

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091307.D
 Acq On : 24 Nov 2016 10:50
 Operator : UM/SJ
 Sample : PB94898BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BSD

Quant Time: Nov 24 23:44:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	379722	20.00	ng	0.01
21) Naphthalene-d8	8.17	136	1415986	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	789491	20.00	ng	0.01
63) Phenanthrene-d10	11.40	188	1057162	20.00	ng	0.00
75) Chrysene-d12	14.04	240	810078	20.00	ng	0.00
86) Perylene-d12	15.48	264	664725	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1342744	56.81	ng	0.02
7) Phenol-d6	6.52	99	1911660	62.96	ng	0.02
23) Nitrobenzene-d5	7.45	82	1134984	46.15	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	435194	54.66	ng	0.01
44) 2-Fluorobiphenyl	9.25	172	2154823	44.69	ng	0.01
78) Terphenyl-d14	12.99	244	1475931	41.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	196617	17.64	ng	87
3) Pyridine	3.32	79	587613	19.61	ng	90
4) n-Nitrosodimethylamine	3.28	42	355644	21.68	ng	92
6) Aniline	6.54	93	238199	6.14	ng	# 70
8) 2-Chlorophenol	6.67	128	587526	22.82	ng	94
10) Phenol	6.53	94	707013	20.87	ng	87
11) bis(2-Chloroethyl)ether	6.62	93	570803	22.92	ng	89
12) 1,3-Dichlorobenzene	6.90	146	592710	21.12	ng	96
13) 1,4-Dichlorobenzene	6.90	146	592710	20.63	ng	97
14) 1,2-Dichlorobenzene	6.90	146	592710	21.74	ng	97
15) Benzyl Alcohol	7.02	79	494177	20.96	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1061124	19.43	ng	71
17) 2-Methylphenol	7.14	107	465393	22.85	ng	# 77
18) Hexachloroethane	7.40	117	198395	19.40	ng	92
19) n-Nitroso-di-n-propylamine	7.30	70	393014	20.63	ng	96
20) 3+4-Methylphenols	7.29	107	535469	21.42	ng	# 66
22) Acetophenone	7.30	105	767041	24.01	ng	95
24) Nitrobenzene	7.47	77	617643	23.73	ng	# 74
25) Isophorone	7.71	82	1115785	24.28	ng	97
26) 2-Nitrophenol	7.78	139	258067	24.72	ng	99
27) 2,4-Dimethylphenol	7.82	122	570887	26.06	ng	95
28) bis(2-Chloroethoxy)methane	7.92	93	666773	24.37	ng	100
29) 2,4-Dichlorophenol	8.03	162	461202	23.83	ng	89
30) 1,2,4-Trichlorobenzene	8.11	180	515767	23.13	ng	98
31) Naphthalene	8.19	128	1535223	22.54	ng	100
32) Benzoic acid	7.95	122	337722	19.58	ng	84
33) 4-Chloroaniline	8.24	127	110132	3.72	ng	98
34) Hexachlorobutadiene	8.32	225	310232	23.53	ng	99
35) Caprolactam	8.61	113	148469	24.88	ng	# 82
36) 4-Chloro-3-methylphenol	8.73	107	501536	24.11	ng	# 85
37) 2-Methylnaphthalene	8.89	142	1057091	22.61	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	474158	22.16	ng	99
40) Hexachlorocyclopentadiene	9.04	237	213962	22.34	ng	100
42) 2,4,6-Trichlorophenol	9.16	196	353544	23.96	ng	98

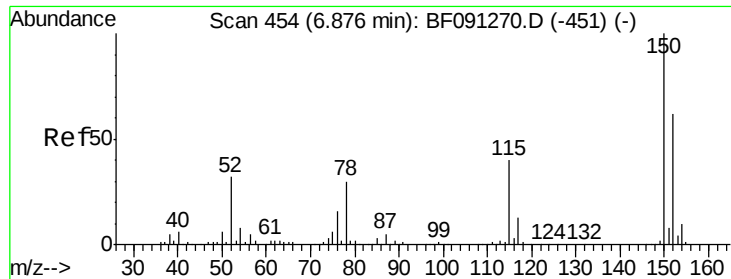
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.21	196	308189	21.74	ng	98
45) 1,1'-Biphenyl	9.34	154	1154885	20.29	ng	98
46) 2-Chloronaphthalene	9.37	162	875550	21.00	ng	98
47) 2-Nitroaniline	9.46	65	293058	20.71	ng	# 75
48) Acenaphthylene	9.79	152	1452651	21.74	ng	99
49) Dimethylphthalate	9.65	163	1176764	23.87	ng	98
50) 2,6-Dinitrotoluene	9.71	165	265432	24.65	ng	# 70
51) Acenaphthene	9.96	154	980051	21.55	ng	96
52) 3-Nitroaniline	9.87	138	105852	9.14	ng	99
53) 2,4-Dinitrophenol	9.97	184	86666	25.50	ng	# 82
54) Dibenzofuran	10.13	168	1360046	21.26	ng	93
55) 4-Nitrophenol	10.03	139	306855	36.75	ng	99
56) 2,4-Dinitrotoluene	10.11	165	333205	24.45	ng	89
57) Fluorene	10.48	166	966930	19.75	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	264495	21.22	ng	95
59) Diethylphthalate	10.35	149	1093166	22.04	ng	96
60) 4-Chlorophenyl-phenylether	10.46	204	458868	20.35	ng	# 89
61) 4-Nitroaniline	10.49	138	188927	17.49	ng	93
62) Azobenzene	10.62	77	1141067	22.68	ng	91
64) 4,6-Dinitro-2-methylphenol	10.51	198	71284	14.87	ng	# 79
65) n-Nitrosodiphenylamine	10.58	169	827704	25.79	ng	99
66) 4-Bromophenyl-phenylether	10.96	248	315617	27.31	ng	# 83
67) Hexachlorobenzene	11.03	284	293996	23.21	ng	# 89
68) Atrazine	11.12	200	276757	27.82	ng	91
69) Pentachlorophenol	11.21	266	300819	40.14	ng	96
70) Phenanthrene	11.44	178	1284704	23.43	ng	99
71) Anthracene	11.48	178	1276708	22.77	ng	100
72) Carbazole	11.63	167	1049088	21.02	ng	98
73) Di-n-butylphthalate	11.97	149	1488529	25.76	ng	100
74) Fluoranthene	12.61	202	1157458	20.75	ng	98
76) Benzidine	12.74	184	526291	33.52	ng	97
77) Pyrene	12.84	202	1207462	20.17	ng	99
79) Butylbenzylphthalate	13.47	149	571293	23.85	ng	87
80) Benzo(a)anthracene	14.03	228	1066235	23.19	ng	98
81) 3,3'-Dichlorobenzidine	14.00	252	363634	23.98	ng	# 97
82) Chrysene	14.07	228	893849	20.57	ng	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	710345	23.82	ng	# 95
84) Di-n-octyl phthalate	14.64	149	1235914	26.33	ng	96
85) Indeno(1,2,3-cd)pyrene	16.90	276	797561	21.31	ng	96
87) Benzo(b)fluoranthene	15.09	252	1810027	43.16	ng	98
88) Benzo(k)fluoranthene	15.09	252	1810566	52.86	ng	# 97
89) Benzo(a)pyrene	15.41	252	840174	23.55	ng	97
90) Dibenzo(a,h)anthracene	16.91	278	674488	20.48	ng	97
91) Benzo(g,h,i)perylene	17.32	276	645217	19.75	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 455

Delta R.T. 0.01 min

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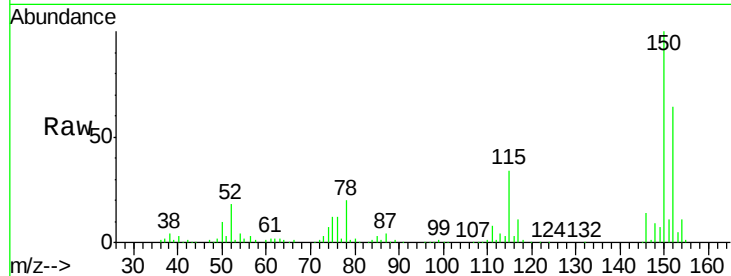
Tgt Ion:152 Resp: 379722

Ion Ratio Lower Upper

152 100

150 157.0 122.5 183.7

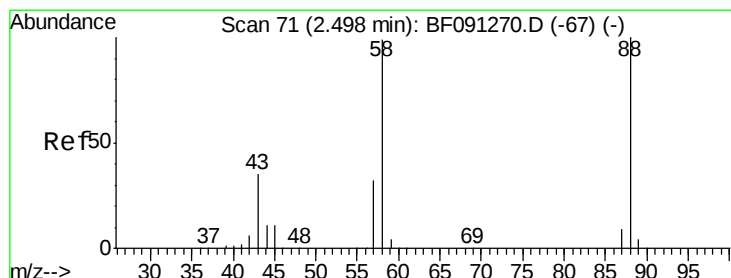
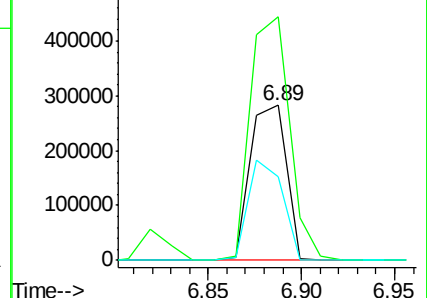
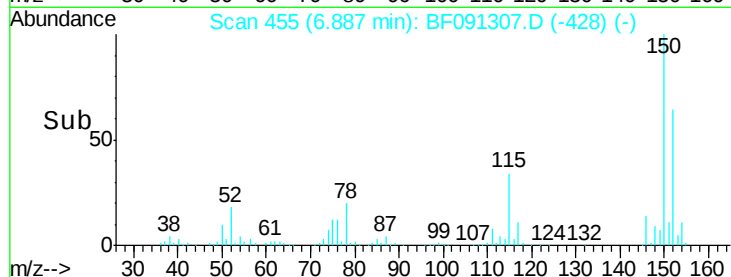
115 54.1 51.8 77.8



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: 17.64 ng

RT: 2.60 min Scan# 80

Delta R.T. 0.10 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

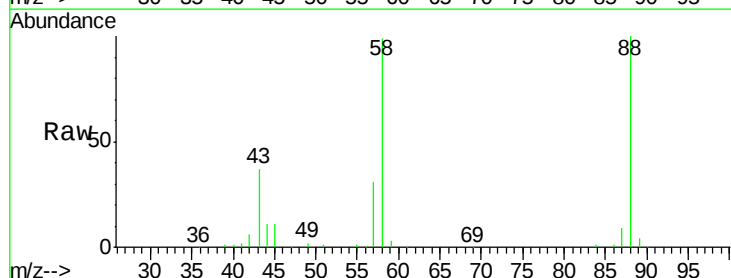
Tgt Ion: 88 Resp: 196617

Ion Ratio Lower Upper

88 100

58 104.9 70.3 105.5

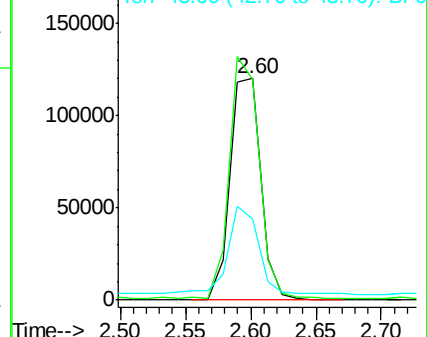
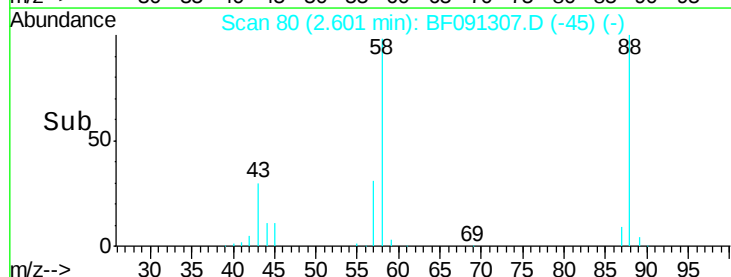
43 39.7 31.3 46.9

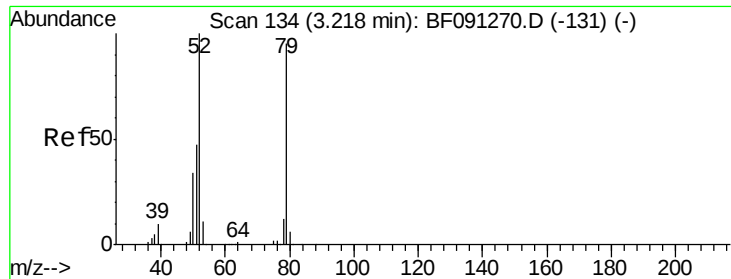


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 19.61 ng

RT: 3.32 min Scan# 143

Delta R.T. 0.10 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

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ClientSampleId :

PB94898BSD

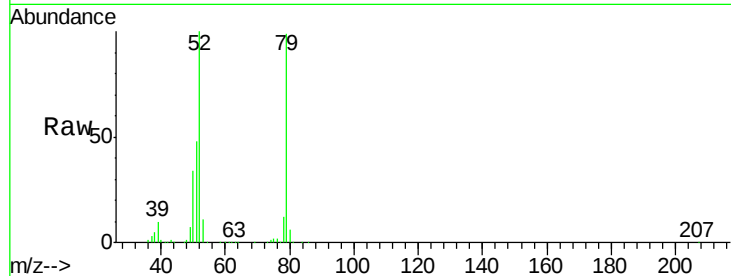
Tgt Ion: 79 Resp: 587613

Ion Ratio Lower Upper

79 100

52 101.1 71.0 106.4

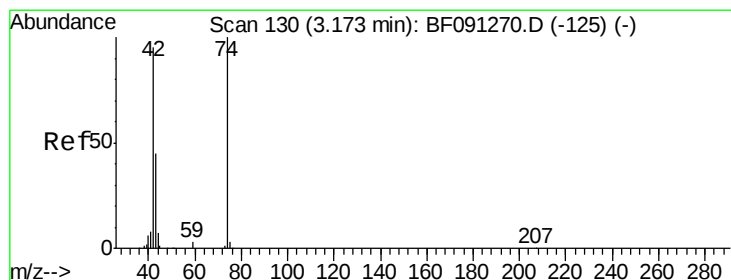
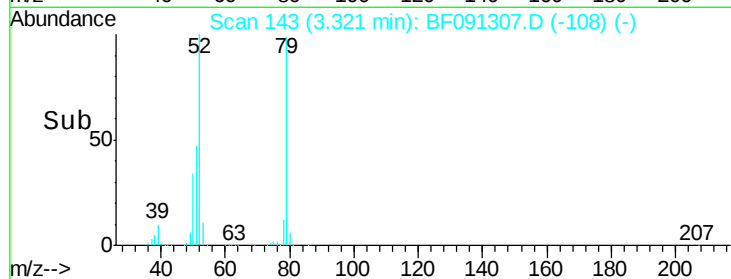
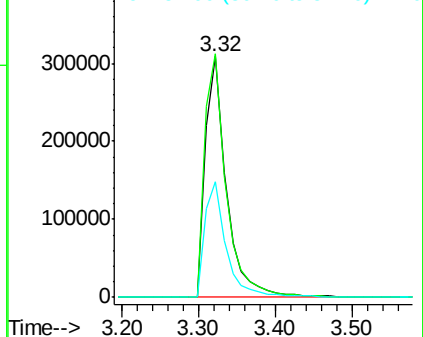
51 48.1 37.0 55.4



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: 21.68 ng

RT: 3.28 min Scan# 139

Delta R.T. 0.10 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

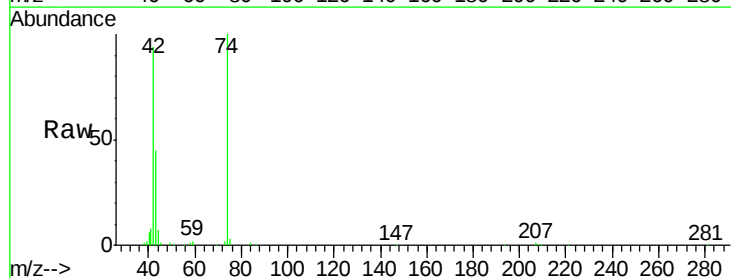
Tgt Ion: 42 Resp: 355644

Ion Ratio Lower Upper

42 100

74 106.6 78.9 118.3

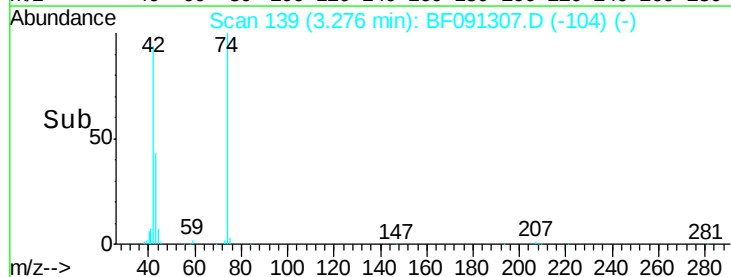
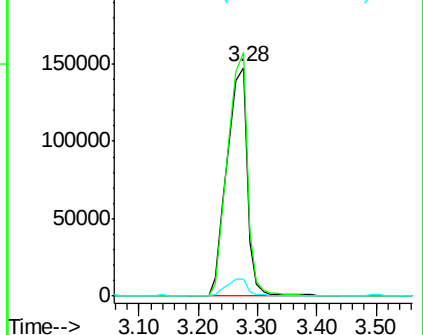
44 7.7 5.8 8.6

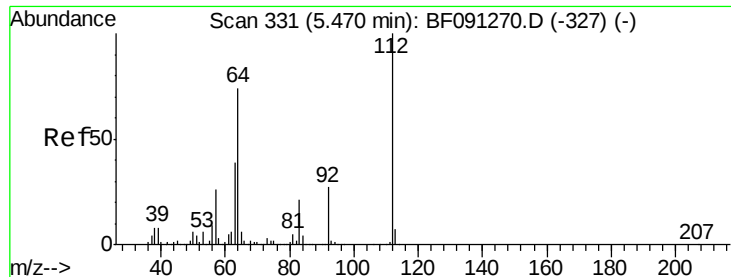


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 56.81 ng

RT: 5.49 min Scan# 333

Delta R.T. 0.02 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

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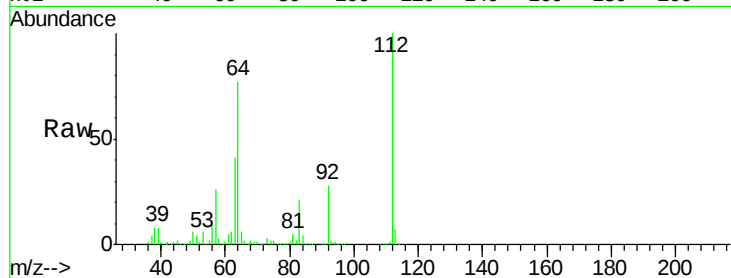
Tgt Ion: 112 Resp: 1342744

Ion Ratio Lower Upper

112 100

64 77.4 61.5 92.3

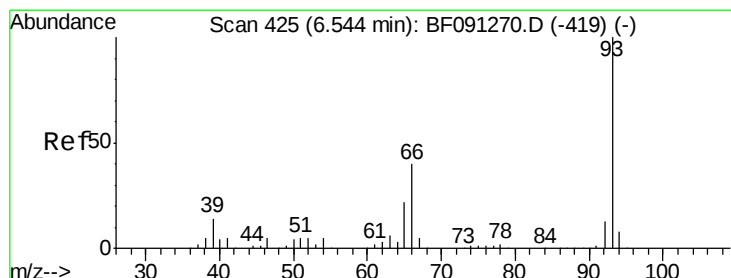
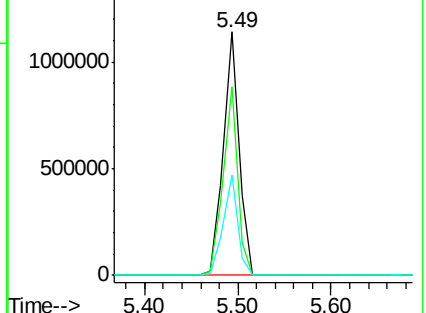
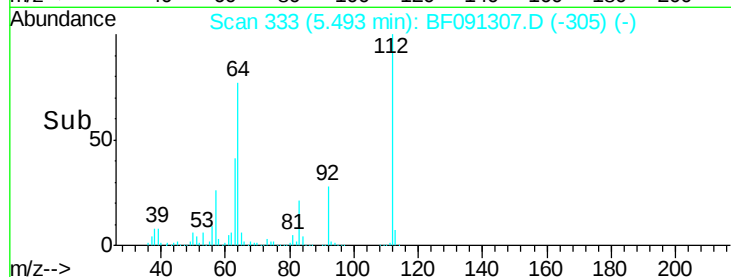
63 41.3 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 6.14 ng

RT: 6.54 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

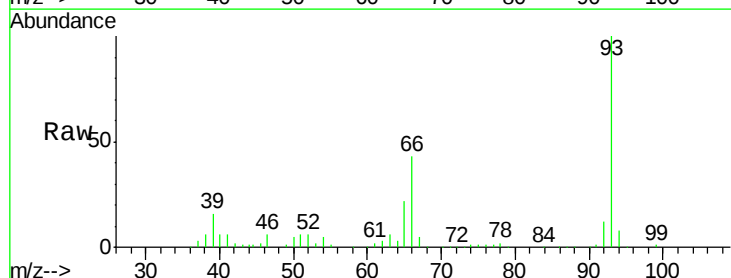
Tgt Ion: 93 Resp: 238199

Ion Ratio Lower Upper

93 100

66 43.1 55.8 83.6#

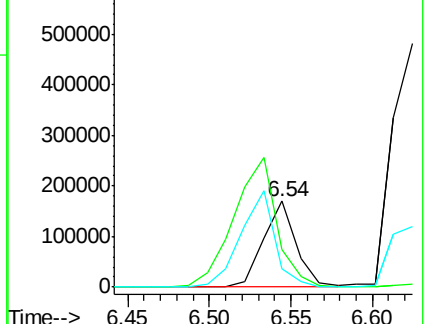
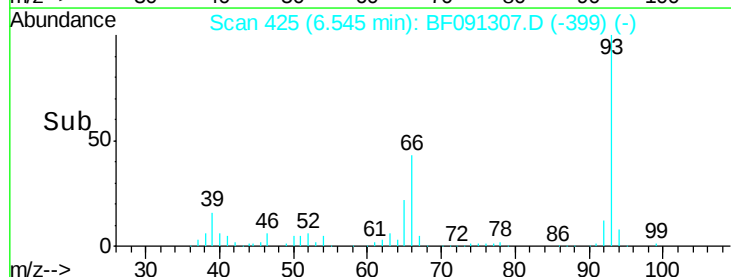
65 21.8 29.9 44.9#

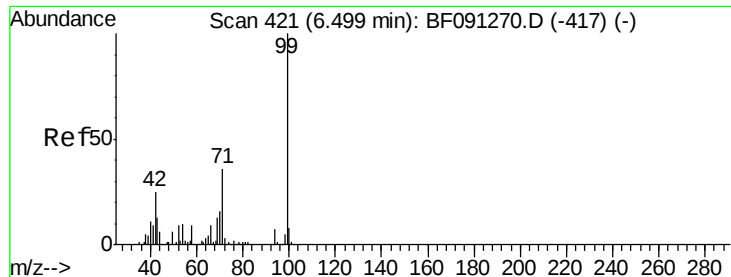


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 62.96 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.02 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

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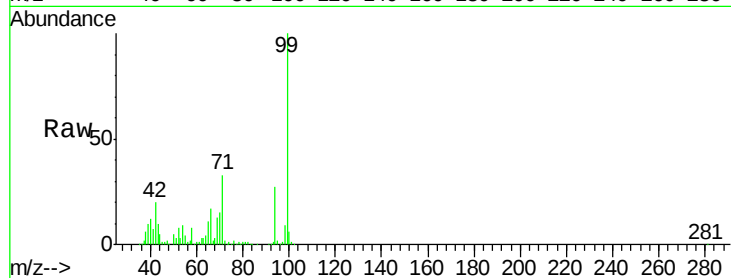
Tgt Ion: 99 Resp: 1911660

Ion Ratio Lower Upper

99 100

42 20.0 20.6 31.0#

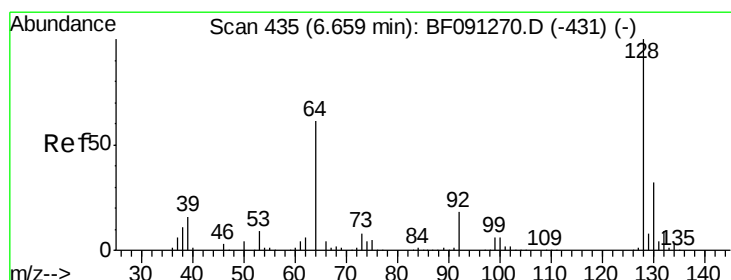
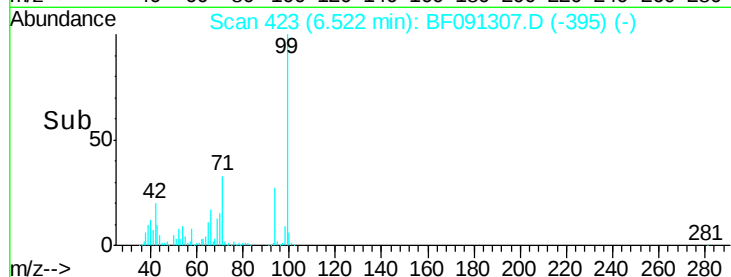
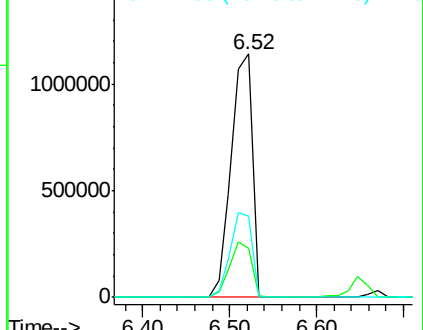
71 33.1 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 22.82 ng

RT: 6.67 min Scan# 436

Delta R.T. 0.01 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

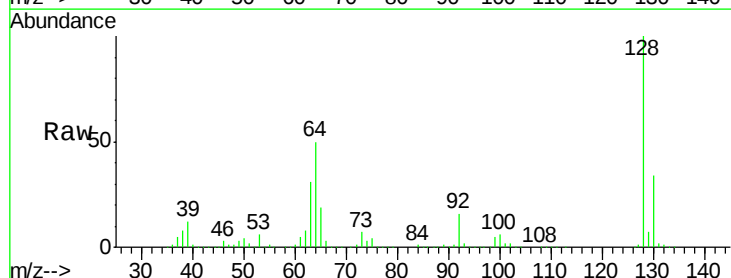
Tgt Ion: 128 Resp: 587526

Ion Ratio Lower Upper

128 100

130 33.7 13.1 53.1

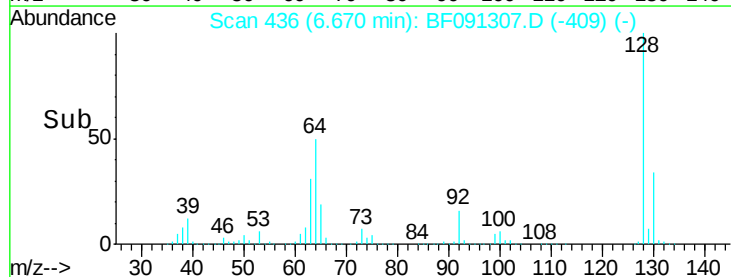
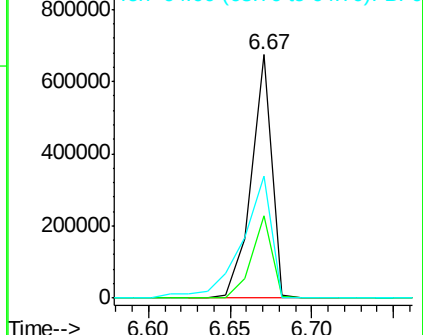
64 50.0 24.1 64.1

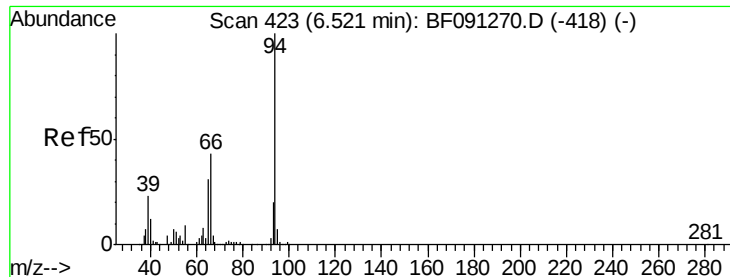


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 20.87 ng

RT: 6.53 min Scan# 424

Delta R.T. 0.01 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

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PB94898BSD

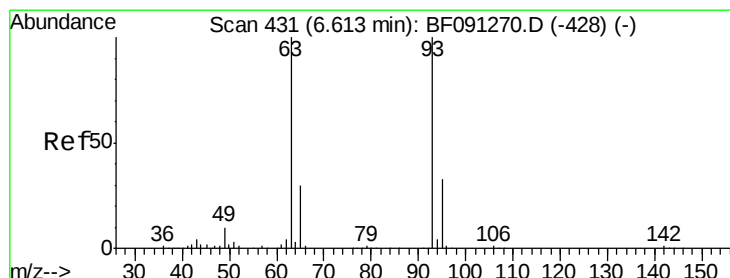
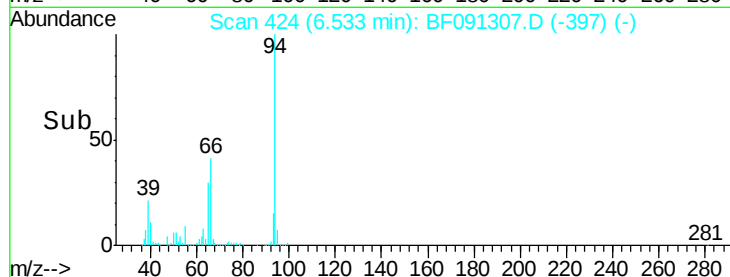
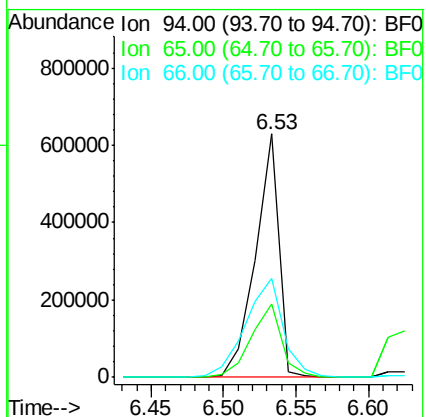
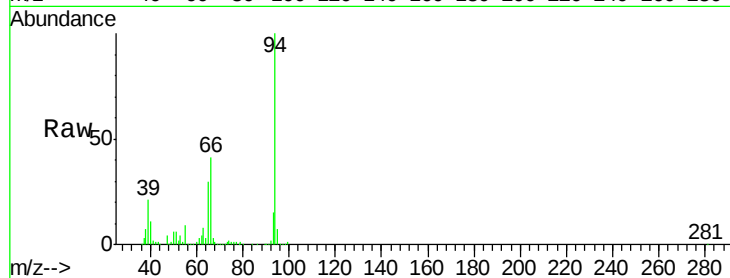
Tgt Ion: 94 Resp: 707013

