

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
 Data File : BF088936.D
 Acq On : 12 Jul 2016 23:27
 Operator : UM/SJ
 Sample : H3935-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C3-03

Quant Time: Jul 13 02:19:03 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	61851	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	230325	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	93695	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	141337	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	129462	20.00	ng	-0.01
86) Perylene-d12	15.21	264	113544	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	362220	87.77	ng	0.01
7) Phenol-d6	6.35	99	447196	83.86	ng	0.00
23) Nitrobenzene-d5	7.27	82	328154	74.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	70850	81.43	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	560978	94.57	ng	0.00
78) Terphenyl-d14	12.80	244	312103	53.70	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.36	93	235	0.03	ng	# 1
9) Benzaldehyde	6.24	77	692	0.19	ng	# 73
10) Phenol	6.36	94	8432	1.39	ng	# 59
11) bis(2-Chloroethyl)ether	6.48	93	698	0.15	ng	# 1
15) Benzyl Alcohol	6.86	79	6227	1.59	ng	# 50
17) 2-Methylphenol	6.86	107	430	0.12	ng	# 1
19) n-Nitroso-di-n-propylamine	7.27	70	43325	12.10	ng	# 74
22) Acetophenone	7.11	105	735	0.13	ng	# 57
24) Nitrobenzene	7.27	77	879	0.20	ng	# 24
25) Isophorone	7.27	82	282504	34.70	ng	# 65
31) Naphthalene	8.01	128	5315	0.47	ng	# 99
33) 4-Chloroaniline	8.01	127	607	0.12	ng	# 32
35) Caprolactam	8.43	113	361	0.35	ng	# 83
37) 2-Methylnaphthalene	8.71	142	3771	0.52	ng	# 92
45) 1,1'-Biphenyl	9.16	154	736	0.09	ng	# 43
47) 2-Nitroaniline	9.46	65	1093	0.51	ng	# 1
48) Acenaphthylene	9.60	152	5254	0.54	ng	# 94
49) Dimethylphthalate	9.46	163	100503	15.06	ng	# 99
50) 2,6-Dinitrotoluene	9.46	165	1031	0.70	ng	# 1
51) Acenaphthene	9.77	154	1171	0.20	ng	# 96
54) Dibenzofuran	9.94	168	2009	0.26	ng	# 71
55) 4-Nitrophenol	9.94	139	894	0.63	ng	# 5
56) 2,4-Dinitrotoluene	9.74	165	12979	6.71	ng	# 36
57) Fluorene	10.28	166	684	0.11	ng	# 71
59) Diethylphthalate	10.16	149	298	0.04	ng	# 60
62) Azobenzene	10.44	77	210	0.03	ng	# 1
65) n-Nitrosodiphenylamine	10.40	169	1140	0.24	ng	# 24
66) 4-Bromophenyl-phenylether	10.52	248	4783	3.36	ng	# 1
70) Phenanthrene	11.23	178	13615	1.76	ng	# 97
71) Anthracene	11.29	178	6467	0.84	ng	# 98
72) Carbazole	11.45	167	2069	0.29	ng	# 91
73) Di-n-butylphthalate	11.79	149	1911	0.23	ng	# 77
74) Fluoranthene	12.42	202	32221	4.11	ng	# 96
77) Pyrene	12.64	202	31888	2.90	ng	# 97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
 Data File : BF088936.D
 Acq On : 12 Jul 2016 23:27
 Operator : UM/SJ
 Sample : H3935-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C3-03

Quant Time: Jul 13 02:19:03 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

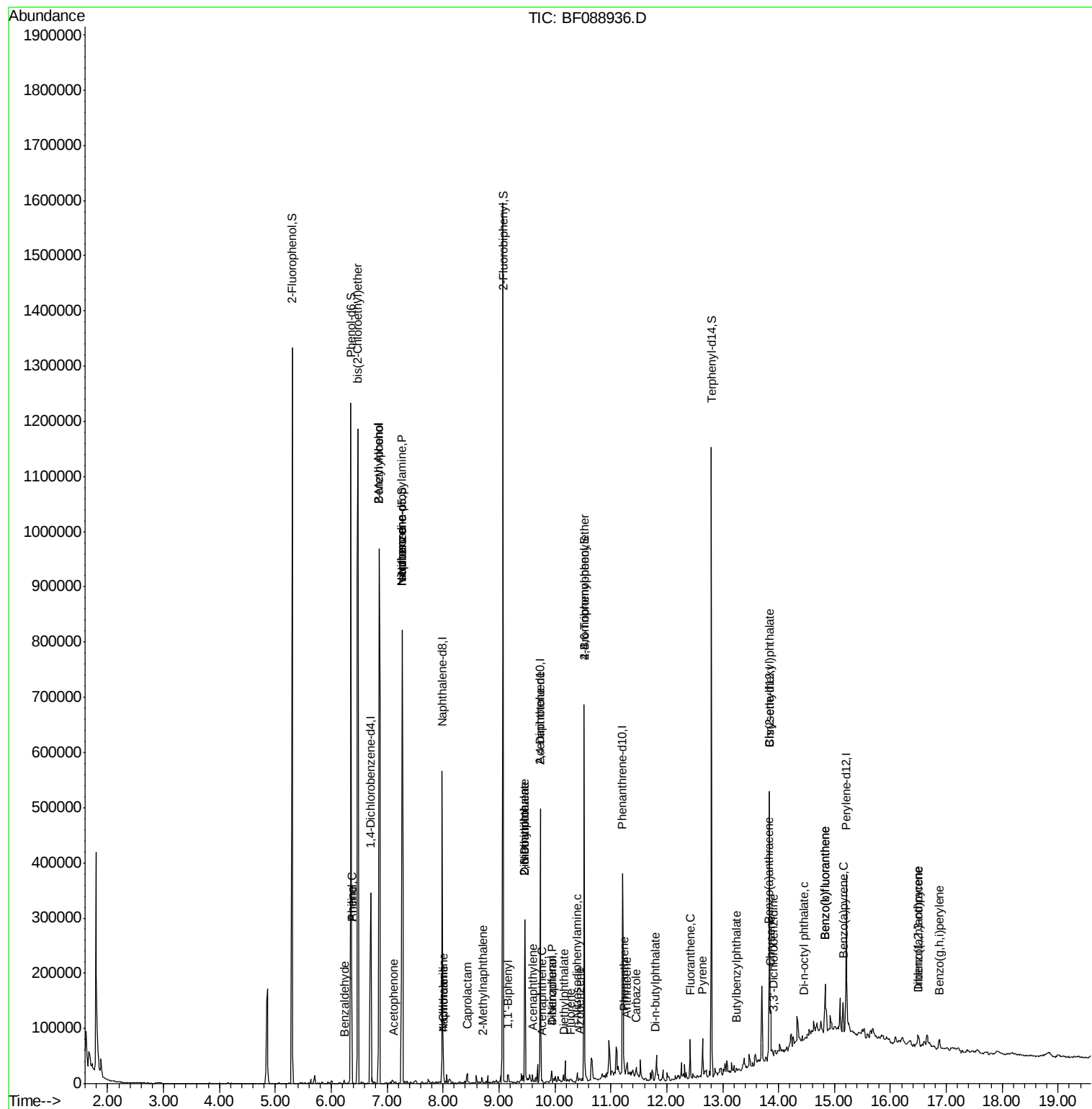
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Butylbenzylphthalate	13.25	149	684	0.14	ng	# 8
80) Benzo(a)anthracene	13.83	228	25221	3.03	ng	92
81) 3,3'-Dichlorobenzidine	13.91	252	418	0.13	ng	# 1
82) Chrysene	13.86	228	33936	4.11	ng	97
83) Bis(2-ethylhexyl)phthalate	13.84	149	6137	1.10	ng	# 96
84) Di-n-octyl phthalate	14.46	149	1090	0.11	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.49	276	13451	2.12	ng	# 100
87) Benzo(b)fluoranthene	14.83	252	50933	7.15	ng	# 96
88) Benzo(k)fluoranthene	14.83	252	50930	8.21	ng	99
89) Benzo(a)pyrene	15.15	252	21035	3.49	ng	98
90) Dibenzo(a,h)anthracene	16.50	278	5835	1.16	ng	# 80
91) Benzo(g,h,i)perylene	16.88	276	14206	2.73	ng	97

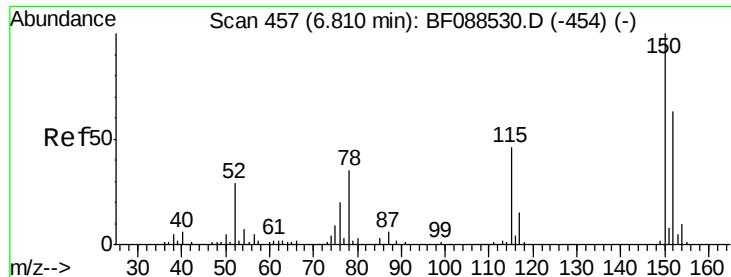
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
Data File : BF088936.D
Acq On : 12 Jul 2016 23:27
Operator : UM/SJ
Sample : H3935-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C3-03

Quant Time: Jul 13 02:19:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

Instrument :

BNA_F

ClientSampleId :

C3-03

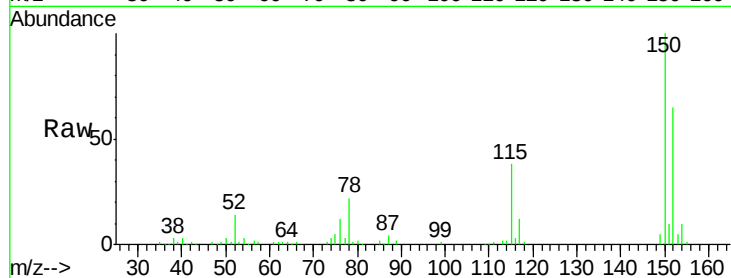
Tgt Ion:152 Resp: 61851

Ion Ratio Lower Upper

152 100

150 154.2 123.8 185.6

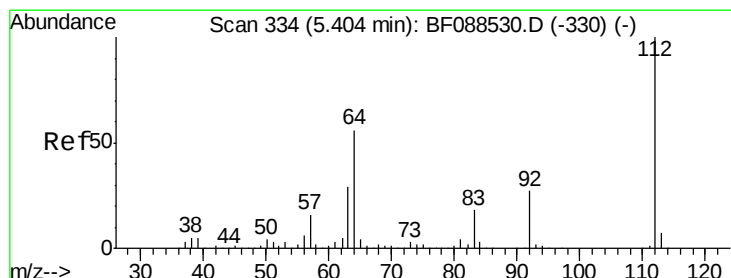
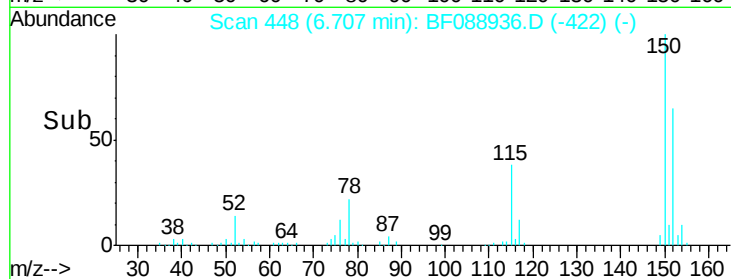
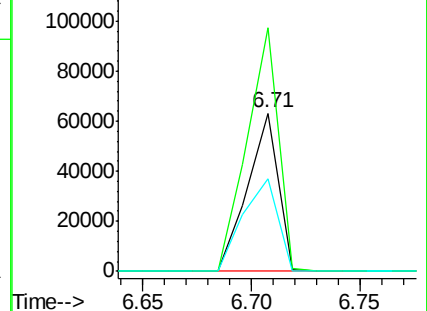
115 58.4 39.6 59.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 87.77 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

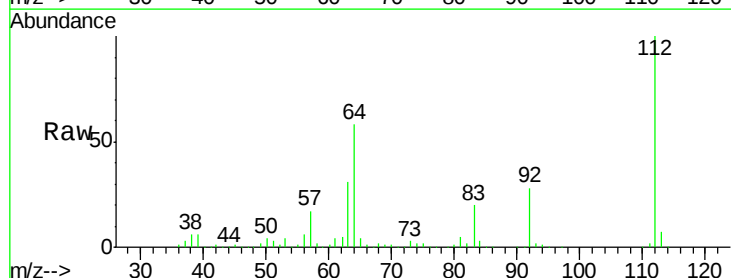
Tgt Ion:112 Resp: 362220

Ion Ratio Lower Upper

112 100

64 57.9 42.2 63.2

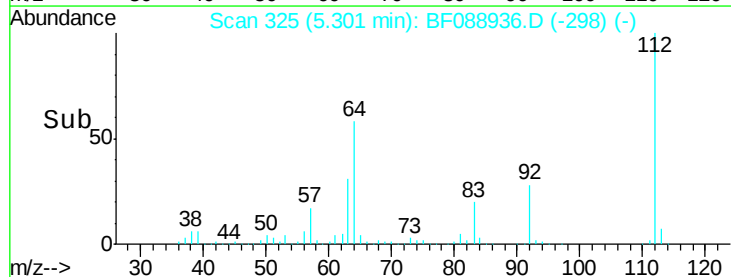
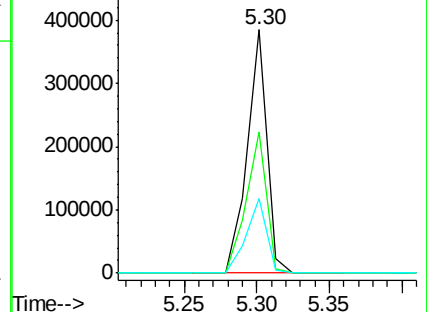
63 30.7 21.8 32.8

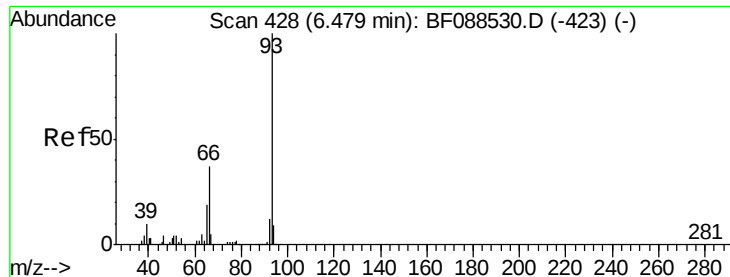


Abundance Ion 112.00 (111.70 to 112.70): E

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: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

Instrument :

BNA_F

ClientSampled :

C3-03

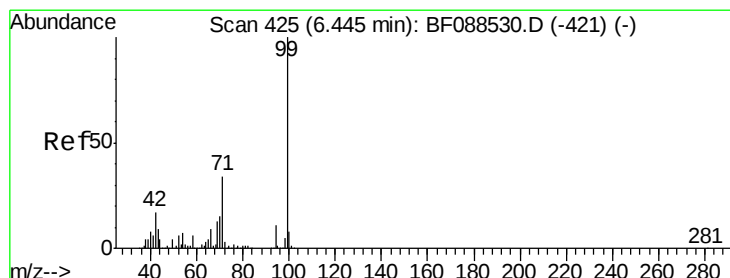
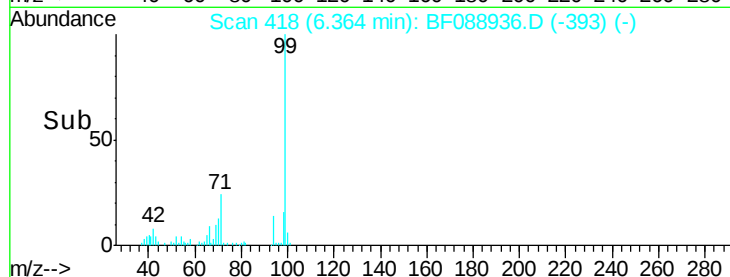
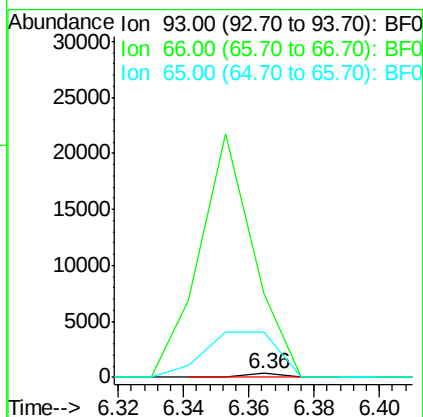
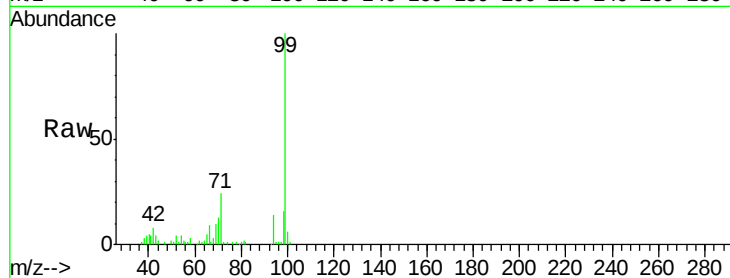
Tgt Ion: 93 Resp: 235

Ion Ratio Lower Upper

93 100

66 2170.8 29.8 44.8#

65 1163.6 14.9 22.3#



#7

Phenol-d6

Concen: 83.86 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

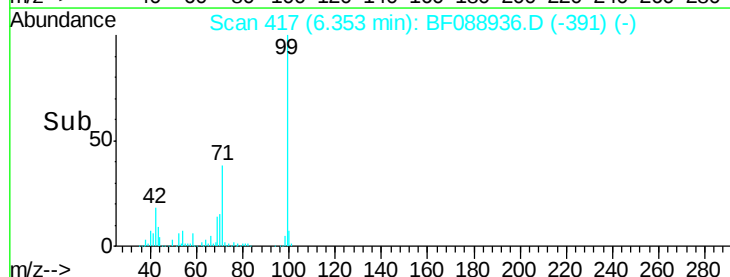
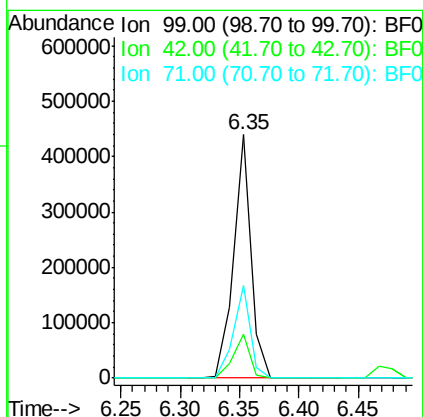
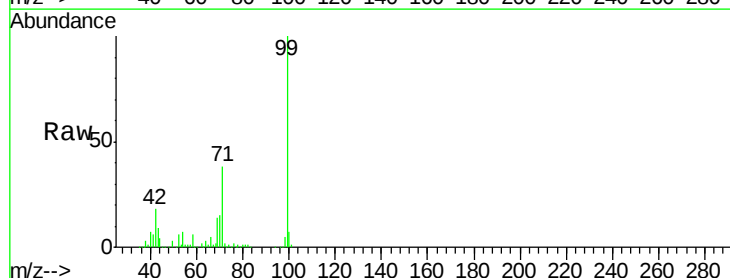
Tgt Ion: 99 Resp: 447196

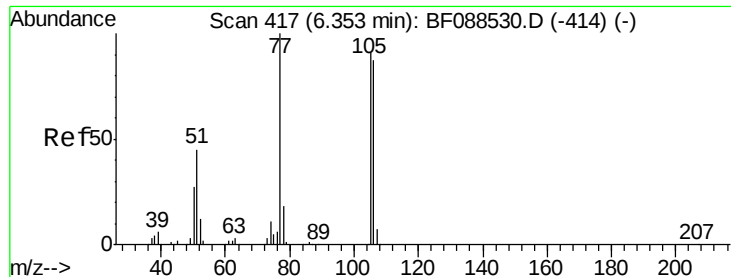
Ion Ratio Lower Upper

99 100

42 18.2 12.2 18.2

71 38.1 23.4 35.0#





#9

Benzaldehyde

Concen: 0.19 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

Instrument :

BNA_F

ClientSampleId :

