

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071316\
 Data File : BF088958.D
 Acq On : 13 Jul 2016 15:17
 Operator : UM/SJ
 Sample : H3935-27
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C3-01

Quant Time: Jul 13 17:07:55 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	6.70	152	64721	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	231167	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	105830	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	174808	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	116010	20.00	ng	-0.02
86) Perylene-d12	15.20	264	122726	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	435489	100.84	ng	0.00
7) Phenol-d6	6.34	99	621447	111.37	ng	-0.01
23) Nitrobenzene-d5	7.27	82	433080	98.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	131464	133.77	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	635991	94.93	ng	-0.01
78) Terphenyl-d14	12.79	244	377063	72.39	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.30	88	212	0.10	ng	# 87
4) n-Nitrosodimethylamine	2.83	42	1249	0.53	ng	# 1
6) Aniline	6.47	93	813	0.10	ng	# 1
9) Benzaldehyde	6.34	77	913	0.24	ng	# 1
10) Phenol	6.35	94	6607	1.04	ng	# 1
11) bis(2-Chloroethyl)ether	6.47	93	813	0.17	ng	# 1
15) Benzyl Alcohol	6.84	79	7119	1.73	ng	# 53
17) 2-Methylphenol	6.84	107	288	0.08	ng	# 1
22) Acetophenone	7.10	105	658	0.12	ng	# 41
24) Nitrobenzene	7.27	77	1164	0.26	ng	# 31
31) Naphthalene	8.00	128	3138	0.28	ng	# 97
33) 4-Chloroaniline	8.00	127	401	0.08	ng	# 40
35) Caprolactam	8.42	113	221	0.21	ng	# 73
37) 2-Methylnaphthalene	8.70	142	3754	0.51	ng	# 97
45) 1,1'-Biphenyl	9.15	154	568	0.06	ng	# 89
47) 2-Nitroaniline	9.45	65	1062	0.43	ng	# 1
48) Acenaphthylene	9.59	152	763	0.07	ng	# 60
49) Dimethylphthalate	9.45	163	100726	13.36	ng	# 99
50) 2,6-Dinitrotoluene	9.45	165	1032	0.62	ng	# 1
51) Acenaphthene	9.72	154	483	0.07	ng	# 5
54) Dibenzofuran	9.93	168	1785	0.20	ng	# 83
55) 4-Nitrophenol	9.93	139	609	0.38	ng	# 5
57) Fluorene	10.51	166	5389	0.80	ng	# 90
59) Diethylphthalate	10.16	149	316	0.04	ng	# 60
62) Azobenzene	10.51	77	926	0.11	ng	# 1
65) n-Nitrosodiphenylamine	10.40	169	708	0.12	ng	# 24
70) Phenanthrene	11.22	178	6209	0.65	ng	# 98
71) Anthracene	11.22	178	6209	0.65	ng	# 98
72) Carbazole	11.44	167	730	0.08	ng	# 58
73) Di-n-butylphthalate	11.78	149	1531	0.15	ng	# 77
74) Fluoranthene	12.41	202	3966	0.41	ng	# 93
77) Pyrene	12.64	202	3616	0.37	ng	# 92
79) Butylbenzylphthalate	13.27	149	233	0.05	ng	# 5
80) Benzo(a)anthracene	13.85	228	5951	0.80	ng	# 91

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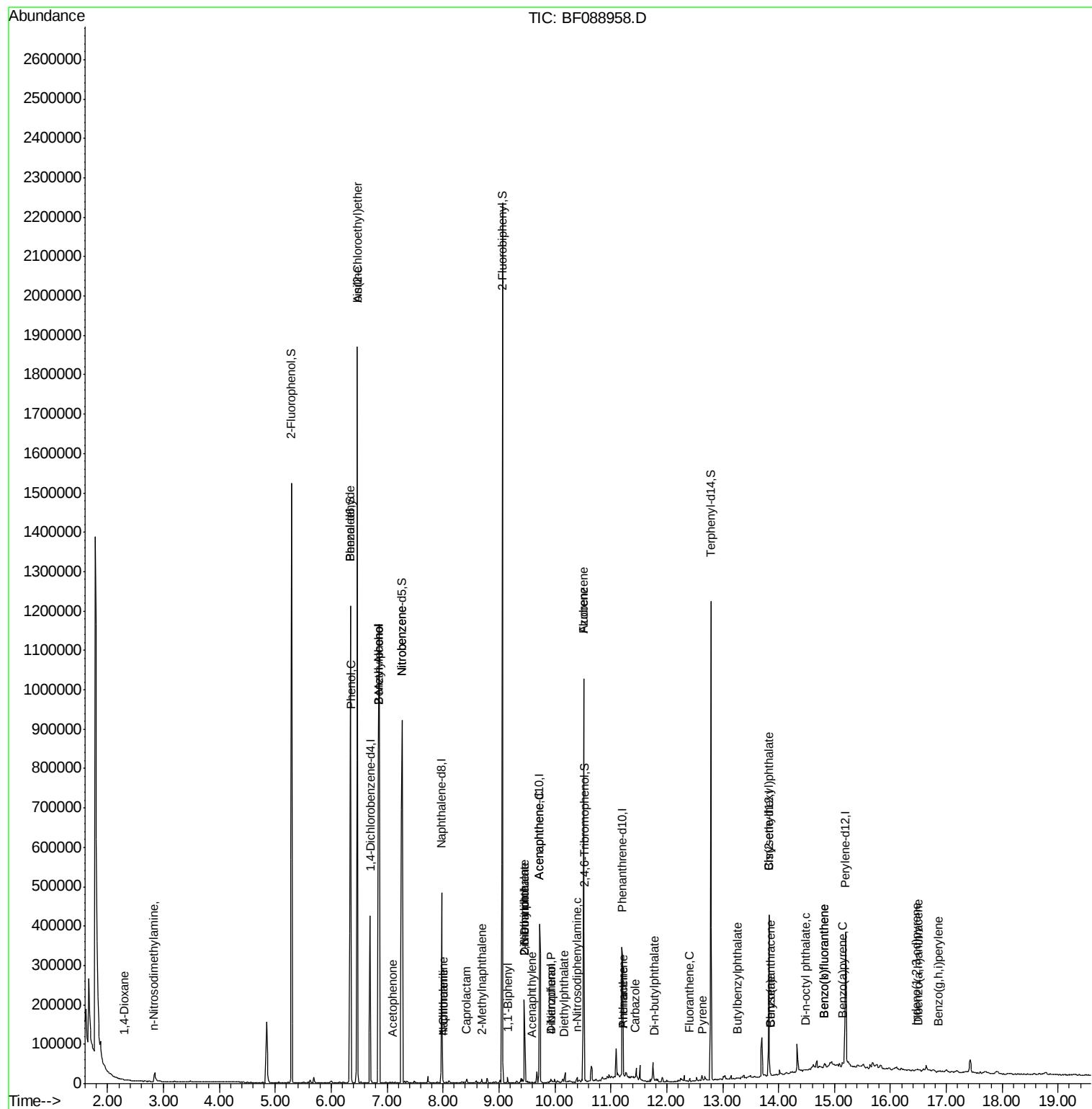
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Chrysene	13.85	228	5951	0.81	nq	# 91
83) Bis(2-ethylhexyl)phthalate	13.83	149	4158	0.83	nq	# 86
84) Di-n-octyl phthalate	14.48	149	585	0.07	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.47	276	2165	0.38	nq	# 100
87) Benzo(b)fluoranthene	14.82	252	4741	0.62	nq	# 84
88) Benzo(k)fluoranthene	14.82	252	4741	0.71	nq	# 89
89) Benzo(a)pyrene	15.14	252	2185	0.34	nq	# 74
90) Dibenzo(a,h)anthracene	16.49	278	463	0.09	nq	# 54
91) Benzo(g,h,i)perylene	16.86	276	2261	0.40	nq	# 79

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

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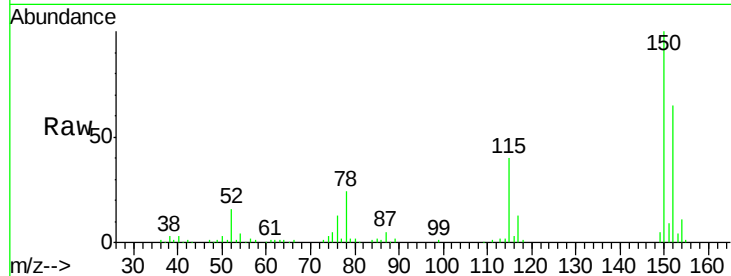


#1

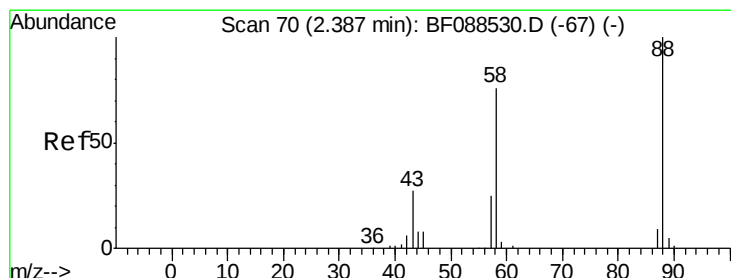
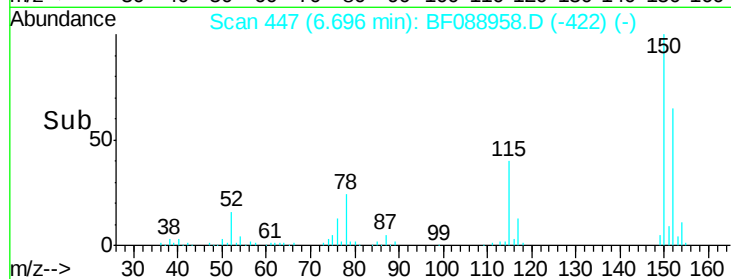
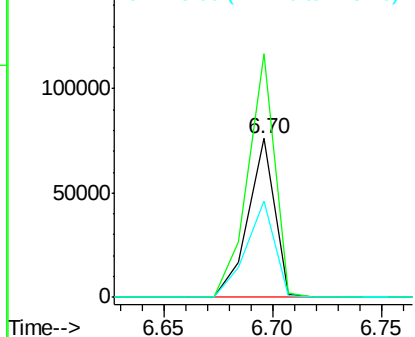
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF088958.D
Acq: 13 Jul 2016 15:17

Instrument :
BNA_F
ClientSampleId :
C3-01

Tot Ion:152 Resp: 64721
Ion Ratio Lower Upper
152 100
150 153.1 123.8 185.6
115 60.7 39.6 59.4#



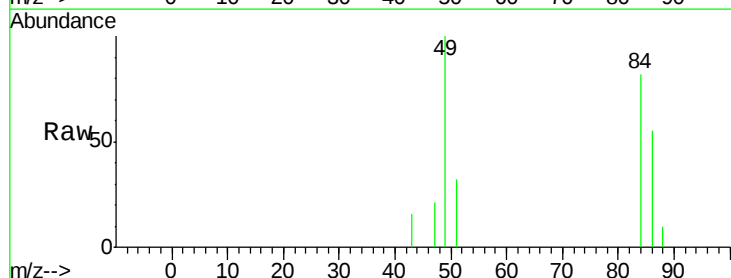
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



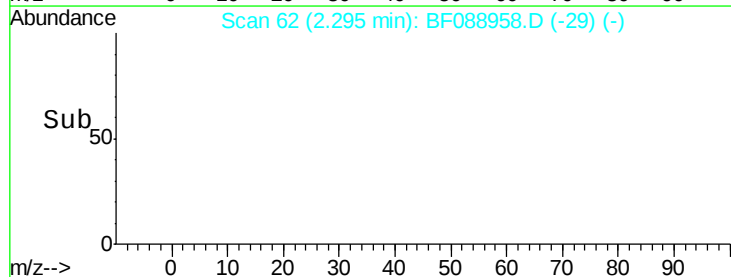
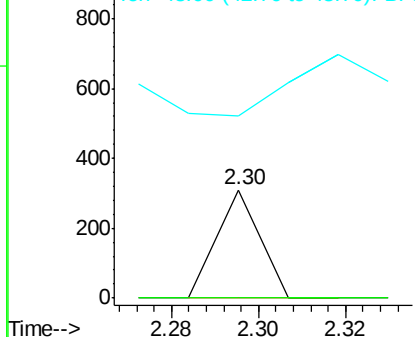
#2

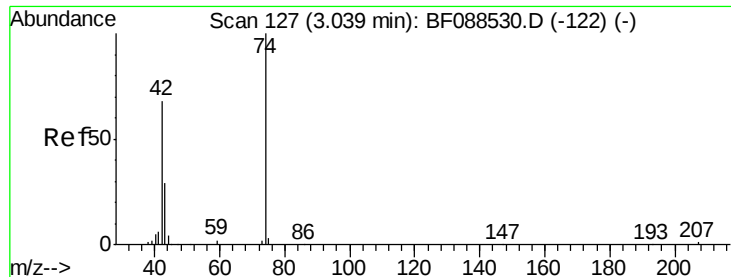
1,4-Dioxane
Concen: 0.10 ng
RT: 2.30 min Scan# 62
Delta R.T. 0.08 min
Lab File: BF088958.D
Acq: 13 Jul 2016 15:17

Tgt Ion: 88 Resp: 212
Ion Ratio Lower Upper
88 100
58 0.0 0.0 0.0
43 0.0 3.4 5.2#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 0.53 ng

RT: 2.83 min Scan# 109

Delta R.T. -0.00 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

Instrument :

BNA_F

ClientSampleId :

C3-01

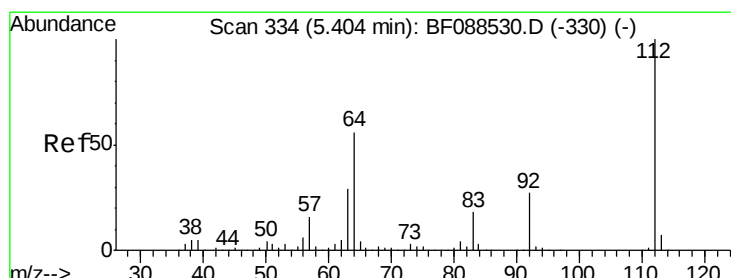
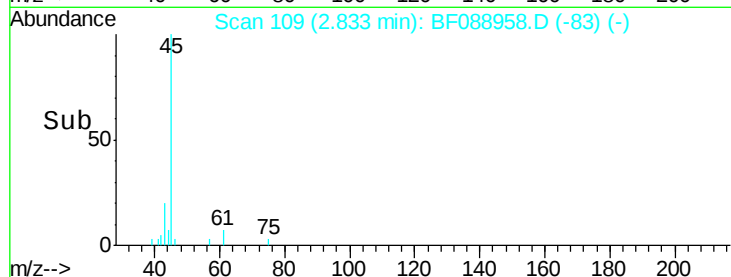
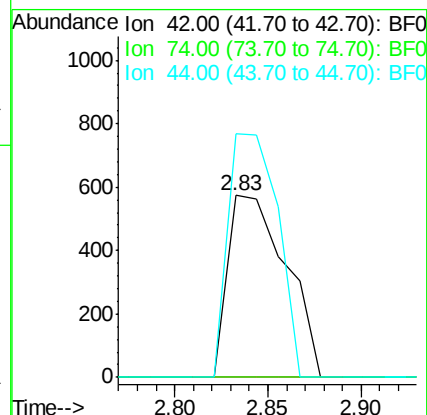
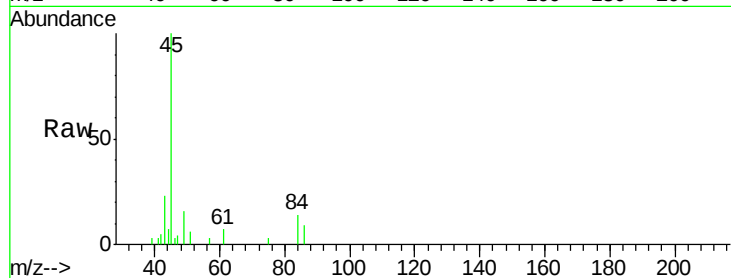
Tot Ion: 42 Resp: 1249

Ion Ratio Lower Upper

42 100

74 0.0 108.6 163.0#

44 133.8 5.5 8.3#



#5

2-Fluorophenol

Concen: 100.84 ng

RT: 5.29 min Scan# 324

Delta R.T. -0.00 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

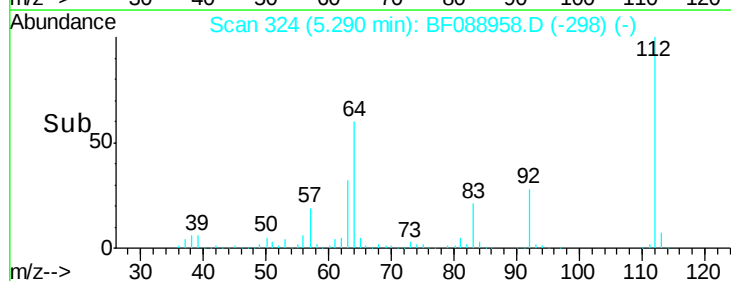
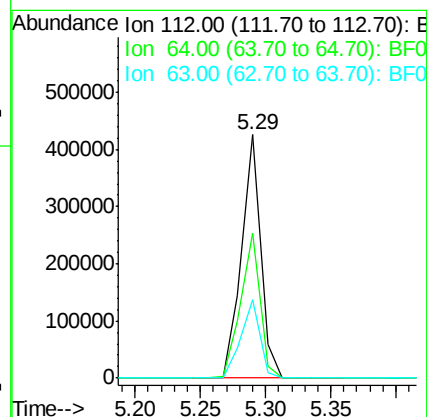
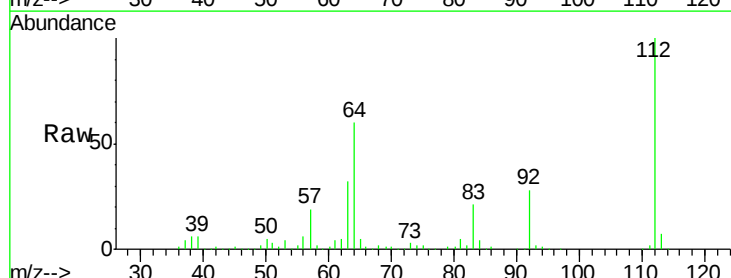
Tgt Ion: 112 Resp: 435489

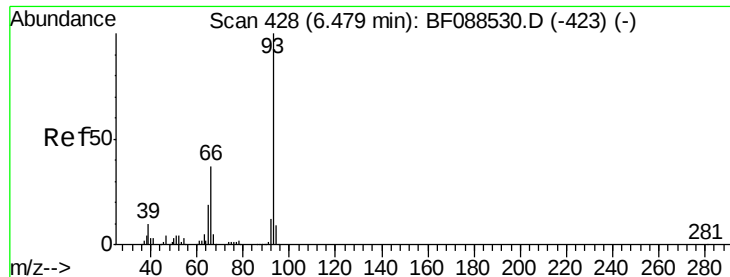
Ion Ratio Lower Upper

112 100

64 59.7 42.2 63.2

63 32.1 21.8 32.8





#6

Aniline

Concen: 0.10 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.09 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

Instrument :

BNA_F

ClientSampleId :

