

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
 Data File : BF088928.D
 Acq On : 12 Jul 2016 19:30
 Operator : UM/SJ
 Sample : PB91808BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Quant Time: Jul 13 02:15:26 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	57394	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	228300	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	92097	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	140118	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	119492	20.00	ng	-0.01
86) Perylene-d12	15.21	264	120432	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	48068	12.55	ng	0.00
7) Phenol-d6	6.34	99	64309	13.00	ng	-0.01
23) Nitrobenzene-d5	7.27	82	35485	8.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	9854	11.52	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	66112	11.34	ng	-0.01
78) Terphenyl-d14	12.79	244	39658	7.39	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.06	88	475	0.25	ng	# 1
3) Pyridine	2.89	79	14414	2.62	ng	92
4) n-Nitrosodimethylamine	2.80	42	6552	3.11	ng	# 97
6) Aniline	6.35	93	9945	1.38	ng	# 1
8) 2-Chlorophenol	6.48	128	16435	3.99	ng	88
9) Benzaldehyde	6.24	77	7457	2.22	ng	88
10) Phenol	6.35	94	21706	3.84	ng	# 66
11) bis(2-Chloroethyl)ether	6.43	93	16973	4.03	ng	91
12) 1,3-Dichlorobenzene	6.64	146	19291	4.26	ng	98
13) 1,4-Dichlorobenzene	6.72	146	19589	4.36	ng	97
14) 1,2-Dichlorobenzene	6.87	146	16848	4.00	ng	# 87
15) Benzyl Alcohol	6.84	79	16354	4.49	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.99	45	21257	3.49	ng	87
17) 2-Methylphenol	6.97	107	15286	4.55	ng	98
18) Hexachloroethane	7.21	117	6052	3.48	ng	# 73
19) n-Nitroso-di-n-propylamine	7.12	70	13011	3.91	ng	# 85
20) 3+4-Methylphenols	7.13	107	17640	4.38	ng	# 73
22) Acetophenone	7.11	105	24124	4.35	ng	# 91
24) Nitrobenzene	7.28	77	17808	4.05	ng	# 82
25) Isophorone	7.53	82	32803	4.06	ng	94
26) 2-Nitrophenol	7.61	139	7049	3.91	ng	# 79
27) 2,4-Dimethylphenol	7.66	122	15097	4.02	ng	90
28) bis(2-Chloroethoxy)methane	7.75	93	22409	4.27	ng	# 98
29) 2,4-Dichlorophenol	7.85	162	13174	4.35	ng	96
30) 1,2,4-Trichlorobenzene	7.93	180	14412	4.33	ng	98
31) Naphthalene	8.01	128	53703	4.77	ng	98
32) Benzoic acid	7.74	122	3641	1.34	ng	93
33) 4-Chloroaniline	8.07	127	8001	1.60	ng	# 94
34) Hexachlorobutadiene	8.14	225	8753	4.91	ng	98
35) Caprolactam	8.39	113	3278	3.18	ng	95
36) 4-Chloro-3-methylphenol	8.55	107	13900	3.88	ng	86
37) 2-Methylnaphthalene	8.70	142	28874	3.98	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	13931	4.55	ng	# 1
40) Hexachlorocyclopentadiene	8.86	237	870	0.58	ng	78

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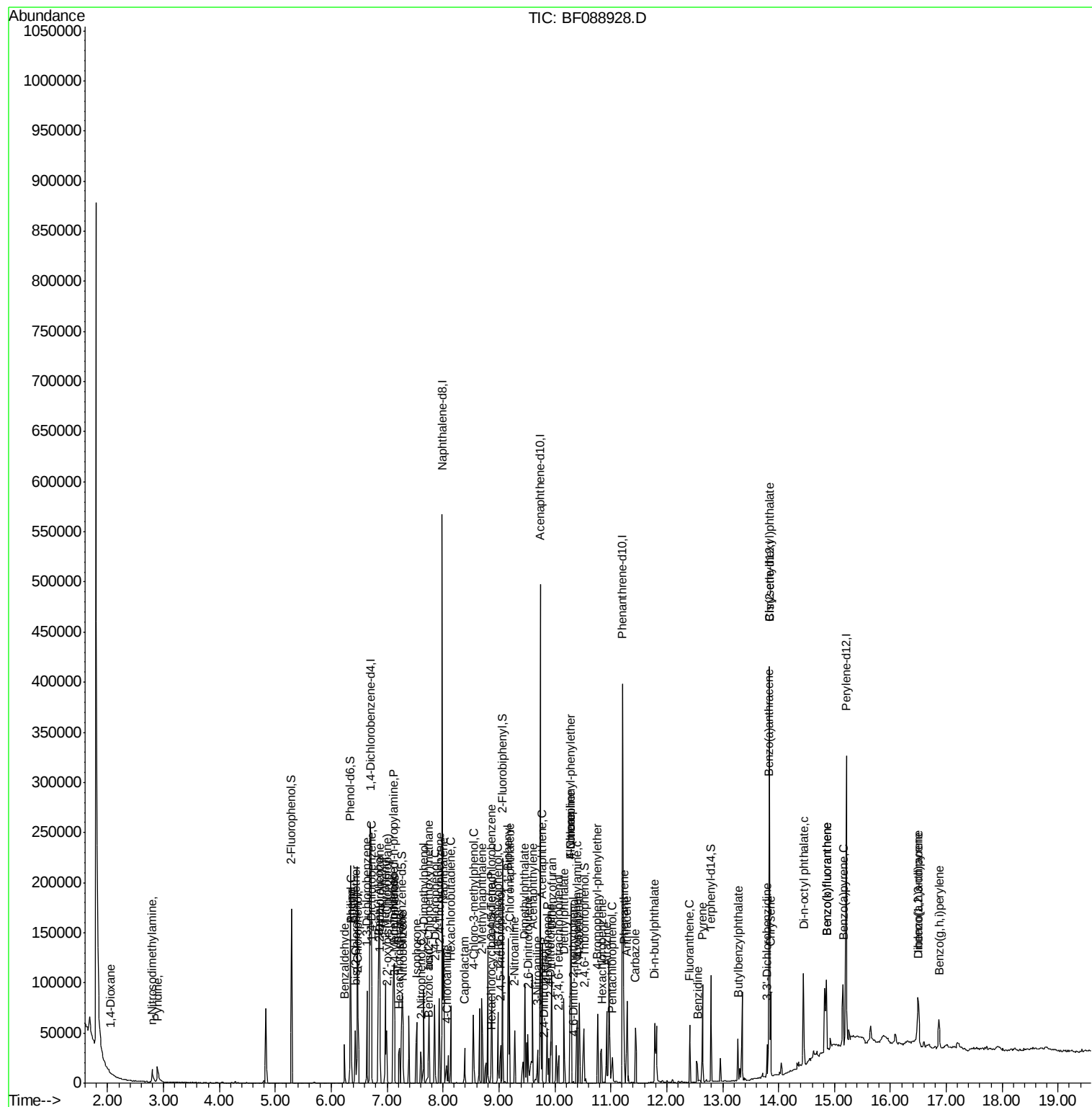
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	8597	4.26	ng	97
43) 2,4,5-Trichlorophenol	9.03	196	8023	4.62	ng	97
45) 1,1'-Biphenyl	9.16	154	40856	5.36	ng	98
46) 2-Chloronaphthalene	9.19	162	29662	4.95	ng	96
47) 2-Nitroaniline	9.28	65	8532	4.02	ng	92
48) Acenaphthylene	9.60	152	45586	4.79	ng	97
49) Dimethylphthalate	9.46	163	35348	5.39	ng	100
50) 2,6-Dinitrotoluene	9.52	165	5954	4.09	ng	# 13
51) Acenaphthene	9.77	154	27702	4.74	ng	97
52) 3-Nitroaniline	9.69	138	5596	3.03	ng	92
53) 2,4-Dinitrophenol	9.80	184	239	0.37	ng	# 15
54) Dibenzofuran	9.94	168	40295	5.27	ng	93
55) 4-Nitrophenol	9.86	139	8001	5.70	ng	95
56) 2,4-Dinitrotoluene	9.92	165	7143	3.76	ng	# 10
57) Fluorene	10.28	166	29393	4.99	ng	96
58) 2,3,4,6-Tetrachlorophenol	10.07	232	4758	3.54	ng	# 46
59) Diethylphthalate	10.16	149	32395	4.92	ng	97
60) 4-Chlorophenyl-phenylether	10.28	204	13248	4.84	ng	# 85
61) 4-Nitroaniline	10.28	138	5281	2.97	ng	82
62) Azobenzene	10.43	77	30247	4.03	ng	92
64) 4,6-Dinitro-2-methylphenol	10.33	198	593	0.79	ng	87
65) n-Nitrosodiphenylamine	10.40	169	22908	4.83	ng	99
66) 4-Bromophenyl-phenylether	10.76	248	7542	5.34	ng	# 87
67) Hexachlorobenzene	10.83	284	7182	4.59	ng	# 73
68) Atrazine	10.92	200	7242	4.90	ng	97
69) Pentachlorophenol	11.03	266	3948	4.27	ng	99
70) Phenanthrene	11.23	178	34536	4.51	ng	99
71) Anthracene	11.29	178	34975	4.59	ng	98
72) Carbazole	11.44	167	27443	3.83	ng	98
73) Di-n-butylphthalate	11.78	149	37804	4.53	ng	# 98
74) Fluoranthene	12.41	202	30218	3.89	ng	94
76) Benzidine	12.55	184	14409	2.39	ng	# 95
77) Pyrene	12.64	202	31678	3.13	ng	100
79) Butylbenzylphthalate	13.28	149	14381	3.18	ng	98
80) Benzo(a)anthracene	13.83	228	31363	4.08	ng	98
81) 3,3'-Dichlorobenzidine	13.79	252	7086	2.45	ng	# 97
82) Chrysene	13.86	228	25357	3.33	ng	97
83) Bis(2-ethylhexyl)phthalate	13.84	149	22652	4.39	ng	98
84) Di-n-octyl phthalate	14.45	149	40921	4.67	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.49	276	25632	4.38	ng	# 100
87) Benzo(b)fluoranthene	14.86	252	60221	7.97	ng	99
88) Benzo(k)fluoranthene	14.86	252	60221	9.16	ng	# 95
89) Benzo(a)pyrene	15.15	252	28377	4.44	ng	# 94
90) Dibenzo(a,h)anthracene	16.50	278	21130	3.96	ng	97
91) Benzo(g,h,i)perylene	16.87	276	19846	3.59	ng	95

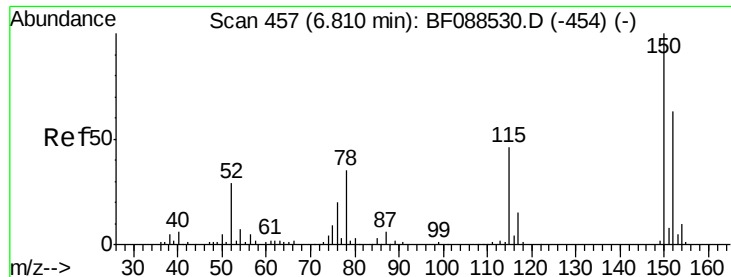
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB91808BS

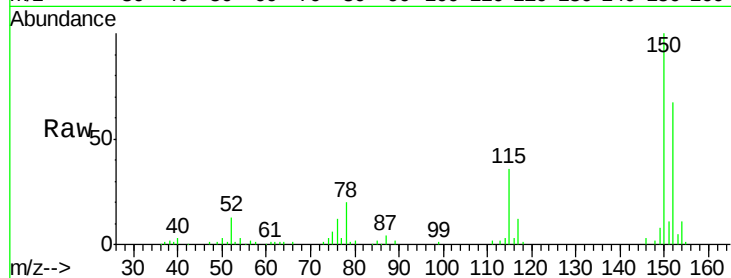
Tgt Ion:152 Resp: 57394

Ion Ratio Lower Upper

152 100

150 148.6 123.8 185.6

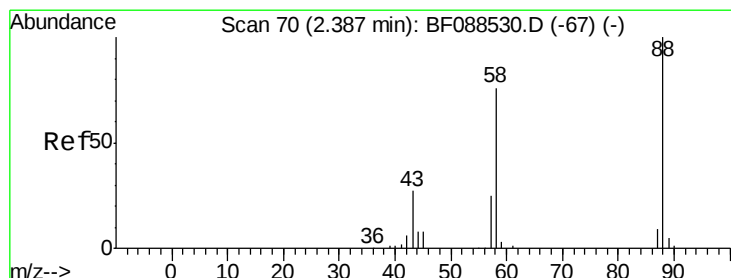
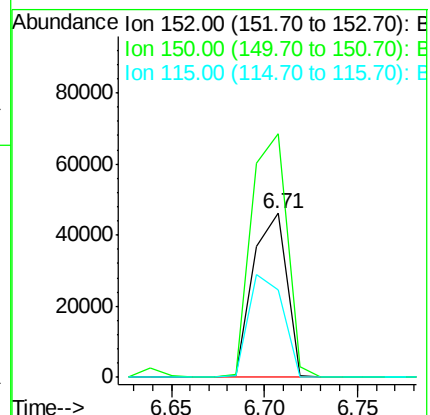
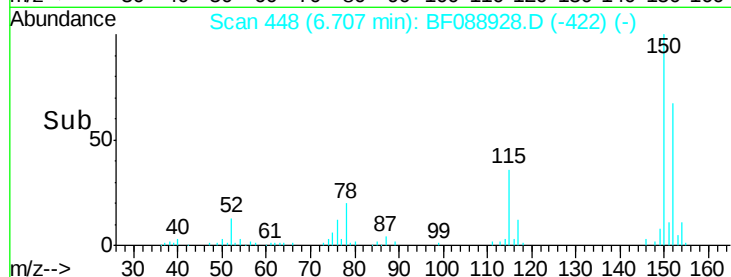
115 53.0 39.6 59.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.25 ng

RT: 2.06 min Scan# 41

Delta R.T. -0.16 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

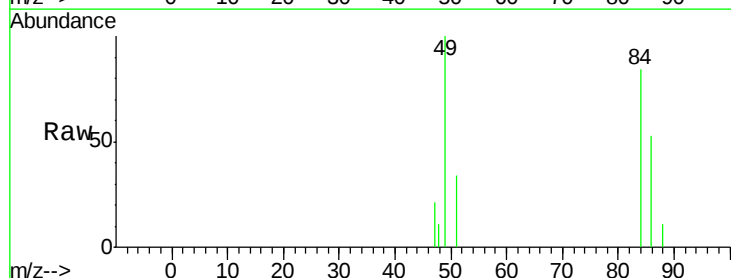
Tgt Ion: 88 Resp: 475

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

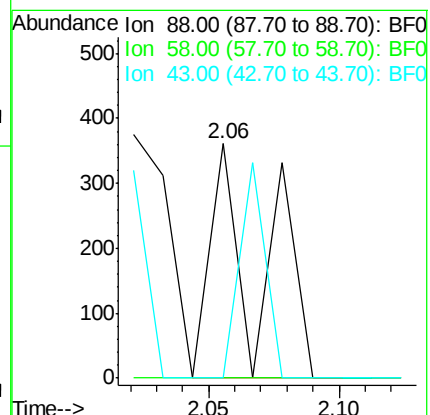
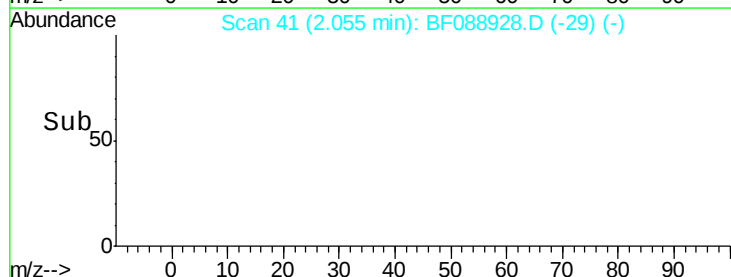
43 48.0 3.4 5.2#

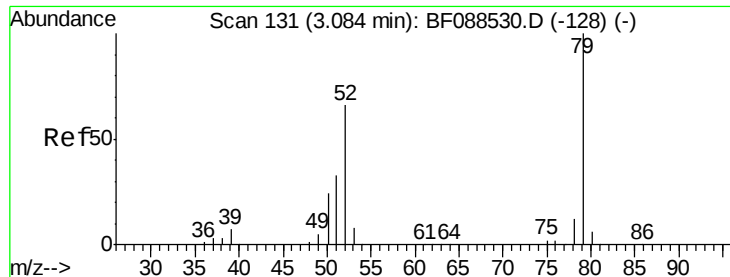


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 2.62 ng

RT: 2.89 min Scan# 114

Delta R.T. 0.01 min

Lab File: BF088928.D

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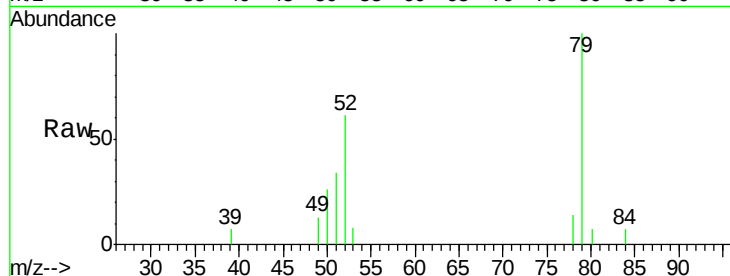
Tgt Ion: 79 Resp: 14414

Ion Ratio Lower Upper

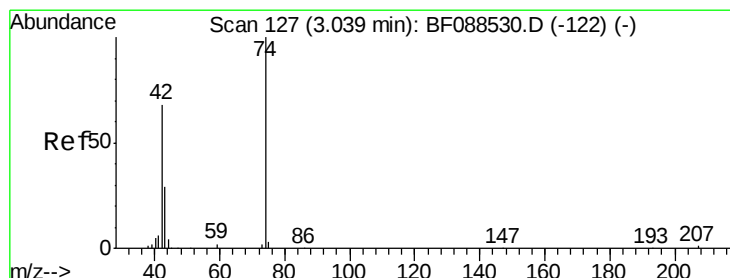
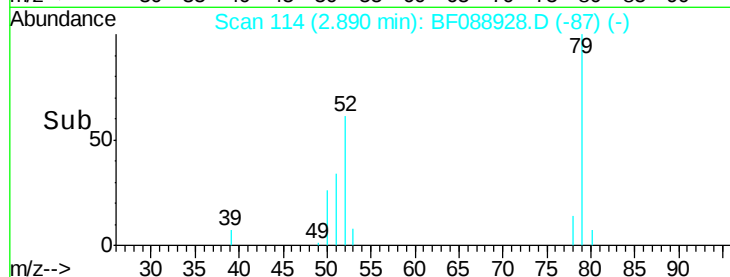
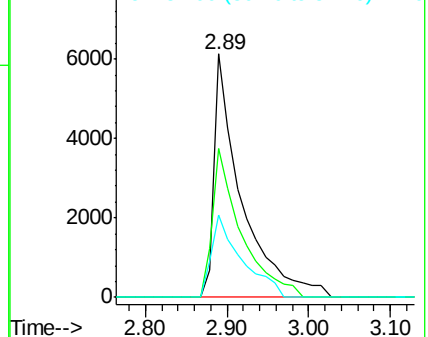
79 100

52 61.1 56.3 84.5

51 33.7 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 3.11 ng

RT: 2.80 min Scan# 106

Delta R.T. -0.03 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

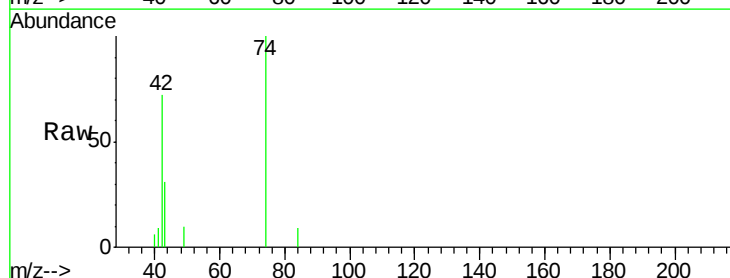
Tgt Ion: 42 Resp: 6552

Ion Ratio Lower Upper

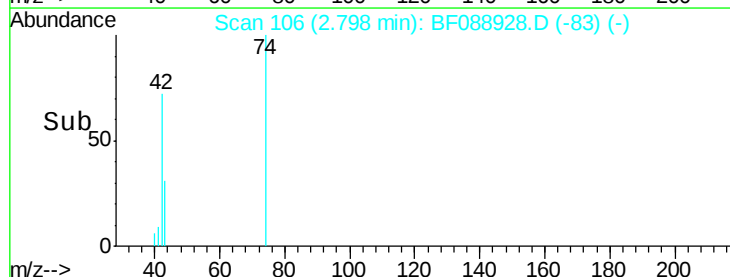
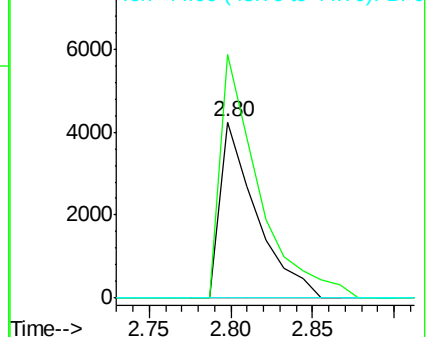
42 100

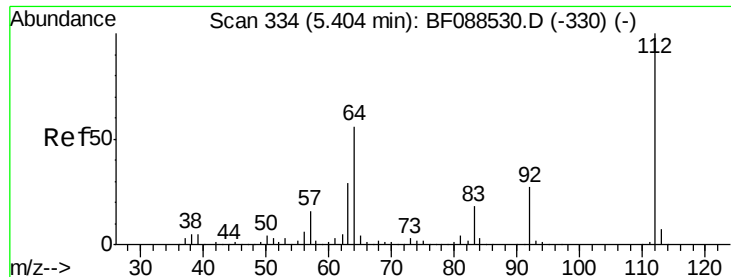
74 138.1 108.6 163.0

44 0.0 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: 12.55 ng

RT: 5.29 min Scan# 324

Delta R.T. -0.00 min

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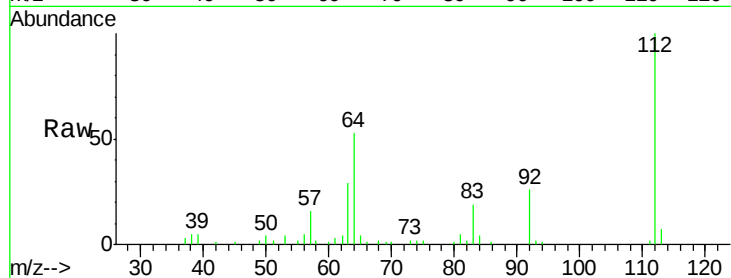
Tgt Ion: 112 Resp: 48068

Ion Ratio Lower Upper

112 100

64 53.4 42.2 63.2

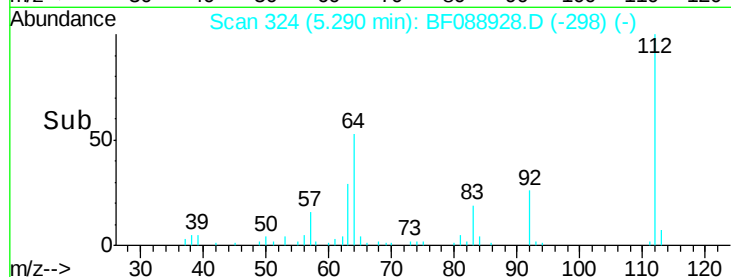
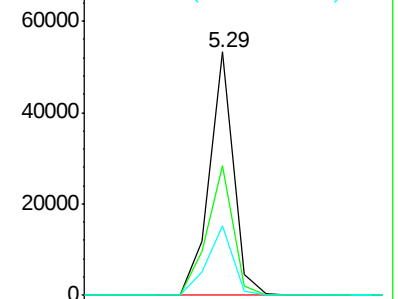
63 28.8 21.8 32.8



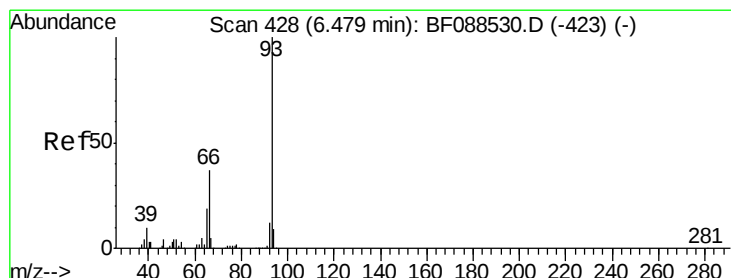
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#6

Aniline

Concen: 1.38 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

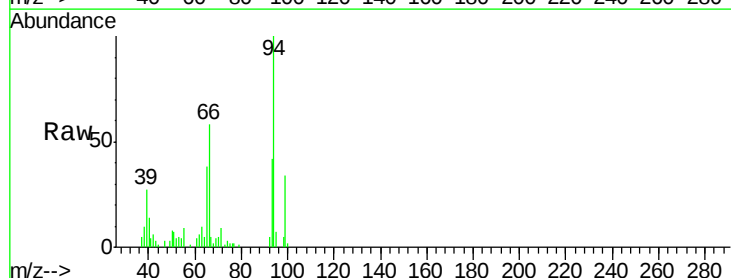
Tgt Ion: 93 Resp: 9945

Ion Ratio Lower Upper

93 100

66 137.5 29.8 44.8#

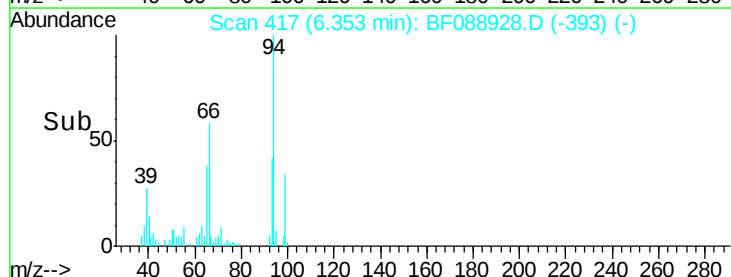
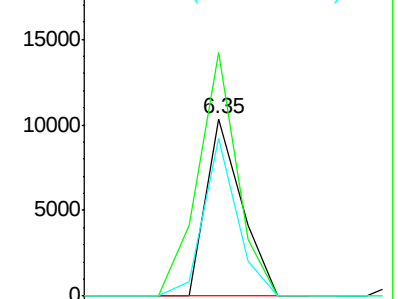
65 88.9 14.9 22.3#



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



Time-->



#7

Phenol-d6

Concen: 13.00 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

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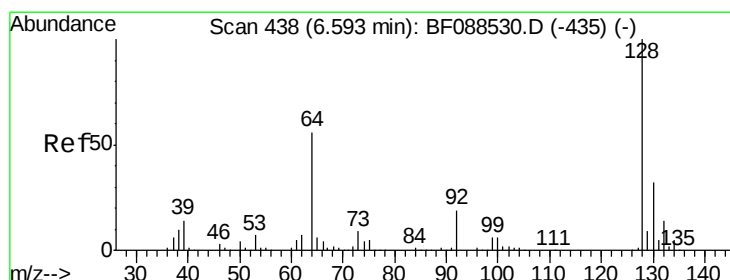
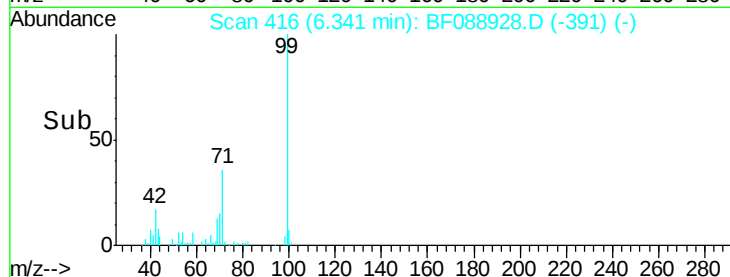
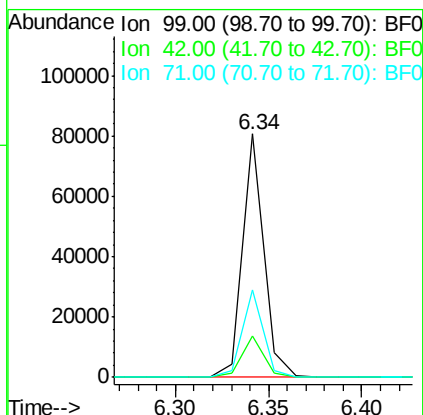
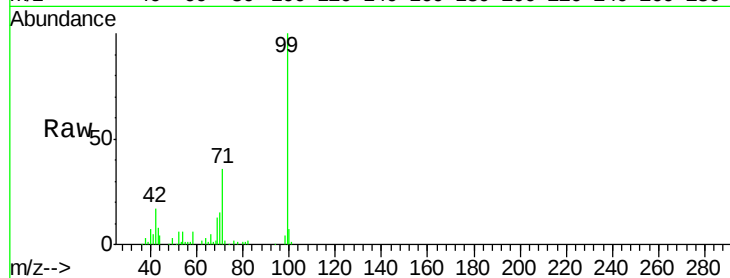
Tgt Ion: 99 Resp: 64309

