

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
 Data File : BF091272.D
 Acq On : 23 Nov 2016 11:46
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 12:16:47 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 11:54:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	210871	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	863818	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	484840	20.00	ng	0.01
63) Phenanthrene-d10	11.40	188	802877	20.00	ng	0.00
75) Chrysene-d12	14.04	240	574246	20.00	ng	0.00
86) Perylene-d12	15.47	264	472621	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1522955	120.07	ng	0.00
7) Phenol-d6	6.51	99	1888602	124.52	ng	0.01
23) Nitrobenzene-d5	7.45	82	1706591	108.94	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	580878	128.33	ng	0.01
44) 2-Fluorobiphenyl	9.25	172	3195035	115.09	ng	0.01
78) Terphenyl-d14	12.99	244	2497360	98.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	353176	61.27	ng	87
3) Pyridine	3.22	79	960434	63.72	ng	# 85
4) n-Nitrosodimethylamine	3.18	42	543955	66.87	ng	95
6) Aniline	6.54	93	1261967	69.27	ng	# 69
8) 2-Chlorophenol	6.67	128	836944	61.59	ng	99
9) Benzaldehyde	6.42	77	434226	57.02	ng	91
10) Phenol	6.52	94	926009	52.19	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	845932	61.18	ng	92
12) 1,3-Dichlorobenzene	6.90	146	907207	61.41	ng	97
13) 1,4-Dichlorobenzene	6.90	146	907207	58.77	ng	97
14) 1,2-Dichlorobenzene	6.90	146	907207	66.17	ng	95
15) Benzyl Alcohol	7.02	79	745229	62.55	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1703004	64.36	ng	72
17) 2-Methylphenol	7.14	107	685342	50.16	ng	# 76
18) Hexachloroethane	7.40	117	338654	59.29	ng	95
19) n-Nitroso-di-n-propylamine	7.31	70	645553	58.24	ng	# 91
20) 3+4-Methylphenols	7.29	107	776243	56.81	ng	# 74
22) Acetophenone	7.30	105	1085780	52.72	ng	# 88
24) Nitrobenzene	7.47	77	1019124	58.44	ng	# 87
25) Isophorone	7.71	82	1588584	53.76	ng	100
26) 2-Nitrophenol	7.78	139	374030	50.20	ng	99
27) 2,4-Dimethylphenol	7.82	122	794860	67.70	ng	93
28) bis(2-Chloroethoxy)methane	7.92	93	934524	57.86	ng	100
29) 2,4-Dichlorophenol	8.02	162	648894	55.55	ng	96
30) 1,2,4-Trichlorobenzene	8.11	180	789166	60.48	ng	98
31) Naphthalene	8.19	128	2253205	55.83	ng	99
32) Benzoic acid	7.97	122	685937	79.46	ng	# 78
33) 4-Chloroaniline	8.24	127	1043460	63.88	ng	97
34) Hexachlorobutadiene	8.32	225	467580	60.44	ng	99
35) Caprolactam	8.62	113	195188	59.34	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	680221	53.14	ng	98
37) 2-Methylnaphthalene	8.88	142	1567698	57.93	ng	92
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	709301	51.88	ng	99
40) Hexachlorocyclopentadiene	9.04	237	324039	75.92	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	513618	61.73	nq	94
43) 2,4,5-Trichlorophenol	9.20	196	502563	57.66	nq	95
45) 1,1'-Biphenyl	9.34	154	1764338	47.71	nq	98
46) 2-Chloronaphthalene	9.37	162	1351874	49.14	nq	98
47) 2-Nitroaniline	9.46	65	496670	48.65	nq	# 76
48) Acenaphthylene	9.79	152	2364287	57.11	nq	99
49) Dimethylphthalate	9.65	163	1513171	46.78	nq	97
50) 2,6-Dinitrotoluene	9.71	165	412705	59.52	nq	86
51) Acenaphthene	9.96	154	1612587	62.82	nq	97
52) 3-Nitroaniline	9.88	138	471170	63.73	nq	81
53) 2,4-Dinitrophenol	9.97	184	146548	37.88	nq	# 76
54) Dibenzofuran	10.13	168	2181141	61.01	nq	94
55) 4-Nitrophenol	10.03	139	346750	94.28	nq	# 65
56) 2,4-Dinitrotoluene	10.11	165	548501	62.82	nq	# 79
57) Fluorene	10.48	166	1623777	56.11	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	421642	57.46	nq	94
59) Diethylphthalate	10.35	149	1644647	52.45	nq	96
60) 4-Chlorophenyl-phenylether	10.46	204	690805	50.84	nq	# 87
61) 4-Nitroaniline	10.49	138	396971	52.12	nq	89
62) Azobenzene	10.62	77	1782141	47.79	nq	89
64) 4,6-Dinitro-2-methylphenol	10.52	198	267668	52.23	nq	# 35
65) n-Nitrosodiphenylamine	10.59	169	1420387	58.71	nq	98
66) 4-Bromophenyl-phenylether	10.96	248	524911	62.55	nq	# 83
67) Hexachlorobenzene	11.01	284	537214	58.67	nq	# 80
68) Atrazine	11.10	200	186022	20.89	nq	98
69) Pentachlorophenol	11.21	266	330957	91.28	nq	96
70) Phenanthrene	11.42	178	2307238	54.67	nq	99
71) Anthracene	11.48	178	2259357	53.73	nq	99
72) Carbazole	11.63	167	1913098	49.66	nq	99
73) Di-n-butylphthalate	11.97	149	2531296	55.21	nq	99
74) Fluoranthene	12.61	202	2209400	48.07	nq	97
76) Benzidine	12.73	184	610056	47.30	nq	98
77) Pyrene	12.84	202	2291617	52.03	nq	98
79) Butylbenzylphthalate	13.47	149	1085303	58.69	nq	90
80) Benzo(a)anthracene	14.03	228	1751839	50.36	nq	98
81) 3,3'-Dichlorobenzidine	14.00	252	621951	51.58	nq	# 98
82) Chrysene	14.07	228	1665876	46.58	nq	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	1216551	51.91	nq	# 94
84) Di-n-octyl phthalate	14.64	149	1904680	46.41	nq	99
85) Indeno(1,2,3-cd)pyrene	16.90	276	1660736	58.39	nq	96
87) Benzo(b)fluoranthene	15.06	252	1523501	53.64	nq	98
88) Benzo(k)fluoranthene	15.06	252	1523501	53.09	nq	# 98
89) Benzo(a)pyrene	15.41	252	1448743	55.62	nq	98
90) Dibenzo(a,h)anthracene	16.91	278	1456685	67.87	nq	# 95
91) Benzo(g,h,i)perylene	17.32	276	1451858	66.18	nq	98

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

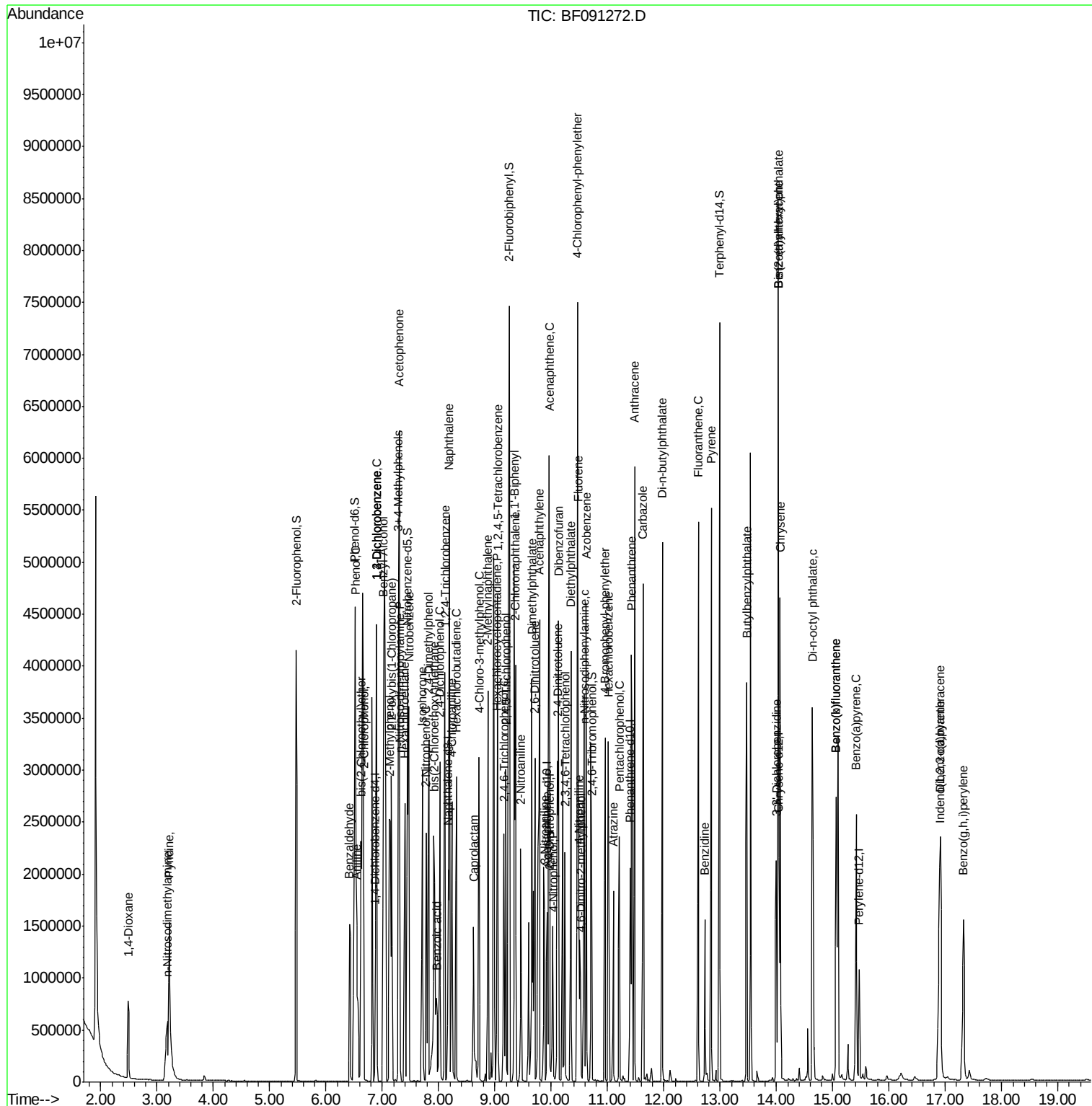
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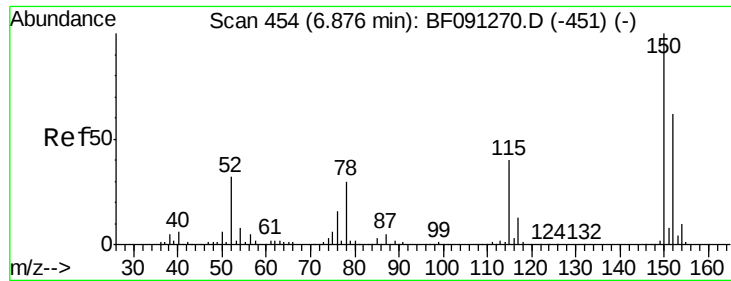
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

Instrument :

BNA_F

ClientSampleId :

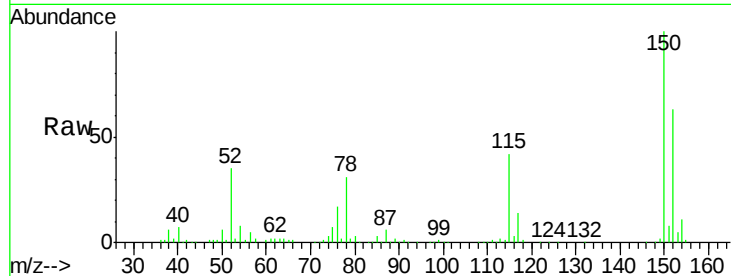
Tot Ion:152 Resp: 210871

Ion Ratio Lower Upper

152 100

150 158.1 122.5 183.7

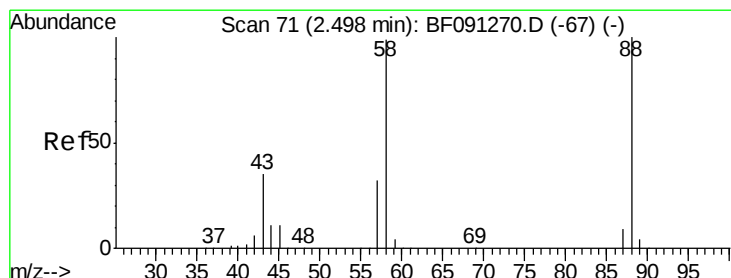
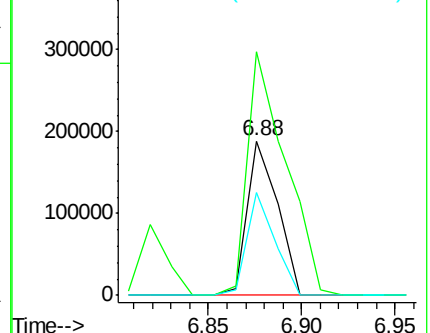
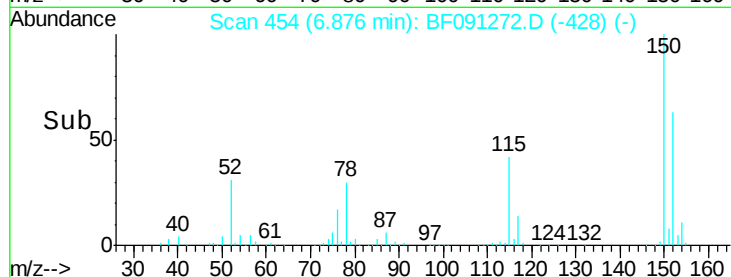
115 67.1 51.8 77.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 61.27 ng

RT: 2.49 min Scan# 70

Delta R.T. -0.01 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

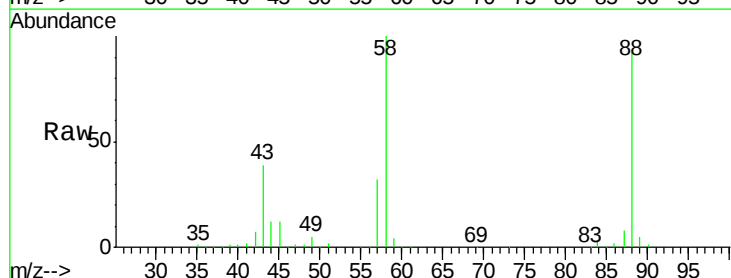
Tgt Ion: 88 Resp: 353176

Ion Ratio Lower Upper

88 100

58 104.9 70.3 105.5

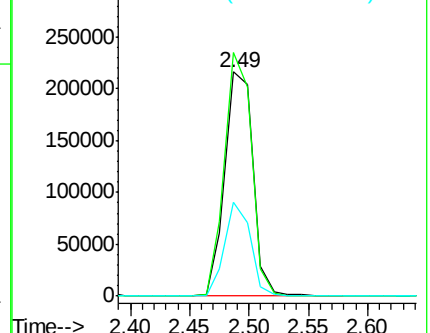
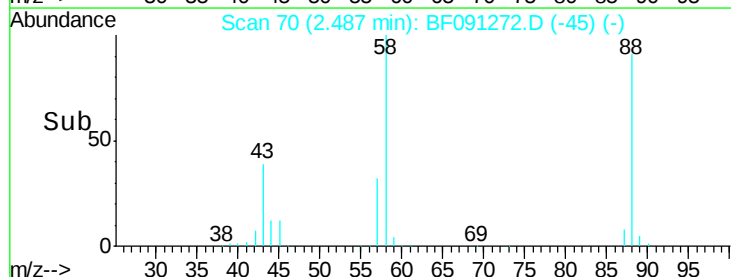
43 39.0 31.3 46.9

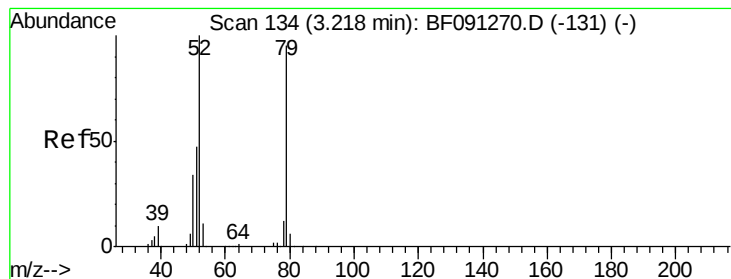


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 63.72 ng

RT: 3.22 min Scan# 134

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

Instrument :

BNA_F

ClientSampleId :

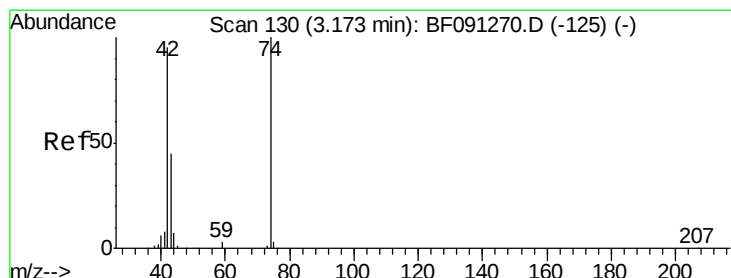
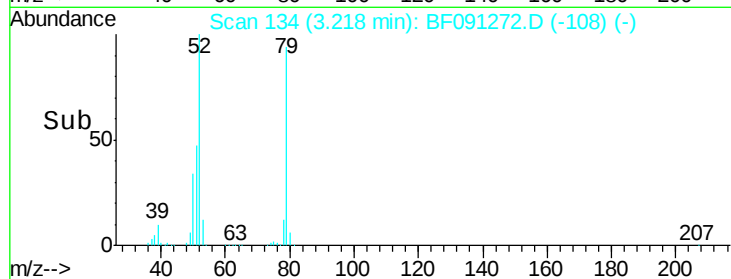
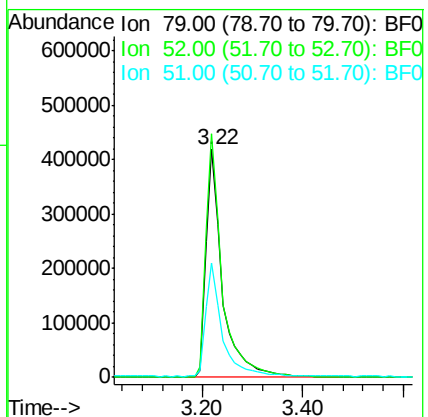
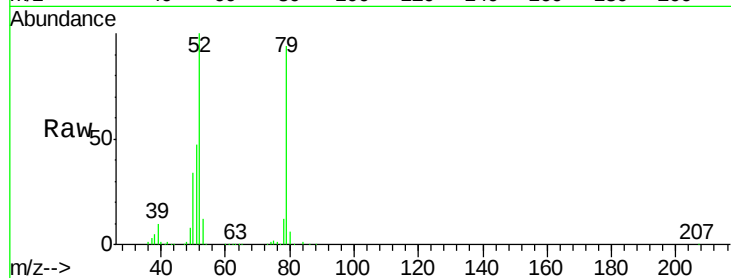
Tot Ion: 79 Resp: 960434

Ion Ratio Lower Upper

79 100

52 106.7 71.0 106.4#

51 50.3 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 66.87 ng

RT: 3.18 min Scan# 131

Delta R.T. 0.01 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

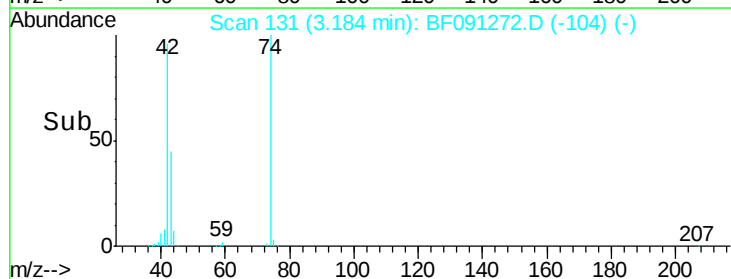
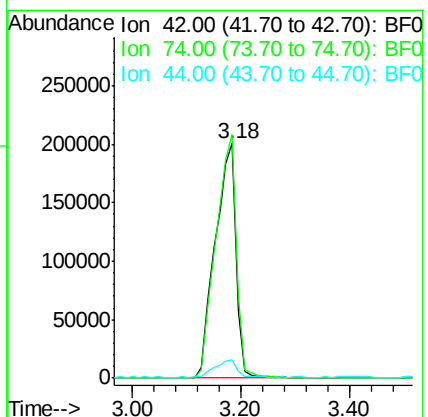
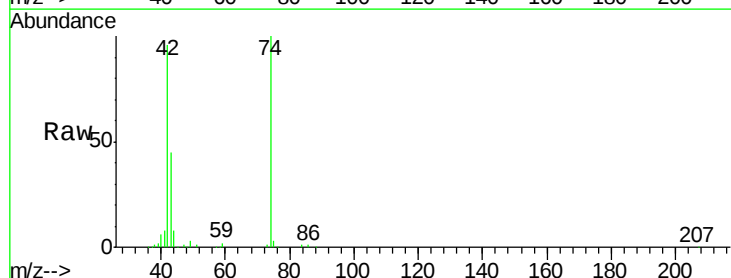
Tgt Ion: 42 Resp: 543955

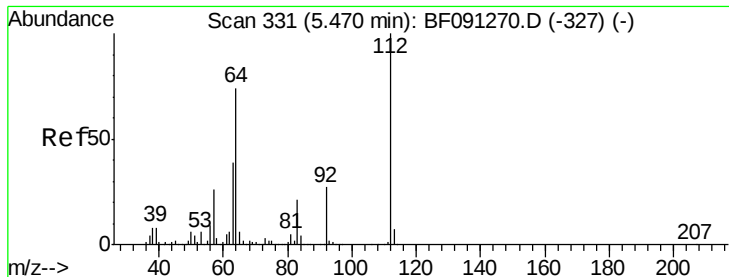
Ion Ratio Lower Upper

42 100

74 103.8 78.9 118.3

44 8.1 5.8 8.6





#5

2-Fluorophenol

Concen: 120.07 ng

RT: 5.47 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

Instrument :
BNA_F
ClientSampleId :

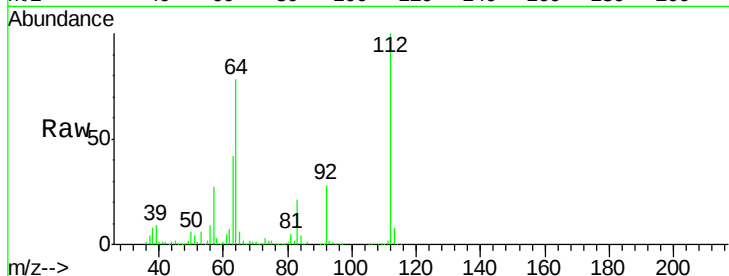
Tot Ion:112 Resp: 1522955

Ion Ratio Lower Upper

112 100

64 77.6 61.5 92.3

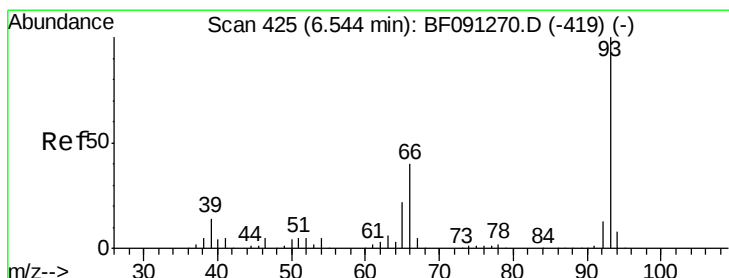
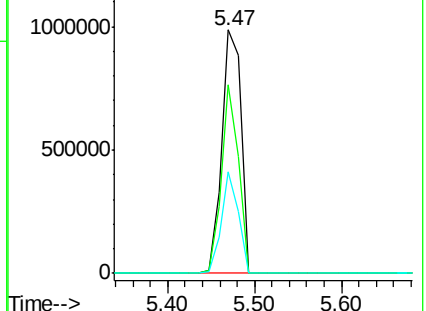
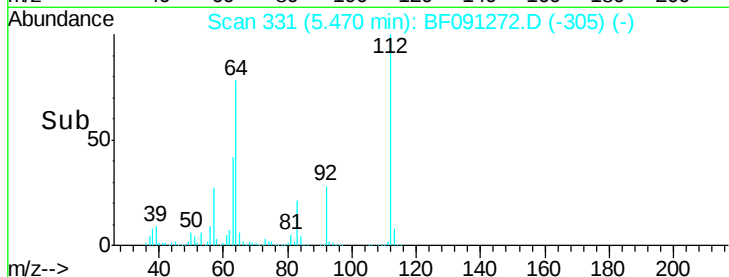
63 41.7 33.3 49.9



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: 69.27 ng

RT: 6.54 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

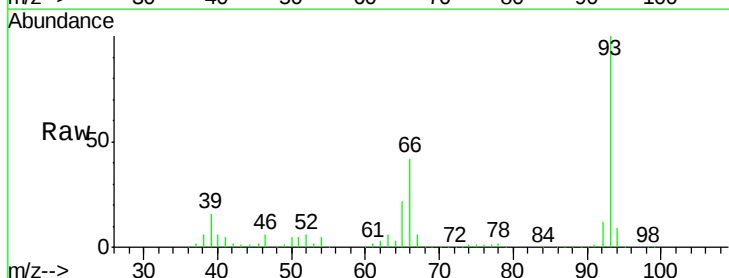
Tgt Ion: 93 Resp: 1261967

Ion Ratio Lower Upper

93 100

66 42.4 55.8 83.6#

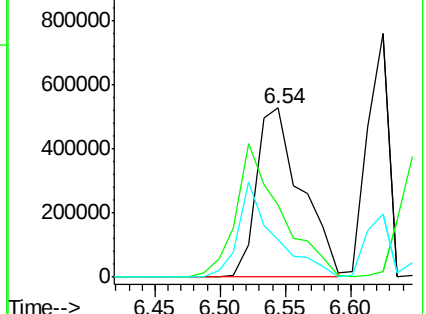
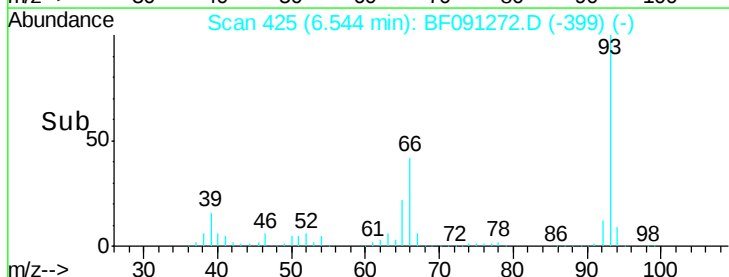
65 21.9 29.9 44.9#

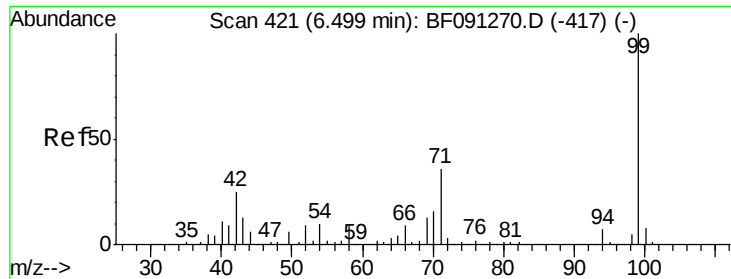


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.52 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

Instrument :

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ClientSampleId :

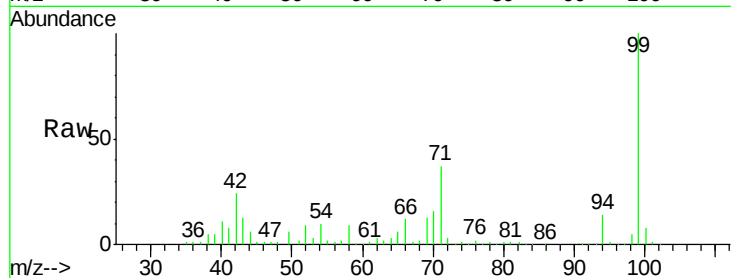
Tot Ion: 99 Resp: 1888602

Ion Ratio Lower Upper

99 100

42 24.4 20.6 31.0

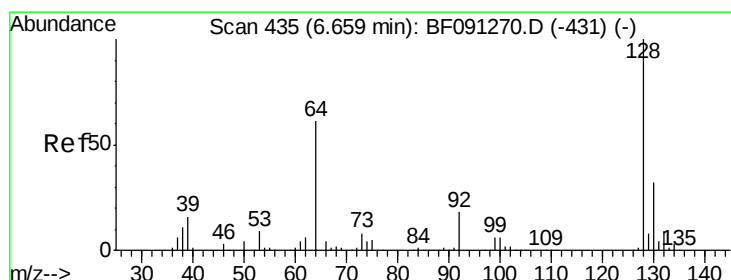
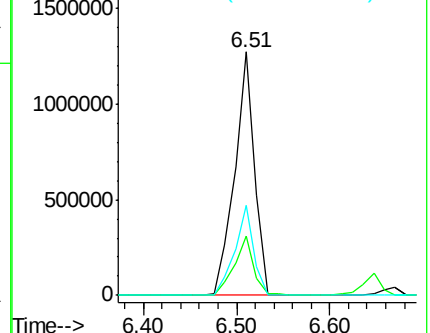
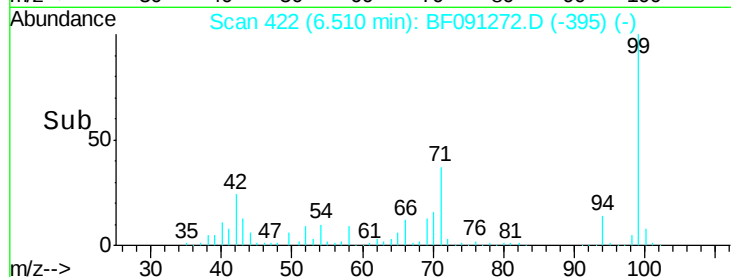
71 37.0 29.9 44.9



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: 61.59 ng

RT: 6.67 min Scan# 436

Delta R.T. 0.01 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

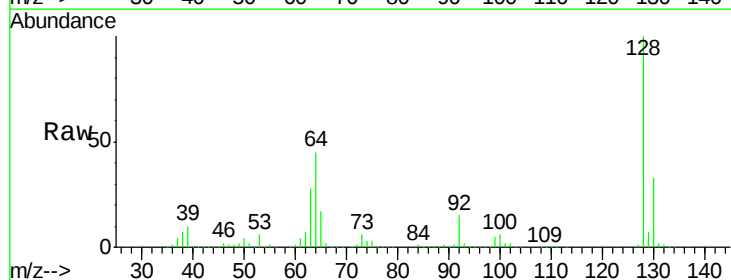
Tgt Ion: 128 Resp: 836944

Ion Ratio Lower Upper

128 100

130 33.3 13.1 53.1

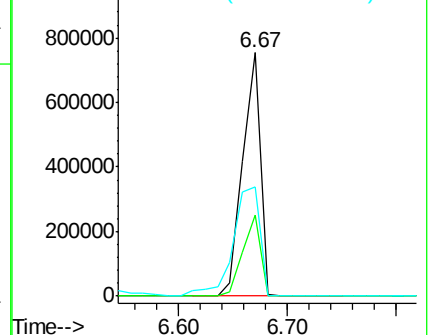
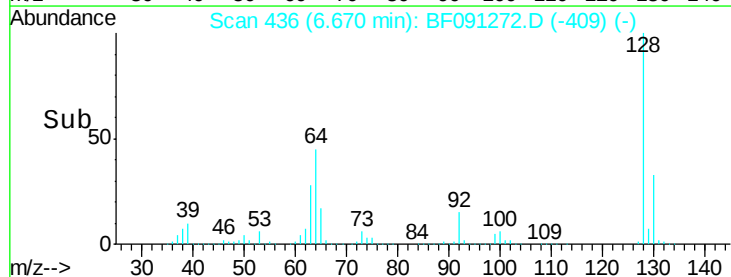
64 44.9 24.1 64.1