C3-01

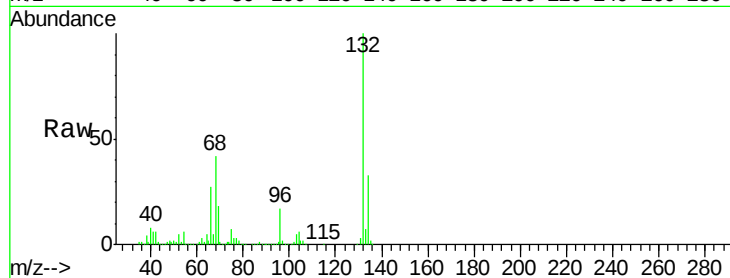
Tot Ion: 93 Resp: 813

Ion Ratio Lower Upper

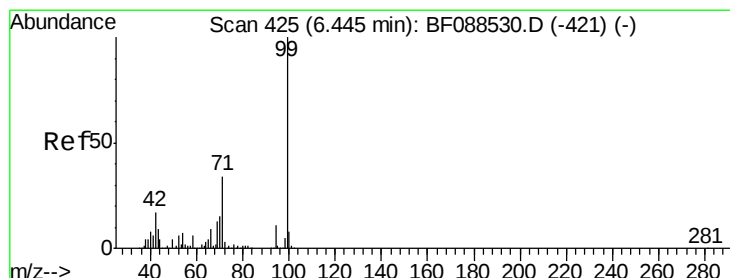
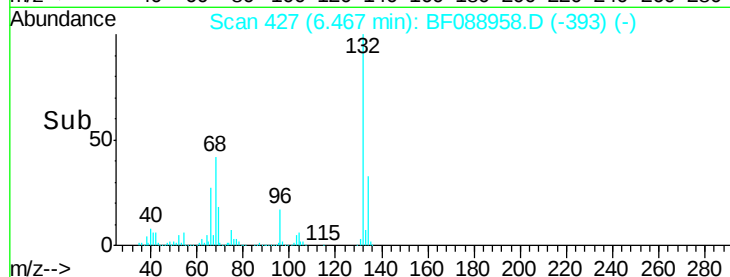
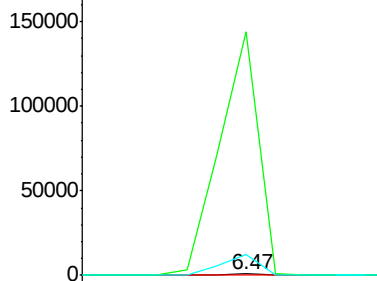
93 100

66 18053.1 29.8 44.8#

65 1532.1 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: 111.37 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

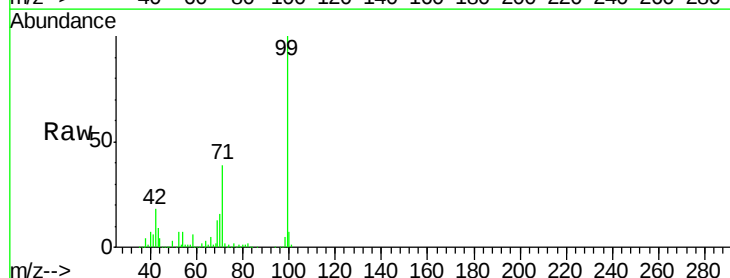
Tgt Ion: 99 Resp: 621447

Ion Ratio Lower Upper

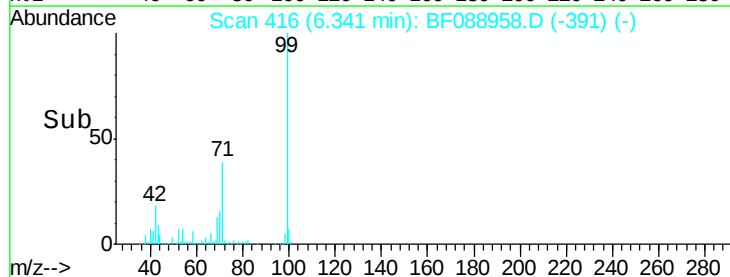
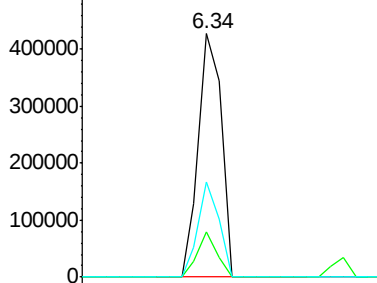
99 100

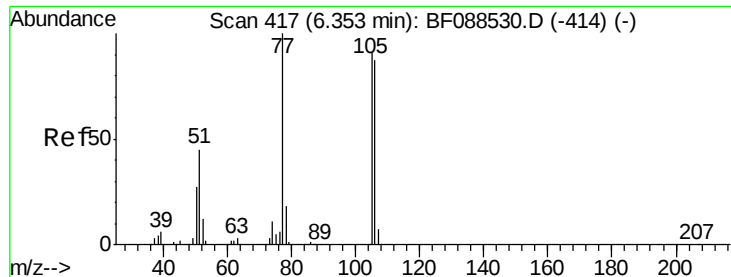
42 18.5 12.2 18.2#

71 39.0 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: 0.24 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.09 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

Instrument :

BNA_F

ClientSampled :

C3-01

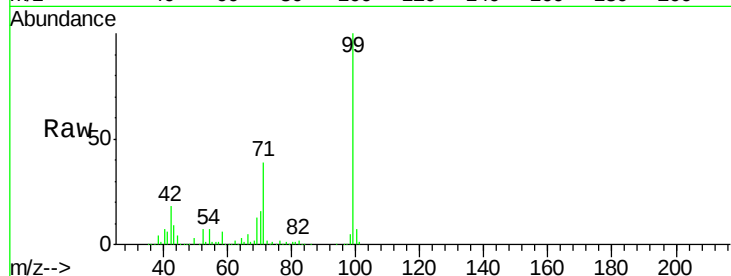
Tot Ion: 77 Resp: 913

Ion Ratio Lower Upper

77 100

105 0.0 90.6 130.6#

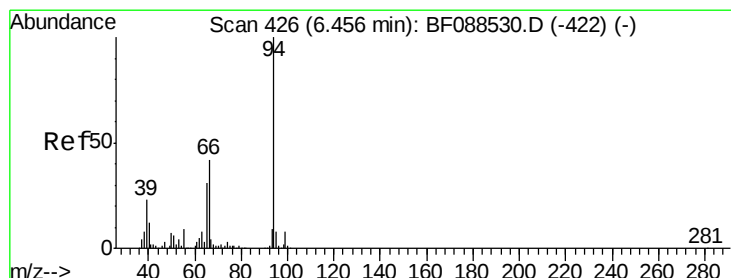
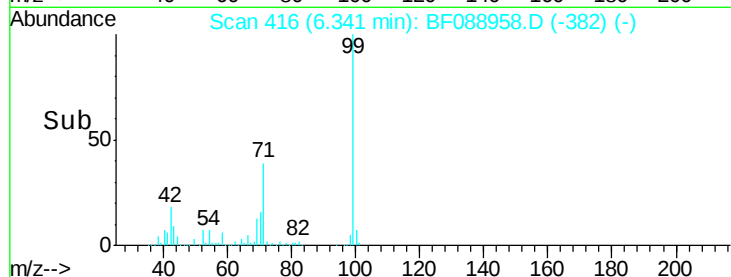
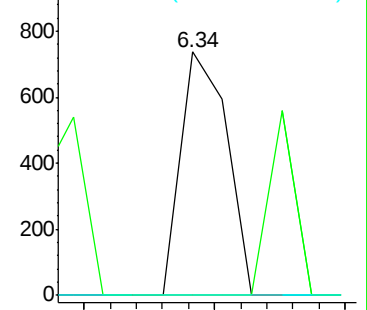
106 0.0 85.3 125.3#



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: 1.04 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

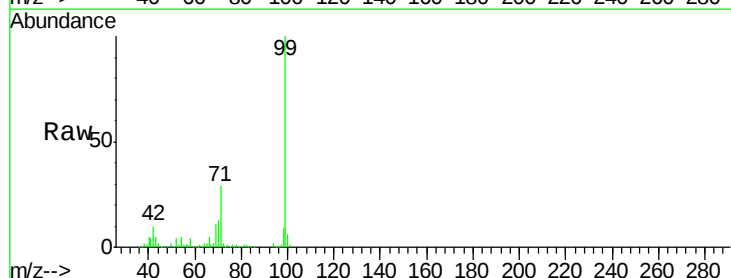
Tgt Ion: 94 Resp: 6607

Ion Ratio Lower Upper

94 100

65 80.1 5.9 45.9#

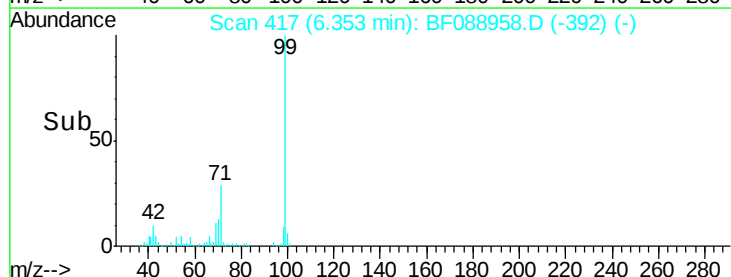
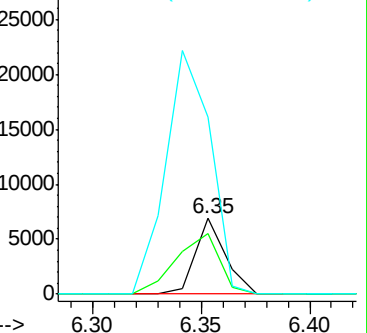
66 234.9 14.0 54.0#

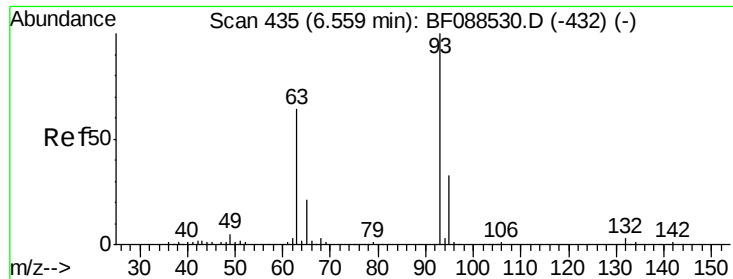


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 0.17 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

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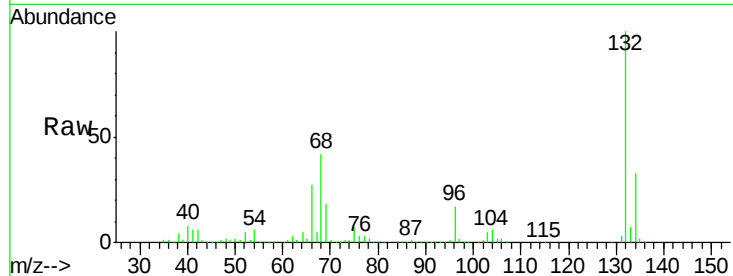
Tot Ion: 93 Resp: 813

Ion Ratio Lower Upper

93 100

63 698.7 67.6 107.6#

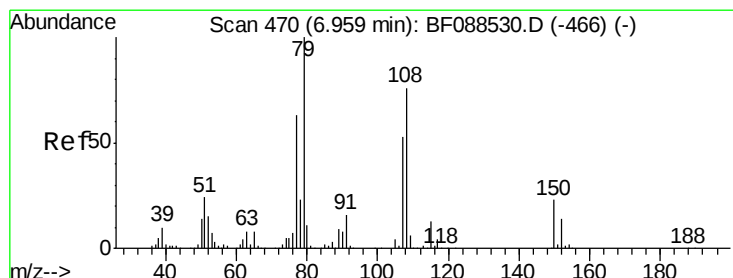
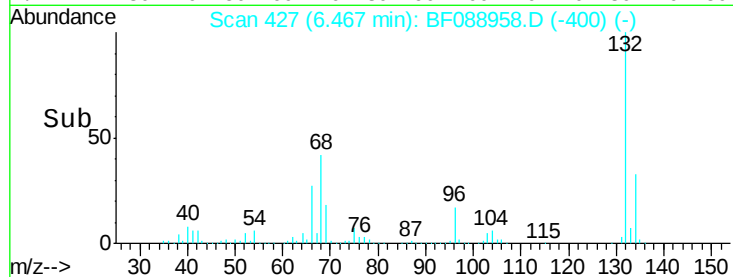
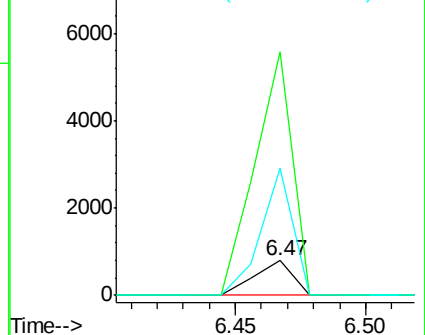
95 365.7 12.5 52.5#



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: 1.73 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

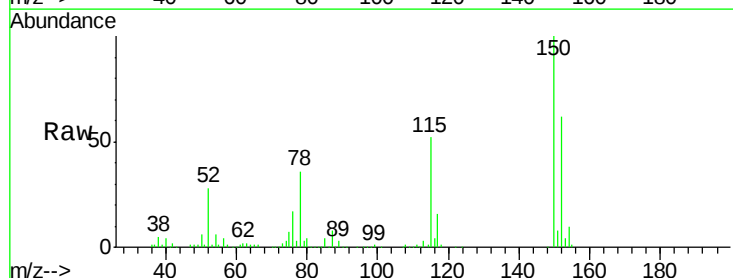
Tgt Ion: 79 Resp: 7119

Ion Ratio Lower Upper

79 100

108 35.0 65.0 97.6#

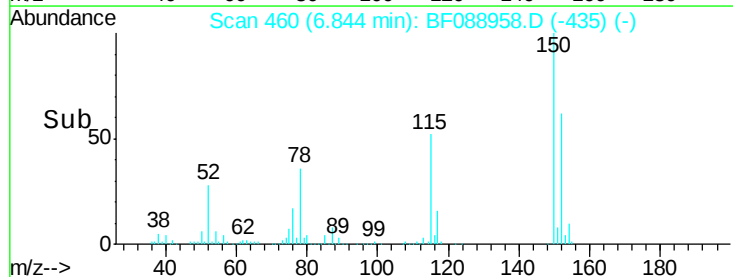
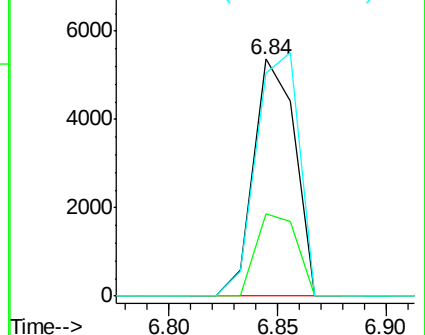
77 93.9 50.3 75.5#

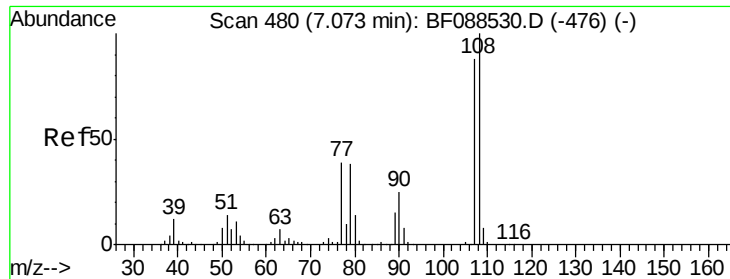


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

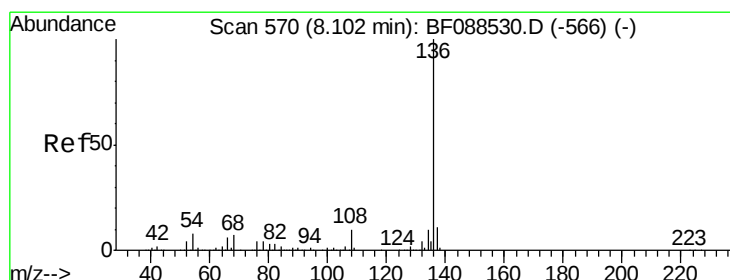
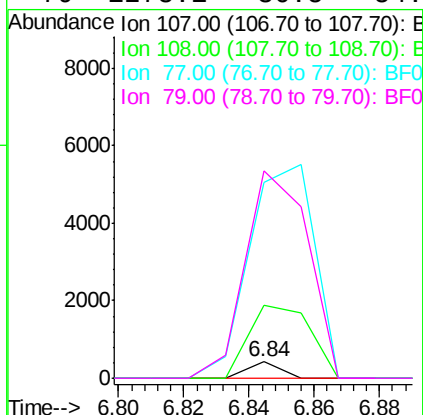
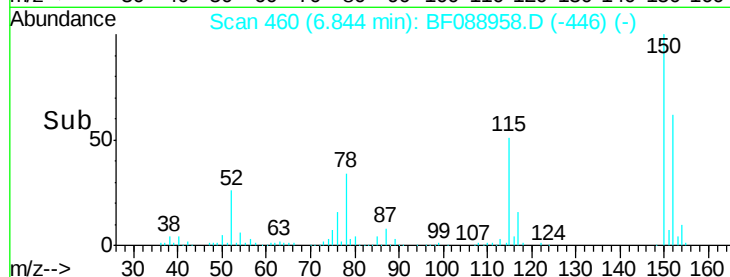
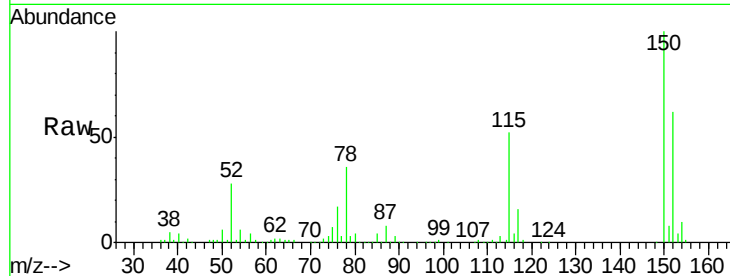




#17
2-Methylphenol
Concen: 0.08 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.14 min
Lab File: BF088958.D
Acq: 13 Jul 2016 15:17

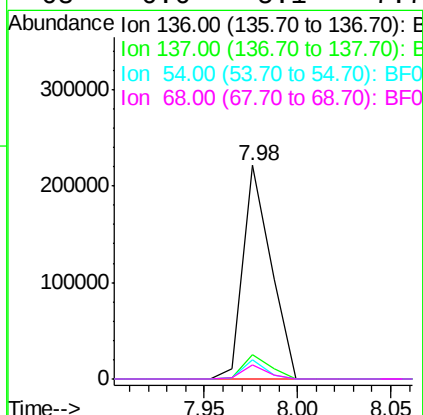
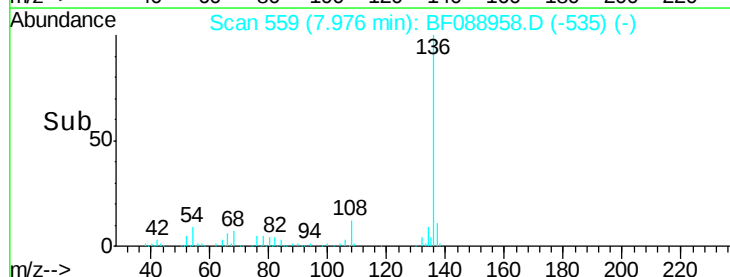
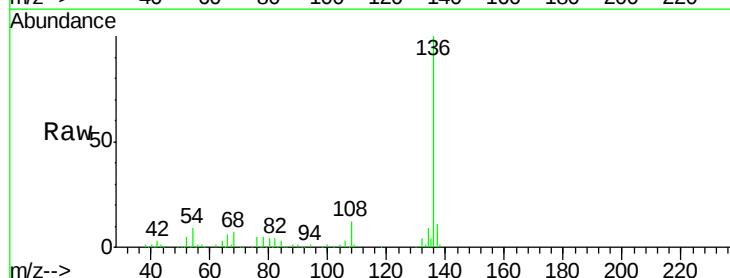
Instrument :
BNA_F
ClientSampleId :
C3-01