C3-03

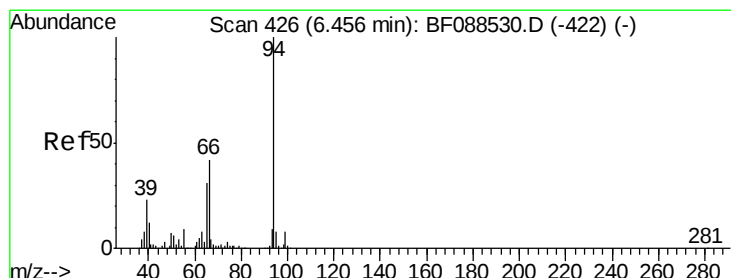
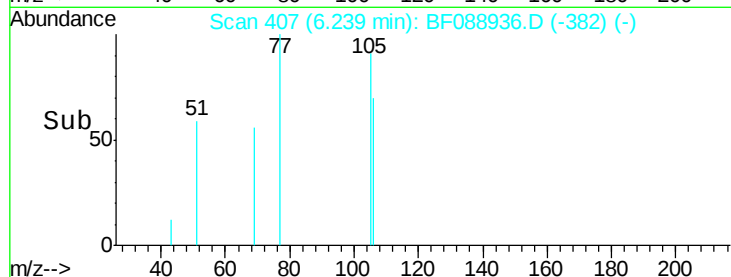
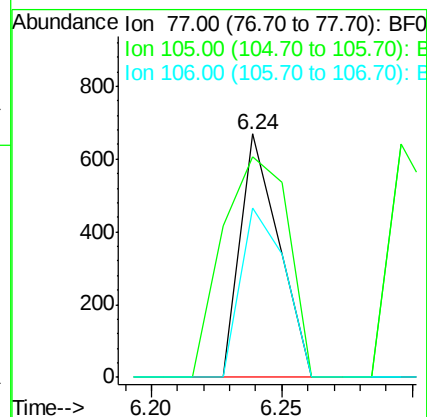
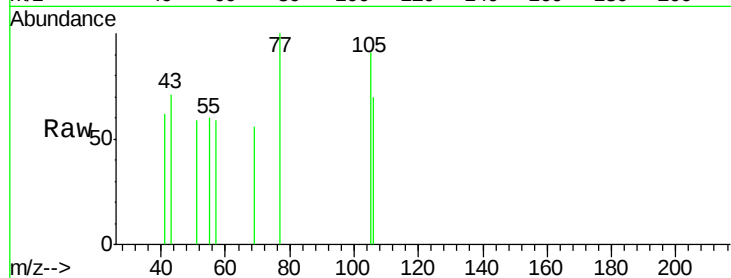
Tgt Ion: 77 Resp: 692

Ion Ratio Lower Upper

77 100

105 90.7 90.6 130.6

106 69.5 85.3 125.3#



#10

Phenol

Concen: 1.39 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

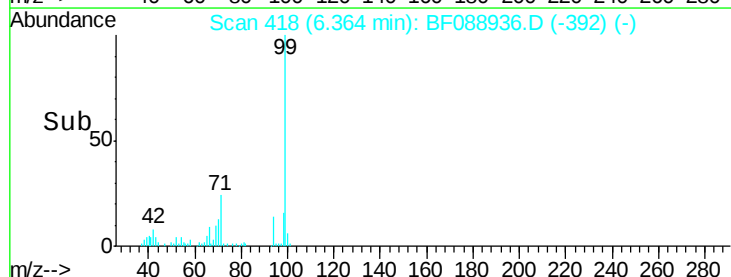
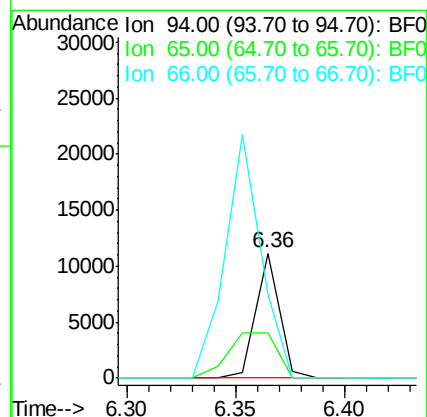
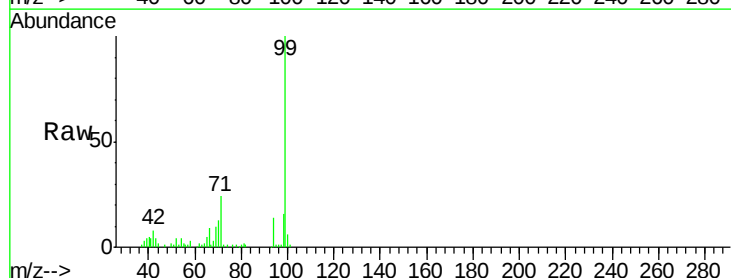
Tgt Ion: 94 Resp: 8432

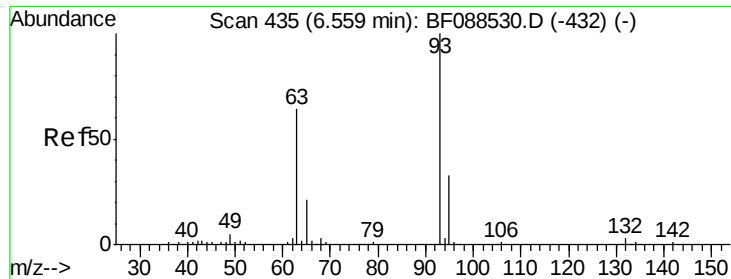
Ion Ratio Lower Upper

94 100

65 35.7 5.9 45.9

66 66.7 14.0 54.0#

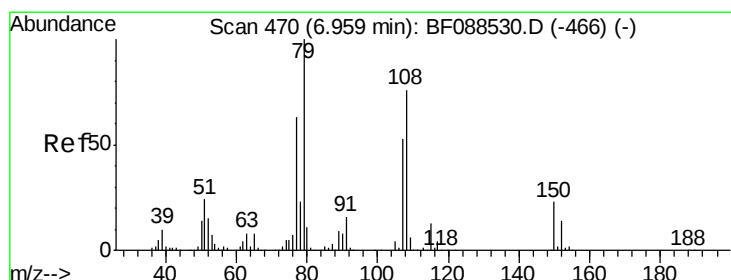
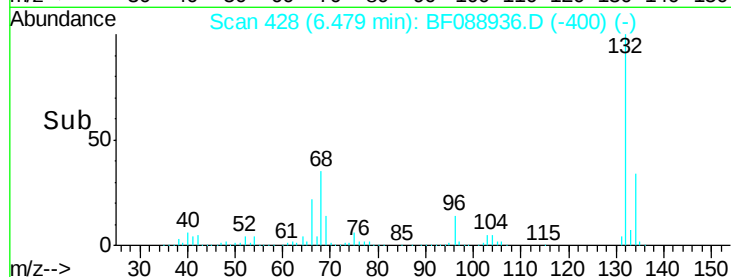
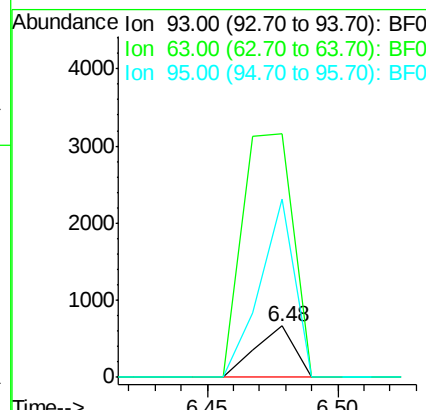
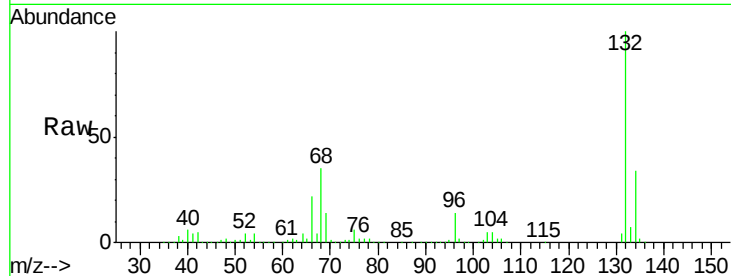




#11
bis(2-Chloroethyl)ether
Concen: 0.15 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.02 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

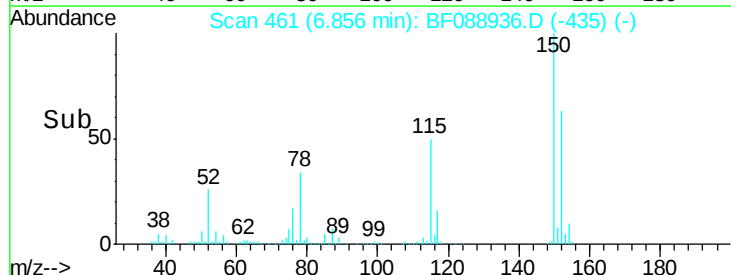
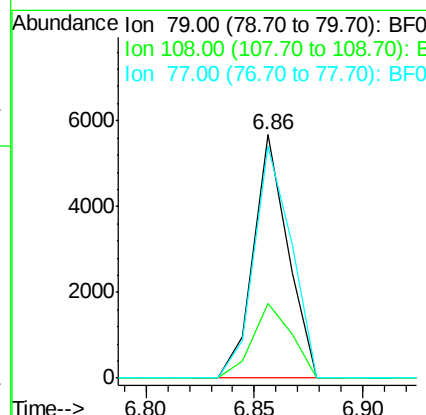
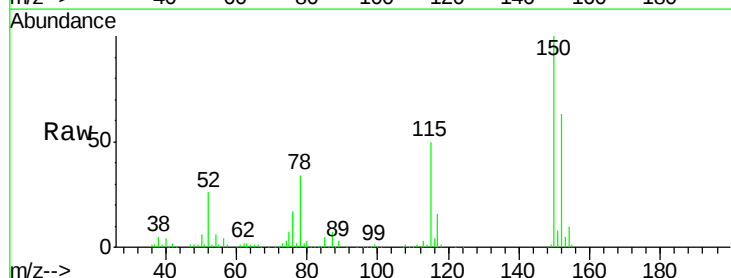
Instrument :
BNA_F
ClientSampleId :
C3-03

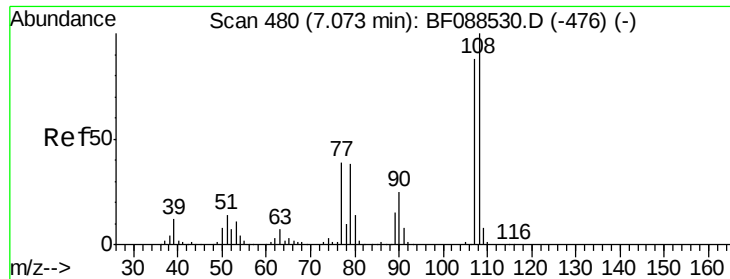
Tgt Ion: 93 Resp: 698
Ion Ratio Lower Upper
93 100
63 476.9 67.6 107.6#
95 350.3 12.5 52.5#



#15
Benzyl Alcohol
Concen: 1.59 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion: 79 Resp: 6227
Ion Ratio Lower Upper
79 100
108 30.6 65.0 97.6#
77 95.4 50.3 75.5#

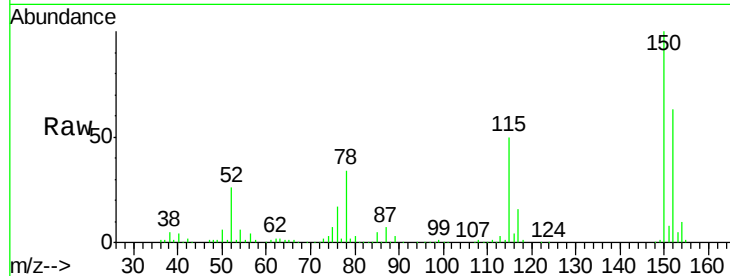




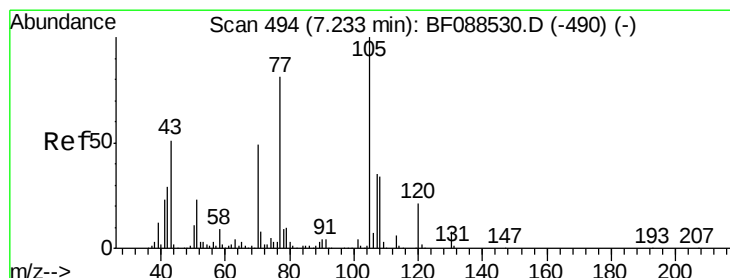
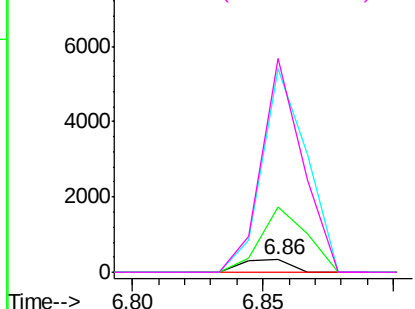
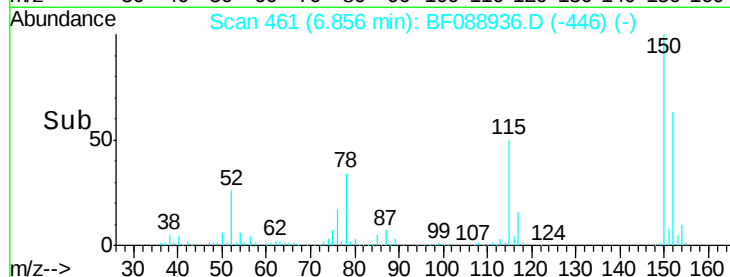
#17
2-Methylphenol
Concen: 0.12 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.13 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampled :
C3-03

Tgt Ion: 107 Resp: 430
Ion Ratio Lower Upper
107 100
108 532.1 90.9 136.3#
77 1656.6 36.6 55.0#
79 1736.1 36.5 54.7#

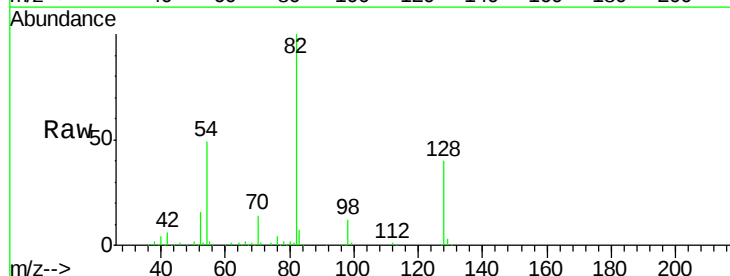


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

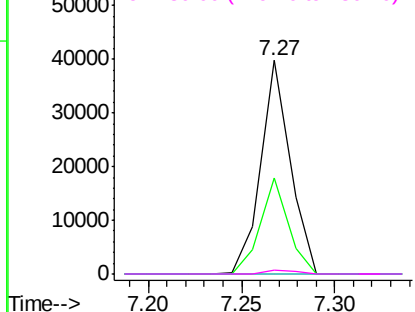
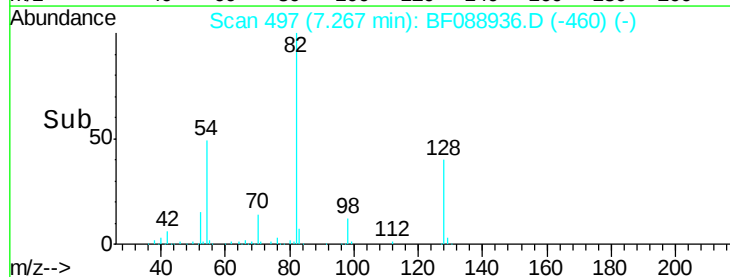


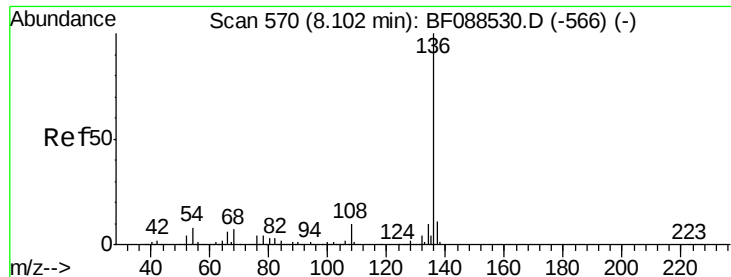
#19
n-Nitroso-di-n-propylamine
Concen: 12.10 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.13 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion: 70 Resp: 43325
Ion Ratio Lower Upper
70 100
42 44.9 49.6 74.4#
101 0.0 7.1 10.7#
130 1.9 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: BF088936.D

Acq: 12 Jul 2016 23:27

Instrument :

BNA_F

ClientSampleId :

C3-03

Tgt Ion:136 Resp: 230325

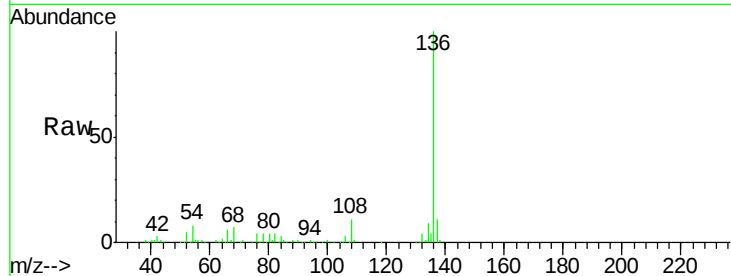
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 8.1 6.6 10.0

68 6.7 5.1 7.7

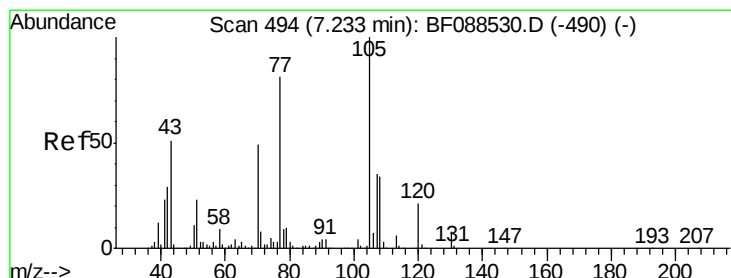
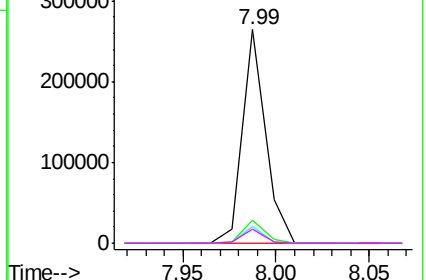
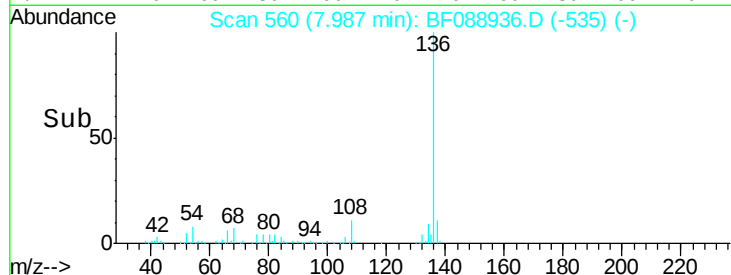


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 0.13 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

Tgt Ion:105 Resp: 735

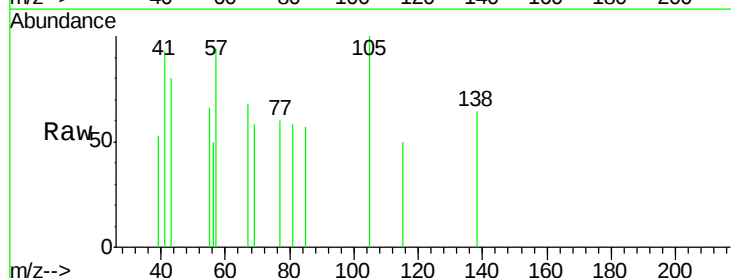
Ion Ratio Lower Upper

105 100

71 0.0 5.3 7.9#

51 0.0 18.2 27.4#

120 0.0 18.0 27.0#

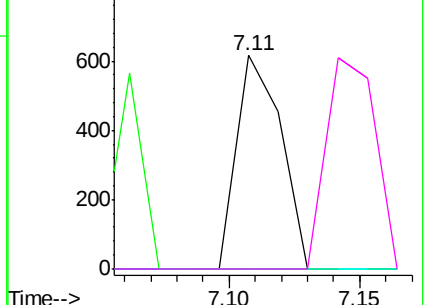
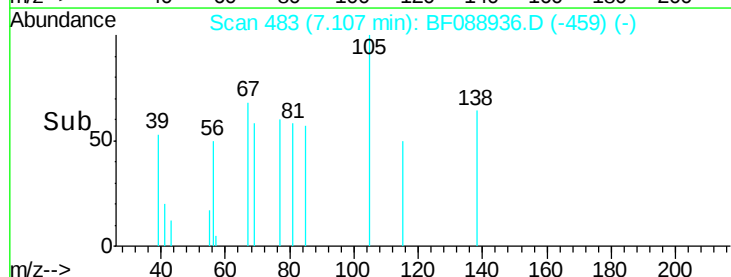


