

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
 Data File : BF088938.D
 Acq On : 13 Jul 2016 00:25
 Operator : UM/SJ
 Sample : H3935-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C3-8

Quant Time: Jul 13 02:19:57 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	6.87	152	187981	20.00	ng	0.16
21) Naphthalene-d8	7.99	136	211140	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	82582	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	126956	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	127787	20.00	ng	-0.01
86) Perylene-d12	15.21	264	103592	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	377554	30.10	ng	0.01
7) Phenol-d6	6.35	99	482970	29.80	ng	0.00
23) Nitrobenzene-d5	7.27	82	299023	74.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	78005	101.72	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	544004	104.05	ng	0.00
78) Terphenyl-d14	12.80	244	324337	56.53	ng	0.00

Target Compounds						Qvalue
4) n-Nitrosodimethylamine	2.87	42	898	0.13	ng	# 1
6) Aniline	6.48	93	705	0.03	ng	# 1
9) Benzaldehyde	6.35	77	771	0.07	ng	# 1
10) Phenol	6.48	94	945	0.05	ng	# 1
11) bis(2-Chloroethyl)ether	6.48	93	705	0.05	ng	# 1
15) Benzyl Alcohol	6.86	79	6028	0.51	ng	# 47
19) n-Nitroso-di-n-propylamine	7.27	70	39660	3.64	ng	# 76
22) Acetophenone	7.11	105	1304	0.25	ng	# 57
24) Nitrobenzene	7.27	77	1083	0.27	ng	# 22
25) Isophorone	7.27	82	255559	34.24	ng	# 65
31) Naphthalene	8.01	128	10000	0.96	ng	# 99
33) 4-Chloroaniline	8.01	127	1141	0.25	ng	# 35
35) Caprolactam	8.43	113	658	0.69	ng	# 90
37) 2-Methylnaphthalene	8.71	142	9261	1.38	ng	# 99
45) 1,1'-Biphenyl	9.16	154	1399	0.20	ng	# 81
47) 2-Nitroaniline	9.46	65	905	0.48	ng	# 1
48) Acenaphthylene	9.60	152	3031	0.35	ng	# 90
49) Dimethylphthalate	9.46	163	84096	14.29	ng	# 99
50) 2,6-Dinitrotoluene	9.46	165	792	0.61	ng	# 1
51) Acenaphthene	9.77	154	215	0.04	ng	# 75
54) Dibenzofuran	9.94	168	3201	0.47	ng	# 75
55) 4-Nitrophenol	9.94	139	1359	1.08	ng	# 5
56) 2,4-Dinitrotoluene	9.74	165	11333	6.65	ng	# 36
57) Fluorene	10.28	166	230	0.04	ng	# 59
59) Diethylphthalate	10.16	149	241	0.04	ng	# 60
62) Azobenzene	10.44	77	278	0.04	ng	# 1
65) n-Nitrosodiphenylamine	10.40	169	916	0.21	ng	# 24
66) 4-Bromophenyl-phenylether	10.52	248	6085	4.76	ng	# 1
70) Phenanthrene	11.23	178	13286	1.91	ng	# 100
71) Anthracene	11.29	178	3063	0.44	ng	# 98
72) Carbazole	11.45	167	1624	0.25	ng	# 85
73) Di-n-butylphthalate	11.78	149	1664	0.22	ng	# 77
74) Fluoranthene	12.42	202	14597	2.07	ng	# 96
77) Pyrene	12.64	202	14163	1.31	ng	# 96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
 Data File : BF088938.D
 Acq On : 13 Jul 2016 00:25
 Operator : UM/SJ
 Sample : H3935-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C3-8

Quant Time: Jul 13 02:19:57 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

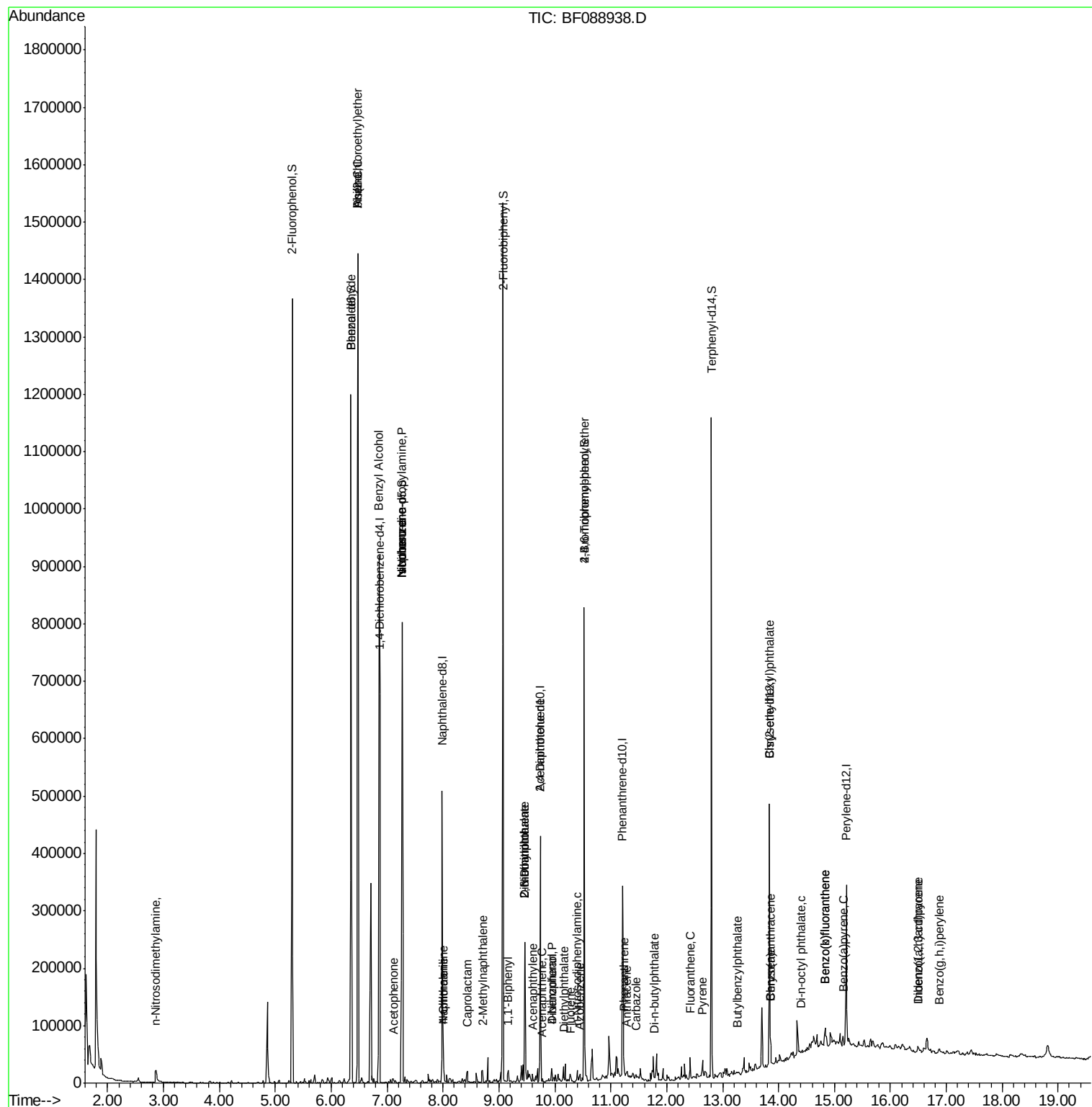
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Butylbenzylphthalate	13.27	149	1617	0.33	ng	# 34
80) Benzo(a)anthracene	13.86	228	20832	2.53	ng	# 92
82) Chrysene	13.86	228	20832	2.56	ng	97
83) Bis(2-ethylhexyl)phthalate	13.84	149	12860	2.33	ng	98
84) Di-n-octyl phthalate	14.40	149	194	0.02	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.49	276	3790	0.61	ng	# 100
87) Benzo(b)fluoranthene	14.83	252	17544	2.70	ng	# 89
88) Benzo(k)fluoranthene	14.83	252	17544	3.10	ng	# 94
89) Benzo(a)pyrene	15.15	252	5613	1.02	ng	# 86
90) Dibenzo(a,h)anthracene	16.50	278	1045	0.23	ng	# 28
91) Benzo(g,h,i)perylene	16.88	276	3428	0.72	ng	# 91

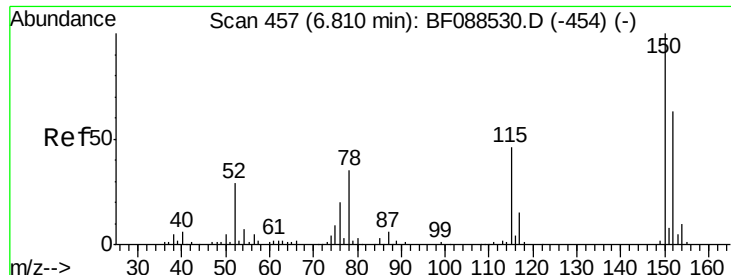
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
 Data File : BF088938.D
 Acq On : 13 Jul 2016 00:25
 Operator : UM/SJ
 Sample : H3935-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C3-8

Quant Time: Jul 13 02:19:57 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



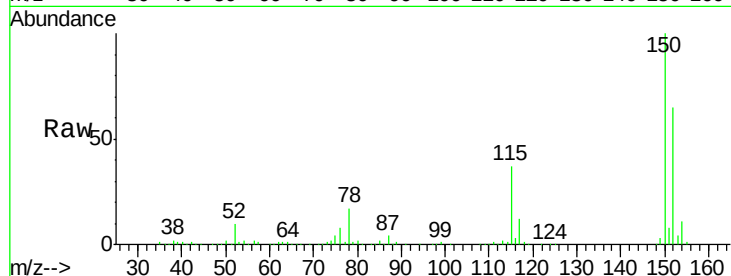


#1

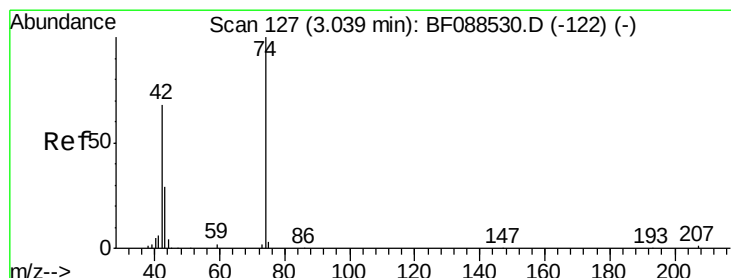
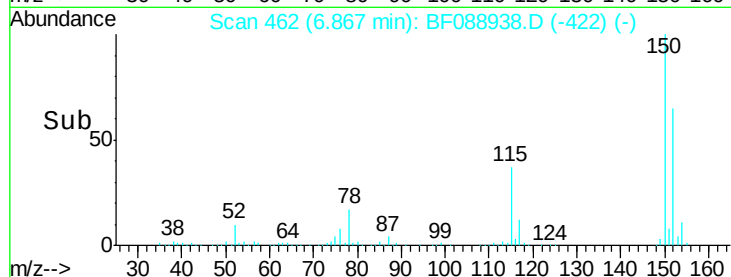
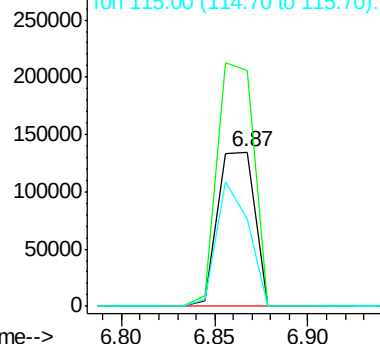
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 462
Delta R.T. 0.16 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

Instrument :
BNA_F
ClientSampleId :
C3-8

Tgt Ion: 152 Resp: 187981
Ion Ratio Lower Upper
152 100
150 153.1 123.8 185.6
115 57.1 39.6 59.4



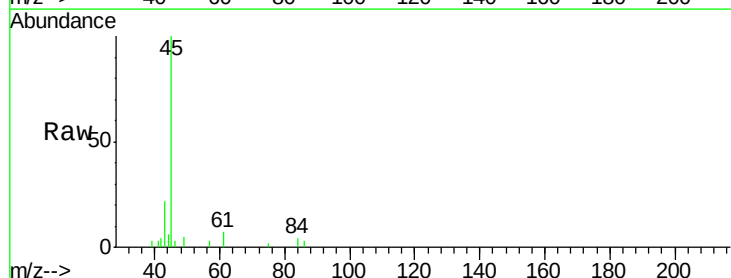
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



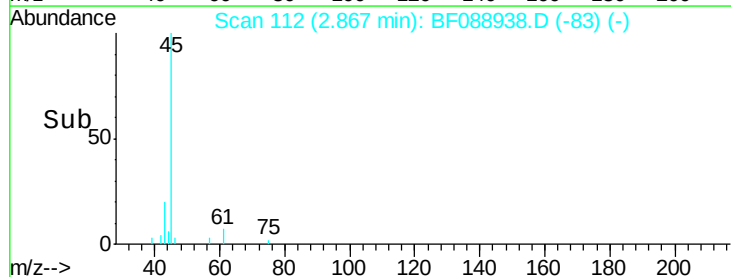
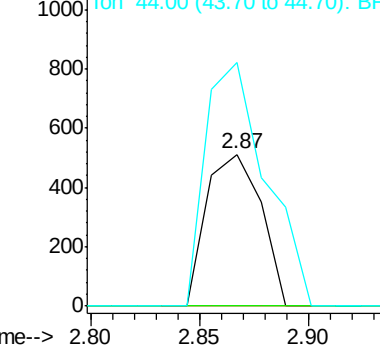
#4

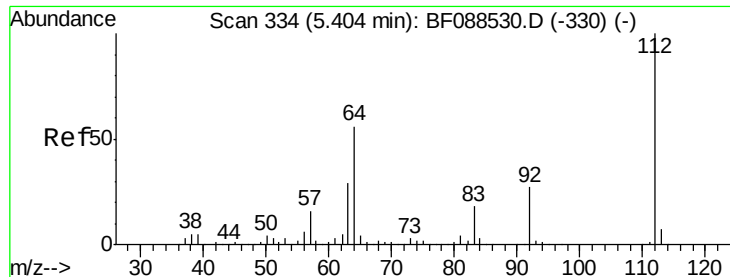
n-Nitrosodimethylamine
Concen: 0.13 ng
RT: 2.87 min Scan# 112
Delta R.T. 0.03 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

Tgt Ion: 42 Resp: 898
Ion Ratio Lower Upper
42 100
74 0.0 108.6 163.0#
44 160.2 5.5 8.3#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 30.10 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

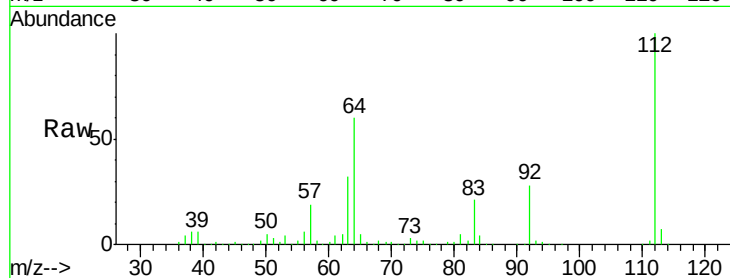
Instrument :

BNA_F

ClientSampleId :

C3-8

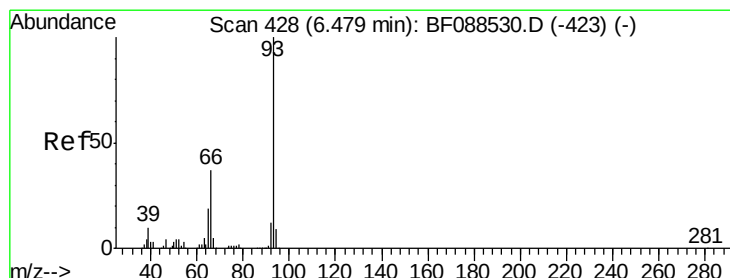
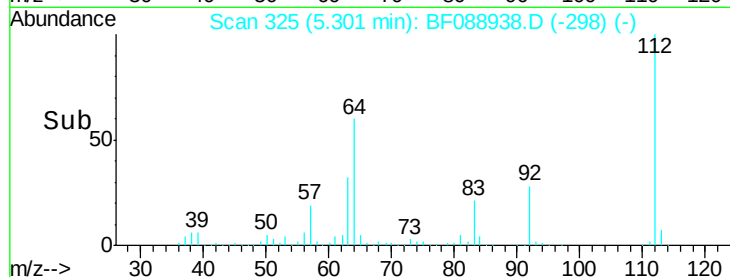
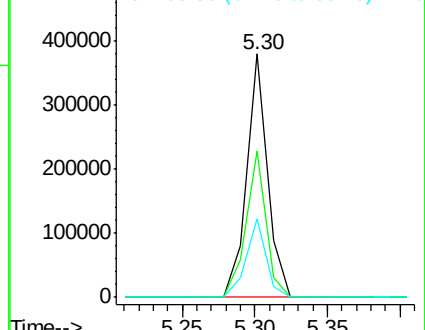
Tgt Ion:	112	Resp:	377554
Ion	Ratio	Lower	Upper
112	100		
64	60.2	42.2	63.2
63	32.5	21.8	32.8



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

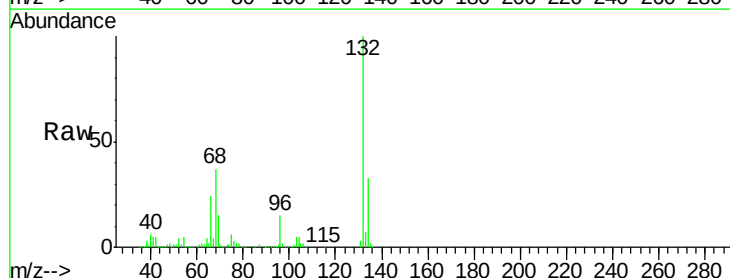
RT: 6.48 min Scan# 428

Delta R.T. 0.10 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

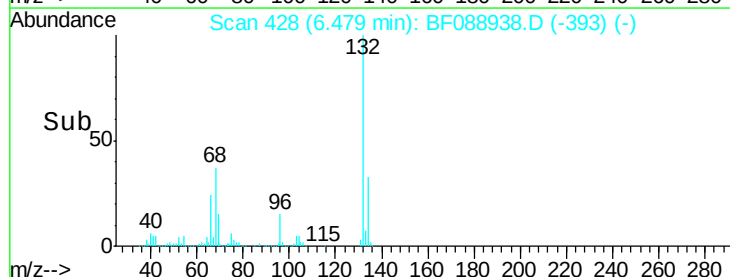
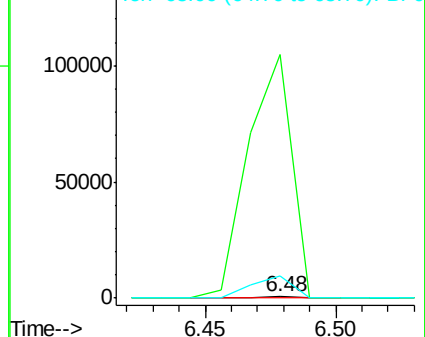
Tgt Ion:	93	Resp:	705
Ion	Ratio	Lower	Upper
93	100		
66	14836.3	29.8	44.8#
65	1333.0	14.9	22.3#

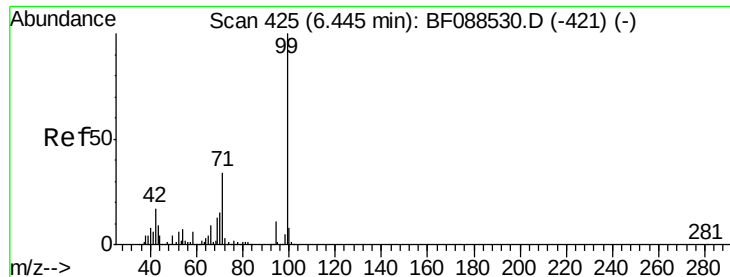


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 29.80 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

Instrument :

BNA_F

ClientSampled :

