

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110716\
 Data File : BF091057.D
 Acq On : 7 Nov 2016 15:51
 Operator : UM/SJ
 Sample : H5510-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMSD

Quant Time: Nov 07 23:54:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	182515	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	783038	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	397485	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	659851	20.00	ng	-0.03
75) Chrysene-d12	13.84	240	510879	20.00	ng	-0.02
86) Perylene-d12	15.21	264	392138	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1621758	146.75	ng	-0.01
7) Phenol-d6	6.34	99	2202813	146.85	ng	-0.01
23) Nitrobenzene-d5	7.24	82	1485245	103.47	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	541224	150.61	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	2407576	104.28	ng	-0.02
78) Terphenyl-d14	12.79	244	2211509	108.02	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.22	88	216489	34.25	ng	93
3) Pyridine	2.90	79	167913	11.35	ng	98
4) n-Nitrosodimethylamine	2.83	42	265575	45.40	ng	91
6) Aniline	6.34	93	428713	24.23	ng	# 43
8) 2-Chlorophenol	6.46	128	657945	49.91	ng	86
9) Benzaldehyde	6.21	77	98101	11.78	ng	96
10) Phenol	6.35	94	790510	47.62	ng	# 56
11) bis(2-Chloroethyl)ether	6.42	93	683308	48.85	ng	95
12) 1,3-Dichlorobenzene	6.61	146	643188	48.24	ng	100
13) 1,4-Dichlorobenzene	6.69	146	649476	45.40	ng	99
14) 1,2-Dichlorobenzene	6.84	146	610739	46.52	ng	99
15) Benzyl Alcohol	6.83	79	493496	46.64	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.97	45	773565	38.62	ng	98
17) 2-Methylphenol	6.96	107	518695	49.70	ng	97
18) Hexachloroethane	7.18	117	263394	47.58	ng	99
19) n-Nitroso-di-n-propylamine	7.10	70	489719	47.11	ng	95
20) 3+4-Methylphenols	7.10	107	646765	51.62	ng	89
22) Acetophenone	7.09	105	874971	48.53	ng	# 96
24) Nitrobenzene	7.26	77	741857	46.80	ng	97
25) Isophorone	7.50	82	1337733	48.36	ng	100
26) 2-Nitrophenol	7.58	139	356318	53.11	ng	# 71
27) 2,4-Dimethylphenol	7.63	122	533757	48.11	ng	95
28) bis(2-Chloroethoxy)methane	7.72	93	773775	51.21	ng	99
29) 2,4-Dichlorophenol	7.82	162	477240	49.29	ng	95
30) 1,2,4-Trichlorobenzene	7.90	180	539663	49.57	ng	100
31) Naphthalene	7.98	128	1853110	49.48	ng	100
32) Benzoic acid	7.72	122	17506	6.88	ng	# 79
33) 4-Chloroaniline	8.04	127	246649	15.84	ng	99
34) Hexachlorobutadiene	8.10	225	281346	47.88	ng	100
35) Caprolactam	8.36	113	9962	3.27	ng	100
36) 4-Chloro-3-methylphenol	8.54	107	627945	53.57	ng	100
37) 2-Methylnaphthalene	8.67	142	1151387	47.83	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	516061	50.92	ng	99
40) Hexachlorocyclopentadiene	8.83	237	485182	119.71	ng	99

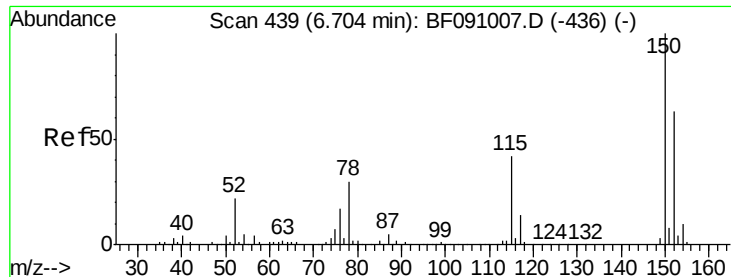
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	364973	55.79	ng	96
43) 2,4,5-Trichlorophenol	9.01	196	365088	53.15	ng	97
45) 1,1'-Biphenyl	9.14	154	1336323	46.04	ng	99
46) 2-Chloronaphthalene	9.16	162	1118780	50.77	ng	98
47) 2-Nitroaniline	9.26	65	401441	49.09	ng	87
48) Acenaphthylene	9.57	152	1648476	48.00	ng	99
49) Dimethylphthalate	9.46	163	1849143	70.95	ng	100
50) 2,6-Dinitrotoluene	9.52	165	292622	52.39	ng	86
51) Acenaphthene	9.74	154	1052228	48.80	ng	100
52) 3-Nitroaniline	9.69	138	216110	32.63	ng	# 78
53) 2,4-Dinitrophenol	9.79	184	127657	44.93	ng	# 50
54) Dibenzofuran	9.93	168	1596438	55.01	ng	92
55) 4-Nitrophenol	9.87	139	441767	98.70	ng	# 81
56) 2,4-Dinitrotoluene	9.93	165	399465	56.21	ng	# 87
57) Fluorene	10.27	166	1222893	51.55	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.05	232	276205	51.33	ng	99
59) Diethylphthalate	10.16	149	1361327	50.94	ng	99
60) 4-Chlorophenyl-phenylether	10.26	204	558095	51.69	ng	# 88
61) 4-Nitroaniline	10.30	138	324861	48.48	ng	96
62) Azobenzene	10.42	77	1597072	50.77	ng	89
64) 4,6-Dinitro-2-methylphenol	10.34	198	169440	41.93	ng	99
65) n-Nitrosodiphenylamine	10.38	169	1077018	51.35	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	382158	55.68	ng	# 70
67) Hexachlorobenzene	10.81	284	366328	48.39	ng	# 84
68) Atrazine	10.92	200	367622	60.76	ng	96
69) Pentachlorophenol	11.01	266	335775	100.15	ng	99
70) Phenanthrene	11.22	178	1611757	45.95	ng	99
71) Anthracene	11.28	178	1928071	51.70	ng	99
72) Carbazole	11.44	167	1824262	54.28	ng	98
73) Di-n-butylphthalate	11.77	149	1831633	43.34	ng	# 98
74) Fluoranthene	12.41	202	1888911	51.92	ng	91
76) Benzidine	12.53	184	78861	6.91	ng	97
77) Pyrene	12.64	202	1786107	53.38	ng	99
79) Butylbenzylphthalate	13.27	149	900858	56.29	ng	# 75
80) Benzo(a)anthracene	13.81	228	1523223	52.51	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	342516	33.61	ng	# 99
82) Chrysene	13.86	228	1584450	55.40	ng	97
83) Bis(2-ethylhexyl)phthalate	13.83	149	1060980	48.99	ng	# 95
84) Di-n-octyl phthalate	14.43	149	1752711	49.22	ng	98
85) Indeno(1,2,3-cd)pyrene	16.51	276	1198504	50.50	ng	99
87) Benzo(b)fluoranthene	14.85	252	2498624	93.95	ng	# 97
88) Benzo(k)fluoranthene	14.85	252	2499753	107.15	ng	99
89) Benzo(a)pyrene	15.15	252	1128659	48.75	ng	# 96
90) Dibenzo(a,h)anthracene	16.52	278	1012627	50.59	ng	99
91) Benzo(g,h,i)perylene	16.90	276	950130	52.49	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 436