Ion Ratio Lower Upper

94 100

65 30.2 16.9 56.9

66 40.7 30.6 70.6



#11

bis(2-Chloroethyl)ether

Concen: 22.92 ng

RT: 6.62 min Scan# 432

Delta R.T. 0.01 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

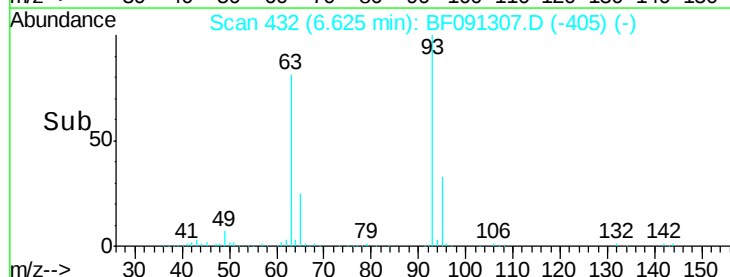
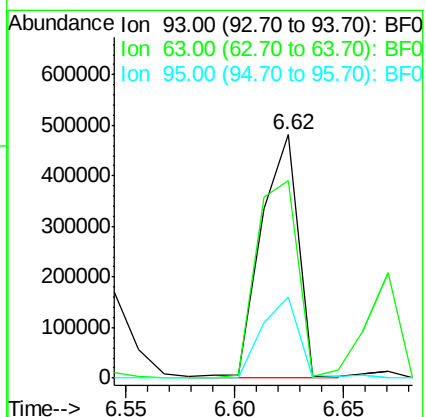
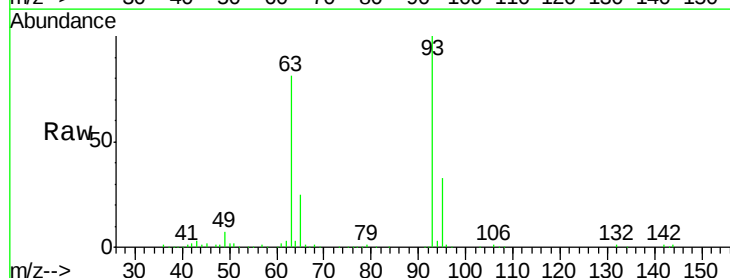
Tgt Ion: 93 Resp: 570803

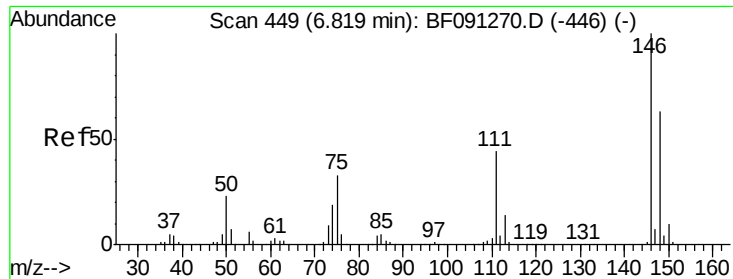
Ion Ratio Lower Upper

93 100

63 81.2 74.8 114.8

95 33.2 12.4 52.4

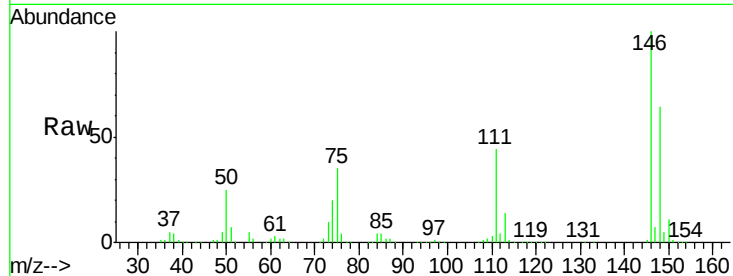




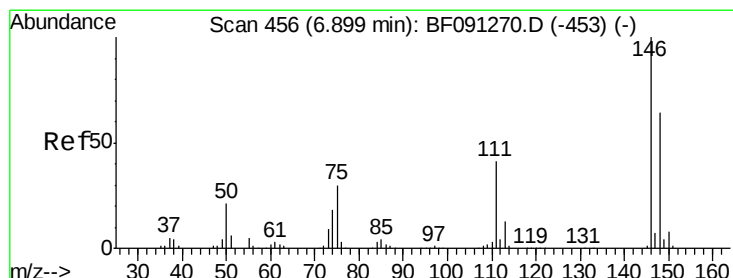
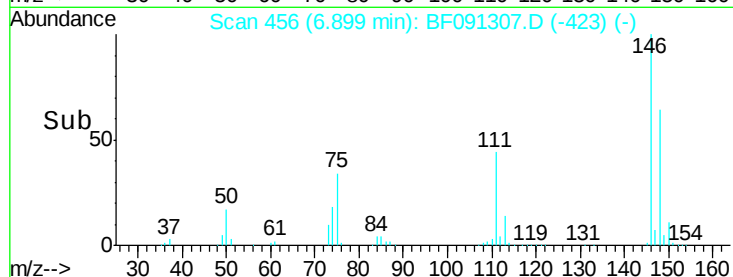
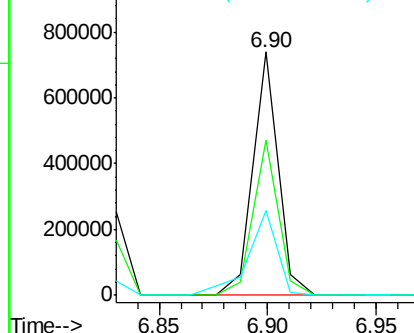
#12
 1,3-Dichlorobenzene
 Concen: 21.12 ng
 RT: 6.90 min Scan# 456
 Delta R.T. 0.08 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BSD

Tgt Ion:146 Resp: 592710
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.4 77.0
 75 34.7 23.6 35.4

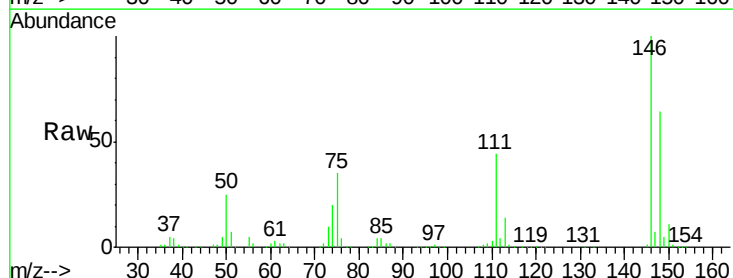


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

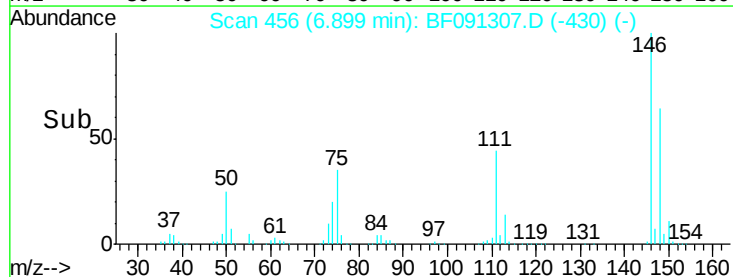
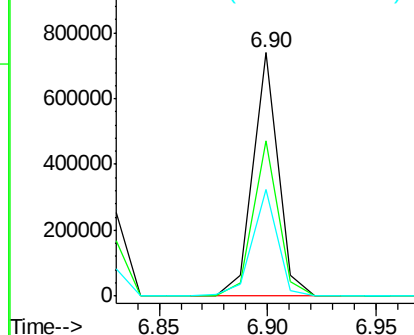


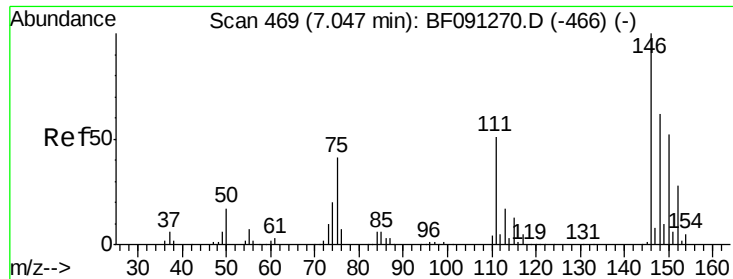
#13
 1,4-Dichlorobenzene
 Concen: 20.63 ng
 RT: 6.90 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Tgt Ion:146 Resp: 592710
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.4 77.0
 111 43.6 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 21.74 ng

RT: 6.90 min Scan# 456

Delta R.T. -0.15 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

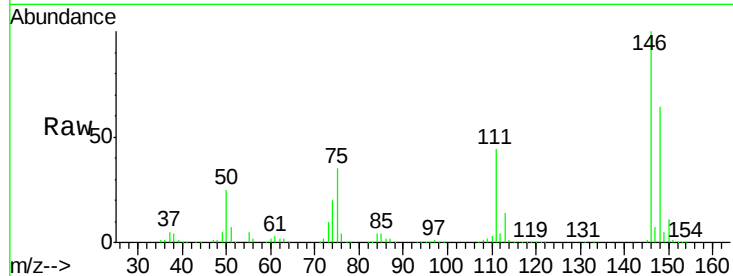
Tgt Ion:146 Resp: 592710

Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.6

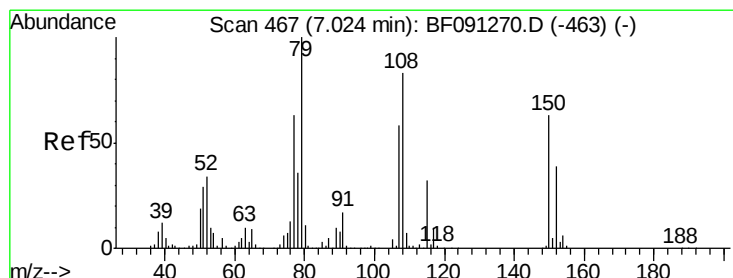
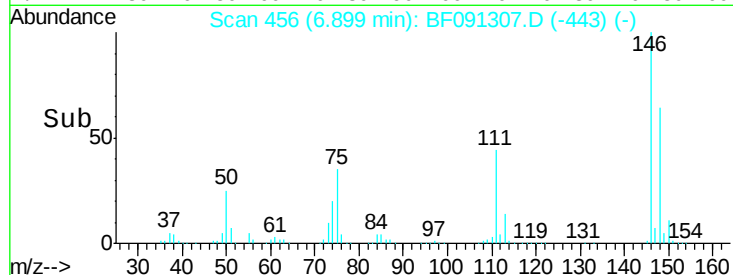
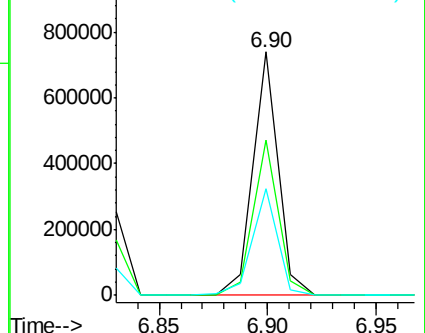
111 43.6 38.9 58.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 20.96 ng

RT: 7.02 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

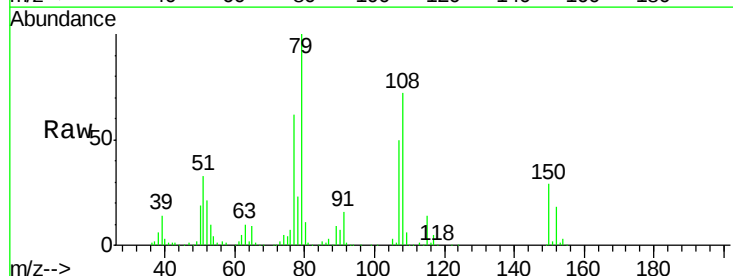
Tgt Ion: 79 Resp: 494177

Ion Ratio Lower Upper

79 100

108 72.2 62.7 94.1

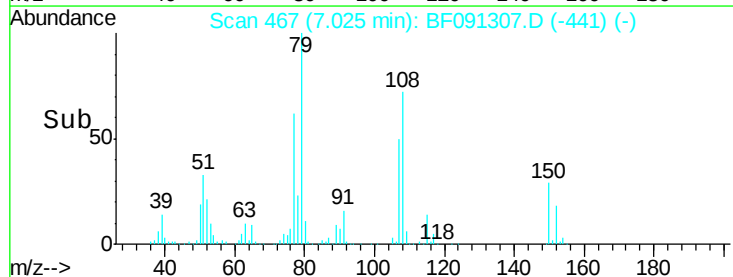
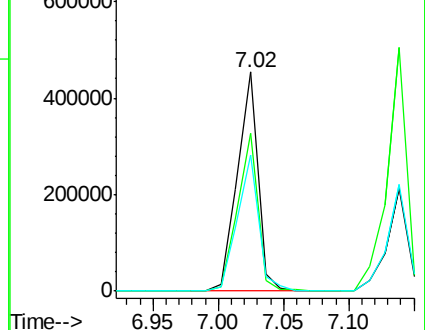
77 62.3 51.7 77.5

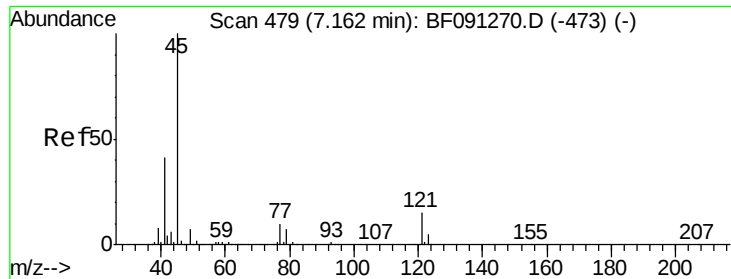


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

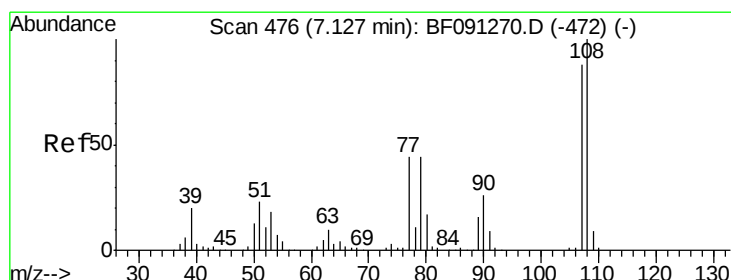
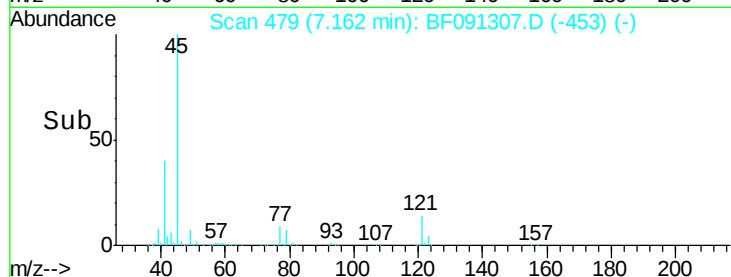
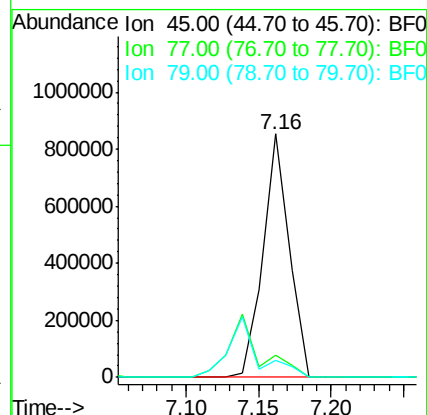
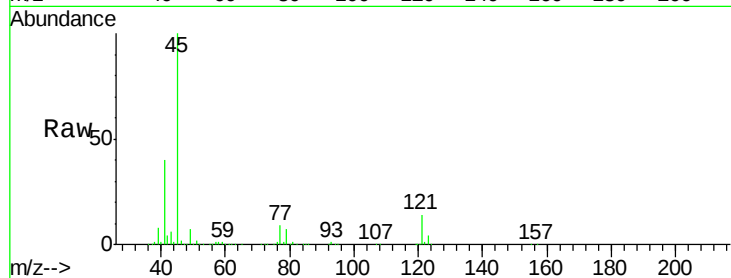




#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.43 ng
RT: 7.16 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

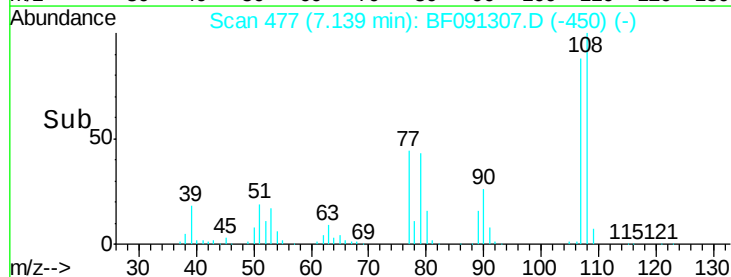
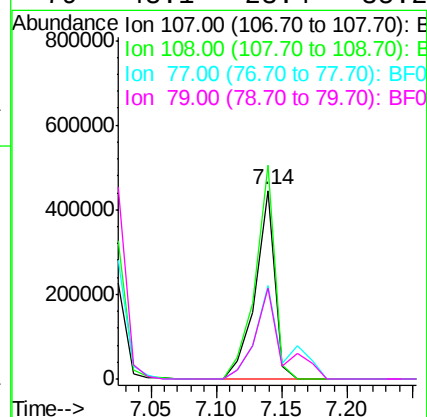
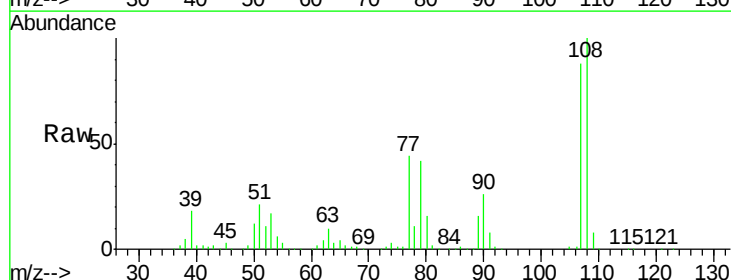
Instrument :
BNA_F
ClientSampleId :
PB94898BSD

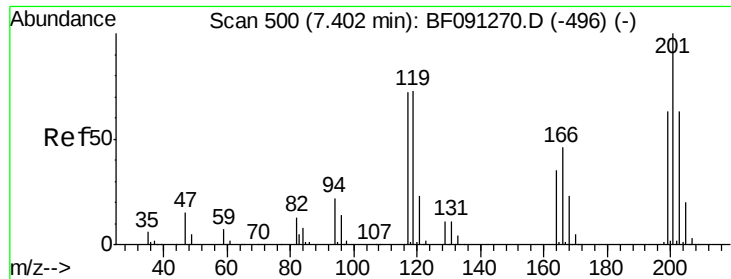
Tgt Ion: 45 Resp: 1061124
Ion Ratio Lower Upper
45 100
77 9.2 3.8 43.8
79 7.1 0.2 40.2



#17
2-Methylphenol
Concen: 22.85 ng
RT: 7.14 min Scan# 477
Delta R.T. 0.01 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Tgt Ion: 107 Resp: 465393
Ion Ratio Lower Upper
107 100
108 113.5 67.7 101.5#
77 49.5 40.7 61.1
79 48.1 23.4 35.2#

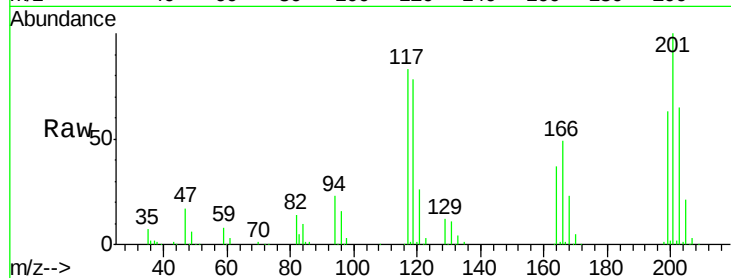




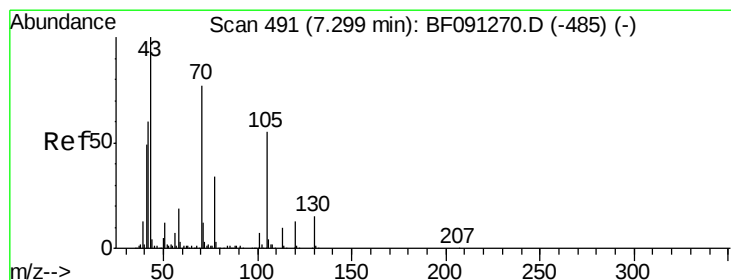
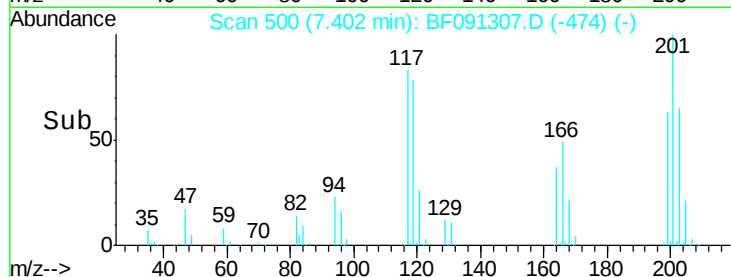
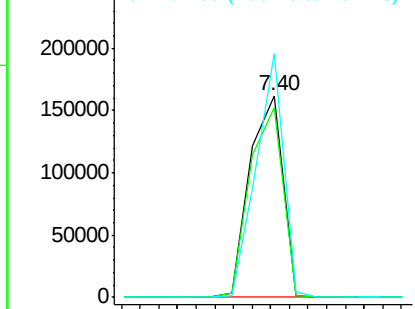
#18
Hexachloroethane
Concen: 19.40 ng
RT: 7.40 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Instrument :
BNA_F
ClientSampleId :
PB94898BSD

Tgt Ion: 117 Resp: 198395
Ion Ratio Lower Upper
117 100
119 94.0 78.6 118.0
201 120.7 86.7 130.1

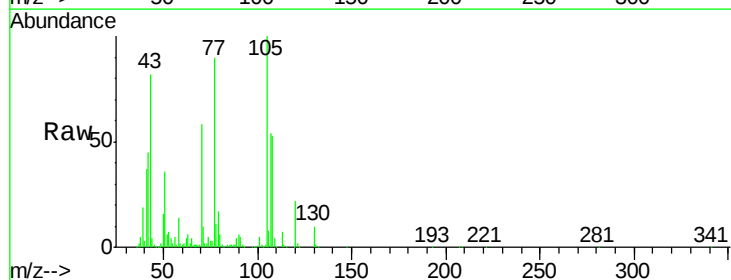


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

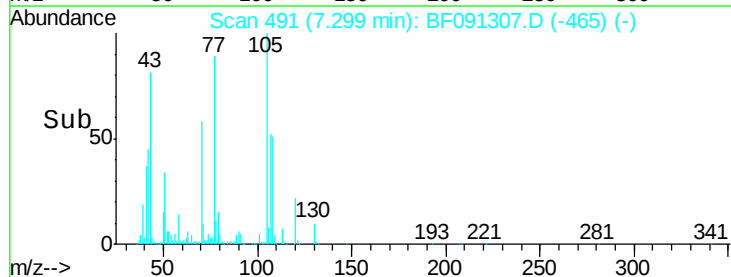
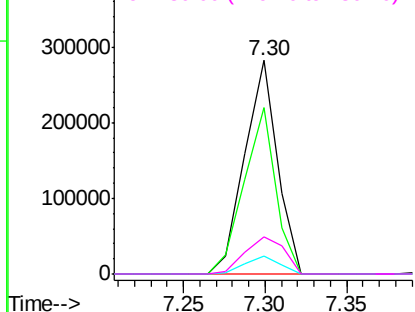


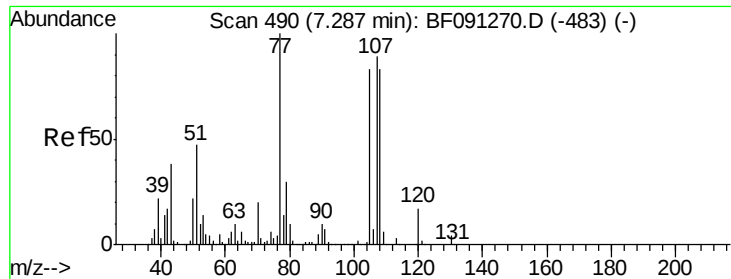
#19
n-Nitroso-di-n-propylamine
Concen: 20.63 ng
RT: 7.30 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Tgt Ion: 70 Resp: 393014
Ion Ratio Lower Upper
70 100
42 78.0 64.8 97.2
101 8.2 6.2 9.4
130 17.5 11.7 17.5



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 21.42 ng

RT: 7.29 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

Tgt Ion:107 Resp: 535469

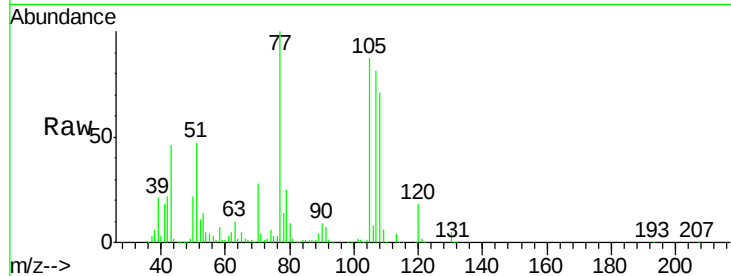
Ion Ratio Lower Upper

107 100

108 87.0 64.6 104.6

77 123.0 30.9 70.9#

79 30.4 9.3 49.3

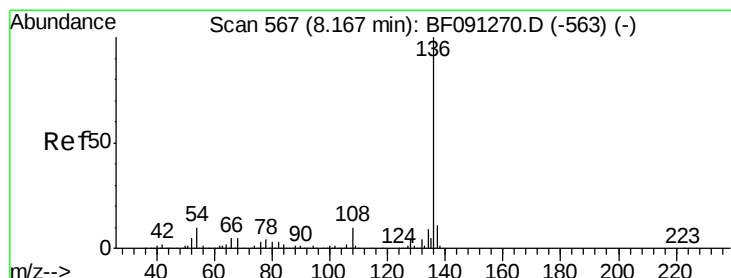
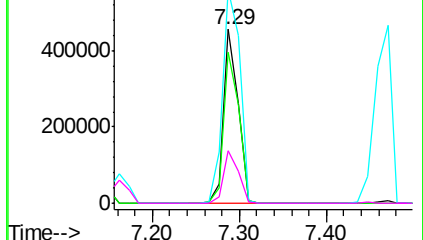
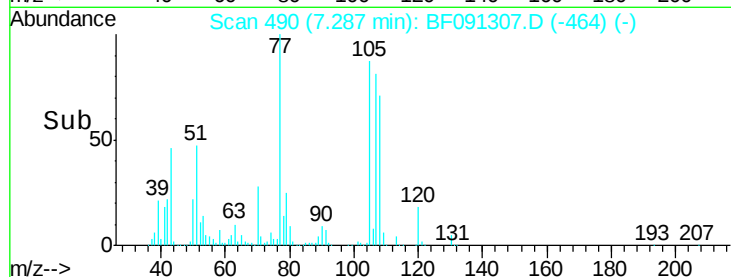


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Tgt Ion:136 Resp: 1415986

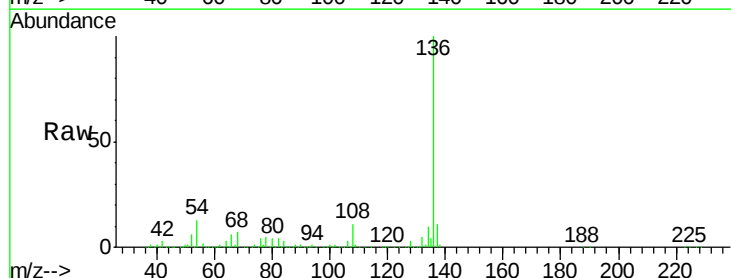
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 12.7 9.1 13.7

68 6.5 5.9 8.9

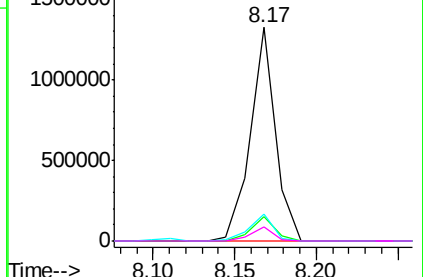
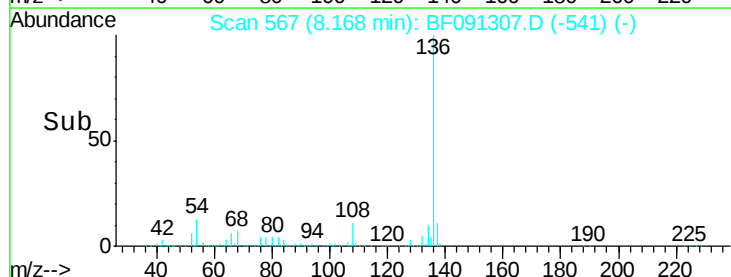


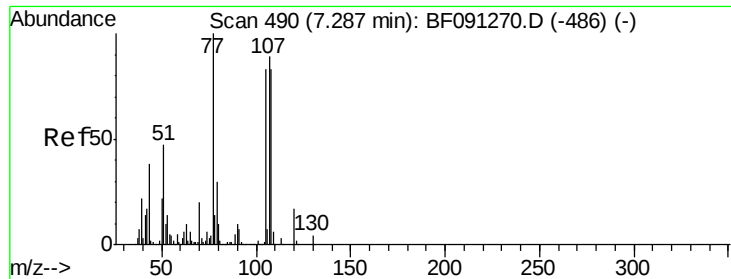
Abundance Ion 136.00 (135.70 to 136.70): E