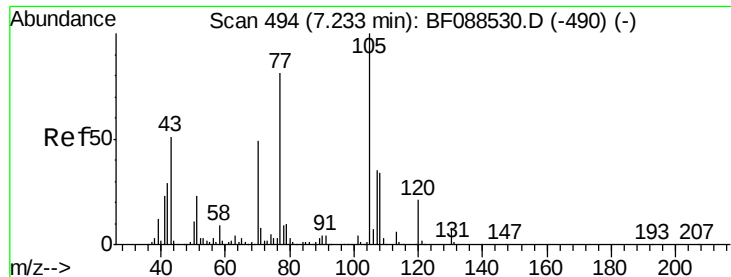
Tot Ion:107 Resp: 288
Ion Ratio Lower Upper
107 100
108 447.1 90.9 136.3#
77 1200.5 36.6 55.0#
79 1278.1 36.5 54.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF088958.D
Acq: 13 Jul 2016 15:17

Tgt Ion:136 Resp: 231167
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 9.0 6.6 10.0
68 6.6 5.1 7.7





#22

Acetophenone

Concen: 0.12 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.03 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

Instrument :

BNA_F

ClientSampleId :

C3-01

Tot Ion:105 Resp: 658

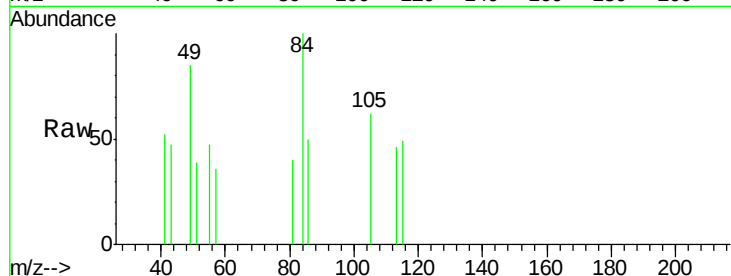
Ion Ratio Lower Upper

105 100

71 0.0 5.3 7.9#

51 62.8 18.2 27.4#

120 0.0 18.0 27.0#



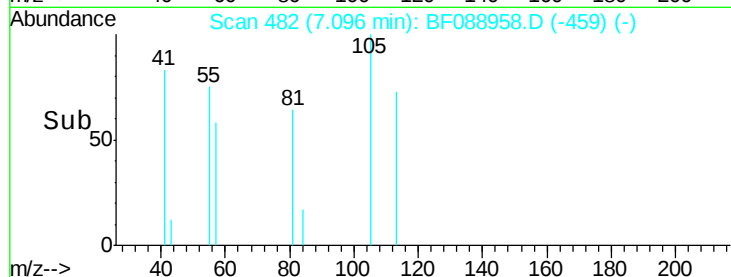
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

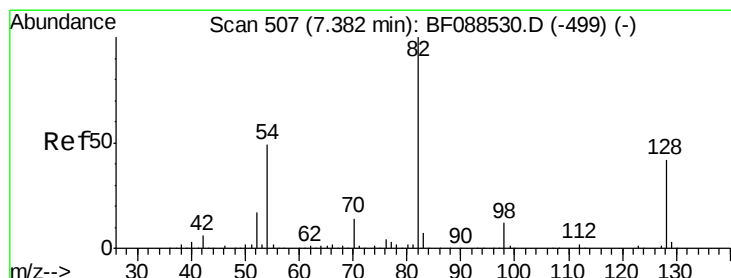
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 98.18 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

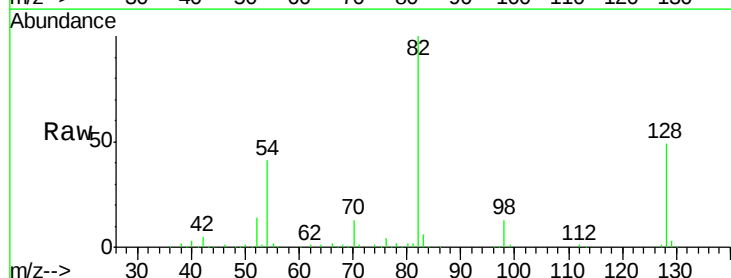
Tgt Ion: 82 Resp: 433080

Ion Ratio Lower Upper

82 100

128 48.8 35.9 53.9

54 41.2 40.9 61.3

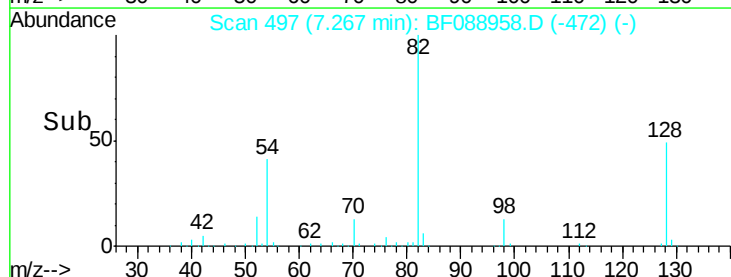


Abundance Ion 82.00 (81.70 to 82.70): BF0

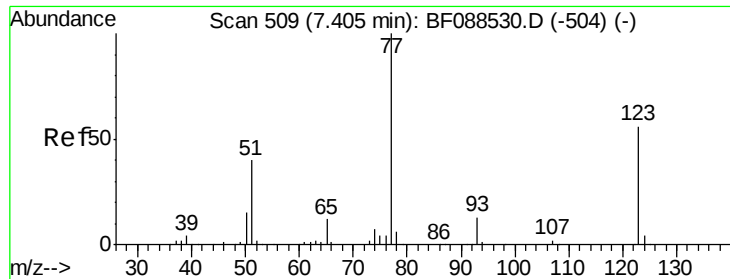
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->



Time-->



#24

Nitrobenzene

Concen: 0.26 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

Instrument :

BNA_F

ClientSampleId :

C3-01

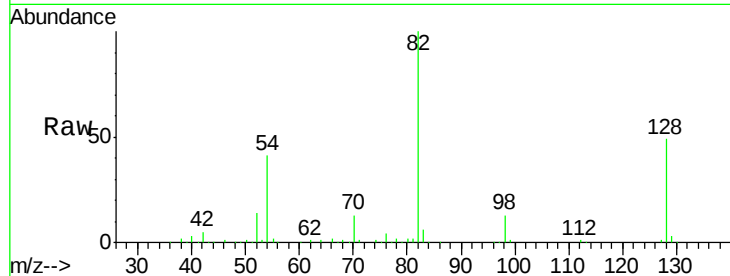
Tot Ion: 77 Resp: 1164

Ion Ratio Lower Upper

77 100

123 0.0 45.0 67.4#

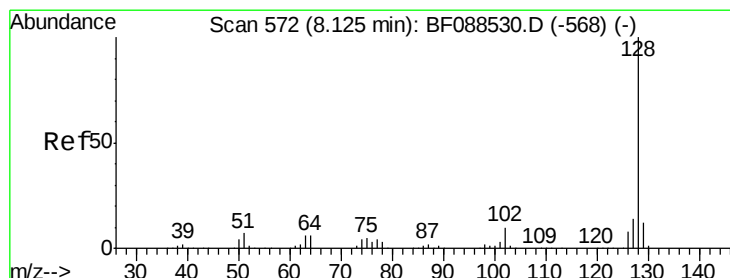
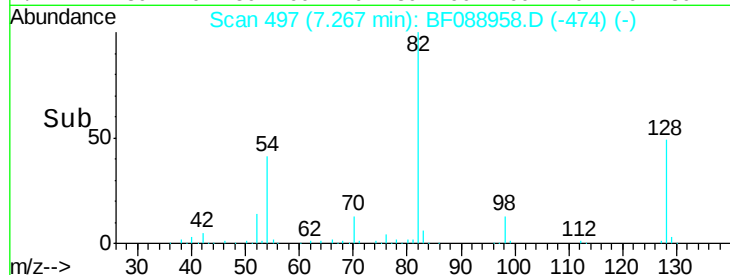
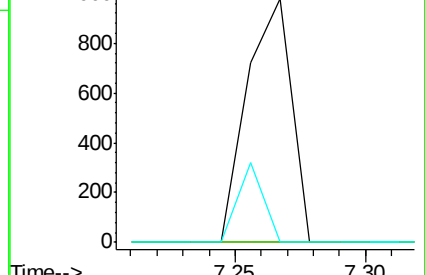
65 0.0 10.2 15.2#



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



#31

Naphthalene

Concen: 0.28 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

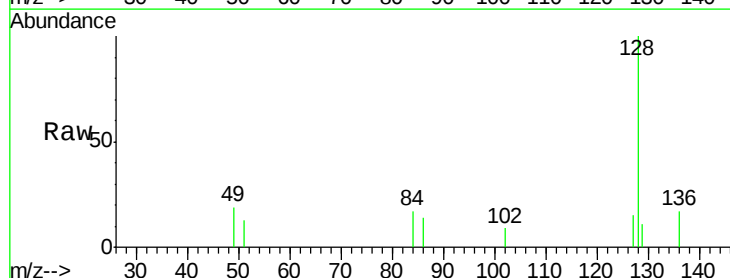
Tgt Ion: 128 Resp: 3138

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.2

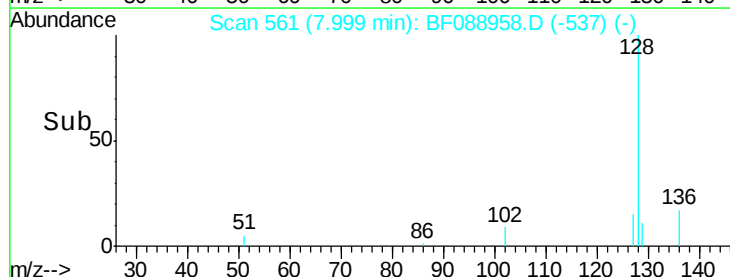
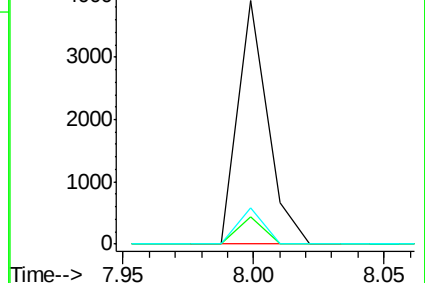
127 15.0 10.9 16.3

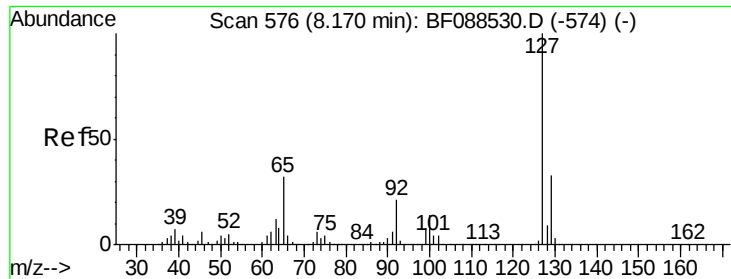


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

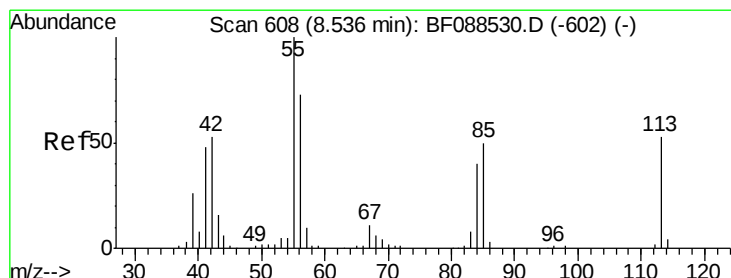
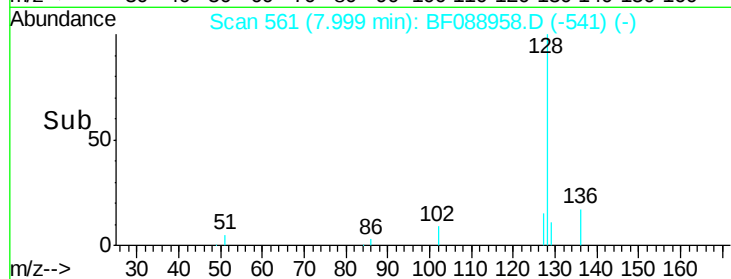
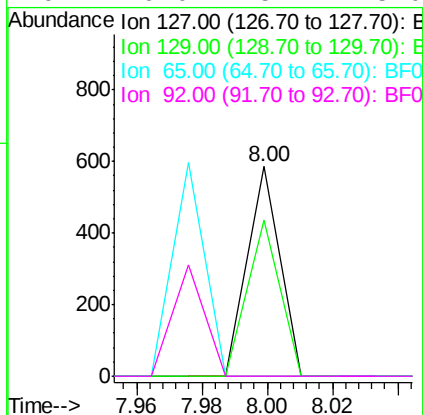
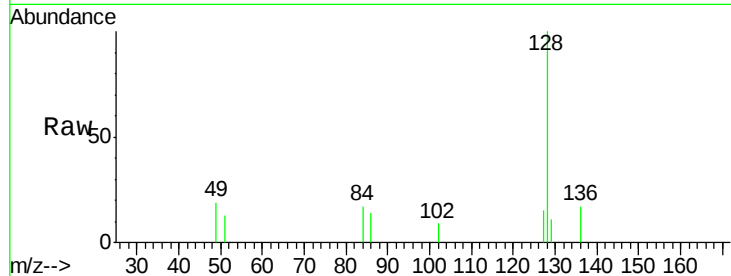




#33
4-Chloroaniline
Concen: 0.08 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.07 min
Lab File: BF088958.D
Acq: 13 Jul 2016 15:17

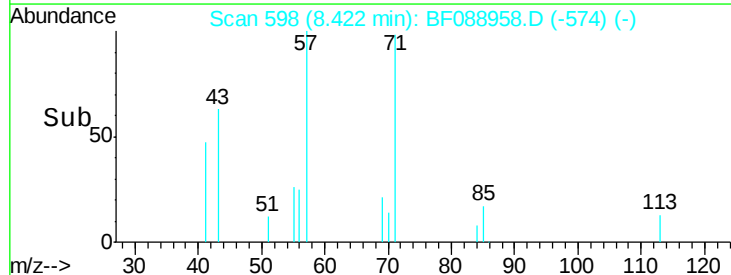
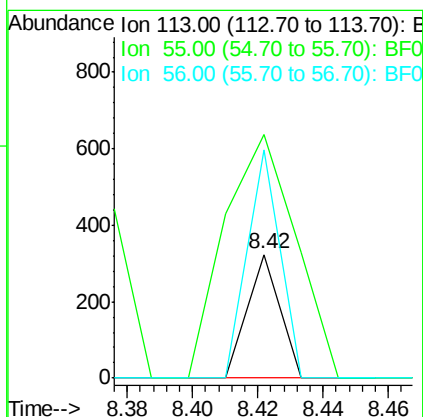
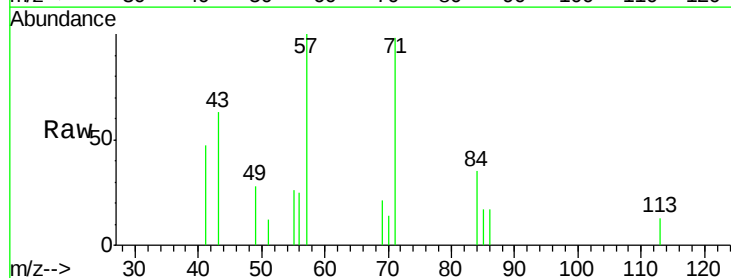
Instrument :
BNA_F
ClientSampleId :
C3-01

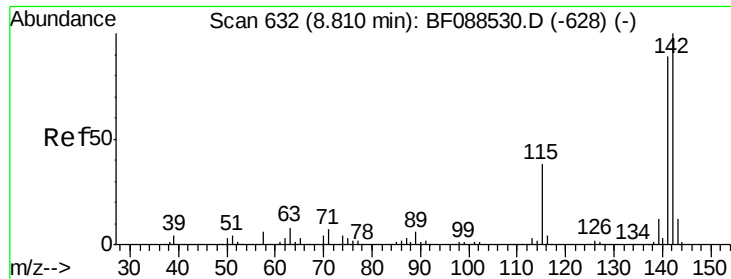
Tot Ion:	127	Resp:	401
Ion	Ratio	Lower	Upper
127	100		
129	74.4	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#



#35
Caprolactam
Concen: 0.21 ng
RT: 8.42 min Scan# 598
Delta R.T. -0.02 min
Lab File: BF088958.D
Acq: 13 Jul 2016 15:17

Tgt Ion:	113	Resp:	221
Ion	Ratio	Lower	Upper
113	100		
55	197.2	158.6	198.6
56	185.1	110.6	150.6#

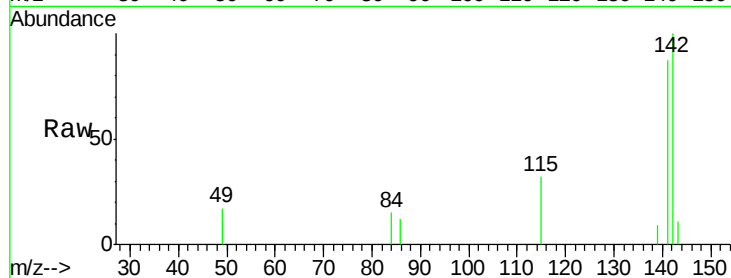




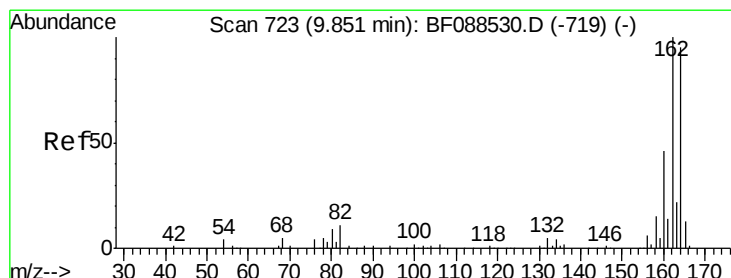
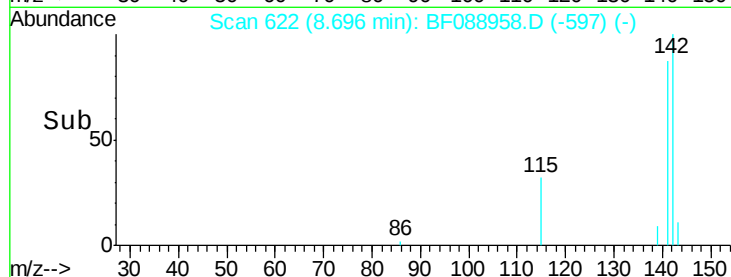
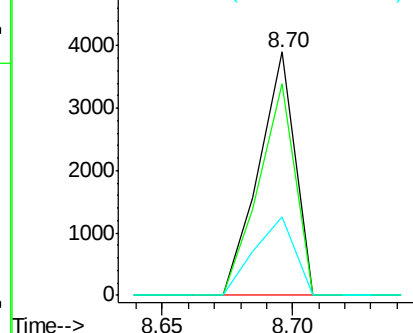
#37
 2-Methylnaphthalene
 Concen: 0.51 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF088958.D
 Acq: 13 Jul 2016 15:17

