

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091306.D
 Acq On : 24 Nov 2016 10:22
 Operator : UM/SJ
 Sample : PB94898BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BS

Quant Time: Nov 24 23:44:07 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	373368	20.00	ng	0.01
21) Naphthalene-d8	8.17	136	1381390	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	772136	20.00	ng	0.01
63) Phenanthrene-d10	11.40	188	1055860	20.00	ng	0.00
75) Chrysene-d12	14.04	240	805276	20.00	ng	0.00
86) Perylene-d12	15.48	264	662347	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1284373	55.27	ng	0.02
7) Phenol-d6	6.52	99	1847342	61.87	ng	0.02
23) Nitrobenzene-d5	7.45	82	1120506	46.70	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	427196	54.86	ng	0.01
44) 2-Fluorobiphenyl	9.25	172	2022577	42.89	ng	0.01
78) Terphenyl-d14	12.99	244	1418924	40.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	191057	17.43	ng	87
3) Pyridine	3.32	79	550416	18.68	ng	89
4) n-Nitrosodimethylamine	3.26	42	344446	21.35	ng	94
6) Aniline	6.54	93	581406	15.23	ng	# 70
8) 2-Chlorophenol	6.67	128	564778	22.31	ng	94
10) Phenol	6.53	94	711021	21.34	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	566190	23.12	ng	89
12) 1,3-Dichlorobenzene	6.90	146	579445	21.00	ng	97
13) 1,4-Dichlorobenzene	6.90	146	579445	20.51	ng	97
14) 1,2-Dichlorobenzene	6.90	146	579445	21.62	ng	96
15) Benzyl Alcohol	7.02	79	500803	21.60	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1043438	19.43	ng	71
17) 2-Methylphenol	7.14	107	454917	22.71	ng	# 76
18) Hexachloroethane	7.40	117	186923	18.59	ng	90
19) n-Nitroso-di-n-propylamine	7.30	70	382070	20.40	ng	# 97
20) 3+4-Methylphenols	7.29	107	505158	20.55	ng	# 71
22) Acetophenone	7.30	105	753513	24.17	ng	96
24) Nitrobenzene	7.47	77	588255	23.17	ng	# 72
25) Isophorone	7.71	82	1090922	24.34	ng	97
26) 2-Nitrophenol	7.78	139	244720	24.03	ng	98
27) 2,4-Dimethylphenol	7.82	122	546031	25.55	ng	94
28) bis(2-Chloroethoxy)methane	7.92	93	630306	23.62	ng	99
29) 2,4-Dichlorophenol	8.03	162	446614	23.65	ng	89
30) 1,2,4-Trichlorobenzene	8.11	180	492821	22.65	ng	98
31) Naphthalene	8.19	128	1472183	22.15	ng	100
32) Benzoic acid	7.94	122	292821	17.40	ng	92
33) 4-Chloroaniline	8.24	127	333367	11.53	ng	99
34) Hexachlorobutadiene	8.32	225	299235	23.27	ng	98
35) Caprolactam	8.60	113	137740	23.66	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	442060	21.78	ng	99
37) 2-Methylnaphthalene	8.89	142	1009059	22.12	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	451828	21.59	ng	98
40) Hexachlorocyclopentadiene	9.04	237	195251	20.85	ng	100
42) 2,4,6-Trichlorophenol	9.16	196	346212	23.99	ng	97

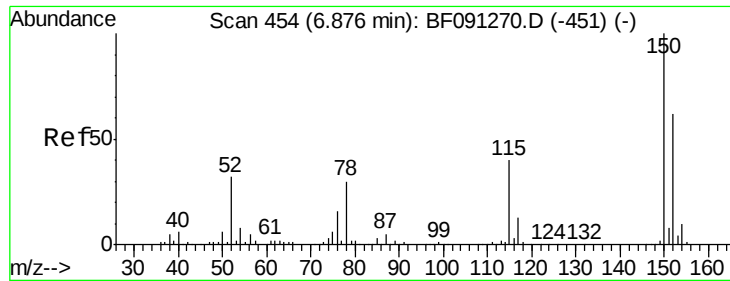
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.21	196	296853	21.41	ng	93
45) 1,1'-Biphenyl	9.34	154	1090060	19.58	ng	98
46) 2-Chloronaphthalene	9.37	162	834347	20.46	ng	98
47) 2-Nitroaniline	9.46	65	280506	20.27	ng	# 76
48) Acenaphthylene	9.79	152	1345912	20.59	ng	100
49) Dimethylphthalate	9.65	163	1121142	23.26	ng	98
50) 2,6-Dinitrotoluene	9.71	165	255048	24.22	ng	# 71
51) Acenaphthene	9.96	154	931947	20.95	ng	97
52) 3-Nitroaniline	9.87	138	166772	14.73	ng	89
53) 2,4-Dinitrophenol	9.97	184	80390	24.40	ng	# 86
54) Dibenzofuran	10.13	168	1284112	20.53	ng	91
55) 4-Nitrophenol	10.03	139	310545	38.03	ng	98
56) 2,4-Dinitrotoluene	10.11	165	316616	23.76	ng	94
57) Fluorene	10.48	166	915162	19.12	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	253621	20.80	ng	94
59) Diethylphthalate	10.35	149	1047374	21.59	ng	97
60) 4-Chlorophenyl-phenylether	10.46	204	433420	19.65	ng	# 87
61) 4-Nitroaniline	10.49	138	203680	19.28	ng	98
62) Azobenzene	10.62	77	1097724	22.31	ng	90
64) 4,6-Dinitro-2-methylphenol	10.51	198	60990	12.74	ng	# 82
65) n-Nitrosodiphenylamine	10.58	169	775975	24.21	ng	99
66) 4-Bromophenyl-phenylether	10.96	248	306464	26.56	ng	# 83
67) Hexachlorobenzene	11.02	284	280919	22.21	ng	# 89
68) Atrazine	11.12	200	256755	24.51	ng	90
69) Pentachlorophenol	11.21	266	294396	39.33	ng	97
70) Phenanthrene	11.44	178	1265362	23.10	ng	99
71) Anthracene	11.48	178	1227772	21.92	ng	99
72) Carbazole	11.63	167	1016861	20.40	ng	98
73) Di-n-butylphthalate	11.97	149	1457962	25.26	ng	100
74) Fluoranthene	12.61	202	1142371	20.50	ng	98
76) Benzidine	12.74	184	849383	54.42	ng	97
77) Pyrene	12.84	202	1177962	19.80	ng	99
79) Butylbenzylphthalate	13.47	149	568768	23.89	ng	89
80) Benzo(a)anthracene	14.03	228	1049148	22.96	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	414123	27.48	ng	99
82) Chrysene	14.07	228	892865	20.67	ng	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	687206	23.18	ng	95
84) Di-n-octyl phthalate	14.65	149	1234242	26.45	ng	96
85) Indeno(1,2,3-cd)pyrene	16.90	276	771809	20.75	ng	96
87) Benzo(b)fluoranthene	15.06	252	1051152	25.16	ng	99
88) Benzo(k)fluoranthene	15.06	252	1051152	30.80	ng	98
89) Benzo(a)pyrene	15.43	252	817496	23.00	ng	# 94
90) Dibenzo(a,h)anthracene	16.92	278	653800	19.92	ng	# 93
91) Benzo(g,h,i)perylene	17.32	276	631082	19.39	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

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleId :

PB94898BS

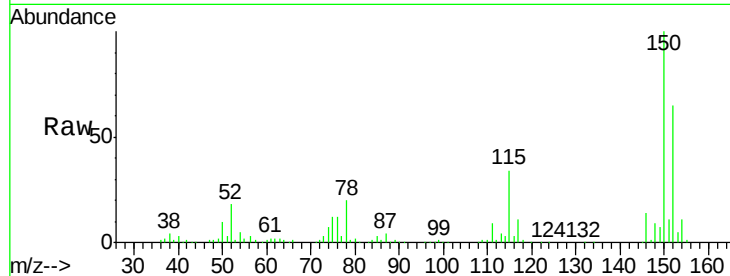
Tgt Ion:152 Resp: 373368

Ion Ratio Lower Upper

152 100

150 154.2 122.5 183.7

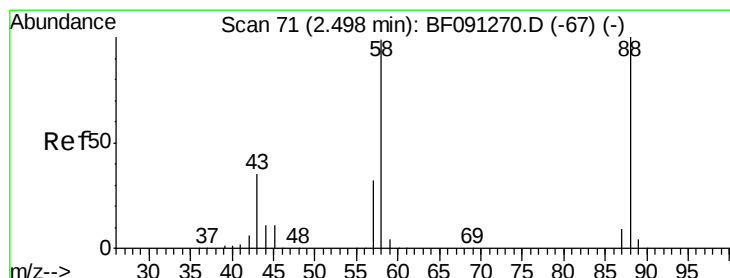
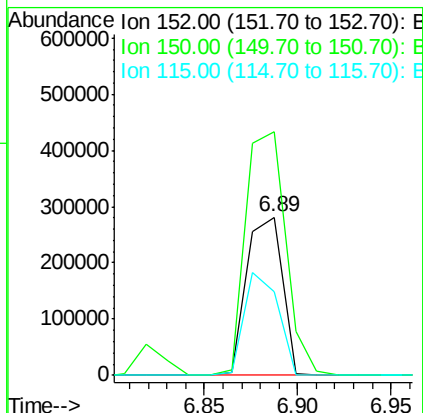
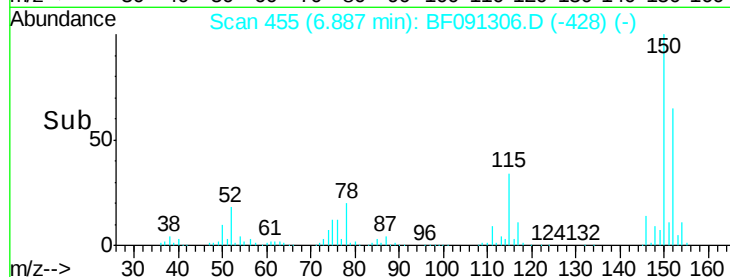
115 52.9 51.8 77.8



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: 17.43 ng

RT: 2.59 min Scan# 79

Delta R.T. 0.09 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

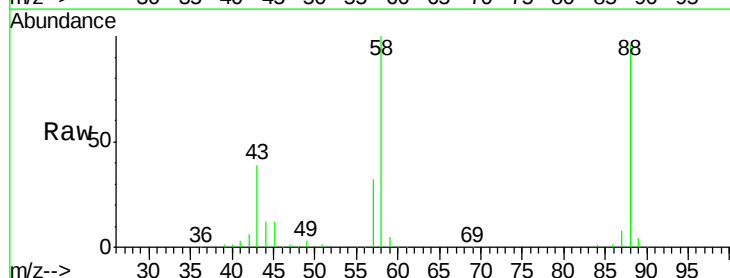
Tgt Ion: 88 Resp: 191057

Ion Ratio Lower Upper

88 100

58 105.3 70.3 105.5

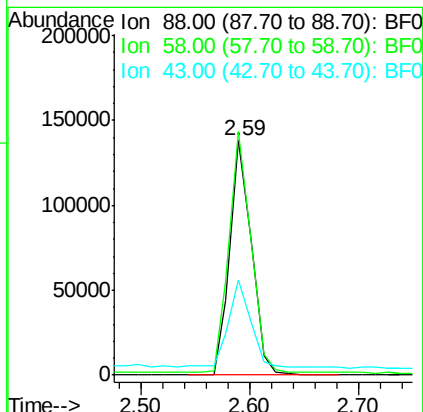
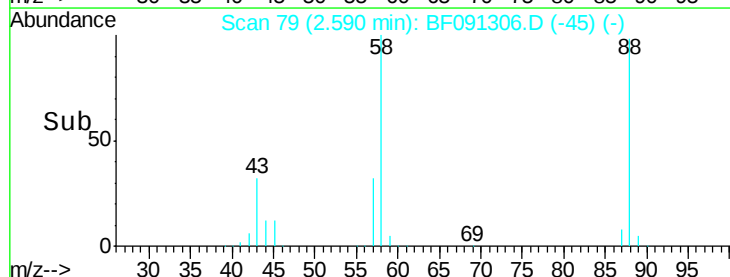
43 38.2 31.3 46.9

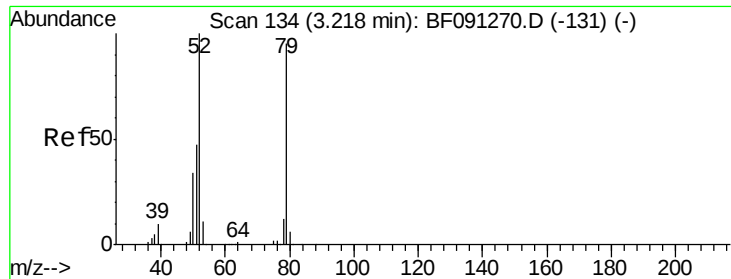


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 18.68 ng

RT: 3.32 min Scan# 143

Delta R.T. 0.10 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleId :

PB94898BS

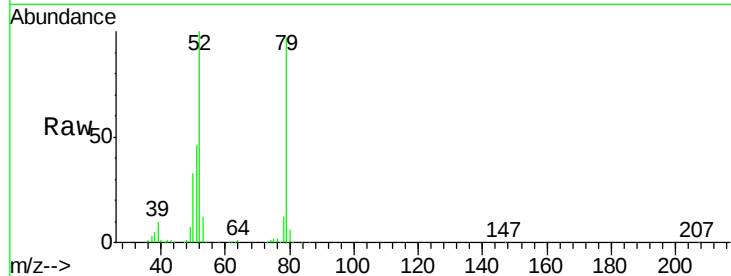
Tgt Ion: 79 Resp: 550416

Ion Ratio Lower Upper

79 100

52 103.0 71.0 106.4

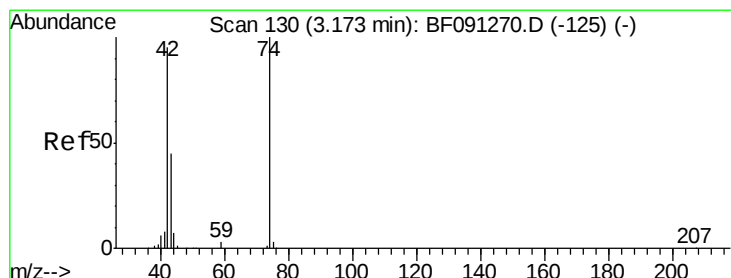
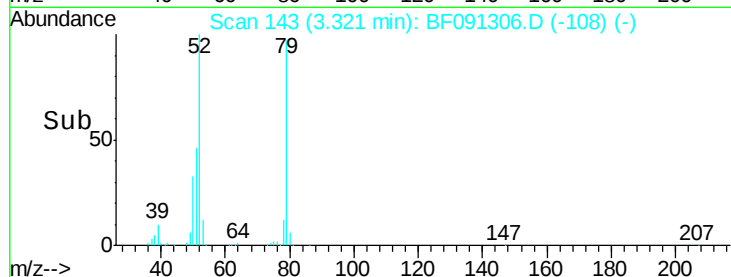
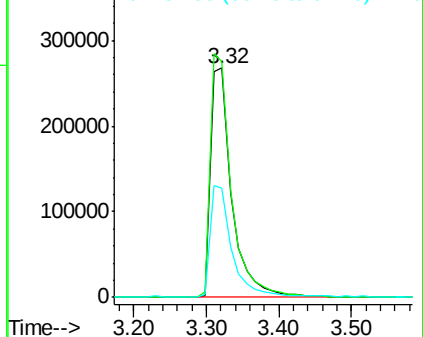
51 47.8 37.0 55.4



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: 21.35 ng

RT: 3.26 min Scan# 138

Delta R.T. 0.09 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

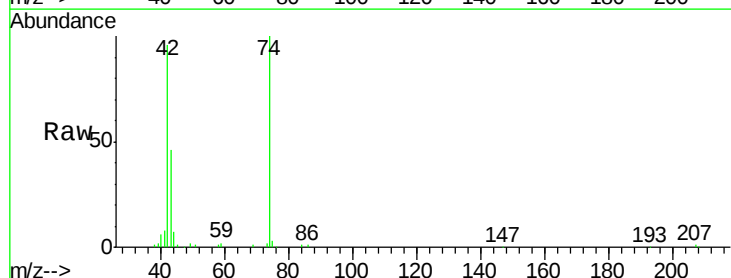
Tgt Ion: 42 Resp: 344446

Ion Ratio Lower Upper

42 100

74 104.5 78.9 118.3

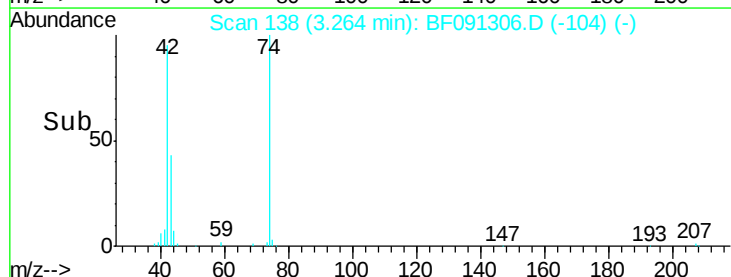
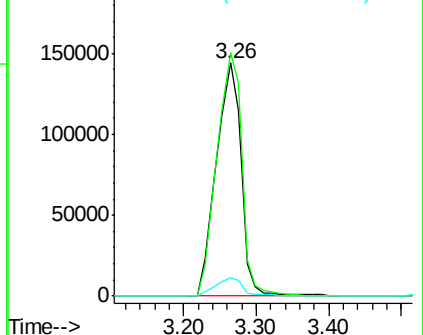
44 7.7 5.8 8.6

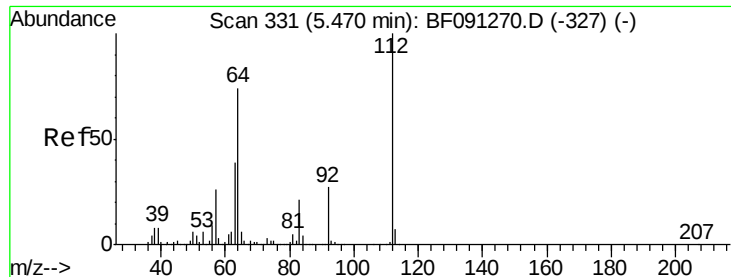


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 55.27 ng

RT: 5.49 min Scan# 333

Delta R.T. 0.02 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleId :

PB94898BS

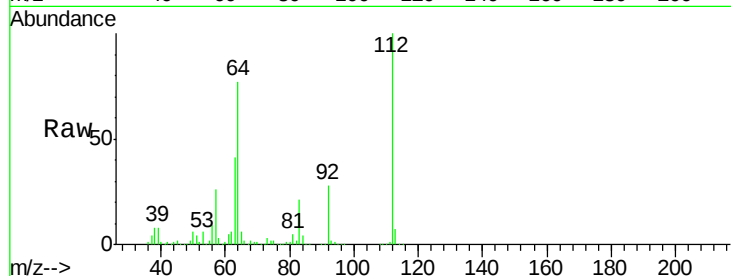
Tgt Ion: 112 Resp: 1284373

Ion Ratio Lower Upper

112 100

64 76.5 61.5 92.3

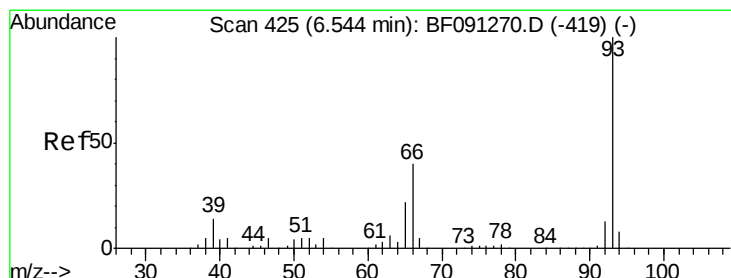
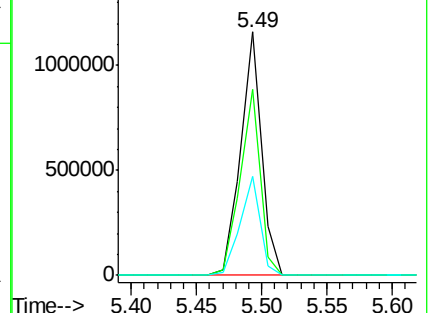
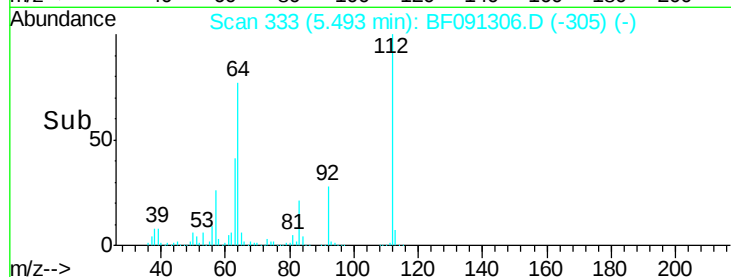
63 40.8 33.3 49.9



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: 15.23 ng

RT: 6.54 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

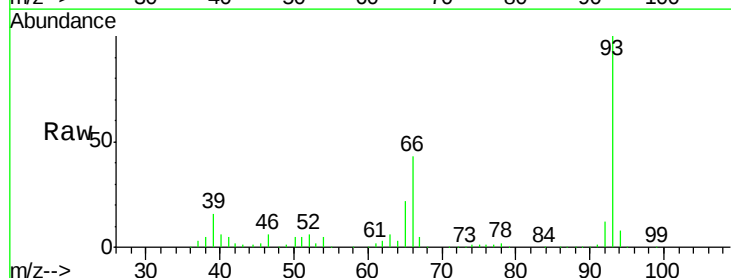
Tgt Ion: 93 Resp: 581406

Ion Ratio Lower Upper

93 100

66 43.3 55.8 83.6#

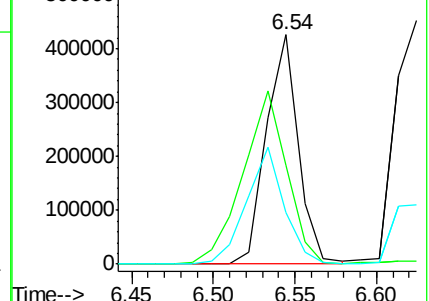
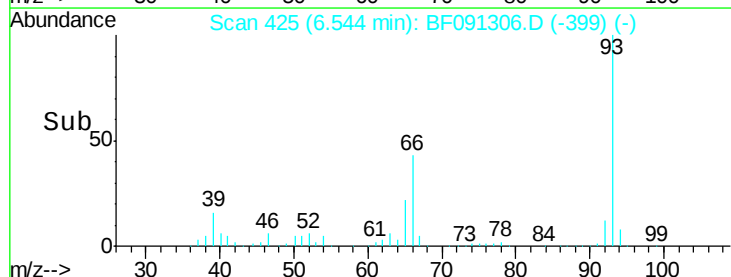
65 22.3 29.9 44.9#

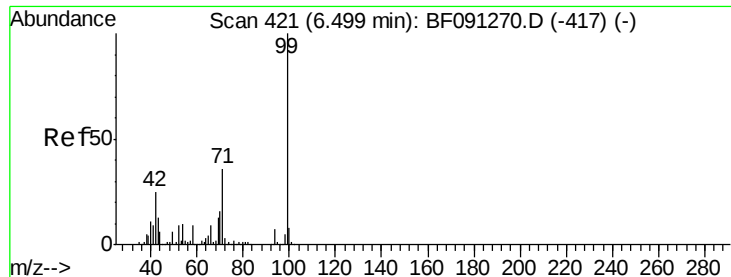


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 61.87 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.02 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampled :

PB94898BS

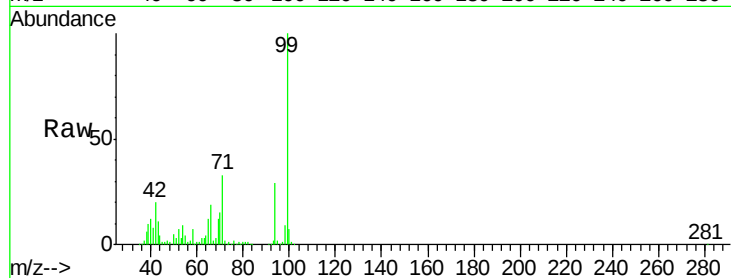
Tgt Ion: 99 Resp: 1847342

Ion Ratio Lower Upper

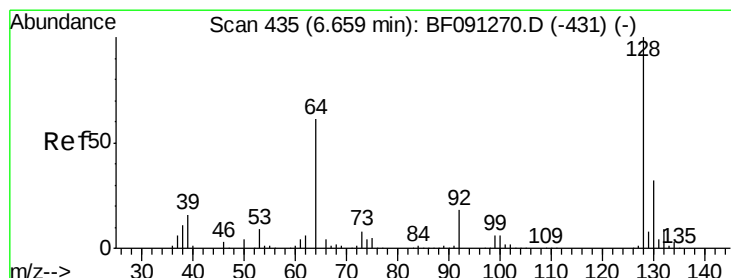
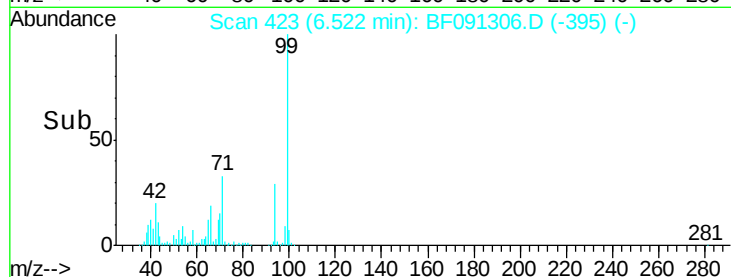
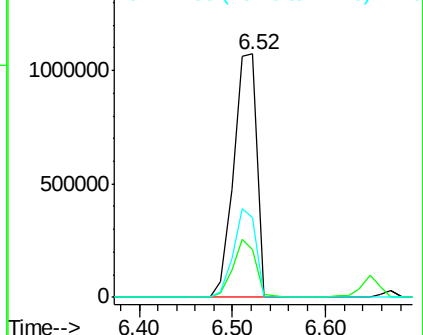
99 100

42 19.6 20.6 31.0#

71 32.7 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: 22.31 ng

RT: 6.67 min Scan# 436

Delta R.T. 0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

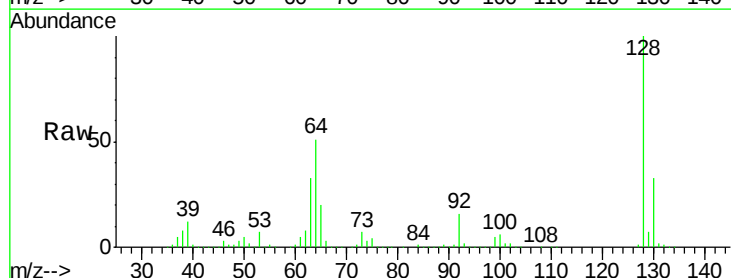
Tgt Ion: 128 Resp: 564778

Ion Ratio Lower Upper

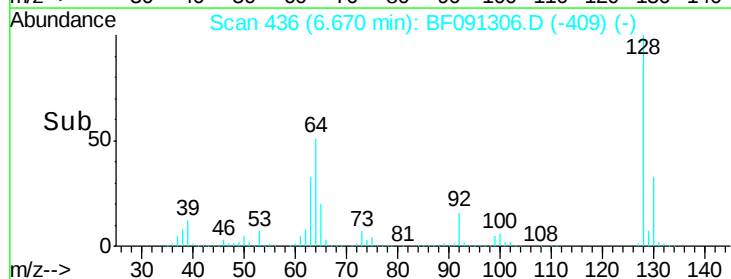
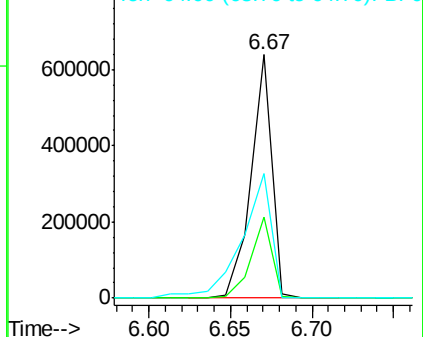
128 100

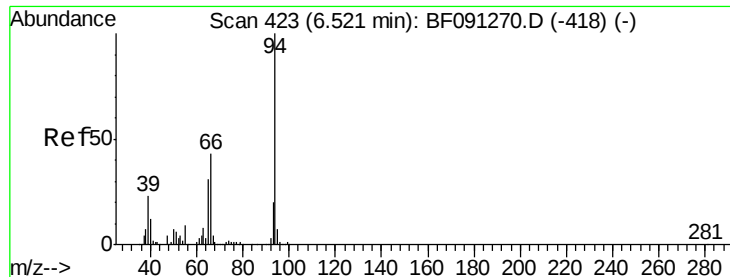
130 33.0 13.1 53.1

64 51.3 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: 21.34 ng

RT: 6.53 min Scan# 424

Delta R.T. 0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleId :

PB94898BS

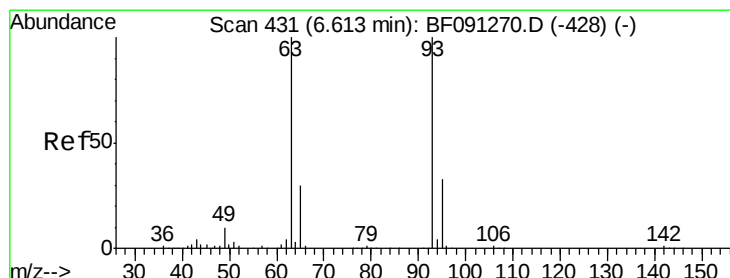
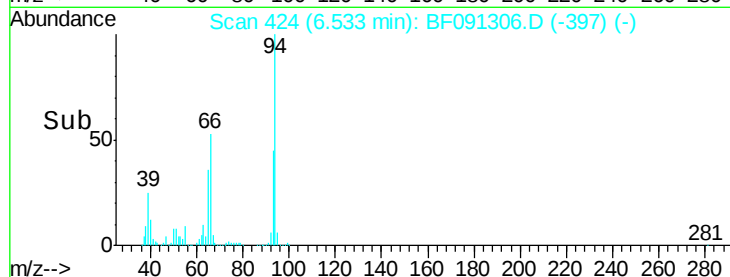
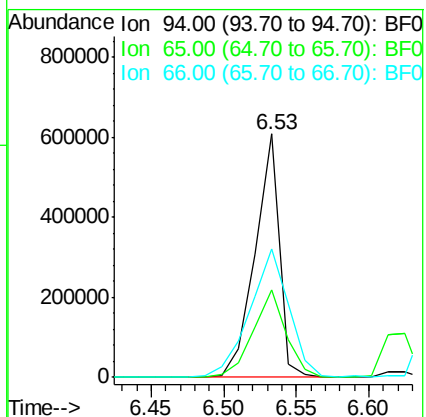
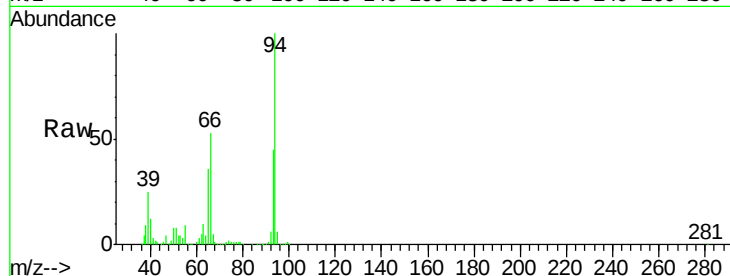
Tgt Ion: 94 Resp: 711021