Delta R.T. -0.03 min

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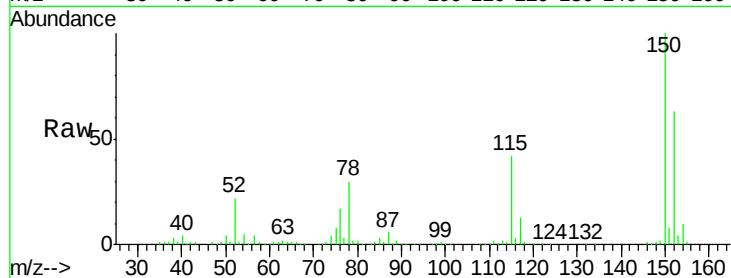
Tgt Ion:152 Resp: 182515

Ion Ratio Lower Upper

152 100

150 158.7 126.8 190.2

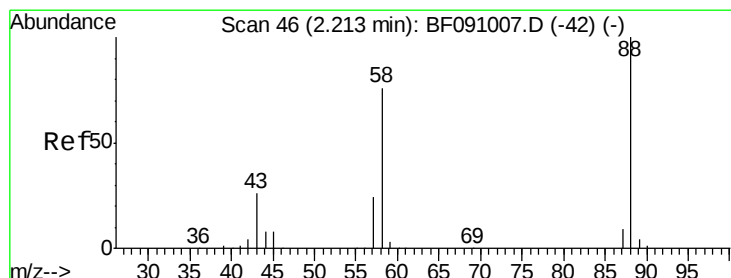
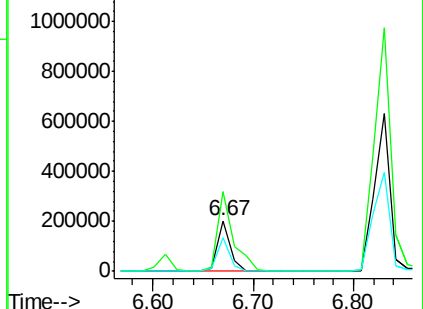
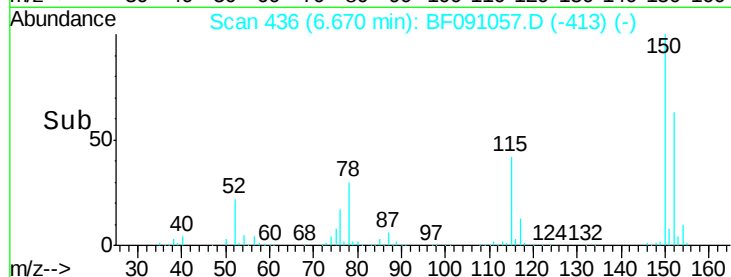
115 67.4 53.3 79.9



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: 34.25 ng

RT: 2.22 min Scan# 47

Delta R.T. 0.01 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

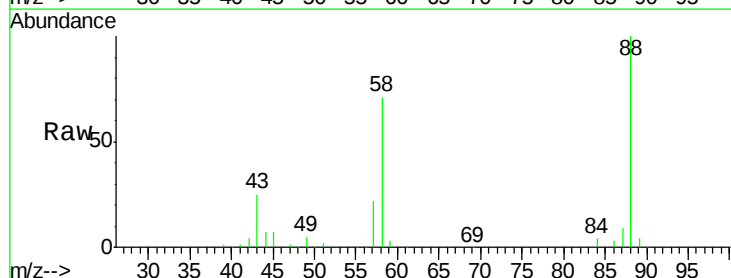
Tgt Ion: 88 Resp: 216489

Ion Ratio Lower Upper

88 100

58 72.5 63.8 95.6

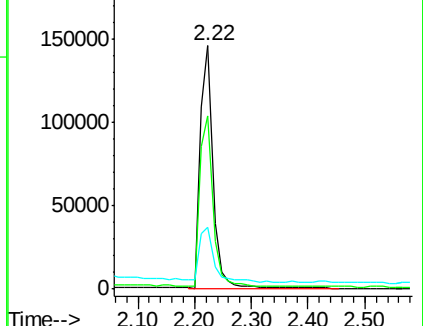
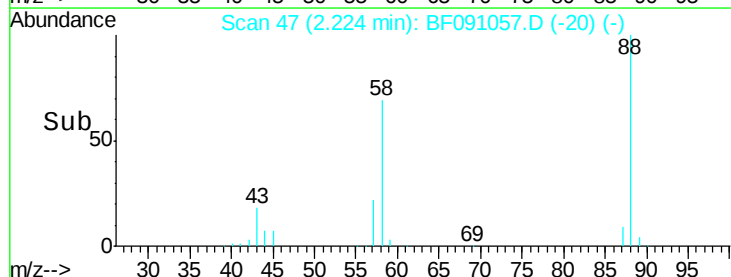
43 26.2 22.6 33.8