C3-8

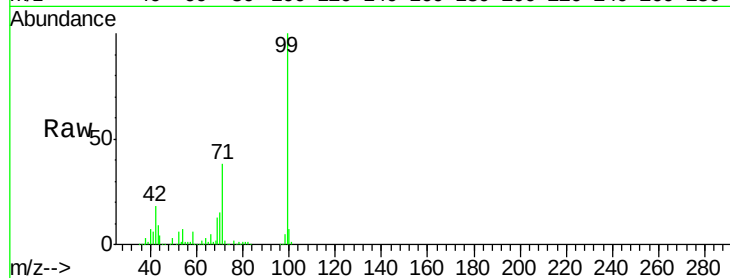
Tgt Ion: 99 Resp: 482970

Ion Ratio Lower Upper

99 100

42 18.1 12.2 18.2

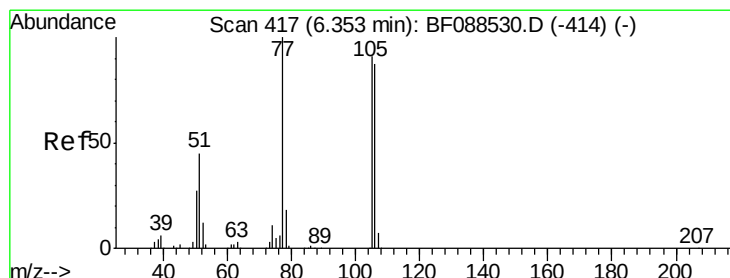
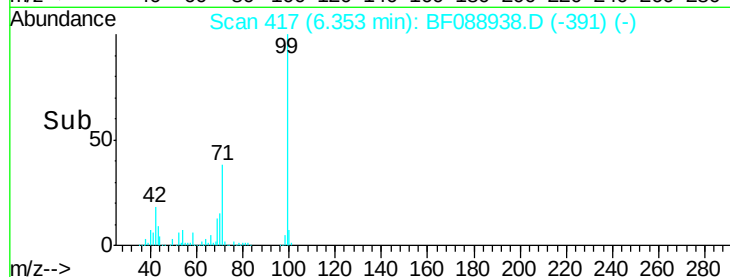
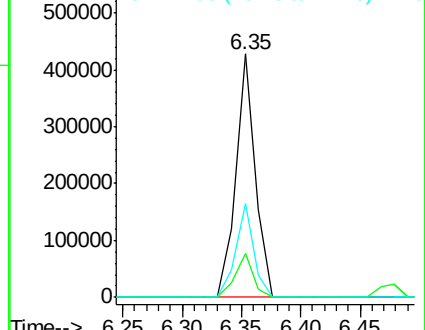
71 38.3 23.4 35.0#



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: 0.07 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.10 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

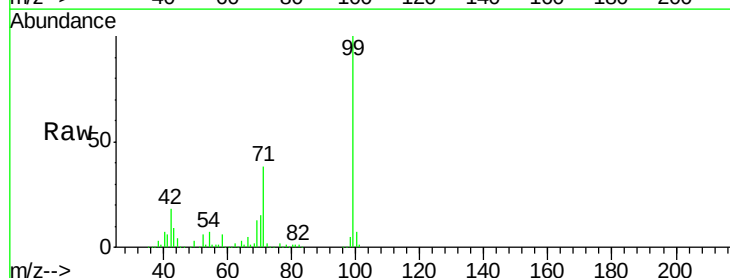
Tgt Ion: 77 Resp: 771

Ion Ratio Lower Upper

77 100

105 0.0 90.6 130.6#

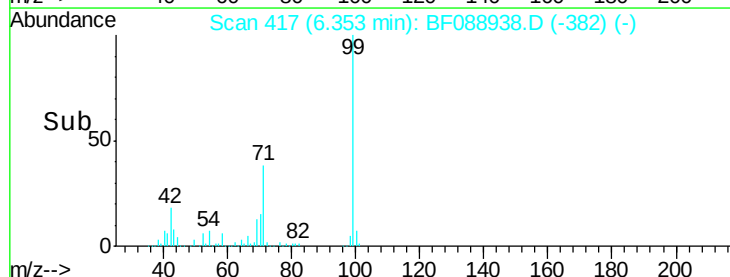
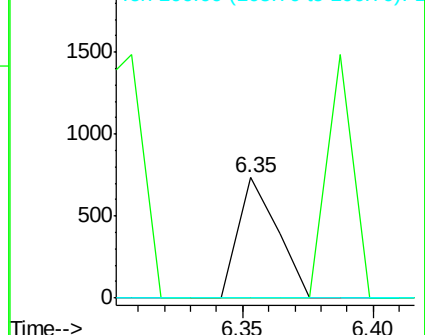
106 0.0 85.3 125.3#

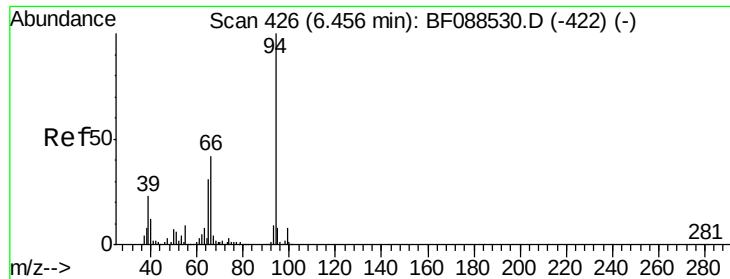


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.05 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.11 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

Instrument :

BNA_F

ClientSampled :

C3-8

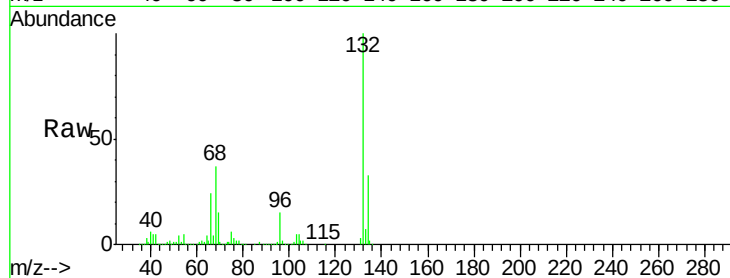
Tgt Ion: 94 Resp: 945

Ion Ratio Lower Upper

94 100

65 1085.5 5.9 45.9#

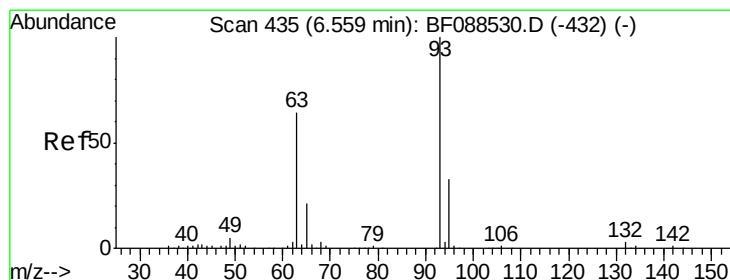
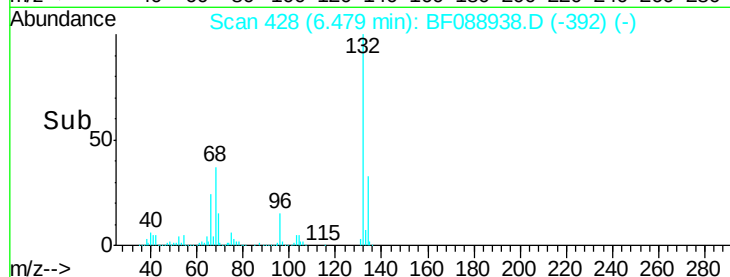
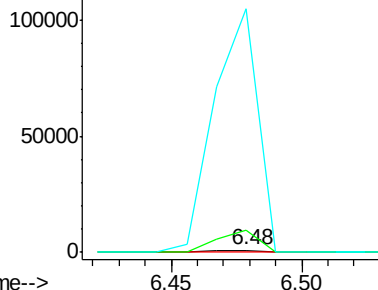
66 12081.2 14.0 54.0#



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: 0.05 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.02 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

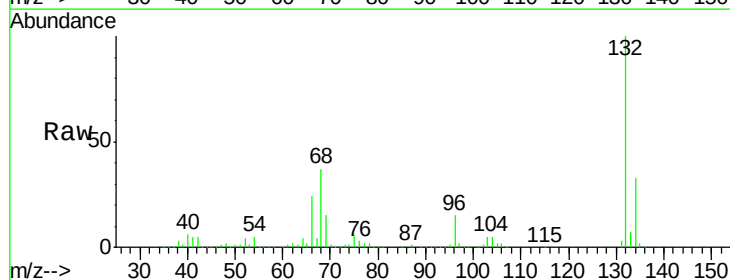
Tgt Ion: 93 Resp: 705

Ion Ratio Lower Upper

93 100

63 576.2 67.6 107.6#

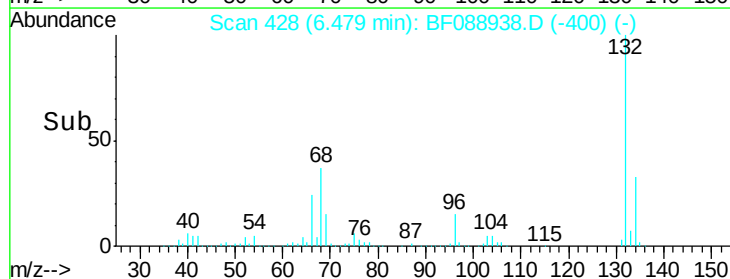
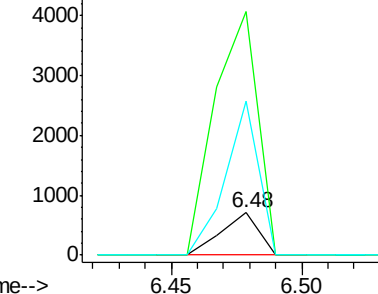
95 364.4 12.5 52.5#

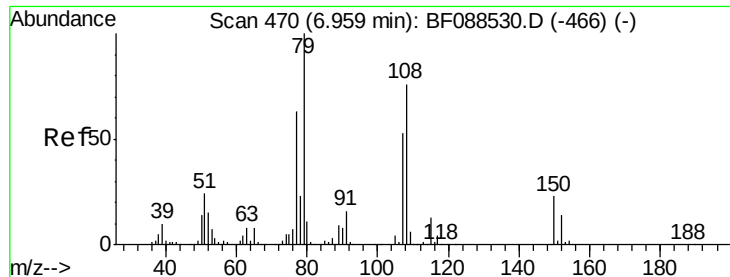


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#15

Benzyl Alcohol

Concen: 0.51 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

Instrument :

BNA_F

ClientSampled :

C3-8

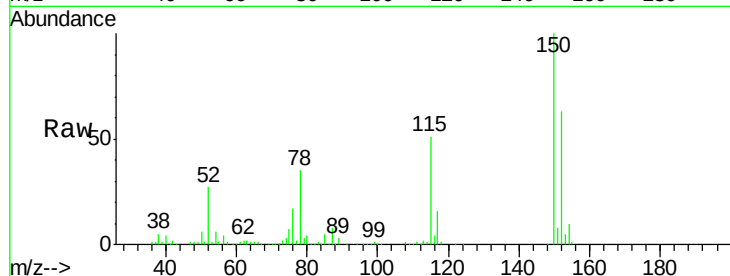
Tgt Ion: 79 Resp: 6028

Ion Ratio Lower Upper

79 100

108 26.8 65.0 97.6#

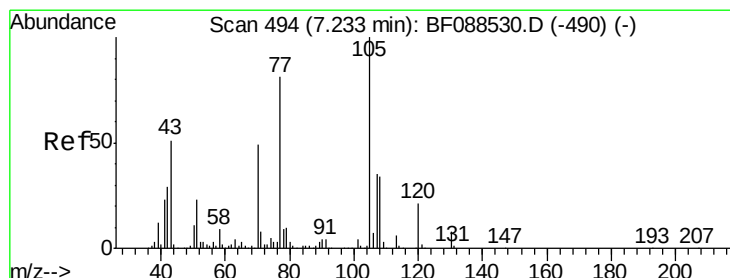
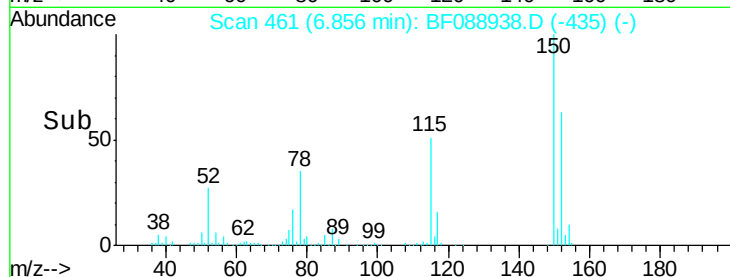
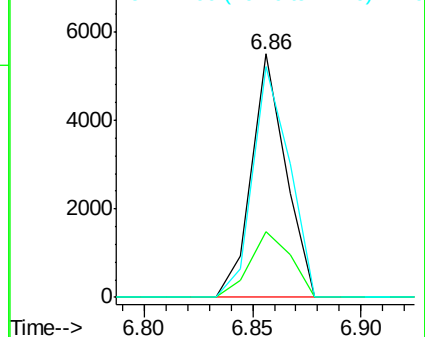
77 94.9 50.3 75.5#



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



#19

n-Nitroso-di-n-propylamine

Concen: 3.64 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.13 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

Tgt Ion: 70 Resp: 39660

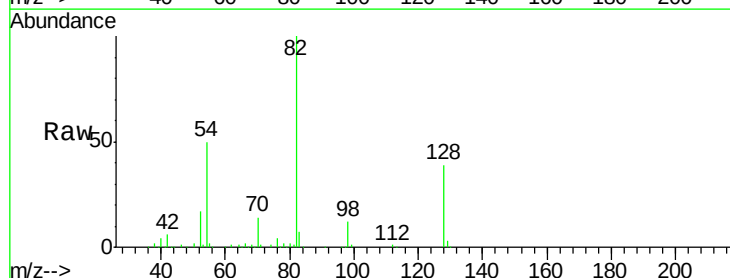
Ion Ratio Lower Upper

70 100

42 47.4 49.6 74.4#

101 0.0 7.1 10.7#

130 1.9 15.4 23.2#

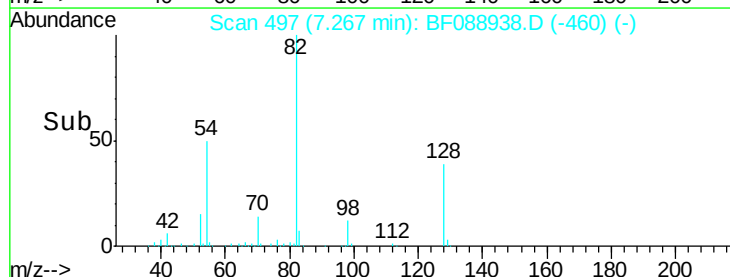
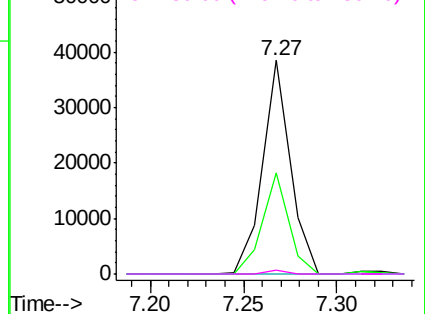


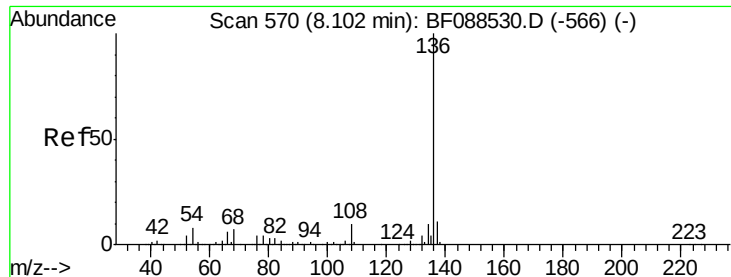
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

Instrument :

BNA_F

ClientSampleId :

C3-8

Tgt Ion:136 Resp: 211140

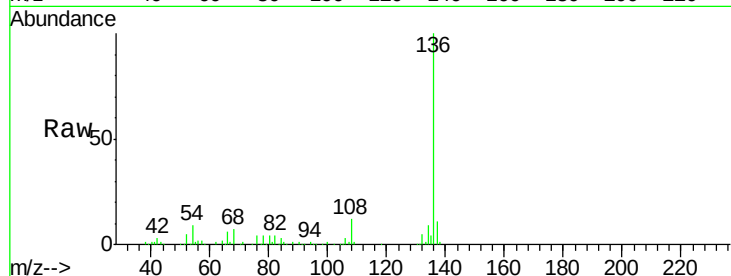
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.6 6.6 10.0

68 6.6 5.1 7.7

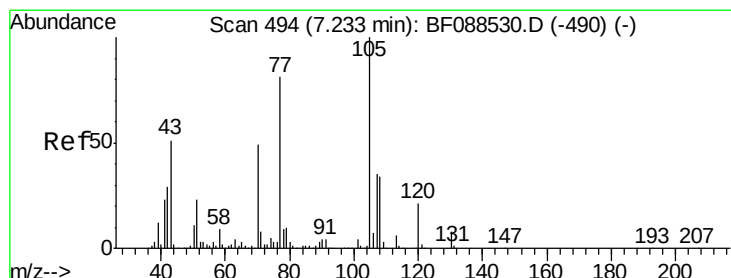
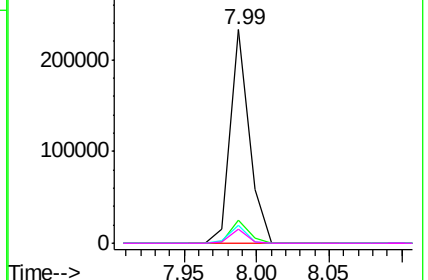
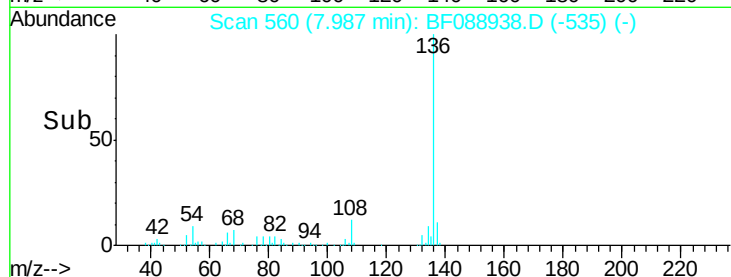


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.25 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

Tgt Ion:105 Resp: 1304

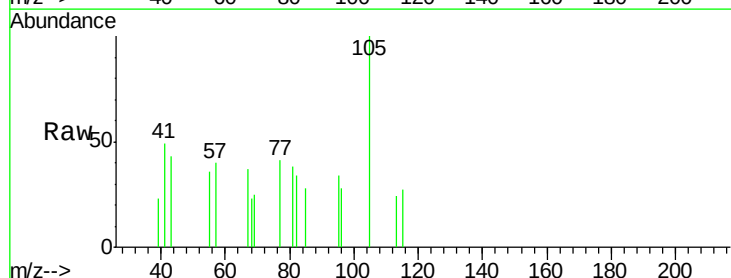
Ion Ratio Lower Upper

105 100

71 0.0 5.3 7.9#

51 0.0 18.2 27.4#

120 0.0 18.0 27.0#

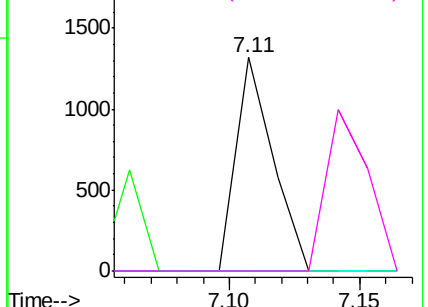
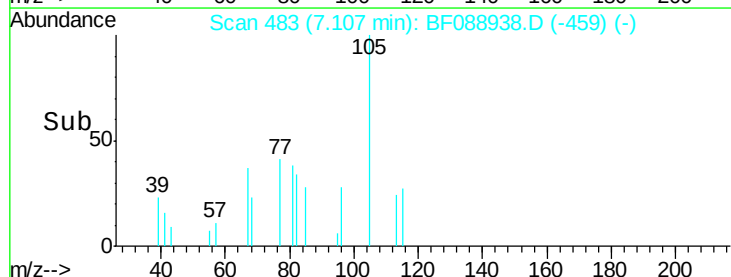