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: 24.01 ng

RT: 7.30 min Scan# 491

Delta R.T. 0.01 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

Tgt Ion:105 Resp: 767041

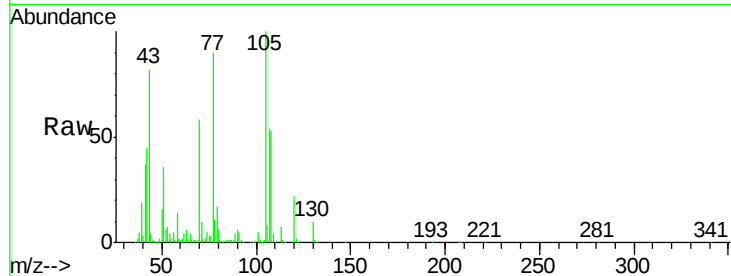
Ion Ratio Lower Upper

105 100

71 9.7 7.9 11.9

51 35.7 24.5 36.7

120 21.6 16.6 24.8

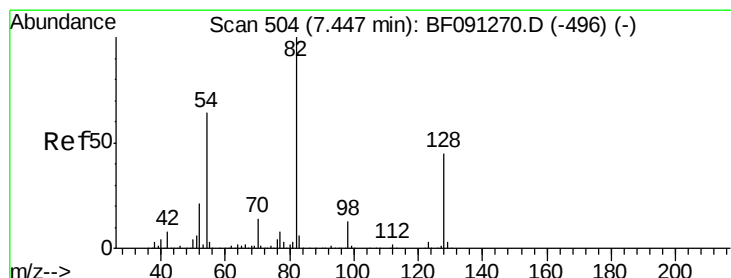
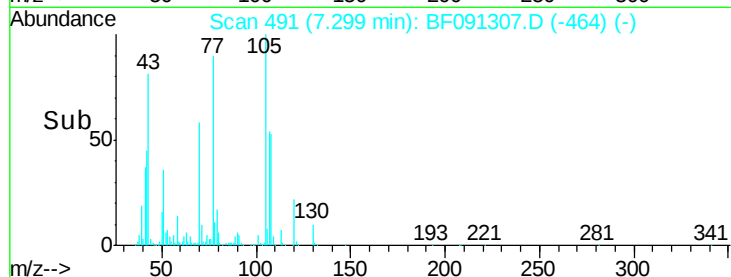
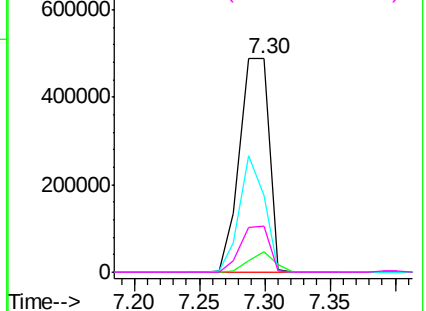


Abundance Ion 105.00 (104.70 to 105.70): E

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: 46.15 ng

RT: 7.45 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

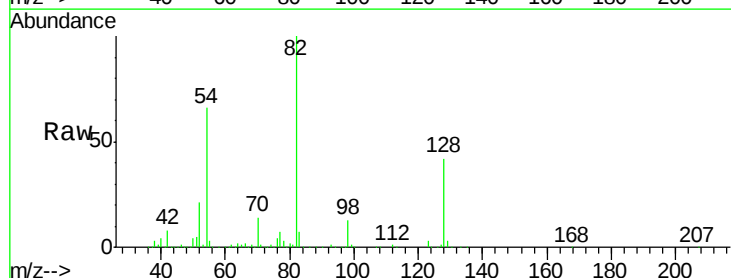
Tgt Ion: 82 Resp: 1134984

Ion Ratio Lower Upper

82 100

128 42.1 31.8 47.6

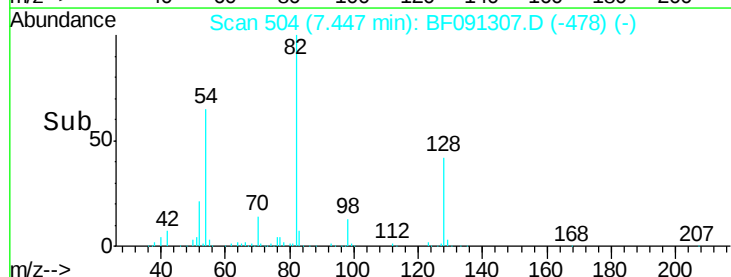
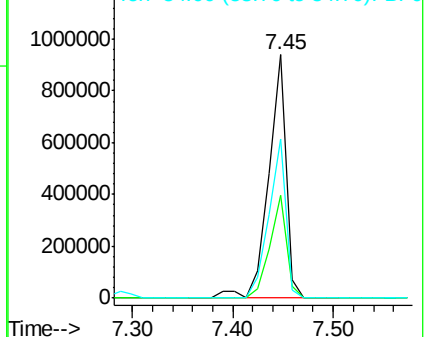
54 65.6 49.1 73.7

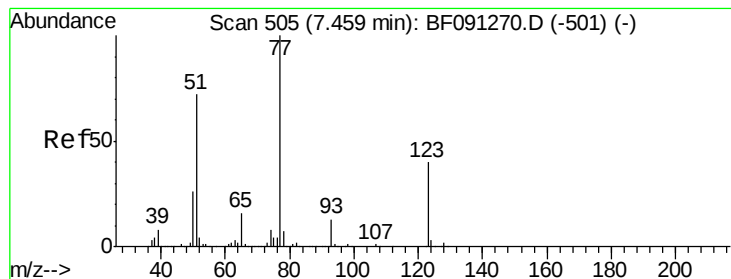


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 23.73 ng

RT: 7.47 min Scan# 506

Delta R.T. 0.01 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

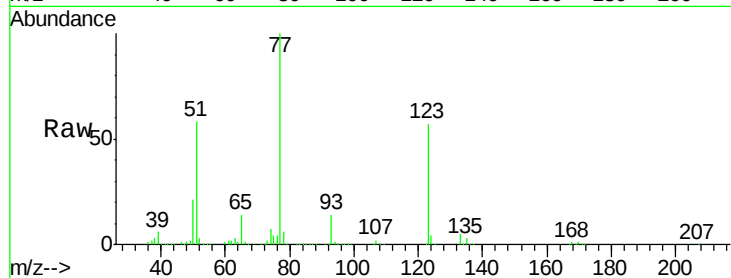
Tgt Ion: 77 Resp: 617643

Ion Ratio Lower Upper

77 100

123 56.9 28.5 42.7#

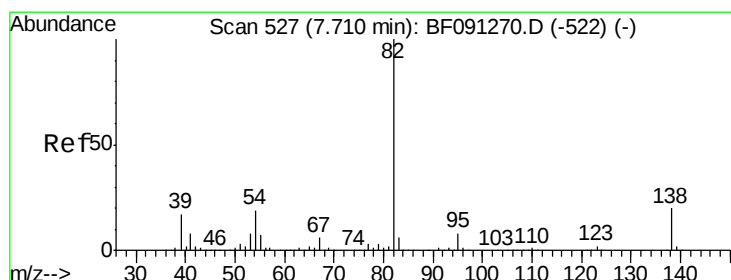
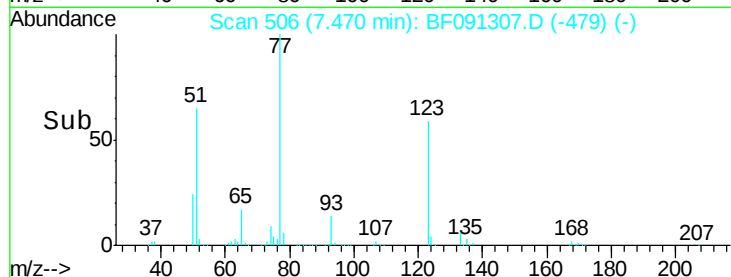
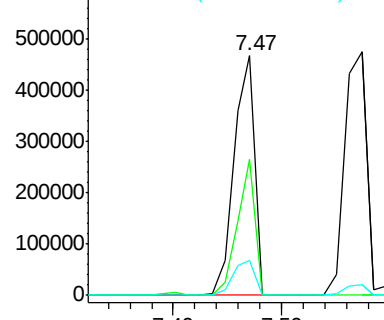
65 14.4 12.5 18.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 24.28 ng

RT: 7.71 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

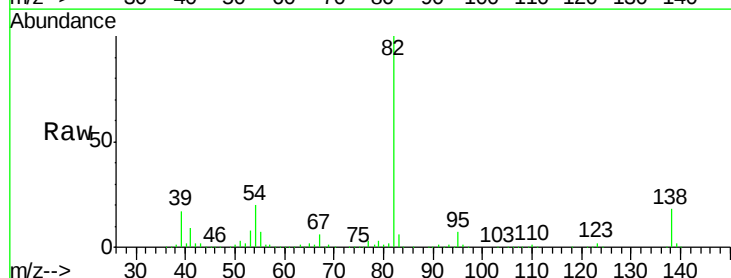
Tgt Ion: 82 Resp: 1115785

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

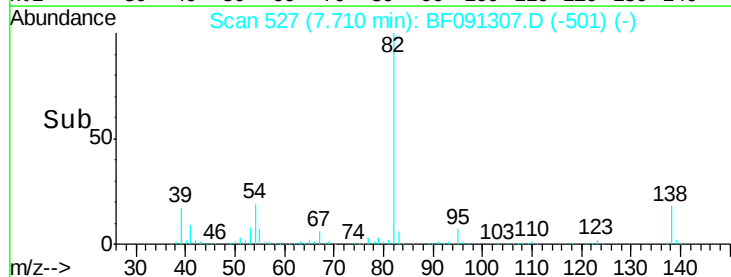
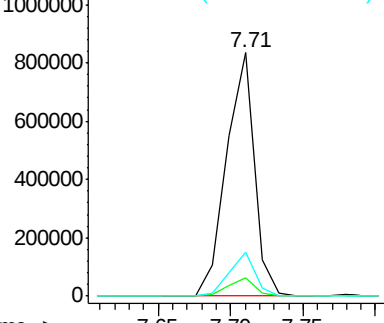
138 18.2 13.4 20.0

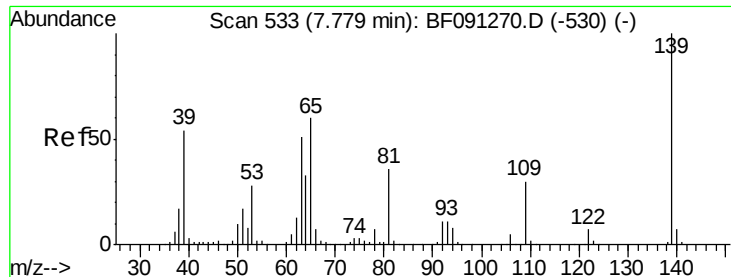


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

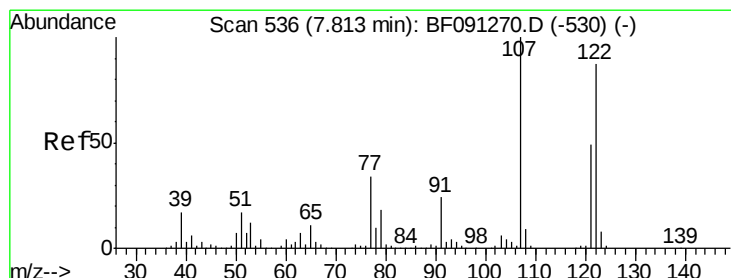
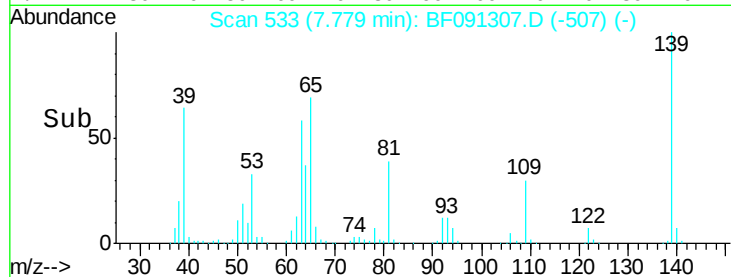
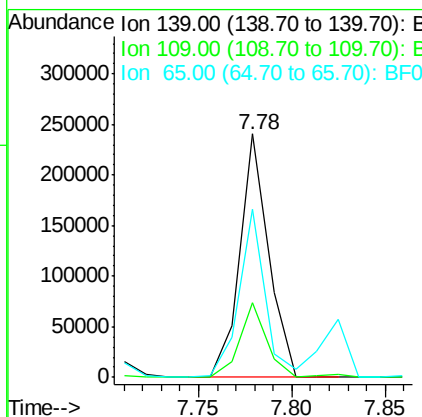
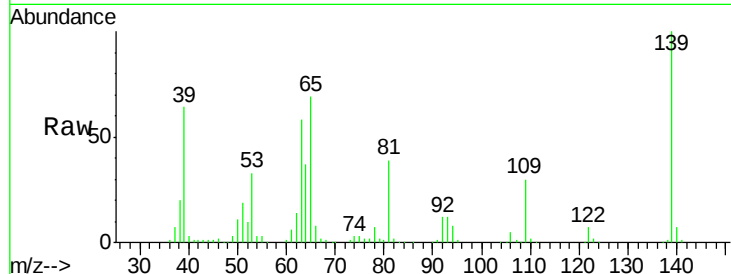




#26
 2-Nitrophenol
 Concen: 24.72 ng
 RT: 7.78 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

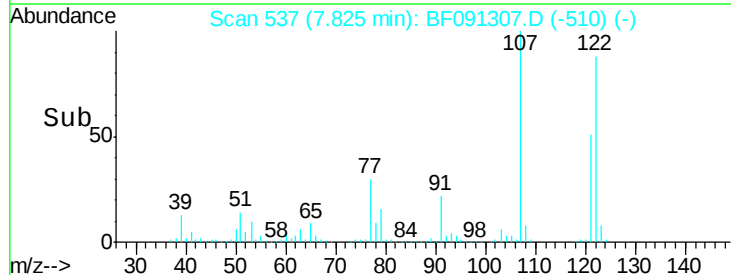
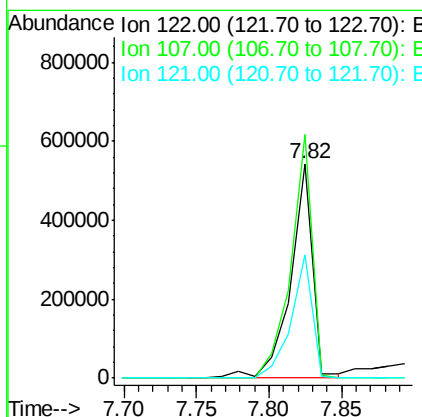
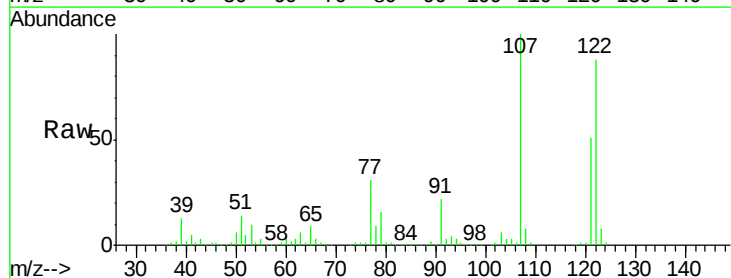
Instrument :
 BNA_F
 ClientSampleId :
 PB94898BSD

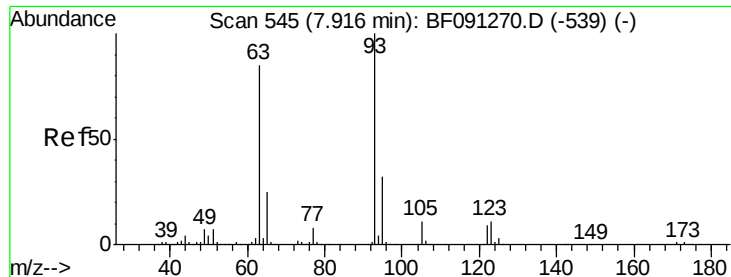
Tgt Ion:139 Resp: 258067
 Ion Ratio Lower Upper
 139 100
 109 30.5 25.3 37.9
 65 69.3 55.4 83.2



#27
 2,4-Dimethylphenol
 Concen: 26.06 ng
 RT: 7.82 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Tgt Ion:122 Resp: 570887
 Ion Ratio Lower Upper
 122 100
 107 113.7 96.8 145.2
 121 57.8 47.7 71.5



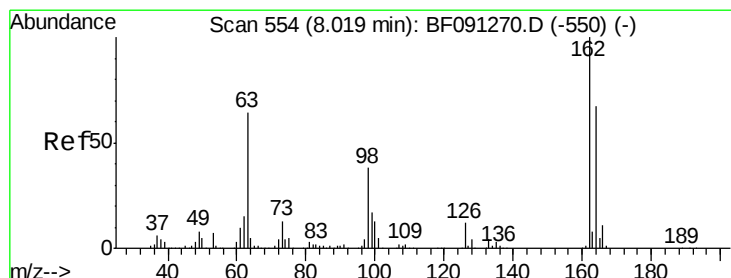
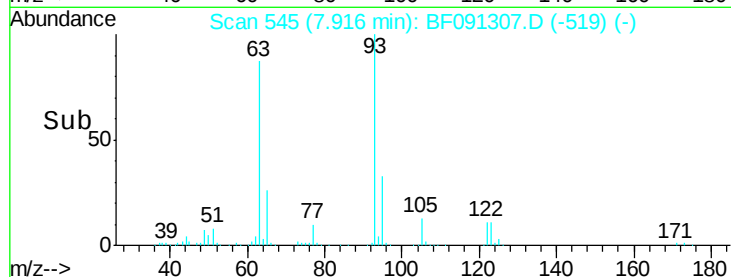
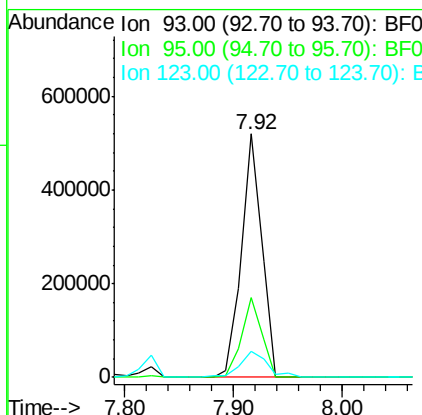
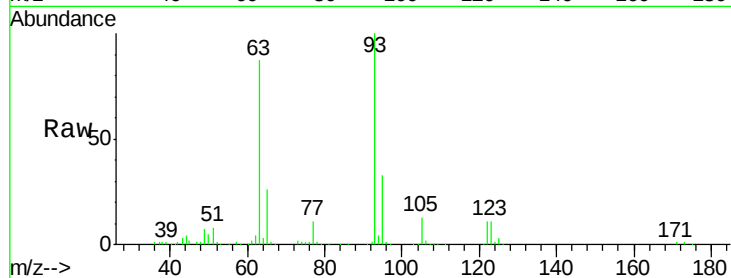


#28
bis(2-Chloroethoxy)methane
Concen: 24.37 ng
RT: 7.92 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Instrument :
BNA_F
ClientSampleId :
PB94898BSD

Tgt Ion: 93 Resp: 666773

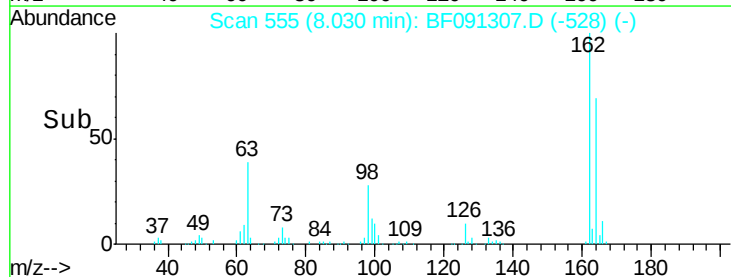
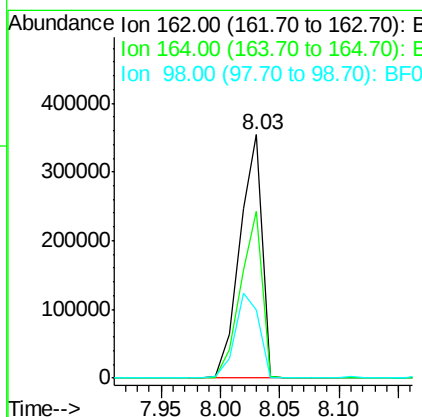
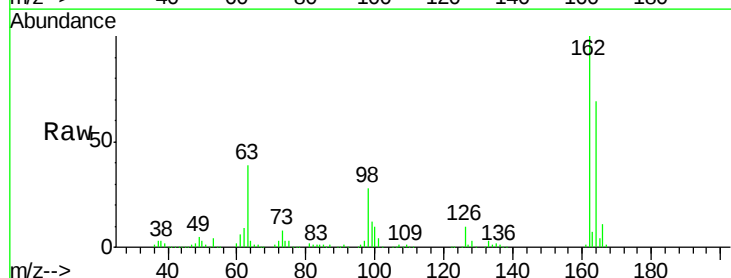
Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.0	39.0
123	10.7	8.6	12.8

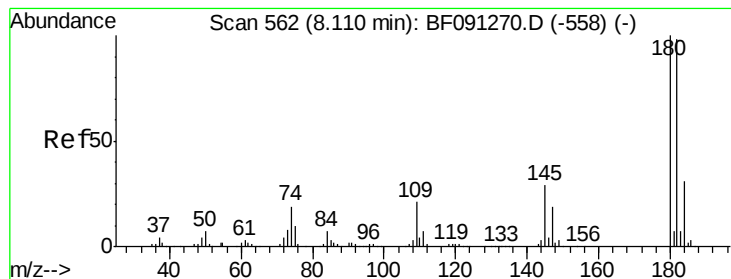


#29
2,4-Dichlorophenol
Concen: 23.83 ng
RT: 8.03 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Tgt Ion: 162 Resp: 461202

Ion	Ratio	Lower	Upper
162	100		
164	68.5	45.0	85.0
98	28.0	21.3	61.3





#30

1,2,4-Trichlorobenzene

Concen: 23.13 ng

RT: 8.11 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

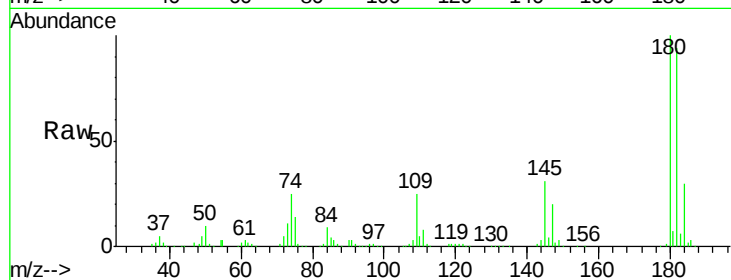
Tgt Ion:180 Resp: 515767

Ion Ratio Lower Upper

180 100

182 93.9 75.8 113.8

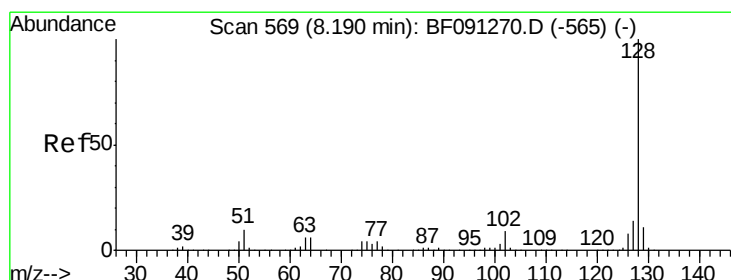
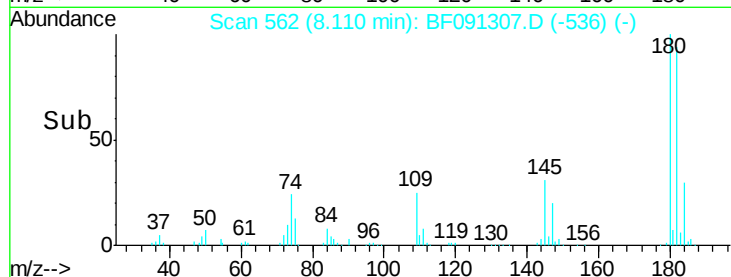
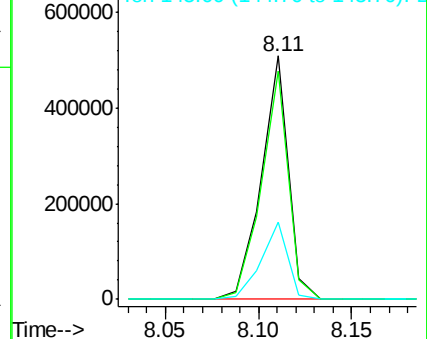
145 31.5 27.0 40.4



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: 22.54 ng

RT: 8.19 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

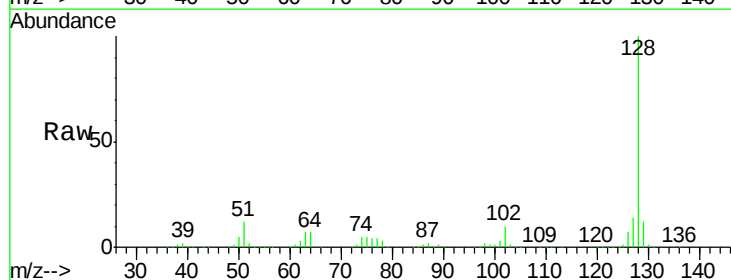
Tgt Ion:128 Resp: 1535223

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

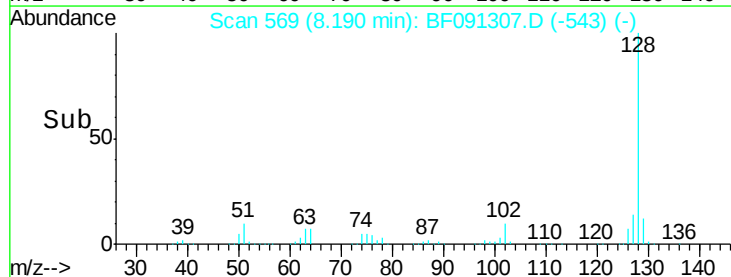
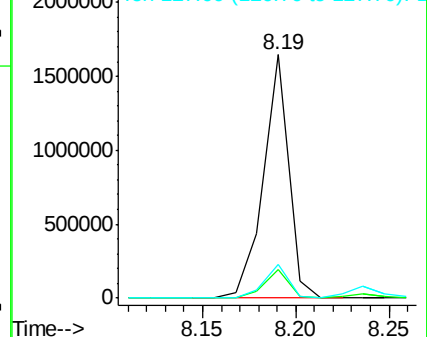
127 13.8 11.0 16.4

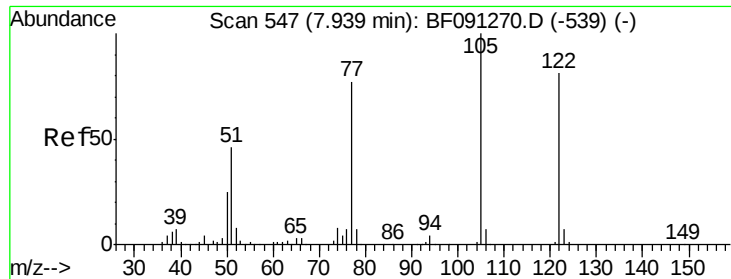


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 19.58 ng

RT: 7.95 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

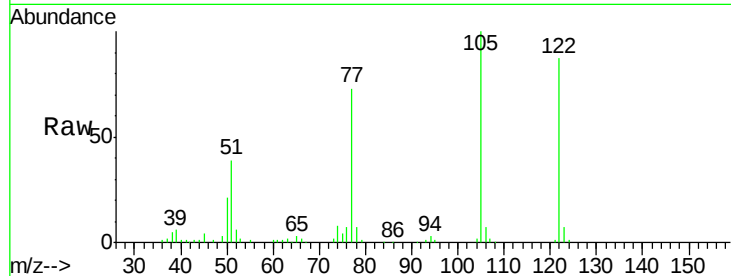
Tgt Ion:122 Resp: 337722

Ion Ratio Lower Upper

122 100

105 115.3 113.0 153.0

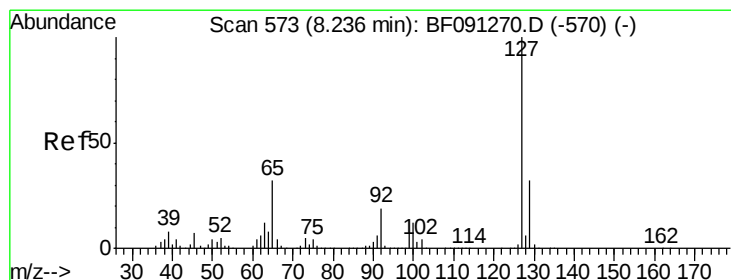
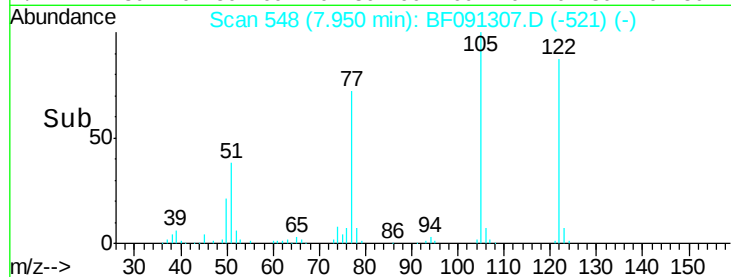
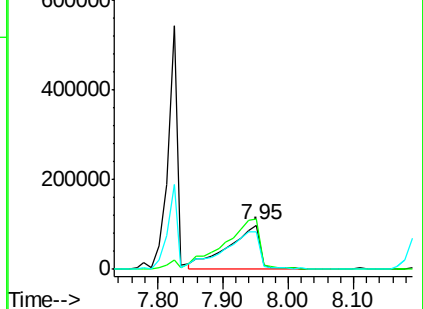
77 84.4 82.0 122.0



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: 3.72 ng

RT: 8.24 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Tgt Ion:127 Resp: 110132

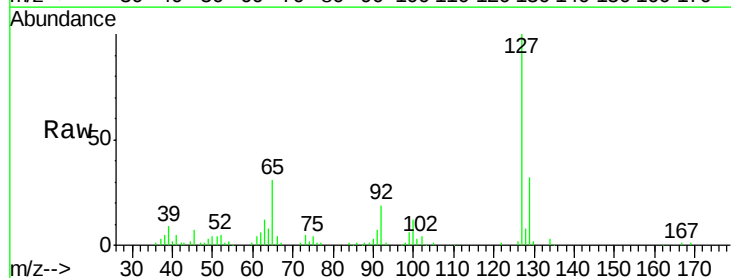
Ion Ratio Lower Upper

127 100

129 32.2 26.2 39.4

65 31.5 26.6 39.8

92 18.9 15.4 23.0

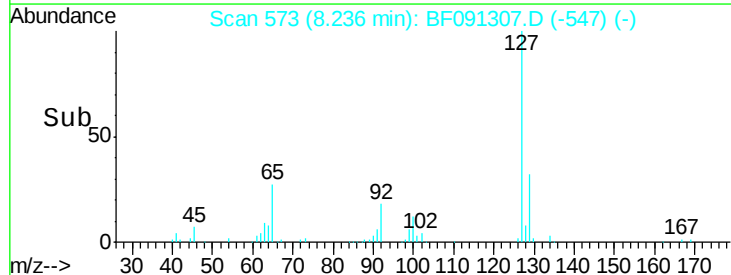
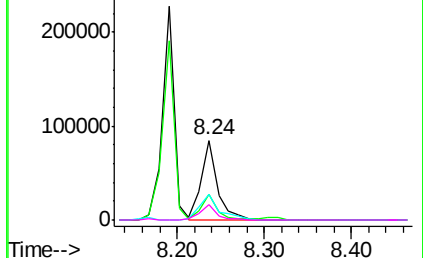