Ion Ratio Lower Upper

99 100

42 17.1 12.2 18.2

71 35.8 23.4 35.0#



#8

2-Chlorophenol

Concen: 3.99 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

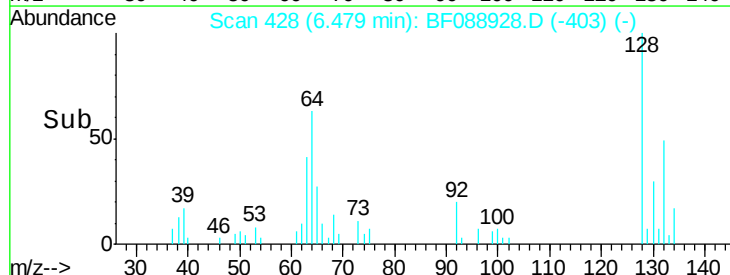
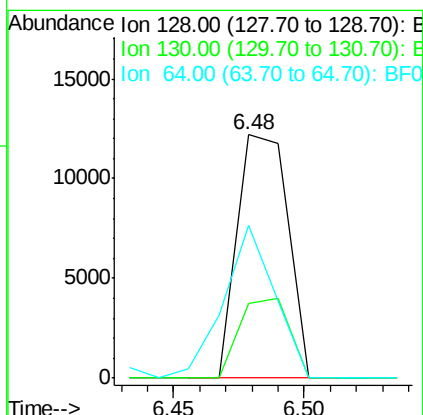
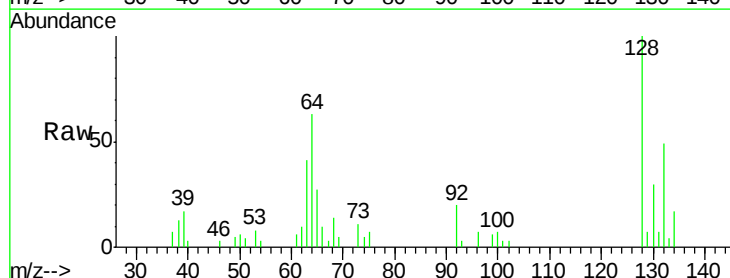
Tgt Ion: 128 Resp: 16435

Ion Ratio Lower Upper

128 100

130 30.5 12.0 52.0

64 62.7 30.8 70.8





#9

Benzaldehyde

Concen: 2.22 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF088928.D

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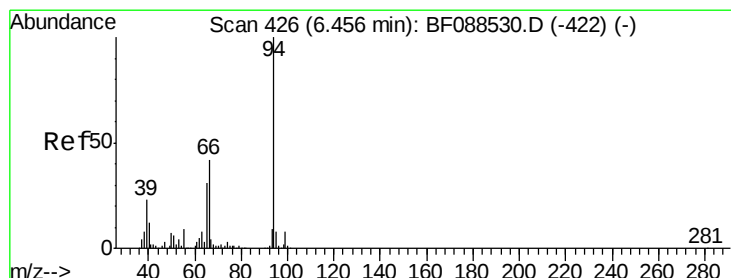
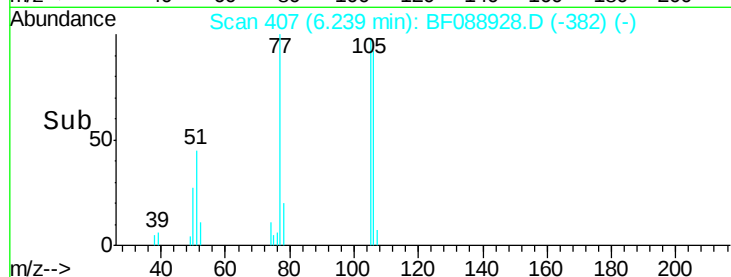
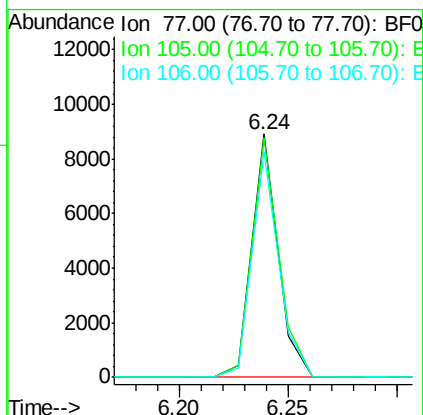
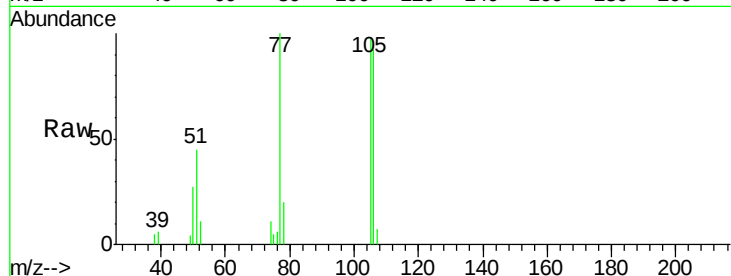
Tgt Ion: 77 Resp: 7457

Ion Ratio Lower Upper

77 100

105 98.3 90.6 130.6

106 92.5 85.3 125.3



#10

Phenol

Concen: 3.84 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

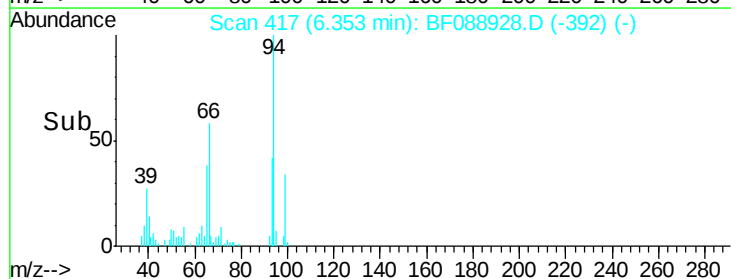
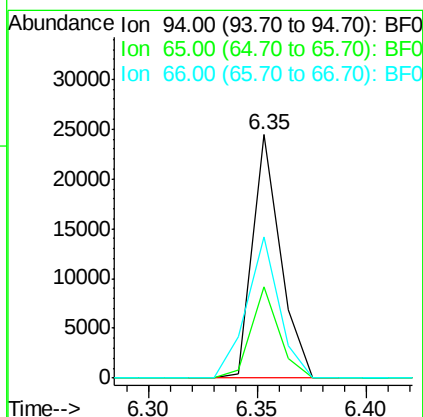
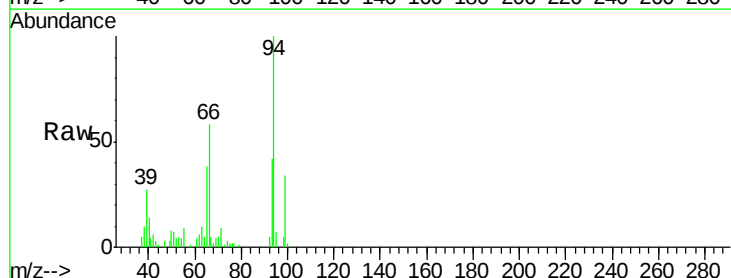
Tgt Ion: 94 Resp: 21706

Ion Ratio Lower Upper

94 100

65 37.6 5.9 45.9

66 58.2 14.0 54.0#





#11

bis(2-Chloroethyl)ether

Concen: 4.03 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB91808BS

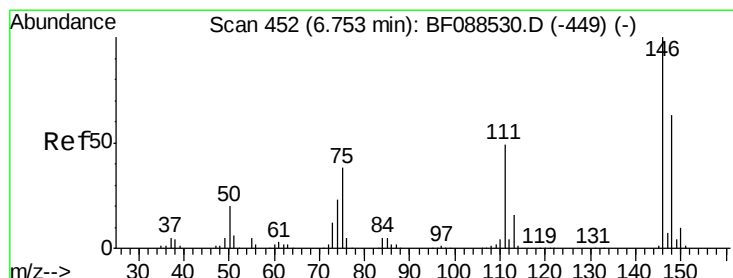
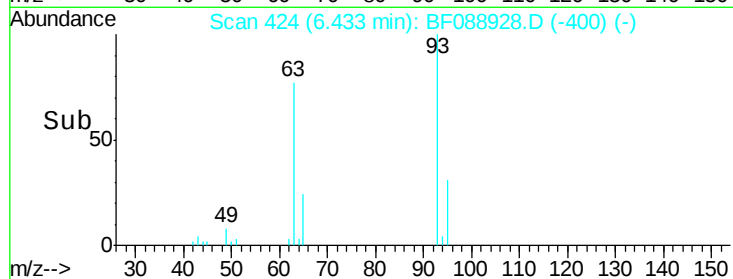
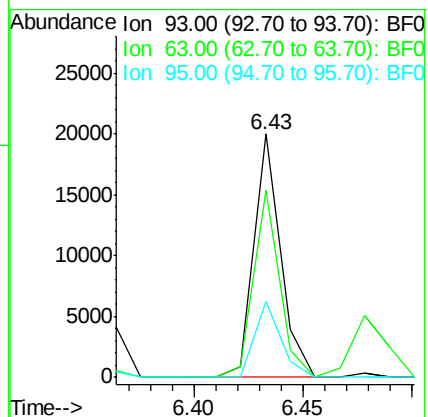
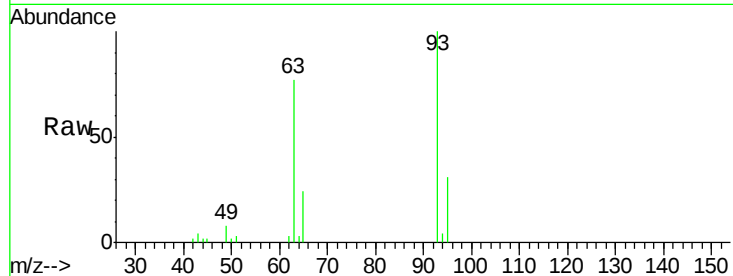
Tgt Ion: 93 Resp: 16973

Ion Ratio Lower Upper

93 100

63 77.0 67.6 107.6

95 31.2 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 4.26 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

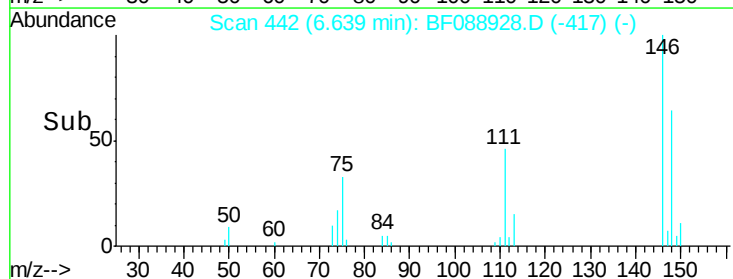
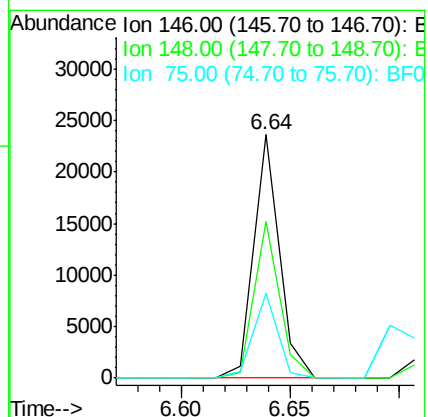
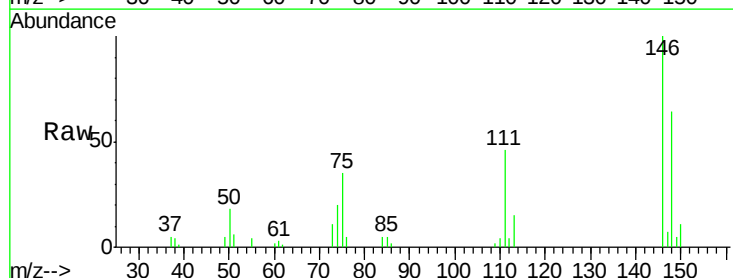
Tgt Ion: 146 Resp: 19291

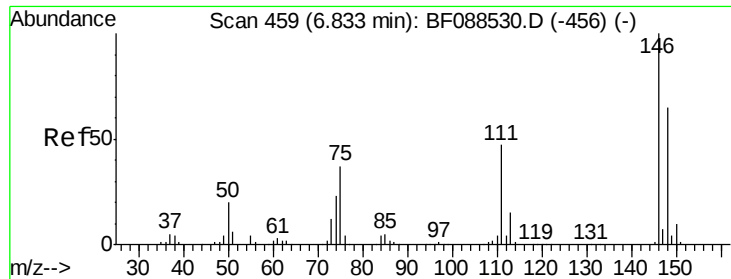
Ion Ratio Lower Upper

146 100

148 64.1 50.9 76.3

75 34.8 25.6 38.4

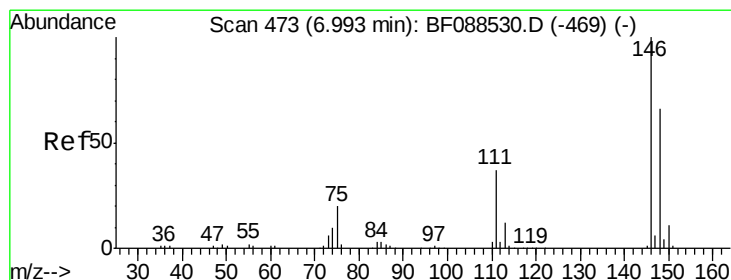
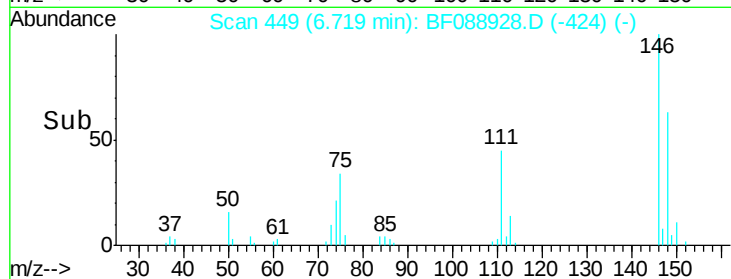
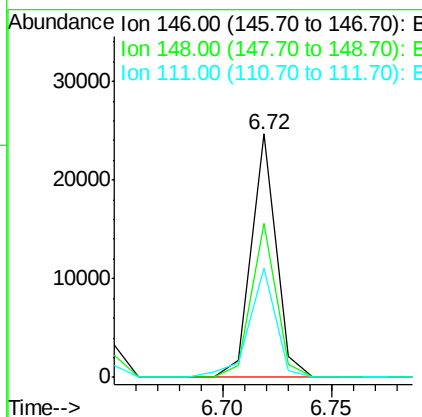
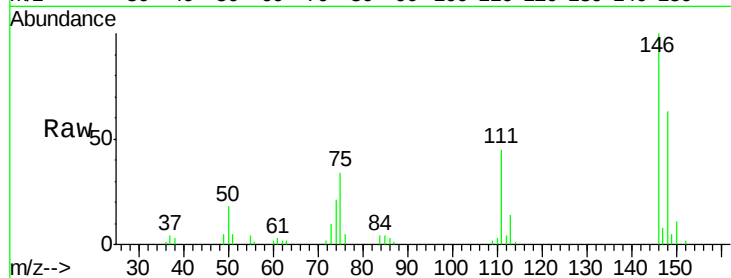




#13
 1,4-Dichlorobenzene
 Concen: 4.36 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

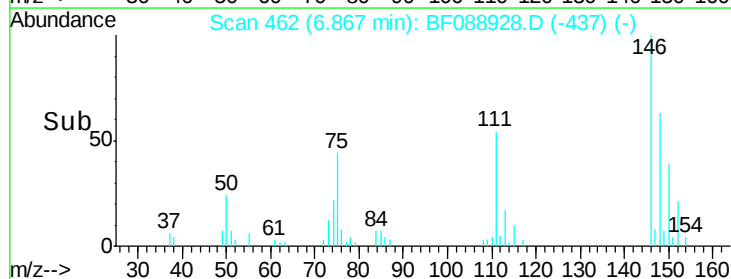
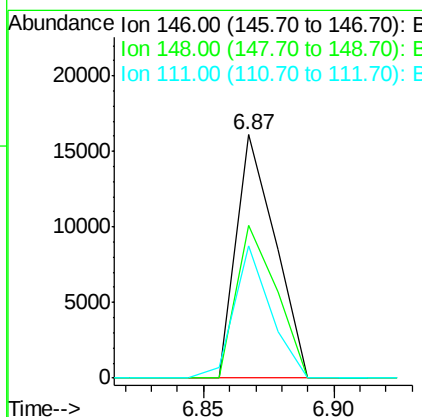
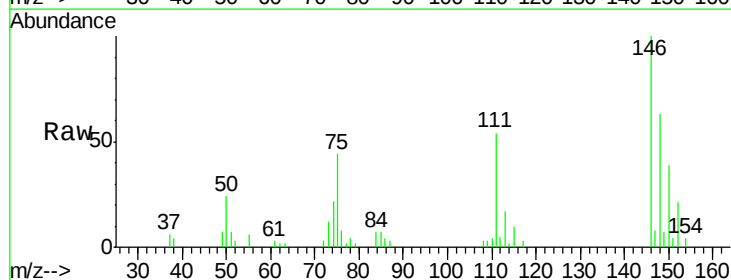
Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Tgt Ion:146 Resp: 19589
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.0 78.0
 111 44.9 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 4.00 ng
 RT: 6.87 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Tgt Ion:146 Resp: 16848
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.3 78.5
 111 54.5 28.7 43.1#





#15

Benzyl Alcohol

Concen: 4.49 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB91808BS

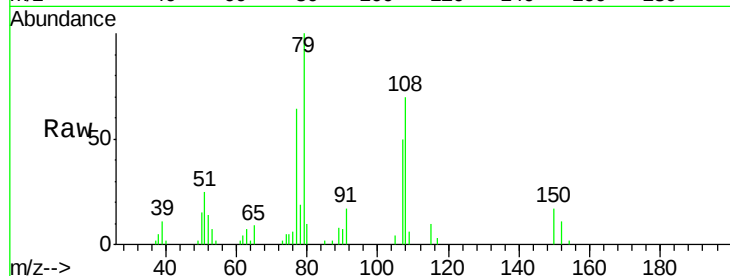
Tgt Ion: 79 Resp: 16354

Ion Ratio Lower Upper

79 100

108 70.1 65.0 97.6

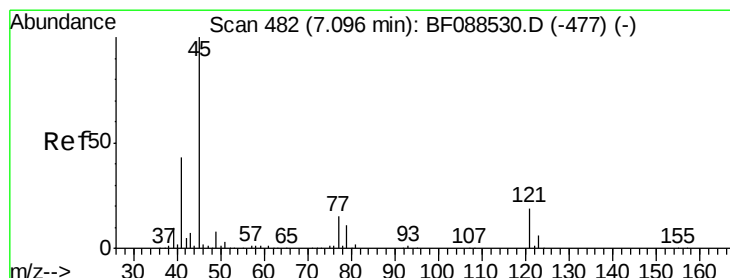
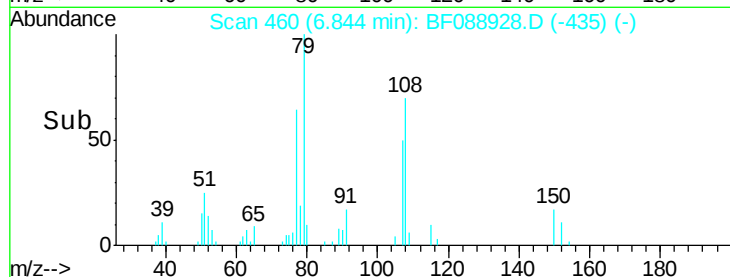
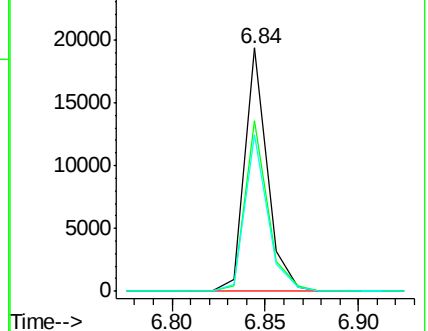
77 64.3 50.3 75.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.49 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

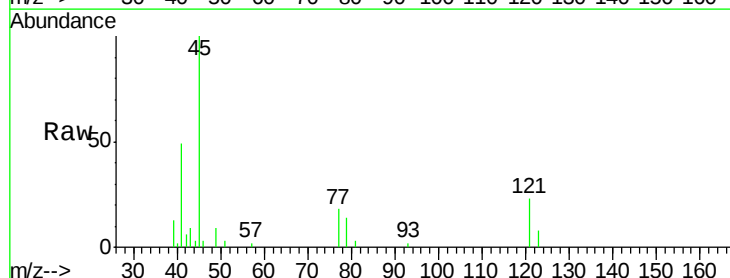
Tgt Ion: 45 Resp: 21257

Ion Ratio Lower Upper

45 100

77 17.9 0.0 32.5

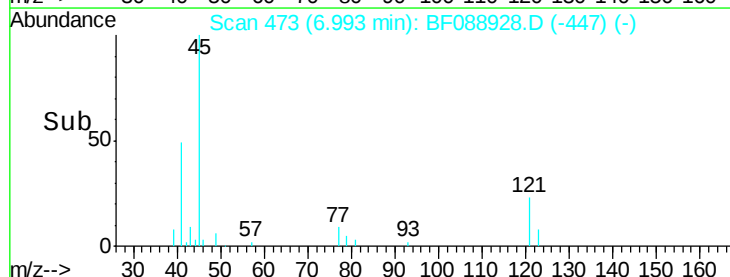
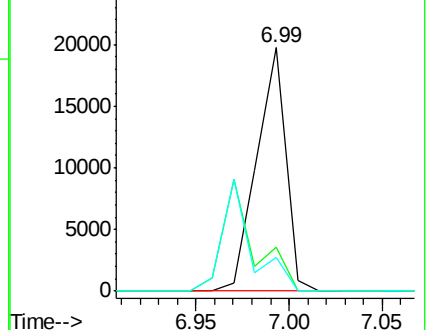
79 13.6 0.0 29.5

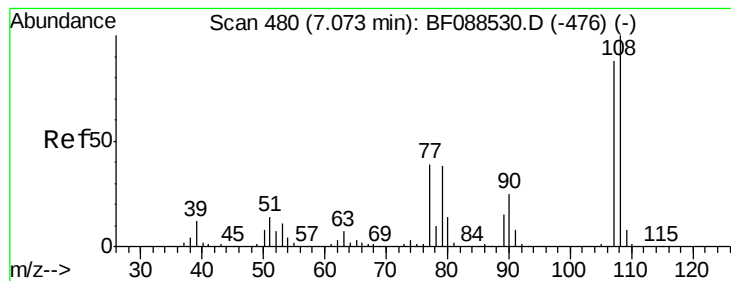


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

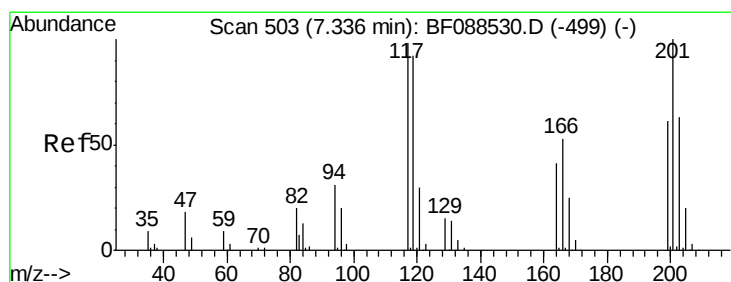
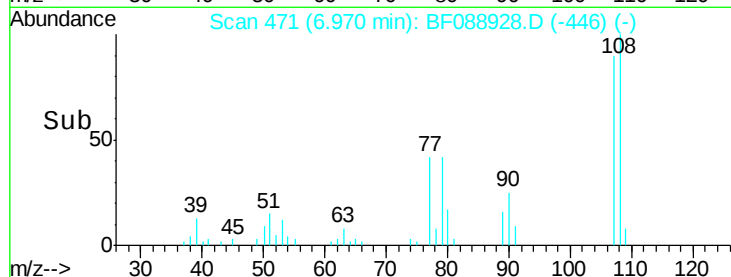
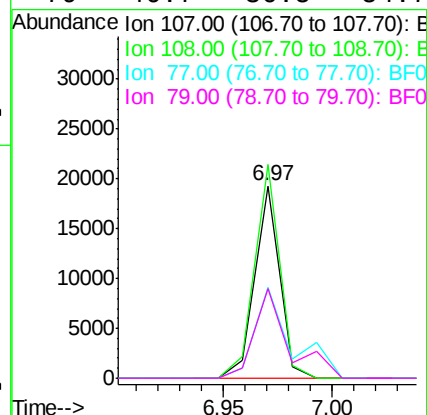
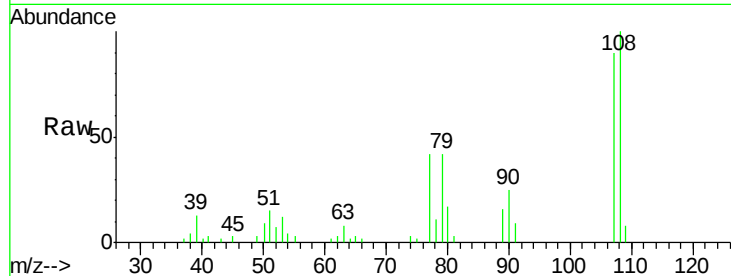




#17
2-Methylphenol
Concen: 4.55 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

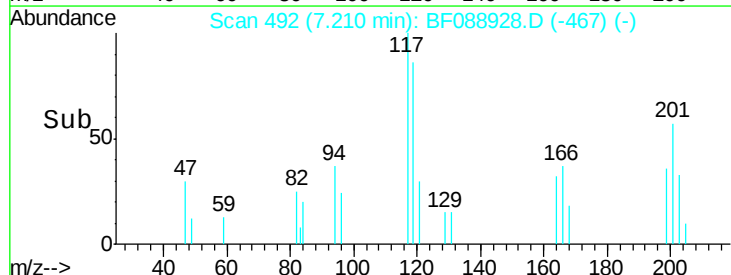
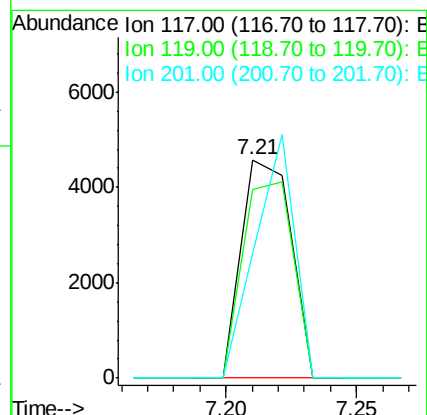
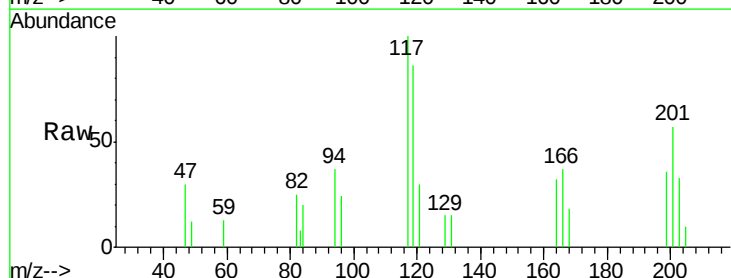
Instrument :
BNA_F
ClientSampleId :
PB91808BS

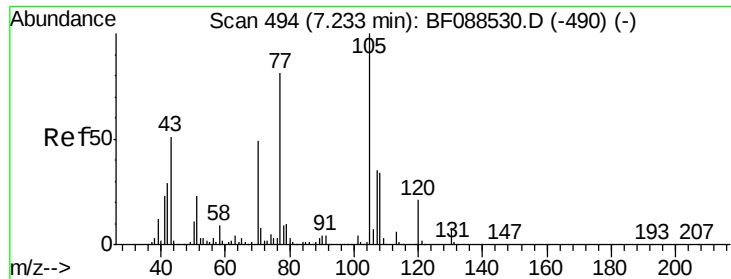
Tgt Ion:107 Resp: 15286
Ion Ratio Lower Upper
107 100
108 110.9 90.9 136.3
77 46.9 36.6 55.0
79 46.7 36.5 54.7



#18
Hexachloroethane
Concen: 3.48 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion:117 Resp: 6052
Ion Ratio Lower Upper
117 100
119 86.2 77.4 116.2
201 56.9 80.4 120.6#

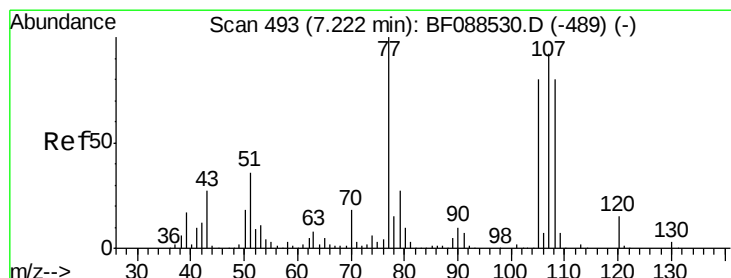
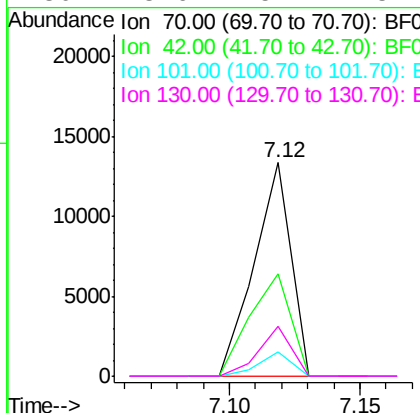
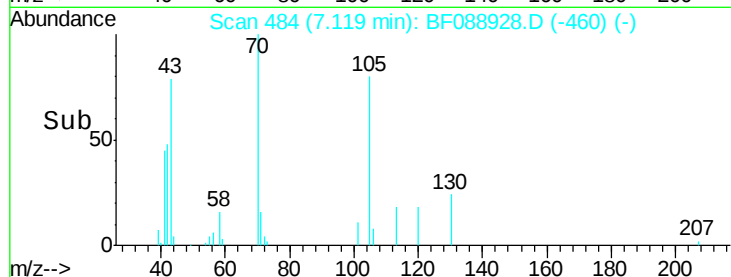
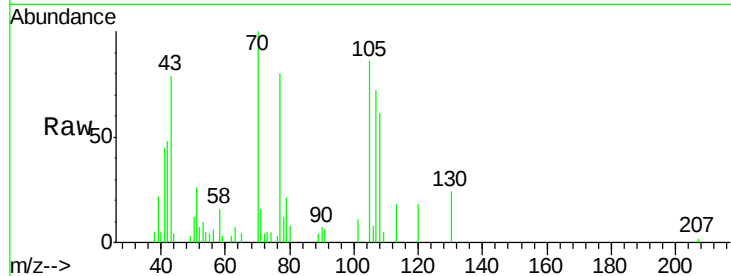




