

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
 Data File : BF091273.D
 Acq On : 23 Nov 2016 12:13
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 12:42:31 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 12:39:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	220776	20.00	ng	0.01
21) Naphthalene-d8	8.17	136	863076	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	506486	20.00	ng	0.01
63) Phenanthrene-d10	11.40	188	800189	20.00	ng	0.00
75) Chrysene-d12	14.04	240	555984	20.00	ng	0.00
86) Perylene-d12	15.47	264	462027	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1965905	70.29	ng	0.01
7) Phenol-d6	6.52	99	2472505	68.60	ng	0.02
23) Nitrobenzene-d5	7.46	82	2438846	81.57	ng	0.01
41) 2,4,6-Tribromophenol	10.72	330	650565	61.59	ng	0.01
44) 2-Fluorobiphenyl	9.25	172	3552289	57.42	ng	0.01
78) Terphenyl-d14	12.99	244	3409163	68.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	461032	69.84	ng	87
3) Pyridine	3.23	79	1308427	74.35	ng	87
4) n-Nitrosodimethylamine	3.20	42	730383	76.03	ng	98
6) Aniline	6.54	93	1626373	70.89	ng	# 73
8) 2-Chlorophenol	6.67	128	1034958	67.62	ng	85
9) Benzaldehyde	6.43	77	525335	54.98	ng	84
10) Phenol	6.53	94	1476024	74.15	ng	92
11) bis(2-Chloroethyl)ether	6.62	93	980817	66.04	ng	96
12) 1,3-Dichlorobenzene	7.06	146	1112018	66.86	ng	98
13) 1,4-Dichlorobenzene	6.90	146	1089541	63.28	ng	97
14) 1,2-Dichlorobenzene	7.06	146	1112546	68.80	ng	97
15) Benzyl Alcohol	7.02	79	1040947	75.30	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.16	45	2335847	72.60	ng	72
17) 2-Methylphenol	7.14	107	844364	70.03	ng	# 75
18) Hexachloroethane	7.40	117	455887	76.13	ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	848650	76.10	ng	# 87
20) 3+4-Methylphenols	7.30	107	946981	63.18	ng	# 67
22) Acetophenone	7.30	105	1342201	67.36	ng	# 75
24) Nitrobenzene	7.47	77	1064835	65.38	ng	93
25) Isophorone	7.72	82	2161258	76.72	ng	97
26) 2-Nitrophenol	7.79	139	568184	91.07	ng	# 69
27) 2,4-Dimethylphenol	7.82	122	948365	69.72	ng	96
28) bis(2-Chloroethoxy)methane	7.93	93	1353093	81.34	ng	98
29) 2,4-Dichlorophenol	8.03	162	947485	80.36	ng	93
30) 1,2,4-Trichlorobenzene	8.11	180	939358	67.58	ng	99
31) Naphthalene	8.19	128	2711424	63.37	ng	99
32) Benzoic acid	7.98	122	901574	93.95	ng	96
33) 4-Chloroaniline	8.24	127	1344232	73.57	ng	96
34) Hexachlorobutadiene	8.32	225	608897	75.11	ng	98
35) Caprolactam	8.65	113	292641	80.52	ng	# 90
36) 4-Chloro-3-methylphenol	8.73	107	1030892	81.51	ng	90
37) 2-Methylnaphthalene	8.89	142	2159218	75.11	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	859564	60.44	ng	98
40) Hexachlorocyclopentadiene	9.04	237	461261	74.31	ng	98

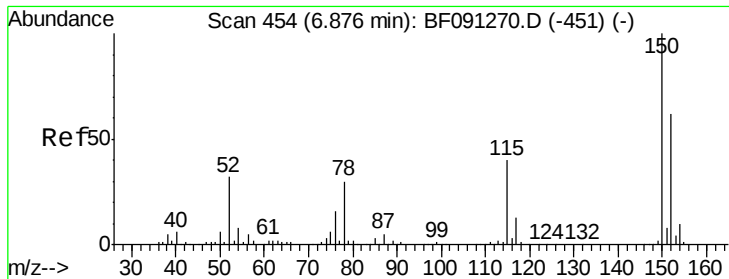
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	655165	67.69	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	516040	55.24	nq #	88
45) 1,1'-Biphenyl	9.36	154	2637585	71.08	nq	95
46) 2-Chloronaphthalene	9.38	162	1931190	71.05	nq	94
47) 2-Nitroaniline	9.47	65	804635	90.27	nq	89
48) Acenaphthylene	9.79	152	2717566	61.27	nq	97
49) Dimethylphthalate	9.66	163	2276293	70.80	nq	98
50) 2,6-Dinitrotoluene	9.71	165	511103	73.08	nq	96
51) Acenaphthene	9.96	154	1864934	61.85	nq	97
52) 3-Nitroaniline	9.88	138	502746	66.00	nq	89
53) 2,4-Dinitrophenol	9.98	184	253121	120.78	nq #	79
54) Dibenzofuran	10.13	168	2364020	57.61	nq	99
55) 4-Nitrophenol	10.03	139	373758	68.32	nq	98
56) 2,4-Dinitrotoluene	10.11	165	662355	75.11	nq #	59
57) Fluorene	10.48	166	1966373	62.62	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	520022	63.06	nq	97
59) Diethylphthalate	10.35	149	2121425	64.86	nq	97
60) 4-Chlorophenyl-phenylether	10.46	204	816220	56.43	nq #	84
61) 4-Nitroaniline	10.50	138	518090	73.96	nq	92
62) Azobenzene	10.62	77	2112190	63.51	nq	87
64) 4,6-Dinitro-2-methylphenol	10.52	198	301669	93.73	nq	85
65) n-Nitrosodiphenylamine	10.59	169	1769751	71.78	nq	100
66) 4-Bromophenyl-phenylether	10.96	248	587330	65.40	nq	94
67) Hexachlorobenzene	11.02	284	751867	78.16	nq	98
68) Atrazine	11.10	200	205209	32.00	nq	98
69) Pentachlorophenol	11.21	266	402050	69.56	nq	98
70) Phenanthrene	11.44	178	3032336	72.01	nq	98
71) Anthracene	11.48	178	2707426	61.70	nq	99
72) Carbazole	11.64	167	2756982	71.94	nq #	97
73) Di-n-butylphthalate	11.97	149	2793567	61.78	nq	98
74) Fluoranthene	12.61	202	2747451	63.10	nq	95
76) Benzidine	12.73	184	492791	45.73	nq	95
77) Pyrene	12.84	202	2900558	69.25	nq	98
79) Butylbenzylphthalate	13.47	149	1286063	77.94	nq	97
80) Benzo(a)anthracene	14.03	228	2184123	67.70	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	708561	66.44	nq	99
82) Chrysene	14.07	228	1918574	62.30	nq	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	1382579	65.85	nq #	96
84) Di-n-octyl phthalate	14.65	149	2333764	71.33	nq	99
85) Indeno(1,2,3-cd)pyrene	16.90	276	2156275	84.66	nq	96
87) Benzo(b)fluoranthene	15.09	252	3792287	129.81	nq	99
88) Benzo(k)fluoranthene	15.09	252	3792986	153.41	nq	98
89) Benzo(a)pyrene	15.43	252	1910078	76.56	nq #	94
90) Dibenzo(a,h)anthracene	16.92	278	1871402	82.05	nq #	94
91) Benzo(g,h,i)perylene	17.33	276	1896307	84.13	nq	100

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

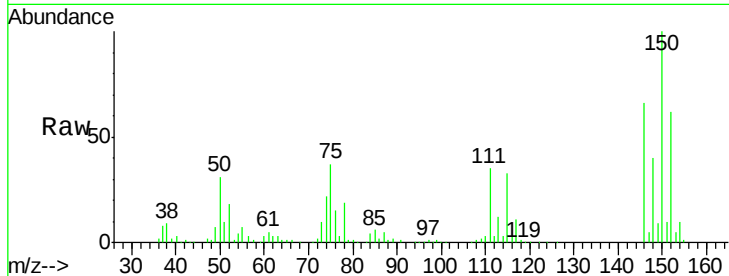


#1

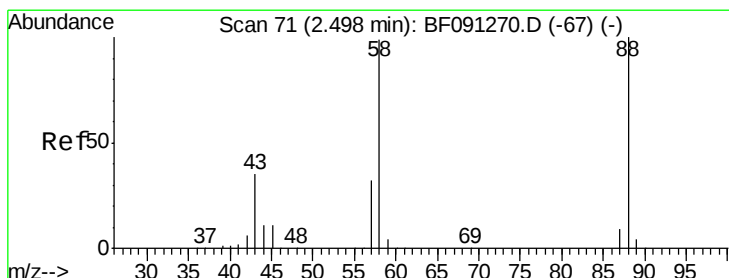
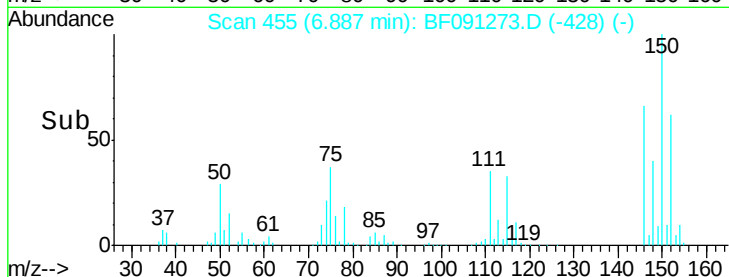
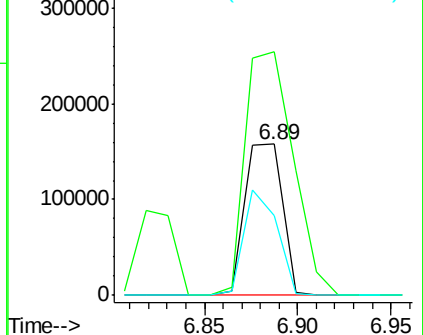
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 455
Delta R.T. 0.01 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 220776
Ion Ratio Lower Upper
152 100
150 161.3 122.5 183.7
115 52.5 51.8 77.8



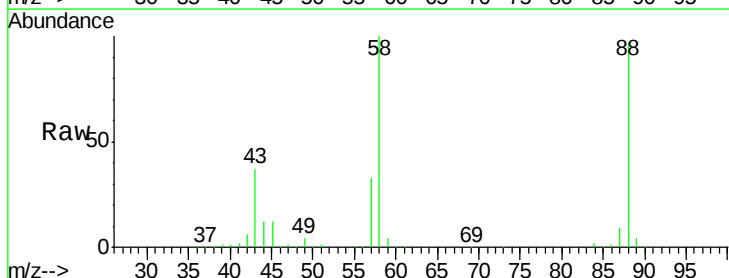
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



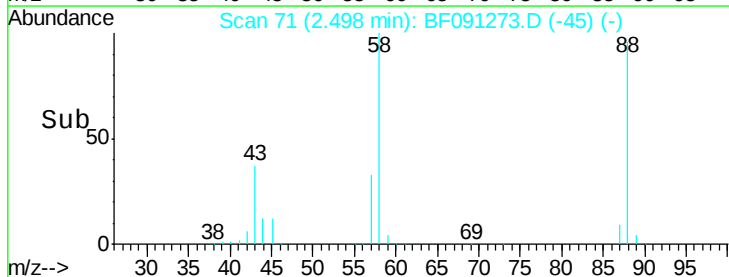
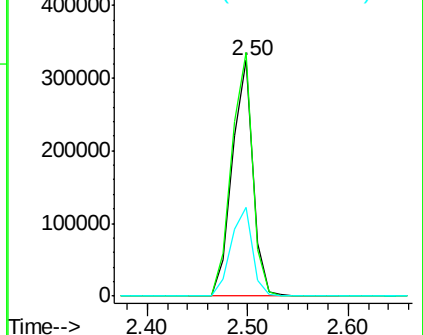
#2

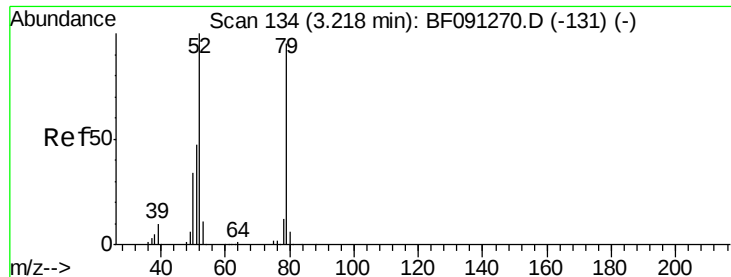
1,4-Dioxane
Concen: 69.84 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.00 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Tgt Ion: 88 Resp: 461032
Ion Ratio Lower Upper
88 100
58 104.7 70.3 105.5
43 39.5 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: 74.35 ng

RT: 3.23 min Scan# 135

Delta R.T. 0.01 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

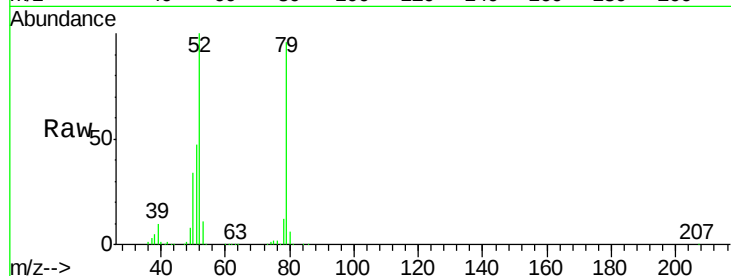
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 1308427

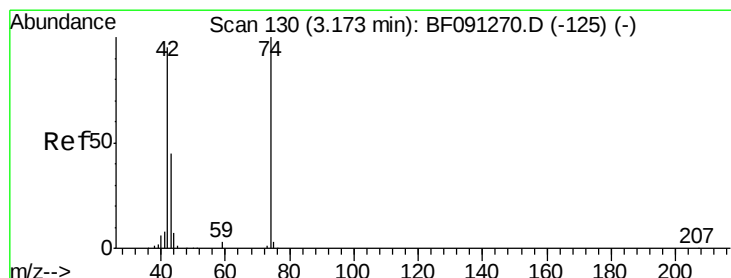
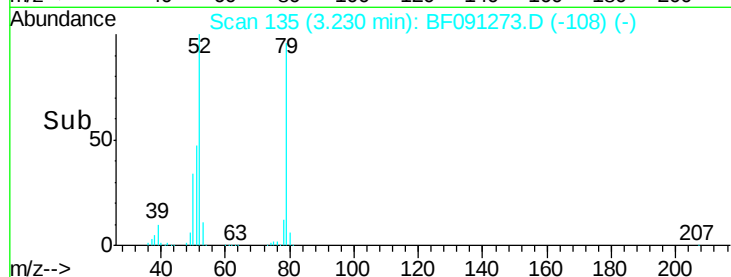
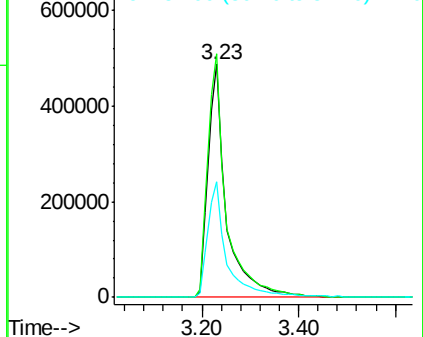
Ion	Ratio	Lower	Upper
79	100		
52	104.6	71.0	106.4
51	49.4	37.0	55.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 76.03 ng

RT: 3.20 min Scan# 132

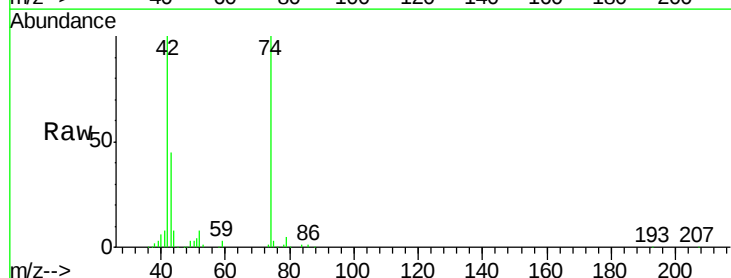
Delta R.T. 0.02 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Tgt Ion: 42 Resp: 730383

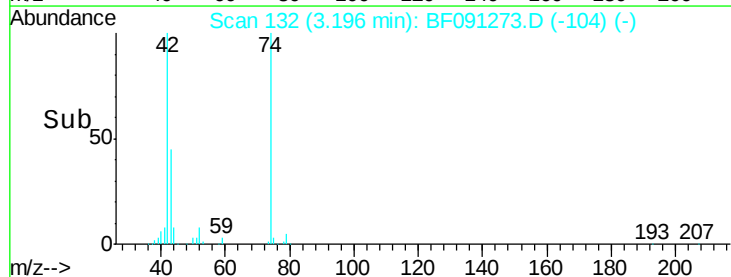
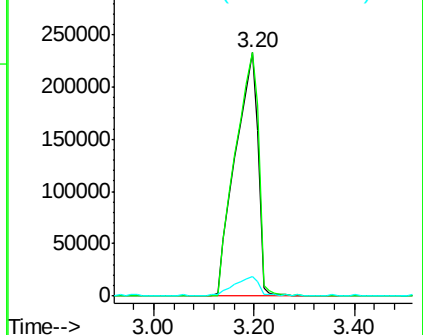
Ion	Ratio	Lower	Upper
42	100		
74	100.1	78.9	118.3
44	8.0	5.8	8.6

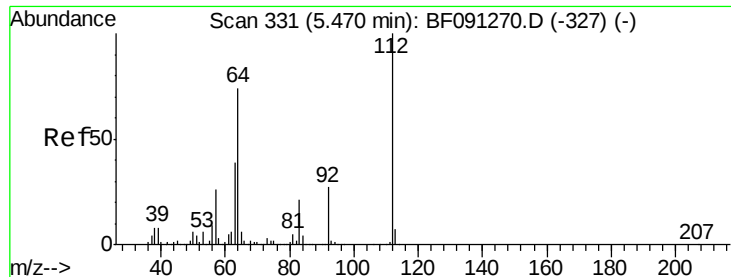


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 70.29 ng

RT: 5.48 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Instrument :

BNA_F

ClientSampleId :

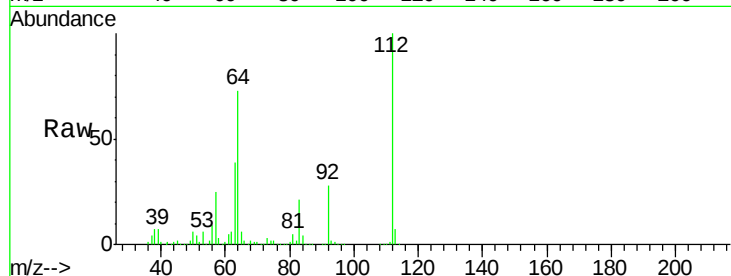
Tot Ion:112 Resp: 1965905

Ion Ratio Lower Upper

112 100

64 73.2 61.5 92.3

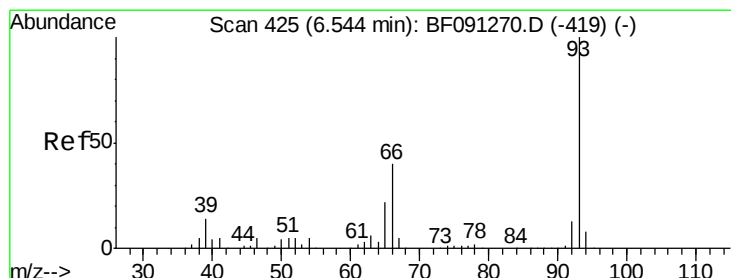
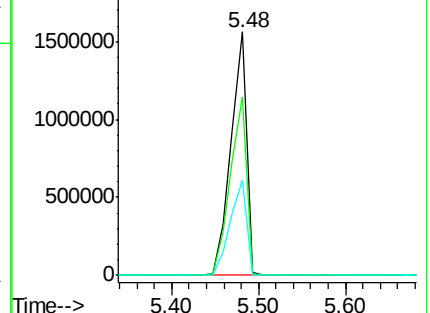
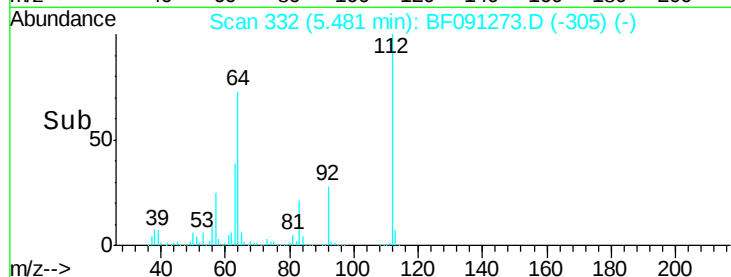
63 39.0 33.3 49.9



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: 70.89 ng

RT: 6.54 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

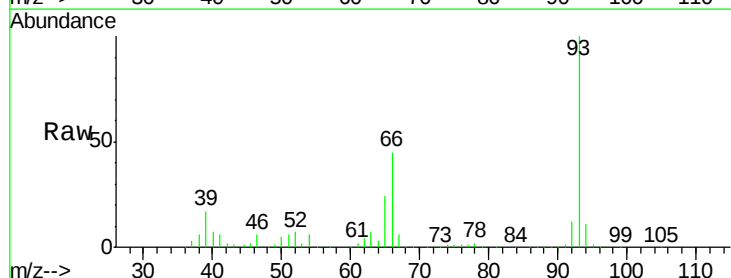
Tgt Ion: 93 Resp: 1626373

Ion Ratio Lower Upper

93 100

66 45.5 55.8 83.6#

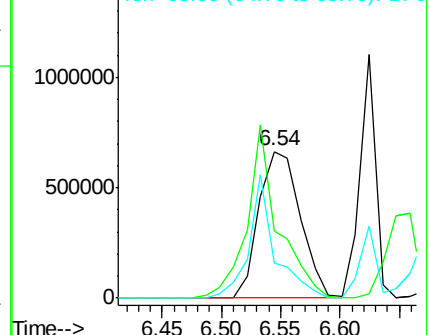
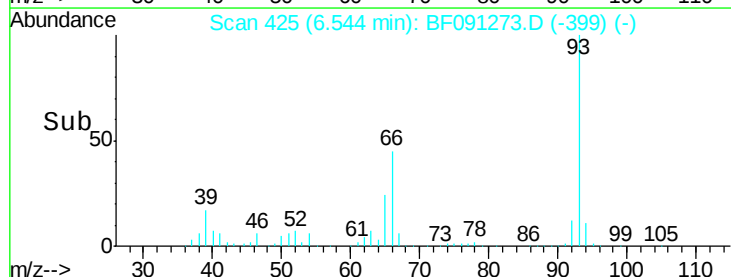
65 23.6 29.9 44.9#

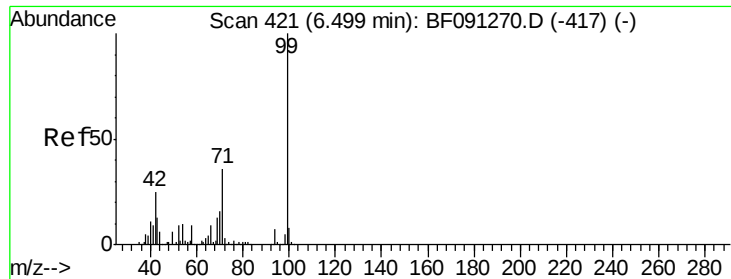


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 68.60 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.02 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Instrument :

BNA_F

ClientSampleId :

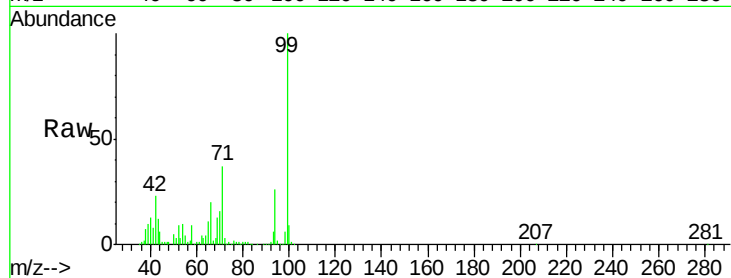
Tot Ion: 99 Resp: 2472505

Ion Ratio Lower Upper

99 100

42 23.2 20.6 31.0

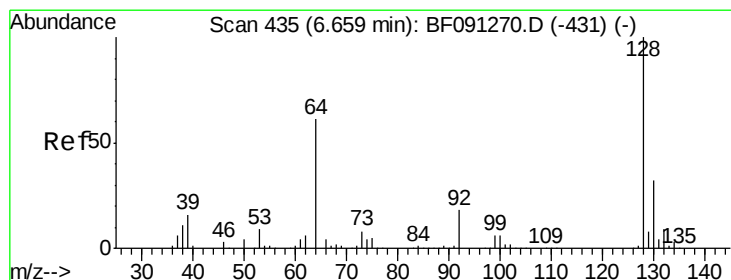
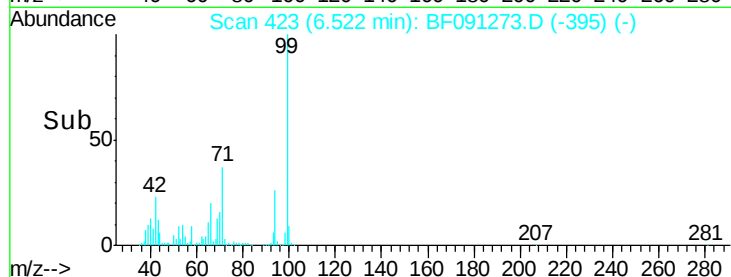
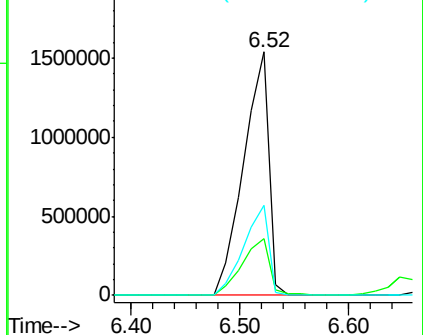
71 36.8 29.9 44.9



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: 67.62 ng

RT: 6.67 min Scan# 436

Delta R.T. 0.01 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

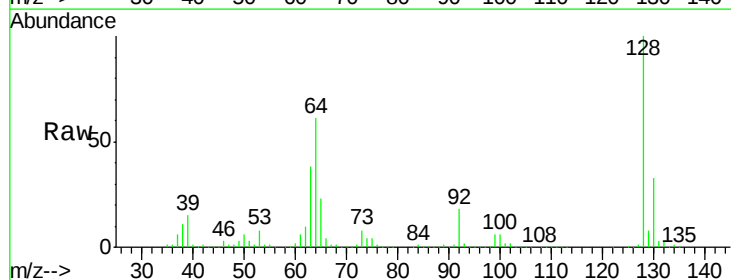
Tgt Ion: 128 Resp: 1034958

Ion Ratio Lower Upper

128 100

130 33.4 13.1 53.1

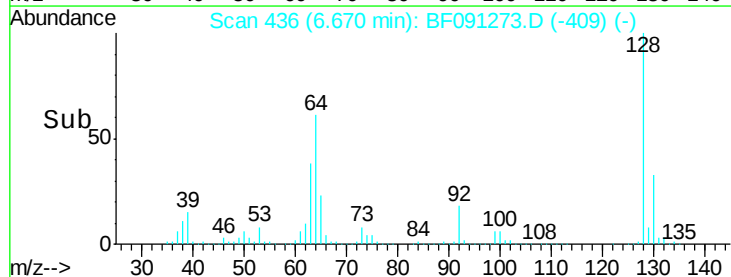
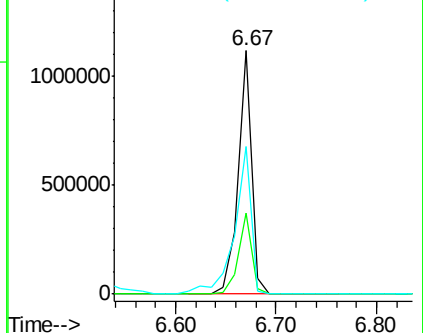
64 60.5 24.1 64.1

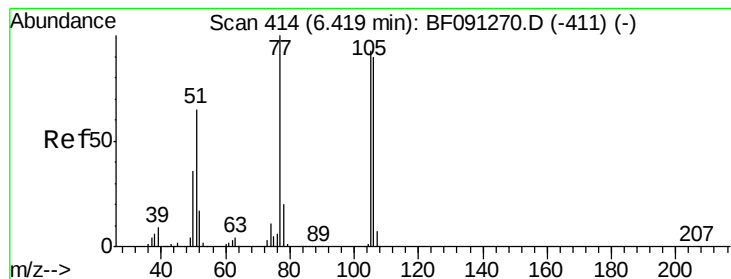


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 54.98 ng

RT: 6.43 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Instrument :

BNA_F

ClientSampleId :

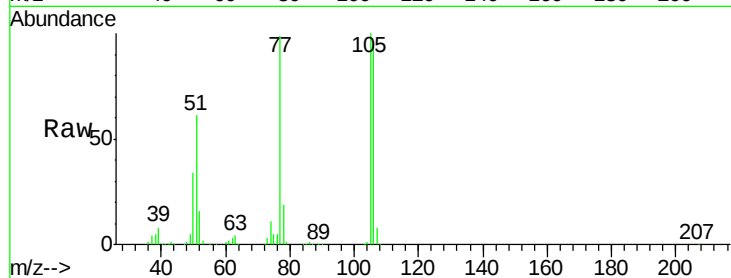
Tot Ion: 77 Resp: 525335

Ion Ratio Lower Upper

77 100

105 100.9 66.4 106.4

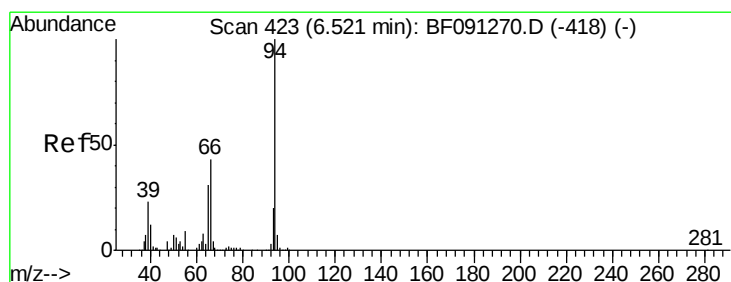
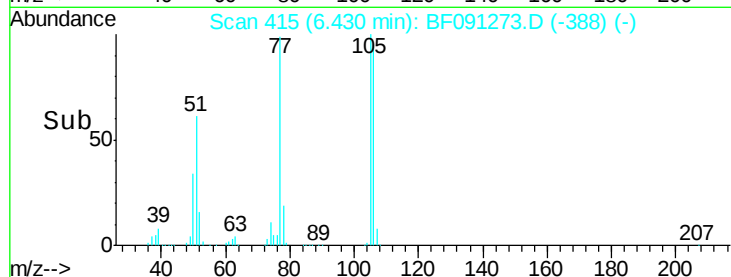
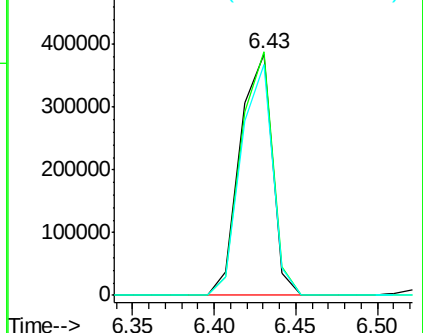
106 95.7 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 74.15 ng