Ion Ratio Lower Upper

94 100

65 35.8 16.9 56.9

66 52.8 30.6 70.6



#11

bis(2-Chloroethyl)ether

Concen: 23.12 ng

RT: 6.62 min Scan# 432

Delta R.T. 0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

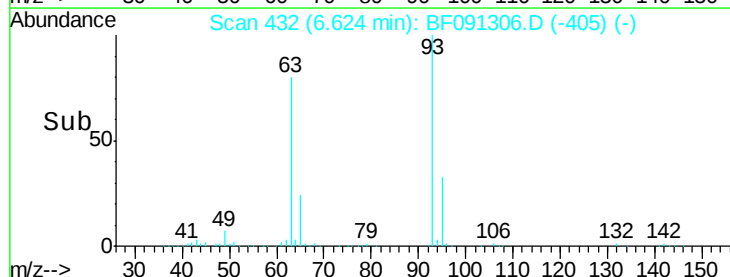
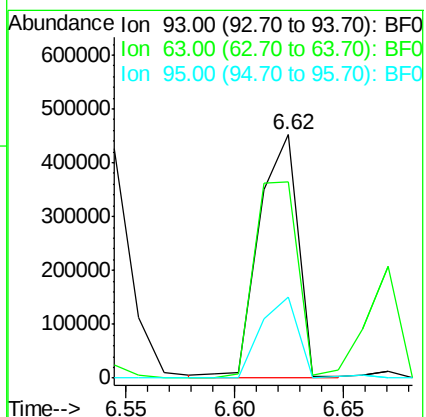
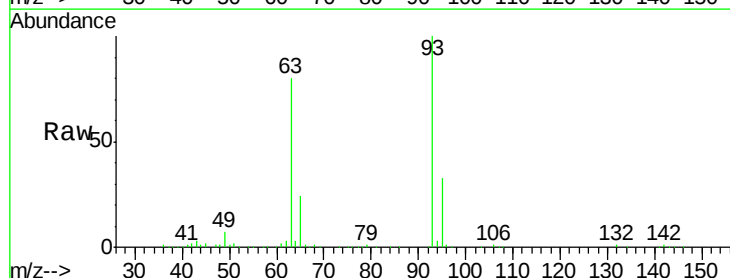
Tgt Ion: 93 Resp: 566190

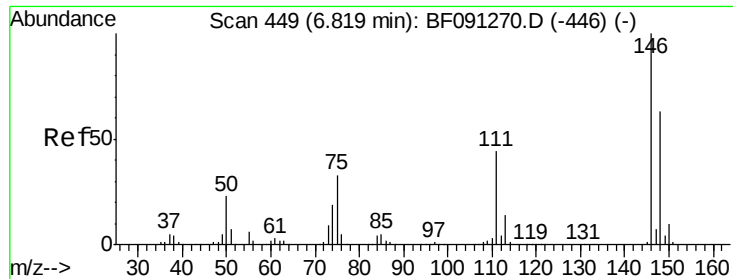
Ion Ratio Lower Upper

93 100

63 80.5 74.8 114.8

95 33.4 12.4 52.4

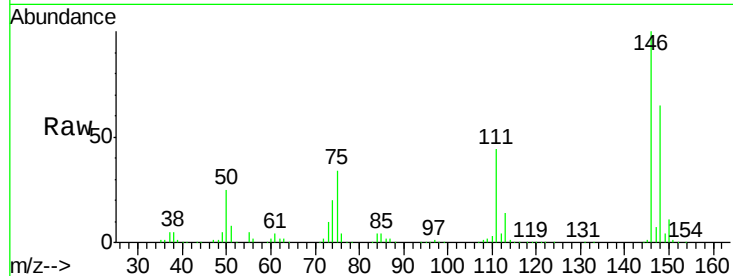




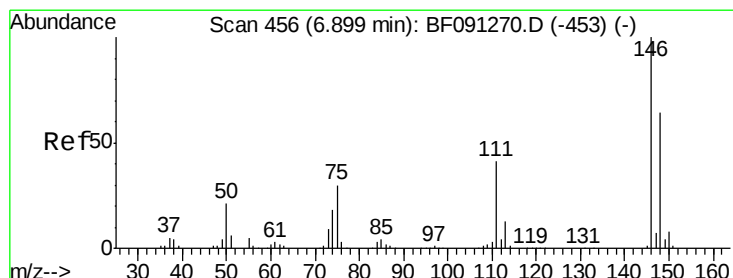
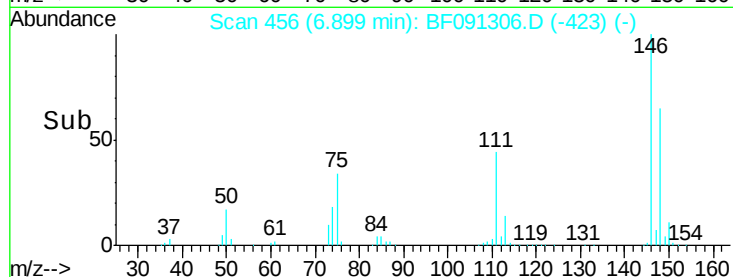
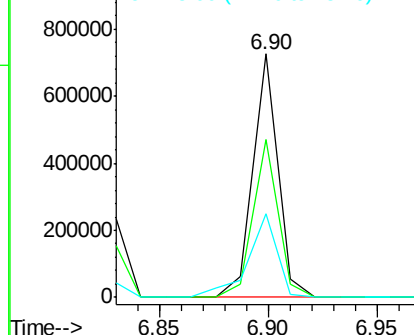
#12
 1,3-Dichlorobenzene
 Concen: 21.00 ng
 RT: 6.90 min Scan# 456
 Delta R.T. 0.08 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BS

Tgt Ion:146 Resp: 579445
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.4 77.0
 75 34.4 23.6 35.4

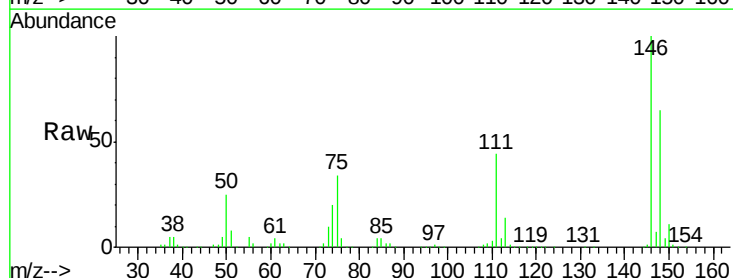


Abundance Ion 146.00 (145.70 to 146.70): E
 1000000
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

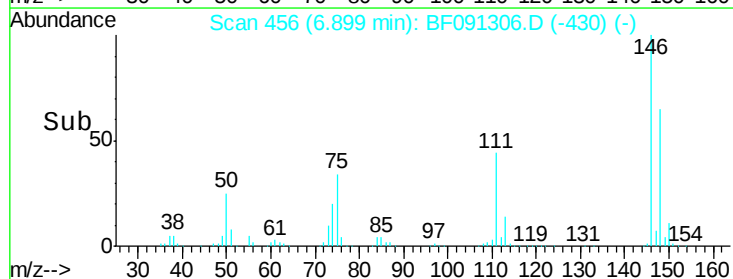
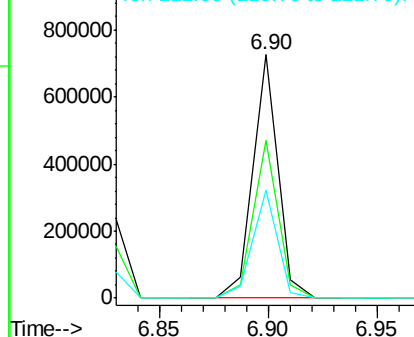


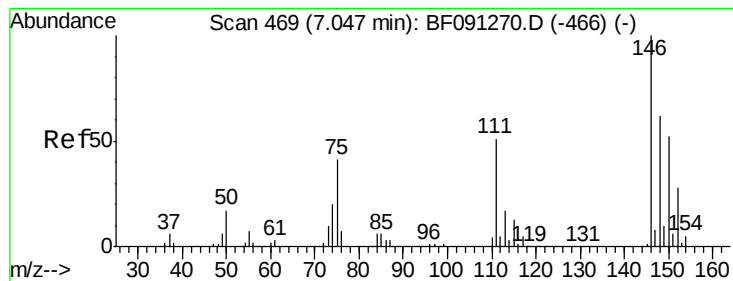
#13
 1,4-Dichlorobenzene
 Concen: 20.51 ng
 RT: 6.90 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Tgt Ion:146 Resp: 579445
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.4 77.0
 111 44.1 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E
 1000000
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 21.62 ng

RT: 6.90 min Scan# 456

Delta R.T. -0.15 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleId :

PB94898BS

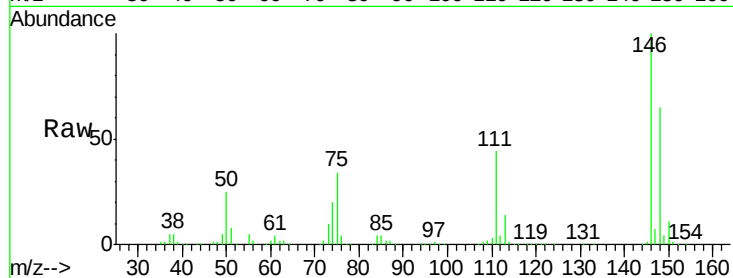
Tgt Ion:146 Resp: 579445

Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.6

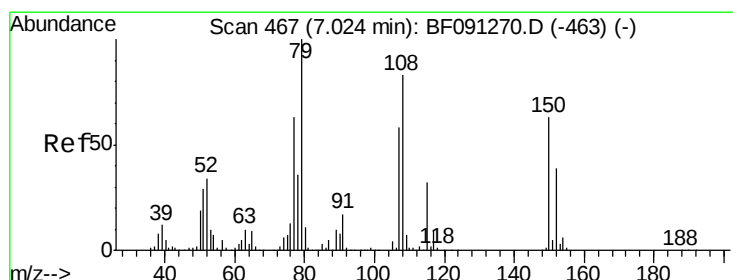
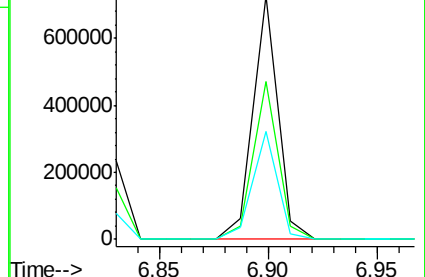
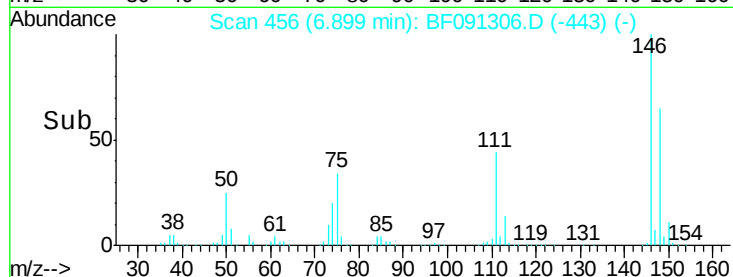
111 44.1 38.9 58.3



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: 21.60 ng

RT: 7.02 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

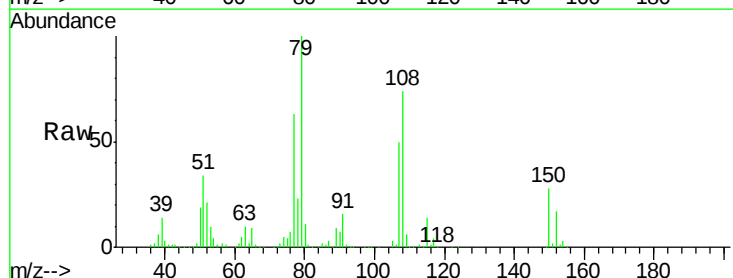
Tgt Ion: 79 Resp: 500803

Ion Ratio Lower Upper

79 100

108 73.5 62.7 94.1

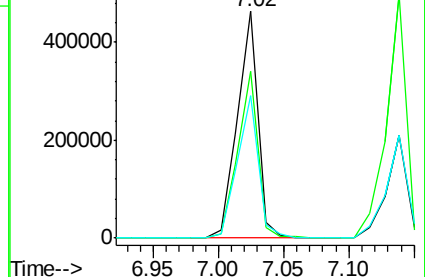
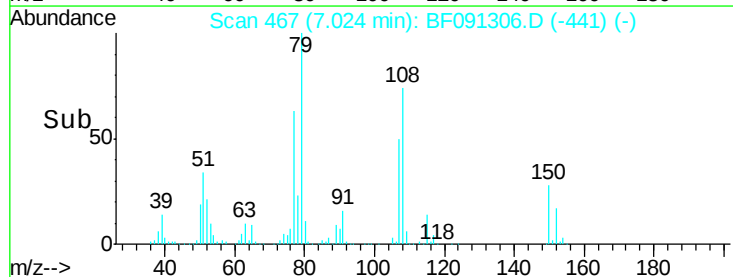
77 62.8 51.7 77.5

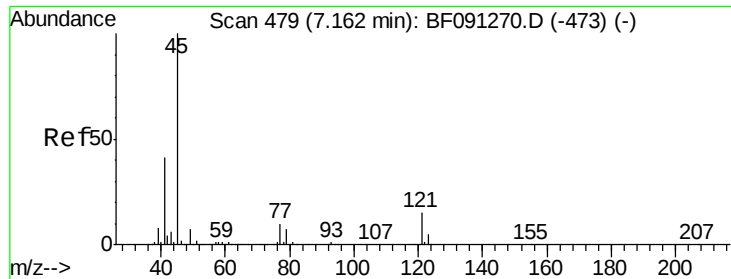


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

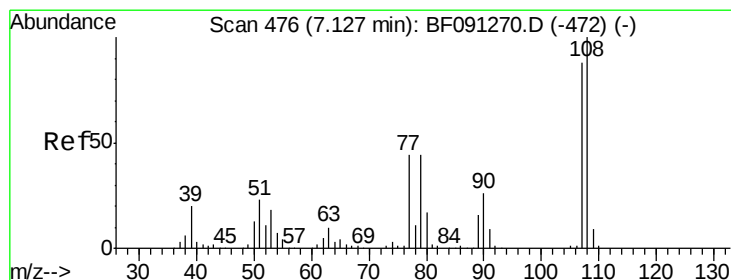
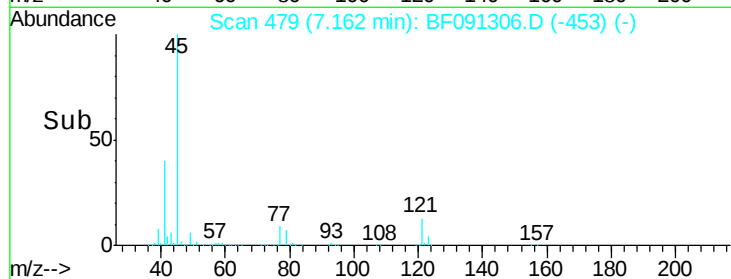
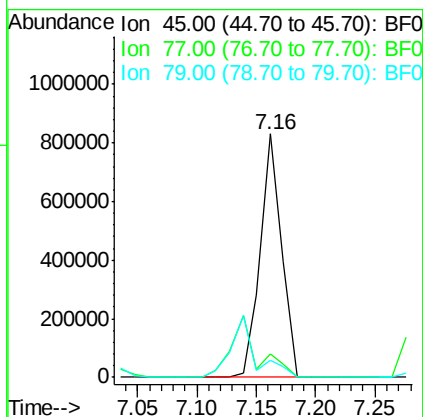
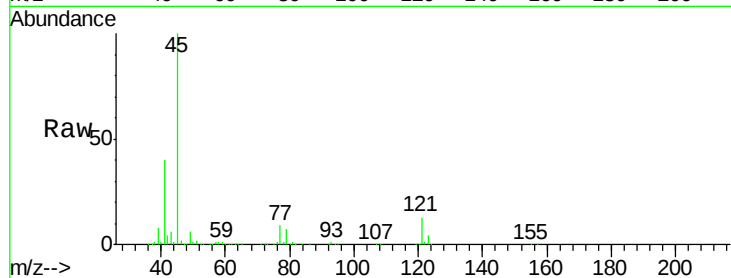




#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.43 ng
RT: 7.16 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

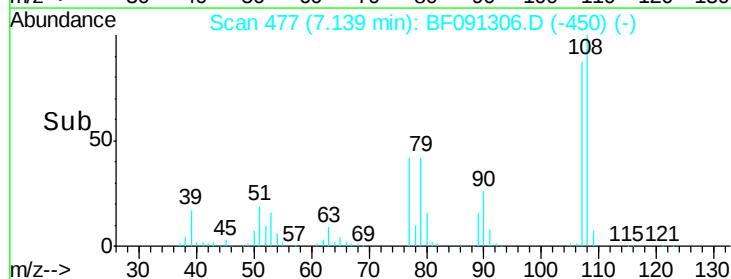
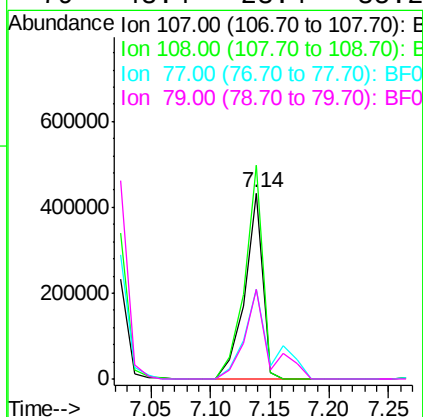
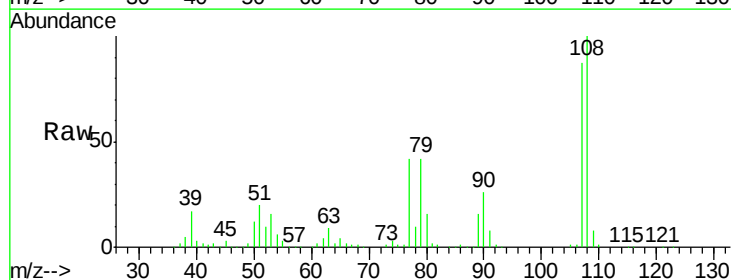
Instrument :
BNA_F
ClientSampled :
PB94898BS

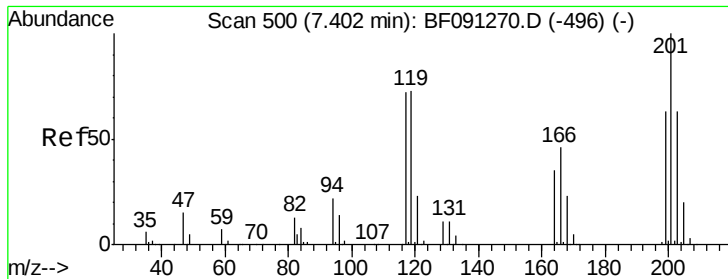
Tgt Ion: 45 Resp: 1043438
Ion Ratio Lower Upper
45 100
77 9.5 3.8 43.8
79 7.0 0.2 40.2



#17
2-Methylphenol
Concen: 22.71 ng
RT: 7.14 min Scan# 477
Delta R.T. 0.01 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion: 107 Resp: 454917
Ion Ratio Lower Upper
107 100
108 114.8 67.7 101.5#
77 48.4 40.7 61.1
79 48.4 23.4 35.2#

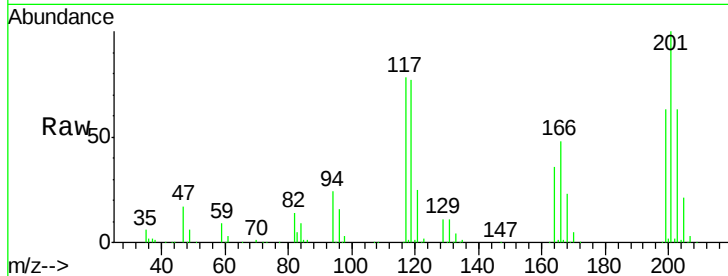




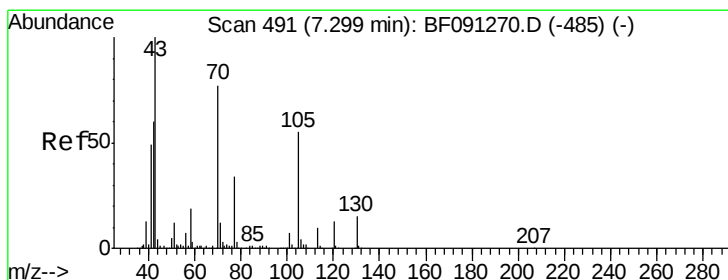
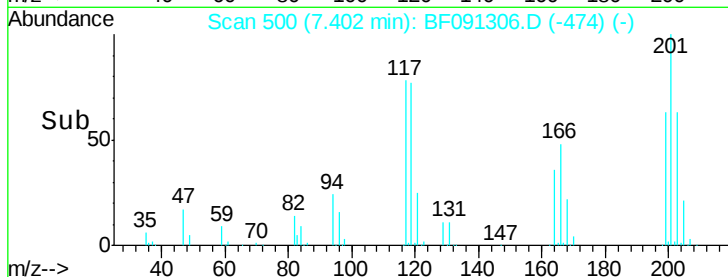
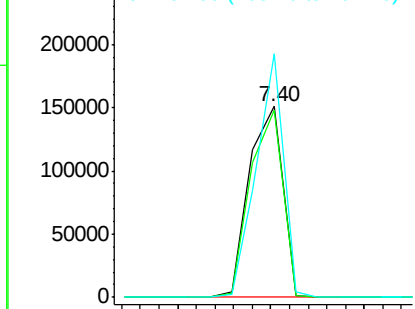
#18
Hexachloroethane
Concen: 18.59 ng
RT: 7.40 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Instrument :
BNA_F
ClientSampleId :
PB94898BS

Tgt Ion: 117 Resp: 186923
Ion Ratio Lower Upper
117 100
119 98.3 78.6 118.0
201 127.8 86.7 130.1

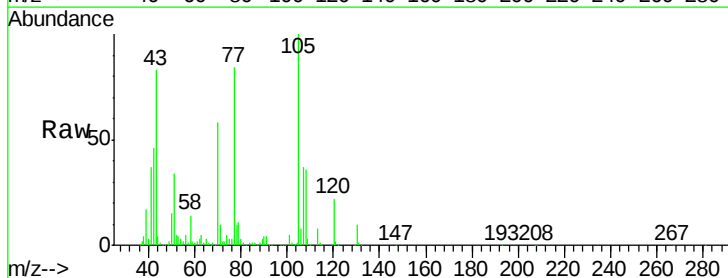


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

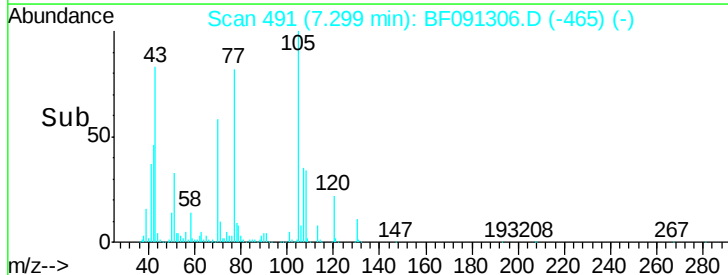
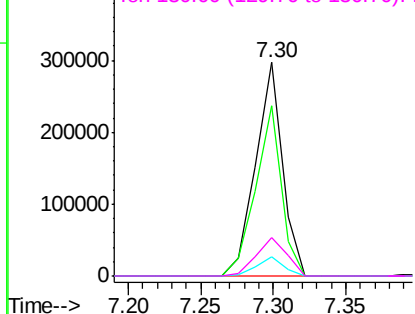


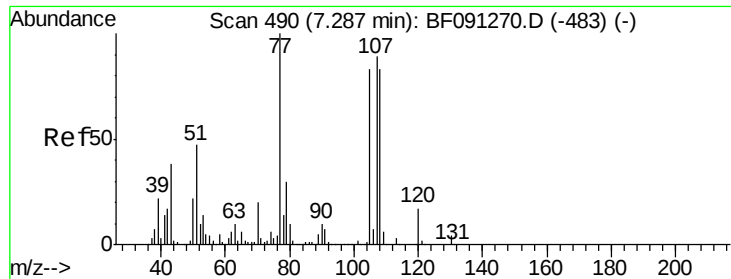
#19
n-Nitroso-di-n-propylamine
Concen: 20.40 ng
RT: 7.30 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion: 70 Resp: 382070
Ion Ratio Lower Upper
70 100
42 79.5 64.8 97.2
101 8.9 6.2 9.4
130 18.0 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

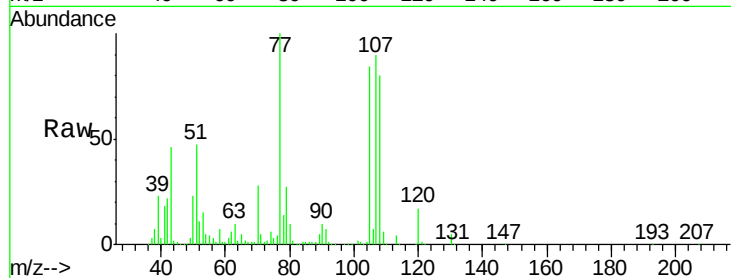




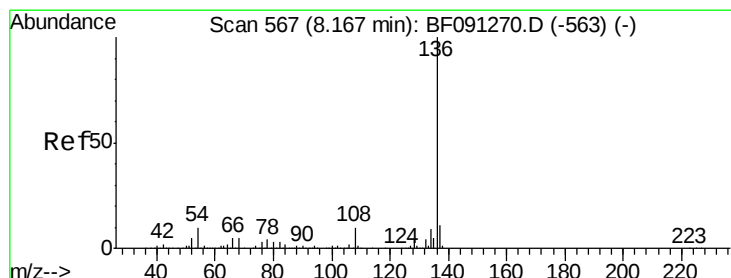
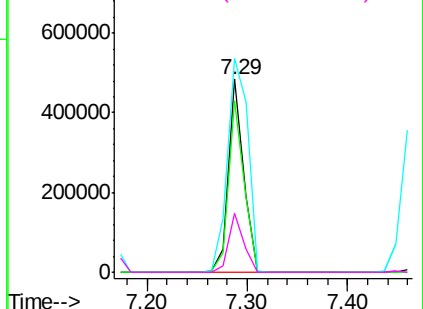
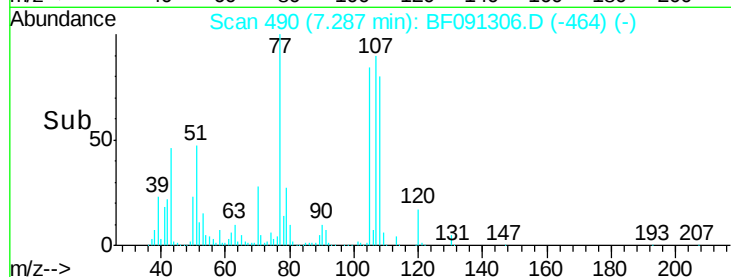
#20
3+4-Methylphenols
Concen: 20.55 ng
RT: 7.29 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Instrument :
BNA_F
ClientSampleId :
PB94898BS

Tgt Ion:107 Resp: 505158
Ion Ratio Lower Upper
107 100
108 88.7 64.6 104.6
77 110.6 30.9 70.9#
79 30.2 9.3 49.3

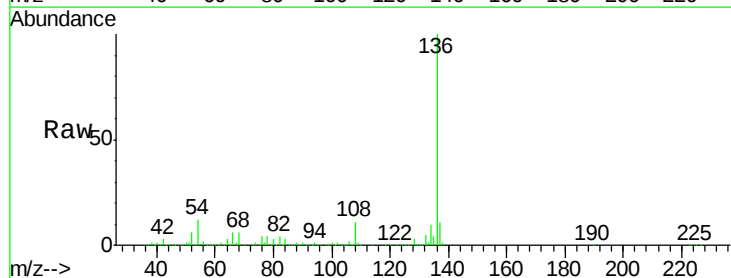


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

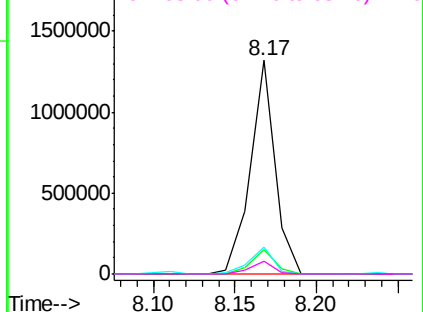
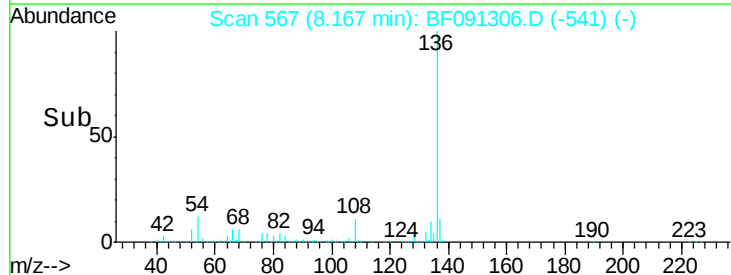


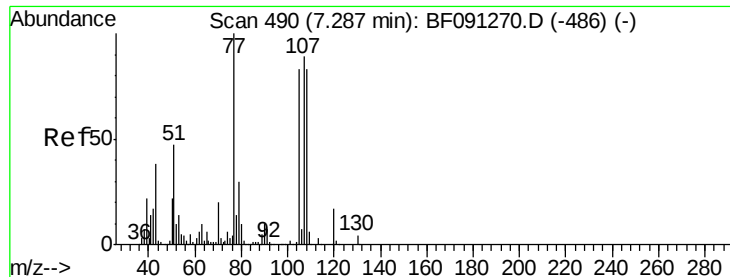
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion:136 Resp: 1381390
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 12.4 9.1 13.7
68 6.3 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: 24.17 ng

RT: 7.30 min Scan# 491

Delta R.T. 0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleId :