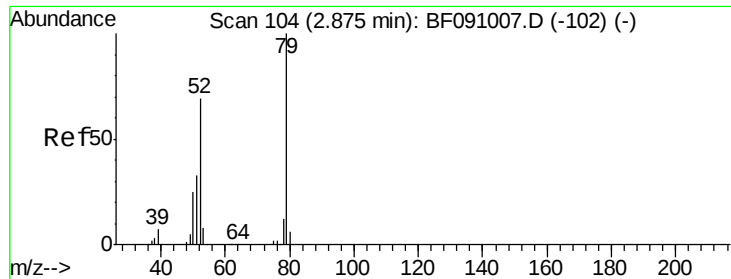


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 11.35 ng

RT: 2.90 min Scan# 106

Delta R.T. 0.02 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

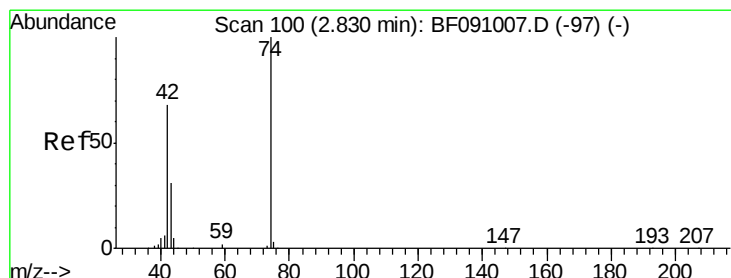
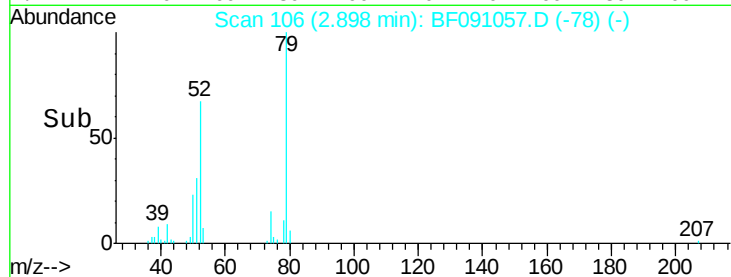
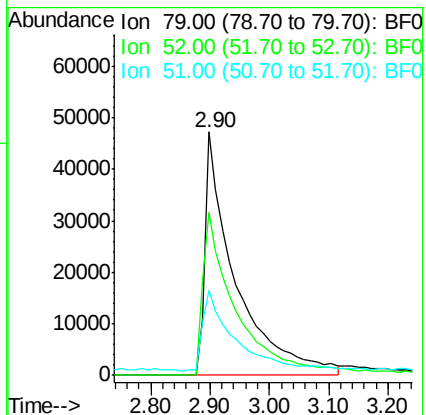
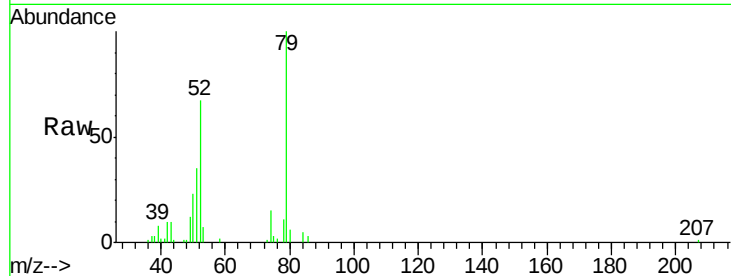
Tgt Ion: 79 Resp: 167913

Ion Ratio Lower Upper

79 100

52 66.8 55.4 83.0

51 34.8 27.4 41.0



#4

n-Nitrosodimethylamine

Concen: 45.40 ng

RT: 2.83 min Scan# 100

Delta R.T. 0.00 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

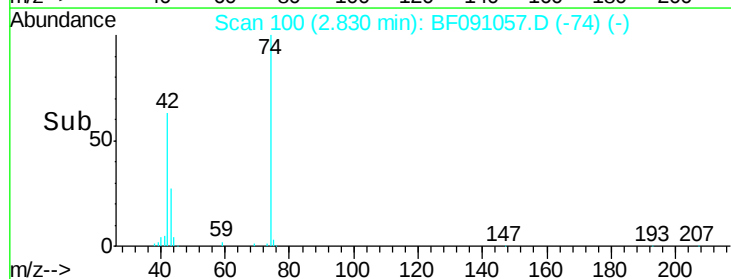
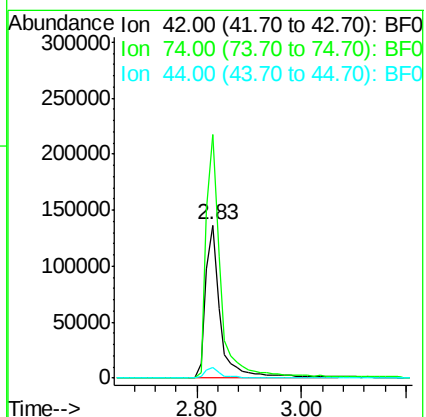
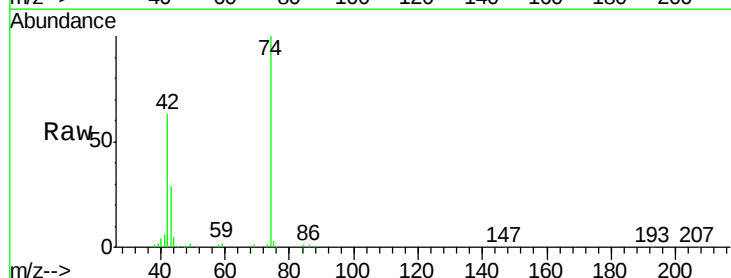
Tgt Ion: 42 Resp: 265575