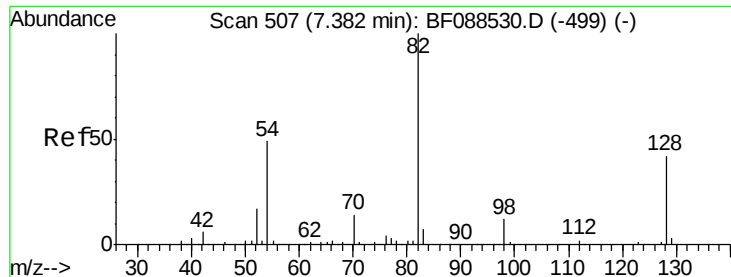
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

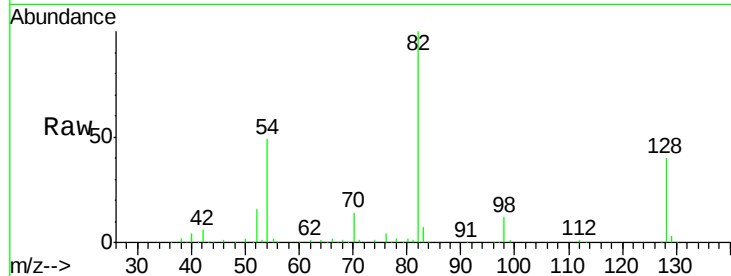




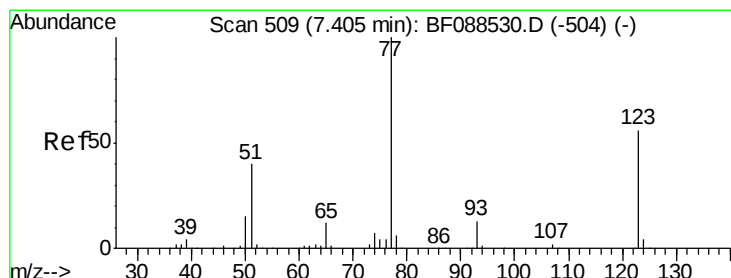
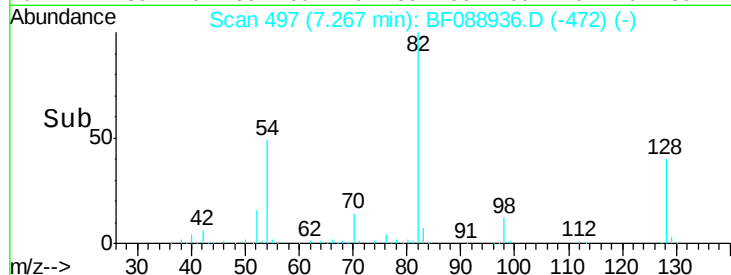
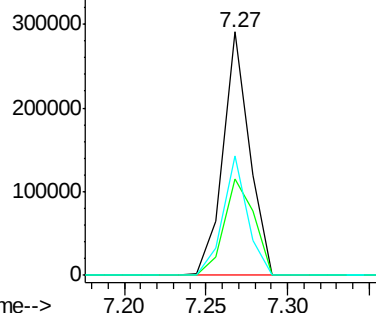
#23
 Nitrobenzene-d5
 Concen: 74.66 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF088936.D
 Acq: 12 Jul 2016 23:27

Instrument :
 BNA_F
 ClientSampled :
 C3-03

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.7	35.9	53.9
54	49.0	40.9	61.3

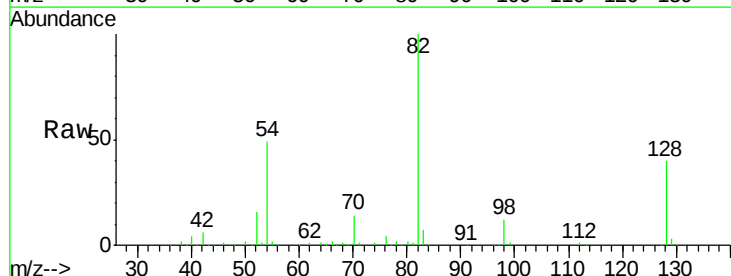


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

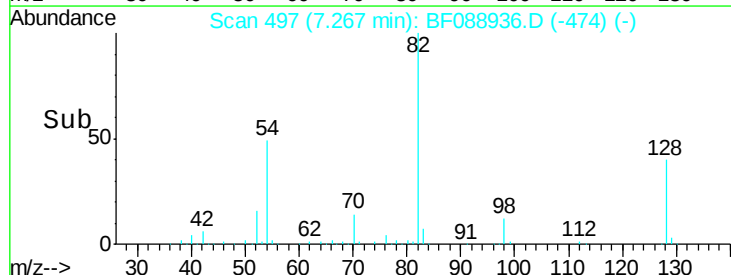
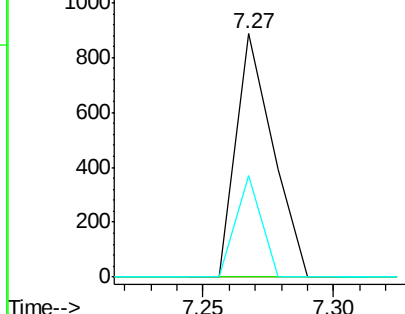


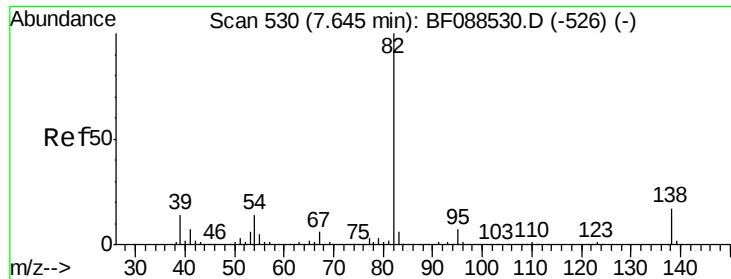
#24
 Nitrobenzene
 Concen: 0.20 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.03 min
 Lab File: BF088936.D
 Acq: 12 Jul 2016 23:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	45.0	67.4#
65	41.4	10.2	15.2#



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





#25

Isophorone

Concen: 34.70 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.27 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

Instrument :

BNA_F

ClientSampled :

C3-03

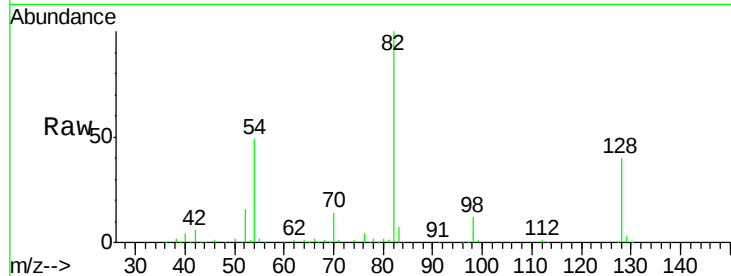
Tgt Ion: 82 Resp: 282504

Ion Ratio Lower Upper

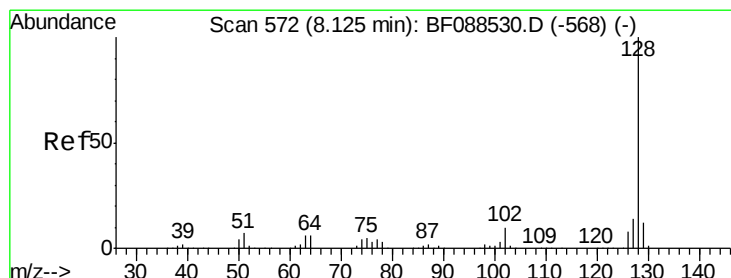
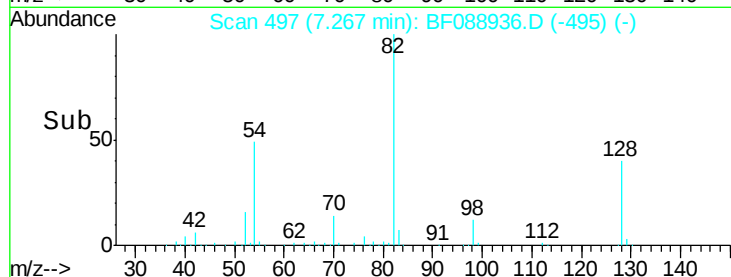
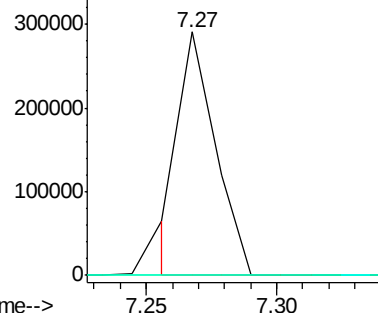
82 100

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



#31

Naphthalene

Concen: 0.47 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

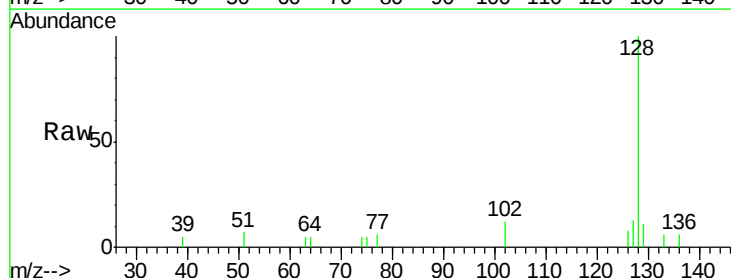
Tgt Ion: 128 Resp: 5315

Ion Ratio Lower Upper

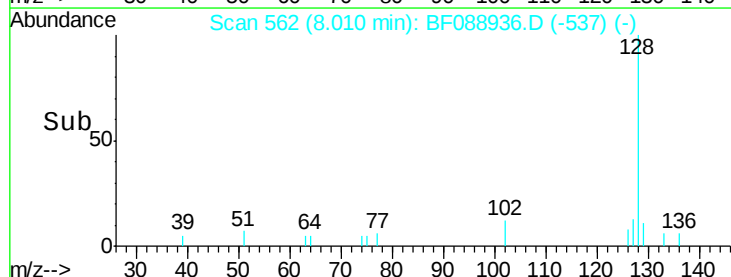
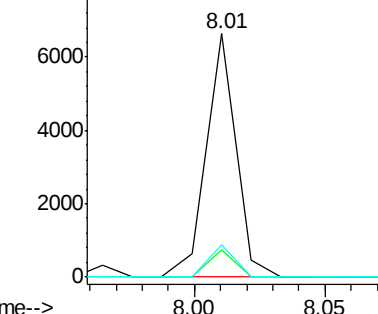
128 100

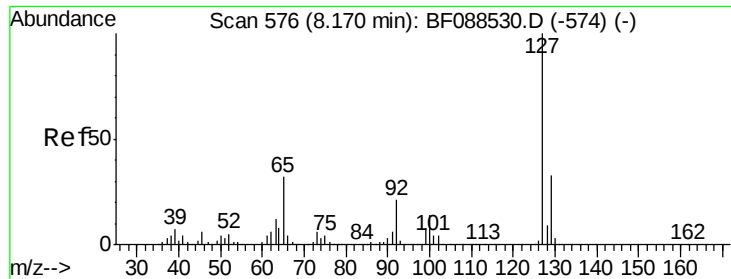
129 11.5 9.4 14.2

127 13.3 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

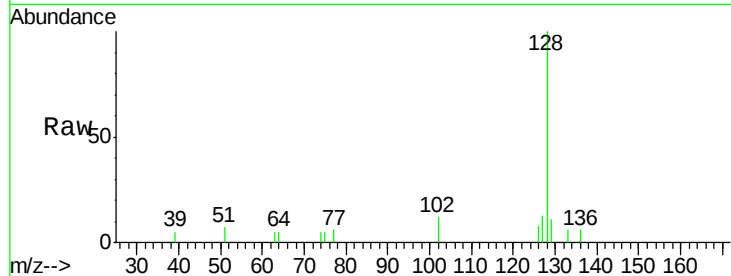




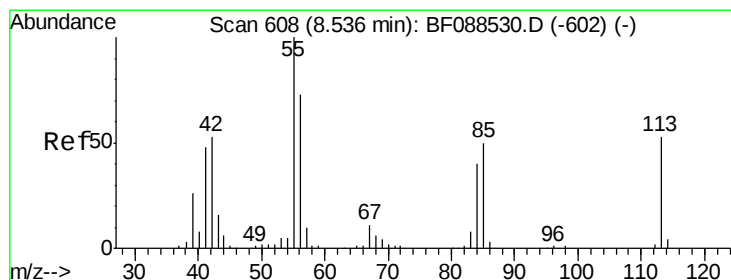
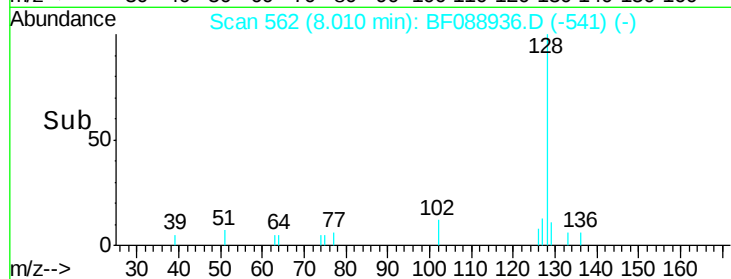
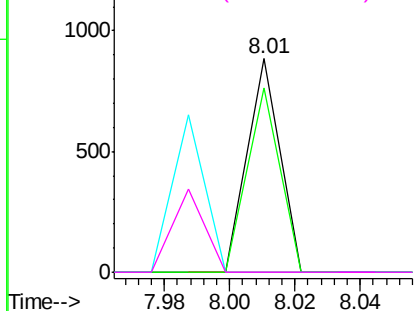
#33
4-Chloroaniline
Concen: 0.12 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.06 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion:	127	Resp:	607
Ion	Ratio	Lower	Upper
127	100		
129	86.0	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#

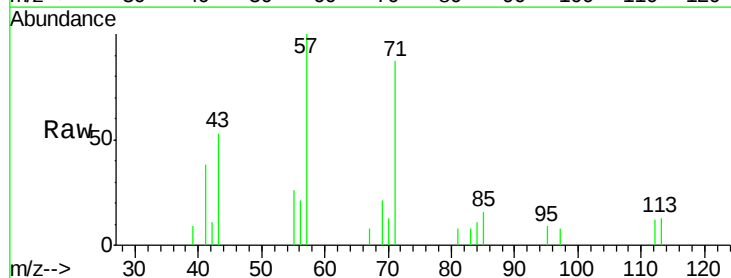


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

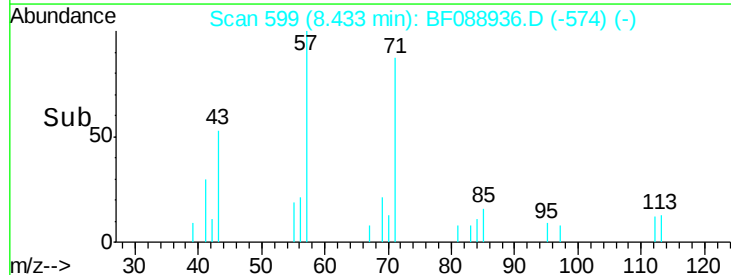
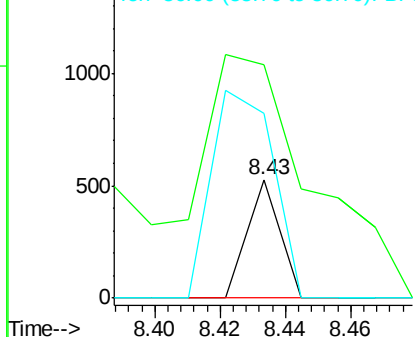


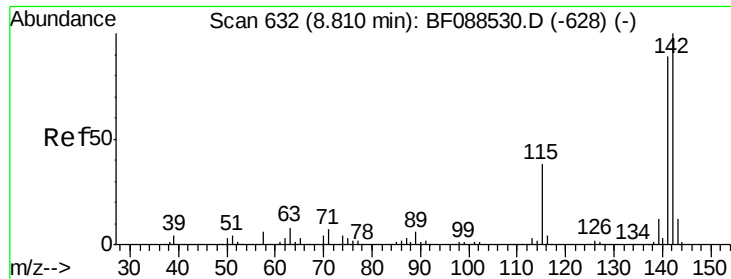
#35
Caprolactam
Concen: 0.35 ng
RT: 8.43 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:	113	Resp:	361
Ion	Ratio	Lower	Upper
113	100		
55	197.2	158.6	198.6
56	155.8	110.6	150.6#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

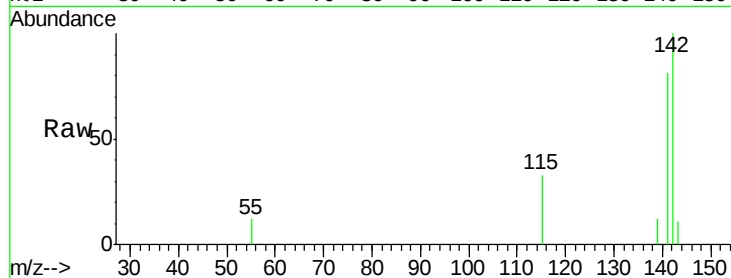




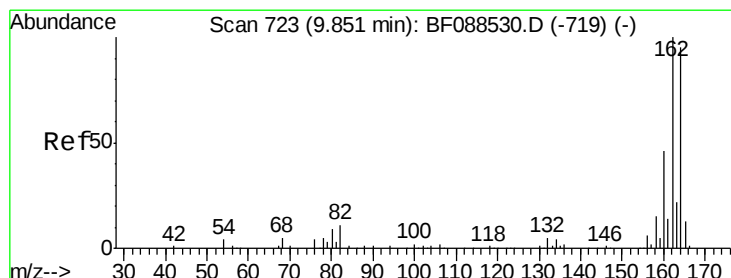
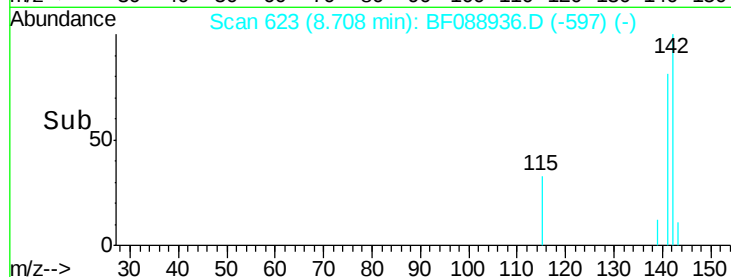
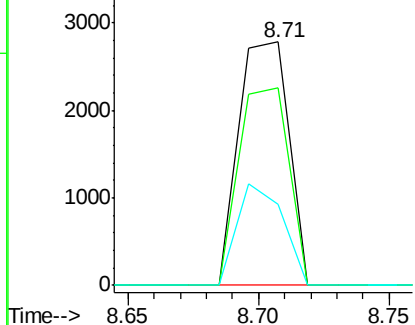
#37
 2-Methylnaphthalene
 Concen: 0.52 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF088936.D
 Acq: 12 Jul 2016 23:27

Instrument :
 BNA_F
 ClientSampleId :
 C3-03

Tgt Ion:142 Resp: 3771
 Ion Ratio Lower Upper
 142 100
 141 81.2 71.0 106.6
 115 33.0 22.6 33.8