PB94898BS

Tgt Ion: 105 Resp: 753513

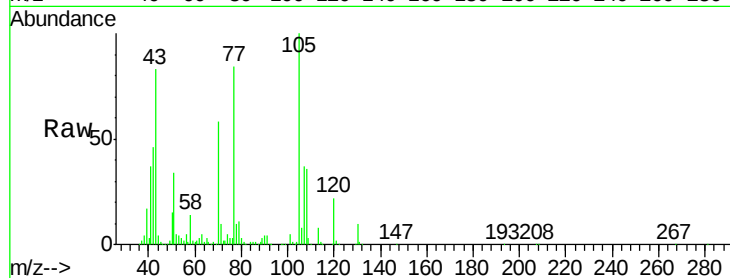
Ion Ratio Lower Upper

105 100

71 9.8 7.9 11.9

51 33.8 24.5 36.7

120 21.8 16.6 24.8



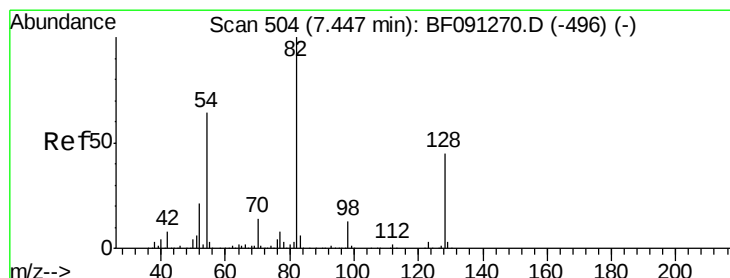
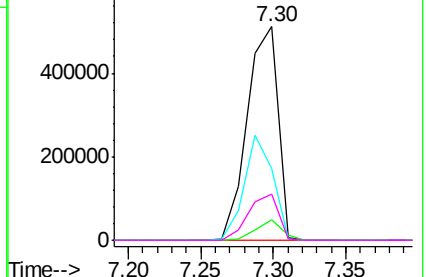
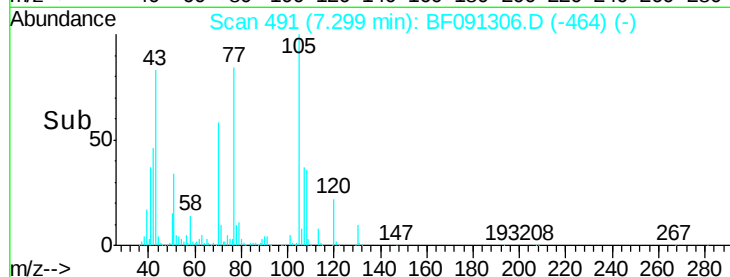
Abundance Ion 105.00 (104.70 to 105.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 46.70 ng

RT: 7.45 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

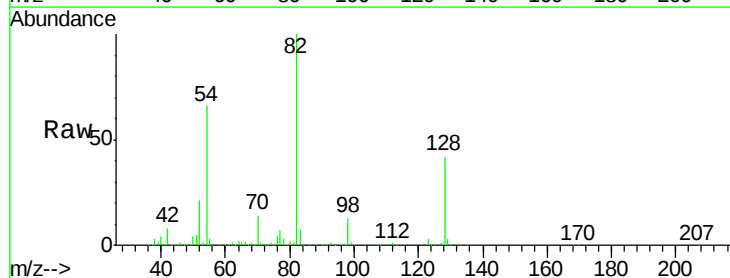
Tgt Ion: 82 Resp: 1120506

Ion Ratio Lower Upper

82 100

128 41.9 31.8 47.6

54 65.6 49.1 73.7

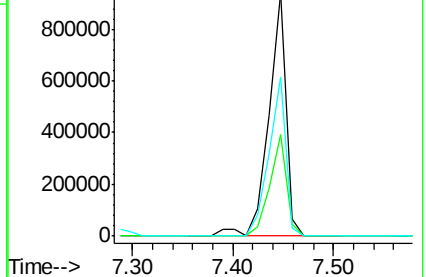
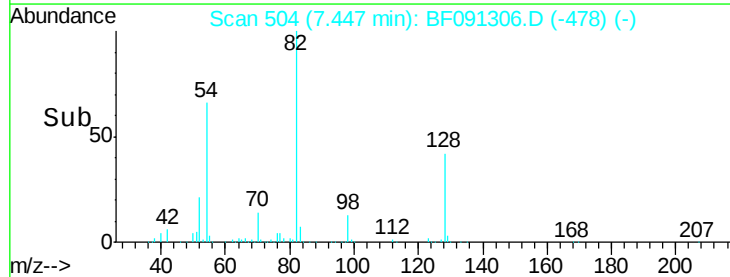


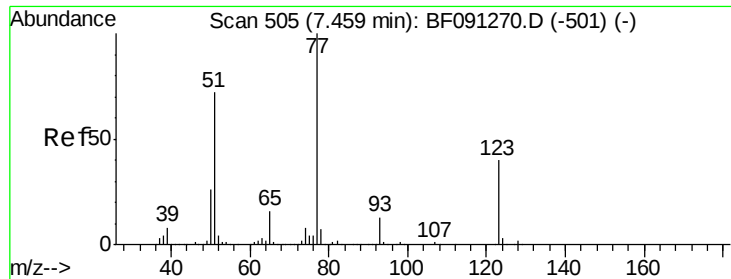
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->





#24

Nitrobenzene

Concen: 23.17 ng

RT: 7.47 min Scan# 506

Delta R.T. 0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleId :

PB94898BS

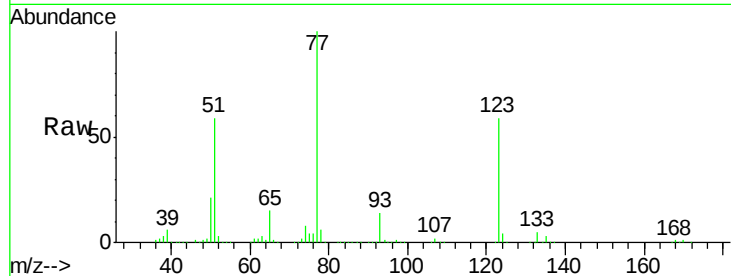
Tgt Ion: 77 Resp: 588255

Ion Ratio Lower Upper

77 100

123 58.5 28.5 42.7#

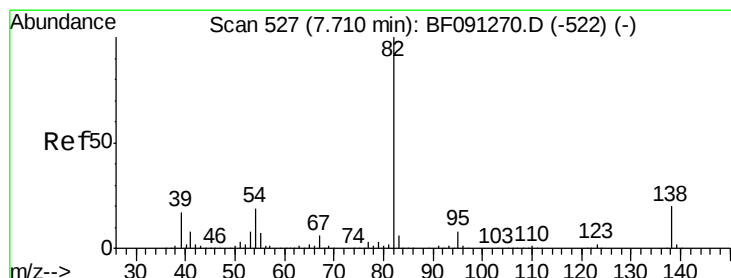
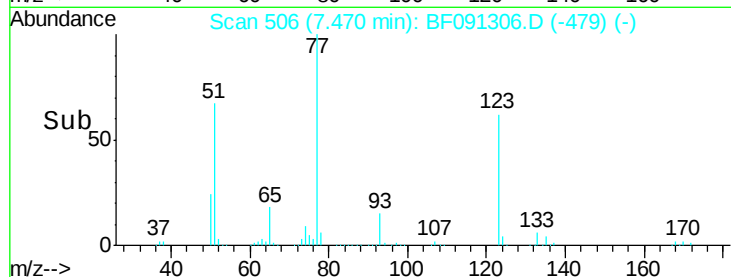
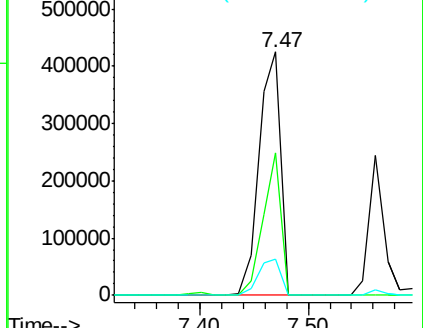
65 14.7 12.5 18.7



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: 24.34 ng

RT: 7.71 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

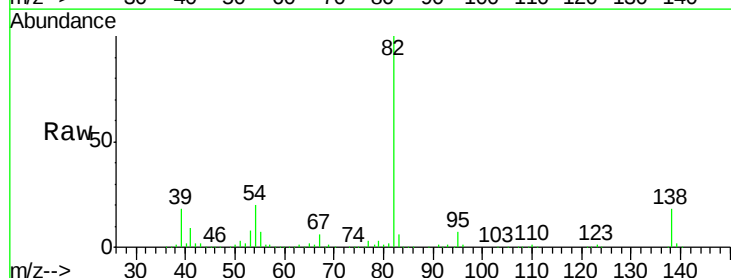
Tgt Ion: 82 Resp: 1090922

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

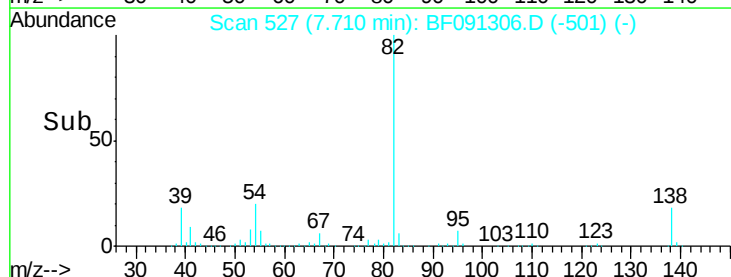
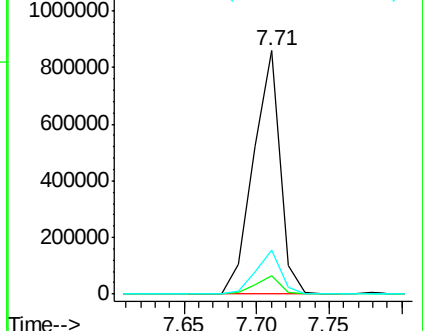
138 18.1 13.4 20.0

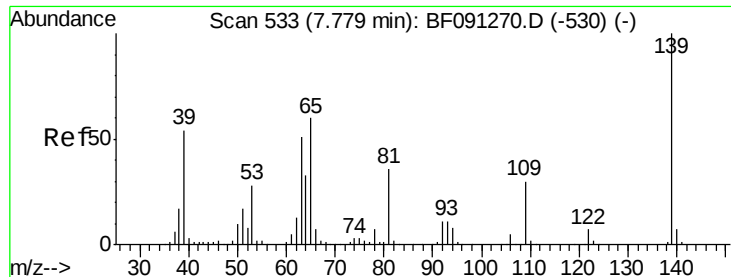


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

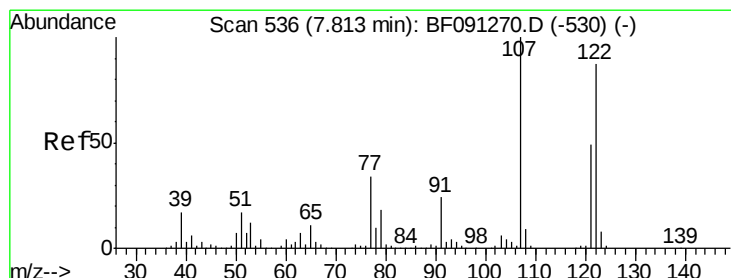
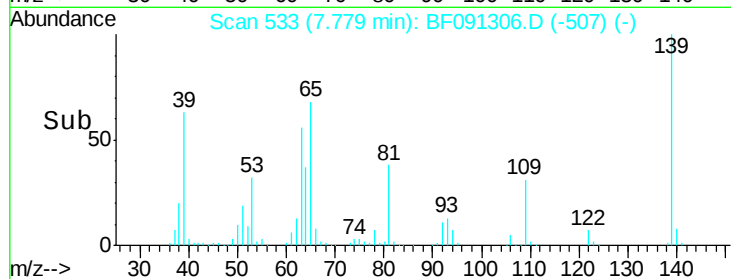
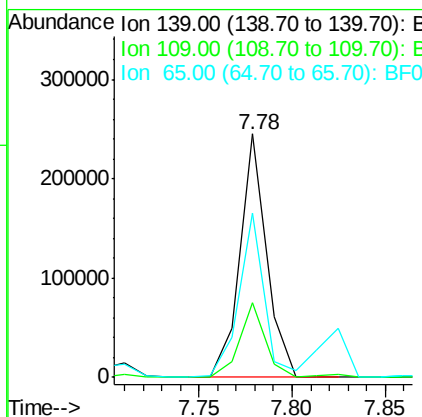
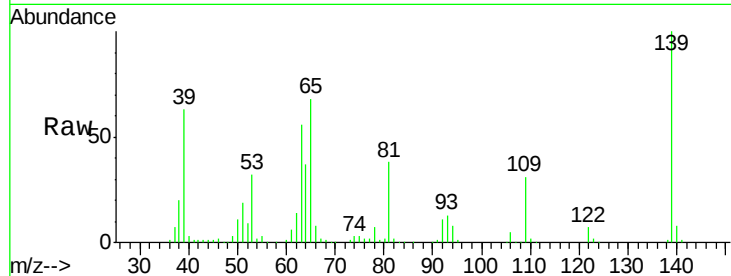




#26
 2-Nitrophenol
 Concen: 24.03 ng
 RT: 7.78 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

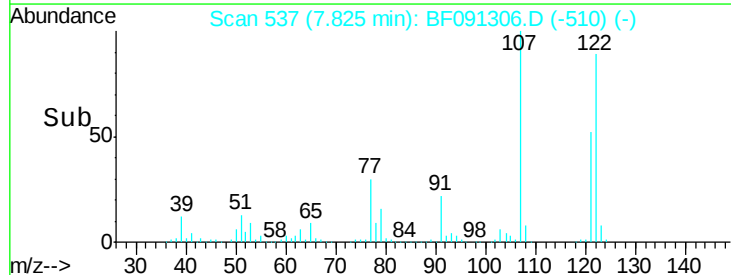
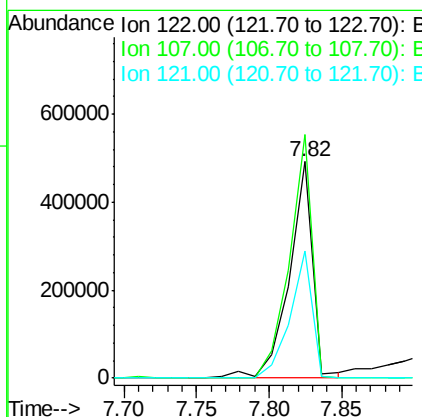
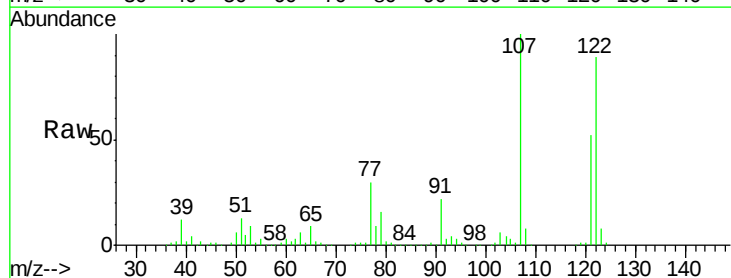
Instrument :
 BNA_F
 ClientSampleId :
 PB94898BS

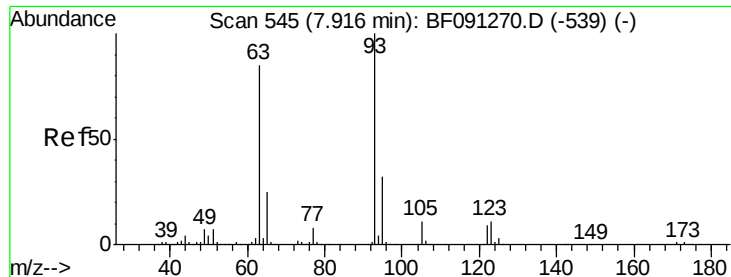
Tgt Ion:139 Resp: 244720
 Ion Ratio Lower Upper
 139 100
 109 30.8 25.3 37.9
 65 67.6 55.4 83.2



#27
 2,4-Dimethylphenol
 Concen: 25.55 ng
 RT: 7.82 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Tgt Ion:122 Resp: 546031
 Ion Ratio Lower Upper
 122 100
 107 112.4 96.8 145.2
 121 58.5 47.7 71.5

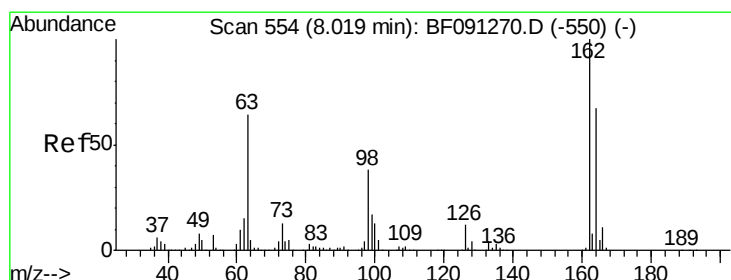
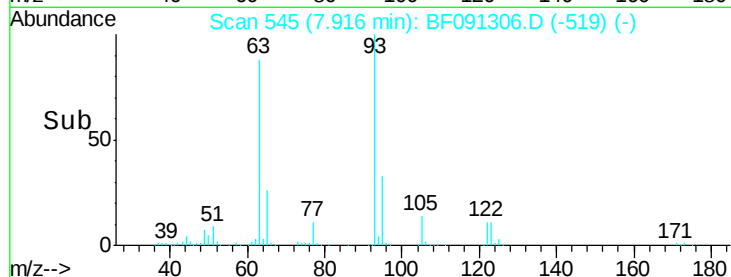
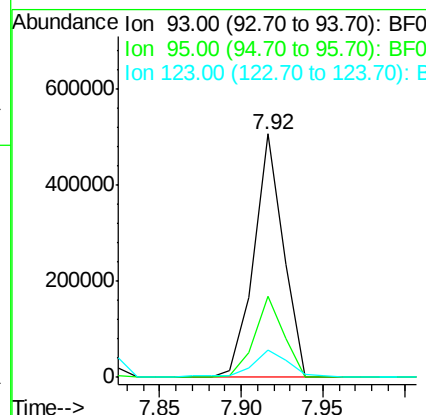
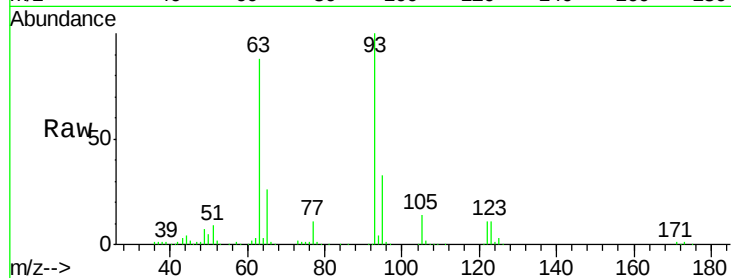




#28
bis(2-Chloroethoxy)methane
Concen: 23.62 ng
RT: 7.92 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

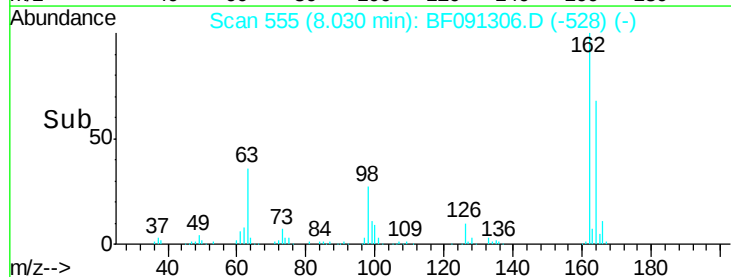
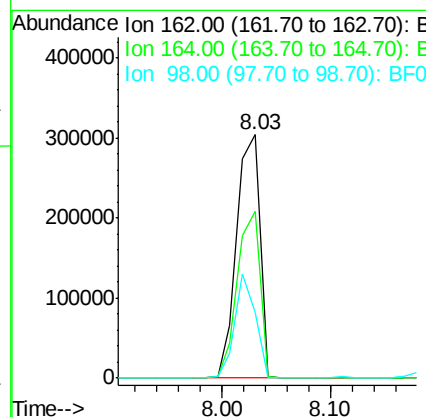
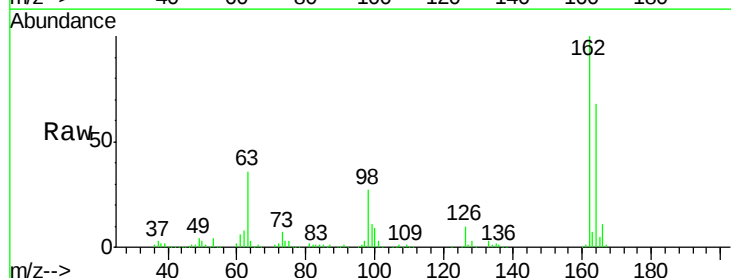
Instrument :
BNA_F
ClientSampleId :
PB94898BS

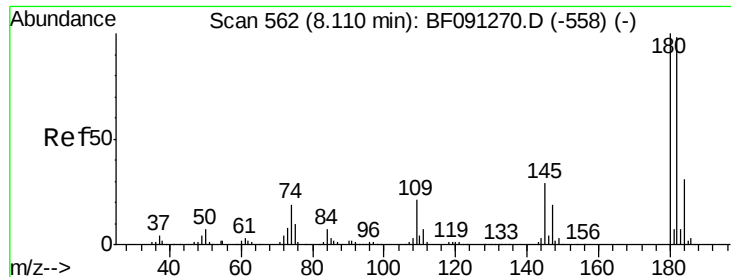
Tgt Ion: 93 Resp: 630306
Ion Ratio Lower Upper
93 100
95 33.1 26.0 39.0
123 11.2 8.6 12.8



#29
2,4-Dichlorophenol
Concen: 23.65 ng
RT: 8.03 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion: 162 Resp: 446614
Ion Ratio Lower Upper
162 100
164 68.3 45.0 85.0
98 27.1 21.3 61.3

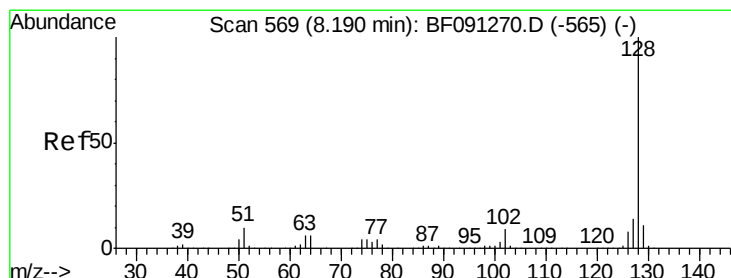
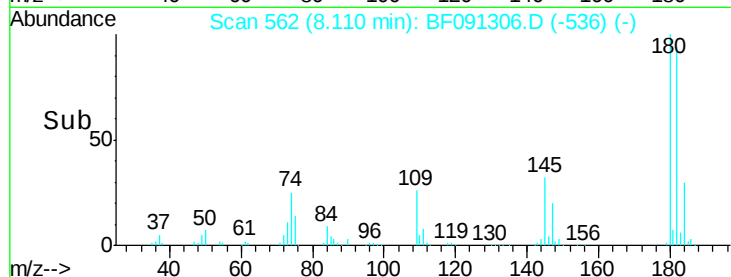
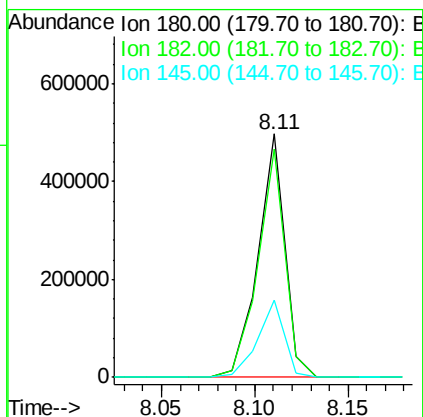
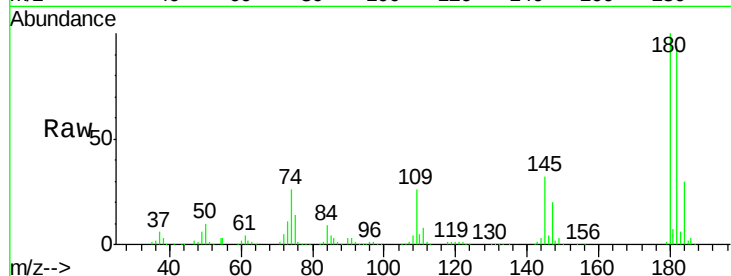




#30
 1,2,4-Trichlorobenzene
 Concen: 22.65 ng
 RT: 8.11 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

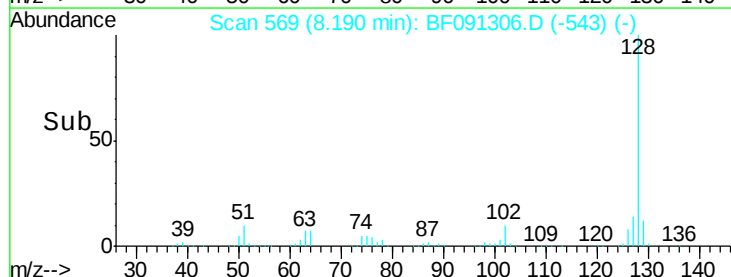
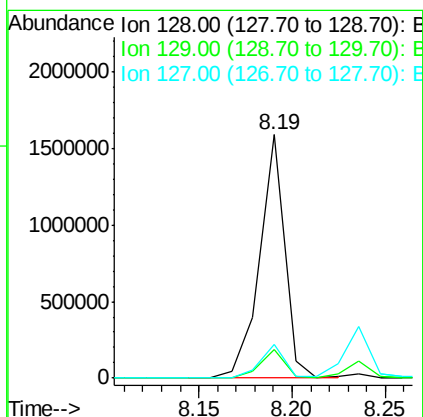
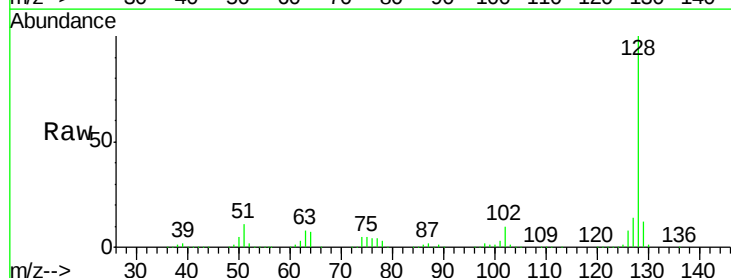
Instrument :
 BNA_F
 ClientSampleId :
 PB94898BS

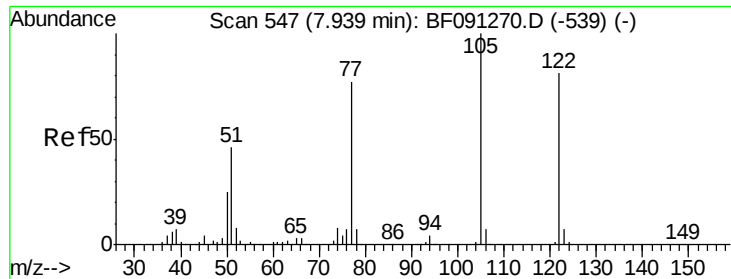
Tgt Ion:180 Resp: 492821
 Ion Ratio Lower Upper
 180 100
 182 94.0 75.8 113.8
 145 31.6 27.0 40.4



#31
 Naphthalene
 Concen: 22.15 ng
 RT: 8.19 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Tgt Ion:128 Resp: 1472183
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.1 13.7
 127 13.7 11.0 16.4





#32

Benzoic acid

Concen: 17.40 ng

RT: 7.94 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleId :

PB94898BS

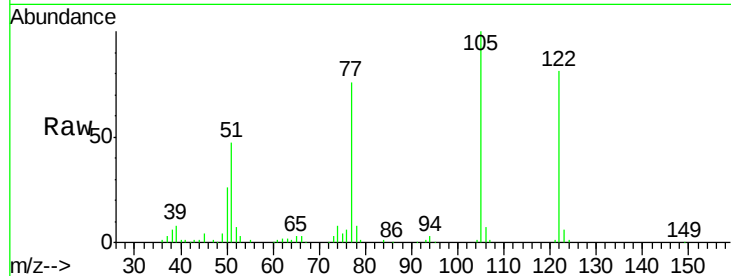
Tgt Ion:122 Resp: 292821

Ion Ratio Lower Upper

122 100

105 123.9 113.0 153.0

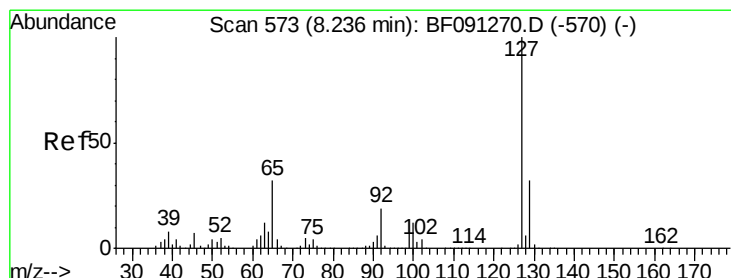
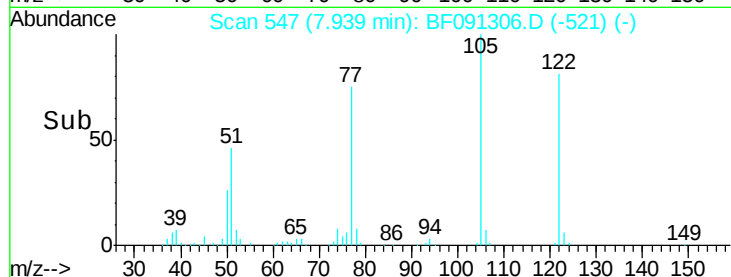
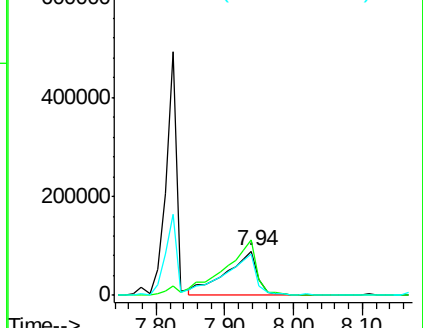
77 94.6 82.0 122.0



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: 11.53 ng

RT: 8.24 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Tgt Ion:127 Resp: 333367

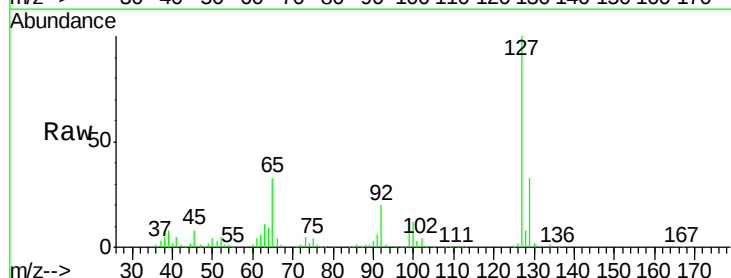
Ion Ratio Lower Upper

127 100

129 32.6 26.2 39.4

65 32.7 26.6 39.8

92 19.6 15.4 23.0

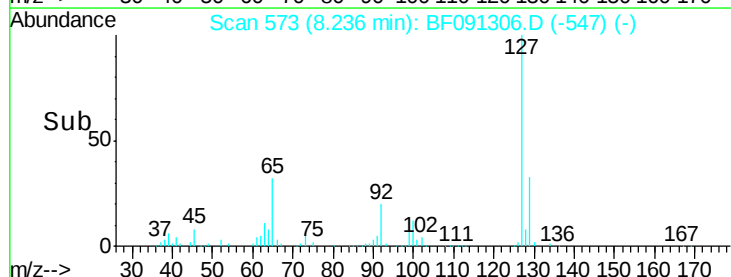
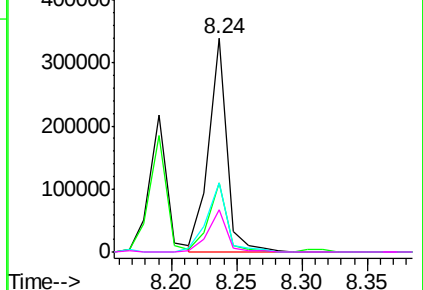