Ion Ratio Lower Upper

42 100

74 159.0 117.3 175.9

44 7.2 5.8 8.8





#5

2-Fluorophenol

Concen: 146.75 ng

RT: 5.28 min Scan# 314

Delta R.T. -0.01 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

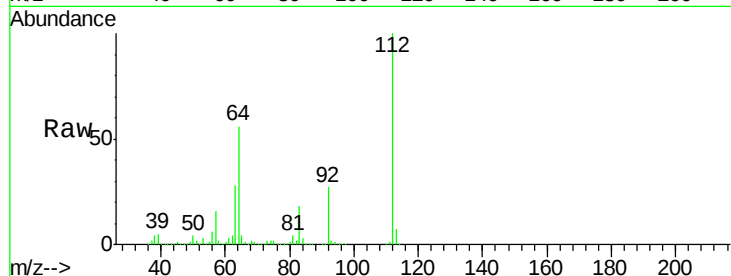
Tgt Ion: 112 Resp: 1621758

Ion Ratio Lower Upper

112 100

64 55.8 55.8 83.6

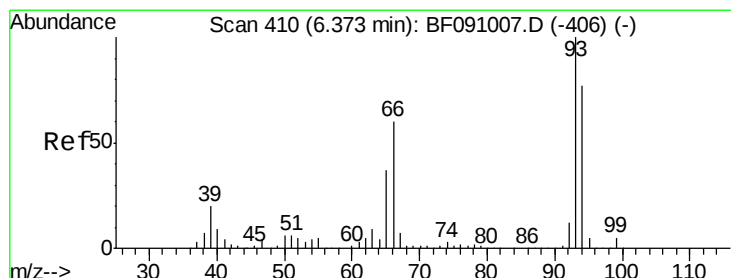
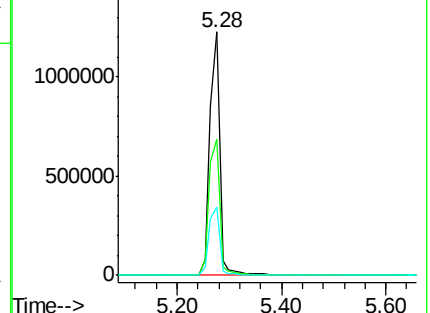
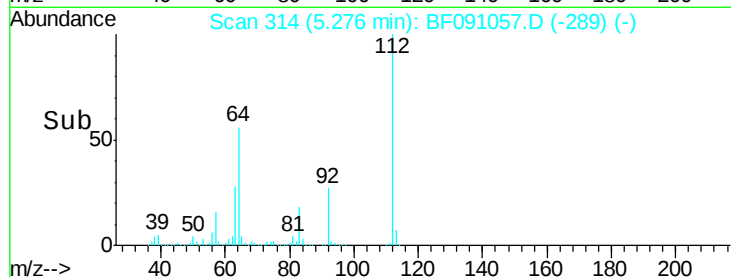
63 28.0 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.23 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

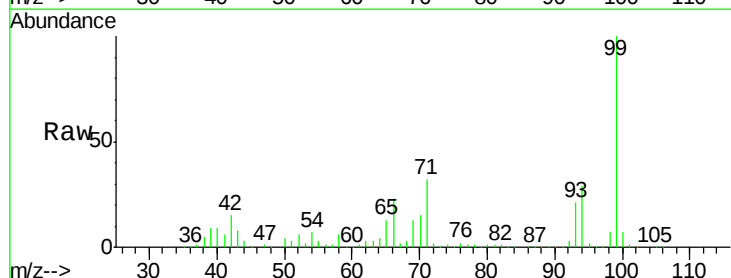
Tgt Ion: 93 Resp: 428713

Ion Ratio Lower Upper

93 100

66 110.1 48.2 72.2#

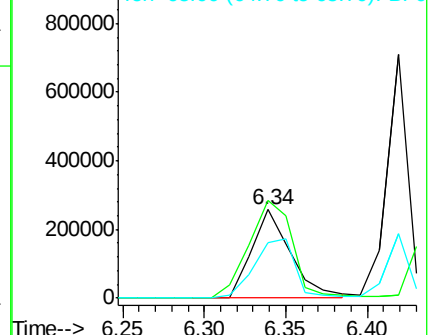
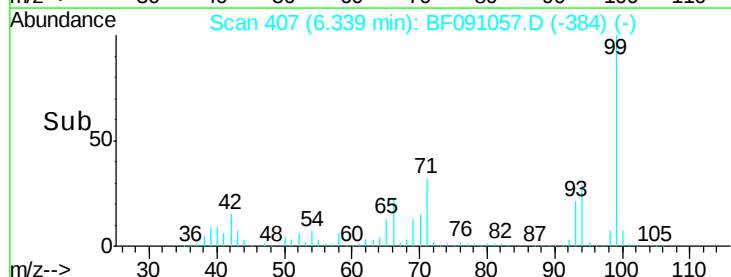
65 62.3 29.4 44.0#



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: 146.85 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.01 min

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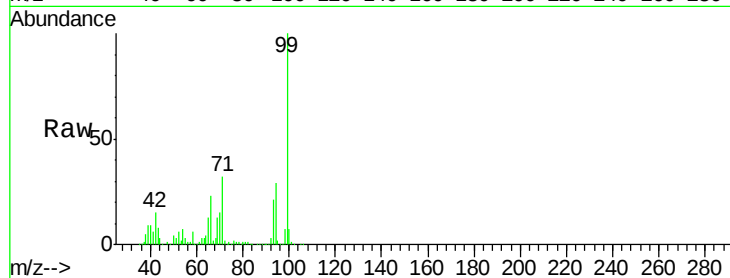
Tgt Ion: 99 Resp: 2202813