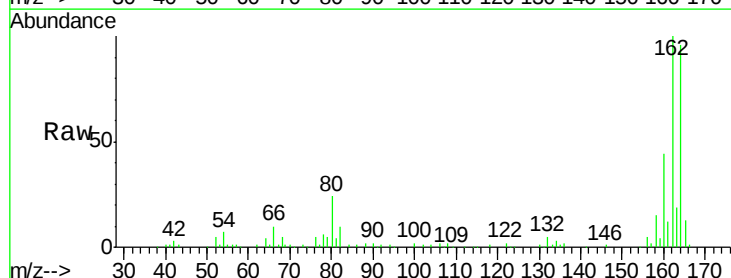


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

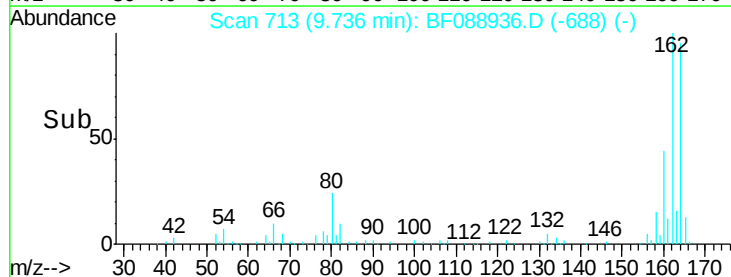
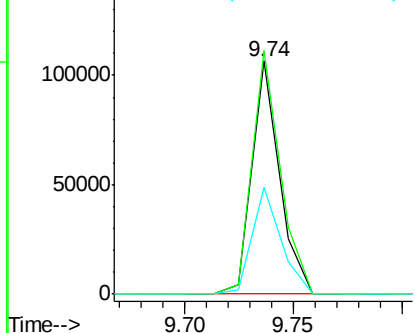


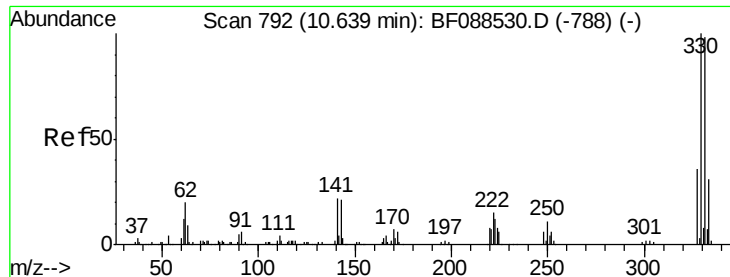
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF088936.D
 Acq: 12 Jul 2016 23:27

Tgt Ion:164 Resp: 93695
 Ion Ratio Lower Upper
 164 100
 162 104.4 85.4 128.2
 160 45.9 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

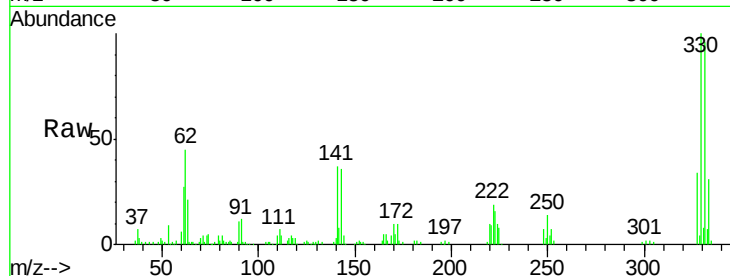




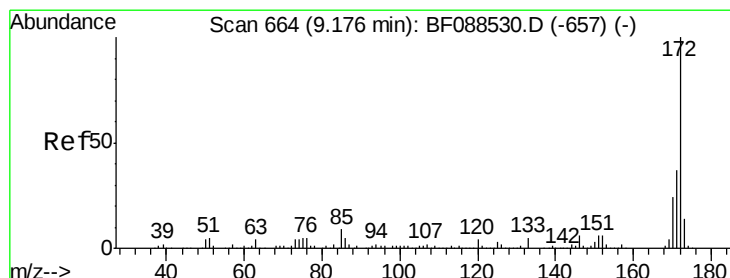
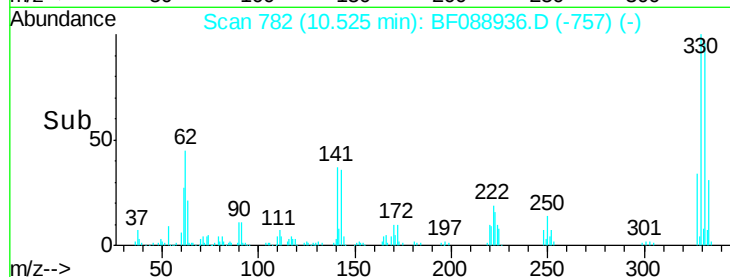
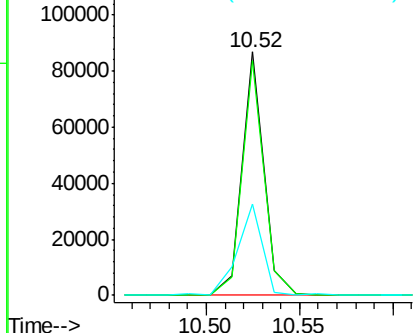
#41
 2,4,6-Tribromophenol
 Concen: 81.43 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088936.D
 Acq: 12 Jul 2016 23:27

Instrument :
 BNA_F
 ClientSampleId :
 C3-03

Tgt Ion: 330 Resp: 70850
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 43.7 0.0 0.0#

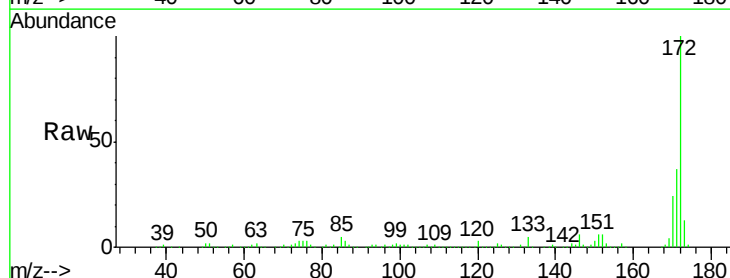


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

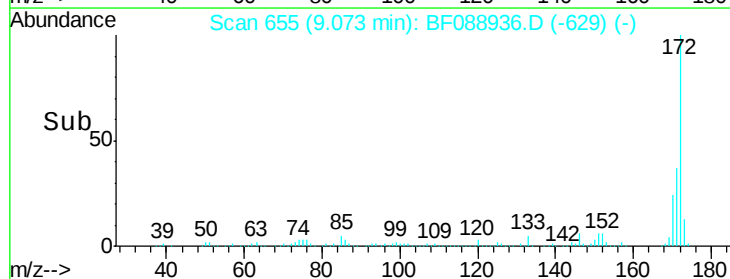
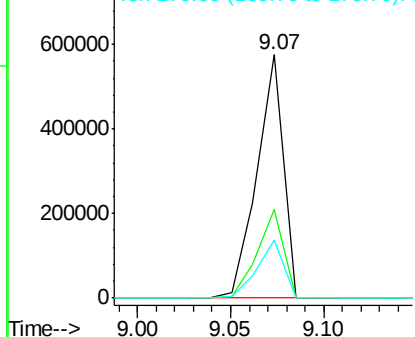


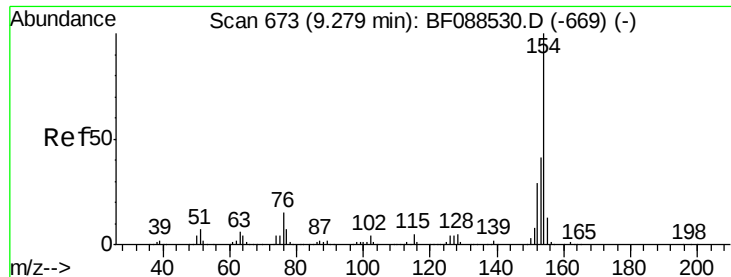
#44
 2-Fluorobiphenyl
 Concen: 94.57 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF088936.D
 Acq: 12 Jul 2016 23:27

Tgt Ion: 172 Resp: 560978
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.6 43.0
 170 24.1 19.2 28.8



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





#45

1,1'-Biphenyl

Concen: 0.09 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

Instrument :

BNA_F

ClientSampleId :

C3-03

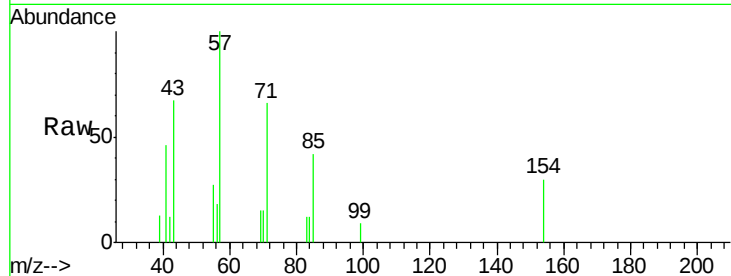
Tgt Ion:154 Resp: 736

Ion Ratio Lower Upper

154 100

153 0.0 20.6 60.6#

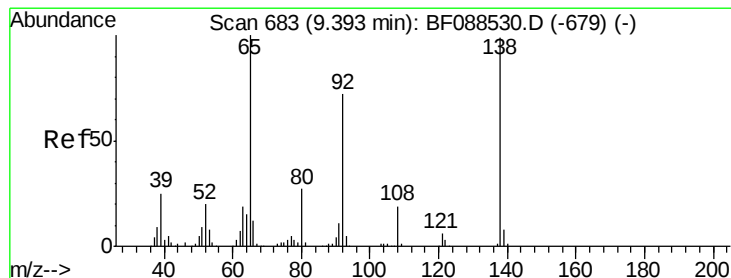
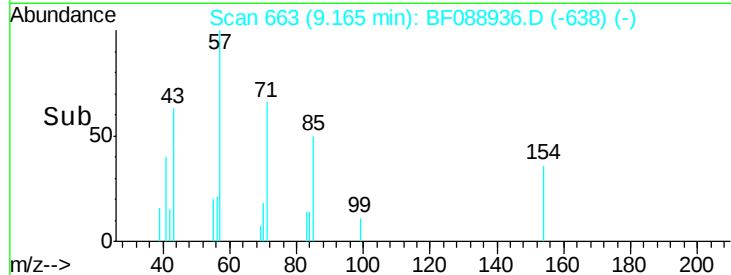
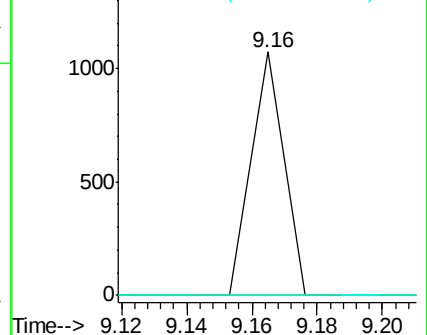
76 0.0 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#47

2-Nitroaniline

Concen: 0.51 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.17 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

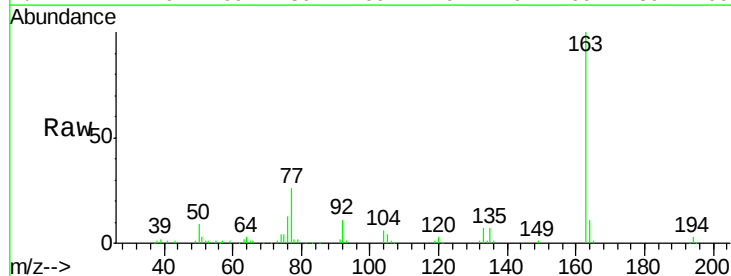
Tgt Ion: 65 Resp: 1093

Ion Ratio Lower Upper

65 100

92 870.5 54.6 82.0#

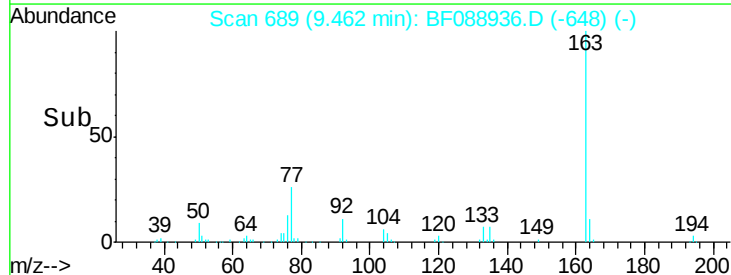
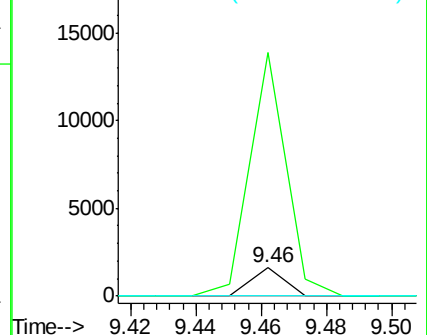
138 0.0 77.0 115.4#

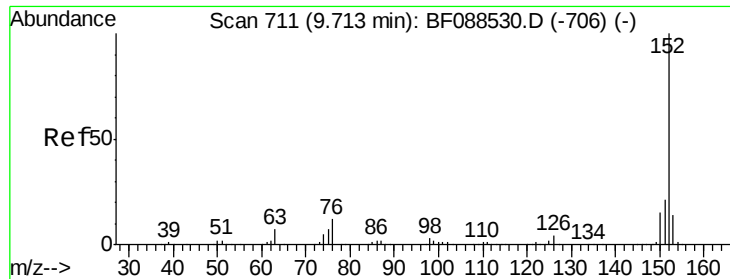


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.54 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

Instrument :

BNA_F

ClientSampleId :

C3-03

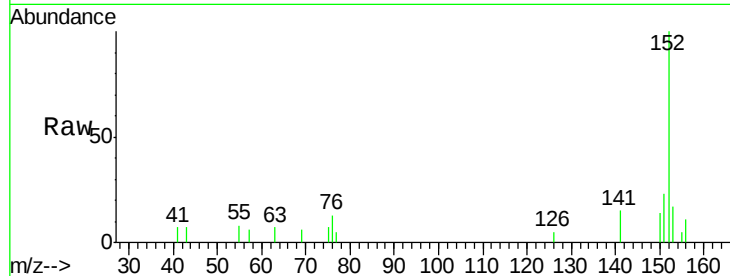
Tgt Ion:152 Resp: 5254

Ion Ratio Lower Upper

152 100

151 23.0 16.2 24.4

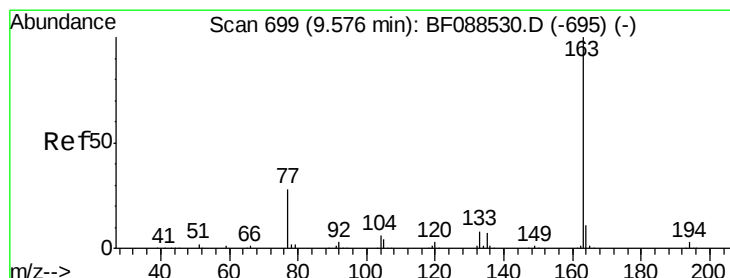
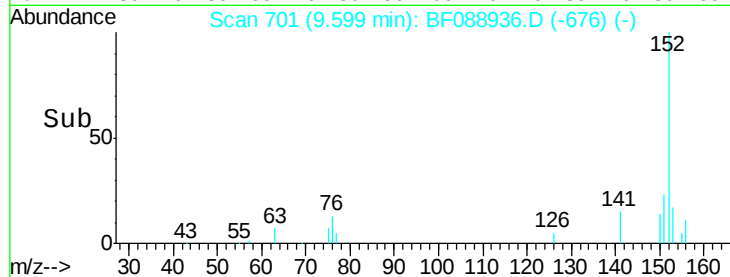
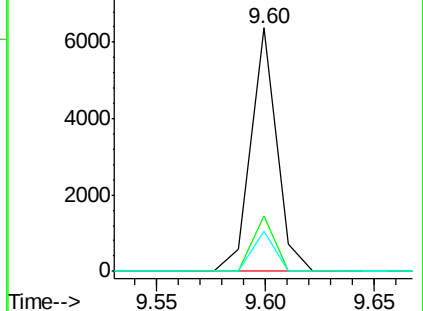
153 16.6 11.0 16.6#



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: 15.06 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

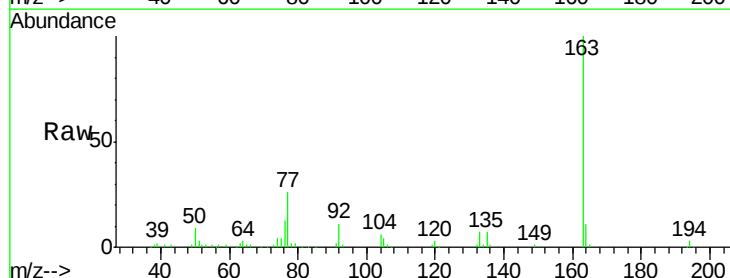
Tgt Ion:163 Resp: 100503

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

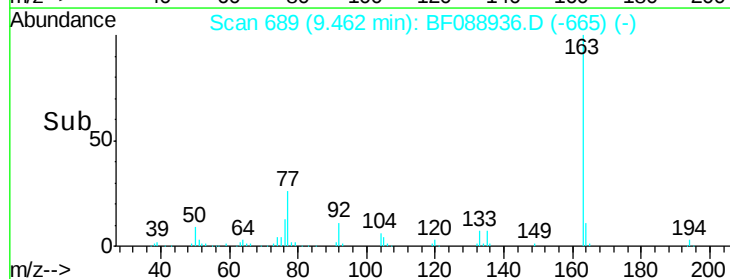
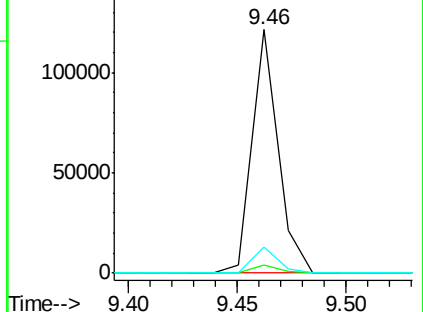
164 10.6 8.3 12.5

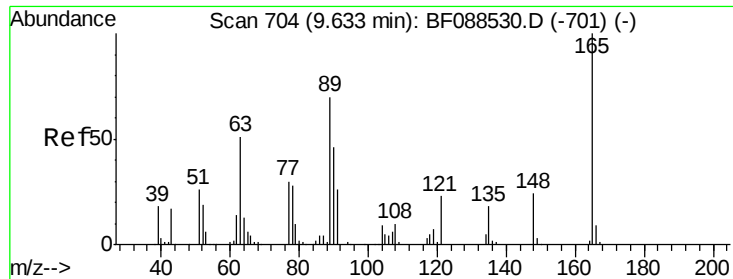


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

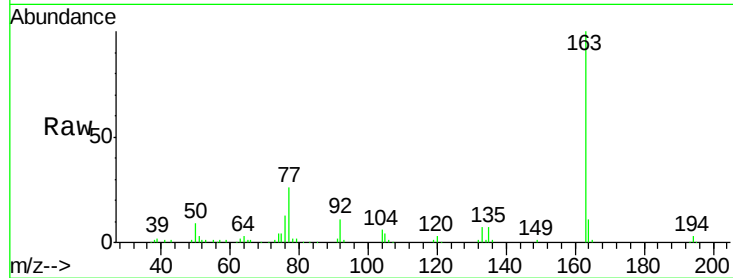




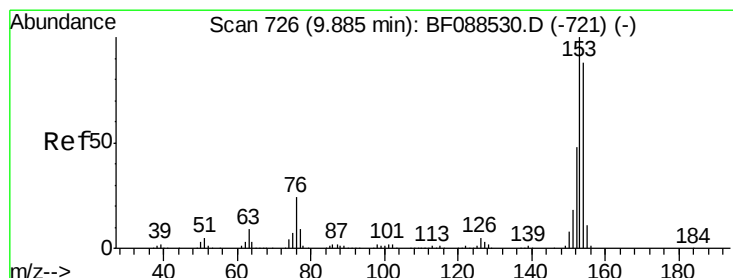
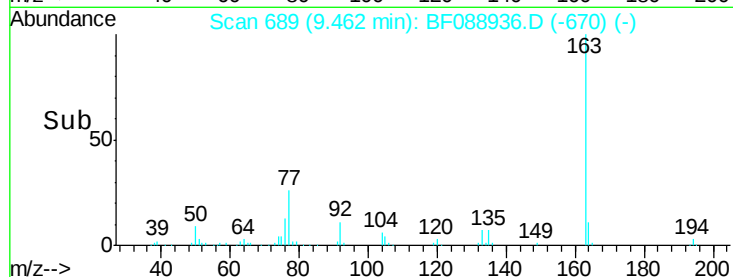
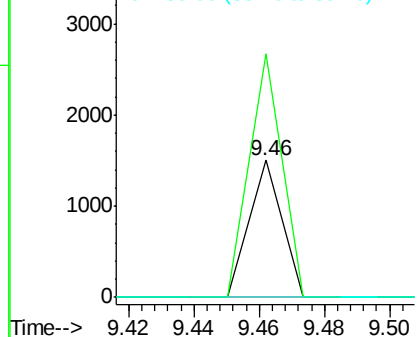
#50
2,6-Dinitrotoluene
Concen: 0.70 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.08 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion:165 Resp: 1031
Ion Ratio Lower Upper
165 100
63 177.6 28.1 42.1#
89 0.0 32.2 48.2#