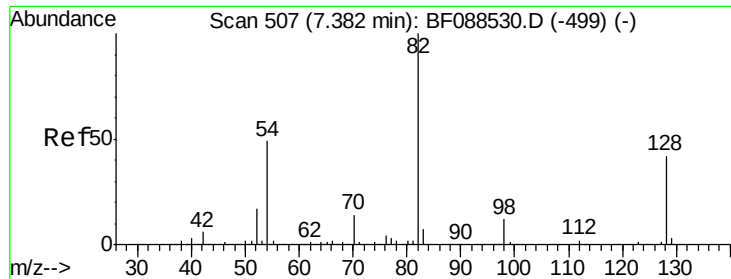
Abundance Ion 105.00 (104.70 to 105.70): E

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

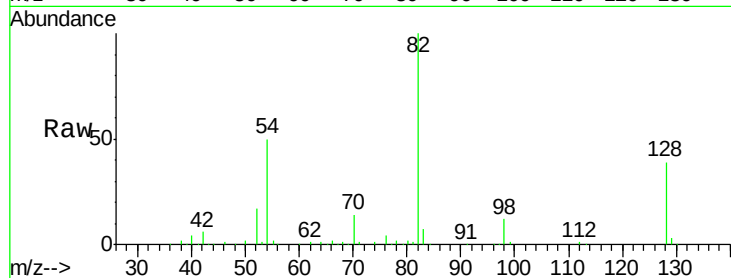




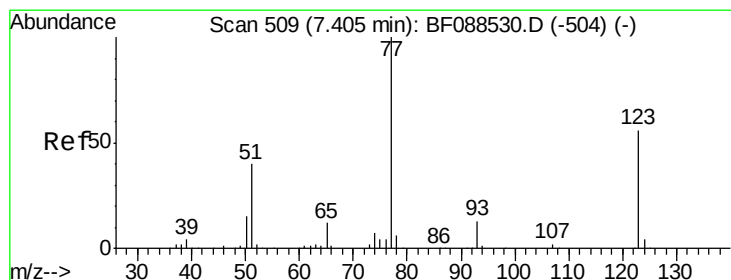
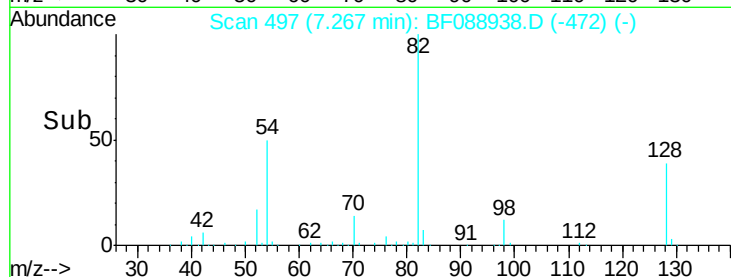
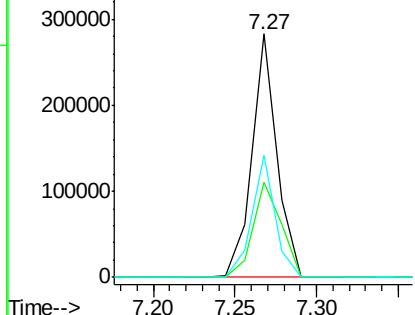
#23
 Nitrobenzene-d5
 Concen: 74.22 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF088938.D
 Acq: 13 Jul 2016 00:25

Instrument :
 BNA_F
 ClientSampled :
 C3-8

Tgt Ion: 82 Resp: 299023
 Ion Ratio Lower Upper
 82 100
 128 39.2 35.9 53.9
 54 49.9 40.9 61.3

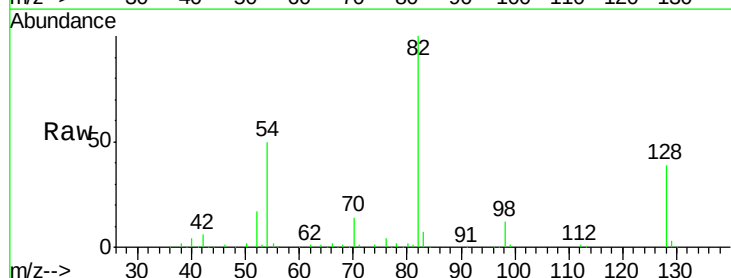


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

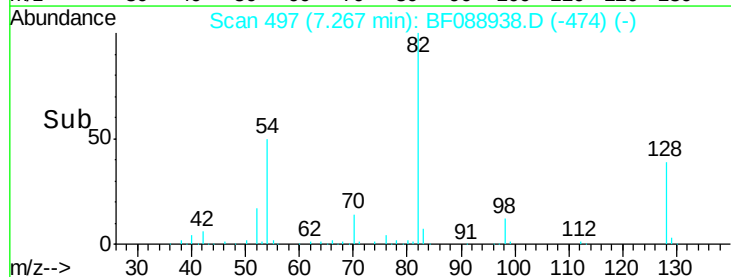
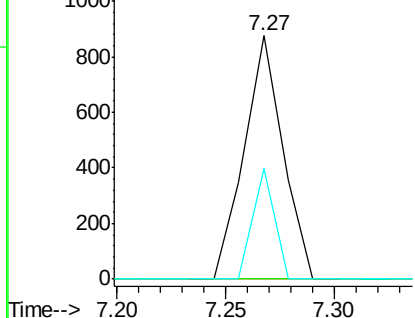


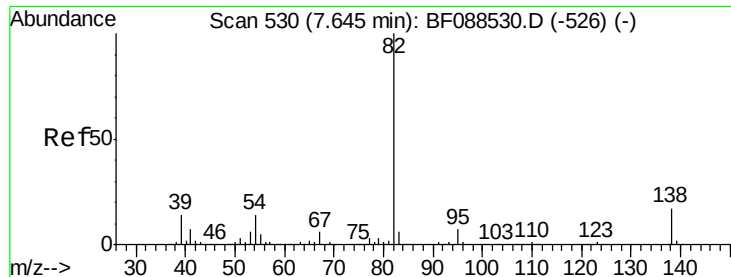
#24
 Nitrobenzene
 Concen: 0.27 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.03 min
 Lab File: BF088938.D
 Acq: 13 Jul 2016 00:25

Tgt Ion: 77 Resp: 1083
 Ion Ratio Lower Upper
 77 100
 123 0.0 45.0 67.4#
 65 45.4 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: 34.24 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.27 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

Instrument :

BNA_F

ClientSampled :

C3-8

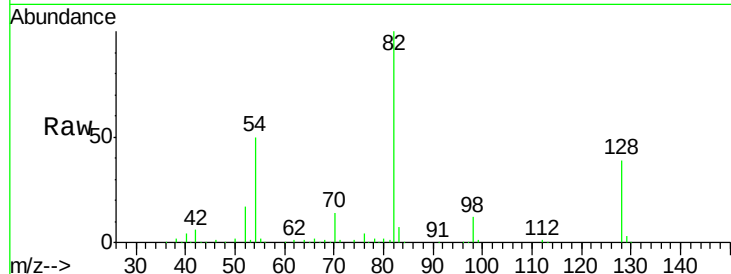
Tgt Ion: 82 Resp: 255559

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

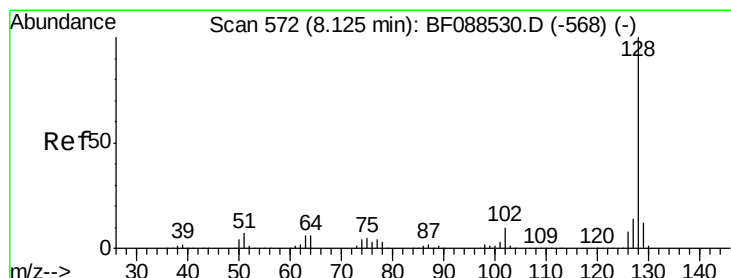
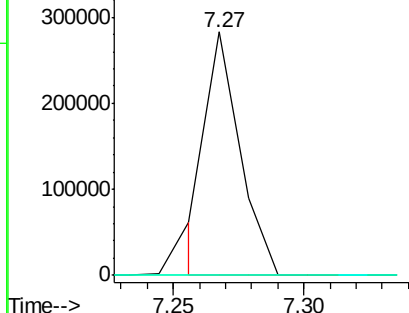
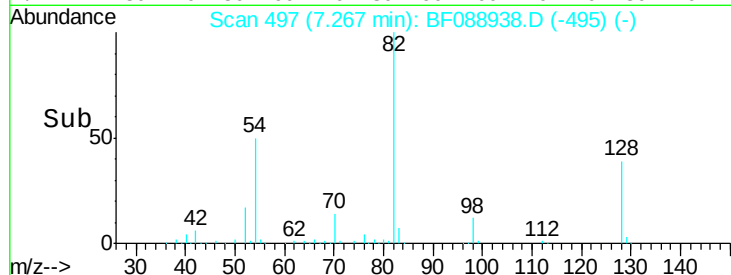
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF088938.D (-495) (-)

Ion 95.00 (94.70 to 95.70): BF088938.D (-495) (-)

Ion 138.00 (137.70 to 138.70): BF088938.D (-495) (-)



#31

Naphthalene

Concen: 0.96 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

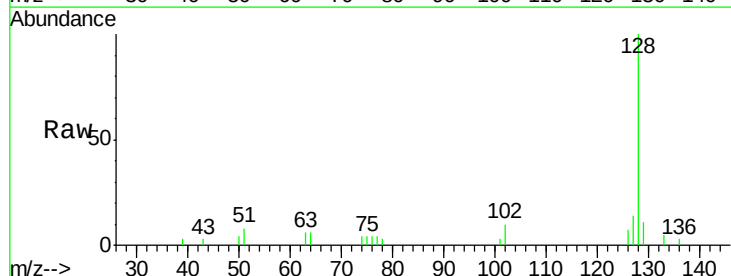
Tgt Ion: 128 Resp: 10000

Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.2

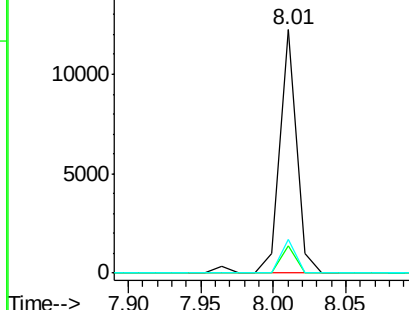
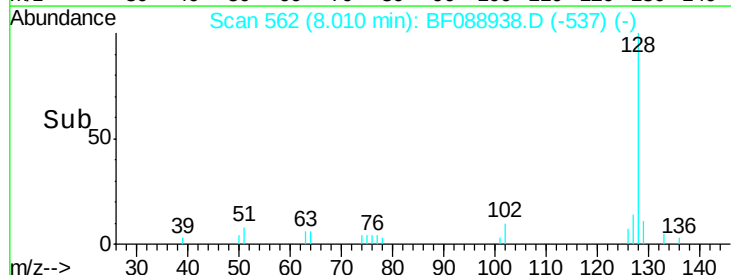
127 13.6 10.9 16.3

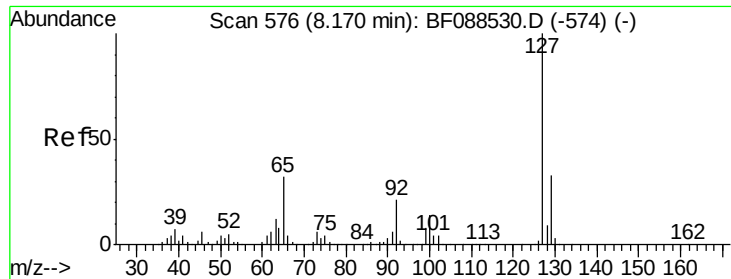


Abundance Ion 128.00 (127.70 to 128.70): BF088938.D (-537) (-)

Ion 129.00 (128.70 to 129.70): BF088938.D (-537) (-)

Ion 127.00 (126.70 to 127.70): BF088938.D (-537) (-)

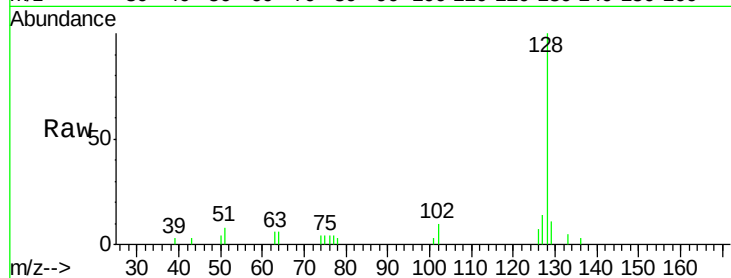




#33
4-Chloroaniline
Concen: 0.25 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.06 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

Instrument :
BNA_F
ClientSampleId :
C3-8

Tgt Ion:	127	Resp:	1141
Ion	Ratio	Lower	Upper
127	100		
129	81.3	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#

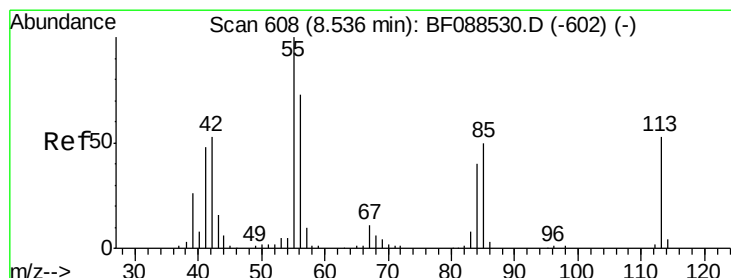
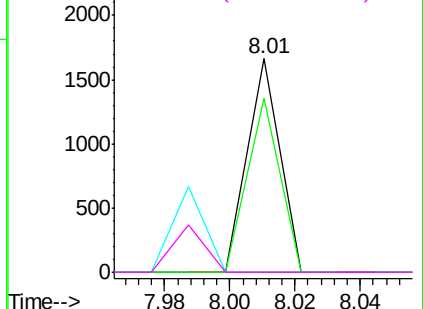
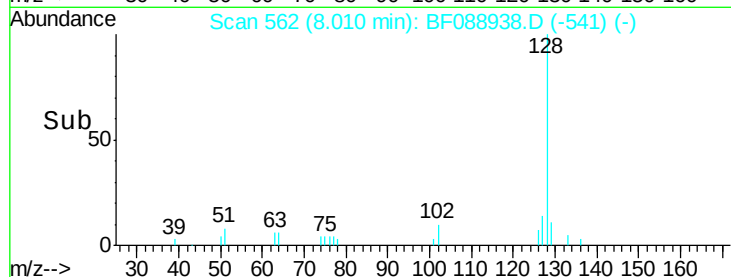


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

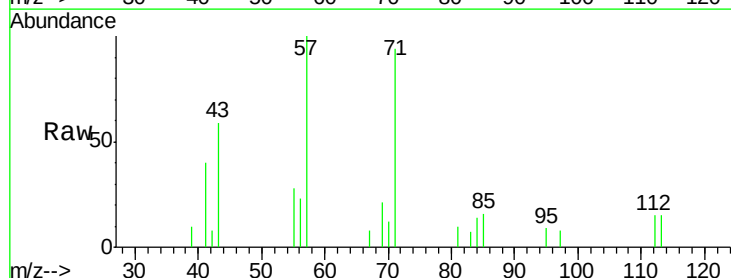
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#35
Caprolactam
Concen: 0.69 ng
RT: 8.43 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

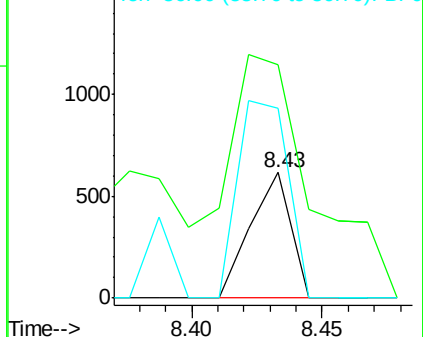
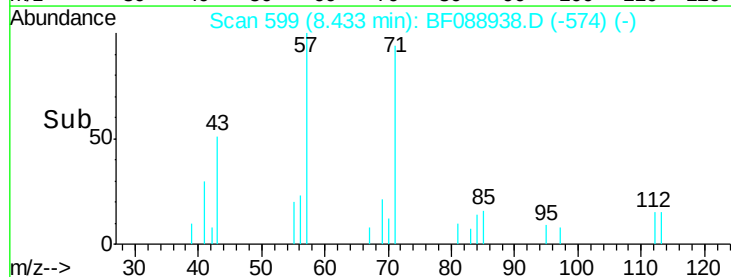
Tgt Ion:	113	Resp:	658
Ion	Ratio	Lower	Upper
113	100		
55	185.7	158.6	198.6
56	151.5	110.6	150.6#

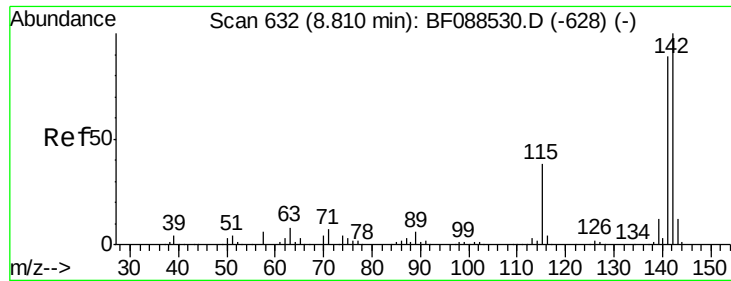


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

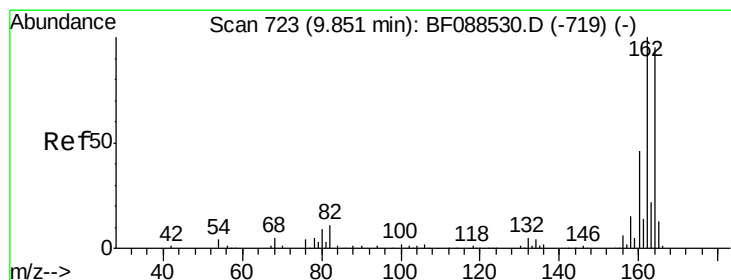
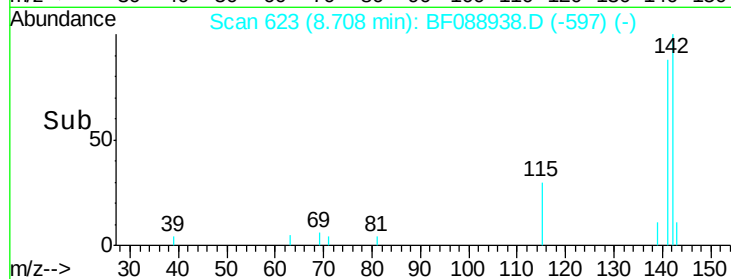
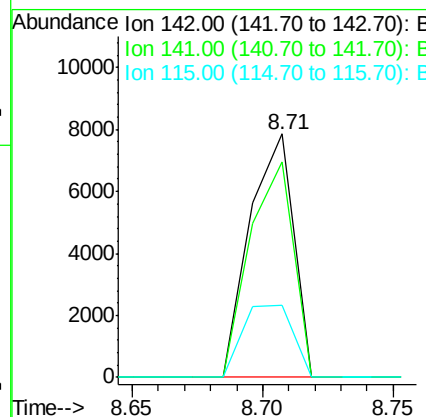
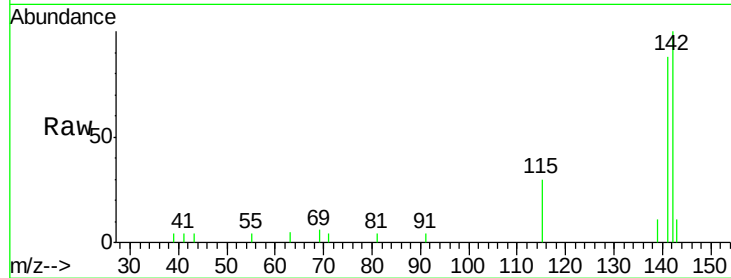




#37
 2-Methylnaphthalene
 Concen: 1.38 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF088938.D
 Acq: 13 Jul 2016 00:25