Ion Ratio Lower Upper

99 100

42 14.6 13.9 20.9

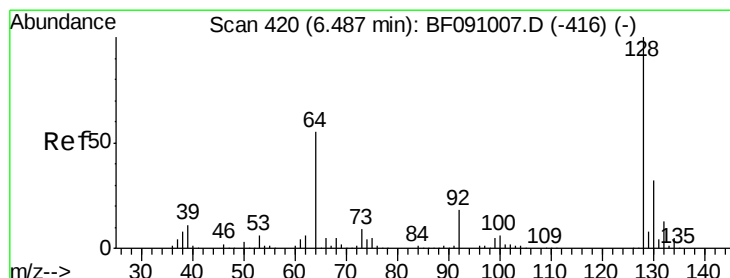
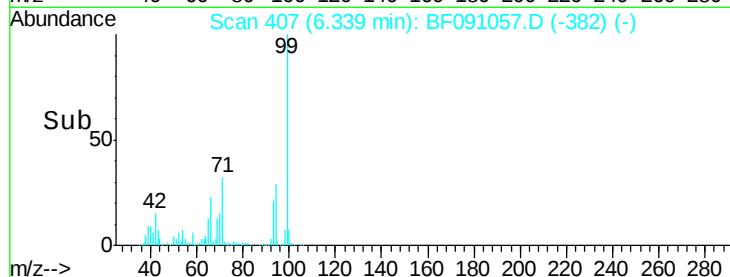
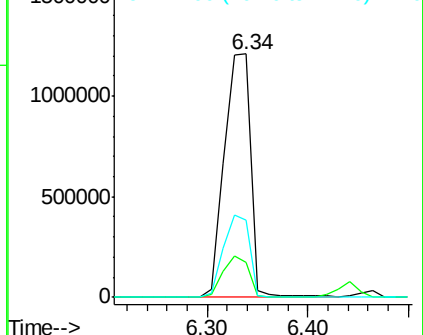
71 31.5 27.8 41.8



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: 49.91 ng

RT: 6.46 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

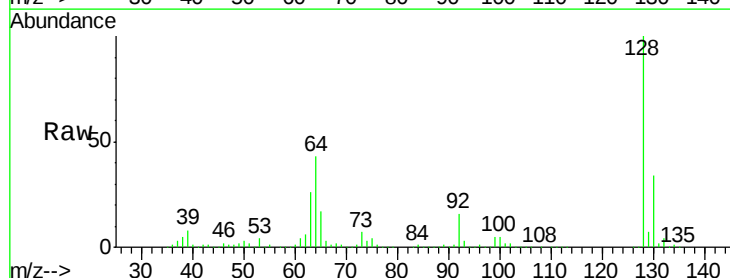
Tgt Ion: 128 Resp: 657945

Ion Ratio Lower Upper

128 100

130 33.8 12.0 52.0

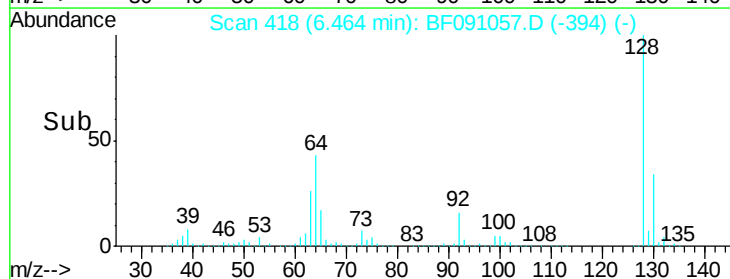
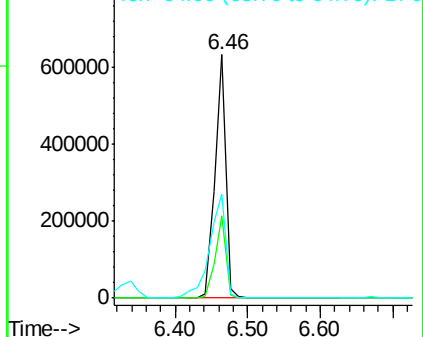
64 42.5 37.2 77.2

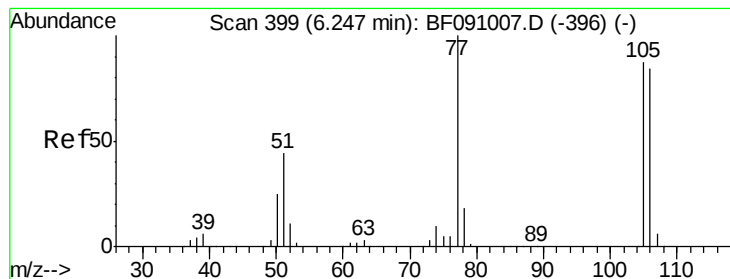


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.78 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.03 min

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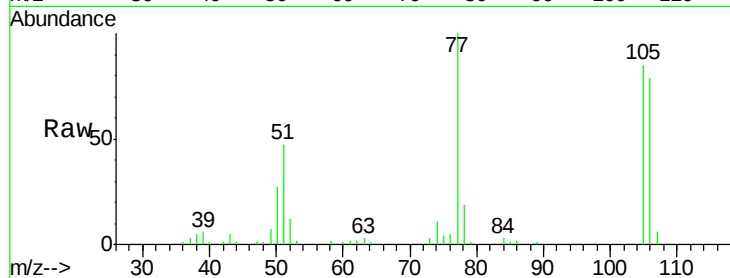
Tgt Ion: 77 Resp: 98101