RT: 6.53 min Scan# 424

Delta R.T. 0.01 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

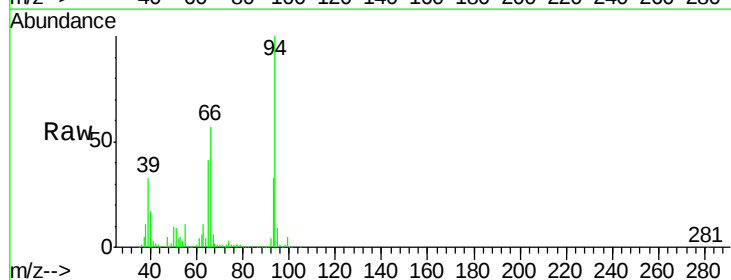
Tgt Ion: 94 Resp: 1476024

Ion Ratio Lower Upper

94 100

65 40.7 16.9 56.9

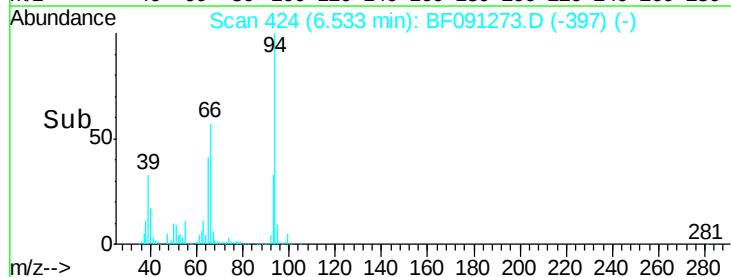
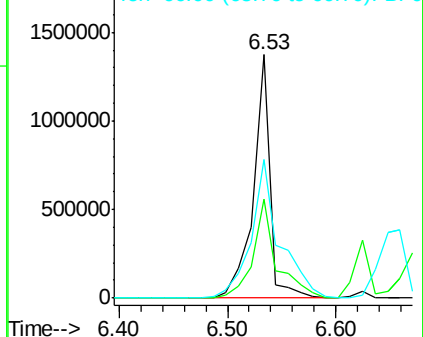
66 57.2 30.6 70.6

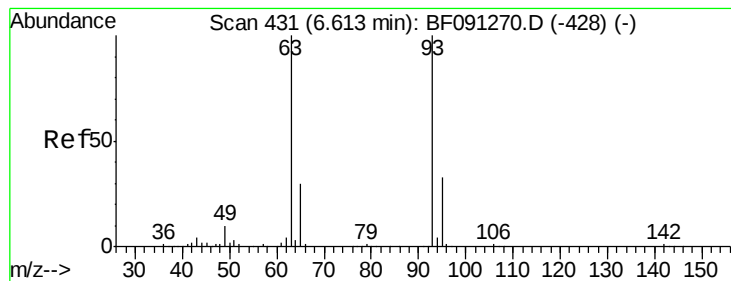


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 66.04 ng

RT: 6.62 min Scan# 432

Delta R.T. 0.01 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Instrument :

BNA_F

ClientSampled :

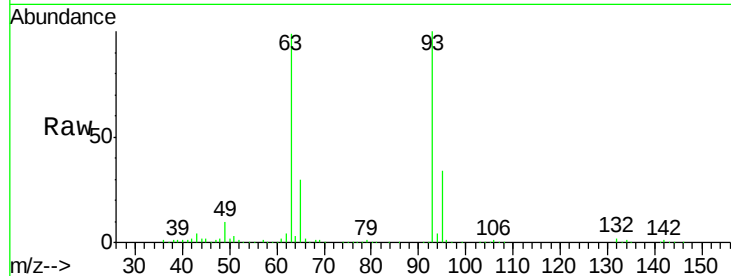
Tot Ion: 93 Resp: 980817

Ion Ratio Lower Upper

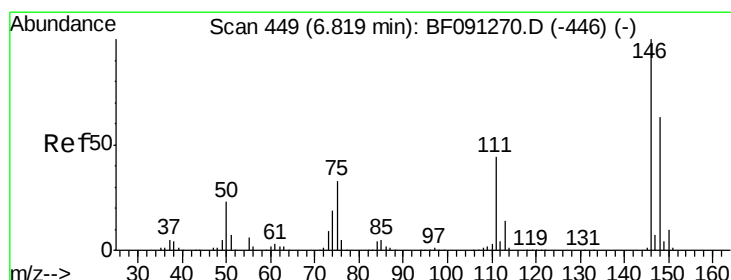
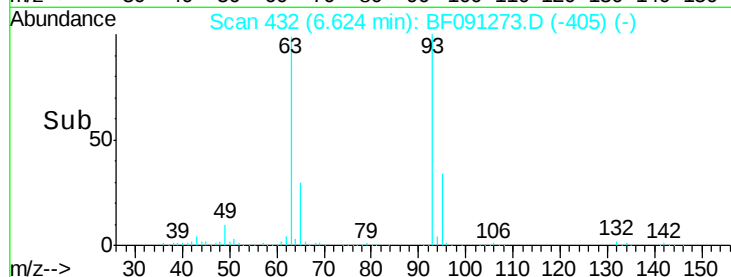
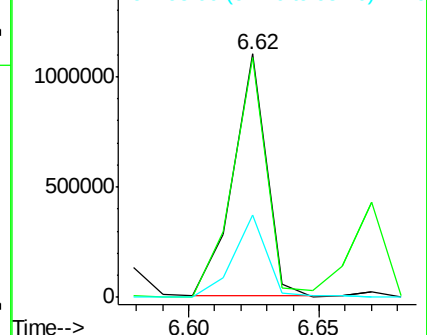
93 100

63 98.6 74.8 114.8

95 33.8 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 66.86 ng

RT: 7.06 min Scan# 470

Delta R.T. 0.24 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

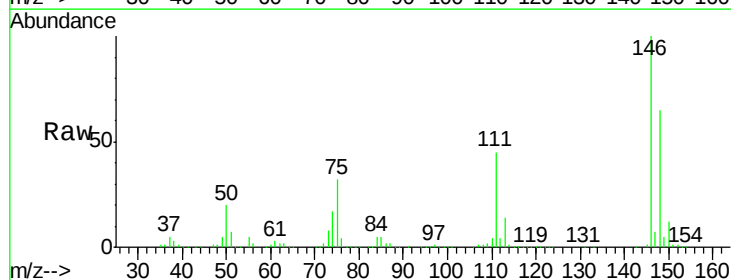
Tgt Ion: 146 Resp: 1112018

Ion Ratio Lower Upper

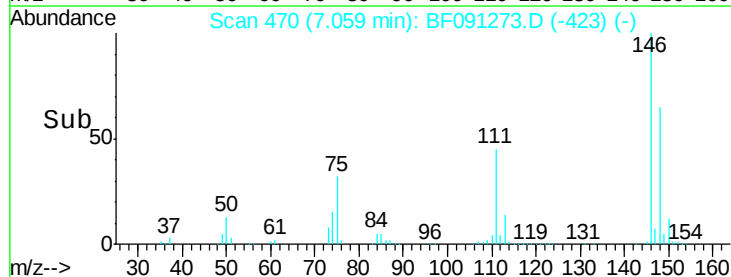
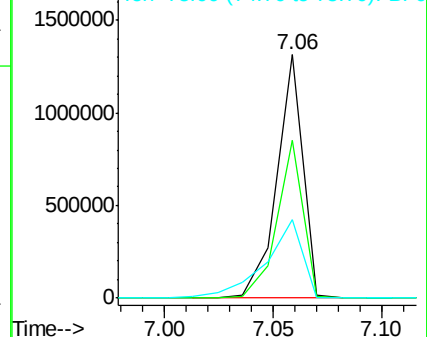
146 100

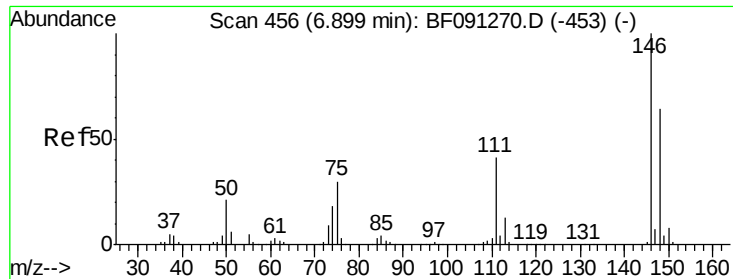
148 65.0 51.4 77.0

75 32.1 23.6 35.4



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

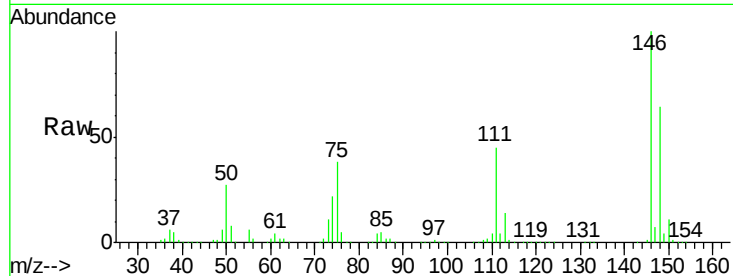




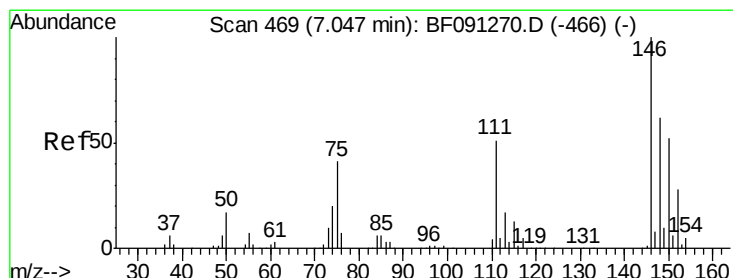
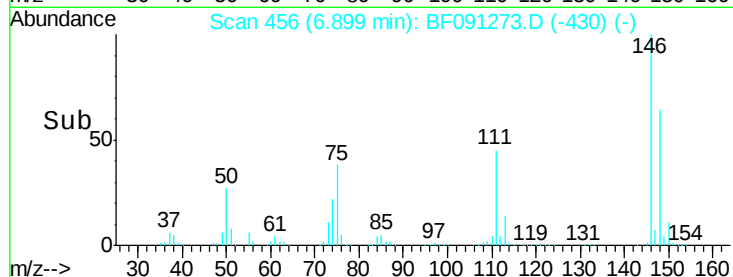
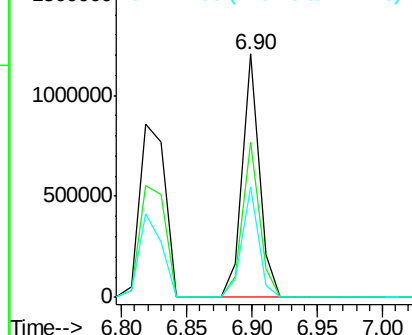
#13
 1,4-Dichlorobenzene
 Concen: 63.28 ng
 RT: 6.90 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF091273.D
 Acq: 23 Nov 2016 12:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 1089541
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.4 77.0
 111 45.3 32.2 48.2

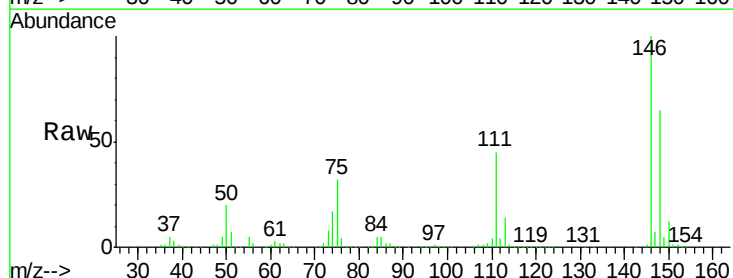


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

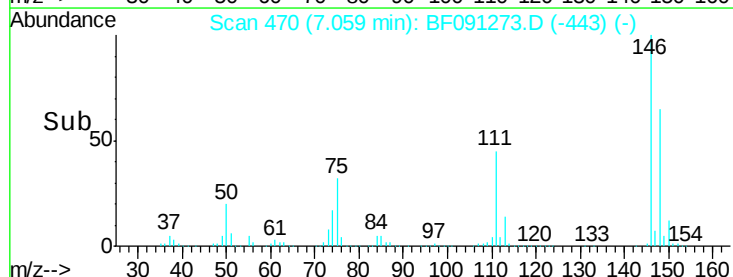
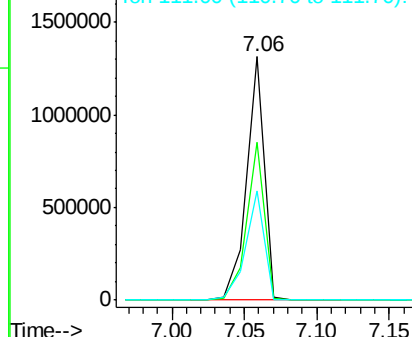


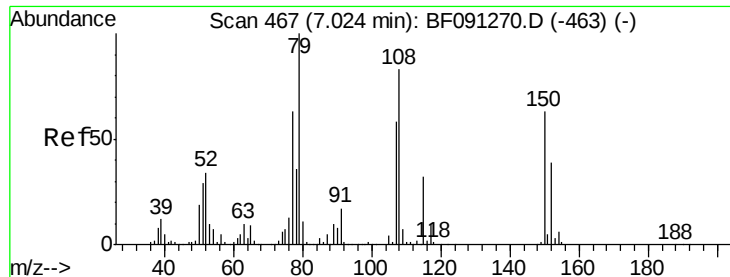
#14
 1,2-Dichlorobenzene
 Concen: 68.80 ng
 RT: 7.06 min Scan# 470
 Delta R.T. 0.01 min
 Lab File: BF091273.D
 Acq: 23 Nov 2016 12:13

Tgt Ion:146 Resp: 1112546
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.0 76.6
 111 44.9 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: 75.30 ng

RT: 7.02 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Instrument :

BNA_F

ClientSampled :

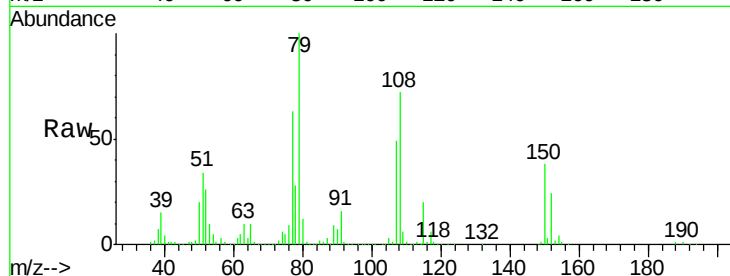
Tot Ion: 79 Resp: 1040947

Ion Ratio Lower Upper

79 100

108 72.1 62.7 94.1

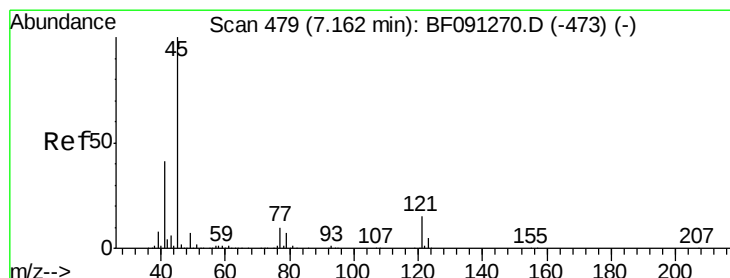
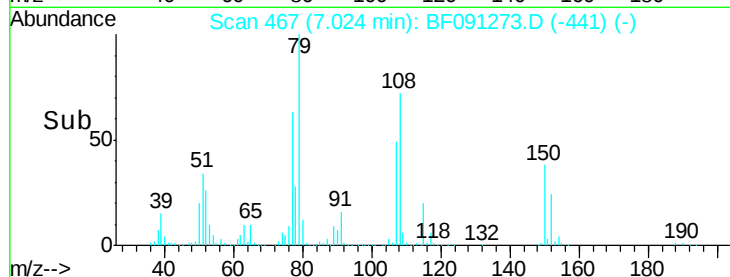
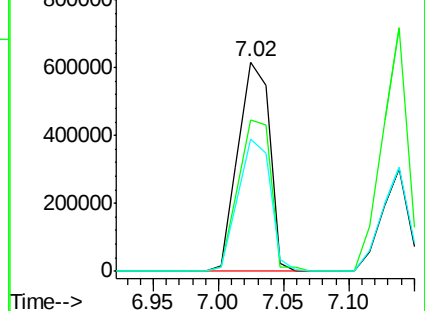
77 62.9 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 72.60 ng

RT: 7.16 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

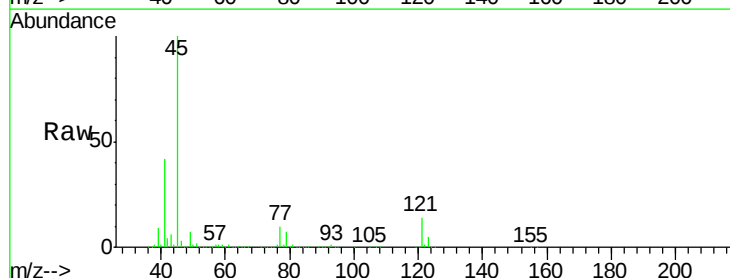
Tgt Ion: 45 Resp: 2335847

Ion Ratio Lower Upper

45 100

77 9.9 3.8 43.8

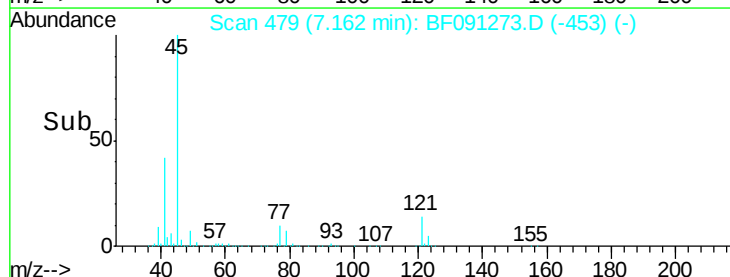
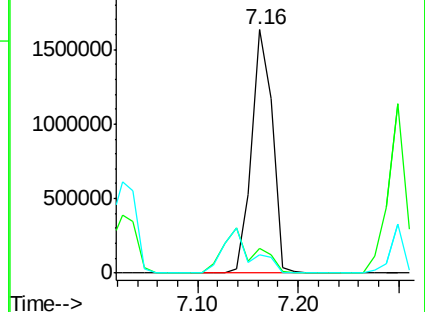
79 7.3 0.2 40.2

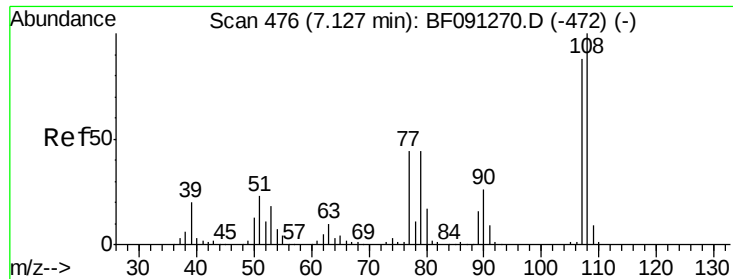


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

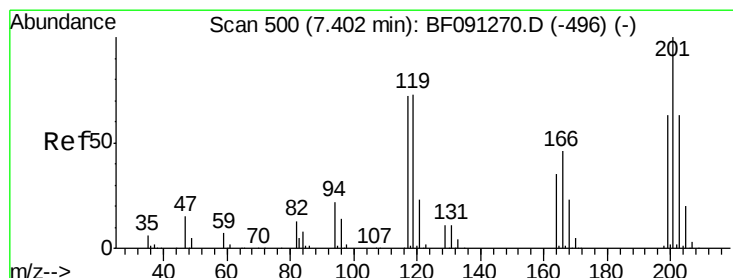
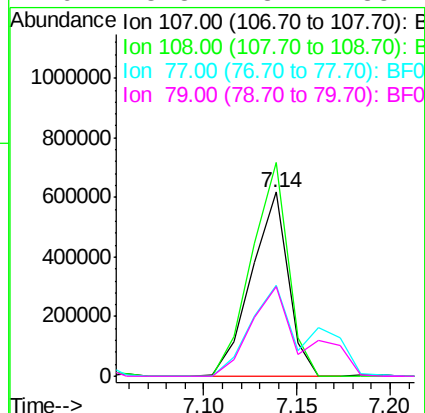
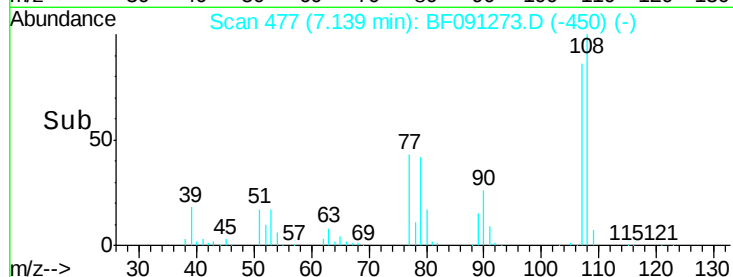
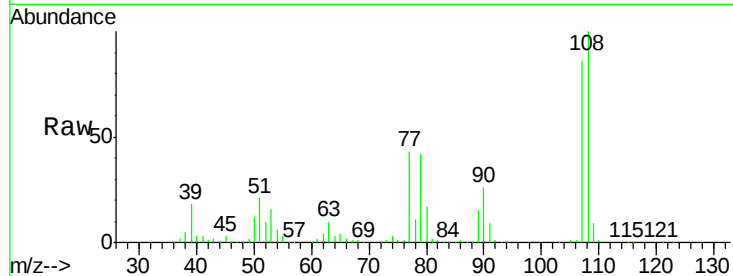




#17
2-Methylphenol
Concen: 70.03 ng
RT: 7.14 min Scan# 477
Delta R.T. 0.01 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

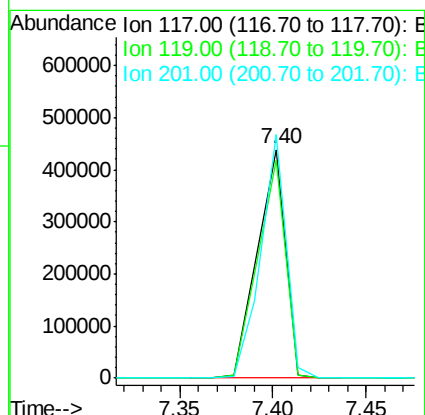
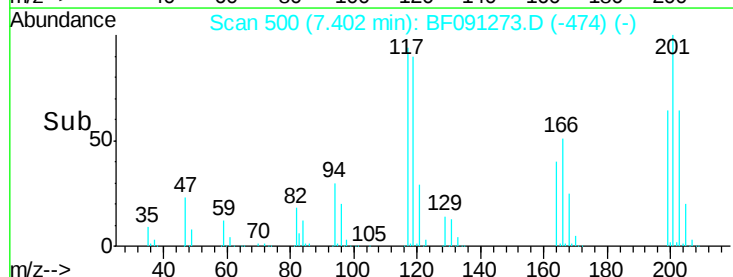
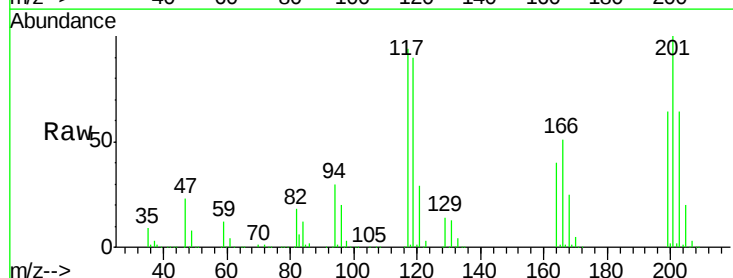
Instrument :
BNA_F
ClientSampleId :

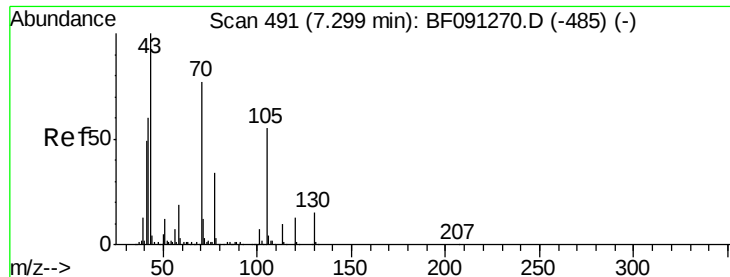
Tot Ion:107 Resp: 844364
Ion Ratio Lower Upper
107 100
108 116.1 67.7 101.5#
77 49.6 40.7 61.1
79 48.8 23.4 35.2#



#18
Hexachloroethane
Concen: 76.13 ng
RT: 7.40 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Tgt Ion:117 Resp: 455887
Ion Ratio Lower Upper
117 100
119 95.7 78.6 118.0
201 106.5 86.7 130.1

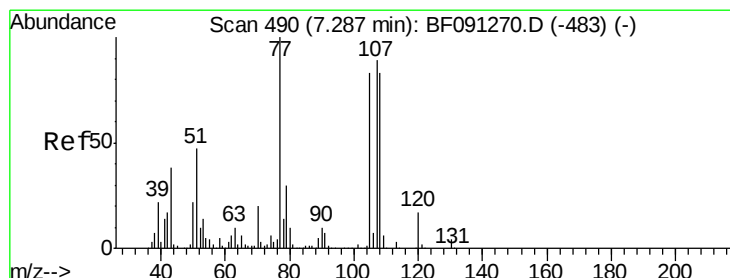
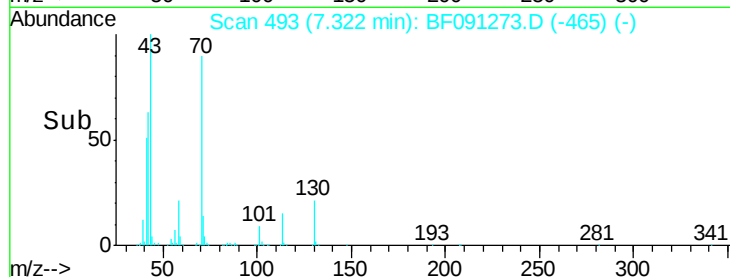
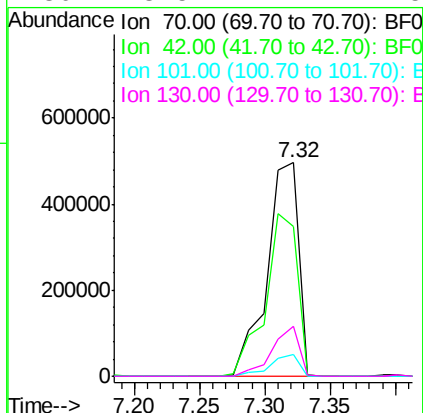
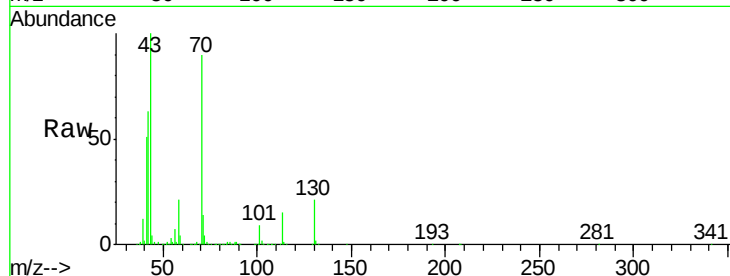




#19
n-Nitroso-di-n-propylamine
Concen: 76.10 ng
RT: 7.32 min Scan# 493
Delta R.T. 0.02 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

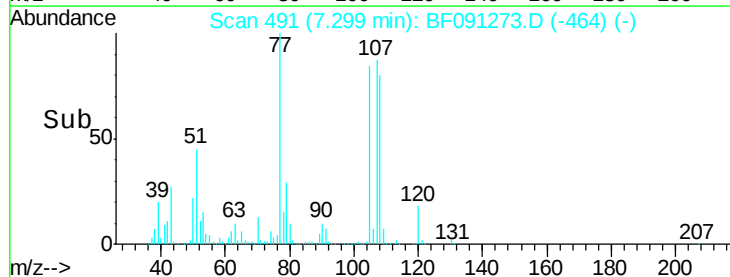
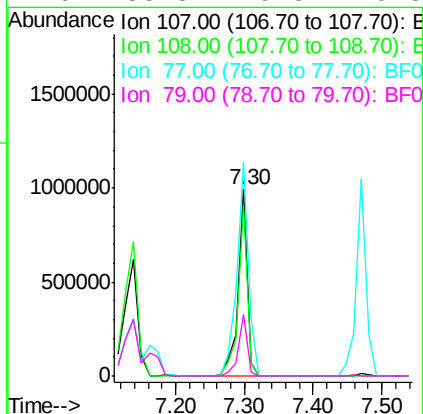
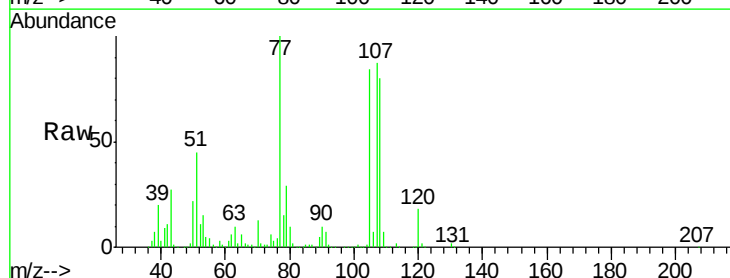
Instrument :
BNA_F
ClientSampleId :

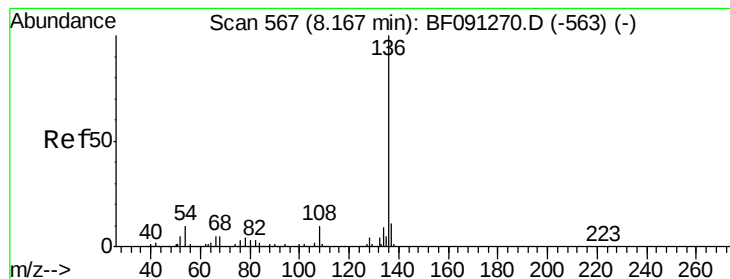
Tot Ion: 70 Resp: 848650
Ion Ratio Lower Upper
70 100
42 70.0 64.8 97.2
101 10.0 6.2 9.4#
130 23.5 11.7 17.5#



#20
3+4-Methylphenols
Concen: 63.18 ng
RT: 7.30 min Scan# 491
Delta R.T. 0.01 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Tgt Ion:107 Resp: 946981
Ion Ratio Lower Upper
107 100
108 91.3 64.6 104.6
77 114.4 30.9 70.9#
79 33.3 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 863076

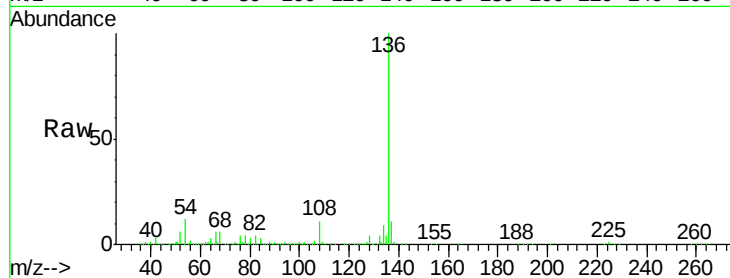
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 12.4 9.1 13.7

