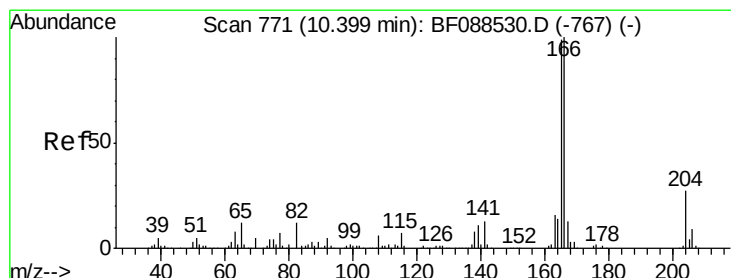
Ion 182.00 (181.70 to 182.70): E



Abundance

9.74

Time-->



#57

Fluorene

Concen: 0.05 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

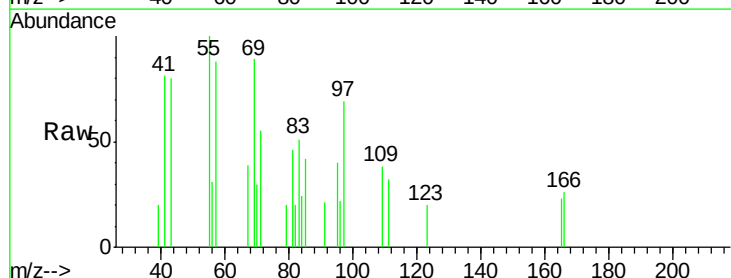
Tgt Ion:166 Resp: 307

Ion Ratio Lower Upper

166 100

165 88.6 77.8 116.8

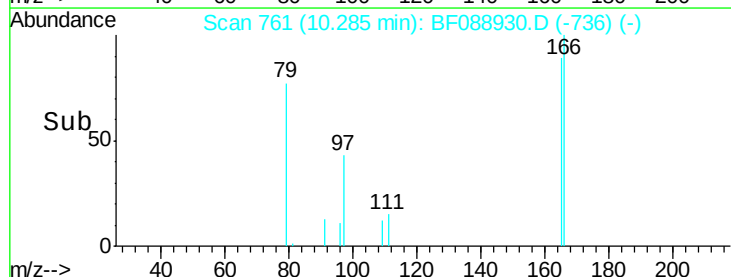
167 0.0 11.2 16.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

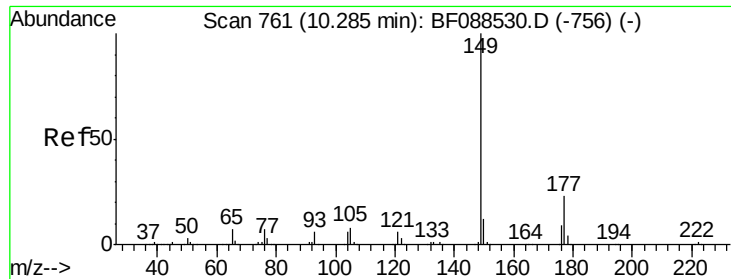
Ion 167.00 (166.70 to 167.70): E



Abundance

10.28

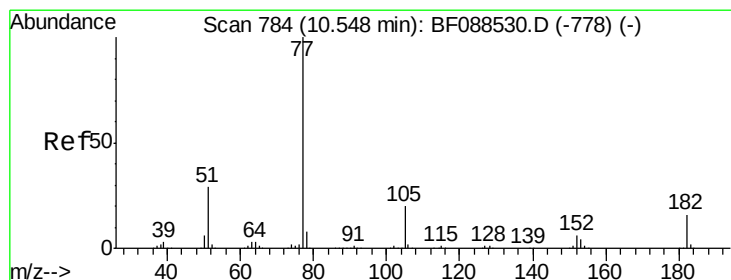
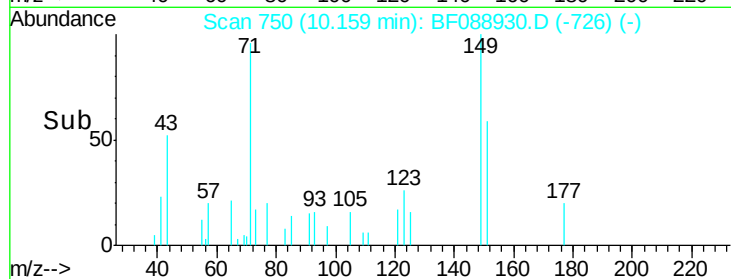
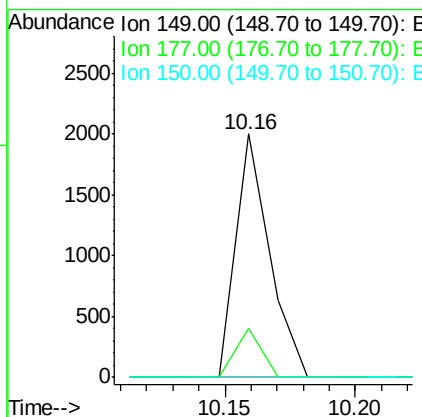
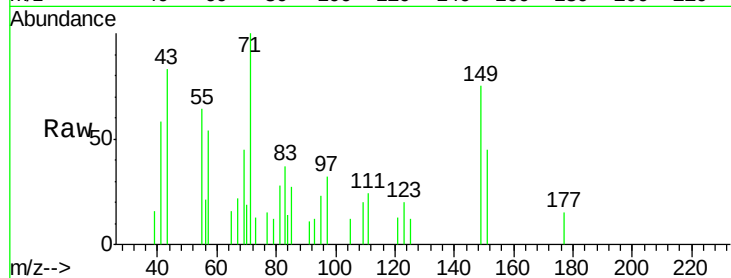
Time-->