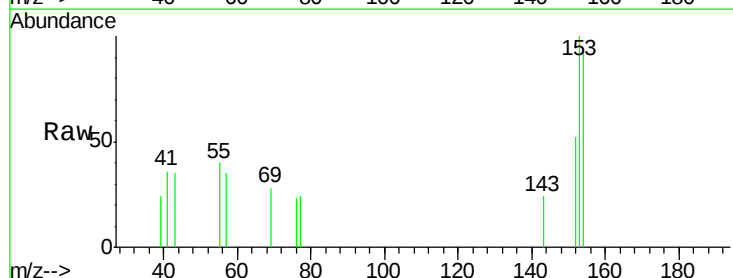


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

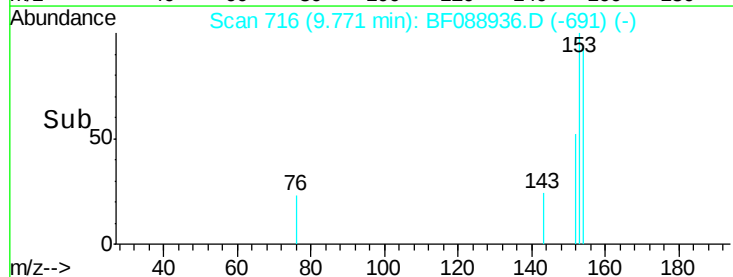
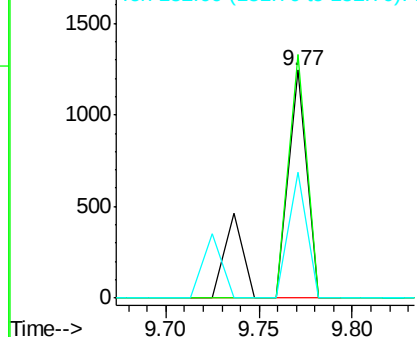


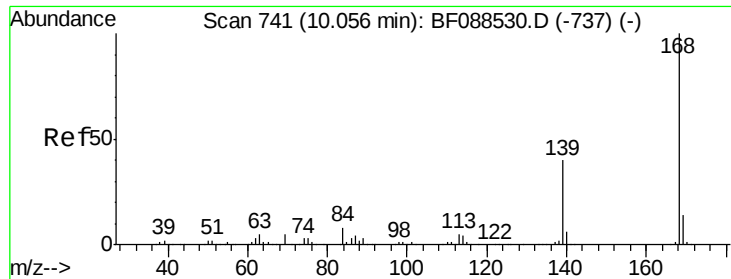
#51
Acenaphthene
Concen: 0.20 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:154 Resp: 1171
Ion Ratio Lower Upper
154 100
153 106.8 89.5 134.3
152 55.1 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

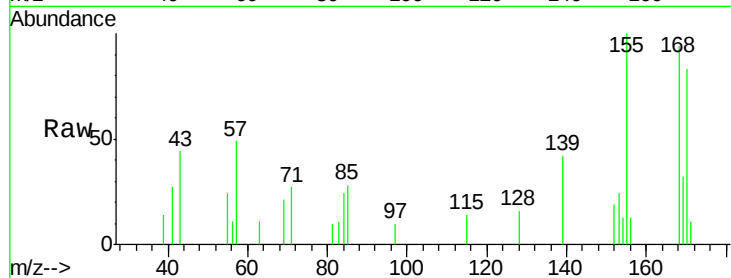




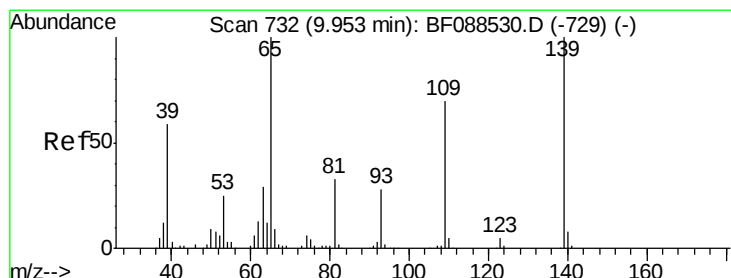
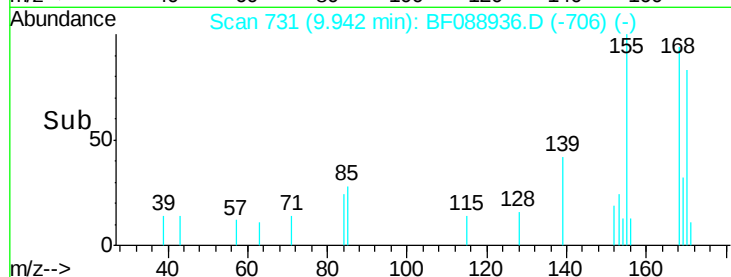
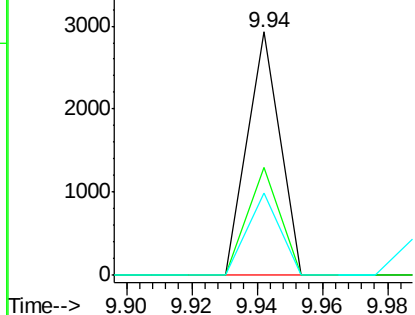
#54
Dibenzofuran
Concen: 0.26 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion:168 Resp: 2009
Ion Ratio Lower Upper
168 100
139 44.5 26.4 39.6#
169 33.6 10.4 15.6#

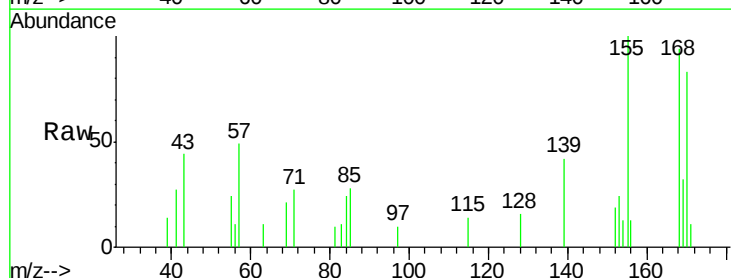


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

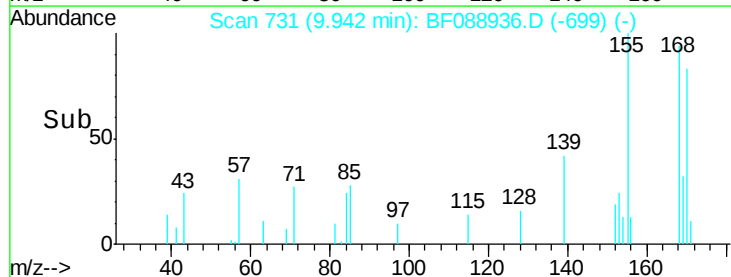
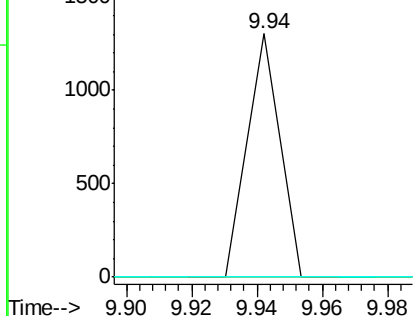


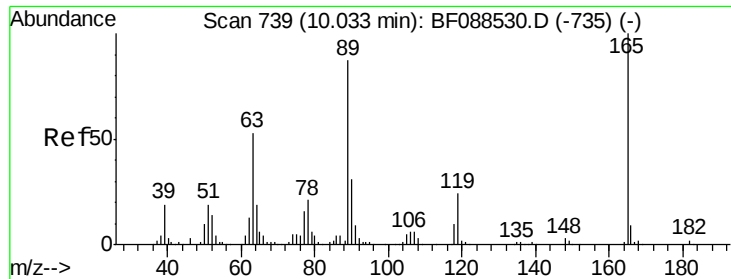
#55
4-Nitrophenol
Concen: 0.63 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.07 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:139 Resp: 894
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





#56

2,4-Dinitrotoluene

Concen: 6.71 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.21 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

Instrument :

BNA_F

ClientSampleId :

C3-03

Tgt Ion:165 Resp: 12979

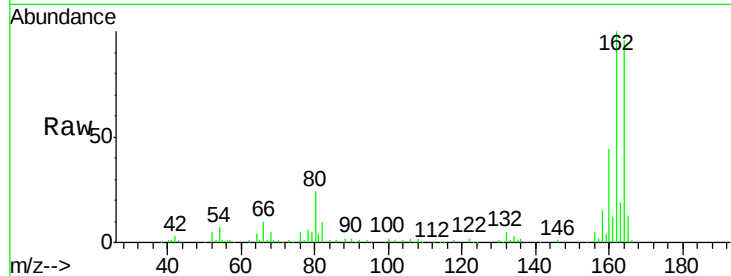
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

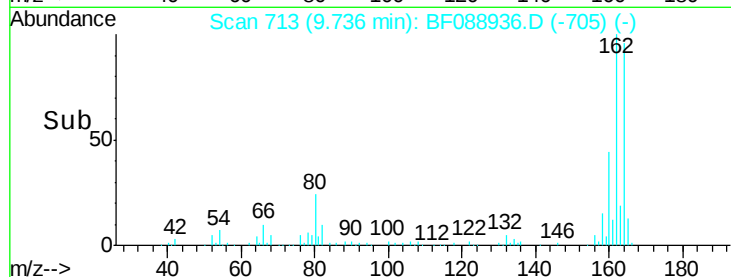


Abundance Ion 165.00 (164.70 to 165.70): E

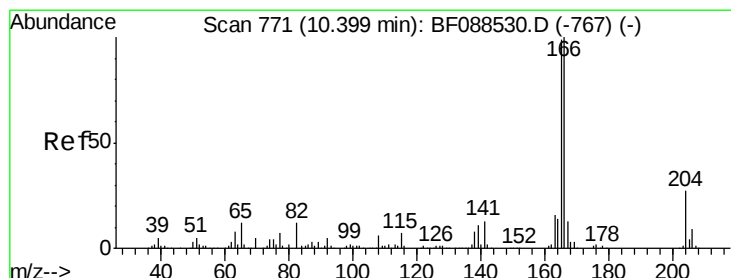
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#57

Fluorene

Concen: 0.11 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

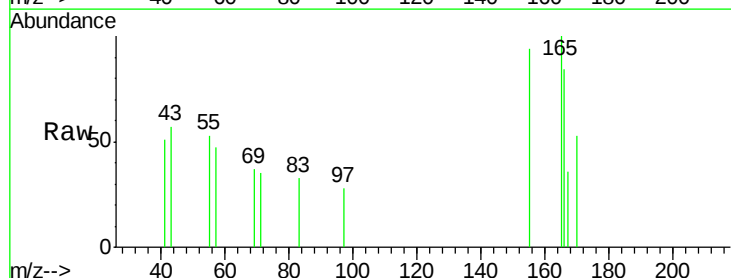
Tgt Ion:166 Resp: 684

Ion Ratio Lower Upper

166 100

165 119.6 77.8 116.8#

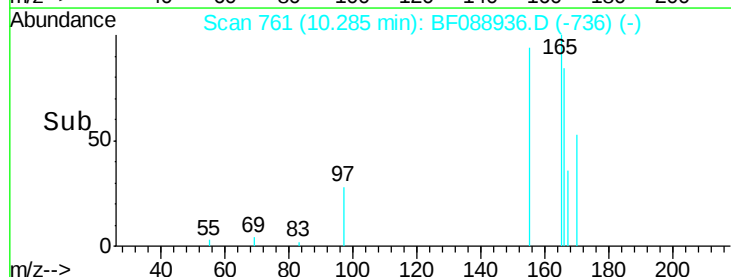
167 42.8 11.2 16.8#



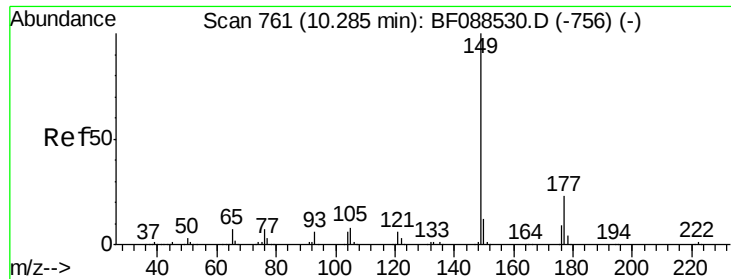
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



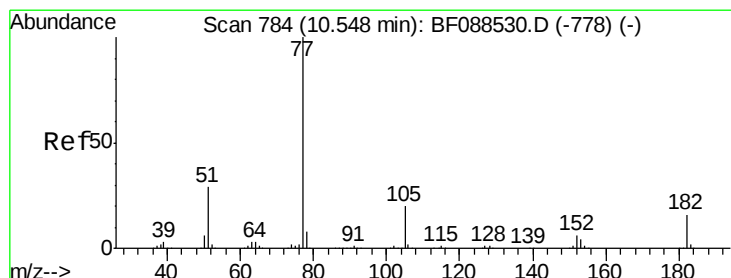
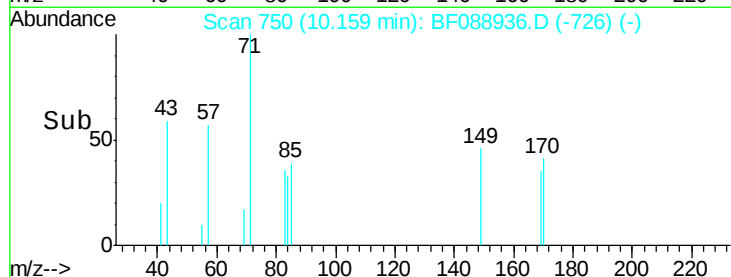
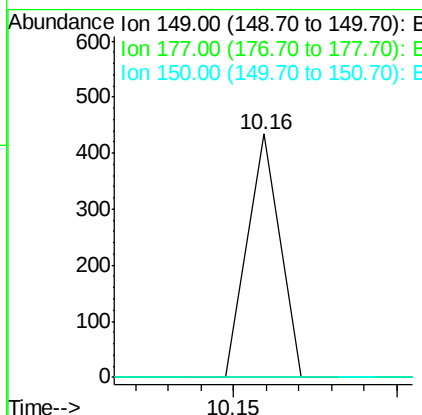
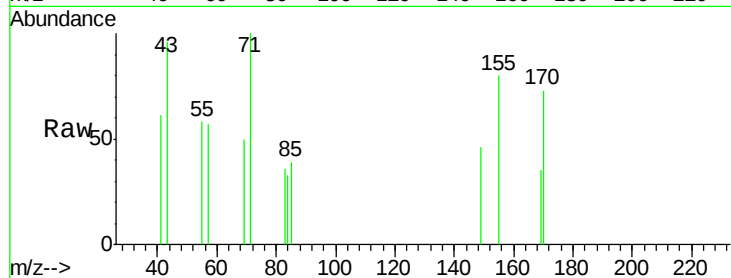
Time-->



#59
Diethylphthalate
Concen: 0.04 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

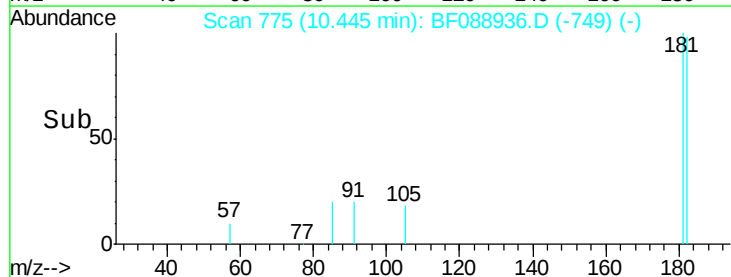
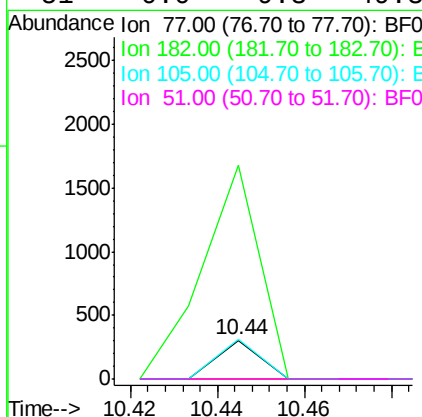
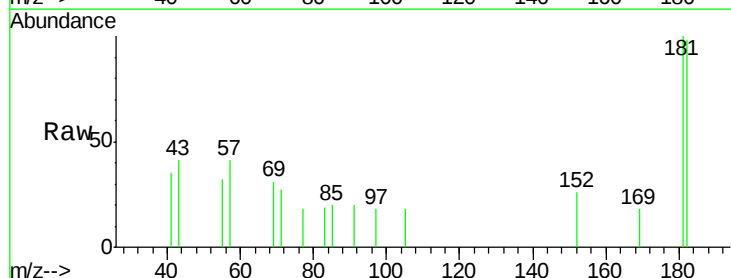
Instrument :
BNA_F
ClientSampleId :
C3-03

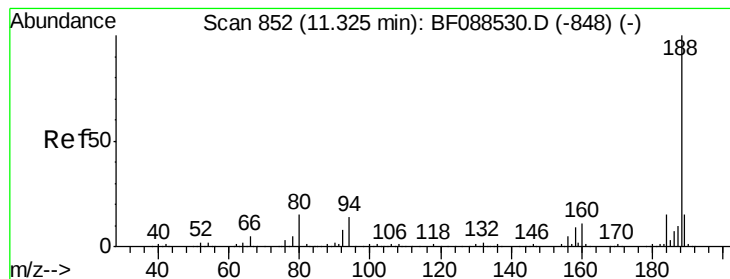
Tgt Ion: 149 Resp: 298
Ion Ratio Lower Upper
149 100
177 0.0 16.9 25.3#
150 0.0 10.1 15.1#



#62
Azobenzene
Concen: 0.03 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion: 77 Resp: 210
Ion Ratio Lower Upper
77 100
182 548.4 4.4 44.4#
105 101.3 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: BF088936.D

Acq: 12 Jul 2016 23:27

Instrument :

BNA_F

ClientSampleId :

C3-03

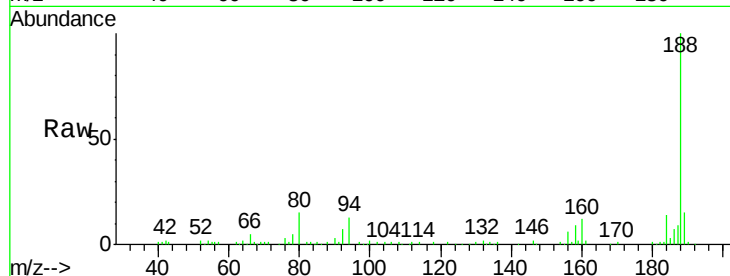
Tgt Ion:188 Resp: 141337

Ion Ratio Lower Upper

188 100

94 12.9 9.0 13.6

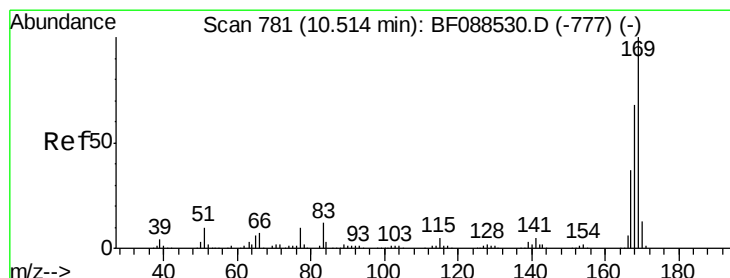
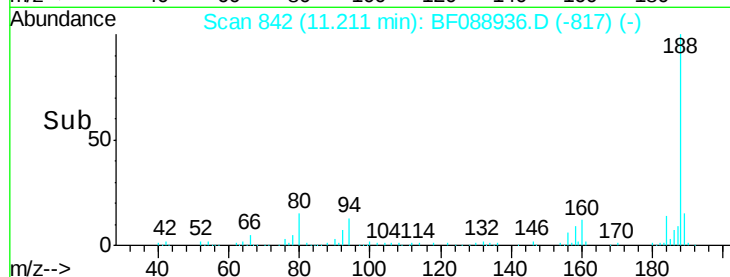
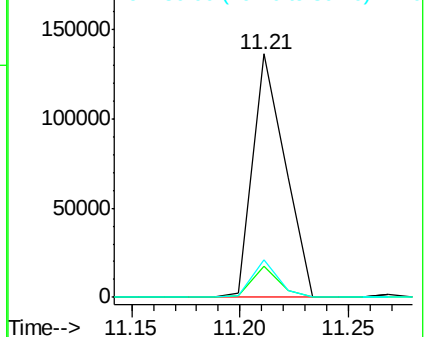
80 15.2 10.0 15.0#