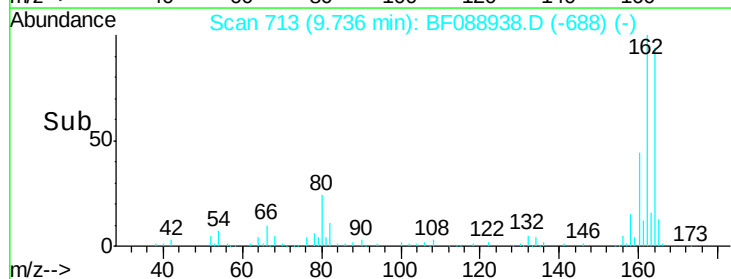
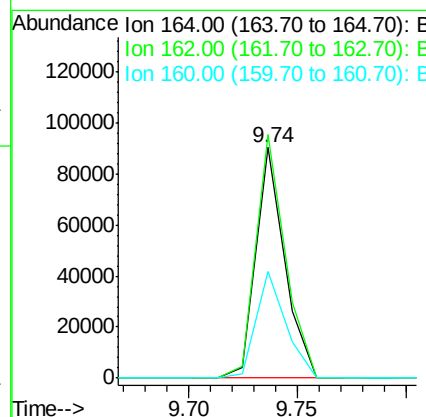
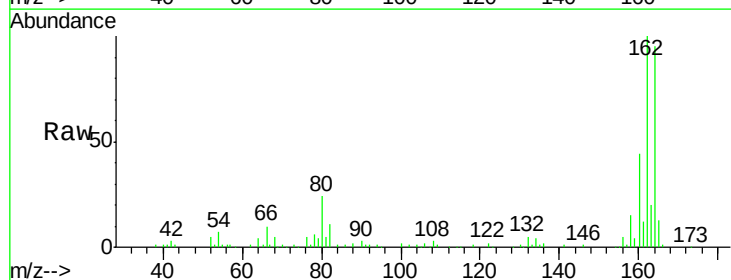
Instrument :
 BNA_F
 ClientSampled :
 C3-8

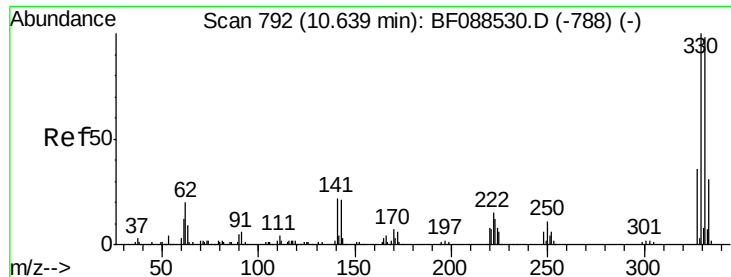
Tgt Ion:142 Resp: 9261
 Ion Ratio Lower Upper
 142 100
 141 88.2 71.0 106.6
 115 29.7 22.6 33.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF088938.D
 Acq: 13 Jul 2016 00:25

Tgt Ion:164 Resp: 82582
 Ion Ratio Lower Upper
 164 100
 162 105.7 85.4 128.2
 160 46.2 39.5 59.3

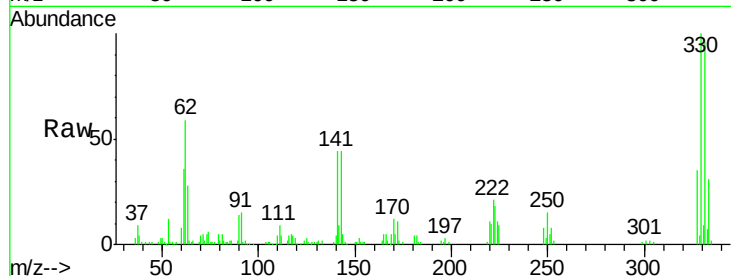




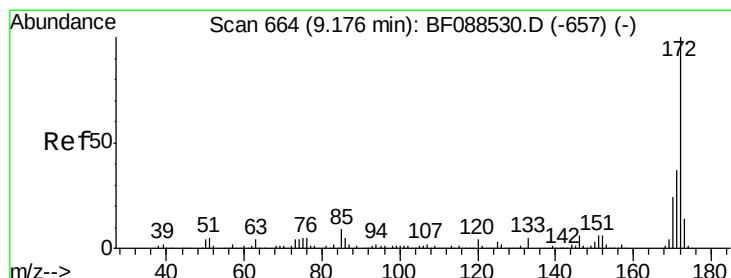
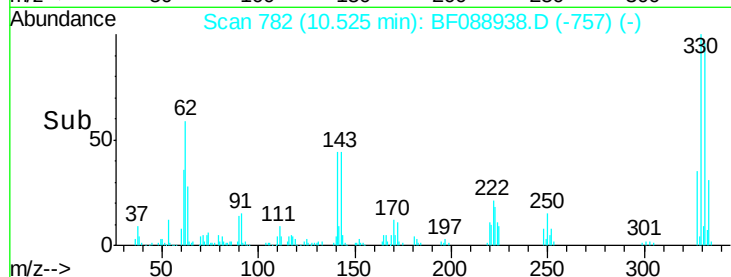
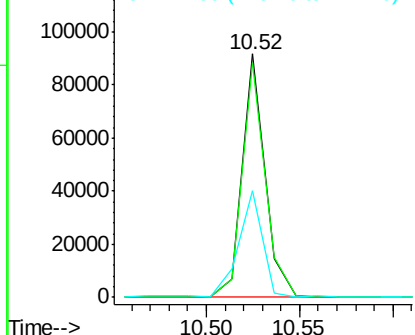
#41
 2,4,6-Tribromophenol
 Concen: 101.72 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088938.D
 Acq: 13 Jul 2016 00:25

Instrument :
 BNA_F
 ClientSampleId :
 C3-8

Tgt Ion:330 Resp: 78005
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 48.6 0.0 0.0#

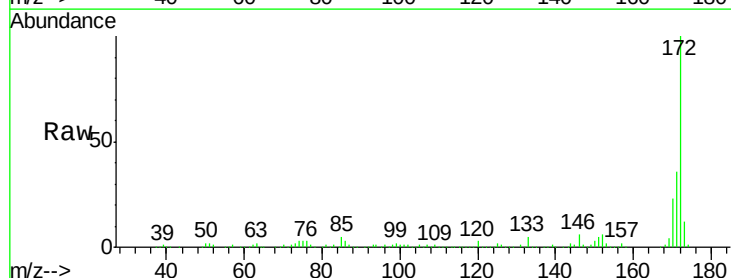


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

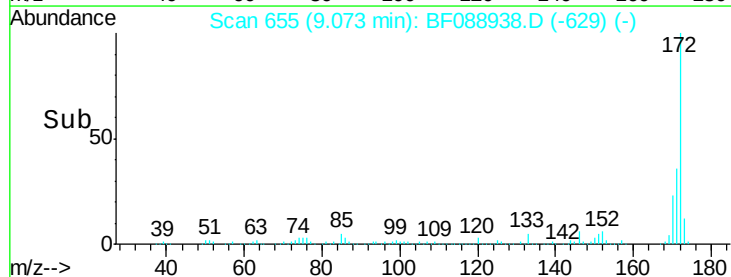
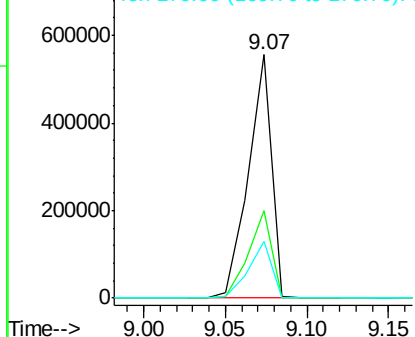


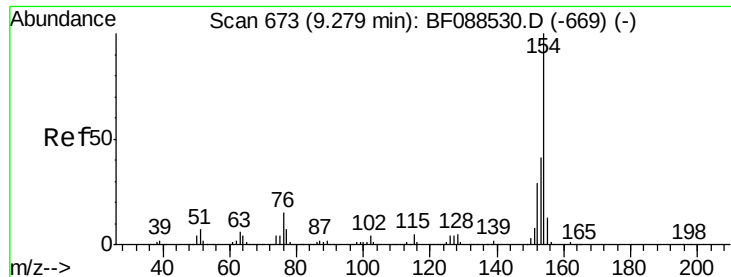
#44
 2-Fluorobiphenyl
 Concen: 104.05 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF088938.D
 Acq: 13 Jul 2016 00:25

Tgt Ion:172 Resp: 544004
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 23.4 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: 0.20 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

Instrument :

BNA_F

ClientSampled :

C3-8

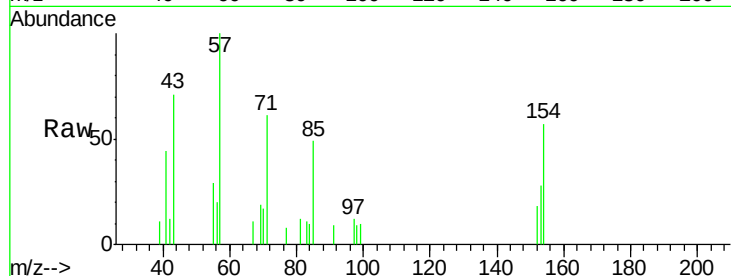
Tgt Ion: 154 Resp: 1399

Ion Ratio Lower Upper

154 100

153 48.6 20.6 60.6

76 0.0 0.0 35.1

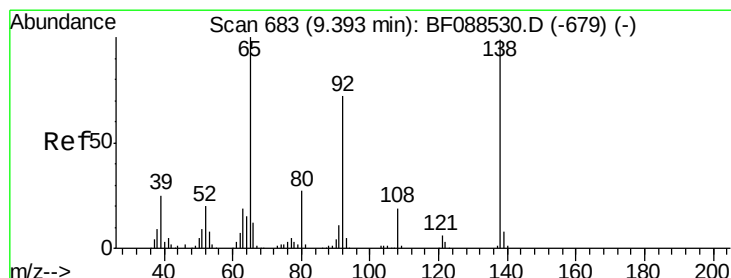
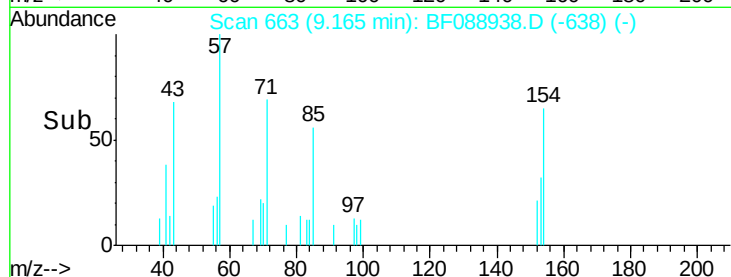


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E

Time--> 9.12 9.14 9.16 9.18 9.20



#47

2-Nitroaniline

Concen: 0.48 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.17 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

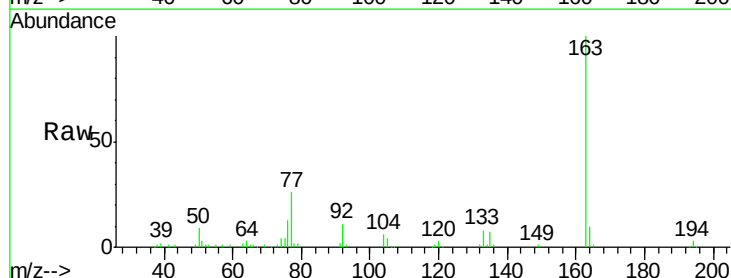
Tgt Ion: 65 Resp: 905

Ion Ratio Lower Upper

65 100

92 832.1 54.6 82.0#

138 0.0 77.0 115.4#

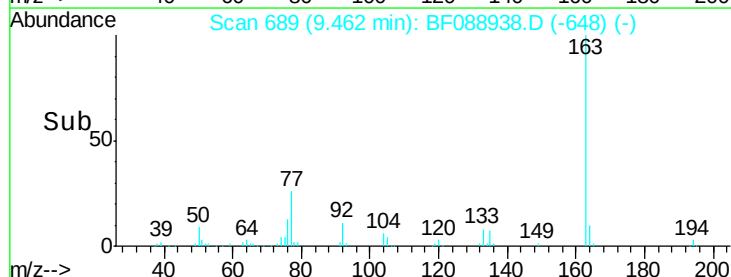


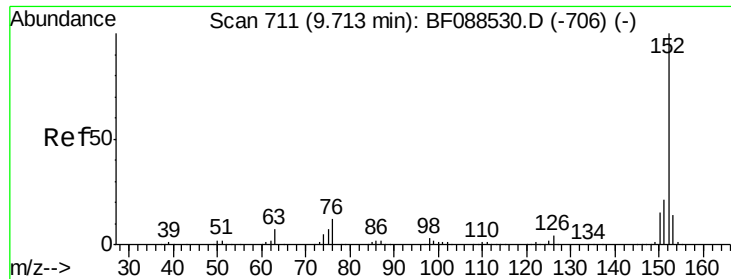
Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

Time--> 9.42 9.44 9.46 9.48 9.50





#48

Acenaphthylene

Concen: 0.35 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

Instrument :

BNA_F

ClientSampleId :

C3-8

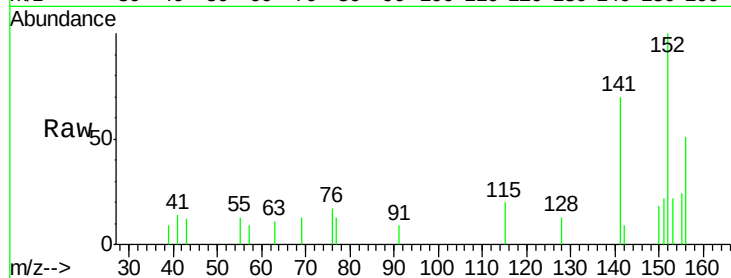
Tgt Ion:152 Resp: 3031

Ion Ratio Lower Upper

152 100

151 22.0 16.2 24.4

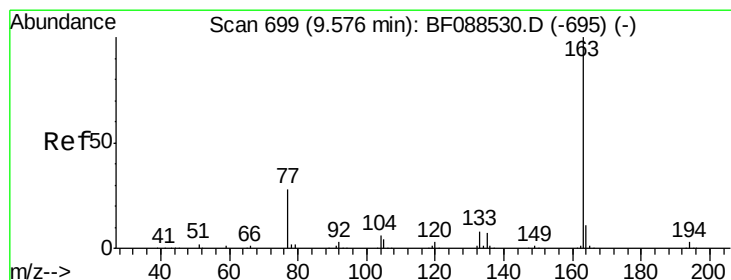
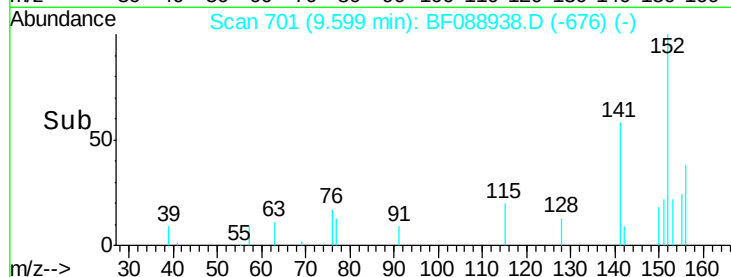
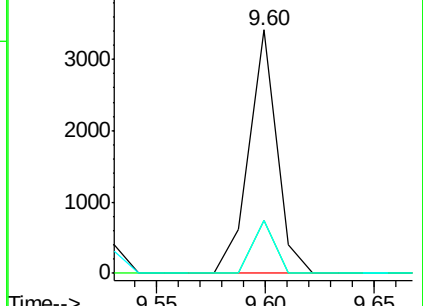
153 21.7 11.0 16.6#



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: 14.29 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

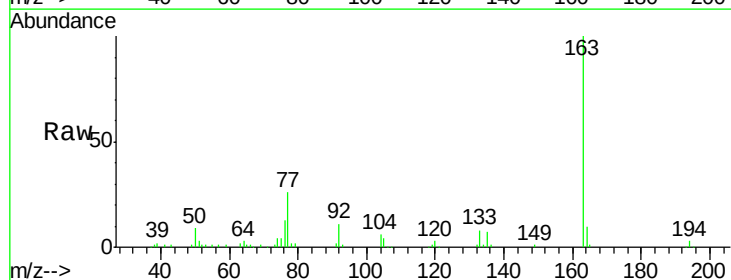
Tgt Ion:163 Resp: 84096

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

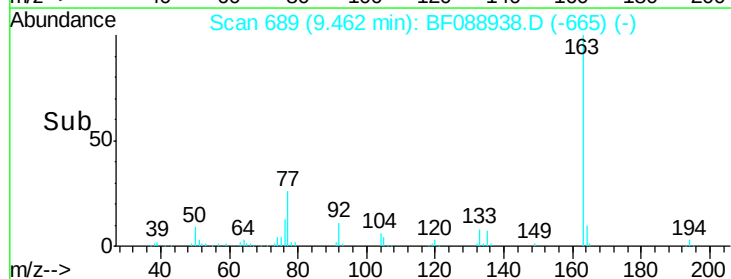
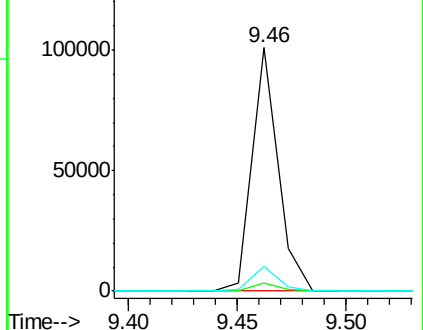
164 10.2 8.3 12.5

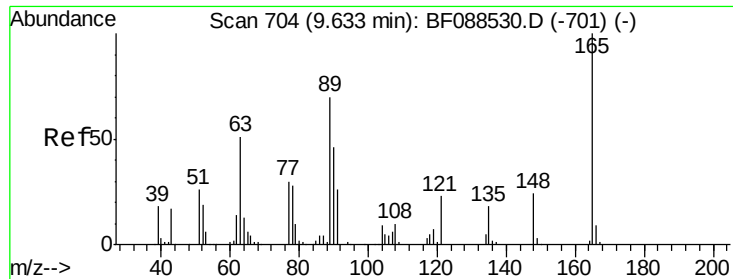


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

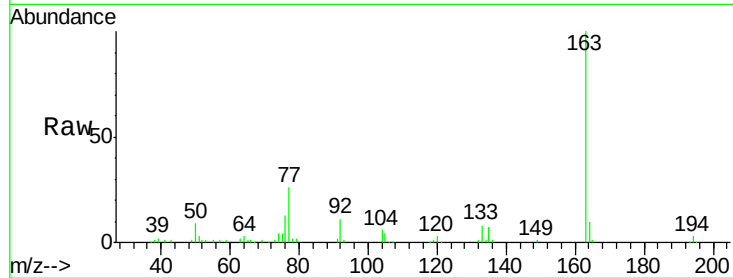




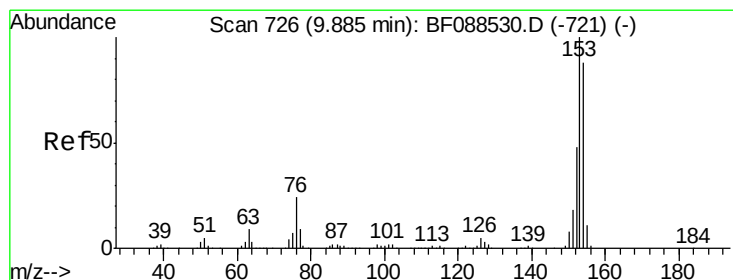
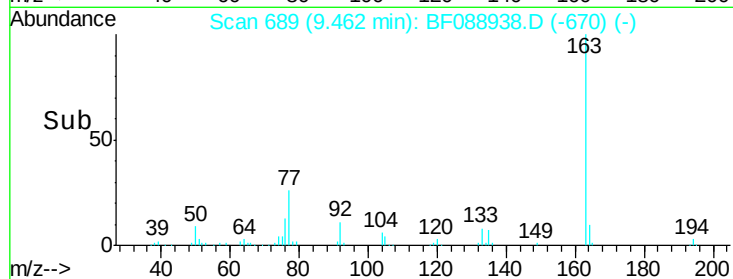
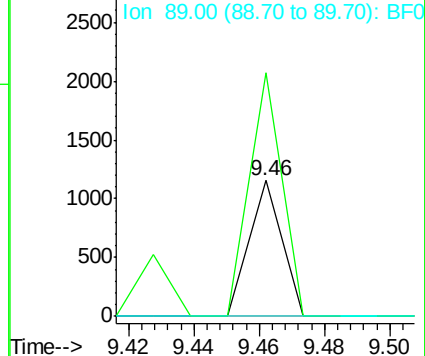
#50
2,6-Dinitrotoluene
Concen: 0.61 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.08 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