#59
Diethylphthalate
Concen: 0.25 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF088930.D
Acq: 12 Jul 2016 20:29

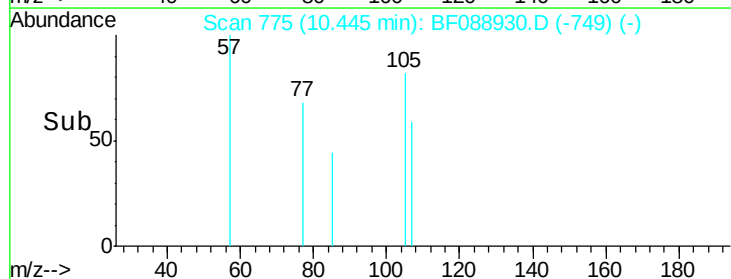
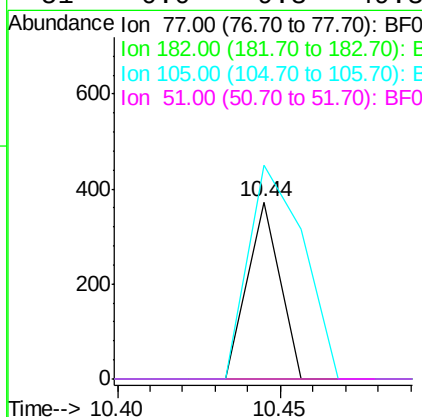
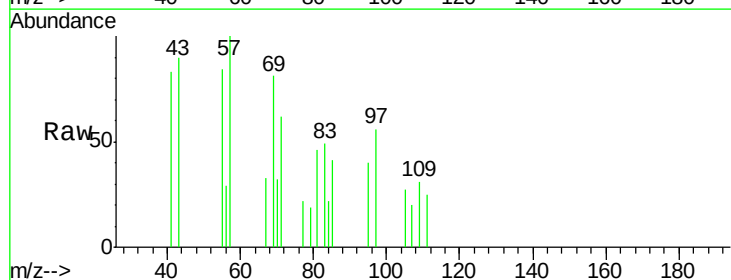
Instrument :
BNA_F
ClientSampleId :
SS-14

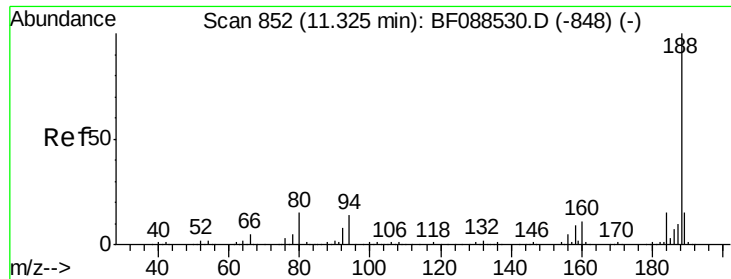
Tgt Ion: 149 Resp: 1808
Ion Ratio Lower Upper
149 100
177 20.3 16.9 25.3
150 0.0 10.1 15.1#



#62
Azobenzene
Concen: 0.03 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF088930.D
Acq: 12 Jul 2016 20:29

Tgt Ion: 77 Resp: 255
Ion Ratio Lower Upper
77 100
182 0.0 4.4 44.4#
105 121.0 3.8 43.8#
51 0.0 9.3 49.3#

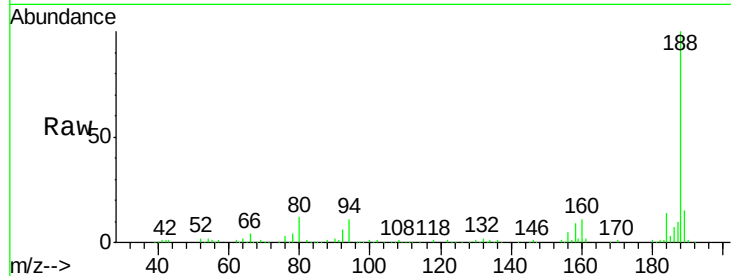




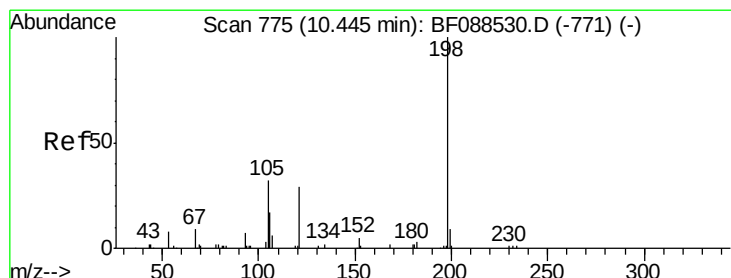
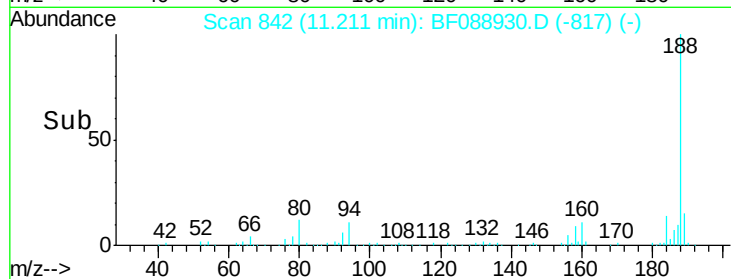
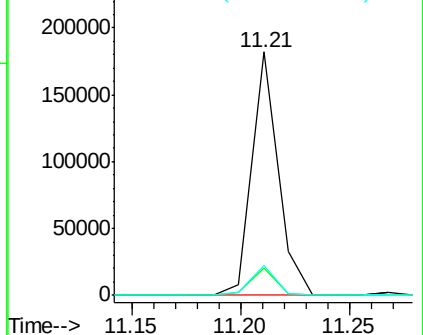
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF088930.D
 Acq: 12 Jul 2016 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SS-14