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: 0.24 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

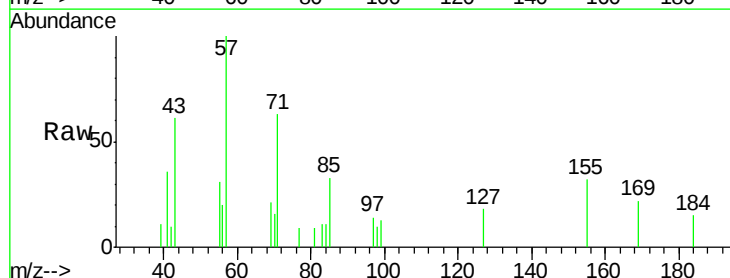
Tgt Ion:169 Resp: 1140

Ion Ratio Lower Upper

169 100

168 0.0 53.4 80.0#

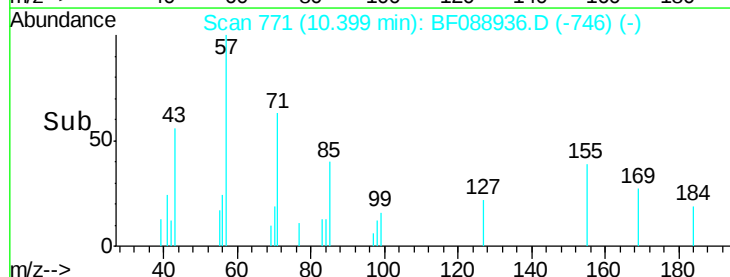
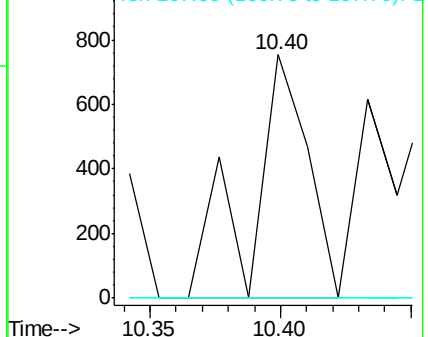
167 0.0 29.4 44.0#

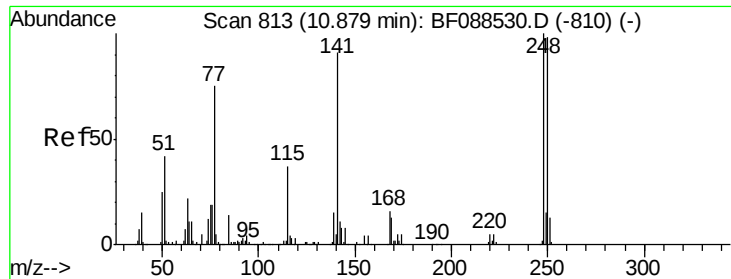


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

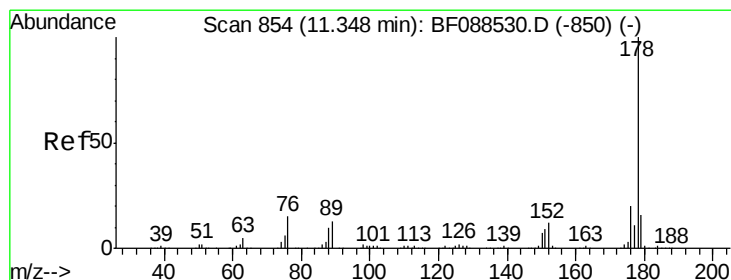
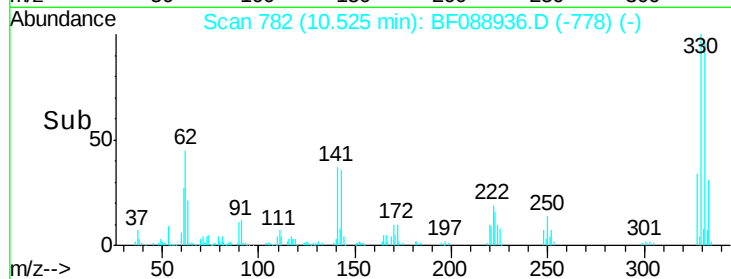
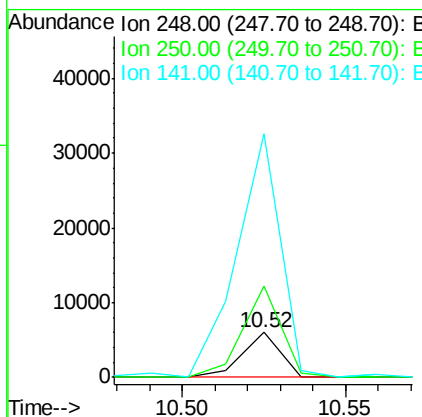
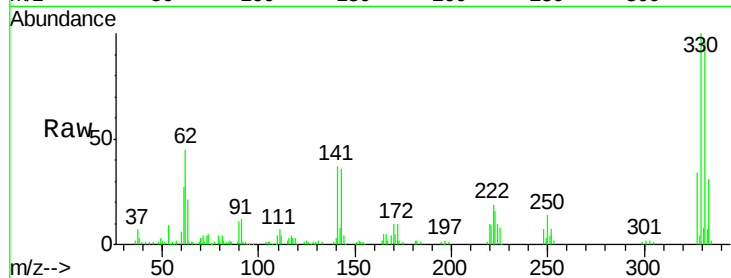




#66
 4-Bromophenyl-phenylether
 Concen: 3.36 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.25 min
 Lab File: BF088936.D
 Acq: 12 Jul 2016 23:27

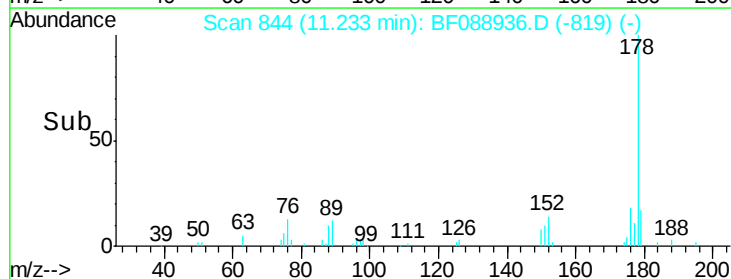
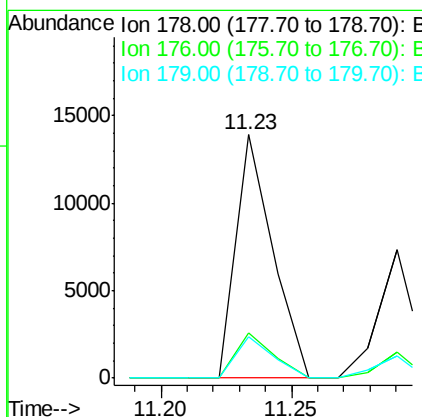
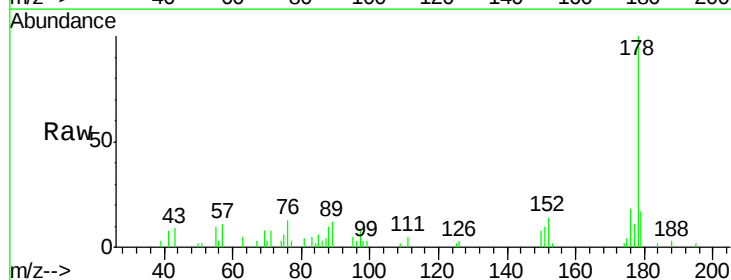
Instrument :
 BNA_F
 ClientSampleId :
 C3-03

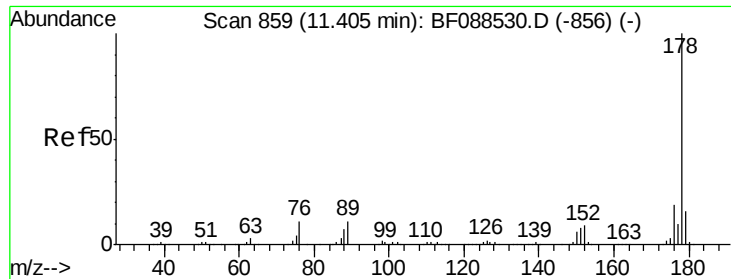
Tgt Ion: 248 Resp: 4783
 Ion Ratio Lower Upper
 248 100
 250 202.5 77.1 115.7#
 141 541.2 50.6 76.0#



#70
 Phenanthrene
 Concen: 1.76 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF088936.D
 Acq: 12 Jul 2016 23:27

Tgt Ion: 178 Resp: 13615
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.6
 179 17.1 13.0 19.4

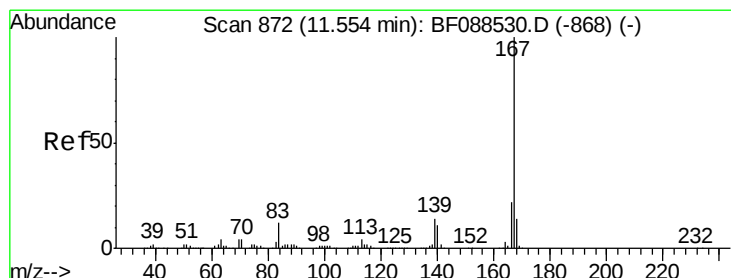
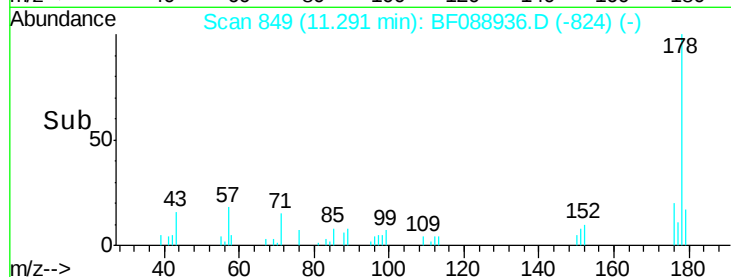
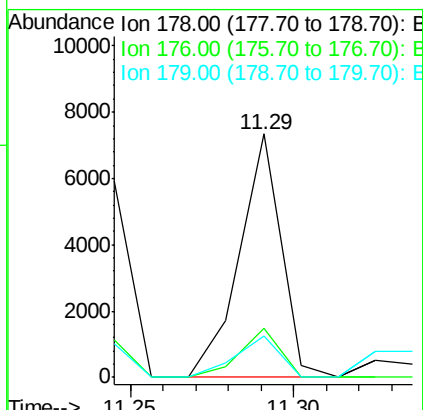
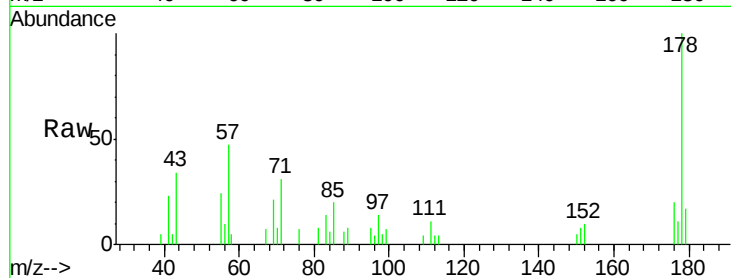




#71
 Anthracene
 Concen: 0.84 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BF088936.D
 Acq: 12 Jul 2016 23:27

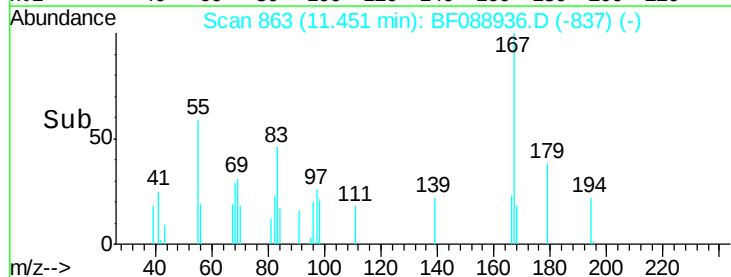
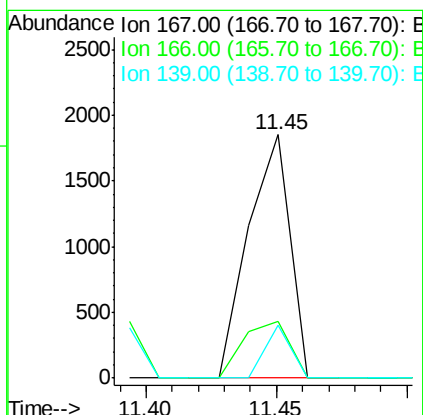
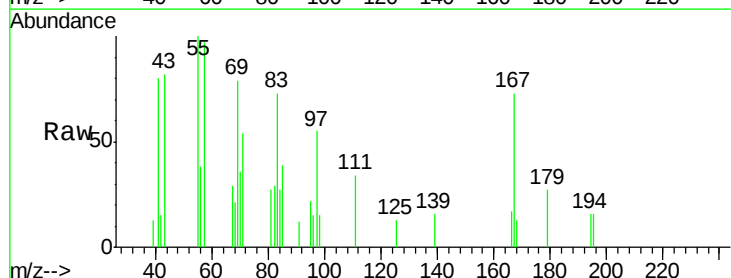
Instrument :
 BNA_F
 ClientSampleId :
 C3-03

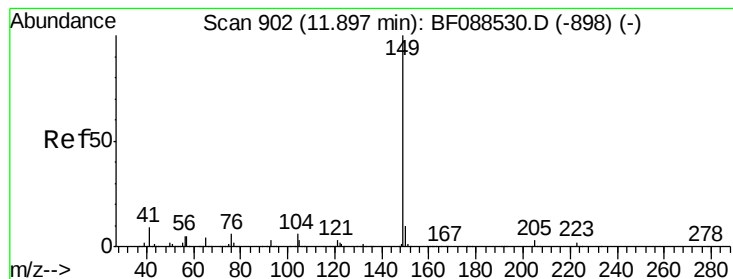
Tgt Ion:178 Resp: 6467
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.6 23.4
 179 17.0 12.8 19.2



#72
 Carbazole
 Concen: 0.29 ng
 RT: 11.45 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: BF088936.D
 Acq: 12 Jul 2016 23:27

Tgt Ion:167 Resp: 2069
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.8 26.6
 139 21.8 11.2 16.8#





#73

Di-n-butylphthalate

Concen: 0.23 ng

RT: 11.79 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

Instrument :

BNA_F

ClientSampleId :

C3-03

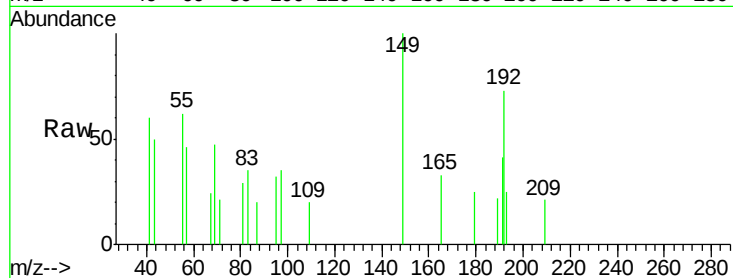
Tgt Ion:149 Resp: 1911

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

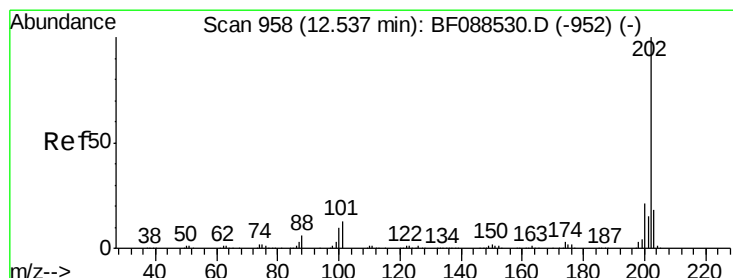
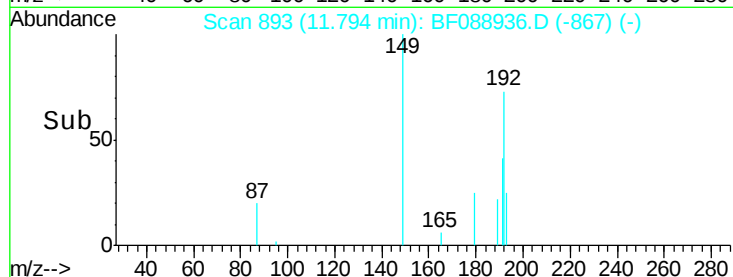
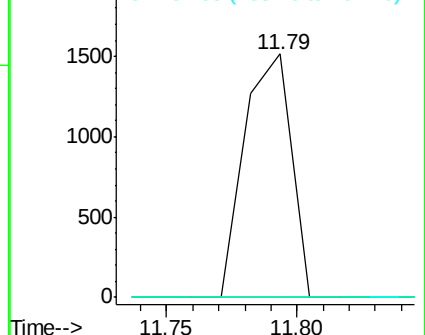
104 0.0 4.0 6.0#



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: 4.11 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

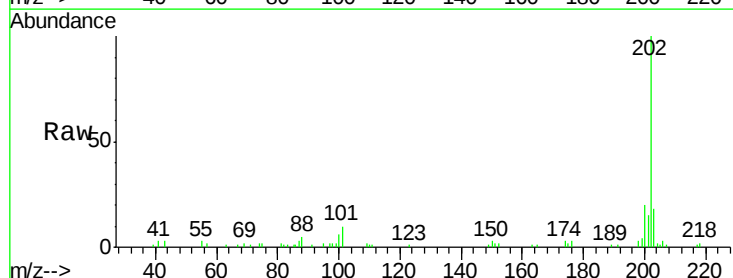
Tgt Ion:202 Resp: 32221

Ion Ratio Lower Upper

202 100

101 9.8 0.0 33.1

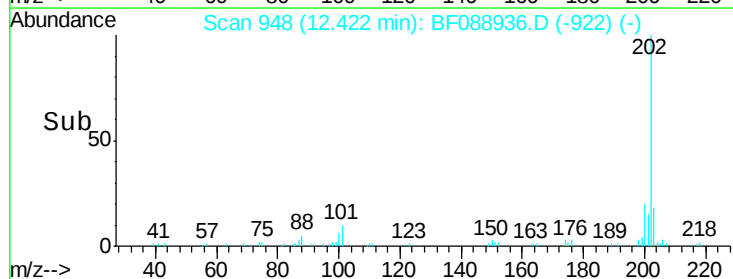
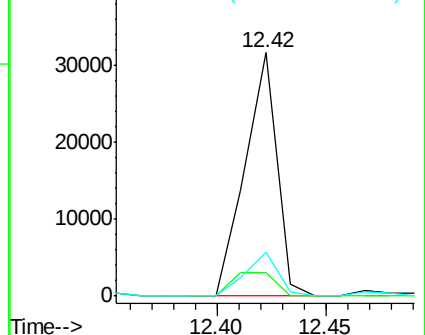
203 18.1 0.0 38.1

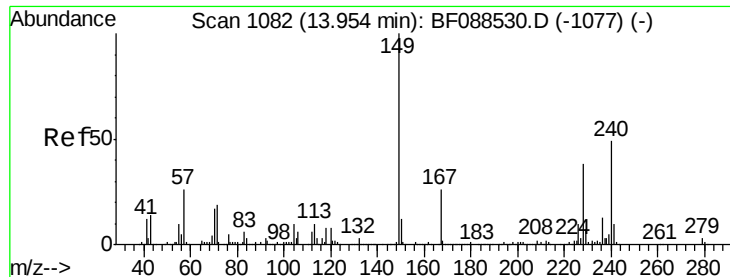


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF088936.D

Acq: 12 Jul 2016 23:27

Instrument :