68 6.2 5.9 8.9

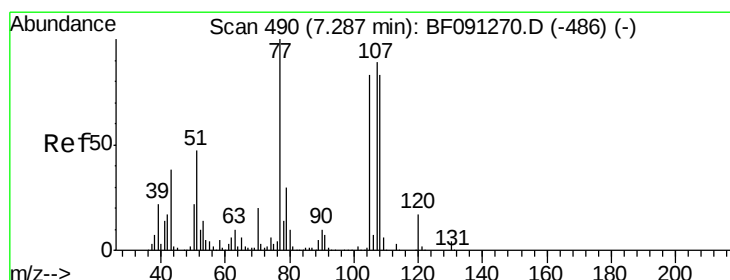
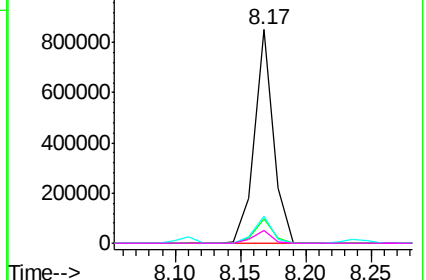
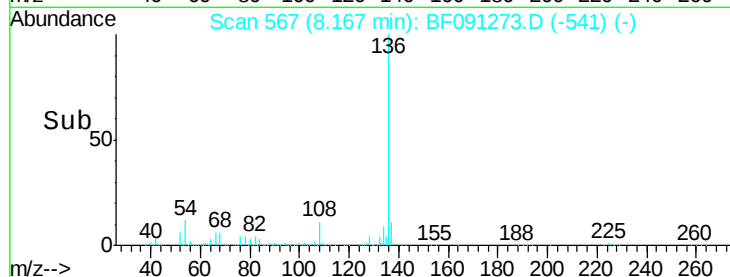


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.36 ng

RT: 7.30 min Scan# 491

Delta R.T. 0.01 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Tgt Ion:105 Resp: 1342201

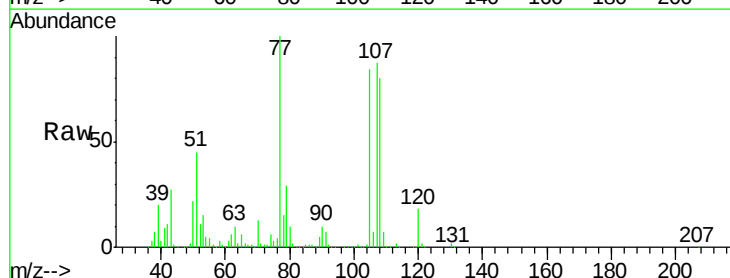
Ion Ratio Lower Upper

105 100

71 2.5 7.9 11.9#

51 53.6 24.5 36.7#

120 21.5 16.6 24.8

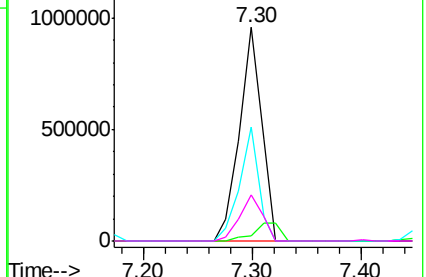
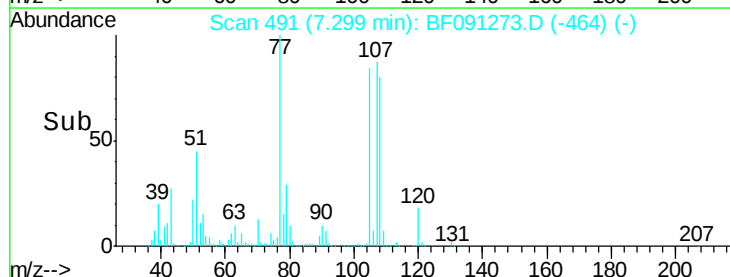


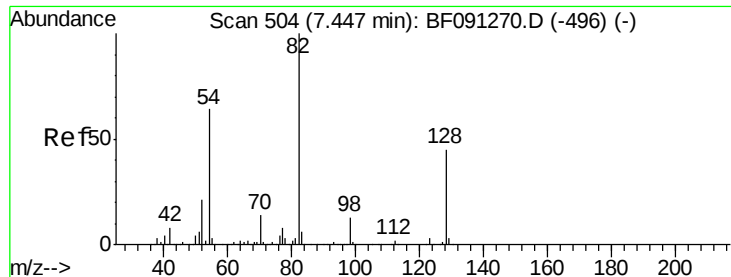
Abundance Ion 105.00 (104.70 to 105.70): E

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: 81.57 ng

RT: 7.46 min Scan# 505

Delta R.T. 0.01 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Instrument :

BNA_F

ClientSampleId :

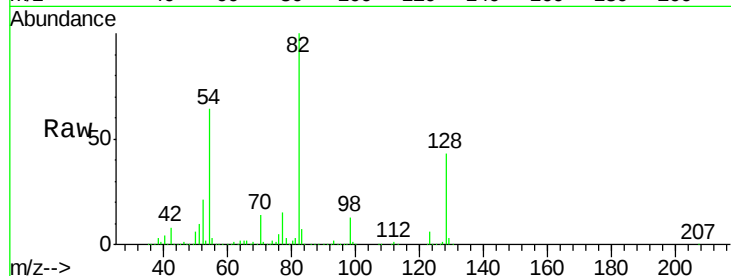
Tot Ion: 82 Resp: 2438846

Ion Ratio Lower Upper

82 100

128 43.1 31.8 47.6

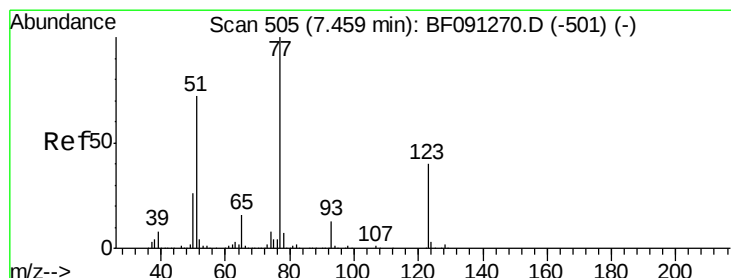
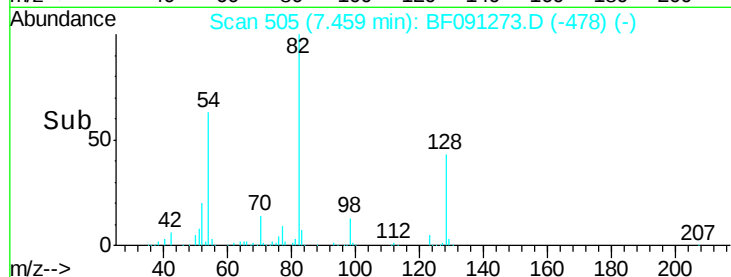
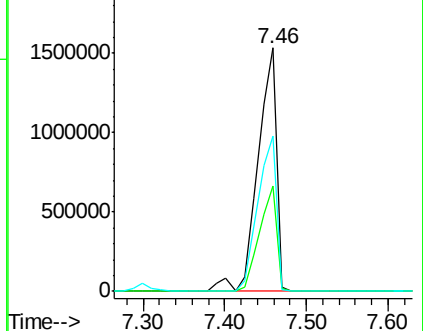
54 63.6 49.1 73.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 65.38 ng

RT: 7.47 min Scan# 506

Delta R.T. 0.01 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

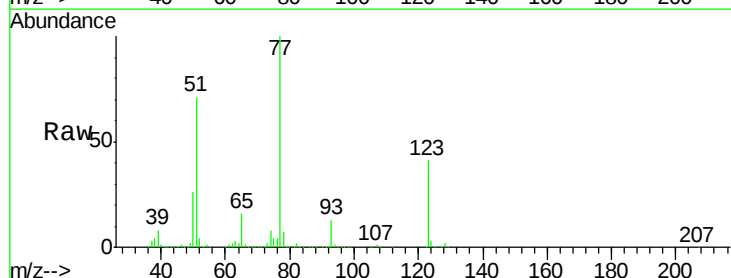
Tgt Ion: 77 Resp: 1064835

Ion Ratio Lower Upper

77 100

123 41.2 28.5 42.7

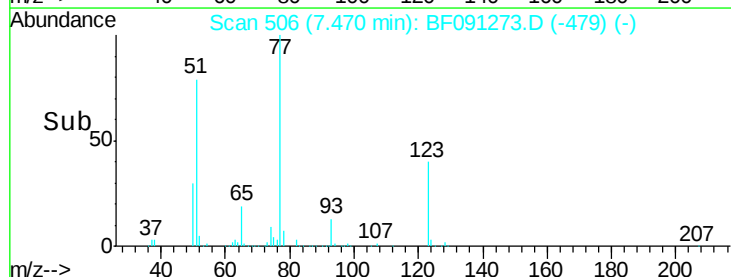
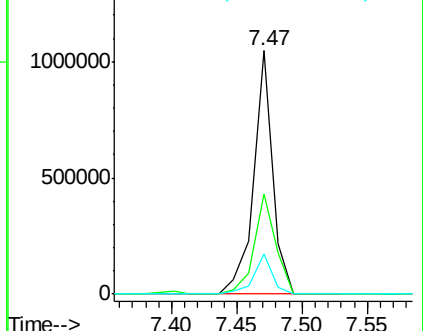
65 16.3 12.5 18.7

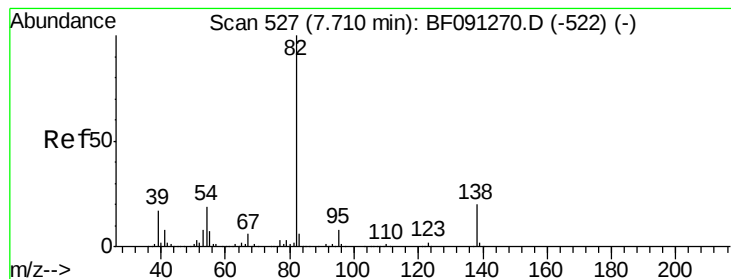


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 76.72 ng

RT: 7.72 min Scan# 528

Delta R.T. 0.01 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Instrument :

BNA_F

ClientSampleId :

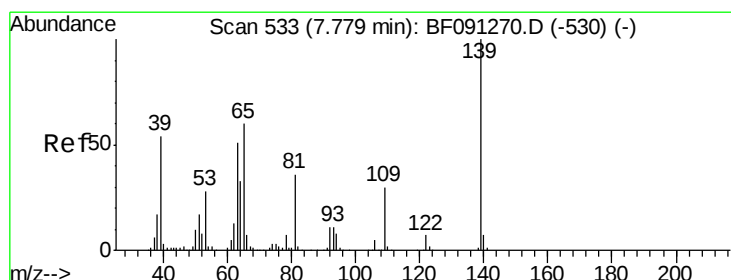
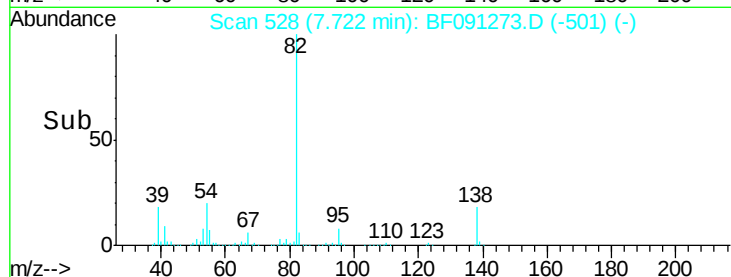
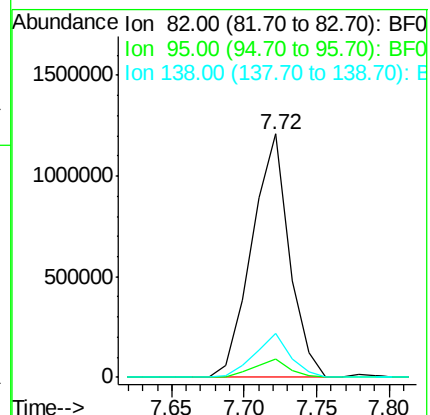
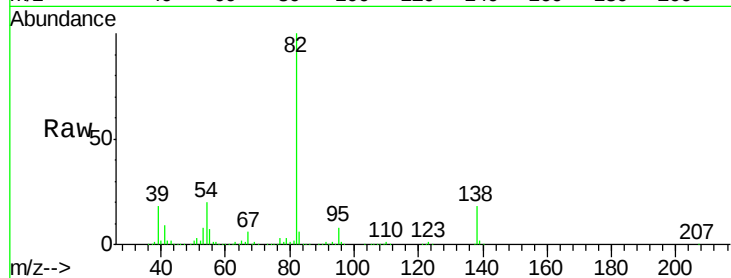
Tot Ion: 82 Resp: 2161258

Ion Ratio Lower Upper

82 100

95 7.6 5.7 8.5

138 18.1 13.4 20.0



#26

2-Nitrophenol

Concen: 91.07 ng

RT: 7.79 min Scan# 534

Delta R.T. 0.01 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

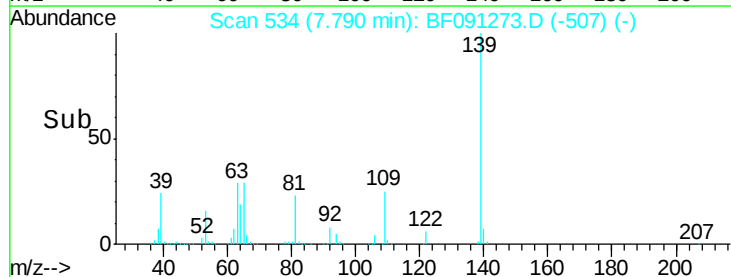
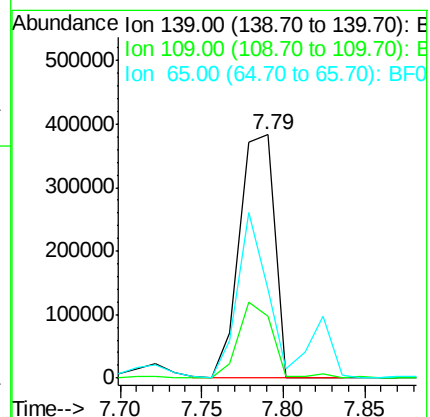
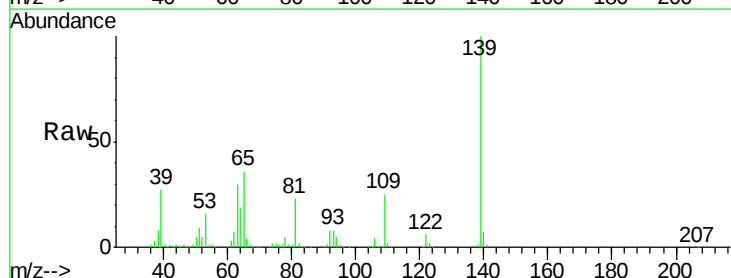
Tgt Ion: 139 Resp: 568184

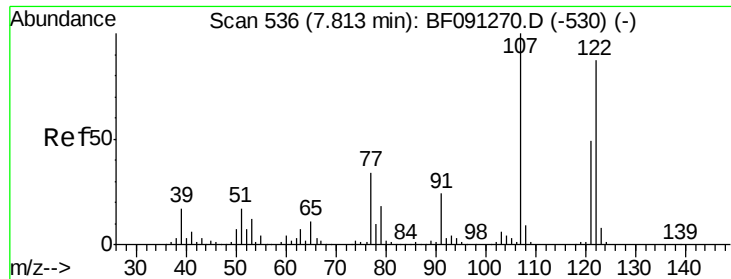
Ion Ratio Lower Upper

139 100

109 25.3 25.3 37.9#

65 36.4 55.4 83.2#

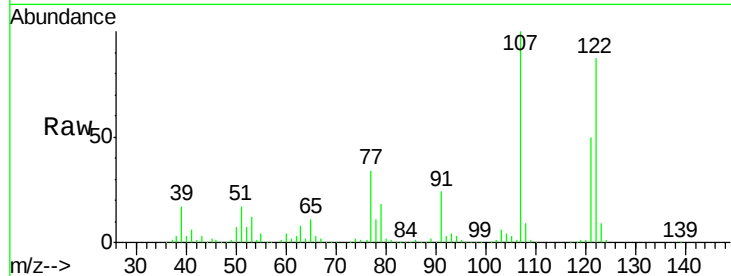




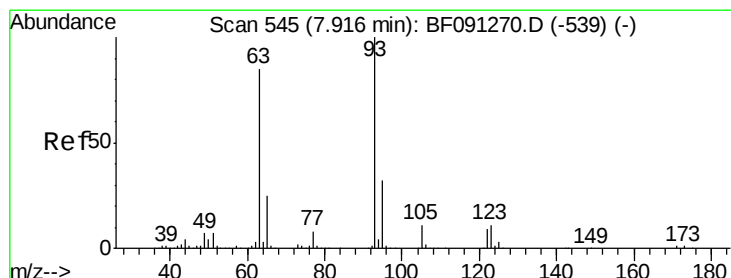
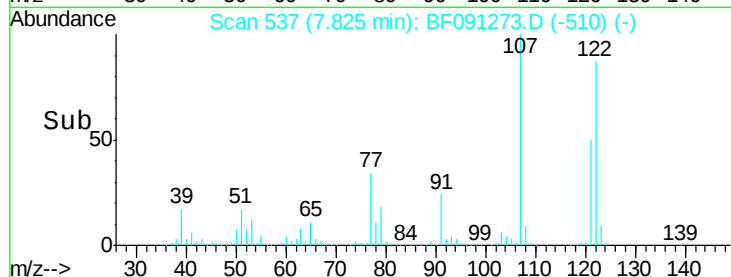
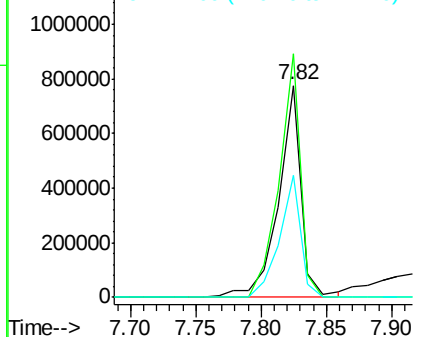
#27
2,4-Dimethylphenol
Concen: 69.72 ng
RT: 7.82 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 948365
Ion Ratio Lower Upper
122 100
107 114.9 96.8 145.2
121 57.7 47.7 71.5

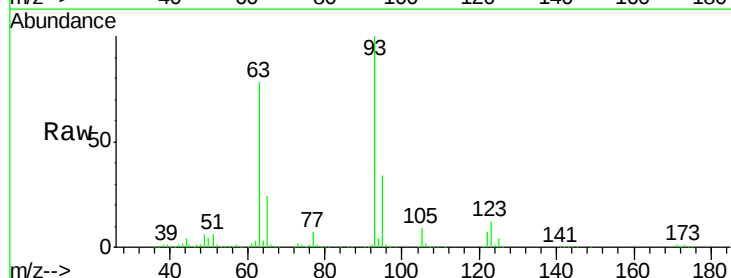


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

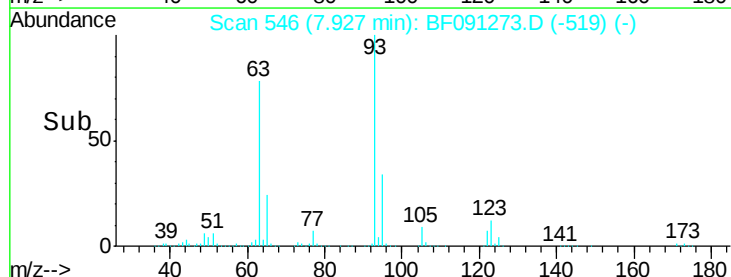
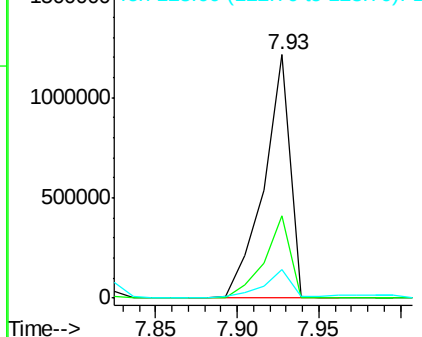


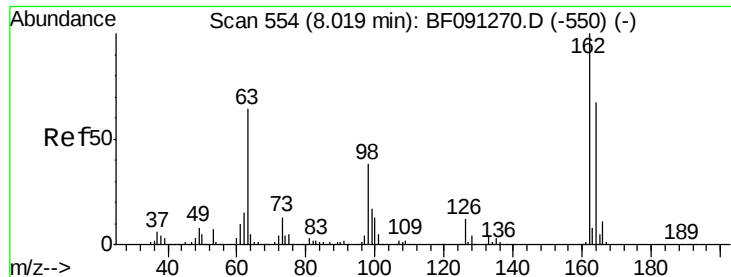
#28
bis(2-Chloroethoxy)methane
Concen: 81.34 ng
RT: 7.93 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Tgt Ion: 93 Resp: 1353093
Ion Ratio Lower Upper
93 100
95 33.6 26.0 39.0
123 11.8 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

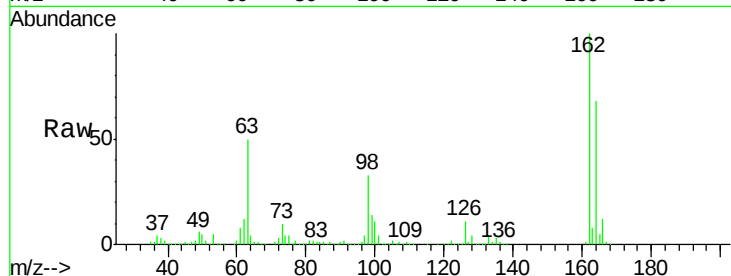




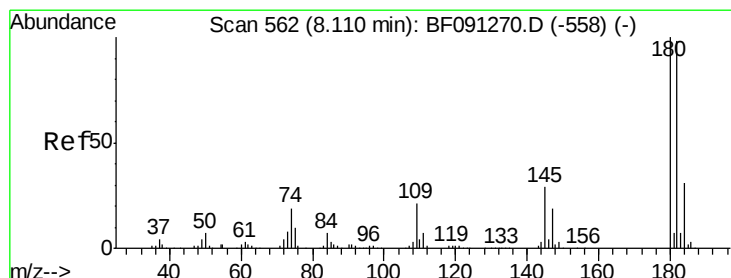
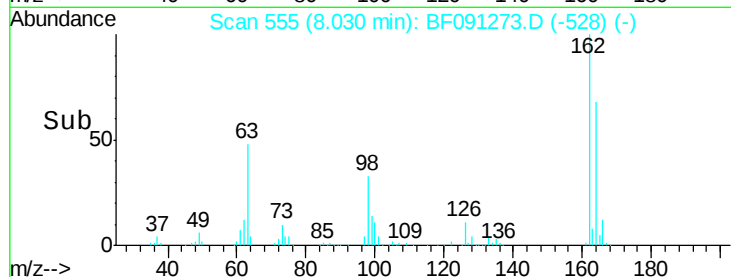
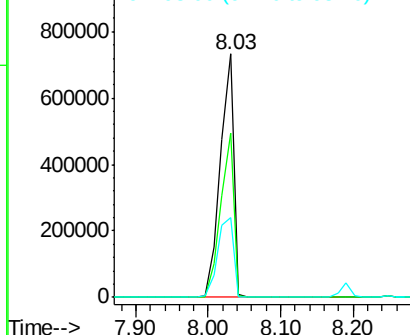
#29
2,4-Dichlorophenol
Concen: 80.36 ng
RT: 8.03 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 947485
Ion Ratio Lower Upper
162 100
164 67.6 45.0 85.0
98 32.8 21.3 61.3

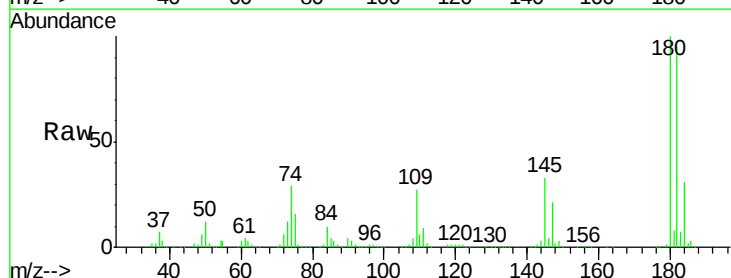


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

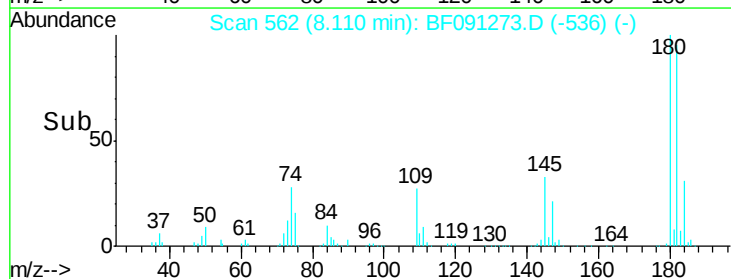
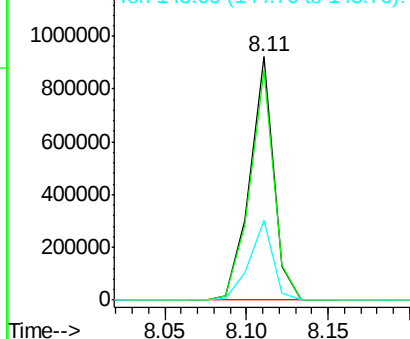


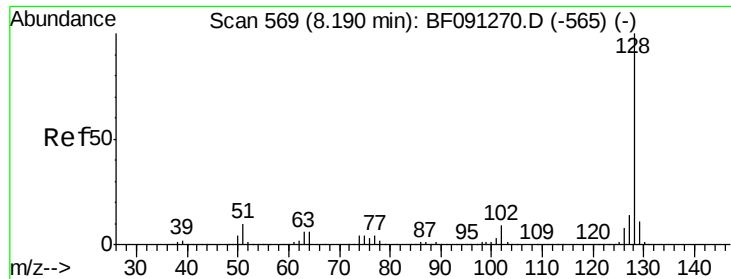
#30
1,2,4-Trichlorobenzene
Concen: 67.58 ng
RT: 8.11 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Tgt Ion:180 Resp: 939358
Ion Ratio Lower Upper
180 100
182 94.5 75.8 113.8
145 32.7 27.0 40.4



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

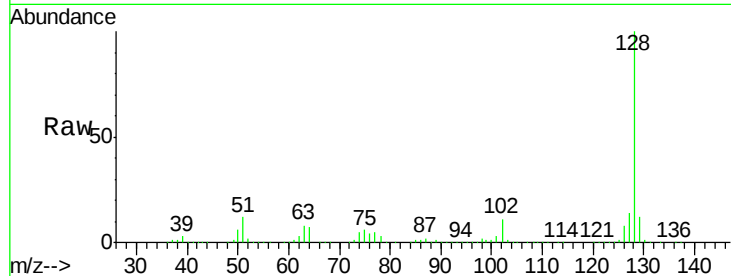




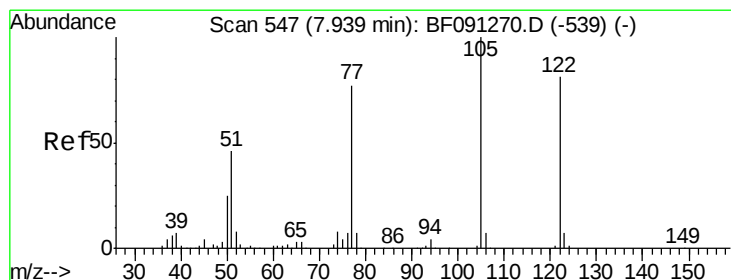
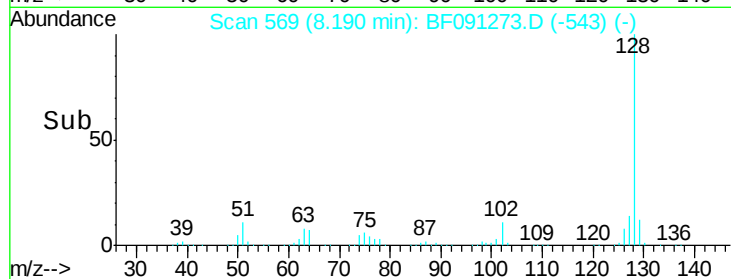
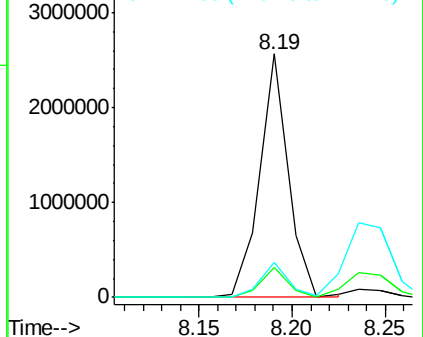
#31
Naphthalene
Concen: 63.37 ng
RT: 8.19 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2711424
Ion Ratio Lower Upper
128 100
129 12.1 9.1 13.7
127 14.1 11.0 16.4

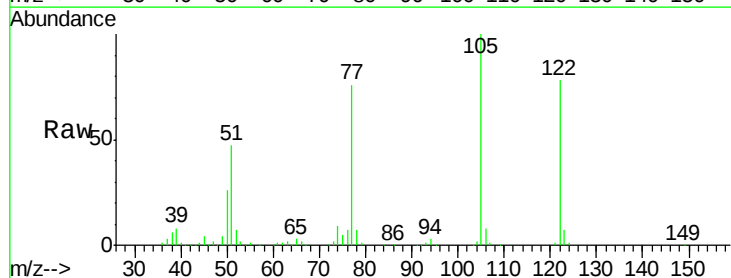


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

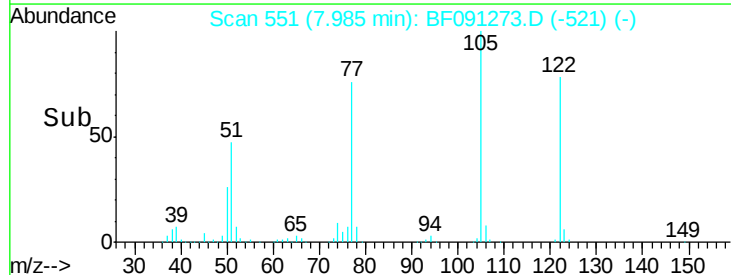
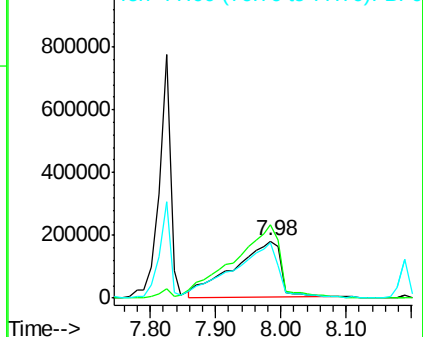


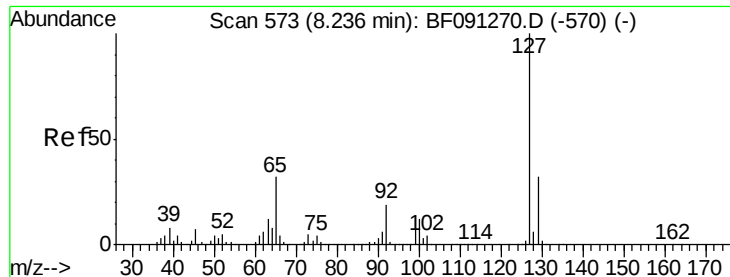
#32
Benzoic acid
Concen: 93.95 ng
RT: 7.98 min Scan# 551
Delta R.T. 0.05 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Tgt Ion:122 Resp: 901574
Ion Ratio Lower Upper
122 100
105 128.0 113.0 153.0
77 97.9 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