Instrument :
BNA_F
ClientSampled :
C3-8

Tgt Ion:165 Resp: 792
Ion Ratio Lower Upper
165 100
63 179.3 28.1 42.1#
89 0.0 32.2 48.2#

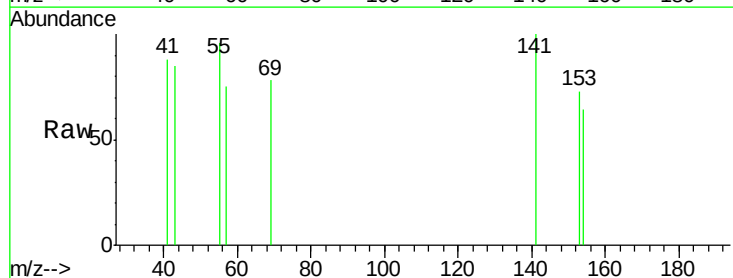


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

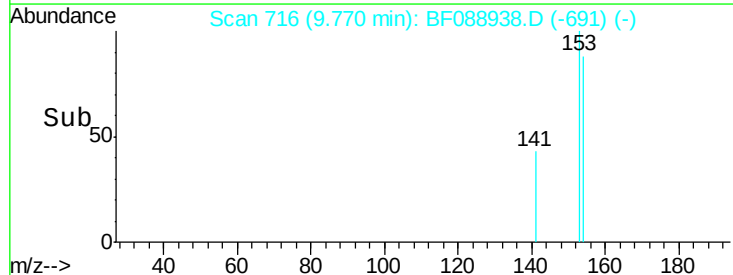
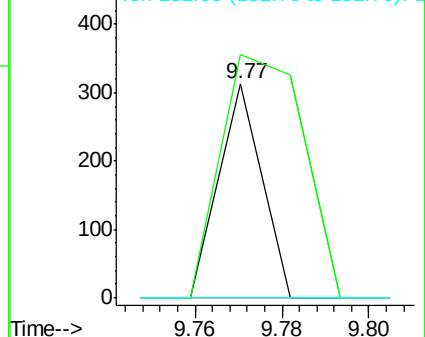


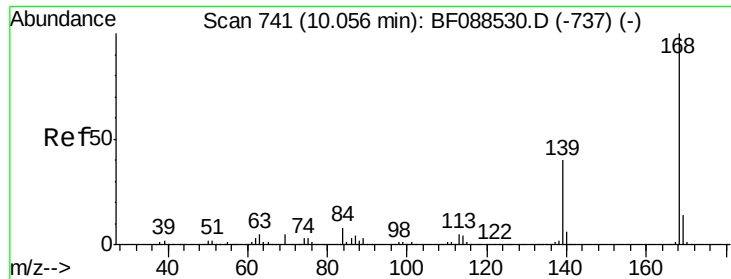
#51
Acenaphthene
Concen: 0.04 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

Tgt Ion:154 Resp: 215
Ion Ratio Lower Upper
154 100
153 113.7 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

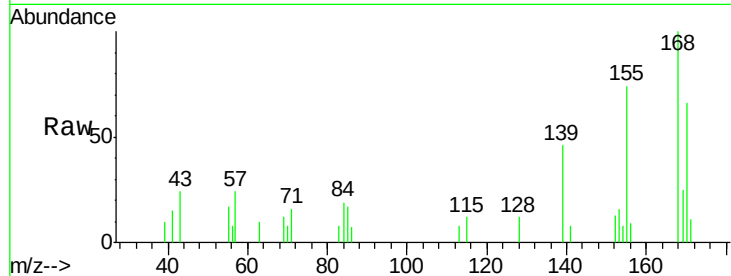




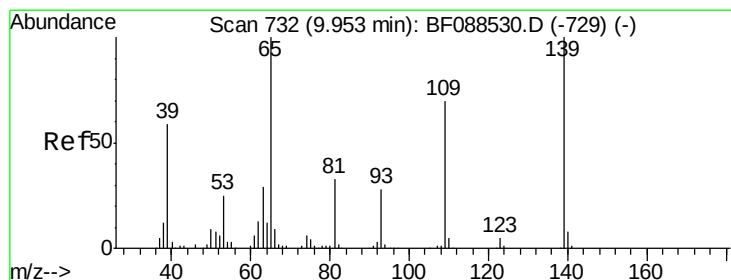
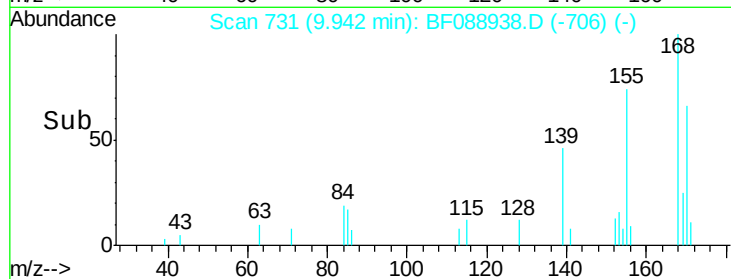
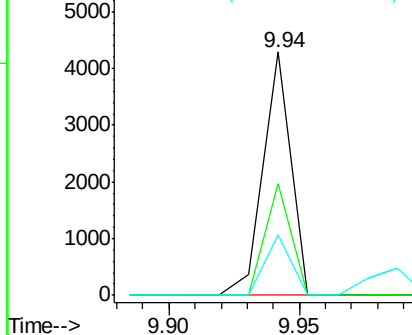
#54
Dibenzofuran
Concen: 0.47 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

Instrument :
BNA_F
ClientSampleId :
C3-8

Tgt Ion:168 Resp: 3201
Ion Ratio Lower Upper
168 100
139 46.1 26.4 39.6#
169 25.1 10.4 15.6#

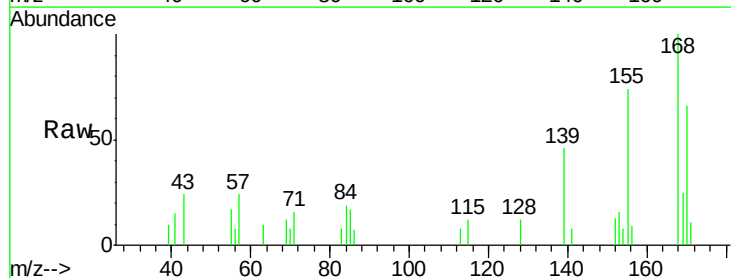


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

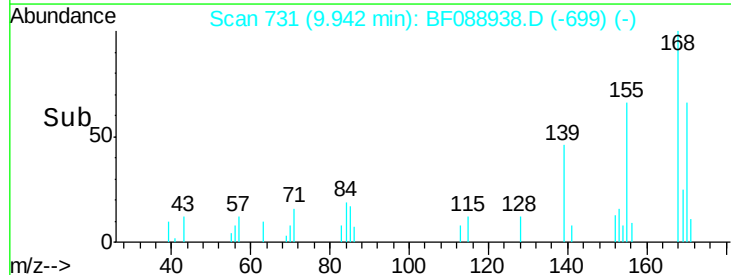
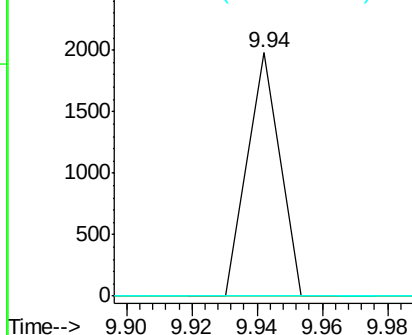


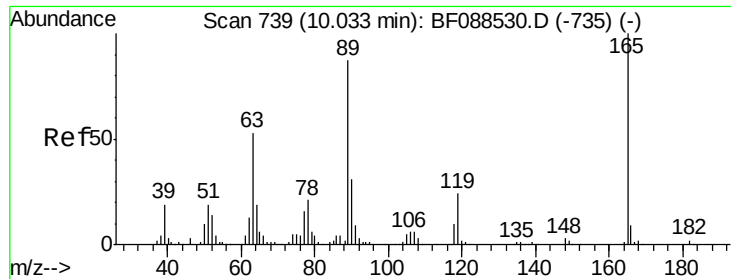
#55
4-Nitrophenol
Concen: 1.08 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.07 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

Tgt Ion:139 Resp: 1359
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

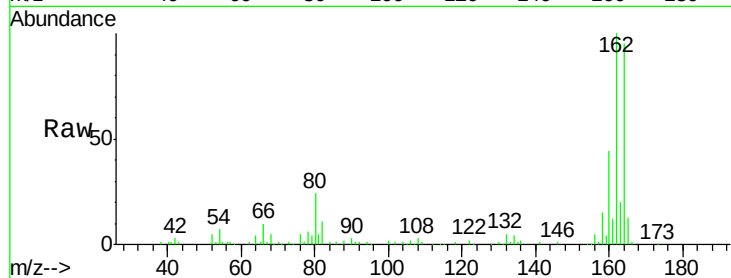




#56
2,4-Dinitrotoluene
Concen: 6.65 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.21 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

Instrument :
BNA_F
ClientSampleId :
C3-8

Tgt Ion:	165	Resp:	11333
Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

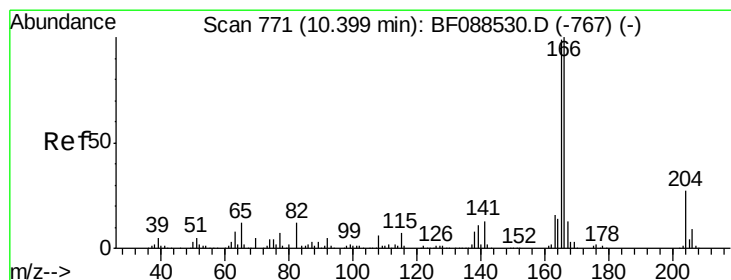
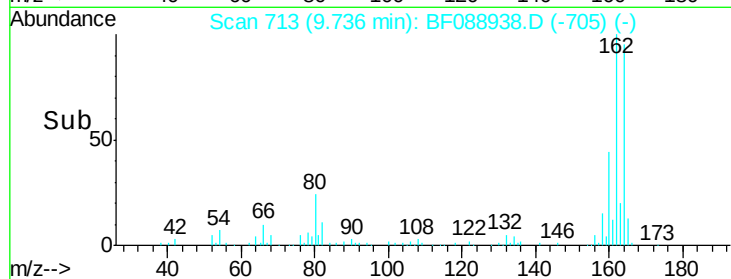
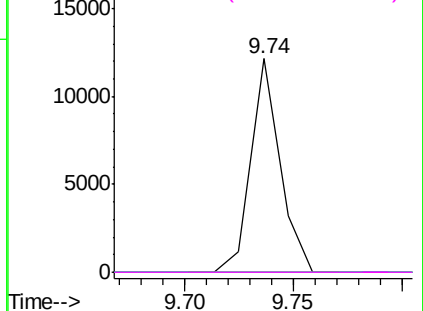


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

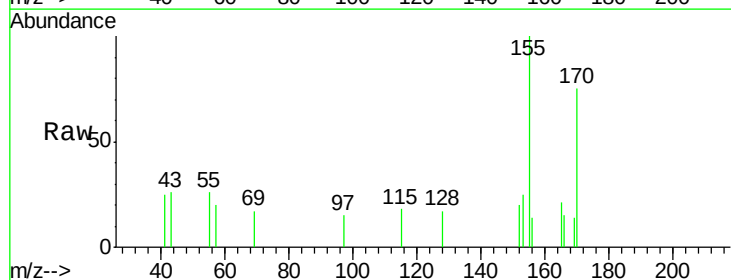
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 0.04 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

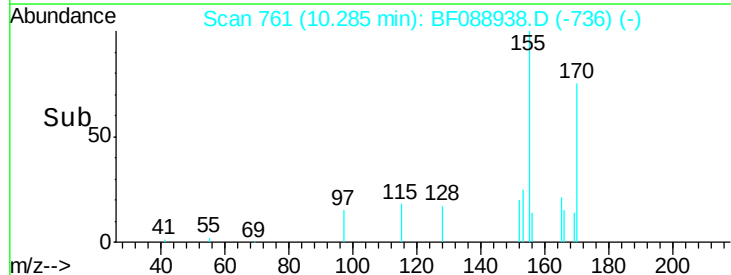
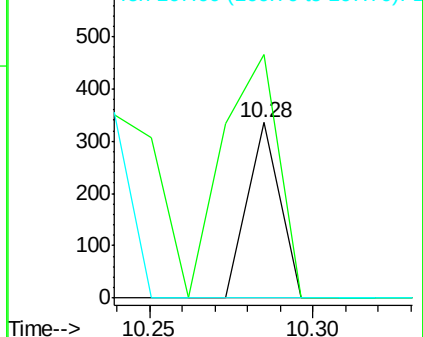
Tgt Ion:	166	Resp:	230
Ion	Ratio	Lower	Upper
166	100		
165	139.1	77.8	116.8#
167	0.0	11.2	16.8#

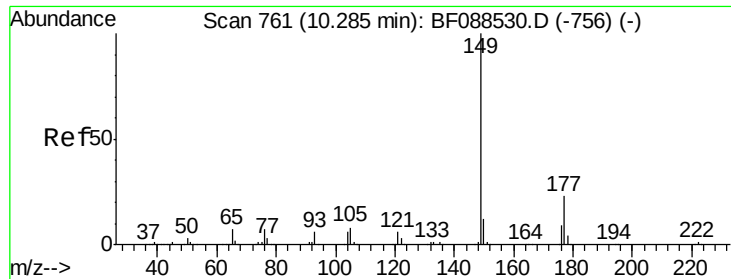


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

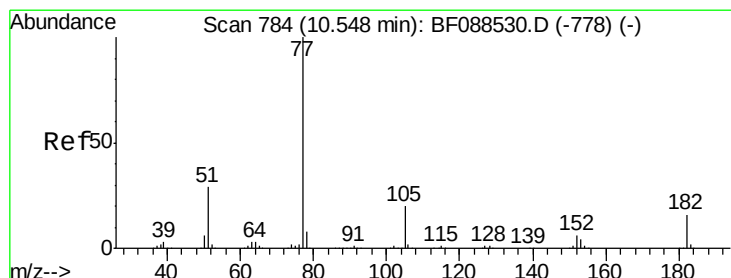
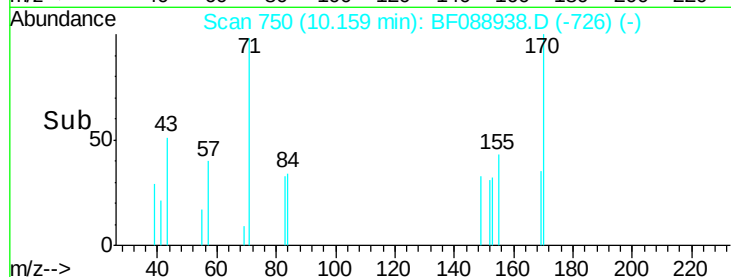
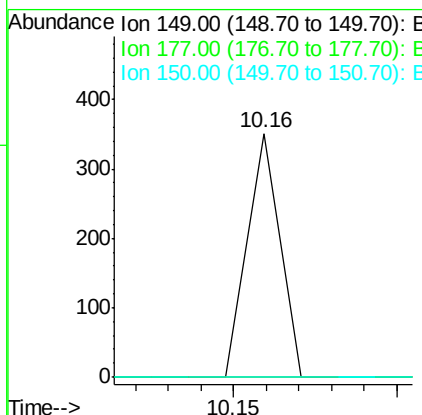
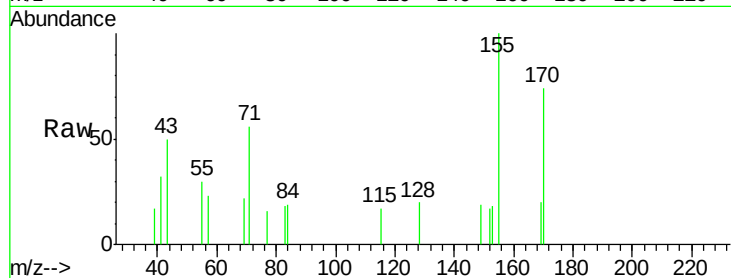




#59
Diethylphthalate
Concen: 0.04 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

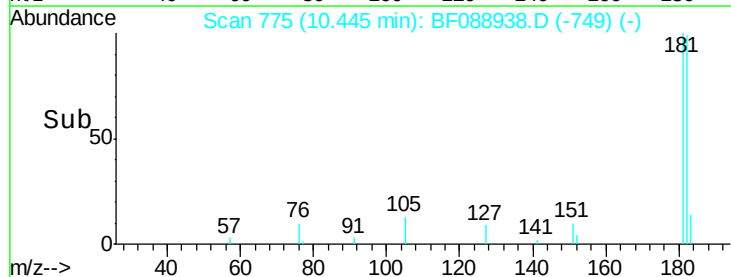
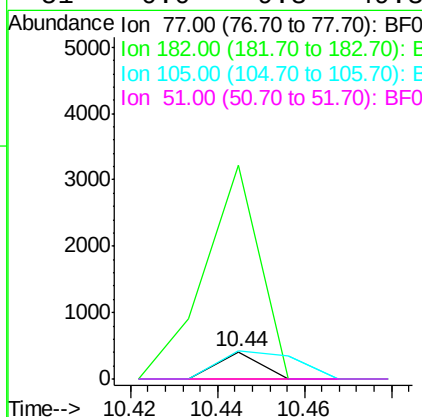
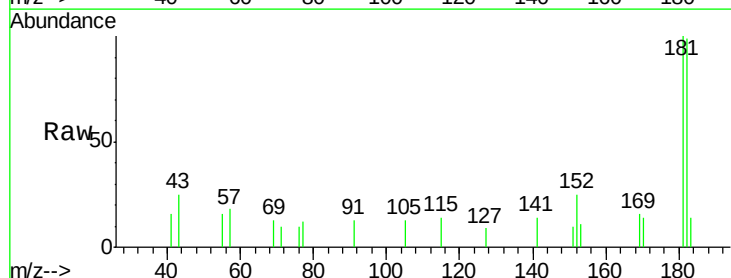
Instrument :
BNA_F
ClientSampled :
C3-8

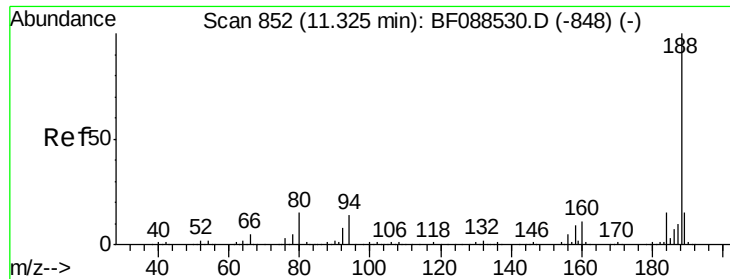
Tgt Ion: 149 Resp: 241
Ion Ratio Lower Upper
149 100
177 0.0 16.9 25.3#
150 0.0 10.1 15.1#



#62
Azobenzene
Concen: 0.04 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

Tgt Ion: 77 Resp: 278
Ion Ratio Lower Upper
77 100
182 794.8 4.4 44.4#
105 103.7 3.8 43.8#
51 0.0 9.3 49.3#

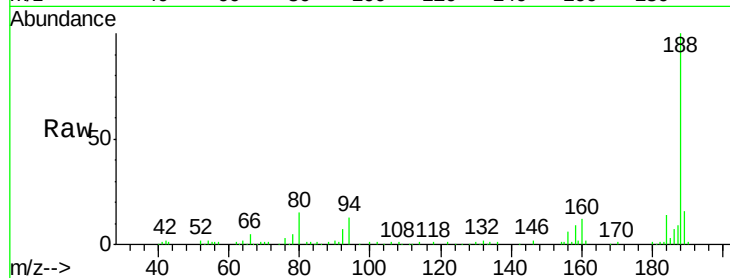




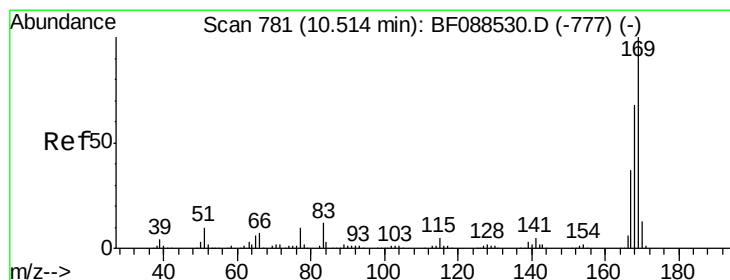
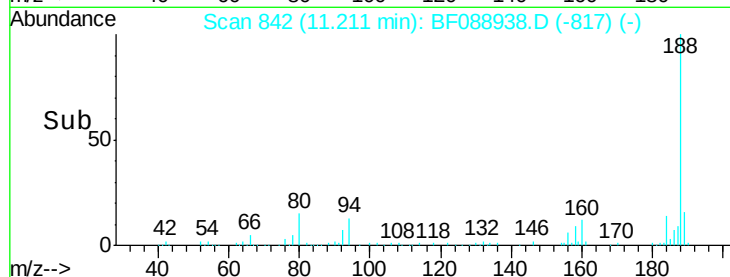
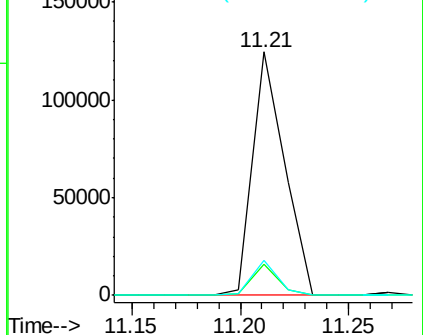
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