Tgt Ion:188 Resp: 152761
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.0 13.6
 80 12.4 10.0 15.0

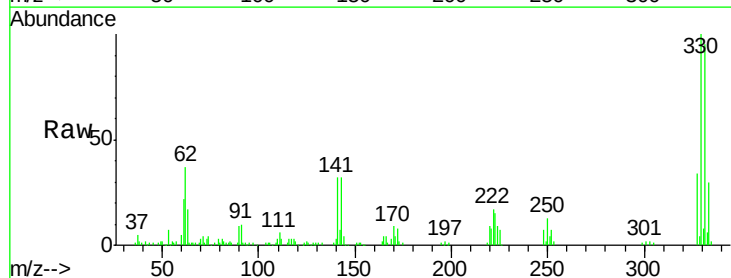


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

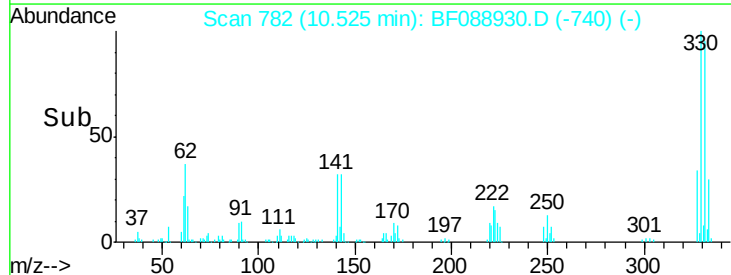
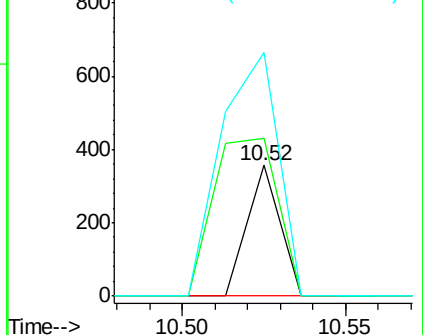


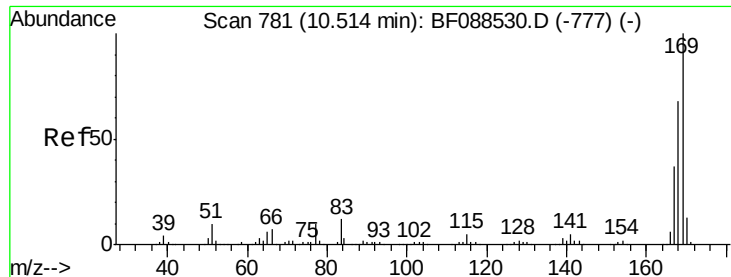
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.30 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.18 min
 Lab File: BF088930.D
 Acq: 12 Jul 2016 20:29

Tgt Ion:198 Resp: 245
 Ion Ratio Lower Upper
 198 100
 51 121.0 39.6 79.6#
 105 186.0 36.6 76.6#



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





#65

n-Nitrosodiphenylamine

Concen: 0.05 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SS-14

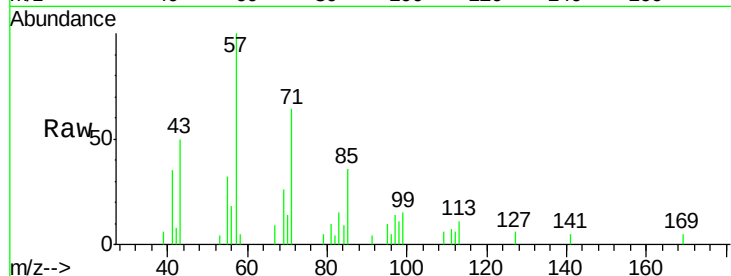
Tgt Ion:169 Resp: 266

Ion Ratio Lower Upper

169 100

168 0.0 53.4 80.0#

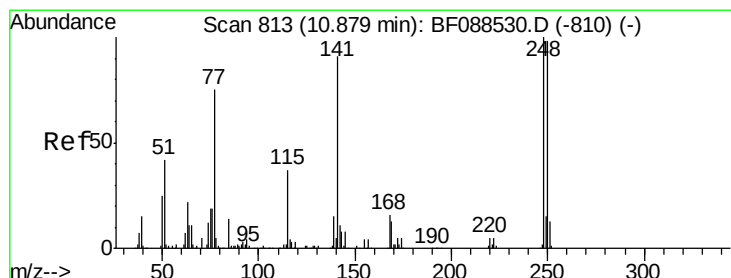
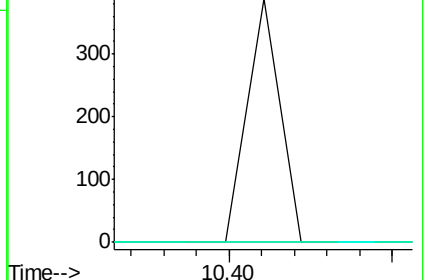
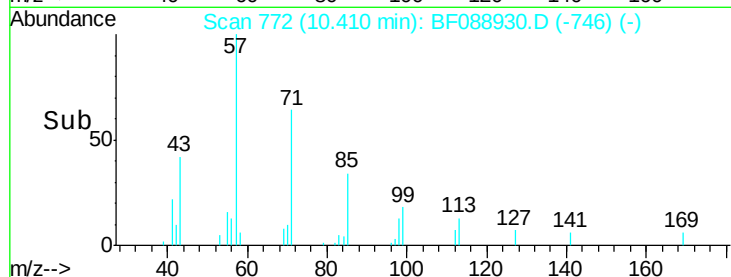
167 0.0 29.4 44.0#