#19
n-Nitroso-di-n-propylamine
Concen: 3.91 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

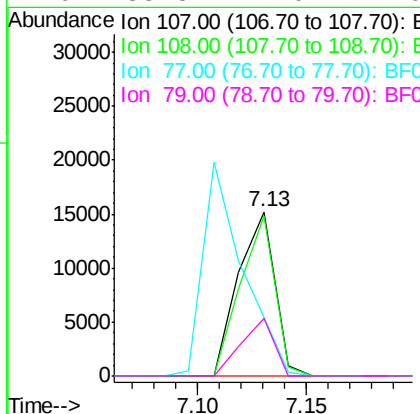
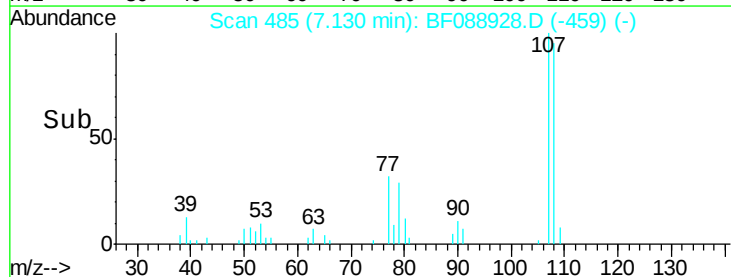
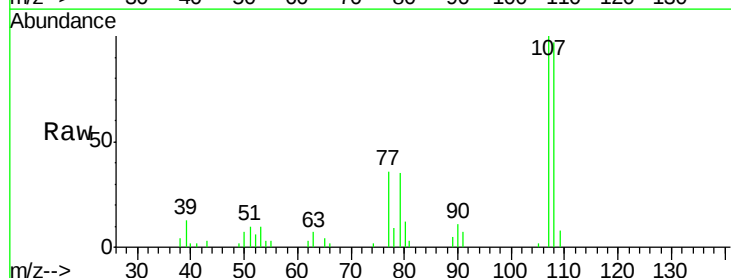
Instrument :
BNA_F
ClientSampleId :
PB91808BS

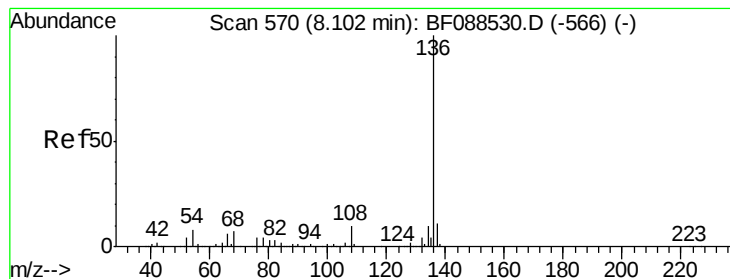
Tgt Ion: 70 Resp: 13011
Ion Ratio Lower Upper
70 100
42 48.1 49.6 74.4#
101 11.3 7.1 10.7#
130 23.6 15.4 23.2#



#20
3+4-Methylphenols
Concen: 4.38 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion: 107 Resp: 17640
Ion Ratio Lower Upper
107 100
108 97.5 67.8 107.8
77 36.0 59.3 99.3#
79 35.3 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB91808BS

Tgt Ion:136 Resp: 228300

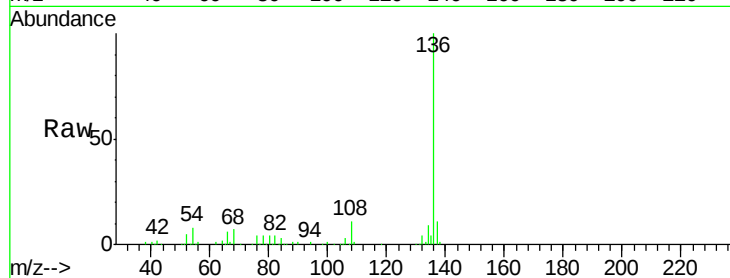
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.3 6.6 10.0

68 6.6 5.1 7.7

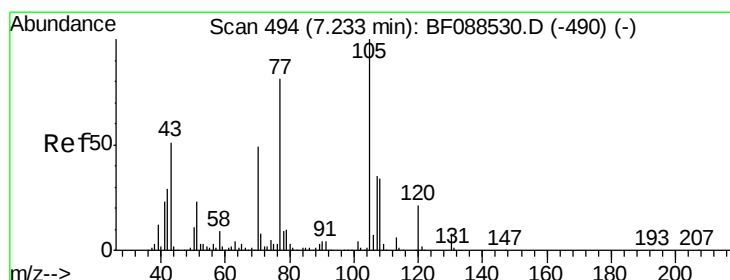
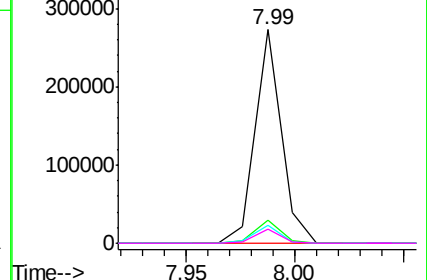
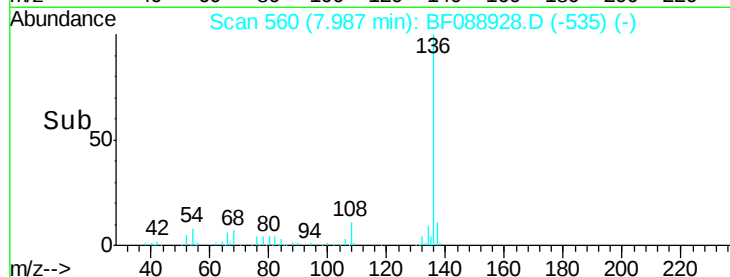


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.35 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Tgt Ion:105 Resp: 24124

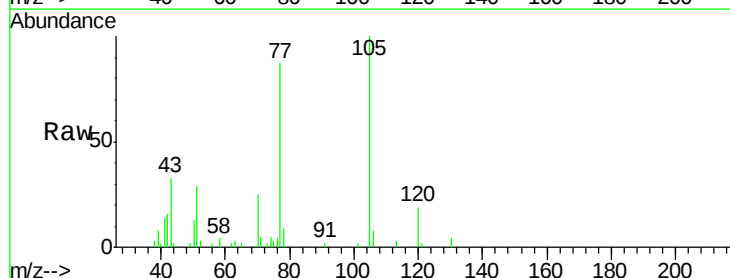
Ion Ratio Lower Upper

105 100

71 4.5 5.3 7.9#

51 28.6 18.2 27.4#

120 19.4 18.0 27.0

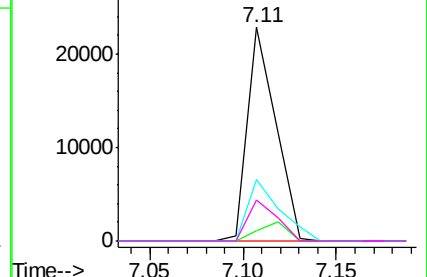
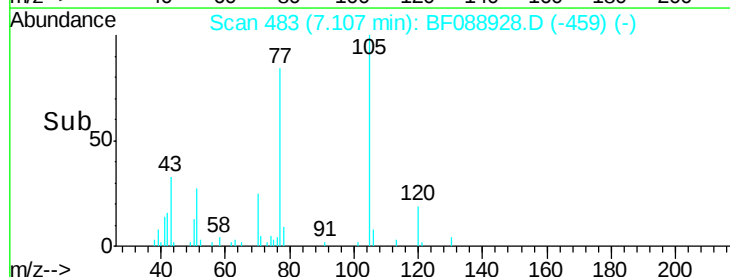


Abundance Ion 105.00 (104.70 to 105.70): E

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

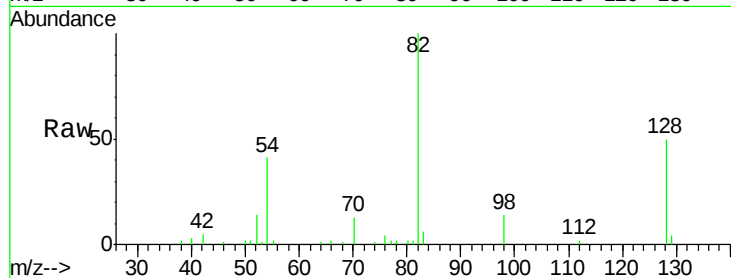




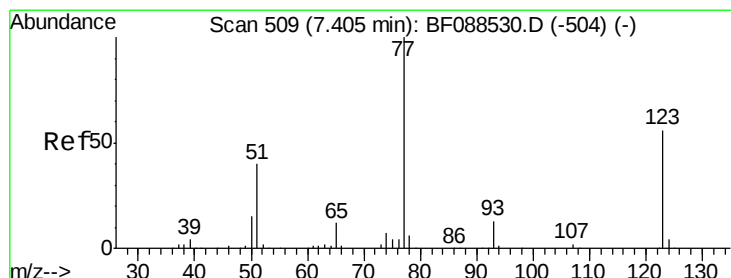
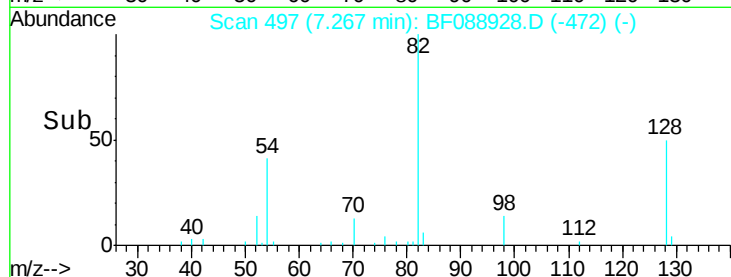
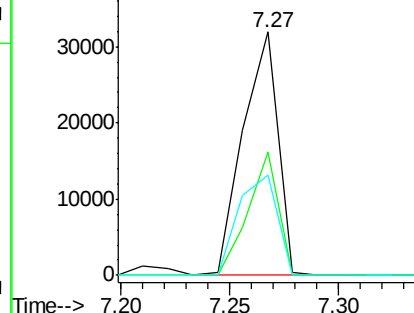
#23
 Nitrobenzene-d5
 Concen: 8.15 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Tgt Ion: 82 Resp: 35485
 Ion Ratio Lower Upper
 82 100
 128 50.4 35.9 53.9
 54 41.4 40.9 61.3

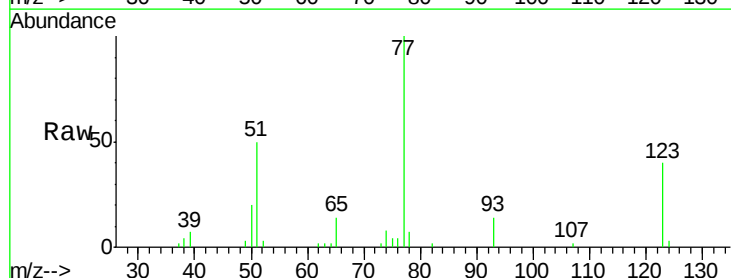


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

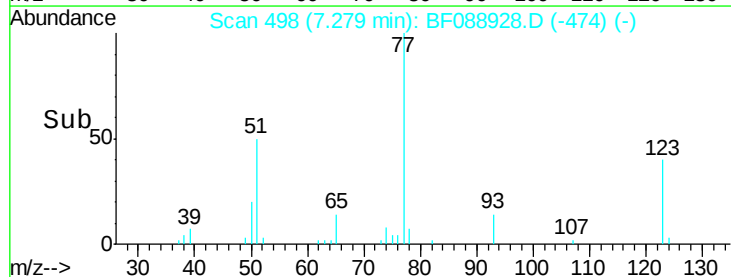
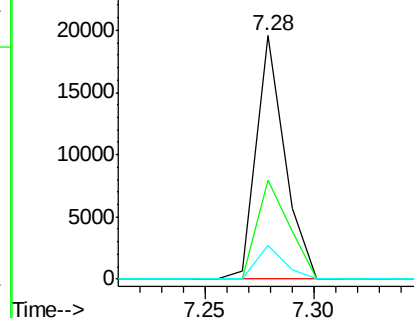


#24
 Nitrobenzene
 Concen: 4.05 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Tgt Ion: 77 Resp: 17808
 Ion Ratio Lower Upper
 77 100
 123 40.4 45.0 67.4#
 65 14.1 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

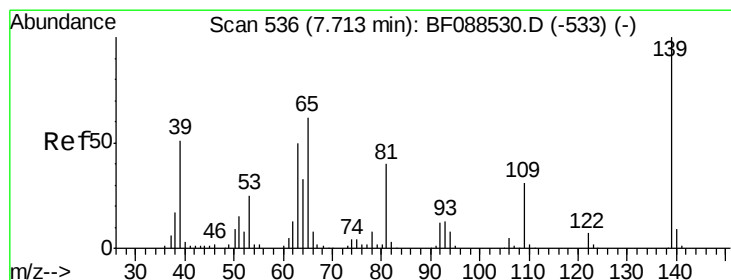
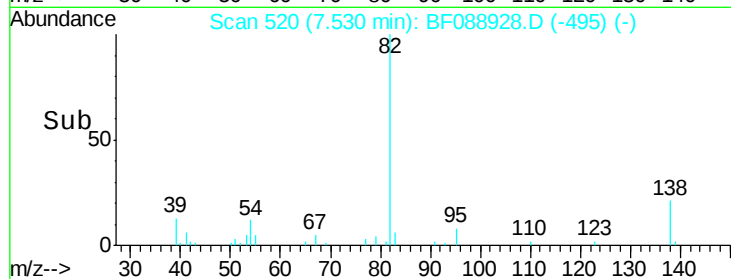
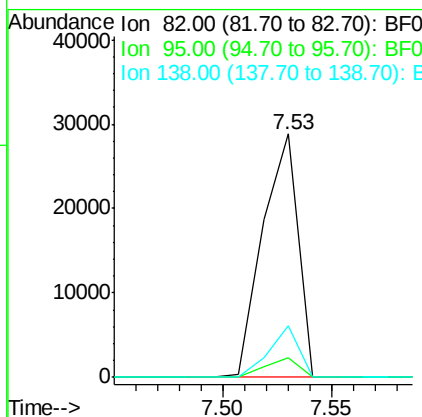
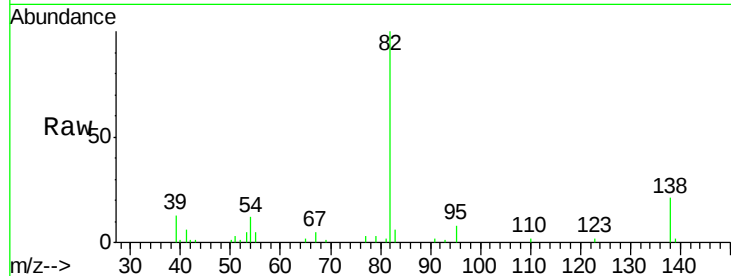




#25
Isophorone
Concen: 4.06 ng
RT: 7.53 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

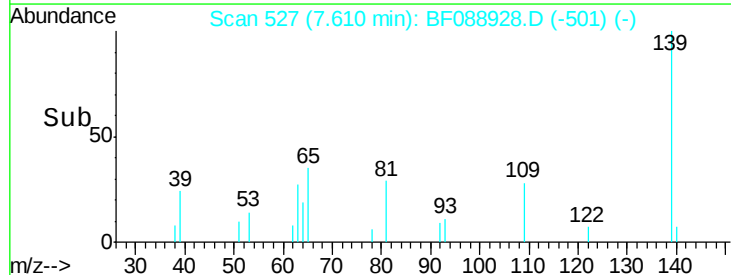
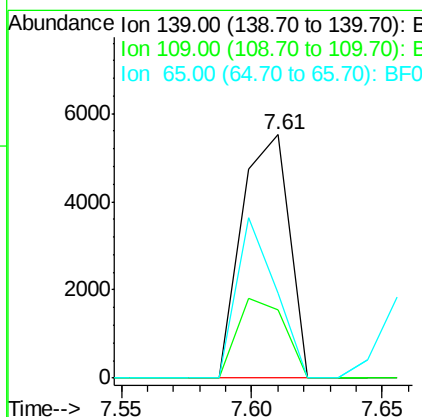
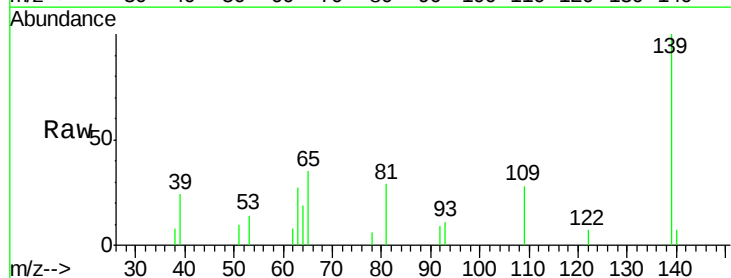
Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion: 82 Resp: 32803
Ion Ratio Lower Upper
82 100
95 7.8 5.4 8.2
138 21.1 14.6 21.8



#26
2-Nitrophenol
Concen: 3.91 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion: 139 Resp: 7049
Ion Ratio Lower Upper
139 100
109 28.0 23.0 34.4
65 34.9 45.8 68.8#

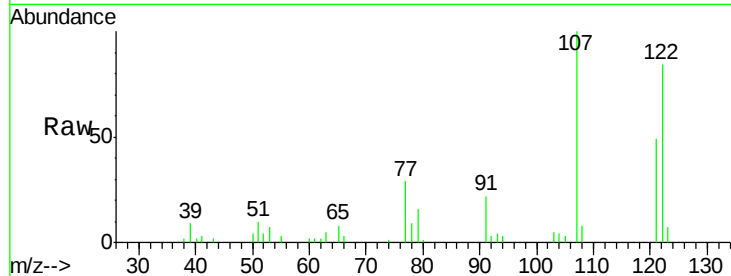




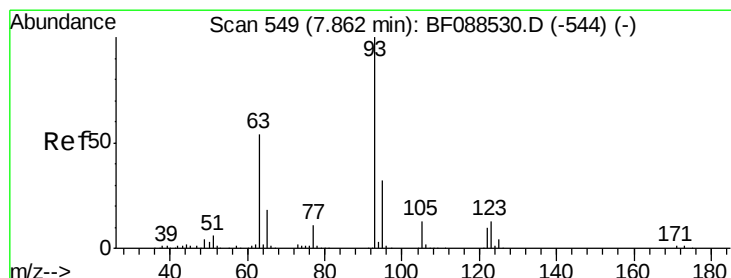
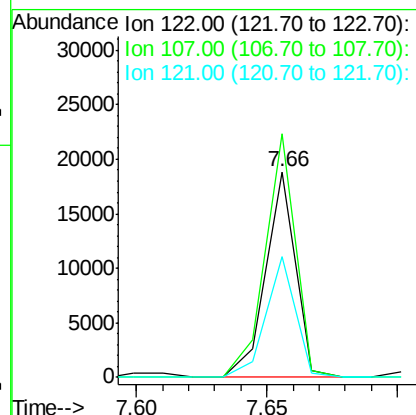
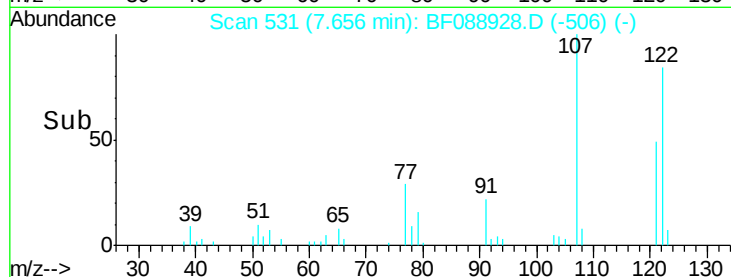
#27
2,4-Dimethylphenol
Concen: 4.02 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion: 122 Resp: 15097
Ion Ratio Lower Upper
122 100
107 118.5 82.4 123.6
121 58.5 46.3 69.5

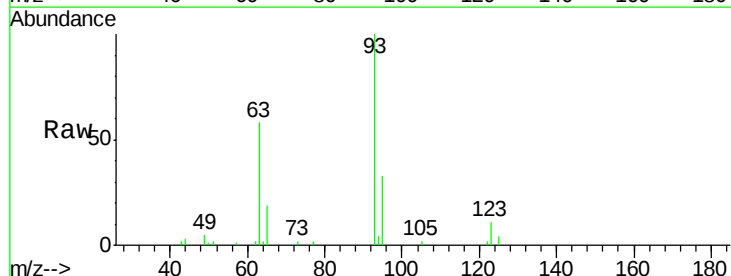


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

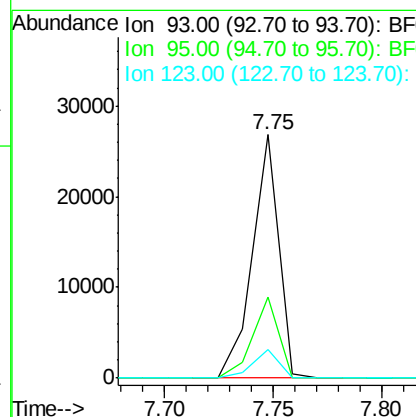
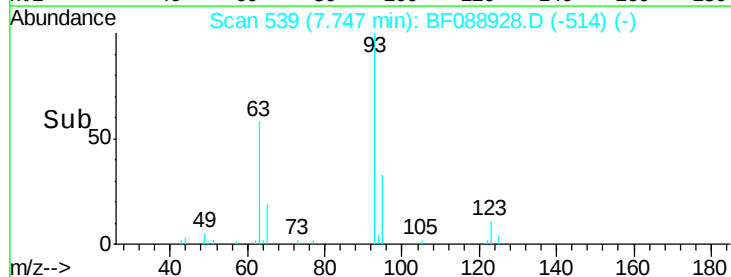


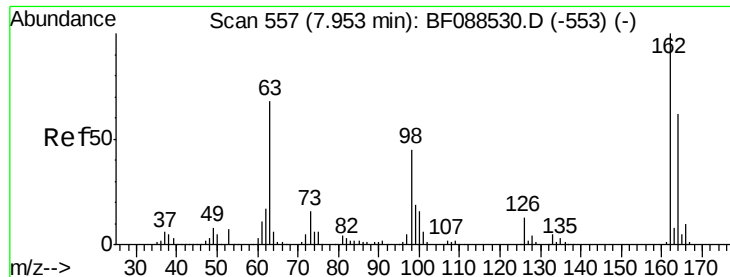
#28
bis(2-Chloroethoxy)methane
Concen: 4.27 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion: 93 Resp: 22409
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 11.5 11.6 17.4#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

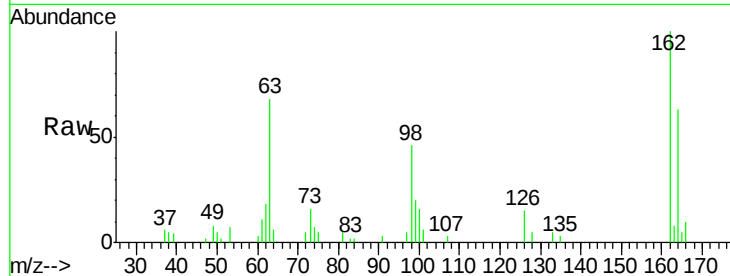




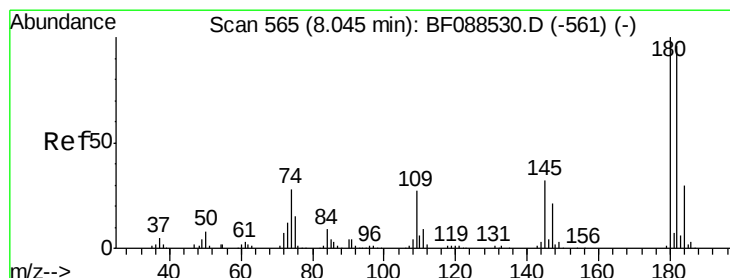
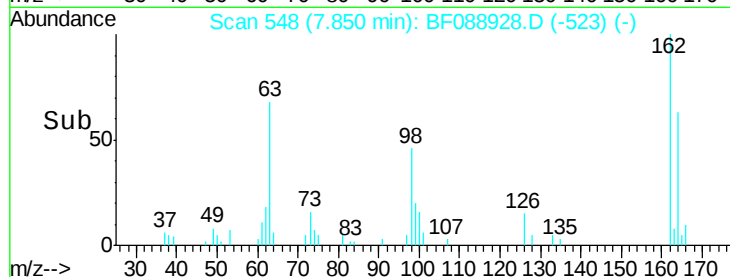
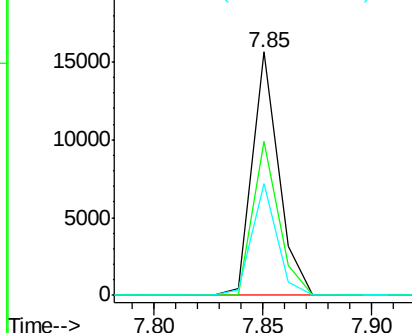
#29
2,4-Dichlorophenol
Concen: 4.35 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion:162 Resp: 13174
Ion Ratio Lower Upper
162 100
164 63.0 43.8 83.8
98 46.0 21.3 61.3

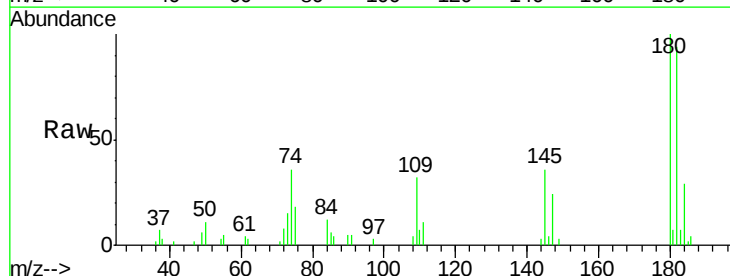


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BFO

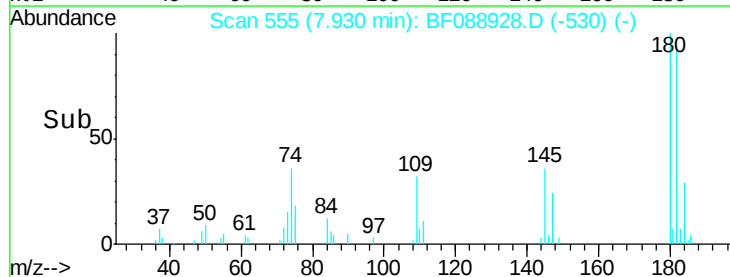
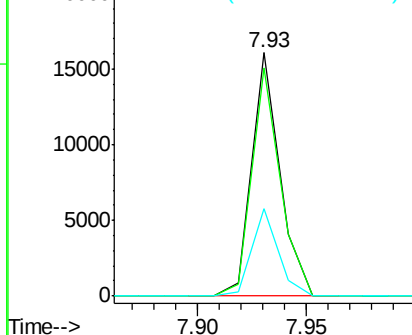


#30
1,2,4-Trichlorobenzene
Concen: 4.33 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion:180 Resp: 14412
Ion Ratio Lower Upper
180 100
182 93.6 76.0 114.0
145 35.9 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

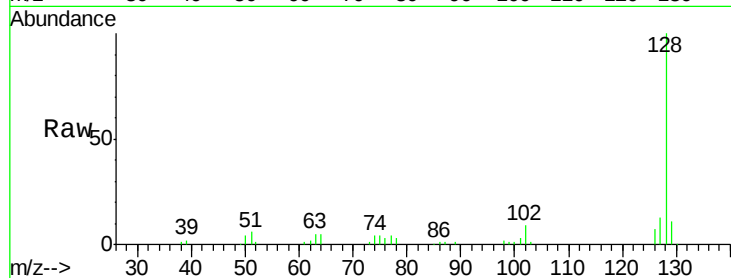




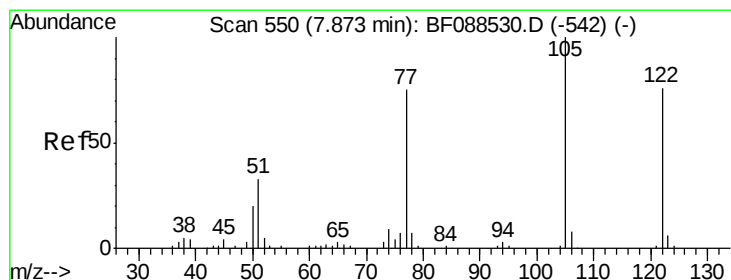
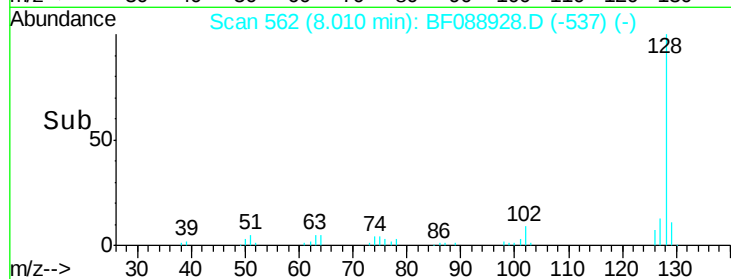
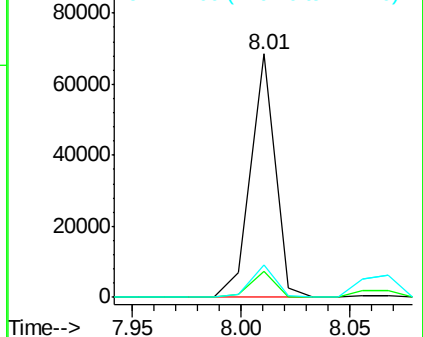
#31
Naphthalene
Concen: 4.77 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion:128 Resp: 53703
Ion Ratio Lower Upper
128 100
129 10.6 9.4 14.2
127 13.1 10.9 16.3