Instrument :
 BNA_F
 ClientSampled :
 C3-01

Tot Ion:142 Resp: 3754
 Ion Ratio Lower Upper
 142 100
 141 86.7 71.0 106.6
 115 32.0 22.6 33.8

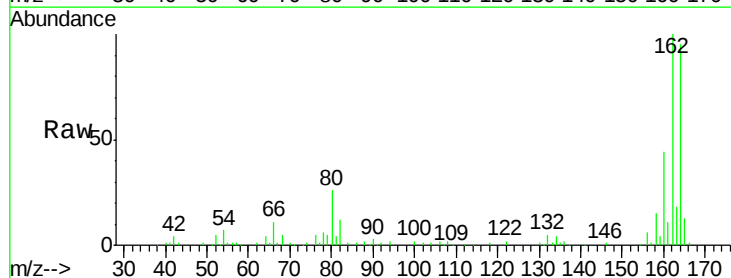


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

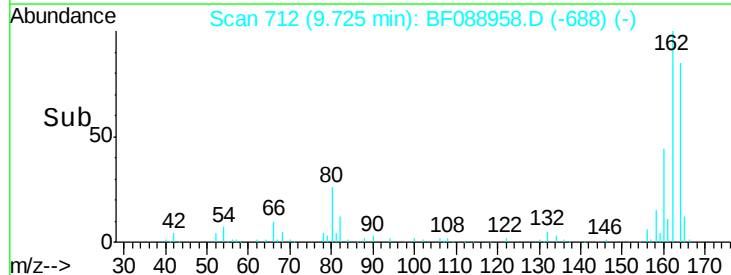
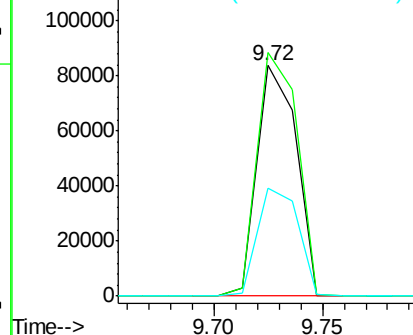


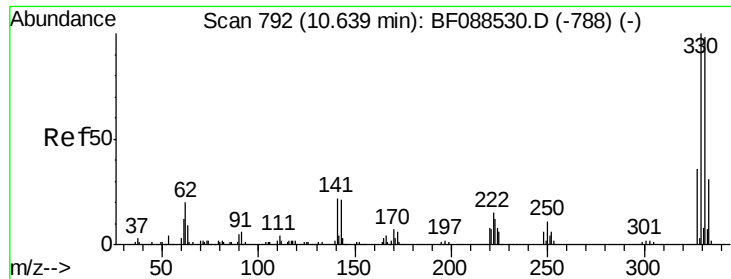
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.02 min
 Lab File: BF088958.D
 Acq: 13 Jul 2016 15:17

Tgt Ion:164 Resp: 105830
 Ion Ratio Lower Upper
 164 100
 162 105.5 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

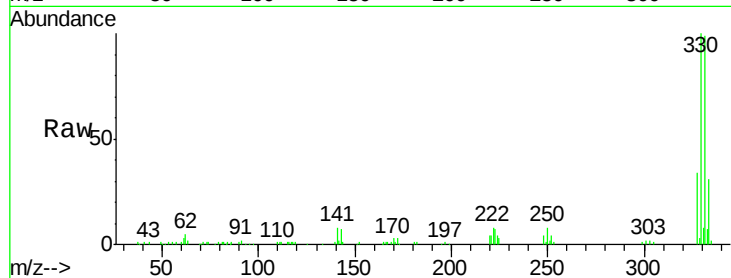




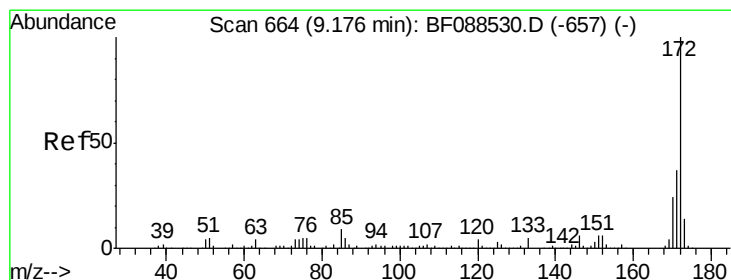
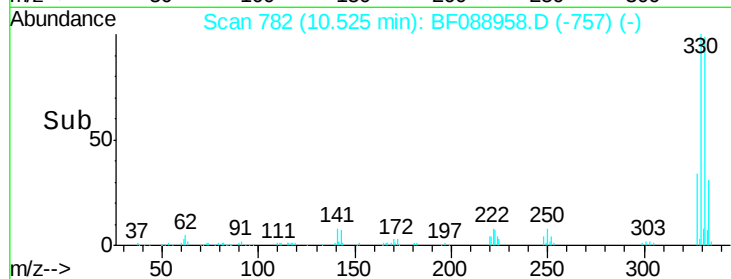
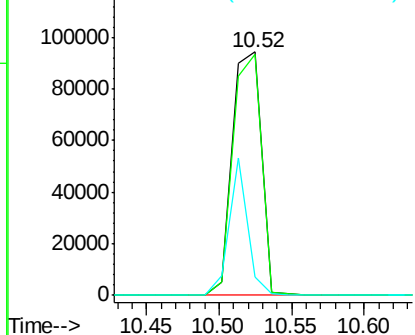
#41
 2,4,6-Tribromophenol
 Concen: 133.77 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088958.D
 Acq: 13 Jul 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 C3-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	35.8	0.0	0.0#

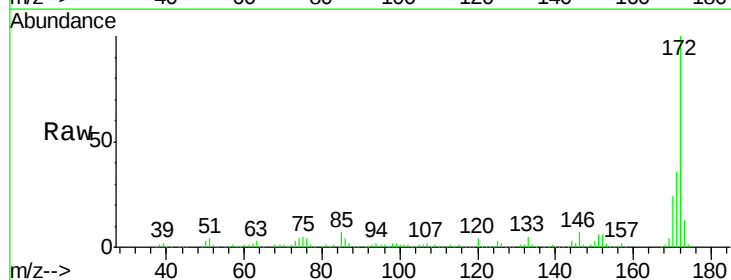


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

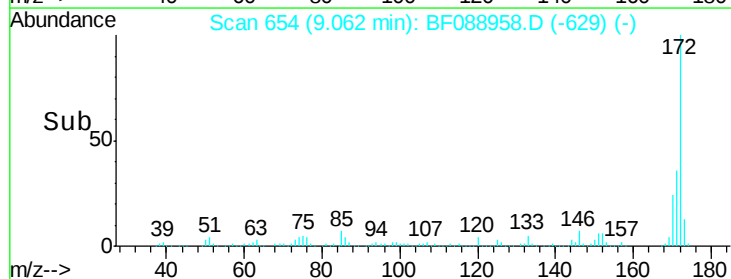
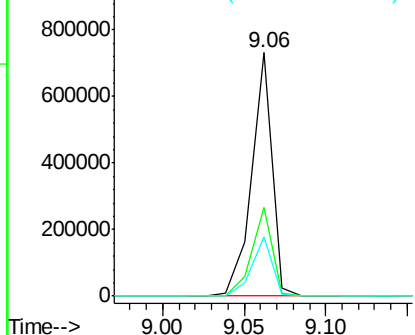


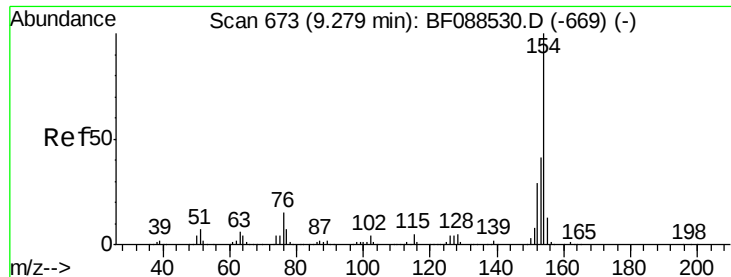
#44
 2-Fluorobiphenyl
 Concen: 94.93 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088958.D
 Acq: 13 Jul 2016 15:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.2	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: 0.06 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

Instrument :

BNA_F

ClientSampled :

C3-01

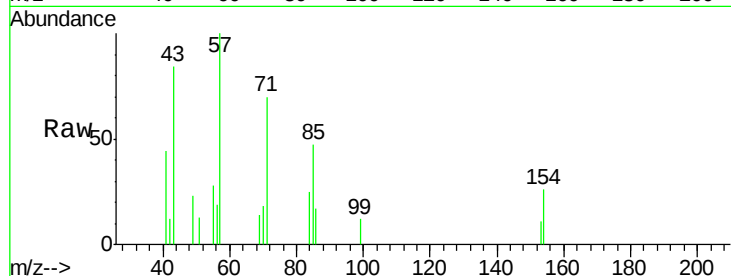
Tot Ion:154 Resp: 568

Ion Ratio Lower Upper

154 100

153 40.0 20.6 60.6

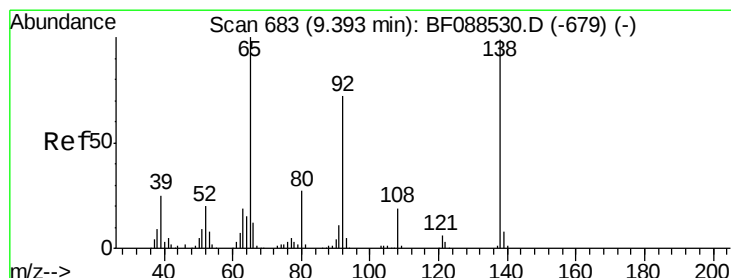
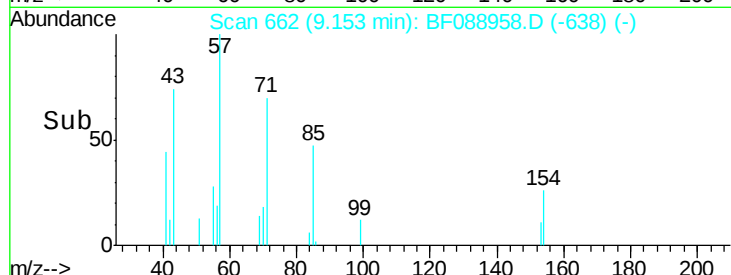
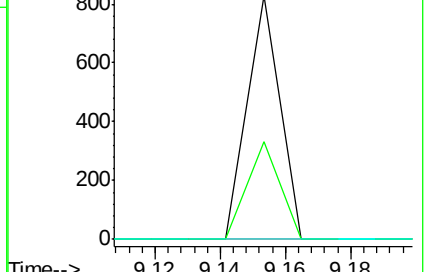
76 0.0 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#47

2-Nitroaniline

Concen: 0.43 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.16 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

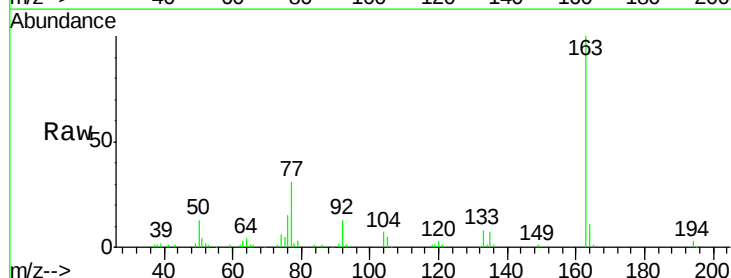
Tgt Ion: 65 Resp: 1062

Ion Ratio Lower Upper

65 100

92 916.2 54.6 82.0#

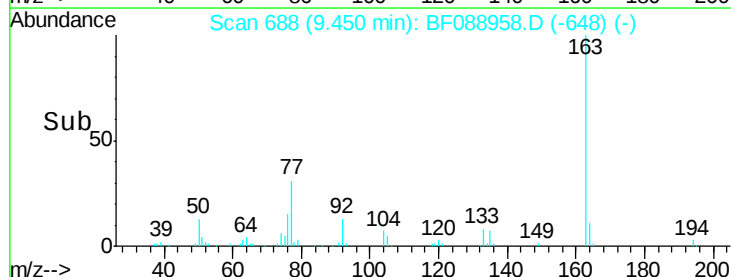
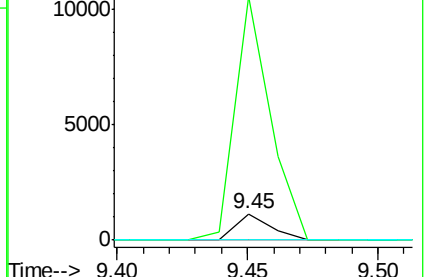
138 0.0 77.0 115.4#

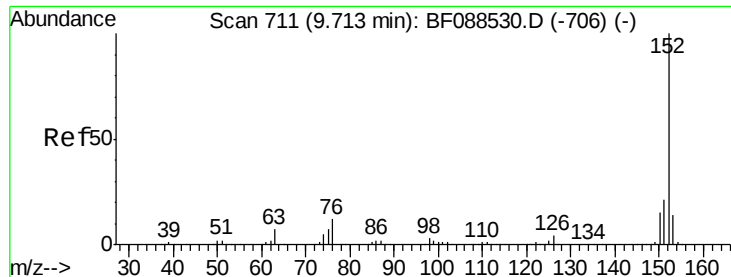


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.07 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

Instrument :

BNA_F

ClientSampleId :

C3-01

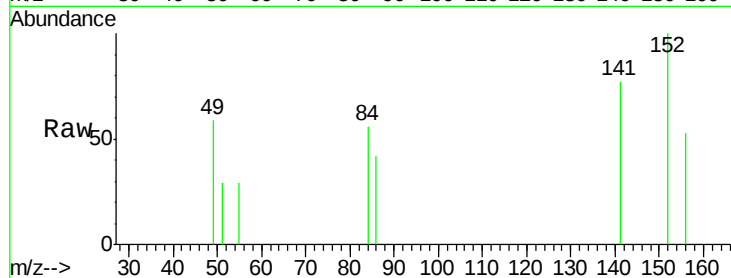
Tot Ion:152 Resp: 763

Ion Ratio Lower Upper

152 100

151 0.0 16.2 24.4#

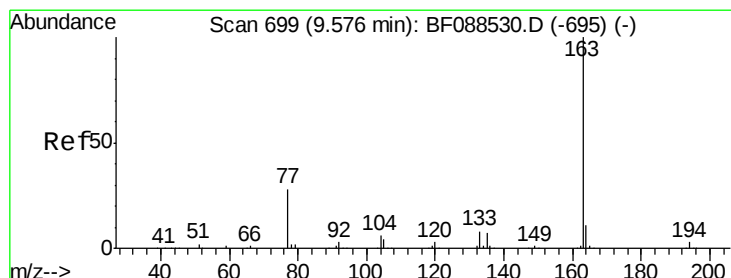
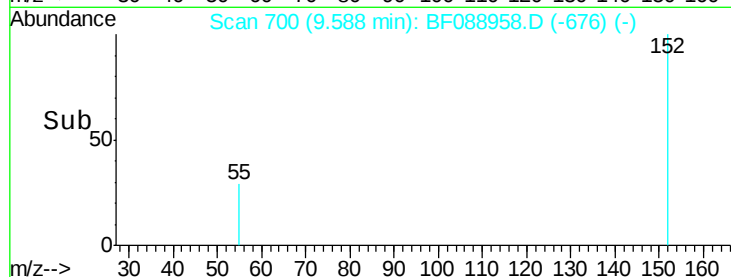
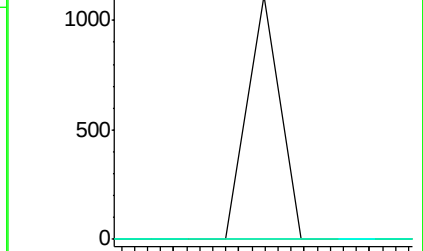
153 0.0 11.0 16.6#



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: 13.36 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

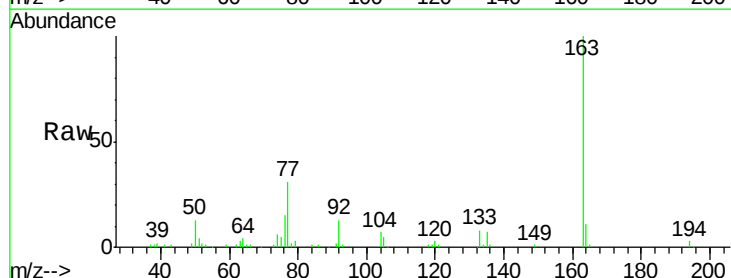
Tgt Ion:163 Resp: 100726

Ion Ratio Lower Upper

163 100

194 2.6 2.8 4.2#

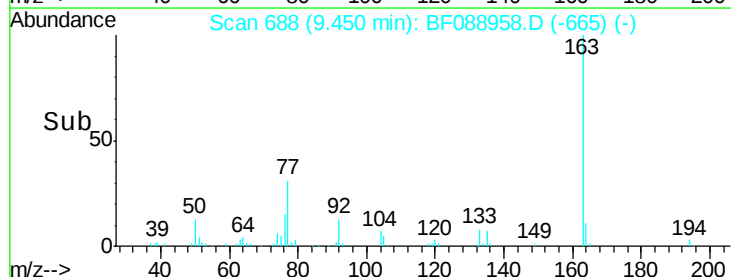
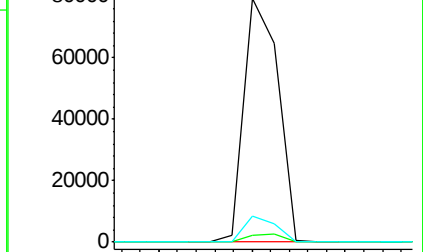
164 10.7 8.3 12.5