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: 4.42 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.25 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

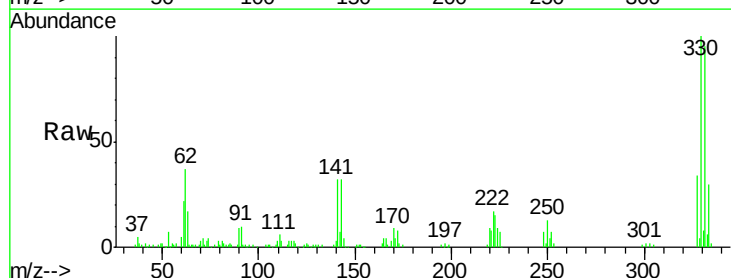
Tgt Ion:248 Resp: 6811

Ion Ratio Lower Upper

248 100

250 191.7 77.1 115.7#

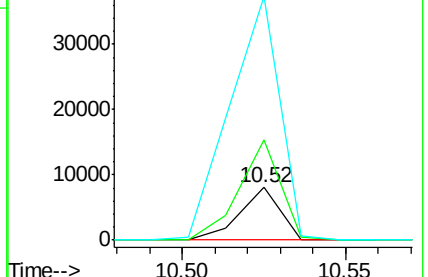
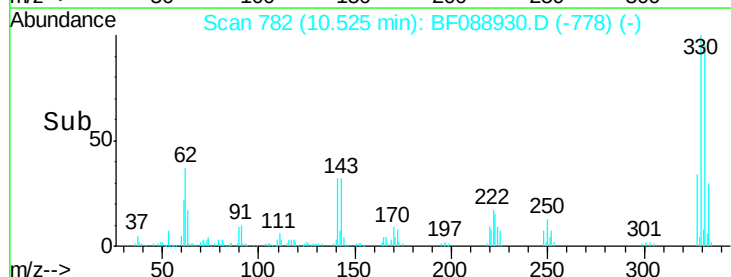
141 465.1 50.6 76.0#

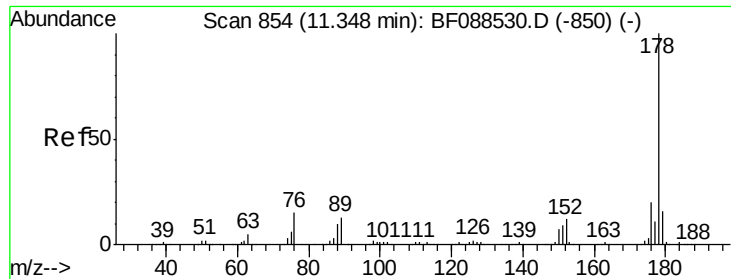


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

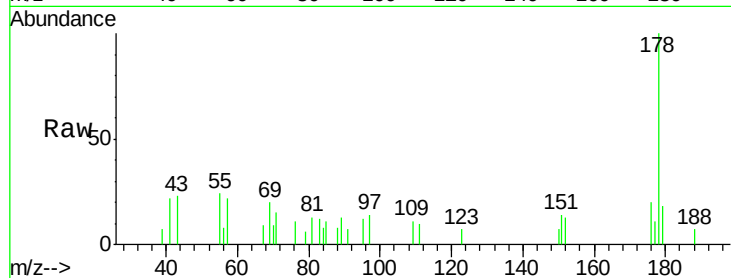




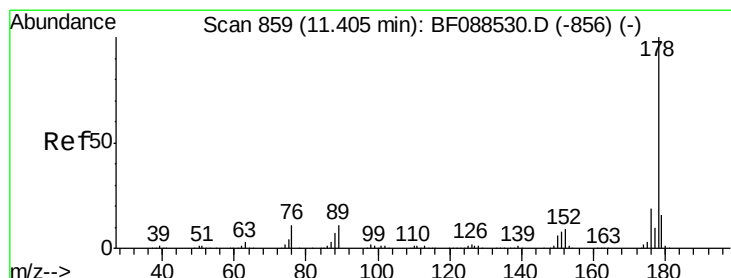
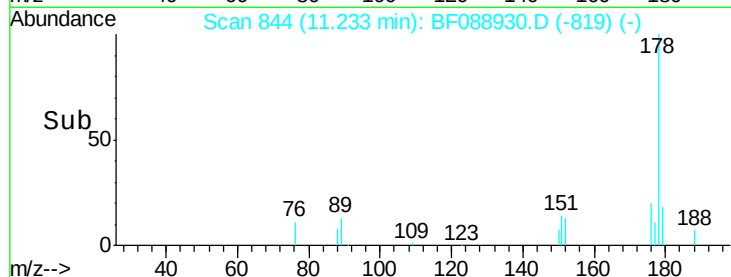
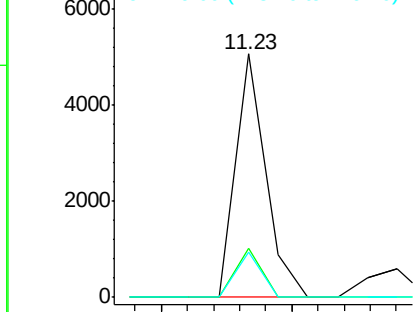
#70
 Phenanthrene
 Concen: 0.49 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF088930.D
 Acq: 12 Jul 2016 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SS-14

Tgt Ion:178 Resp: 4081
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.6
 179 18.3 13.0 19.4