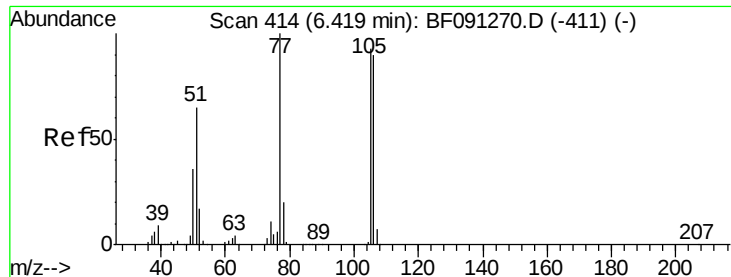


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 57.02 ng

RT: 6.42 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

Instrument :

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ClientSampleId :

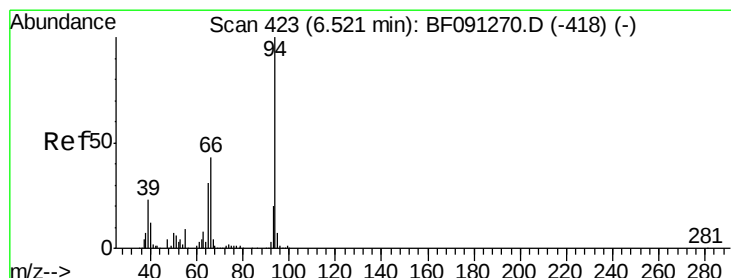
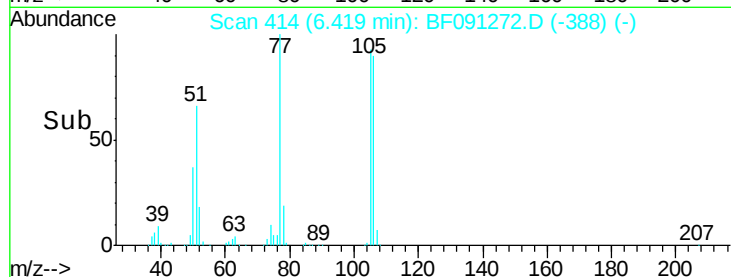
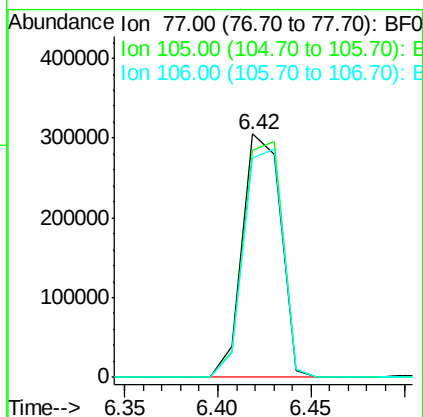
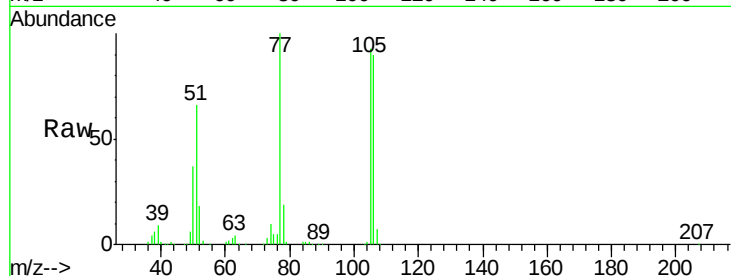
Tot Ion: 77 Resp: 434226

Ion Ratio Lower Upper

77 100

105 93.3 66.4 106.4

106 90.1 60.9 100.9



#10

Phenol

Concen: 52.19 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

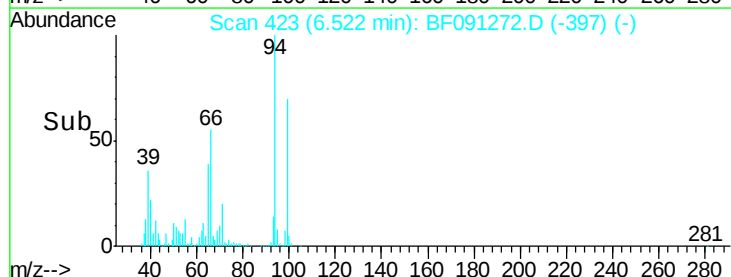
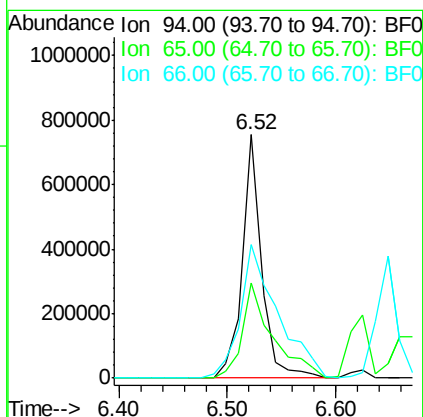
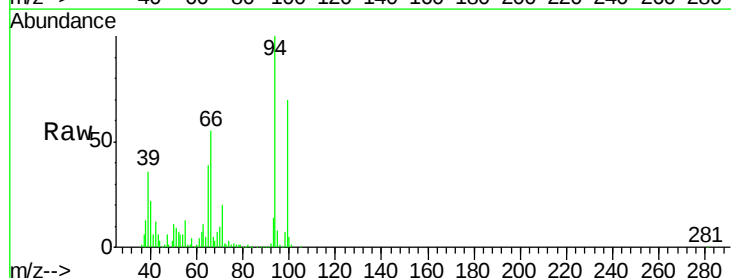
Tgt Ion: 94 Resp: 926009

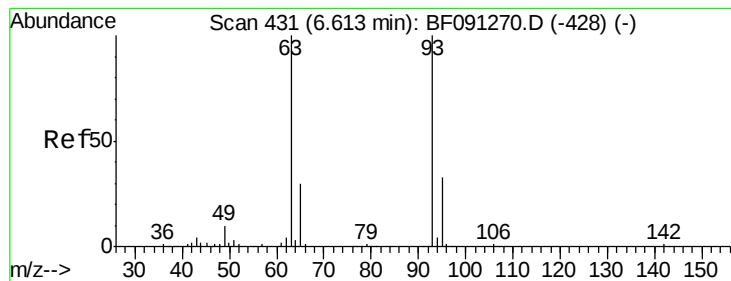
Ion Ratio Lower Upper

94 100

65 39.1 16.9 56.9

66 54.9 30.6 70.6





#11

bis(2-Chloroethyl)ether

Concen: 61.18 ng

RT: 6.62 min Scan# 432

Delta R.T. 0.01 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

Instrument :

BNA_F

ClientSampleId :

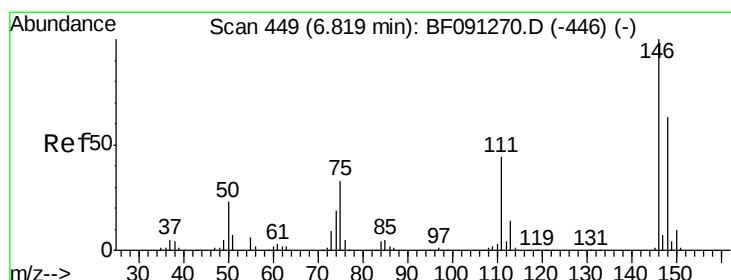
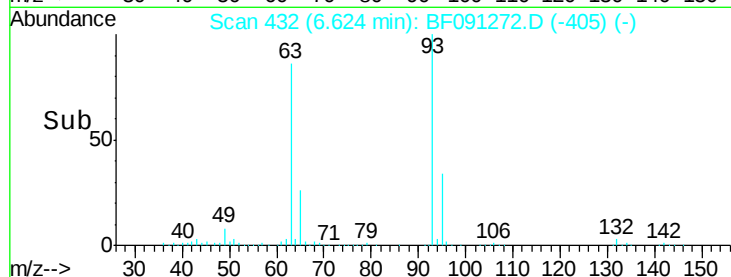
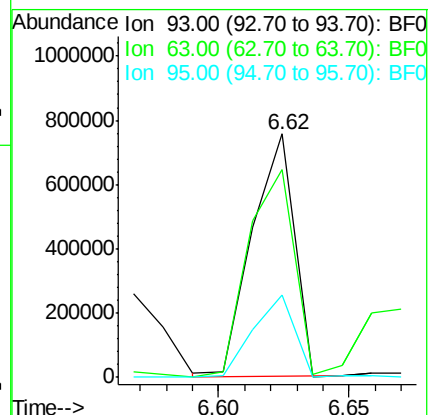
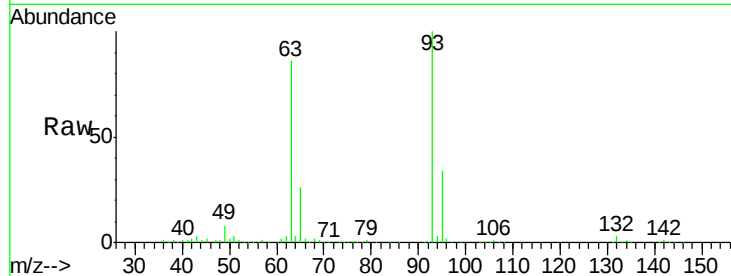
Tot Ion: 93 Resp: 845932

Ion Ratio Lower Upper

93 100

63 85.6 74.8 114.8

95 33.7 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 61.41 ng

RT: 6.90 min Scan# 456

Delta R.T. 0.08 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

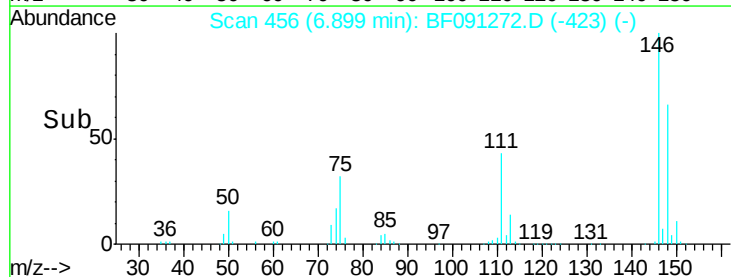
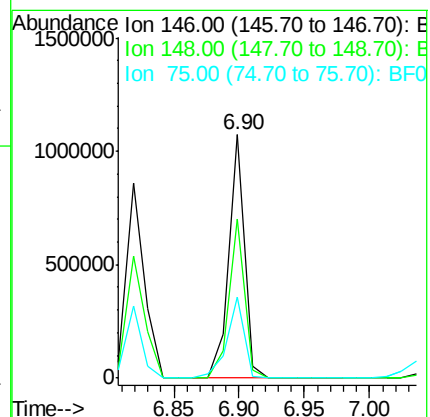
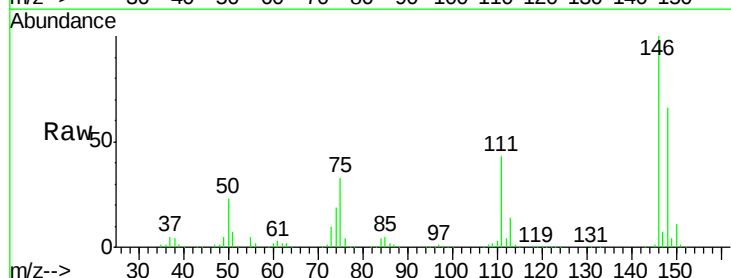
Tgt Ion: 146 Resp: 907207

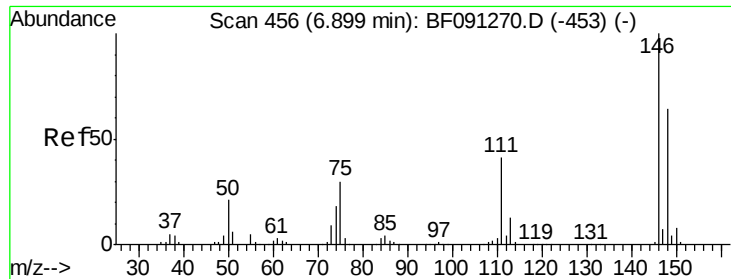
Ion Ratio Lower Upper

146 100

148 65.5 51.4 77.0

75 33.4 23.6 35.4

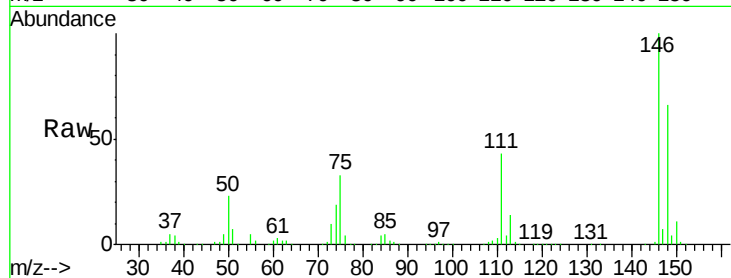




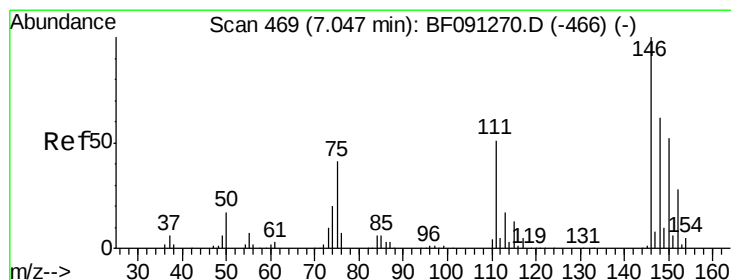
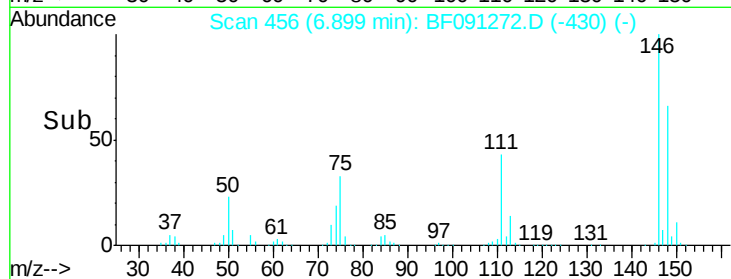
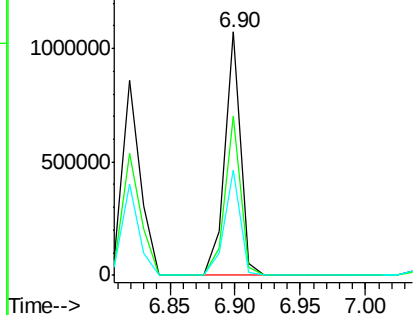
#13
 1,4-Dichlorobenzene
 Concen: 58.77 ng
 RT: 6.90 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF091272.D
 Acq: 23 Nov 2016 11:46

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.4	77.0
111	43.3	32.2	48.2

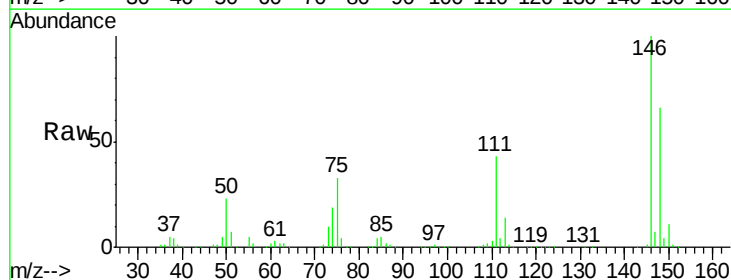


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

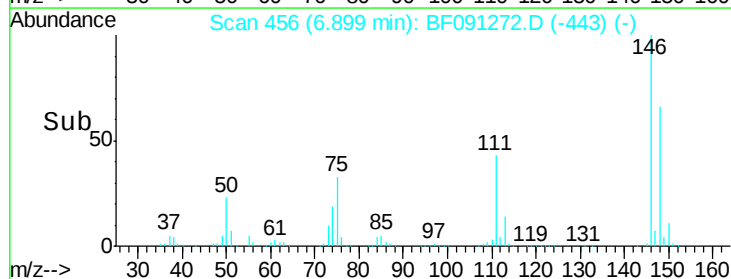
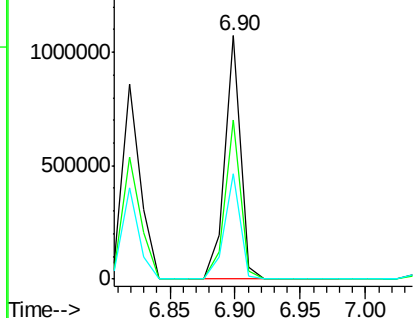


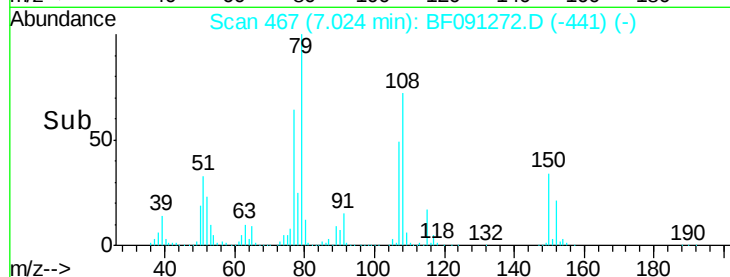
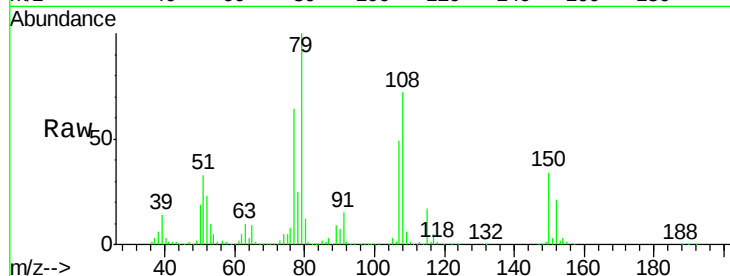
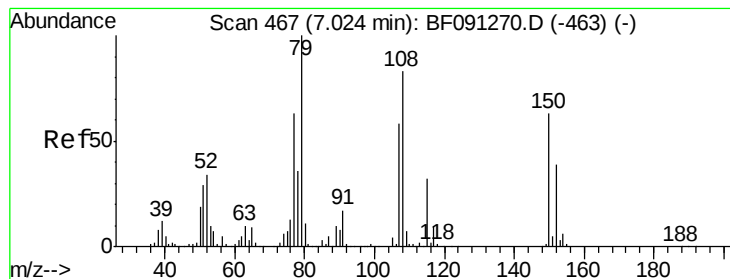
#14
 1,2-Dichlorobenzene
 Concen: 66.17 ng
 RT: 6.90 min Scan# 456
 Delta R.T. -0.15 min
 Lab File: BF091272.D
 Acq: 23 Nov 2016 11:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.0	76.6
111	43.3	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: 62.55 ng

RT: 7.02 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

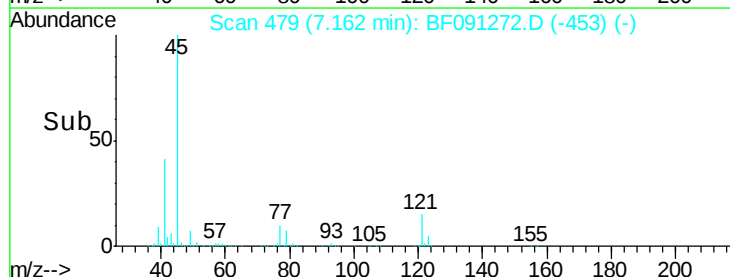
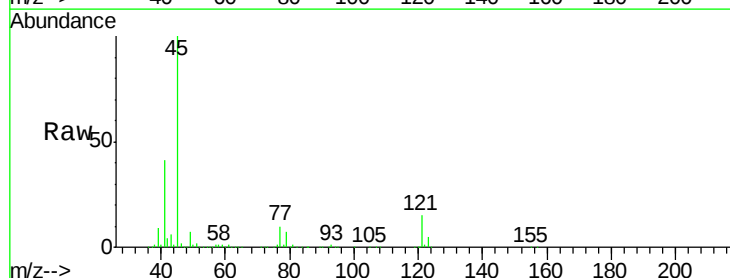
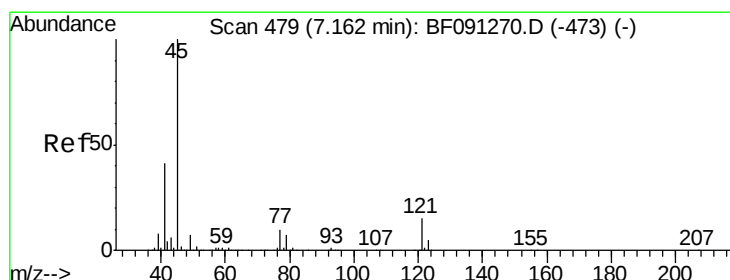
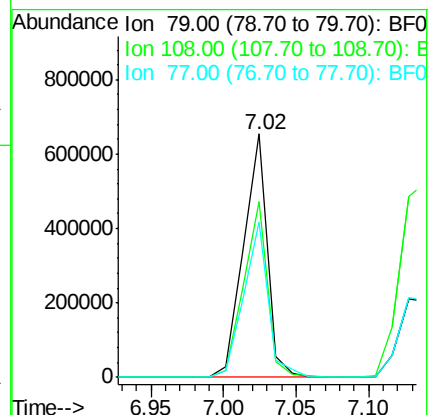
Tot Ion: 79 Resp: 745229

Ion Ratio Lower Upper

79 100

108 71.9 62.7 94.1

77 63.8 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 64.36 ng

RT: 7.16 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

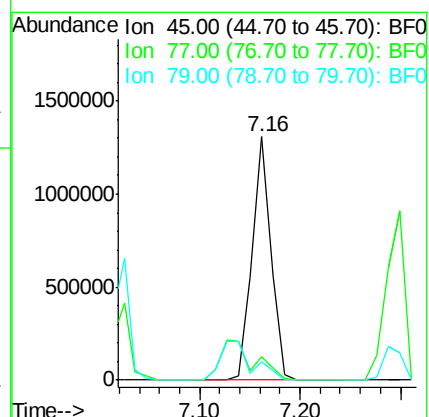
Tgt Ion: 45 Resp: 1703004

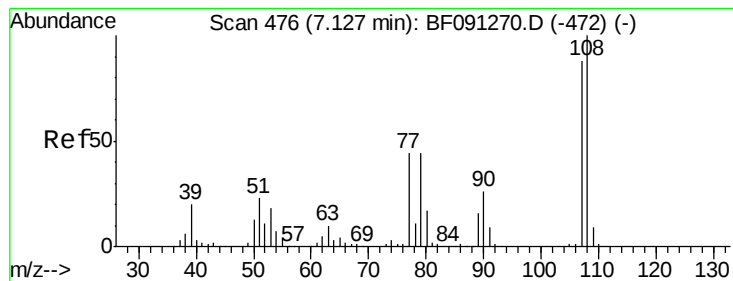
Ion Ratio Lower Upper

45 100

77 9.6 3.8 43.8

79 7.4 0.2 40.2

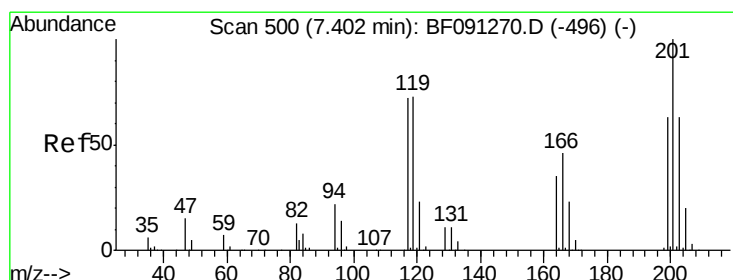
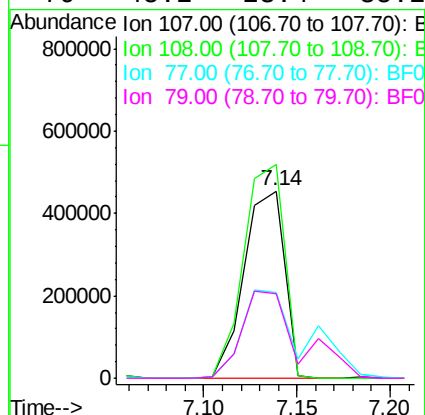
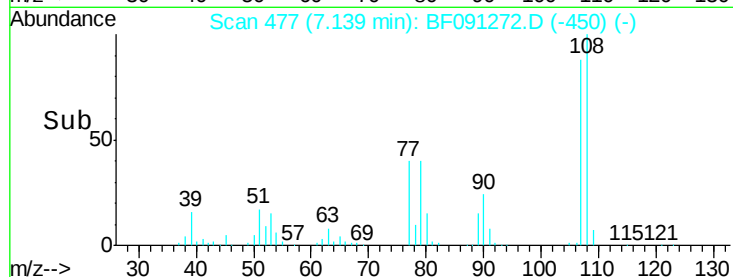
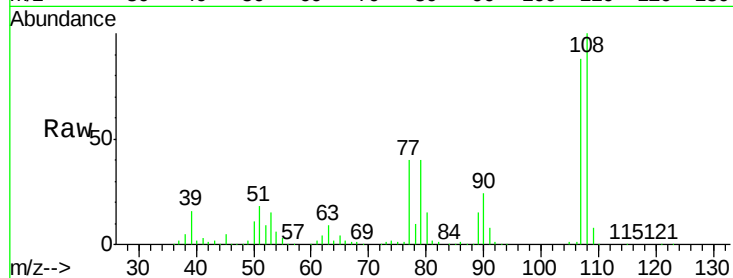




#17
2-Methylphenol
Concen: 50.16 ng
RT: 7.14 min Scan# 477
Delta R.T. 0.01 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

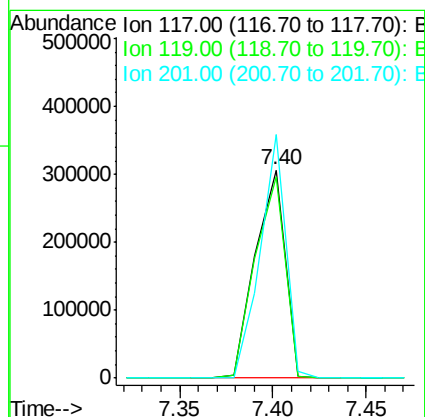
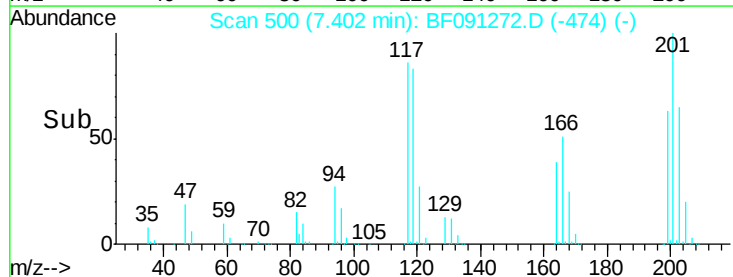
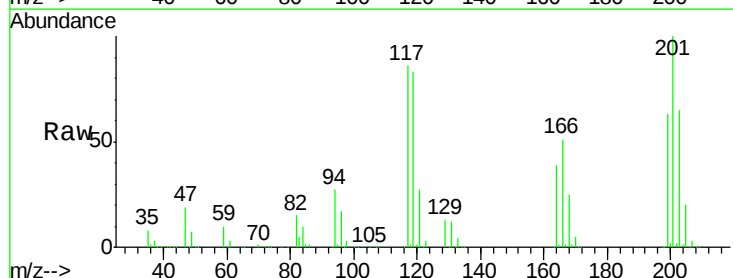
Instrument :
BNA_F
ClientSampleId :

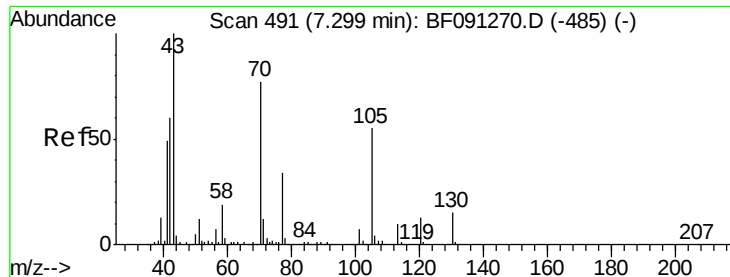
Tot Ion:107 Resp: 685342
Ion Ratio Lower Upper
107 100
108 114.0 67.7 101.5#
77 45.5 40.7 61.1
79 45.2 23.4 35.2#



#18
Hexachloroethane
Concen: 59.29 ng
RT: 7.40 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

Tgt Ion:117 Resp: 338654
Ion Ratio Lower Upper
117 100
119 96.9 78.6 118.0
201 116.8 86.7 130.1

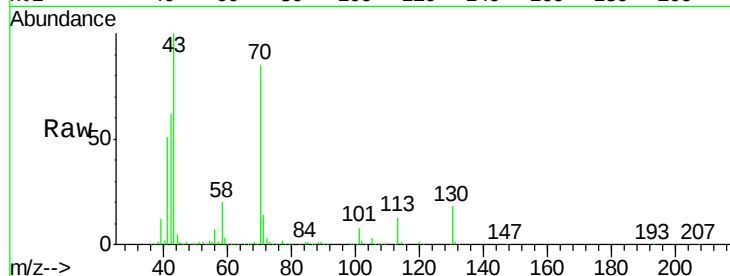




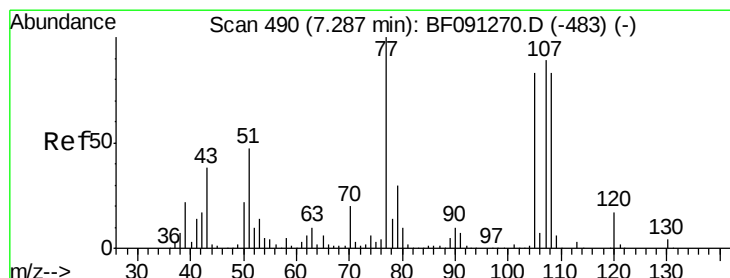
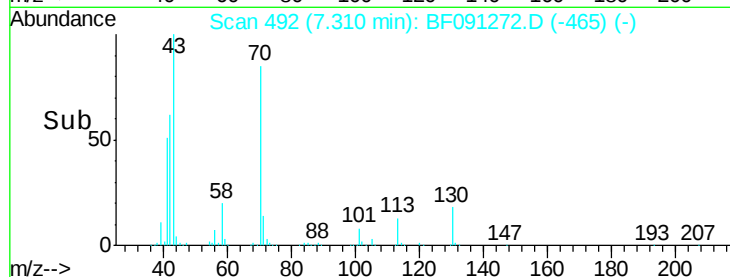
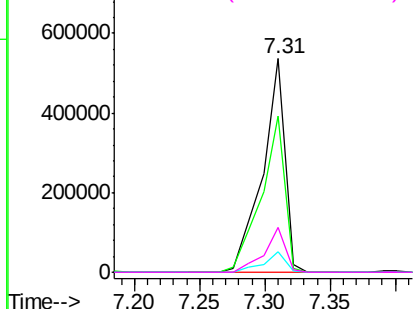
#19
n-Nitroso-di-n-propylamine
Concen: 58.24 ng
RT: 7.31 min Scan# 492
Delta R.T. 0.01 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 645553
Ion Ratio Lower Upper
70 100
42 73.1 64.8 97.2
101 9.4 6.2 9.4#
130 21.0 11.7 17.5#