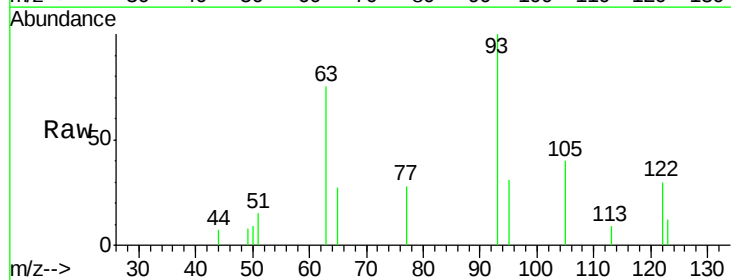


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

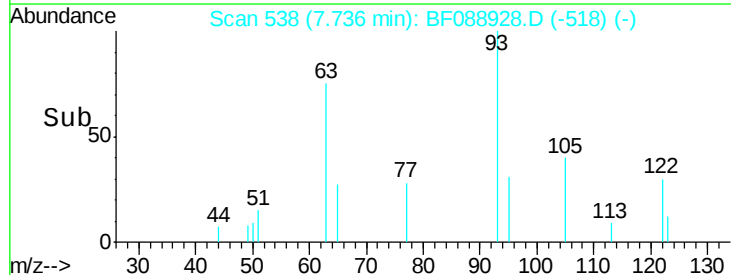
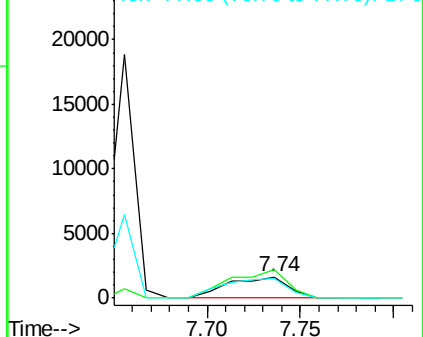


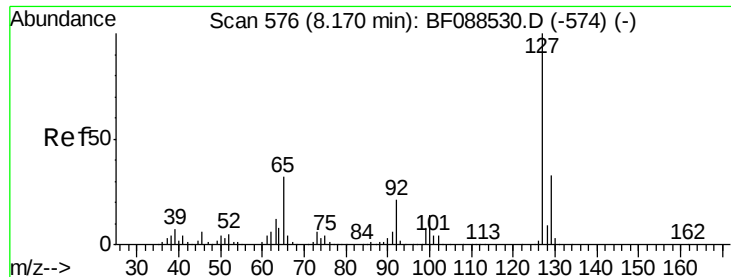
#32
Benzoic acid
Concen: 1.34 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.07 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion:122 Resp: 3641
Ion Ratio Lower Upper
122 100
105 133.1 101.6 141.6
77 93.4 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

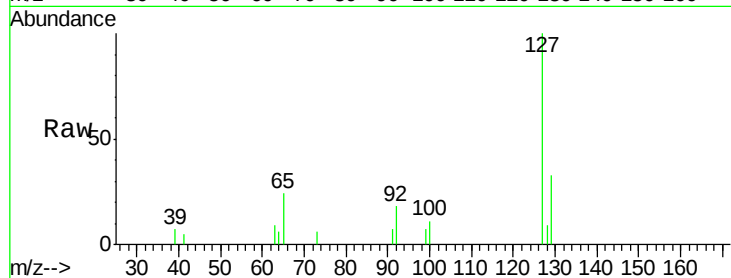




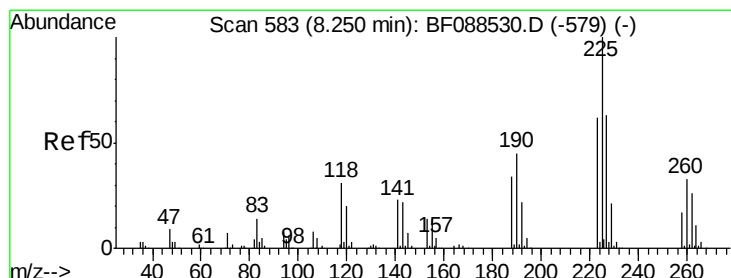
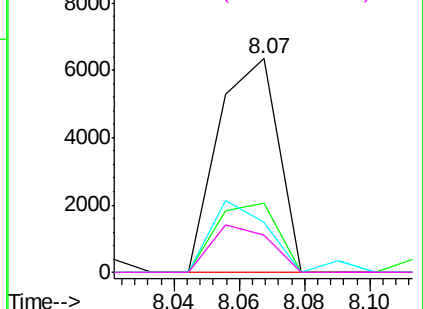
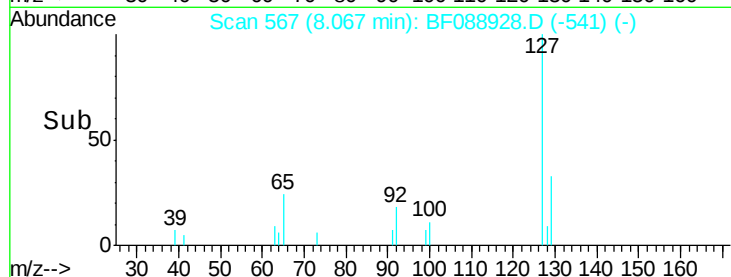
#33
4-Chloroaniline
Concen: 1.60 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion:	127	Resp:	8001
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	23.5	24.7	37.1#
92	17.5	15.4	23.0

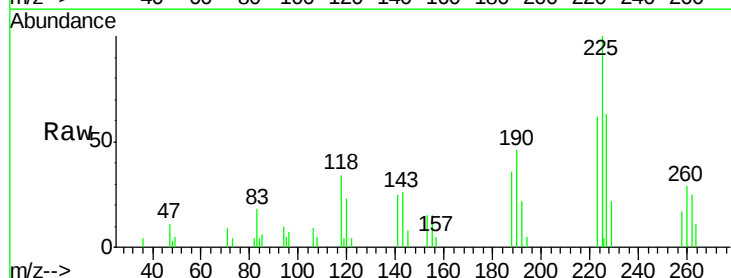


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

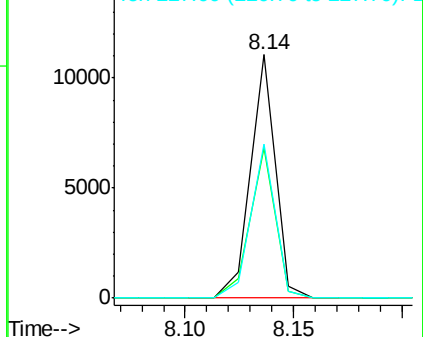
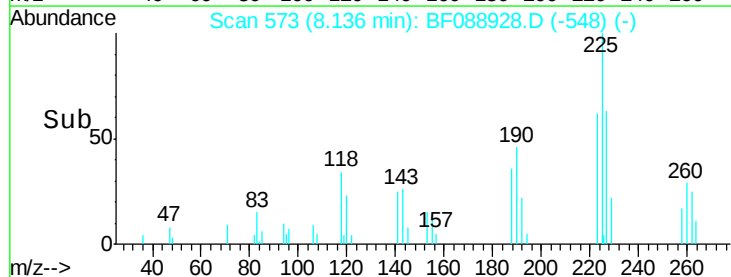


#34
Hexachlorobutadiene
Concen: 4.91 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion:	225	Resp:	8753
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.9	76.3
227	63.2	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

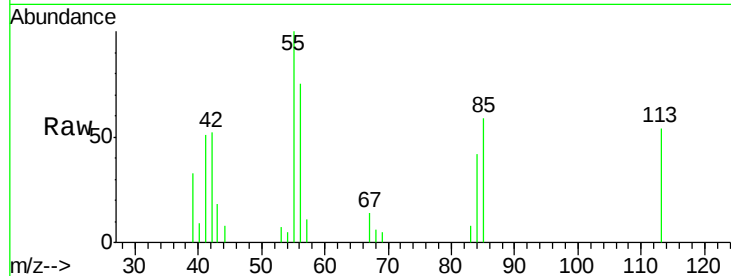




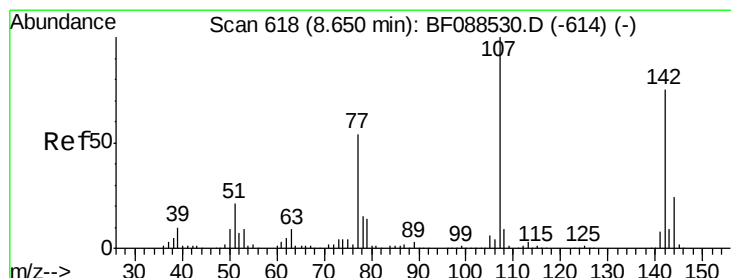
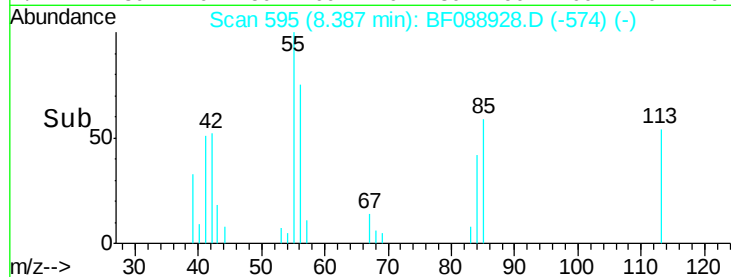
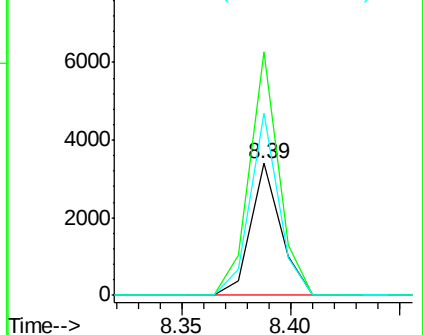
#35
 Caprolactam
 Concen: 3.18 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.06 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Tgt Ion:113 Resp: 3278
 Ion Ratio Lower Upper
 113 100
 55 184.6 158.6 198.6
 56 138.3 110.6 150.6

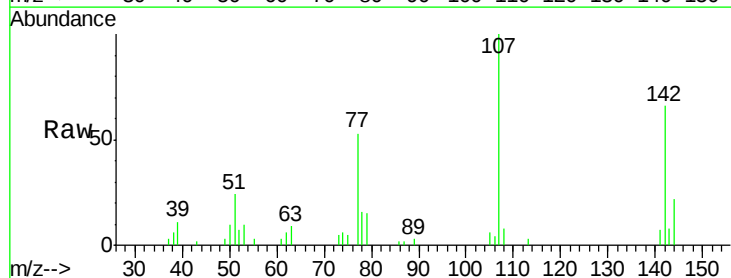


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

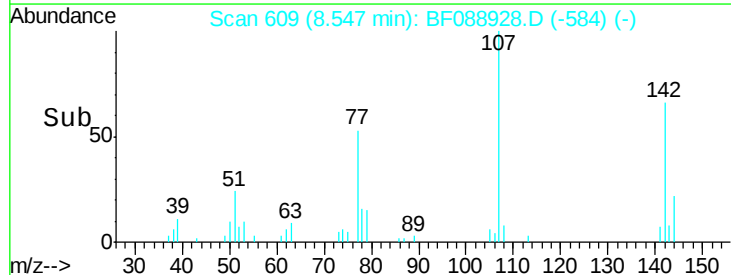
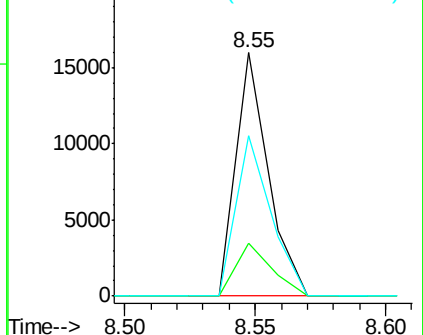


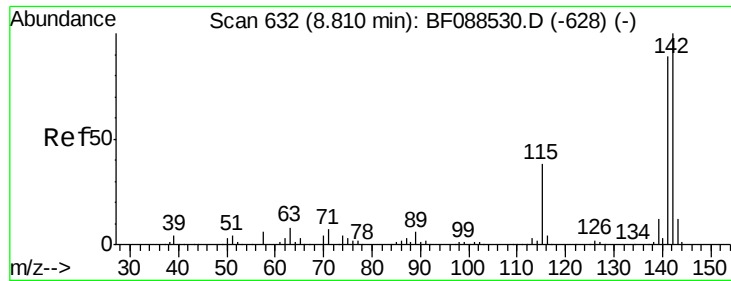
#36
 4-Chloro-3-methylphenol
 Concen: 3.88 ng
 RT: 8.55 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Tgt Ion:107 Resp: 13900
 Ion Ratio Lower Upper
 107 100
 144 21.9 20.8 31.2
 142 65.7 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

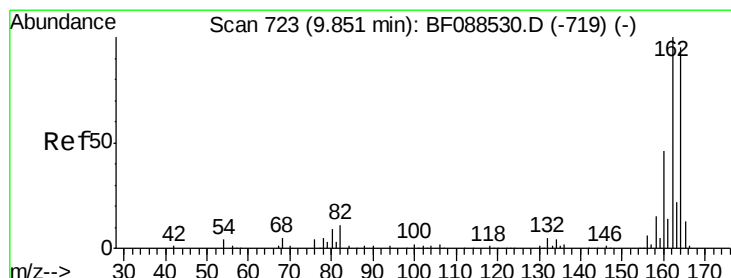
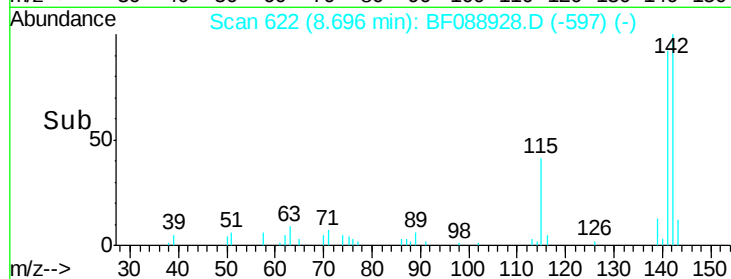
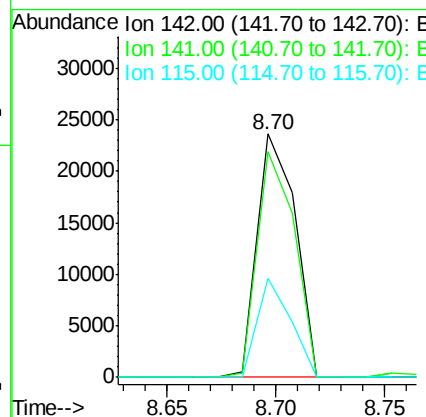
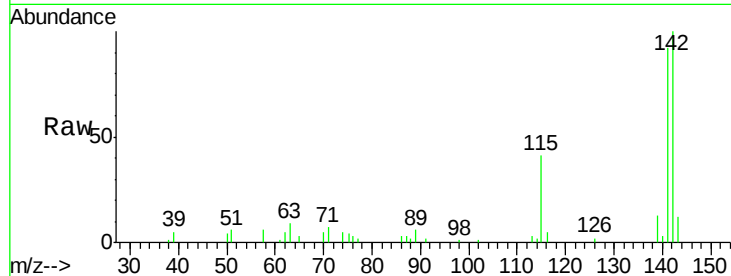




#37
 2-Methylnaphthalene
 Concen: 3.98 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

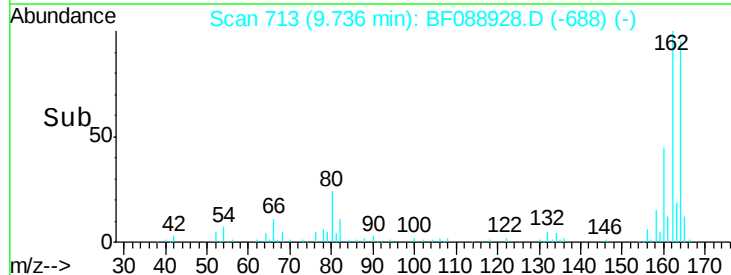
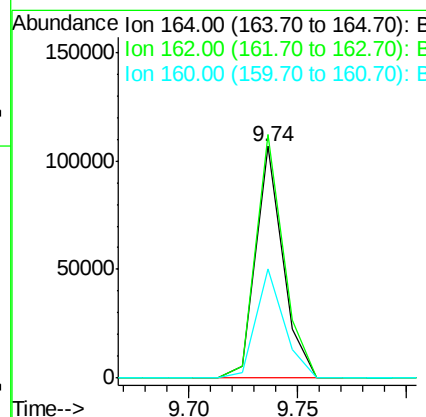
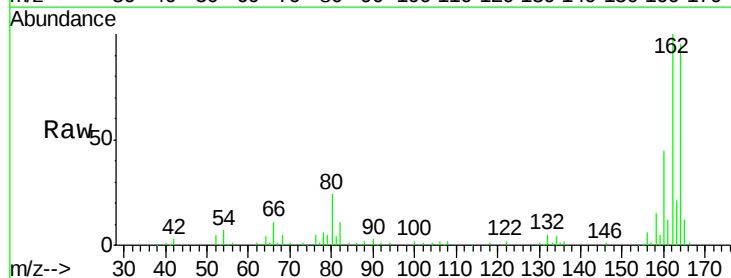
Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Tgt Ion:142 Resp: 28874
 Ion Ratio Lower Upper
 142 100
 141 92.4 71.0 106.6
 115 40.8 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: BF088928.D
 Acq: 12 Jul 2016 19:30

Tgt Ion:164 Resp: 92097
 Ion Ratio Lower Upper
 164 100
 162 105.1 85.4 128.2
 160 46.9 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.55 ng

RT: 8.87 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB91808BS

Tgt Ion:216 Resp: 13931

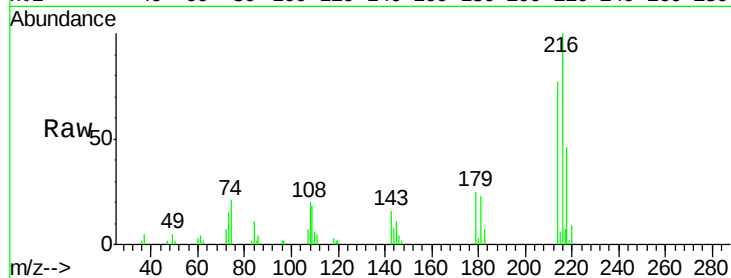
Ion Ratio Lower Upper

216 100

214 76.3 2.9 4.3#

179 23.2 0.0 0.0#

108 19.3 0.5 0.7#

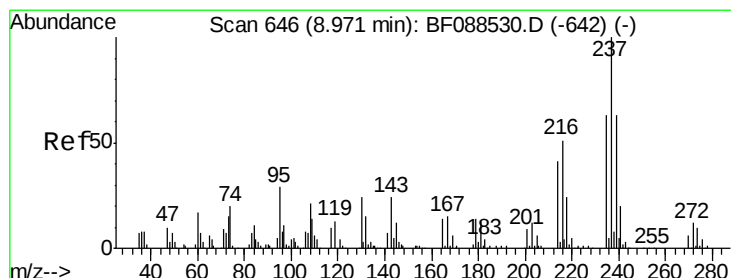
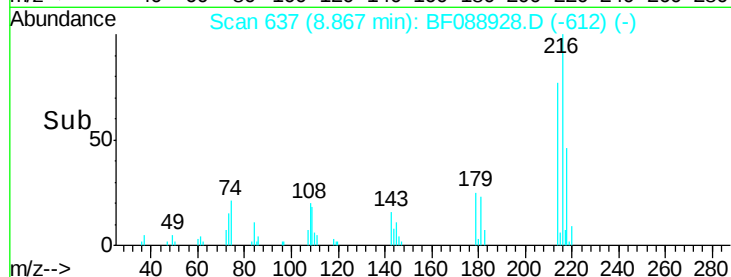
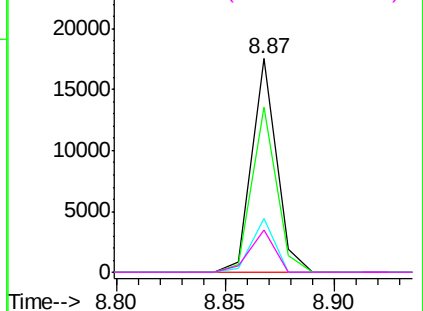


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 0.58 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

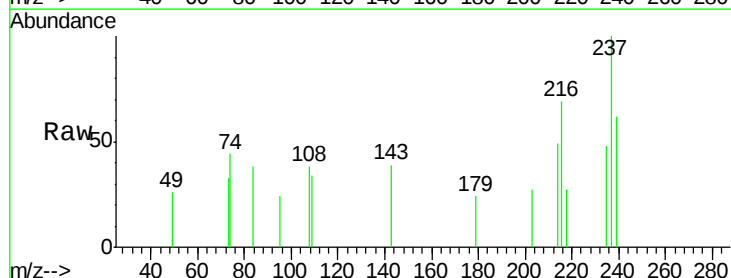
Tgt Ion:237 Resp: 870

Ion Ratio Lower Upper

237 100

235 47.5 43.4 83.4

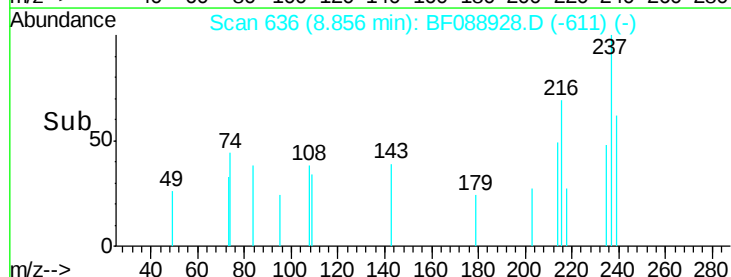
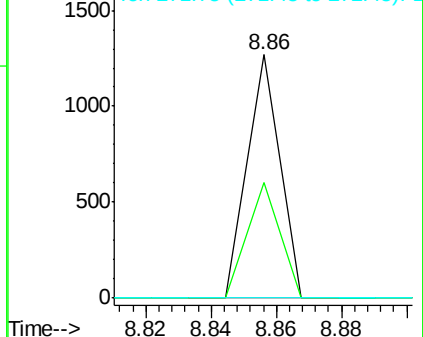
272 0.0 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

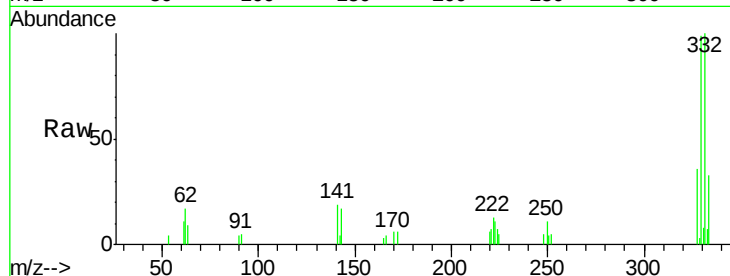




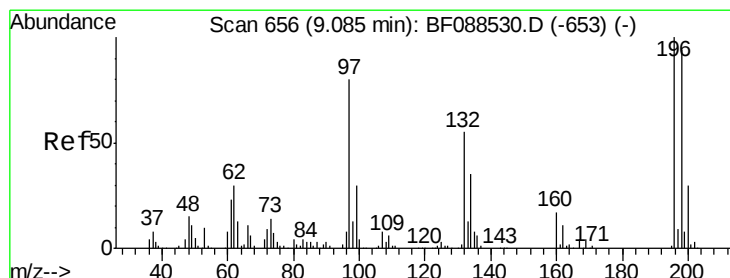
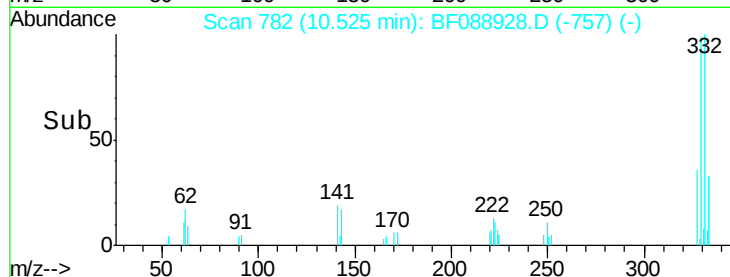
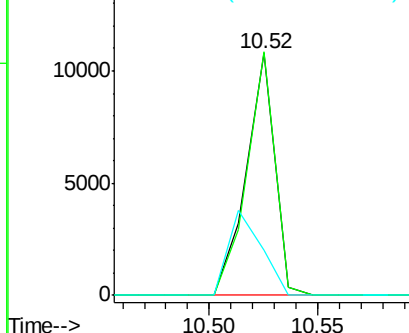
#41
 2,4,6-Tribromophenol
 Concen: 11.52 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Instrument :
 BNA_F
 ClientSampled :
 PB91808BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.5	0.0	0.0#
141	40.7	0.0	0.0#

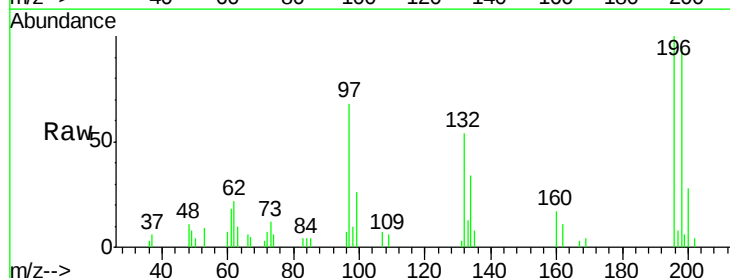


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

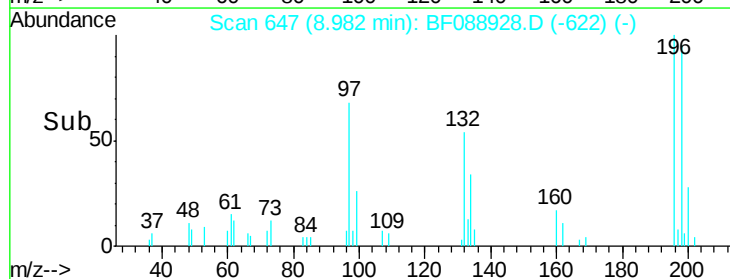
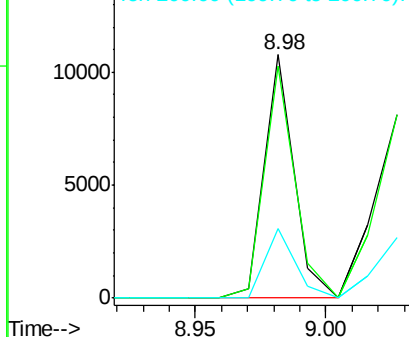


#42
 2,4,6-Trichlorophenol
 Concen: 4.26 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	78.0	117.0
200	28.4	25.4	38.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

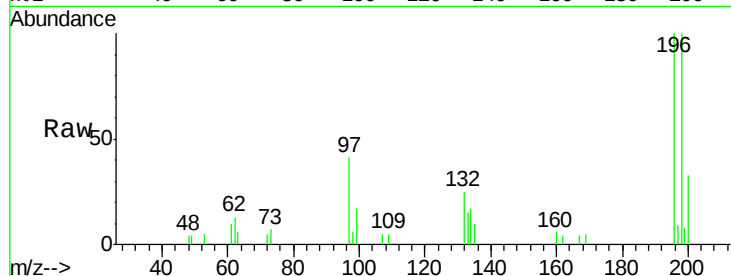




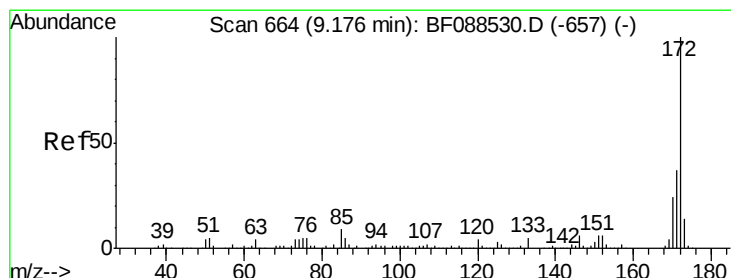
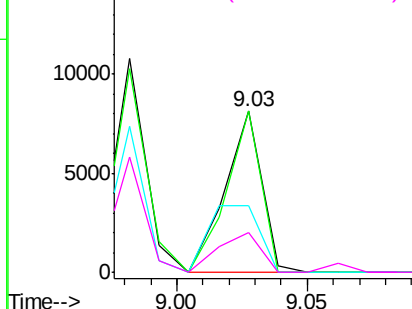
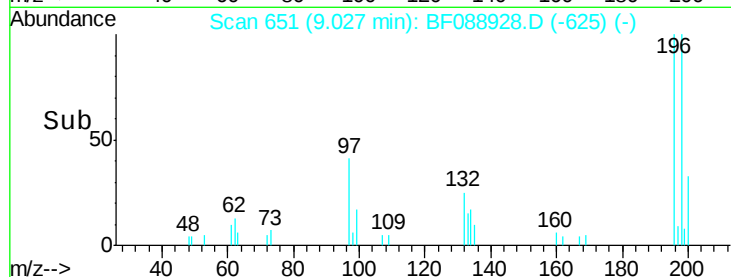
#43
2,4,5-Trichlorophenol
Concen: 4.62 ng
RT: 9.03 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion:196 Resp: 8023
Ion Ratio Lower Upper
196 100
198 100.0 77.5 116.3
97 41.0 32.0 48.0
132 24.9 20.9 31.3