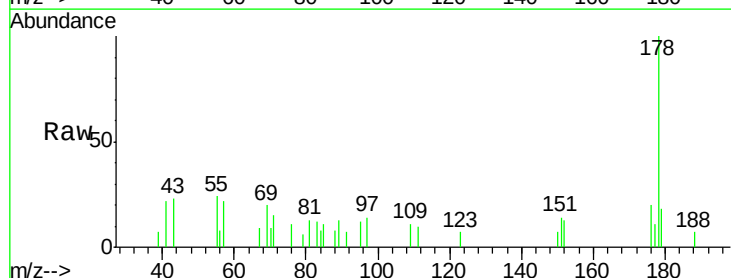


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

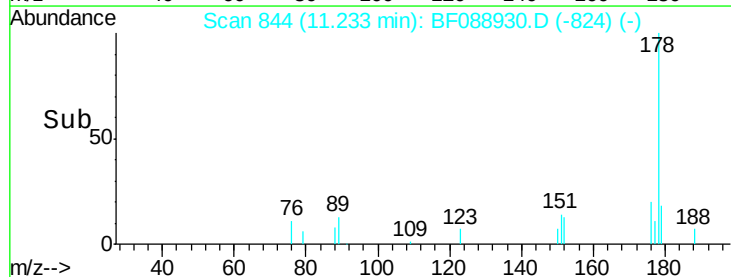
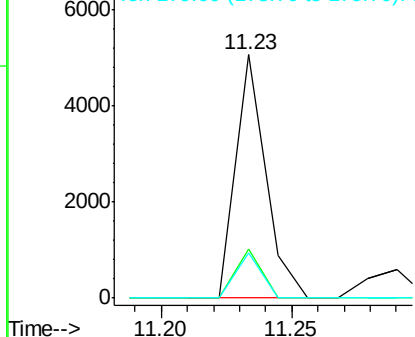


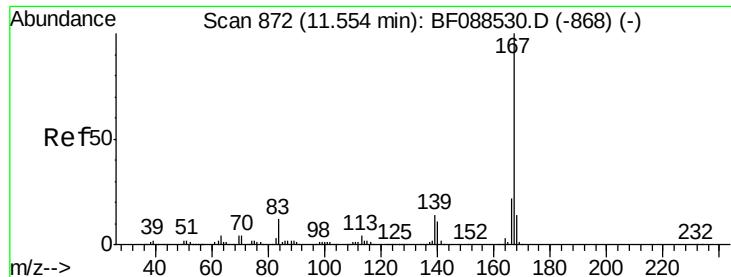
#71
 Anthracene
 Concen: 0.49 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.07 min
 Lab File: BF088930.D
 Acq: 12 Jul 2016 20:29

Tgt Ion:178 Resp: 4081
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.6 23.4
 179 18.3 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

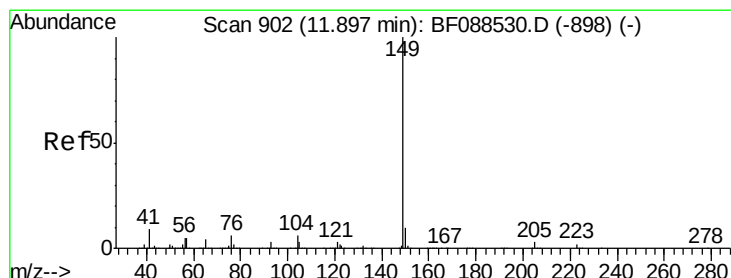
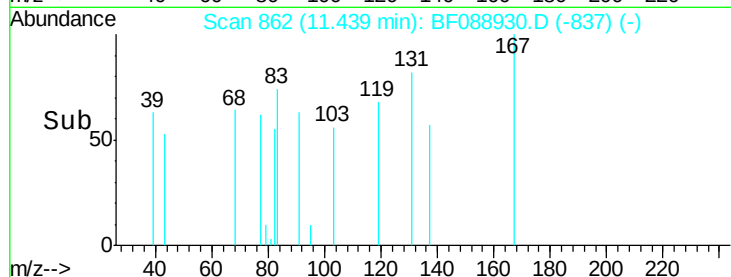
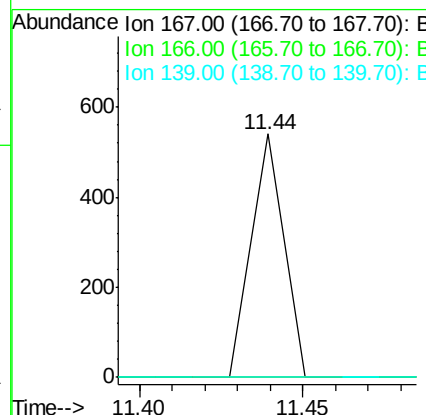
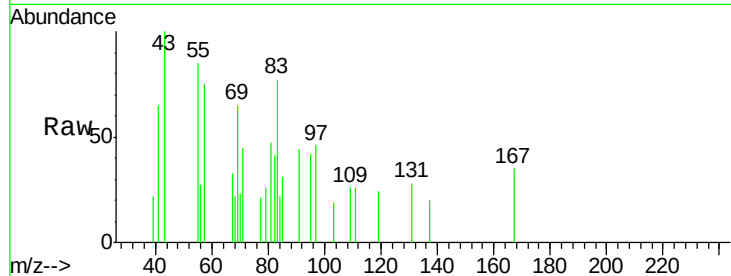




#72
 Carbazole
 Concen: 0.05 ng
 RT: 11.44 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BF088930.D
 Acq: 12 Jul 2016 20:29