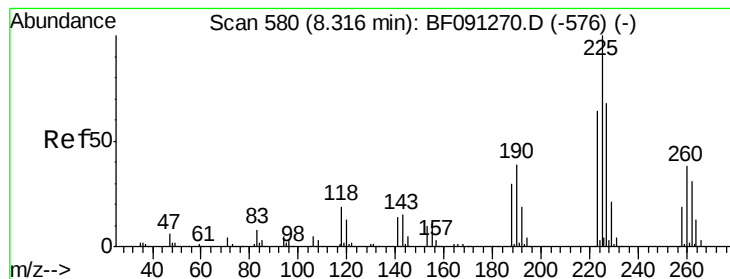
Abundance Ion 127.00 (126.70 to 127.70): E

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: 23.27 ng

RT: 8.32 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleId :

PB94898BS

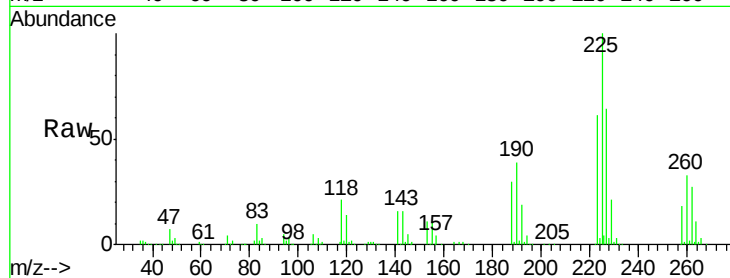
Tgt Ion:225 Resp: 299235

Ion Ratio Lower Upper

225 100

223 60.9 49.8 74.6

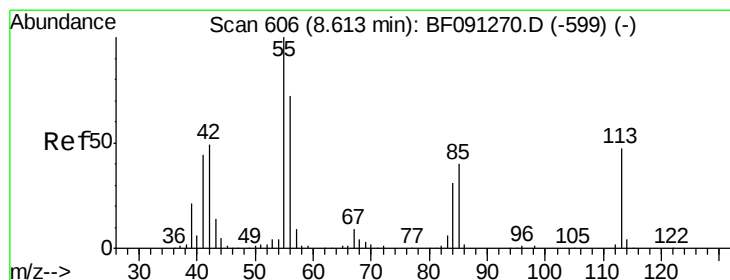
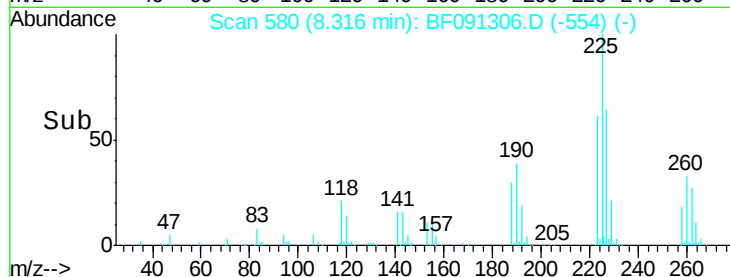
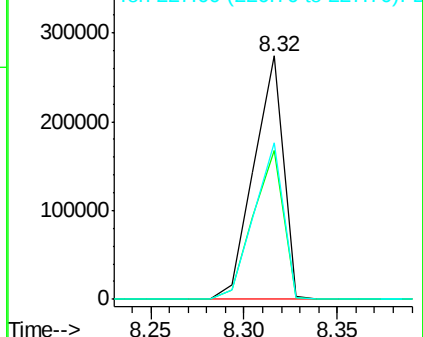
227 64.4 52.6 79.0



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: 23.66 ng

RT: 8.60 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

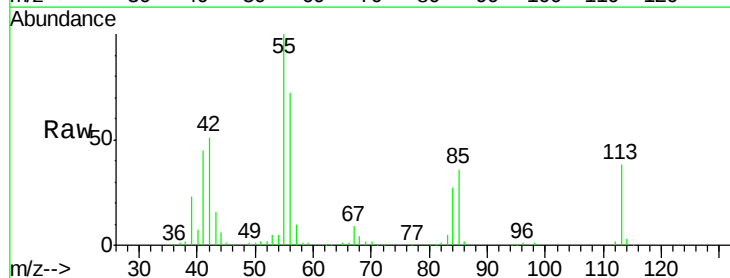
Tgt Ion:113 Resp: 137740

Ion Ratio Lower Upper

113 100

55 262.1 239.8 279.8

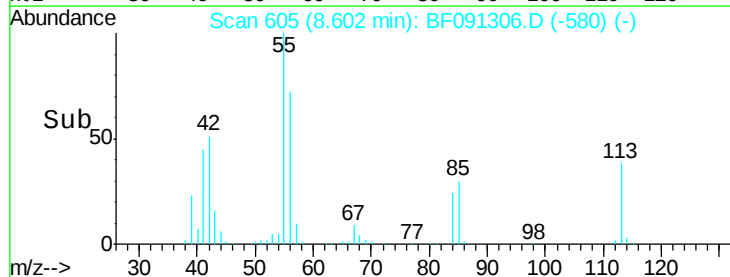
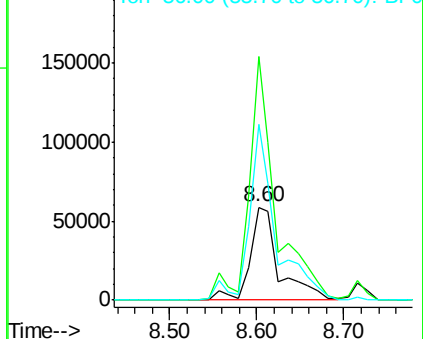
56 188.7 165.6 205.6

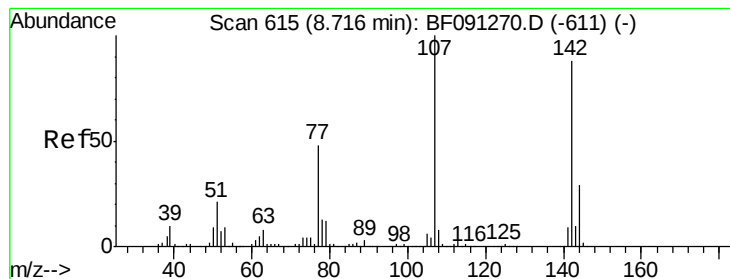


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 21.78 ng

RT: 8.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleId :

PB94898BS

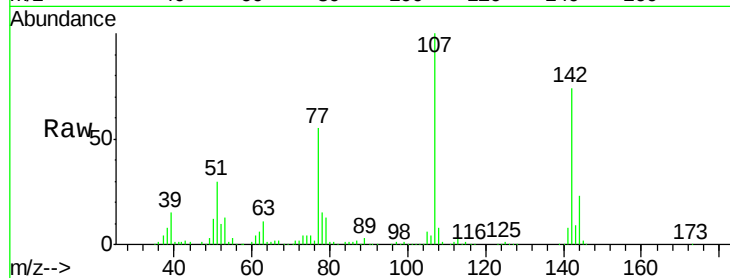
Tgt Ion:107 Resp: 442060

Ion Ratio Lower Upper

107 100

144 23.4 18.9 28.3

142 73.9 58.5 87.7

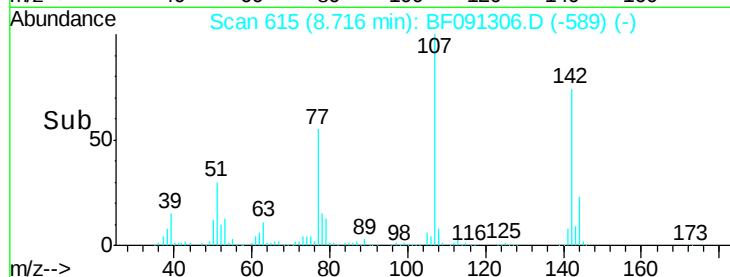


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

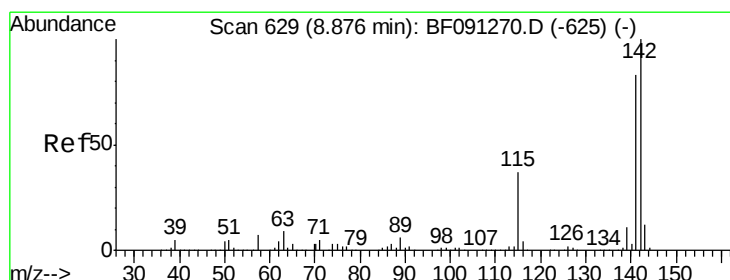
Ion 142.00 (141.70 to 142.70): E

Time-->



Abundance

Time-->



#37

2-Methylnaphthalene

Concen: 22.12 ng

RT: 8.89 min Scan# 630

Delta R.T. 0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

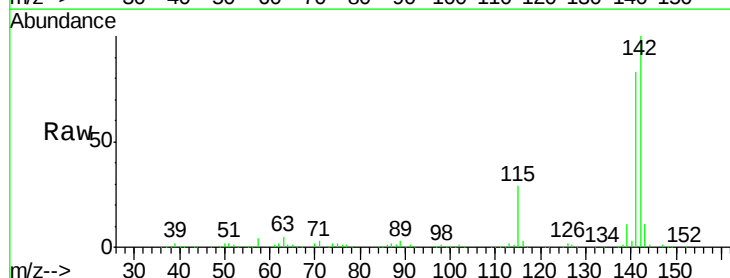
Tgt Ion:142 Resp: 1009059

Ion Ratio Lower Upper

142 100

141 83.4 71.7 107.5

115 28.8 25.0 37.6

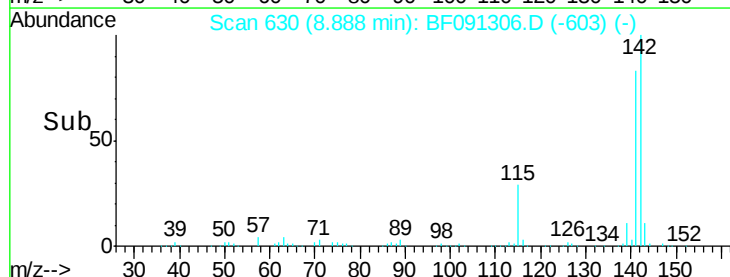


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

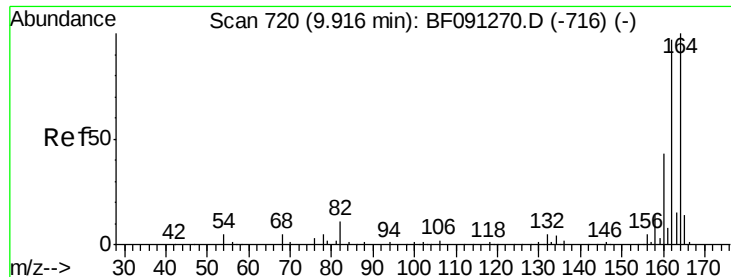
Ion 115.00 (114.70 to 115.70): E

Time-->



Abundance

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleId :

PB94898BS

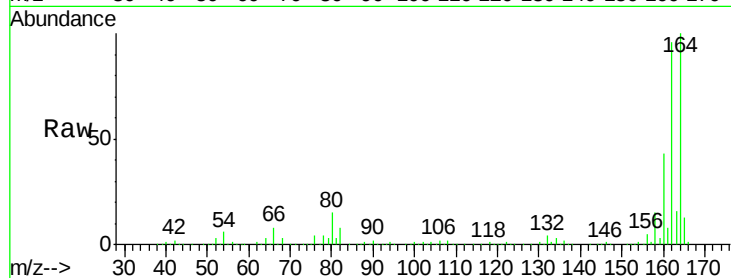
Tgt Ion:164 Resp: 772136

Ion Ratio Lower Upper

164 100

162 96.4 82.6 124.0

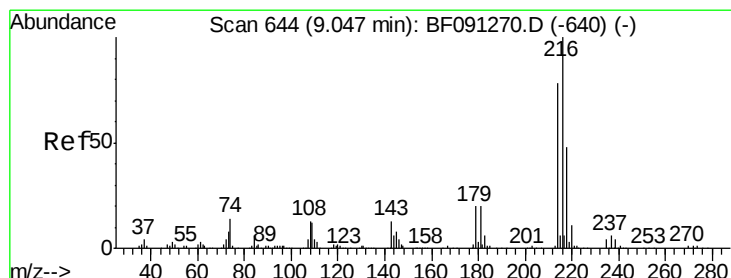
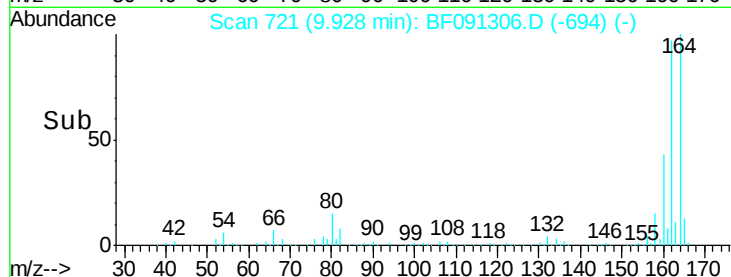
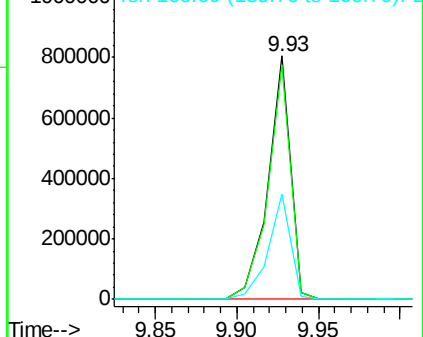
160 43.1 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.59 ng

RT: 9.05 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Tgt Ion:216 Resp: 451828

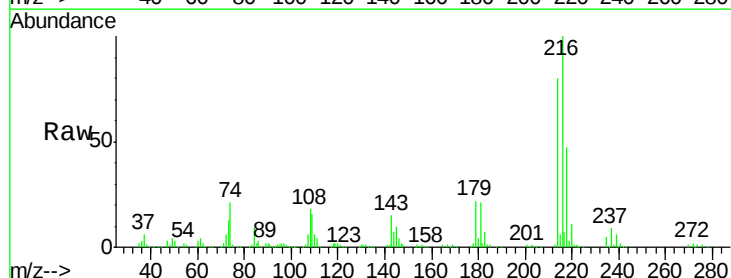
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.8

179 21.8 18.2 27.2

108 18.9 17.2 25.8

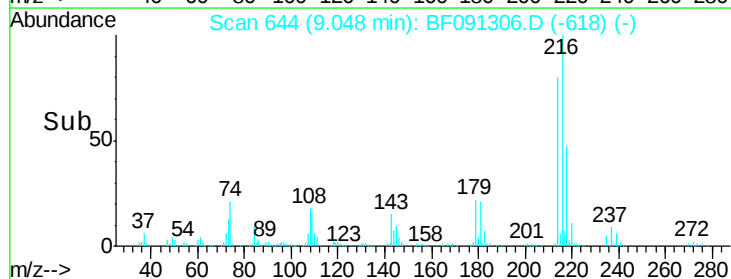
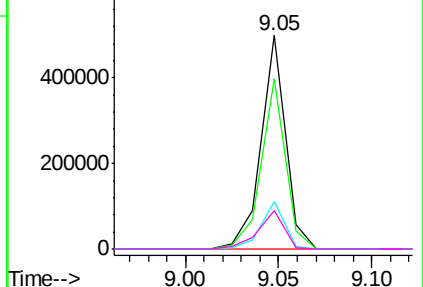


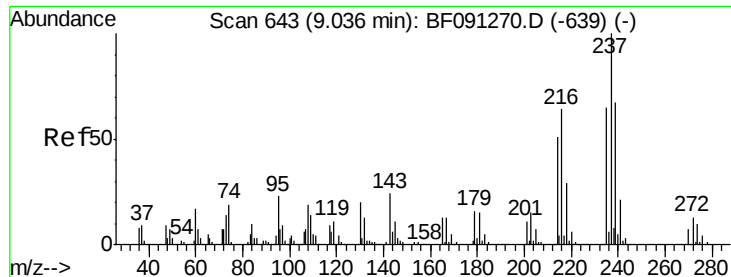
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

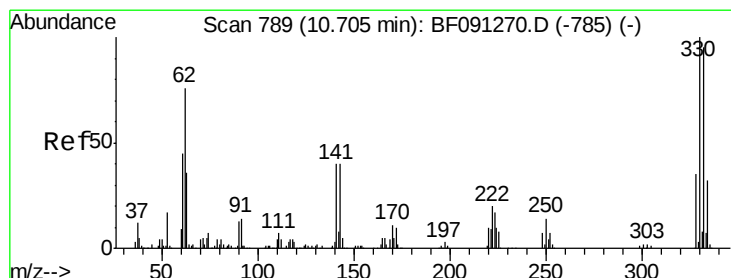
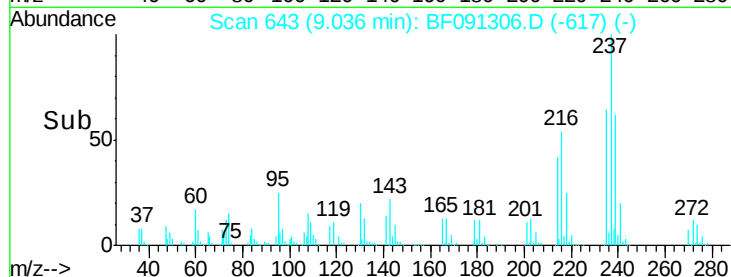
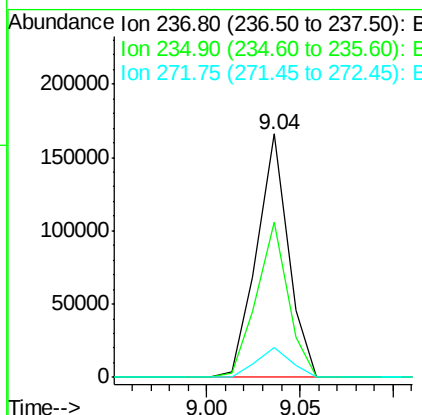
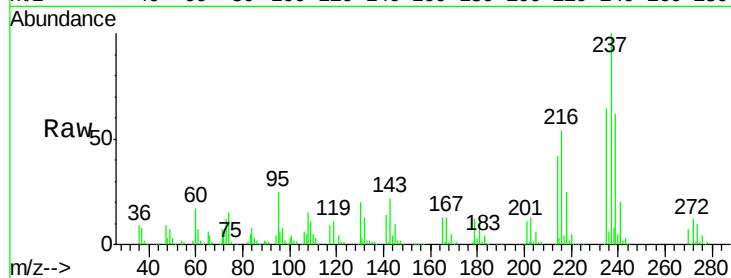




#40
Hexachlorocyclopentadiene
Concen: 20.85 ng
RT: 9.04 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

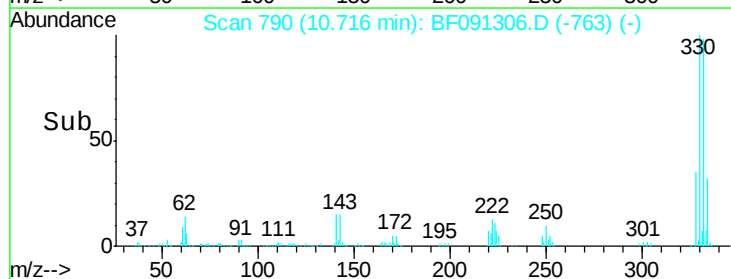
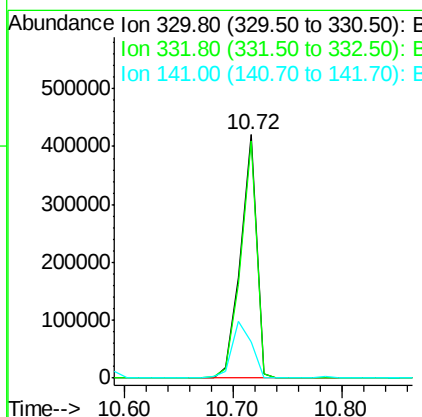
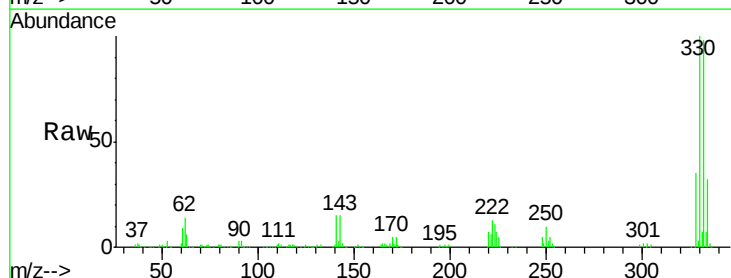
Instrument :
BNA_F
ClientSampleId :
PB94898BS

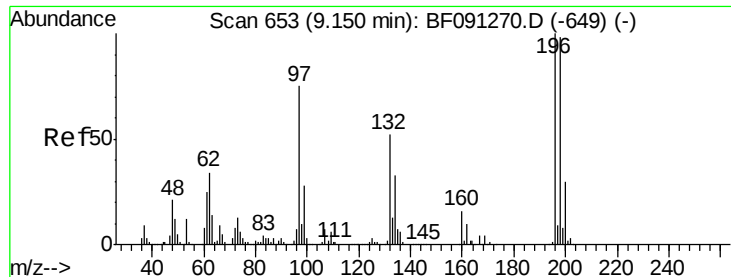
Tgt Ion:237 Resp: 195251
Ion Ratio Lower Upper
237 100
235 63.8 43.9 83.9
272 12.3 0.0 33.1



#41
2,4,6-Tribromophenol
Concen: 54.86 ng
RT: 10.72 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion:330 Resp: 427196
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 28.0 33.6 50.4#





#42

2,4,6-Trichlorophenol

Concen: 23.99 ng

RT: 9.16 min Scan# 654

Delta R.T. 0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleId :

PB94898BS

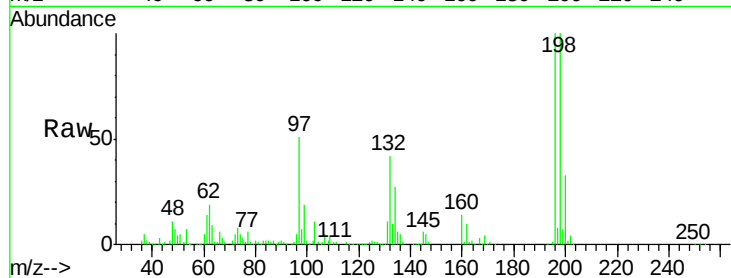
Tgt Ion:196 Resp: 346212

Ion Ratio Lower Upper

196 100

198 99.5 77.4 116.0

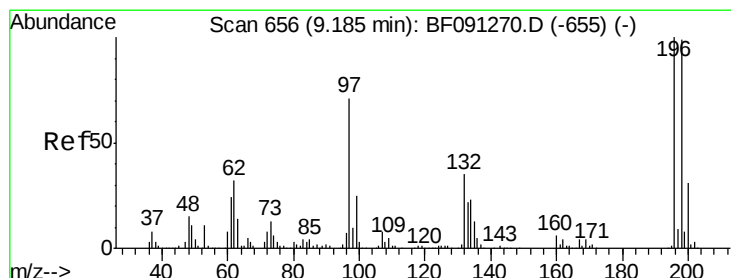
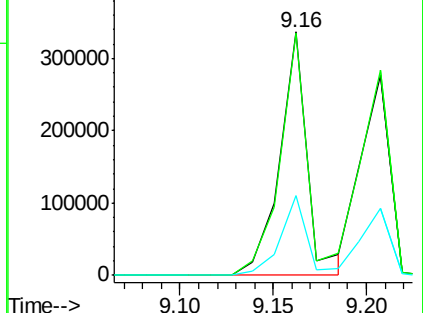
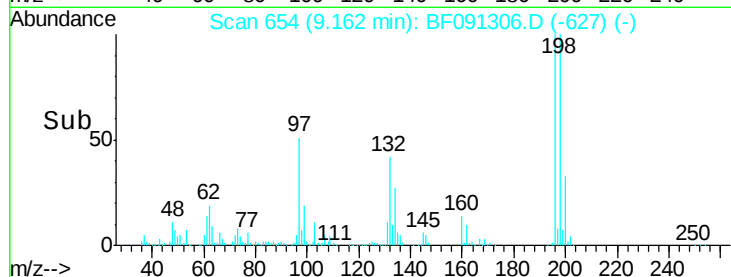
200 32.7 25.2 37.8



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: 21.41 ng

RT: 9.21 min Scan# 658

Delta R.T. 0.02 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Tgt Ion:196 Resp: 296853

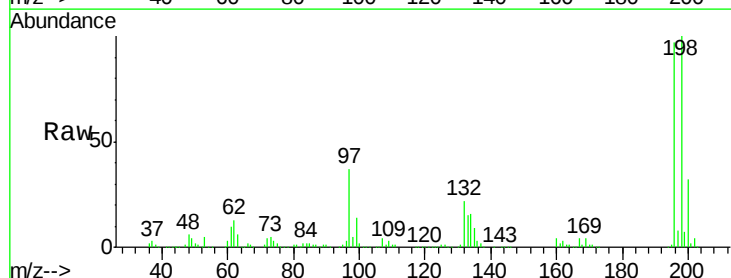
Ion Ratio Lower Upper

196 100

198 103.1 77.0 115.6

97 37.6 33.5 50.3

132 23.2 20.5 30.7

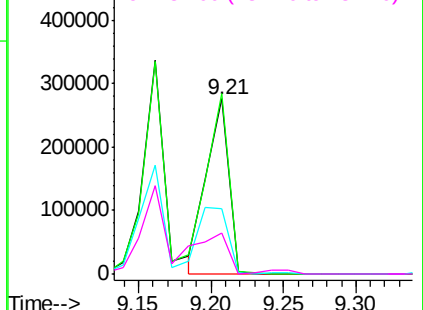
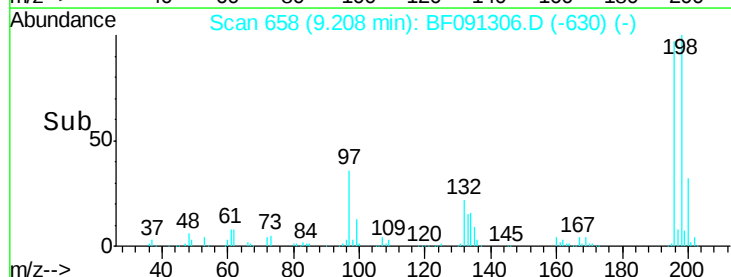


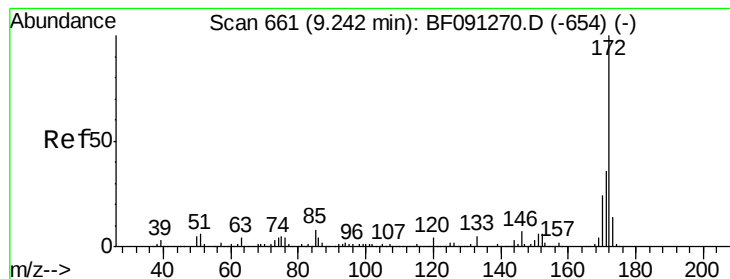
Abundance Ion 196.00 (195.70 to 196.70): E

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: 42.89 ng

RT: 9.25 min Scan# 662

Delta R.T. 0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

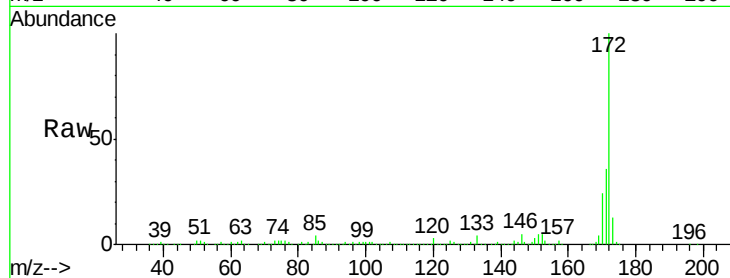
BNA_F

ClientSampleId :

PB94898BS

Tgt Ion:172 Resp: 2022577

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.2	19.7	29.5

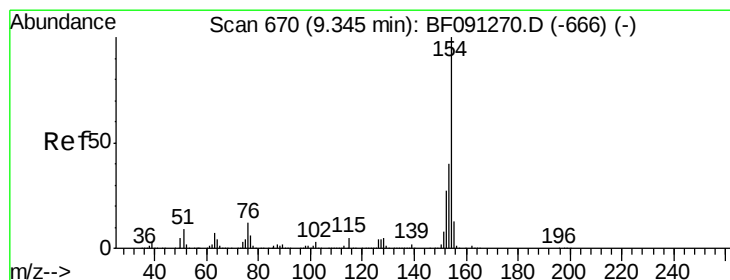
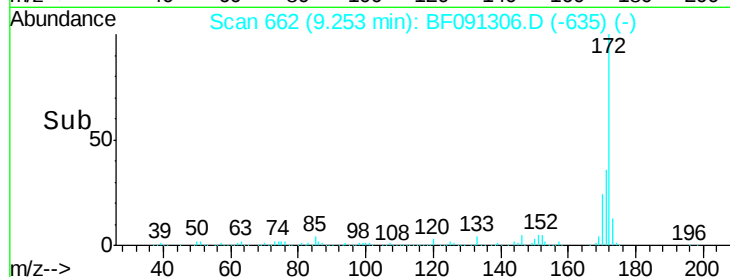
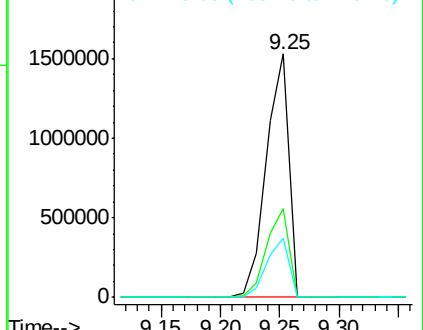


Abundance

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: 19.58 ng

RT: 9.34 min Scan# 670

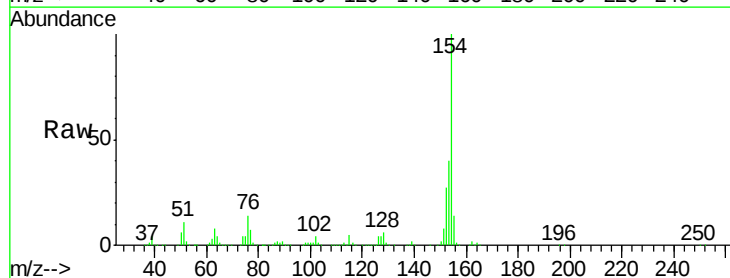
Delta R.T. 0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Tgt Ion:154 Resp: 1090060