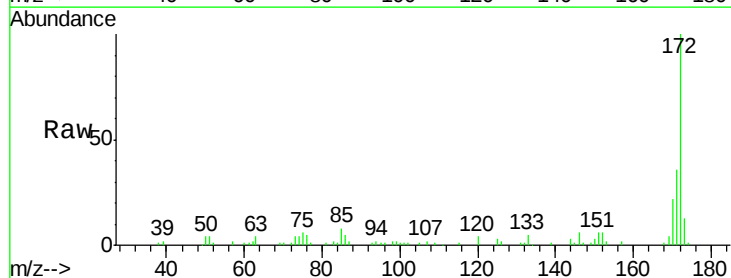


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

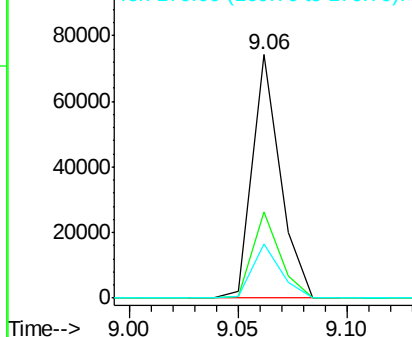
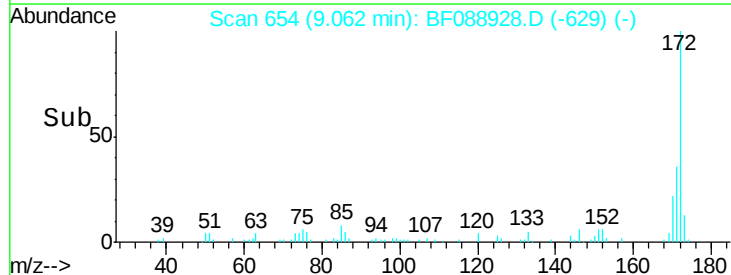


#44
2-Fluorobiphenyl
Concen: 11.34 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion:172 Resp: 66112
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 22.2 19.2 28.8



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





#45

1,1'-Biphenyl

Concen: 5.36 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB91808BS

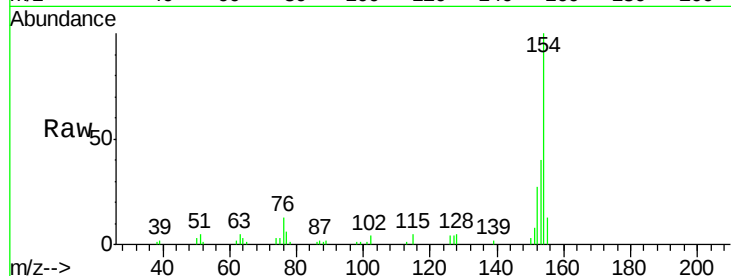
Tgt Ion:154 Resp: 40856

Ion Ratio Lower Upper

154 100

153 39.8 20.6 60.6

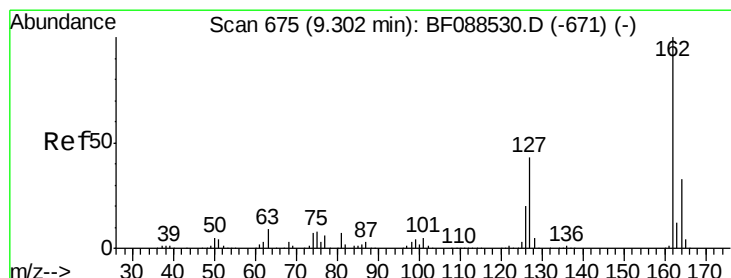
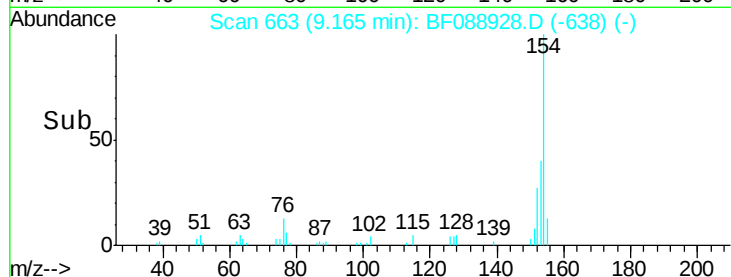
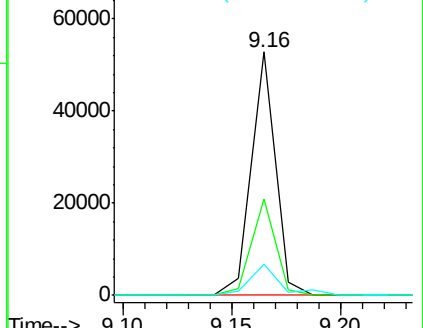
76 12.7 0.0 35.1



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



#46

2-Chloronaphthalene

Concen: 4.95 ng

RT: 9.19 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

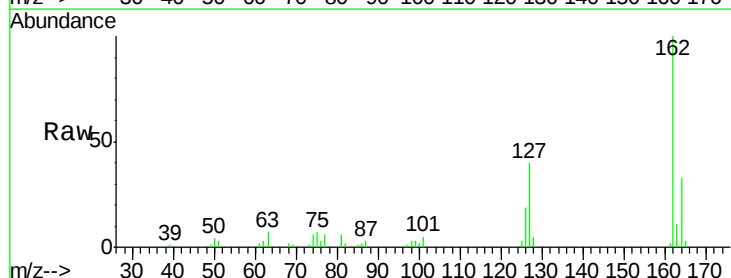
Tgt Ion:162 Resp: 29662

Ion Ratio Lower Upper

162 100

127 39.9 35.2 52.8

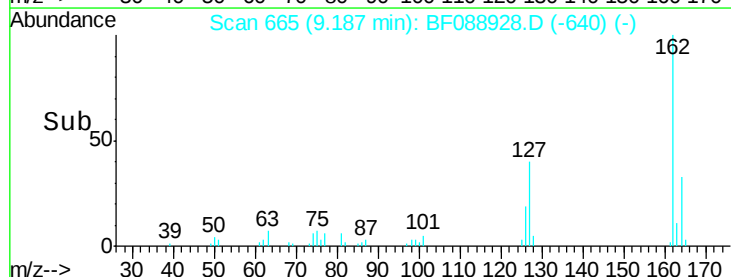
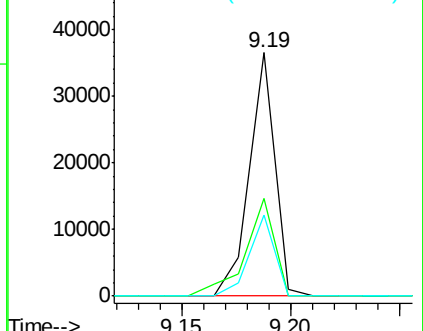
164 33.4 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

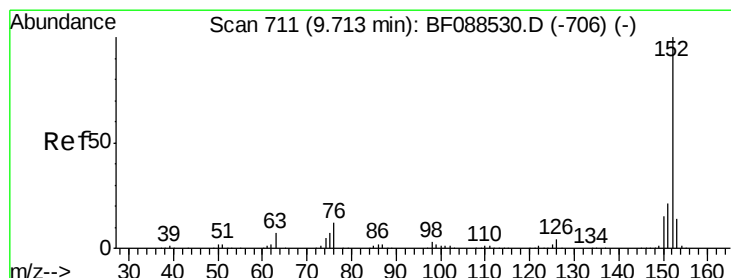
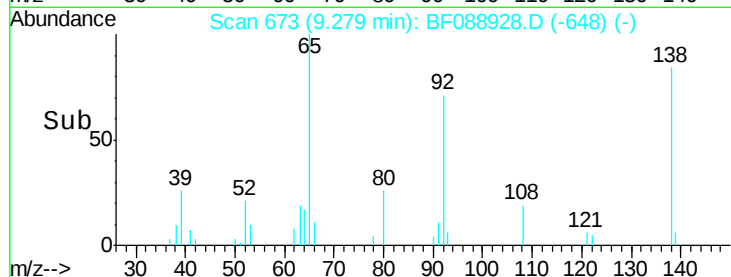
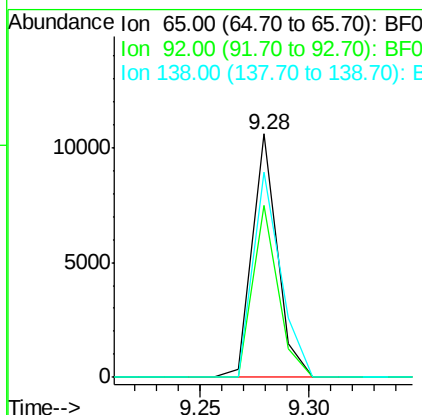
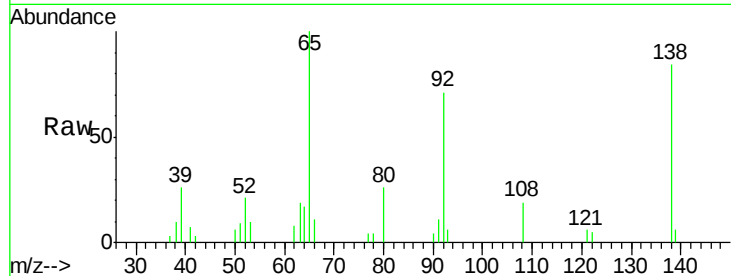




#47
 2-Nitroaniline
 Concen: 4.02 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

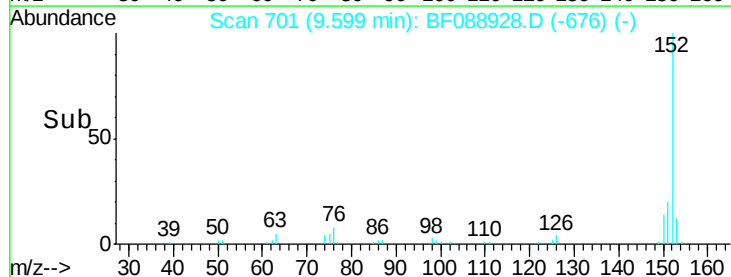
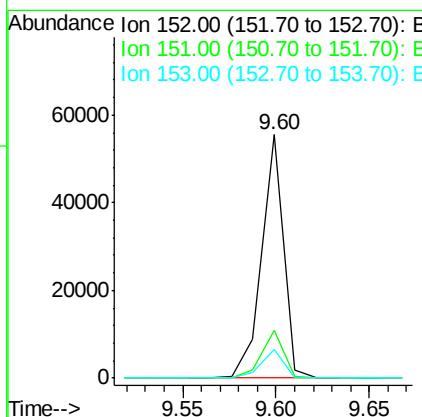
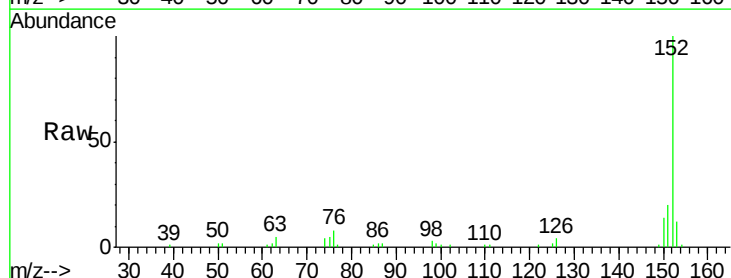
Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

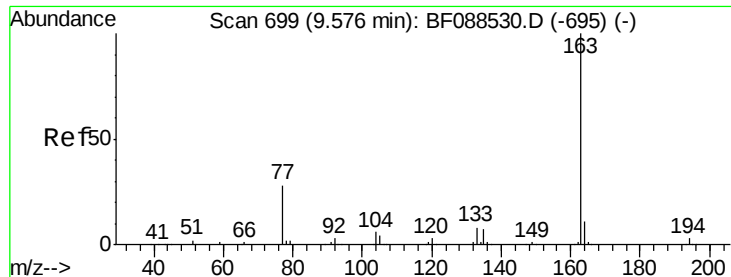
Tgt Ion: 65 Resp: 8532
 Ion Ratio Lower Upper
 65 100
 92 70.6 54.6 82.0
 138 84.4 77.0 115.4



#48
 Acenaphthylene
 Concen: 4.79 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Tgt Ion: 152 Resp: 45586
 Ion Ratio Lower Upper
 152 100
 151 19.6 16.2 24.4
 153 11.9 11.0 16.6

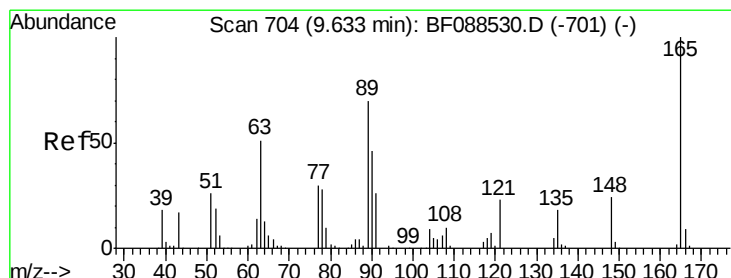
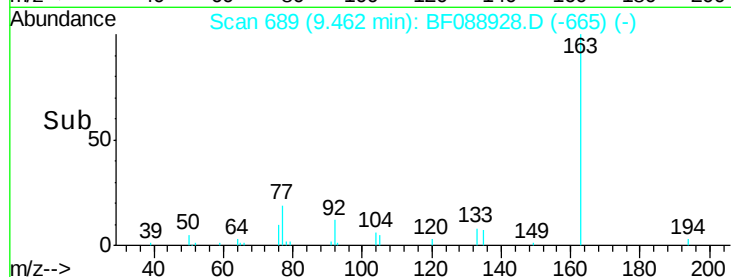
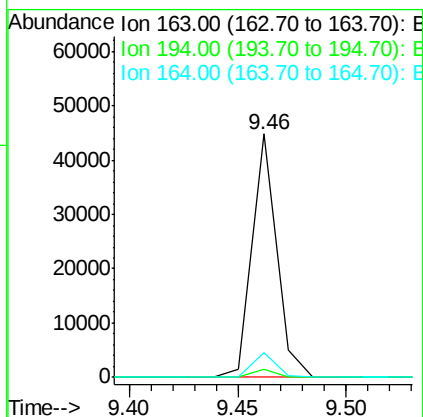
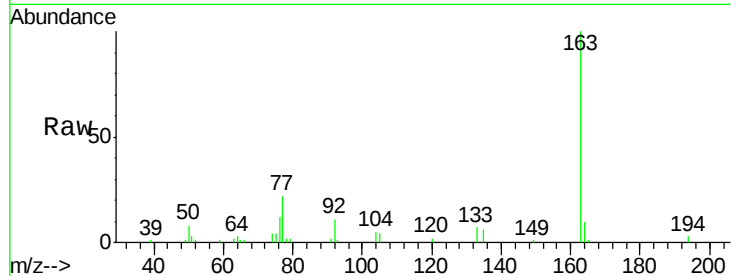




#49
Dimethylphthalate
Concen: 5.39 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

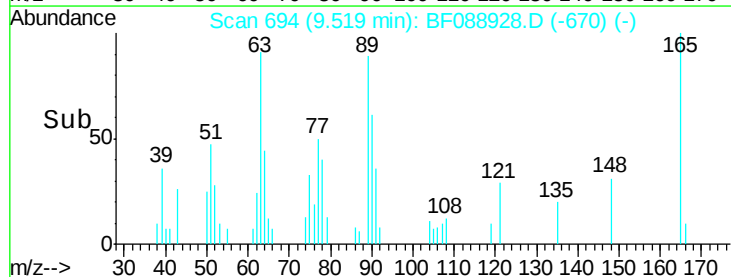
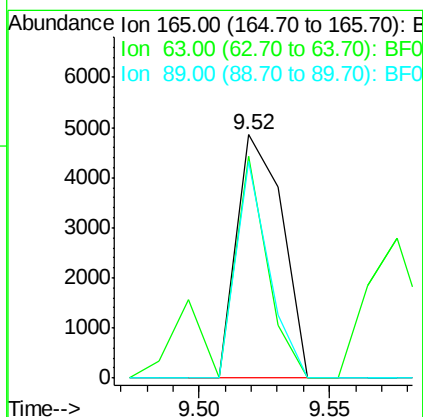
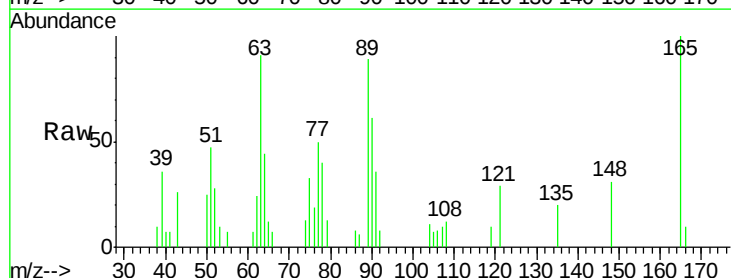
Instrument :
BNA_F
ClientSampleId :
PB91808BS

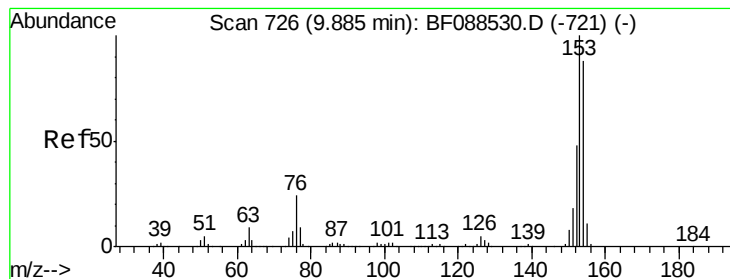
Tgt Ion:163 Resp: 35348
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.3 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 4.09 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion:165 Resp: 5954
Ion Ratio Lower Upper
165 100
63 91.1 28.1 42.1#
89 89.0 32.2 48.2#





#51

Acenaphthene

Concen: 4.74 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB91808BS

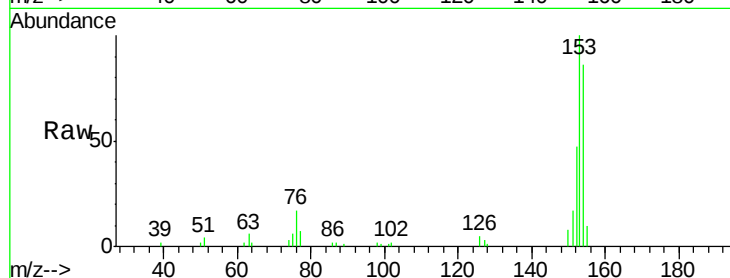
Tgt Ion:154 Resp: 27702

Ion Ratio Lower Upper

154 100

153 115.7 89.5 134.3

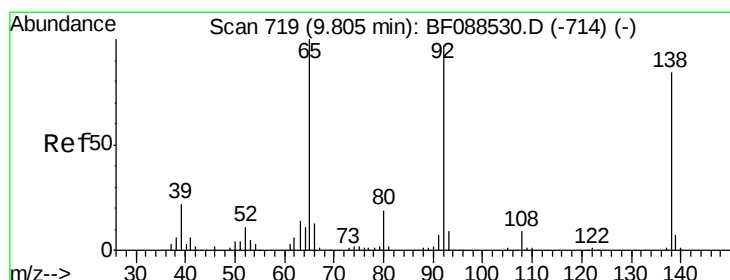
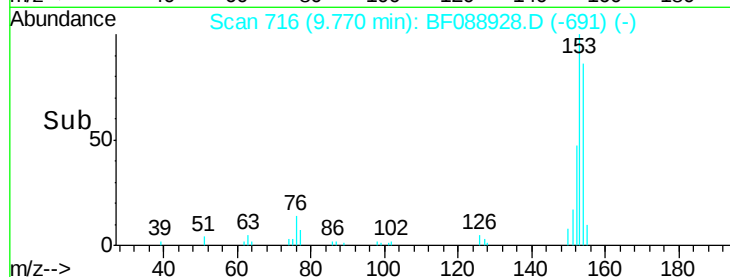
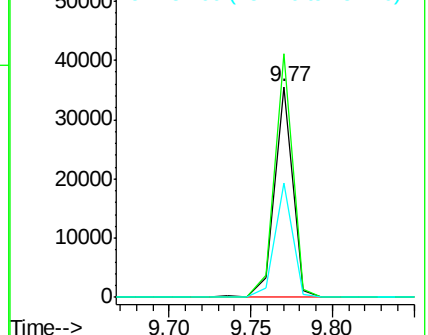
152 54.1 42.7 64.1



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



#52

3-Nitroaniline

Concen: 3.03 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

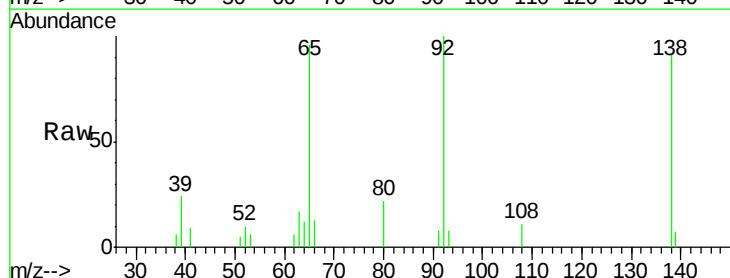
Tgt Ion:138 Resp: 5596

Ion Ratio Lower Upper

138 100

108 12.1 8.5 12.7

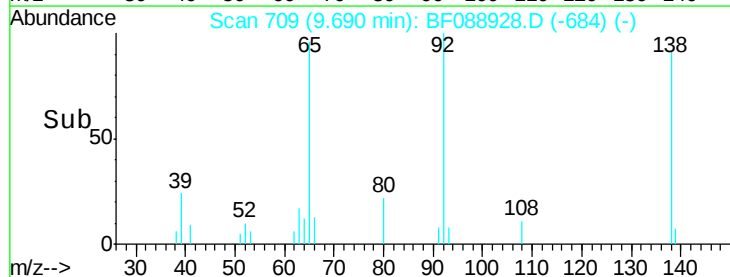
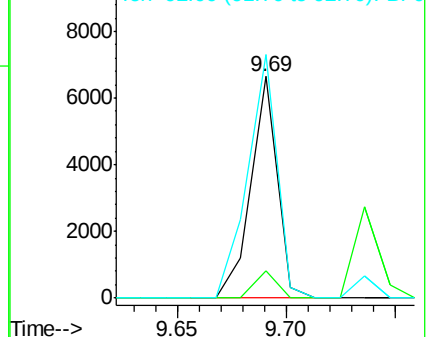
92 109.9 95.7 143.5

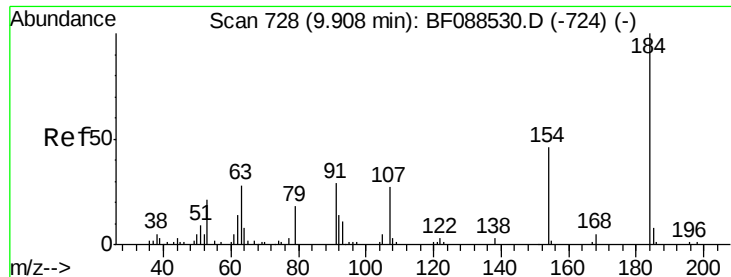


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

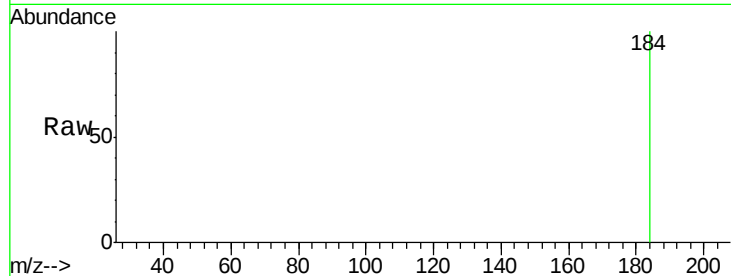




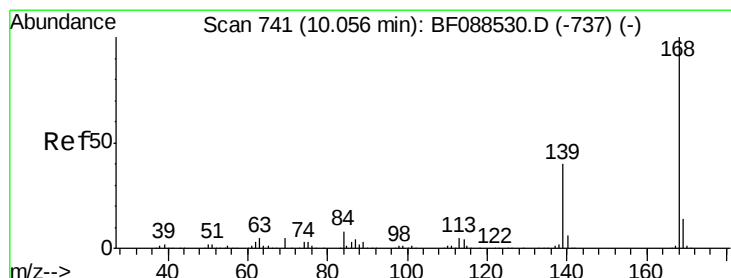
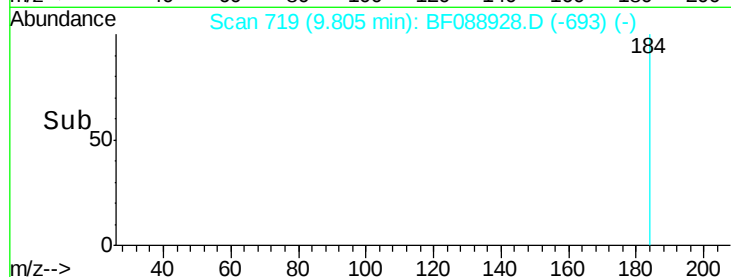
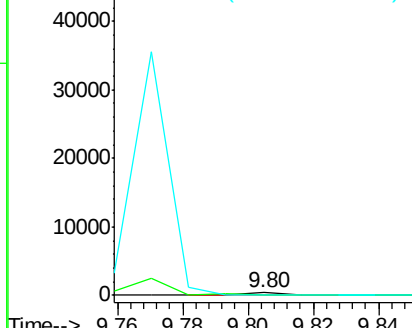
#53
 2,4-Dinitrophenol
 Concen: 0.37 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Tgt Ion:184 Resp: 239
 Ion Ratio Lower Upper
 184 100
 63 0.0 57.6 86.4#
 154 0.0 53.5 80.3#

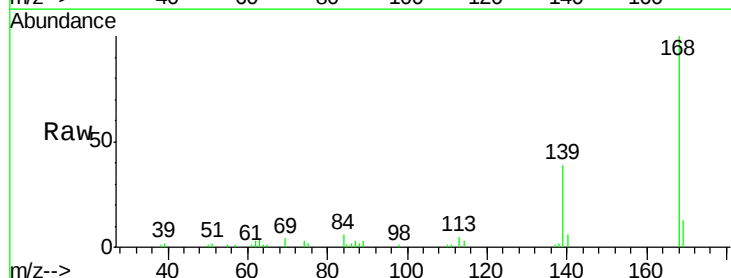


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

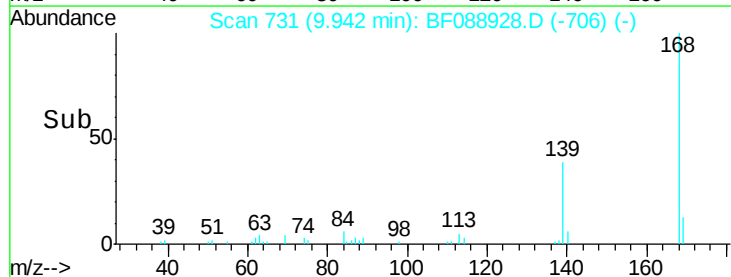
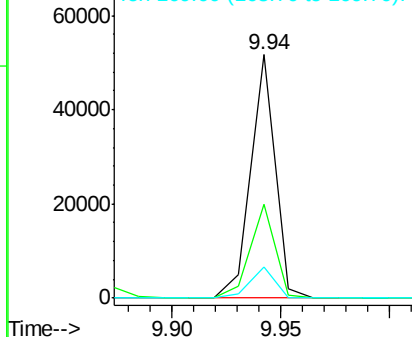


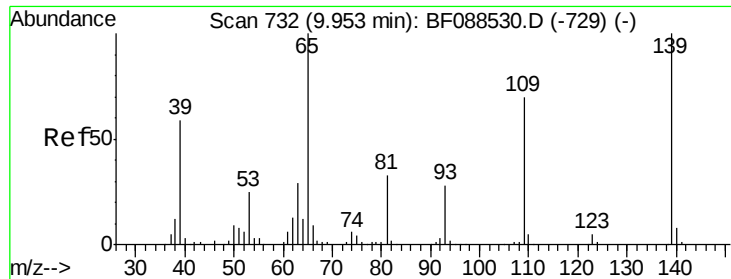
#54
 Dibenzofuran
 Concen: 5.27 ng
 RT: 9.94 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Tgt Ion:168 Resp: 40295
 Ion Ratio Lower Upper
 168 100
 139 38.5 26.4 39.6
 169 12.5 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

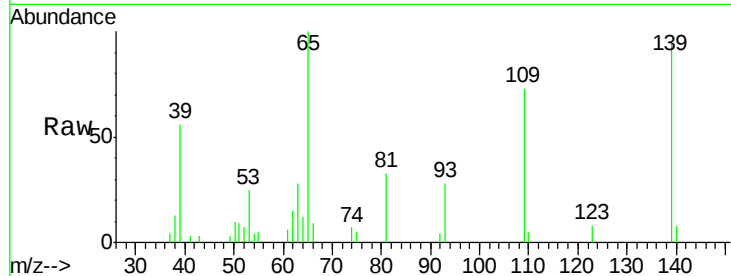




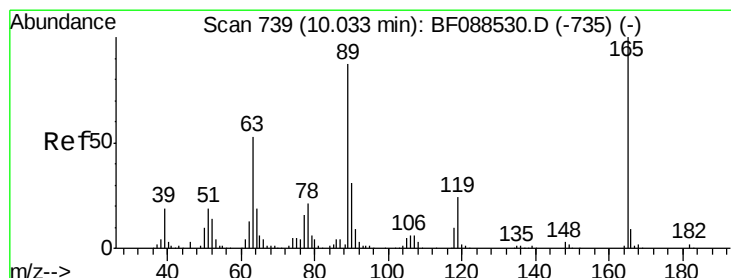
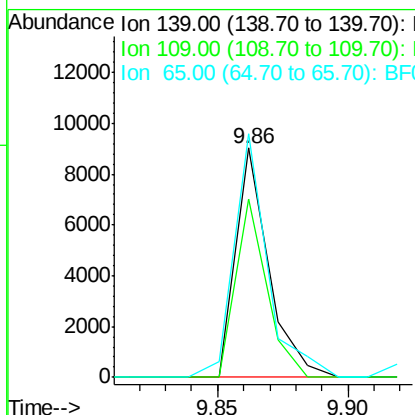
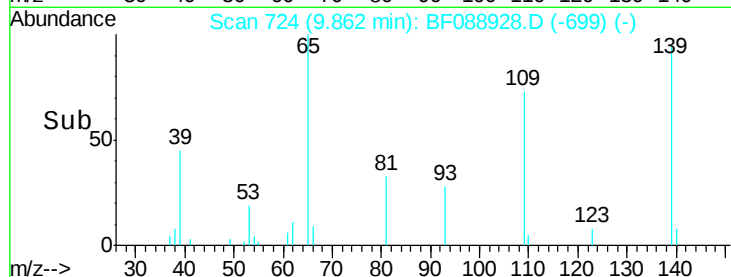
#55
4-Nitrophenol
Concen: 5.70 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion:139 Resp: 8001
Ion Ratio Lower Upper
139 100
109 77.8 48.9 88.9
65 106.4 84.9 124.9