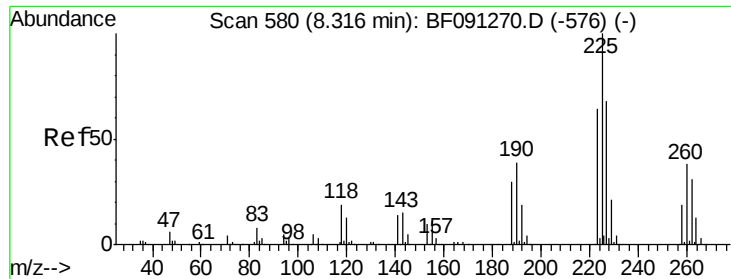
Abundance Ion 127.00 (126.70 to 127.70): E

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: 23.53 ng

RT: 8.32 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

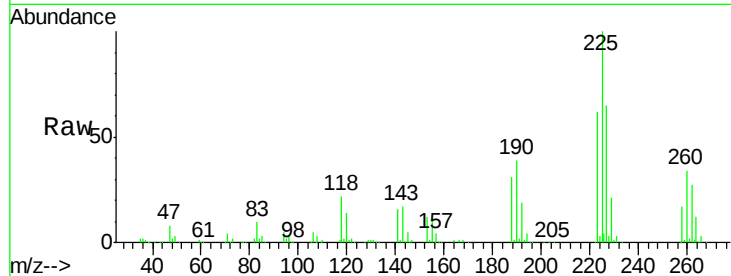
Tgt Ion:225 Resp: 310232

Ion Ratio Lower Upper

225 100

223 61.6 49.8 74.6

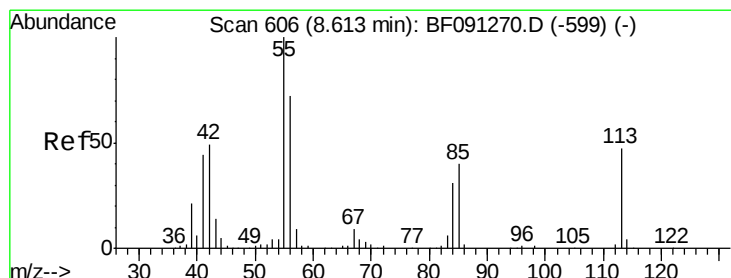
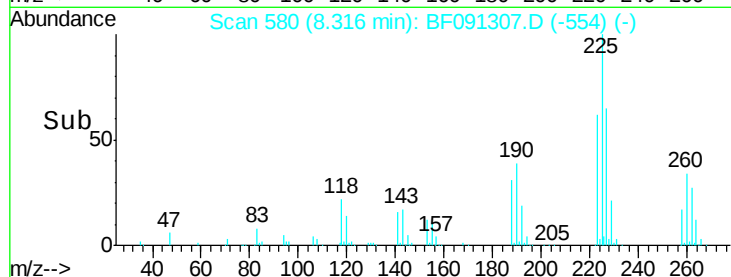
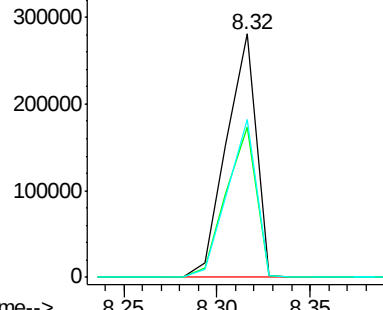
227 64.6 52.6 79.0



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: 24.88 ng

RT: 8.61 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

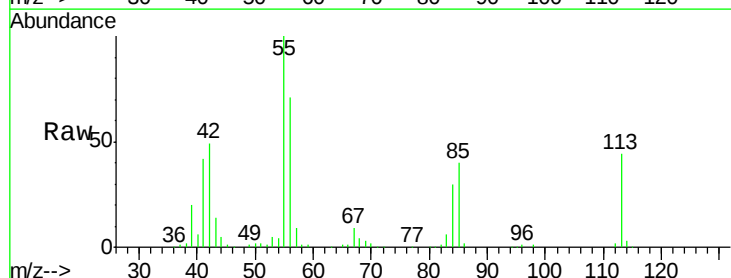
Tgt Ion:113 Resp: 148469

Ion Ratio Lower Upper

113 100

55 225.4 239.8 279.8#

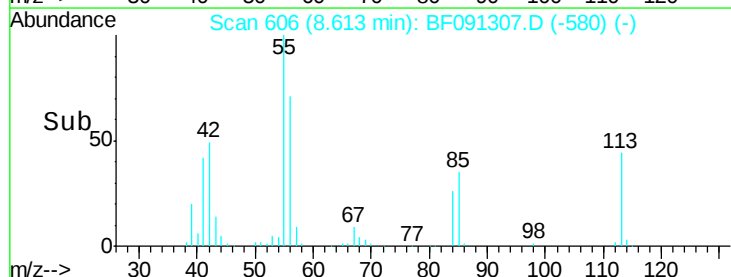
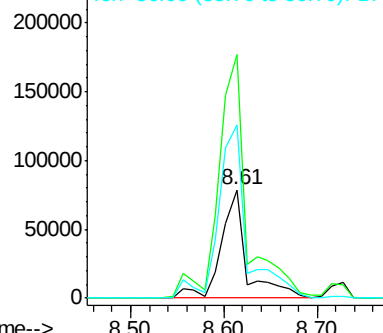
56 160.4 165.6 205.6#

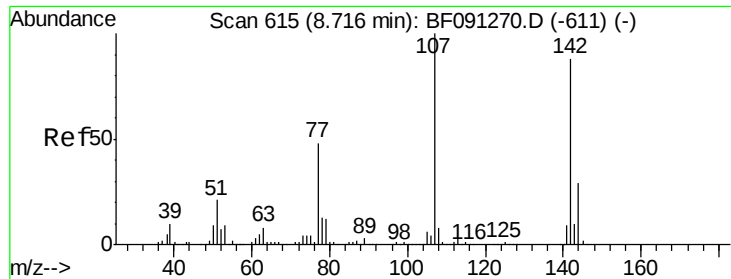


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

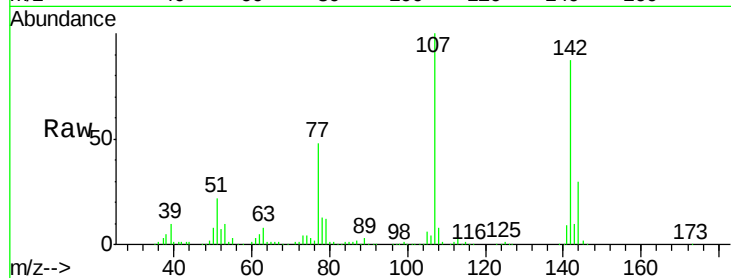




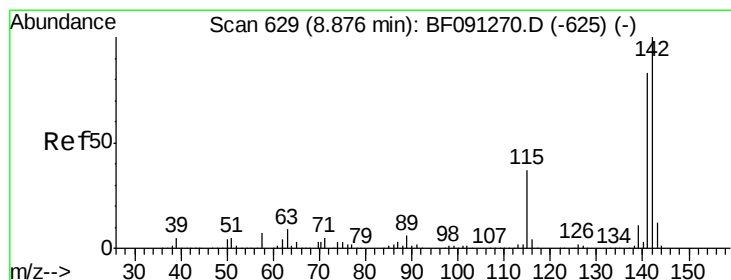
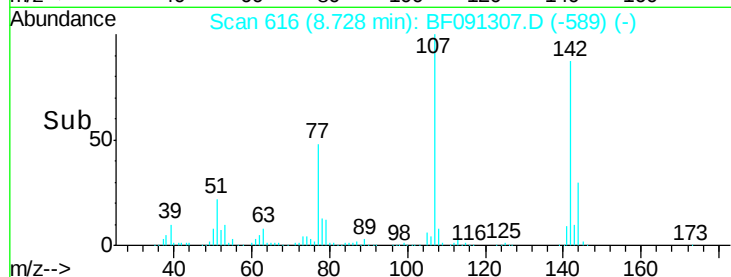
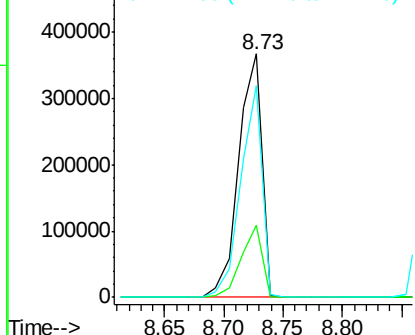
#36
 4-Chloro-3-methylphenol
 Concen: 24.11 ng
 RT: 8.73 min Scan# 616
 Delta R.T. 0.01 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BSD

Tgt Ion:107 Resp: 501536
 Ion Ratio Lower Upper
 107 100
 144 29.6 18.9 28.3#
 142 86.9 58.5 87.7

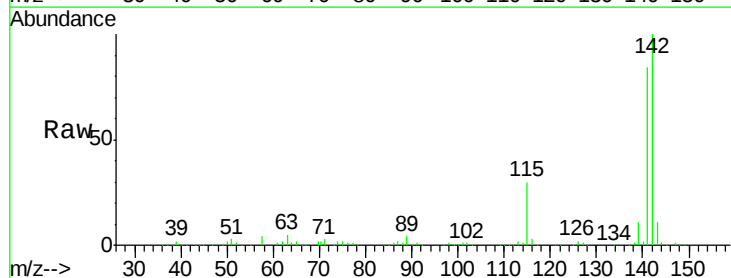


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

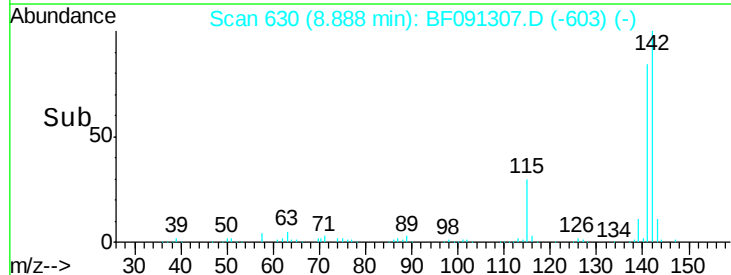
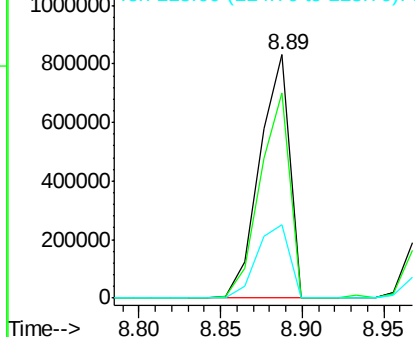


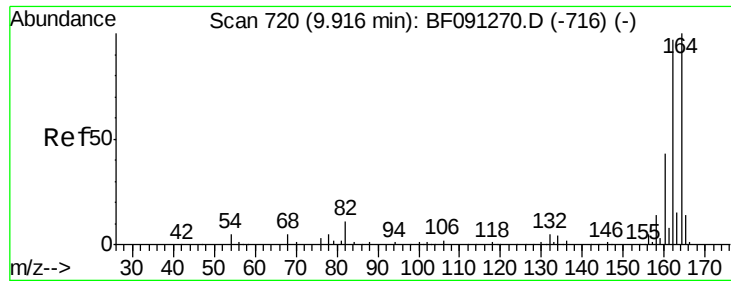
#37
 2-Methylnaphthalene
 Concen: 22.61 ng
 RT: 8.89 min Scan# 630
 Delta R.T. 0.01 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Tgt Ion:142 Resp: 1057091
 Ion Ratio Lower Upper
 142 100
 141 84.1 71.7 107.5
 115 29.9 25.0 37.6



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

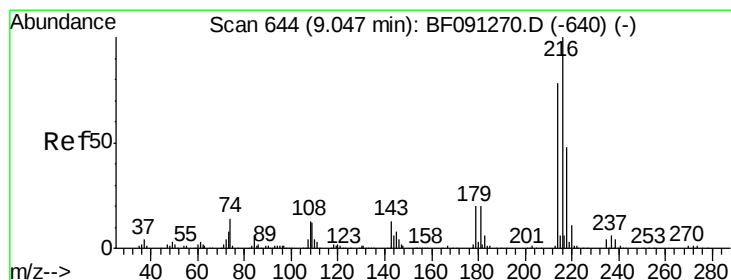
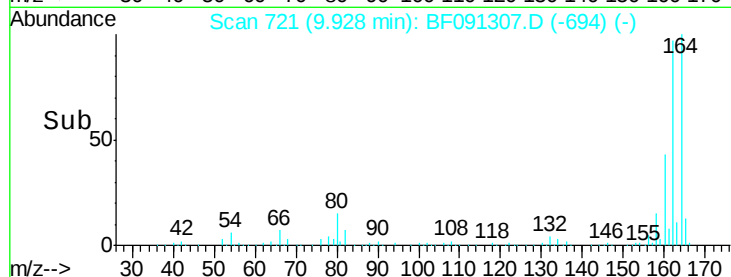
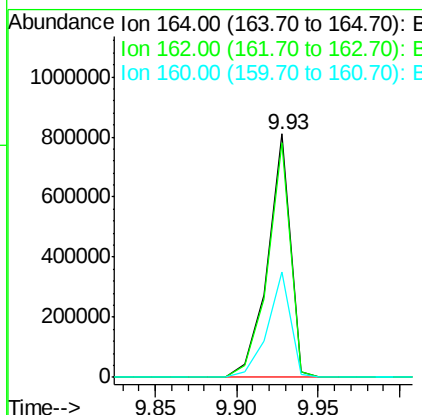
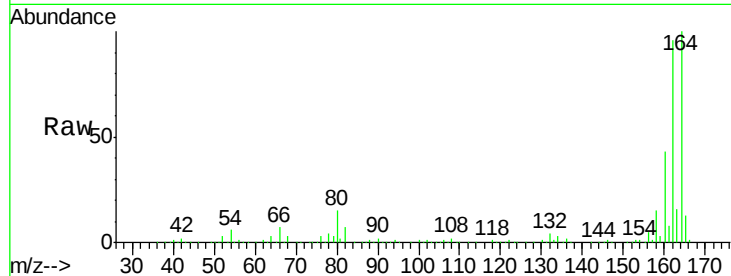




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 721
 Delta R.T. 0.01 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

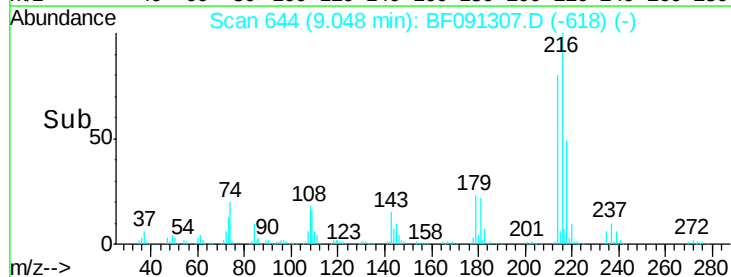
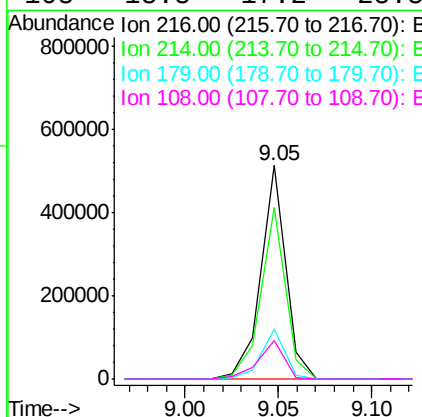
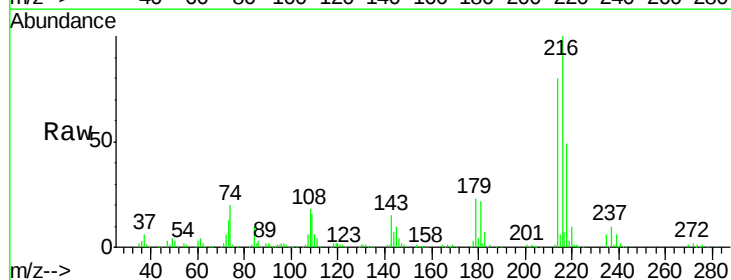
Instrument :
 BNA_F
 ClientSampleId :
 PB94898BSD

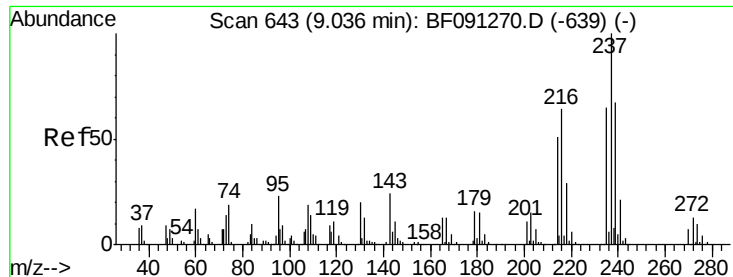
Tgt Ion:164 Resp: 789491
 Ion Ratio Lower Upper
 164 100
 162 96.4 82.6 124.0
 160 43.2 36.7 55.1



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 22.16 ng
 RT: 9.05 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Tgt Ion:216 Resp: 474158
 Ion Ratio Lower Upper
 216 100
 214 79.4 63.8 95.8
 179 22.2 18.2 27.2
 108 18.8 17.2 25.8

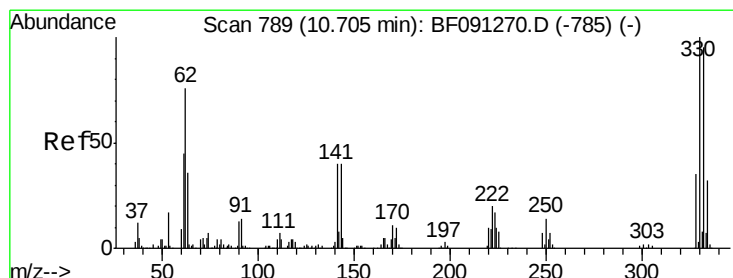
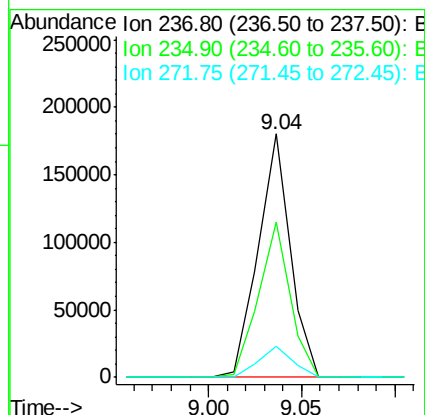
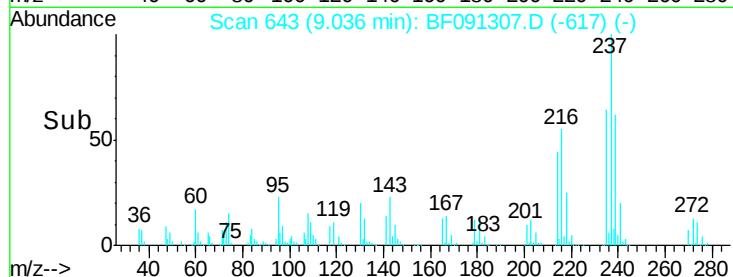
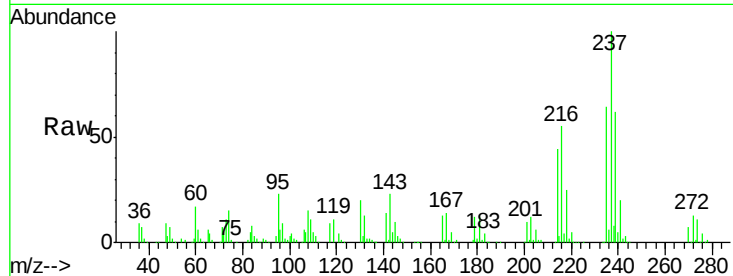




#40
Hexachlorocyclopentadiene
Concen: 22.34 ng
RT: 9.04 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

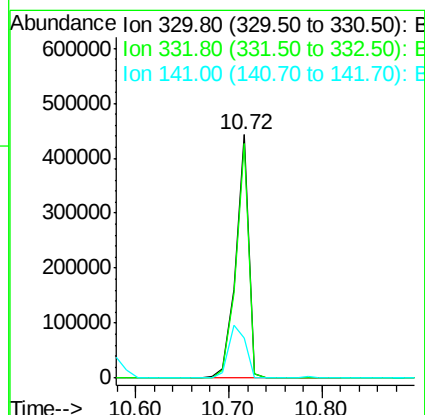
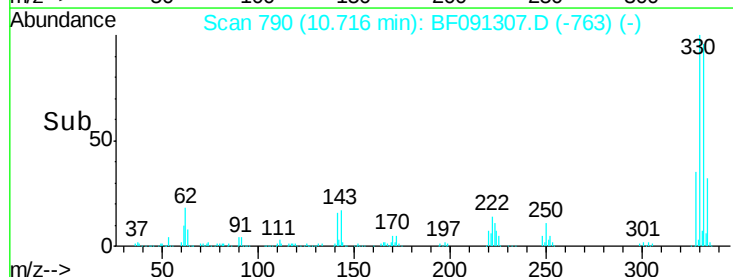
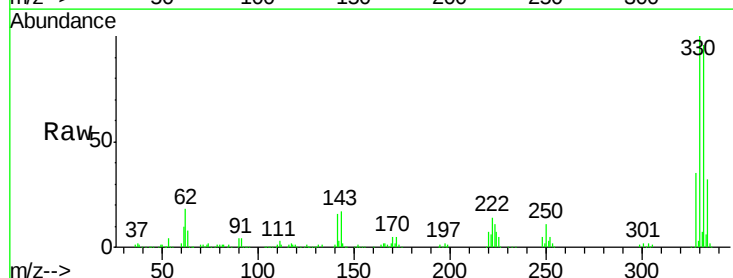
Instrument :
BNA_F
ClientSampleId :
PB94898BSD

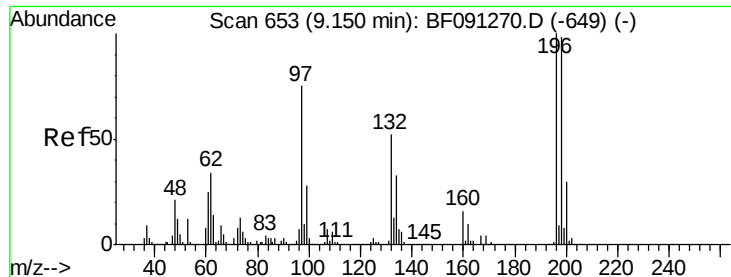
Tgt Ion: 237 Resp: 213962
Ion Ratio Lower Upper
237 100
235 64.0 43.9 83.9
272 12.7 0.0 33.1



#41
2,4,6-Tribromophenol
Concen: 54.66 ng
RT: 10.72 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Tgt Ion: 330 Resp: 435194
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 28.9 33.6 50.4#





#42

2,4,6-Trichlorophenol

Concen: 23.96 ng

RT: 9.16 min Scan# 654

Delta R.T. 0.01 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

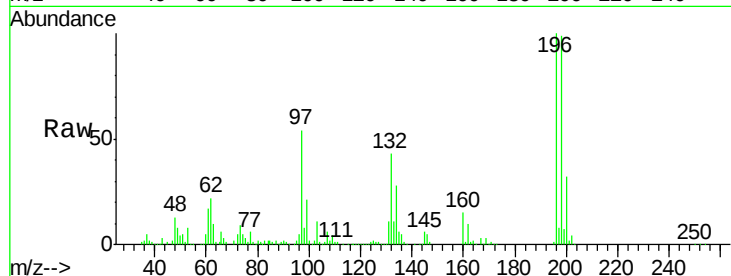
Tgt Ion:196 Resp: 353544

Ion Ratio Lower Upper

196 100

198 99.1 77.4 116.0

200 32.2 25.2 37.8

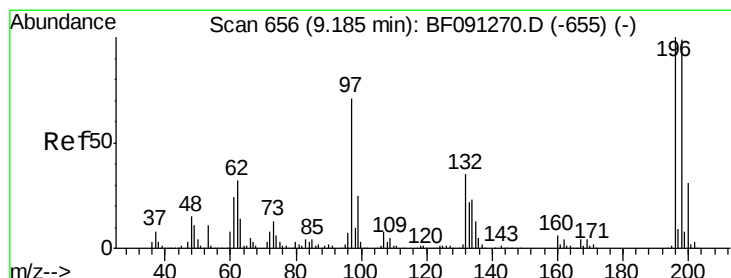
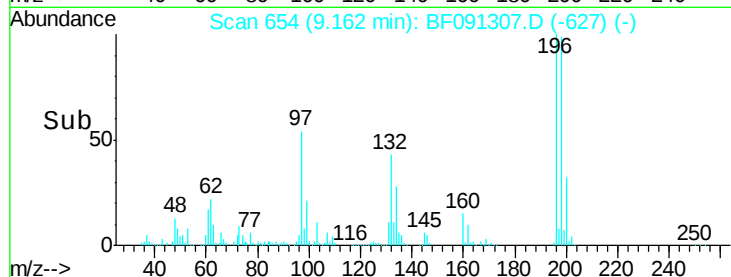
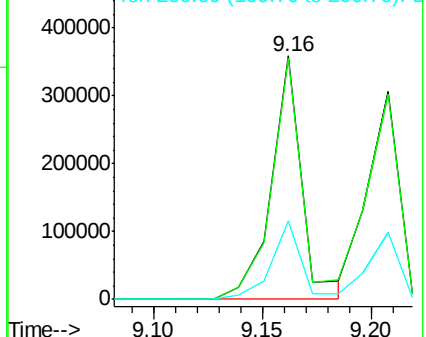


Abundance

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: 21.74 ng

RT: 9.21 min Scan# 658

Delta R.T. 0.02 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Tgt Ion:196 Resp: 308189

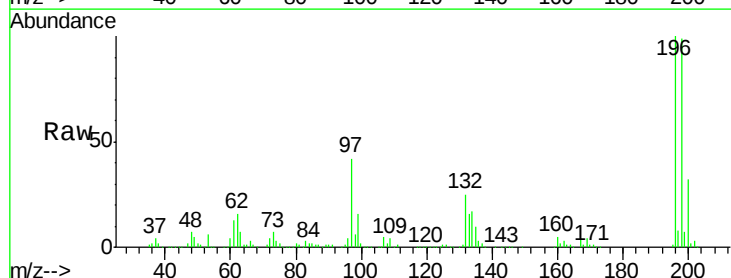
Ion Ratio Lower Upper

196 100

198 98.9 77.0 115.6

97 42.0 33.5 50.3

132 25.3 20.5 30.7



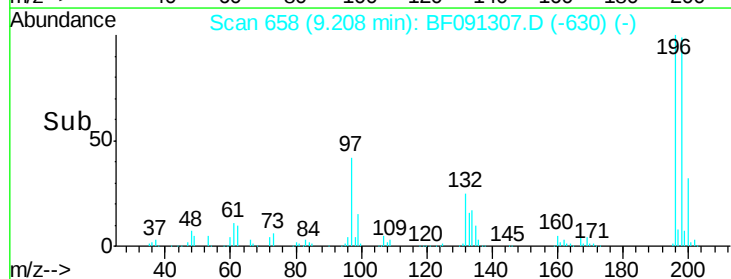
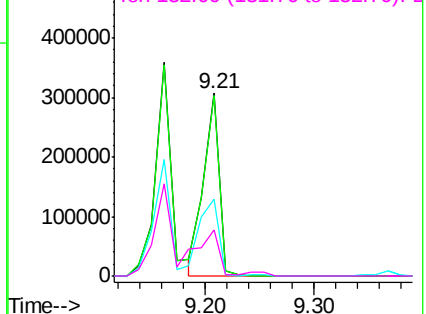
Abundance

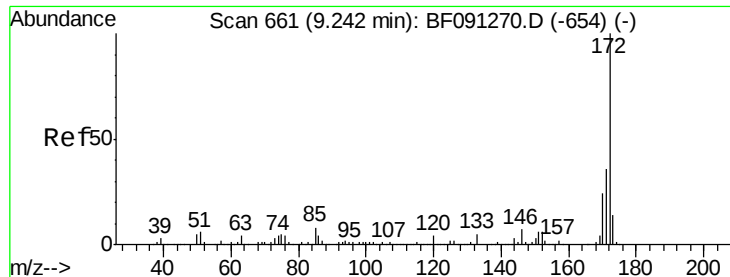
Ion 196.00 (195.70 to 196.70): E

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: 44.69 ng

RT: 9.25 min Scan# 662

Delta R.T. 0.01 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

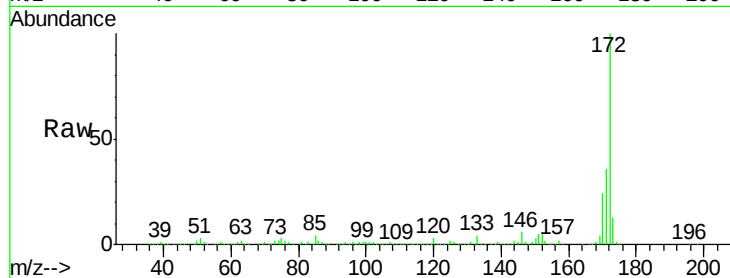
Tgt Ion:172 Resp: 2154823

Ion Ratio Lower Upper

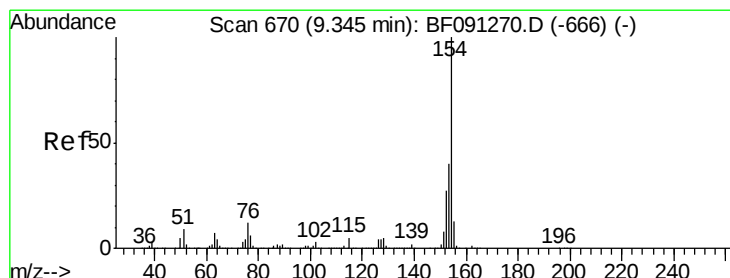
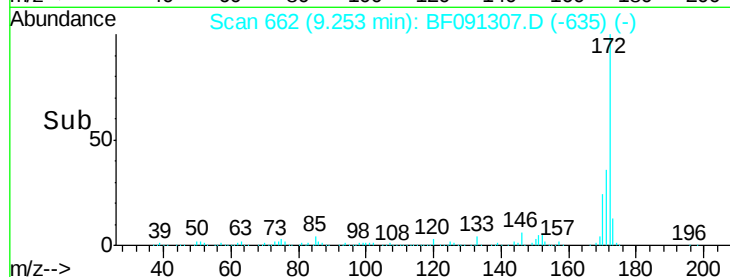
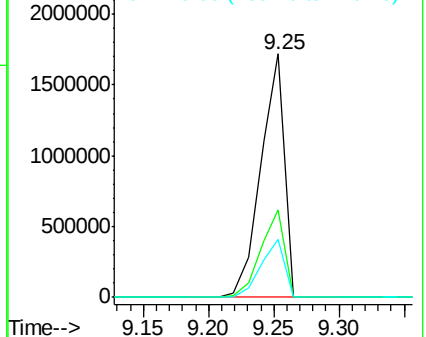
172 100