Instrument :
BNA_F
ClientSampleId :
C3-8

Tgt Ion:188 Resp: 126956
Ion Ratio Lower Upper
188 100
94 12.6 9.0 13.6
80 14.6 10.0 15.0

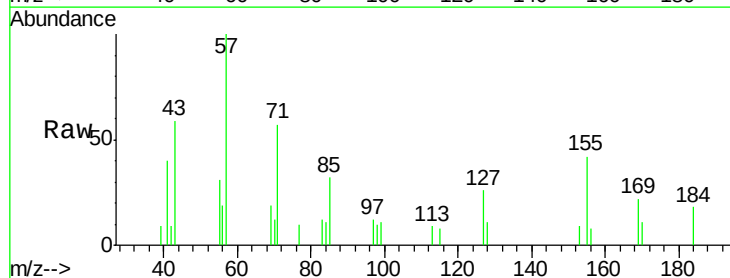


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

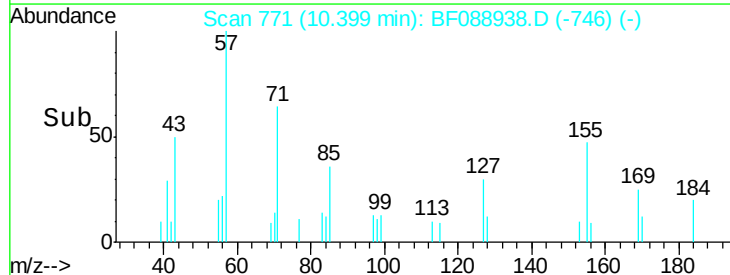
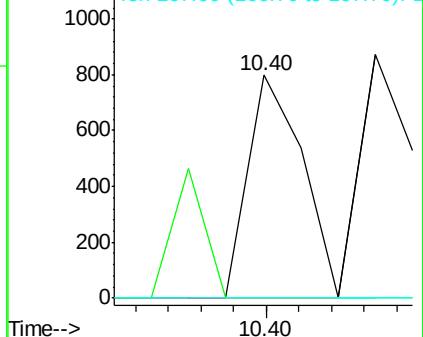


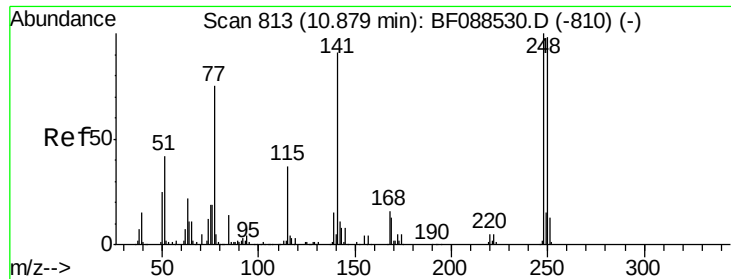
#65
n-Nitrosodiphenylamine
Concen: 0.21 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

Tgt Ion:169 Resp: 916
Ion Ratio Lower Upper
169 100
168 0.0 53.4 80.0#
167 0.0 29.4 44.0#



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

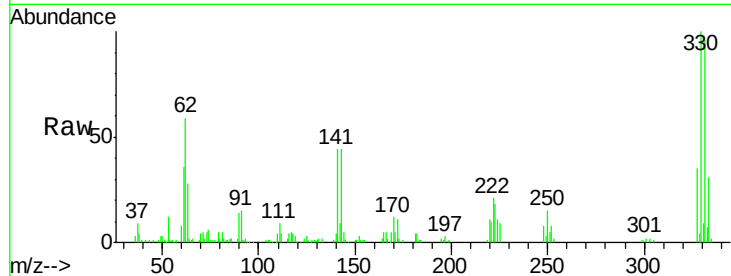




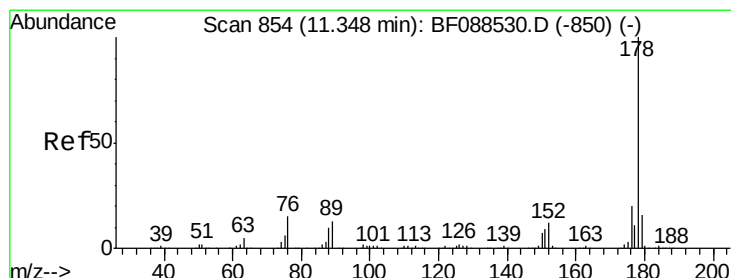
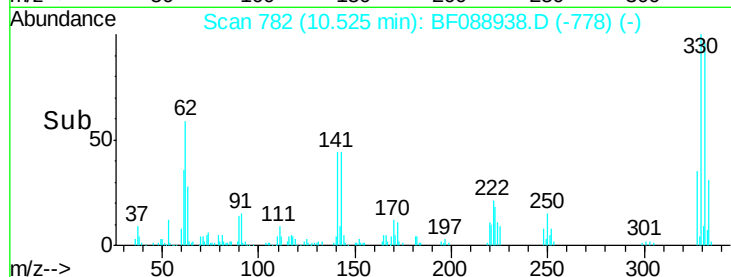
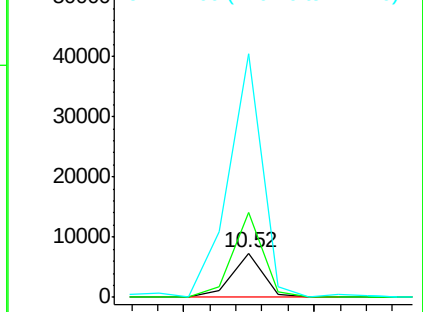
#66
4-Bromophenyl-phenylether
Concen: 4.76 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.25 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

Instrument :
BNA_F
ClientSampled :
C3-8

Tgt Ion:248 Resp: 6085
Ion Ratio Lower Upper
248 100
250 191.6 77.1 115.7#
141 549.3 50.6 76.0#

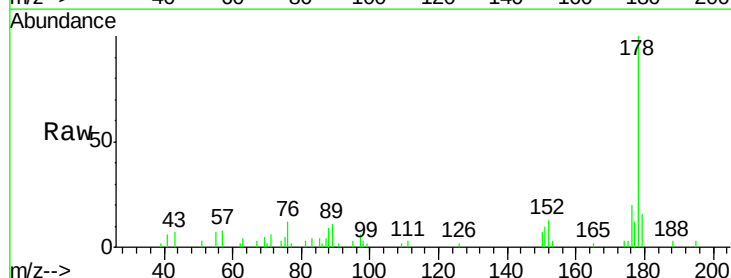


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

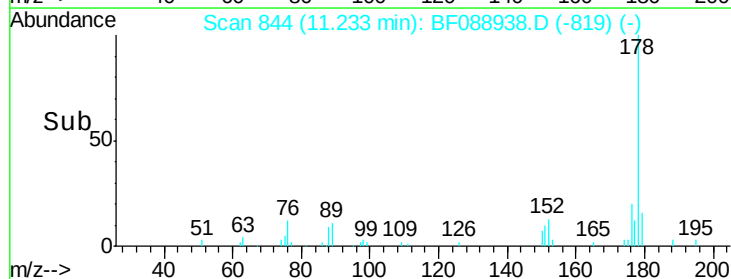
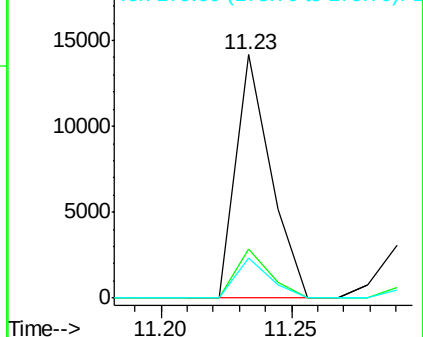


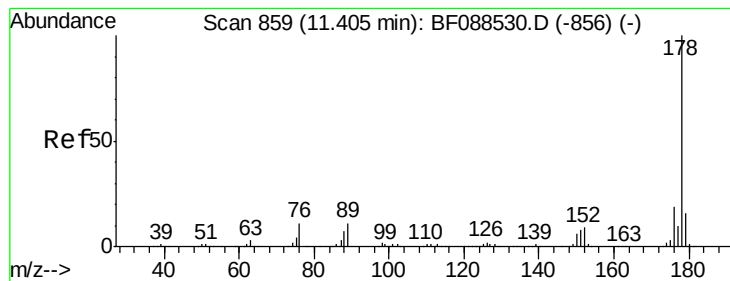
#70
Phenanthrene
Concen: 1.91 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

Tgt Ion:178 Resp: 13286
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 16.2 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: 0.44 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

Instrument :

BNA_F

ClientSampleId :

C3-8

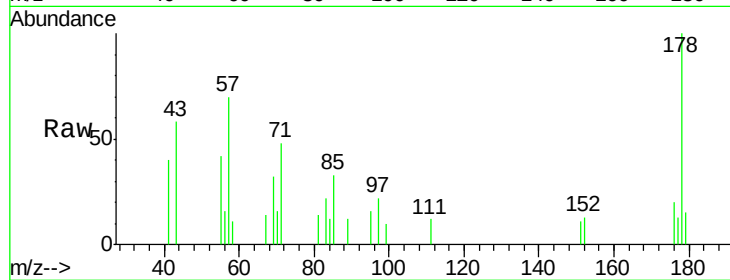
Tgt Ion:178 Resp: 3063

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

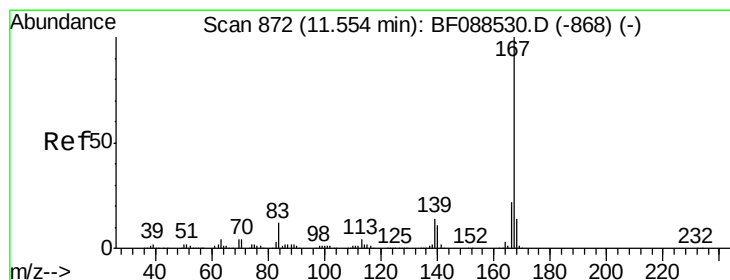
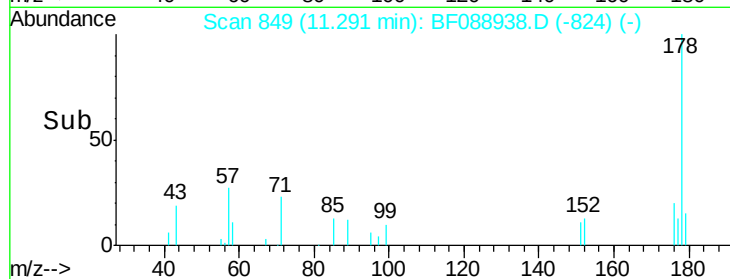
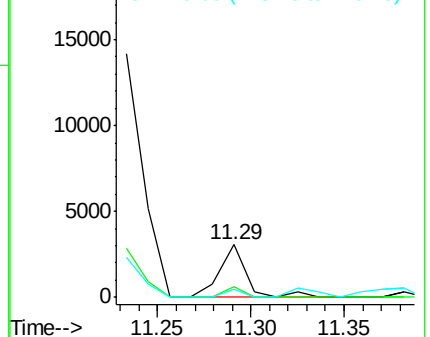
179 14.6 12.8 19.2



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: 0.25 ng

RT: 11.45 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

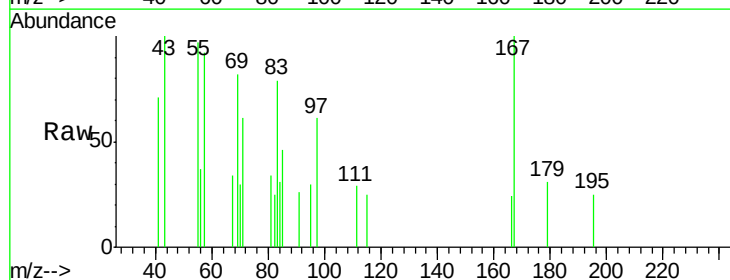
Tgt Ion:167 Resp: 1624

Ion Ratio Lower Upper

167 100

166 23.6 17.8 26.6

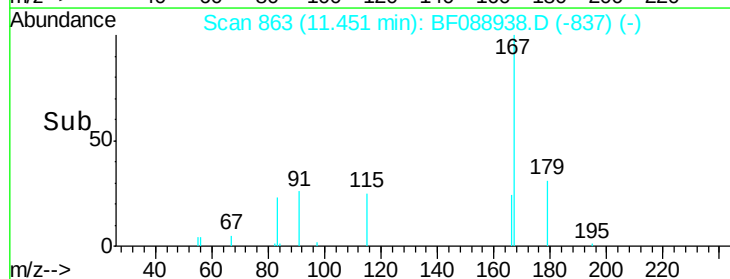
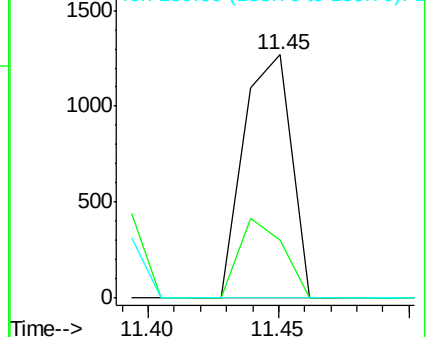
139 0.0 11.2 16.8#

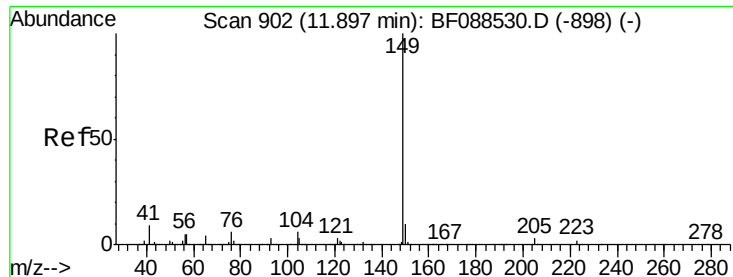


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.22 ng

RT: 11.78 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

Instrument :

BNA_F

ClientSampleId :

C3-8

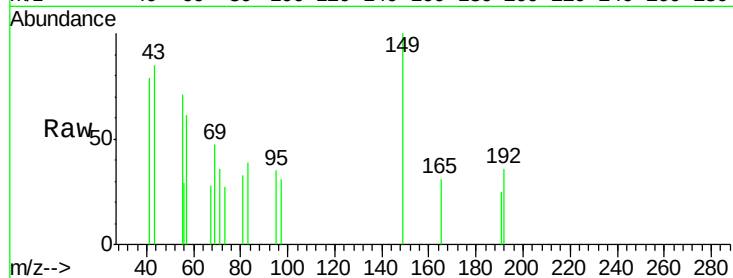
Tgt Ion:149 Resp: 1664

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

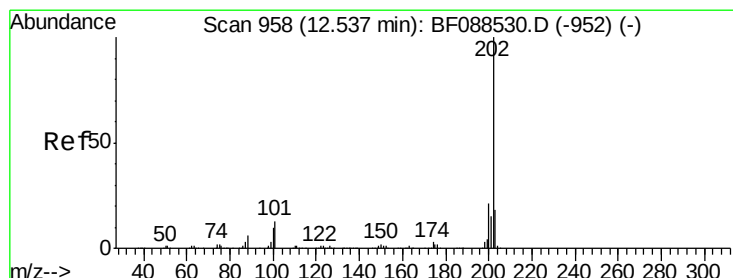
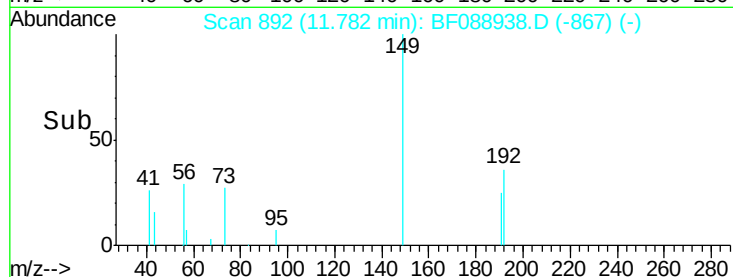
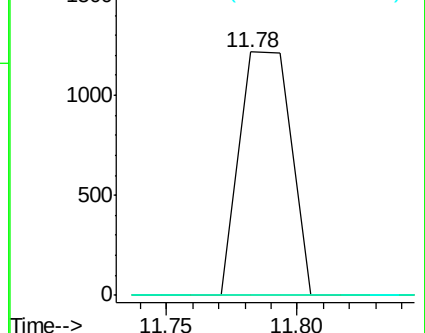
104 0.0 4.0 6.0#



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: 2.07 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

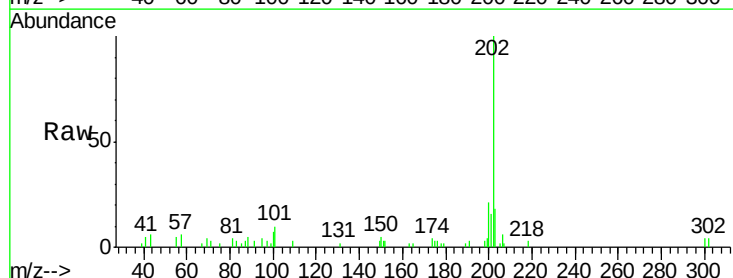
Tgt Ion:202 Resp: 14597

Ion Ratio Lower Upper

202 100

101 9.8 0.0 33.1

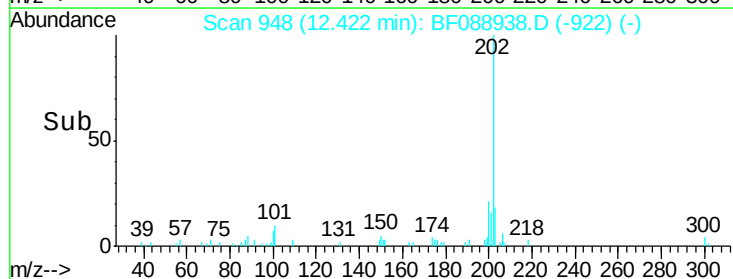
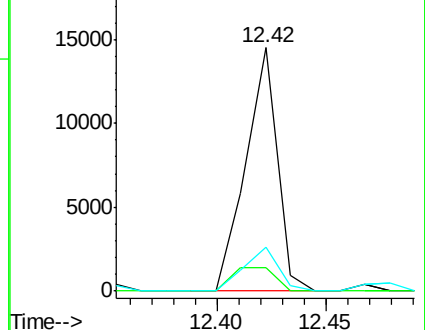
203 17.9 0.0 38.1

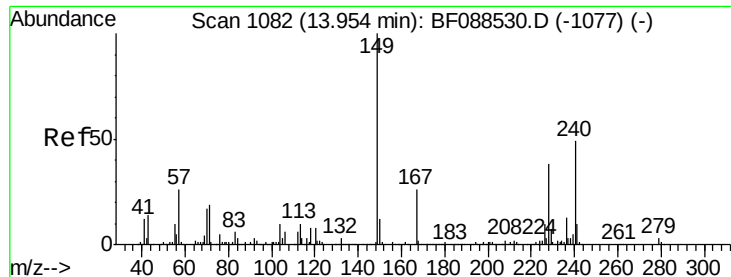


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF088938.D

Acq: 13 Jul 2016 00:25

Instrument :