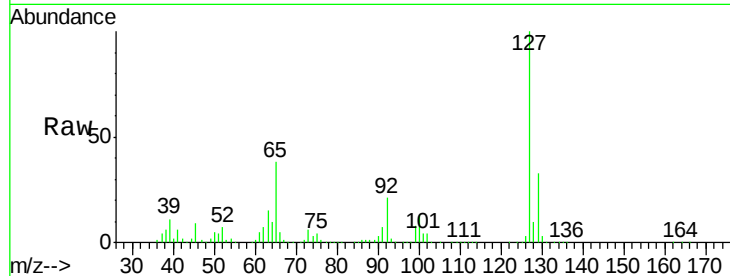




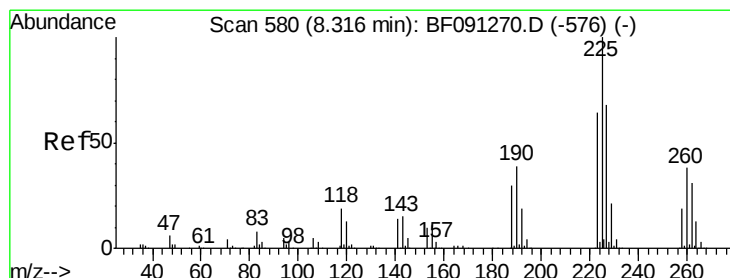
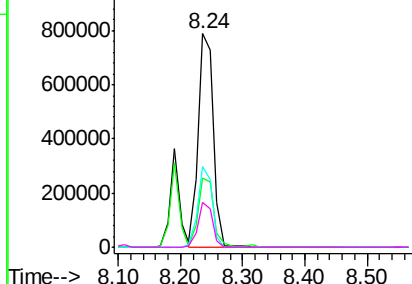
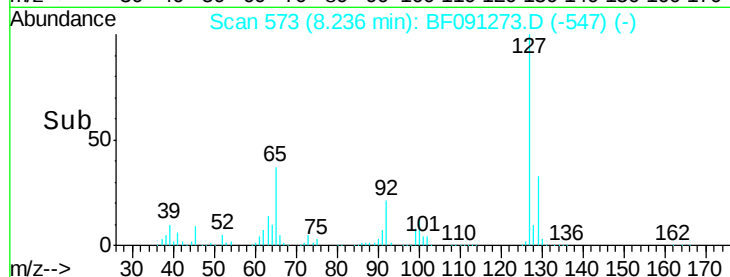
#33
4-Chloroaniline
Concen: 73.57 ng
RT: 8.24 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	1344232
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	37.9	26.6	39.8
92	20.9	15.4	23.0

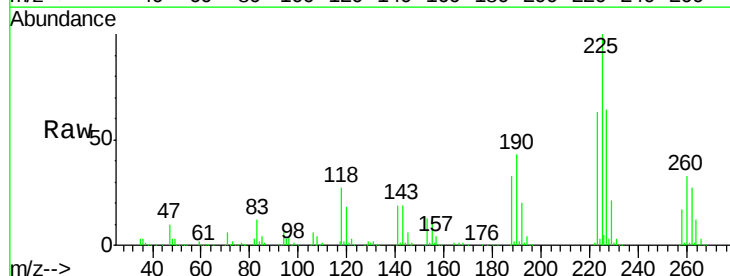


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

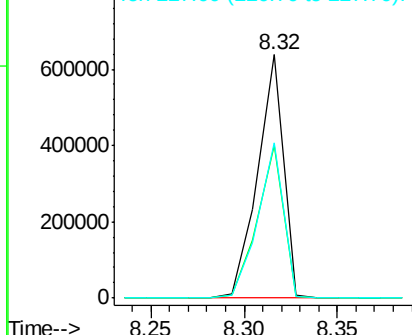
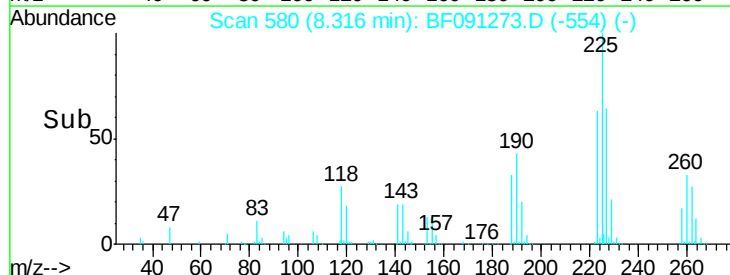


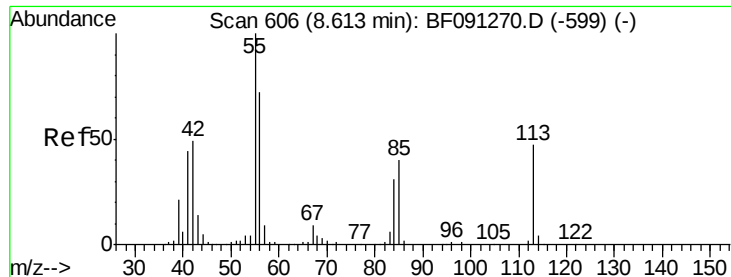
#34
Hexachlorobutadiene
Concen: 75.11 ng
RT: 8.32 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Tgt Ion:	225	Resp:	608897
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.6
227	63.9	52.6	79.0



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





#35

Caprolactam

Concen: 80.52 ng

RT: 8.65 min Scan# 609

Delta R.T. 0.03 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Instrument :

BNA_F

ClientSampled :

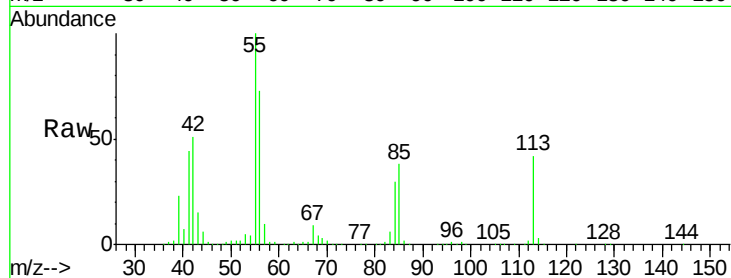
Tot Ion:113 Resp: 292641

Ion Ratio Lower Upper

113 100

55 239.5 239.8 279.8#

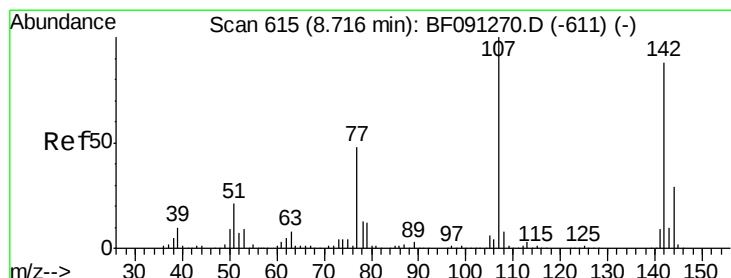
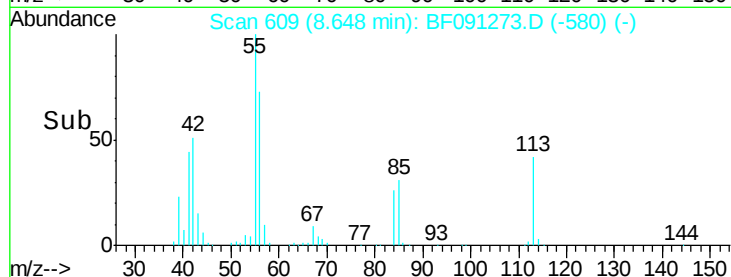
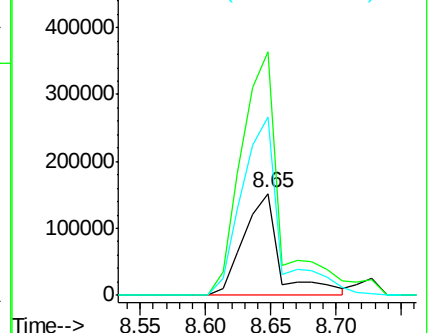
56 175.3 165.6 205.6



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: 81.51 ng

RT: 8.73 min Scan# 616

Delta R.T. 0.01 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

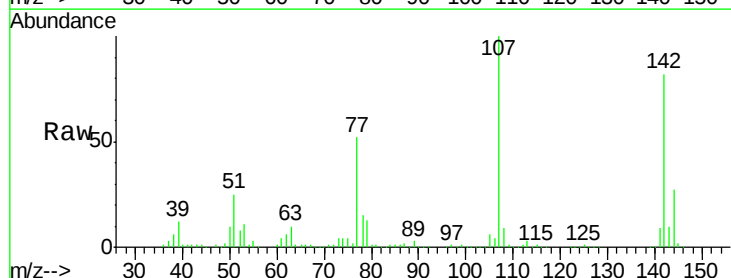
Tgt Ion:107 Resp: 1030892

Ion Ratio Lower Upper

107 100

144 27.3 18.9 28.3

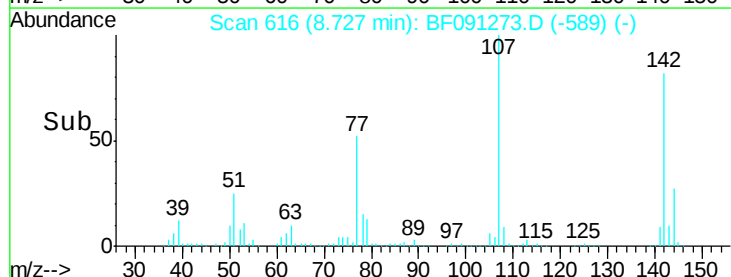
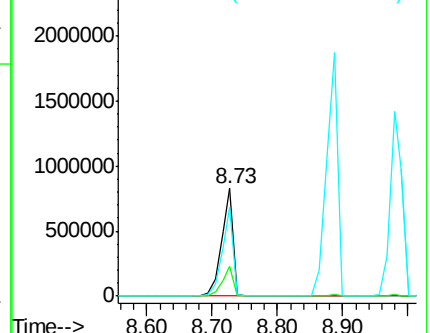
142 81.9 58.5 87.7

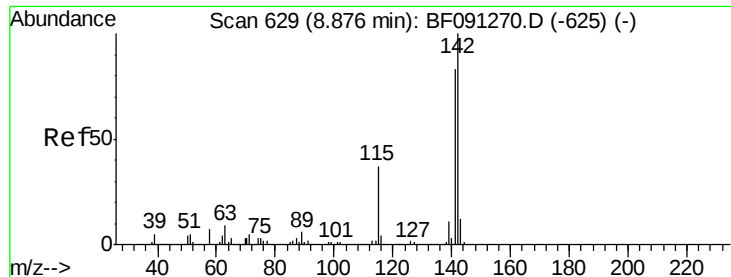


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

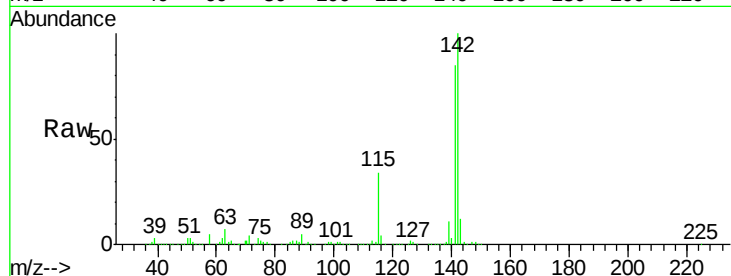




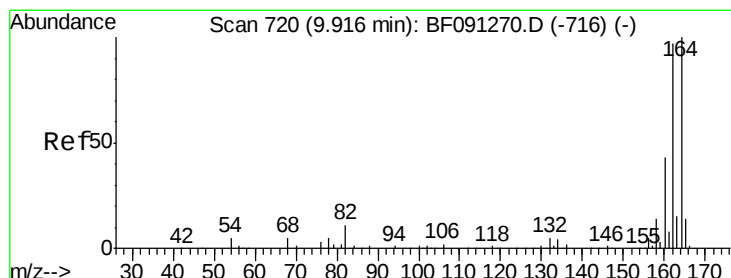
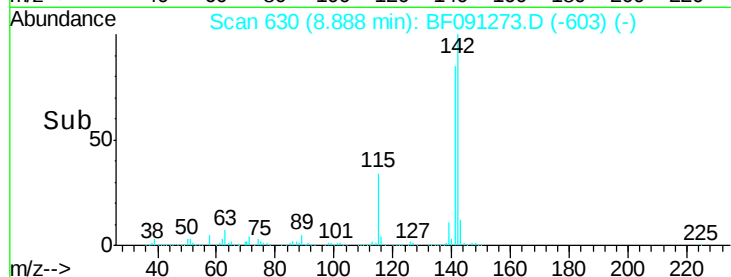
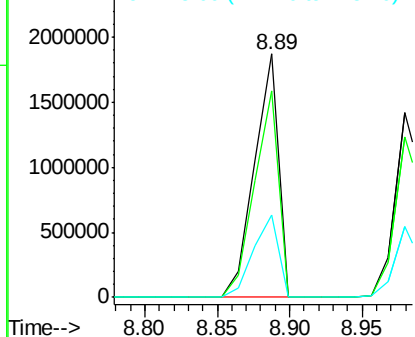
#37
2-Methylnaphthalene
Concen: 75.11 ng
RT: 8.89 min Scan# 630
Delta R.T. 0.01 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 2159218
Ion Ratio Lower Upper
142 100
141 85.0 71.7 107.5
115 33.6 25.0 37.6

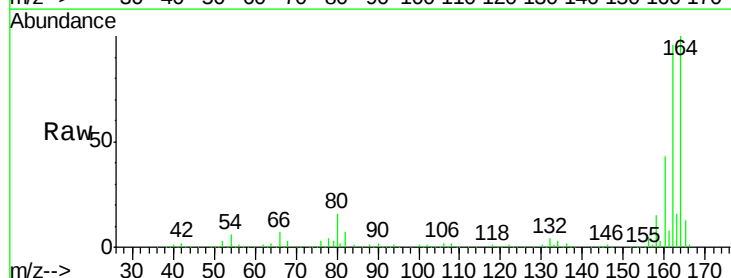


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

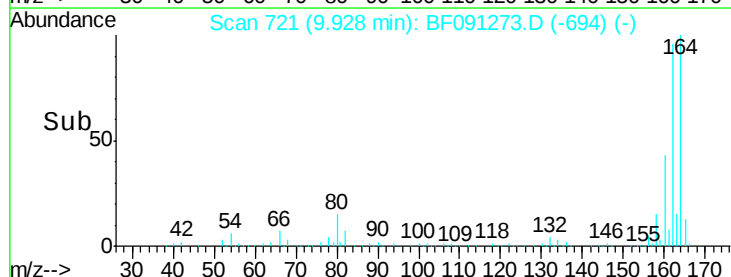
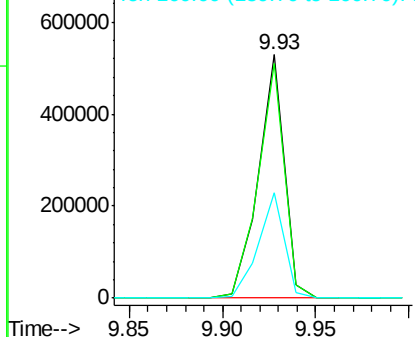


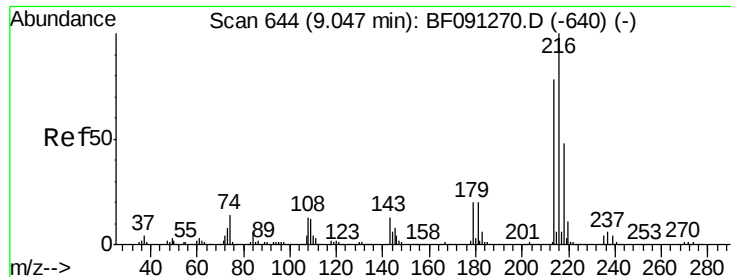
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Tgt Ion:164 Resp: 506486
Ion Ratio Lower Upper
164 100
162 96.2 82.6 124.0
160 43.2 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

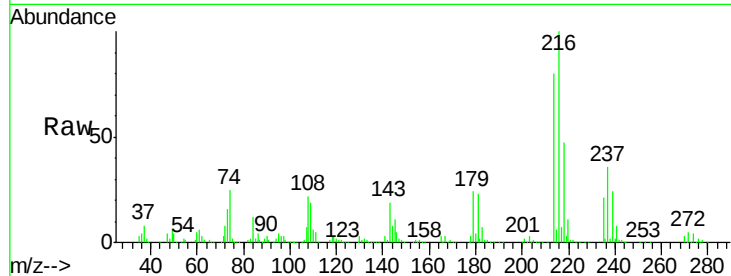




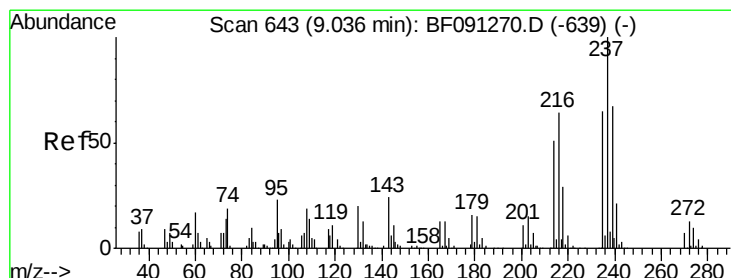
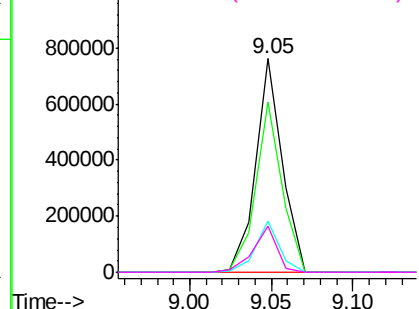
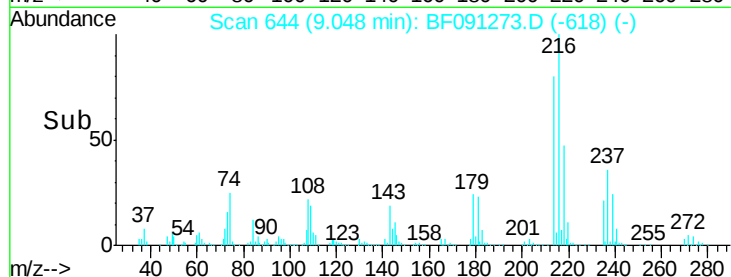
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 60.44 ng
 RT: 9.05 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF091273.D
 Acq: 23 Nov 2016 12:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	859564
Ion Ratio	Lower	Upper
216	100	
214	78.5	63.8 95.8
179	21.3	18.2 27.2
108	19.1	17.2 25.8

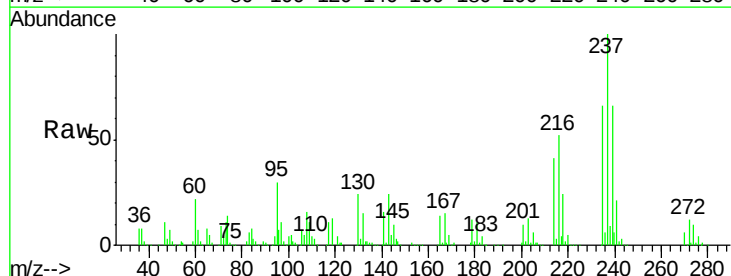


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

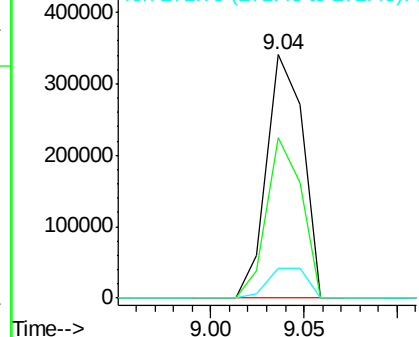
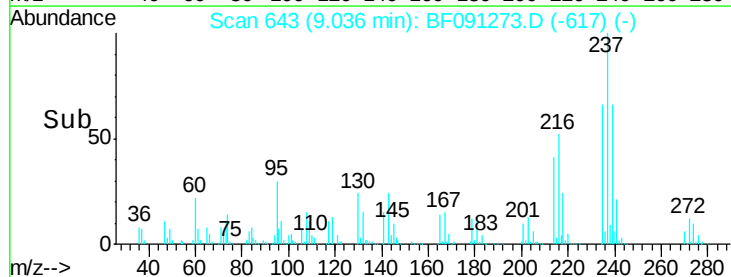


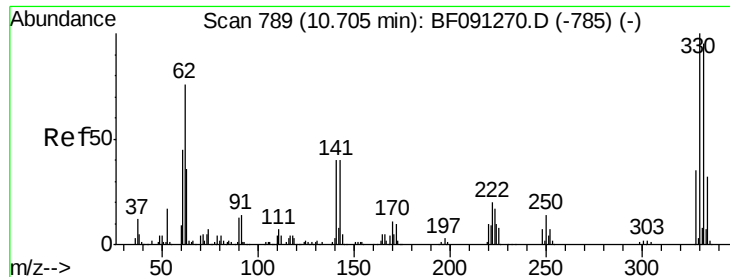
#40
 Hexachlorocyclopentadiene
 Concen: 74.31 ng
 RT: 9.04 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF091273.D
 Acq: 23 Nov 2016 12:13

Tgt Ion:237	Resp:	461261
Ion Ratio	Lower	Upper
237	100	
235	65.7	43.9 83.9
272	12.2	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

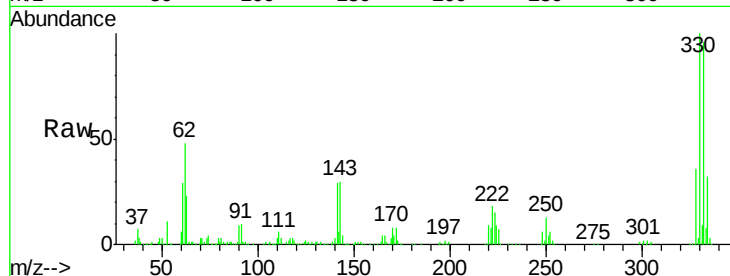




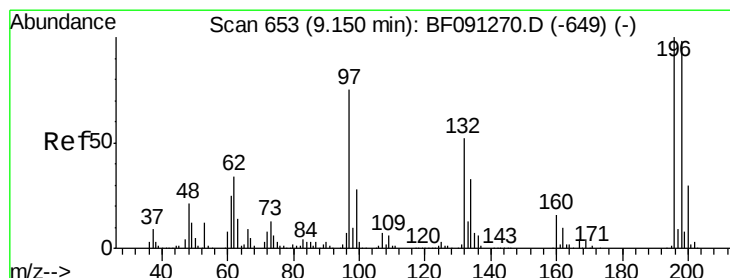
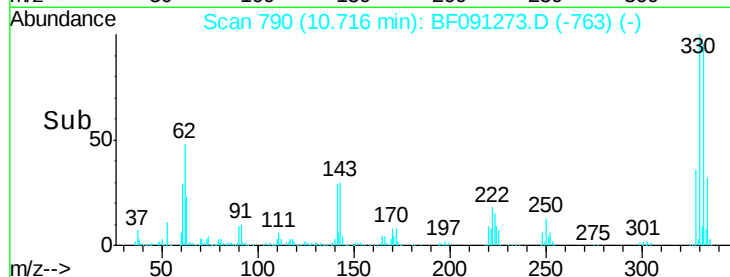
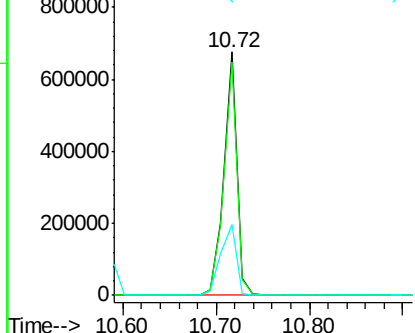
#41
 2,4,6-Tribromophenol
 Concen: 61.59 ng
 RT: 10.72 min Scan# 790
 Delta R.T. 0.01 min
 Lab File: BF091273.D
 Acq: 23 Nov 2016 12:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 650565
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.2 114.4
 141 34.7 33.6 50.4

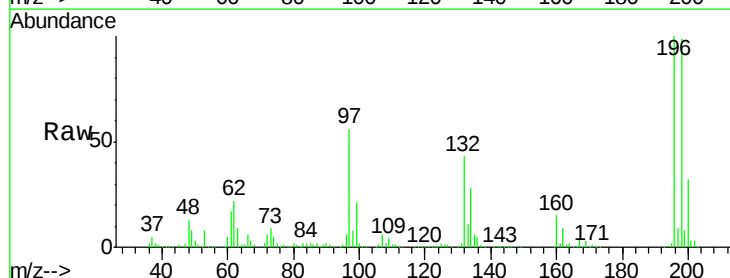


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

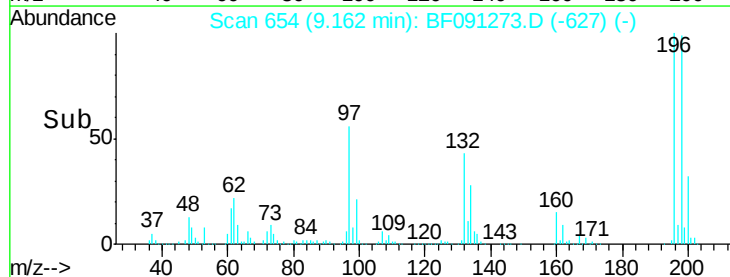
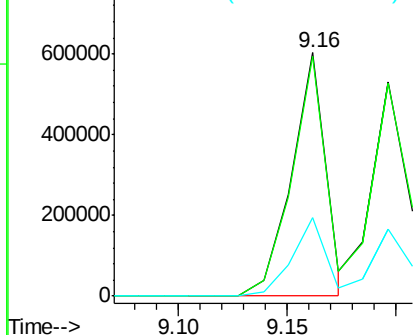


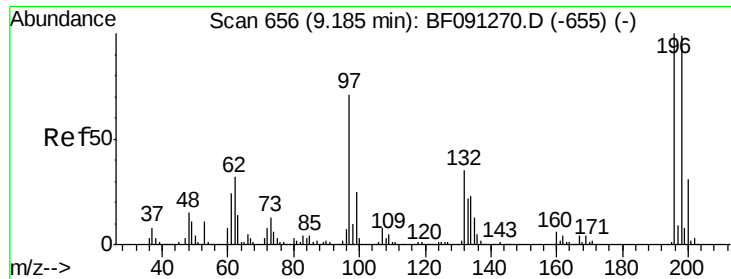
#42
 2,4,6-Trichlorophenol
 Concen: 67.69 ng
 RT: 9.16 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: BF091273.D
 Acq: 23 Nov 2016 12:13

Tgt Ion:196 Resp: 655165
 Ion Ratio Lower Upper
 196 100
 198 98.6 77.4 116.0
 200 32.5 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

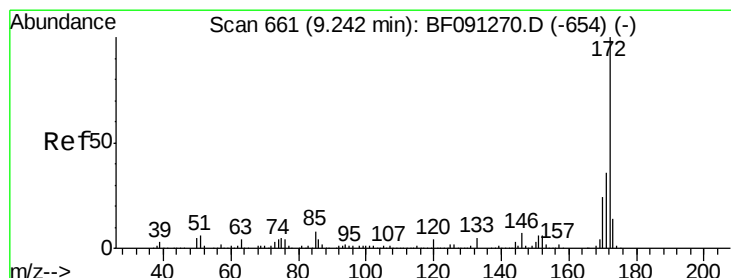
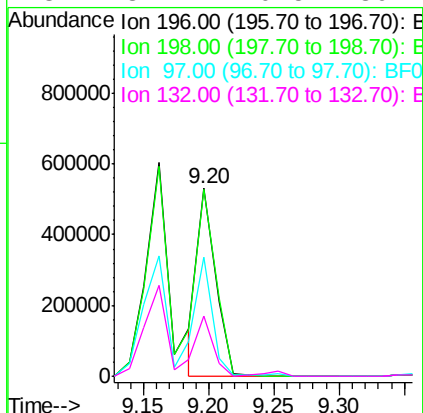
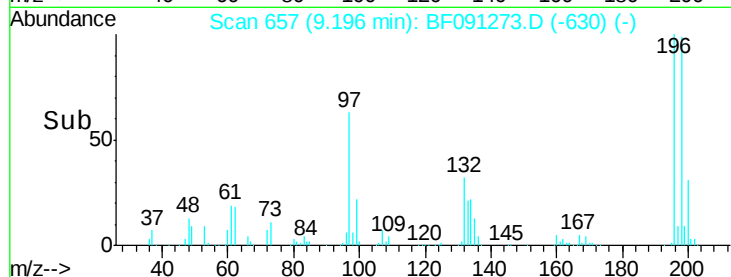
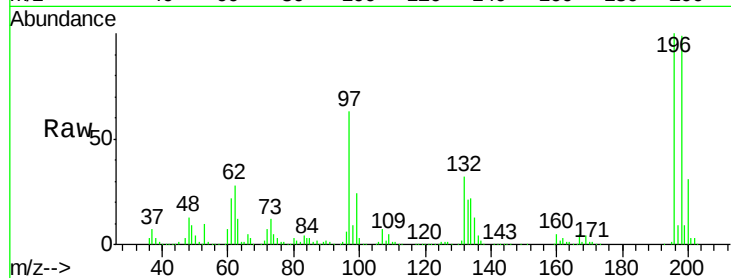




#43
 2,4,5-Trichlorophenol
 Concen: 55.24 ng
 RT: 9.20 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: BF091273.D
 Acq: 23 Nov 2016 12:13

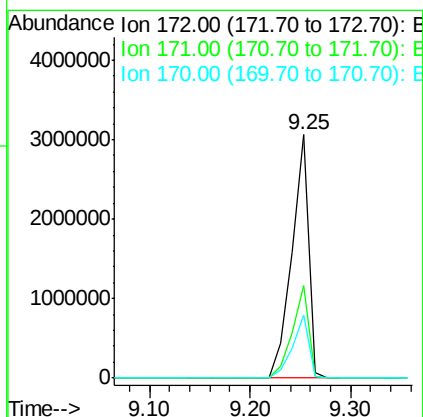
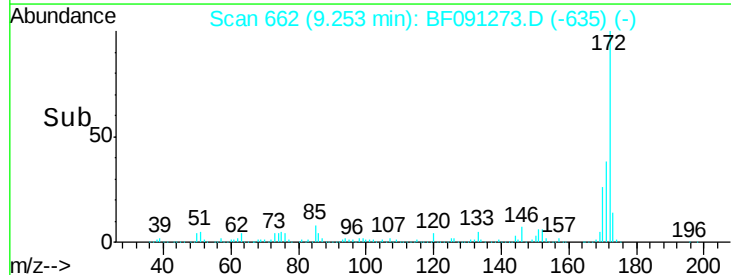
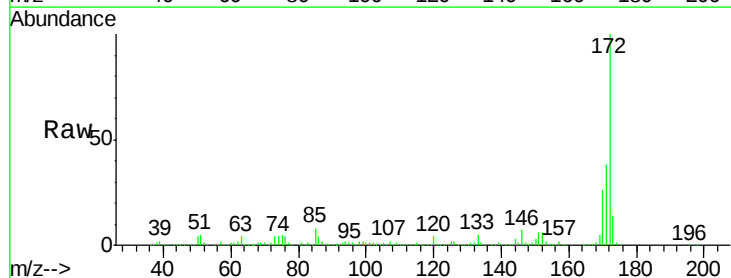
Instrument :
 BNA_F
 ClientSampleId :