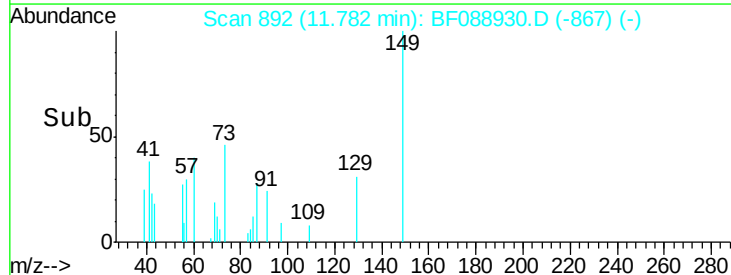
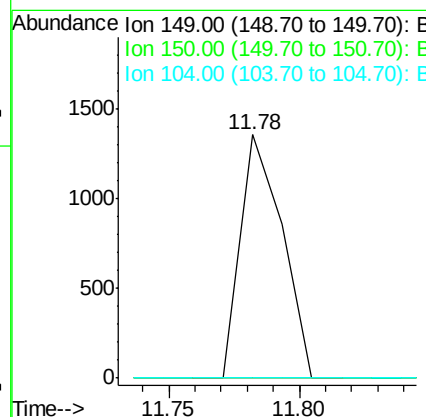
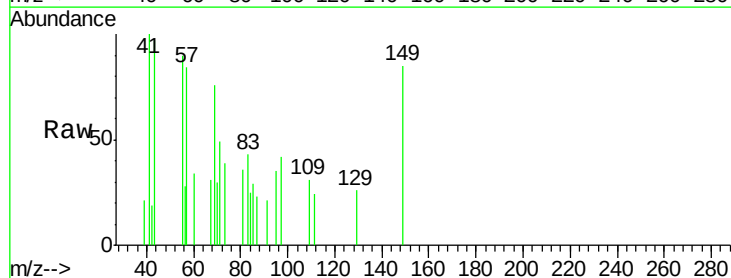
Instrument :
 BNA_F
 ClientSampleId :
 SS-14

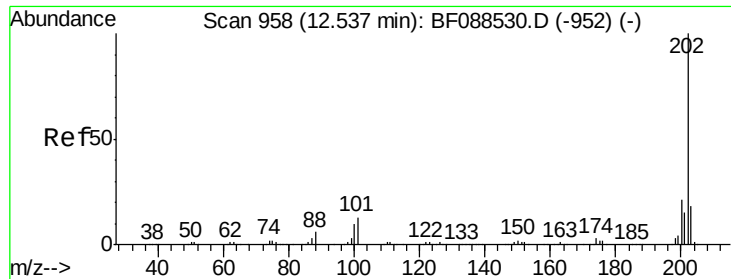
Tgt Ion:167 Resp: 371
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.8 26.6#
 139 0.0 11.2 16.8#



#73
 Di-n-butylphthalate
 Concen: 0.17 ng
 RT: 11.78 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF088930.D
 Acq: 12 Jul 2016 20:29

Tgt Ion:149 Resp: 1518
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.8 11.6#
 104 0.0 4.0 6.0#

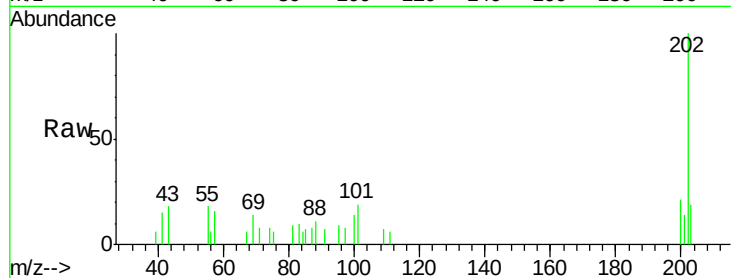




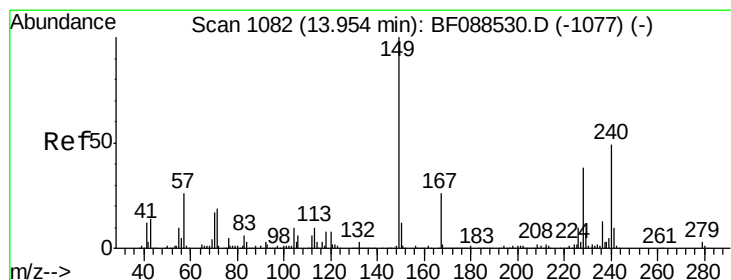
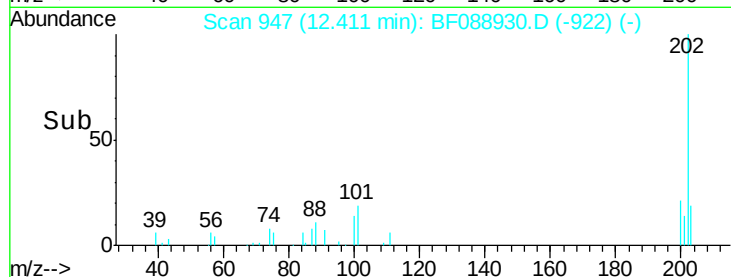
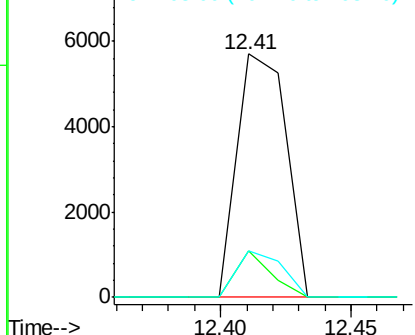
#74
Fluoranthene
Concen: 0.89 ng
RT: 12.41 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF088930.D
Acq: 12 Jul 2016 20:29

Instrument :
BNA_F
ClientSampleId :
SS-14

Tgt Ion: 202 Resp: 7514
Ion Ratio Lower Upper
202 100
101 19.4 0.0 33.1
203 19.1 0.0 38.1