171 35.8 29.4 44.0

170 24.0 19.7 29.5



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: 20.29 ng

RT: 9.34 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

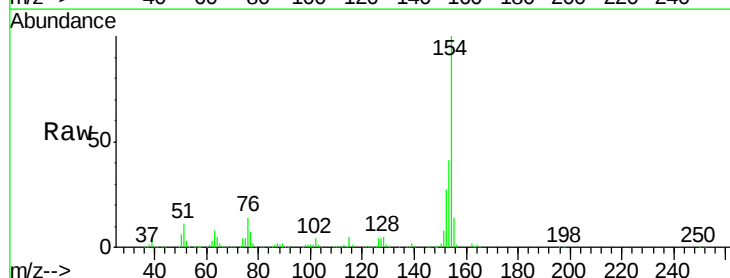
Tgt Ion:154 Resp: 1154885

Ion Ratio Lower Upper

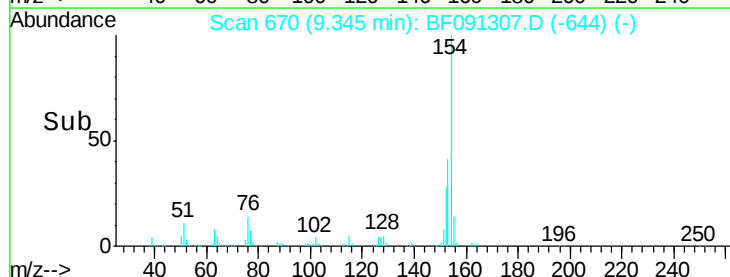
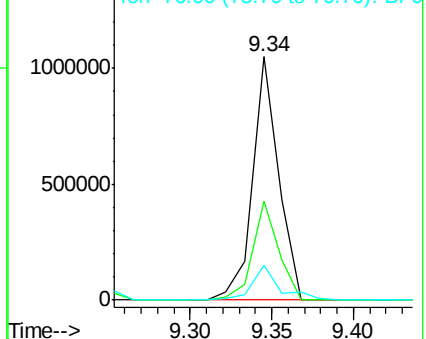
154 100

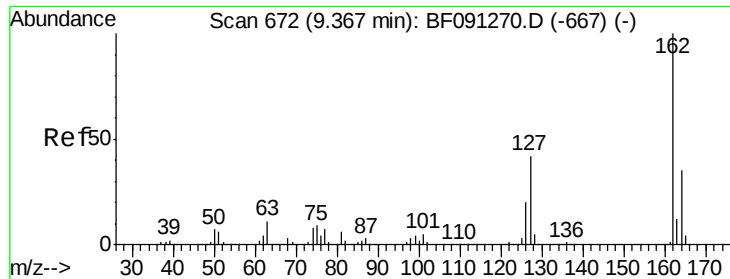
153 40.6 20.6 60.6

76 14.1 0.0 36.6



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

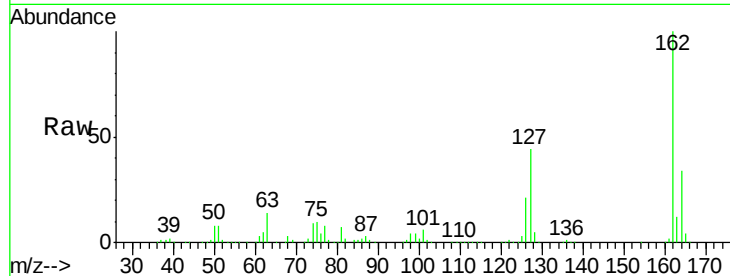




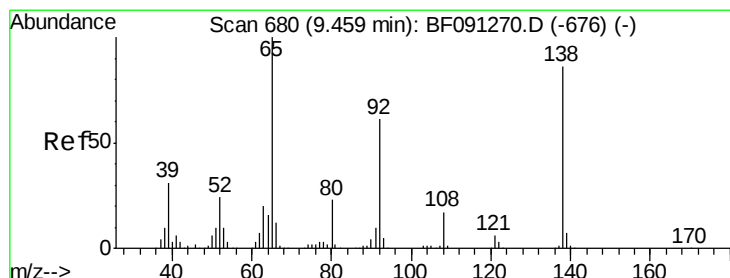
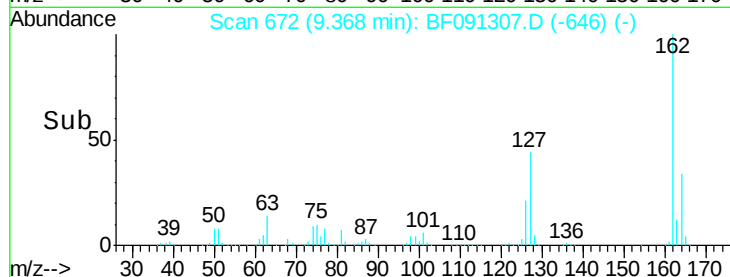
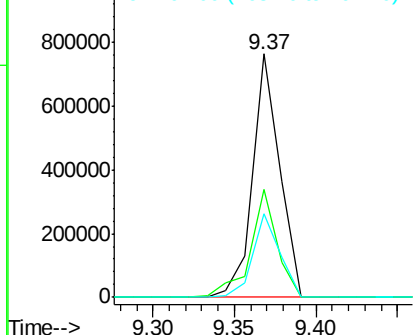
#46
 2-Chloronaphthalene
 Concen: 21.00 ng
 RT: 9.37 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BSD

Tgt Ion: 162 Resp: 875550
 Ion Ratio Lower Upper
 162 100
 127 44.4 34.3 51.5
 164 34.2 26.6 40.0

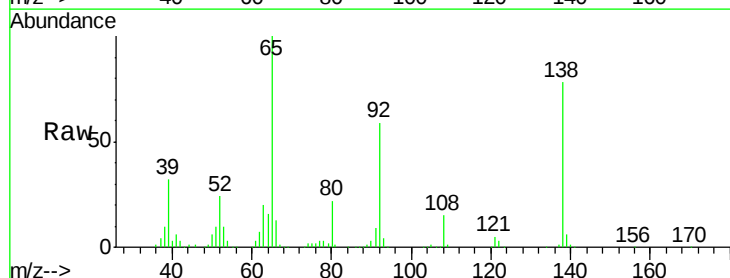


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

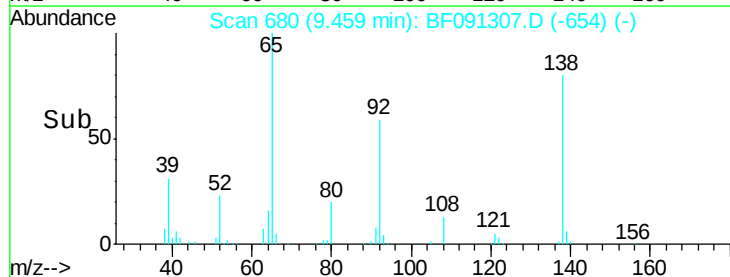
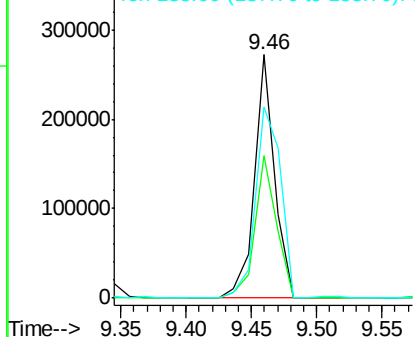


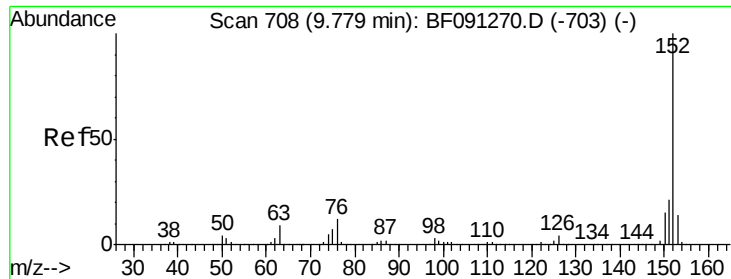
#47
 2-Nitroaniline
 Concen: 20.71 ng
 RT: 9.46 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Tgt Ion: 65 Resp: 293058
 Ion Ratio Lower Upper
 65 100
 92 58.6 53.6 80.4
 138 78.4 91.0 136.6#



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 21.74 ng

RT: 9.79 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

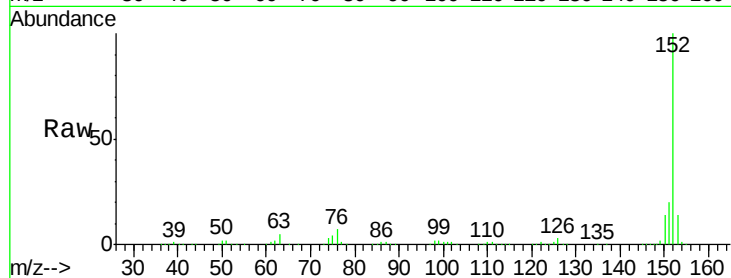
Tgt Ion:152 Resp: 1452651

Ion Ratio Lower Upper

152 100

151 20.3 16.6 24.8

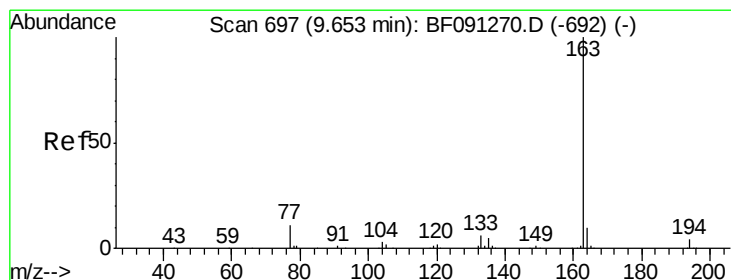
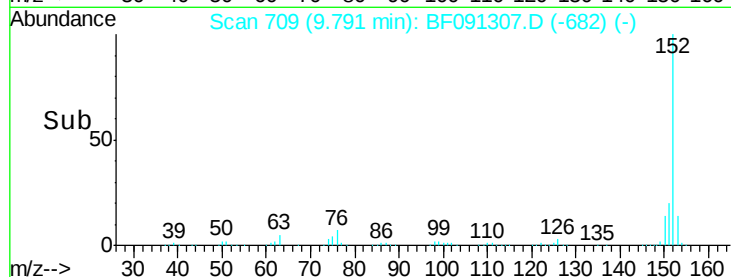
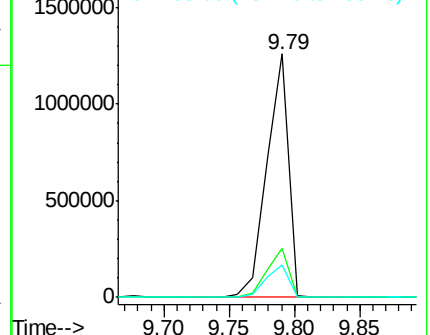
153 13.5 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 23.87 ng

RT: 9.65 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

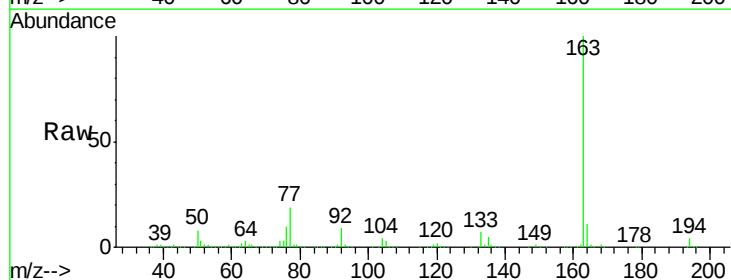
Tgt Ion:163 Resp: 1176764

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

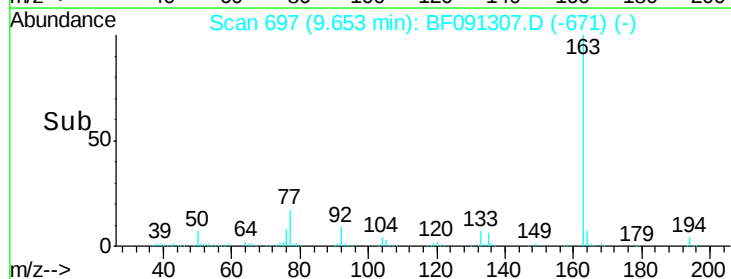
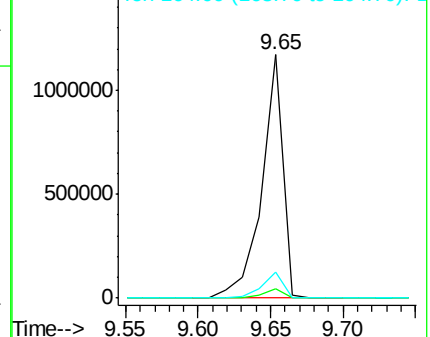
164 10.7 7.8 11.8

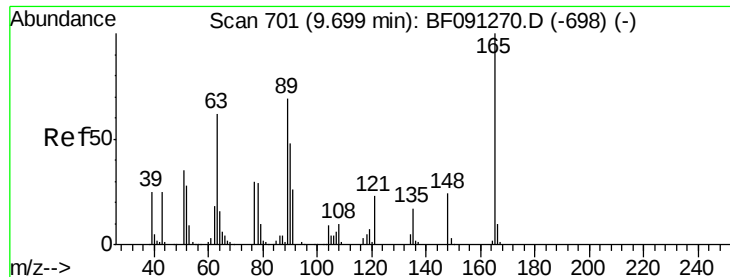


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

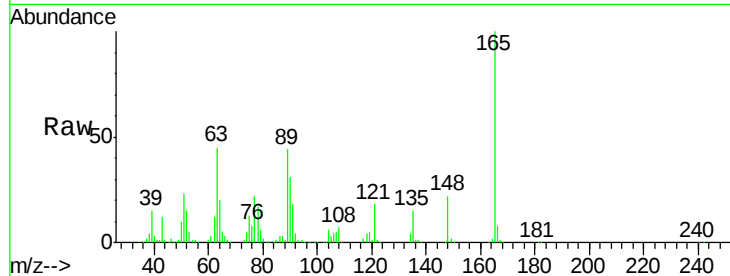




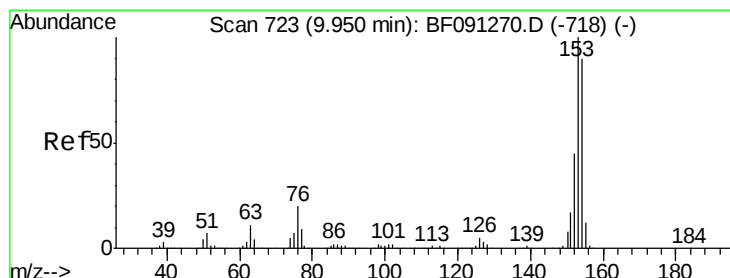
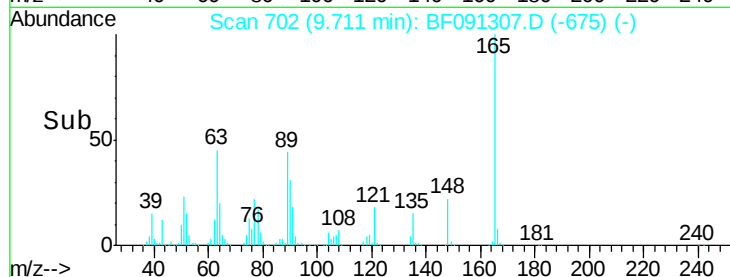
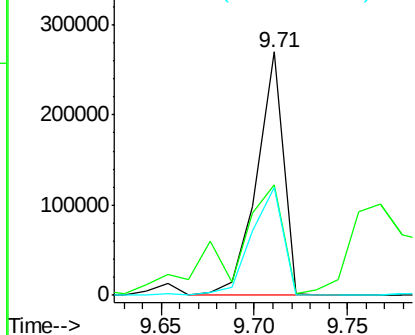
#50
2,6-Dinitrotoluene
Concen: 24.65 ng
RT: 9.71 min Scan# 702
Delta R.T. 0.01 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Instrument :
BNA_F
ClientSampleId :
PB94898BSD

Tgt Ion:165 Resp: 265432
Ion Ratio Lower Upper
165 100
63 45.3 59.4 89.0#
89 44.3 50.8 76.2#

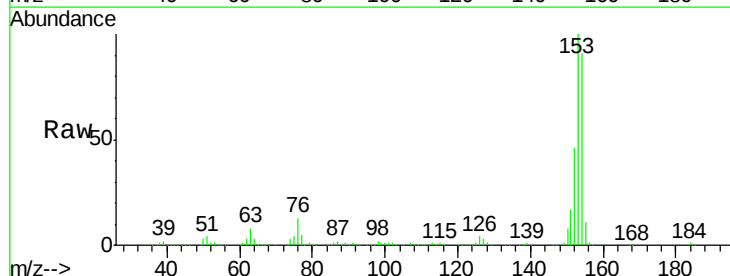


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

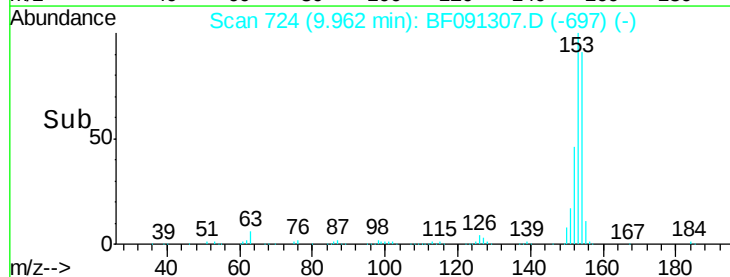
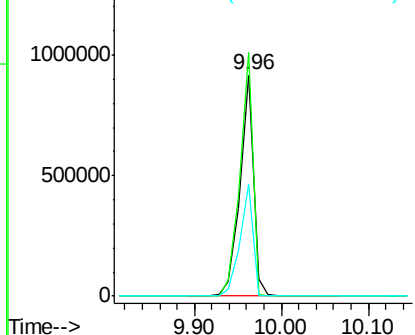


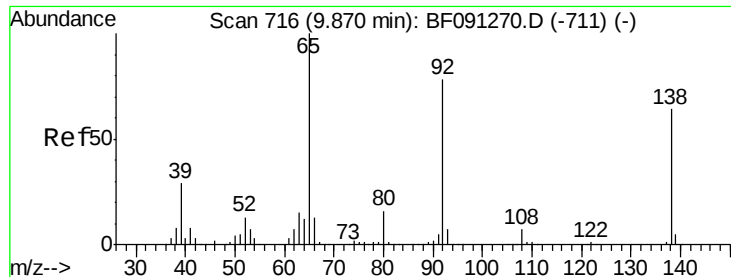
#51
Acenaphthene
Concen: 21.55 ng
RT: 9.96 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Tgt Ion:154 Resp: 980051
Ion Ratio Lower Upper
154 100
153 110.4 91.0 136.6
152 50.8 44.2 66.2



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

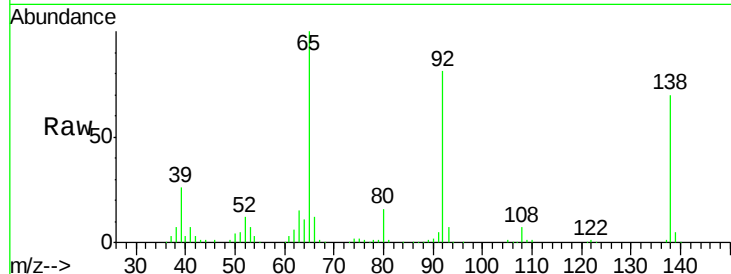




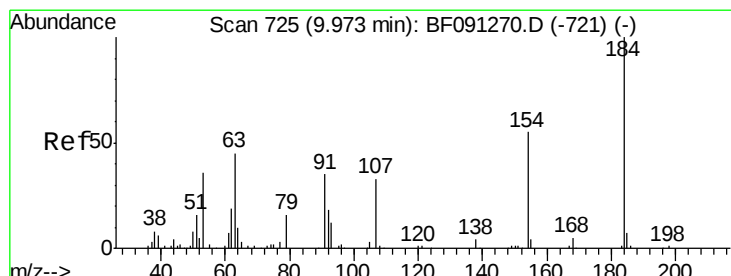
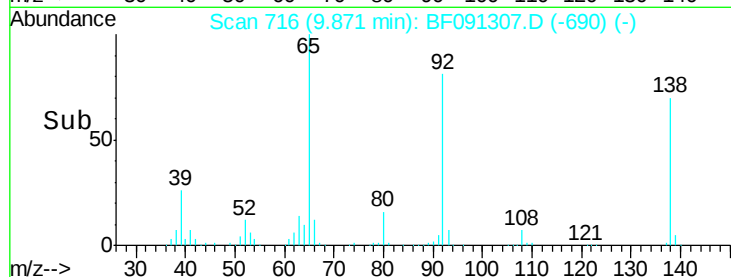
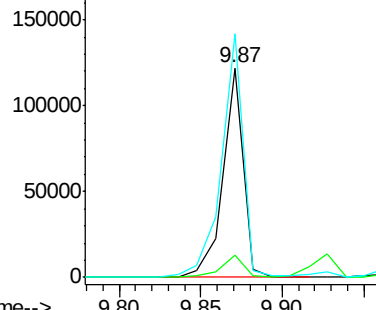
#52
3-Nitroaniline
Concen: 9.14 ng
RT: 9.87 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Instrument :
BNA_F
ClientSampleId :
PB94898BSD

Tgt Ion:138 Resp: 105852
Ion Ratio Lower Upper
138 100
108 10.7 8.1 12.1
92 116.4 92.5 138.7

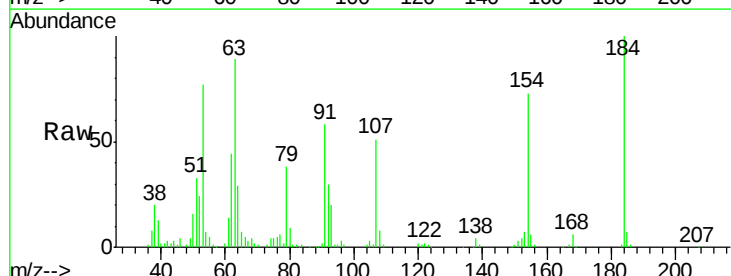


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

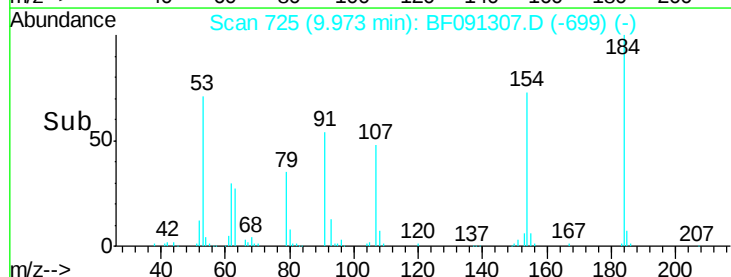
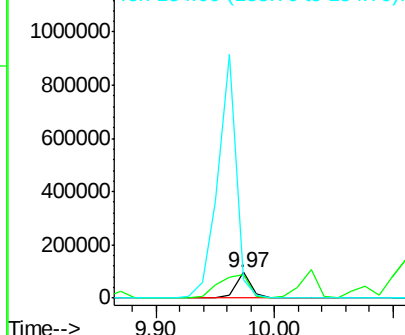


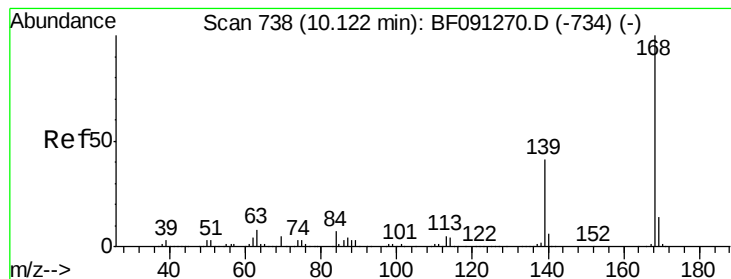
#53
2,4-Dinitrophenol
Concen: 25.50 ng
RT: 9.97 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Tgt Ion:184 Resp: 86666
Ion Ratio Lower Upper
184 100
63 89.1 58.3 87.5#
154 73.1 48.6 73.0#



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: 21.26 ng

RT: 10.13 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

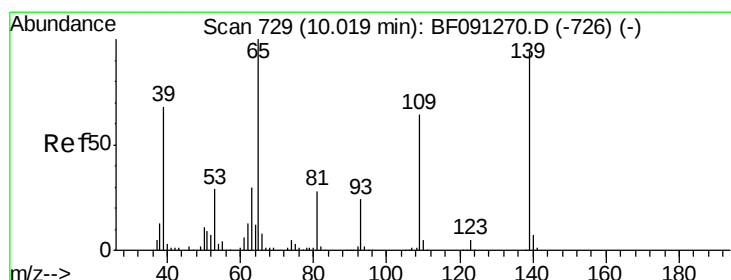
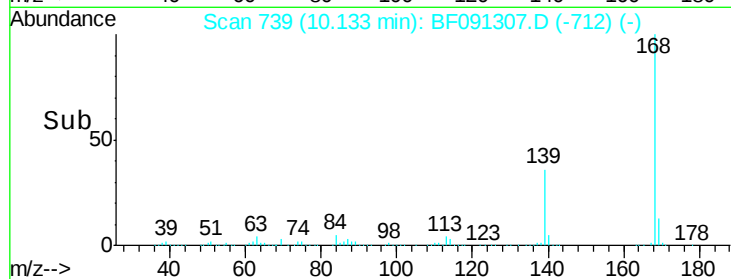
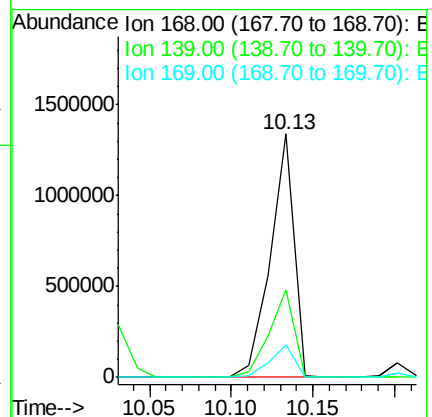
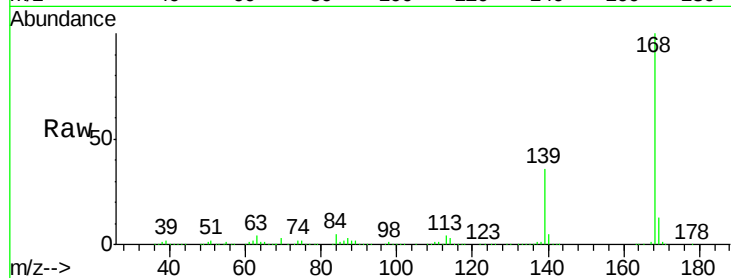
Tgt Ion:168 Resp: 1360046

Ion Ratio Lower Upper

168 100

139 36.0 33.4 50.2

169 13.4 11.1 16.7



#55

4-Nitrophenol

Concen: 36.75 ng

RT: 10.03 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

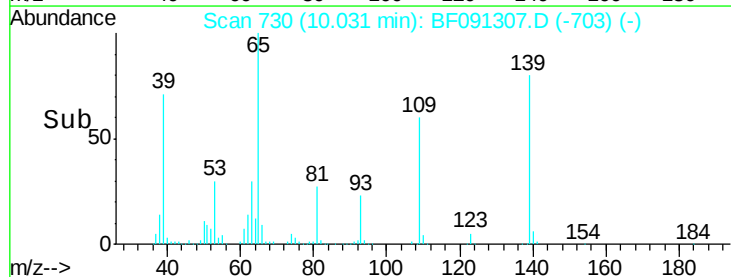
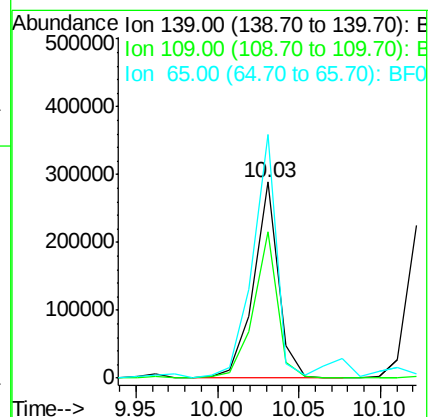
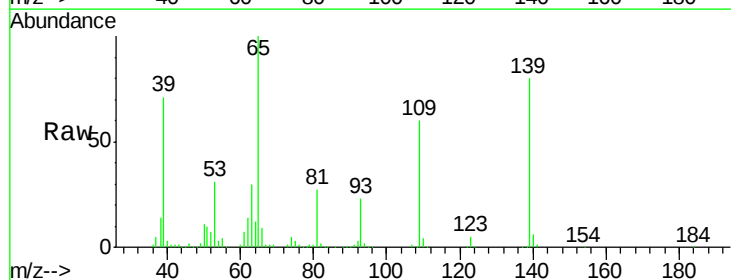
Tgt Ion:139 Resp: 306855