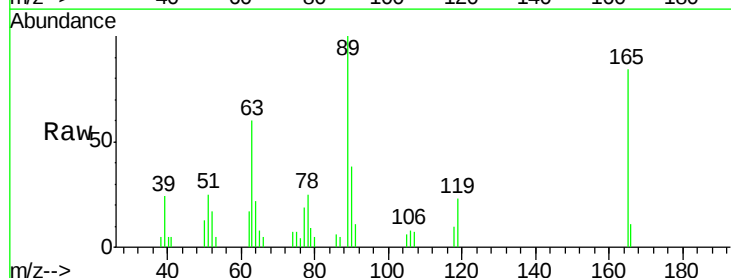


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

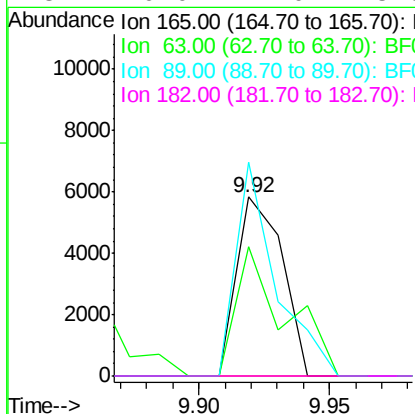
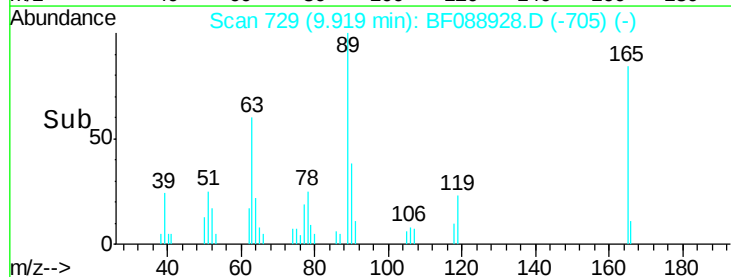


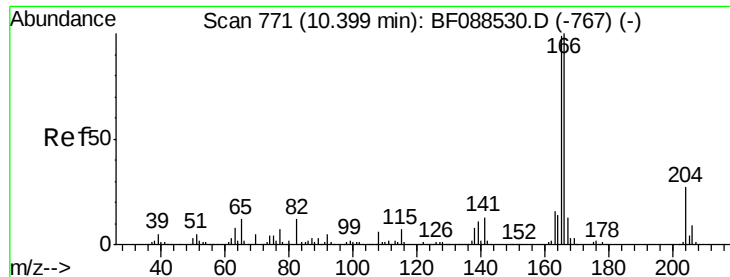
#56
2,4-Dinitrotoluene
Concen: 3.76 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion:165 Resp: 7143
Ion Ratio Lower Upper
165 100
63 72.0 22.0 33.0#
89 119.2 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

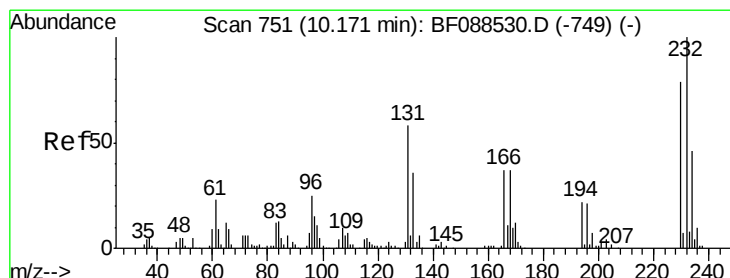
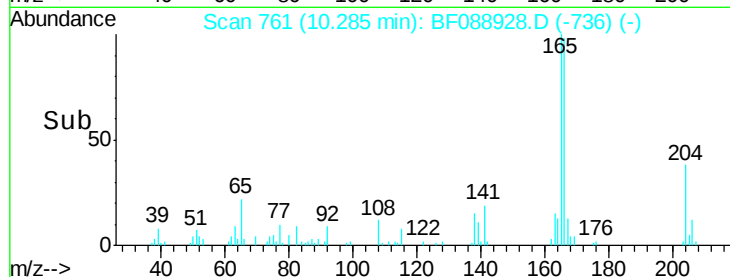
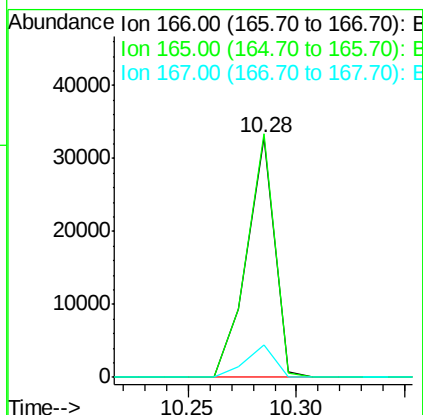
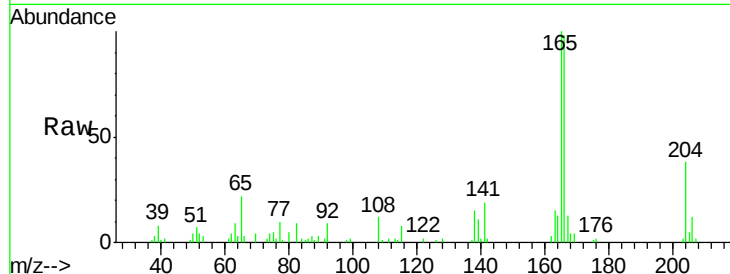




#57
 Fluorene
 Concen: 4.99 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

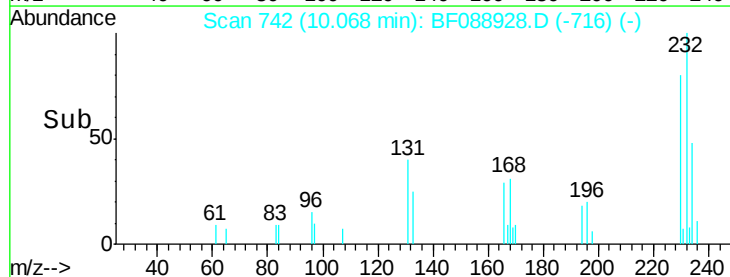
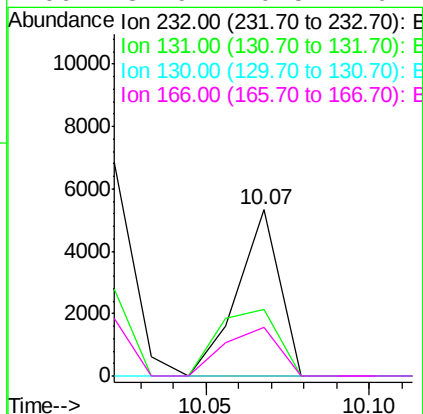
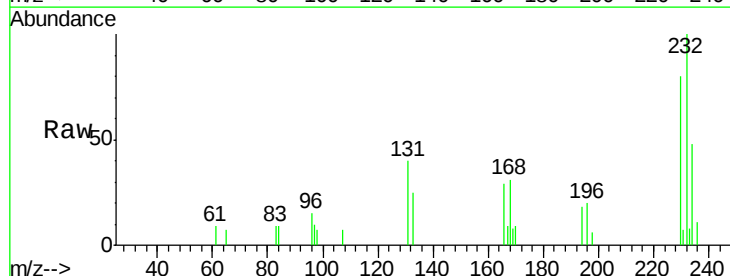
Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

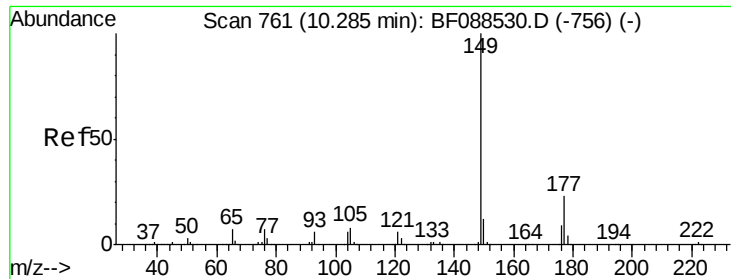
Tgt Ion:166 Resp: 29393
 Ion Ratio Lower Upper
 166 100
 165 101.7 77.8 116.8
 167 13.3 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.54 ng
 RT: 10.07 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Tgt Ion:232 Resp: 4758
 Ion Ratio Lower Upper
 232 100
 131 57.7 0.9 1.3#
 130 0.0 1.5 2.3#
 166 37.9 0.5 0.7#

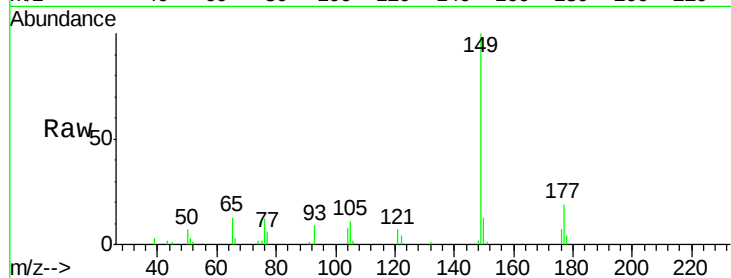




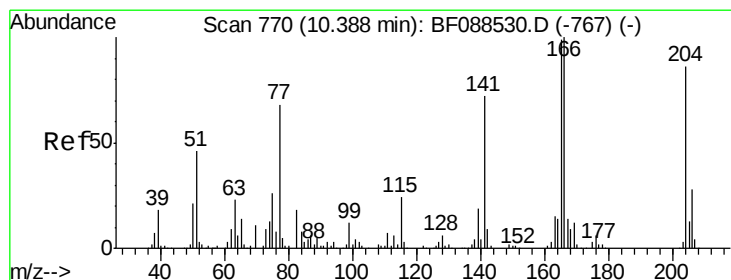
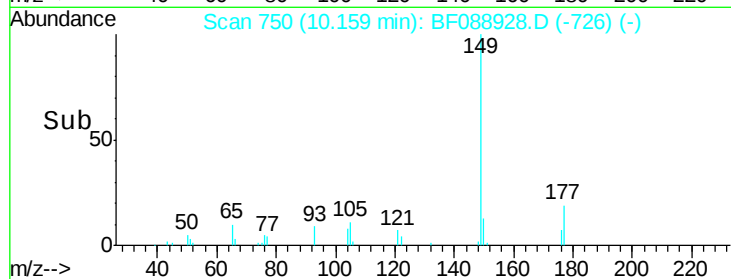
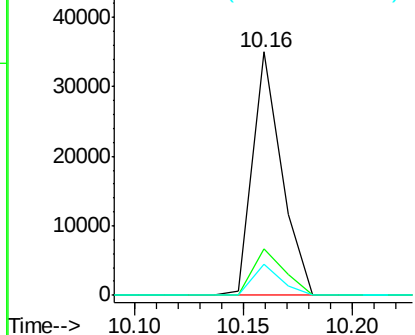
#59
Diethylphthalate
Concen: 4.92 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion:149 Resp: 32395
Ion Ratio Lower Upper
149 100
177 18.8 16.9 25.3
150 12.6 10.1 15.1

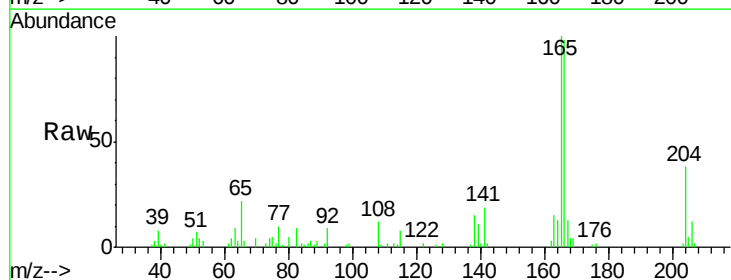


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

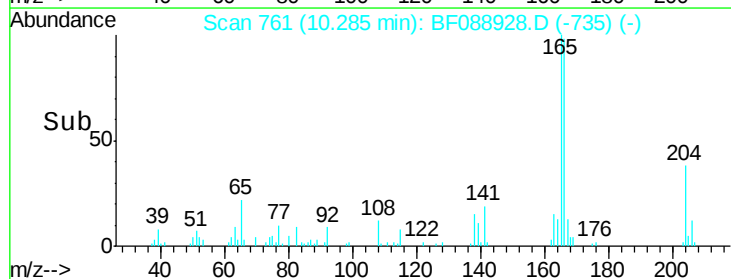
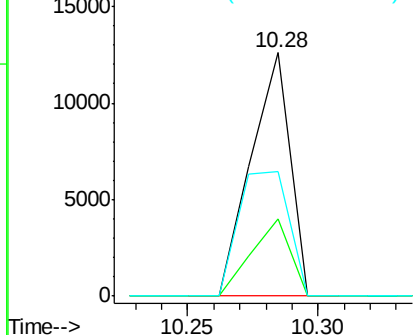


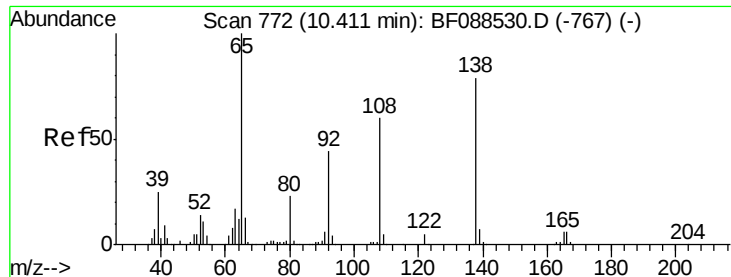
#60
4-Chlorophenyl-phenylether
Concen: 4.84 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion:204 Resp: 13248
Ion Ratio Lower Upper
204 100
206 31.8 26.3 39.5
141 51.4 55.0 82.6#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

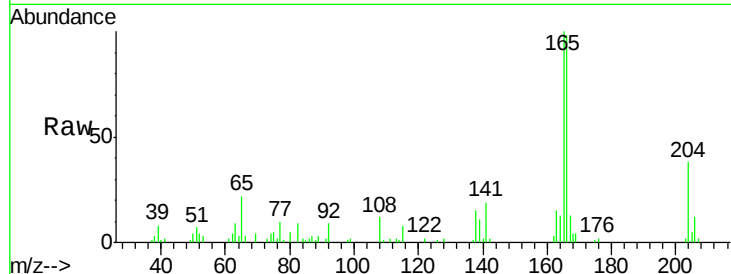




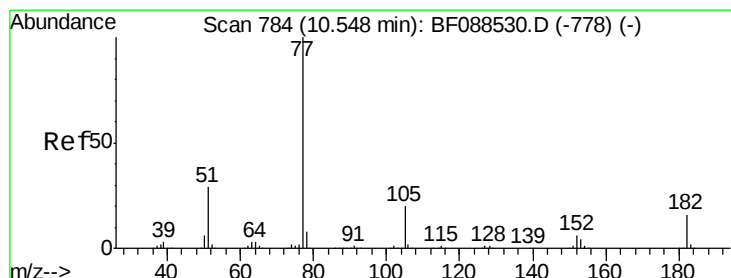
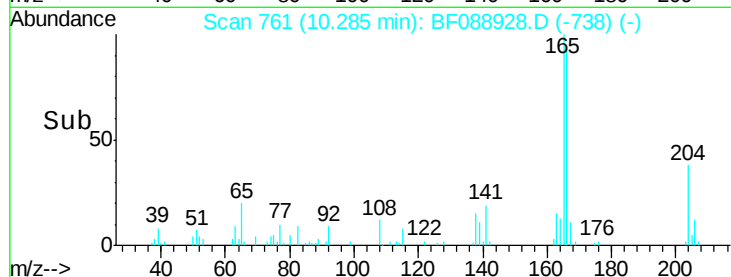
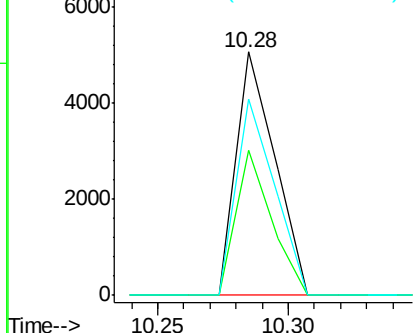
#61
4-Nitroaniline
Concen: 2.97 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.03 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion: 138 Resp: 5281
Ion Ratio Lower Upper
138 100
92 59.8 27.3 67.3
108 80.4 46.7 86.7

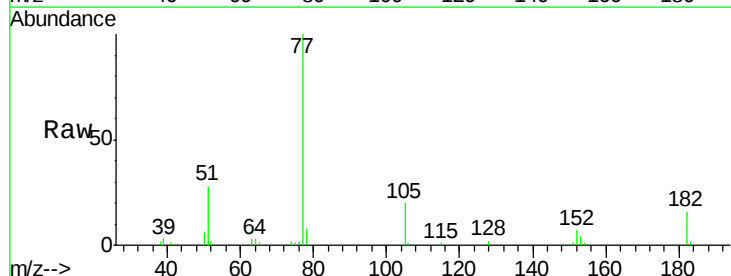


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

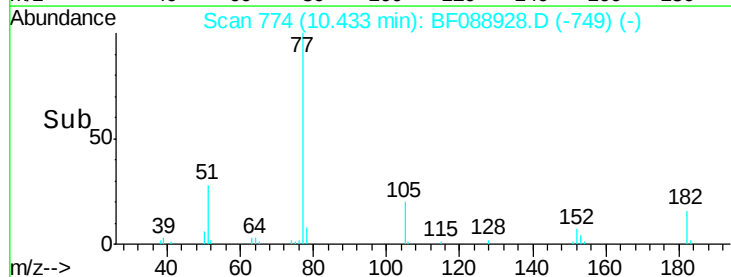
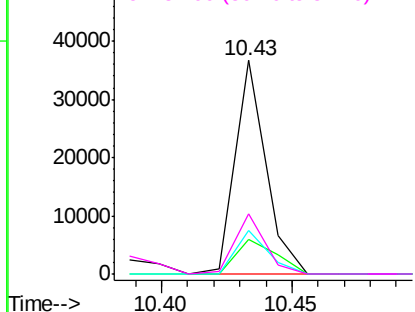


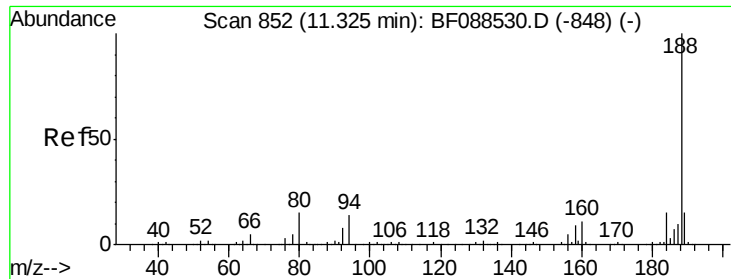
#62
Azobenzene
Concen: 4.03 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion: 77 Resp: 30247
Ion Ratio Lower Upper
77 100
182 16.0 4.4 44.4
105 20.2 3.8 43.8
51 28.2 9.3 49.3



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

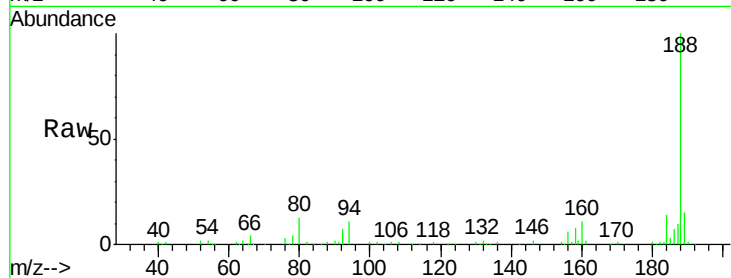




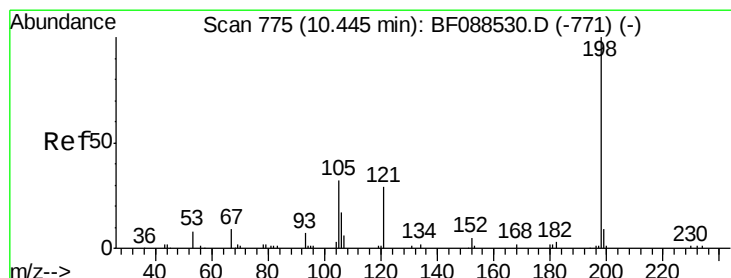
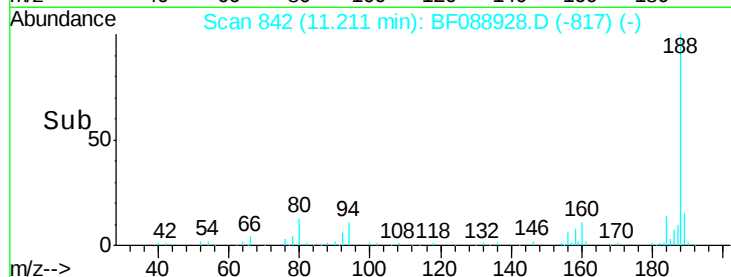
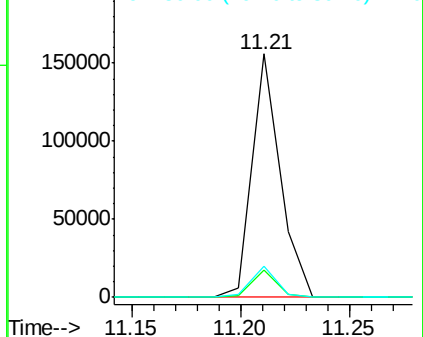
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion:188 Resp: 140118
Ion Ratio Lower Upper
188 100
94 11.3 9.0 13.6
80 12.8 10.0 15.0

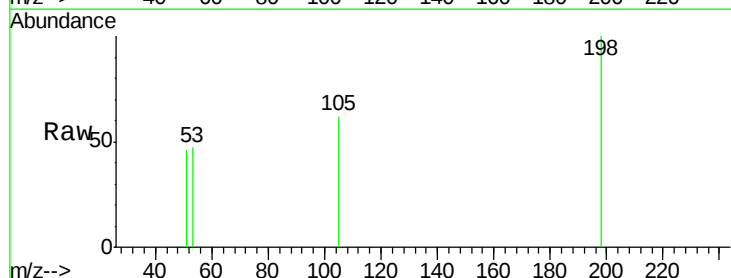


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

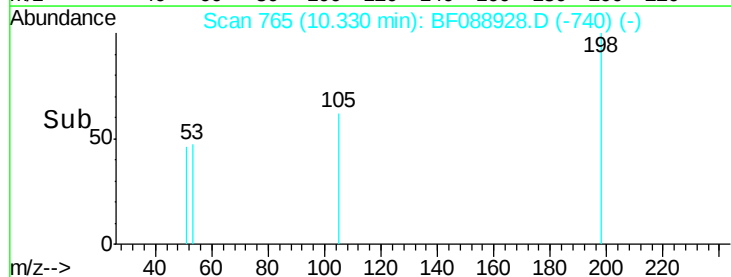
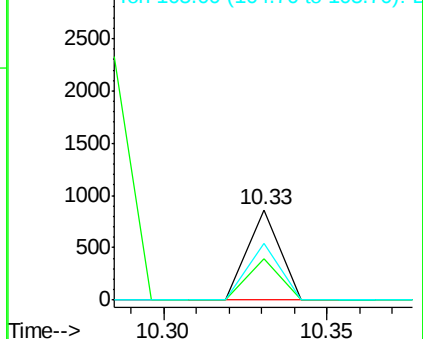


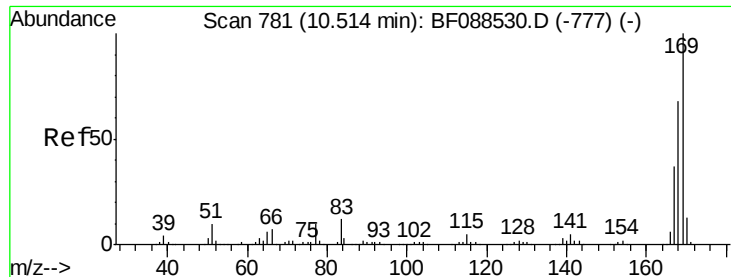
#64
4,6-Dinitro-2-methylphenol
Concen: 0.79 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion:198 Resp: 593
Ion Ratio Lower Upper
198 100
51 45.7 39.6 79.6
105 62.1 36.6 76.6



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

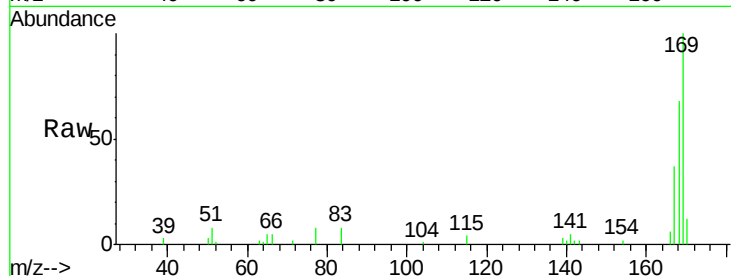




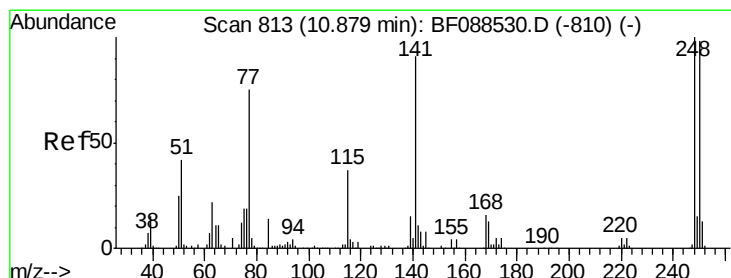
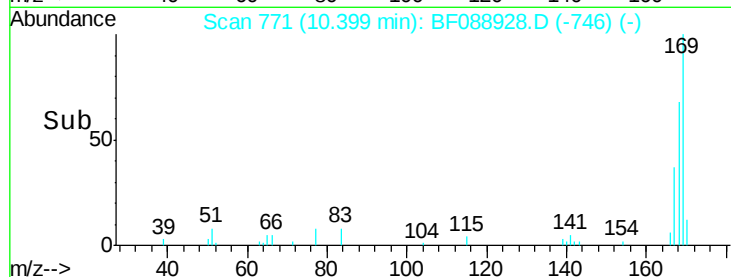
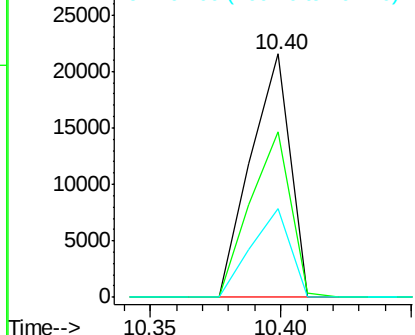
#65
 n-Nitrosodiphenylamine
 Concen: 4.83 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Tgt Ion:169 Resp: 22908
 Ion Ratio Lower Upper
 169 100
 168 68.1 53.4 80.0
 167 36.5 29.4 44.0

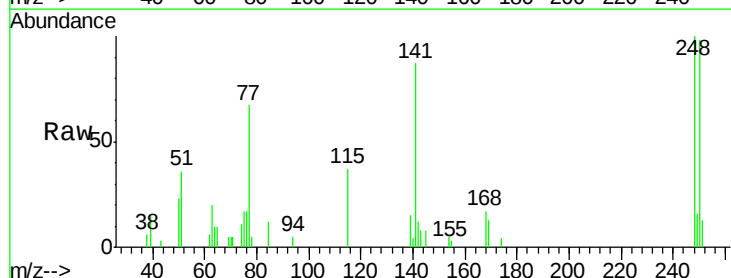


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

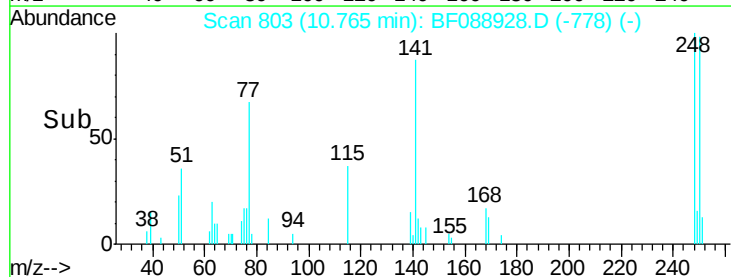
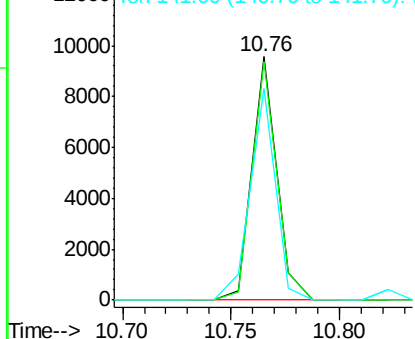


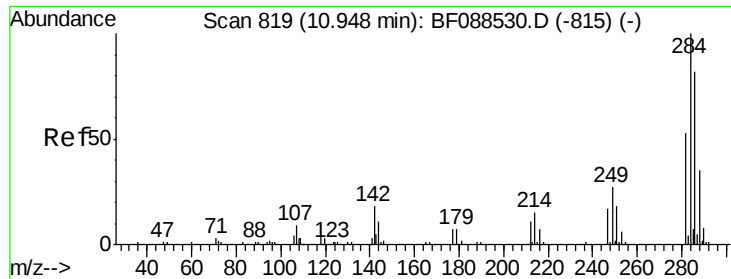
#66
 4-Bromophenyl-phenylether
 Concen: 5.34 ng
 RT: 10.76 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Tgt Ion:248 Resp: 7542
 Ion Ratio Lower Upper
 248 100
 250 97.9 77.1 115.7
 141 87.1 50.6 76.0#