Ion Ratio Lower Upper

77 100

105 84.5 66.8 106.8

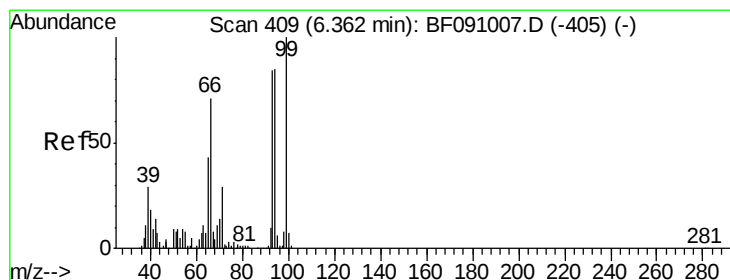
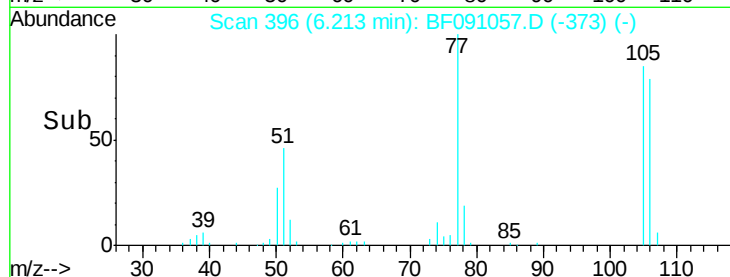
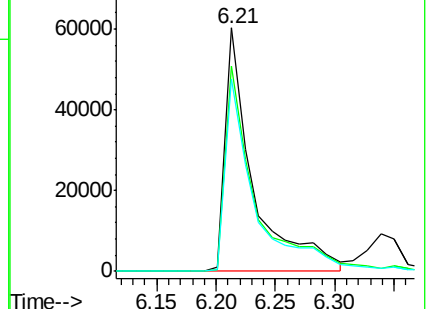
106 79.3 64.0 104.0



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: 47.62 ng

RT: 6.35 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

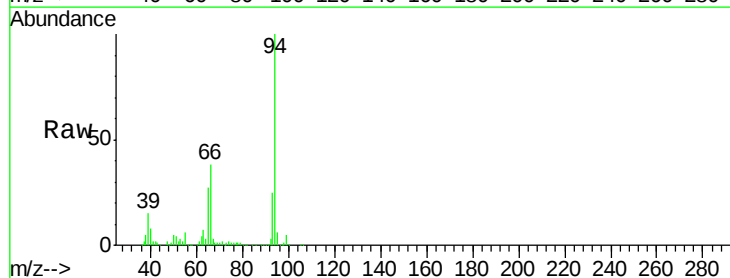
Tgt Ion: 94 Resp: 790510

Ion Ratio Lower Upper

94 100

65 27.2 30.4 70.4#

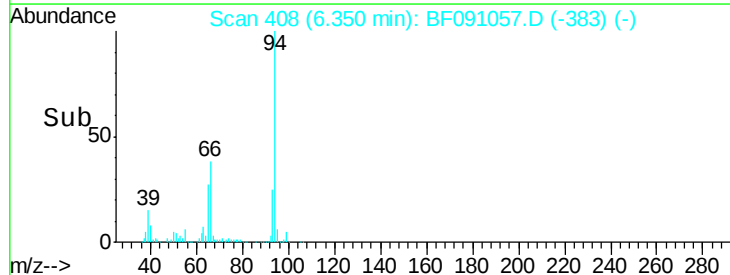
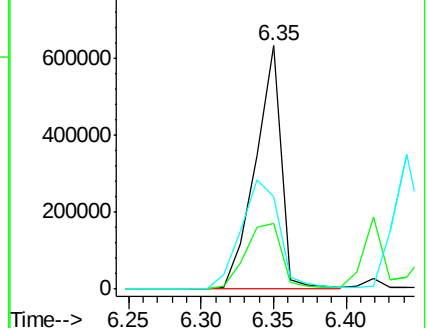
66 37.9 62.9 102.9#

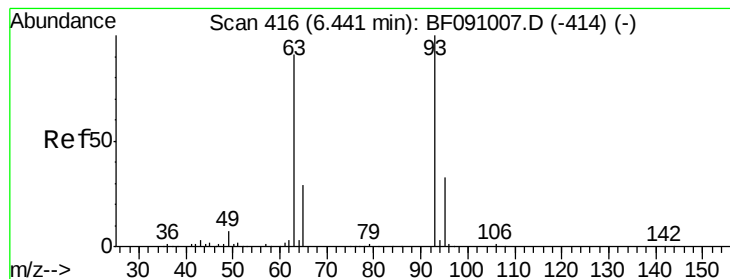


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 48.85 ng

RT: 6.42 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

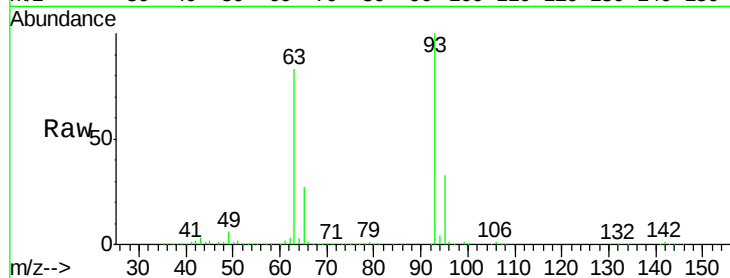
Tgt Ion: 93 Resp: 683308

Ion Ratio Lower Upper

93 100

63 82.7 68.9 108.9

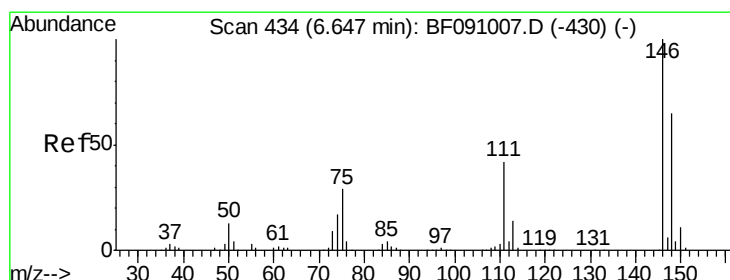
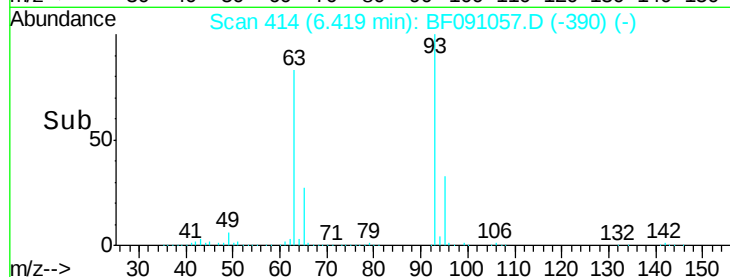
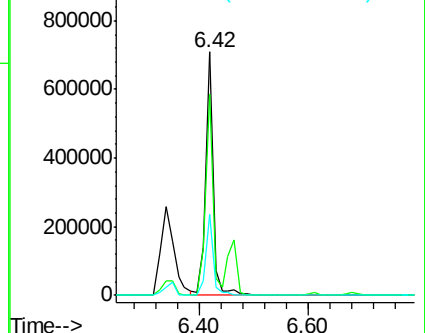
95 33.3 12.3 52.3