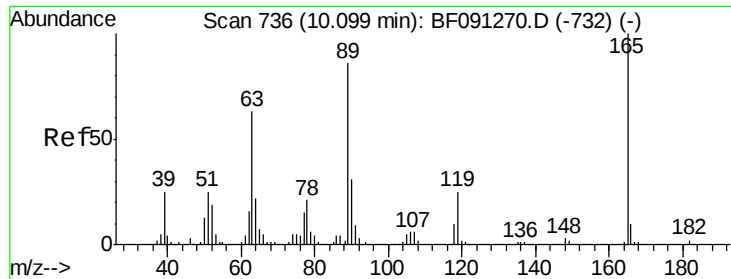
Ion Ratio Lower Upper

139 100

109 74.9 54.9 94.9

65 124.4 102.2 142.2

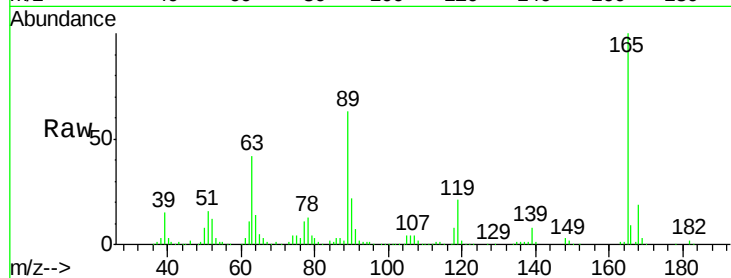




#56
2,4-Dinitrotoluene
Concen: 24.45 ng
RT: 10.11 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Instrument :
BNA_F
ClientSampleId :
PB94898BSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.6	29.0	43.4
89	62.5	43.1	64.7
182	2.3	1.9	2.9

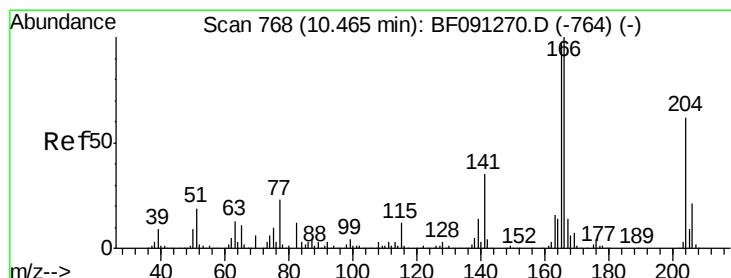
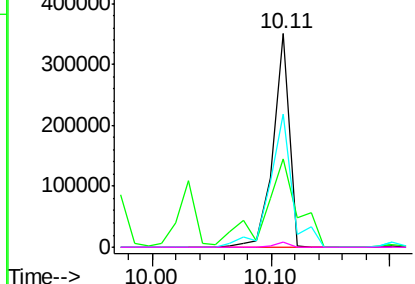
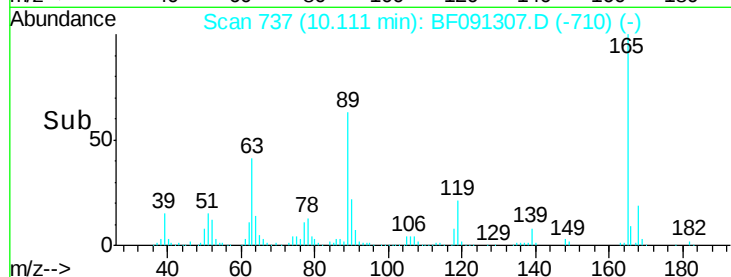


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

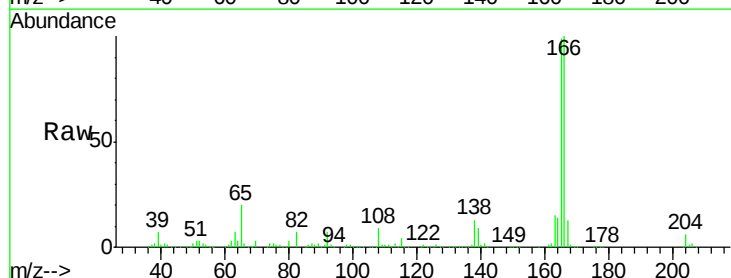
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 19.75 ng
RT: 10.48 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

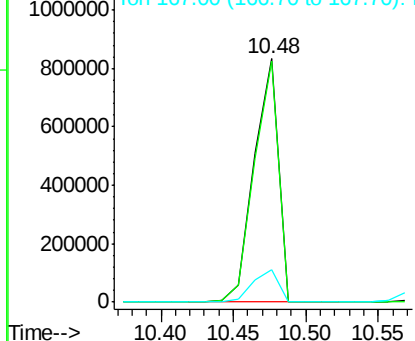
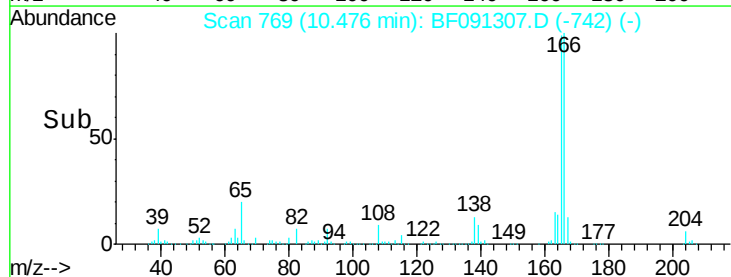
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.0	120.0
167	13.2	10.8	16.2

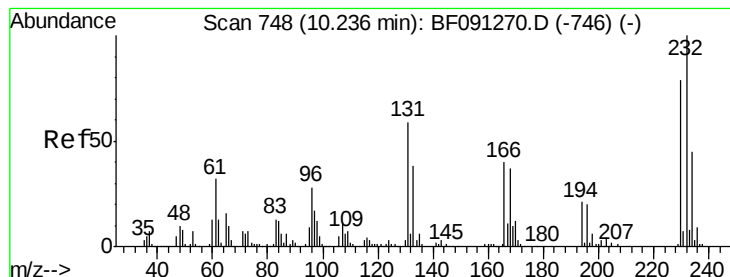


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 21.22 ng

RT: 10.25 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

Tgt Ion:232 Resp: 264495

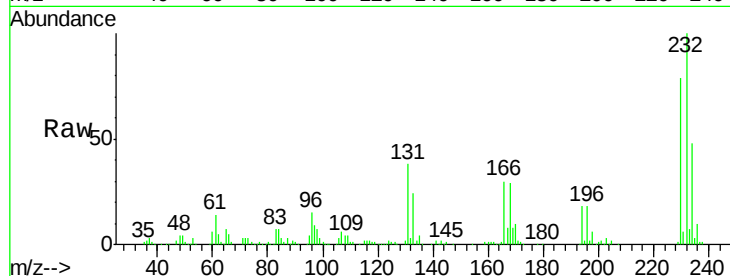
Ion Ratio Lower Upper

232 100

131 43.4 38.4 57.6

130 2.2 1.8 2.8

166 32.0 23.9 35.9

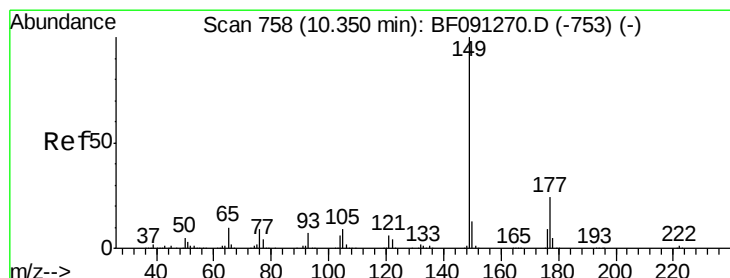
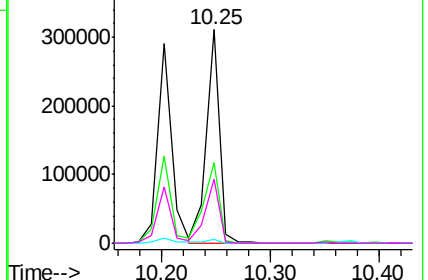
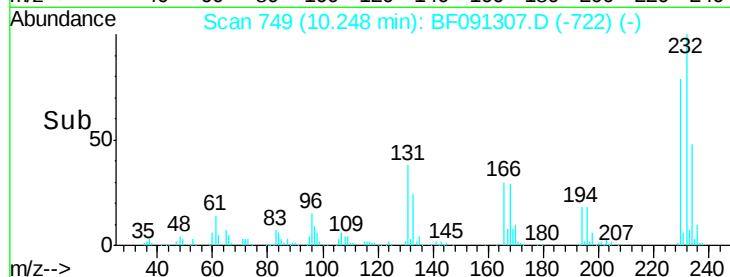


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 22.04 ng

RT: 10.35 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

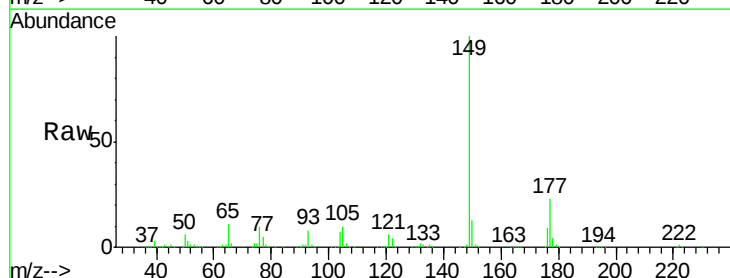
Tgt Ion:149 Resp: 1093166

Ion Ratio Lower Upper

149 100

177 22.5 15.7 23.5

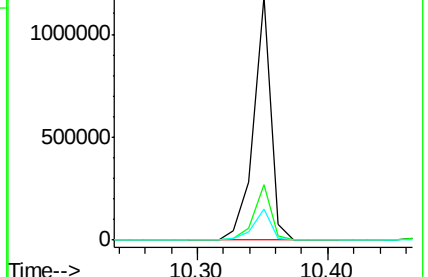
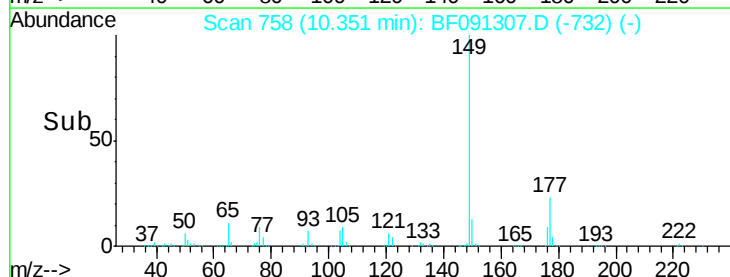
150 12.8 10.2 15.2

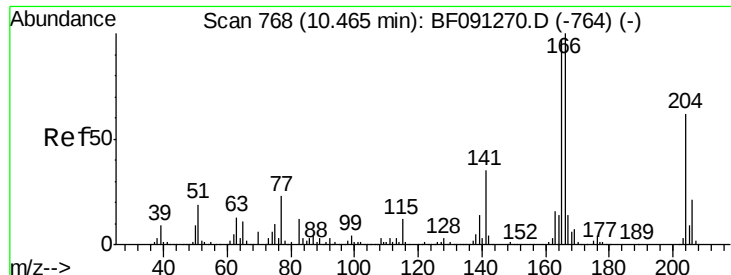


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

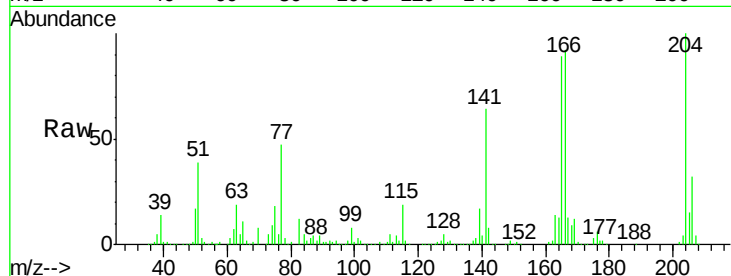




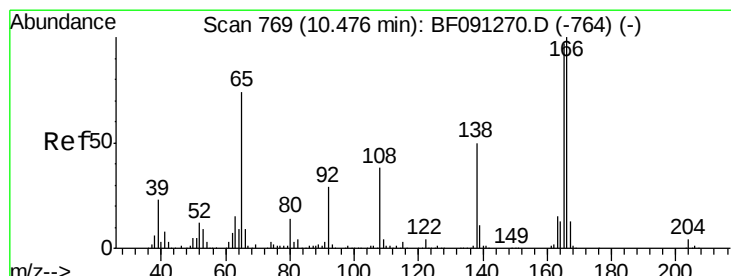
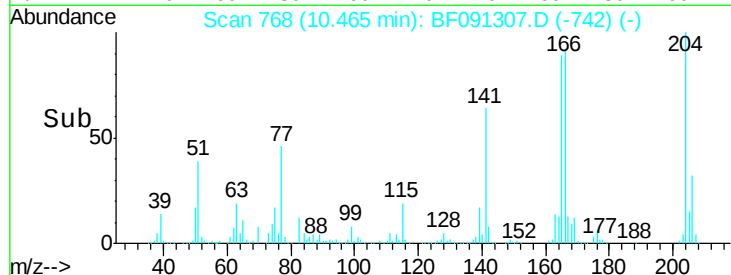
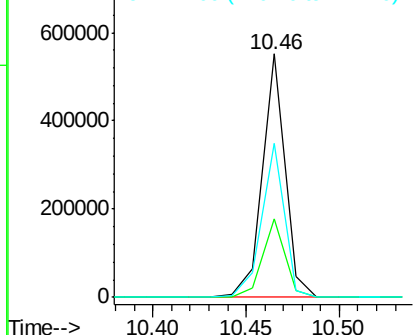
#60
 4-Chlorophenyl-phenylether
 Concen: 20.35 ng
 RT: 10.46 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BSD

Tgt Ion:204 Resp: 458868
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.1 39.1
 141 63.5 40.6 61.0#

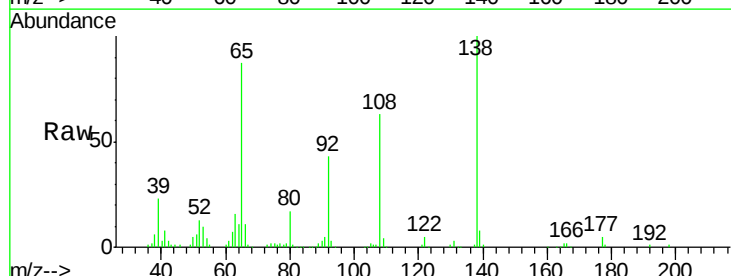


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

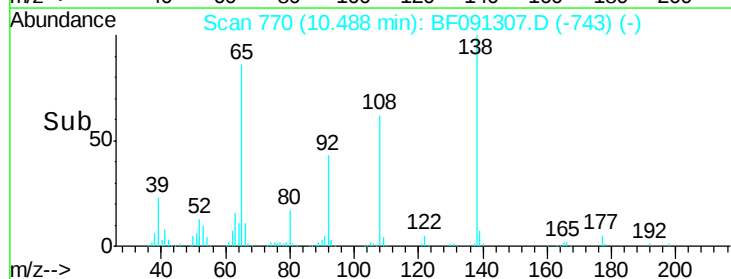
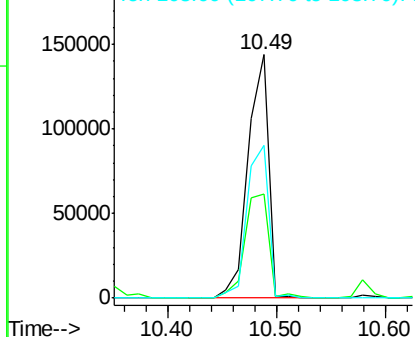


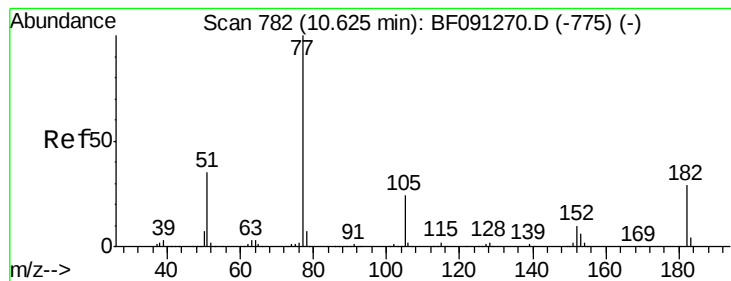
#61
 4-Nitroaniline
 Concen: 17.49 ng
 RT: 10.49 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Tgt Ion:138 Resp: 188927
 Ion Ratio Lower Upper
 138 100
 92 42.8 26.9 66.9
 108 62.6 49.1 89.1



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: 22.68 ng

RT: 10.62 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

Tgt Ion: 77 Resp: 1141067

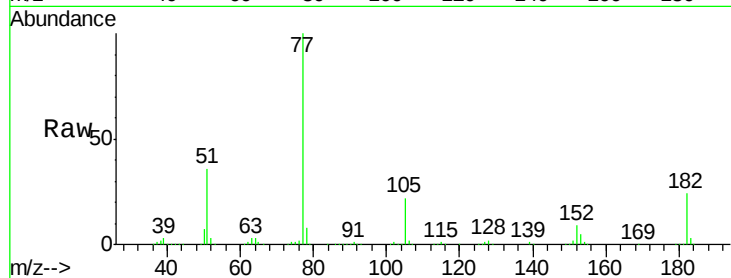
Ion Ratio Lower Upper

77 100

182 23.9 12.5 52.5

105 22.4 3.7 43.7

51 36.3 11.9 51.9

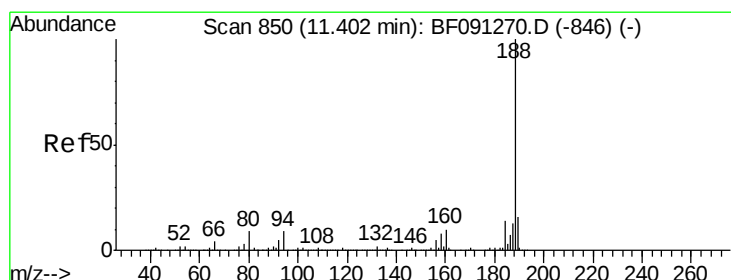
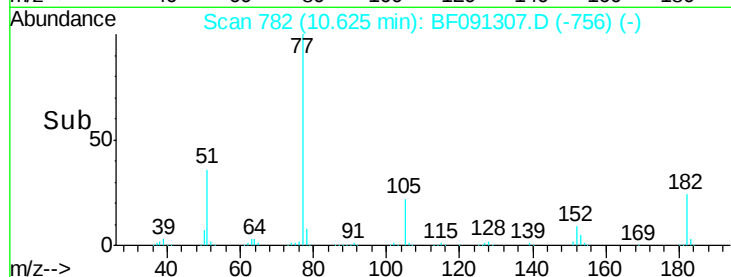
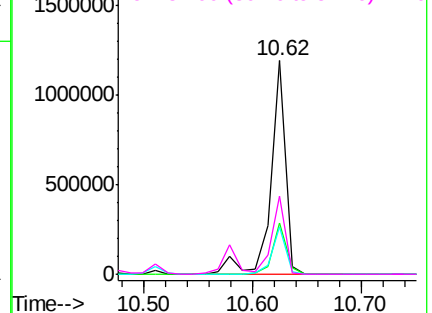


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.40 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

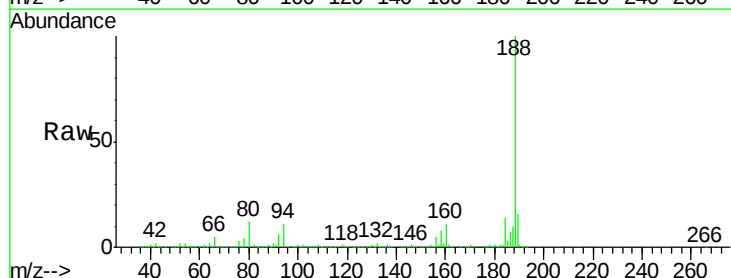
Tgt Ion: 188 Resp: 1057162

Ion Ratio Lower Upper

188 100

94 10.9 9.2 13.8

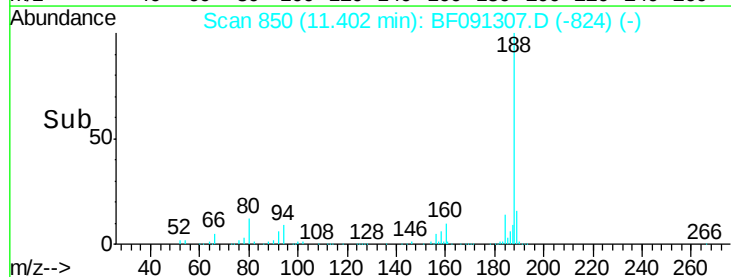
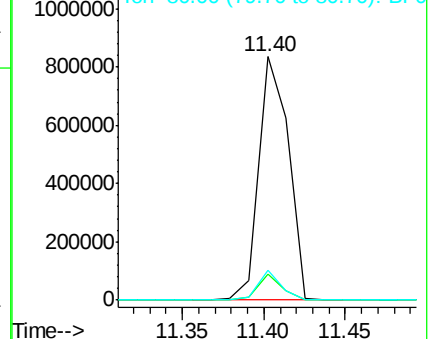
80 12.1 10.5 15.7

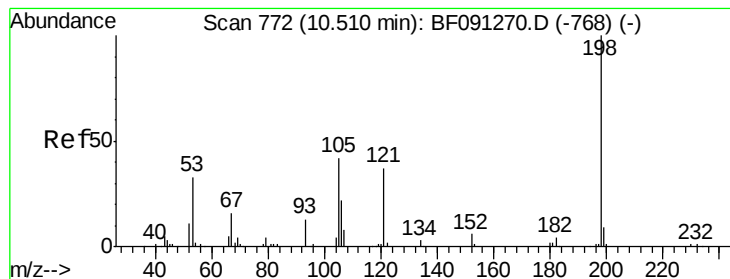


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.87 ng

RT: 10.51 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

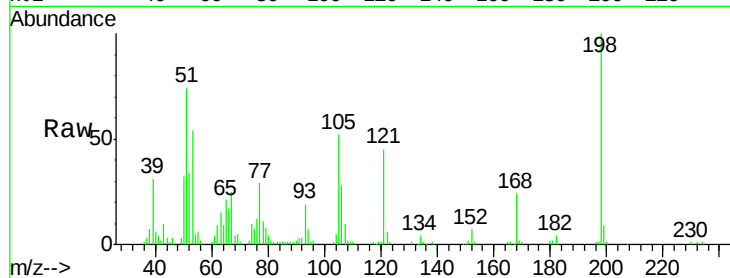
Tgt Ion:198 Resp: 71284

Ion Ratio Lower Upper

198 100

51 73.8 77.1 117.1#

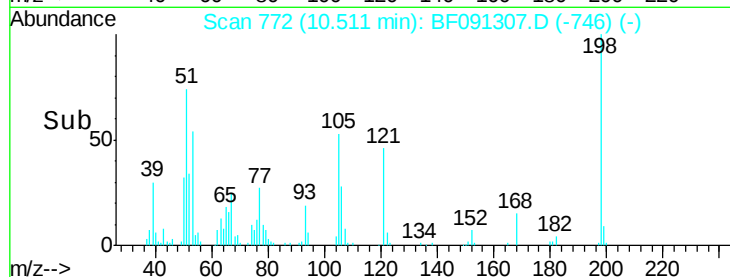
105 52.3 44.8 84.8



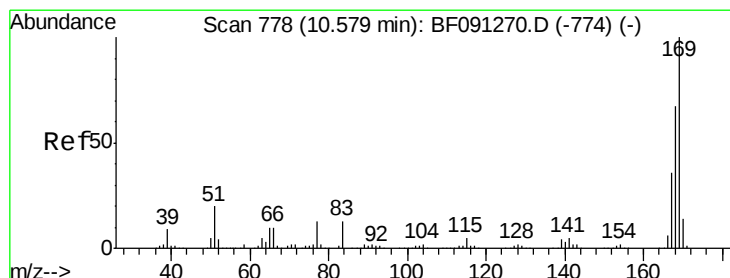
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->



#65

n-Nitrosodiphenylamine

Concen: 25.79 ng

RT: 10.58 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

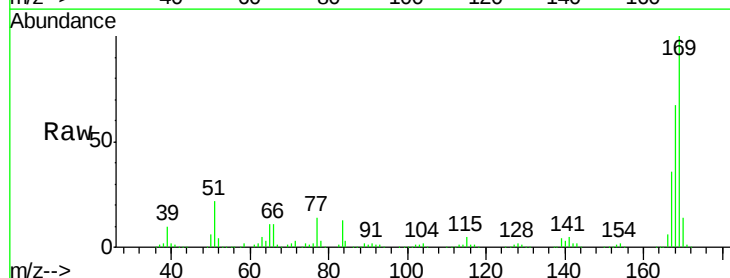
Tgt Ion:169 Resp: 827704

Ion Ratio Lower Upper

169 100

168 66.8 53.8 80.8

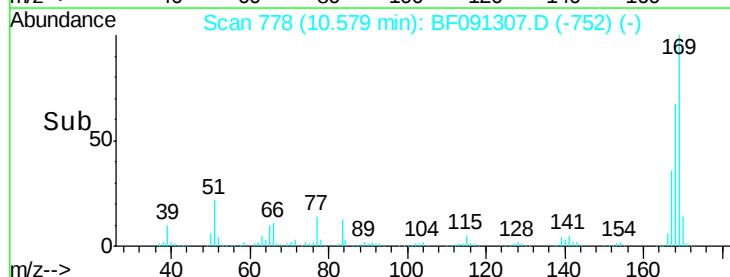
167 36.4 29.8 44.8



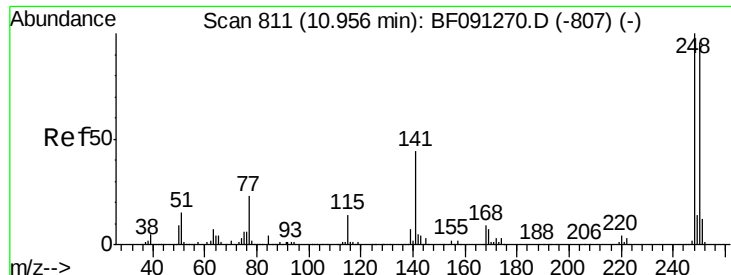
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



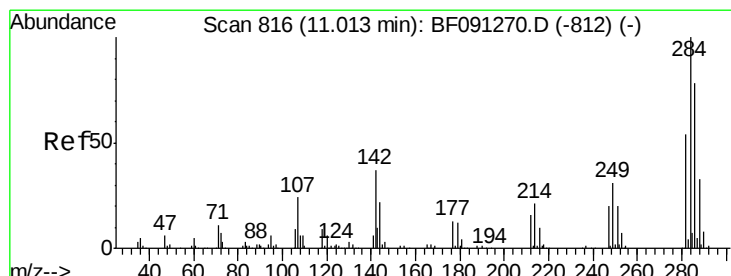
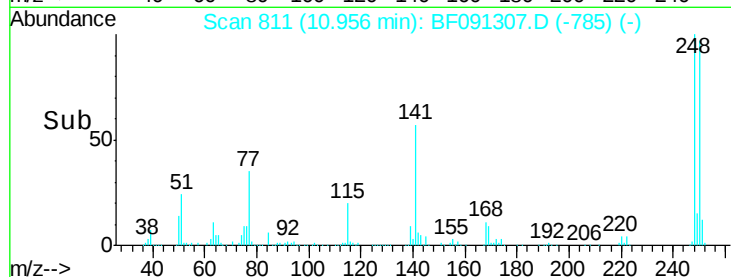
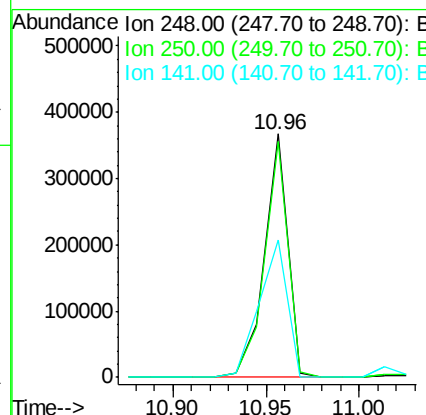
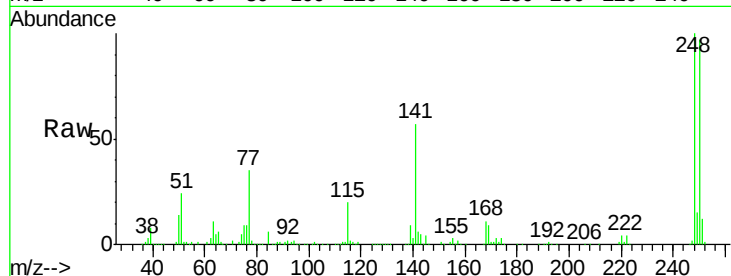
Time-->



#66
 4-Bromophenyl-phenylether
 Concen: 27.31 ng
 RT: 10.96 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

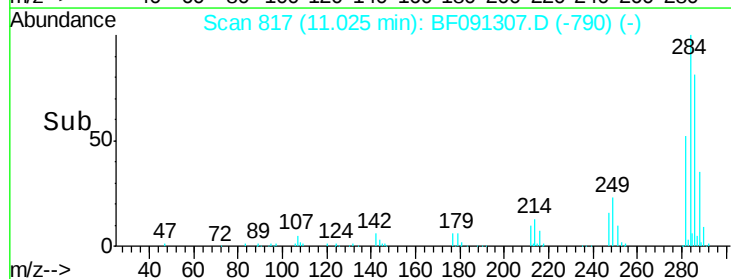
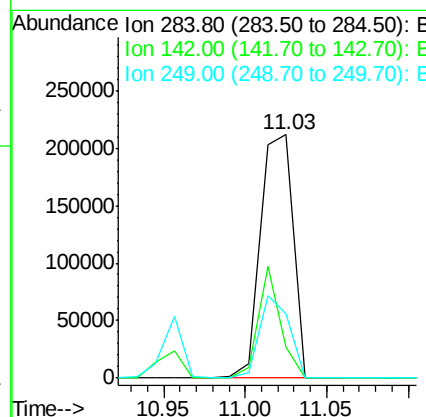
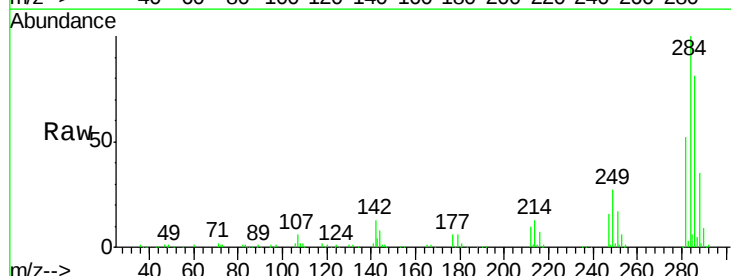
Instrument :
 BNA_F
 ClientSampleId :
 PB94898BSD

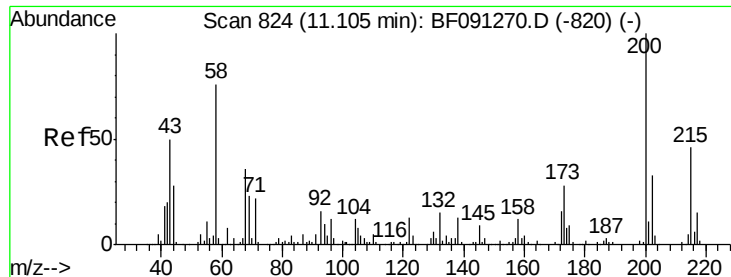
Tgt Ion:248 Resp: 315617
 Ion Ratio Lower Upper
 248 100
 250 96.9 78.2 117.4
 141 56.6 71.9 107.9#