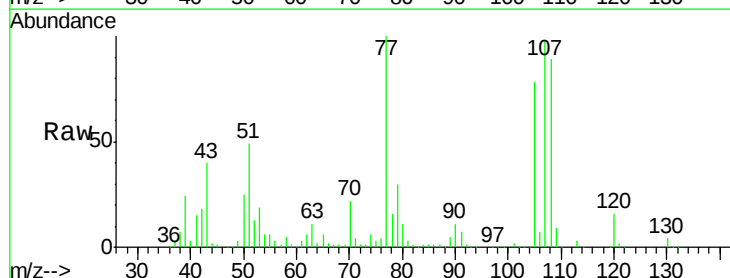


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

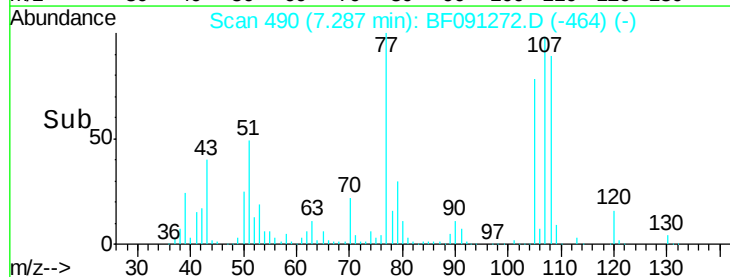
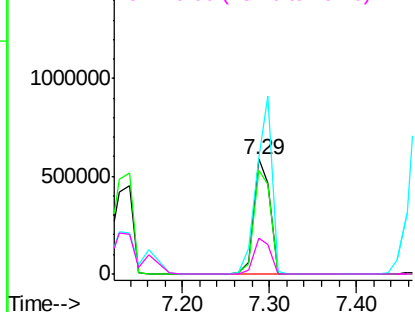


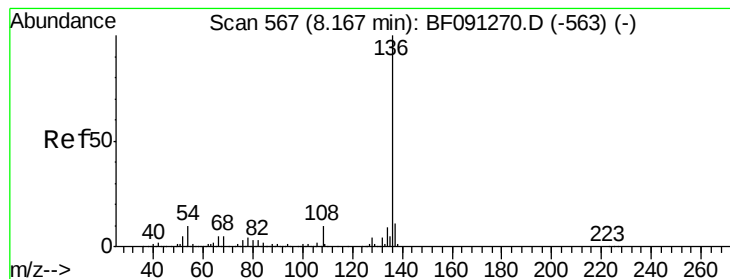
#20
3+4-Methylphenols
Concen: 56.81 ng
RT: 7.29 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

Tgt Ion: 107 Resp: 776243
Ion Ratio Lower Upper
107 100
108 90.1 64.6 104.6
77 101.6 30.9 70.9#
79 30.8 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: BF091272.D

Acq: 23 Nov 2016 11:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 863818

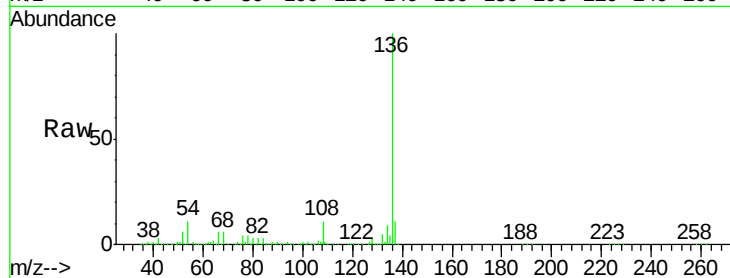
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 11.4 9.1 13.7

68 5.8 5.9 8.9#

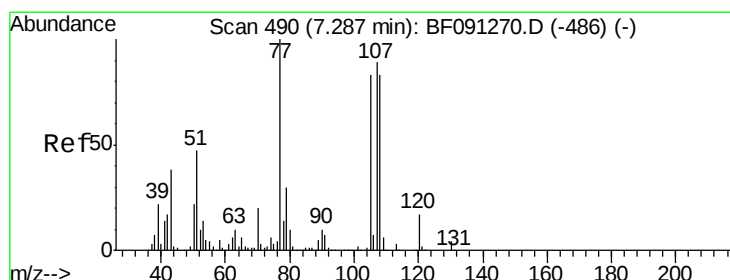
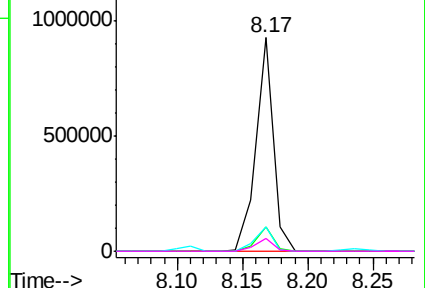
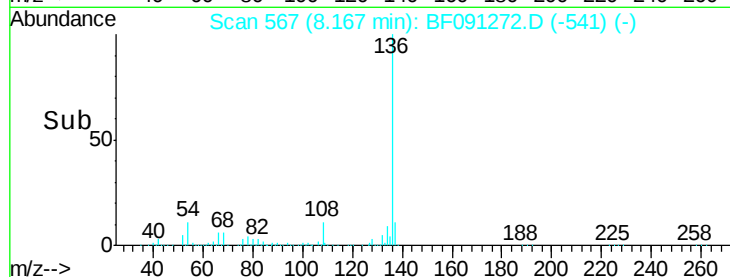


Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.72 ng

RT: 7.30 min Scan# 491

Delta R.T. 0.01 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

Tgt Ion:105 Resp: 1085780

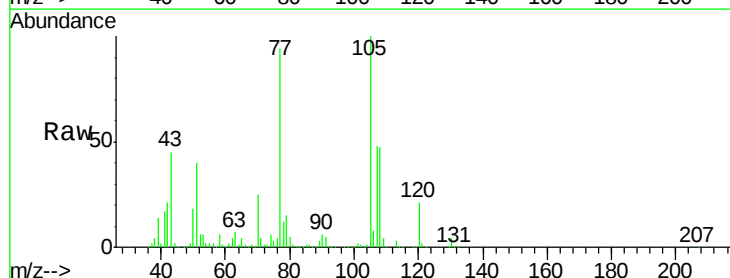
Ion Ratio Lower Upper

105 100

71 4.2 7.9 11.9#

51 40.5 24.5 36.7#

120 21.4 16.6 24.8

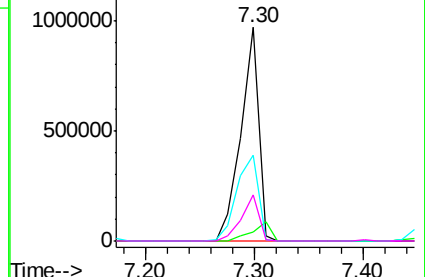
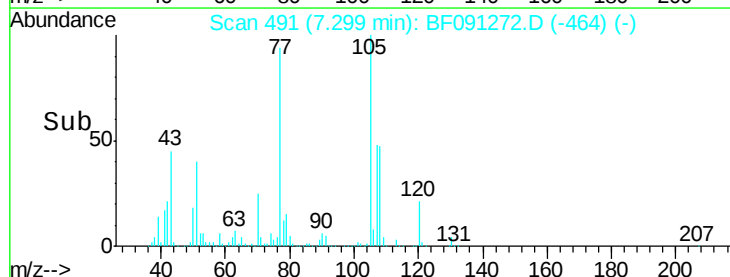


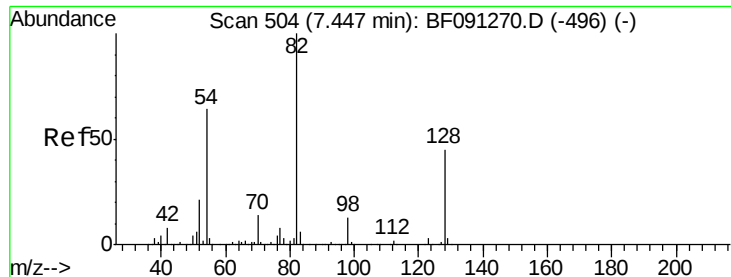
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

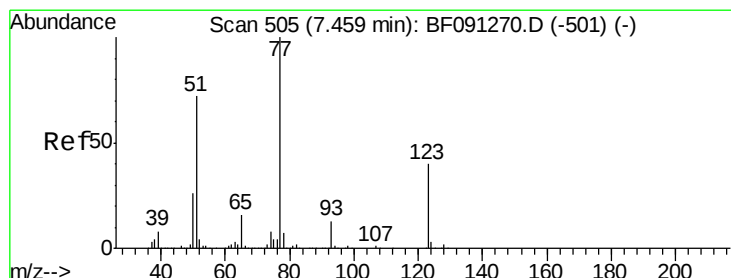
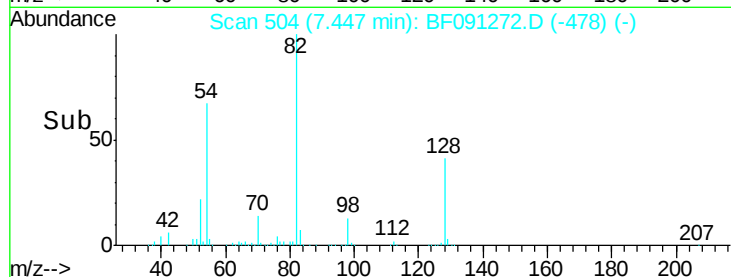
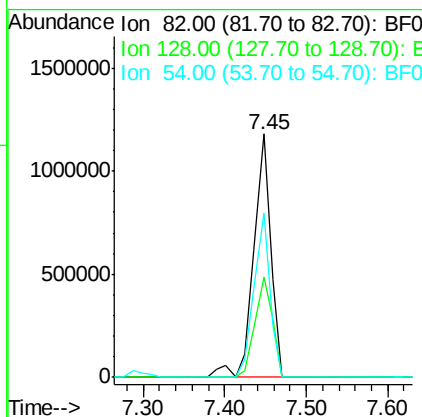
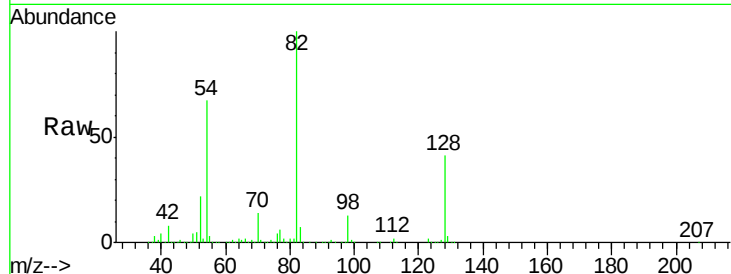




#23
 Nitrobenzene-d5
 Concen: 108.94 ng
 RT: 7.45 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF091272.D
 Acq: 23 Nov 2016 11:46

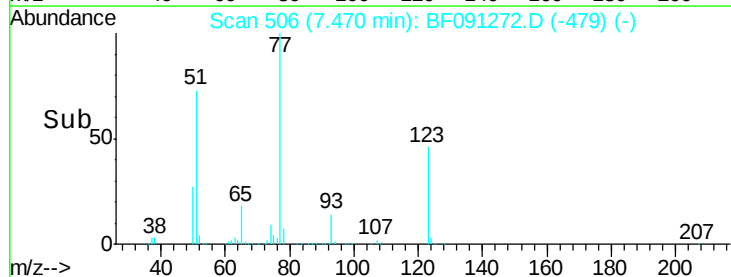
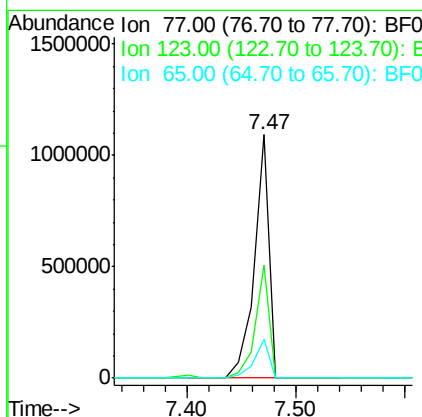
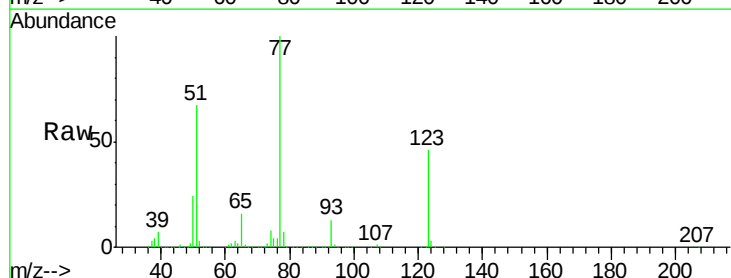
Instrument :
 BNA_F
 ClientSampleId :

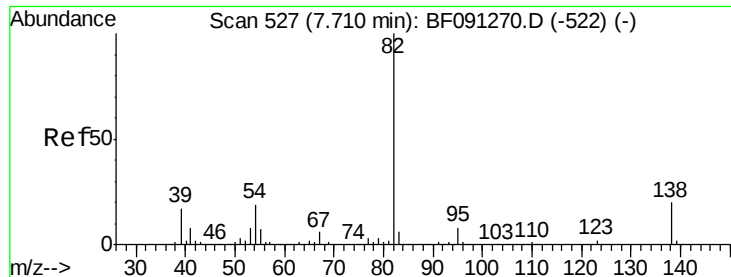
Tot Ion: 82 Resp: 1706591
 Ion Ratio Lower Upper
 82 100
 128 41.0 31.8 47.6
 54 67.5 49.1 73.7



#24
 Nitrobenzene
 Concen: 58.44 ng
 RT: 7.47 min Scan# 506
 Delta R.T. 0.01 min
 Lab File: BF091272.D
 Acq: 23 Nov 2016 11:46

Tgt Ion: 77 Resp: 1019124
 Ion Ratio Lower Upper
 77 100
 123 46.3 28.5 42.7#
 65 15.8 12.5 18.7





#25

Isophorone

Concen: 53.76 ng

RT: 7.71 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

Instrument :

BNA_F

ClientSampleId :

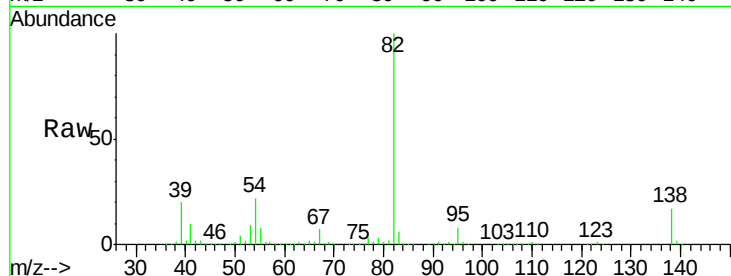
Tot Ion: 82 Resp: 1588584

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

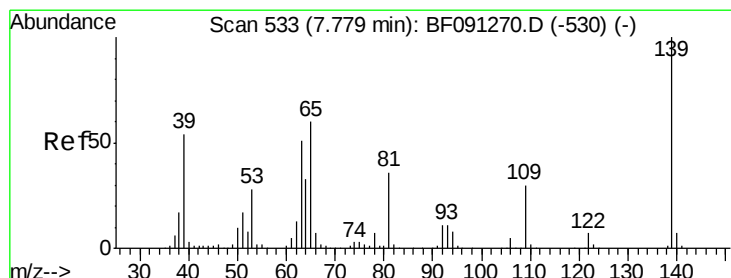
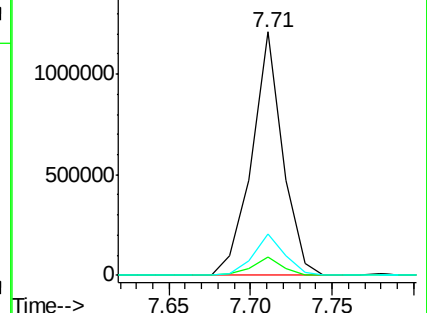
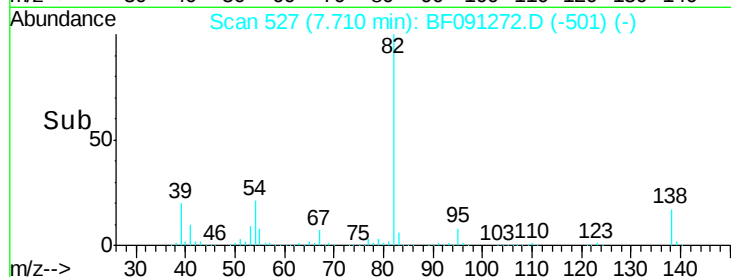
138 16.8 13.4 20.0



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: 50.20 ng

RT: 7.78 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

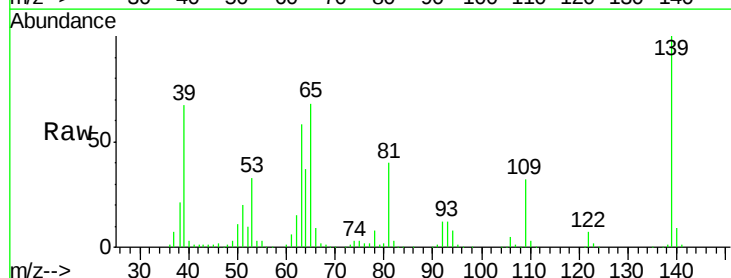
Tgt Ion: 139 Resp: 374030

Ion Ratio Lower Upper

139 100

109 31.8 25.3 37.9

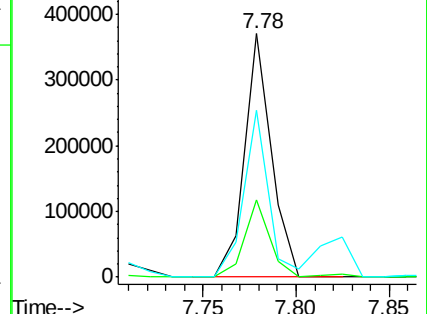
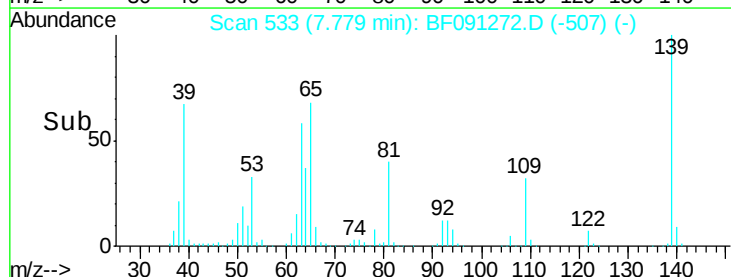
65 68.4 55.4 83.2

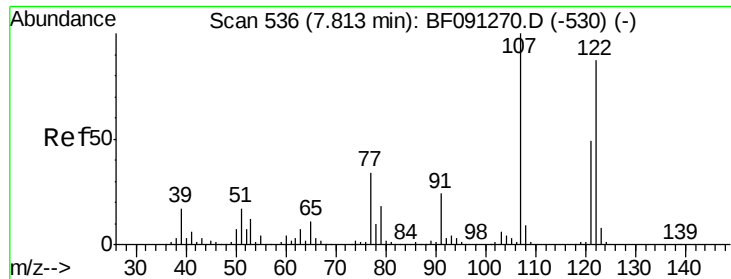


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 67.70 ng

RT: 7.82 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

Instrument :

BNA_F

ClientSampled :

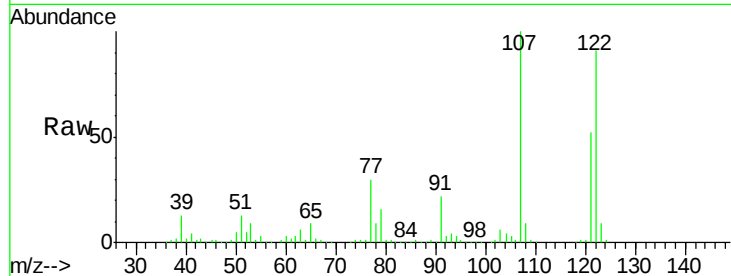
Tot Ion:122 Resp: 794860

Ion Ratio Lower Upper

122 100

107 109.9 96.8 145.2

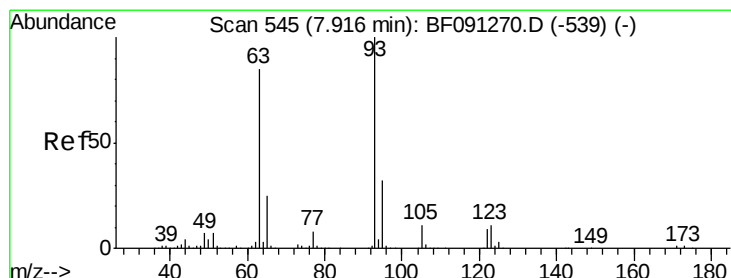
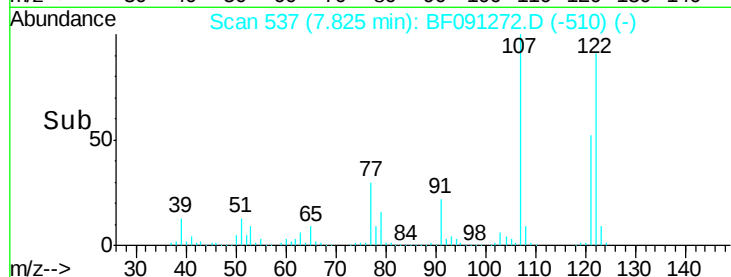
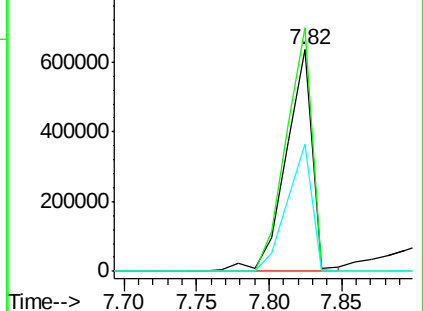
121 57.7 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 57.86 ng

RT: 7.92 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

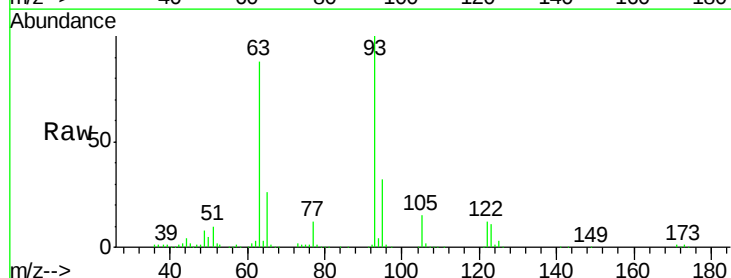
Tgt Ion: 93 Resp: 934524

Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

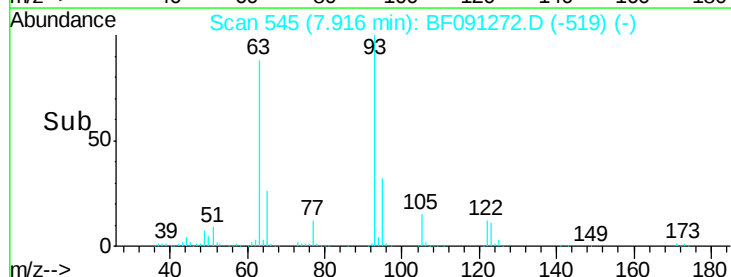
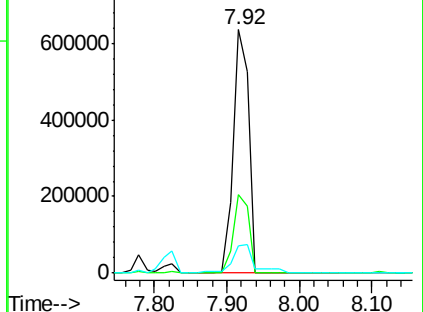
123 11.0 8.6 12.8

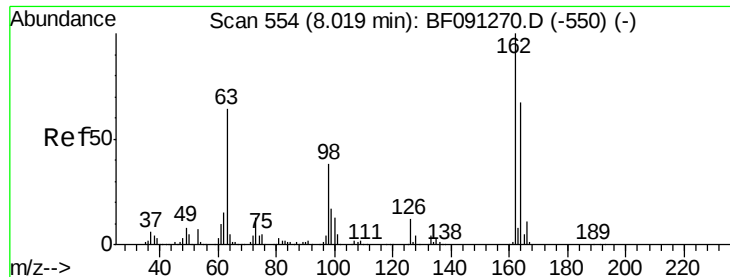


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

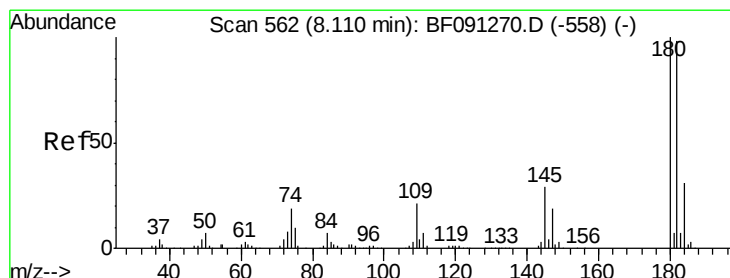
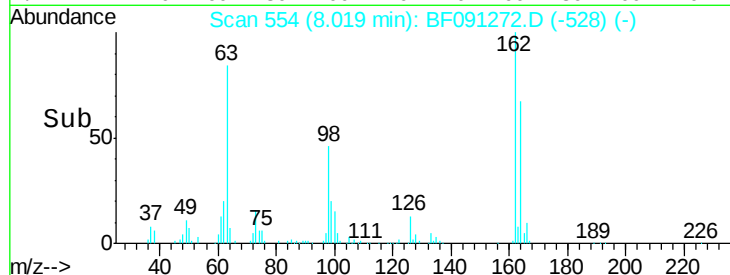
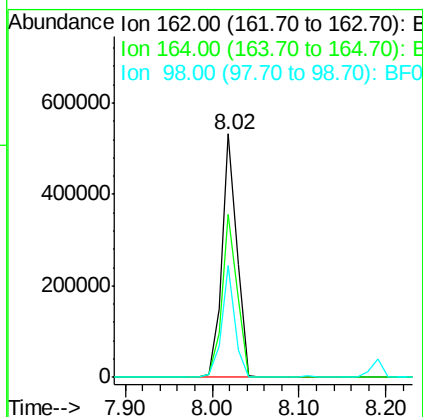
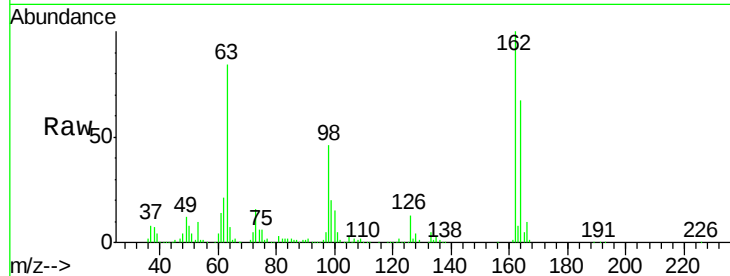




#29
 2,4-Dichlorophenol
 Concen: 55.55 ng
 RT: 8.02 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF091272.D
 Acq: 23 Nov 2016 11:46

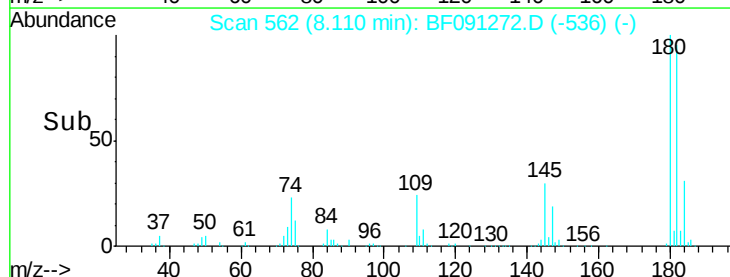
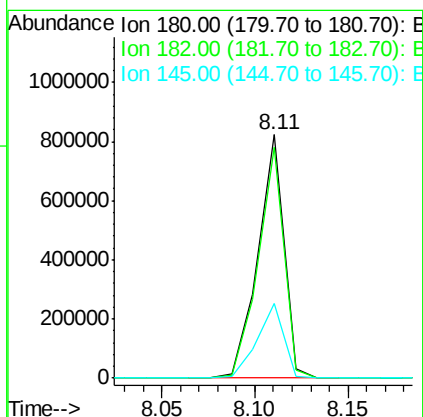
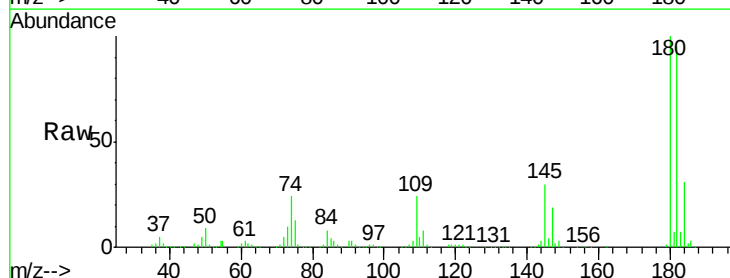
Instrument :
 BNA_F
 ClientSampleId :

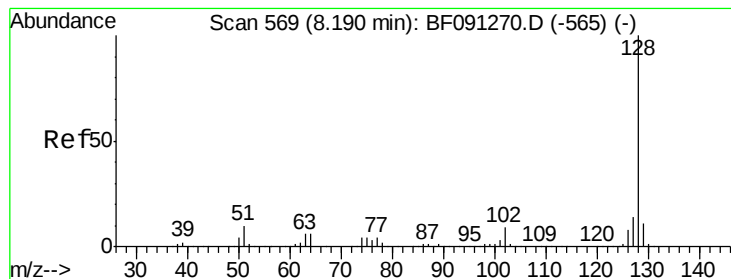
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.9	45.0	85.0
98	45.7	21.3	61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 60.48 ng
 RT: 8.11 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF091272.D
 Acq: 23 Nov 2016 11:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.8	113.8
145	30.5	27.0	40.4





#31

Naphthalene

Concen: 55.83 ng

RT: 8.19 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

Instrument :

BNA_F

ClientSampleId :

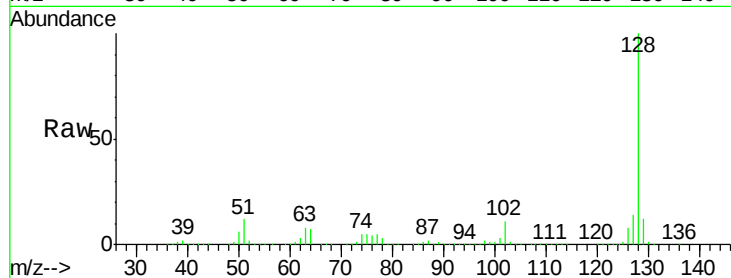
Tot Ion:128 Resp: 2253205

Ion Ratio Lower Upper

128 100

129 12.1 9.1 13.7

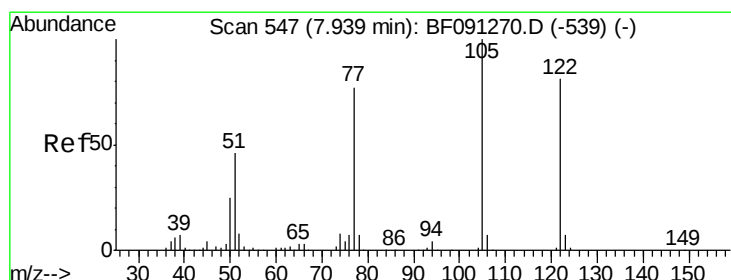
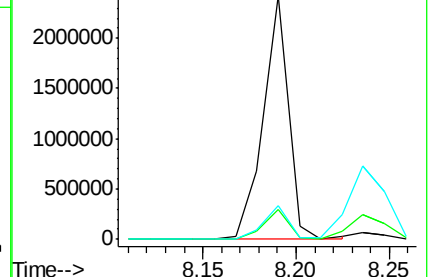
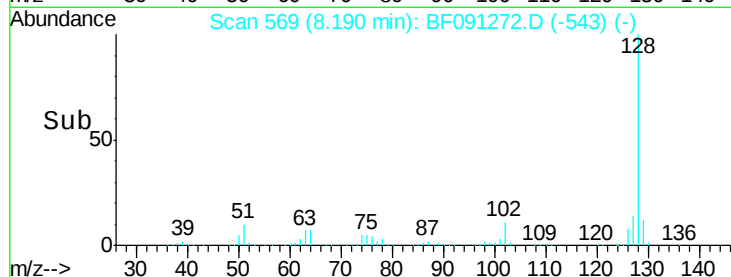
127 14.1 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 79.46 ng