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: 48.24 ng

RT: 6.61 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

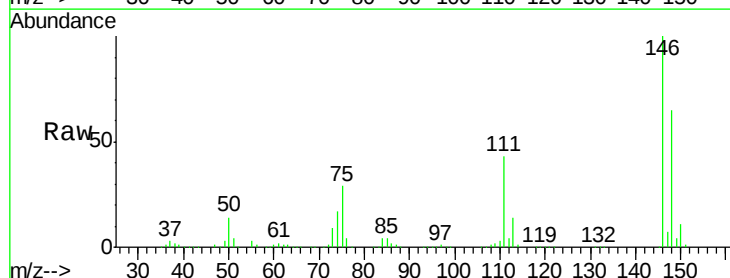
Tgt Ion: 146 Resp: 643188

Ion Ratio Lower Upper

146 100

148 65.1 52.0 78.0

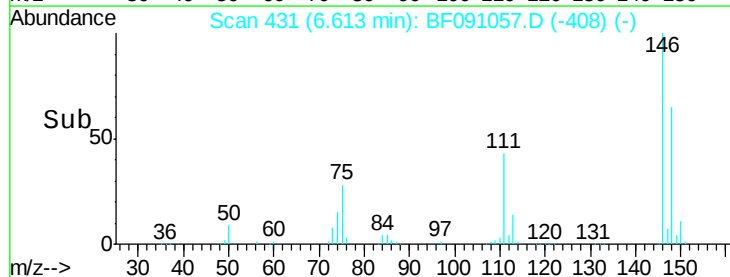
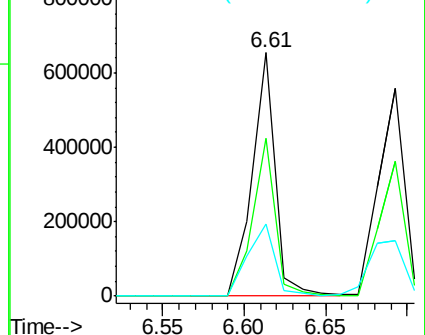
75 29.5 23.0 34.6

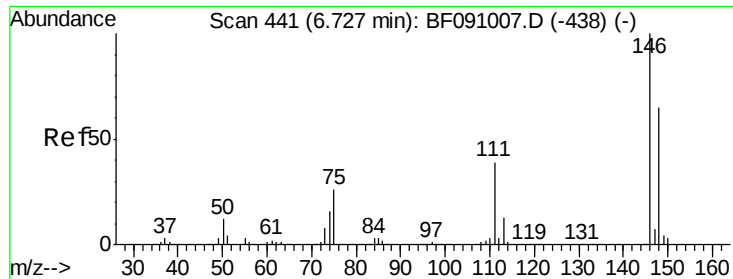


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

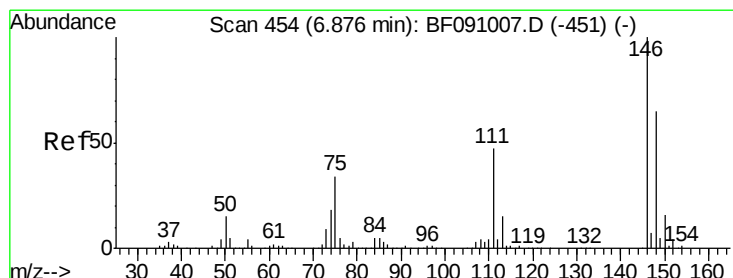
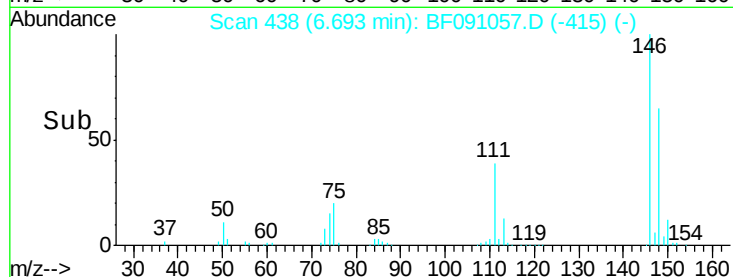
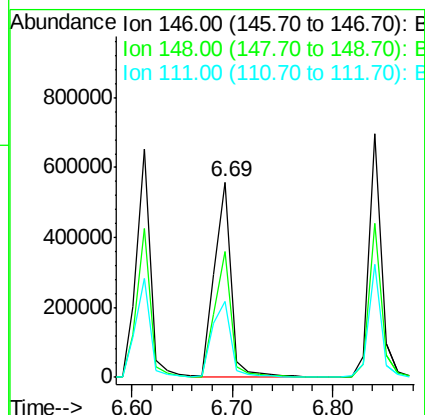
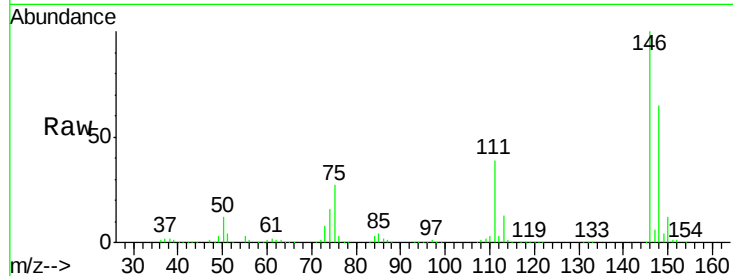