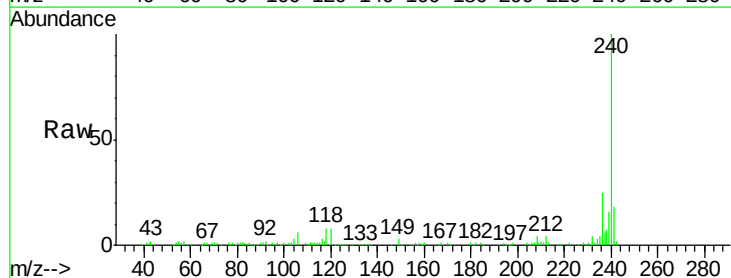


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

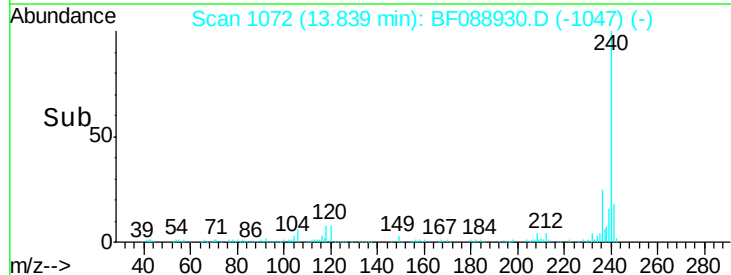
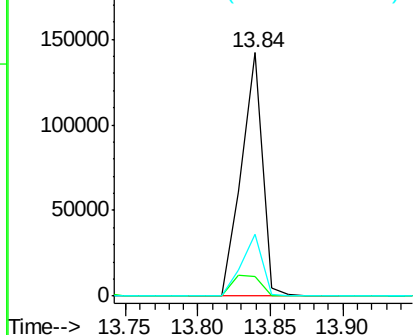


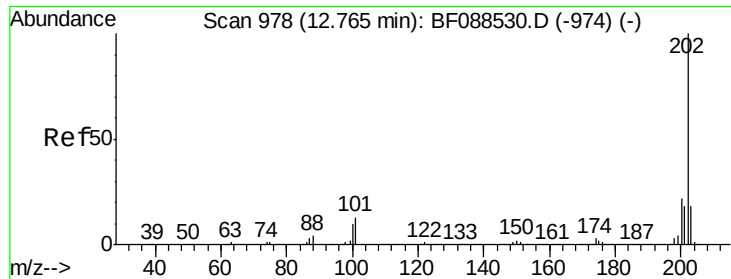
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088930.D
Acq: 12 Jul 2016 20:29

Tgt Ion: 240 Resp: 143338
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 25.2 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

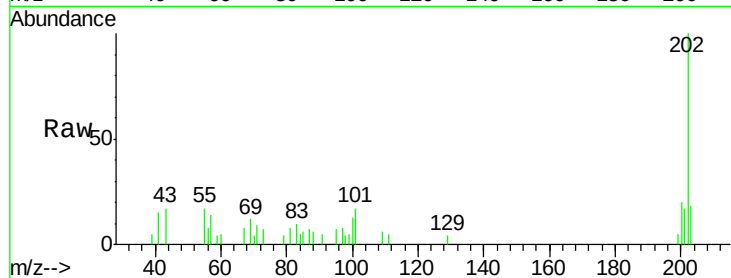




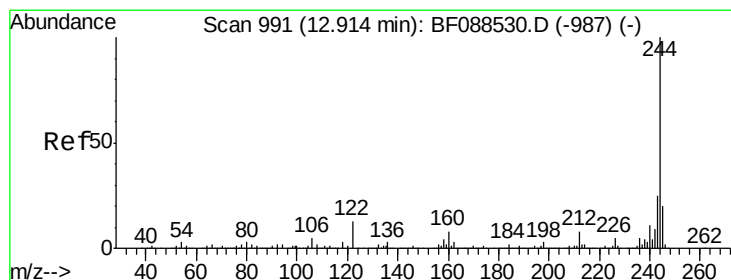
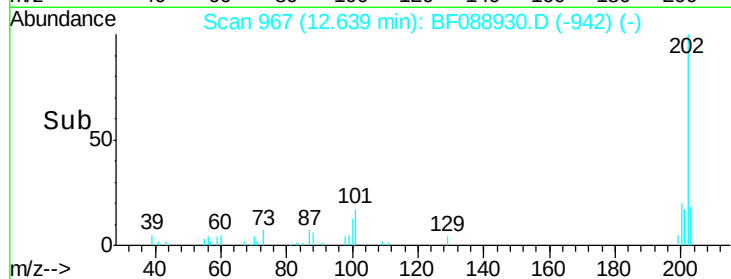
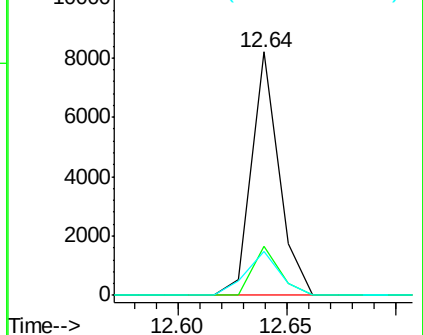
#77
Pyrene
 Concen: 0.59 ng
 RT: 12.64 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF088930.D
 Acq: 12 Jul 2016 20:29