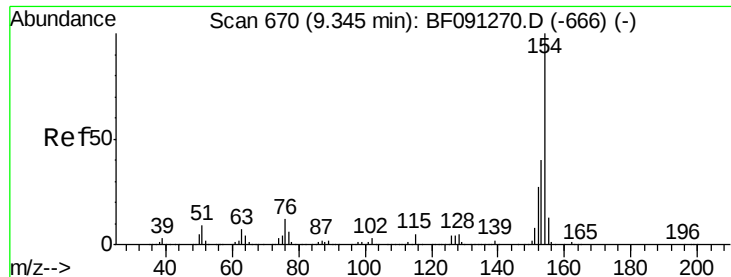
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.2	77.0	115.6
97	63.3	33.5	50.3#
132	32.2	20.5	30.7#



#44
 2-Fluorobiphenyl
 Concen: 57.42 ng
 RT: 9.25 min Scan# 662
 Delta R.T. 0.01 min
 Lab File: BF091273.D
 Acq: 23 Nov 2016 12:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.4	44.0
170	26.1	19.7	29.5





#45

1,1'-Biphenyl

Concen: 71.08 ng

RT: 9.36 min Scan# 671

Delta R.T. 0.01 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Instrument :

BNA_F

ClientSampleId :

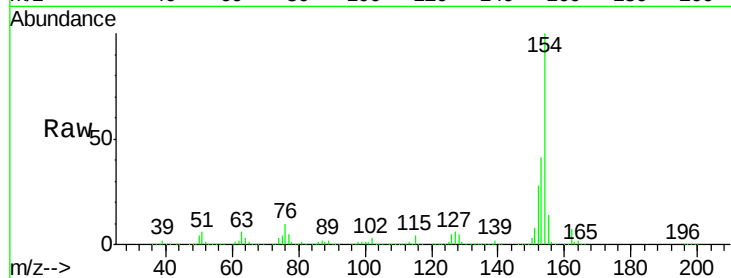
Tot Ion:154 Resp: 2637585

Ion Ratio Lower Upper

154 100

153 41.4 20.6 60.6

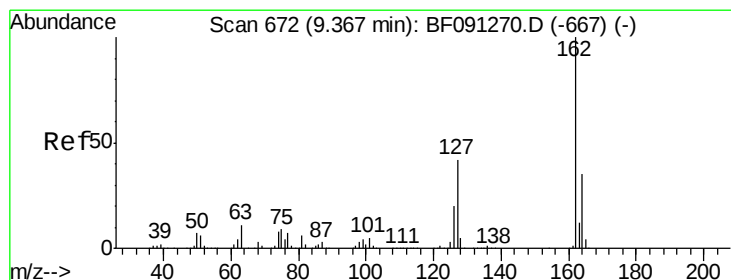
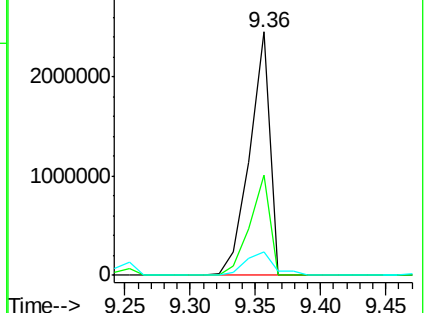
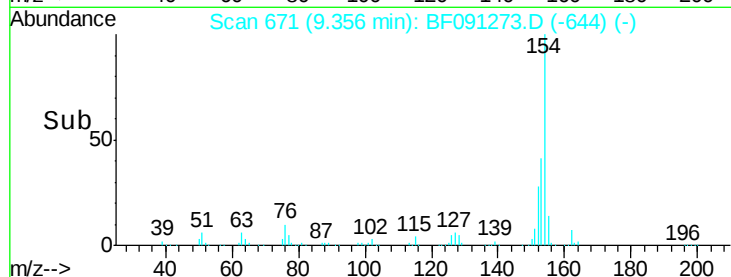
76 9.8 0.0 36.6



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: 71.05 ng

RT: 9.38 min Scan# 673

Delta R.T. 0.01 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

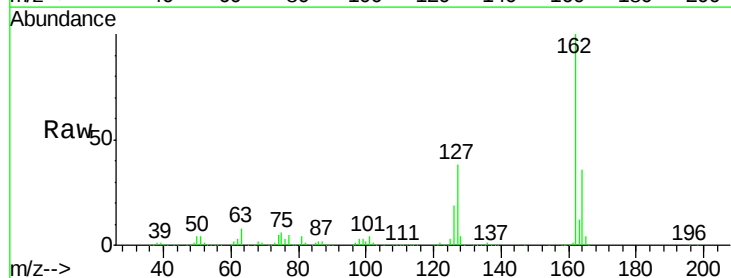
Tgt Ion:162 Resp: 1931190

Ion Ratio Lower Upper

162 100

127 38.4 34.3 51.5

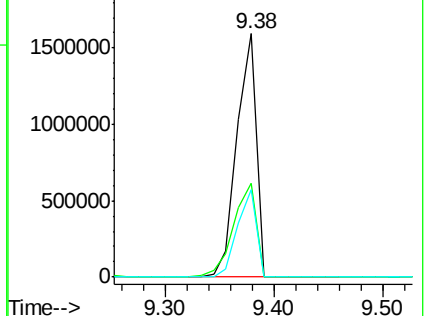
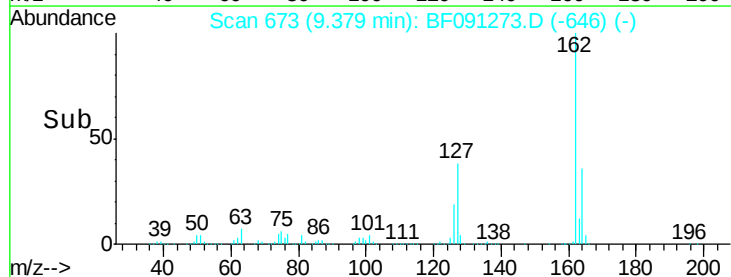
164 35.7 26.6 40.0

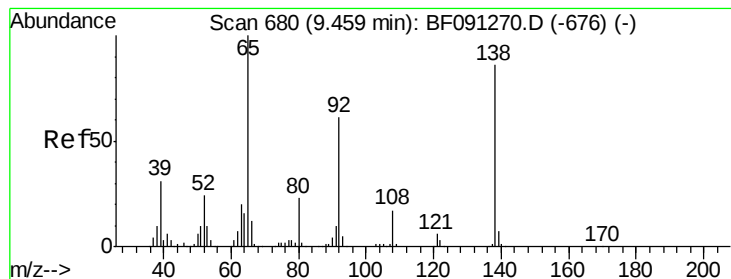


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 90.27 ng

RT: 9.47 min Scan# 681

Delta R.T. 0.01 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Instrument :

BNA_F

ClientSampleId :

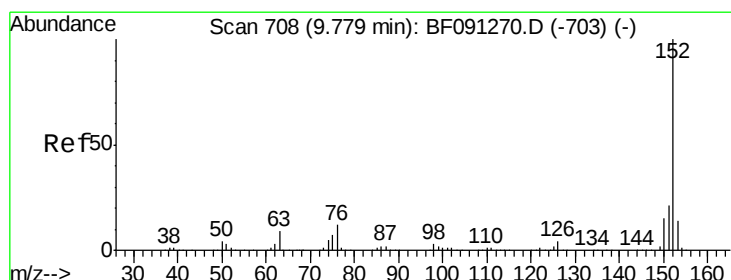
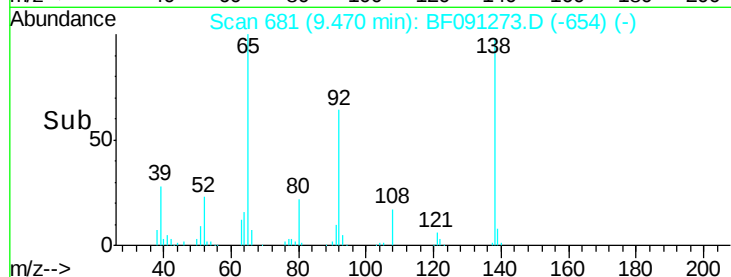
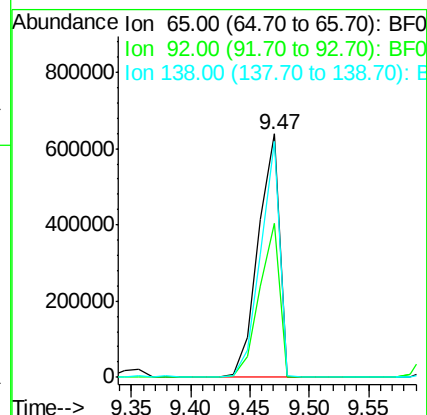
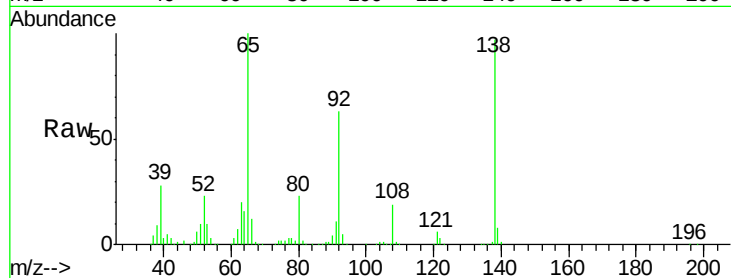
Tot Ion: 65 Resp: 804635

Ion Ratio Lower Upper

65 100

92 63.4 53.6 80.4

138 96.9 91.0 136.6



#48

Acenaphthylene

Concen: 61.27 ng

RT: 9.79 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

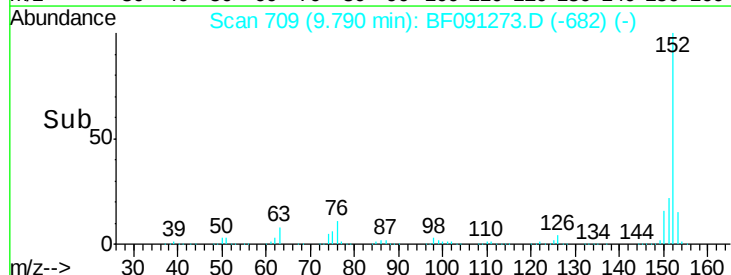
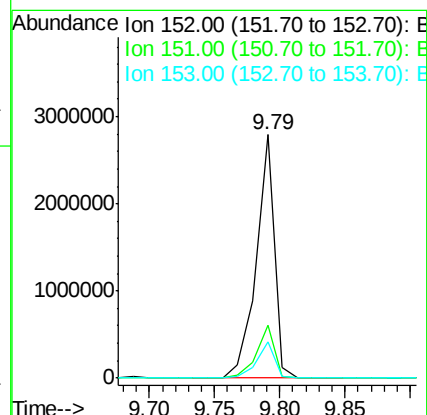
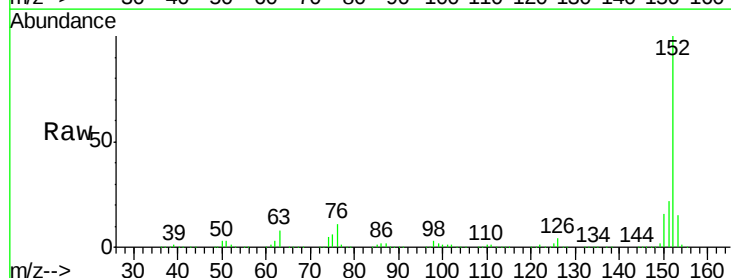
Tgt Ion: 152 Resp: 2717566

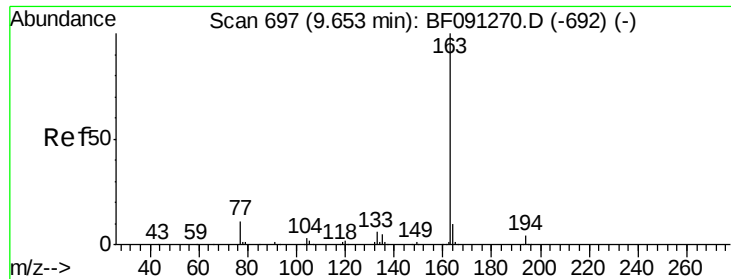
Ion Ratio Lower Upper

152 100

151 21.7 16.6 24.8

153 15.0 10.7 16.1

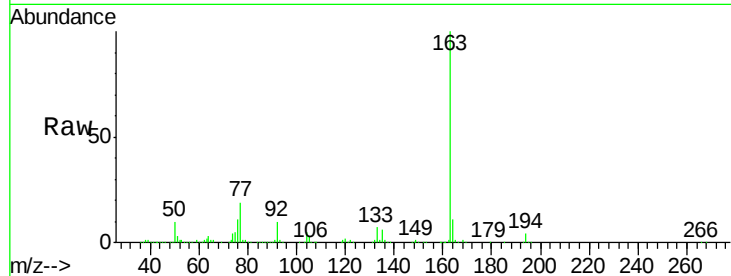




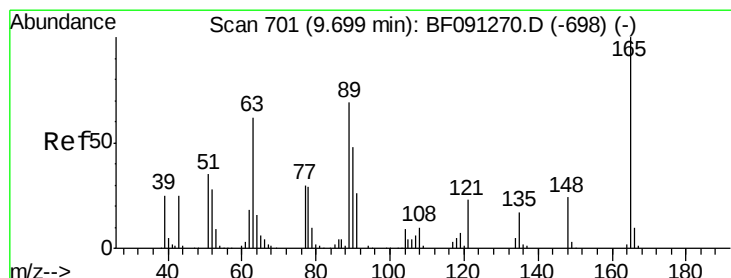
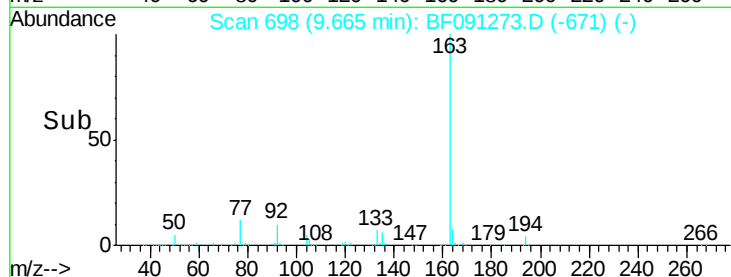
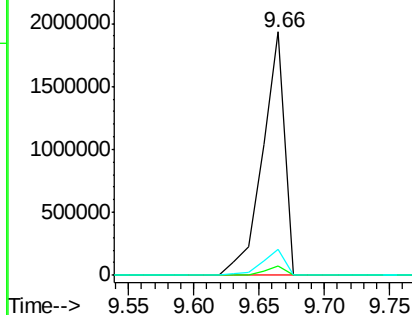
#49
Dimethylphthalate
Concen: 70.80 ng
RT: 9.66 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 2276293
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 10.9 7.8 11.8

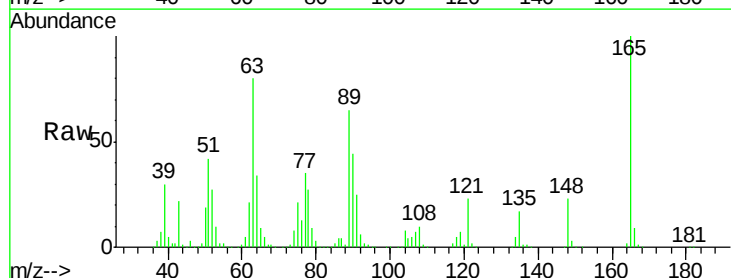


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

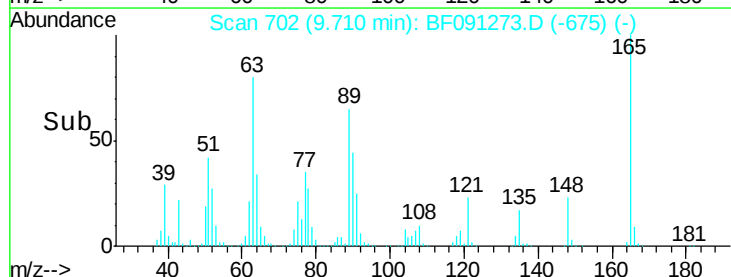
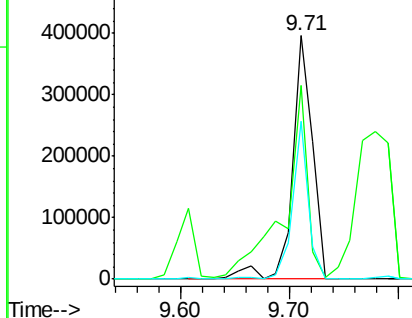


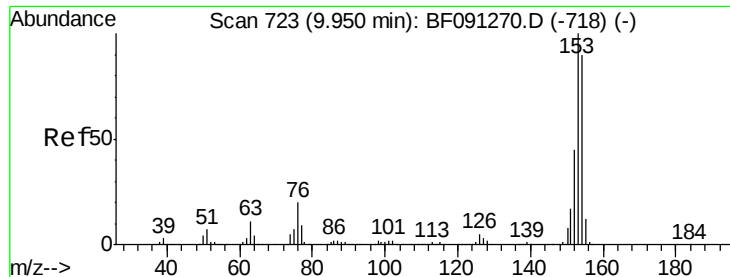
#50
2,6-Dinitrotoluene
Concen: 73.08 ng
RT: 9.71 min Scan# 702
Delta R.T. 0.01 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Tgt Ion:165 Resp: 511103
Ion Ratio Lower Upper
165 100
63 79.5 59.4 89.0
89 65.0 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: 61.85 ng

RT: 9.96 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Instrument :

BNA_F

ClientSampleId :

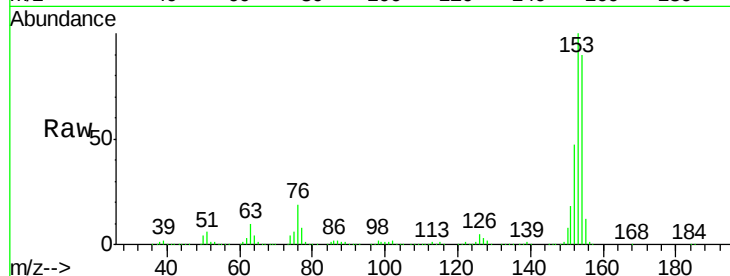
Tot Ion:154 Resp: 1864934

Ion Ratio Lower Upper

154 100

153 110.9 91.0 136.6

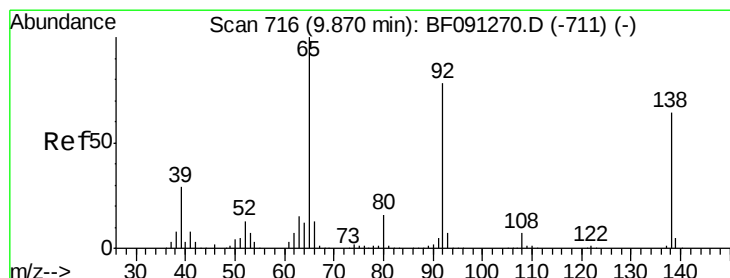
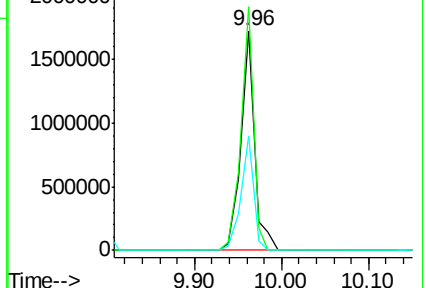
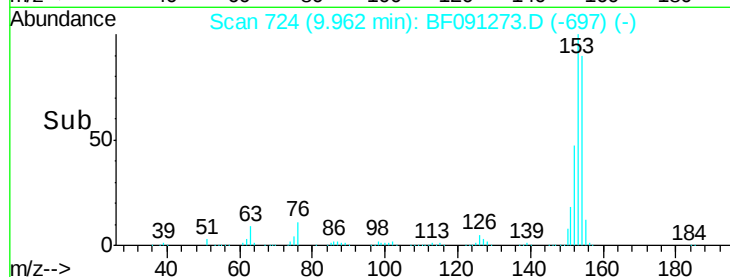
152 52.2 44.2 66.2



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: 66.00 ng

RT: 9.88 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

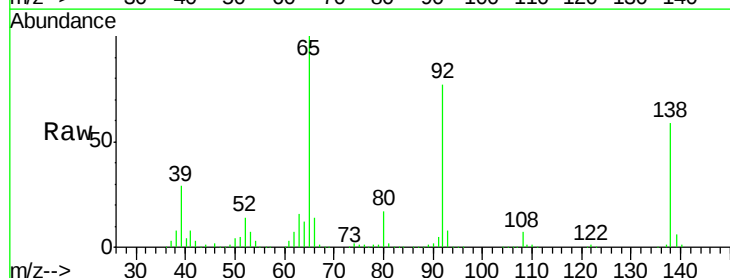
Tgt Ion:138 Resp: 502746

Ion Ratio Lower Upper

138 100

108 11.4 8.1 12.1

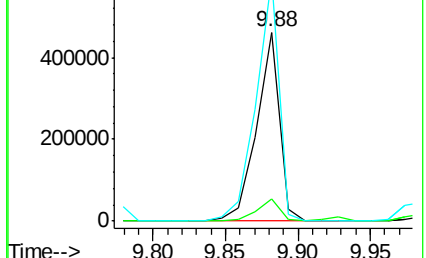
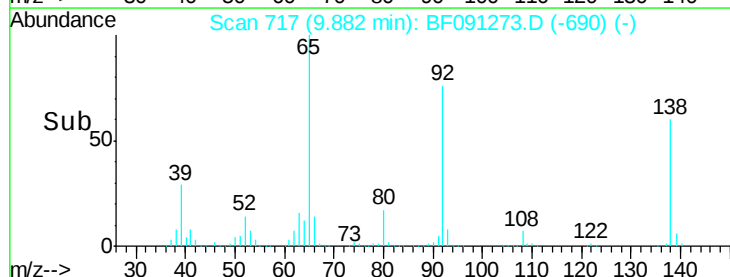
92 128.7 92.5 138.7

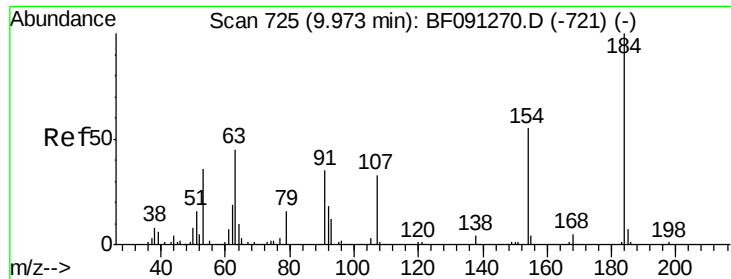


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

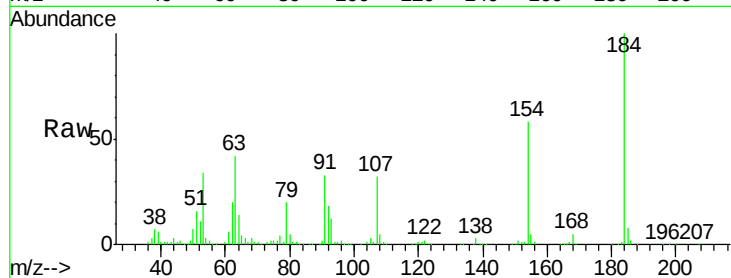




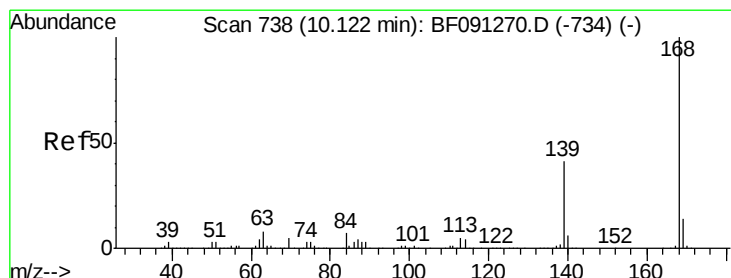
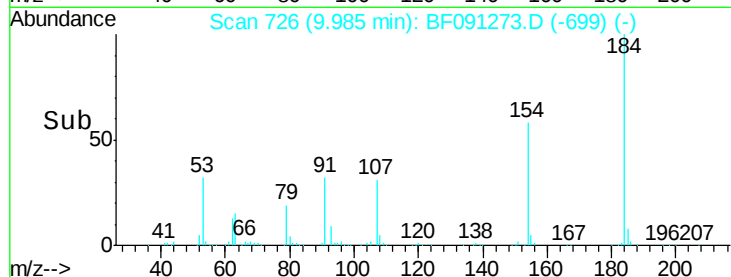
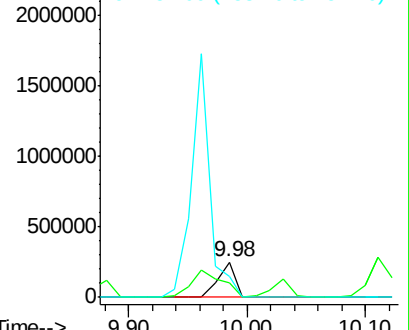
#53
2,4-Dinitrophenol
Concen: 120.78 ng
RT: 9.98 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 253121
Ion Ratio Lower Upper
184 100
63 42.4 58.3 87.5#
154 58.2 48.6 73.0

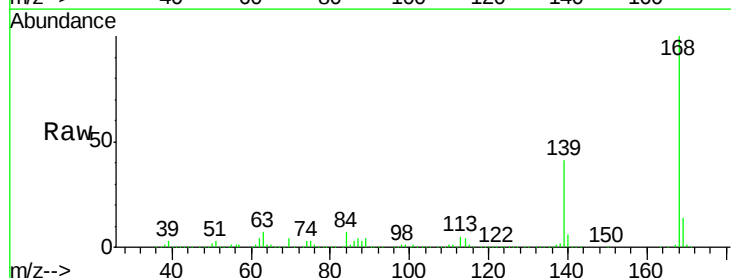


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

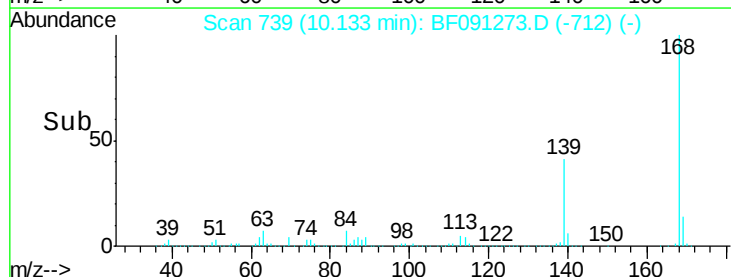
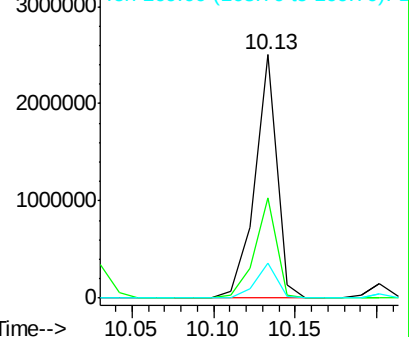


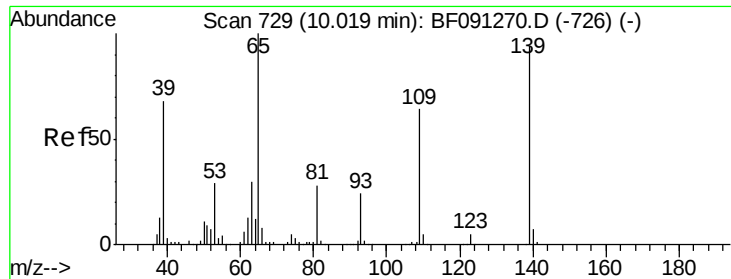
#54
Dibenzofuran
Concen: 57.61 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Tgt Ion:168 Resp: 2364020
Ion Ratio Lower Upper
168 100
139 41.1 33.4 50.2
169 14.3 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

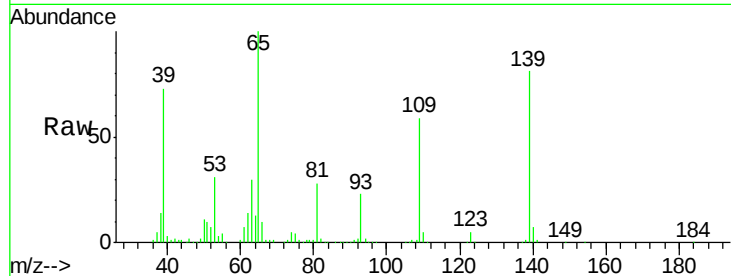




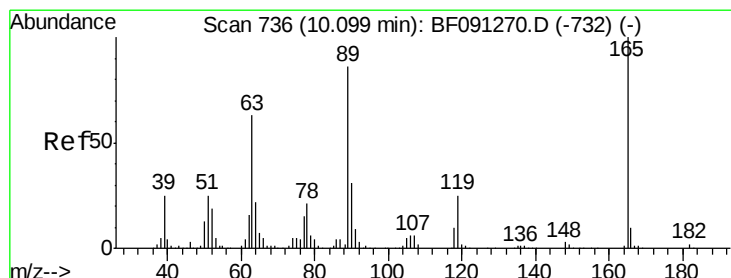
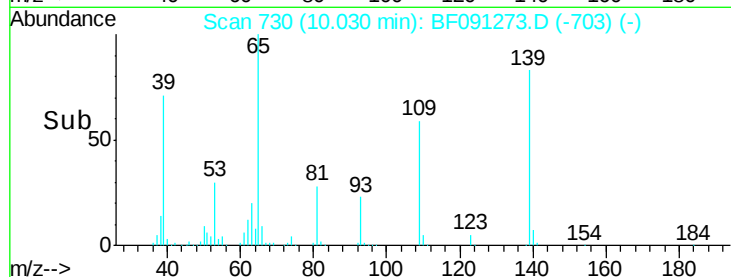
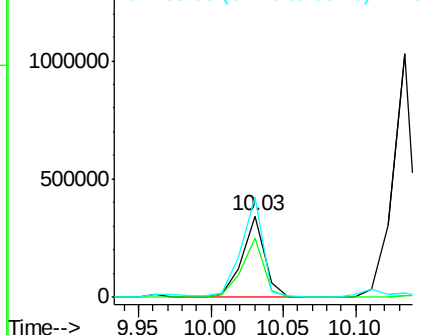
#55
4-Nitrophenol
Concen: 68.32 ng
RT: 10.03 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 373758
Ion Ratio Lower Upper
139 100
109 72.1 54.9 94.9
65 122.8 102.2 142.2