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.6	60.6
76	13.7	0.0	36.6

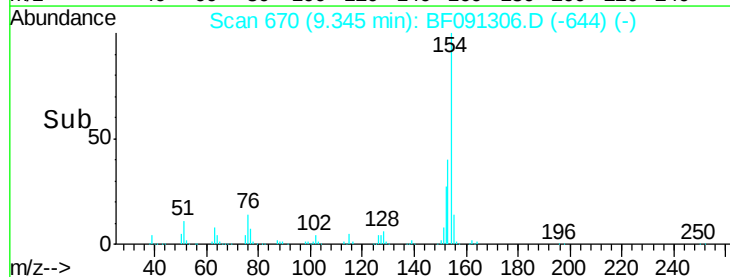
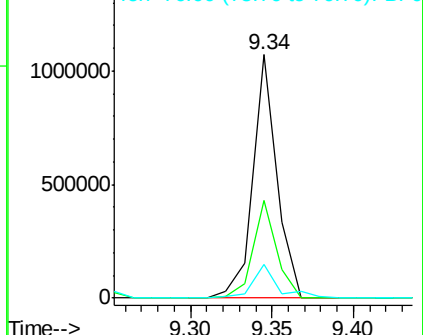


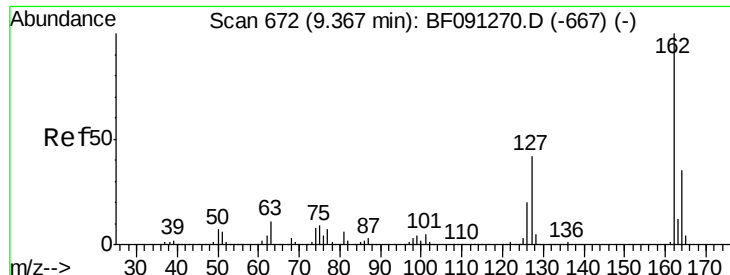
Abundance

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

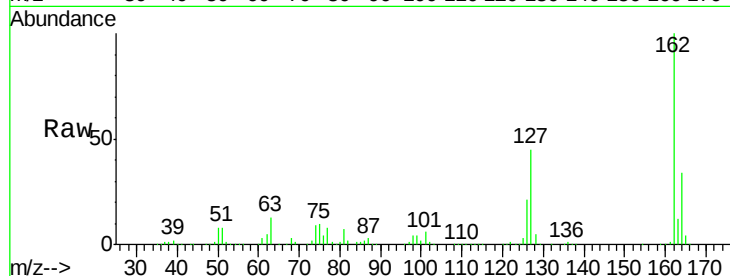




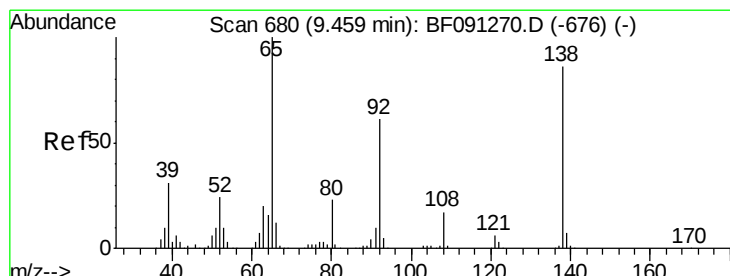
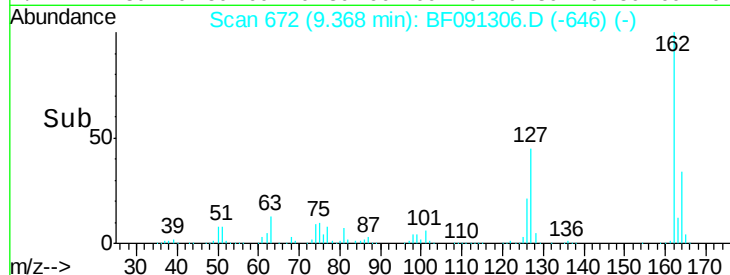
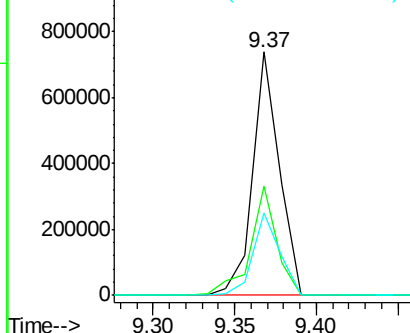
#46
 2-Chloronaphthalene
 Concen: 20.46 ng
 RT: 9.37 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.9	34.3	51.5
164	33.9	26.6	40.0

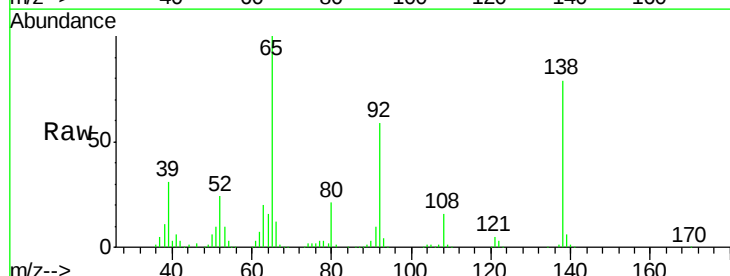


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

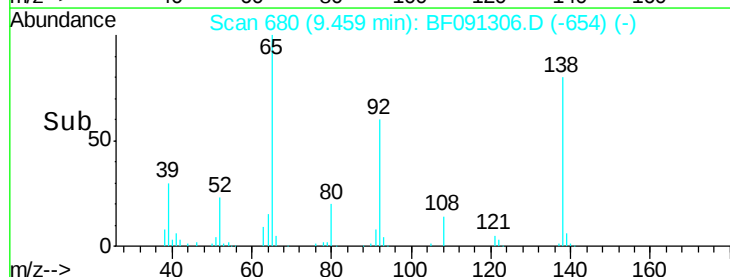
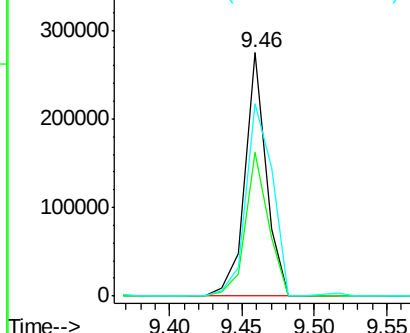


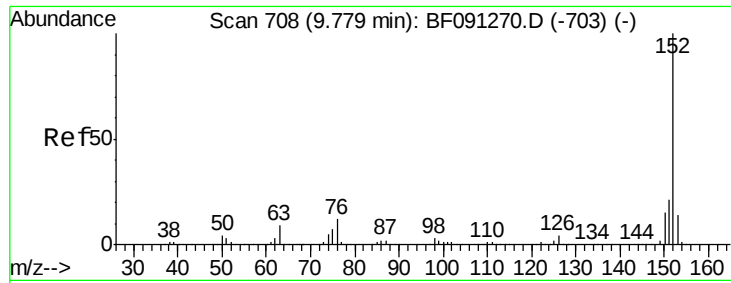
#47
 2-Nitroaniline
 Concen: 20.27 ng
 RT: 9.46 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.2	53.6	80.4
138	79.1	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: 20.59 ng

RT: 9.79 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleId :

PB94898BS

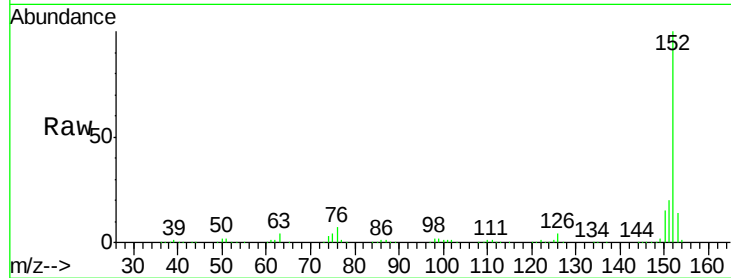
Tgt Ion:152 Resp: 1345912

Ion Ratio Lower Upper

152 100

151 20.4 16.6 24.8

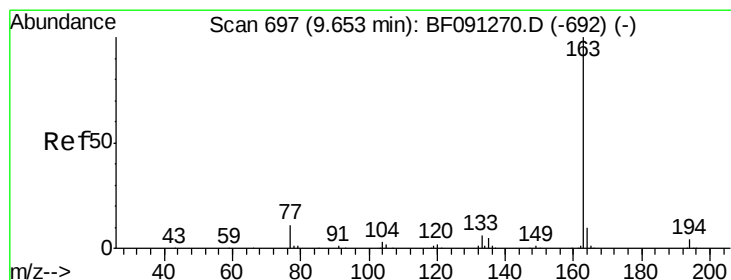
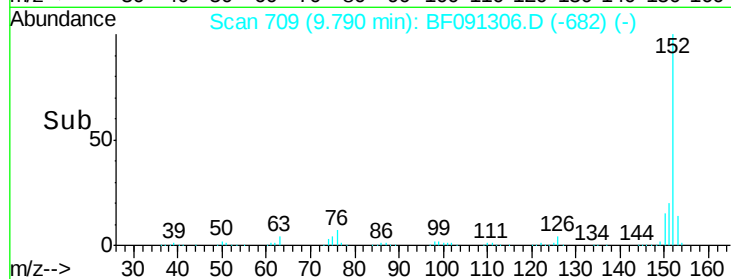
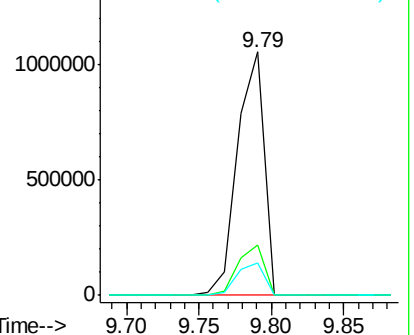
153 13.6 10.7 16.1



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: 23.26 ng

RT: 9.65 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

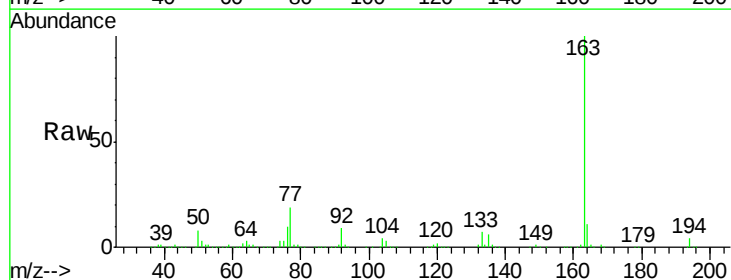
Tgt Ion:163 Resp: 1121142

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

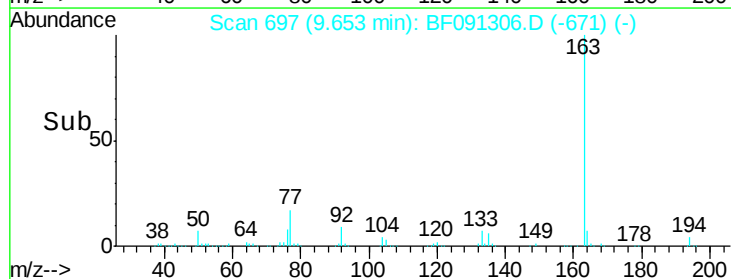
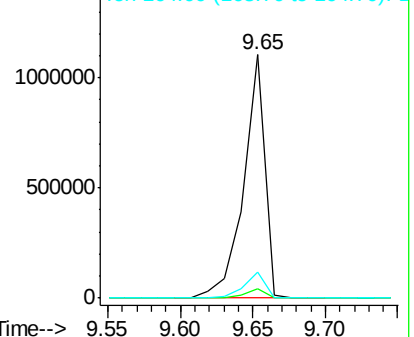
164 10.7 7.8 11.8

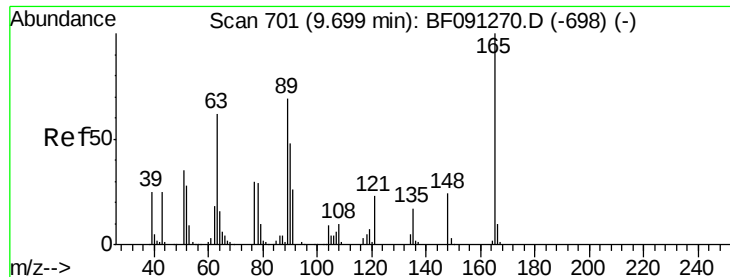


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

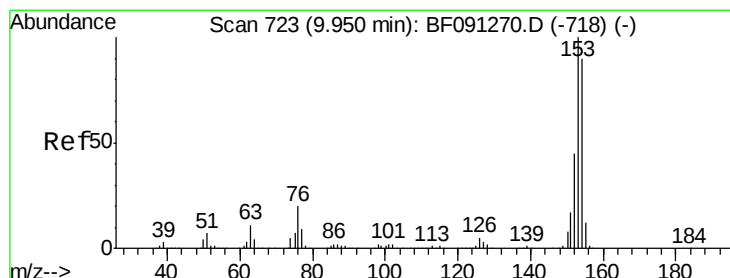
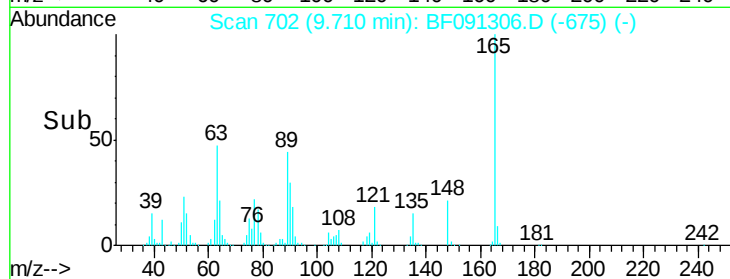
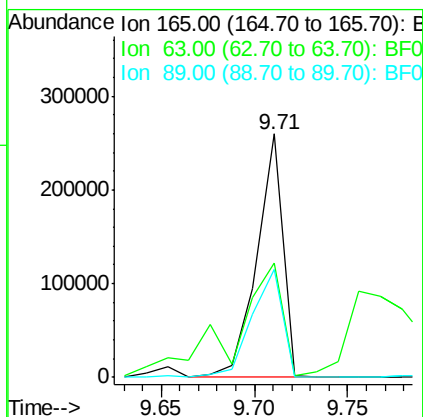
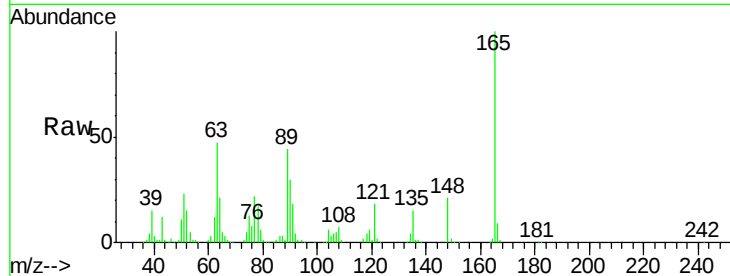




#50
2,6-Dinitrotoluene
Concen: 24.22 ng
RT: 9.71 min Scan# 702
Delta R.T. 0.01 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

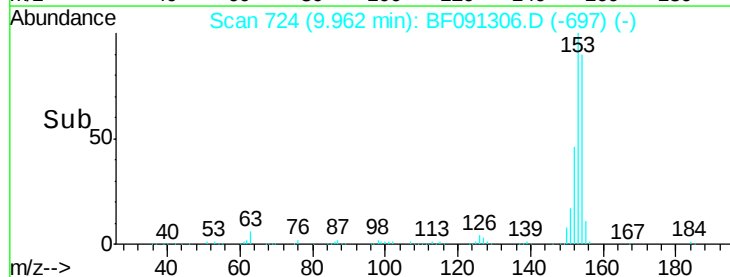
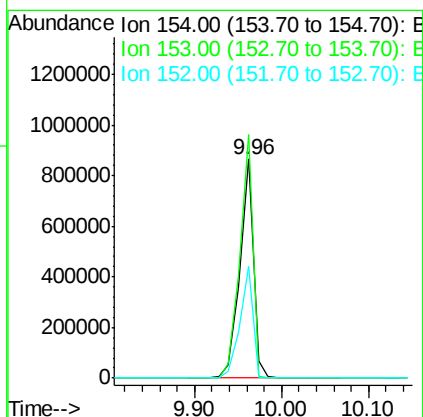
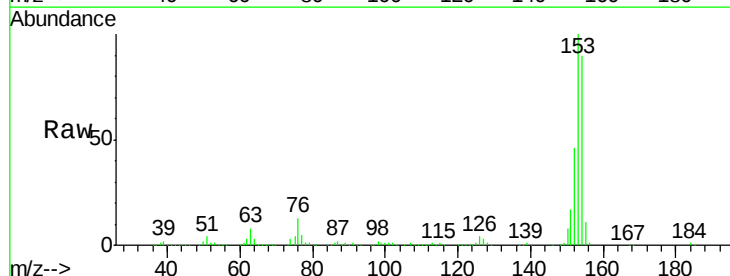
Instrument :
BNA_F
ClientSampleId :
PB94898BS

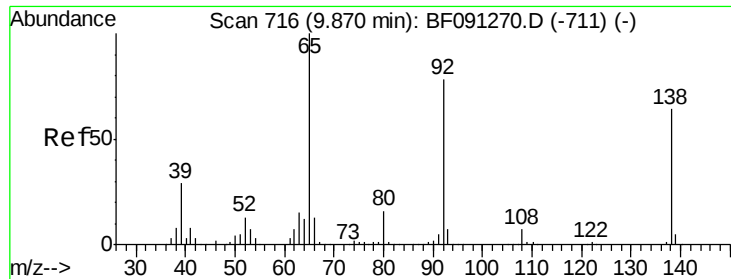
Tgt Ion:165 Resp: 255048
Ion Ratio Lower Upper
165 100
63 46.9 59.4 89.0#
89 44.3 50.8 76.2#



#51
Acenaphthene
Concen: 20.95 ng
RT: 9.96 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion:154 Resp: 931947
Ion Ratio Lower Upper
154 100
153 111.2 91.0 136.6
152 51.2 44.2 66.2

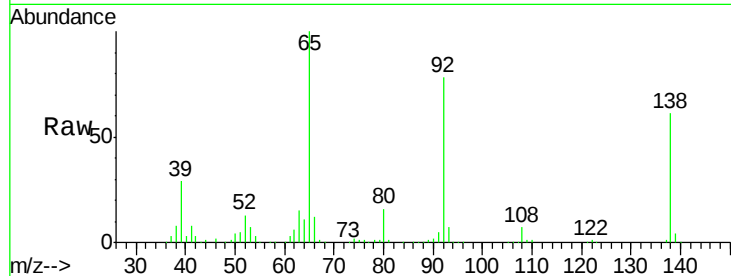




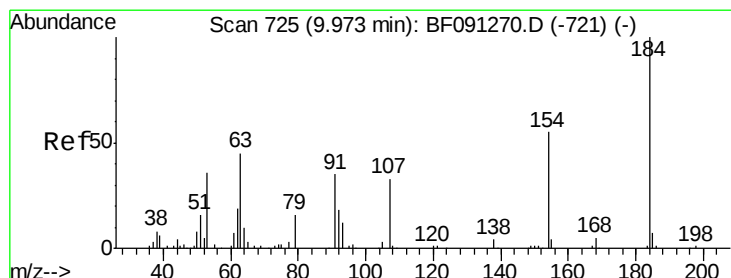
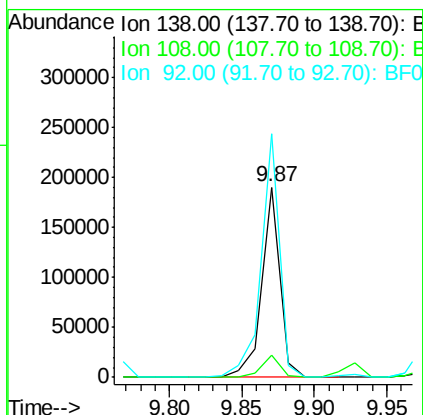
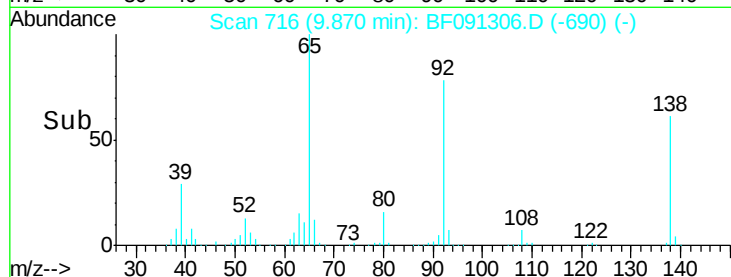
#52
 3-Nitroaniline
 Concen: 14.73 ng
 RT: 9.87 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BS

Tgt Ion:138 Resp: 166772
 Ion Ratio Lower Upper
 138 100
 108 11.8 8.1 12.1
 92 128.0 92.5 138.7

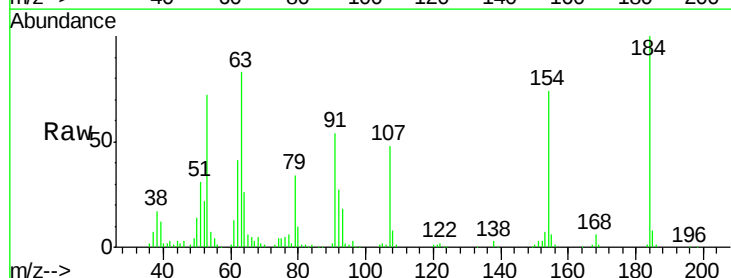


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BFO

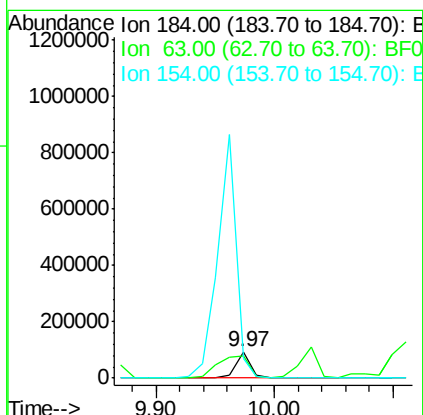
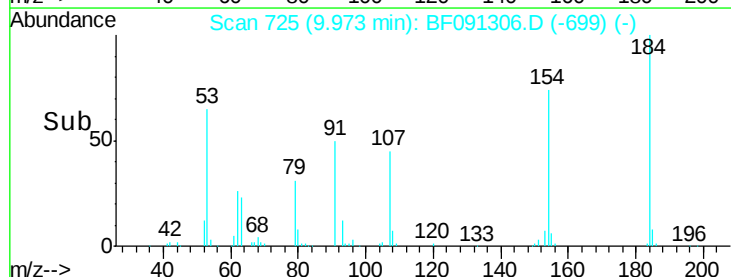


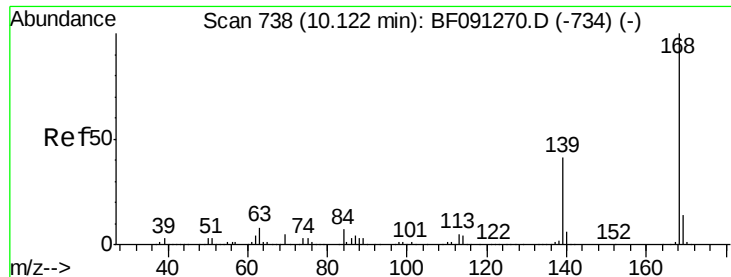
#53
 2,4-Dinitrophenol
 Concen: 24.40 ng
 RT: 9.97 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Tgt Ion:184 Resp: 80390
 Ion Ratio Lower Upper
 184 100
 63 82.8 58.3 87.5
 154 74.0 48.6 73.0#



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

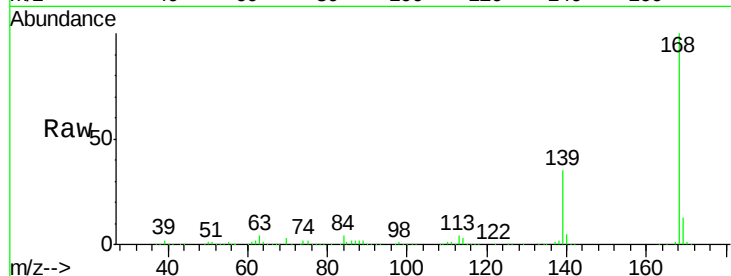




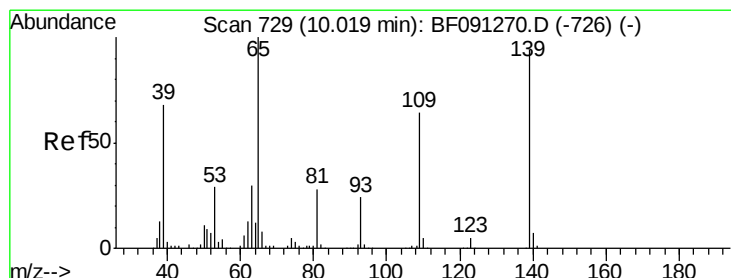
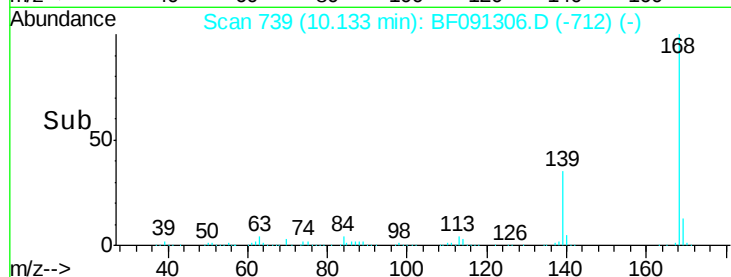
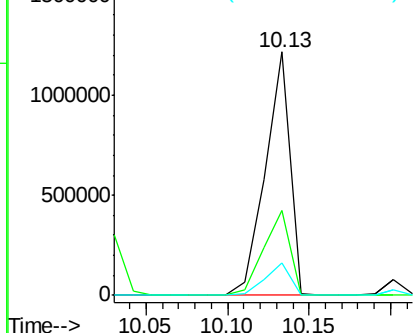
#54
Dibenzofuran
Concen: 20.53 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Instrument :
BNA_F
ClientSampleId :
PB94898BS

Tgt Ion:168 Resp: 1284112
Ion Ratio Lower Upper
168 100
139 34.6 33.4 50.2
169 13.5 11.1 16.7

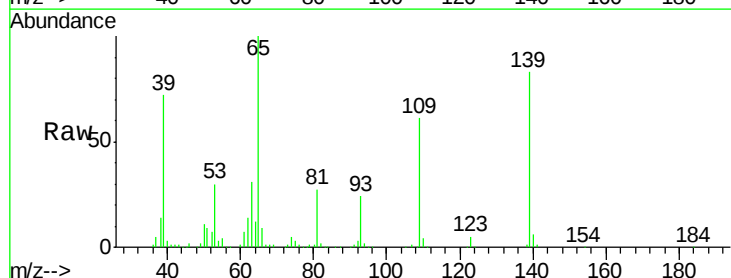


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

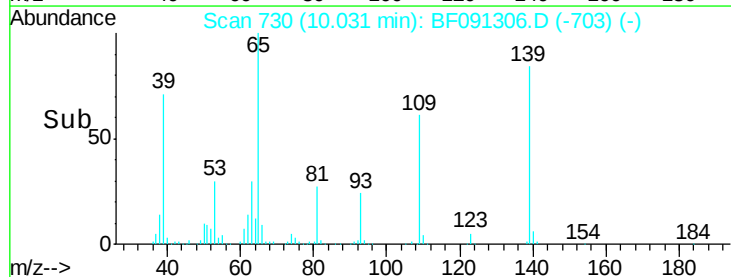
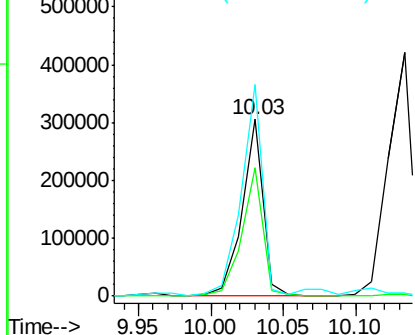


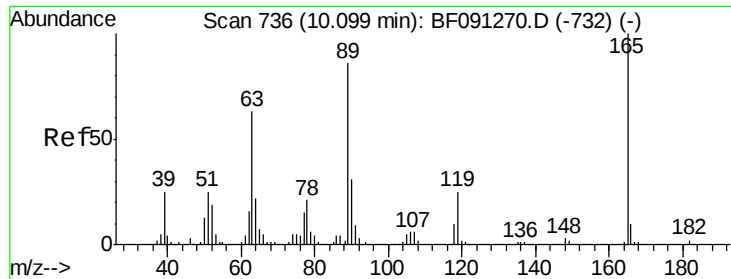
#55
4-Nitrophenol
Concen: 38.03 ng
RT: 10.03 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion:139 Resp: 310545
Ion Ratio Lower Upper
139 100
109 72.6 54.9 94.9
65 119.8 102.2 142.2



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

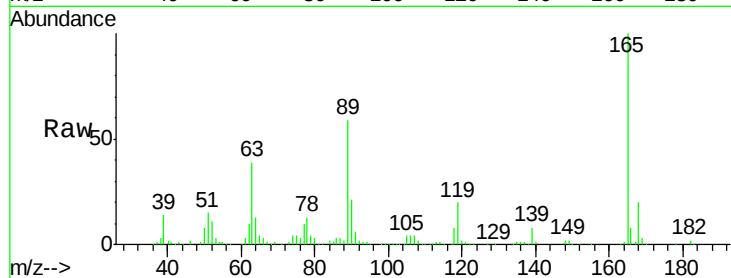




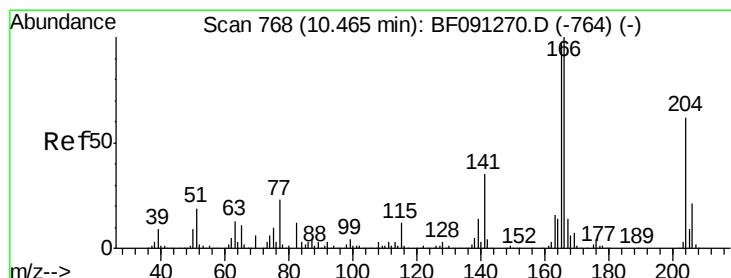
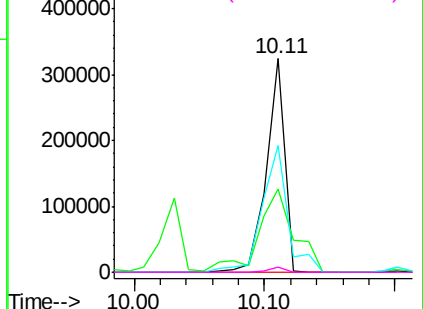
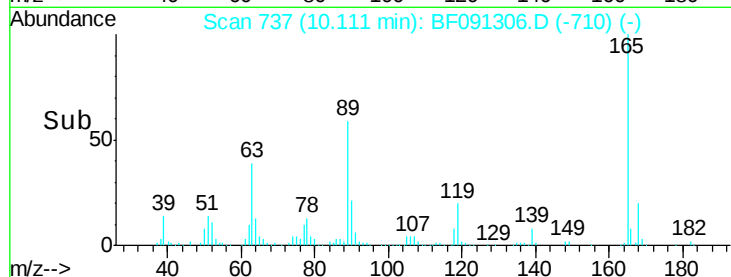
#56
2,4-Dinitrotoluene
Concen: 23.76 ng
RT: 10.11 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Instrument :
BNA_F
ClientSampled :
PB94898BS