RT: 7.97 min Scan# 550

Delta R.T. 0.03 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

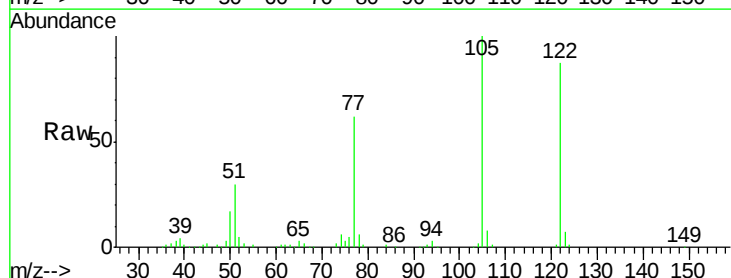
Tgt Ion:122 Resp: 685937

Ion Ratio Lower Upper

122 100

105 114.4 113.0 153.0

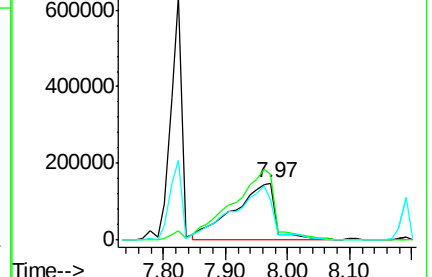
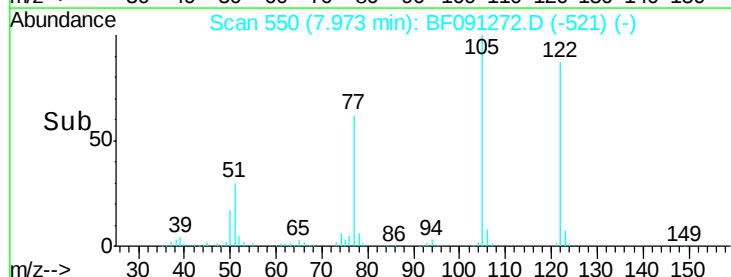
77 71.3 82.0 122.0#

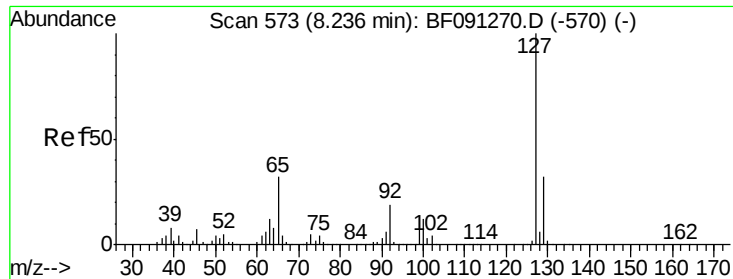


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

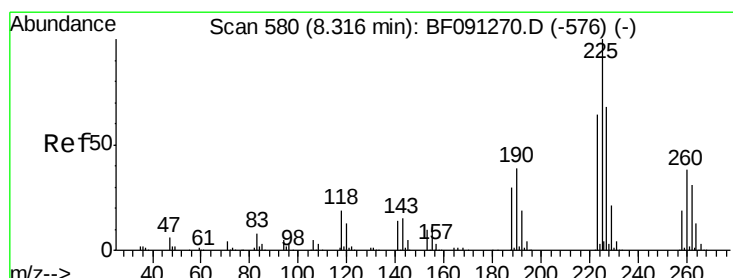
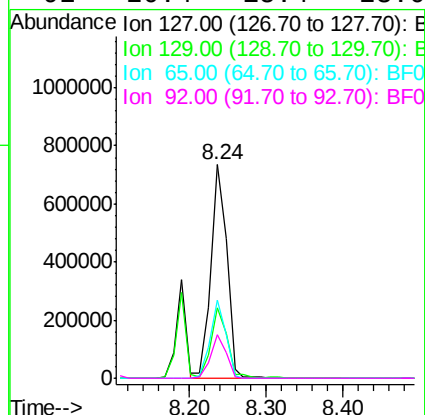
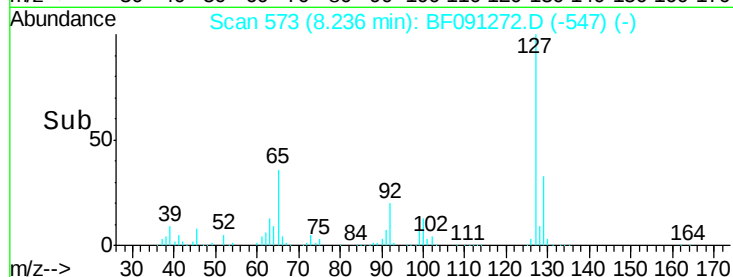
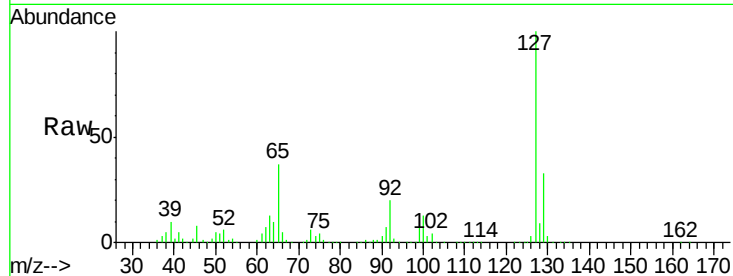




#33
4-Chloroaniline
Concen: 63.88 ng
RT: 8.24 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

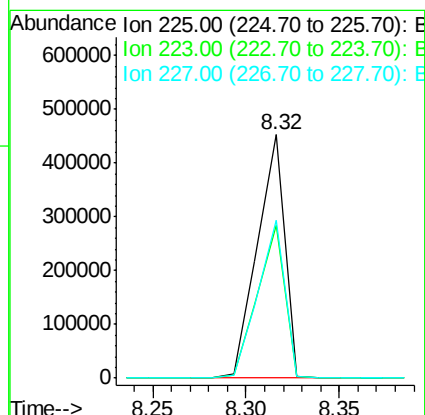
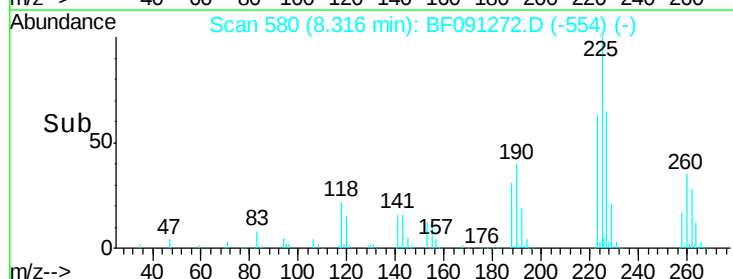
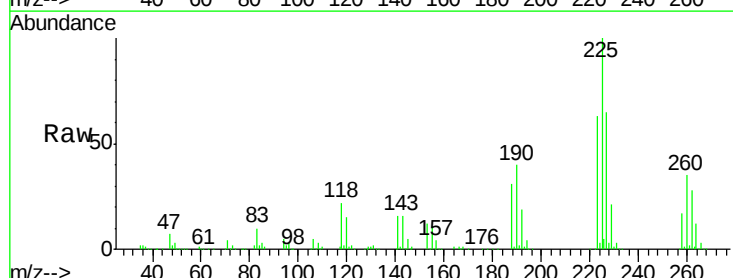
Instrument :
BNA_F
ClientSampleId :

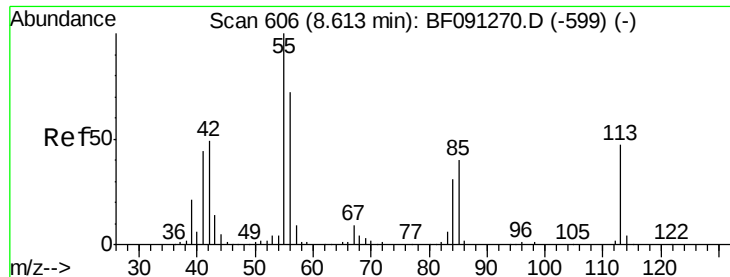
Tot Ion:127 Resp: 1043460
Ion Ratio Lower Upper
127 100
129 32.9 26.2 39.4
65 36.8 26.6 39.8
92 20.4 15.4 23.0



#34
Hexachlorobutadiene
Concen: 60.44 ng
RT: 8.32 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

Tgt Ion:225 Resp: 467580
Ion Ratio Lower Upper
225 100
223 62.5 49.8 74.6
227 64.7 52.6 79.0

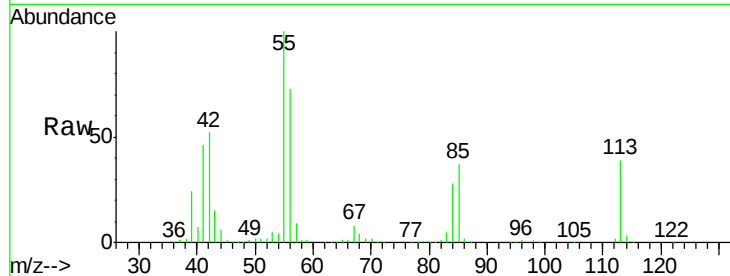




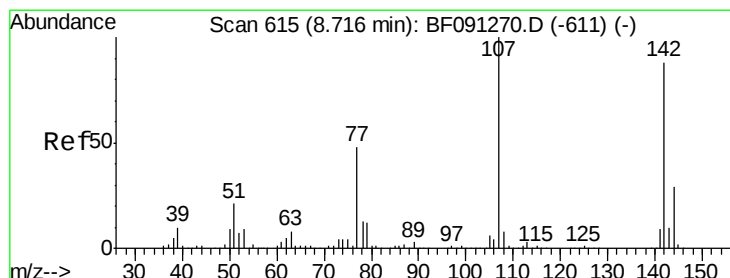
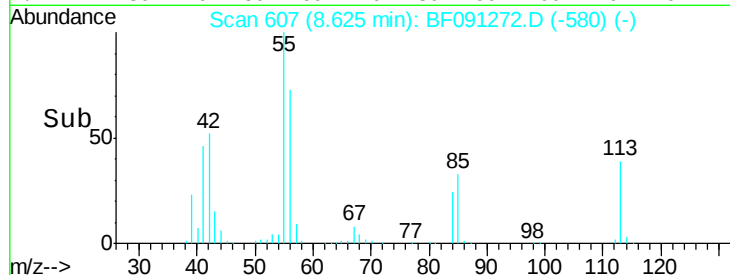
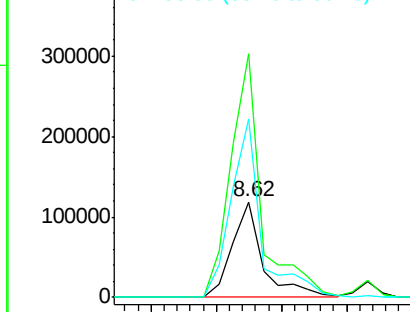
#35
Caprolactam
Concen: 59.34 ng
RT: 8.62 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 195188
Ion Ratio Lower Upper
113 100
55 254.8 239.8 279.8
56 186.5 165.6 205.6

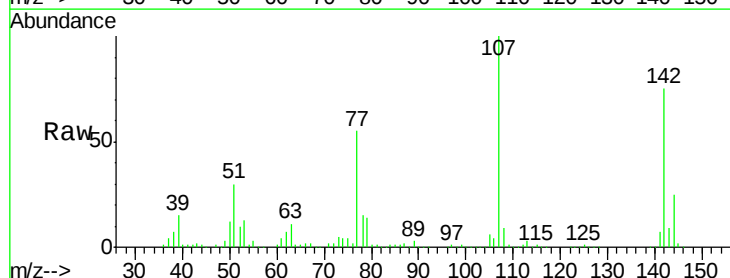


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

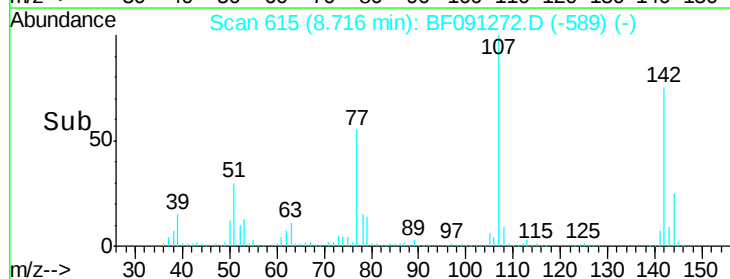
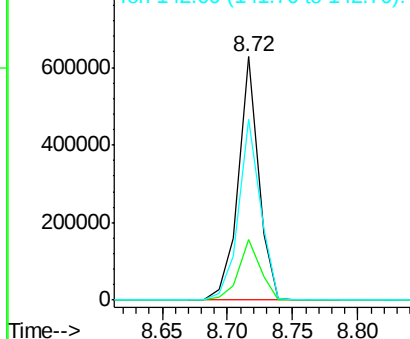


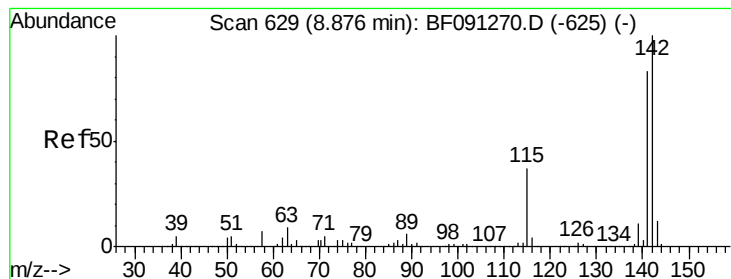
#36
4-Chloro-3-methylphenol
Concen: 53.14 ng
RT: 8.72 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

Tgt Ion:107 Resp: 680221
Ion Ratio Lower Upper
107 100
144 24.7 18.9 28.3
142 74.5 58.5 87.7



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





#37

2-Methylnaphthalene

Concen: 57.93 ng

RT: 8.88 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

Instrument :

BNA_F

ClientSampleId :

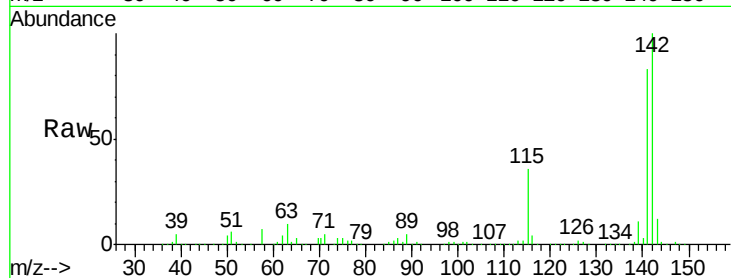
Tot Ion:142 Resp: 1567698

Ion Ratio Lower Upper

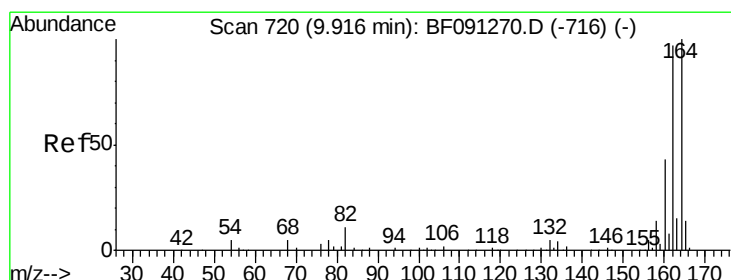
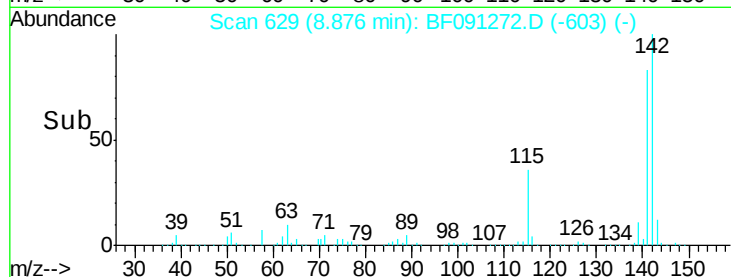
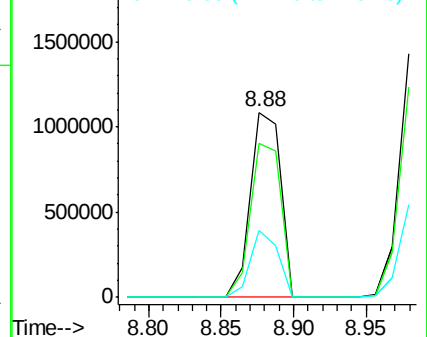
142 100

141 82.9 71.7 107.5

115 36.1 25.0 37.6



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

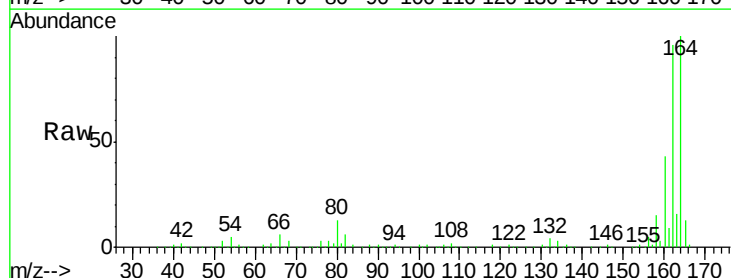
Tgt Ion:164 Resp: 484840

Ion Ratio Lower Upper

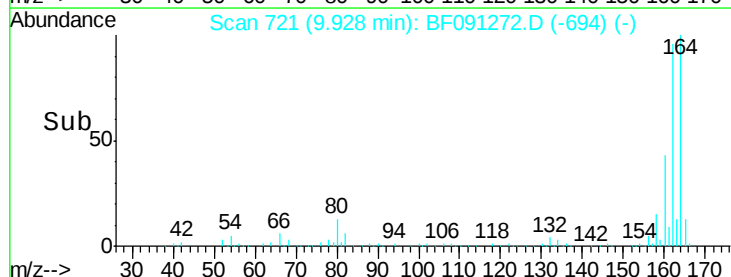
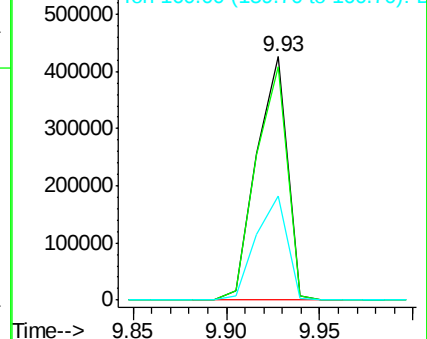
164 100

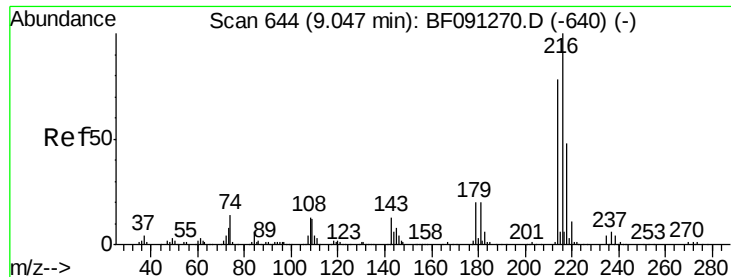
162 95.7 82.6 124.0

160 42.6 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

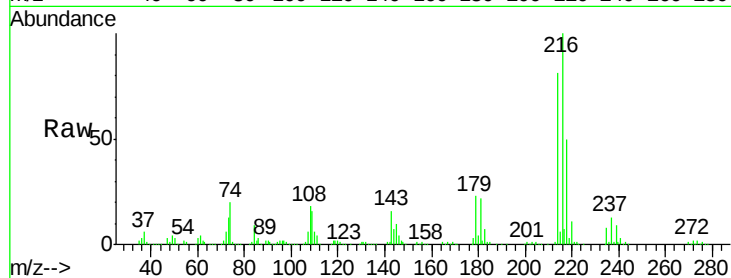




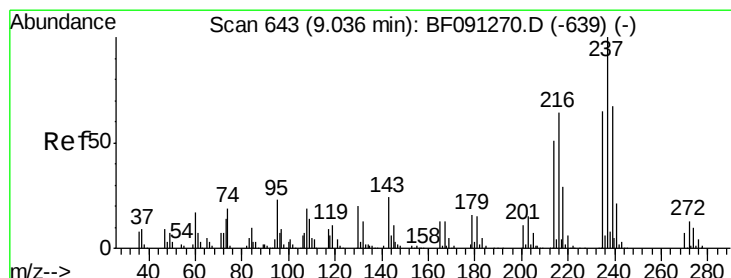
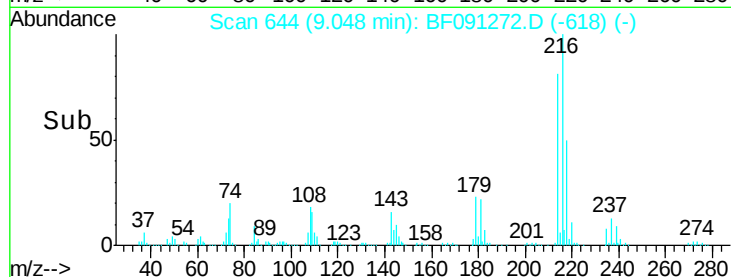
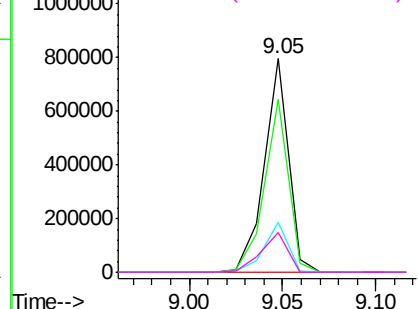
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.88 ng
 RT: 9.05 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF091272.D
 Acq: 23 Nov 2016 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	709301
Ion	Ratio	Lower	Upper
216	100		
214	80.7	63.8	95.8
179	23.0	18.2	27.2
108	20.4	17.2	25.8

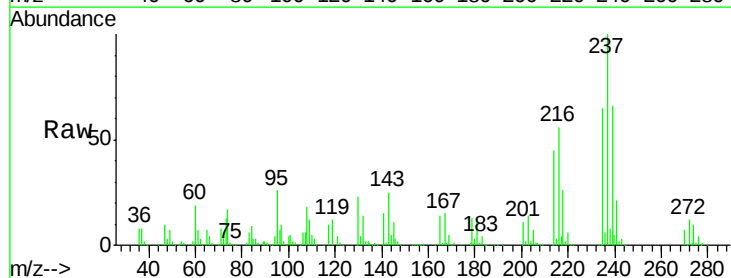


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

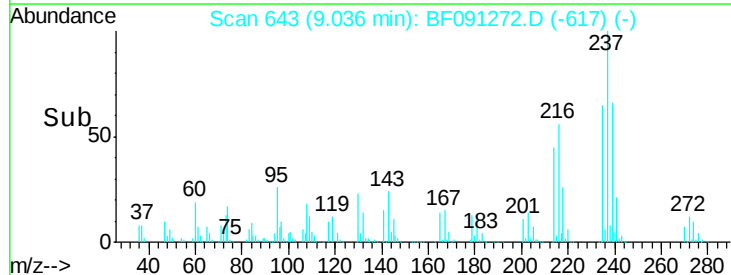
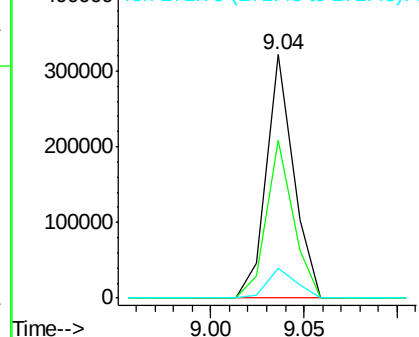


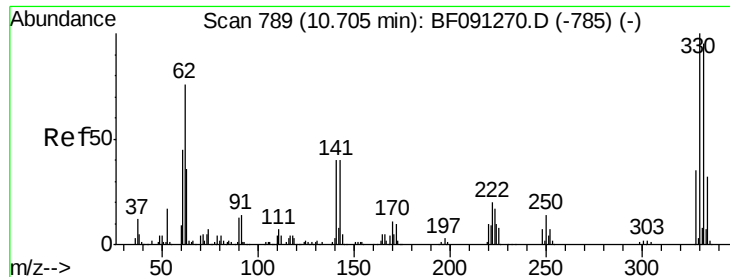
#40
 Hexachlorocyclopentadiene
 Concen: 75.92 ng
 RT: 9.04 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF091272.D
 Acq: 23 Nov 2016 11:46

Tgt Ion:	237	Resp:	324039
Ion	Ratio	Lower	Upper
237	100		
235	64.8	43.9	83.9
272	12.0	0.0	33.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

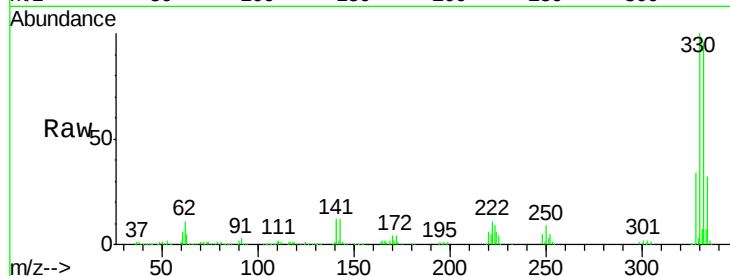




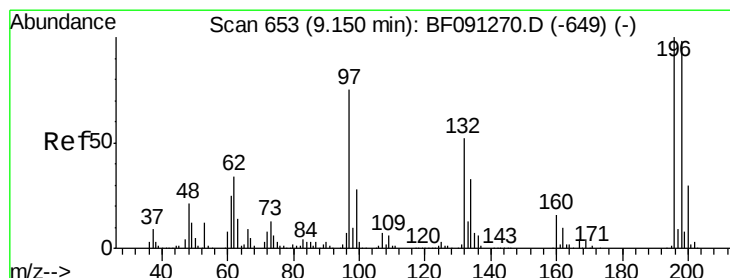
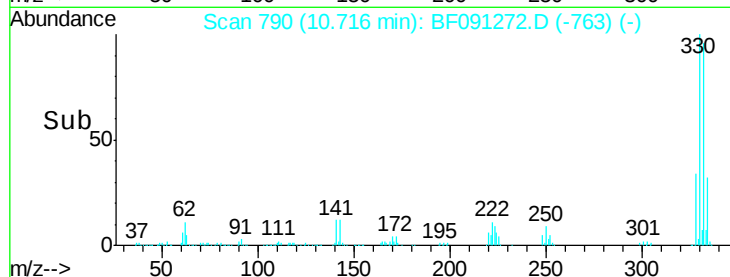
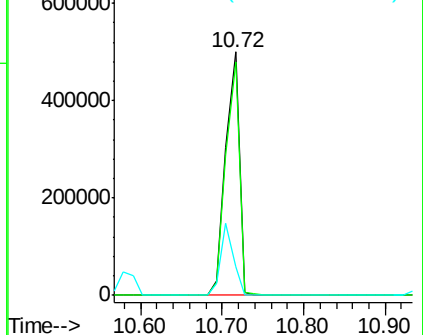
#41
 2,4,6-Tribromophenol
 Concen: 128.33 ng
 RT: 10.72 min Scan# 790
 Delta R.T. 0.01 min
 Lab File: BF091272.D
 Acq: 23 Nov 2016 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 580878
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.2 114.4
 141 27.5 33.6 50.4#

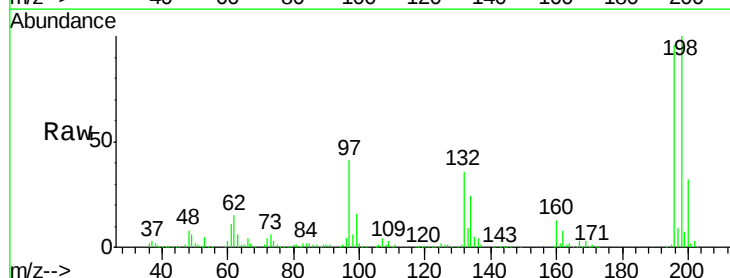


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

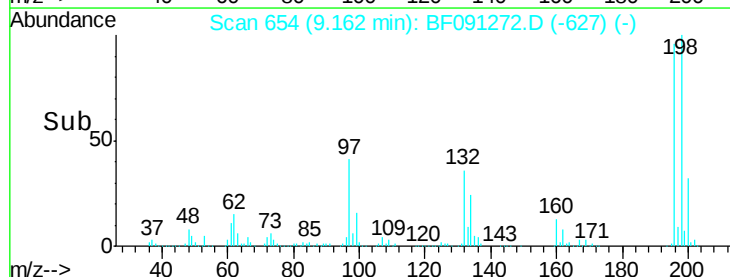
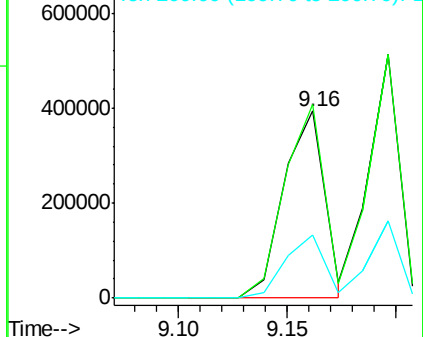


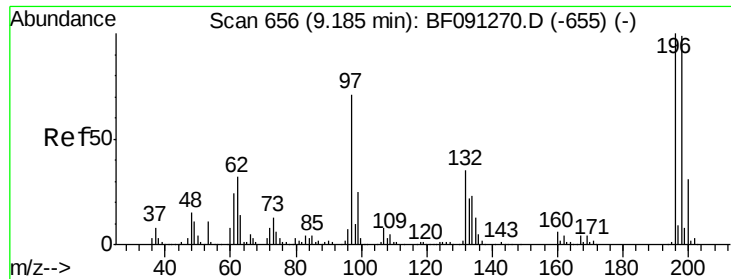
#42
 2,4,6-Trichlorophenol
 Concen: 61.73 ng
 RT: 9.16 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: BF091272.D
 Acq: 23 Nov 2016 11:46

Tgt Ion:196 Resp: 513618
 Ion Ratio Lower Upper
 196 100
 198 103.8 77.4 116.0
 200 33.7 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

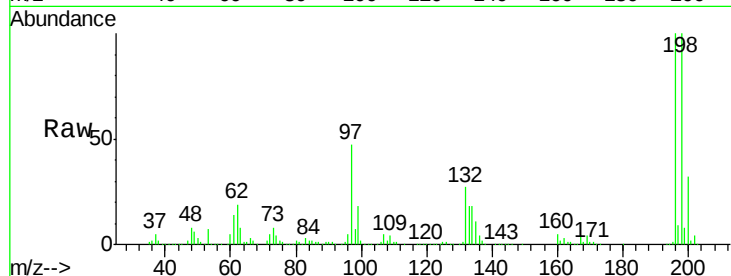




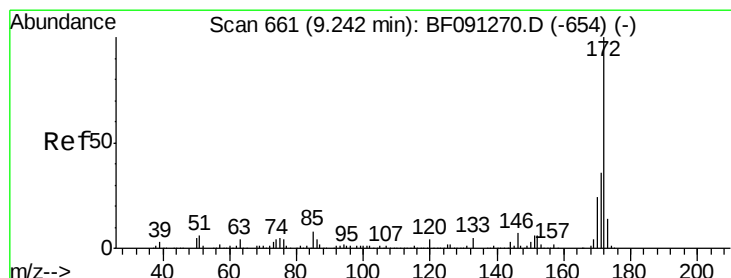
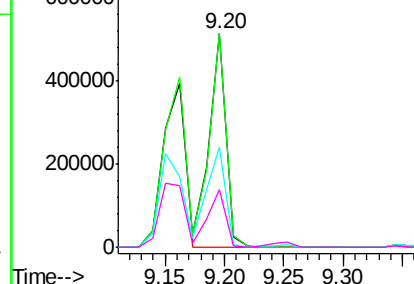
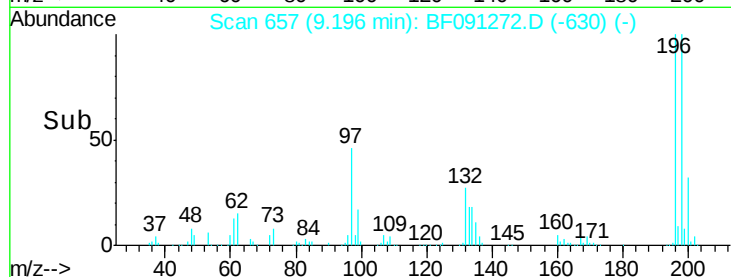
#43
 2,4,5-Trichlorophenol
 Concen: 57.66 ng
 RT: 9.20 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: BF091272.D
 Acq: 23 Nov 2016 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.1	77.0	115.6
97	46.7	33.5	50.3
132	27.2	20.5	30.7