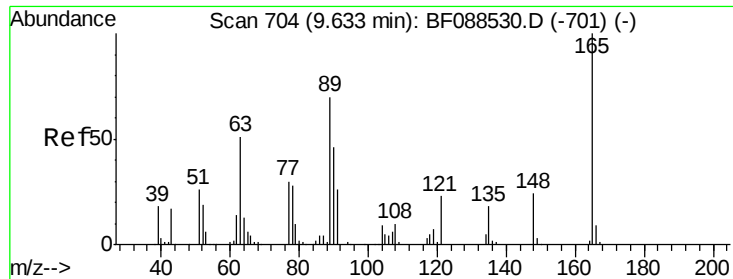


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

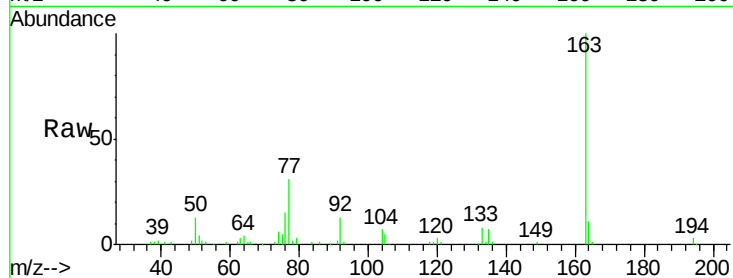




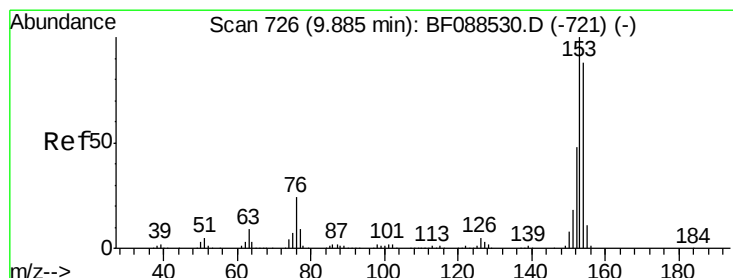
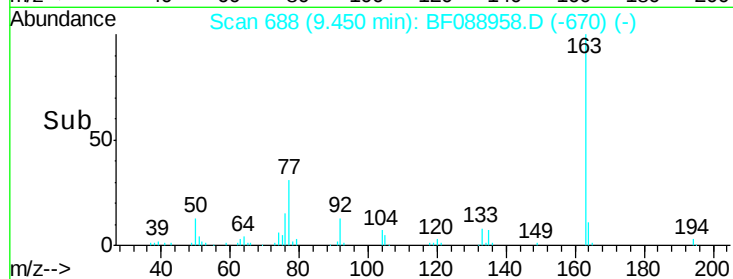
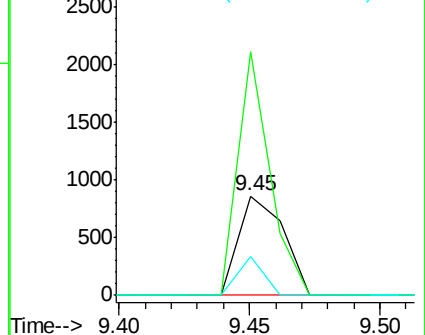
#50
 2,6-Dinitrotoluene
 Concen: 0.62 ng
 RT: 9.45 min Scan# 688
 Delta R.T. -0.09 min
 Lab File: BF088958.D
 Acq: 13 Jul 2016 15:17

Instrument :
 BNA_F
 ClientSampled :
 C3-01

Tot Ion:165 Resp: 1032
 Ion Ratio Lower Upper
 165 100
 63 244.5 28.1 42.1#
 89 39.4 32.2 48.2

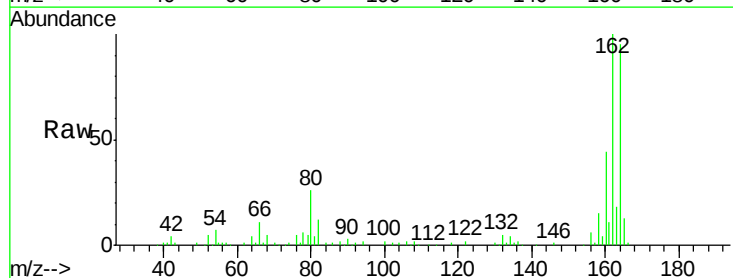


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

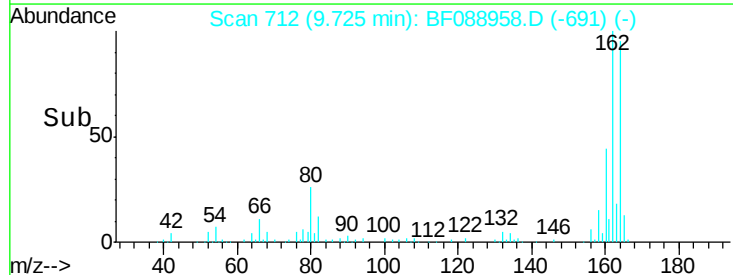
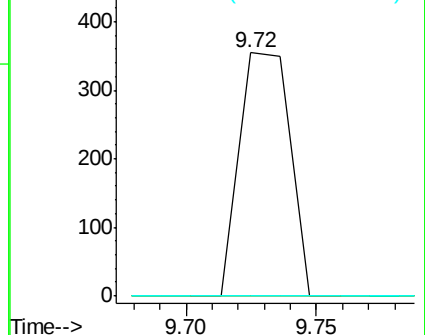


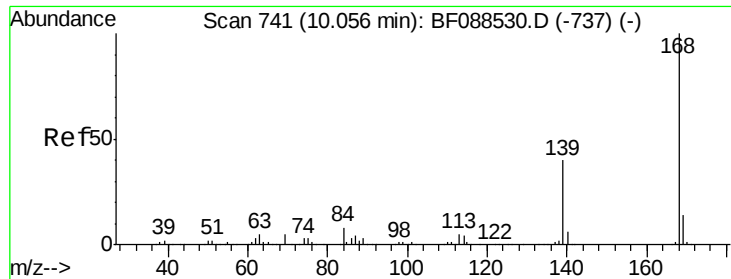
#51
 Acenaphthene
 Concen: 0.07 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.06 min
 Lab File: BF088958.D
 Acq: 13 Jul 2016 15:17

Tgt Ion:154 Resp: 483
 Ion Ratio Lower Upper
 154 100
 153 0.0 89.5 134.3#
 152 0.0 42.7 64.1#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

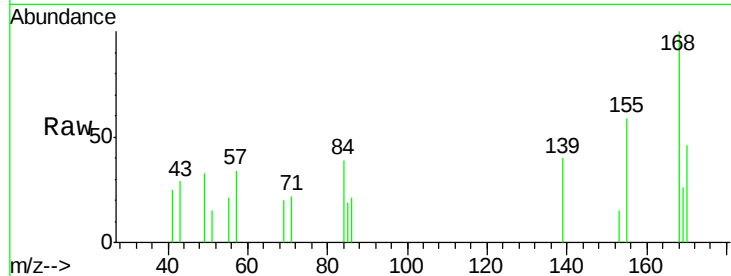




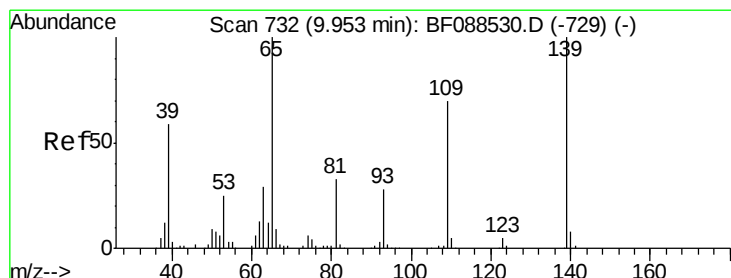
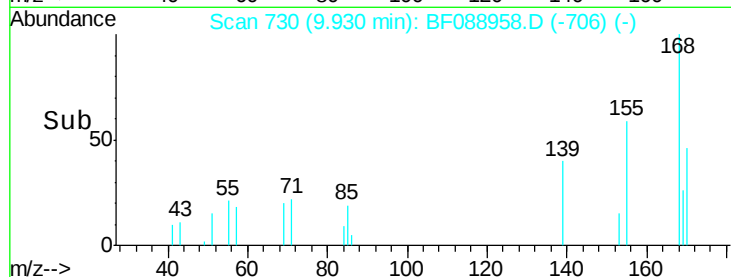
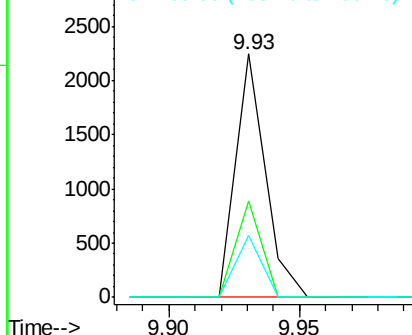
#54
Dibenzofuran
Concen: 0.20 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF088958.D
Acq: 13 Jul 2016 15:17

Instrument :
BNA_F
ClientSampled :
C3-01

Tot Ion:168 Resp: 1785
Ion Ratio Lower Upper
168 100
139 39.5 26.4 39.6
169 25.6 10.4 15.6#

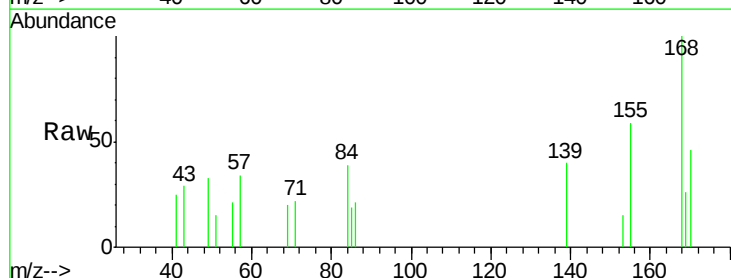


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

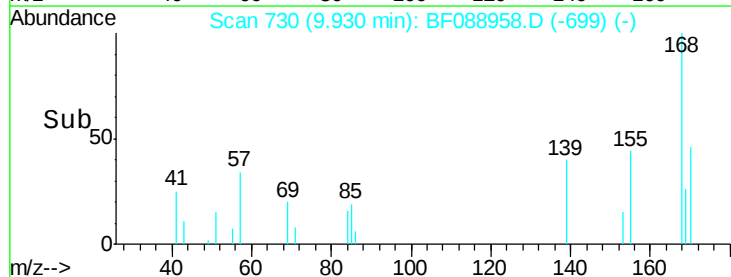
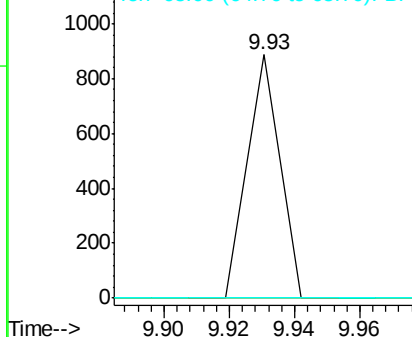


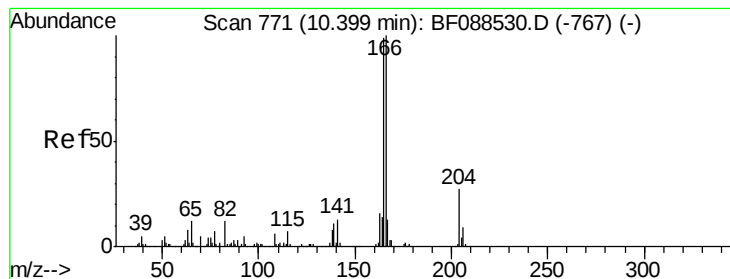
#55
4-Nitrophenol
Concen: 0.38 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.06 min
Lab File: BF088958.D
Acq: 13 Jul 2016 15:17

Tgt Ion:139 Resp: 609
Ion Ratio Lower Upper
139 100
109 0.0 48.9 88.9#
65 0.0 84.9 124.9#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 0.80 ng

RT: 10.51 min Scan# 781

Delta R.T. 0.22 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

Instrument :

BNA_F

ClientSampleId :

C3-01

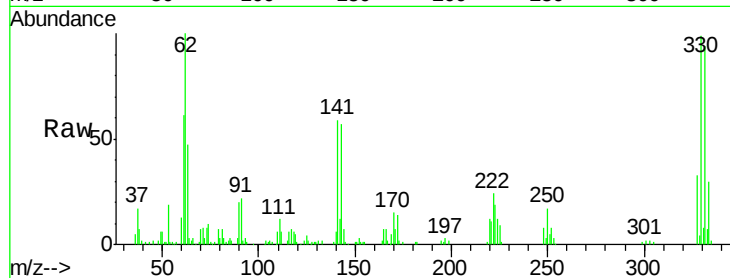
Tot Ion:166 Resp: 5389

Ion Ratio Lower Upper

166 100

165 101.7 77.8 116.8

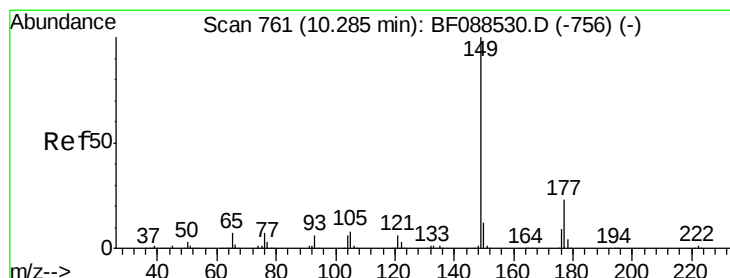
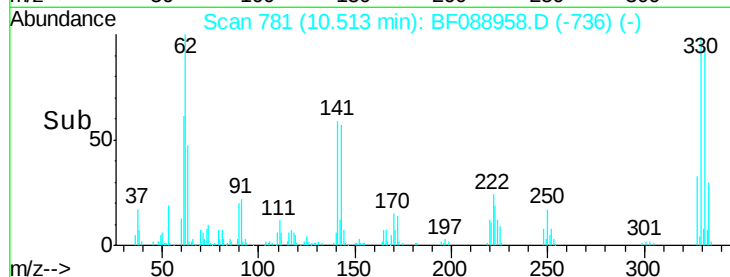
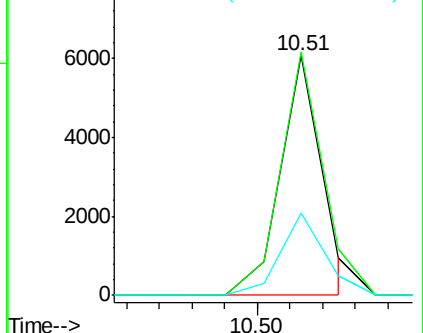
167 34.6 11.2 16.8#



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: 0.04 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

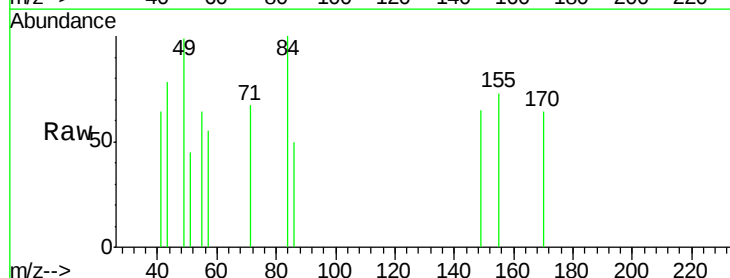
Tgt Ion:149 Resp: 316

Ion Ratio Lower Upper

149 100

177 0.0 16.9 25.3#

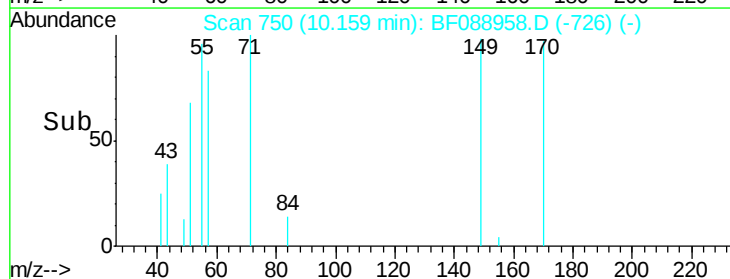
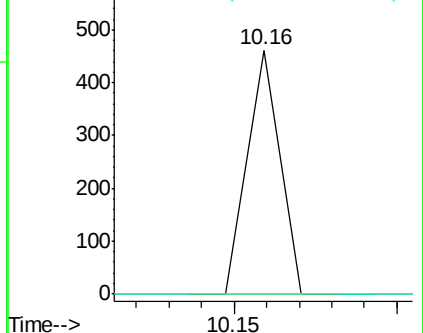
150 0.0 10.1 15.1#

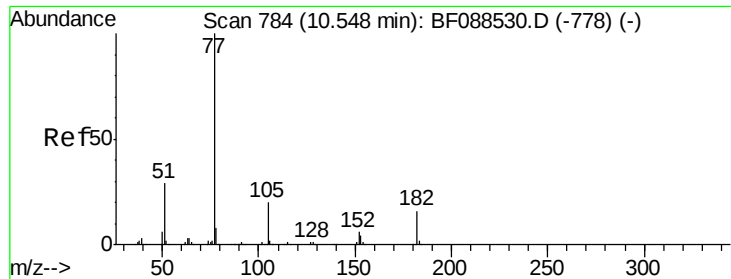


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.11 ng

RT: 10.51 min Scan# 781

Delta R.T. 0.07 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

Instrument :

BNA_F

ClientSampleId :

C3-01

Tot Ion: 77 Resp: 926

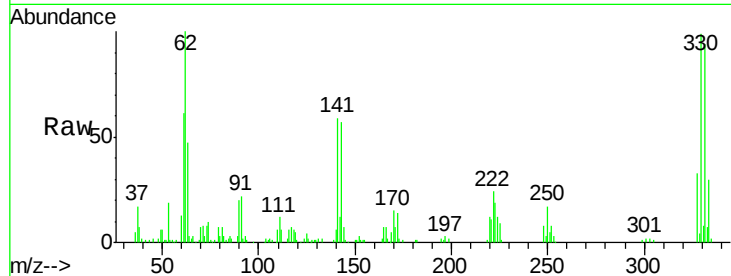
Ion Ratio Lower Upper

77 100

182 116.3 4.4 44.4#

105 87.4 3.8 43.8#

51 99.8 9.3 49.3#

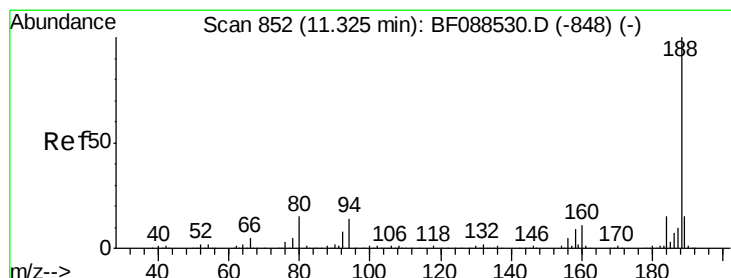
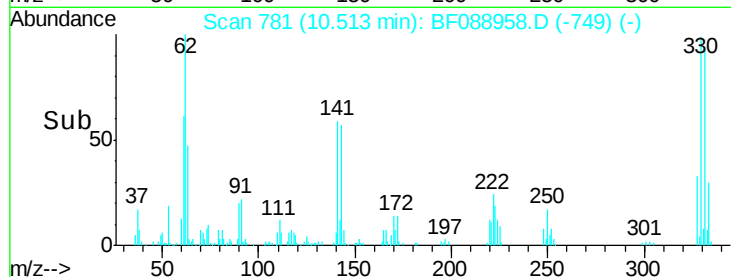
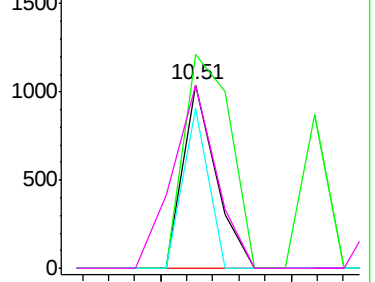