Tgt Ion:	165	Resp:	316616
Ion	Ratio	Lower	Upper
165	100		
63	39.2	29.0	43.4
89	59.2	43.1	64.7
182	2.4	1.9	2.9

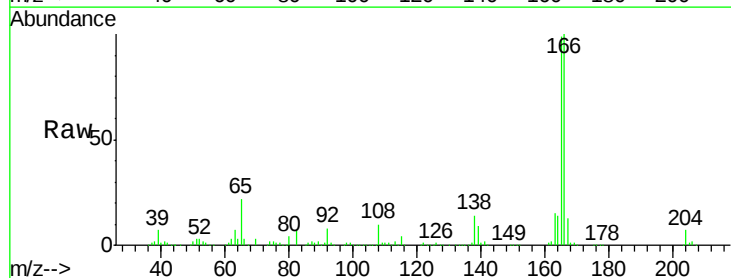


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

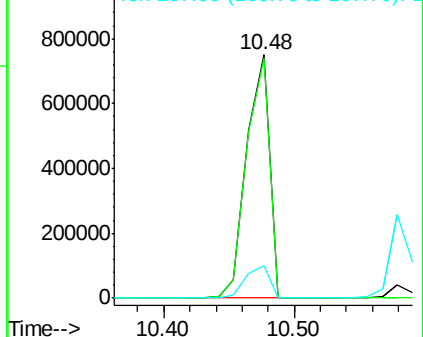
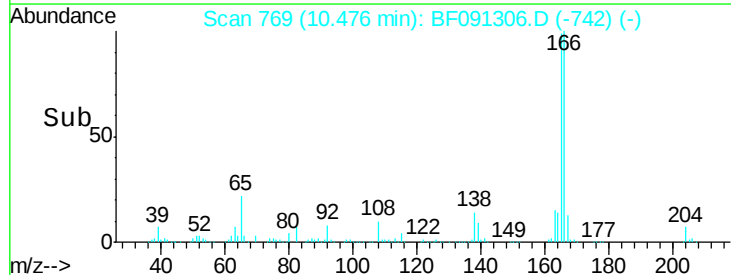


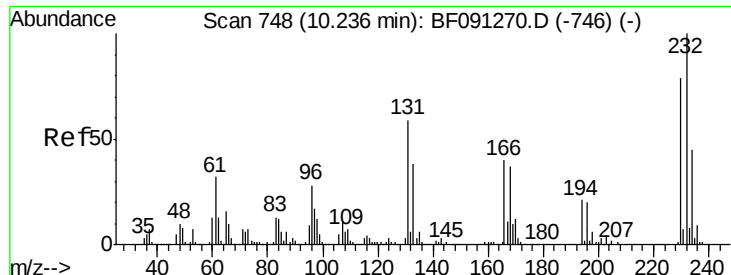
#57
Fluorene
Concen: 19.12 ng
RT: 10.48 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion:	166	Resp:	915162
Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.0	120.0
167	13.3	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

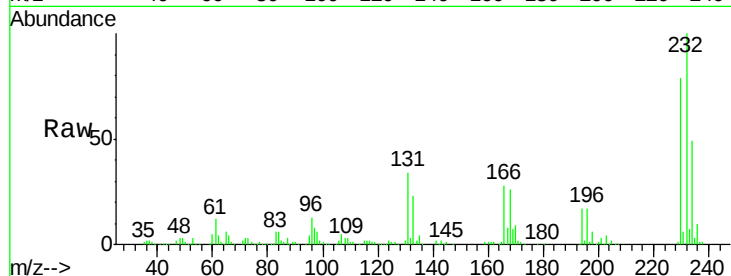




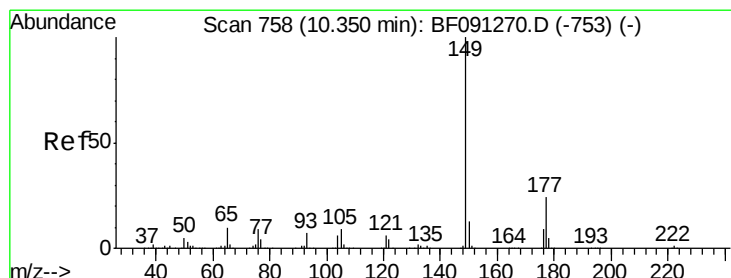
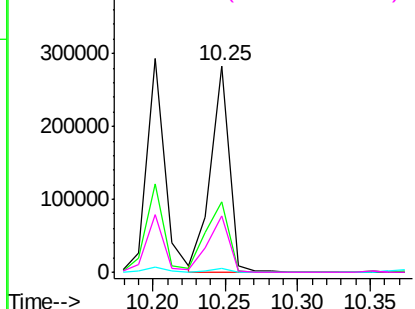
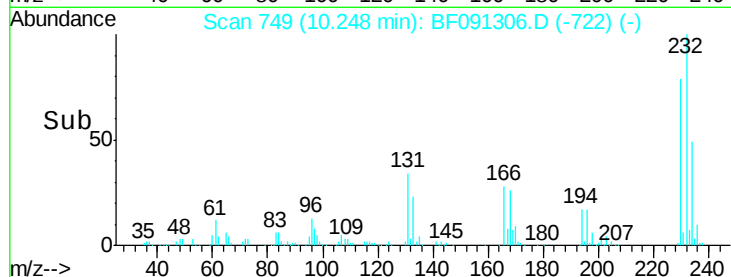
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 20.80 ng
 RT: 10.25 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BS

Tgt Ion: 232 Resp: 253621
 Ion Ratio Lower Upper
 232 100
 131 41.6 38.4 57.6
 130 2.0 1.8 2.8
 166 30.7 23.9 35.9

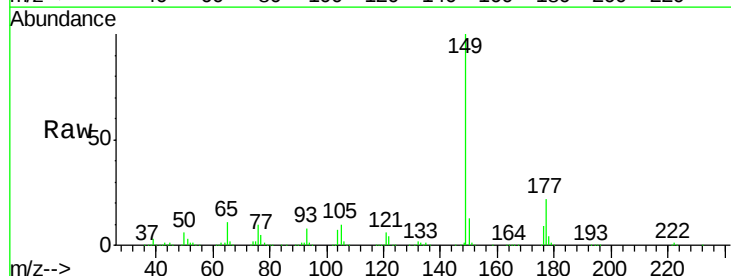


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

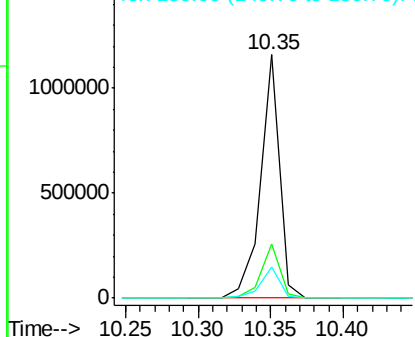
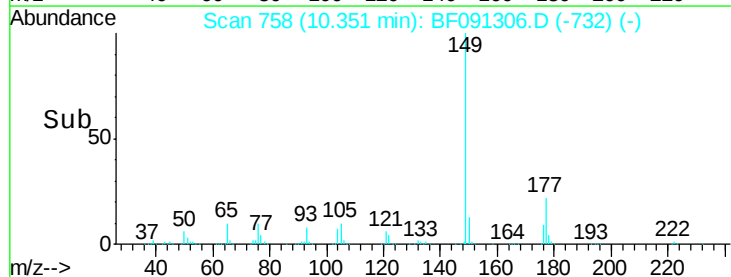


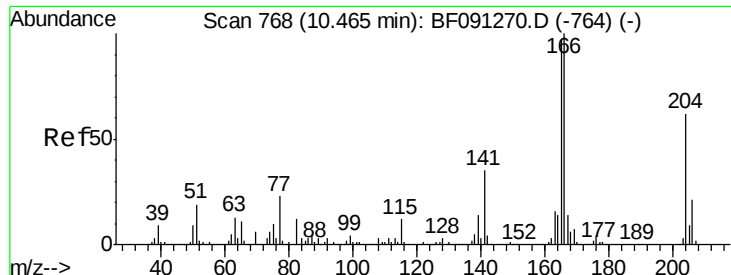
#59
 Diethylphthalate
 Concen: 21.59 ng
 RT: 10.35 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Tgt Ion: 149 Resp: 1047374
 Ion Ratio Lower Upper
 149 100
 177 22.2 15.7 23.5
 150 12.6 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

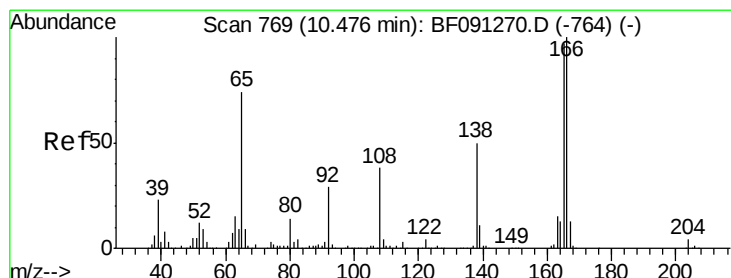
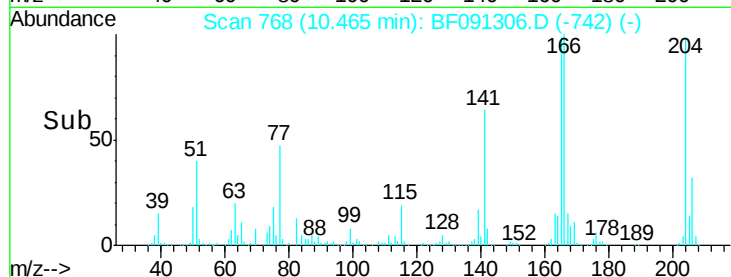
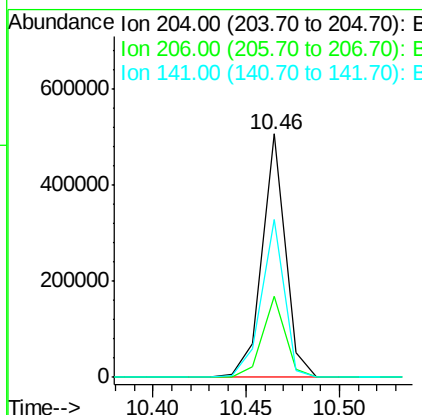
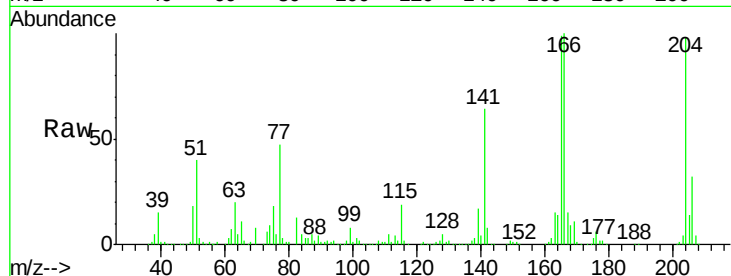




#60
 4-Chlorophenyl-phenylether
 Concen: 19.65 ng
 RT: 10.46 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

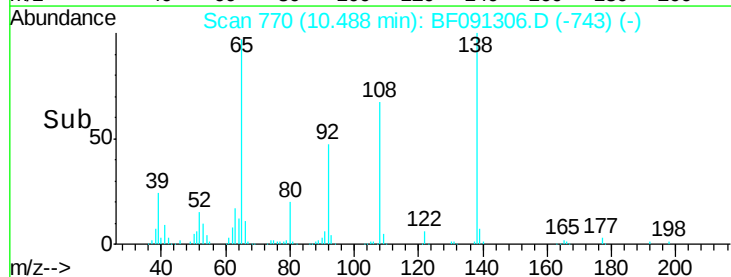
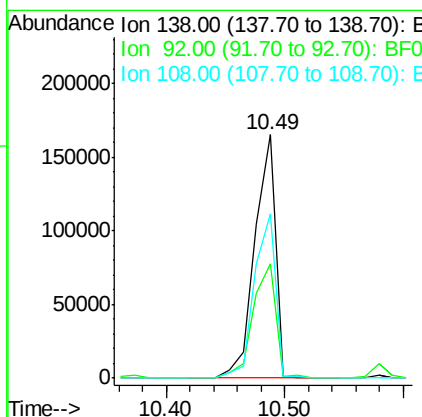
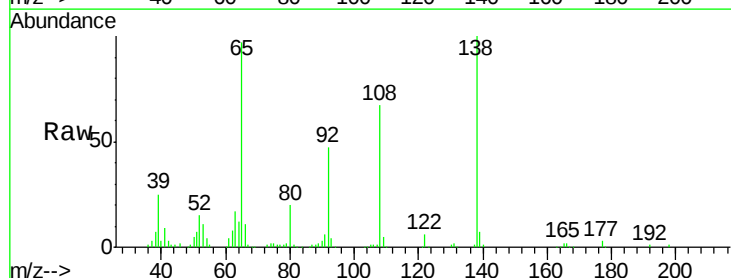
Instrument :
 BNA_F
 ClientSampleId :
 PB94898BS

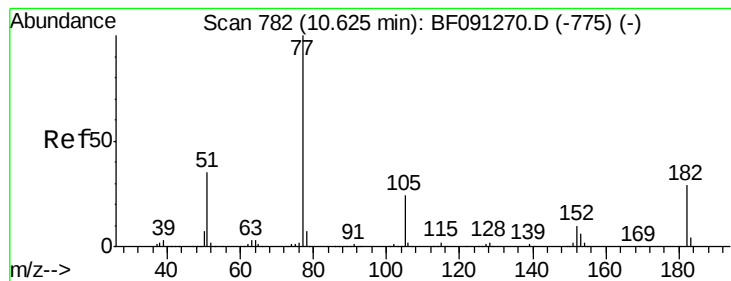
Tgt Ion: 204 Resp: 433420
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.1 39.1
 141 65.0 40.6 61.0#



#61
 4-Nitroaniline
 Concen: 19.28 ng
 RT: 10.49 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Tgt Ion: 138 Resp: 203680
 Ion Ratio Lower Upper
 138 100
 92 47.2 26.9 66.9
 108 67.3 49.1 89.1





#62

Azobenzene

Concen: 22.31 ng

RT: 10.62 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleId :

PB94898BS

Tgt Ion: 77 Resp: 1097724

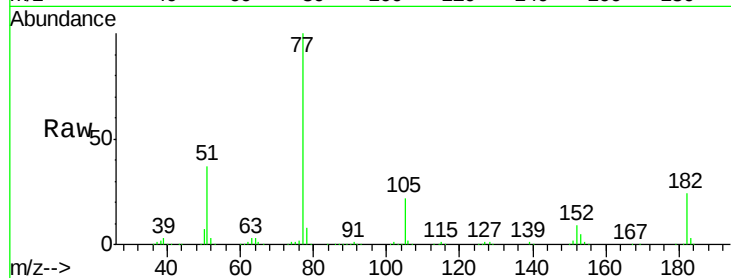
Ion Ratio Lower Upper

77 100

182 23.8 12.5 52.5

105 22.2 3.7 43.7

51 36.6 11.9 51.9

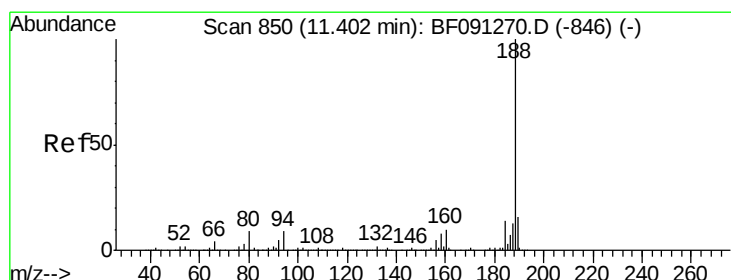
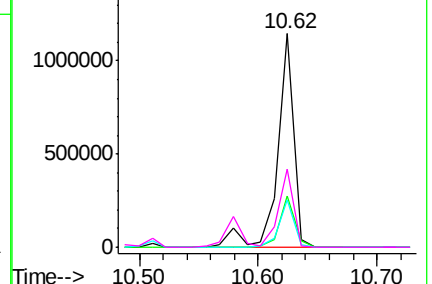
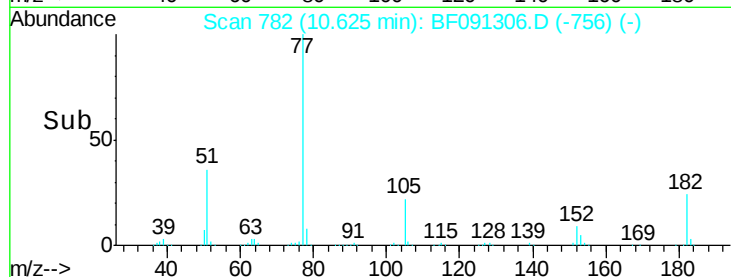


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

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: BF091306.D

Acq: 24 Nov 2016 10:22

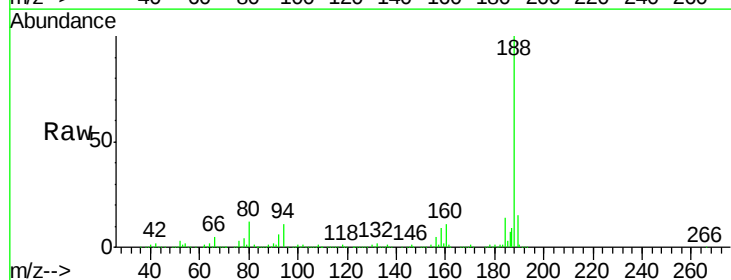
Tgt Ion: 188 Resp: 1055860

Ion Ratio Lower Upper

188 100

94 10.7 9.2 13.8

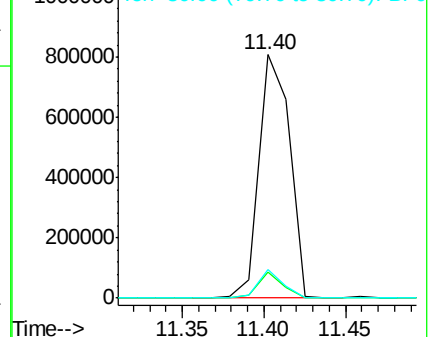
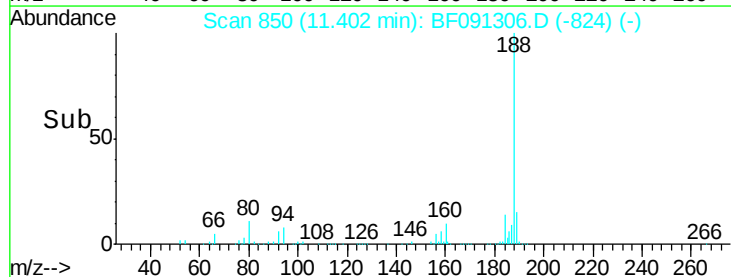
80 11.9 10.5 15.7

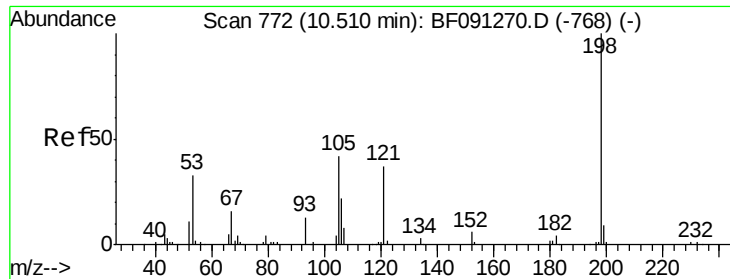


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

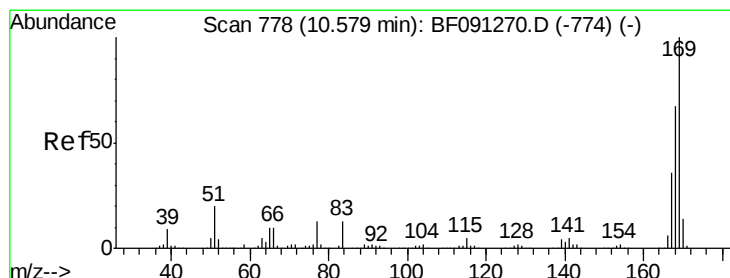
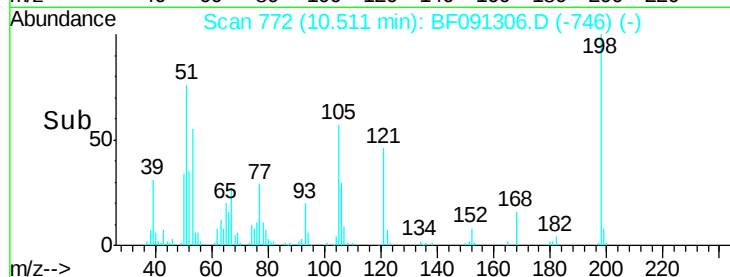
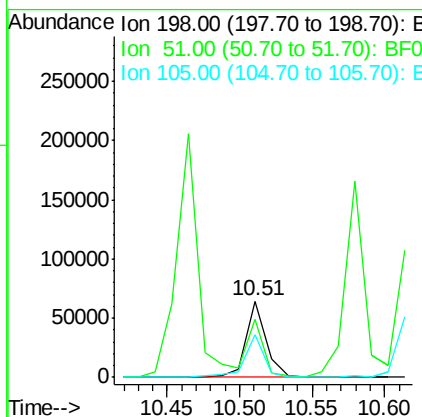
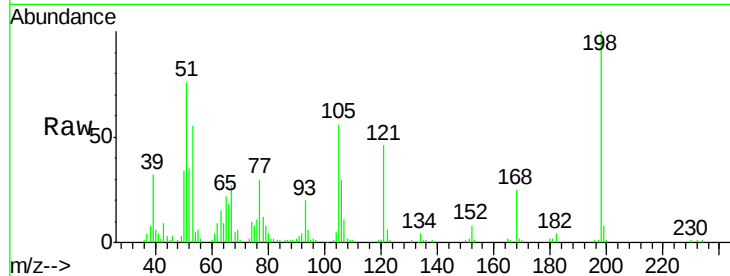




#64
 4,6-Dinitro-2-methylphenol
 Concen: 12.74 ng
 RT: 10.51 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

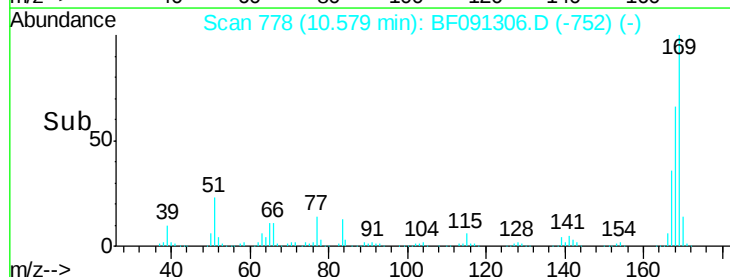
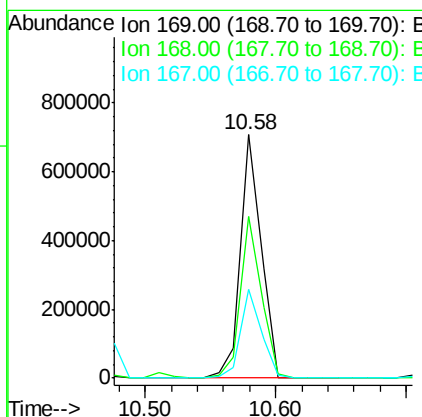
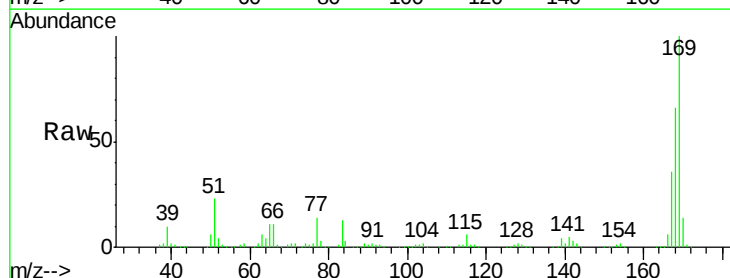
Instrument :
 BNA_F
 ClientSampleId :
 PB94898BS

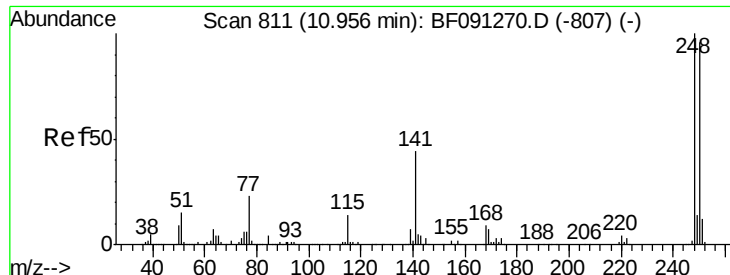
Tgt Ion:198 Resp: 60990
 Ion Ratio Lower Upper
 198 100
 51 75.8 77.1 117.1#
 105 55.8 44.8 84.8



#65
 n-Nitrosodiphenylamine
 Concen: 24.21 ng
 RT: 10.58 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Tgt Ion:169 Resp: 775975
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.8 80.8
 167 36.4 29.8 44.8

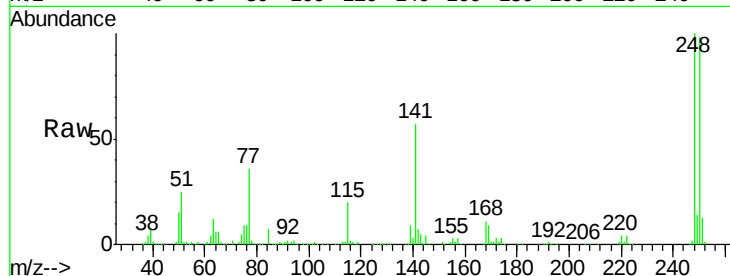




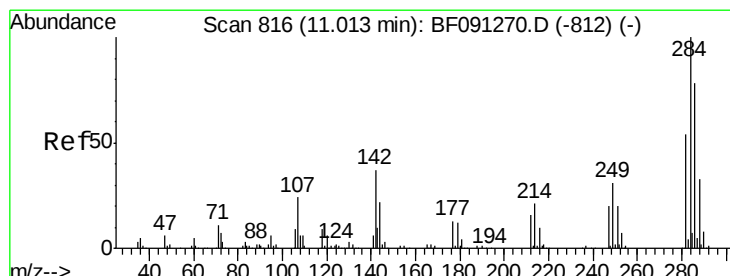
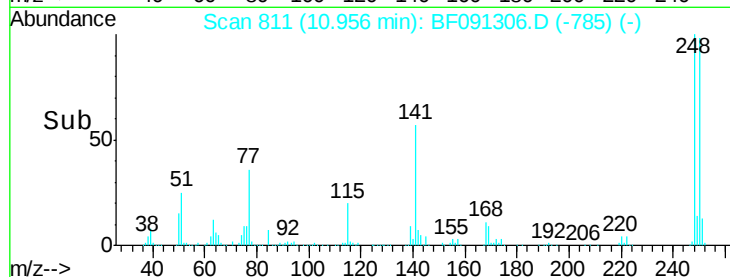
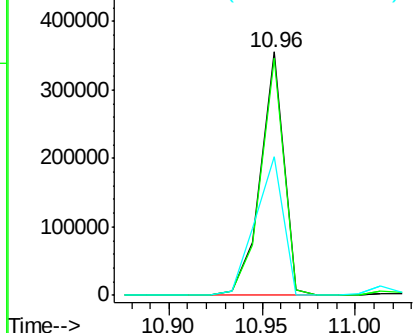
#66
4-Bromophenyl-phenylether
Concen: 26.56 ng
RT: 10.96 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Instrument :
BNA_F
ClientSampleId :
PB94898BS

Tgt Ion:248 Resp: 306464
Ion Ratio Lower Upper
248 100
250 97.7 78.2 117.4
141 56.8 71.9 107.9#

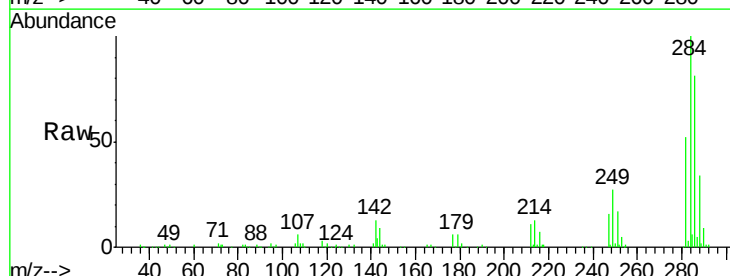


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

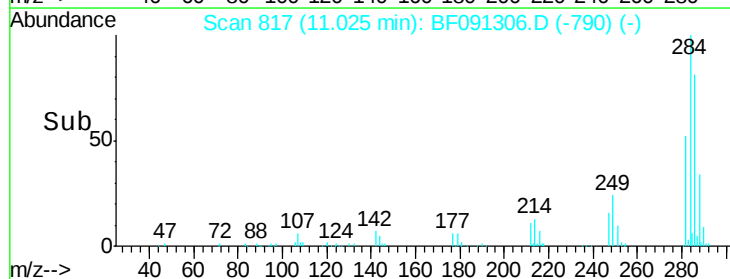
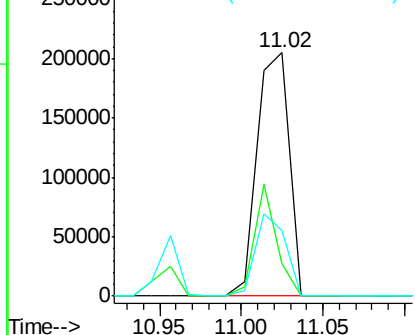


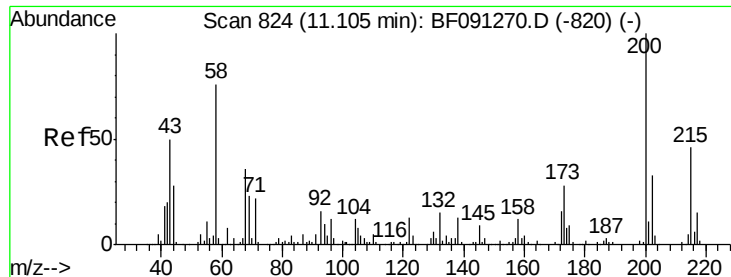
#67
Hexachlorobenzene
Concen: 22.21 ng
RT: 11.02 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion:284 Resp: 280919
Ion Ratio Lower Upper
284 100
142 13.1 17.9 26.9#
249 27.1 23.6 35.4