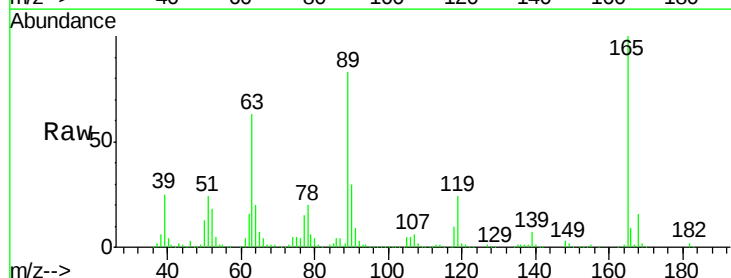


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

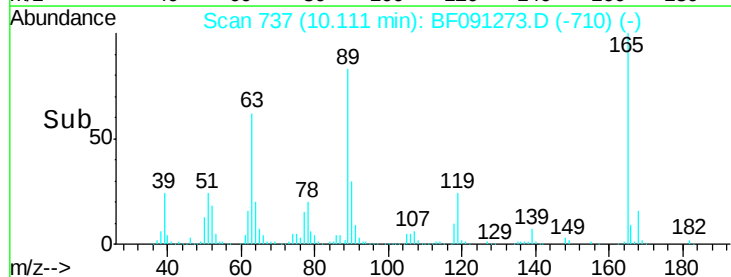
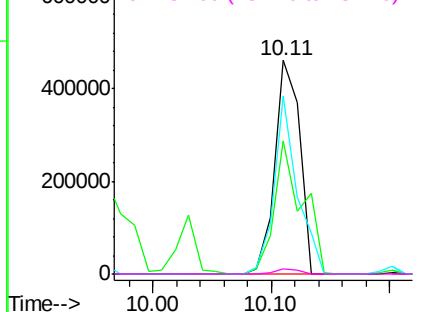


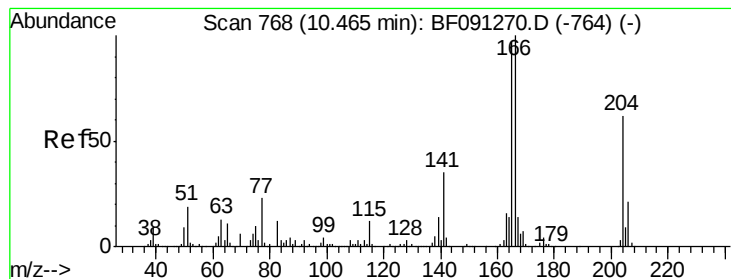
#56
2,4-Dinitrotoluene
Concen: 75.11 ng
RT: 10.11 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Tgt Ion:165 Resp: 662355
Ion Ratio Lower Upper
165 100
63 62.5 29.0 43.4#
89 83.4 43.1 64.7#
182 2.1 1.9 2.9



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





#57

Fluorene

Concen: 62.62 ng

RT: 10.48 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Instrument :

BNA_F

ClientSampleId :

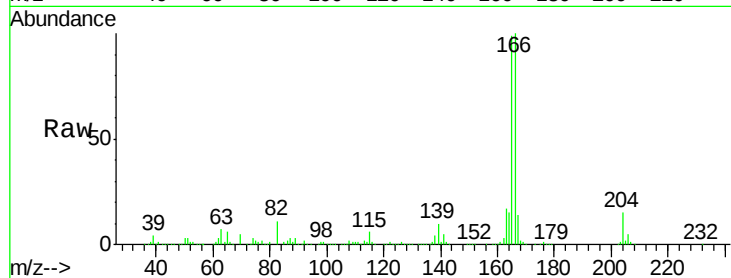
Tot Ion:166 Resp: 1966373

Ion Ratio Lower Upper

166 100

165 98.9 80.0 120.0

167 14.2 10.8 16.2



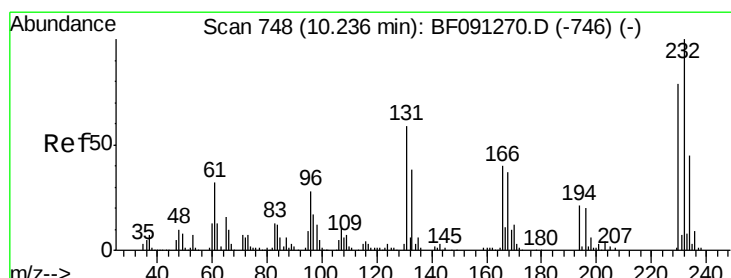
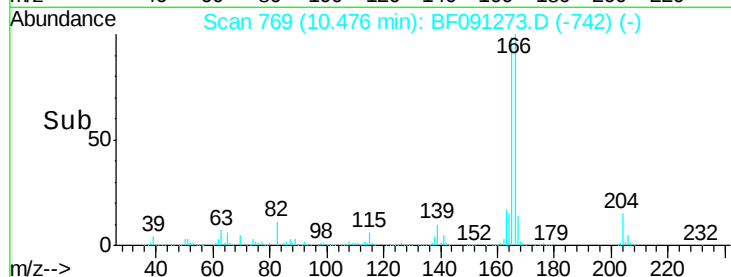
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

10.48

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 63.06 ng

RT: 10.25 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Tgt Ion:232 Resp: 520022

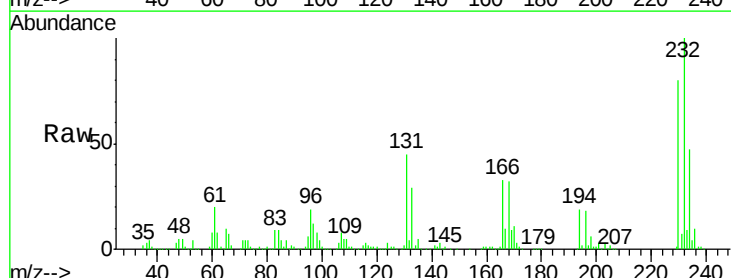
Ion Ratio Lower Upper

232 100

131 48.7 38.4 57.6

130 2.5 1.8 2.8

166 33.9 23.9 35.9



Abundance Ion 232.00 (231.70 to 232.70): E

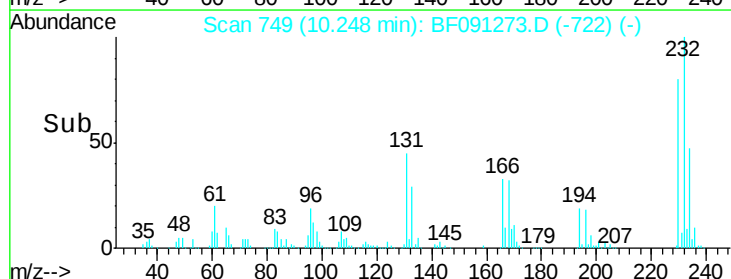
Ion 131.00 (130.70 to 131.70): E

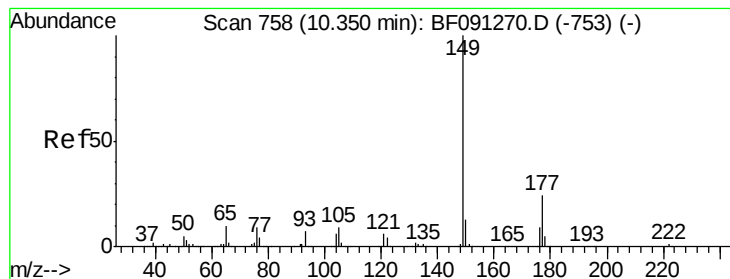
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

10.25

Time-->





#59

Diethylphthalate

Concen: 64.86 ng

RT: 10.35 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Instrument :

BNA_F

ClientSampleId :

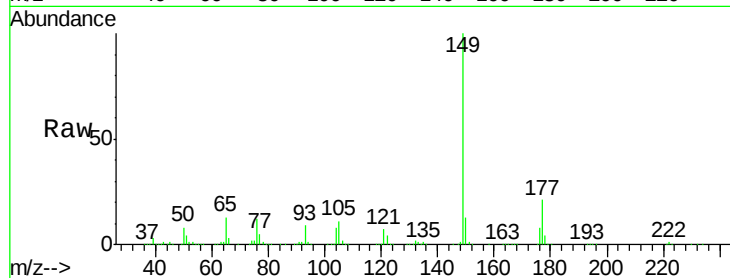
Tot Ion:149 Resp: 2121425

Ion Ratio Lower Upper

149 100

177 21.5 15.7 23.5

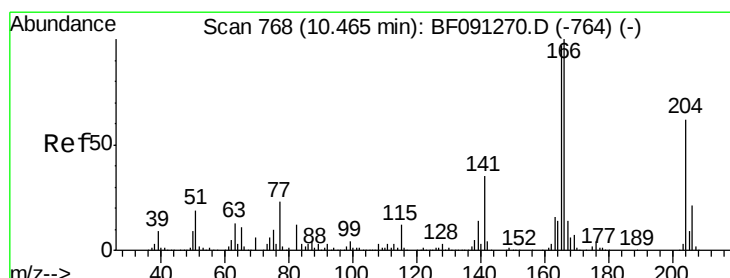
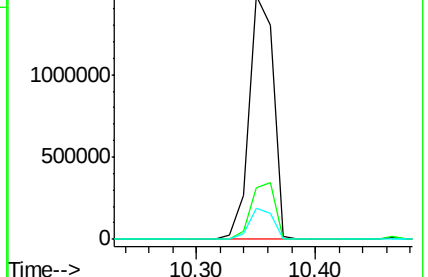
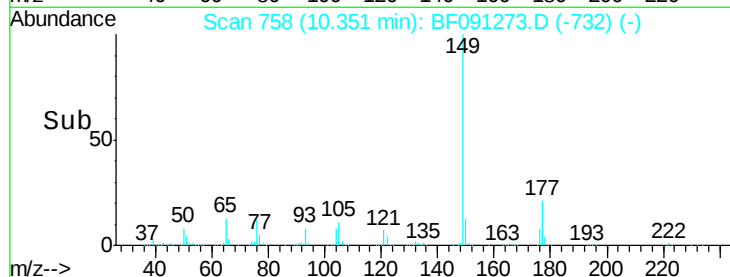
150 12.9 10.2 15.2



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: 56.43 ng

RT: 10.46 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

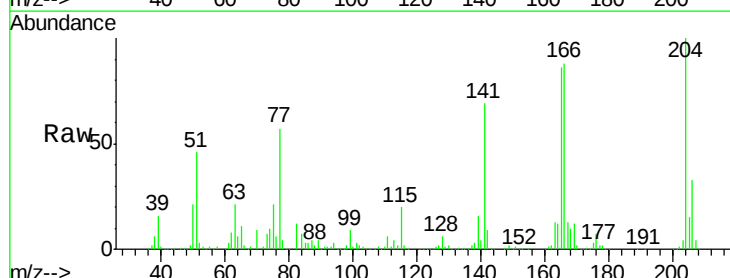
Tgt Ion:204 Resp: 816220

Ion Ratio Lower Upper

204 100

206 32.6 26.1 39.1

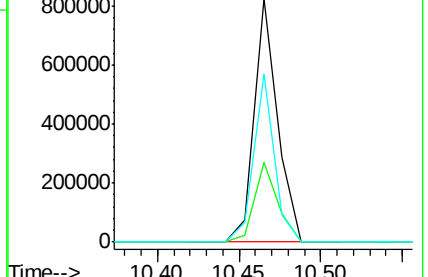
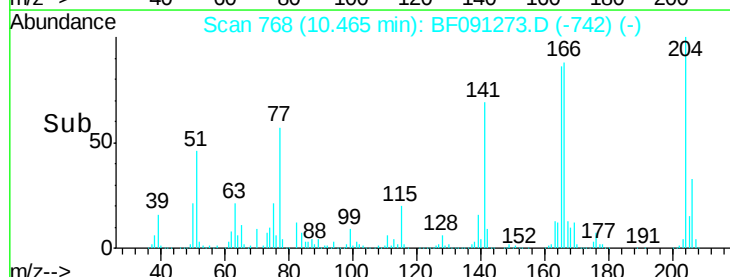
141 69.3 40.6 61.0#

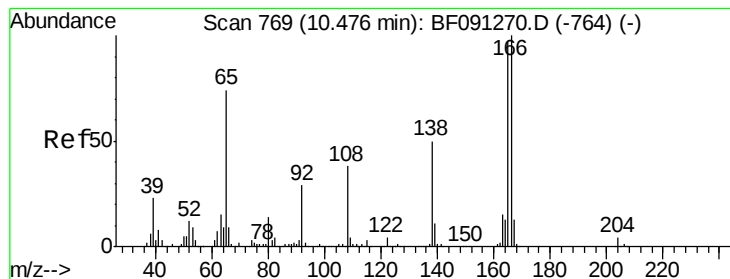


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 73.96 ng

RT: 10.50 min Scan# 771

Delta R.T. 0.02 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Instrument :

BNA_F

ClientSampled :

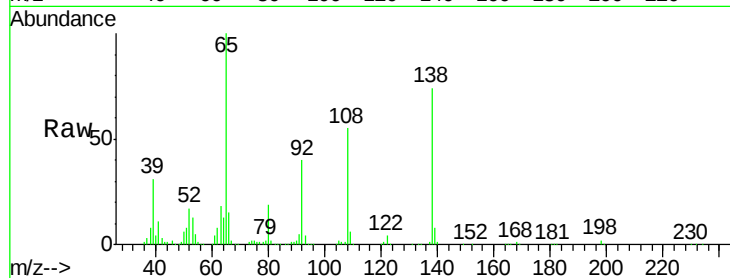
Tot Ion:138 Resp: 518090

Ion Ratio Lower Upper

138 100

92 54.1 26.9 66.9

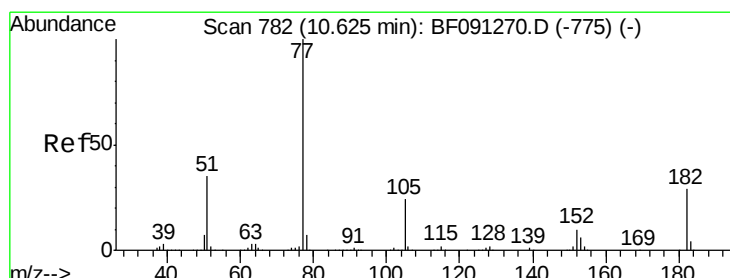
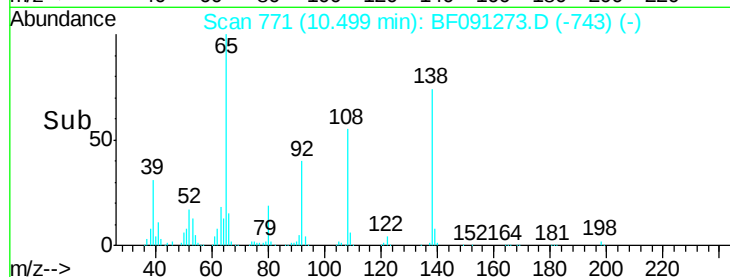
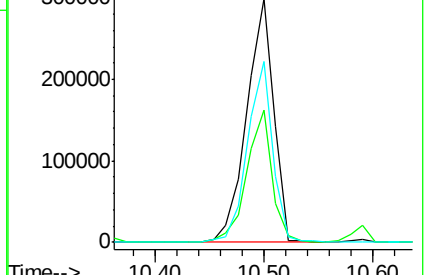
108 74.1 49.1 89.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 63.51 ng

RT: 10.62 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Tgt Ion: 77 Resp: 2112190

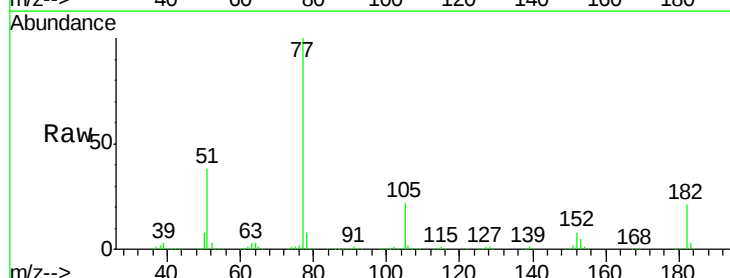
Ion Ratio Lower Upper

77 100

182 21.0 12.5 52.5

105 21.6 3.7 43.7

51 38.3 11.9 51.9

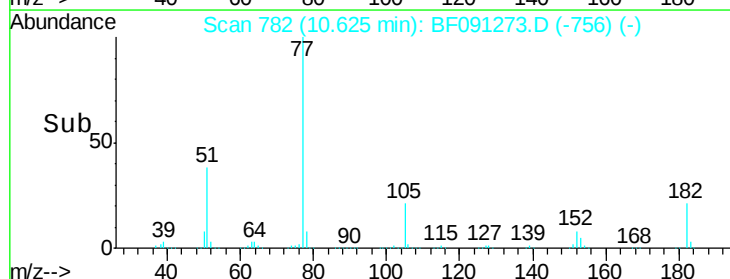
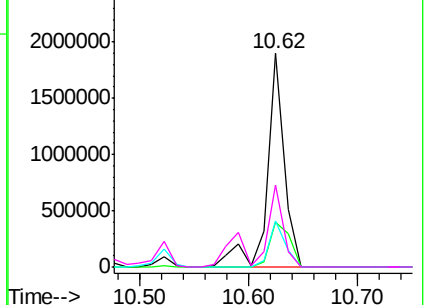


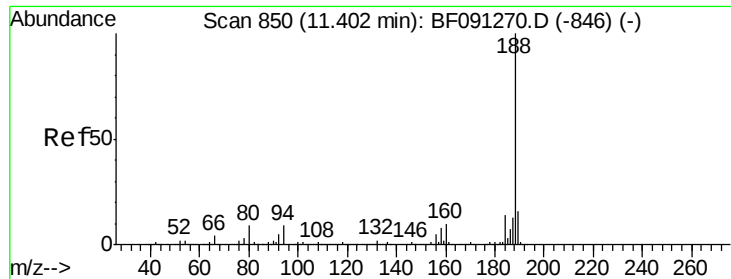
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Instrument :

BNA_F

ClientSampled :

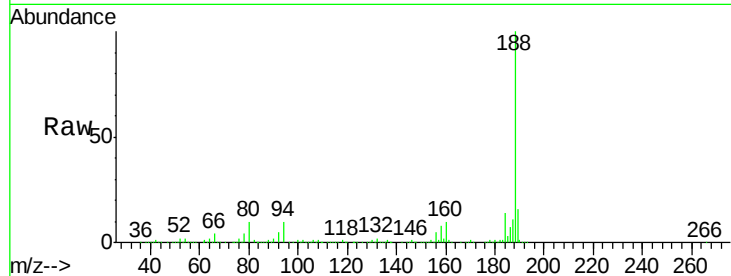
Tot Ion:188 Resp: 800189

Ion Ratio Lower Upper

188 100

94 9.8 9.2 13.8

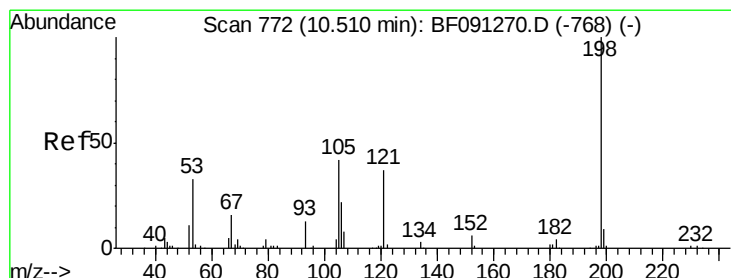
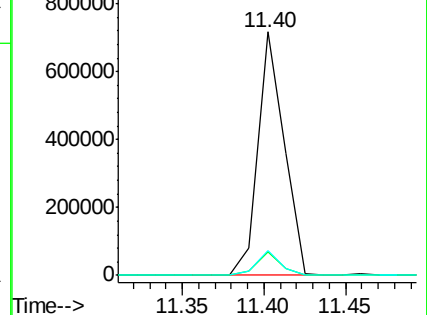
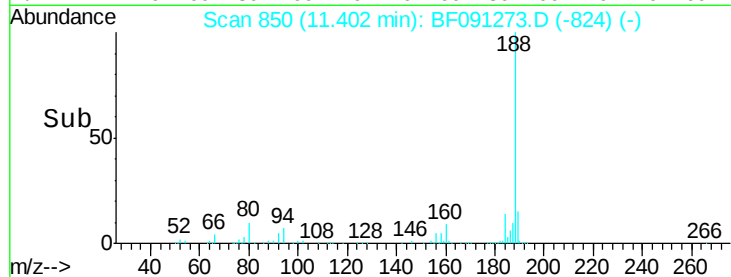
80 10.2 10.5 15.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 93.73 ng

RT: 10.52 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

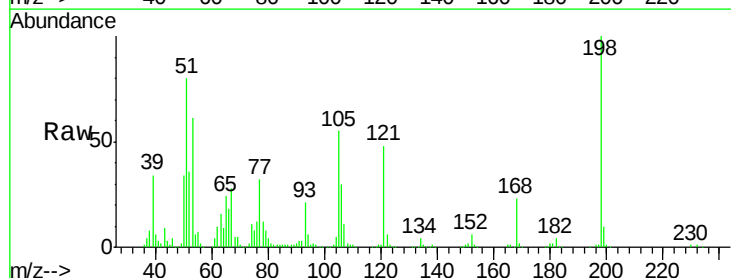
Tgt Ion:198 Resp: 301669

Ion Ratio Lower Upper

198 100

51 80.2 77.1 117.1

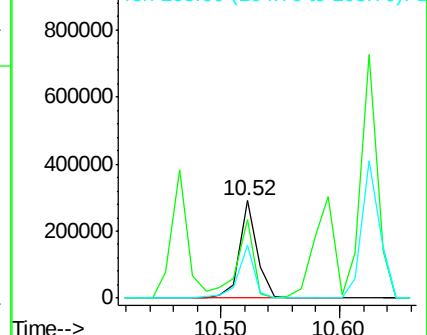
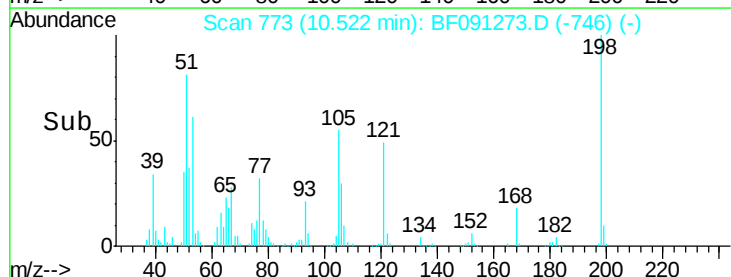
105 54.7 44.8 84.8

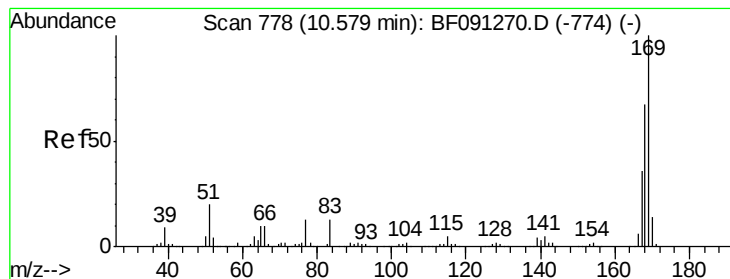


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 71.78 ng

RT: 10.59 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Instrument :

BNA_F

ClientSampleId :

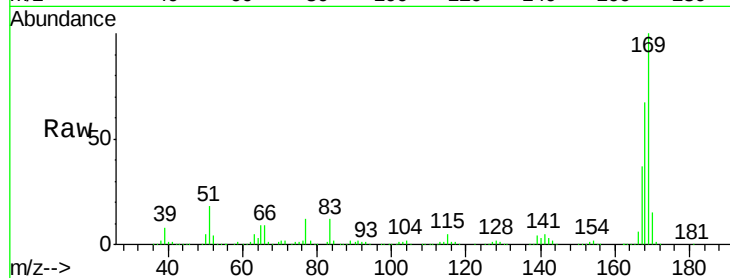
Tot Ion:169 Resp: 1769751

Ion Ratio Lower Upper

169 100

168 67.2 53.8 80.8

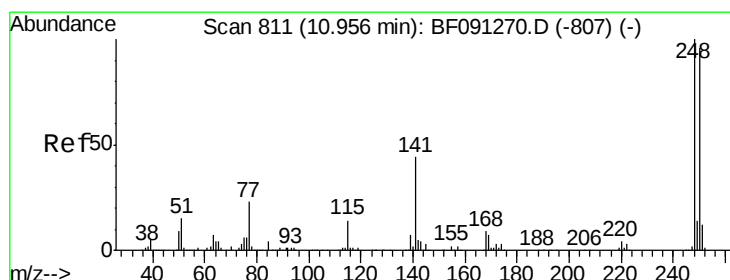
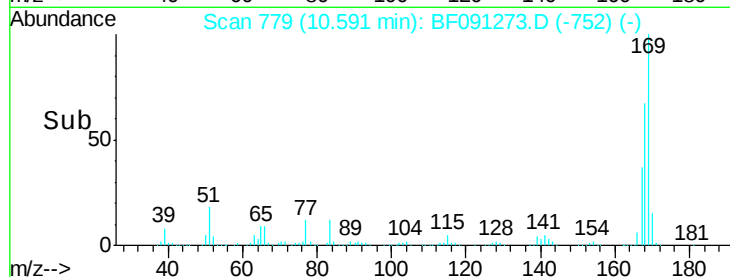
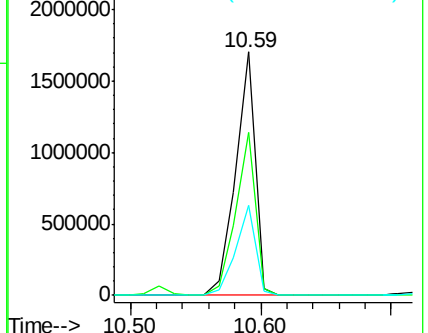
167 37.2 29.8 44.8



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: 65.40 ng

RT: 10.96 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

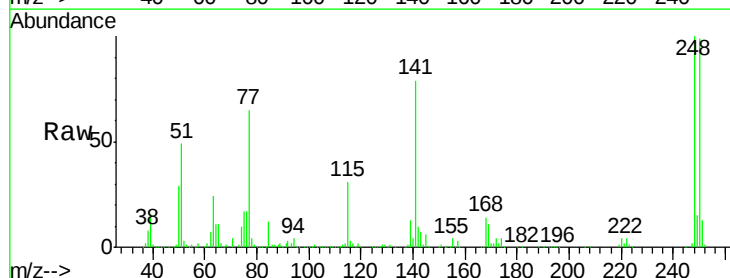
Tgt Ion:248 Resp: 587330

Ion Ratio Lower Upper

248 100

250 99.3 78.2 117.4

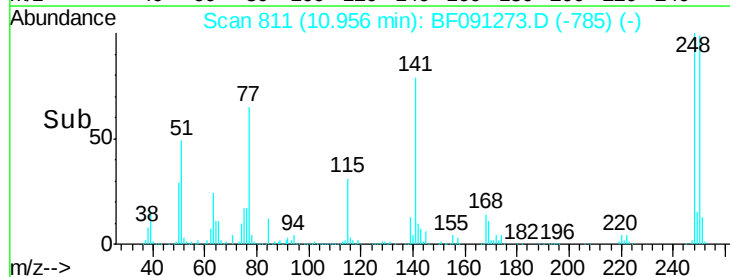
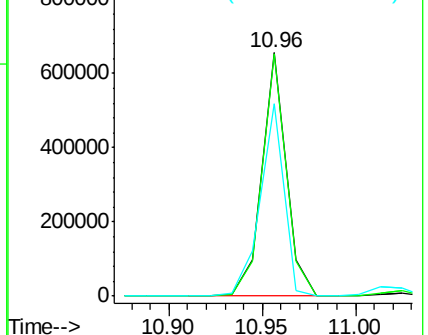
141 79.0 71.9 107.9

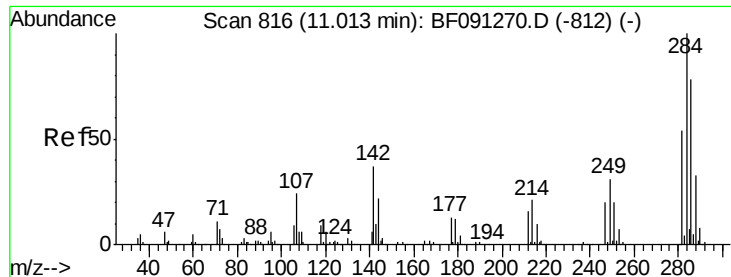


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

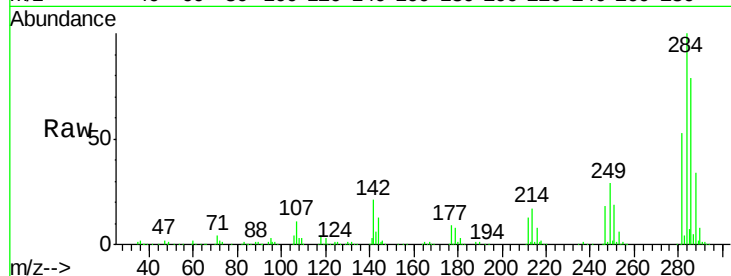




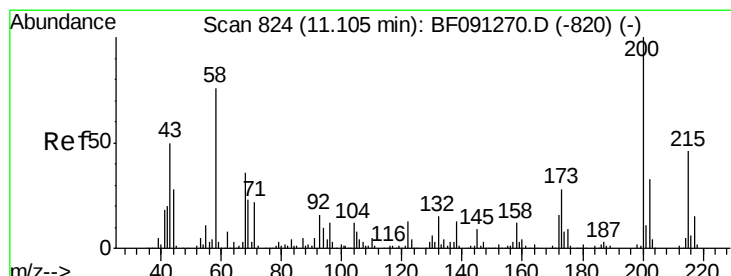
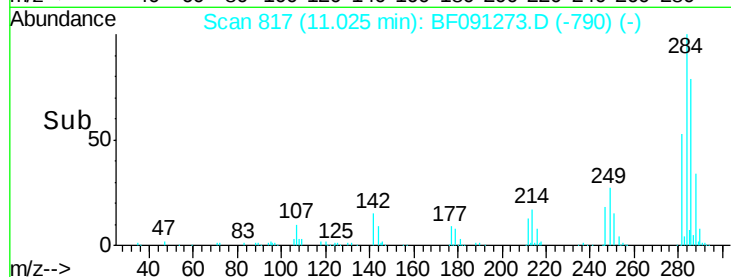
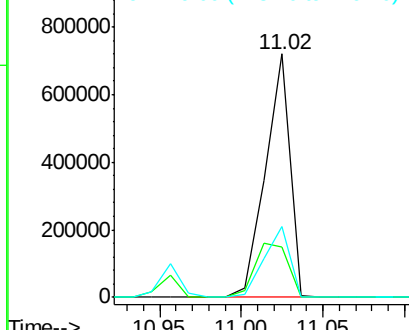
#67
Hexachlorobenzene
Concen: 78.16 ng
RT: 11.02 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 751867
Ion Ratio Lower Upper
284 100
142 20.6 17.9 26.9
249 28.9 23.6 35.4