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

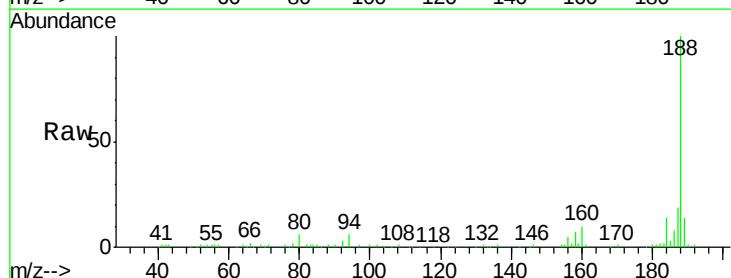
Tgt Ion: 188 Resp: 174808

Ion Ratio Lower Upper

188 100

94 5.8 9.0 13.6#

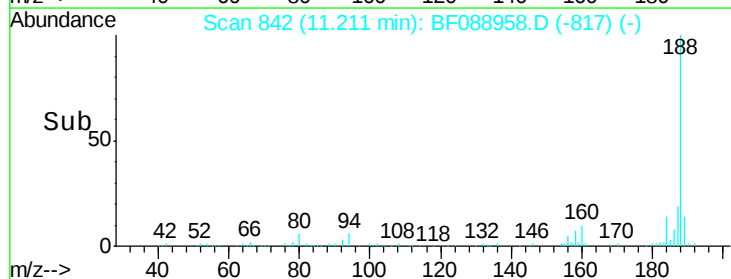
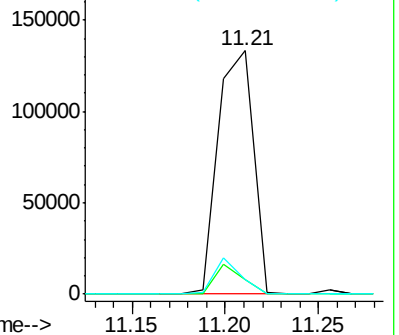
80 5.9 10.0 15.0#

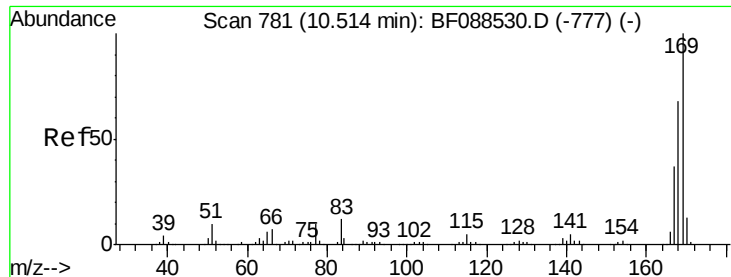


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

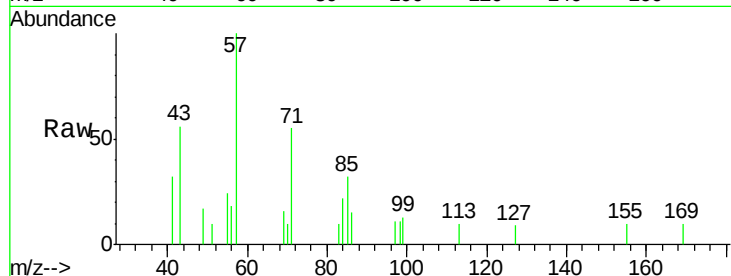




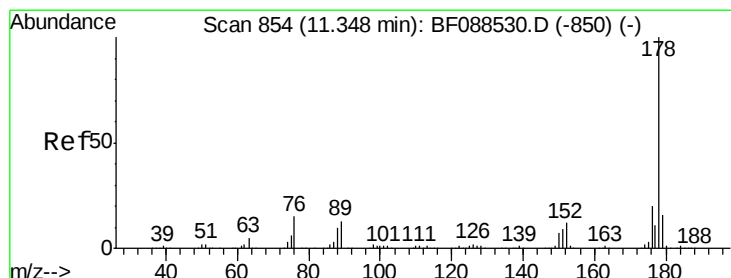
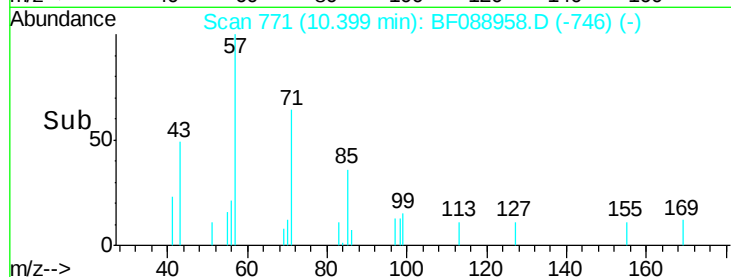
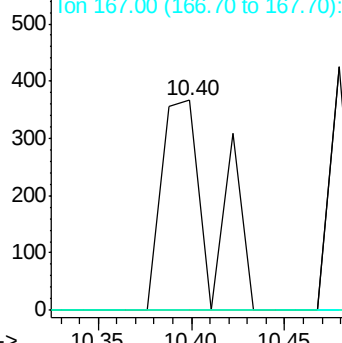
#65
 n-Nitrosodiphenylamine
 Concen: 0.12 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF088958.D
 Acq: 13 Jul 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 C3-01

Tot Ion:169 Resp: 708
 Ion Ratio Lower Upper
 169 100
 168 0.0 53.4 80.0#
 167 0.0 29.4 44.0#

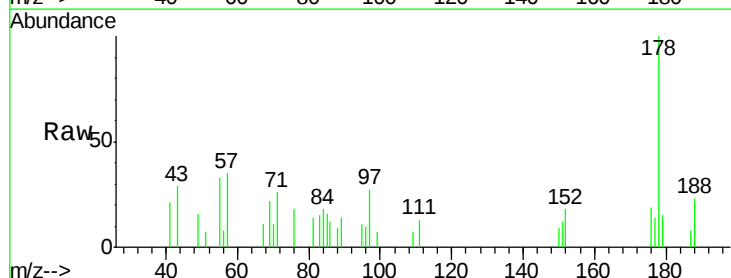


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

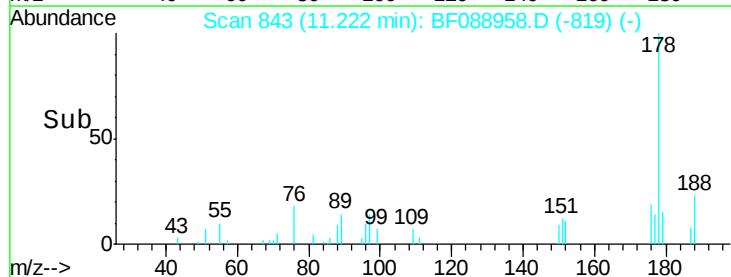
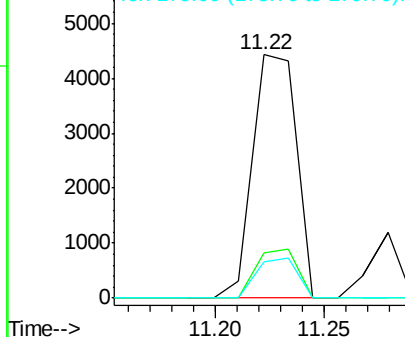


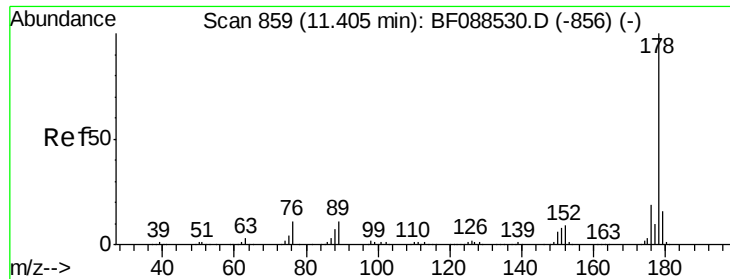
#70
 Phenanthrene
 Concen: 0.65 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BF088958.D
 Acq: 13 Jul 2016 15:17

Tgt Ion:178 Resp: 6209
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.6
 179 15.0 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

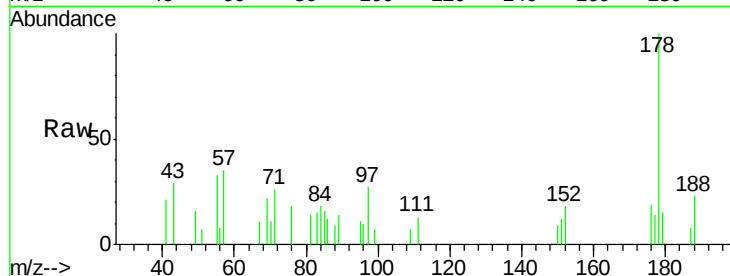




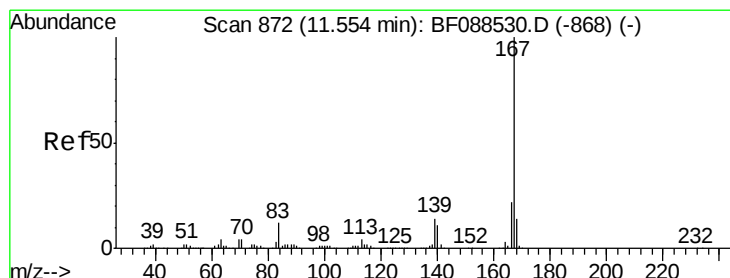
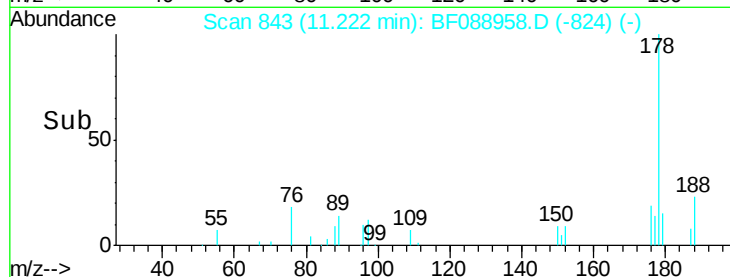
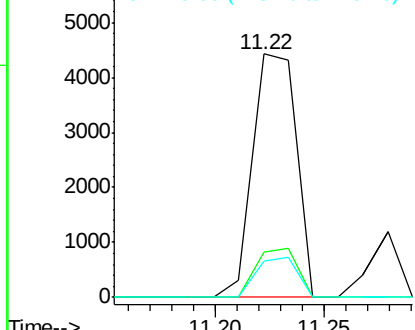
#71
 Anthracene
 Concen: 0.65 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.08 min
 Lab File: BF088958.D
 Acq: 13 Jul 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 C3-01

Tot Ion:178 Resp: 6209
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.6 23.4
 179 15.0 12.8 19.2

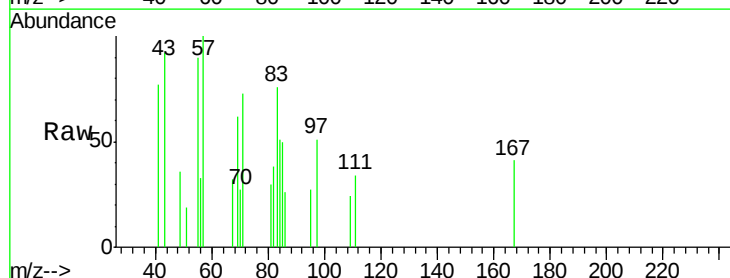


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

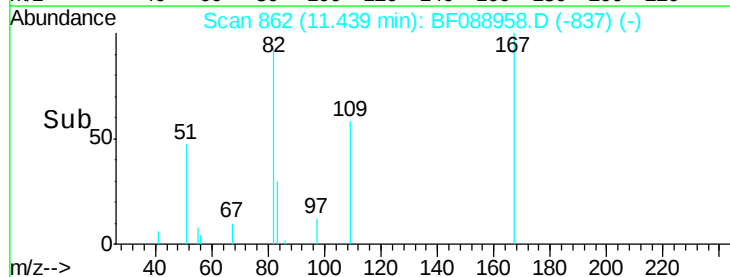
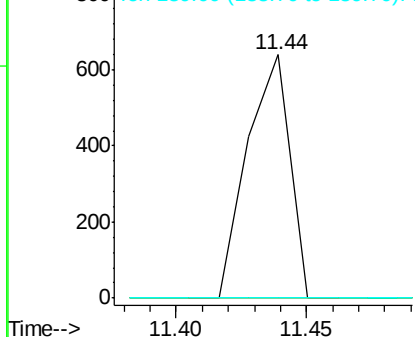


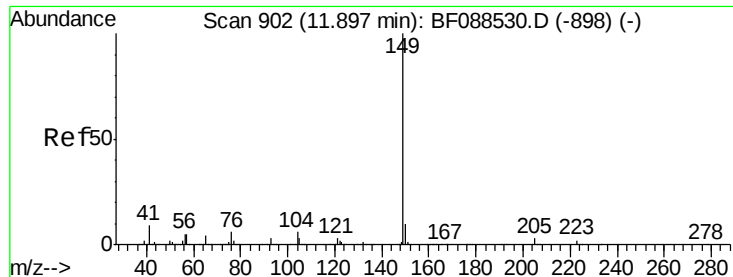
#72
 Carbazole
 Concen: 0.08 ng
 RT: 11.44 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BF088958.D
 Acq: 13 Jul 2016 15:17

Tgt Ion:167 Resp: 730
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.8 26.6#
 139 0.0 11.2 16.8#



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





#73

Di-n-butylphthalate

Concen: 0.15 ng

RT: 11.78 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

Instrument :

BNA_F

ClientSampleId :

C3-01

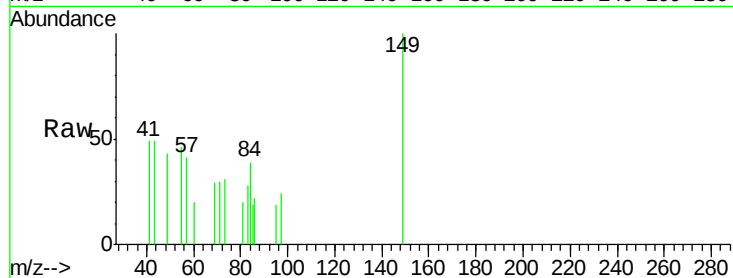
Tot Ion:149 Resp: 1531

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

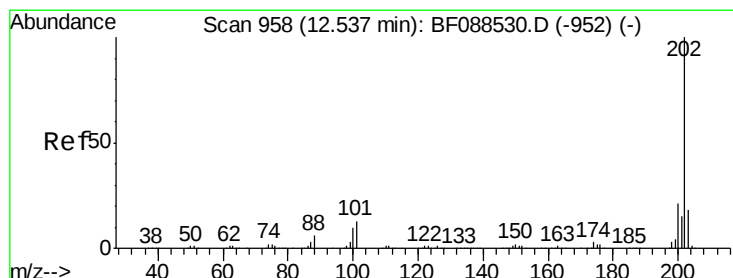
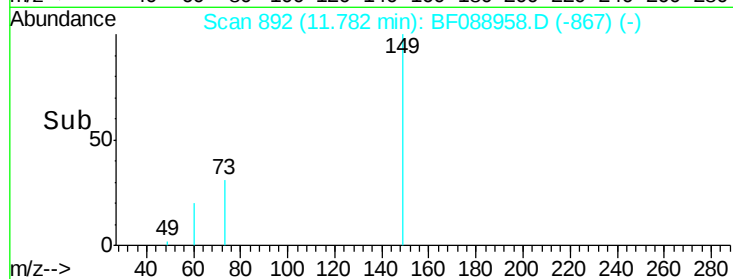
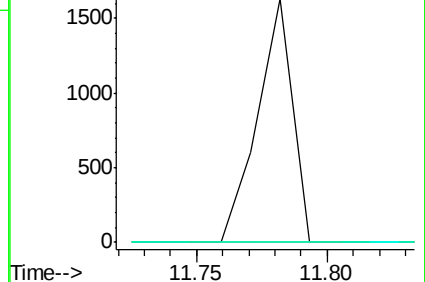
104 0.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.41 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

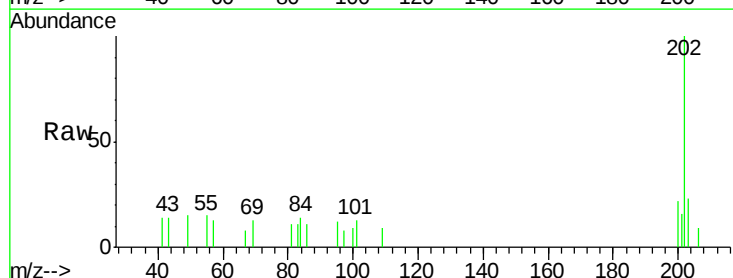
Tgt Ion:202 Resp: 3966

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.1

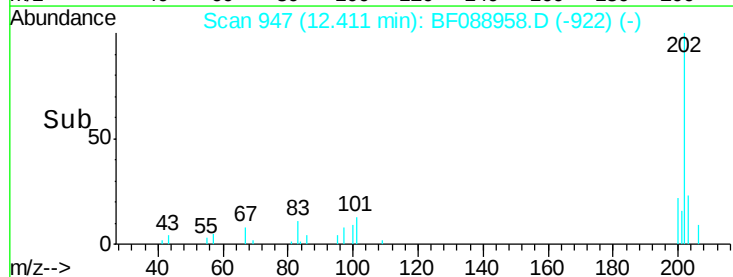
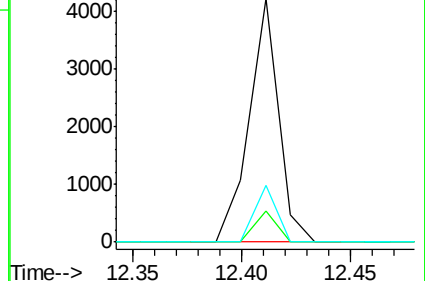
203 23.2 0.0 38.1

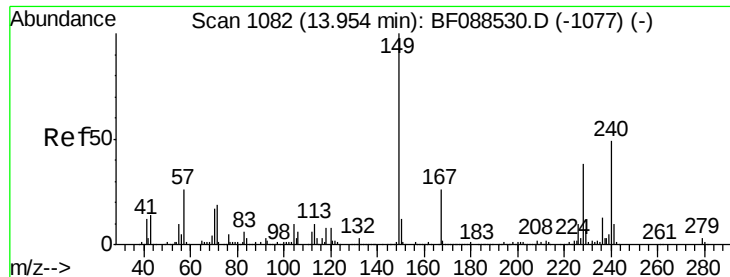


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

Instrument :

BNA_F

ClientSampleId :

C3-01

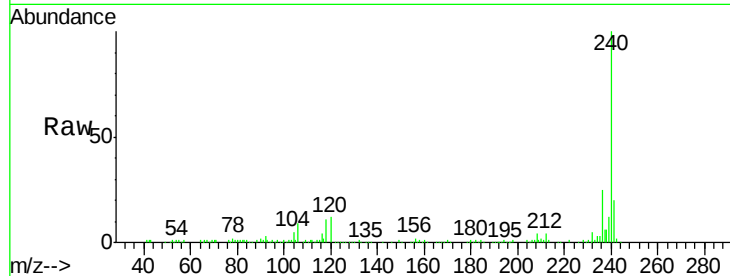
Tot Ion:240 Resp: 116010

Ion Ratio Lower Upper

240 100

120 12.3 6.8 10.2#

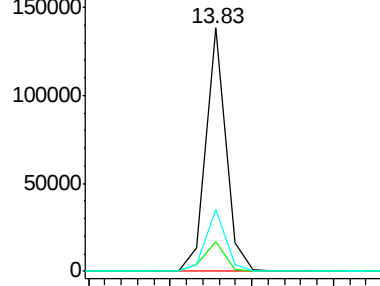
236 25.3 20.2 30.2



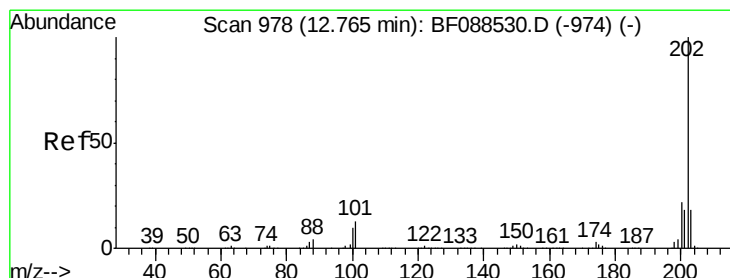
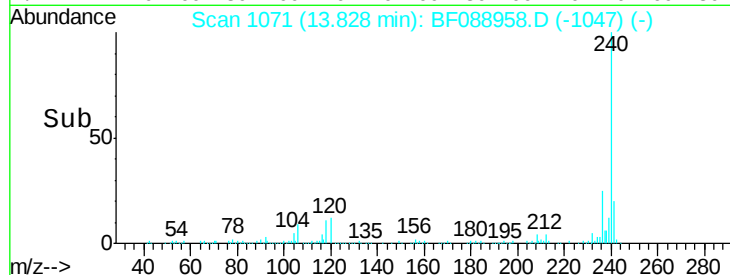
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.75 13.80 13.85 13.90