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

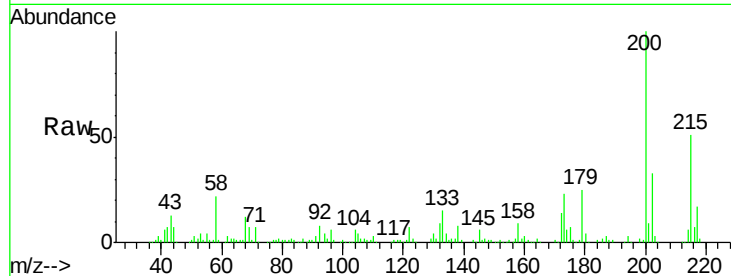




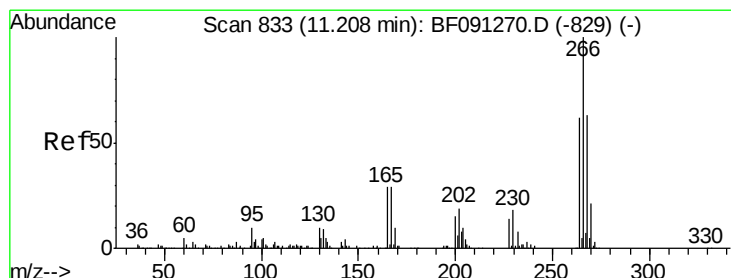
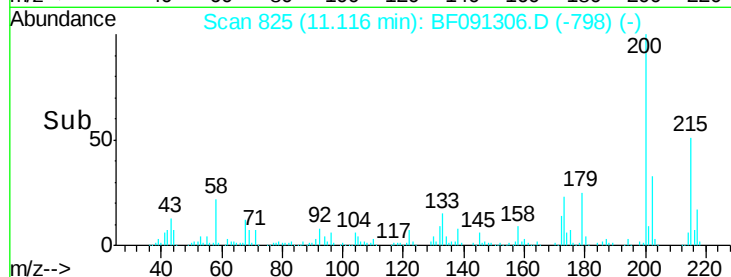
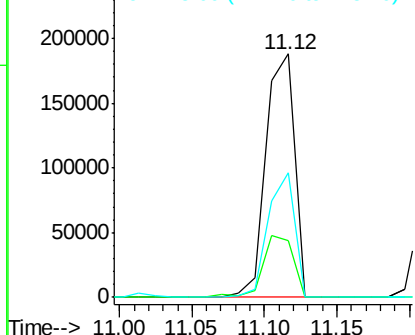
#68
 Atrazine
 Concen: 24.51 ng
 RT: 11.12 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.1	7.8	47.8
215	51.2	24.3	64.3

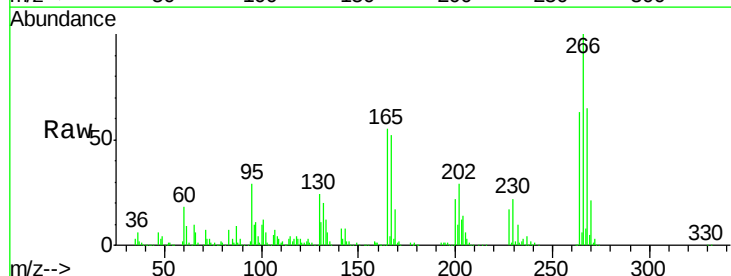


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

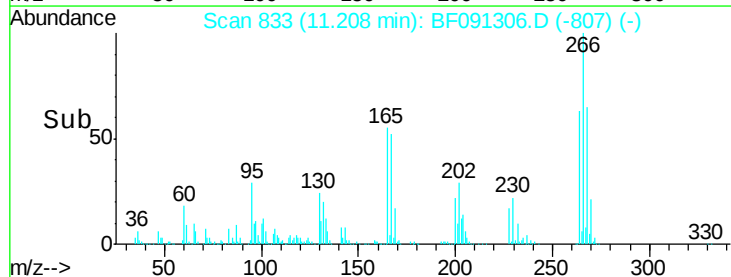
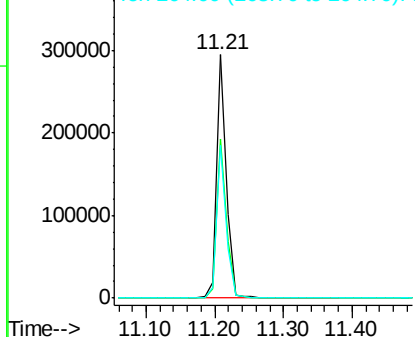


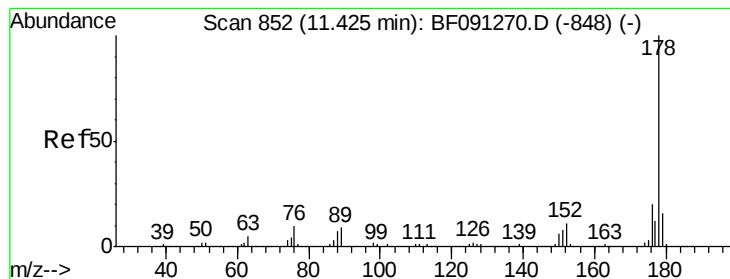
#69
 Pentachlorophenol
 Concen: 39.33 ng
 RT: 11.21 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	50.3	75.5
264	63.0	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: 23.10 ng

RT: 11.44 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleId :

PB94898BS

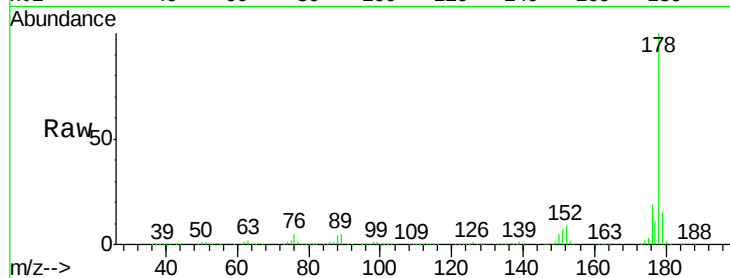
Tgt Ion:178 Resp: 1265362

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

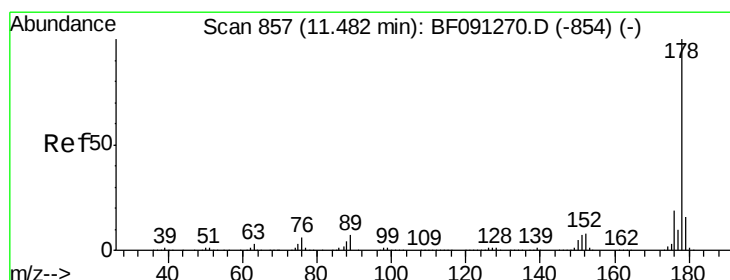
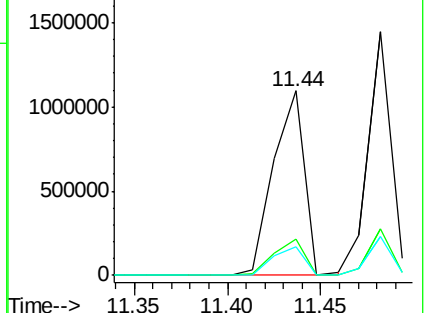
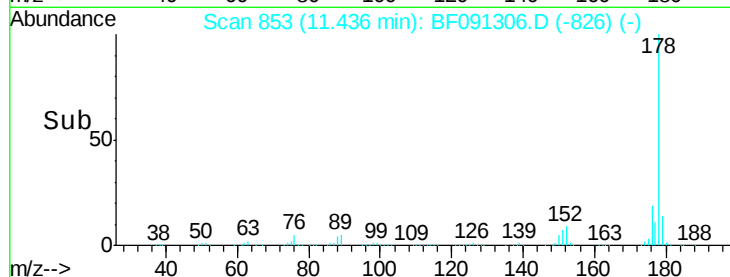
179 15.3 12.6 18.8



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: 21.92 ng

RT: 11.48 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

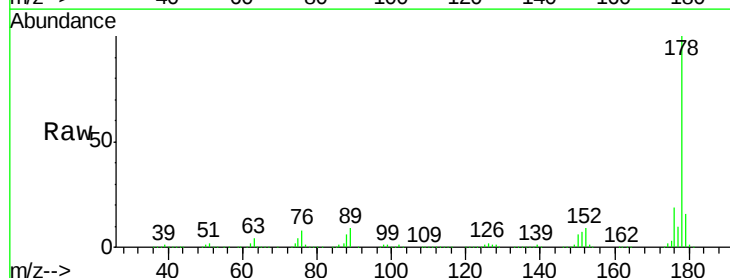
Tgt Ion:178 Resp: 1227772

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

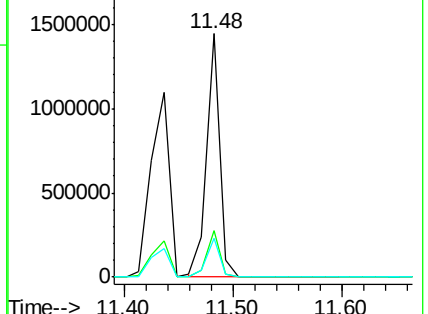
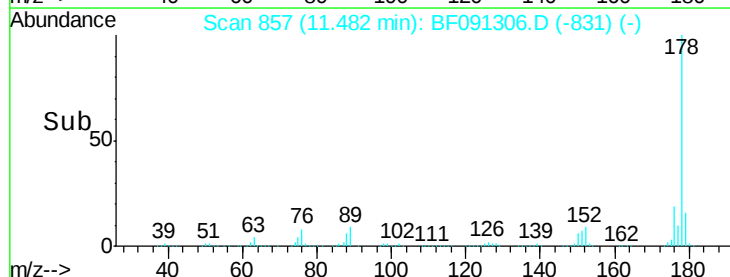
179 15.9 12.7 19.1

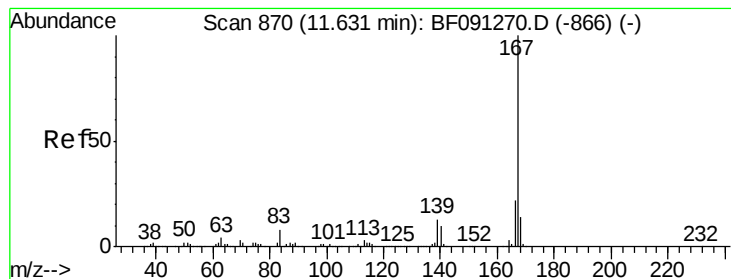


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 20.40 ng

RT: 11.63 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleId :

PB94898BS

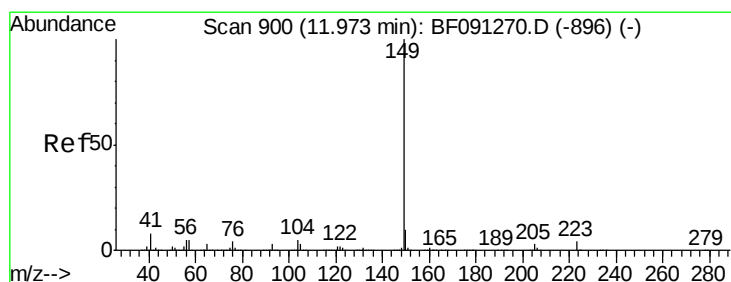
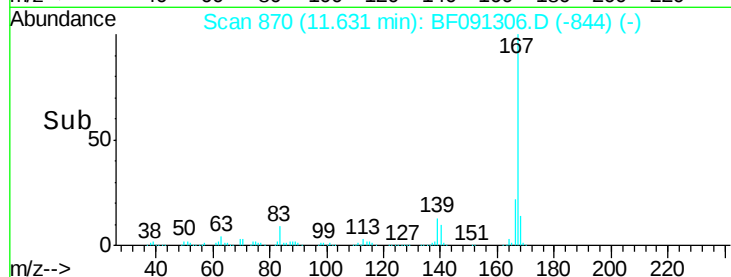
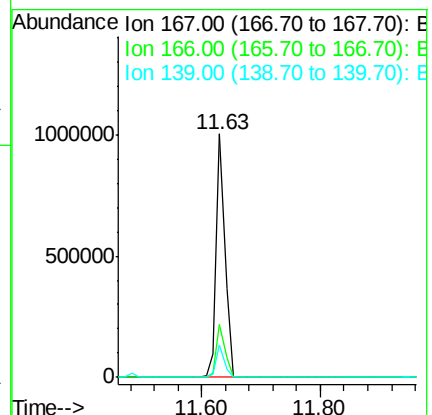
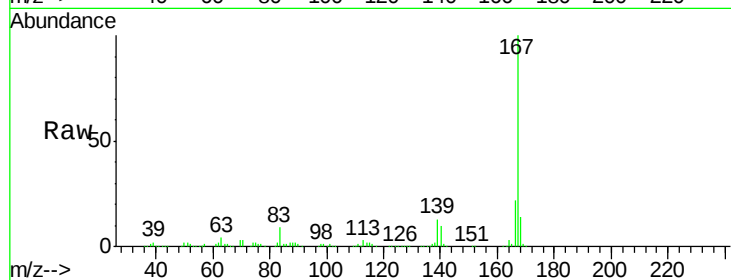
Tgt Ion:167 Resp: 1016861

Ion Ratio Lower Upper

167 100

166 21.8 18.1 27.1

139 13.4 11.5 17.3



#73

Di-n-butylphthalate

Concen: 25.26 ng

RT: 11.97 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

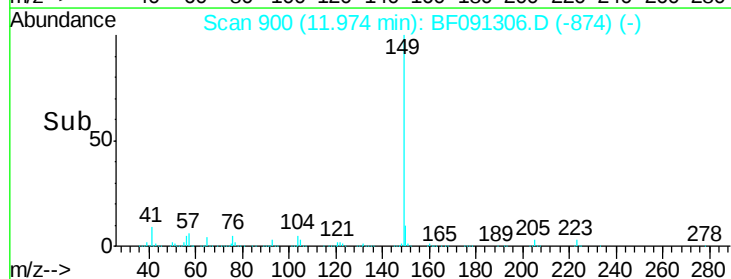
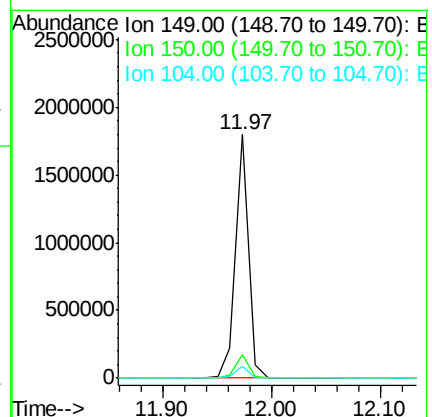
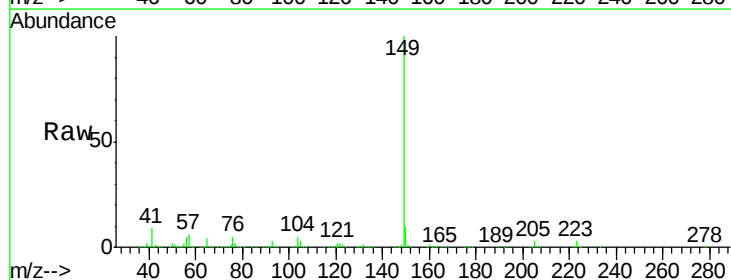
Tgt Ion:149 Resp: 1457962

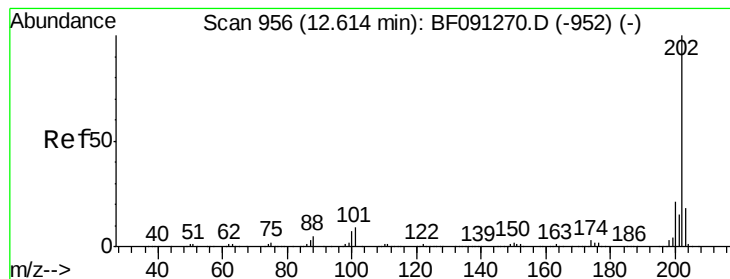
Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

104 5.0 4.0 6.0





#74

Fluoranthene

Concen: 20.50 ng

RT: 12.61 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleId :

PB94898BS

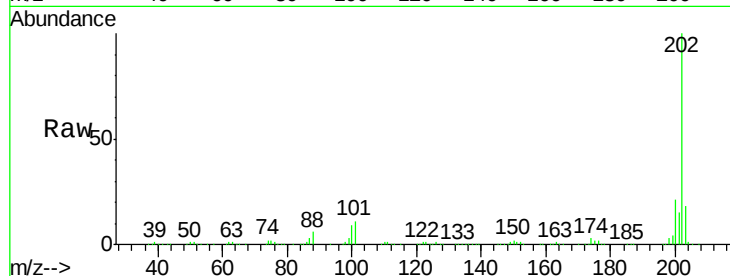
Tgt Ion:202 Resp: 1142371

Ion Ratio Lower Upper

202 100

101 11.4 0.0 29.5

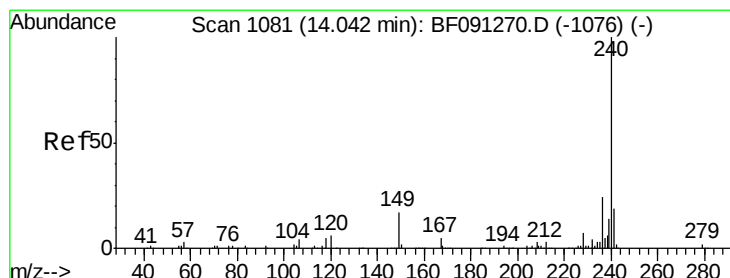
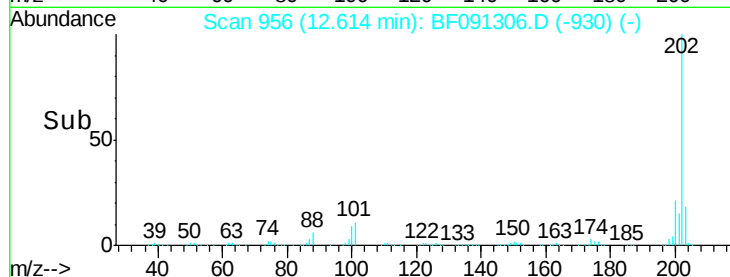
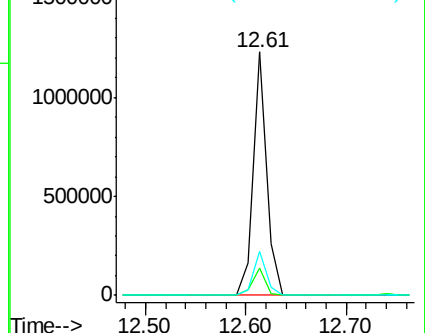
203 17.9 0.0 37.8



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: BF091306.D

Acq: 24 Nov 2016 10:22

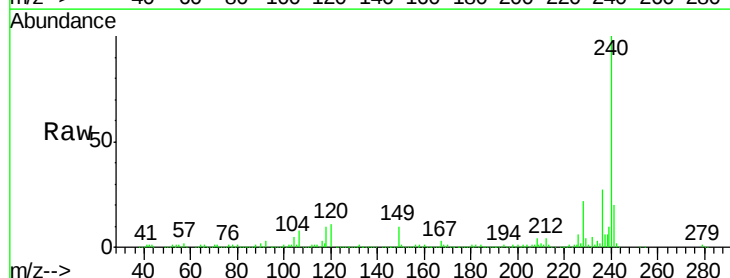
Tgt Ion:240 Resp: 805276

Ion Ratio Lower Upper

240 100

120 10.9 12.1 18.1#

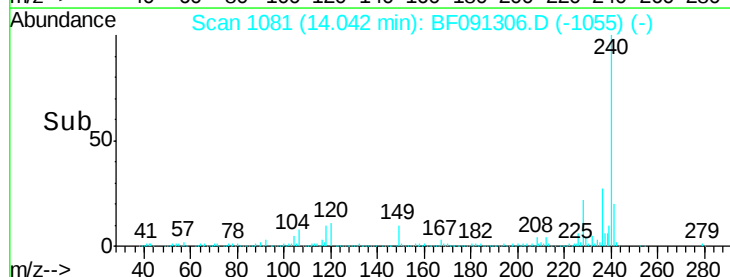
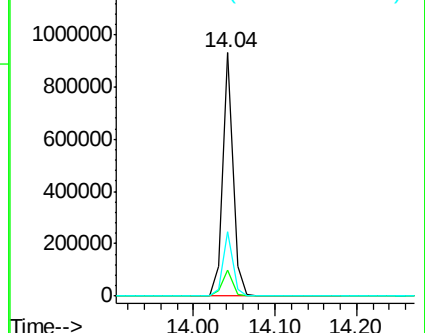
236 26.5 21.0 31.6

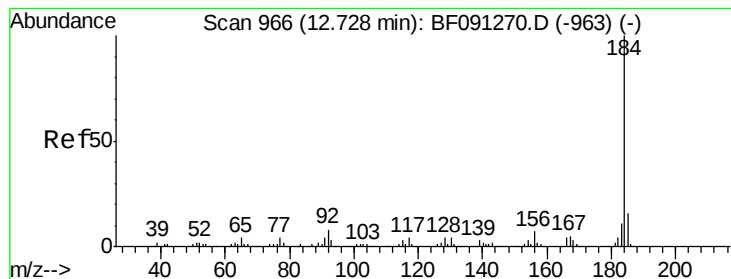


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 54.42 ng

RT: 12.74 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleId :

PB94898BS

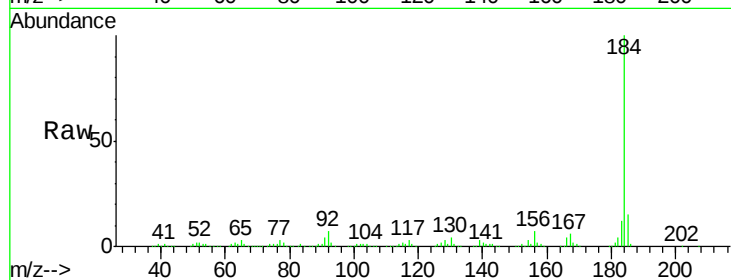
Tgt Ion:184 Resp: 849383

Ion Ratio Lower Upper

184 100

185 14.7 13.1 19.7

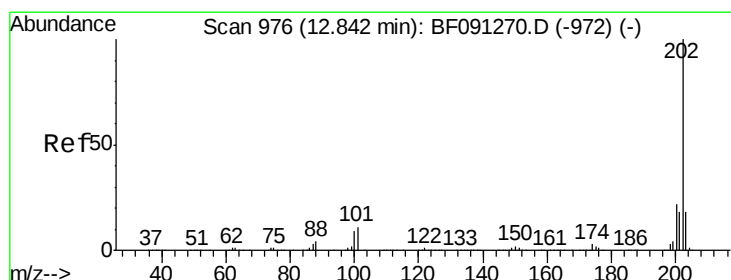
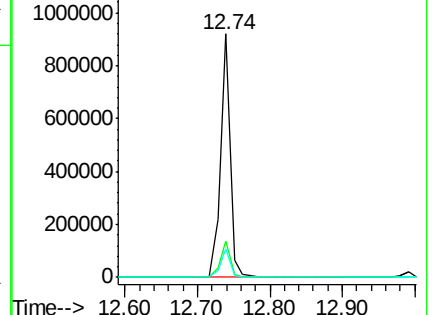
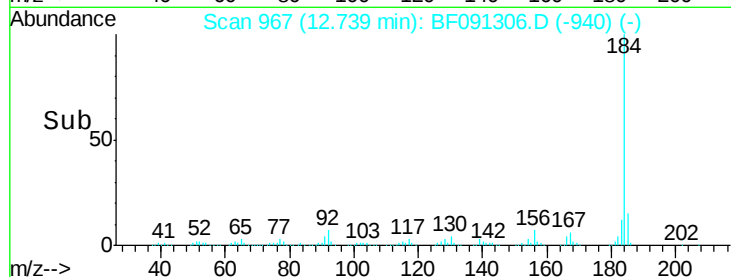
183 11.7 8.9 13.3



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: 19.80 ng

RT: 12.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

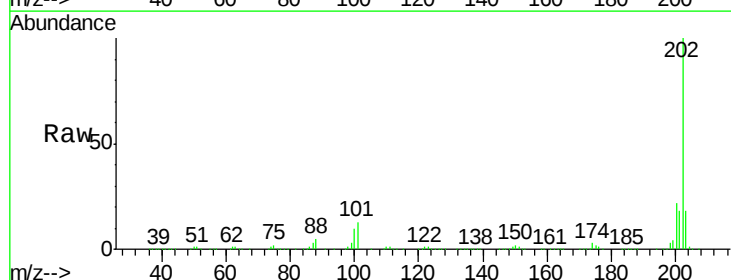
Tgt Ion:202 Resp: 1177962

Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

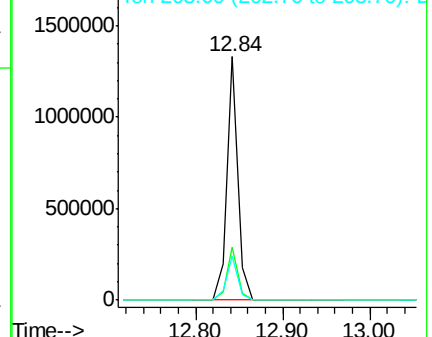
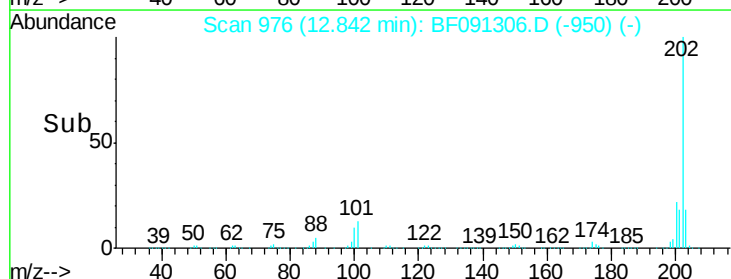
203 18.2 14.0 21.0

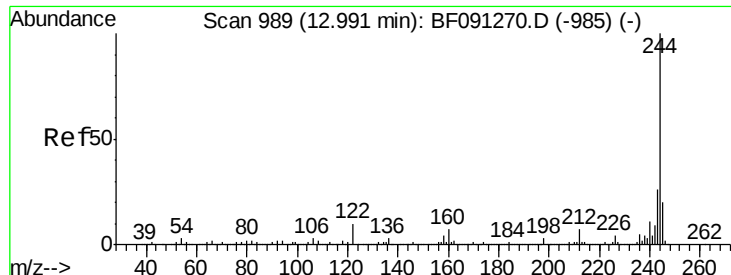


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 40.24 ng

RT: 12.99 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleId :

PB94898BS

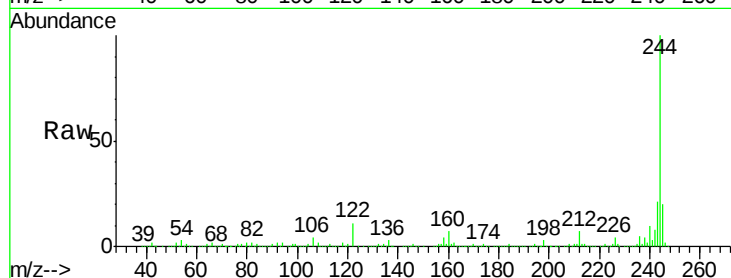
Tgt Ion:244 Resp: 1418924

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

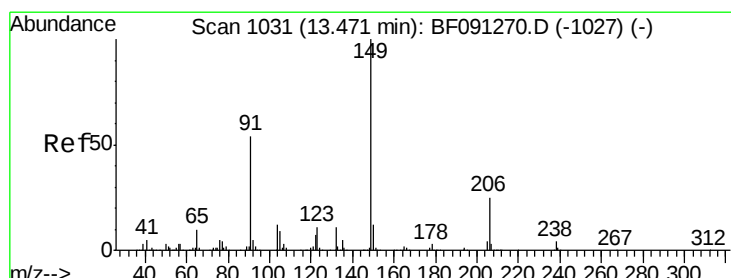
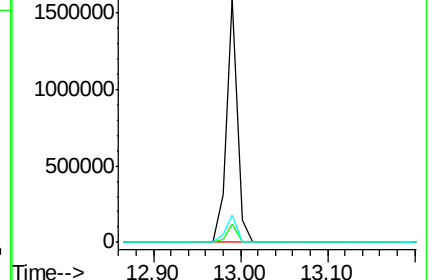
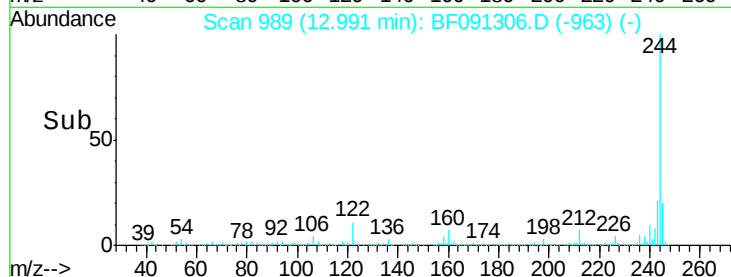
122 11.2 9.5 14.3



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: 23.89 ng

RT: 13.47 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

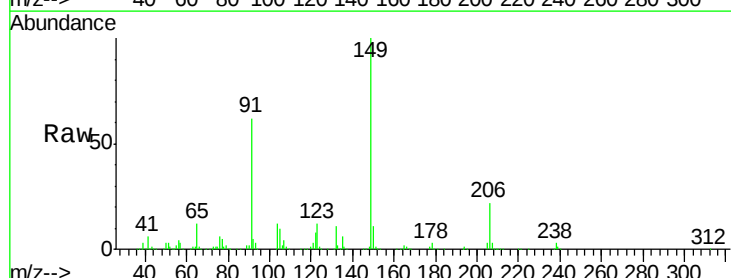
Tgt Ion:149 Resp: 568768

Ion Ratio Lower Upper

149 100

91 61.9 57.4 86.2

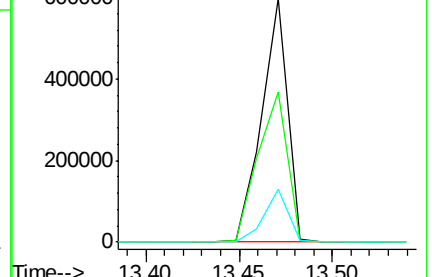
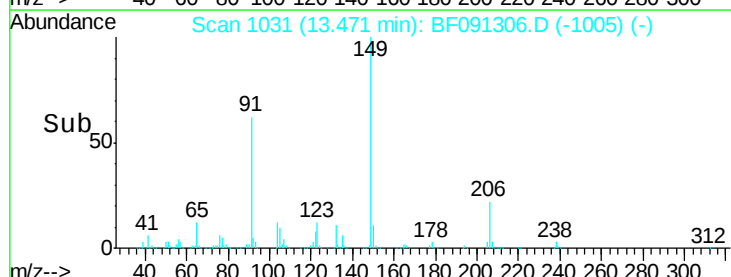
206 22.0 15.4 23.2