BNA_F

ClientSampleId :

C3-03

Tgt Ion:240 Resp: 129462

Ion Ratio Lower Upper

240 100

120 11.7 6.8 10.2#

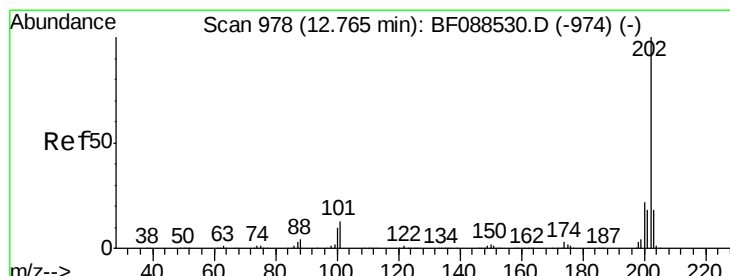
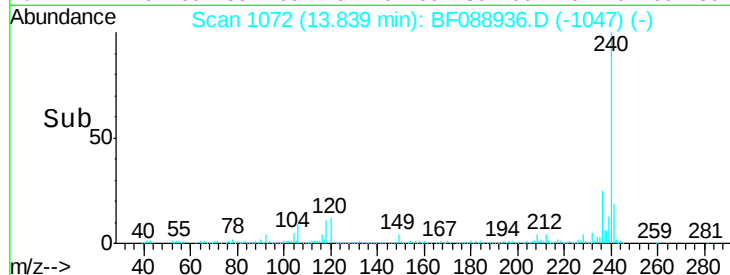
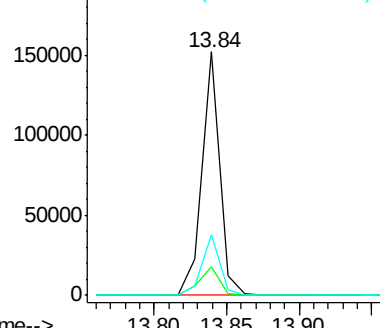
236 25.1 20.2 30.2



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: 2.90 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

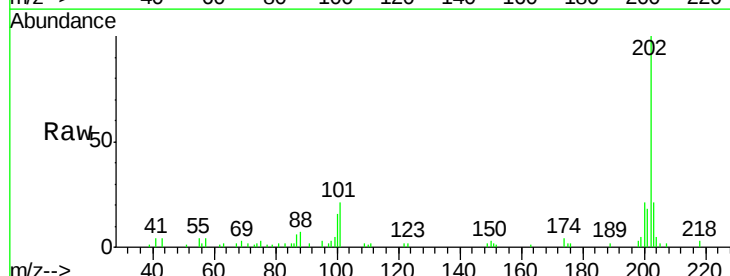
Tgt Ion:202 Resp: 31888

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

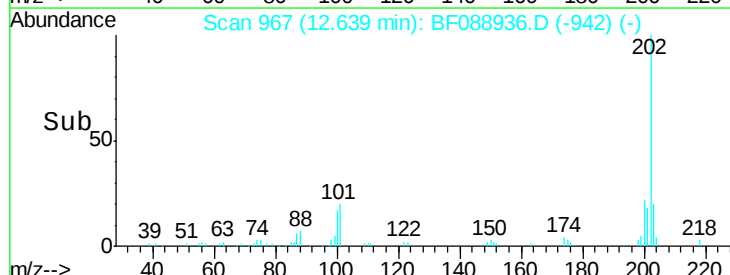
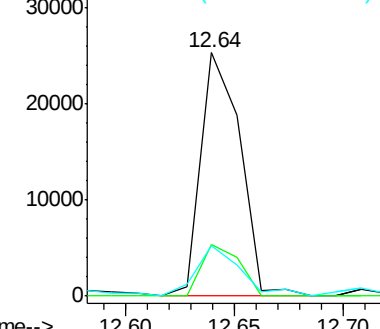
203 20.8 14.5 21.7

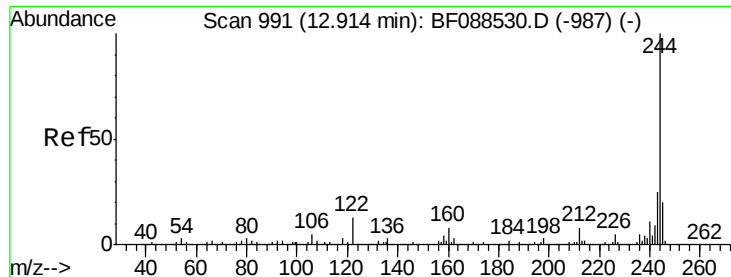


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 53.70 ng

RT: 12.80 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

Instrument :

BNA_F

ClientSampled :

C3-03

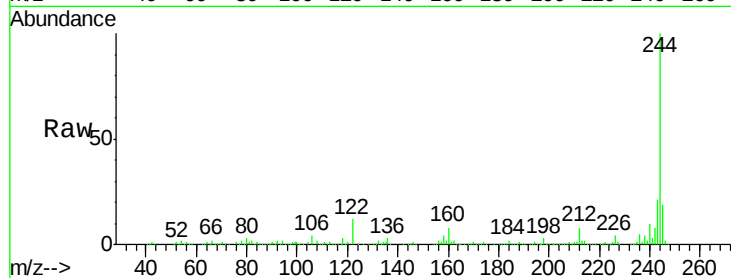
Tgt Ion:244 Resp: 312103

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

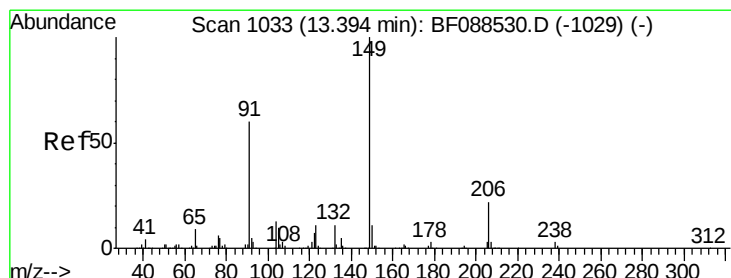
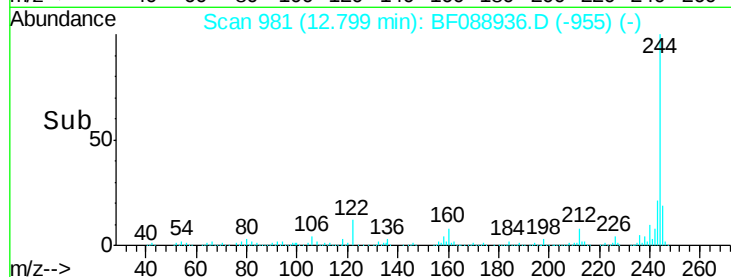
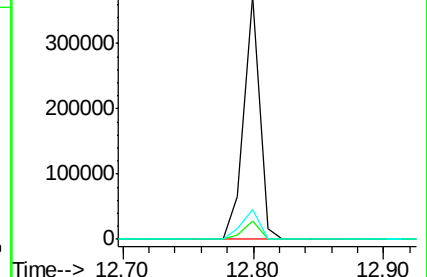
122 12.0 11.2 16.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.14 ng

RT: 13.25 min Scan# 1020

Delta R.T. -0.03 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

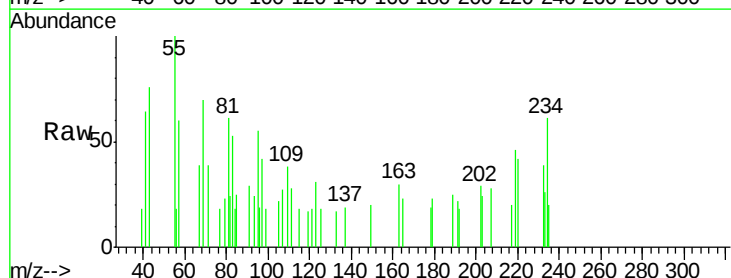
Tgt Ion:149 Resp: 684

Ion Ratio Lower Upper

149 100

91 141.7 48.0 72.0#

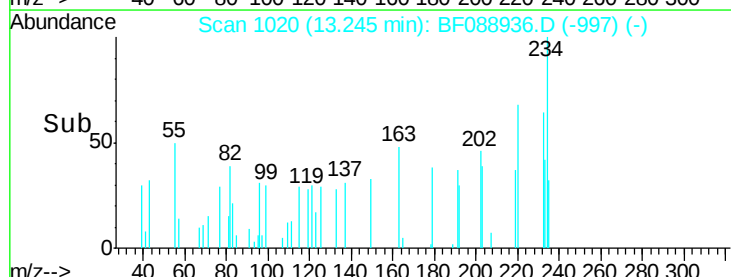
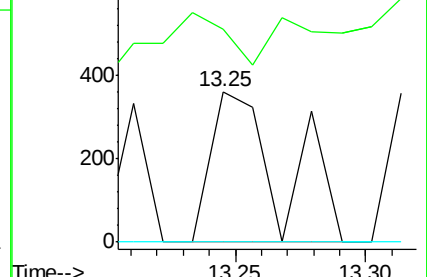
206 0.0 16.0 24.0#

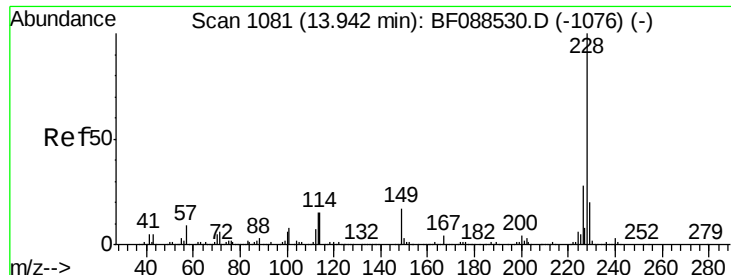


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 3.03 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

Instrument :

BNA_F

ClientSampled :

C3-03

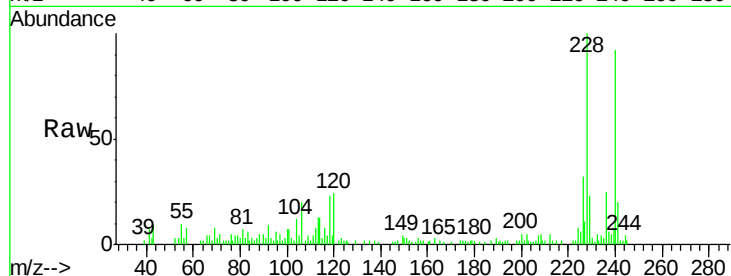
Tgt Ion:228 Resp: 25221

Ion Ratio Lower Upper

228 100

226 32.4 22.3 33.5

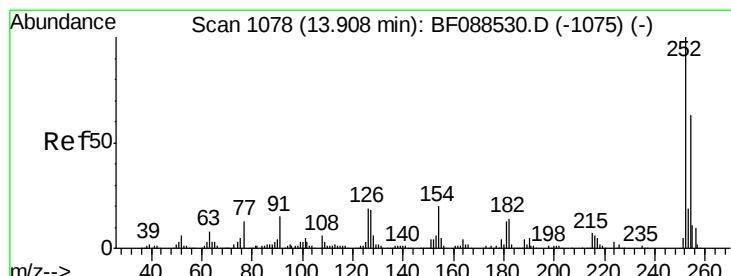
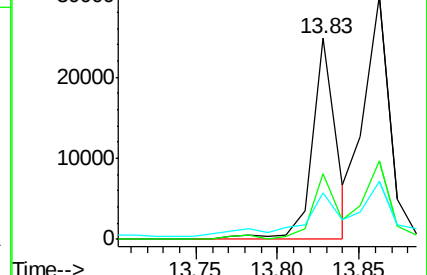
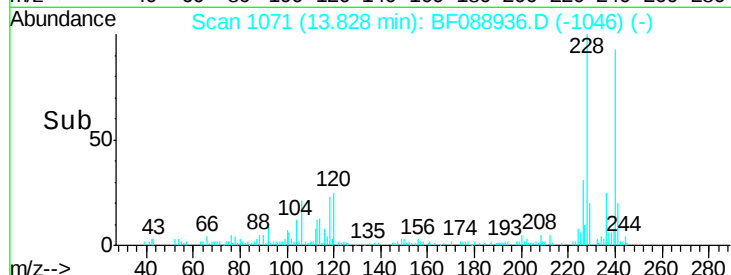
229 23.0 16.0 24.0



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



#81

3,3'-Dichlorobenzidine

Concen: 0.13 ng

RT: 13.91 min Scan# 1078

Delta R.T. 0.10 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

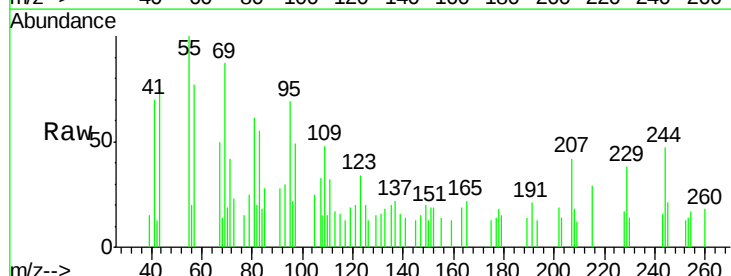
Tgt Ion:252 Resp: 418

Ion Ratio Lower Upper

252 100

254 129.2 52.6 78.8#

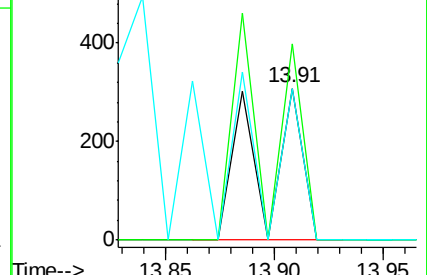
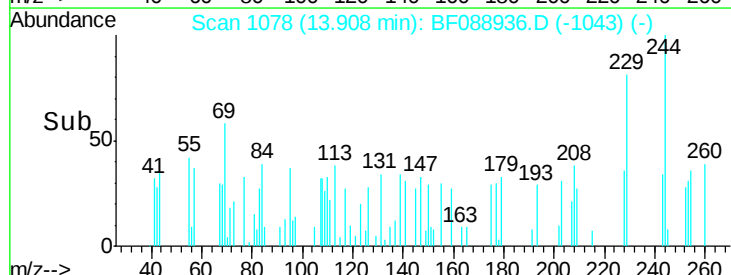
126 100.0 6.2 9.2#

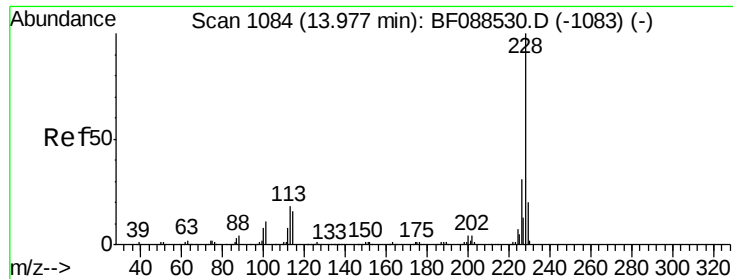


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 4.11 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

Instrument :

BNA_F

ClientSampleId :

C3-03

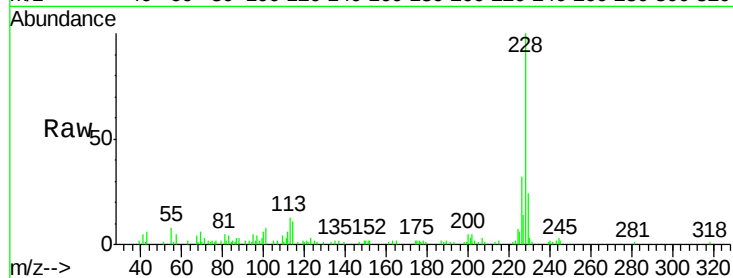
Tgt Ion:228 Resp: 33936

Ion Ratio Lower Upper

228 100

226 32.1 25.4 38.2

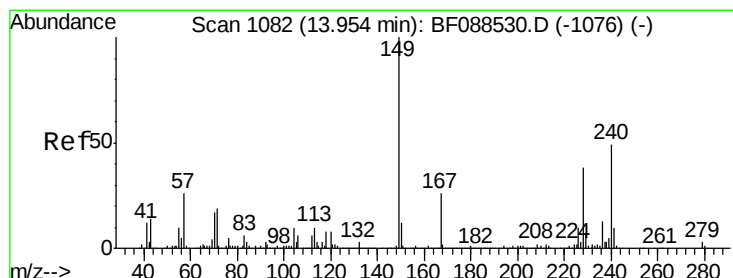
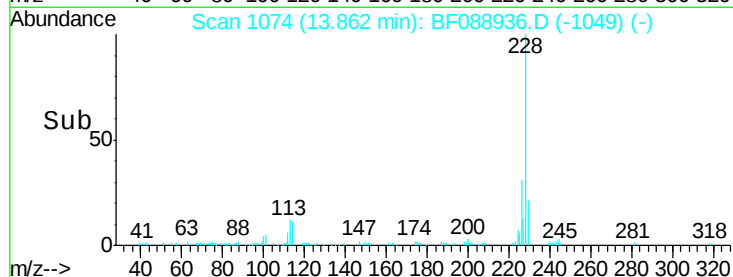
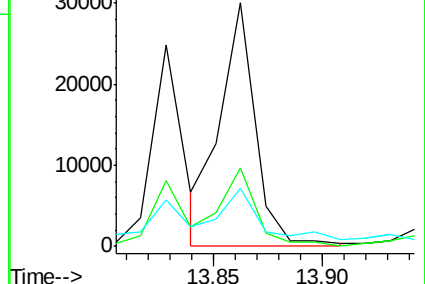
229 23.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.10 ng

RT: 13.84 min Scan# 1072

Delta R.T. 0.00 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

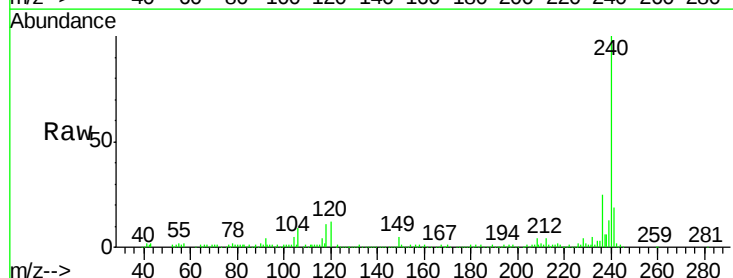
Tgt Ion:149 Resp: 6137

Ion Ratio Lower Upper

149 100

167 27.3 20.5 30.7

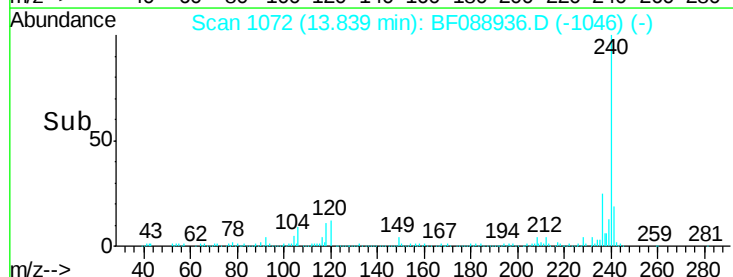
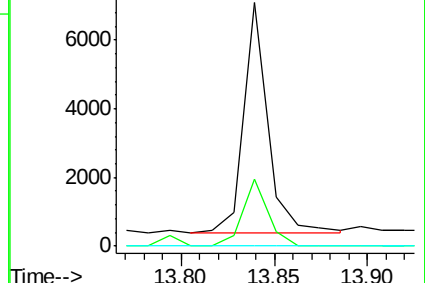
279 0.0 2.0 3.0#

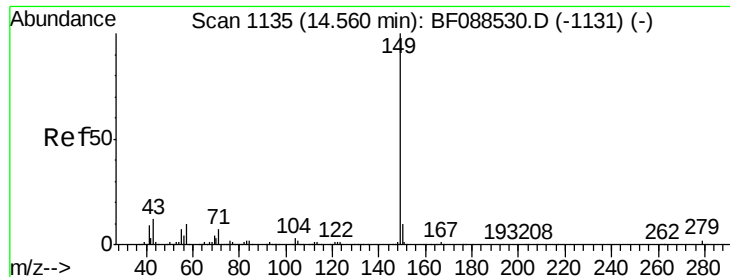


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.11 ng

RT: 14.46 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

Instrument :