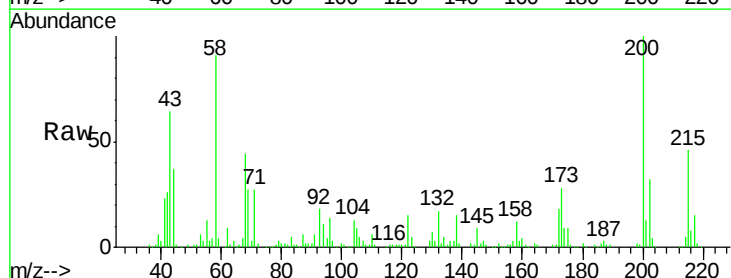


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

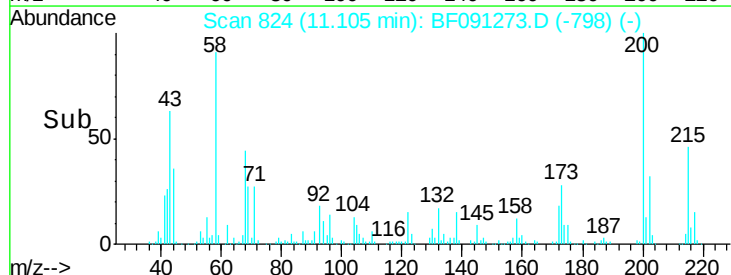
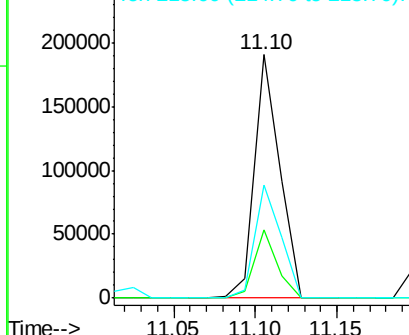


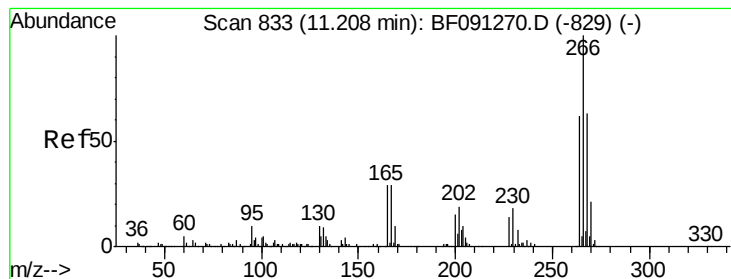
#68
Atrazine
Concen: 32.00 ng
RT: 11.10 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Tgt Ion:200 Resp: 205209
Ion Ratio Lower Upper
200 100
173 28.0 7.8 47.8
215 46.4 24.3 64.3



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





#69

Pentachlorophenol

Concen: 69.56 ng

RT: 11.21 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Instrument :

BNA_F

ClientSampled :

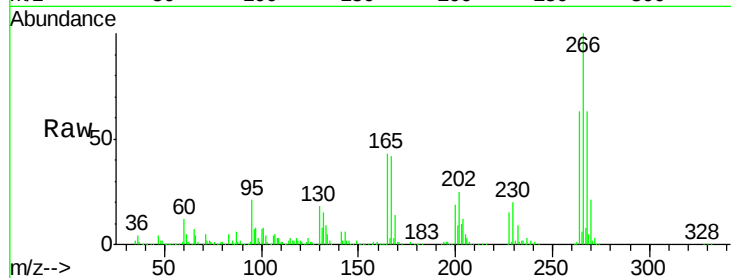
Tot Ion:266 Resp: 402050

Ion Ratio Lower Upper

266 100

268 62.5 50.3 75.5

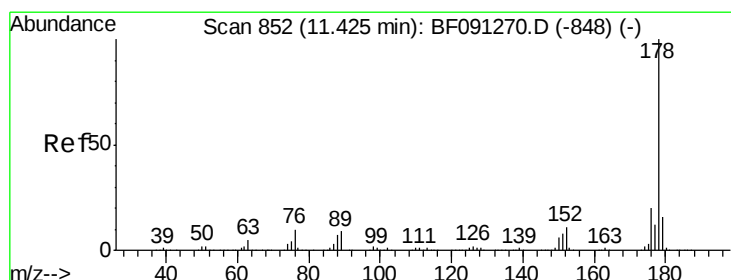
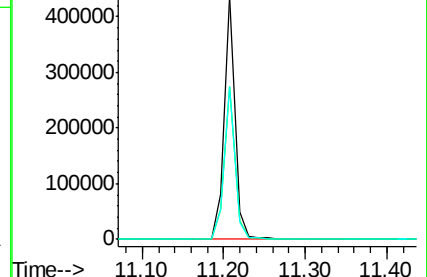
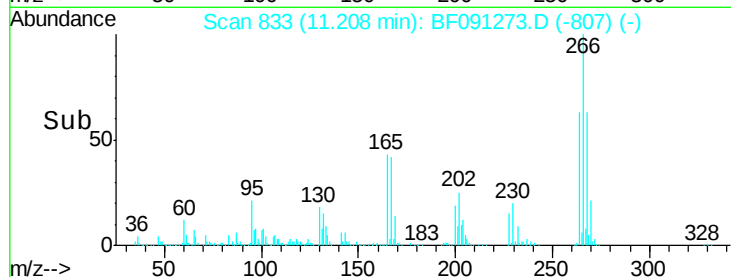
264 62.8 48.2 72.2



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: 72.01 ng

RT: 11.44 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

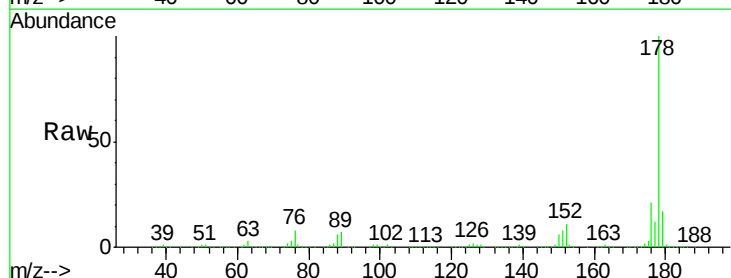
Tgt Ion:178 Resp: 3032336

Ion Ratio Lower Upper

178 100

176 20.8 15.9 23.9

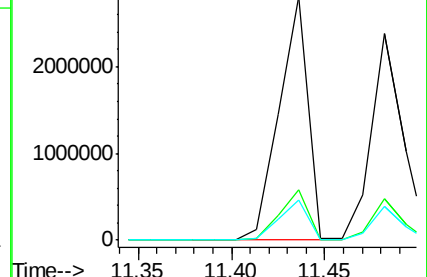
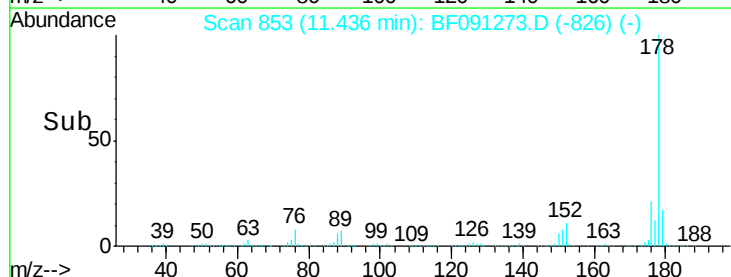
179 16.7 12.6 18.8

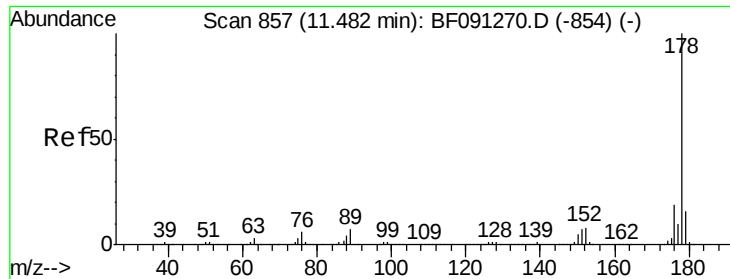


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

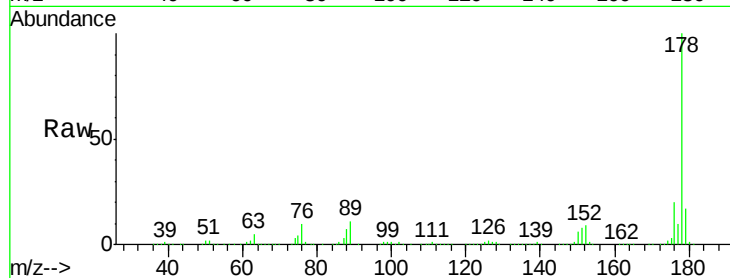




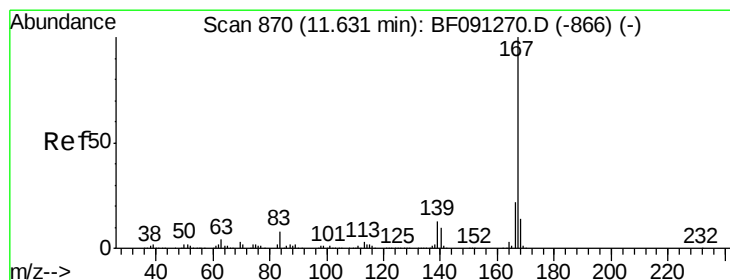
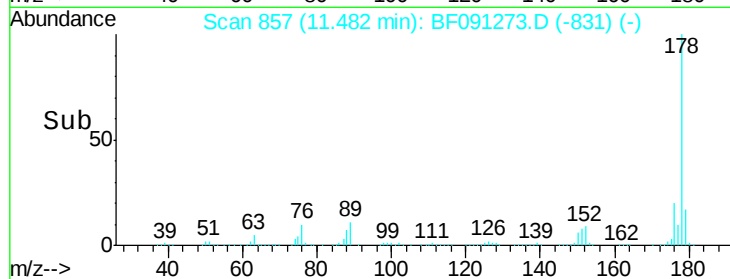
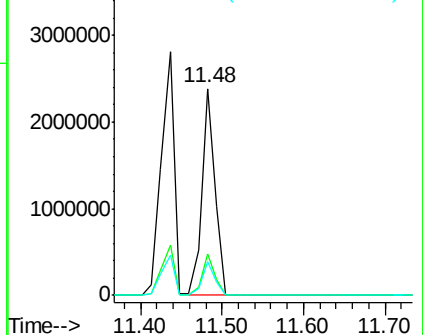
#71
 Anthracene
 Concen: 61.70 ng
 RT: 11.48 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF091273.D
 Acq: 23 Nov 2016 12:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 2707426
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.6
 179 16.5 12.7 19.1

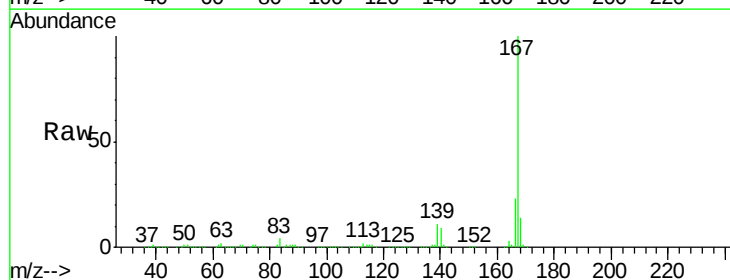


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

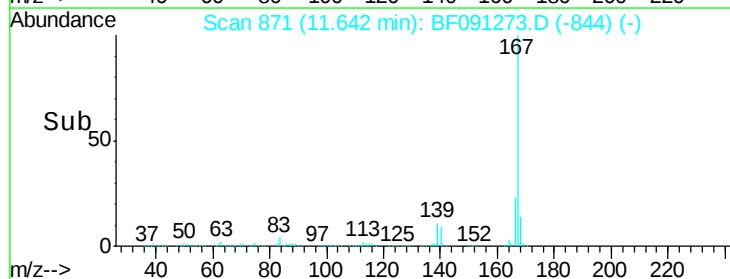
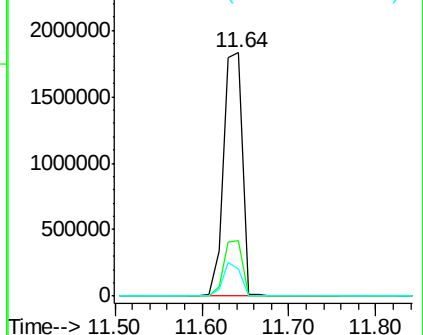


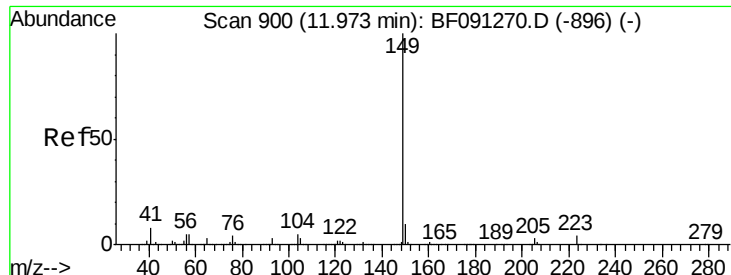
#72
 Carbazole
 Concen: 71.94 ng
 RT: 11.64 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: BF091273.D
 Acq: 23 Nov 2016 12:13

Tgt Ion:167 Resp: 2756982
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 11.3 11.5 17.3#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 61.78 ng

RT: 11.97 min Scan# 900

Delta R.T. 0.00 min

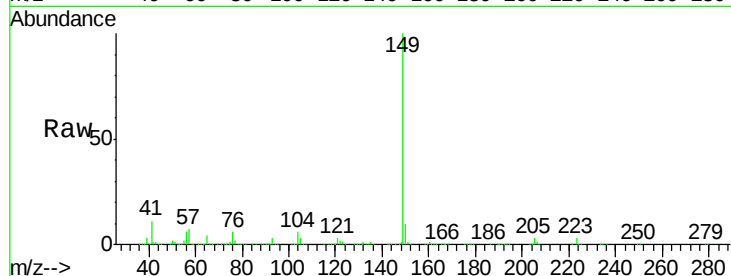
Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

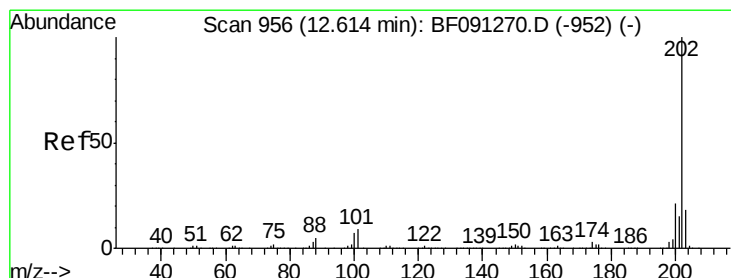
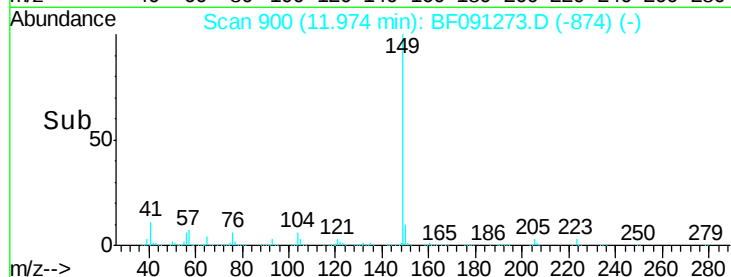
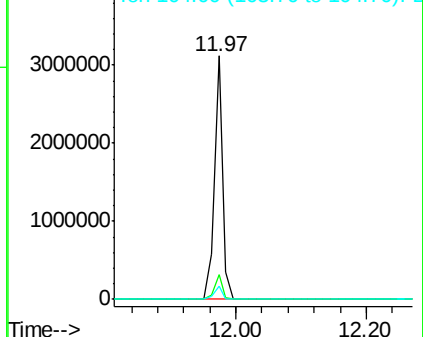
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2793567

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.5	11.3
104	5.6	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: 63.10 ng

RT: 12.61 min Scan# 956

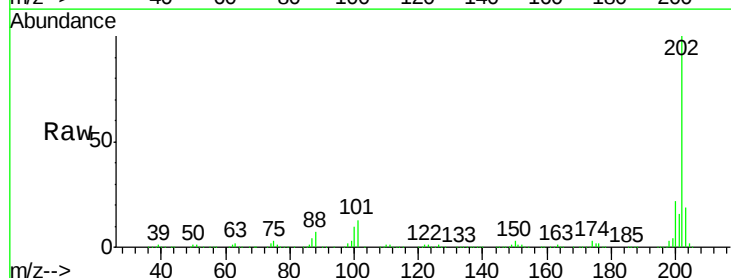
Delta R.T. 0.00 min

Lab File: BF091273.D

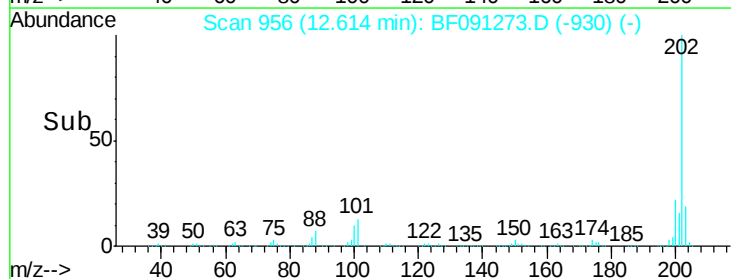
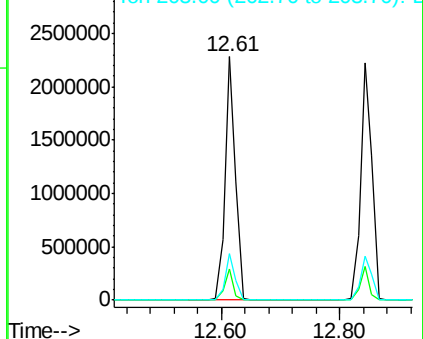
Acq: 23 Nov 2016 12:13

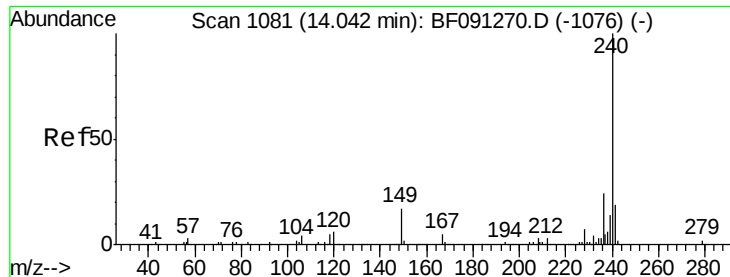
Tgt Ion:202 Resp: 2747451

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	29.5
203	18.9	0.0	37.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Instrument :

BNA_F

ClientSampled :

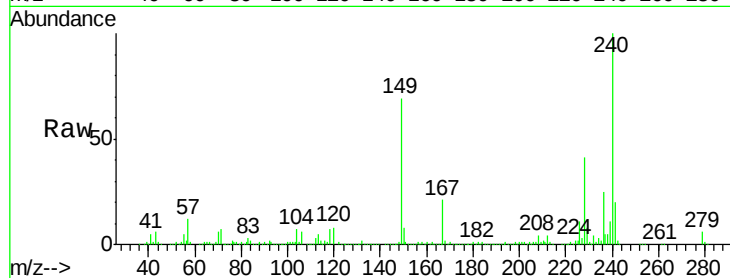
Tot Ion:240 Resp: 555984

Ion Ratio Lower Upper

240 100

120 8.3 12.1 18.1#

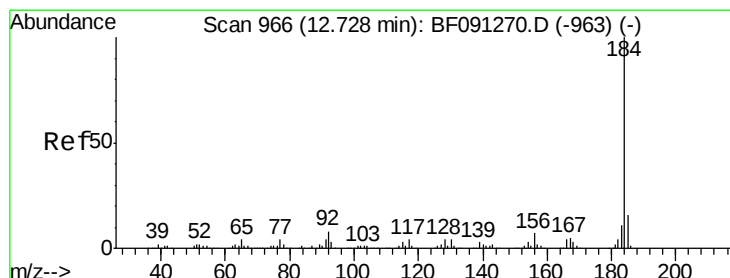
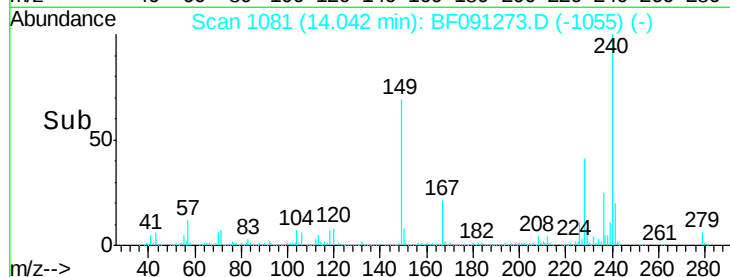
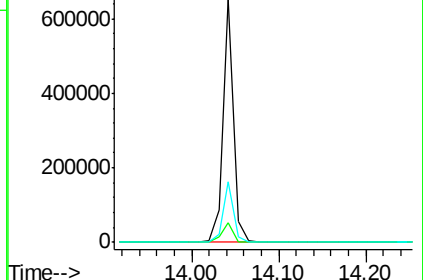
236 24.8 21.0 31.6



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: 45.73 ng

RT: 12.73 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

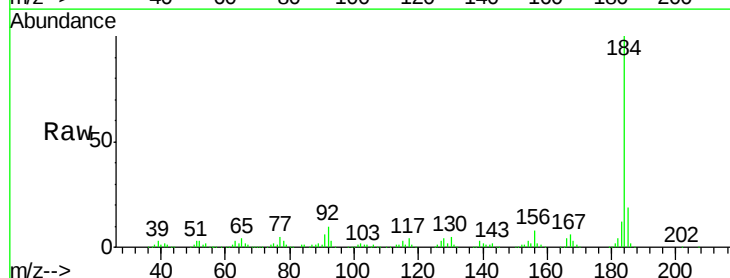
Tgt Ion:184 Resp: 492791

Ion Ratio Lower Upper

184 100

185 19.0 13.1 19.7

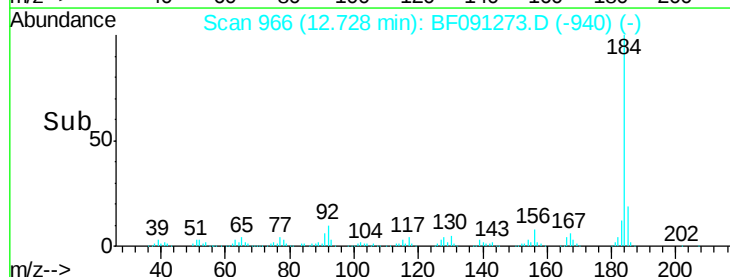
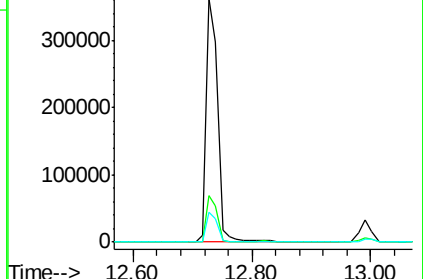
183 12.1 8.9 13.3

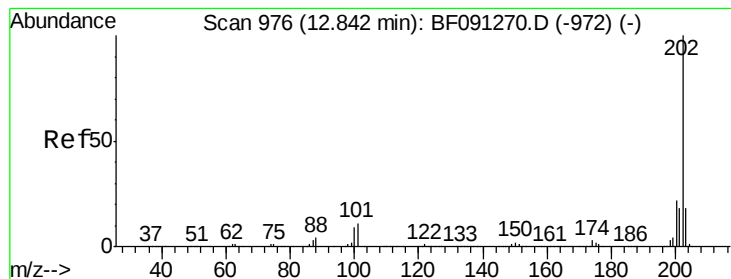


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 69.25 ng

RT: 12.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Instrument :

BNA_F

ClientSampleId :

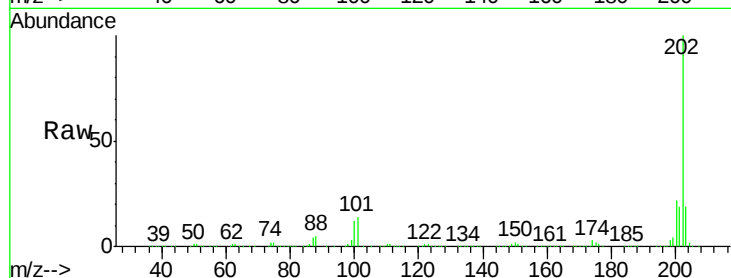
Tot Ion:202 Resp: 2900558

Ion Ratio Lower Upper

202 100

200 22.4 17.6 26.4

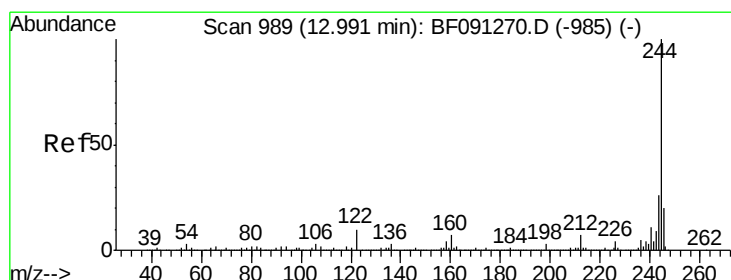
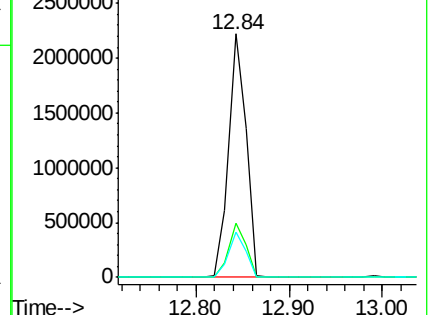
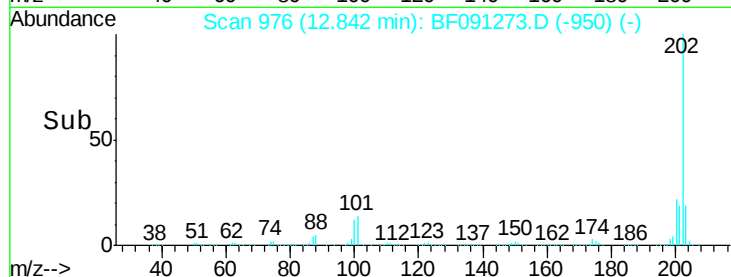
203 18.8 14.0 21.0



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: 68.59 ng

RT: 12.99 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

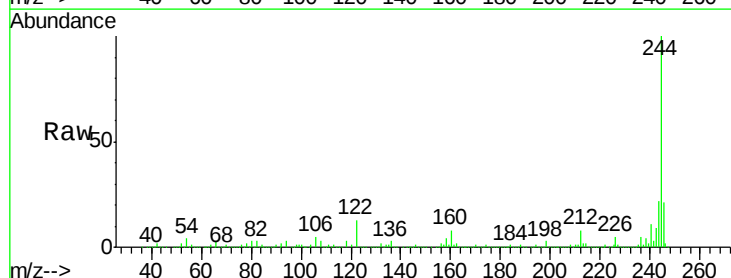
Tgt Ion:244 Resp: 3409163

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

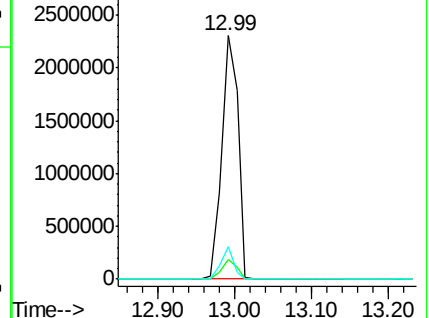
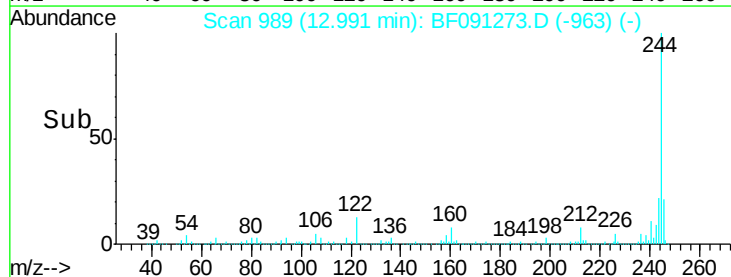
122 13.2 9.5 14.3

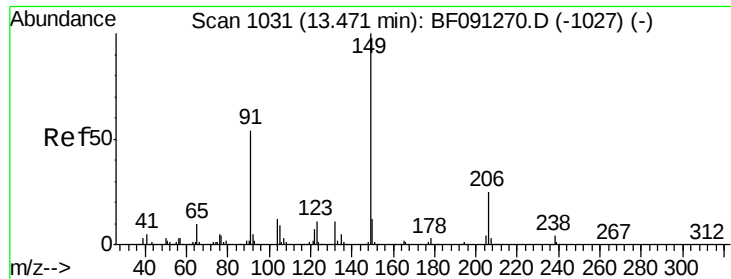


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

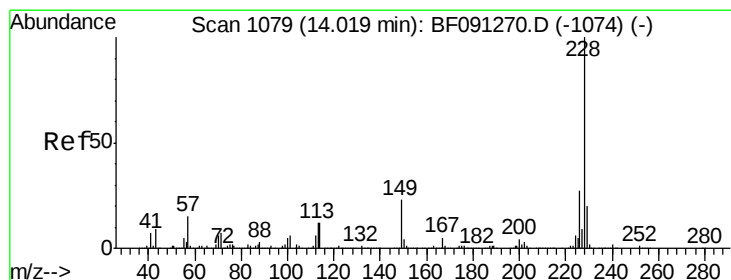
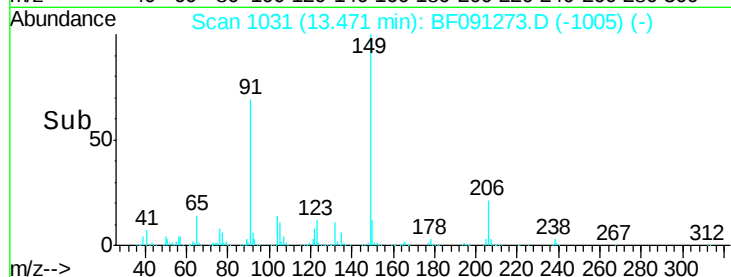
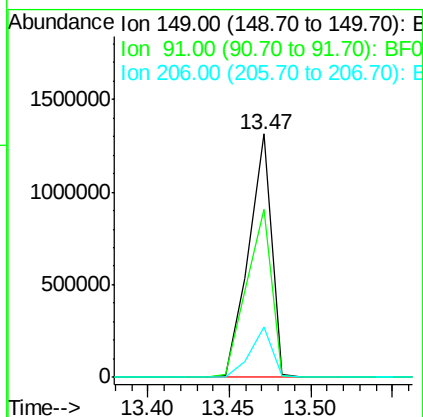
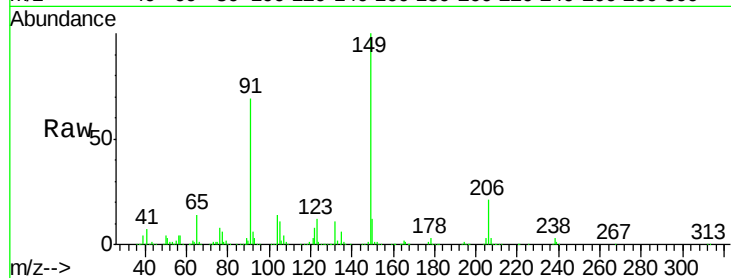




#79
Butylbenzylphthalate
Concen: 77.94 ng
RT: 13.47 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