#77

Pyrene

Concen: 0.37 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

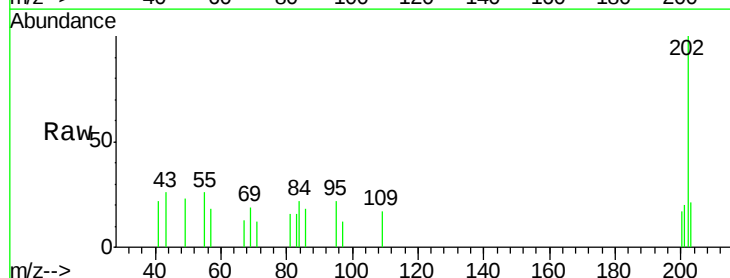
Tgt Ion:202 Resp: 3616

Ion Ratio Lower Upper

202 100

200 16.6 17.4 26.2#

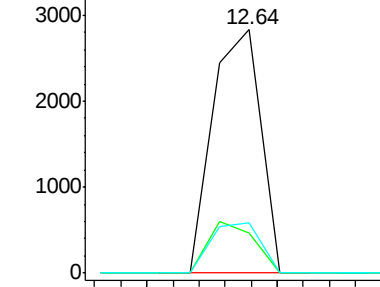
203 20.5 14.5 21.7



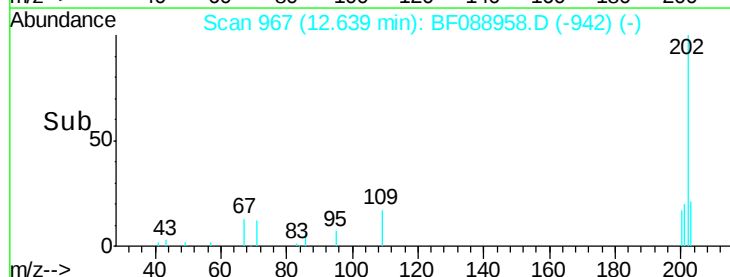
Abundance Ion 202.00 (201.70 to 202.70): E

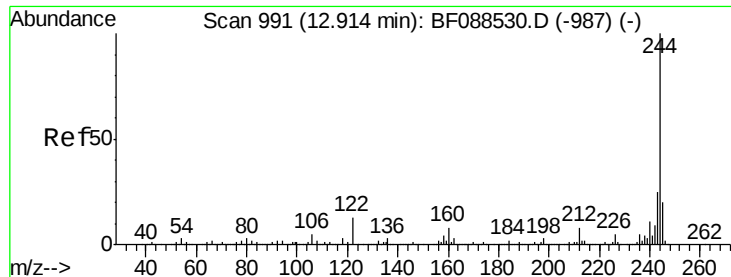
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 12.60 12.65

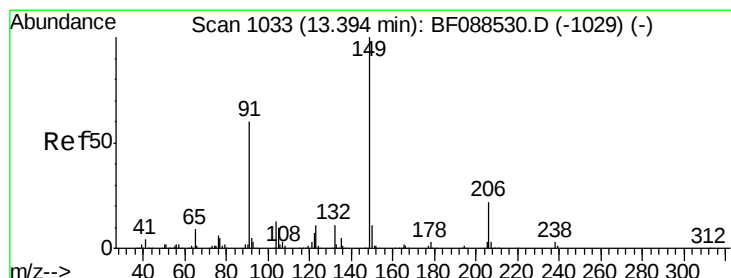
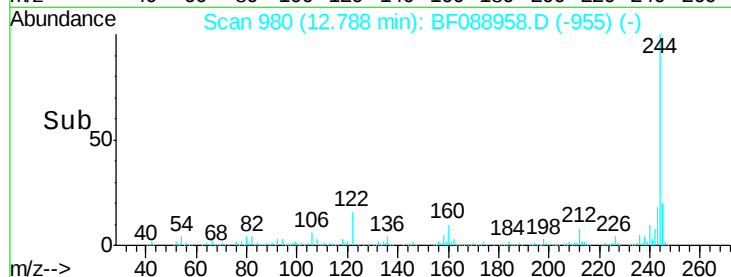
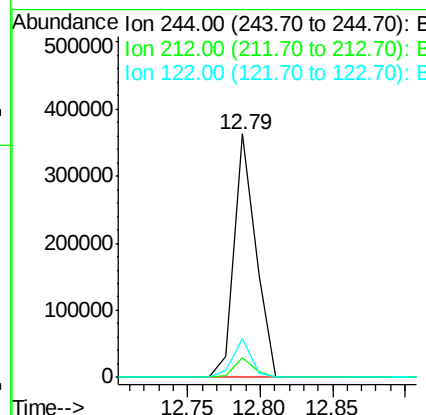
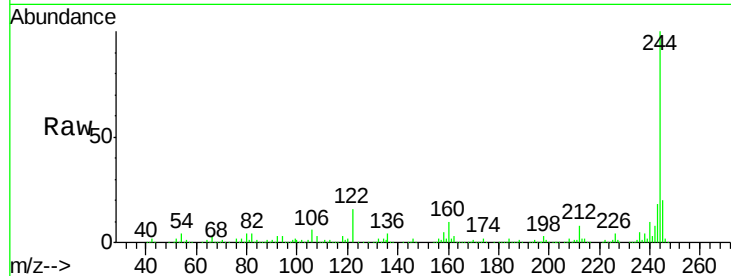




#78
 Terphenyl-d14
 Concen: 72.39 ng
 RT: 12.79 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF088958.D
 Acq: 13 Jul 2016 15:17

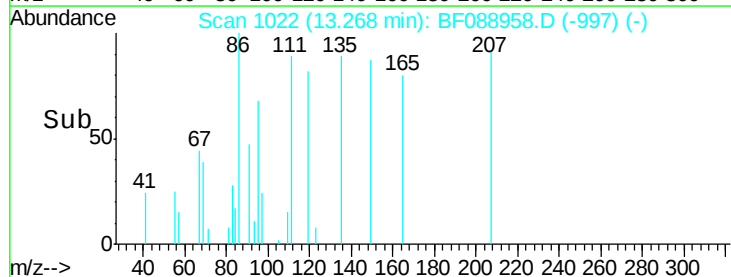
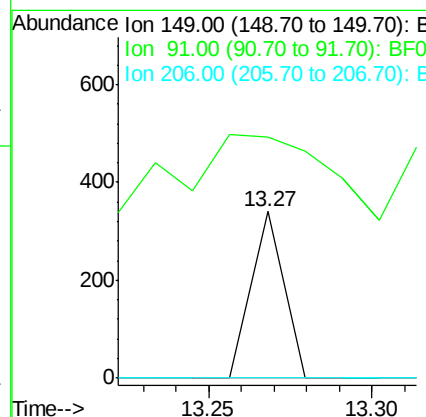
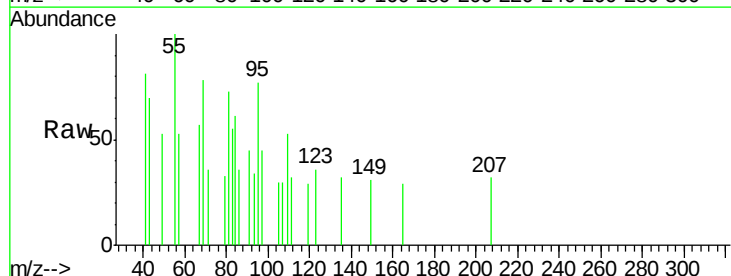
Instrument :
 BNA_F
 ClientSampleId :
 C3-01

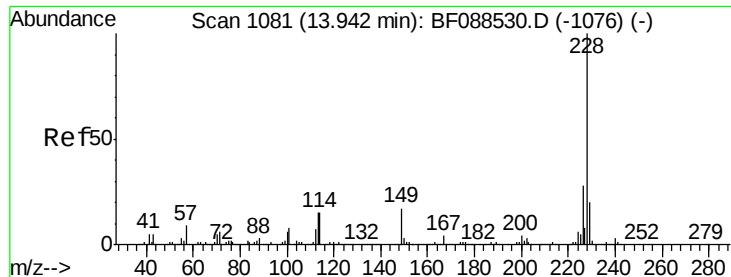
Tot Ion:244 Resp: 377063
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.0 9.0
 122 16.2 11.2 16.8



#79
 Butylbenzylphthalate
 Concen: 0.05 ng
 RT: 13.27 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF088958.D
 Acq: 13 Jul 2016 15:17

Tgt Ion:149 Resp: 233
 Ion Ratio Lower Upper
 149 100
 91 145.3 48.0 72.0#
 206 0.0 16.0 24.0#





#80

Benzo(a)anthracene

Concen: 0.80 ng

RT: 13.85 min Scan# 1073

Delta R.T. 0.01 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

Instrument :

BNA_F

ClientSampleId :

C3-01

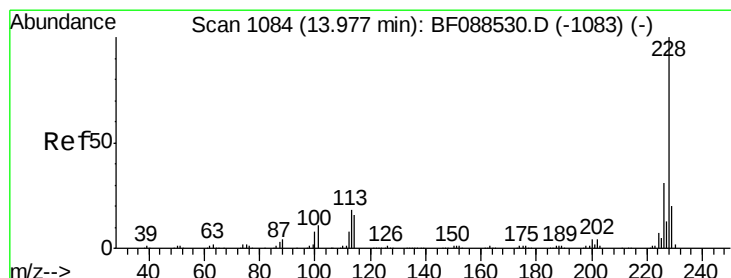
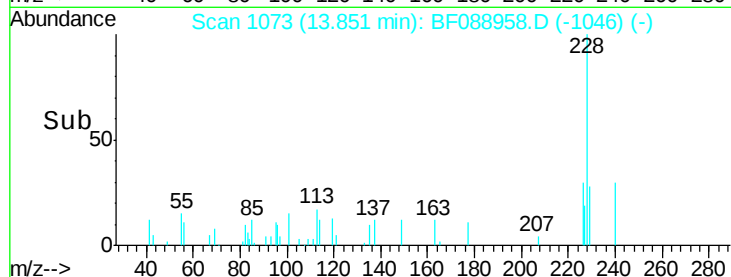
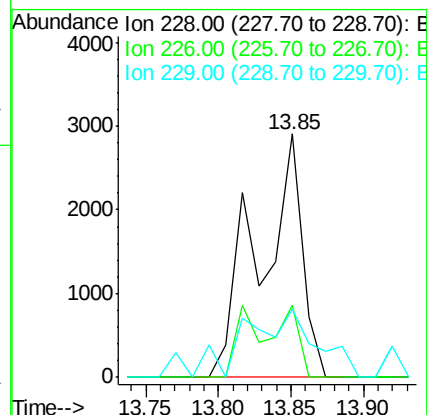
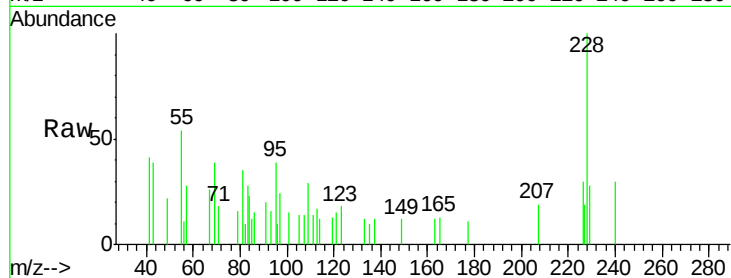
Tot Ion:228 Resp: 5951

Ion Ratio Lower Upper

228 100

226 29.8 22.3 33.5

229 28.1 16.0 24.0#



#82

Chrysene

Concen: 0.81 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

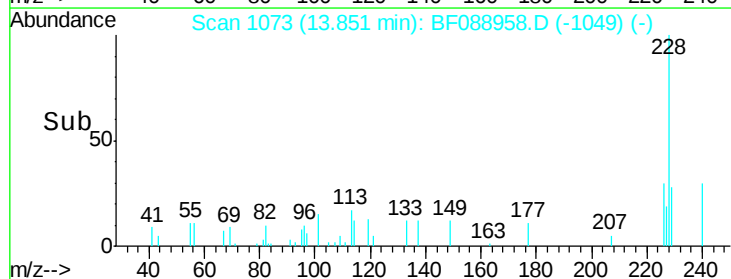
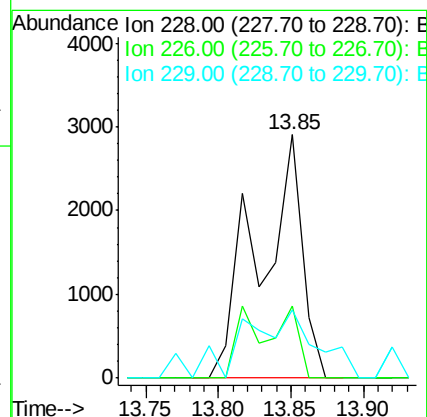
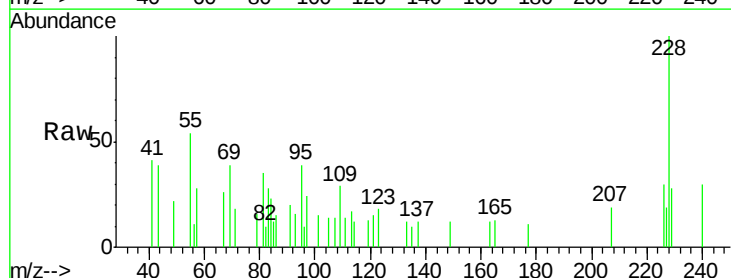
Tgt Ion:228 Resp: 5951

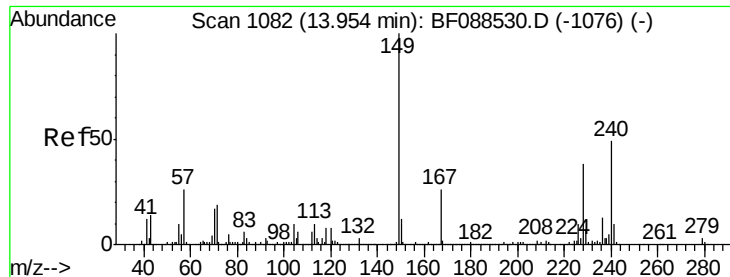
Ion Ratio Lower Upper

228 100

226 29.8 25.4 38.2

229 28.1 16.3 24.5#

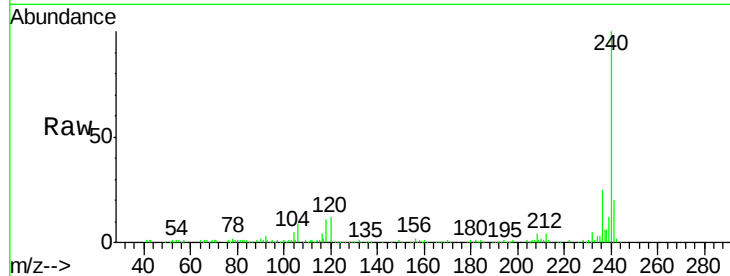




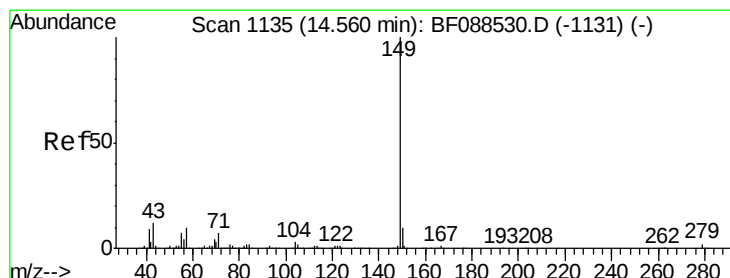
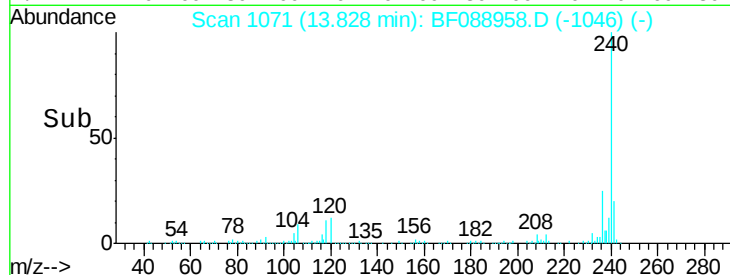
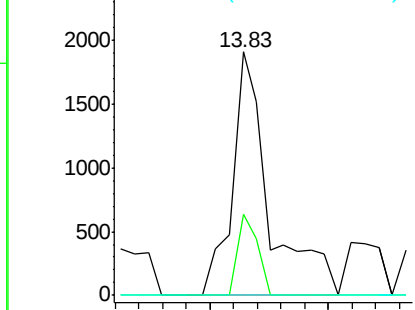
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.83 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BF088958.D
 Acq: 13 Jul 2016 15:17

Instrument :
 BNA_F
 ClientSampled :
 C3-01

Tot Ion:149 Resp: 4158
 Ion Ratio Lower Upper
 149 100
 167 33.2 20.5 30.7#
 279 0.0 2.0 3.0#

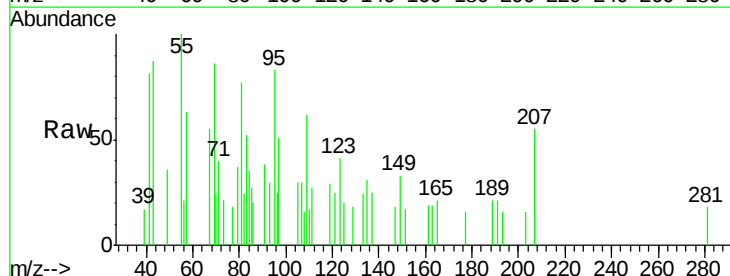


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

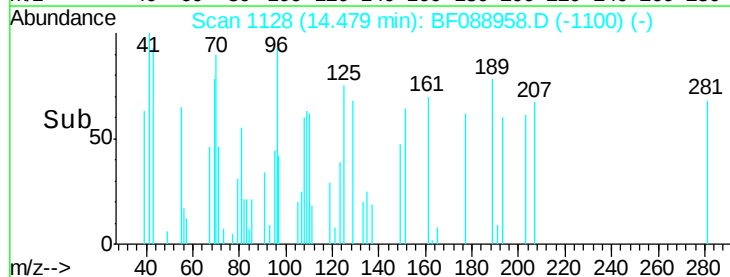
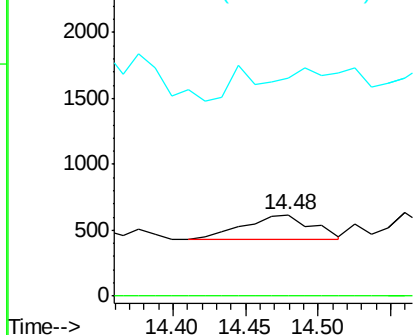