BNA_F

ClientSampled :

C3-03

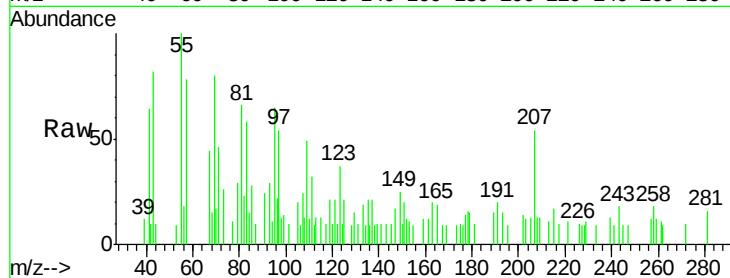
Tgt Ion:149 Resp: 1090

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

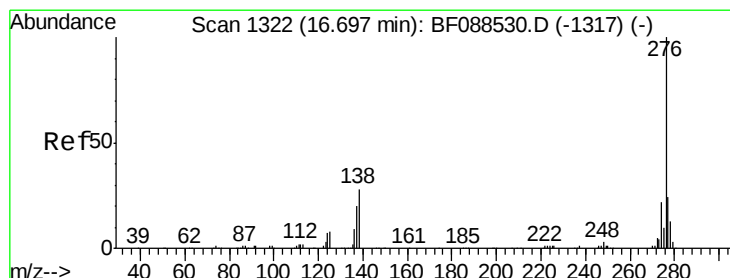
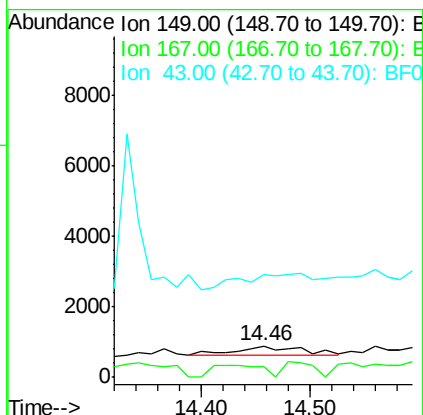
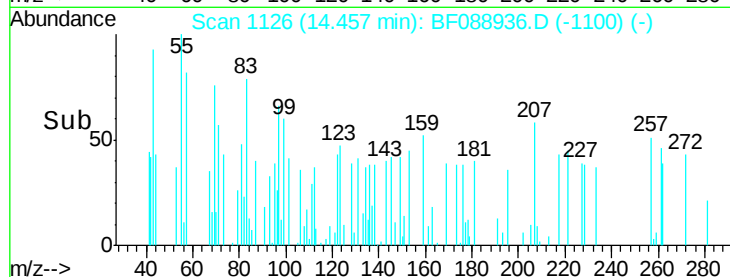
43 0.0 0.0 0.0



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: 2.12 ng

RT: 16.49 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

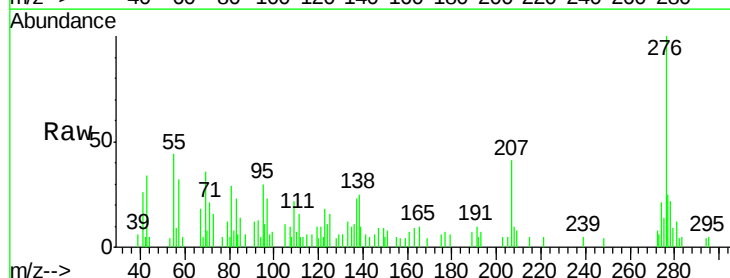
Tgt Ion:276 Resp: 13451

Ion Ratio Lower Upper

276 100

138 25.4 0.0 0.0#

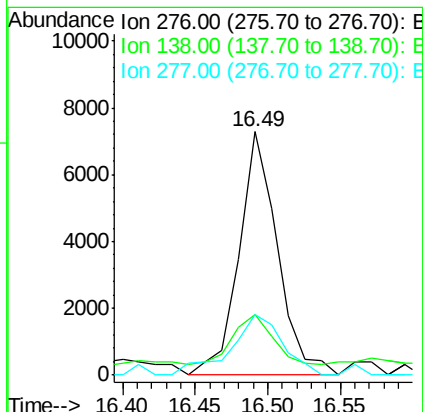
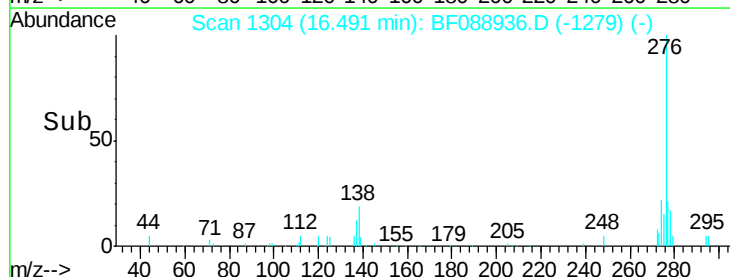
277 33.7 0.0 0.0#

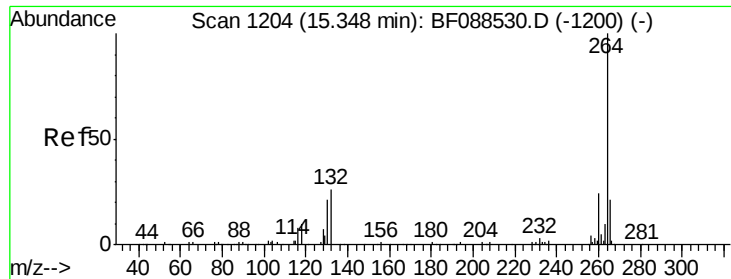


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

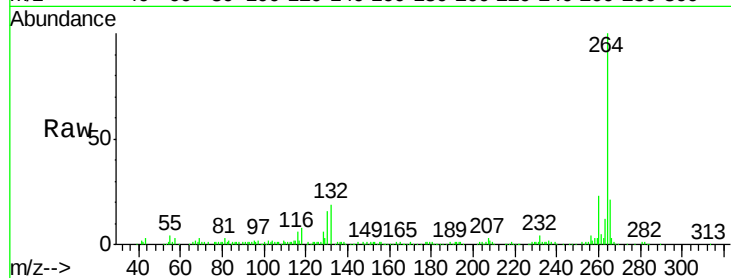




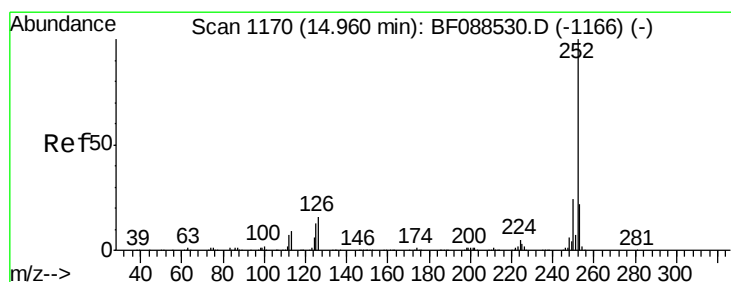
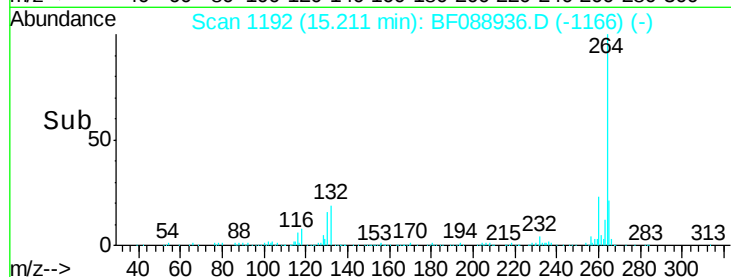
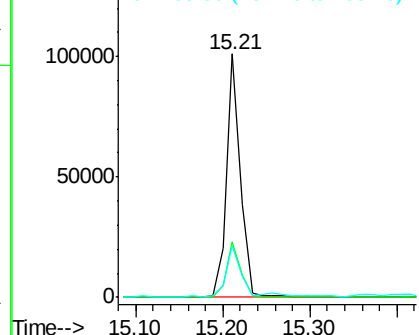
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion:264 Resp: 113544
Ion Ratio Lower Upper
264 100
260 22.8 19.2 28.8
265 21.5 16.9 25.3

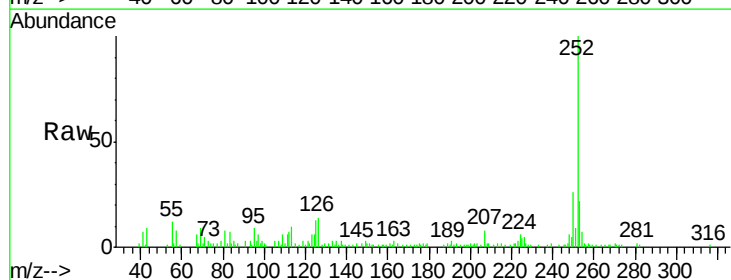


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

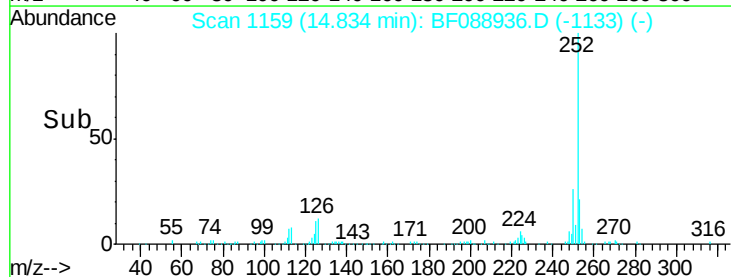
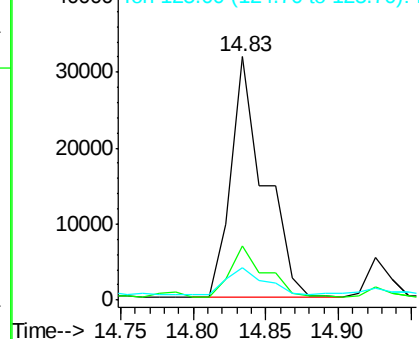


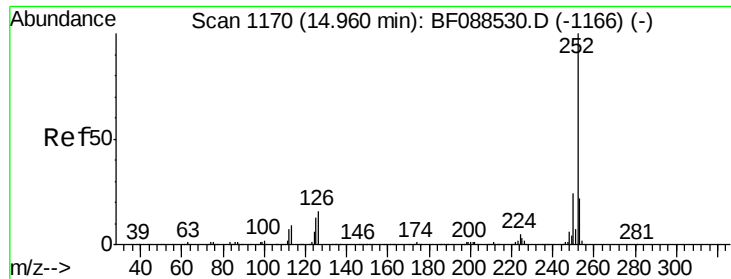
#87
Benzo(b)fluoranthene
Concen: 7.15 ng
RT: 14.83 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:252 Resp: 50933
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 13.3 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 8.21 ng

RT: 14.83 min Scan# 1159

Delta R.T. -0.03 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

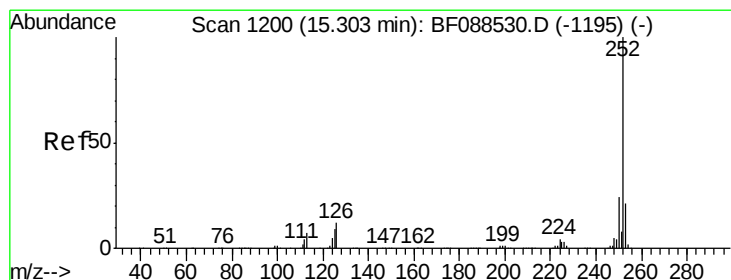
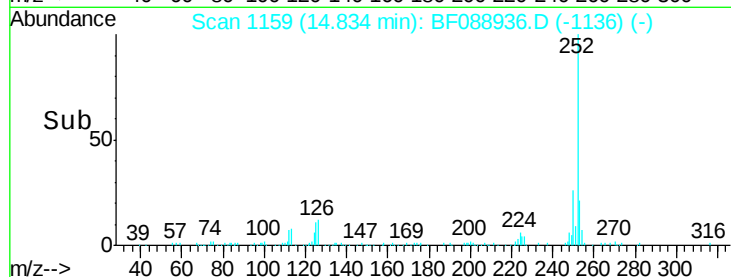
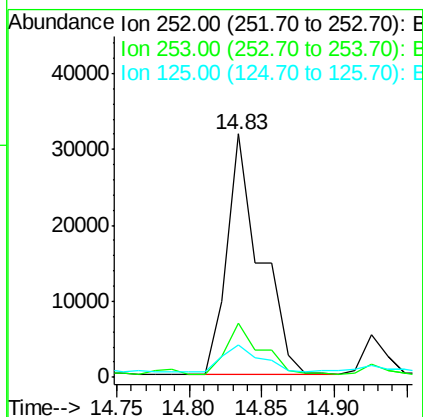
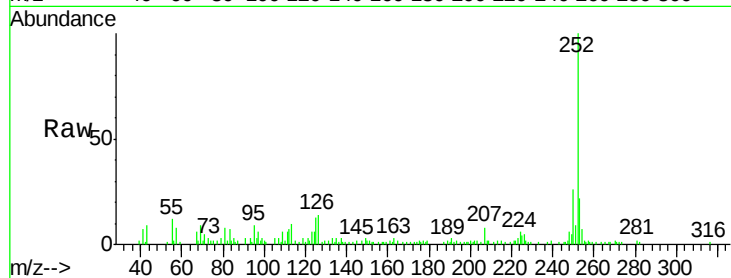
Instrument :

BNA_F

ClientSampleId :

C3-03

Tgt Ion:	252	Resp:	50930
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	13.3	11.2	16.8



#89

Benzo(a)pyrene

Concen: 3.49 ng

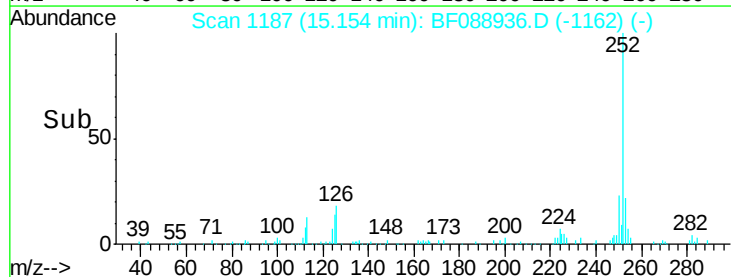
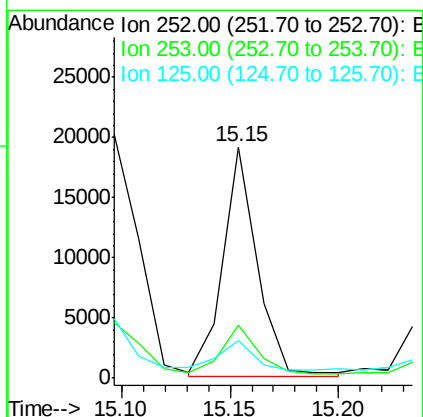
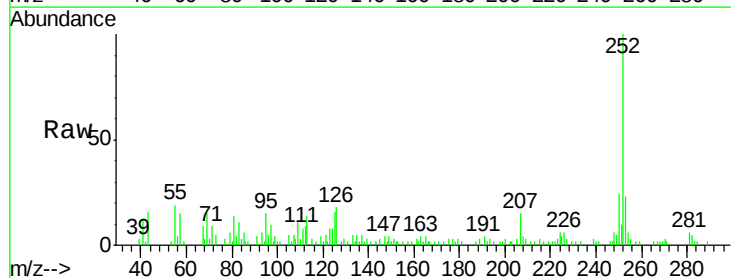
RT: 15.15 min Scan# 1187

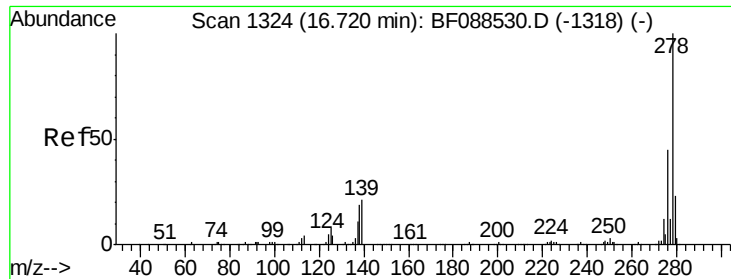
Delta R.T. -0.01 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

Tgt Ion:	252	Resp:	21035
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	16.3	12.5	18.7





#90

Dibenzo(a,h)anthracene

Concen: 1.16 ng

RT: 16.50 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

Instrument :

BNA_F

ClientSampled :

C3-03

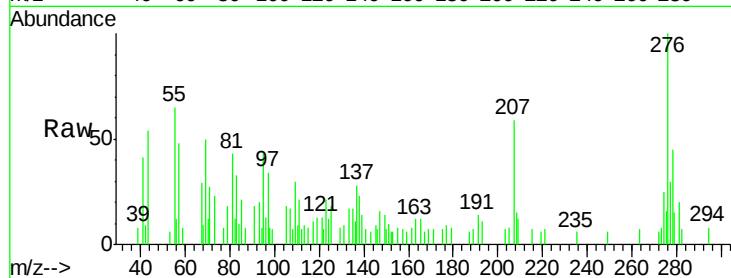
Tgt Ion:278 Resp: 5835

Ion Ratio Lower Upper

278 100

139 30.4 15.7 23.5#

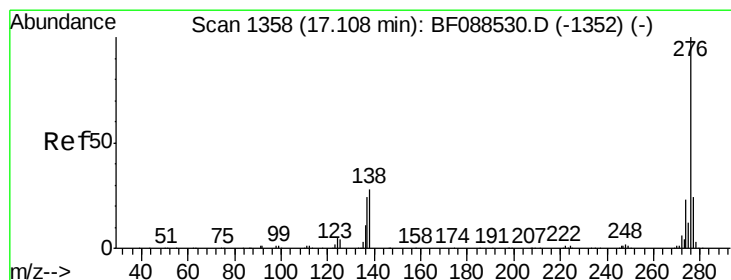
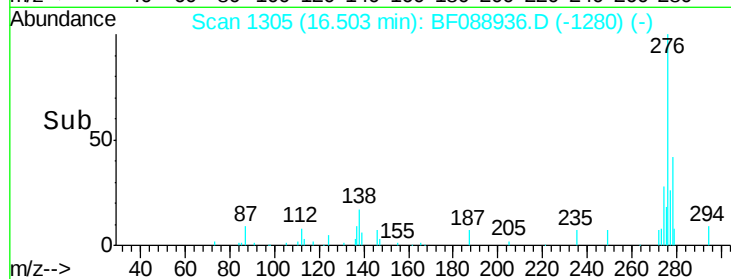
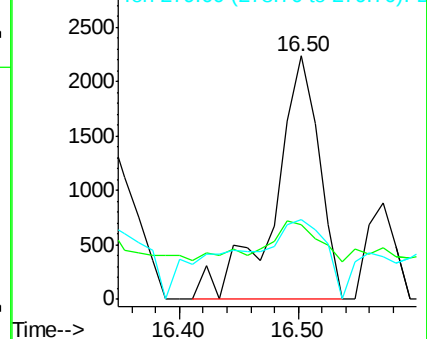
279 32.5 19.4 29.2#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 2.73 ng

RT: 16.88 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF088936.D

Acq: 12 Jul 2016 23:27

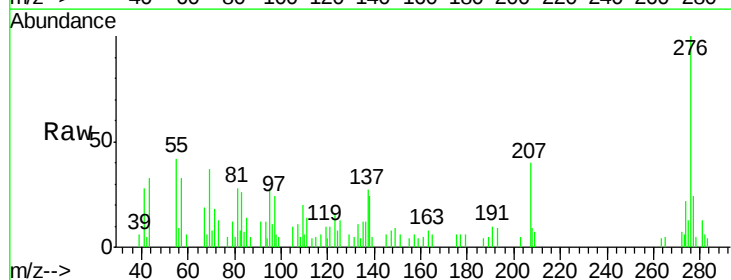
Tgt Ion:276 Resp: 14206

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 24.3 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