Instrument :
 BNA_F
 ClientSampled :
 SS-14

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	18.3	14.5	21.7

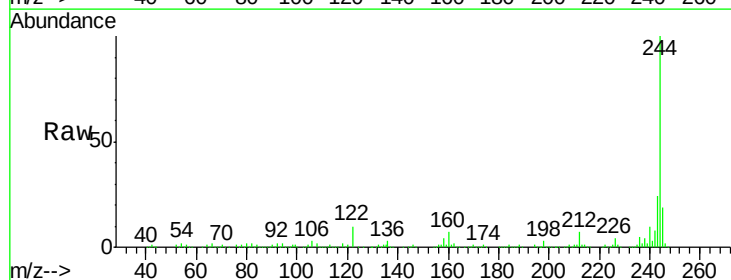


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

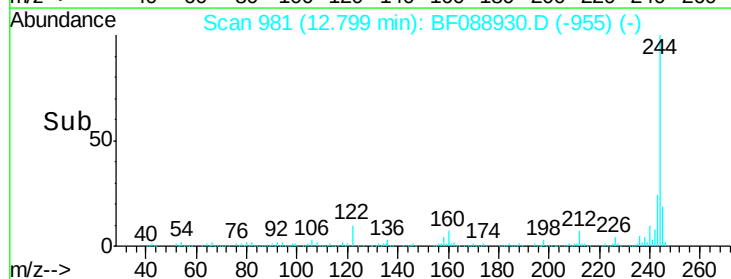
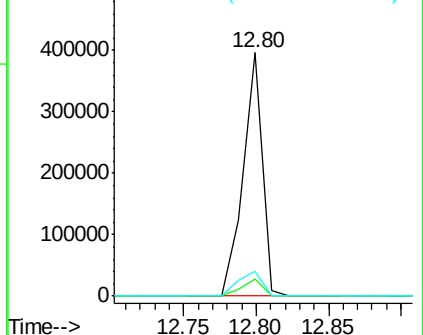


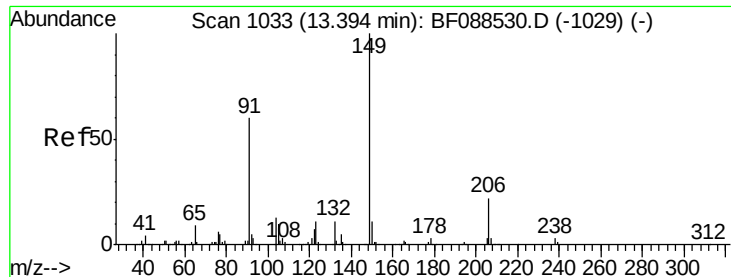
#78
Terphenyl-d14
 Concen: 56.63 ng
 RT: 12.80 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF088930.D
 Acq: 12 Jul 2016 20:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	9.9	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: 0.05 ng

RT: 13.27 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

Instrument :

BNA_F

ClientSampleId :

SS-14

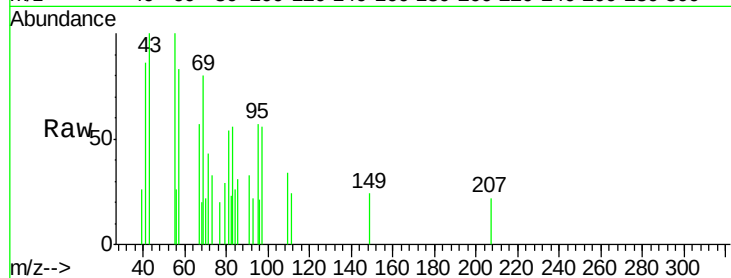
Tgt Ion:149 Resp: 249

Ion Ratio Lower Upper

149 100

91 134.2 48.0 72.0#

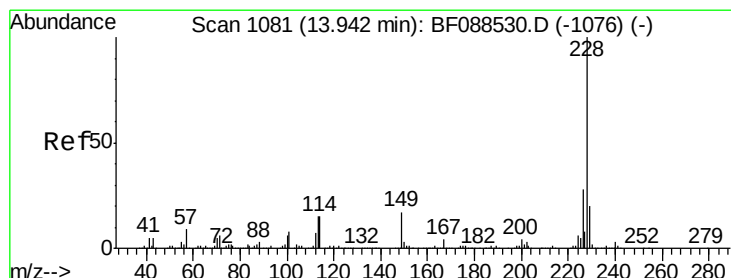
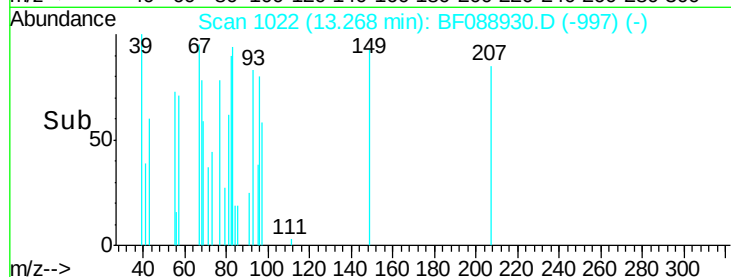
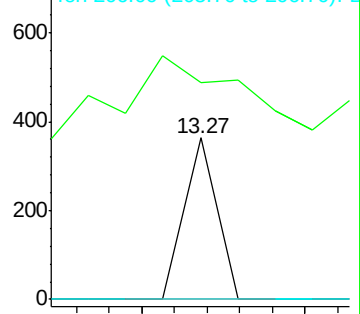
206 0.0 16.0 24.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 0.54 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF088930.D

Acq: 12 Jul 2016 20:29

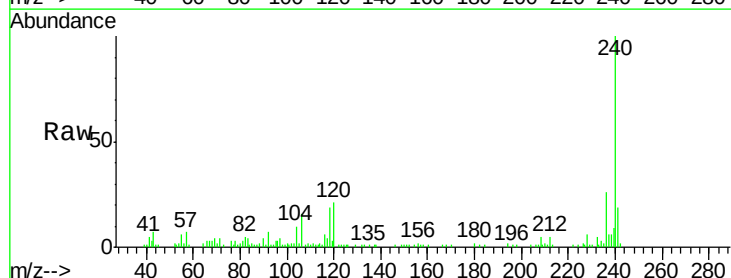
Tgt Ion:228 Resp: 4978

Ion Ratio Lower Upper

228 100

226 33.6 22.3 33.5#

229 24.1 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