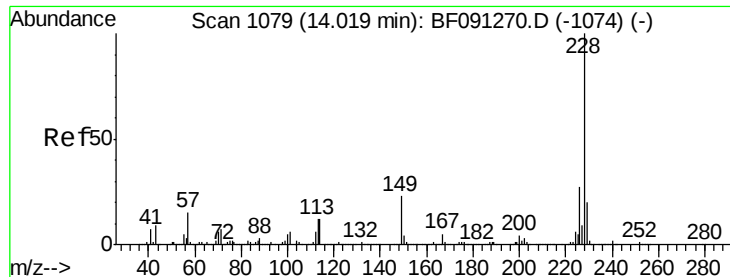


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 22.96 ng

RT: 14.03 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleId :

PB94898BS

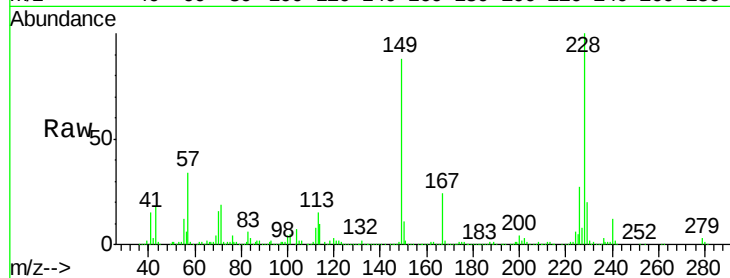
Tgt Ion:228 Resp: 1049148

Ion Ratio Lower Upper

228 100

226 27.3 22.5 33.7

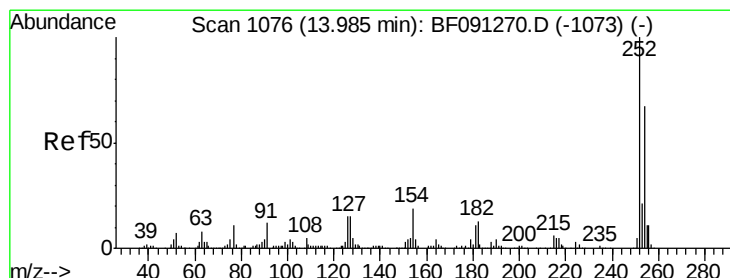
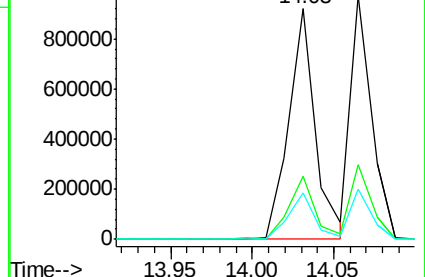
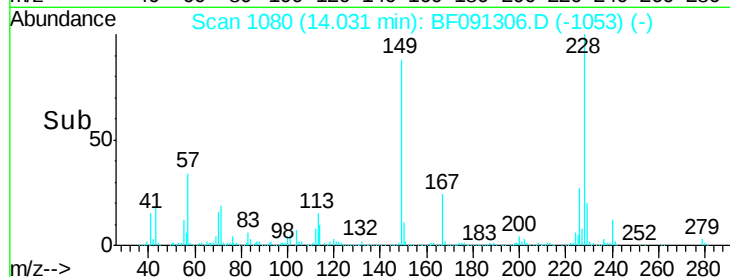
229 20.2 16.4 24.6



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: 27.48 ng

RT: 14.00 min Scan# 1077

Delta R.T. 0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

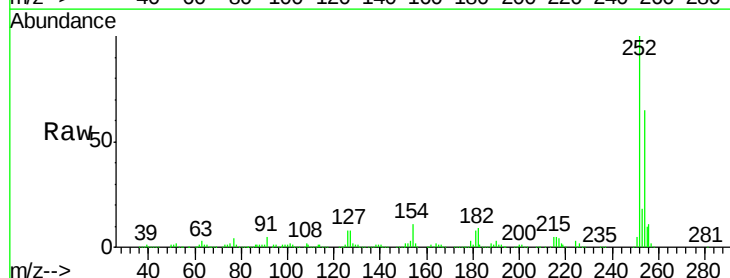
Tgt Ion:252 Resp: 414123

Ion Ratio Lower Upper

252 100

254 64.8 52.1 78.1

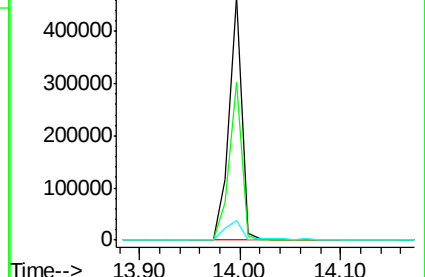
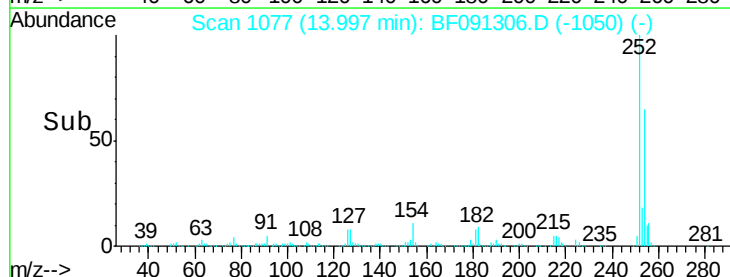
126 7.9 7.5 11.3

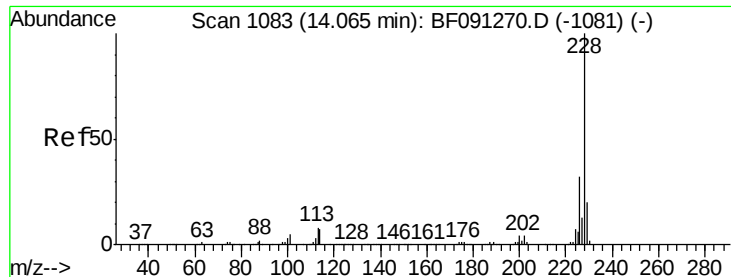


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 20.67 ng

RT: 14.07 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleId :

PB94898BS

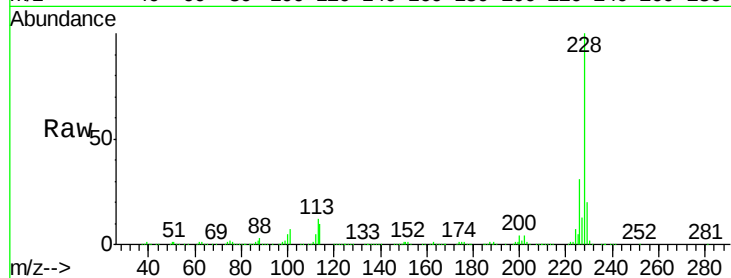
Tgt Ion:228 Resp: 892865

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.4

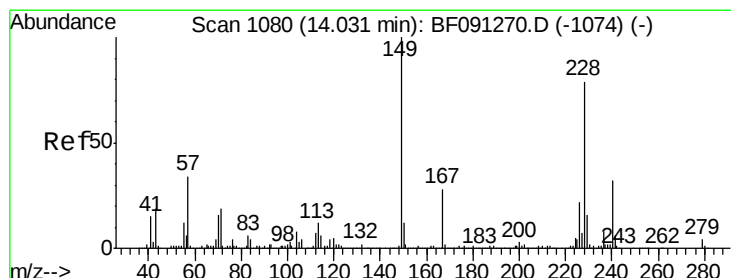
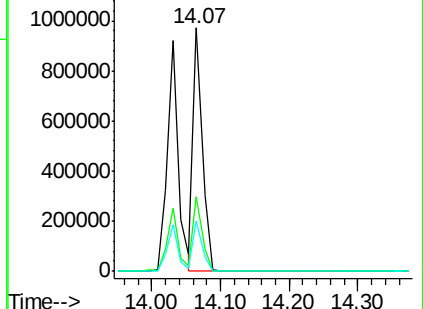
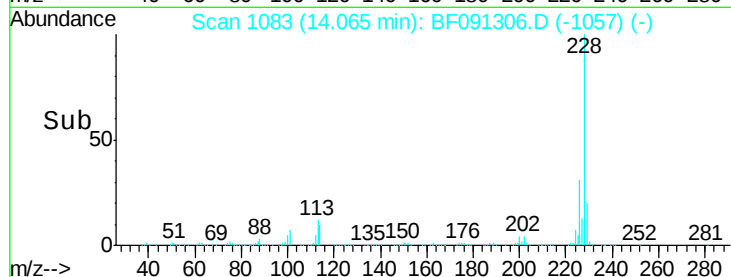
229 20.4 16.0 24.0



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: 23.18 ng

RT: 14.03 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

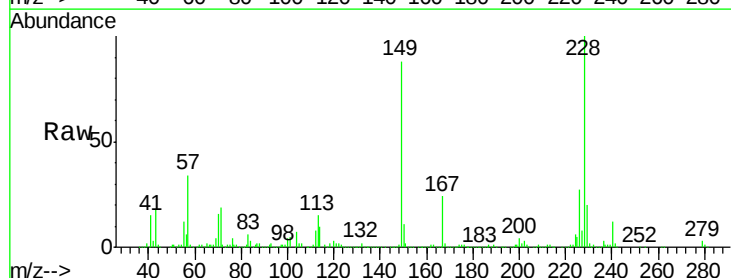
Tgt Ion:149 Resp: 687206

Ion Ratio Lower Upper

149 100

167 27.1 19.6 29.4

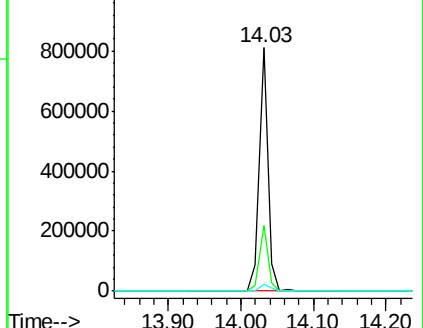
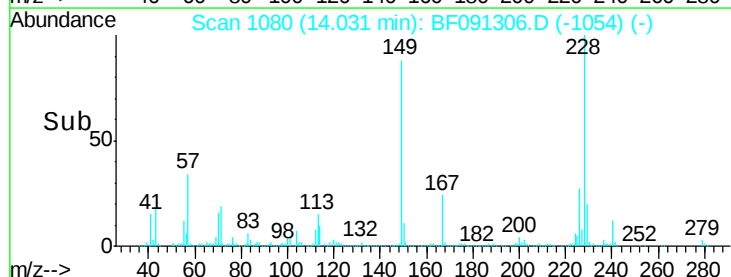
279 2.9 1.9 2.9

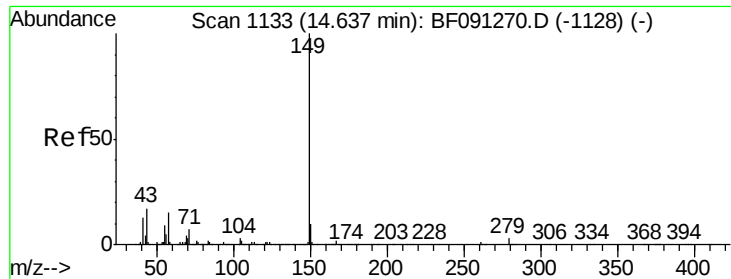


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 26.45 ng

RT: 14.65 min Scan# 1134

Delta R.T. 0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleId :

PB94898BS

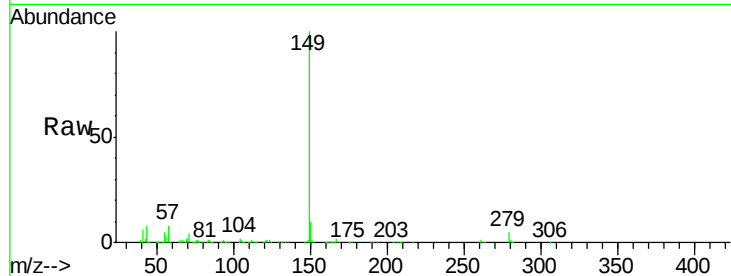
Tgt Ion:149 Resp: 1234242

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

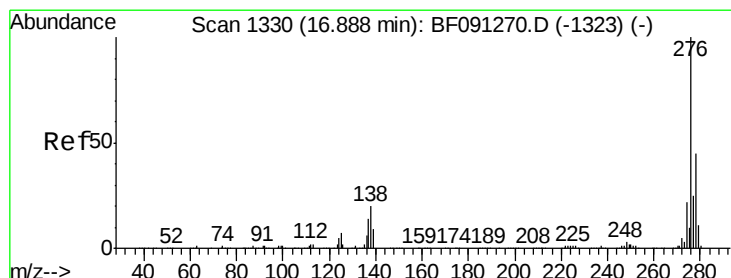
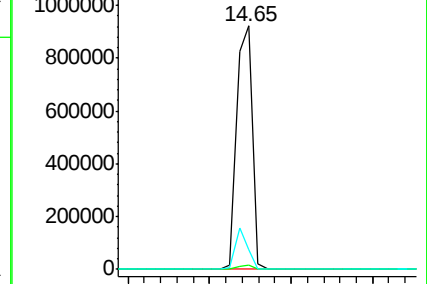
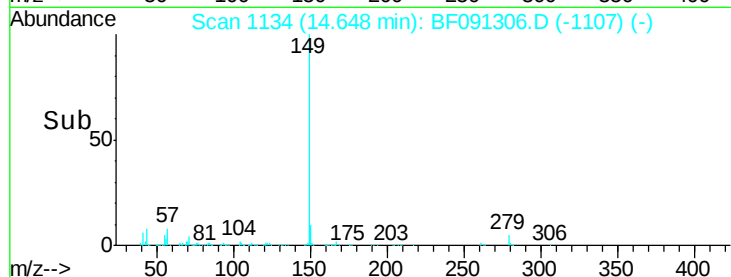
43 13.2 11.9 17.9



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: 20.75 ng

RT: 16.90 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

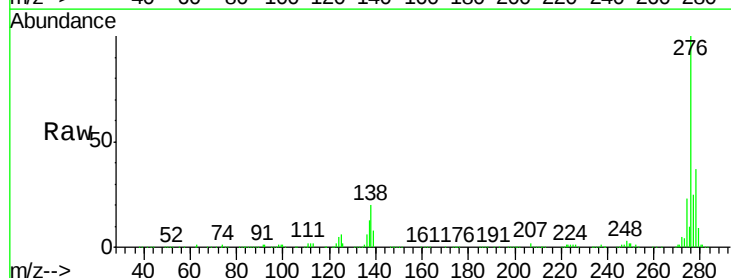
Tgt Ion:276 Resp: 771809

Ion Ratio Lower Upper

276 100

138 22.8 21.0 31.4

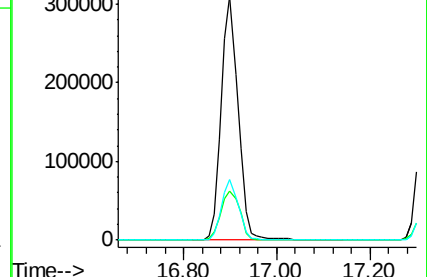
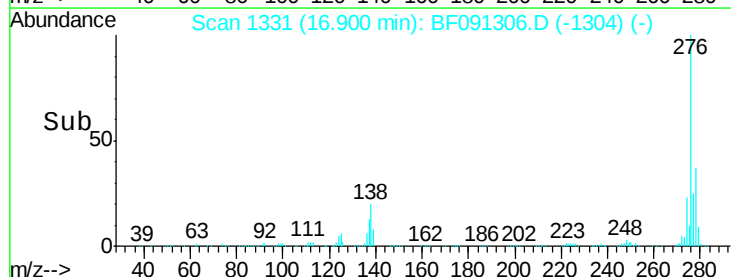
277 25.1 20.2 30.2

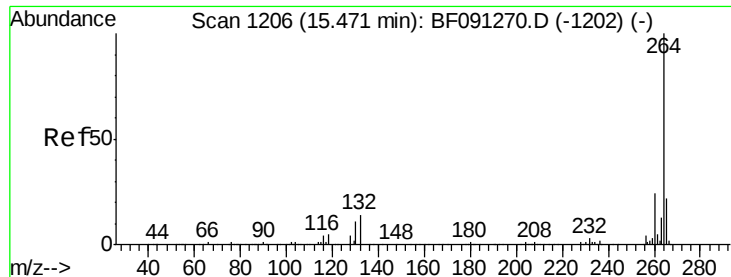


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

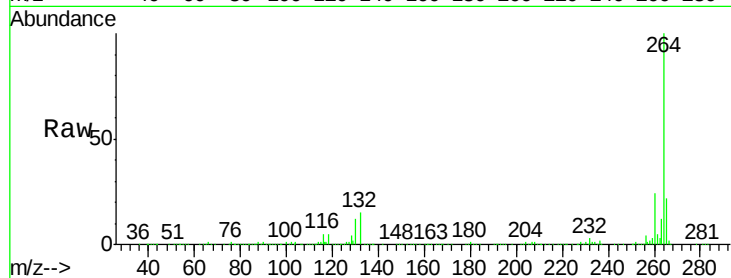




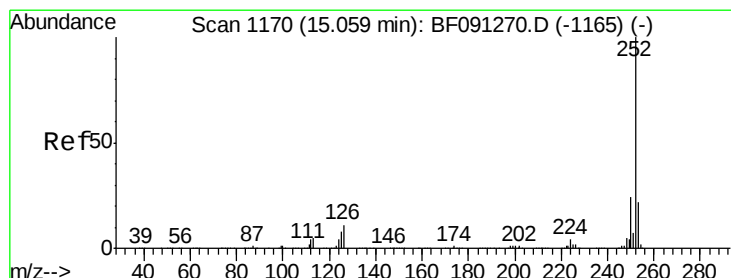
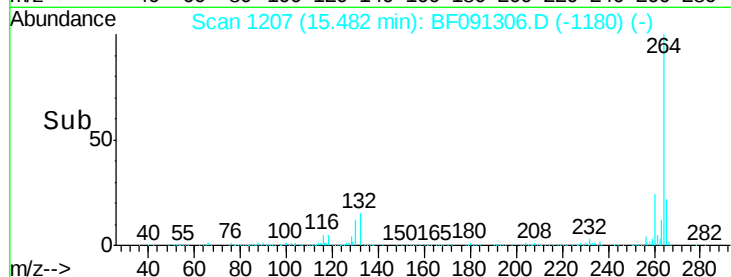
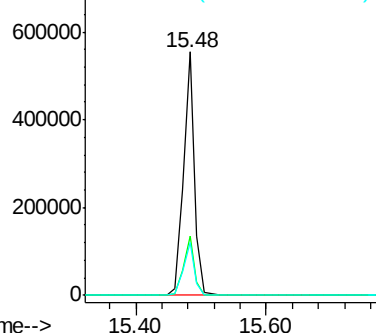
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Instrument :
BNA_F
ClientSampleId :
PB94898BS

Tgt Ion:264 Resp: 662347
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 21.8 17.0 25.6

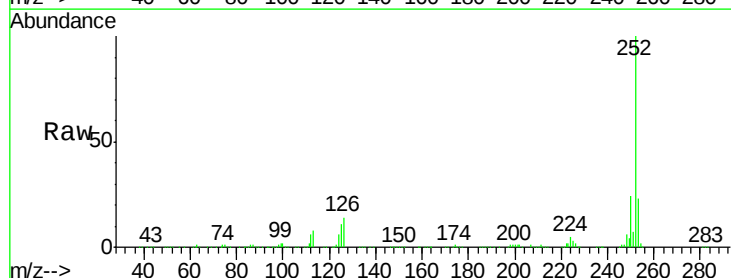


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

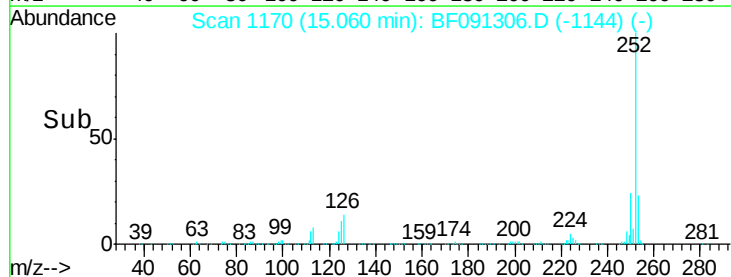
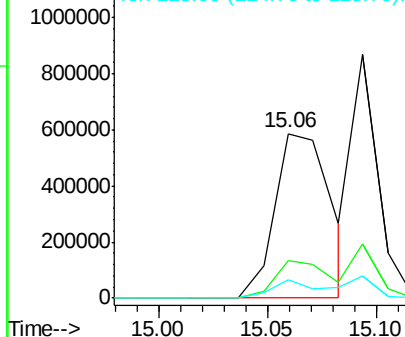


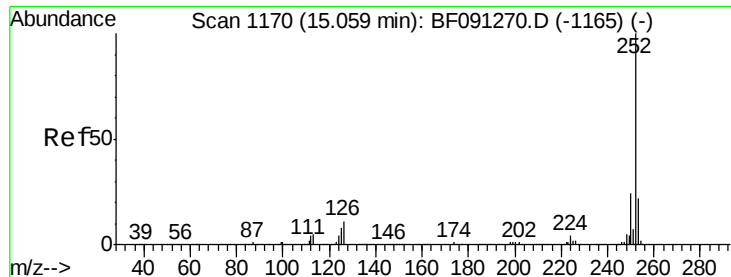
#87
Benzo(b)fluoranthene
Concen: 25.16 ng
RT: 15.06 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion:252 Resp: 1051152
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.2
125 10.9 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

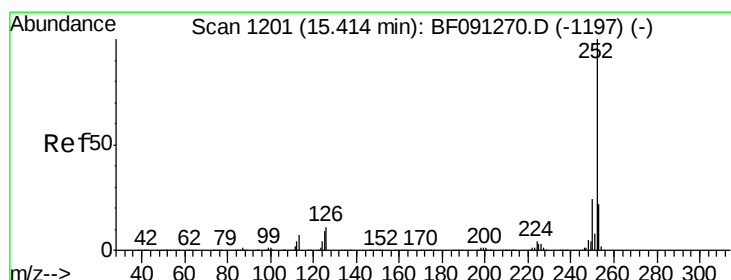
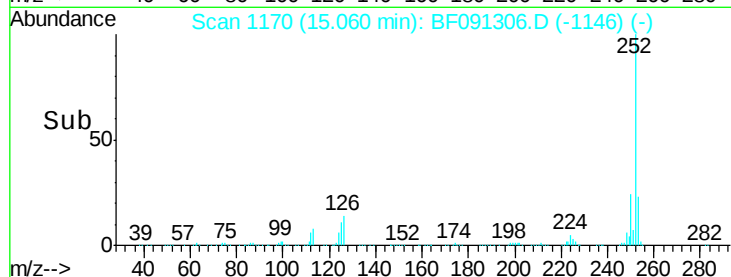
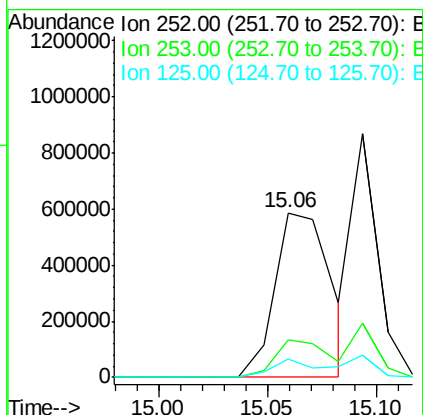
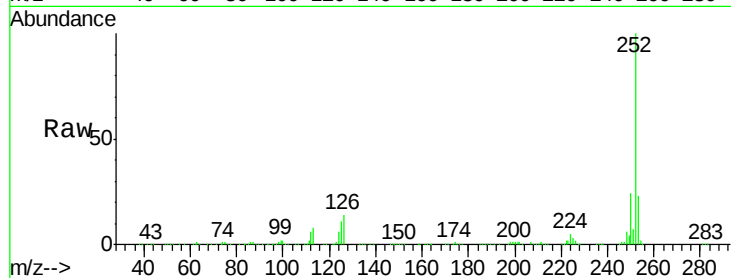




#88
Benzo(k)fluoranthene
Concen: 30.80 ng
RT: 15.06 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

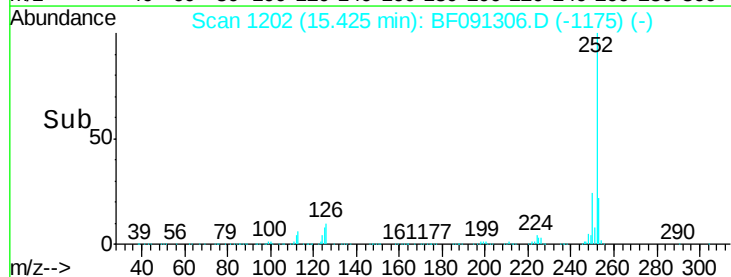
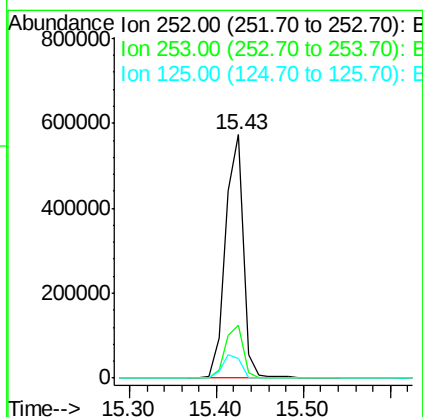
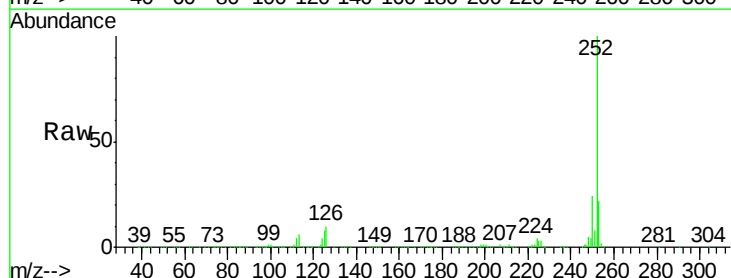
Instrument :
BNA_F
ClientSampleId :
PB94898BS

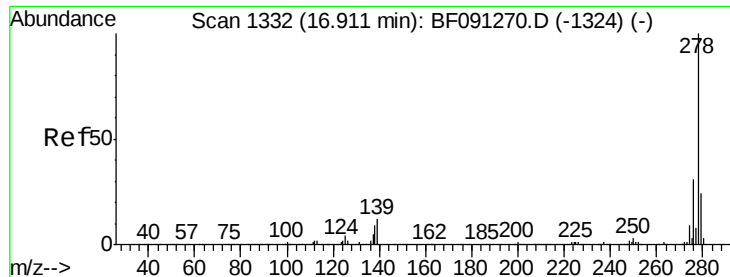
Tgt Ion:252 Resp: 1051152
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 10.9 9.6 14.4



#89
Benzo(a)pyrene
Concen: 23.00 ng
RT: 15.43 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion:252 Resp: 817496
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 7.9 10.4 15.6#





#90

Dibenzo(a,h)anthracene

Concen: 19.92 ng

RT: 16.92 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleId :

PB94898BS

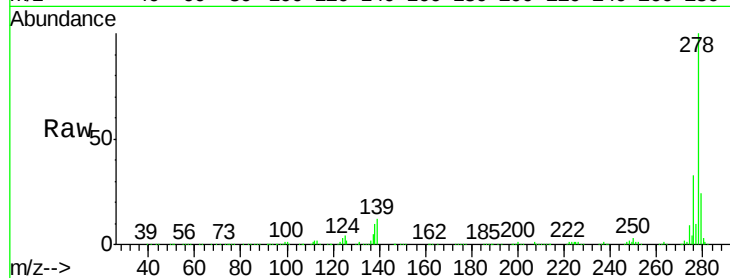
Tgt Ion: 278 Resp: 653800

Ion Ratio Lower Upper

278 100

139 12.0 15.1 22.7#

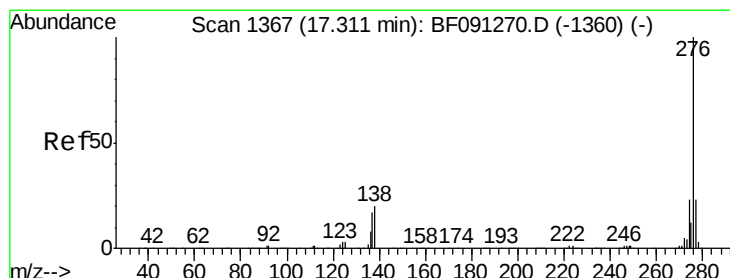
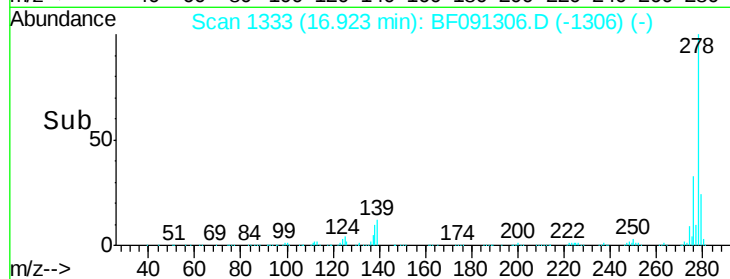
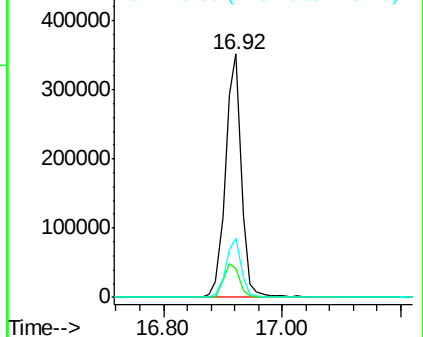
279 24.3 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 19.39 ng

RT: 17.32 min Scan# 1368

Delta R.T. 0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

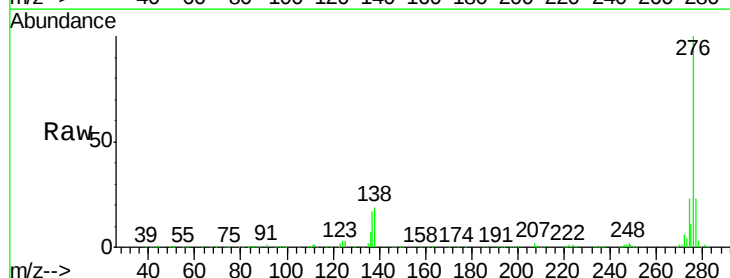
Tgt Ion: 276 Resp: 631082

Ion Ratio Lower Upper

276 100

277 23.1 19.0 28.4

138 19.2 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