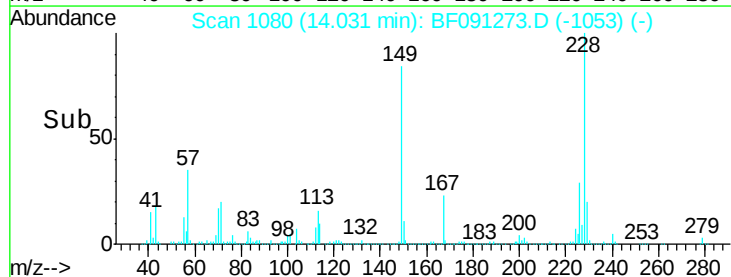
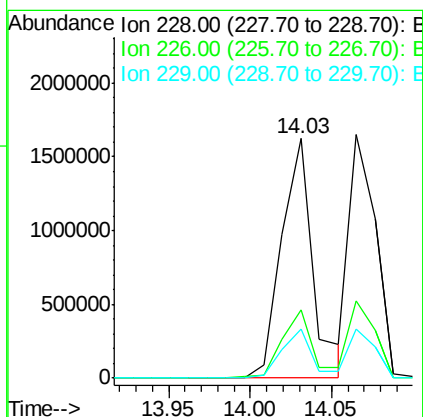
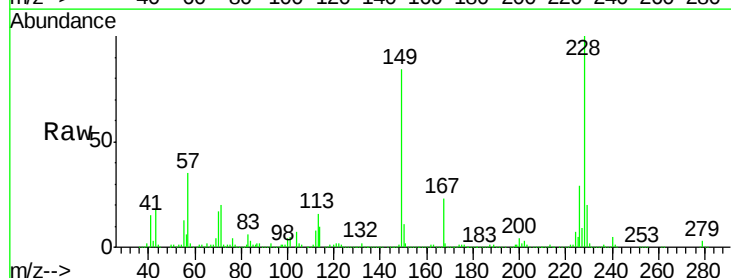
Instrument :
BNA_F
ClientSampleId :

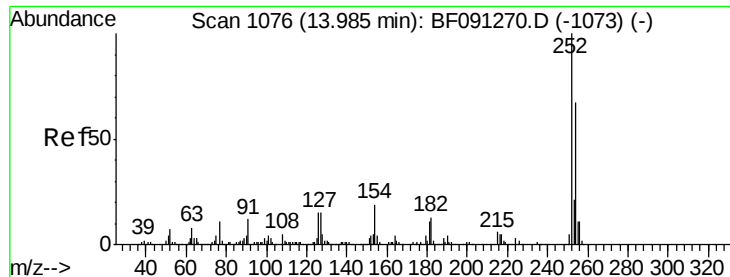
Tot Ion:149 Resp: 1286063
Ion Ratio Lower Upper
149 100
91 68.9 57.4 86.2
206 20.7 15.4 23.2



#80
Benzo(a)anthracene
Concen: 67.70 ng
RT: 14.03 min Scan# 1080
Delta R.T. 0.01 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Tgt Ion:228 Resp: 2184123
Ion Ratio Lower Upper
228 100
226 28.6 22.5 33.7
229 20.3 16.4 24.6

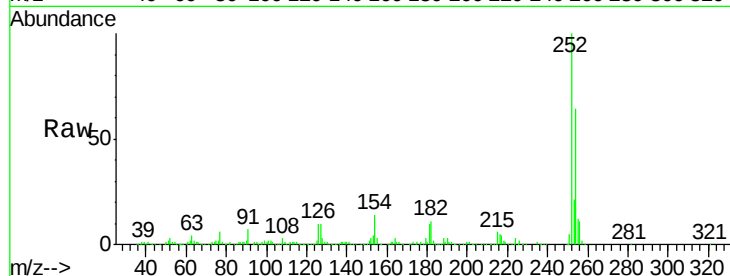




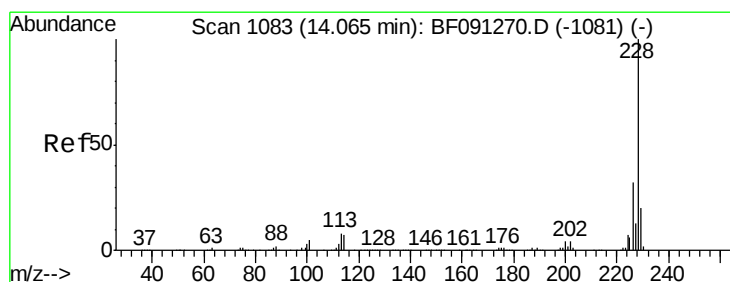
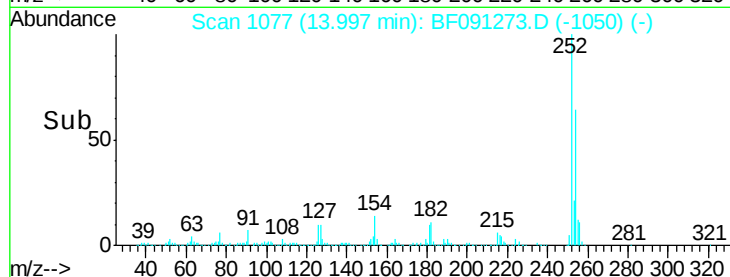
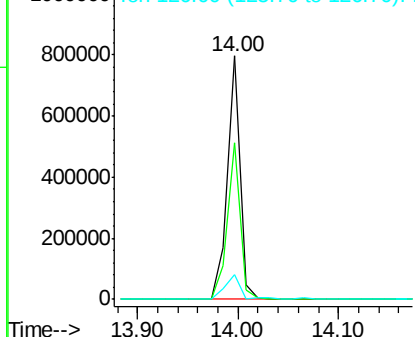
#81
 3,3'-Dichlorobenzidine
 Concen: 66.44 ng
 RT: 14.00 min Scan# 1077
 Delta R.T. 0.01 min
 Lab File: BF091273.D
 Acq: 23 Nov 2016 12:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 708561
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.1 78.1
 126 9.9 7.5 11.3

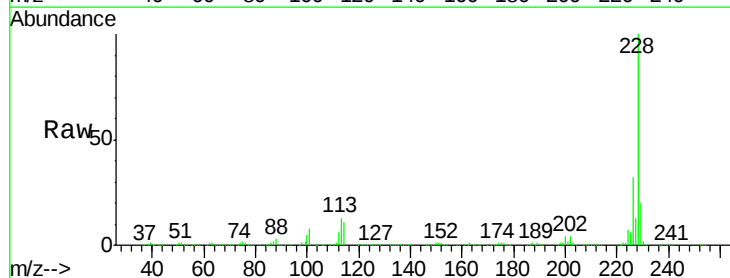


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

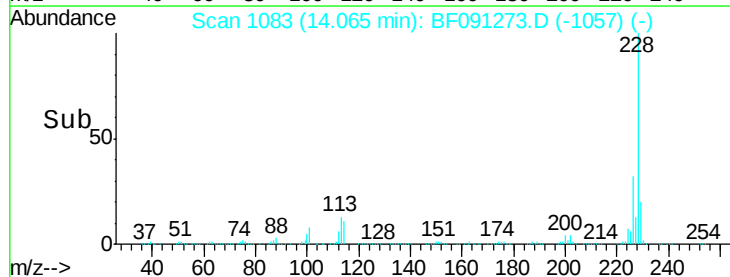
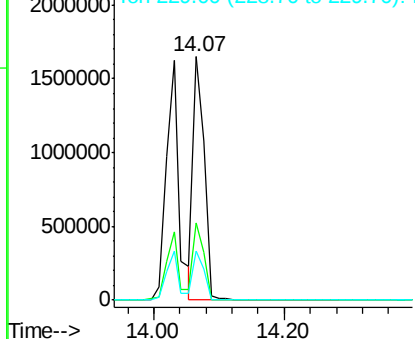


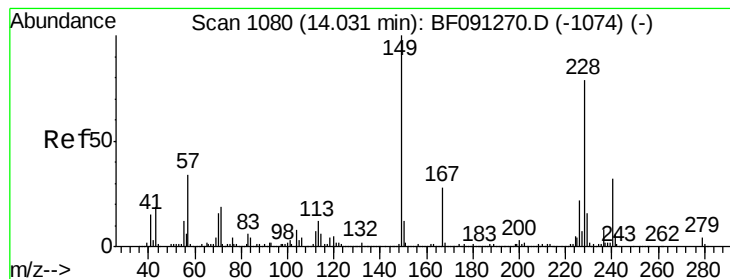
#82
 Chrysene
 Concen: 62.30 ng
 RT: 14.07 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF091273.D
 Acq: 23 Nov 2016 12:13

Tgt Ion:228 Resp: 1918574
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.0 37.4
 229 20.4 16.0 24.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 65.85 ng

RT: 14.03 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Instrument :

BNA_F

ClientSampleId :

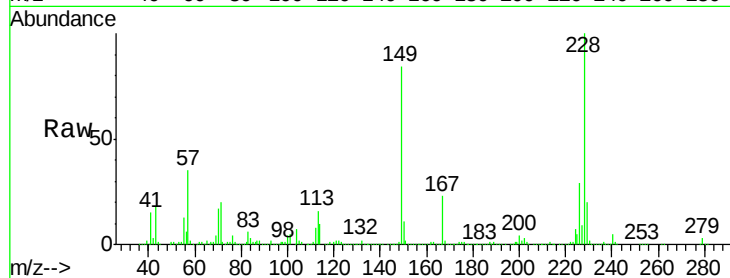
Tot Ion:149 Resp: 1382579

Ion Ratio Lower Upper

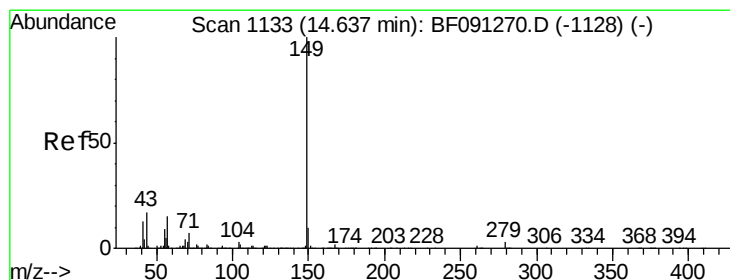
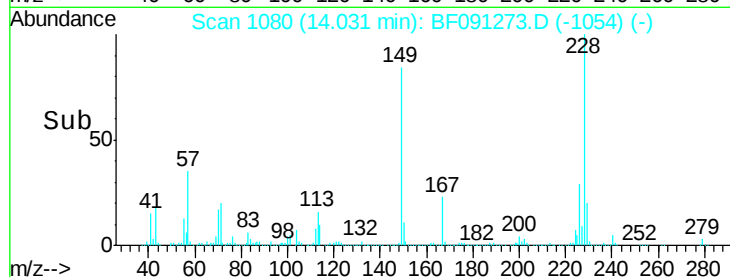
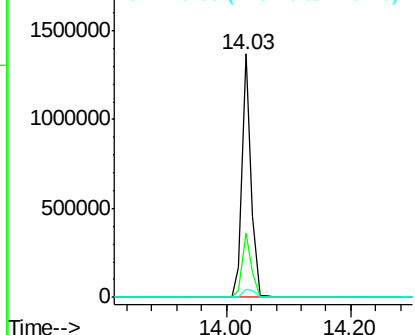
149 100

167 26.7 19.6 29.4

279 3.1 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 71.33 ng

RT: 14.65 min Scan# 1134

Delta R.T. 0.01 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

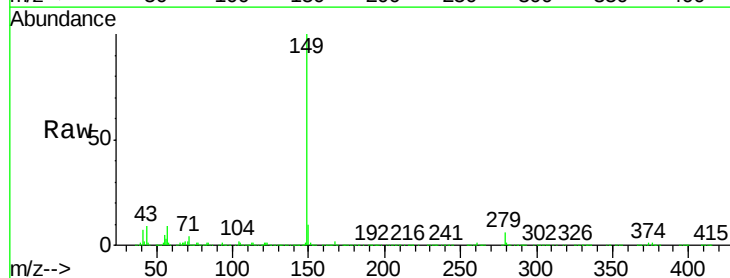
Tgt Ion:149 Resp: 2333764

Ion Ratio Lower Upper

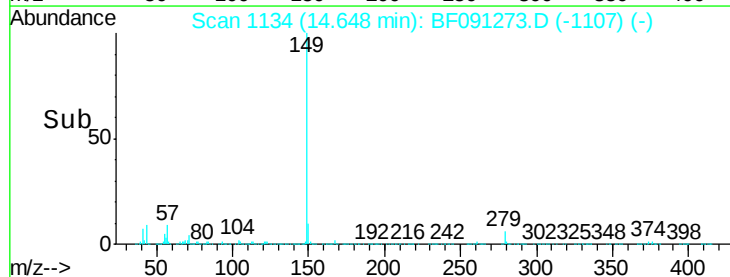
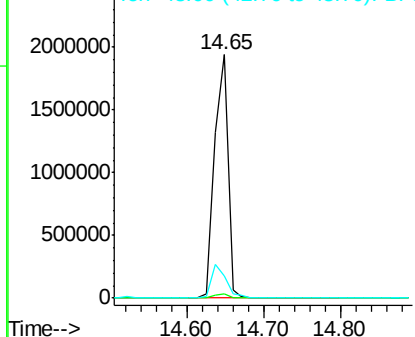
149 100

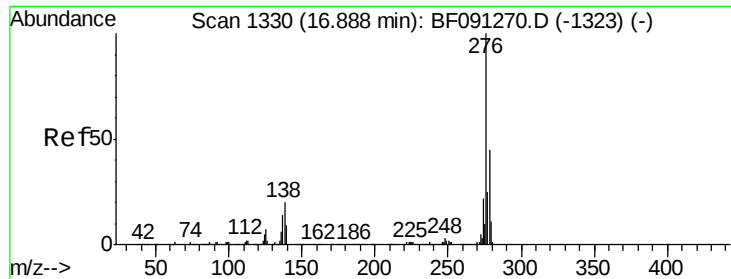
167 1.6 1.3 1.9

43 15.4 11.9 17.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

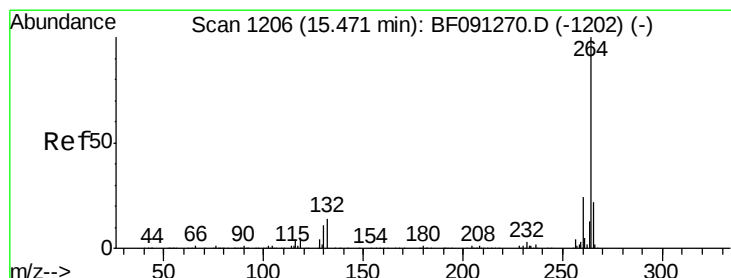
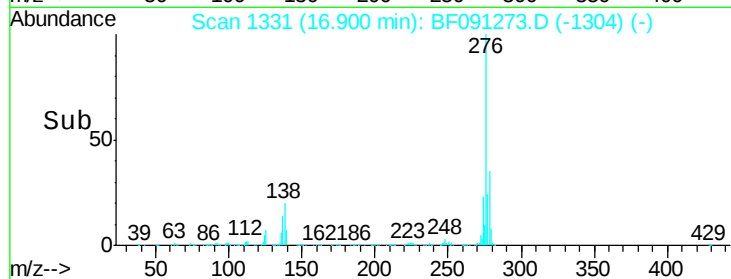
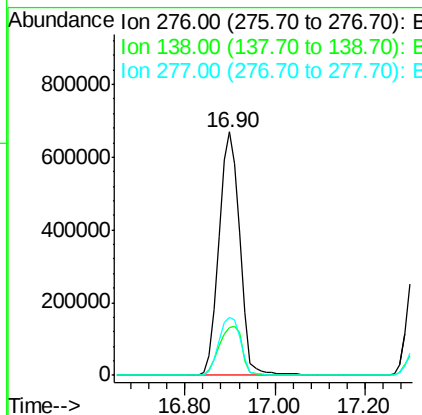
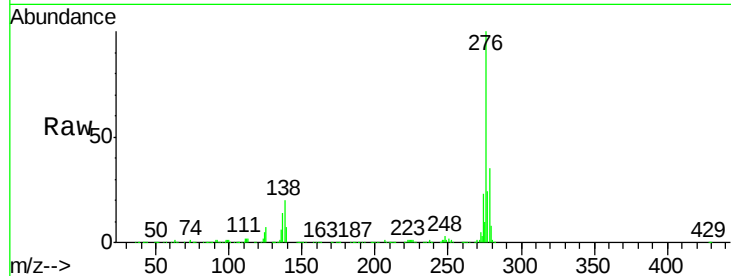




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 84.66 ng
 RT: 16.90 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF091273.D
 Acq: 23 Nov 2016 12:13

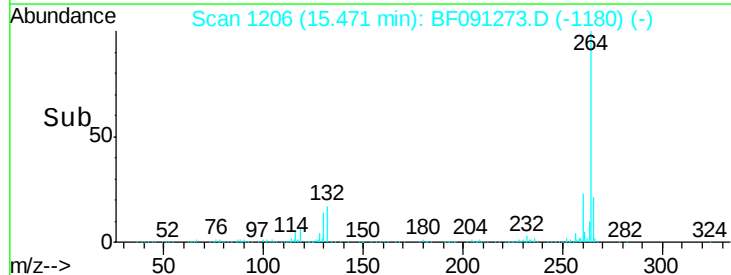
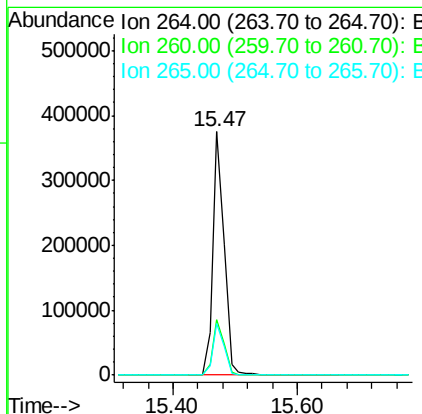
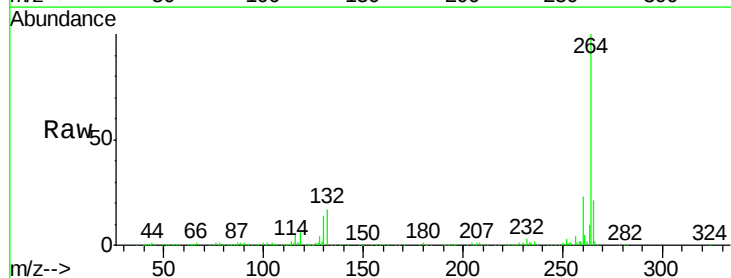
Instrument :
 BNA_F
 ClientSampleId :

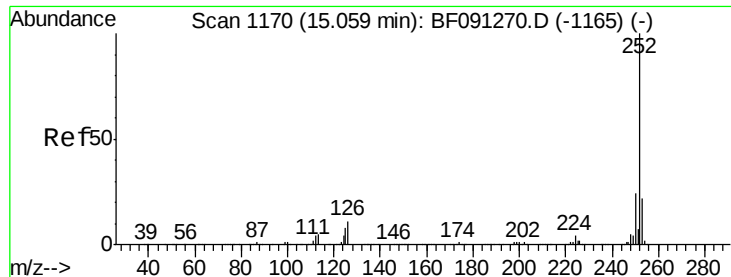
Tot Ion:276 Resp: 2156275
 Ion Ratio Lower Upper
 276 100
 138 22.2 21.0 31.4
 277 25.3 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF091273.D
 Acq: 23 Nov 2016 12:13

Tgt Ion:264 Resp: 462027
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.8 28.2
 265 21.0 17.0 25.6

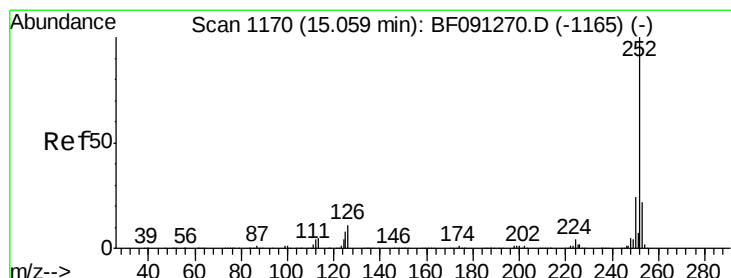
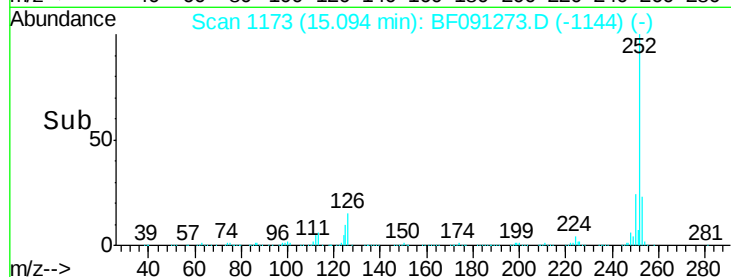
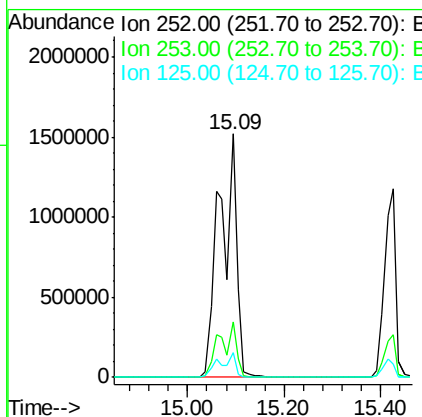
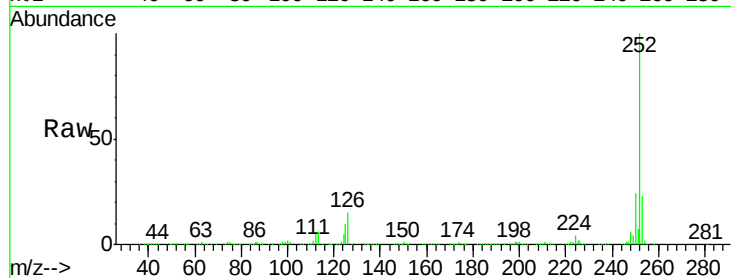




#87
Benzo(b)fluoranthene
Concen: 129.81 ng
RT: 15.09 min Scan# 1173
Delta R.T. 0.03 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

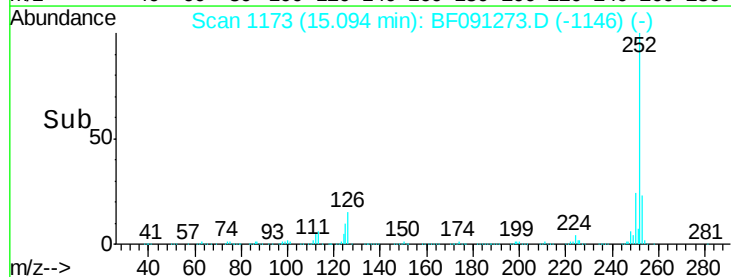
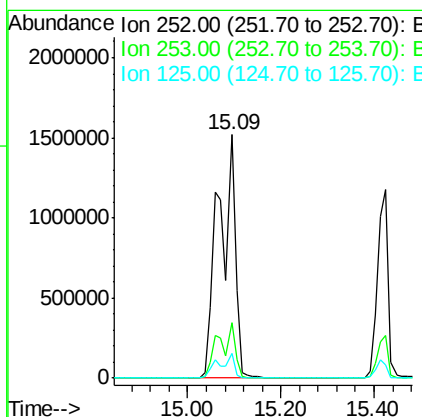
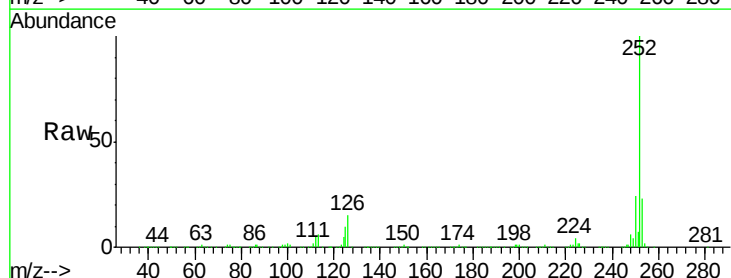
Instrument :
BNA_F
ClientSampleId :

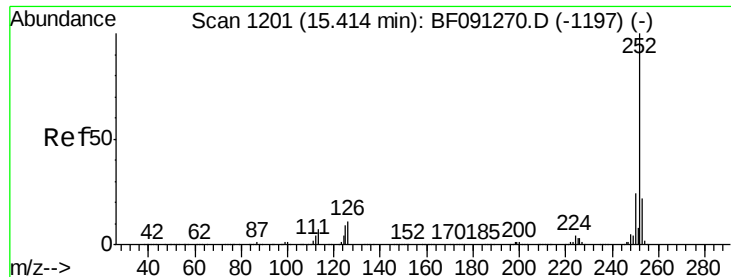
Tot Ion:252 Resp: 3792287
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 10.0 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 153.41 ng
RT: 15.09 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Tgt Ion:252 Resp: 3792986
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 10.0 9.6 14.4

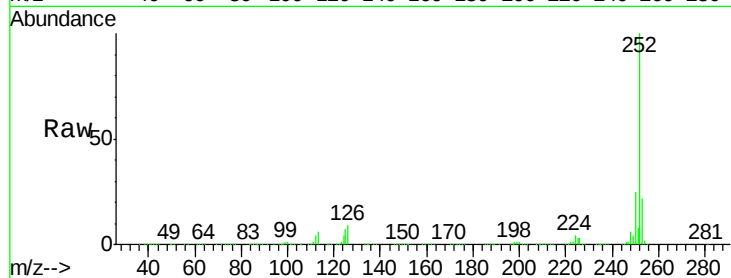




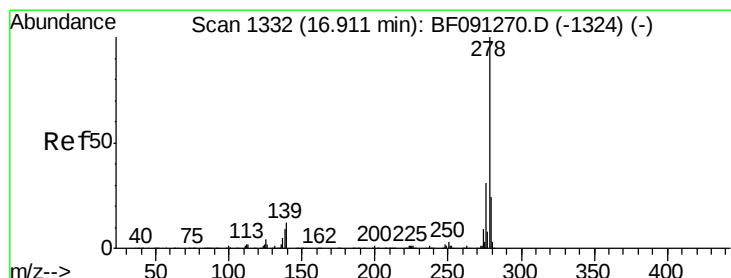
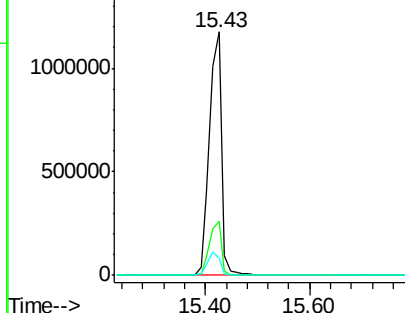
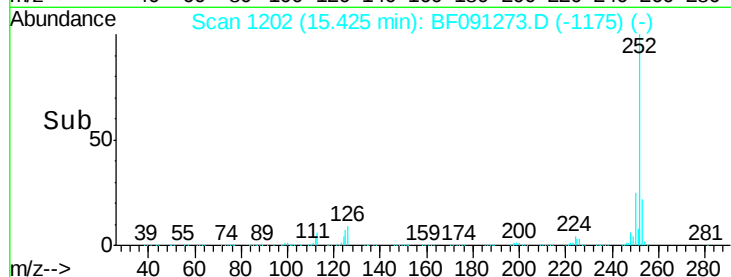
#89
Benzo(a)pyrene
Concen: 76.56 ng
RT: 15.43 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1910078
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 7.2 10.4 15.6#

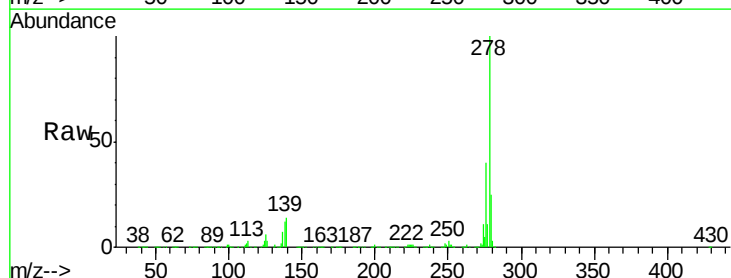


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

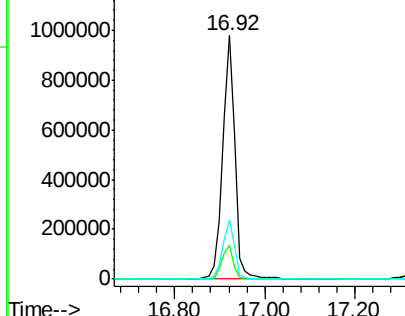
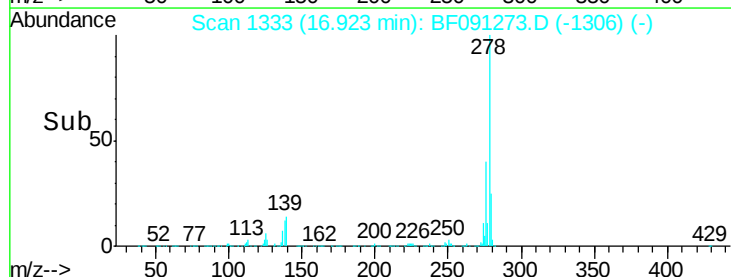


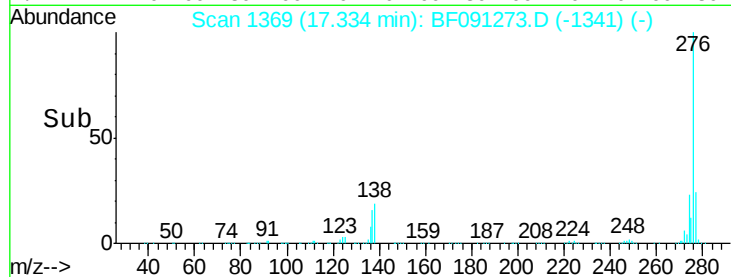
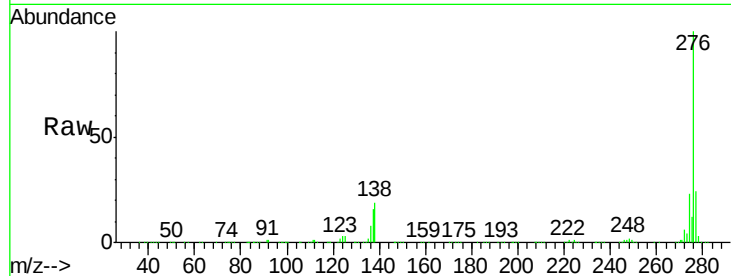
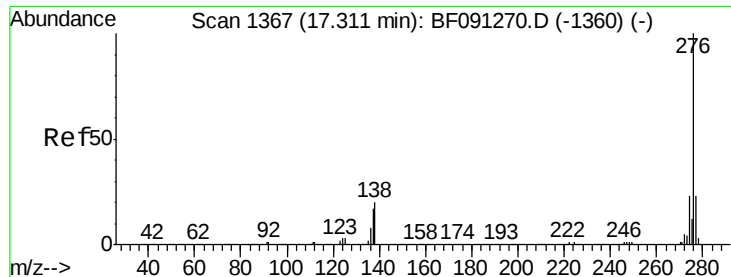
#90
Dibenzo(a,h)anthracene
Concen: 82.05 ng
RT: 16.92 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF091273.D
Acq: 23 Nov 2016 12:13

Tgt Ion:278 Resp: 1871402
Ion Ratio Lower Upper
278 100
139 14.0 15.1 22.7#
279 24.6 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 84.13 ng

RT: 17.33 min Scan# 1369

Delta R.T. 0.02 min

Lab File: BF091273.D

Acq: 23 Nov 2016 12:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1896307

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 19.3 15.4 23.0