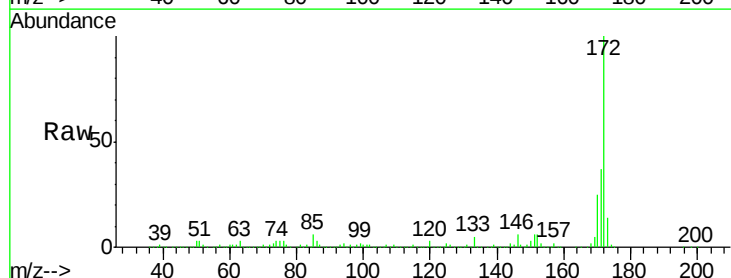


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

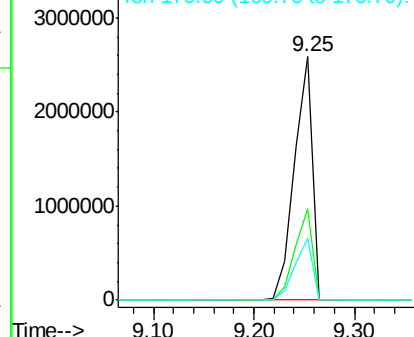
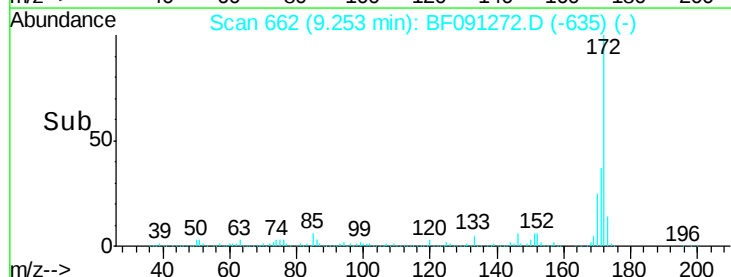


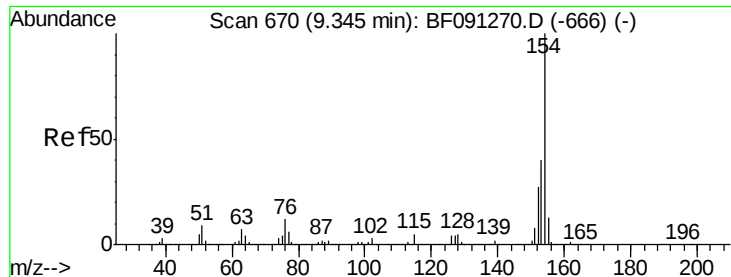
#44
 2-Fluorobiphenyl
 Concen: 115.09 ng
 RT: 9.25 min Scan# 662
 Delta R.T. 0.01 min
 Lab File: BF091272.D
 Acq: 23 Nov 2016 11:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.4	44.0
170	25.4	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: 47.71 ng

RT: 9.34 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

Instrument :

BNA_F

ClientSampleId :

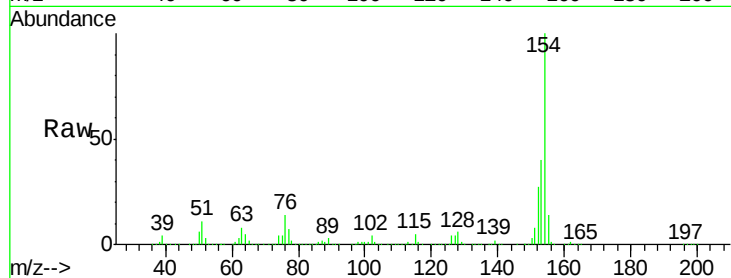
Tot Ion:154 Resp: 1764338

Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

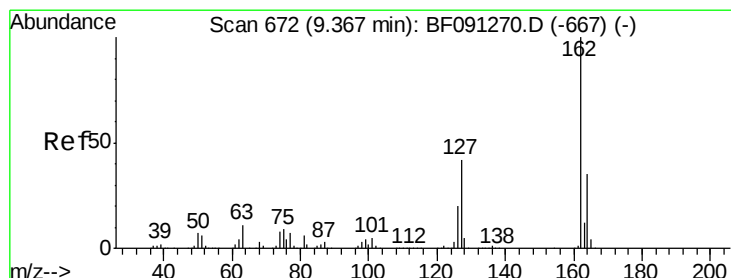
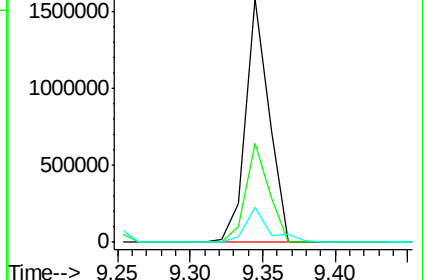
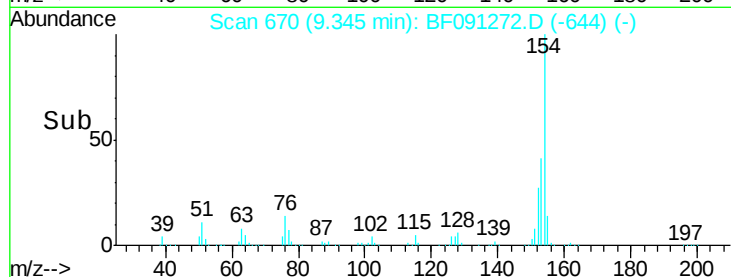
76 14.4 0.0 36.6



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: 49.14 ng

RT: 9.37 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

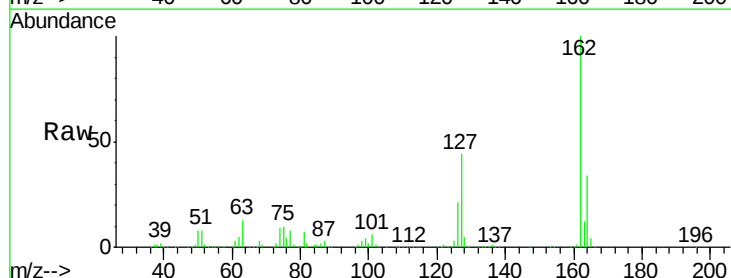
Tgt Ion:162 Resp: 1351874

Ion Ratio Lower Upper

162 100

127 43.8 34.3 51.5

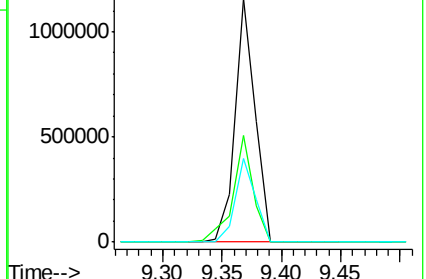
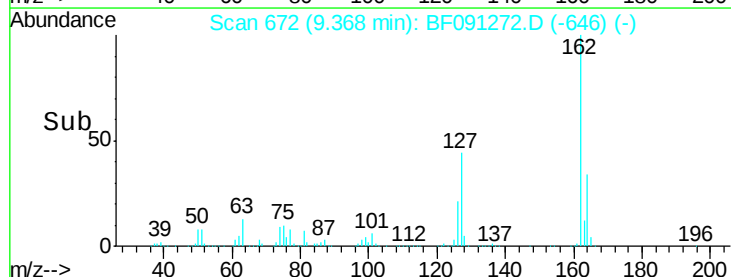
164 34.5 26.6 40.0

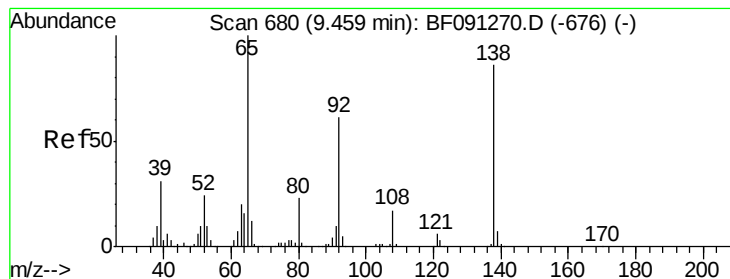


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.65 ng

RT: 9.46 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

Instrument :

BNA_F

ClientSampled :

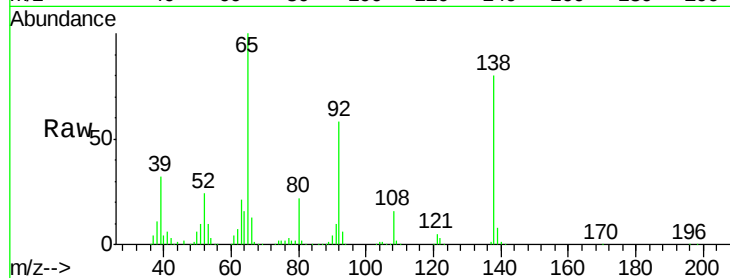
Tot Ion: 65 Resp: 496670

Ion Ratio Lower Upper

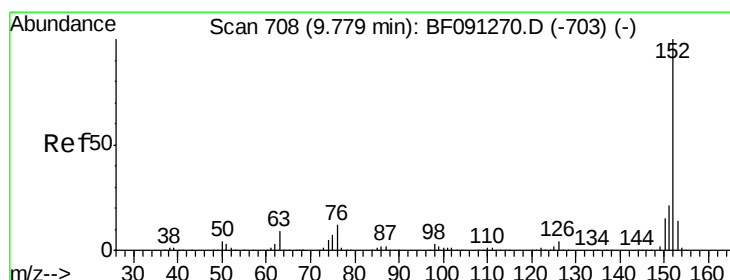
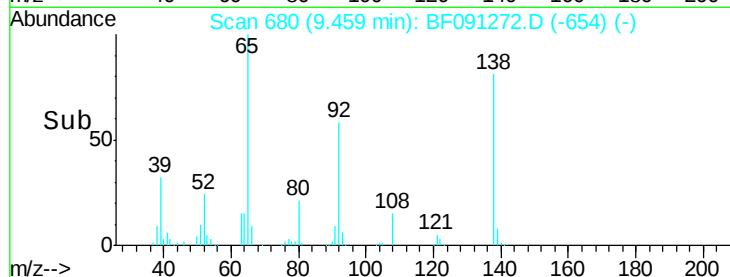
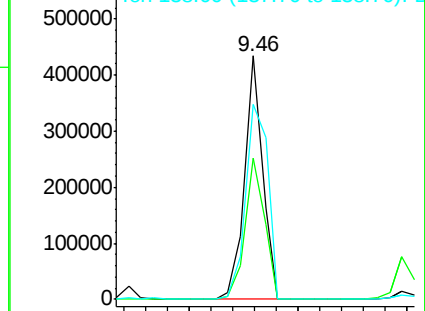
65 100

92 57.8 53.6 80.4

138 80.2 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: 57.11 ng

RT: 9.79 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

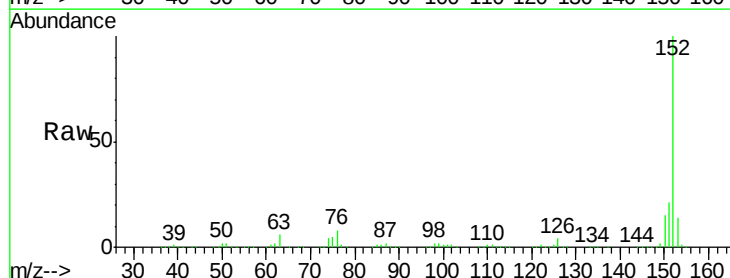
Tgt Ion: 152 Resp: 2364287

Ion Ratio Lower Upper

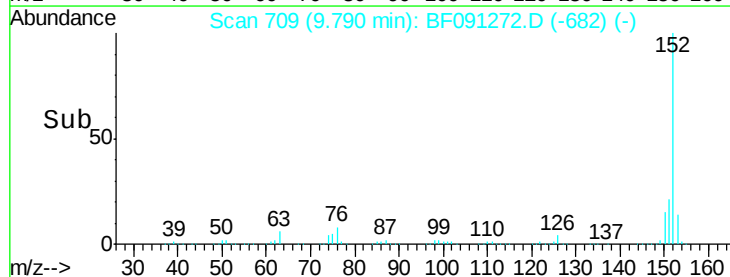
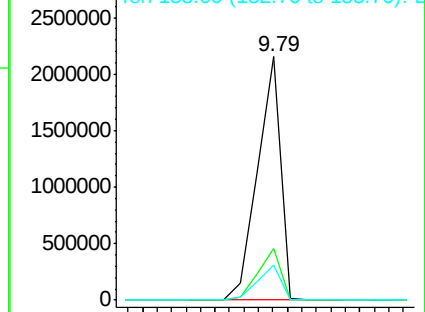
152 100

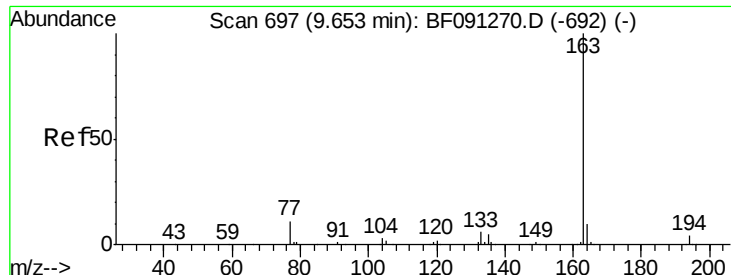
151 21.1 16.6 24.8

153 14.2 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

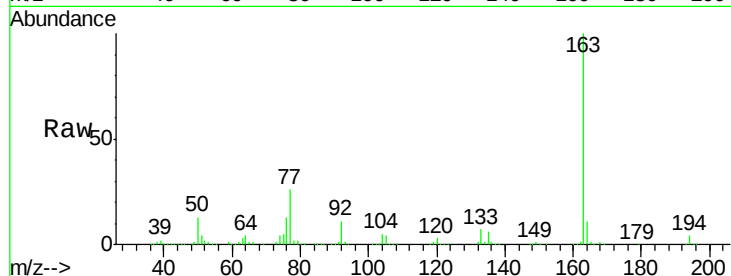




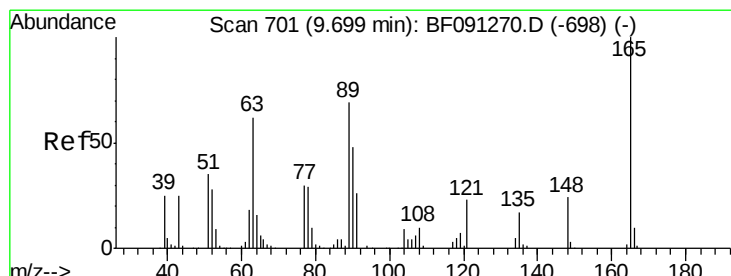
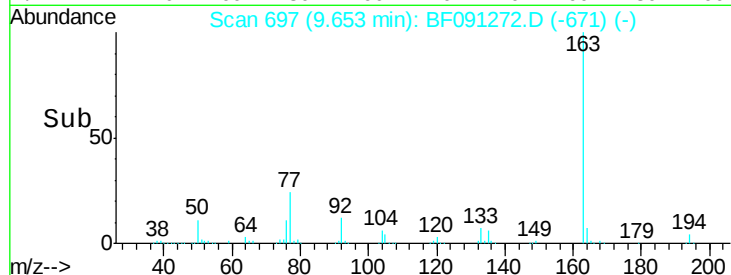
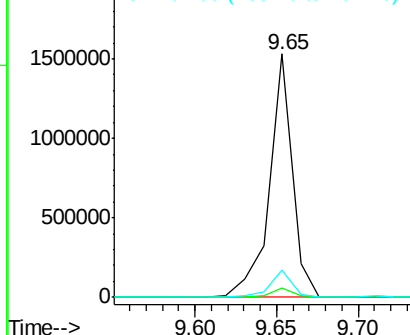
#49
Dimethylphthalate
Concen: 46.78 ng
RT: 9.65 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1513171
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 11.4 7.8 11.8

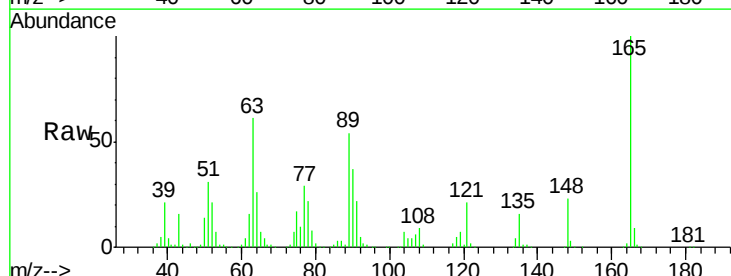


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

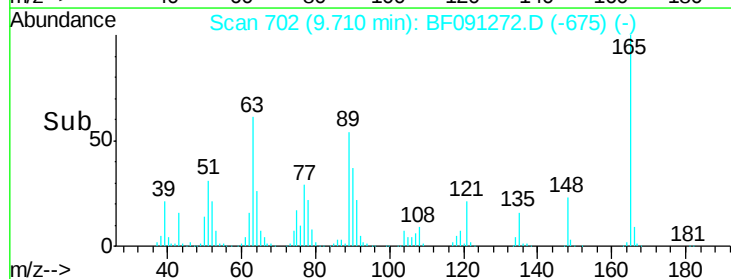
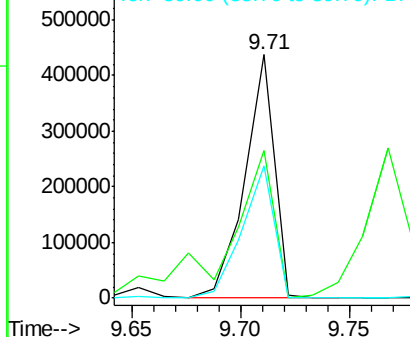


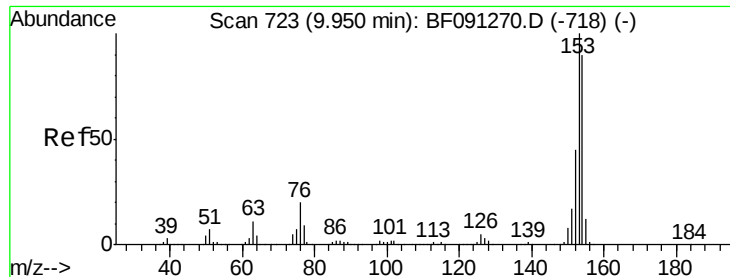
#50
2,6-Dinitrotoluene
Concen: 59.52 ng
RT: 9.71 min Scan# 702
Delta R.T. 0.01 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

Tgt Ion:165 Resp: 412705
Ion Ratio Lower Upper
165 100
63 60.7 59.4 89.0
89 54.1 50.8 76.2



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





#51

Acenaphthene

Concen: 62.82 ng

RT: 9.96 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

Instrument :

BNA_F

ClientSampleId :

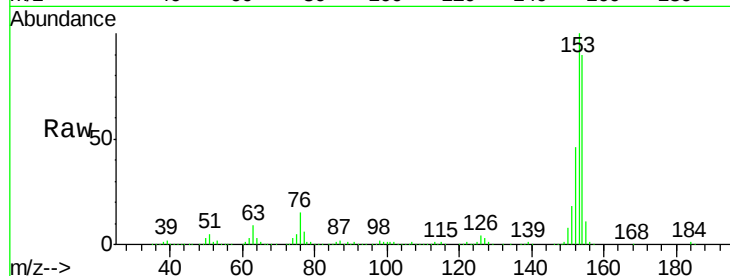
Tot Ion:154 Resp: 1612587

Ion Ratio Lower Upper

154 100

153 111.7 91.0 136.6

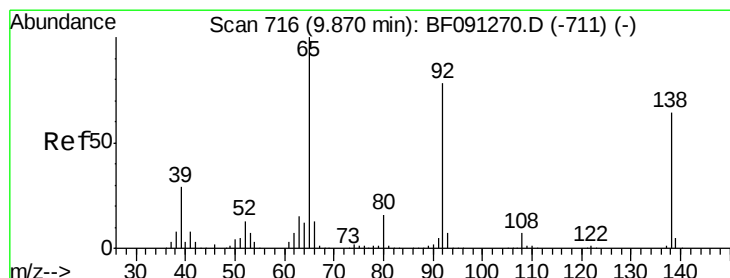
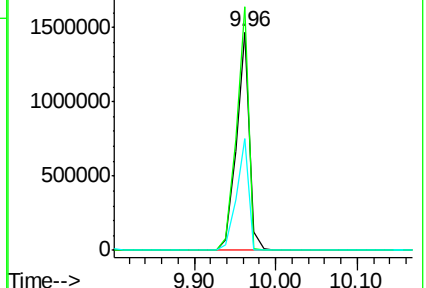
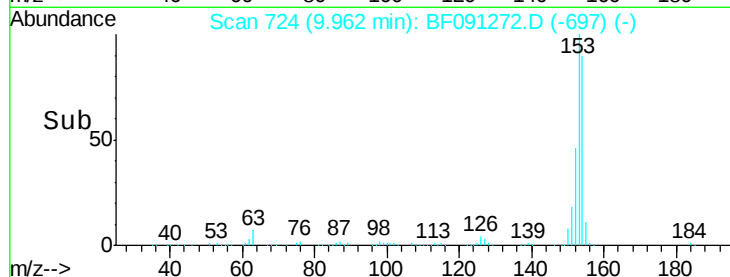
152 51.4 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 63.73 ng

RT: 9.88 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

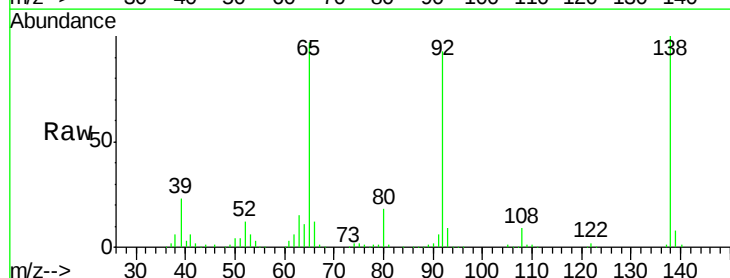
Tgt Ion:138 Resp: 471170

Ion Ratio Lower Upper

138 100

108 9.5 8.1 12.1

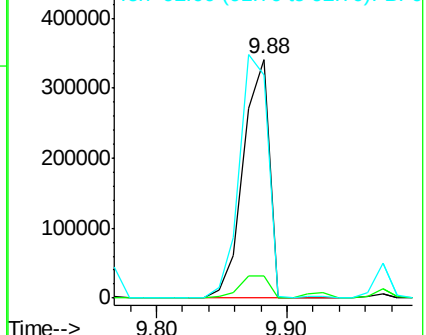
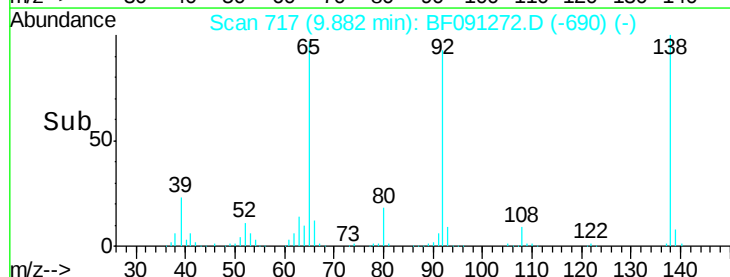
92 93.4 92.5 138.7

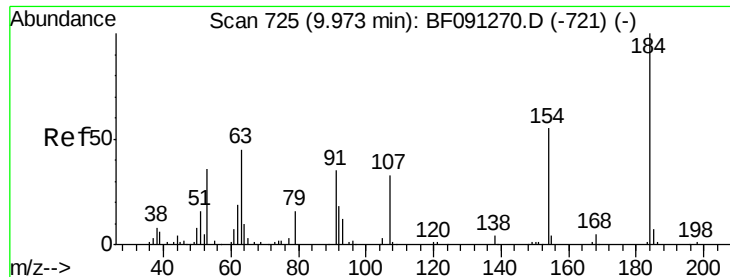


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

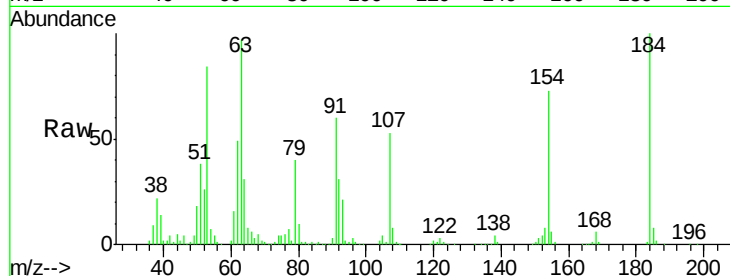




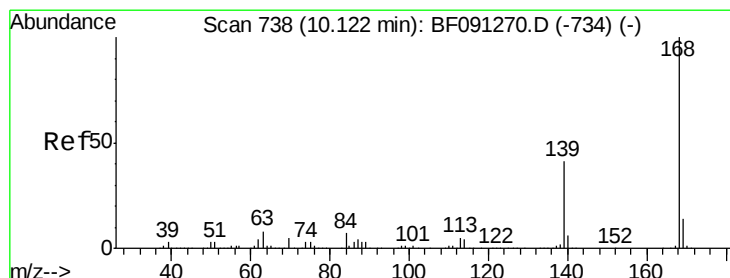
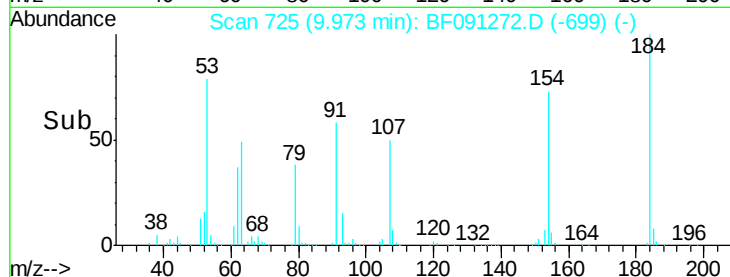
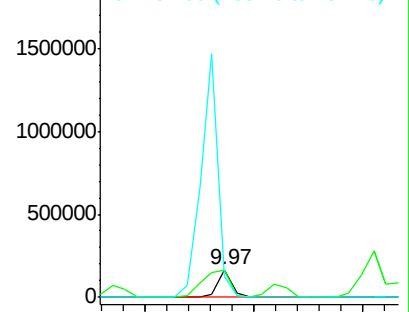
#53
 2,4-Dinitrophenol
 Concen: 37.88 ng
 RT: 9.97 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF091272.D
 Acq: 23 Nov 2016 11:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 146548
 Ion Ratio Lower Upper
 184 100
 63 97.5 58.3 87.5#
 154 73.5 48.6 73.0#

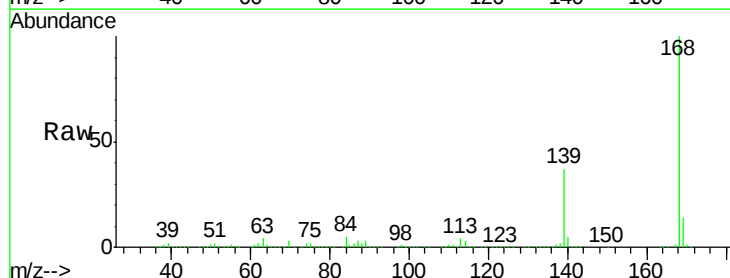


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

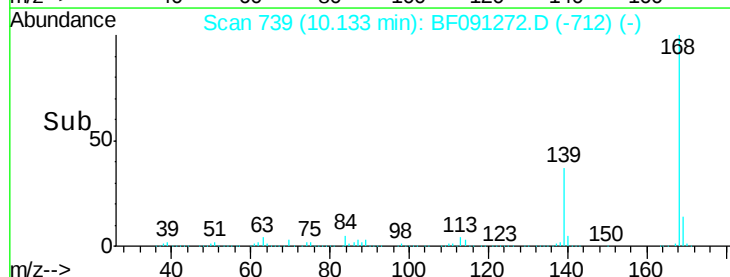
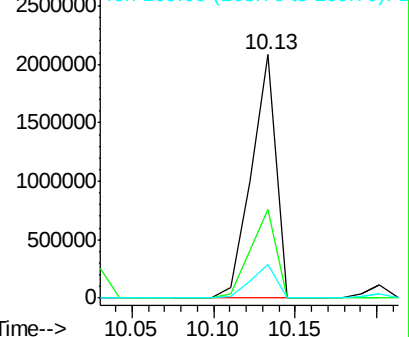


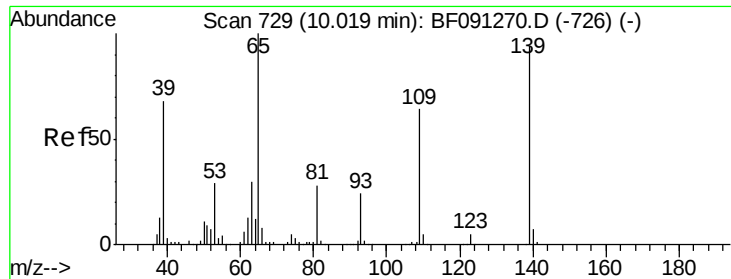
#54
 Dibenzofuran
 Concen: 61.01 ng
 RT: 10.13 min Scan# 739
 Delta R.T. 0.01 min
 Lab File: BF091272.D
 Acq: 23 Nov 2016 11:46

Tgt Ion:168 Resp: 2181141
 Ion Ratio Lower Upper
 168 100
 139 36.6 33.4 50.2
 169 13.7 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

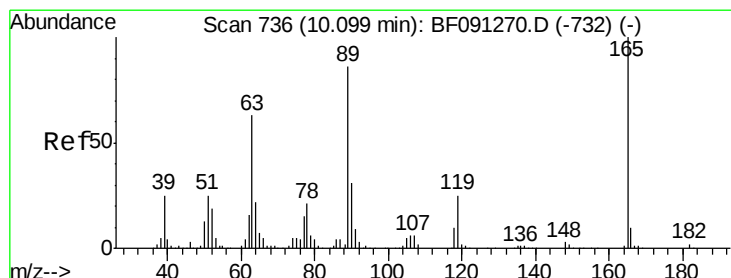
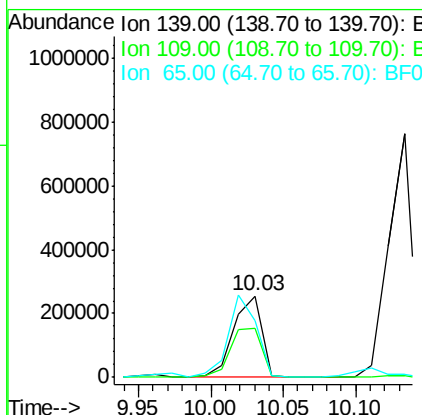
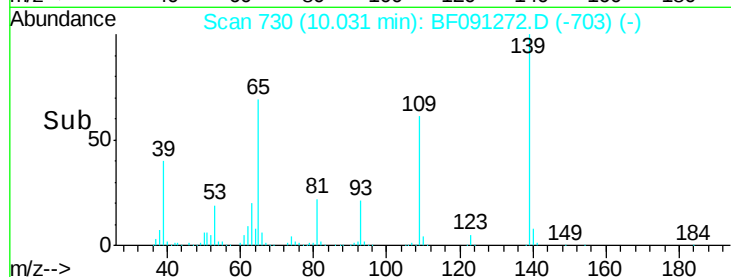
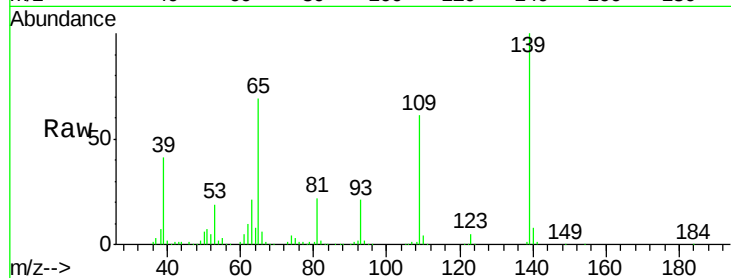




#55
4-Nitrophenol
Concen: 94.28 ng
RT: 10.03 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