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

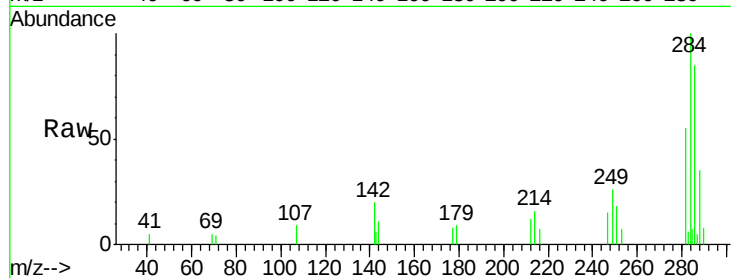




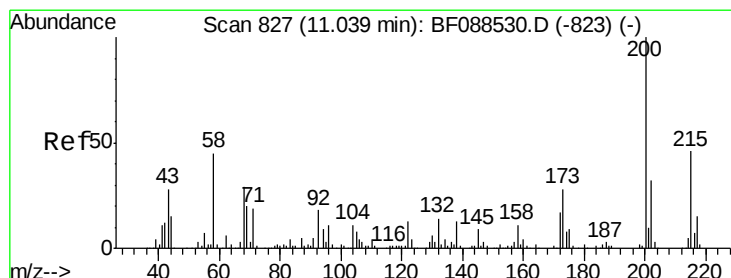
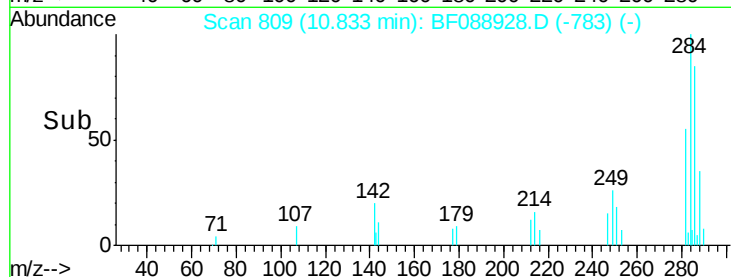
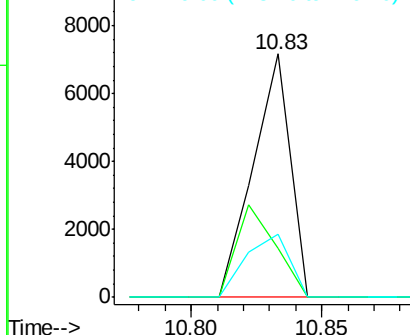
#67
Hexachlorobenzene
Concen: 4.59 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB91808BS

Tgt Ion:284 Resp: 7182
Ion Ratio Lower Upper
284 100
142 20.2 35.8 53.8#
249 25.9 25.8 38.6

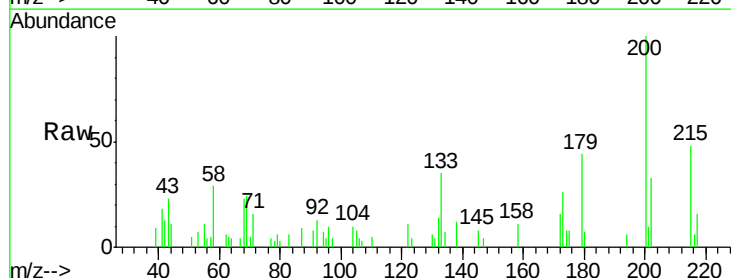


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

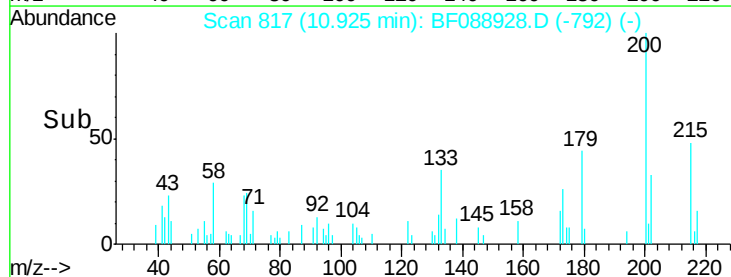
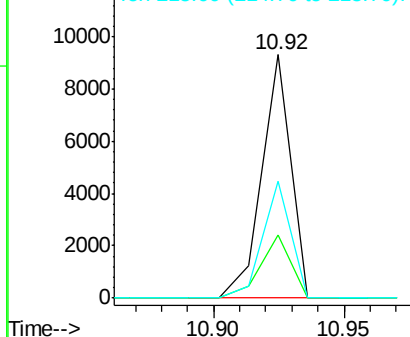


#68
Atrazine
Concen: 4.90 ng
RT: 10.92 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion:200 Resp: 7242
Ion Ratio Lower Upper
200 100
173 26.1 4.0 44.0
215 47.9 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 4.27 ng

RT: 11.03 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB91808BS

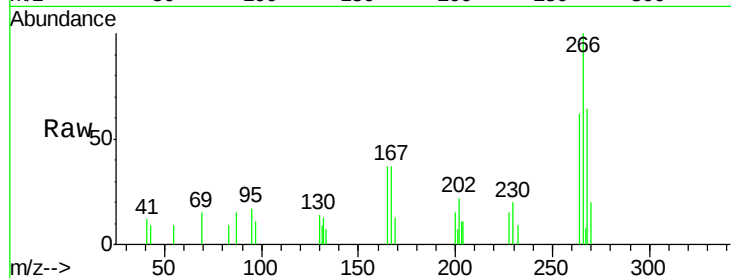
Tgt Ion:266 Resp: 3948

Ion Ratio Lower Upper

266 100

268 64.1 52.8 79.2

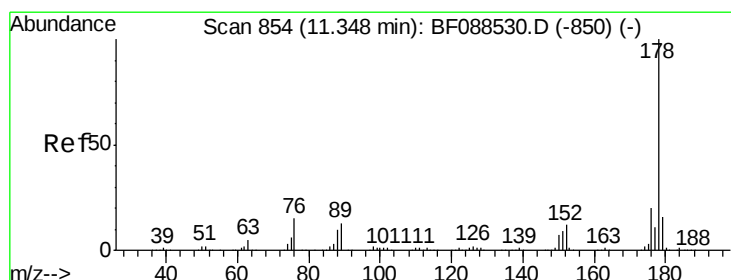
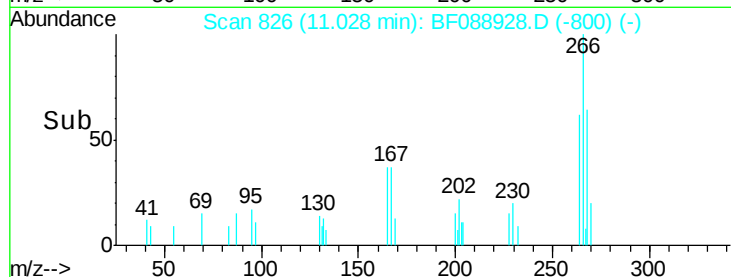
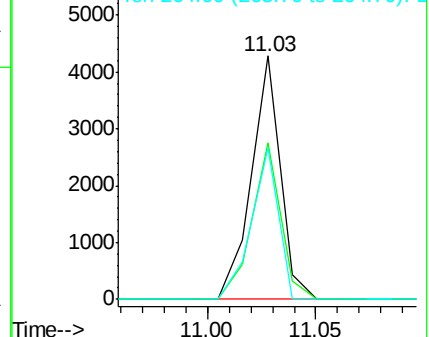
264 62.1 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 4.51 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

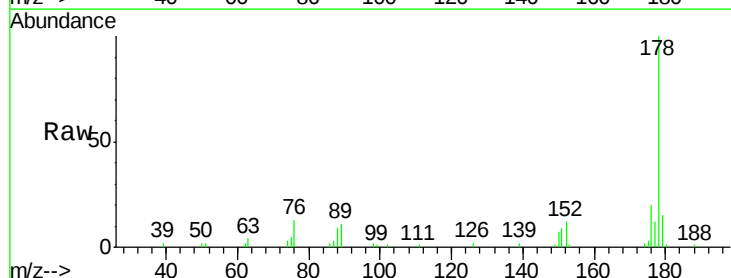
Tgt Ion:178 Resp: 34536

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

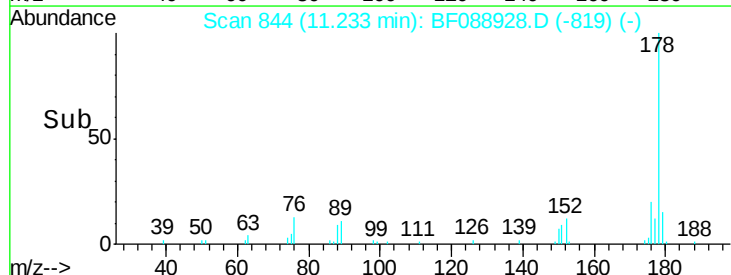
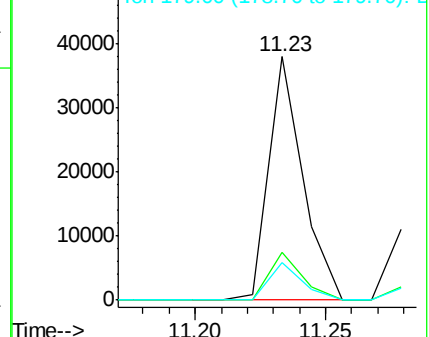
179 15.3 13.0 19.4

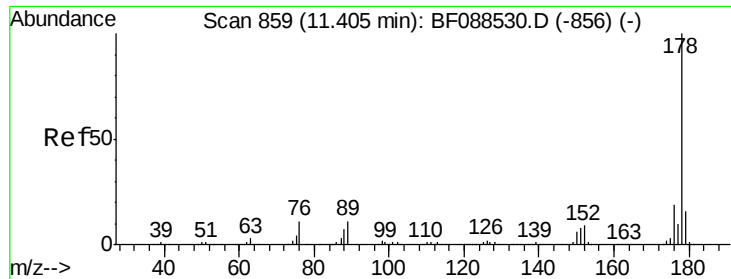


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

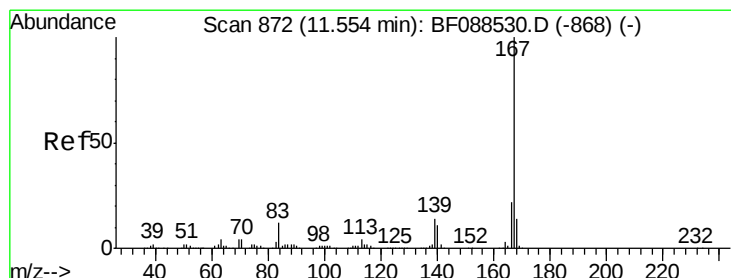
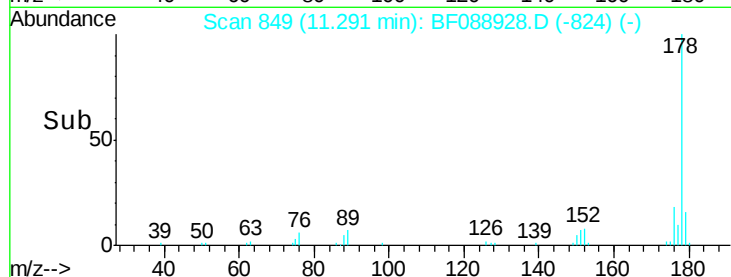
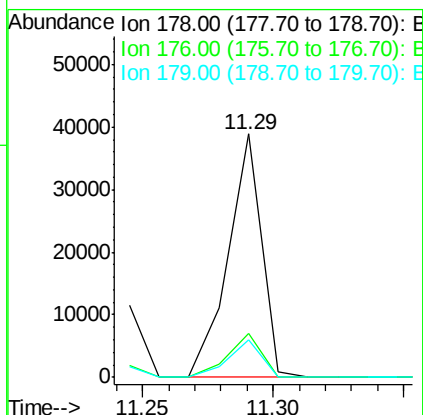
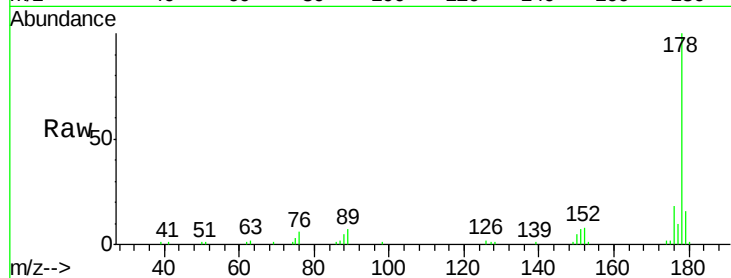




#71
 Anthracene
 Concen: 4.59 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

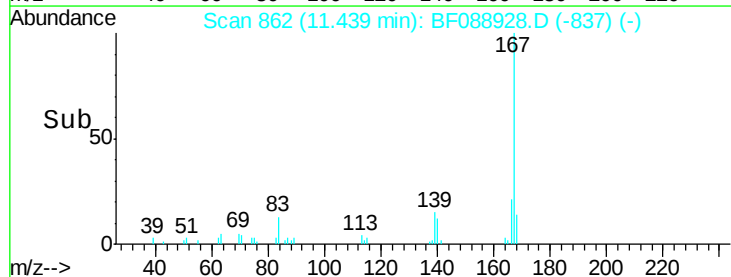
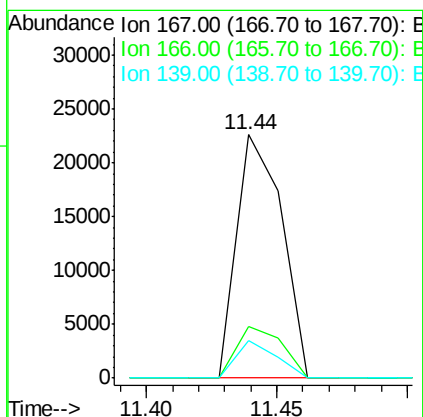
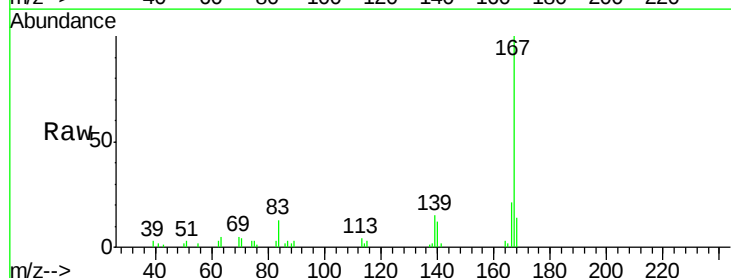
Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Tgt Ion:178 Resp: 34975
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.6 23.4
 179 15.7 12.8 19.2



#72
 Carbazole
 Concen: 3.83 ng
 RT: 11.44 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Tgt Ion:167 Resp: 27443
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.8 26.6
 139 15.2 11.2 16.8





#73

Di-n-butylphthalate

Concen: 4.53 ng

RT: 11.78 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB91808BS

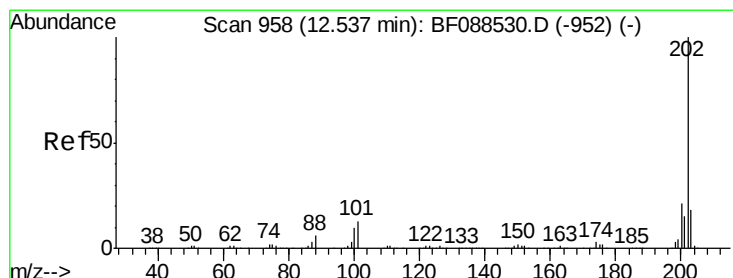
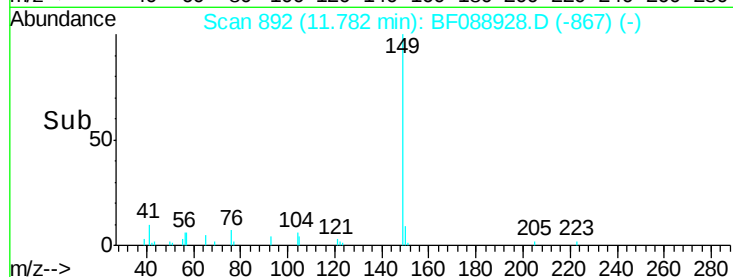
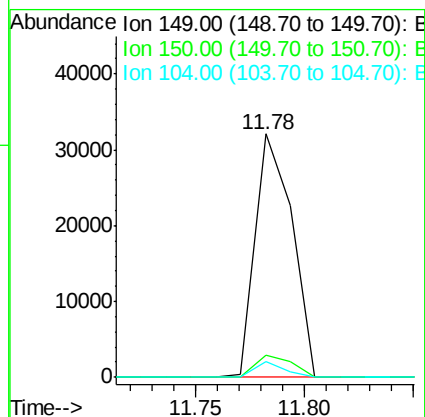
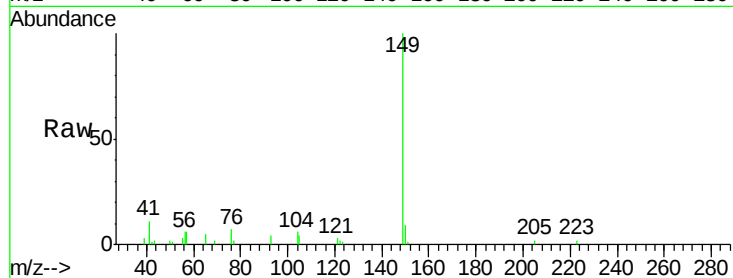
Tgt Ion:149 Resp: 37804

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

104 6.4 4.0 6.0#



#74

Fluoranthene

Concen: 3.89 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

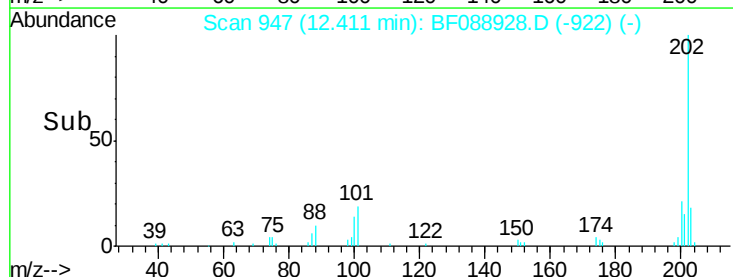
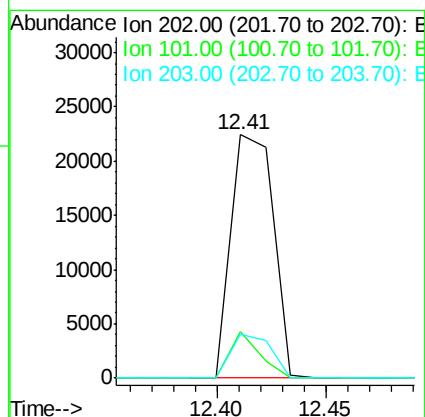
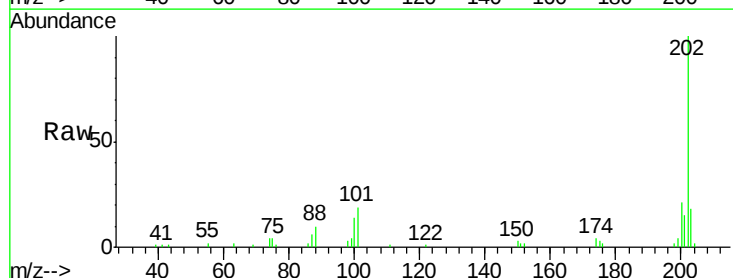
Tgt Ion:202 Resp: 30218

Ion Ratio Lower Upper

202 100

101 19.1 0.0 33.1

203 18.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB91808BS

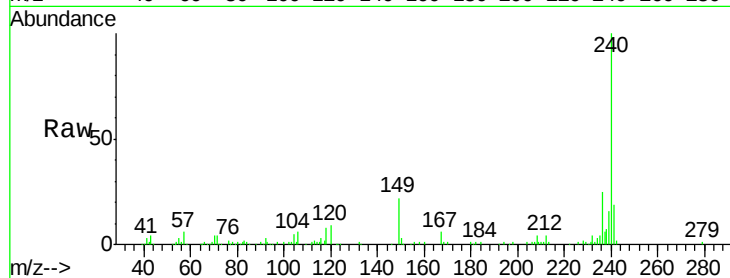
Tgt Ion:240 Resp: 119492

Ion Ratio Lower Upper

240 100

120 8.6 6.8 10.2

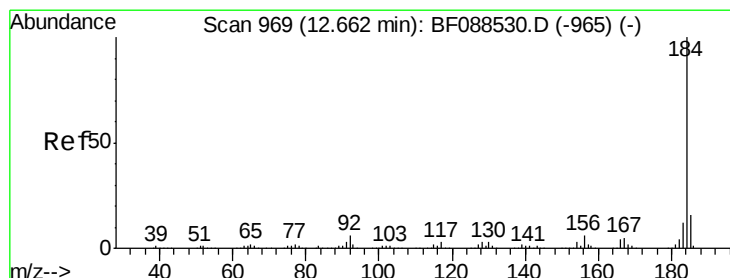
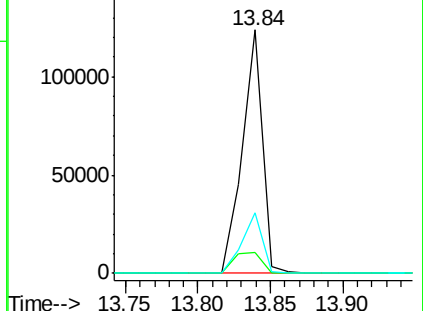
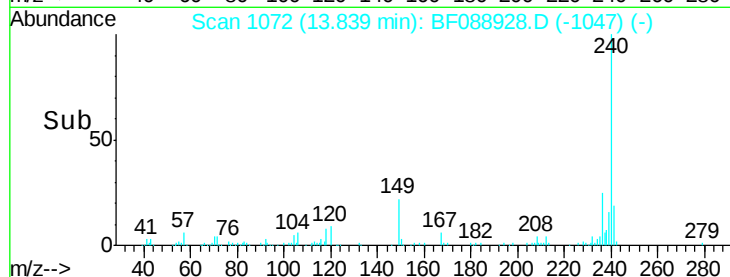
236 25.0 20.2 30.2



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



#76

Benzidine

Concen: 2.39 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.00 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

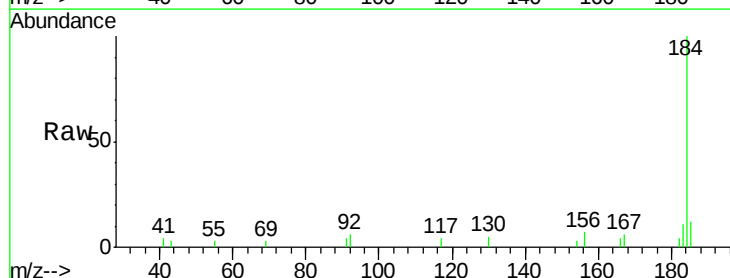
Tgt Ion:184 Resp: 14409

Ion Ratio Lower Upper

184 100

185 12.3 12.5 18.7#

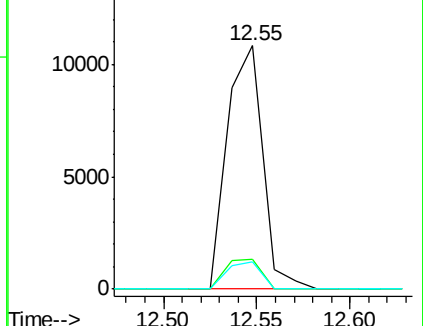
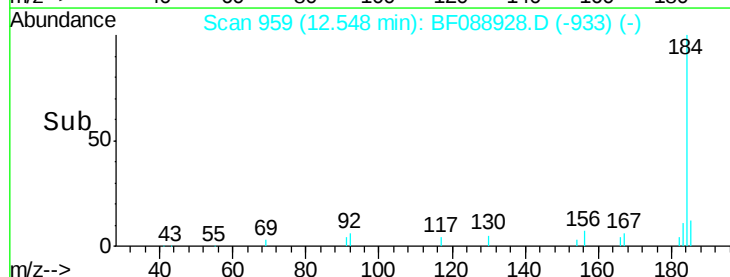
183 11.3 9.3 13.9

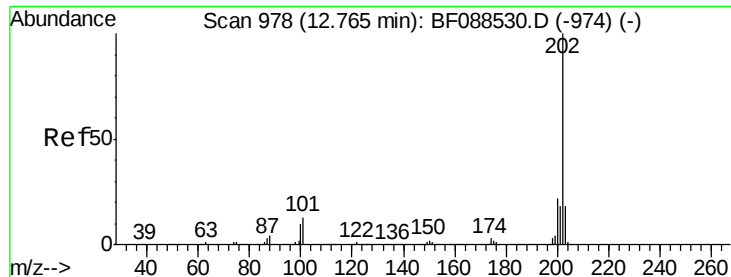


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 3.13 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB91808BS

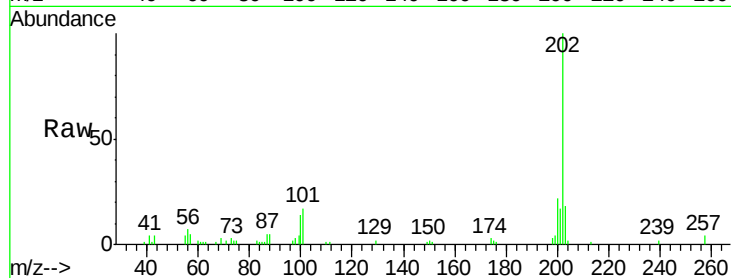
Tgt Ion:202 Resp: 31678

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

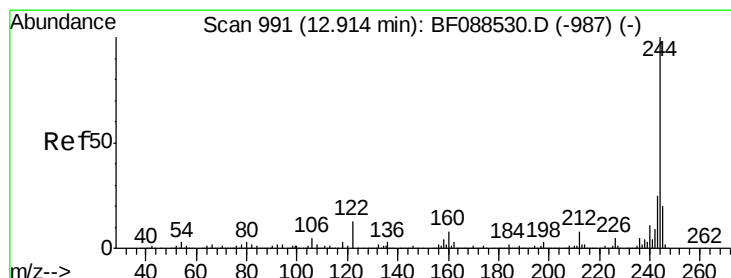
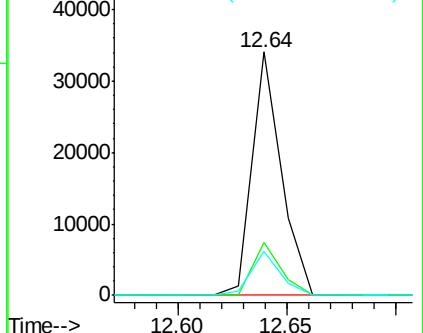
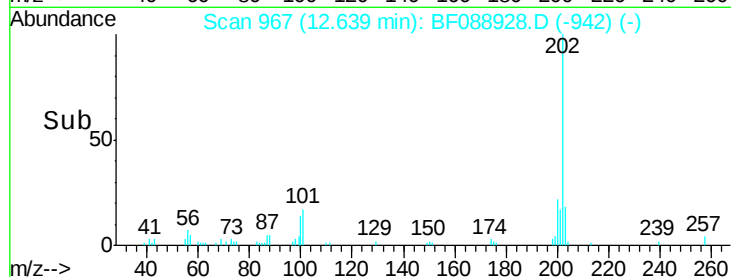
203 18.1 14.5 21.7



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: 7.39 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

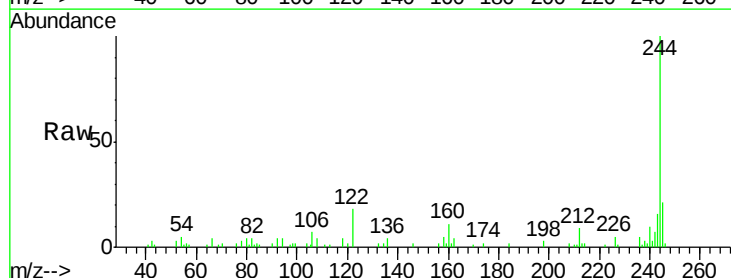
Tgt Ion:244 Resp: 39658

Ion Ratio Lower Upper

244 100

212 8.9 6.0 9.0

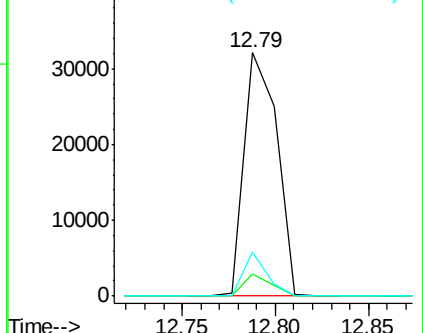
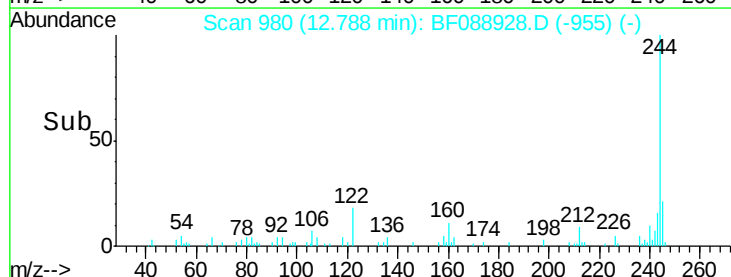
122 18.0 11.2 16.8#



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: 3.18 ng

RT: 13.28 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

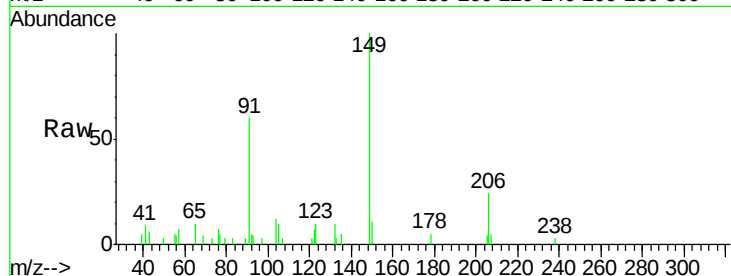
Instrument :

BNA_F

ClientSampleId :