#67
 Hexachlorobenzene
 Concen: 23.21 ng
 RT: 11.03 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Tgt Ion:284 Resp: 293996
 Ion Ratio Lower Upper
 284 100
 142 12.9 17.9 26.9#
 249 26.7 23.6 35.4

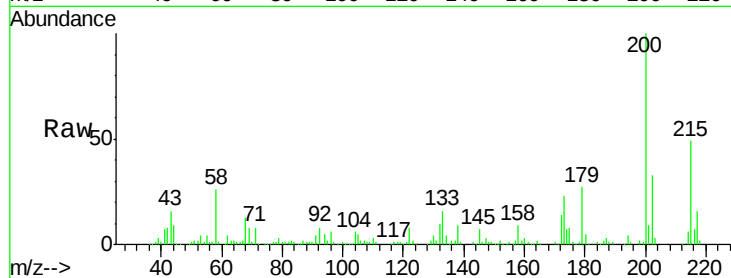




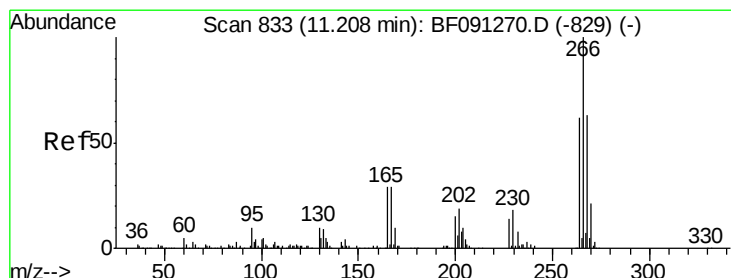
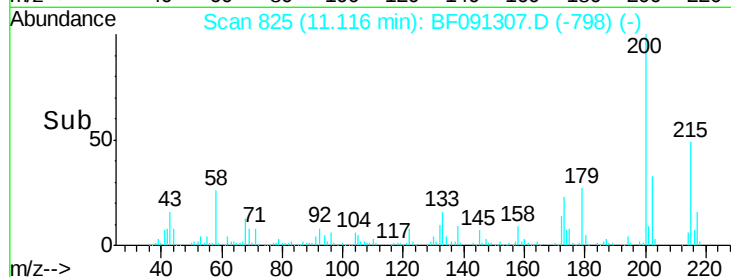
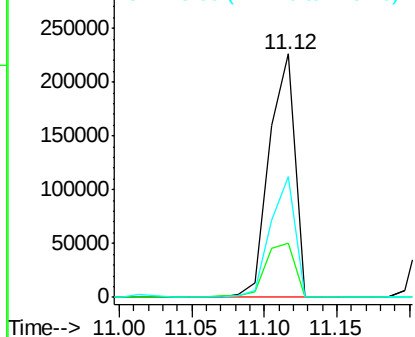
#68
Atrazine
Concen: 27.82 ng
RT: 11.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Instrument :
BNA_F
ClientSampleId :
PB94898BSD

Tgt Ion:200 Resp: 276757
Ion Ratio Lower Upper
200 100
173 22.5 7.8 47.8
215 49.4 24.3 64.3

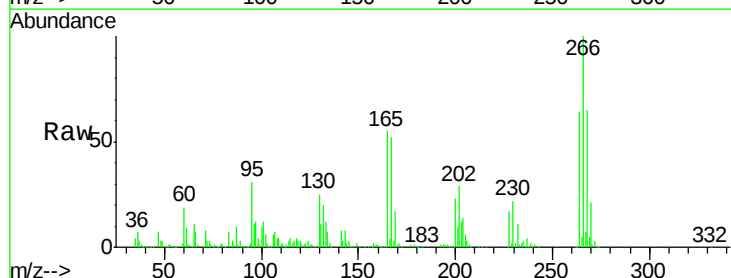


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

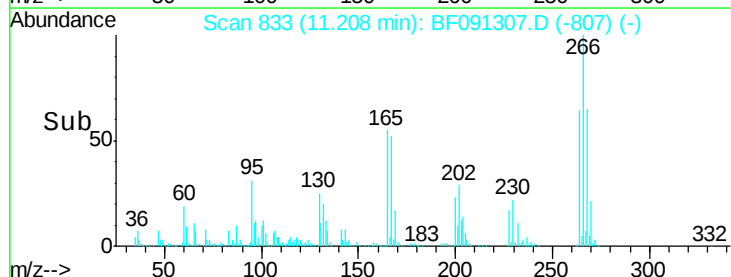
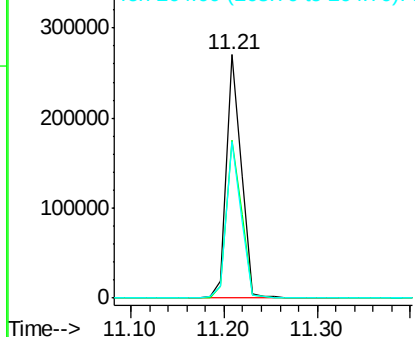


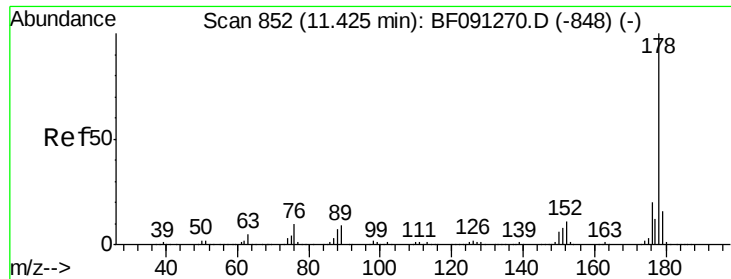
#69
Pentachlorophenol
Concen: 40.14 ng
RT: 11.21 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Tgt Ion:266 Resp: 300819
Ion Ratio Lower Upper
266 100
268 64.7 50.3 75.5
264 64.4 48.2 72.2



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

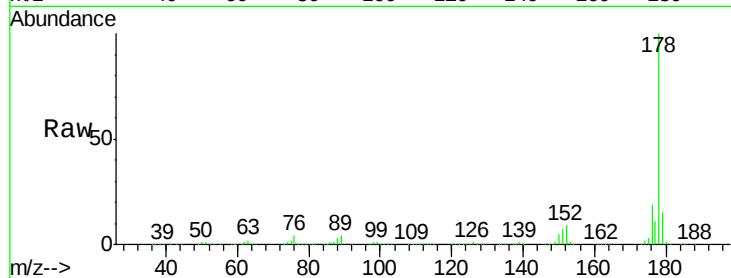




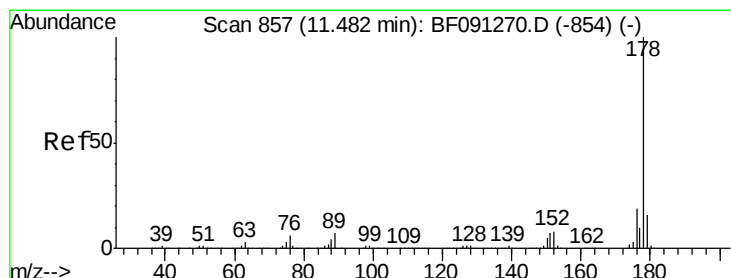
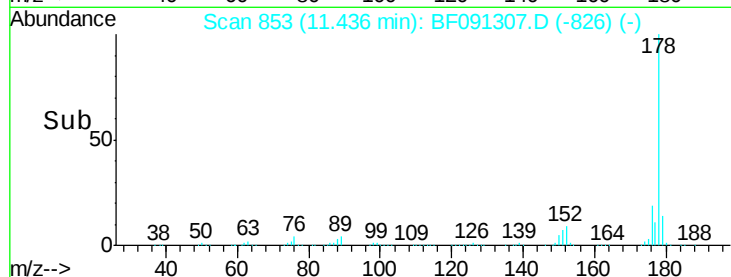
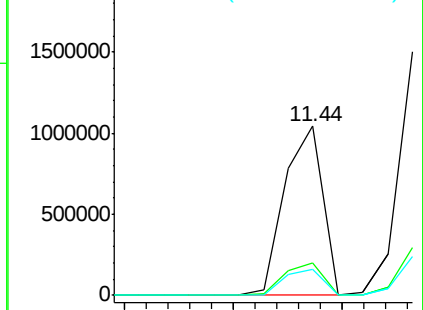
#70
Phenanthrene
Concen: 23.43 ng
RT: 11.44 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Instrument :
BNA_F
ClientSampleId :
PB94898BSD

Tgt Ion:178 Resp: 1284704
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 15.2 12.6 18.8

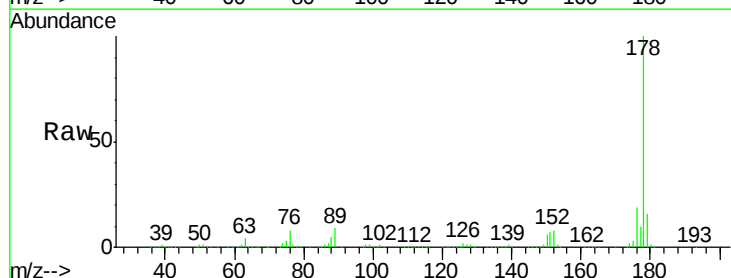


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

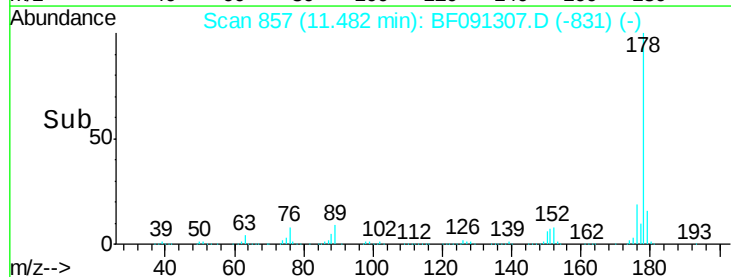
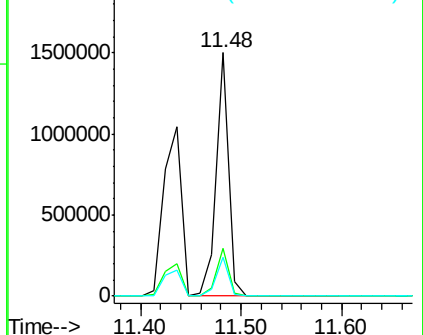


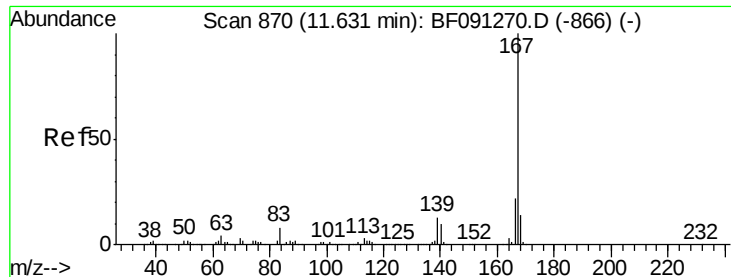
#71
Anthracene
Concen: 22.77 ng
RT: 11.48 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Tgt Ion:178 Resp: 1276708
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.9 12.7 19.1



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





#72

Carbazole

Concen: 21.02 ng

RT: 11.63 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

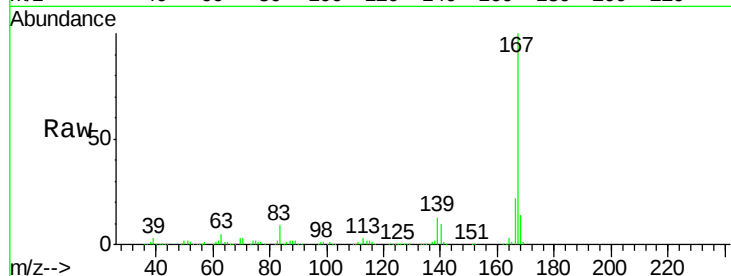
Tgt Ion:167 Resp: 1049088

Ion Ratio Lower Upper

167 100

166 21.8 18.1 27.1

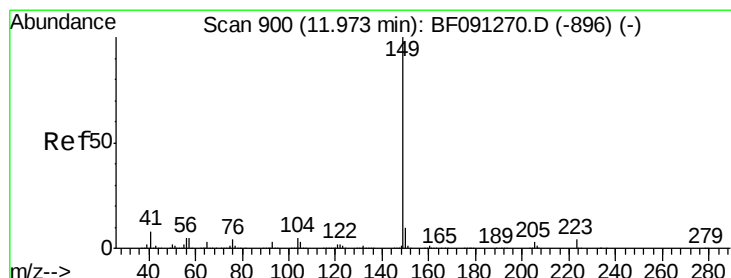
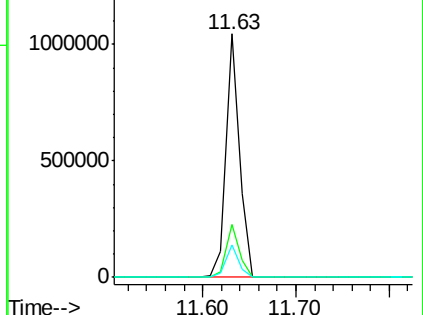
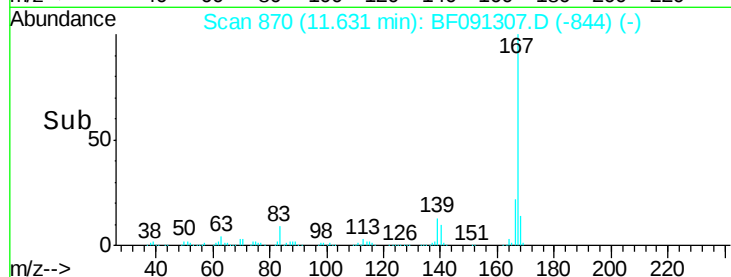
139 13.2 11.5 17.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 25.76 ng

RT: 11.97 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

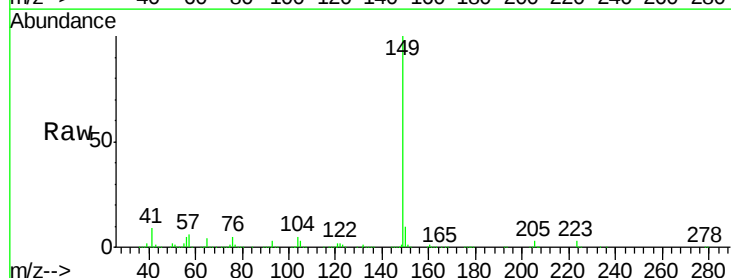
Tgt Ion:149 Resp: 1488529

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

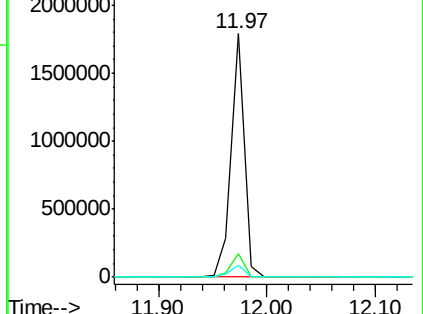
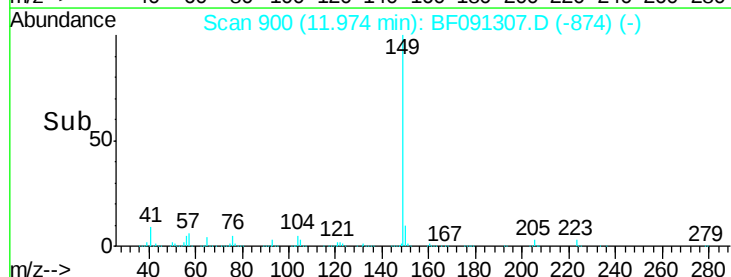
104 4.9 4.0 6.0

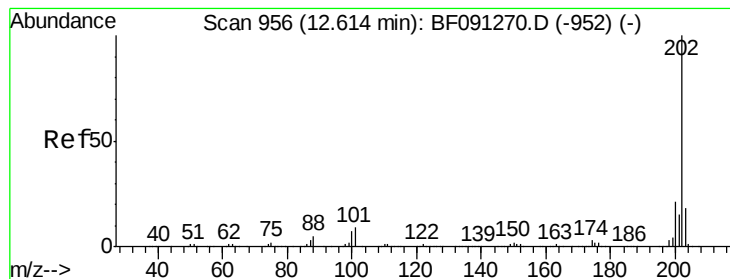


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 20.75 ng

RT: 12.61 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

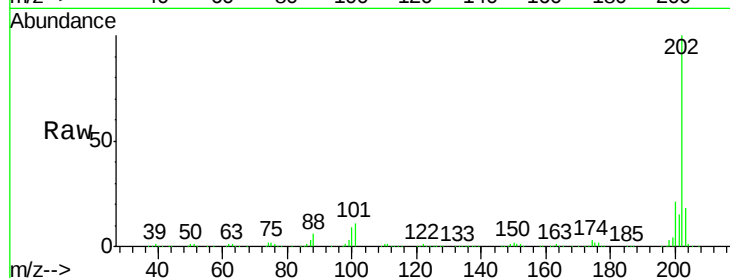
Tgt Ion:202 Resp: 1157458

Ion Ratio Lower Upper

202 100

101 11.3 0.0 29.5

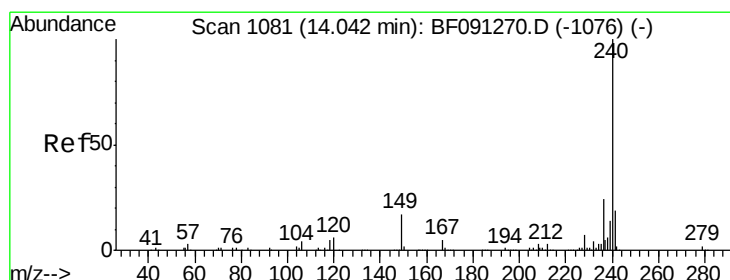
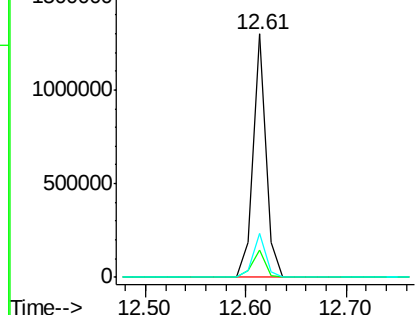
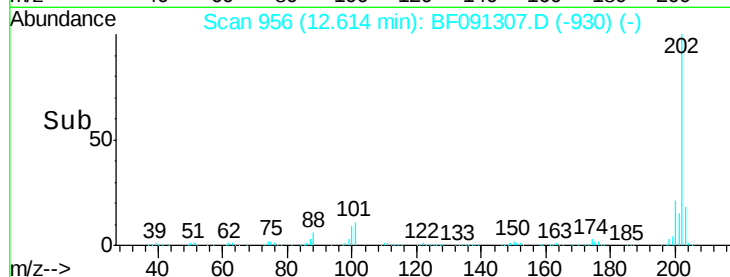
203 18.2 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

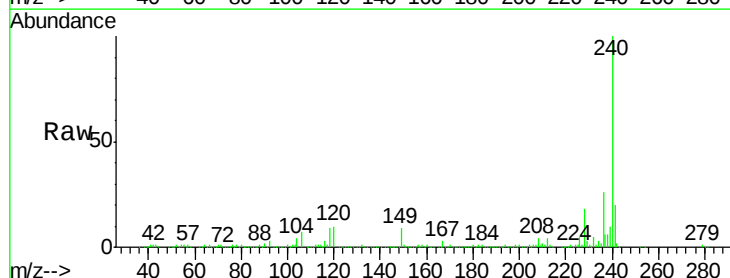
Tgt Ion:240 Resp: 810078

Ion Ratio Lower Upper

240 100

120 10.4 12.1 18.1#

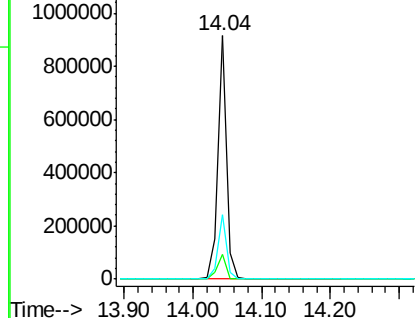
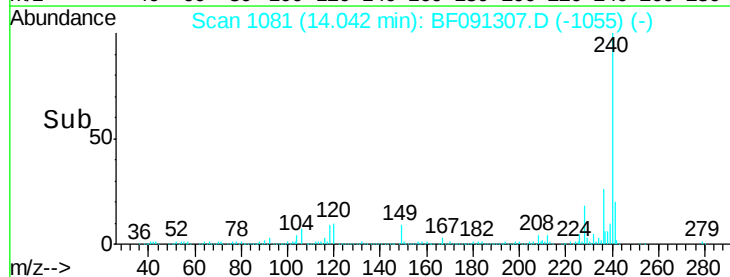
236 26.2 21.0 31.6

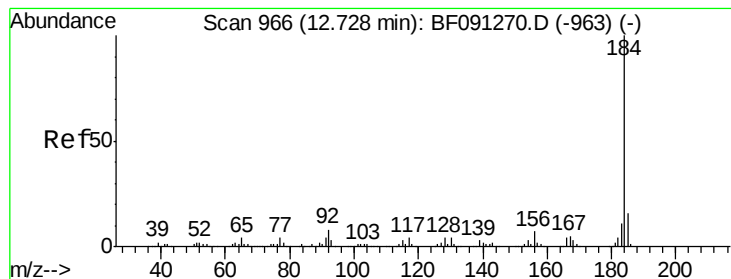


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 33.52 ng

RT: 12.74 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

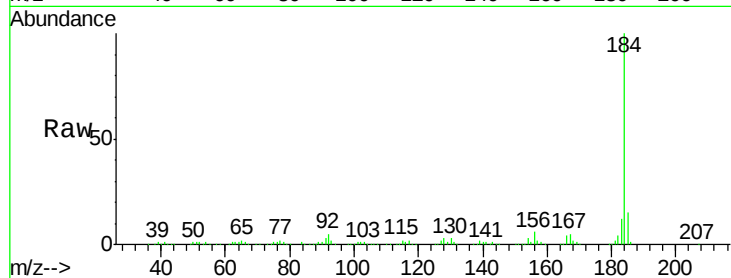
Tgt Ion:184 Resp: 526291

Ion Ratio Lower Upper

184 100

185 14.8 13.1 19.7

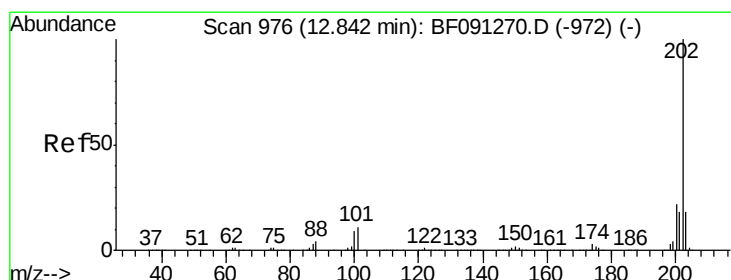
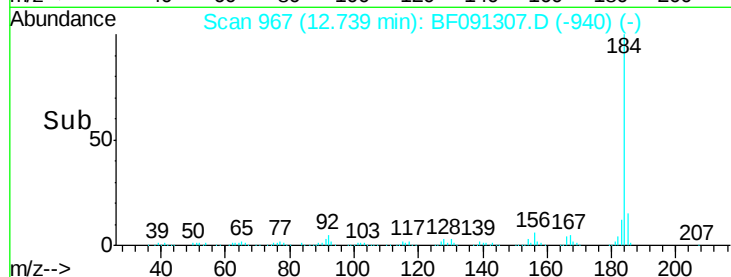
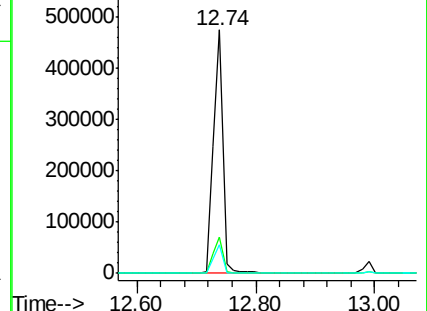
183 12.0 8.9 13.3



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: 20.17 ng

RT: 12.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

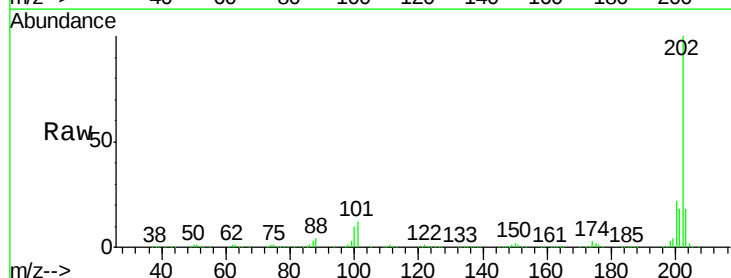
Tgt Ion:202 Resp: 1207462

Ion Ratio Lower Upper

202 100

200 21.9 17.6 26.4

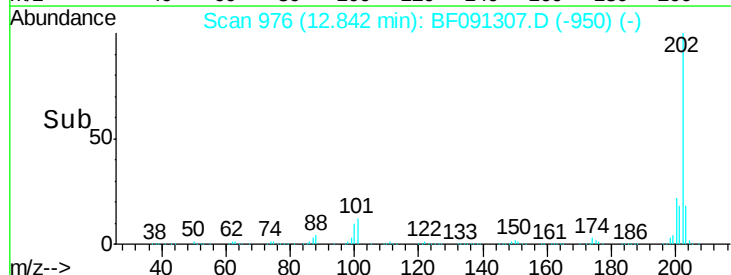
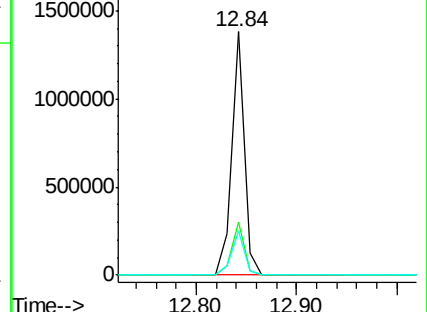
203 18.0 14.0 21.0

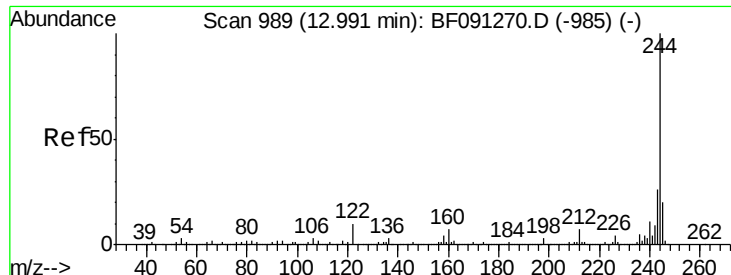


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 41.61 ng

RT: 12.99 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

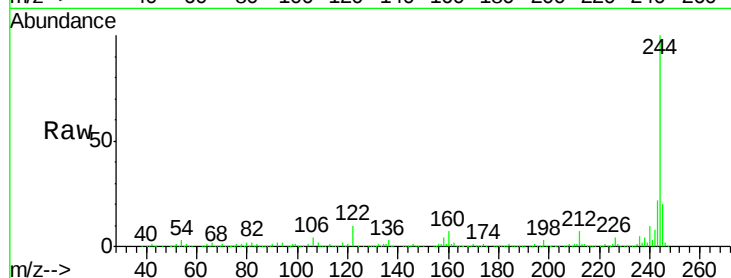
Tgt Ion:244 Resp: 1475931

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

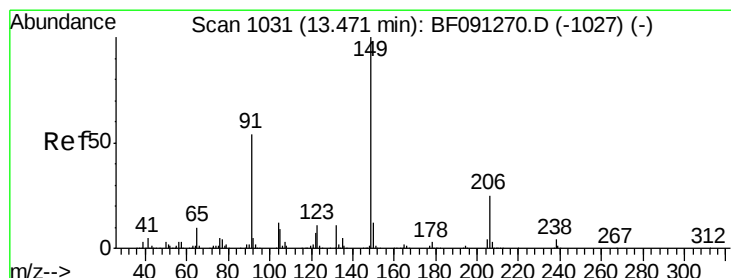
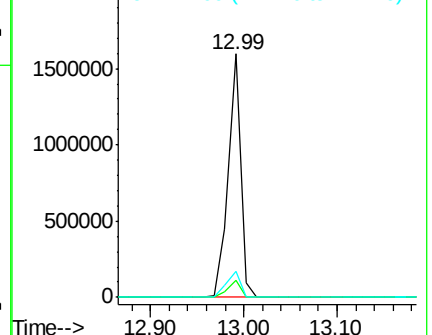
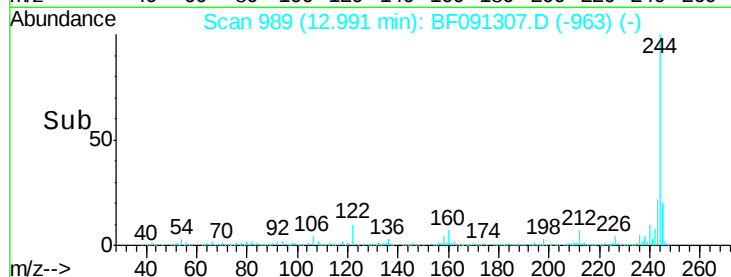
122 10.4 9.5 14.3



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: 23.85 ng

RT: 13.47 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

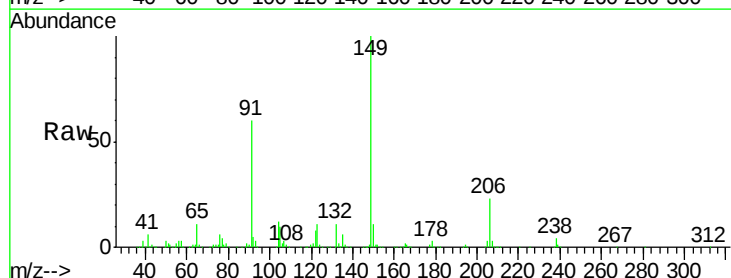
Tgt Ion:149 Resp: 571293

Ion Ratio Lower Upper

149 100

91 59.7 57.4 86.2

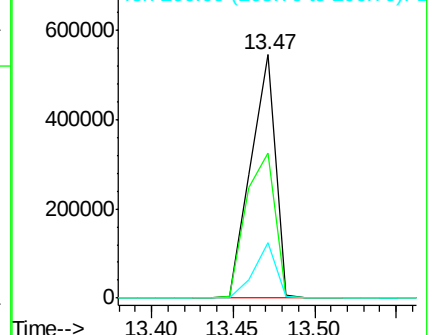
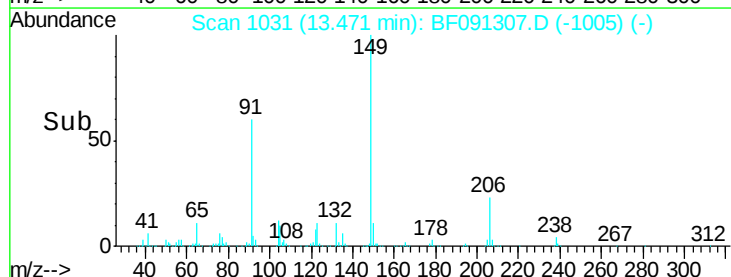
206 23.0 15.4 23.2