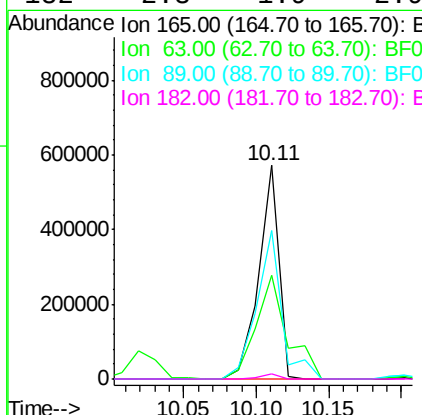
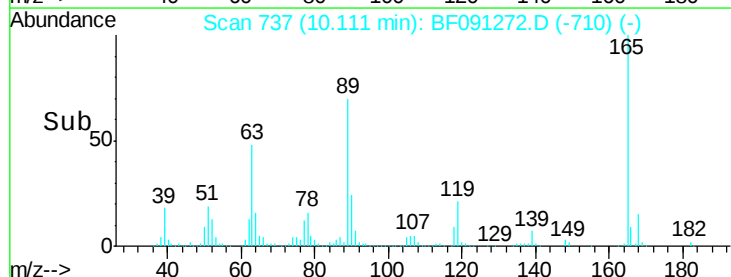
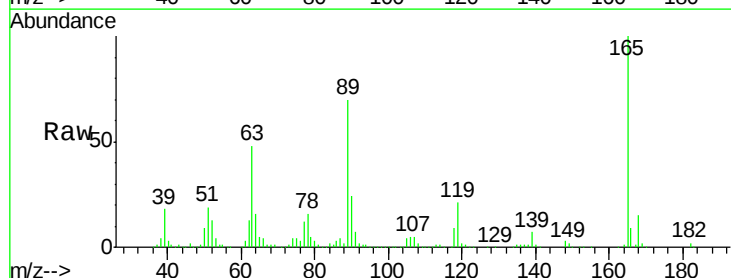
Instrument :
BNA_F
ClientSampleId :

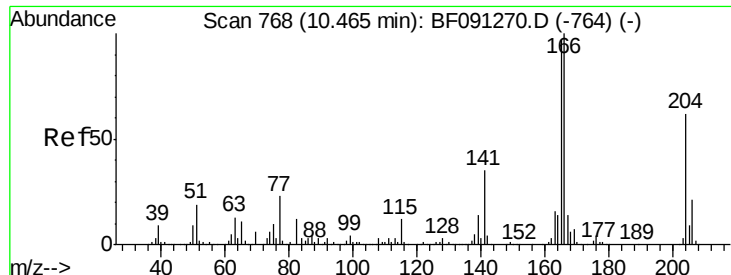
Tot Ion:139 Resp: 346750
Ion Ratio Lower Upper
139 100
109 60.9 54.9 94.9
65 69.4 102.2 142.2#



#56
2,4-Dinitrotoluene
Concen: 62.82 ng
RT: 10.11 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

Tgt Ion:165 Resp: 548501
Ion Ratio Lower Upper
165 100
63 48.5 29.0 43.4#
89 69.6 43.1 64.7#
182 2.3 1.9 2.9



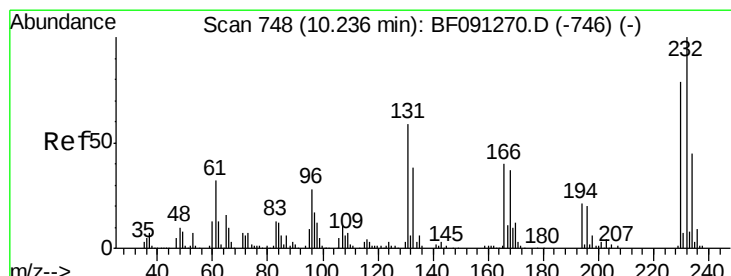
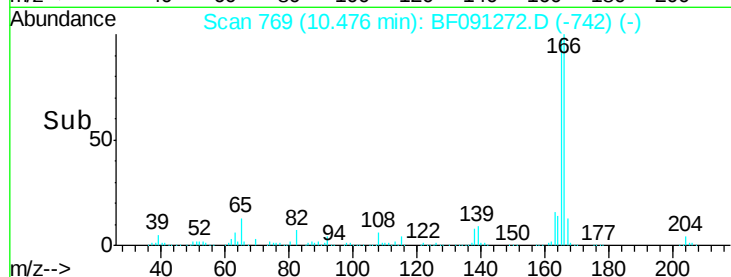
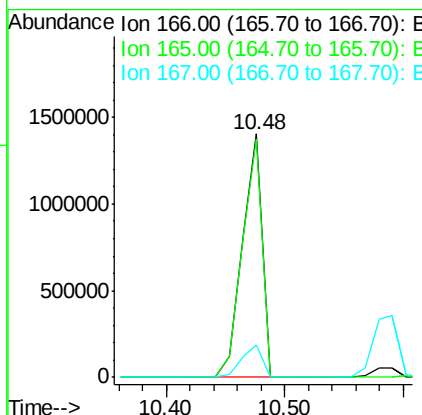
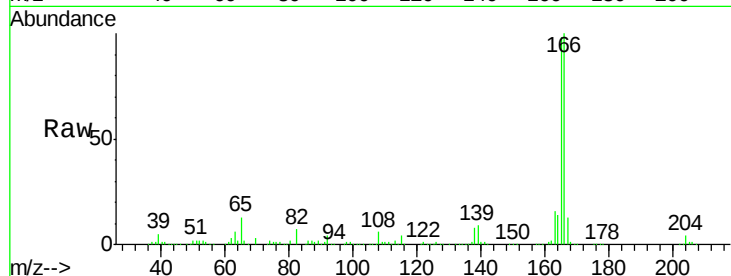


#57
Fluorene
 Concen: 56.11 ng
 RT: 10.48 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: BF091272.D
 Acq: 23 Nov 2016 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 1623777

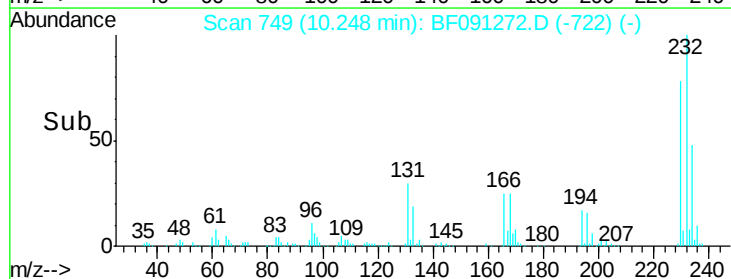
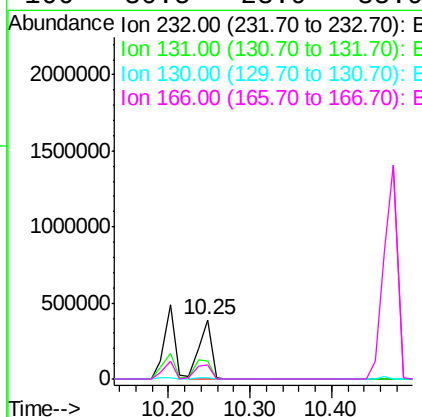
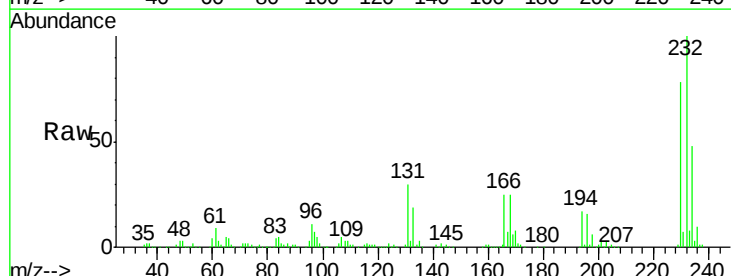
Ion	Ratio	Lower	Upper
166	100		
165	97.8	80.0	120.0
167	13.3	10.8	16.2

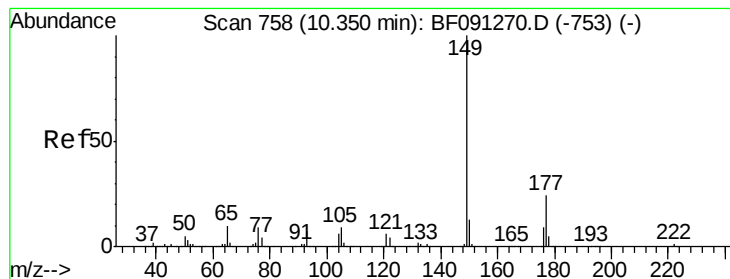


#58
2,3,4,6-Tetrachlorophenol
 Concen: 57.46 ng
 RT: 10.25 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF091272.D
 Acq: 23 Nov 2016 11:46

Tgt Ion:232 Resp: 421642

Ion	Ratio	Lower	Upper
232	100		
131	42.1	38.4	57.6
130	2.0	1.8	2.8
166	30.5	23.9	35.9





#59

Diethylphthalate

Concen: 52.45 ng

RT: 10.35 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

Instrument :

BNA_F

ClientSampleId :

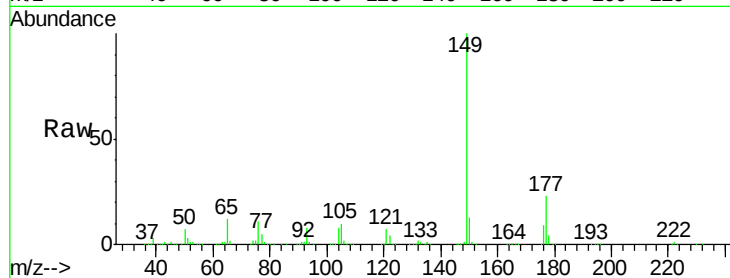
Tot Ion:149 Resp: 1644647

Ion Ratio Lower Upper

149 100

177 22.8 15.7 23.5

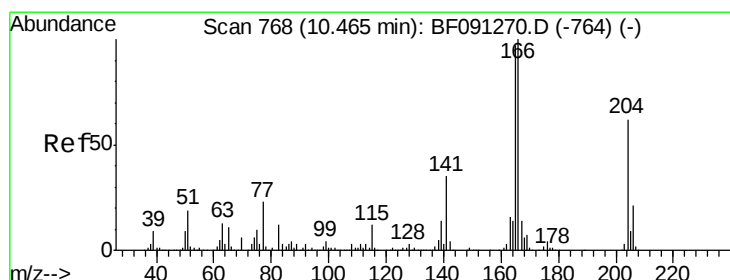
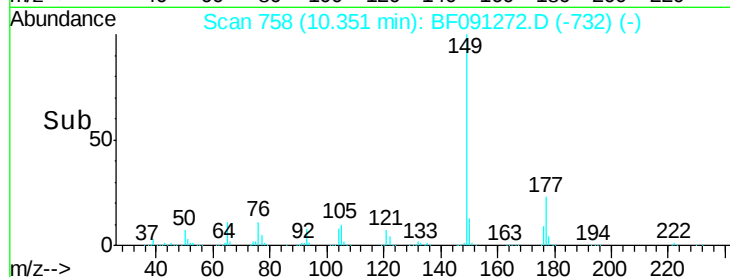
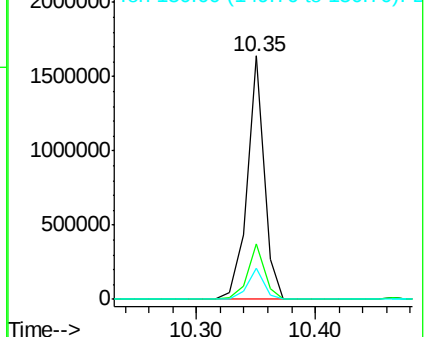
150 12.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 50.84 ng

RT: 10.46 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

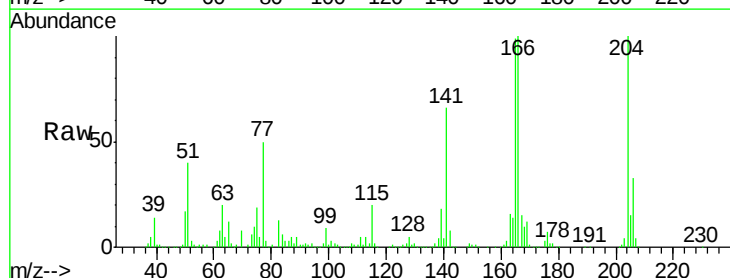
Tgt Ion:204 Resp: 690805

Ion Ratio Lower Upper

204 100

206 33.0 26.1 39.1

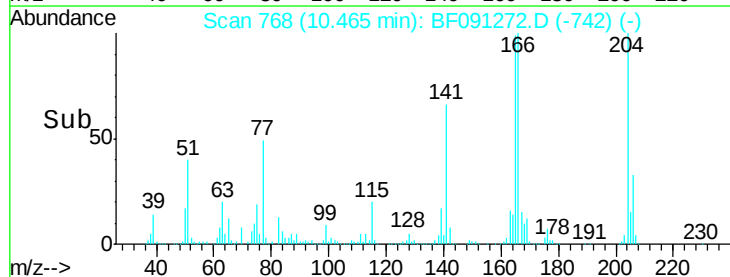
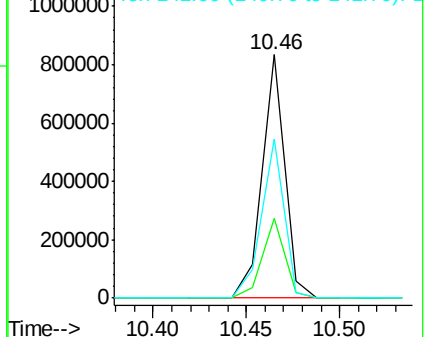
141 65.6 40.6 61.0#

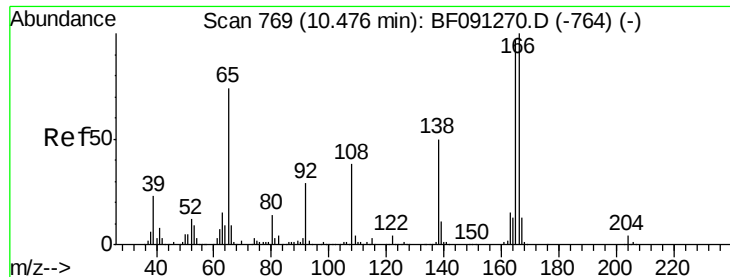


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

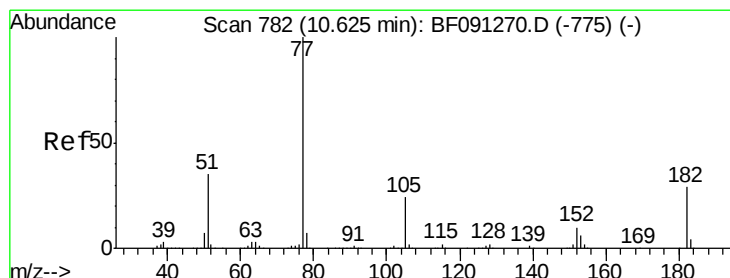
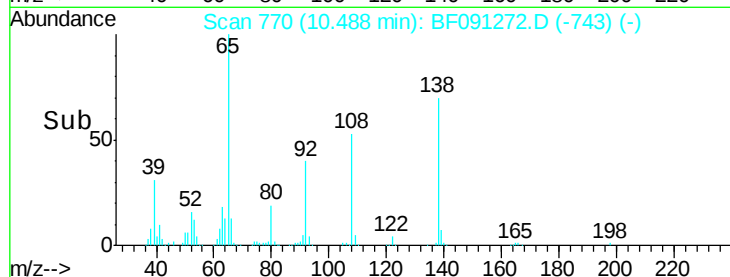
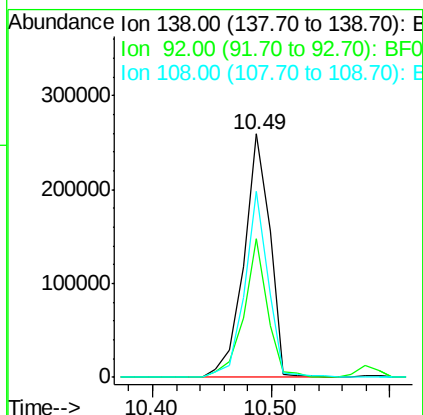
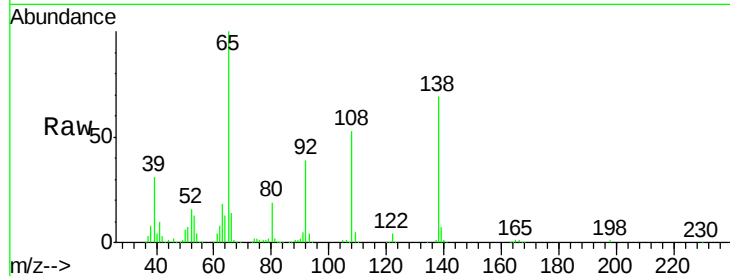




#61
4-Nitroaniline
Concen: 52.12 ng
RT: 10.49 min Scan# 770
Delta R.T. 0.01 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

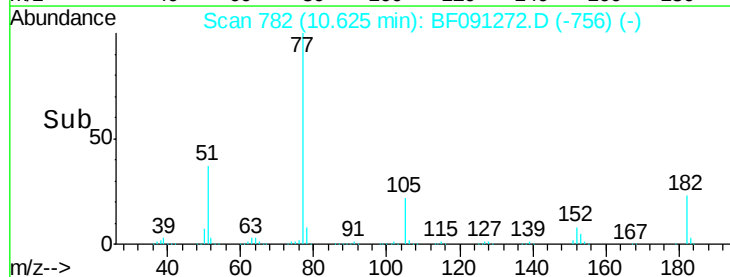
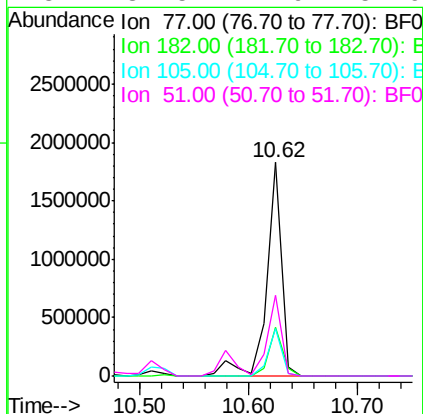
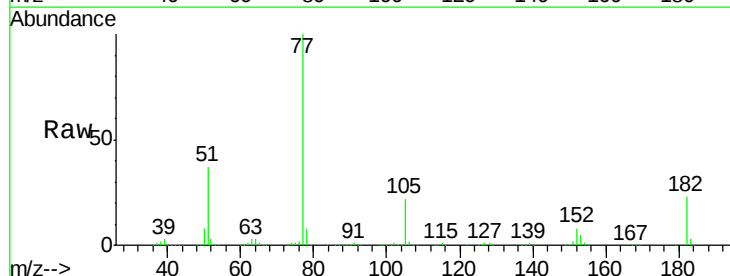
Instrument :
BNA_F
ClientSampleId :

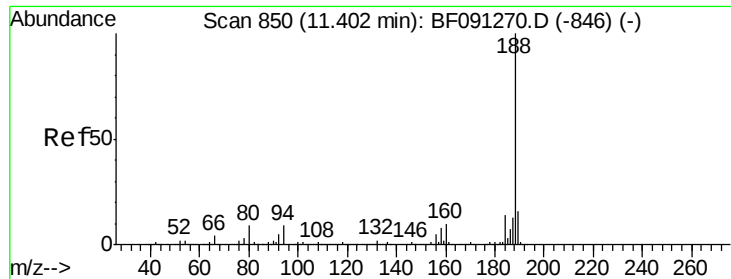
Tot Ion:138 Resp: 396971
Ion Ratio Lower Upper
138 100
92 56.8 26.9 66.9
108 76.5 49.1 89.1



#62
Azobenzene
Concen: 47.79 ng
RT: 10.62 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

Tgt Ion: 77 Resp: 1782141
Ion Ratio Lower Upper
77 100
182 22.5 12.5 52.5
105 22.1 3.7 43.7
51 37.5 11.9 51.9

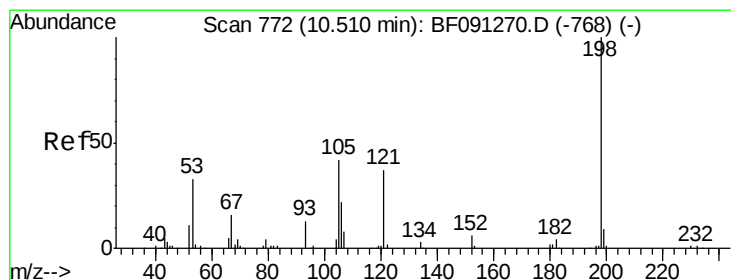
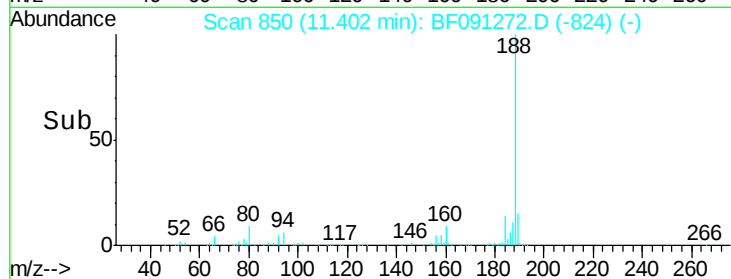
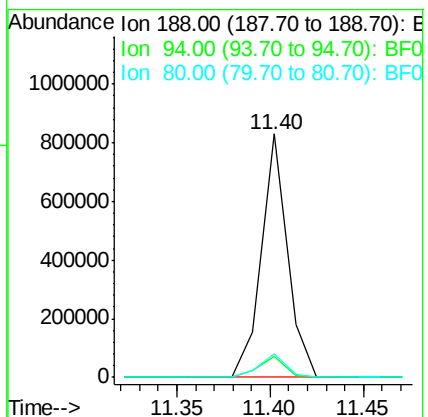
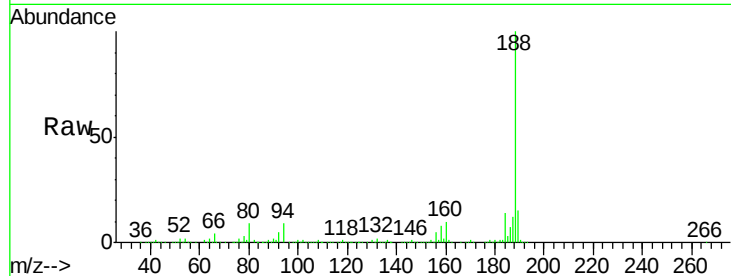




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

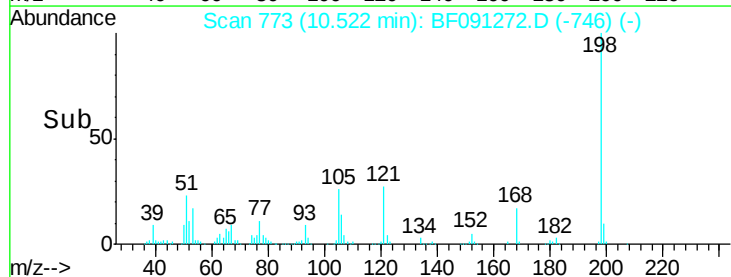
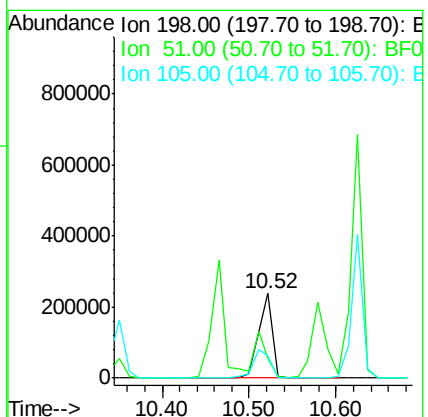
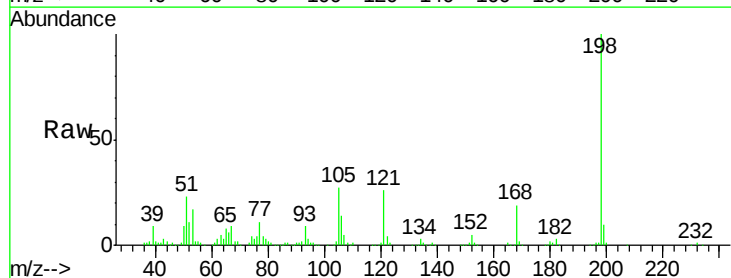
Instrument :
BNA_F
ClientSampleId :

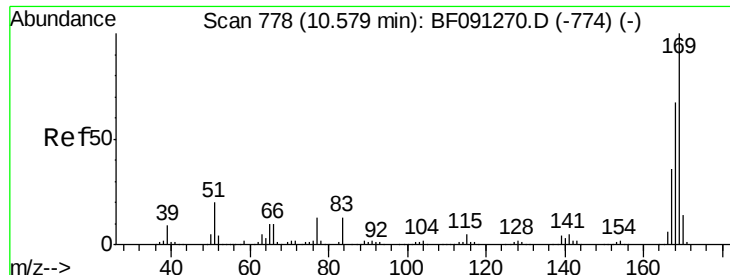
Tot Ion:188 Resp: 802877
Ion Ratio Lower Upper
188 100
94 8.6 9.2 13.8#
80 9.4 10.5 15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 52.23 ng
RT: 10.52 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

Tgt Ion:198 Resp: 267668
Ion Ratio Lower Upper
198 100
51 22.9 77.1 117.1#
105 26.6 44.8 84.8#





#65

n-Nitrosodiphenylamine

Concen: 58.71 ng

RT: 10.59 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

Instrument :

BNA_F

ClientSampleId :

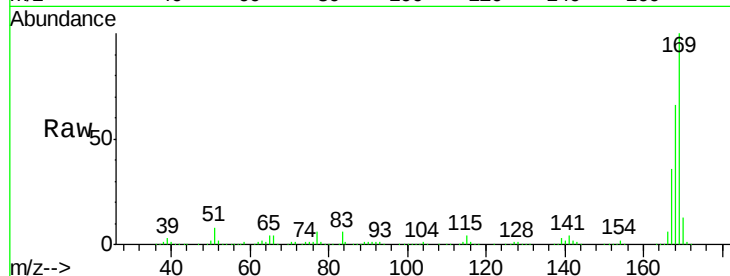
Tot Ion:169 Resp: 1420387

Ion Ratio Lower Upper

169 100

168 65.7 53.8 80.8

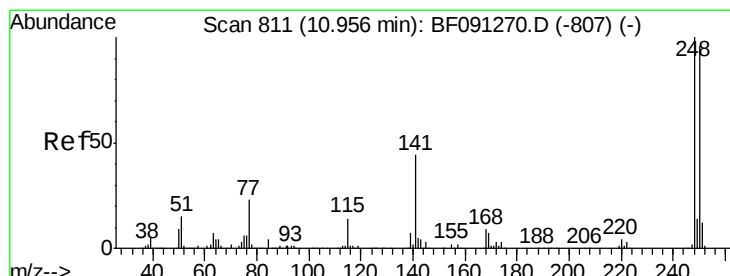
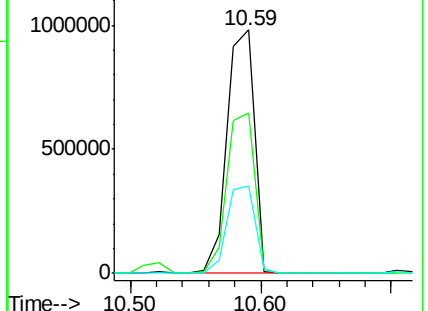
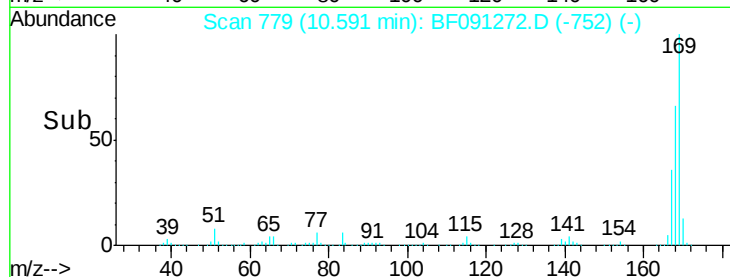
167 36.2 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 62.55 ng

RT: 10.96 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

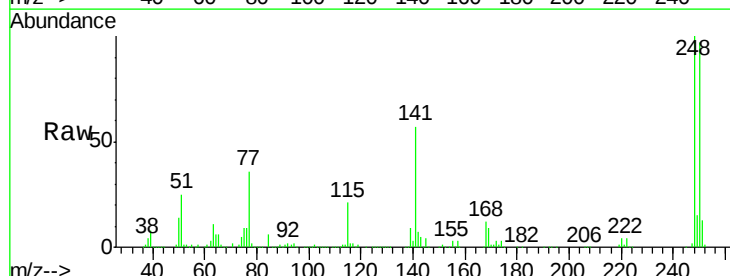
Tgt Ion:248 Resp: 524911

Ion Ratio Lower Upper

248 100

250 96.5 78.2 117.4

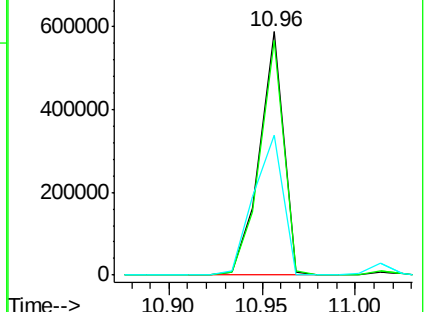
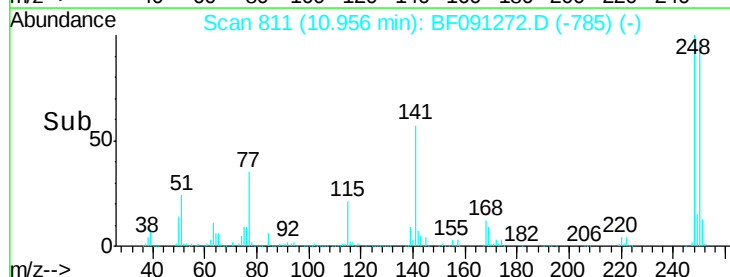
141 57.3 71.9 107.9#

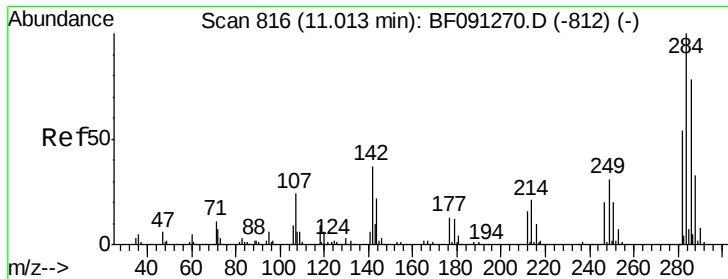


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

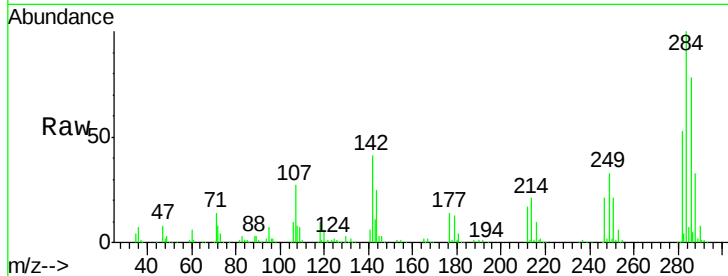




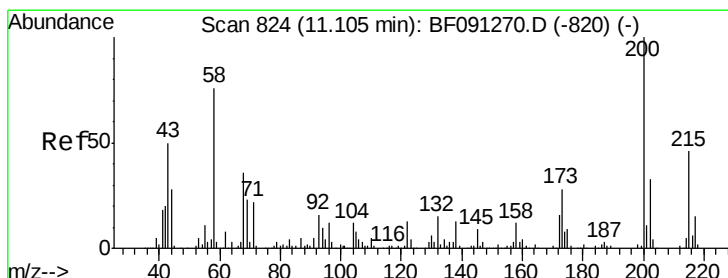
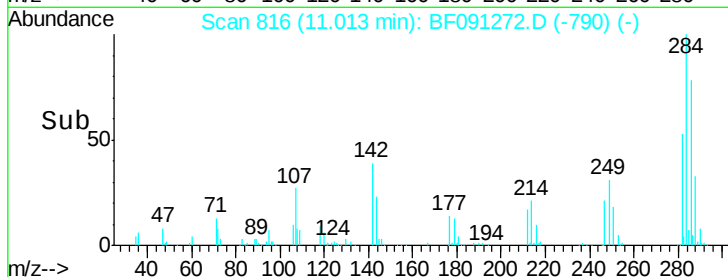
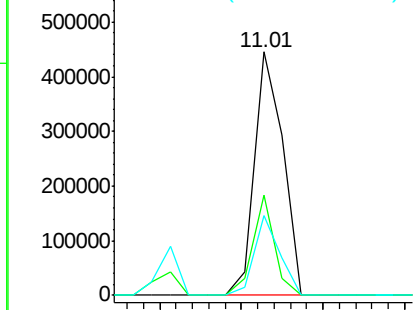
#67
Hexachlorobenzene
Concen: 58.67 ng
RT: 11.01 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 537214
Ion Ratio Lower Upper
284 100
142 41.4 17.9 26.9#
249 32.6 23.6 35.4