PB91808BS

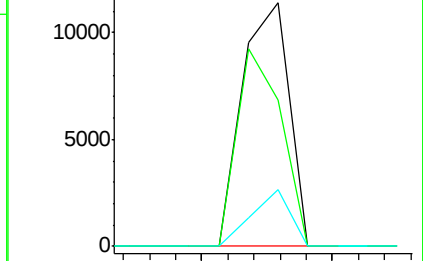
Tgt Ion:	149	Resp:	14381
Ion	Ratio	Lower	Upper
149	100		
91	59.9	48.0	72.0
206	23.5	16.0	24.0



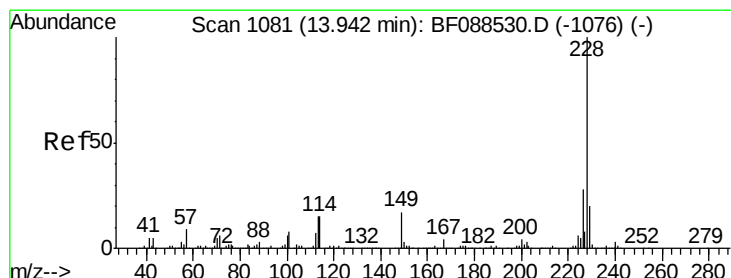
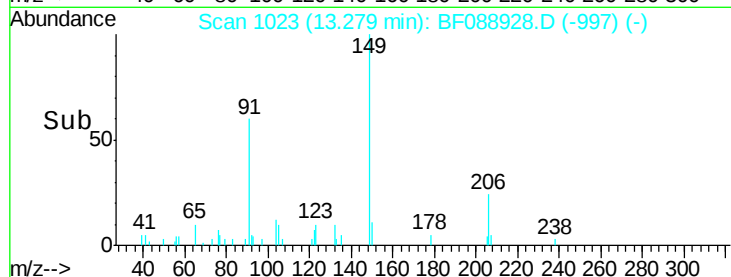
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



Time-->



#80

Benzo(a)anthracene

Concen: 4.08 ng

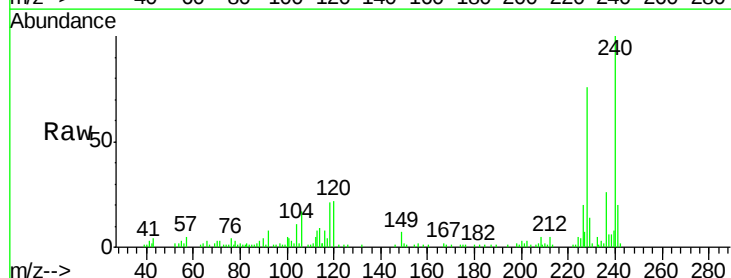
RT: 13.83 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

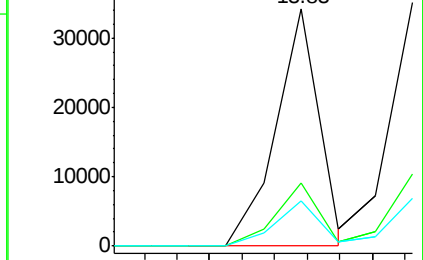
Tgt Ion:	228	Resp:	31363
Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.3	33.5
229	19.1	16.0	24.0



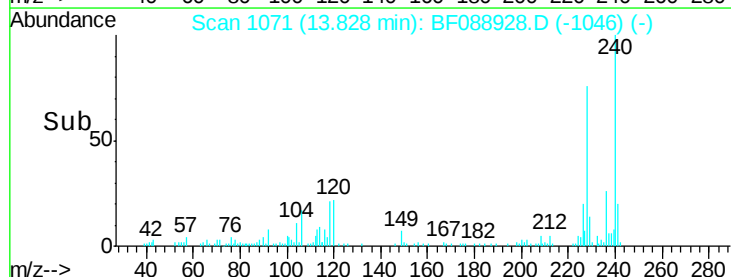
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->

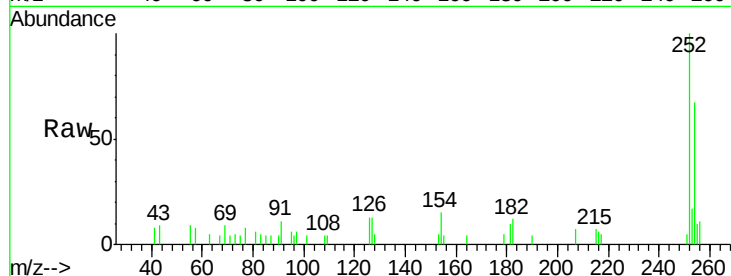




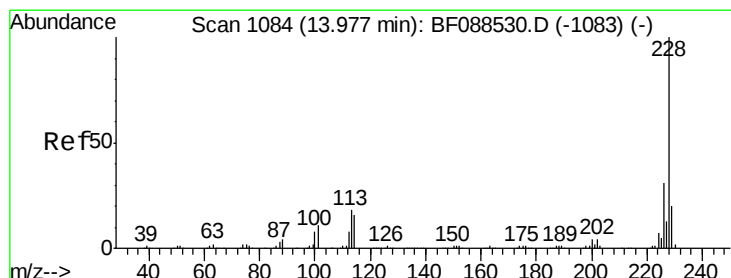
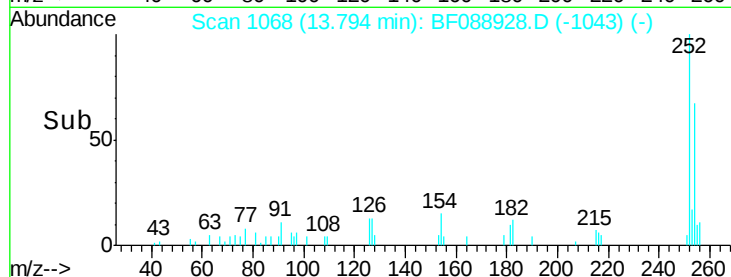
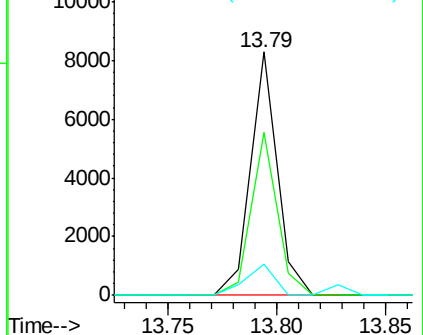
#81
 3,3'-Dichlorobenzidine
 Concen: 2.45 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Instrument :
 BNA_F
 ClientSampleID :
 PB91808BS

Tgt Ion: 252 Resp: 7086
 Ion Ratio Lower Upper
 252 100
 254 66.8 52.6 78.8
 126 12.6 6.2 9.2#

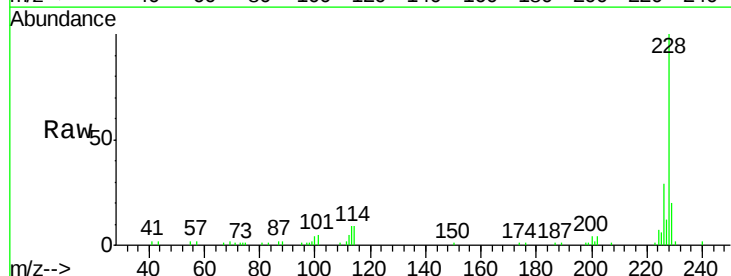


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

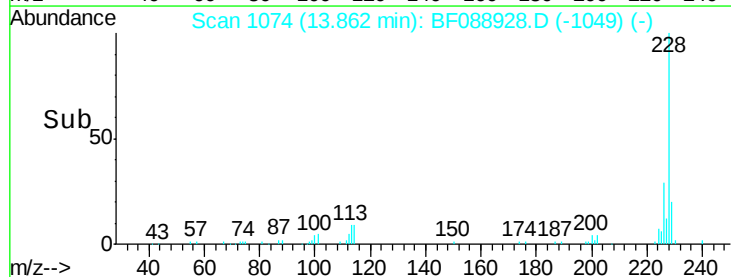
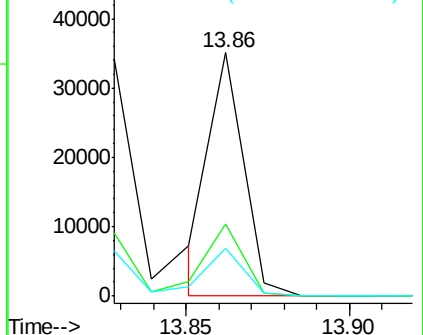


#82
 Chrysene
 Concen: 3.33 ng
 RT: 13.86 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Tgt Ion: 228 Resp: 25357
 Ion Ratio Lower Upper
 228 100
 226 29.5 25.4 38.2
 229 19.7 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

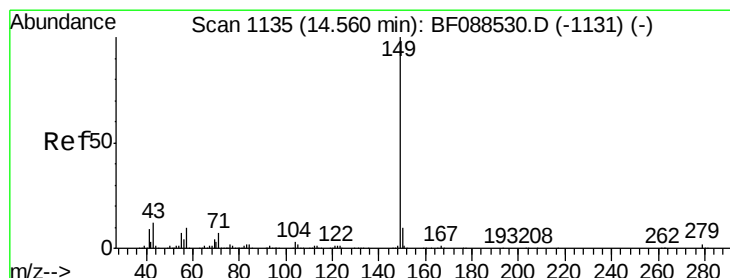
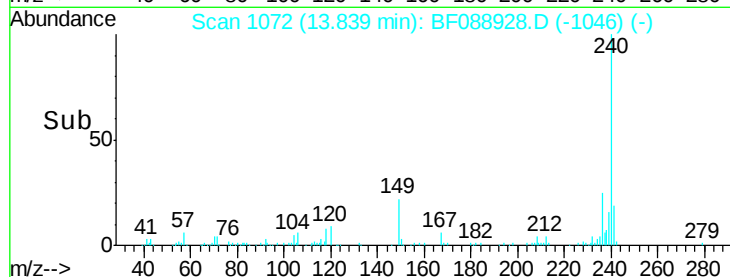
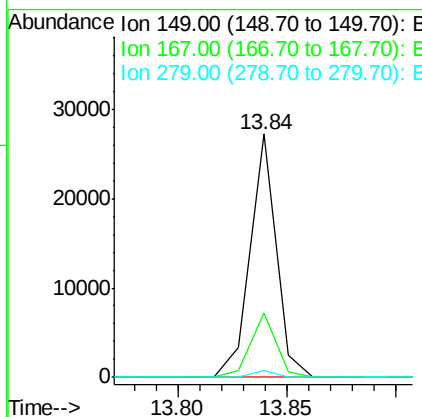
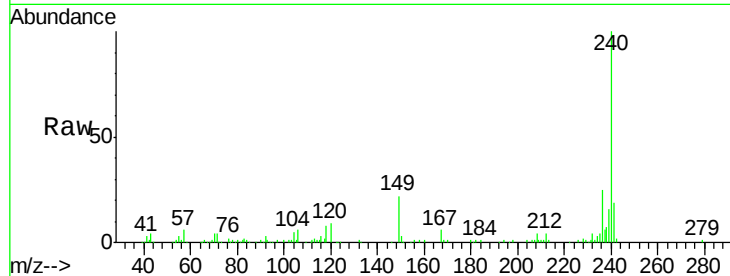




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.39 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.00 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

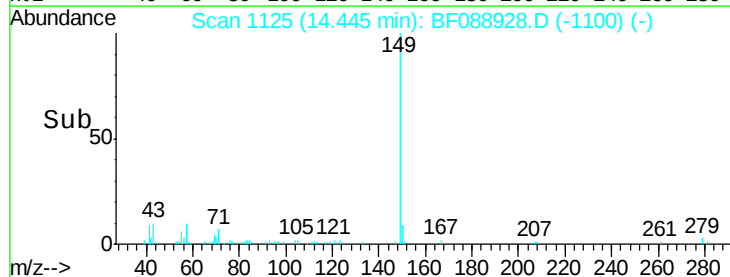
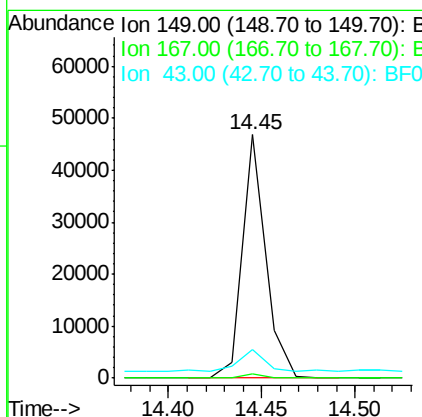
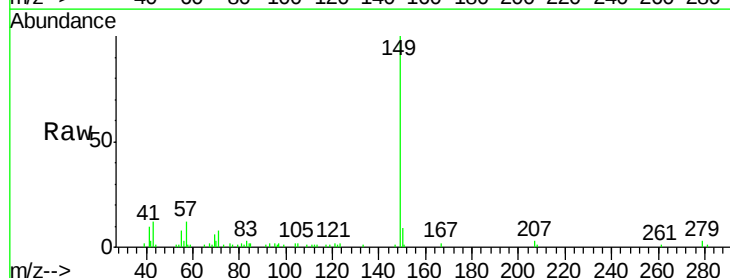
Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

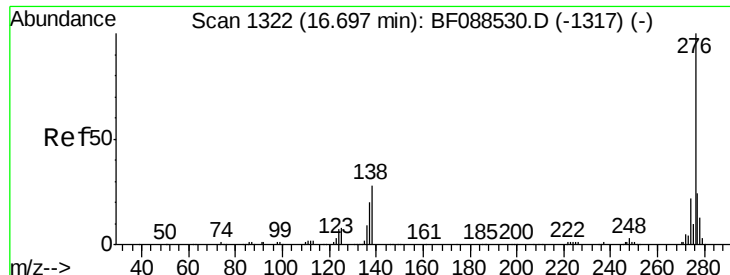
Tgt Ion:149 Resp: 22652
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.5 30.7
 279 3.0 2.0 3.0



#84
 Di-n-octyl phthalate
 Concen: 4.67 ng
 RT: 14.45 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Tgt Ion:149 Resp: 40921
 Ion Ratio Lower Upper
 149 100
 167 1.4 0.0 0.0#
 43 12.7 0.0 0.0#

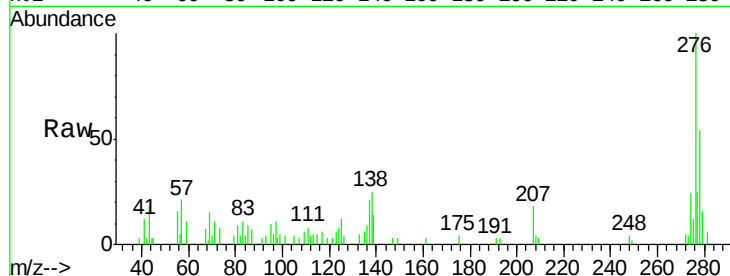




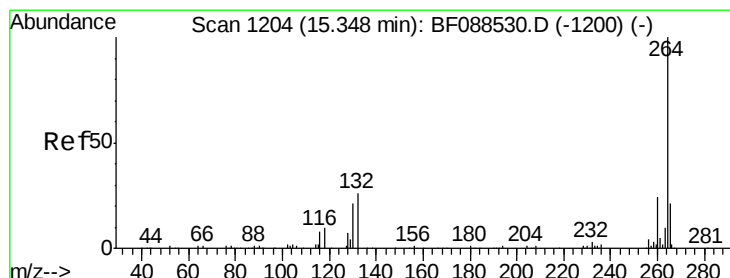
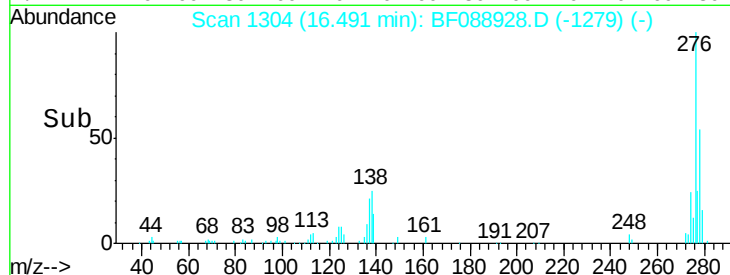
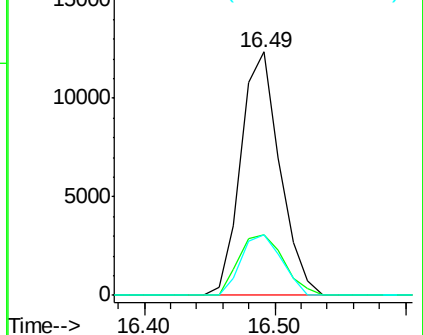
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.38 ng
 RT: 16.49 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BS

Tgt Ion: 276 Resp: 25632
 Ion Ratio Lower Upper
 276 100
 138 28.7 0.0 0.0#
 277 25.9 0.0 0.0#

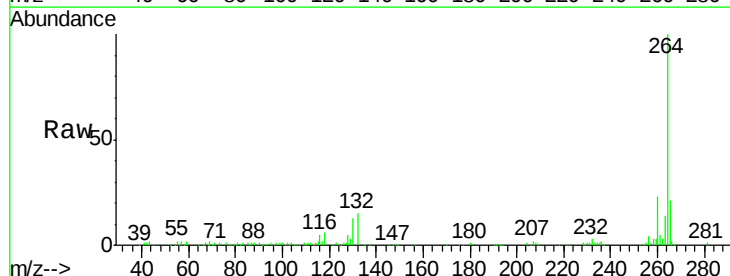


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

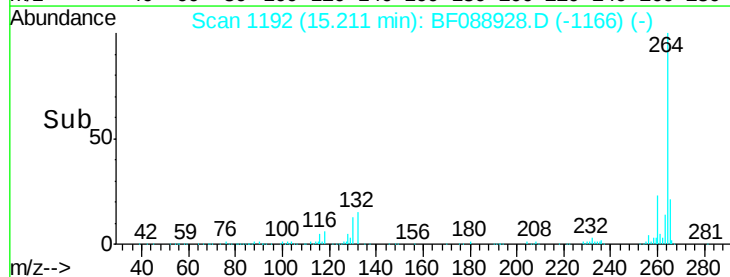
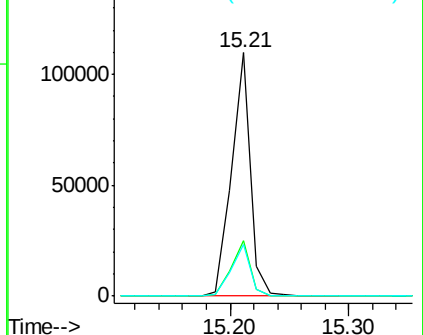


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF088928.D
 Acq: 12 Jul 2016 19:30

Tgt Ion: 264 Resp: 120432
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.0 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

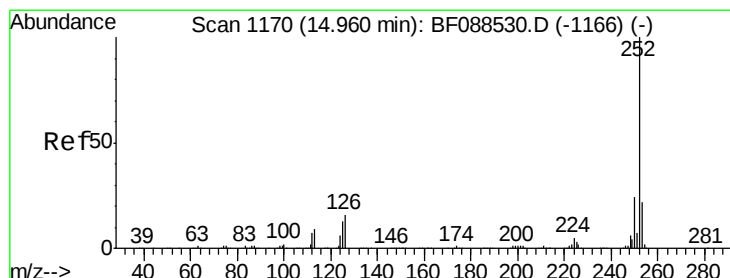
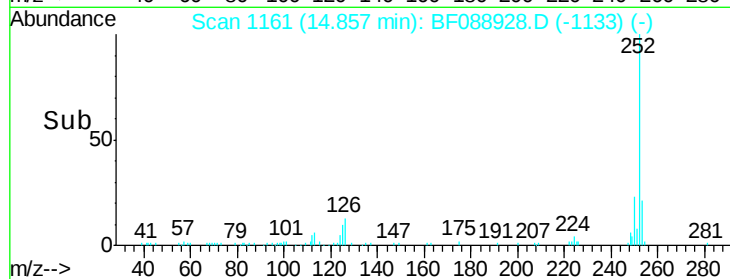
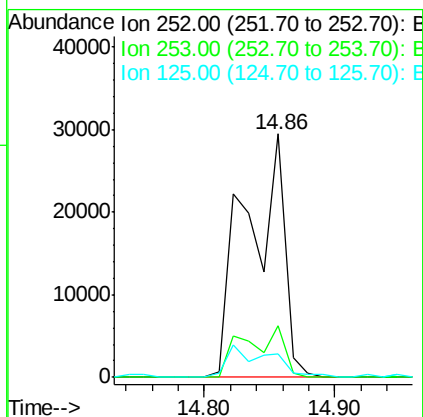
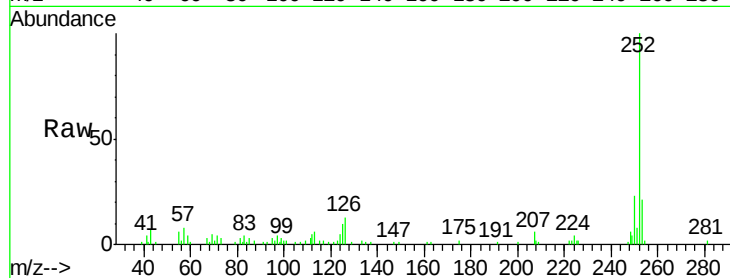




#87
Benzo(b)fluoranthene
Concen: 7.97 ng
RT: 14.86 min Scan# 1161
Delta R.T. 0.02 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

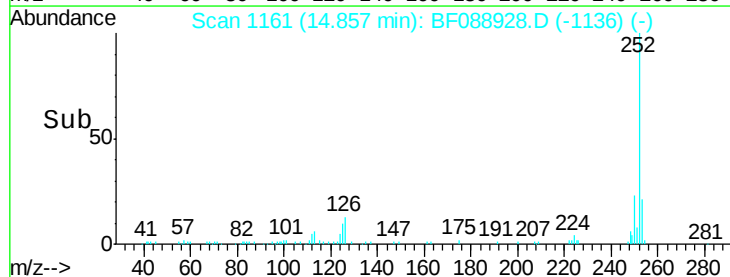
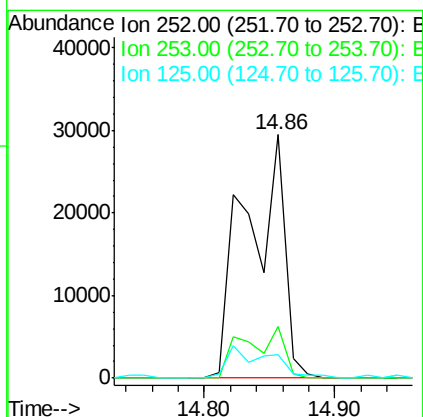
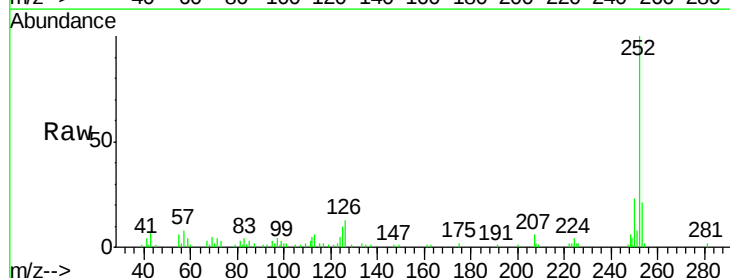
Instrument :
BNA_F
ClientSampleId :
PB91808BS

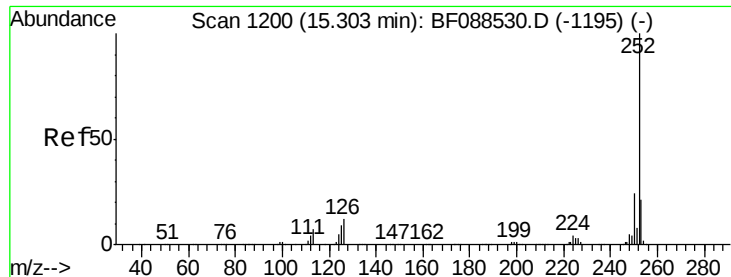
Tgt Ion: 252 Resp: 60221
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 9.8 7.1 10.7



#88
Benzo(k)fluoranthene
Concen: 9.16 ng
RT: 14.86 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF088928.D
Acq: 12 Jul 2016 19:30

Tgt Ion: 252 Resp: 60221
Ion Ratio Lower Upper
252 100
253 21.3 18.0 27.0
125 9.8 11.2 16.8#





#89

Benzo(a)pyrene

Concen: 4.44 ng

RT: 15.15 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB91808BS

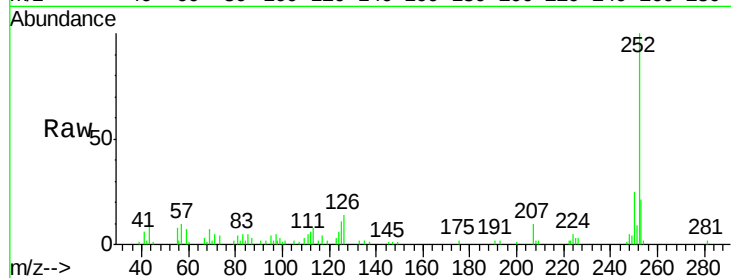
Tgt Ion:252 Resp: 28377

Ion Ratio Lower Upper

252 100

253 21.4 17.9 26.9

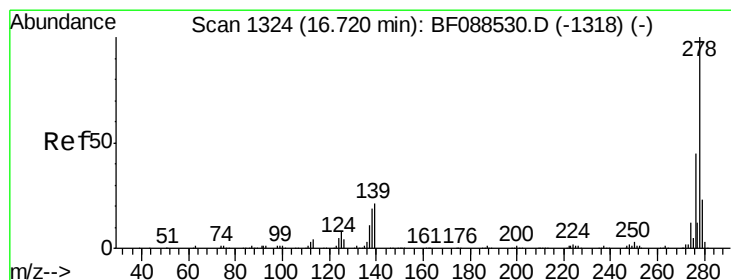
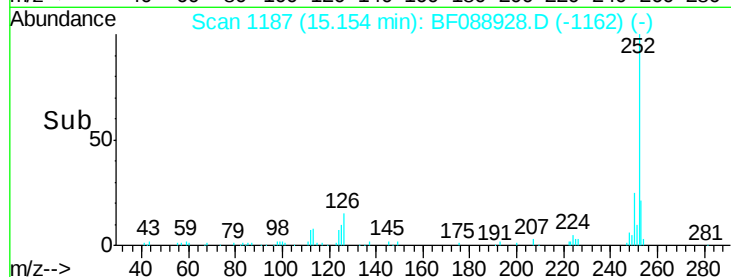
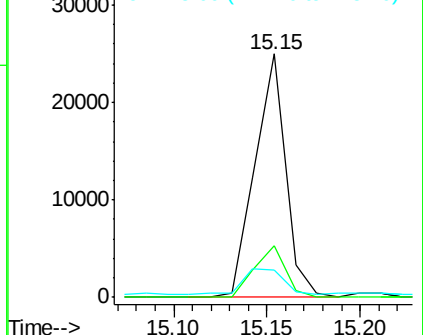
125 11.0 12.5 18.7#



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: 3.96 ng

RT: 16.50 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

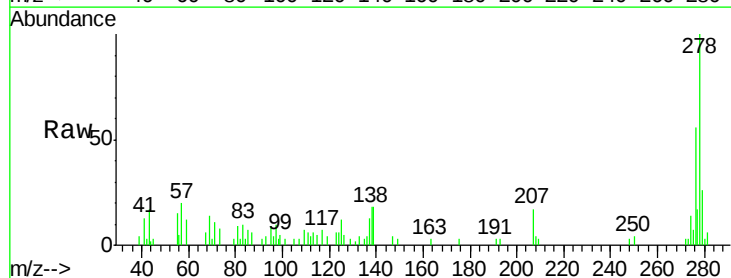
Tgt Ion:278 Resp: 21130

Ion Ratio Lower Upper

278 100

139 18.2 15.7 23.5

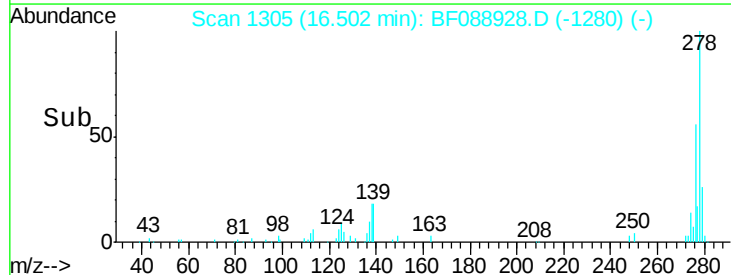
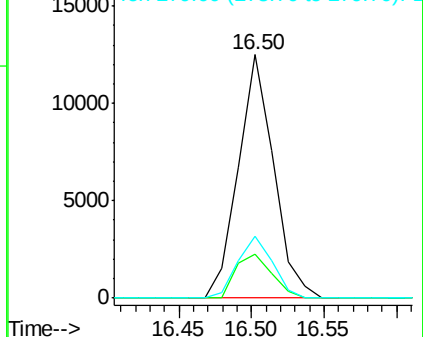
279 25.6 19.4 29.2



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: 3.59 ng

RT: 16.87 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF088928.D

Acq: 12 Jul 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB91808BS

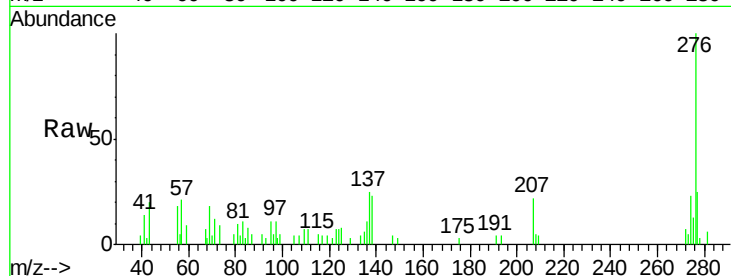
Tgt Ion: 276 Resp: 19846

Ion Ratio Lower Upper

276 100

277 25.5 18.9 28.3

138 23.5 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