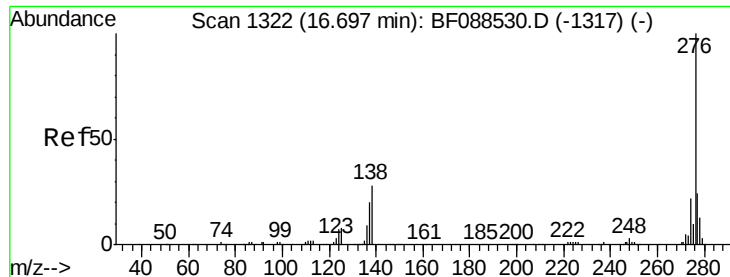
#84
 Di-n-octyl phthalate
 Concen: 0.07 ng
 RT: 14.48 min Scan# 1128
 Delta R.T. 0.02 min
 Lab File: BF088958.D
 Acq: 13 Jul 2016 15:17

Tgt Ion:149 Resp: 585
 Ion Ratio Lower Upper
 149 100
 167 0.0 0.0 0.0
 43 0.0 0.0 0.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

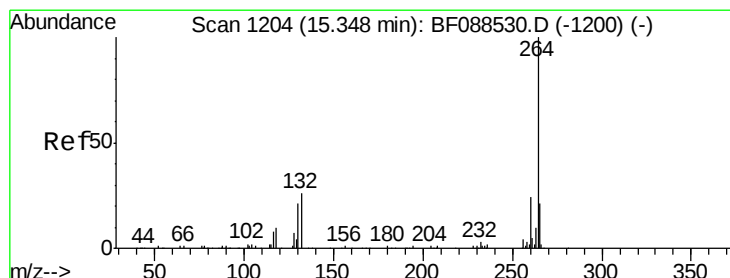
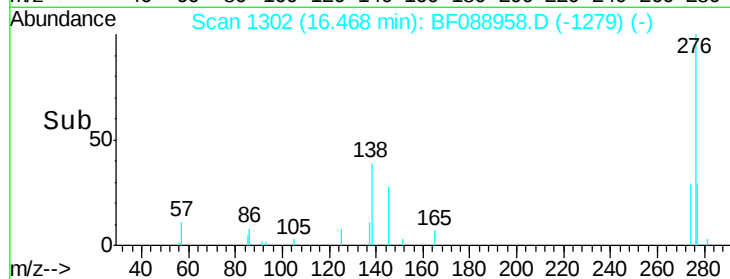
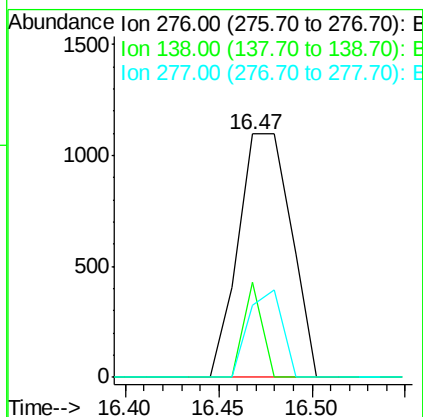
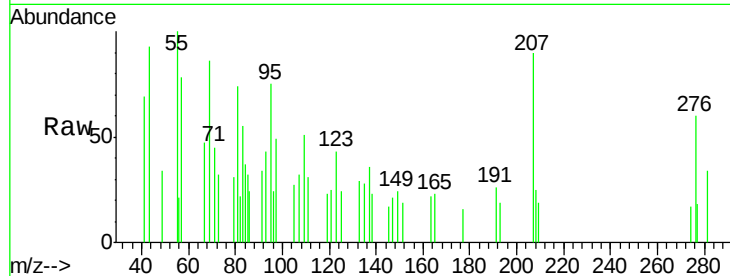




#85
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng
RT: 16.47 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BF088958.D
Acq: 13 Jul 2016 15:17

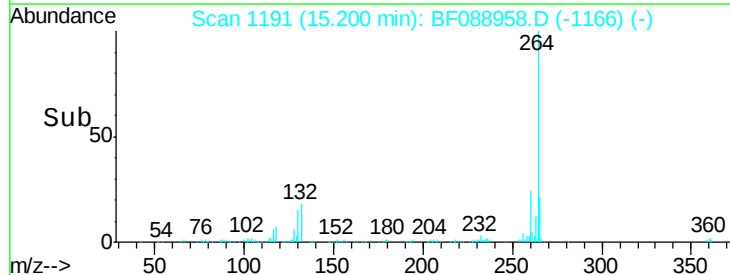
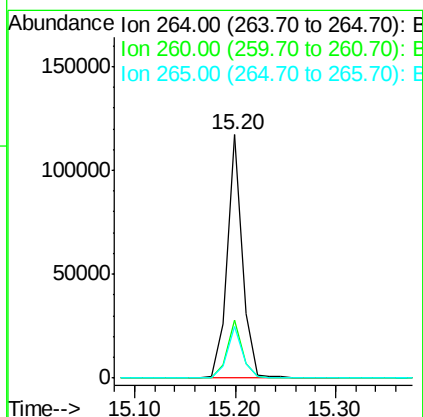
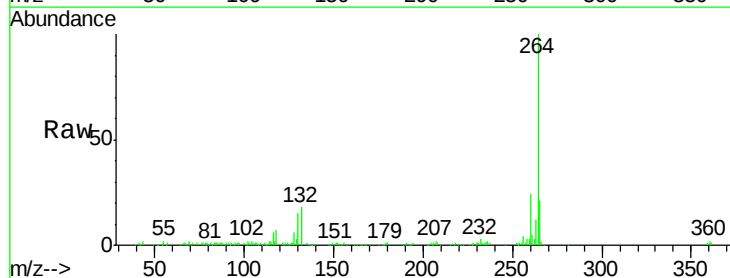
Instrument :
BNA_F
ClientSampled :
C3-01

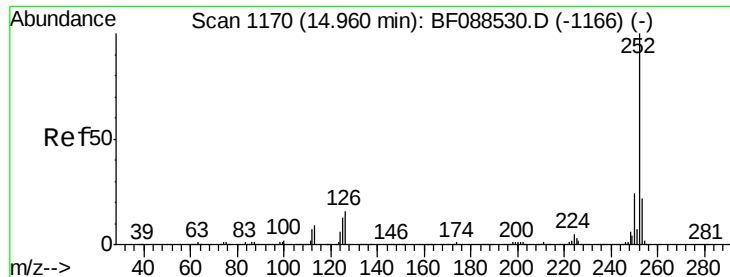
Tot Ion:276 Resp: 2165
Ion Ratio Lower Upper
276 100
138 13.5 0.0 0.0#
277 22.7 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF088958.D
Acq: 13 Jul 2016 15:17

Tgt Ion:264 Resp: 122726
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.3 16.9 25.3

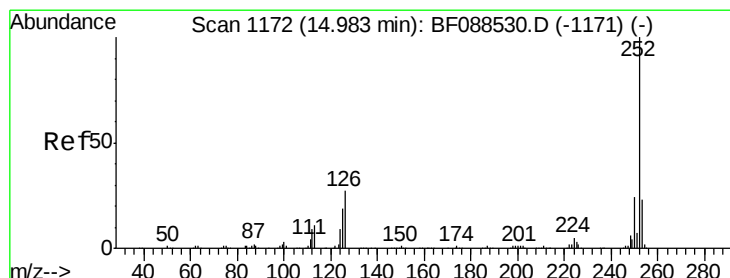
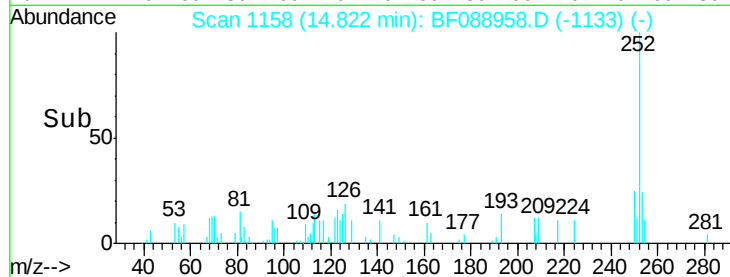
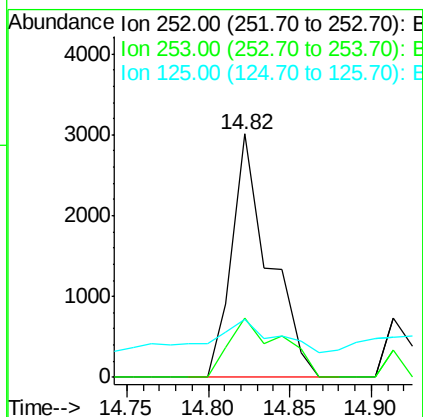
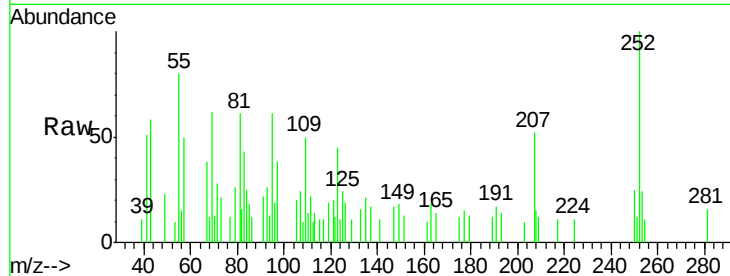




#87
Benzo(b)fluoranthene
Concen: 0.62 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF088958.D
Acq: 13 Jul 2016 15:17

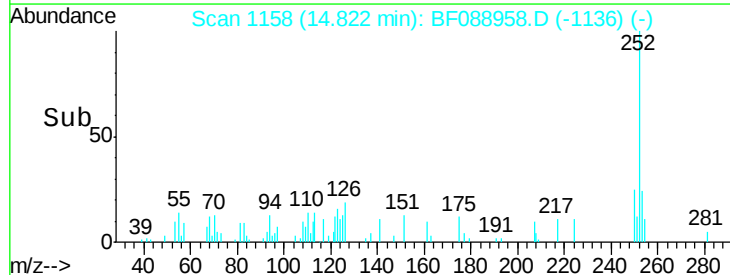
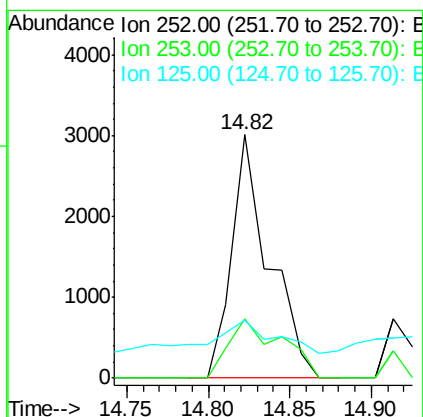
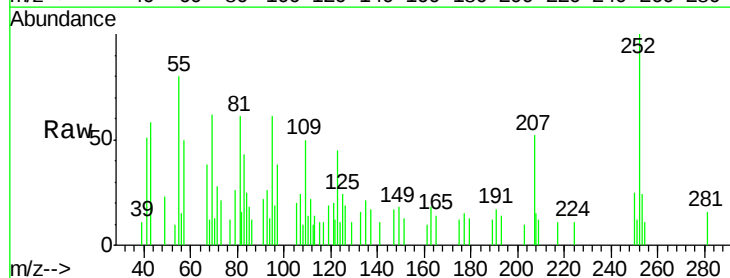
Instrument :
BNA_F
ClientSampleId :
C3-01

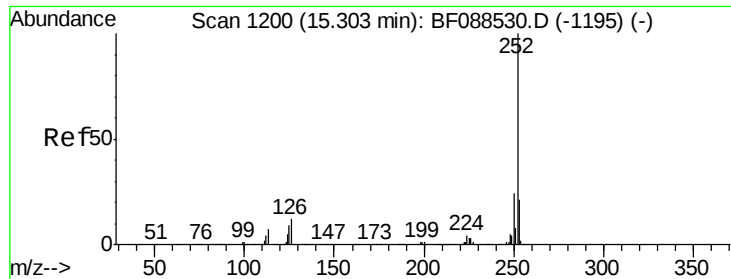
Tot Ion:252 Resp: 4741
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.2
125 23.9 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 0.71 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.05 min
Lab File: BF088958.D
Acq: 13 Jul 2016 15:17

Tgt Ion:252 Resp: 4741
Ion Ratio Lower Upper
252 100
253 24.1 18.0 27.0
125 23.9 11.2 16.8#

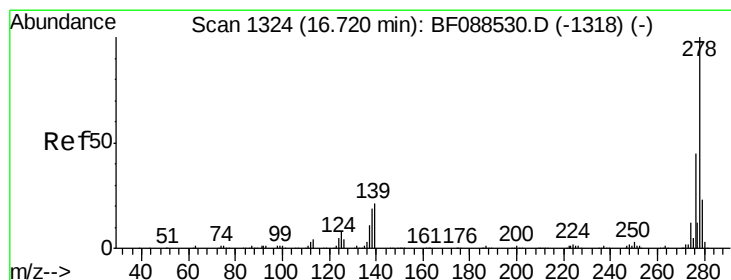
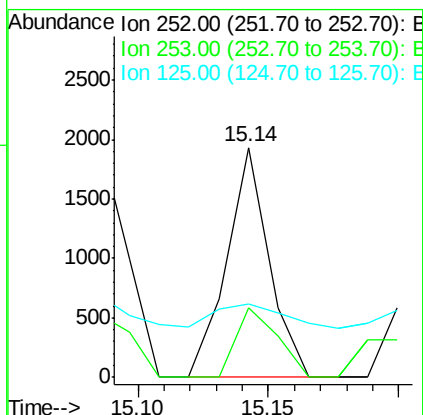
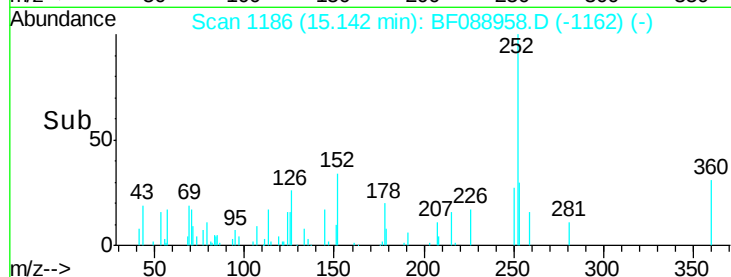
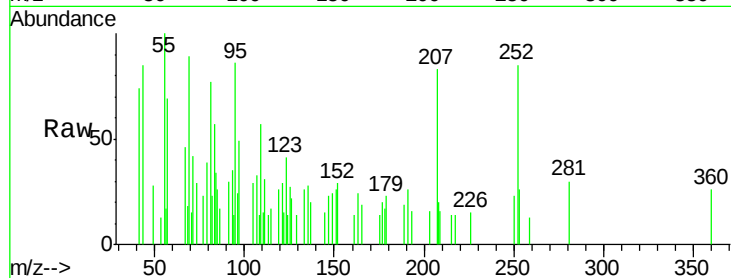




#89
Benzo(a)pyrene
Concen: 0.34 ng
RT: 15.14 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF088958.D
Acq: 13 Jul 2016 15:17

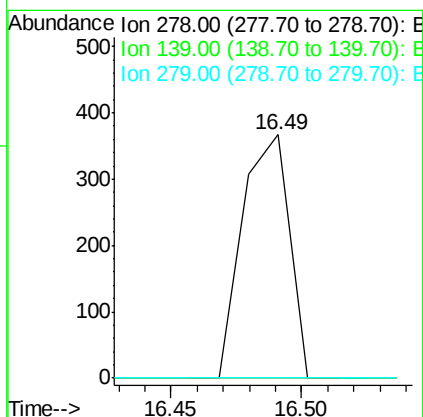
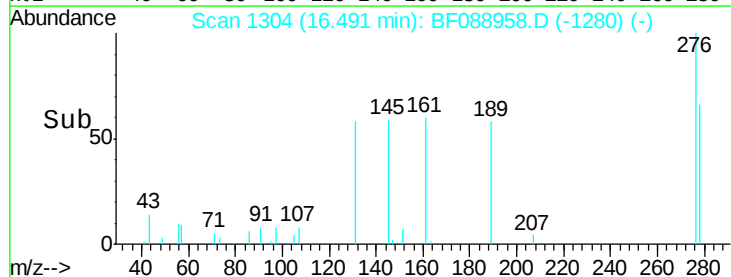
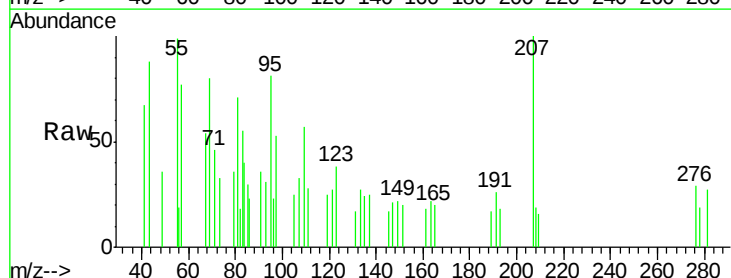
Instrument :
BNA_F
ClientSampleId :
C3-01

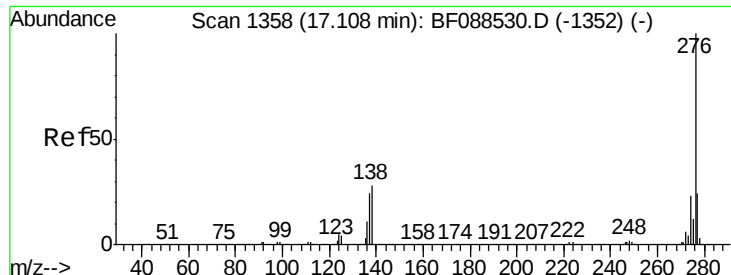
Tot Ion:252 Resp: 2185
Ion Ratio Lower Upper
252 100
253 30.1 17.9 26.9#
125 32.1 12.5 18.7#



#90
Dibenzo(a,h)anthracene
Concen: 0.09 ng
RT: 16.49 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BF088958.D
Acq: 13 Jul 2016 15:17

Tgt Ion:278 Resp: 463
Ion Ratio Lower Upper
278 100
139 0.0 15.7 23.5#
279 0.0 19.4 29.2#





#91

Benzo(a,h,i)perylene

Concen: 0.40 ng

RT: 16.86 min Scan# 1336

Delta R.T. -0.03 min

Lab File: BF088958.D

Acq: 13 Jul 2016 15:17

Instrument :

BNA_F

ClientSampleId :

C3-01

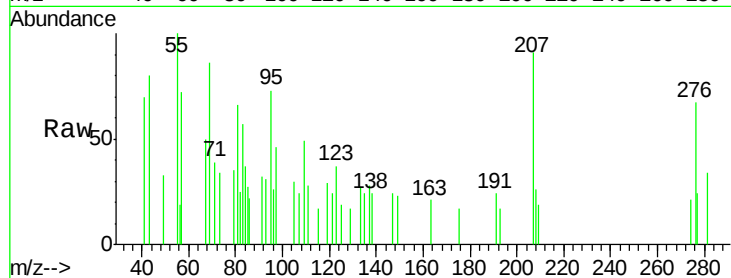
Tot Ion: 276 Resp: 2261

Ion Ratio Lower Upper

276 100

277 35.8 18.9 28.3#

138 35.5 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