BNA_F

ClientSampleId :

C3-8

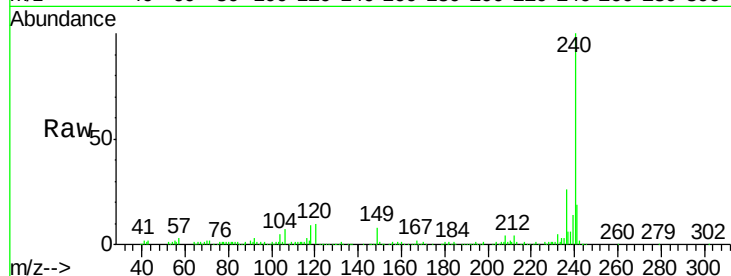
Tgt Ion:240 Resp: 127787

Ion Ratio Lower Upper

240 100

120 10.2 6.8 10.2

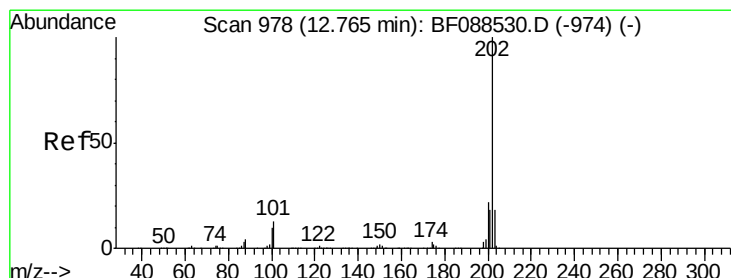
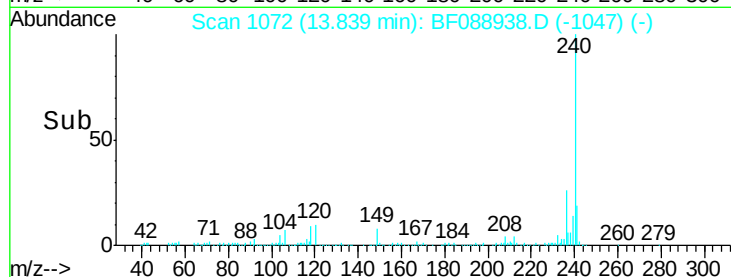
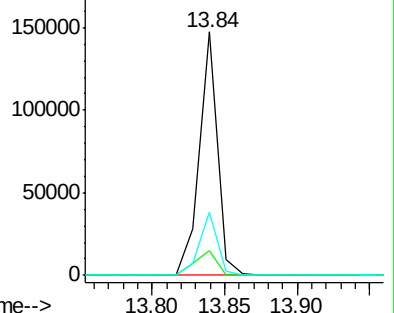
236 25.8 20.2 30.2



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: 1.31 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

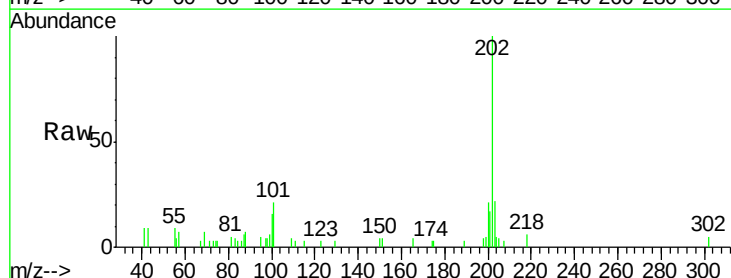
Tgt Ion:202 Resp: 14163

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

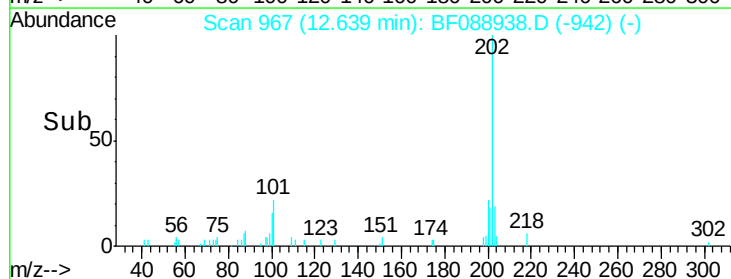
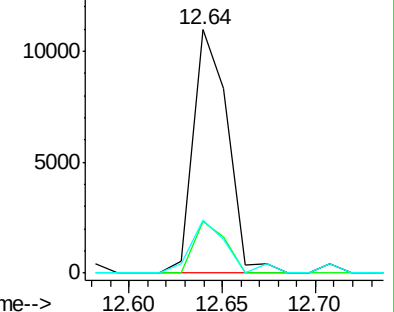
203 21.7 14.5 21.7

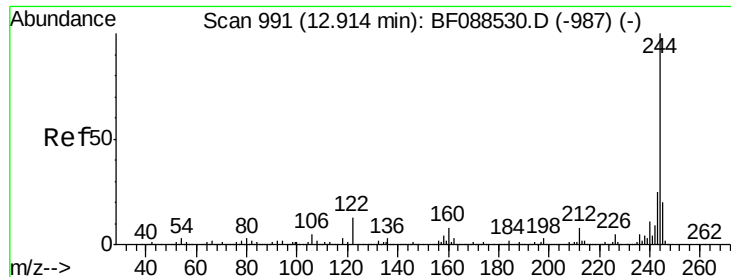


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

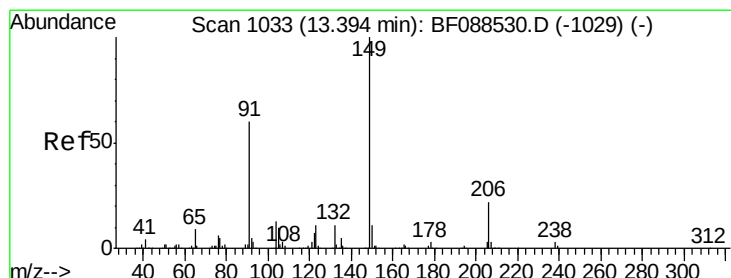
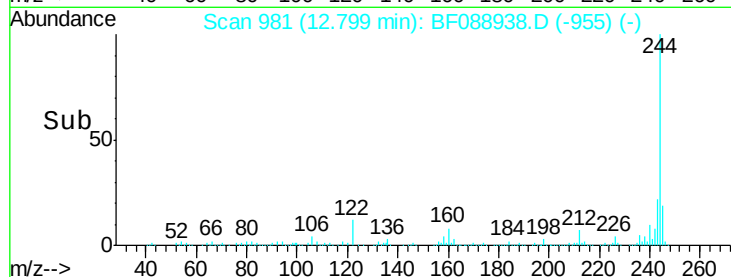
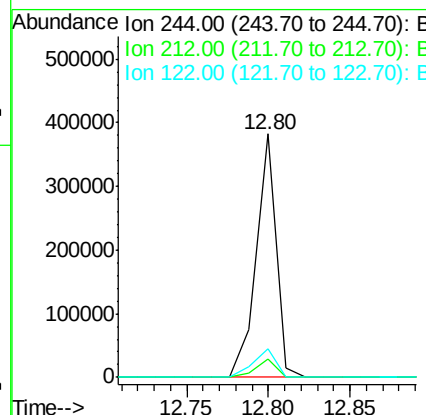
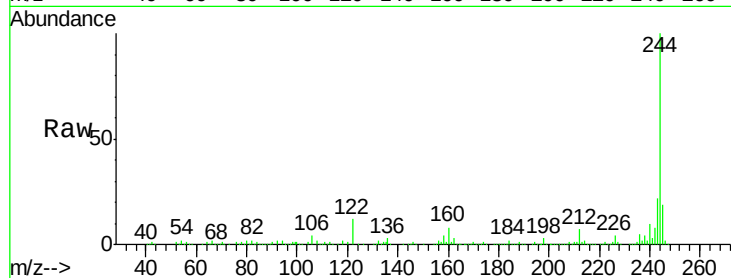




#78
 Terphenyl-d14
 Concen: 56.53 ng
 RT: 12.80 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF088938.D
 Acq: 13 Jul 2016 00:25

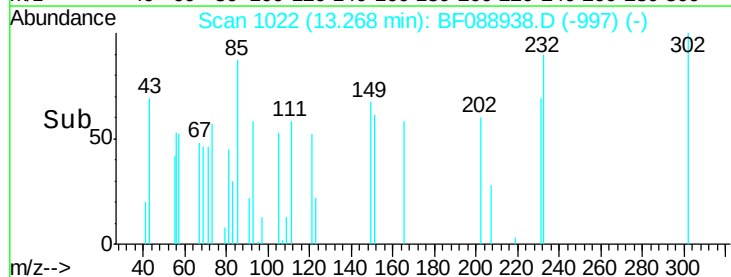
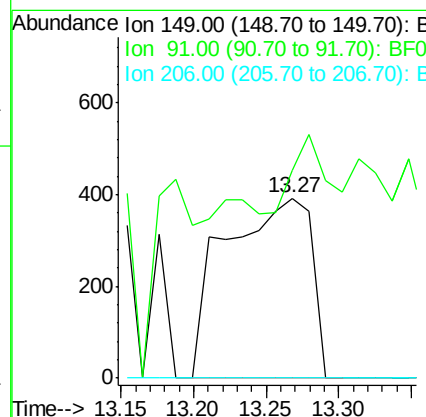
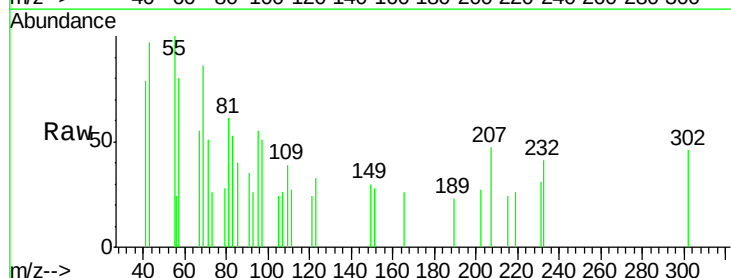
Instrument :
 BNA_F
 ClientSampled :
 C3-8

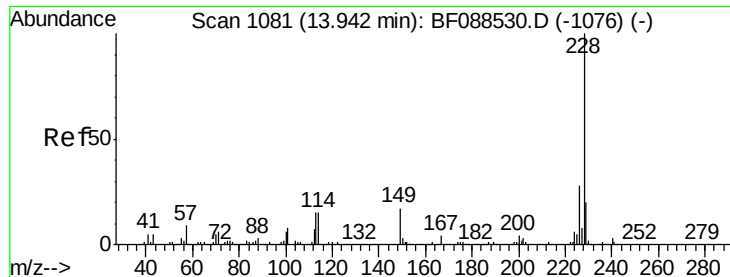
Tgt Ion: 244 Resp: 324337
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 11.5 11.2 16.8



#79
 Butylbenzylphthalate
 Concen: 0.33 ng
 RT: 13.27 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF088938.D
 Acq: 13 Jul 2016 00:25

Tgt Ion: 149 Resp: 1617
 Ion Ratio Lower Upper
 149 100
 91 115.6 48.0 72.0#
 206 0.0 16.0 24.0#





#80

Benzo(a)anthracene

Concen: 2.53 ng

RT: 13.86 min Scan# 1074

Delta R.T. 0.02 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

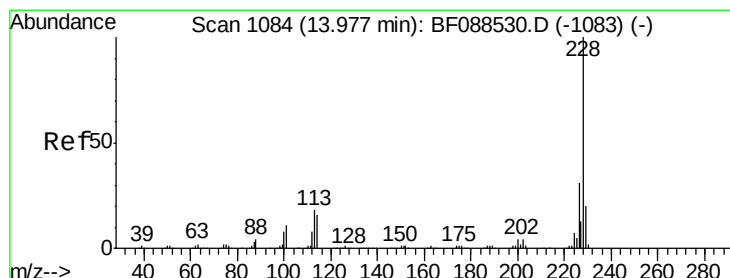
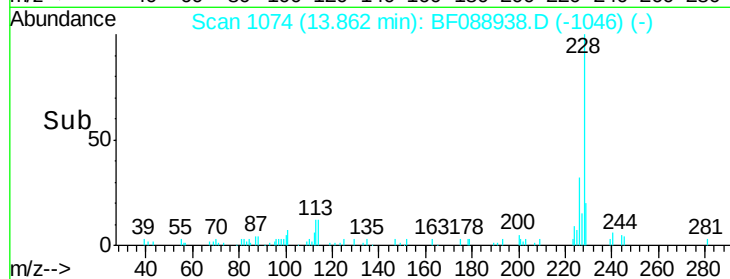
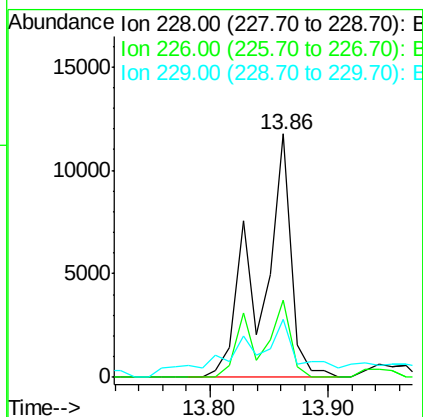
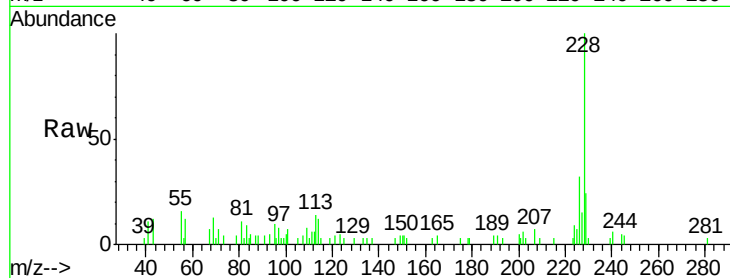
Instrument :

BNA_F

ClientSampleId :

C3-8

Tgt Ion:	228	Resp:	20832
Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.3	33.5
229	24.0	16.0	24.0#



#82

Chrysene

Concen: 2.56 ng

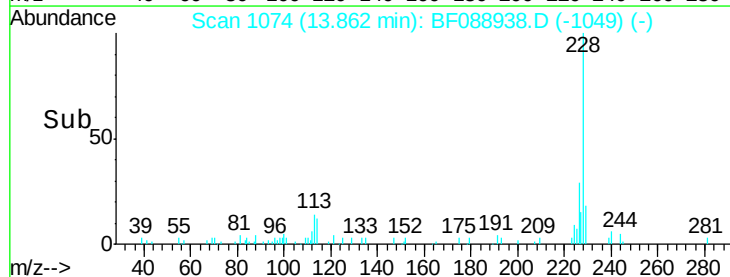
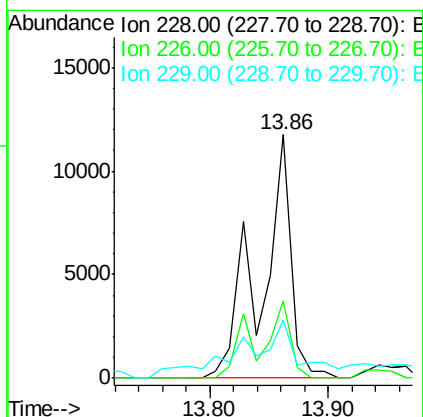
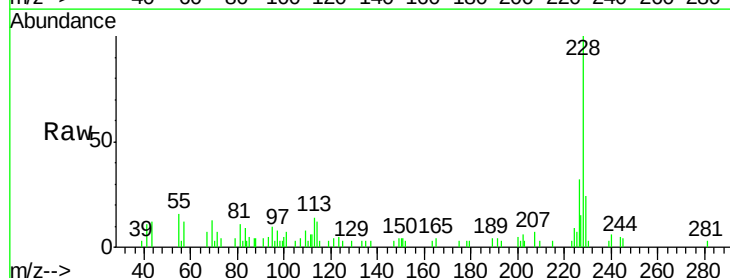
RT: 13.86 min Scan# 1074

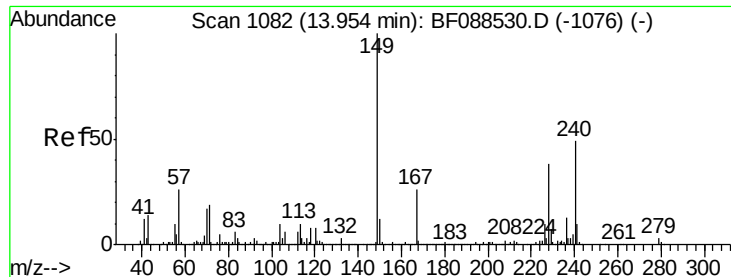
Delta R.T. -0.01 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

Tgt Ion:	228	Resp:	20832
Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.4	38.2
229	24.0	16.3	24.5

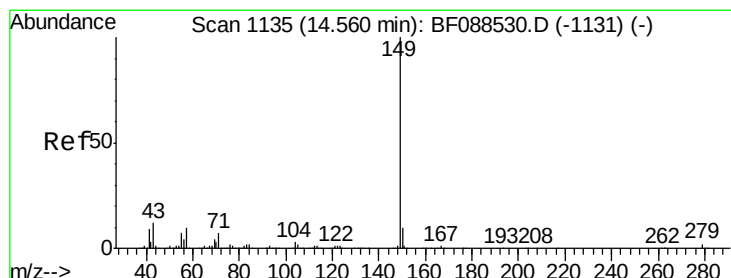
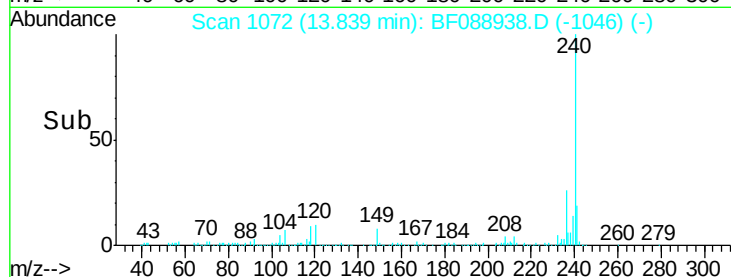
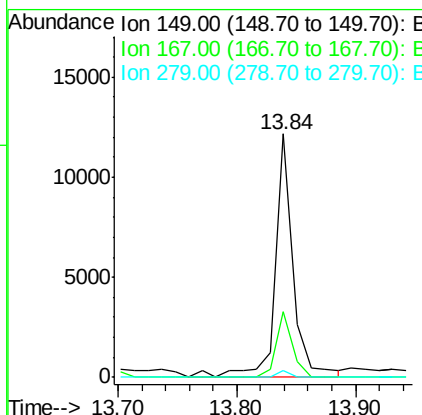
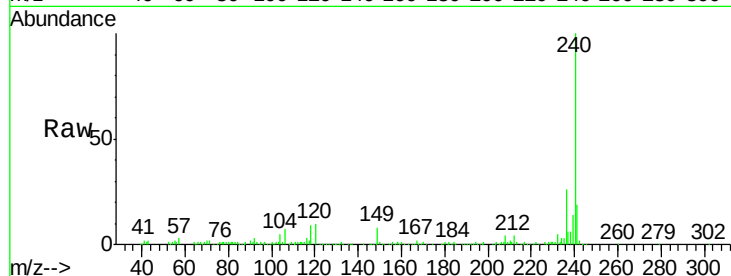




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.33 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. 0.00 min
 Lab File: BF088938.D
 Acq: 13 Jul 2016 00:25

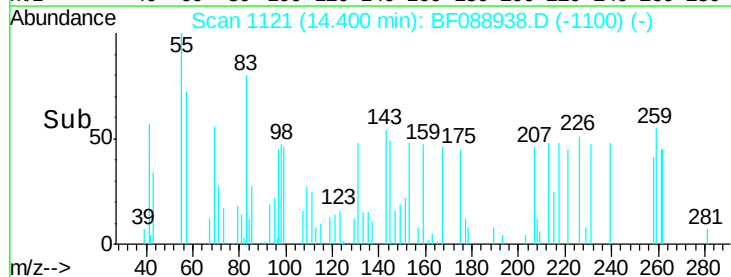
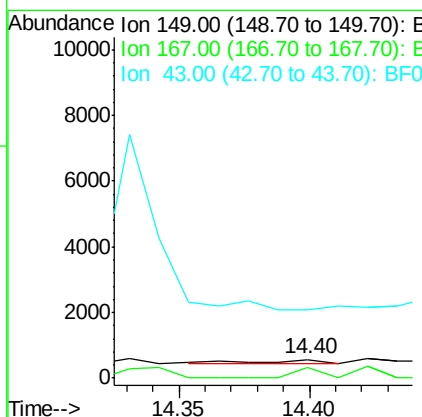
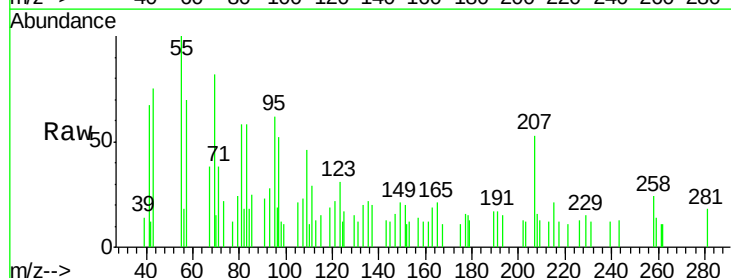
Instrument :
 BNA_F
 ClientSampleId :
 C3-8