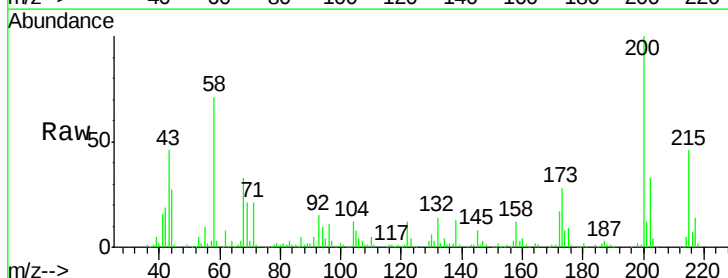


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

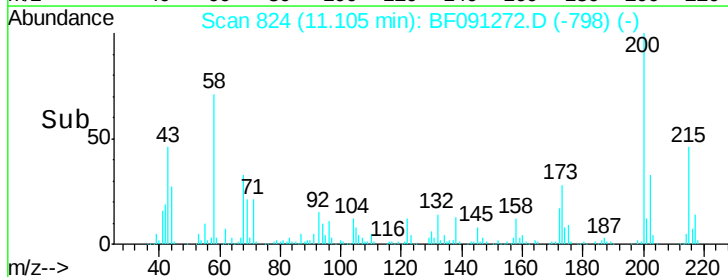
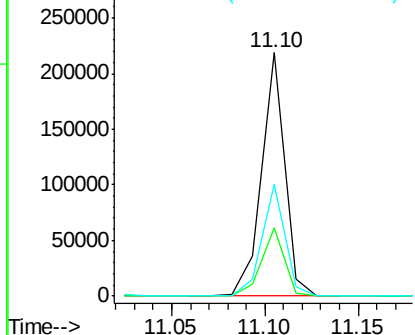


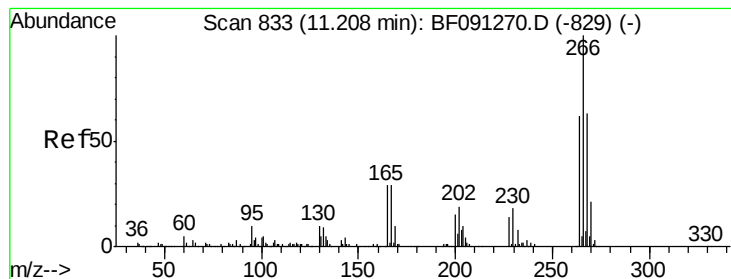
#68
Atrazine
Concen: 20.89 ng
RT: 11.10 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

Tgt Ion:200 Resp: 186022
Ion Ratio Lower Upper
200 100
173 28.2 7.8 47.8
215 45.7 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: 91.28 ng

RT: 11.21 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

Instrument :

BNA_F

ClientSampleId :

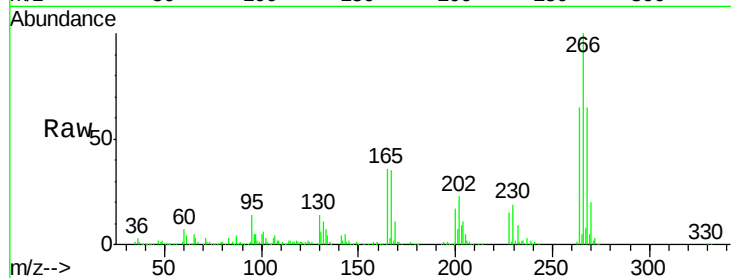
Tot Ion:266 Resp: 330957

Ion Ratio Lower Upper

266 100

268 64.9 50.3 75.5

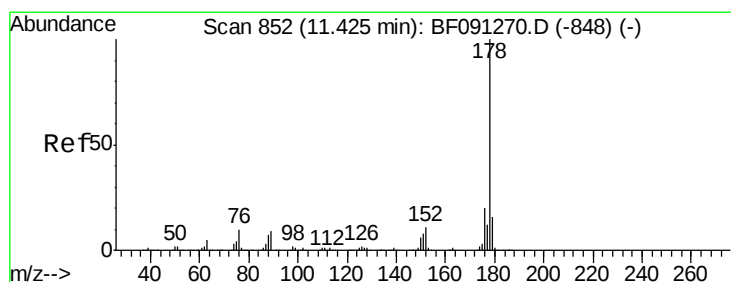
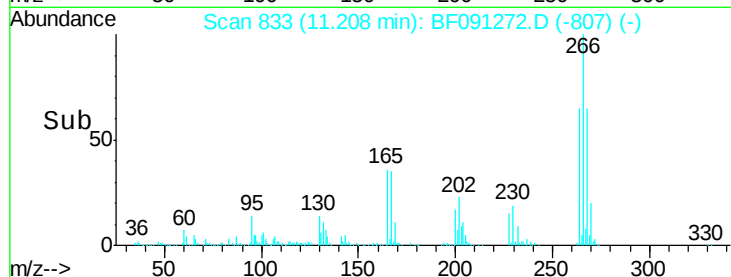
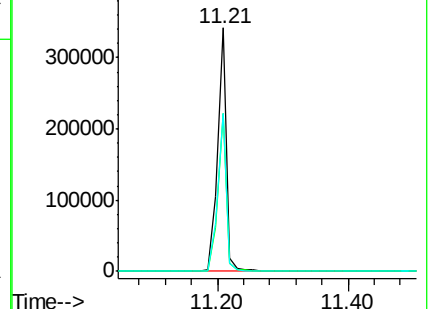
264 65.1 48.2 72.2



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: 54.67 ng

RT: 11.42 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

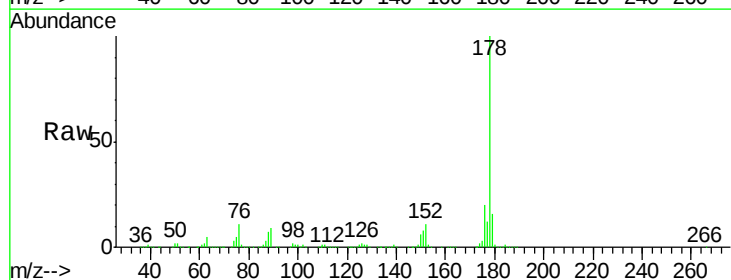
Tgt Ion:178 Resp: 2307238

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

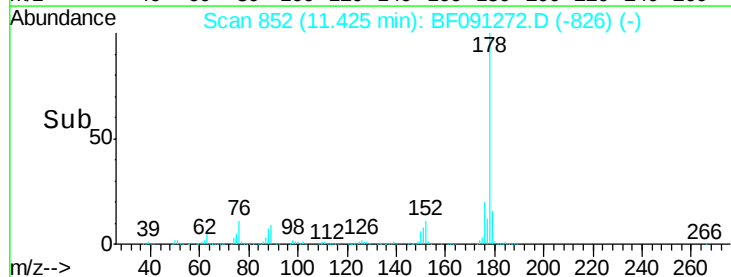
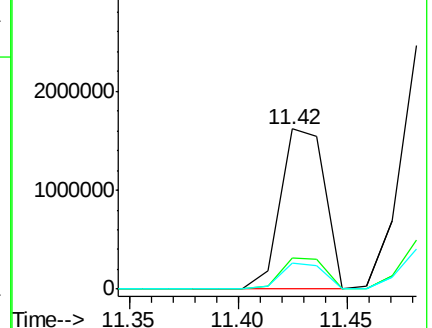
179 16.2 12.6 18.8

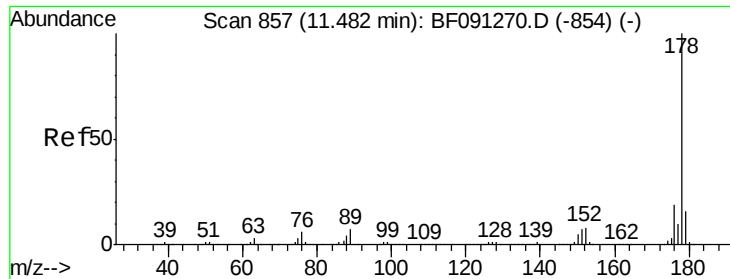


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

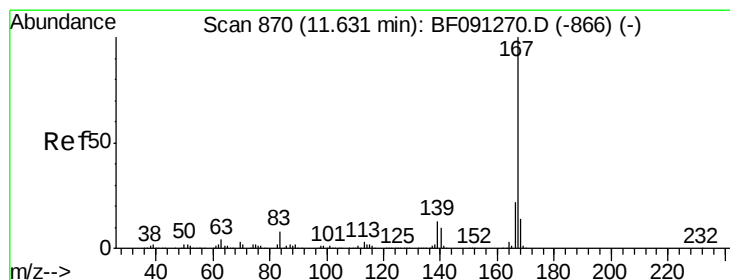
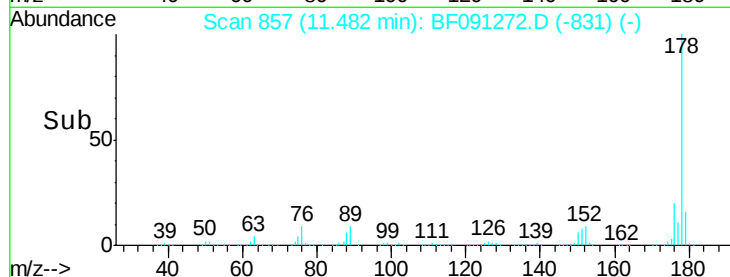
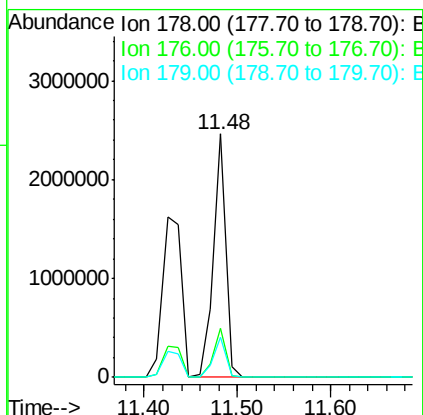
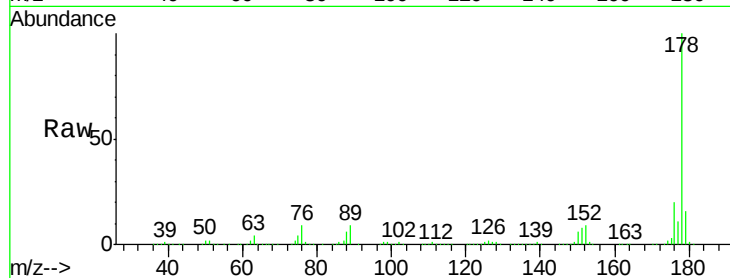




#71
 Anthracene
 Concen: 53.73 ng
 RT: 11.48 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF091272.D
 Acq: 23 Nov 2016 11:46

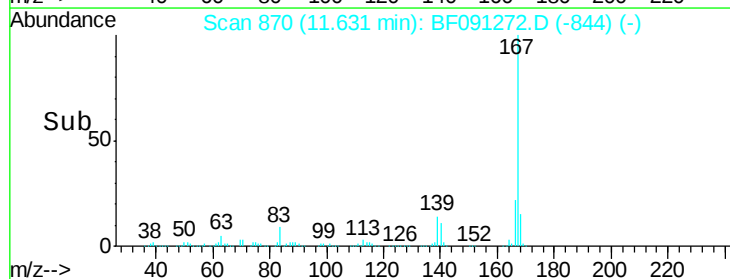
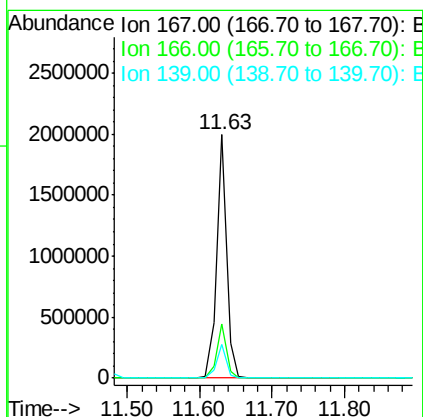
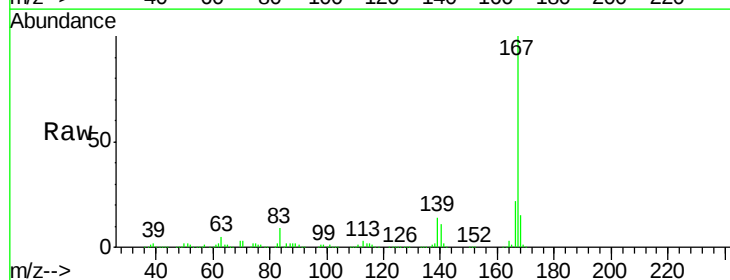
Instrument :
 BNA_F
 ClientSampleId :

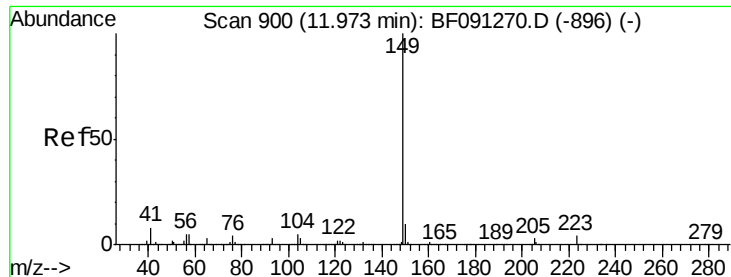
Tot Ion:178 Resp: 2259357
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.6
 179 16.4 12.7 19.1



#72
 Carbazole
 Concen: 49.66 ng
 RT: 11.63 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF091272.D
 Acq: 23 Nov 2016 11:46

Tgt Ion:167 Resp: 1913098
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.8 11.5 17.3





#73

Di-n-butylphthalate

Concen: 55.21 ng

RT: 11.97 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

Instrument :

BNA_F

ClientSampleId :

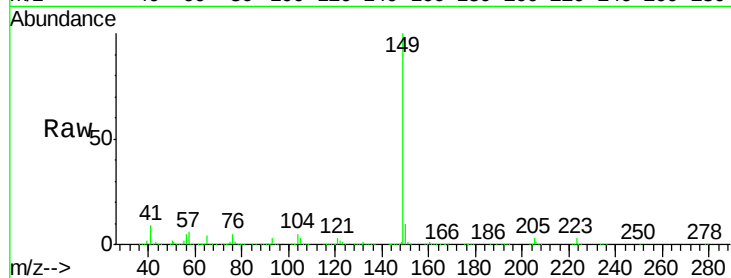
Tot Ion:149 Resp: 2531296

Ion Ratio Lower Upper

149 100

150 10.0 7.5 11.3

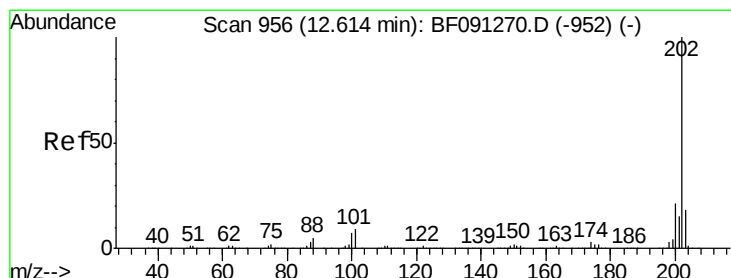
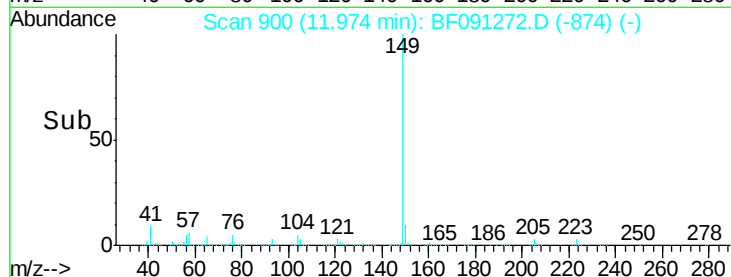
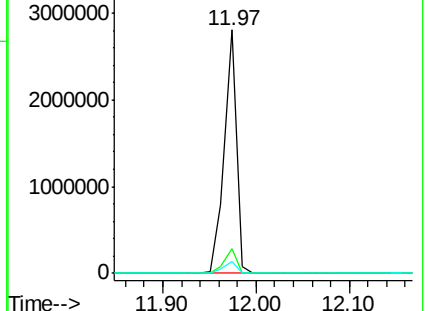
104 5.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.07 ng

RT: 12.61 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

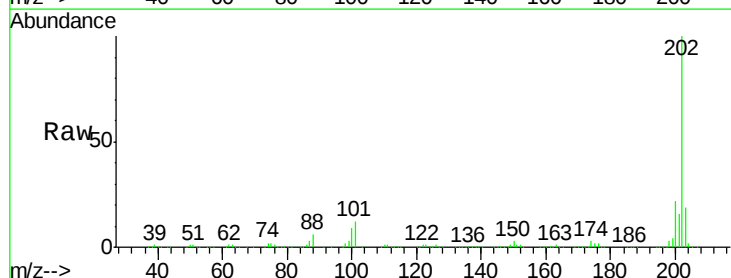
Tgt Ion:202 Resp: 2209400

Ion Ratio Lower Upper

202 100

101 11.7 0.0 29.5

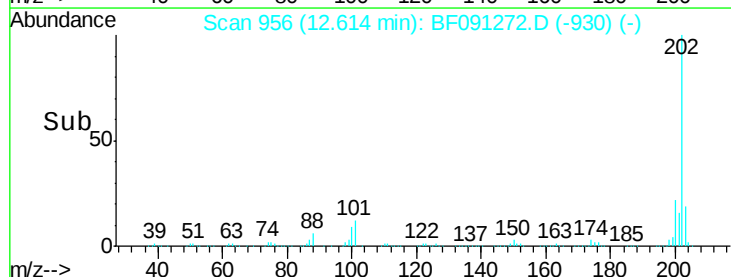
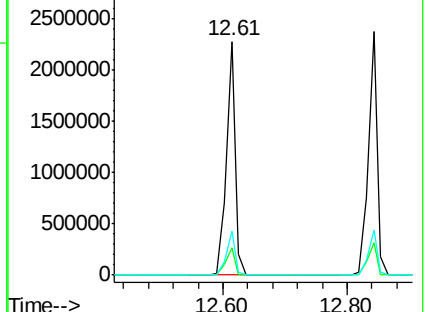
203 18.7 0.0 37.8

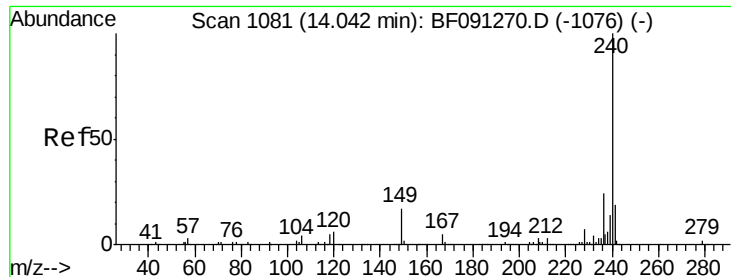


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

Instrument :

BNA_F

ClientSampleId :

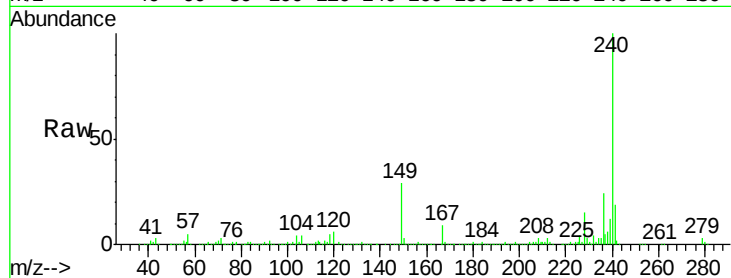
Tot Ion:240 Resp: 574246

Ion Ratio Lower Upper

240 100

120 6.2 12.1 18.1#

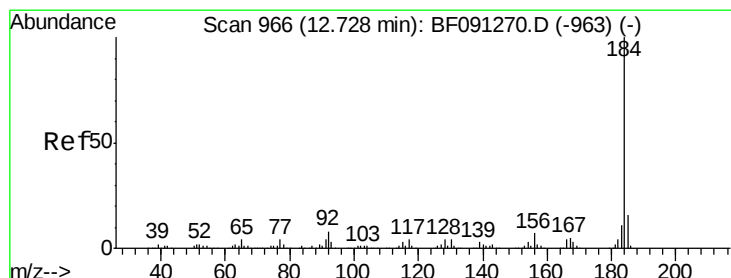
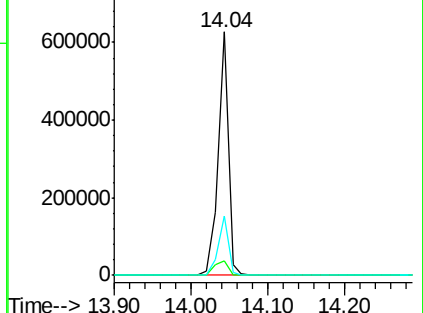
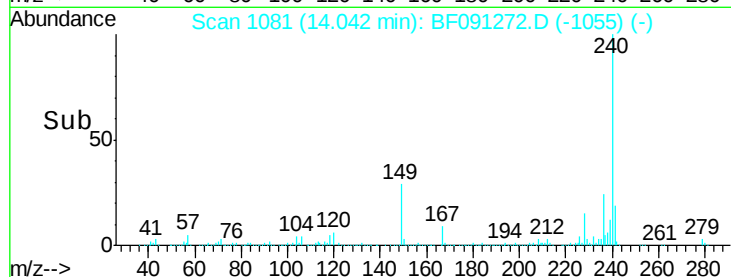
236 24.2 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.30 ng

RT: 12.73 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

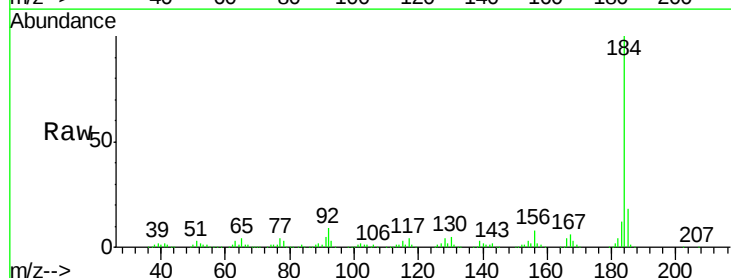
Tgt Ion:184 Resp: 610056

Ion Ratio Lower Upper

184 100

185 17.6 13.1 19.7

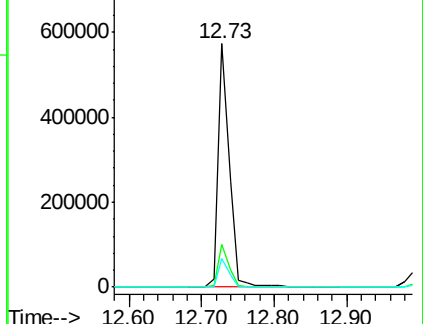
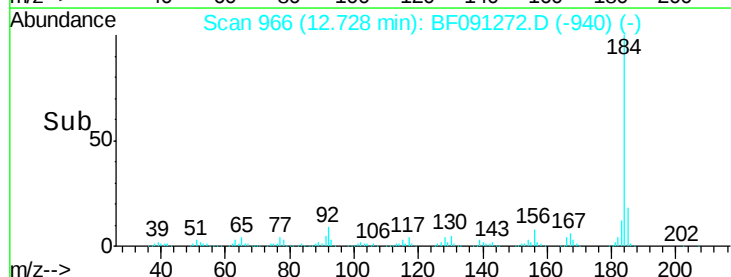
183 11.7 8.9 13.3

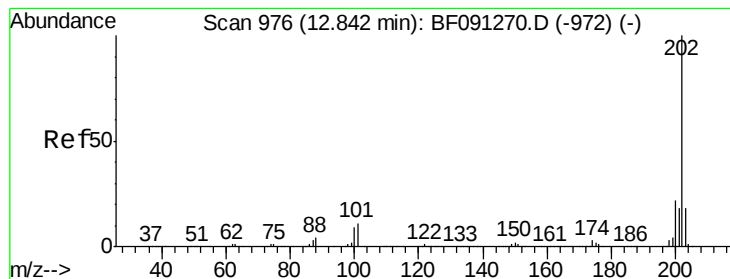


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 52.03 ng

RT: 12.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

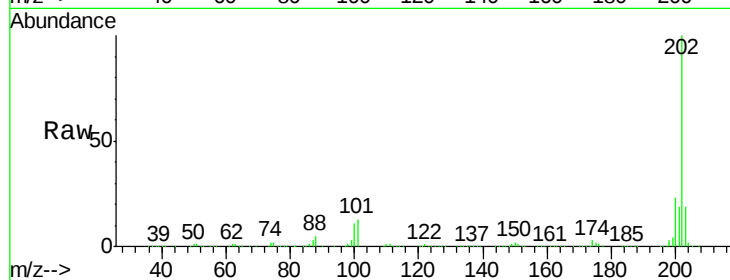
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 2291617

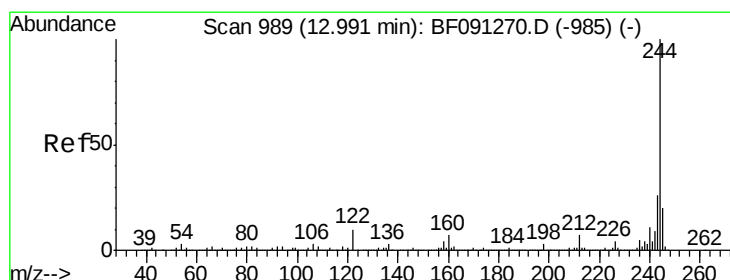
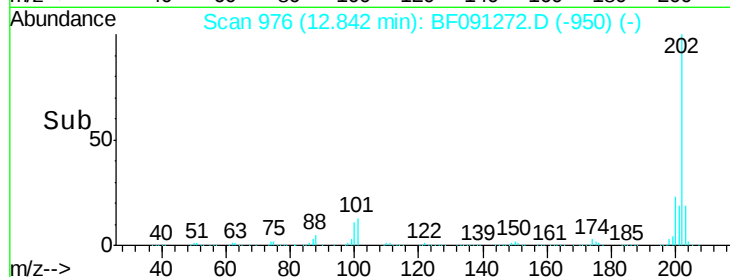
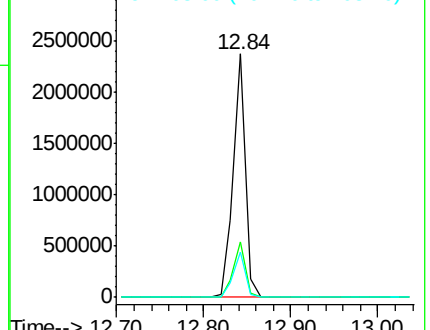
Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.6	26.4
203	18.6	14.0	21.0



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: 98.58 ng

RT: 12.99 min Scan# 989

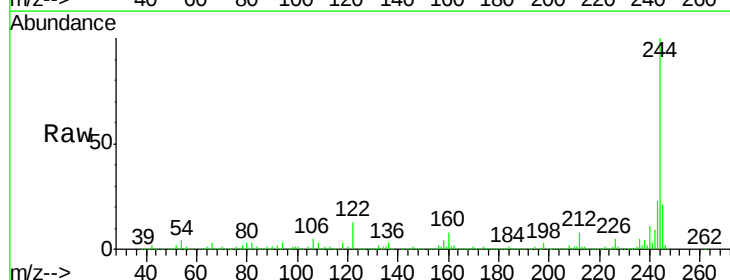
Delta R.T. 0.00 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

Tgt Ion:244 Resp: 2497360

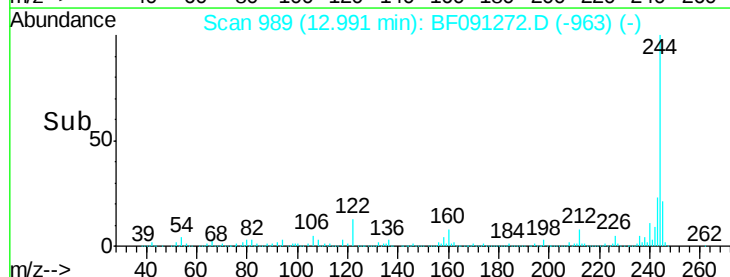
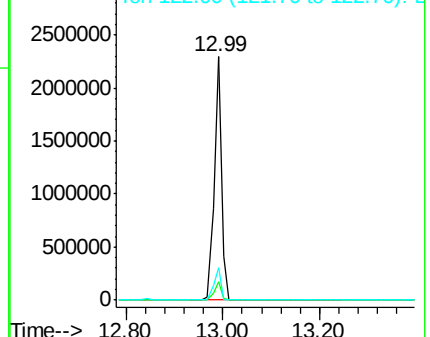
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	13.1	9.5	14.3

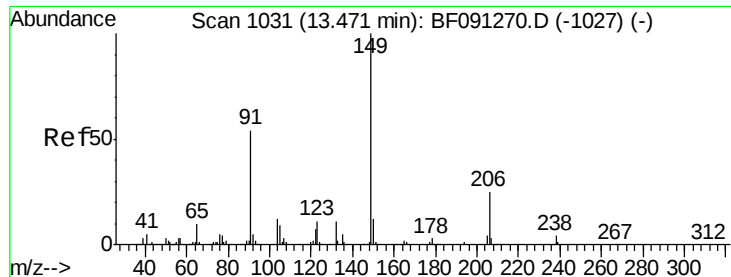


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

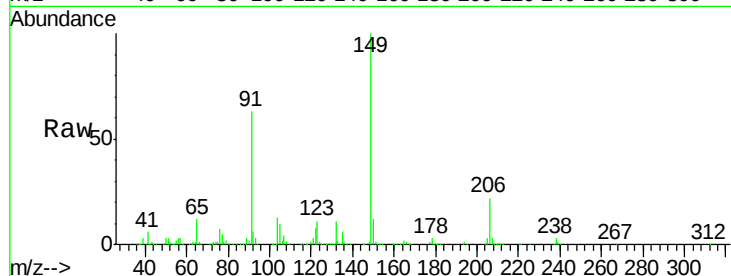




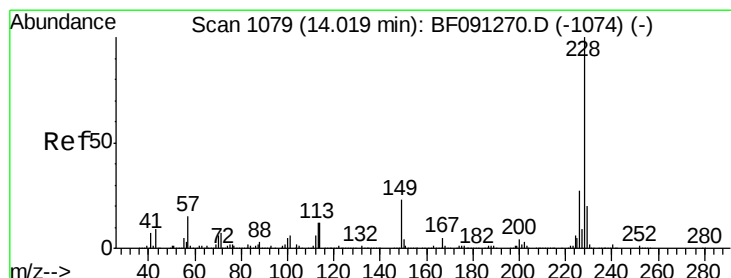
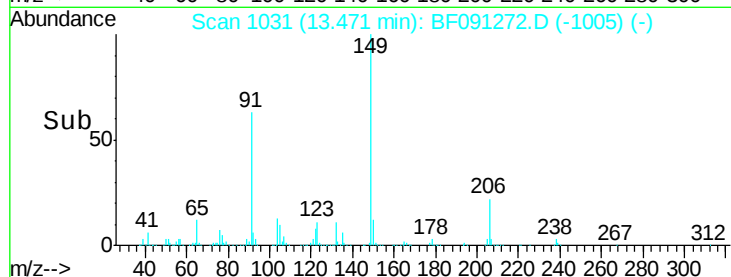
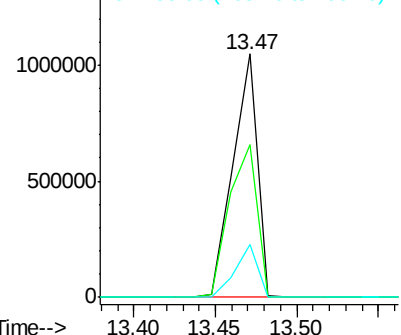
#79
Butylbenzylphthalate
Concen: 58.69 ng
RT: 13.47 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1085303
Ion Ratio Lower Upper
149 100
91 62.6 57.4 86.2
206 21.9 15.4 23.2