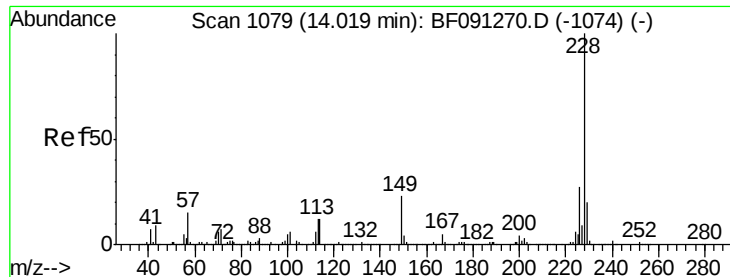


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 23.19 ng

RT: 14.03 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

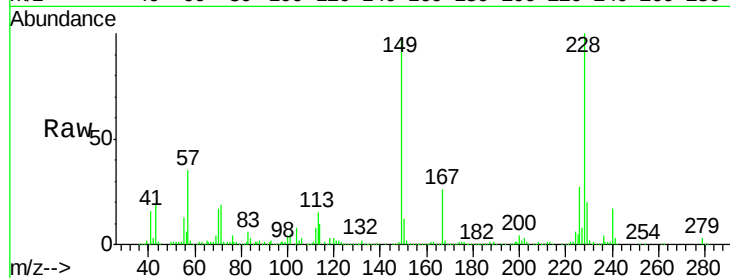
Tgt Ion:228 Resp: 1066235

Ion Ratio Lower Upper

228 100

226 27.3 22.5 33.7

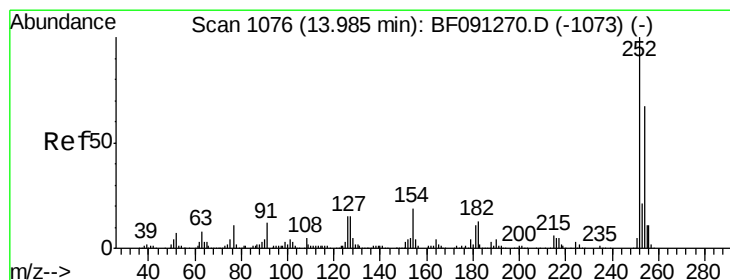
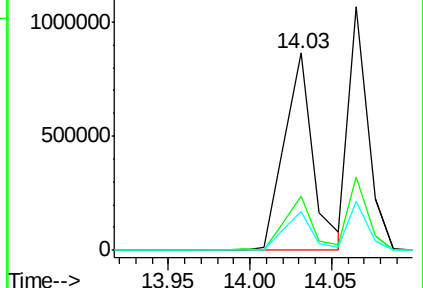
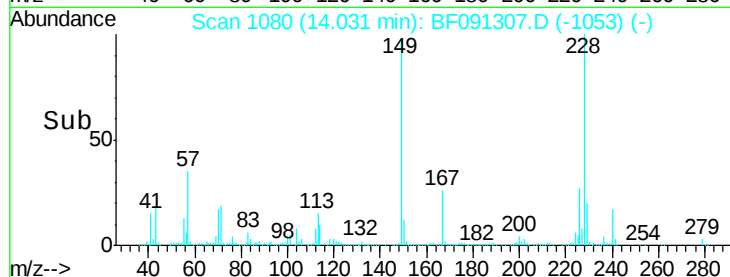
229 19.8 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 23.98 ng

RT: 14.00 min Scan# 1077

Delta R.T. 0.01 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

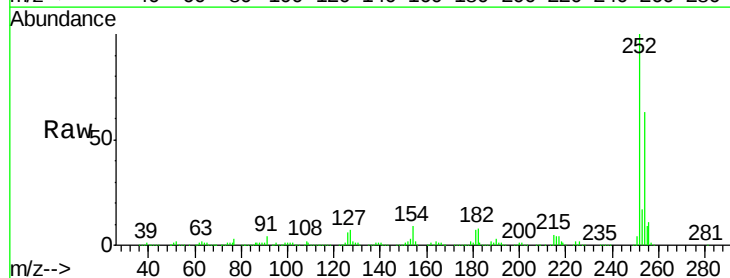
Tgt Ion:252 Resp: 363634

Ion Ratio Lower Upper

252 100

254 63.4 52.1 78.1

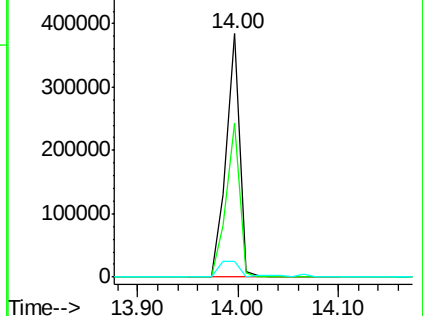
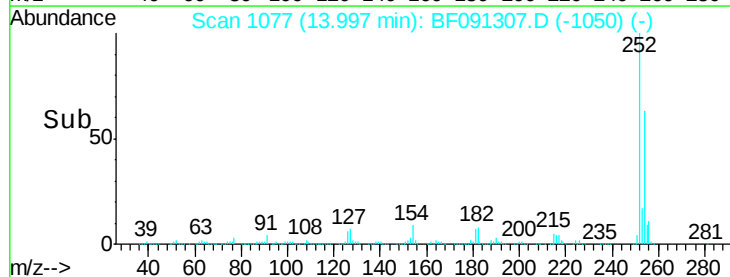
126 6.4 7.5 11.3#

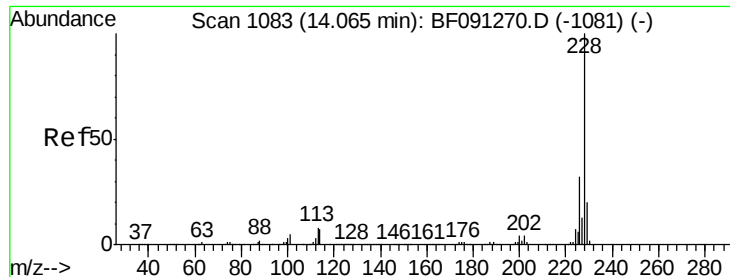


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 20.57 ng

RT: 14.07 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

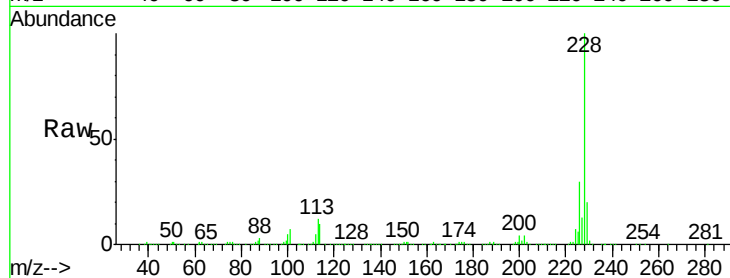
Tgt Ion:228 Resp: 893849

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.4

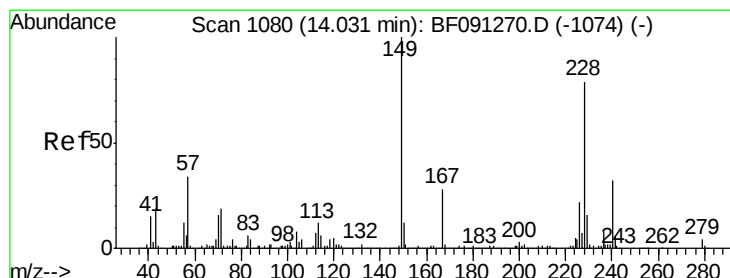
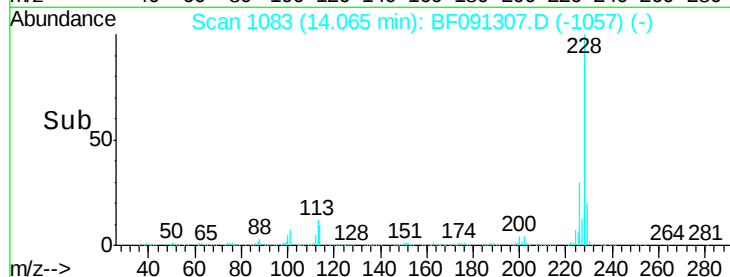
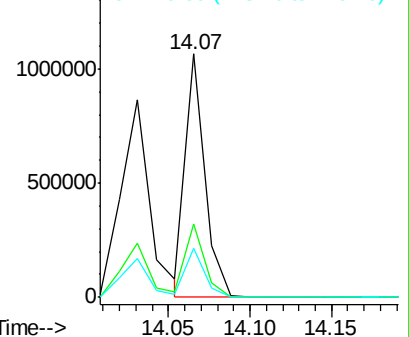
229 20.3 16.0 24.0



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 23.82 ng

RT: 14.03 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

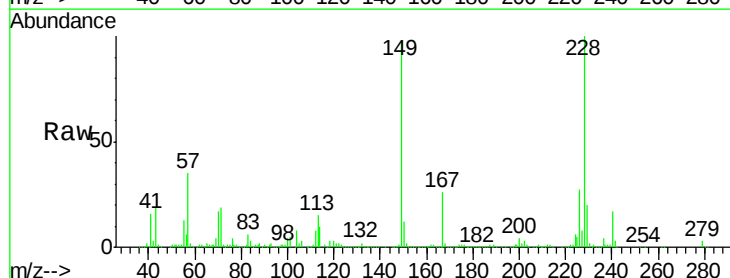
Tgt Ion:149 Resp: 710345

Ion Ratio Lower Upper

149 100

167 27.3 19.6 29.4

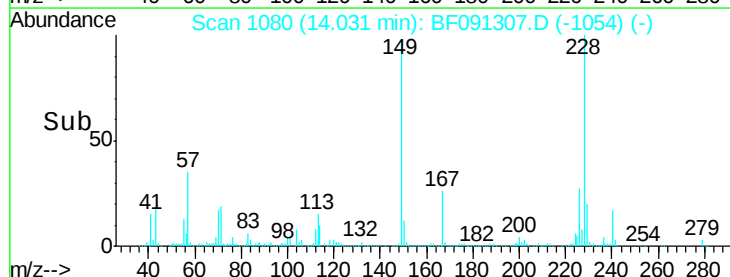
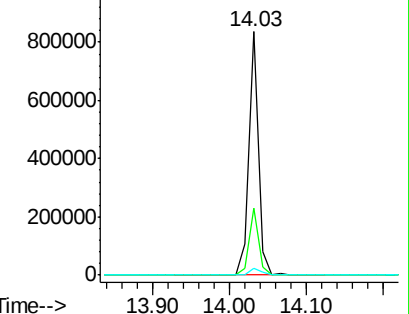
279 3.0 1.9 2.9#

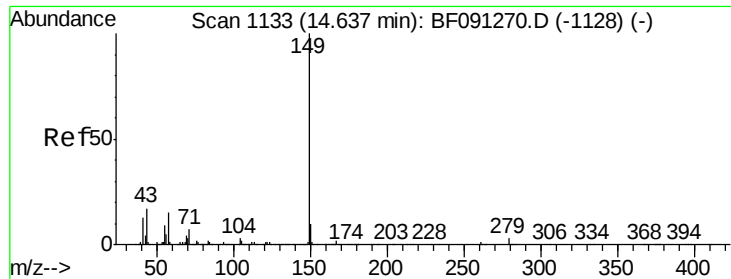


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 26.33 ng

RT: 14.64 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

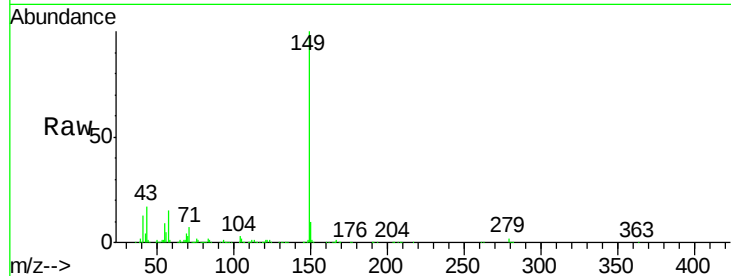
Tgt Ion:149 Resp: 1235914

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

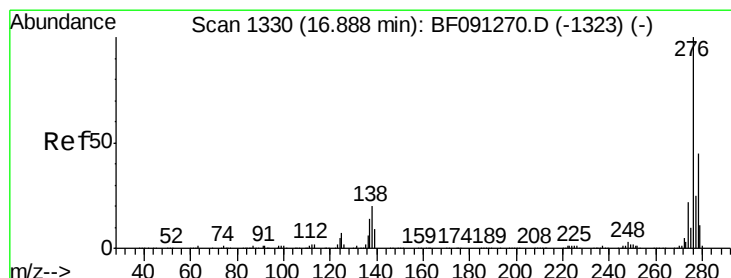
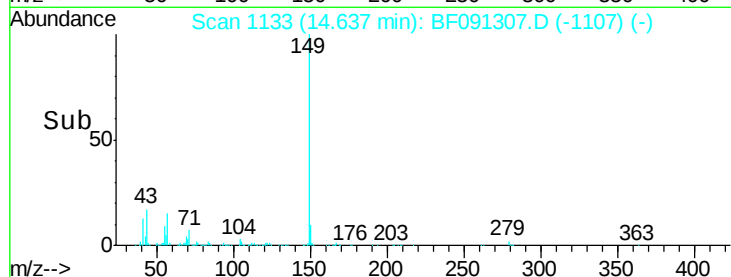
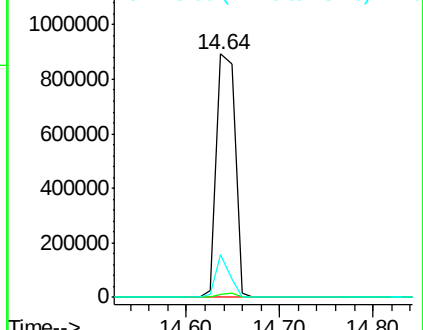
43 12.9 11.9 17.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 21.31 ng

RT: 16.90 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

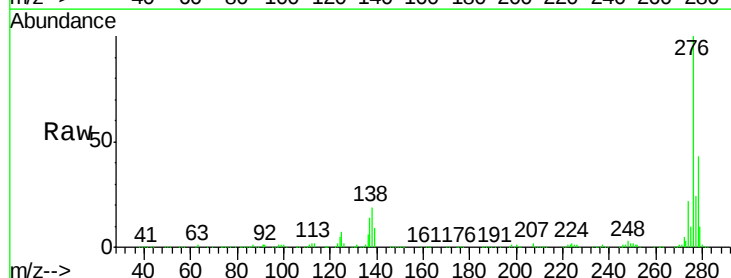
Tgt Ion:276 Resp: 797561

Ion Ratio Lower Upper

276 100

138 22.4 21.0 31.4

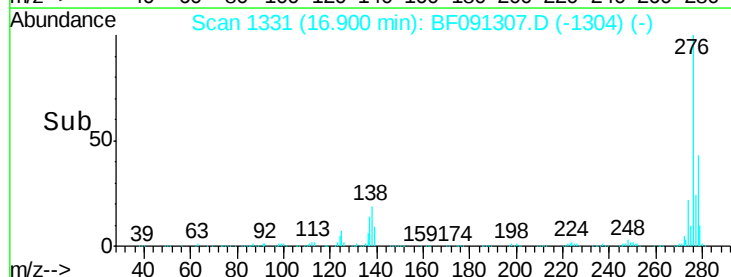
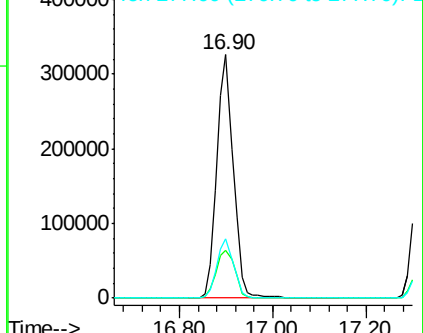
277 24.8 20.2 30.2

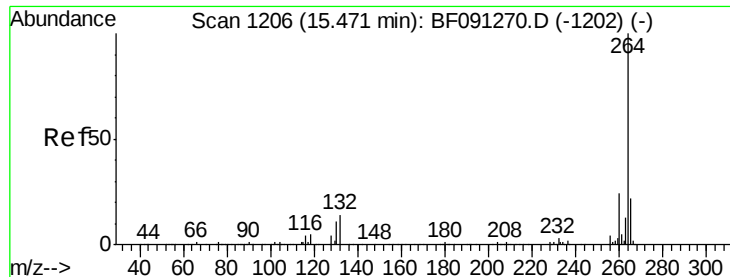


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

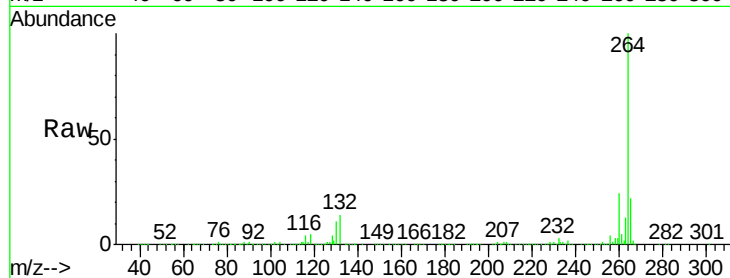




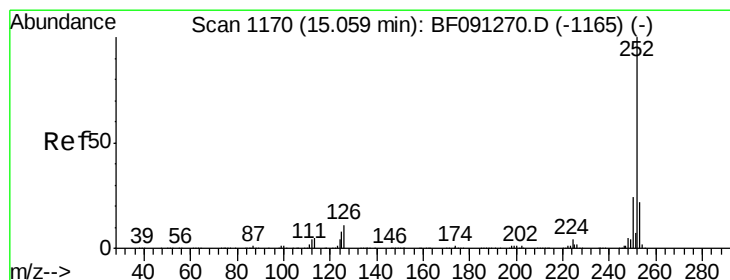
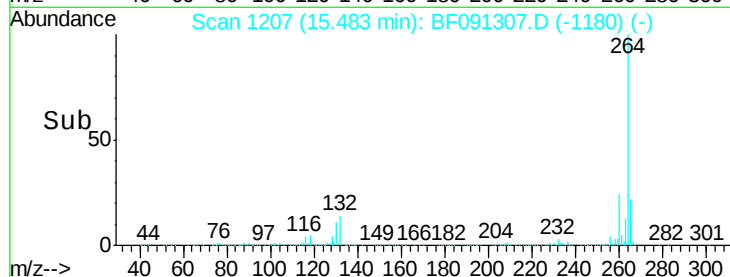
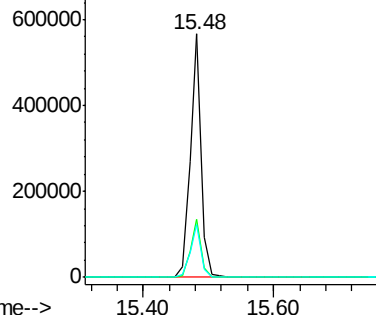
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Instrument :
BNA_F
ClientSampleId :
PB94898BSD

Tgt Ion:264 Resp: 664725
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.7 17.0 25.6

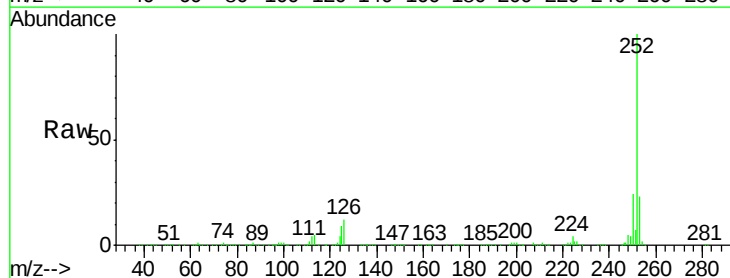


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

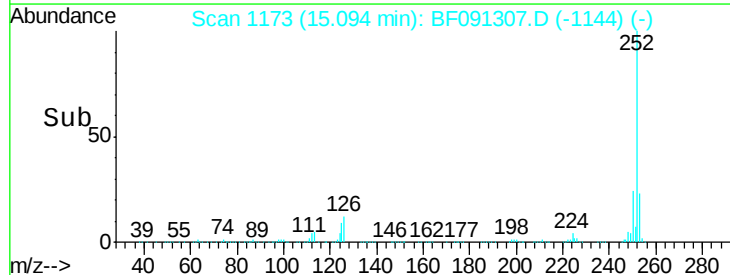
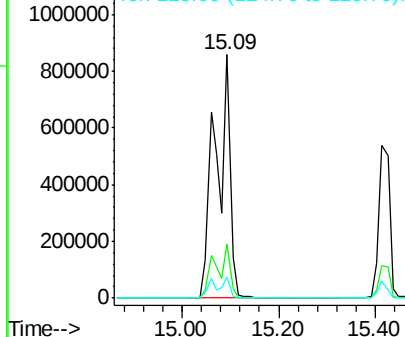


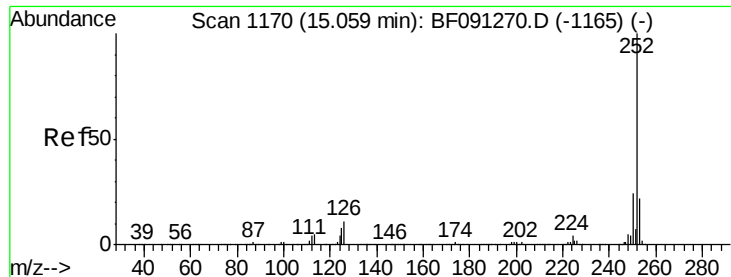
#87
Benzo(b)fluoranthene
Concen: 43.16 ng
RT: 15.09 min Scan# 1173
Delta R.T. 0.03 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Tgt Ion:252 Resp: 1810027
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 8.7 8.6 13.0



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





#88

Benzo(k)fluoranthene

Concen: 52.86 ng

RT: 15.09 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

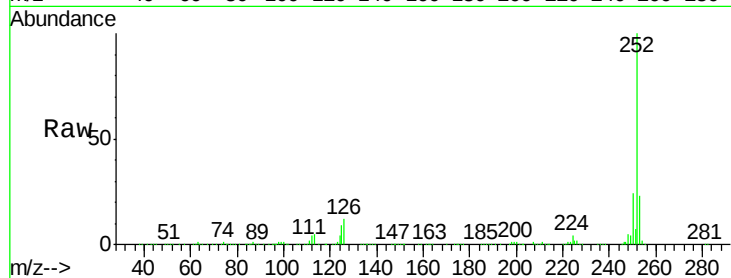
Tgt Ion:252 Resp: 1810566

Ion Ratio Lower Upper

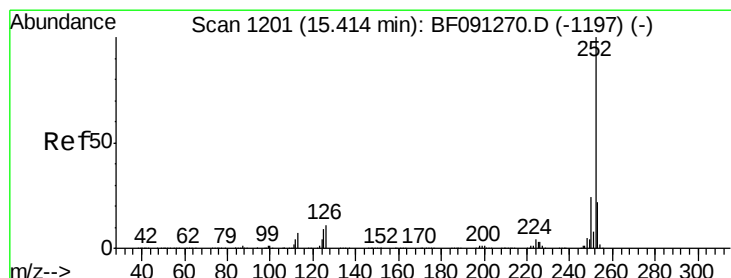
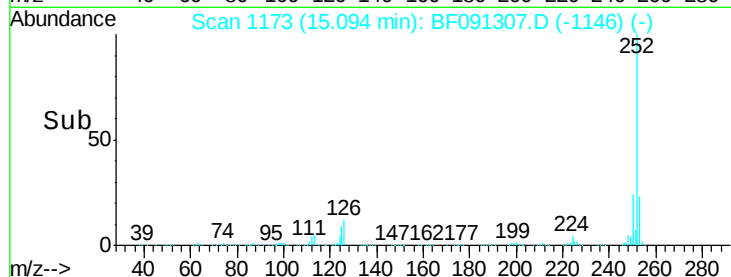
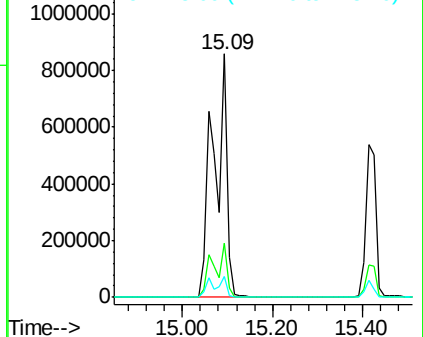
252 100

253 22.5 17.8 26.8

125 8.7 9.6 14.4#



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



#89

Benzo(a)pyrene

Concen: 23.55 ng

RT: 15.41 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

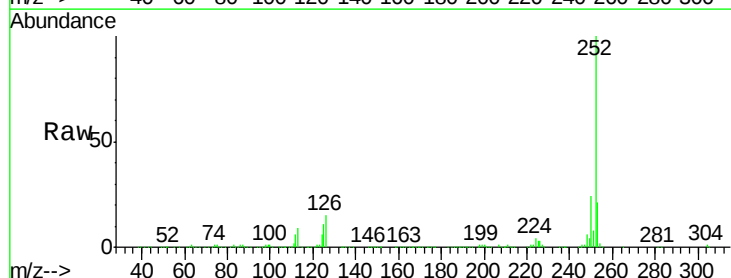
Tgt Ion:252 Resp: 840174

Ion Ratio Lower Upper

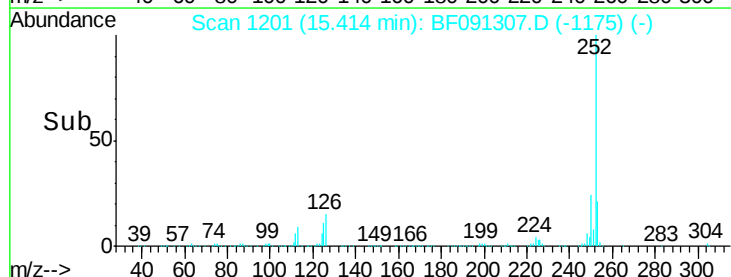
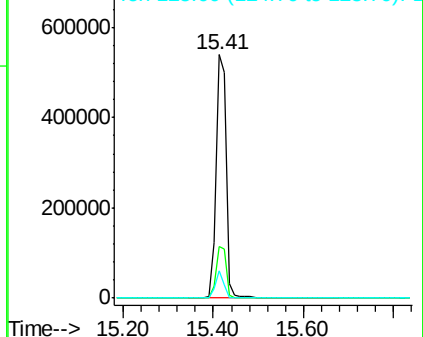
252 100

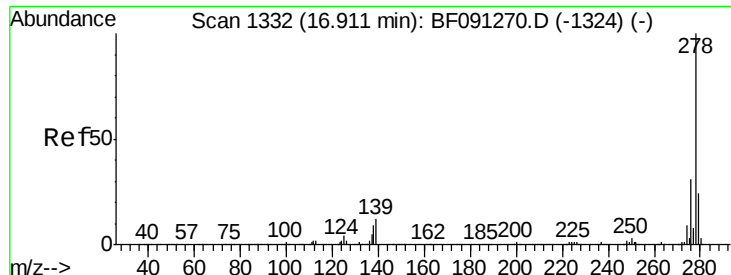
253 21.4 18.2 27.4

125 11.4 10.4 15.6



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

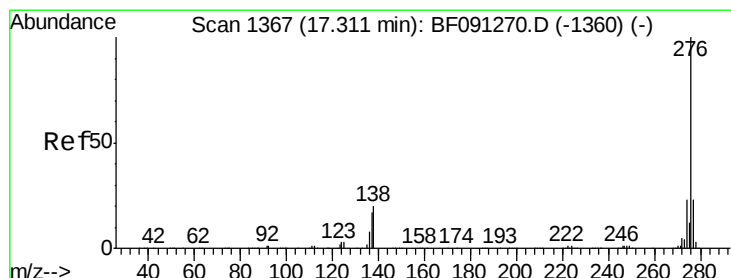
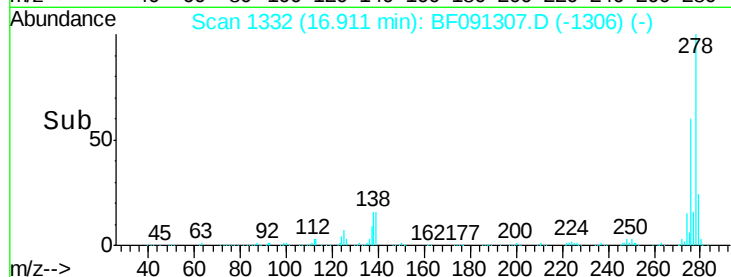
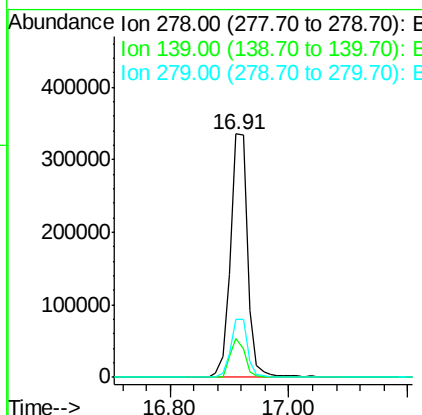
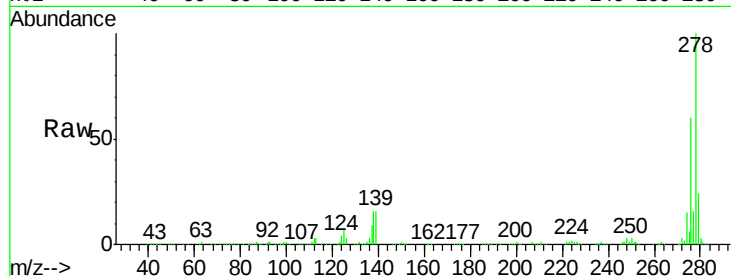




#90
Dibenzo(a,h)anthracene
Concen: 20.48 ng
RT: 16.91 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Instrument :
BNA_F
ClientSampleId :
PB94898BSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	15.1	22.7
279	24.0	19.0	28.6



#91
Benzo(g,h,i)perylene
Concen: 19.75 ng
RT: 17.32 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	20.1	15.4	23.0