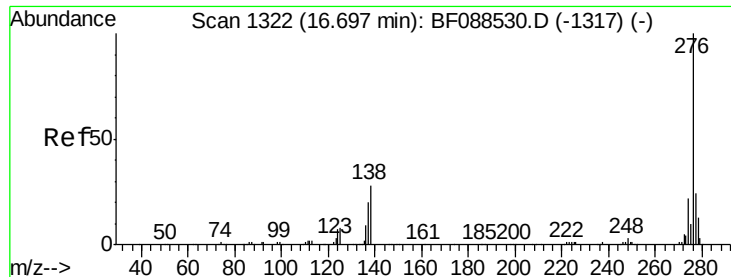
Tgt Ion:149 Resp: 12860
 Ion Ratio Lower Upper
 149 100
 167 27.0 20.5 30.7
 279 2.6 2.0 3.0



#84
 Di-n-octyl phthalate
 Concen: 0.02 ng
 RT: 14.40 min Scan# 1121
 Delta R.T. -0.06 min
 Lab File: BF088938.D
 Acq: 13 Jul 2016 00:25

Tgt Ion:149 Resp: 194
 Ion Ratio Lower Upper
 149 100
 167 0.0 0.0 0.0
 43 0.0 0.0 0.0

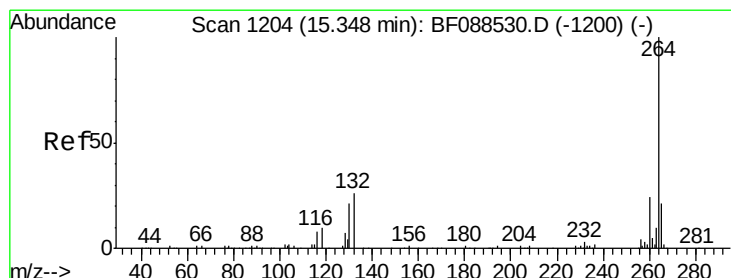
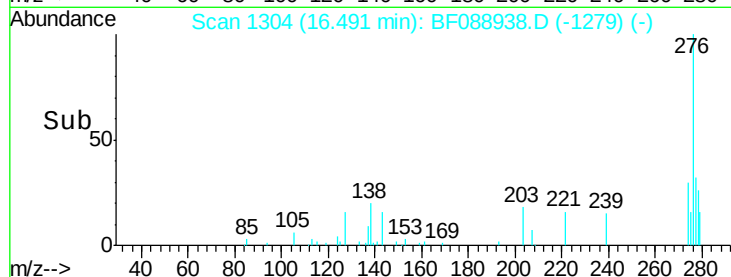
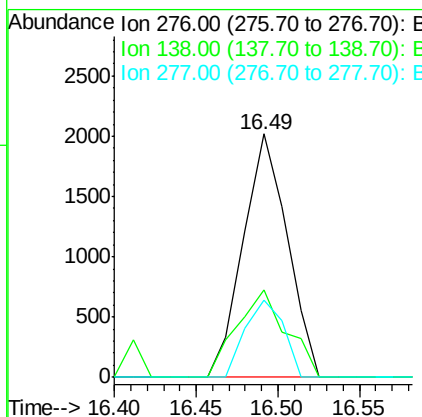
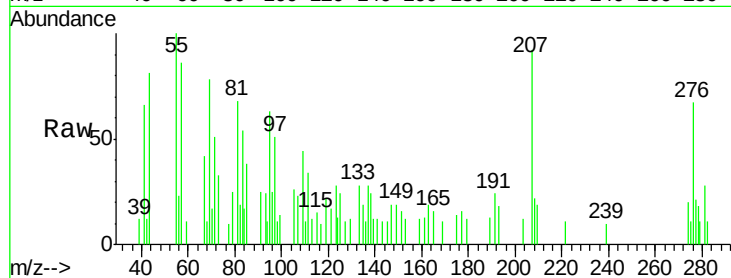




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.61 ng
 RT: 16.49 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF088938.D
 Acq: 13 Jul 2016 00:25

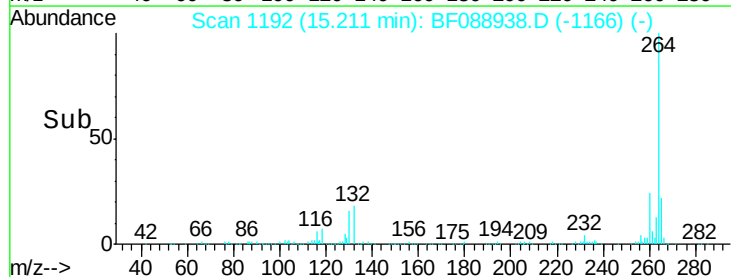
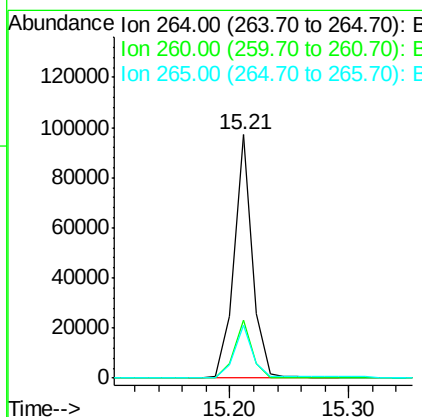
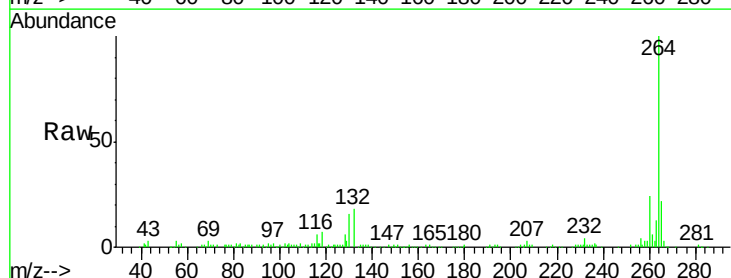
Instrument :
 BNA_F
 ClientSampleId :
 C3-8

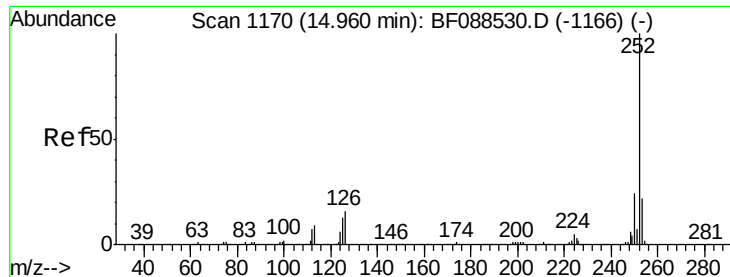
Tgt Ion: 276 Resp: 3790
 Ion Ratio Lower Upper
 276 100
 138 40.4 0.0 0.0#
 277 27.4 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF088938.D
 Acq: 13 Jul 2016 00:25

Tgt Ion: 264 Resp: 103592
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.9 16.9 25.3

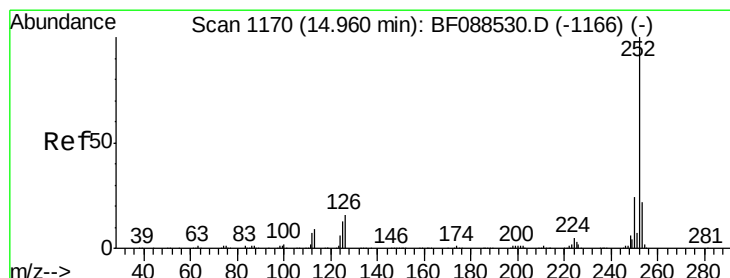
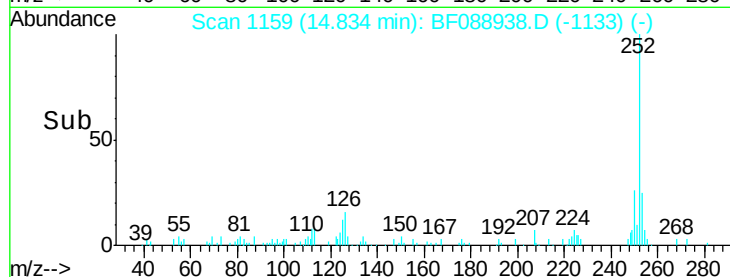
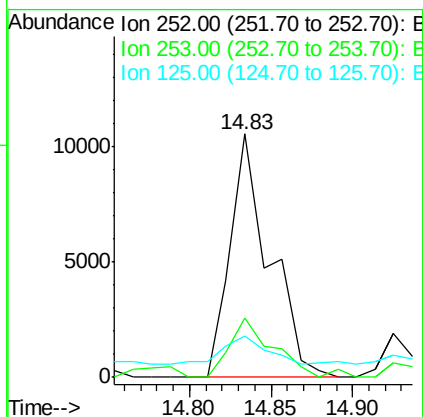
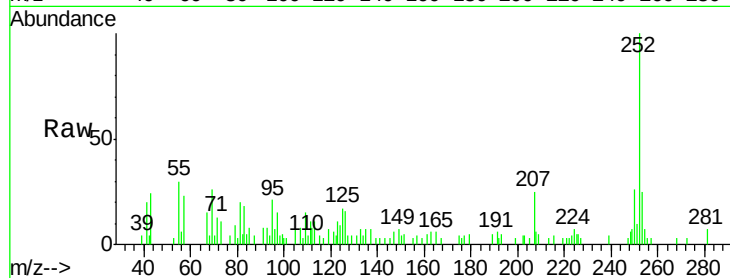




#87
Benzo(b)fluoranthene
Concen: 2.70 ng
RT: 14.83 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

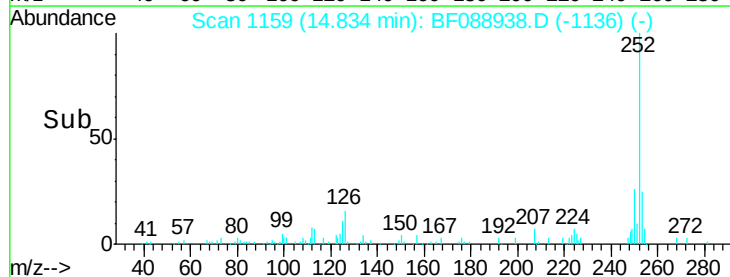
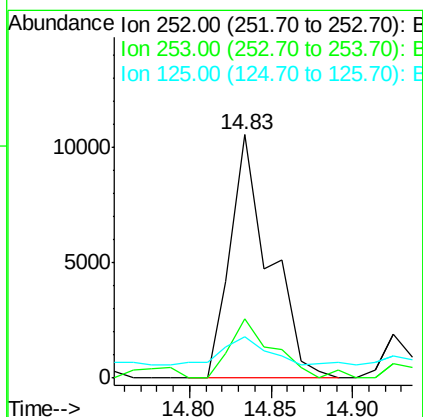
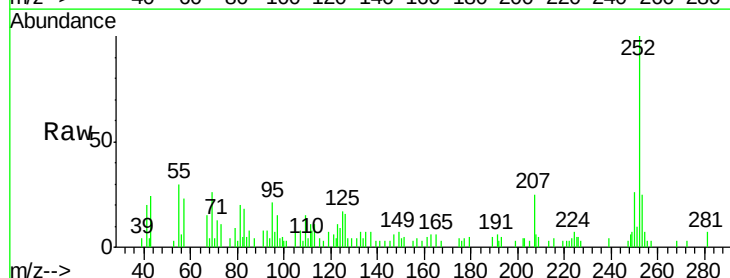
Instrument :
BNA_F
ClientSampleId :
C3-8

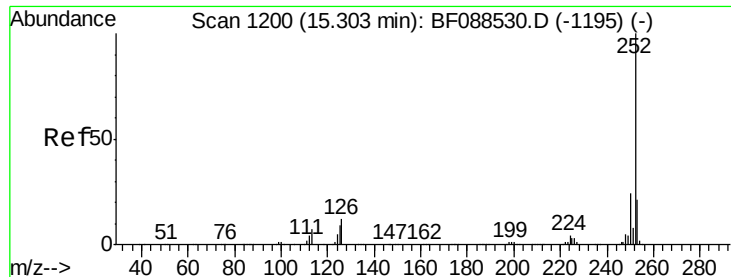
Tgt Ion:252 Resp: 17544
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.2
125 17.0 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 3.10 ng
RT: 14.83 min Scan# 1159
Delta R.T. -0.03 min
Lab File: BF088938.D
Acq: 13 Jul 2016 00:25

Tgt Ion:252 Resp: 17544
Ion Ratio Lower Upper
252 100
253 24.6 18.0 27.0
125 17.0 11.2 16.8#





#89

Benzo(a)pyrene

Concen: 1.02 ng

RT: 15.15 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

Instrument :

BNA_F

ClientSampleId :

C3-8

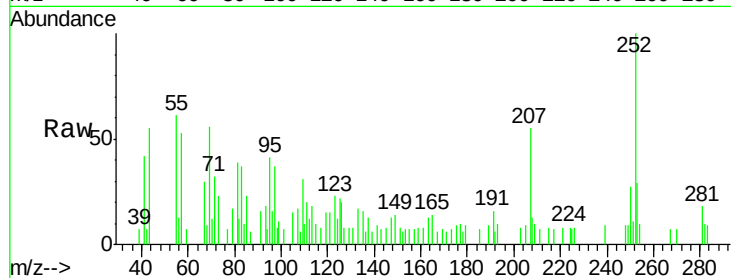
Tgt Ion:252 Resp: 5613

Ion Ratio Lower Upper

252 100

253 28.8 17.9 26.9#

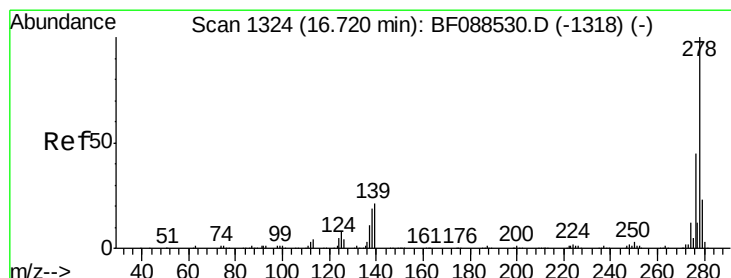
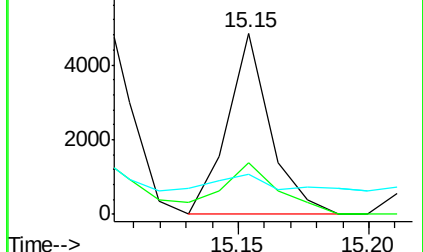
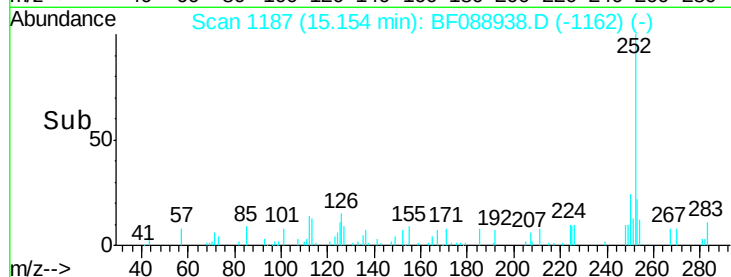
125 22.0 12.5 18.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.23 ng

RT: 16.50 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

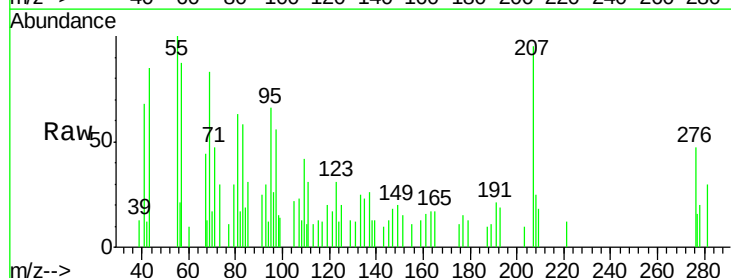
Tgt Ion:278 Resp: 1045

Ion Ratio Lower Upper

278 100

139 65.9 15.7 23.5#

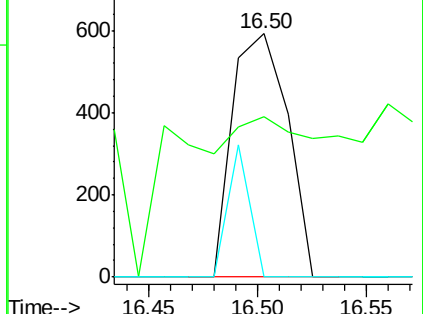
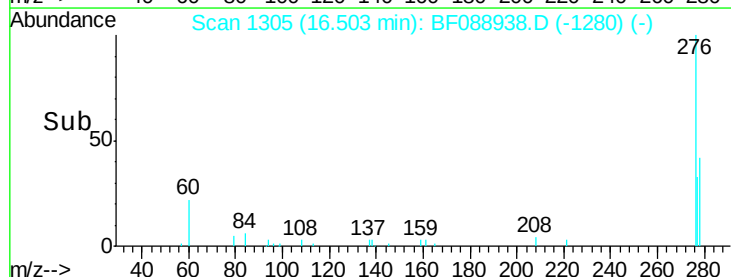
279 0.0 19.4 29.2#

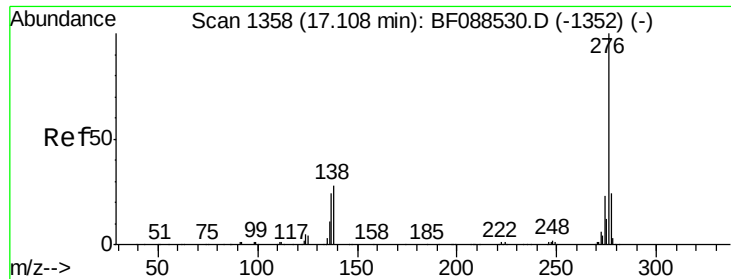


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 0.72 ng

RT: 16.88 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF088938.D

Acq: 13 Jul 2016 00:25

Instrument :

BNA_F

ClientSampleId :

C3-8

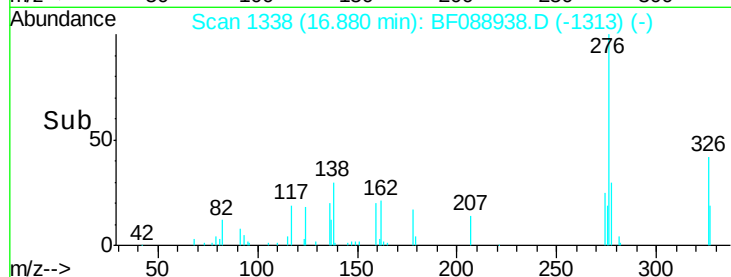
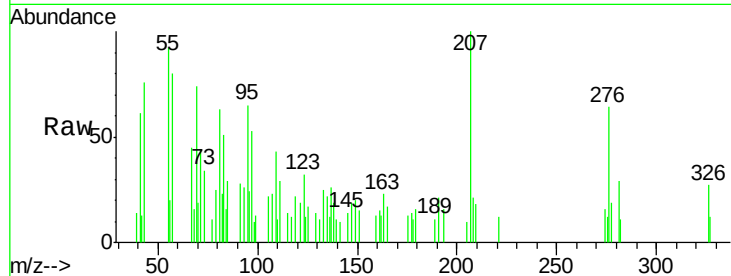
Tgt Ion: 276 Resp: 3428

Ion Ratio Lower Upper

276 100

277 30.0 18.9 28.3#

138 29.7 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