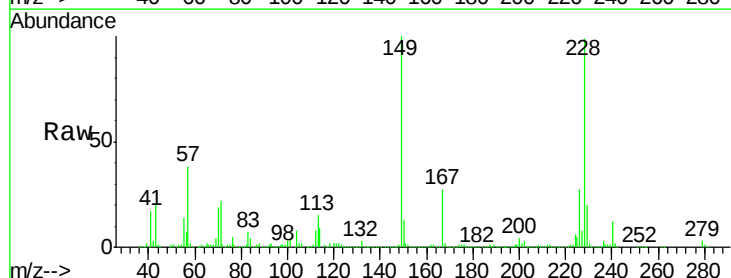


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

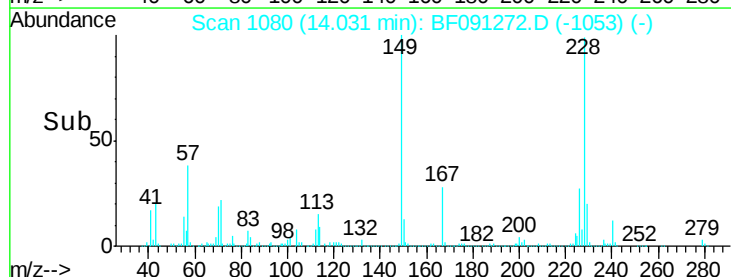
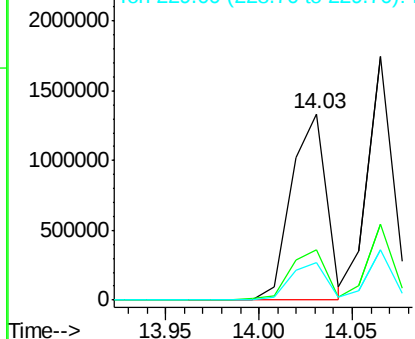


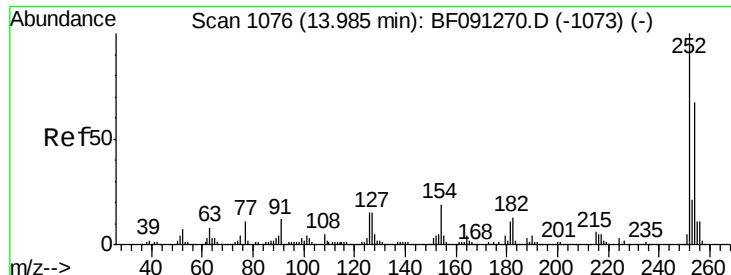
#80
Benzo(a)anthracene
Concen: 50.36 ng
RT: 14.03 min Scan# 1080
Delta R.T. 0.01 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

Tgt Ion:228 Resp: 1751839
Ion Ratio Lower Upper
228 100
226 27.1 22.5 33.7
229 19.8 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

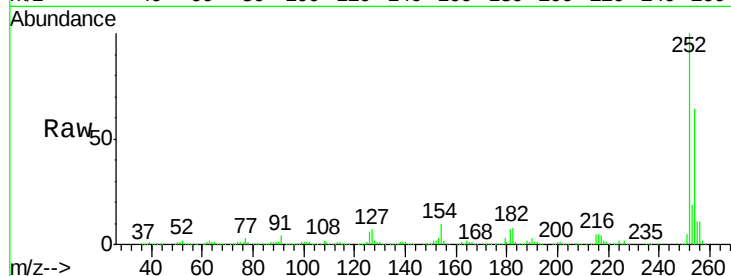




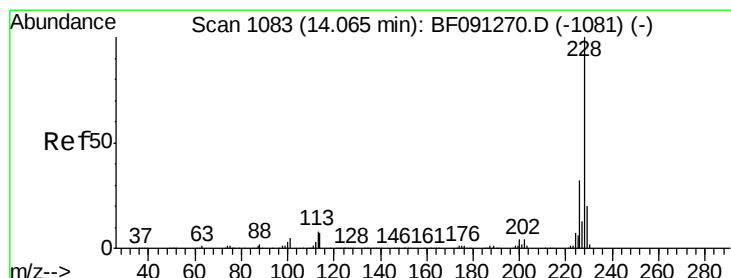
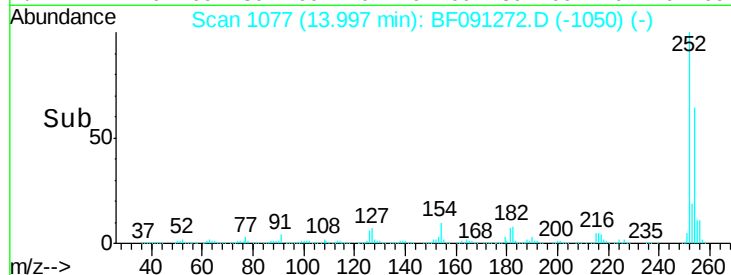
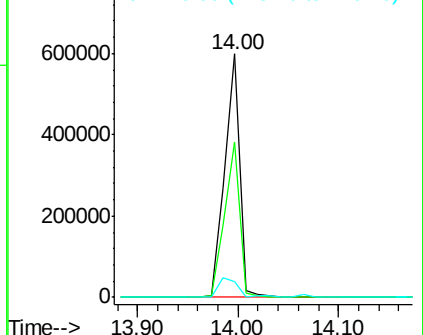
#81
 3,3'-Dichlorobenzidine
 Concen: 51.58 ng
 RT: 14.00 min Scan# 1077
 Delta R.T. 0.01 min
 Lab File: BF091272.D
 Acq: 23 Nov 2016 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 621951
 Ion Ratio Lower Upper
 252 100
 254 64.0 52.1 78.1
 126 6.5 7.5 11.3#

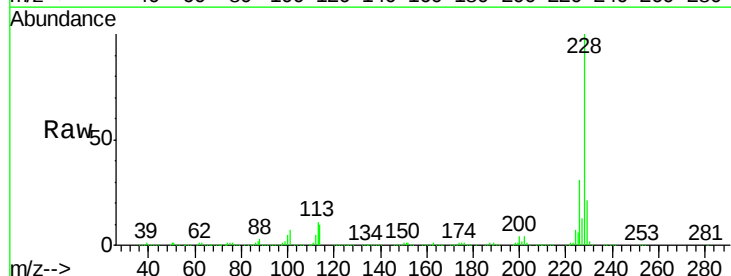


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

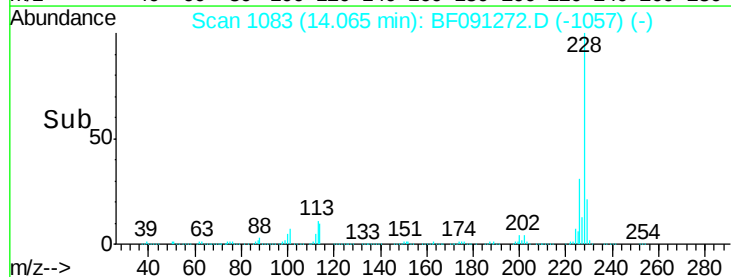
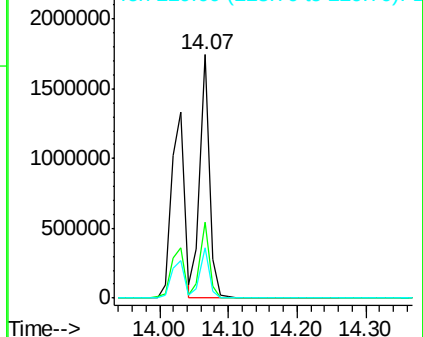


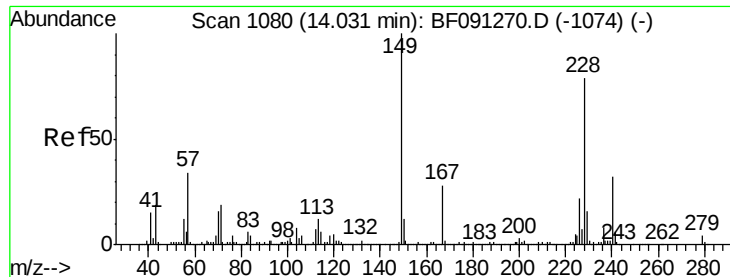
#82
 Chrysene
 Concen: 46.58 ng
 RT: 14.07 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF091272.D
 Acq: 23 Nov 2016 11:46

Tgt Ion:228 Resp: 1665876
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.4
 229 20.8 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

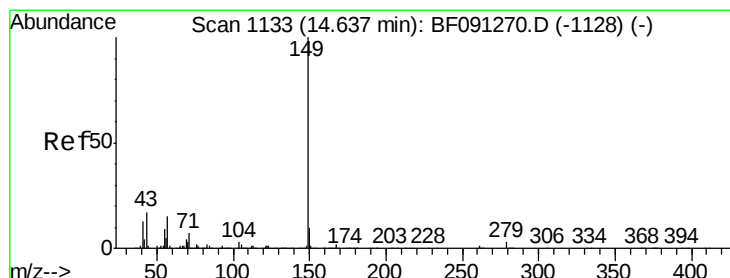
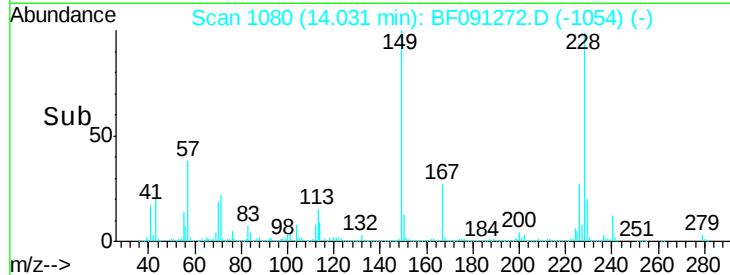
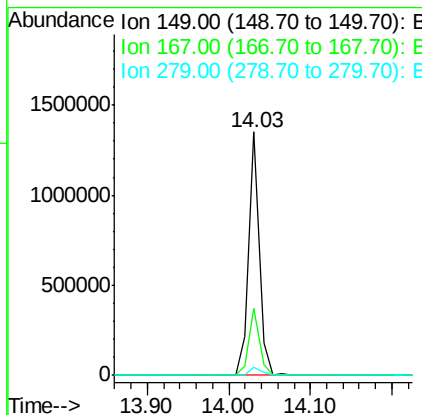
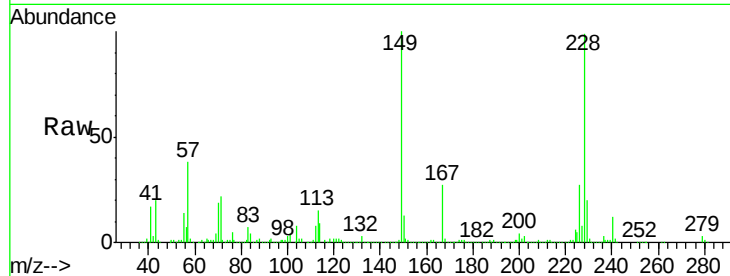




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.91 ng
 RT: 14.03 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF091272.D
 Acq: 23 Nov 2016 11:46

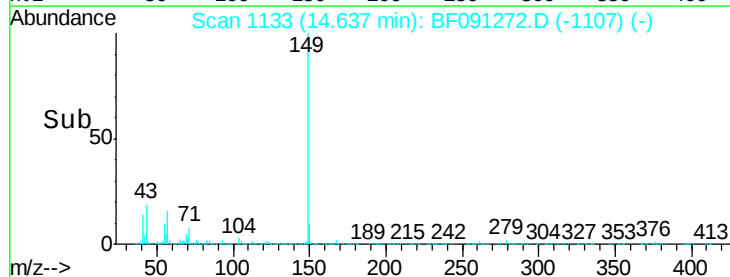
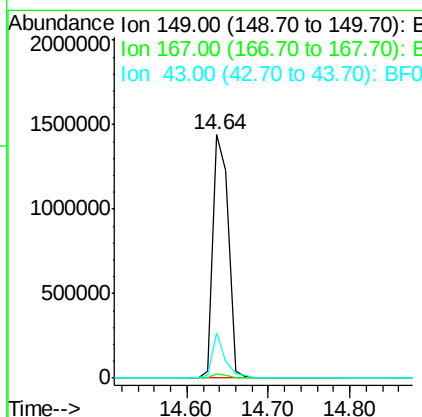
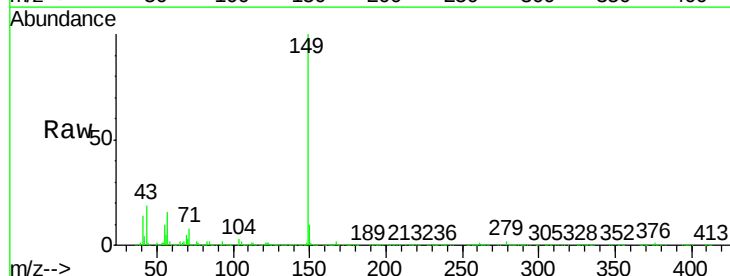
Instrument :
 BNA_F
 ClientSampleId :

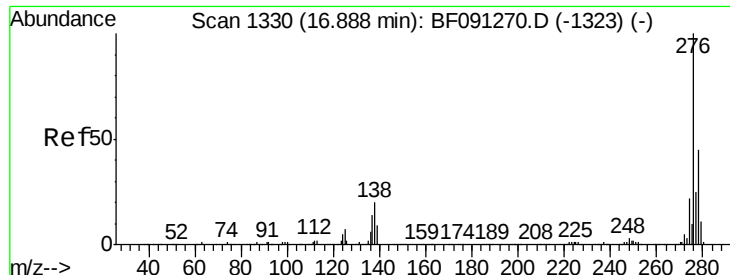
Tot Ion:149 Resp: 1216551
 Ion Ratio Lower Upper
 149 100
 167 27.5 19.6 29.4
 279 3.4 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 46.41 ng
 RT: 14.64 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: BF091272.D
 Acq: 23 Nov 2016 11:46

Tgt Ion:149 Resp: 1904680
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 15.6 11.9 17.9

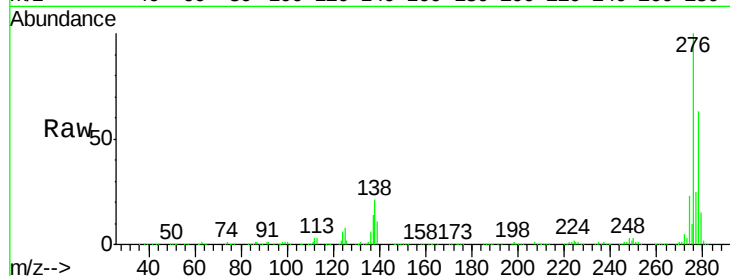




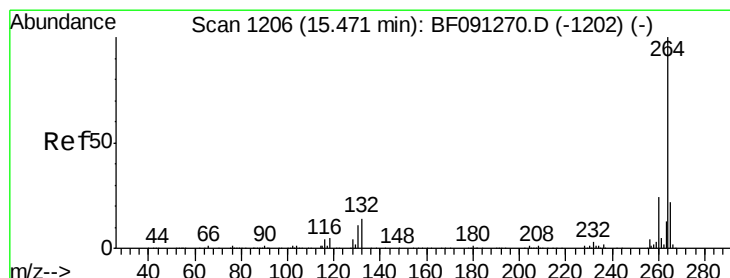
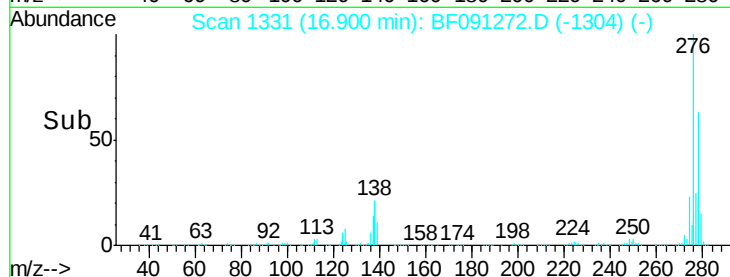
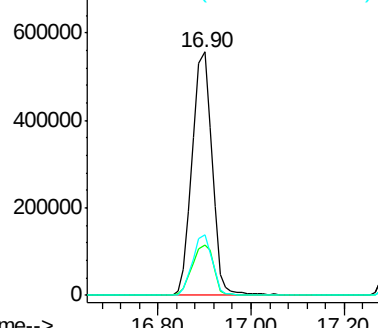
#85
Indeno(1,2,3-cd)pyrene
Concen: 58.39 ng
RT: 16.90 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 1660736
Ion Ratio Lower Upper
276 100
138 22.5 21.0 31.4
277 24.8 20.2 30.2

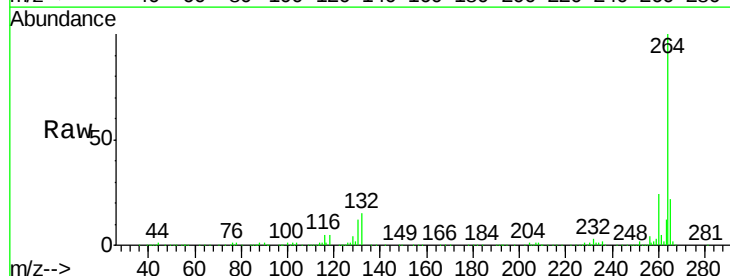


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

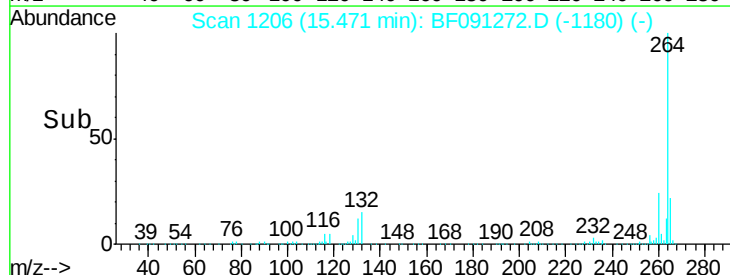
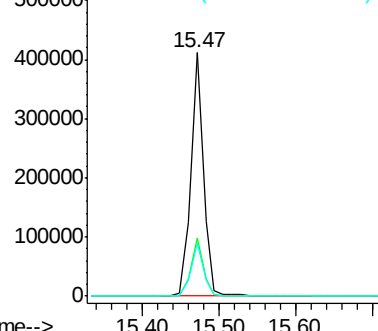


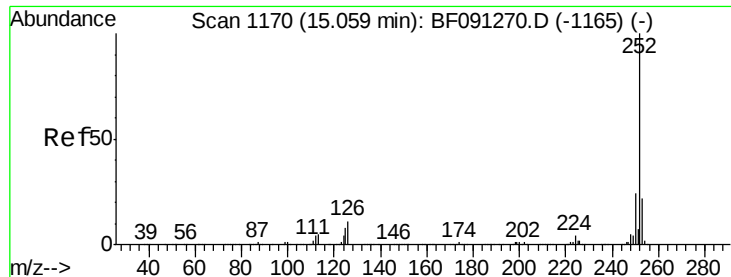
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

Tgt Ion:264 Resp: 472621
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 21.7 17.0 25.6



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

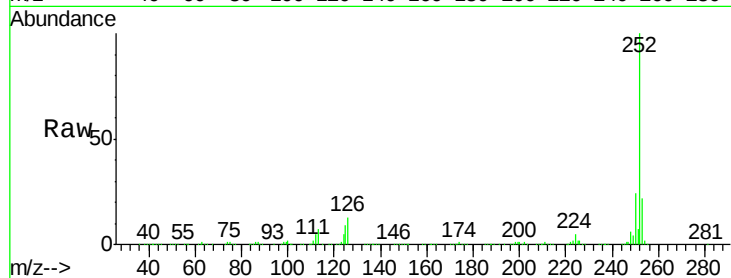




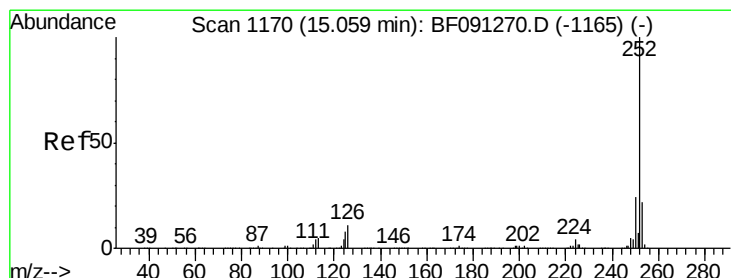
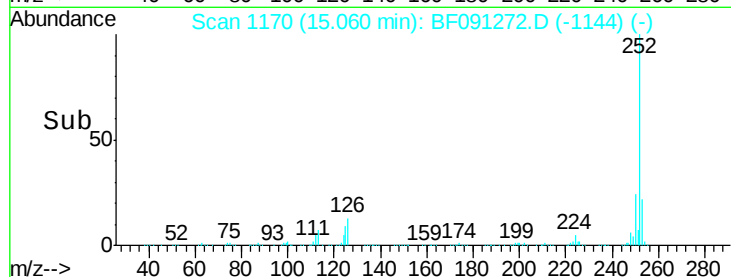
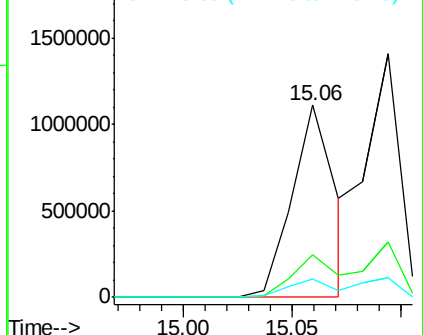
#87
Benzo(b)fluoranthene
Concen: 53.64 ng
RT: 15.06 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1523501
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 9.4 8.6 13.0

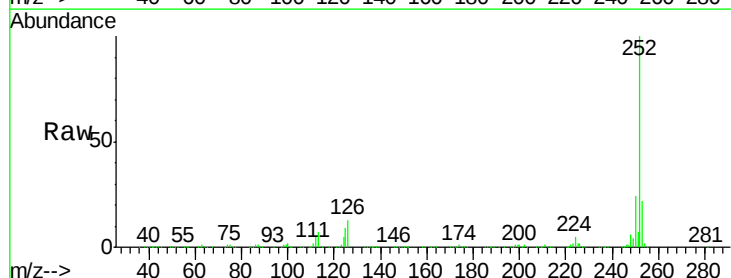


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

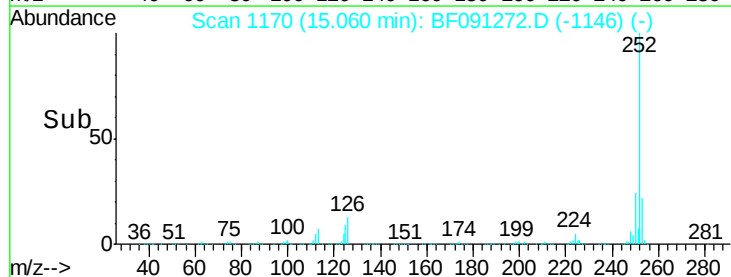
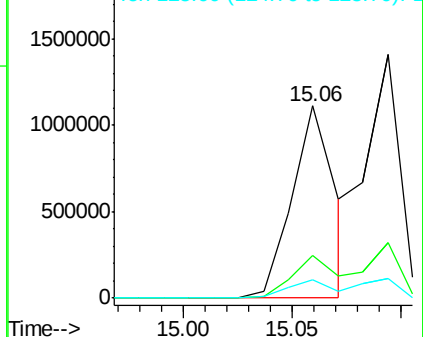


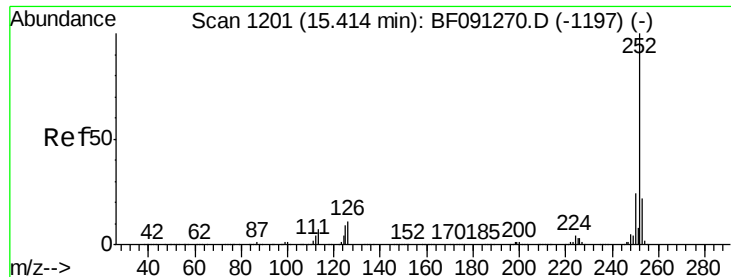
#88
Benzo(k)fluoranthene
Concen: 53.09 ng
RT: 15.06 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

Tgt Ion:252 Resp: 1523501
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 9.4 9.6 14.4#



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

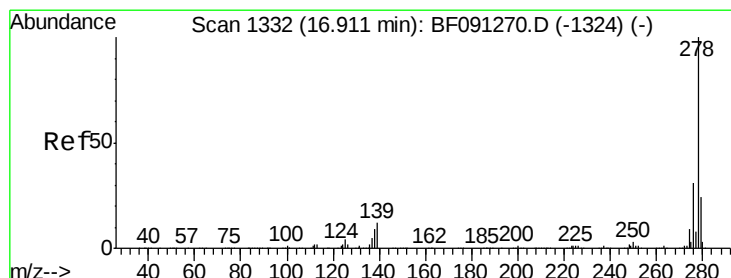
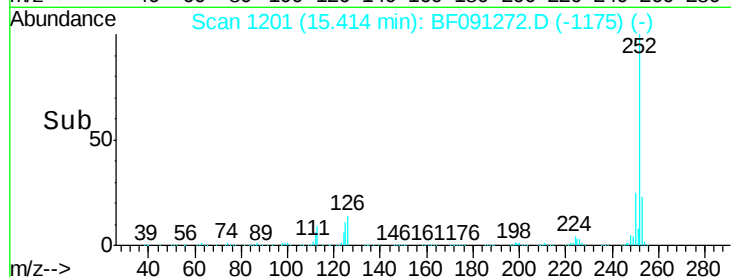
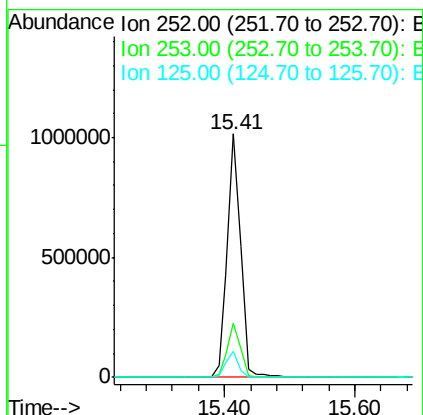
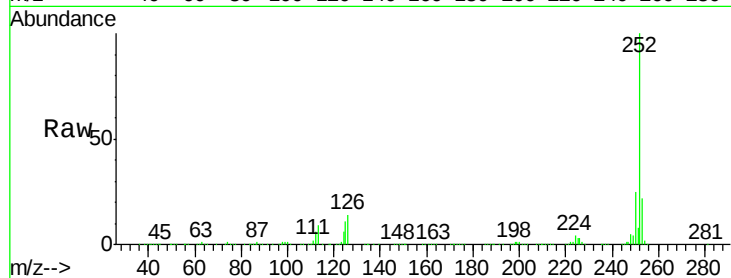




#89
Benzo(a)pyrene
Concen: 55.62 ng
RT: 15.41 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

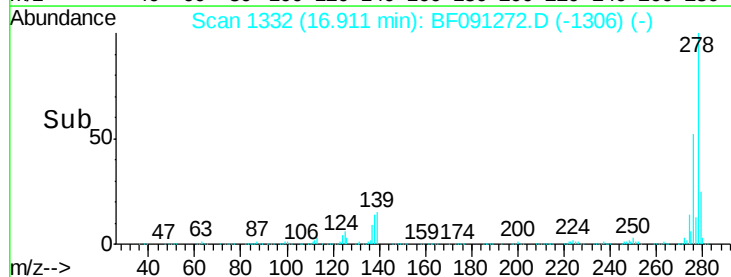
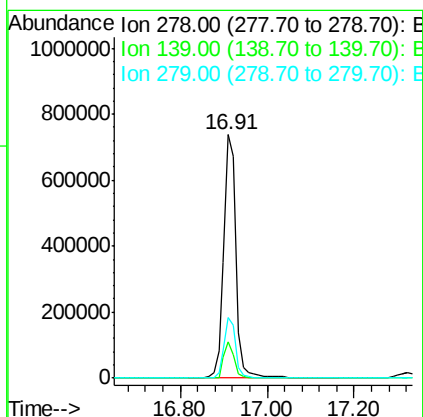
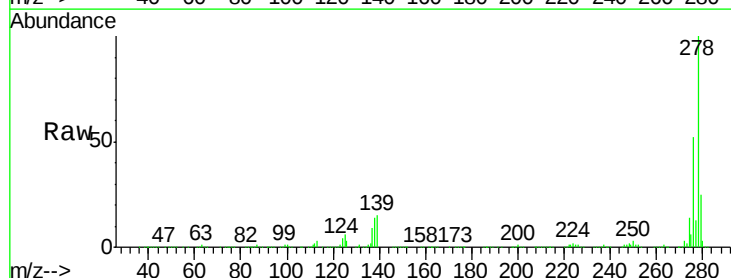
Instrument :
BNA_F
ClientSampled :

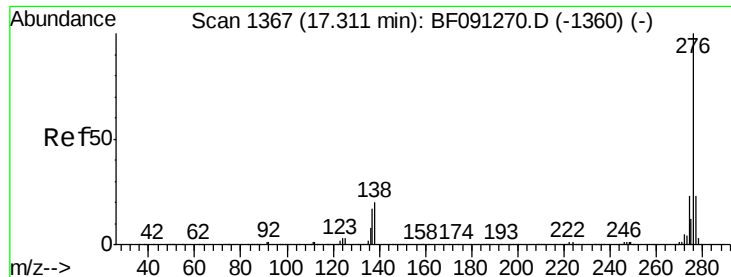
Tot Ion:252 Resp: 1448743
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 10.9 10.4 15.6



#90
Dibenzo(a,h)anthracene
Concen: 67.87 ng
RT: 16.91 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF091272.D
Acq: 23 Nov 2016 11:46

Tgt Ion:278 Resp: 1456685
Ion Ratio Lower Upper
278 100
139 15.0 15.1 22.7#
279 24.7 19.0 28.6





#91

Benzo(a,h,i)perylene

Concen: 66.18 ng

RT: 17.32 min Scan# 1368

Delta R.T. 0.01 min

Lab File: BF091272.D

Acq: 23 Nov 2016 11:46

Instrument :

BNA_F

ClientSampleId :

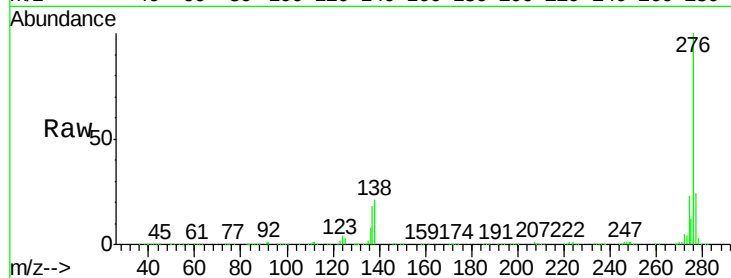
Tot Ion:276 Resp: 1451858

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 20.7 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