#13
 1,4-Dichlorobenzene
 Concen: 45.40 ng
 RT: 6.69 min Scan# 438
 Delta R.T. -0.03 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

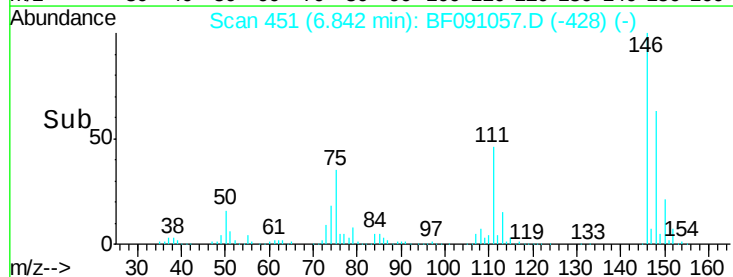
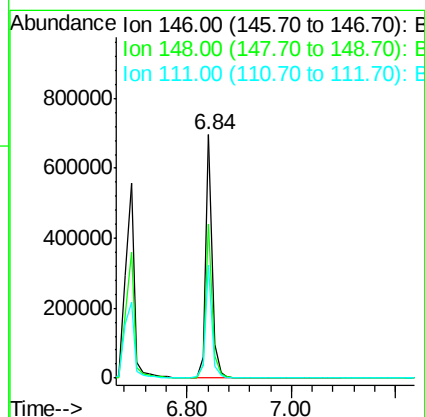
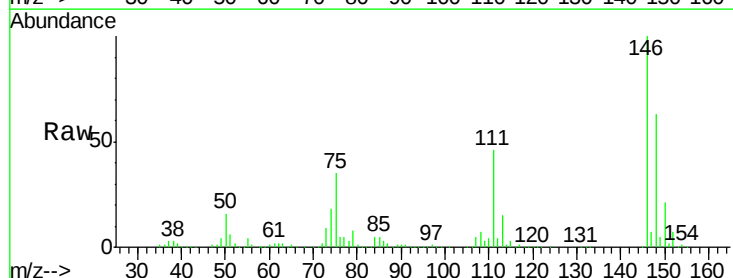
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMSD

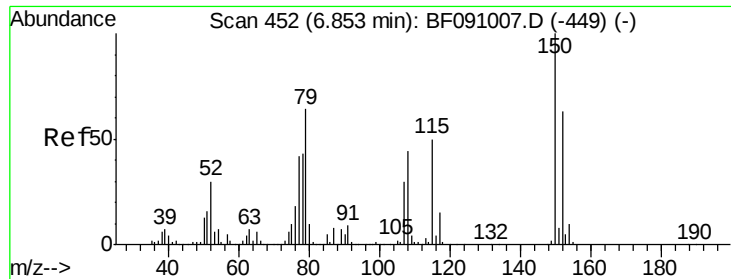
Tgt Ion:146 Resp: 649476
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.1 78.1
 111 39.2 31.6 47.4



#14
 1,2-Dichlorobenzene
 Concen: 46.52 ng
 RT: 6.84 min Scan# 451
 Delta R.T. -0.03 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Tgt Ion:146 Resp: 610739
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.6 77.4
 111 46.5 37.3 55.9





#15

Benzyl Alcohol

Concen: 46.64 ng

RT: 6.83 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

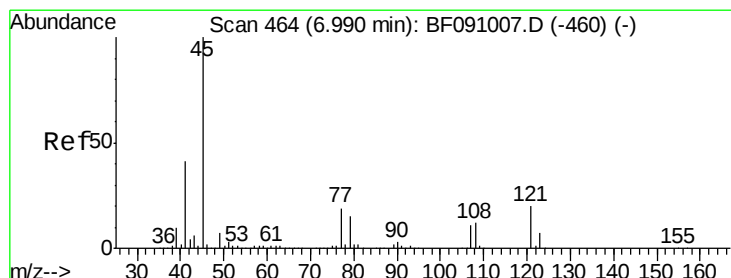
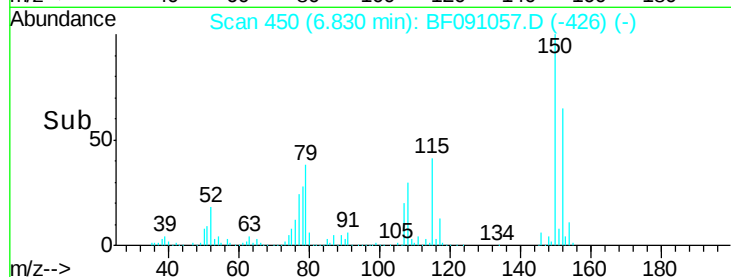
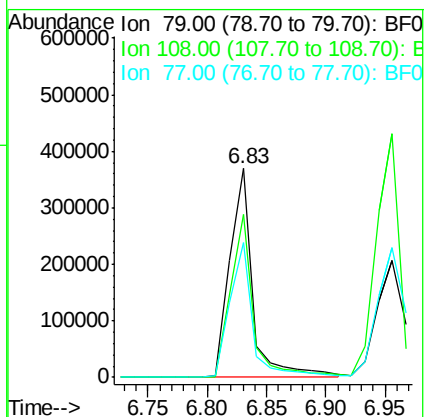
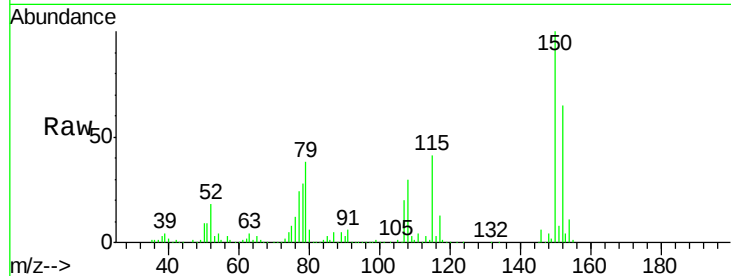
Tgt Ion: 79 Resp: 493496

Ion Ratio Lower Upper

79 100

108 78.2 55.7 83.5

77 64.6 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.62 ng

RT: 6.97 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

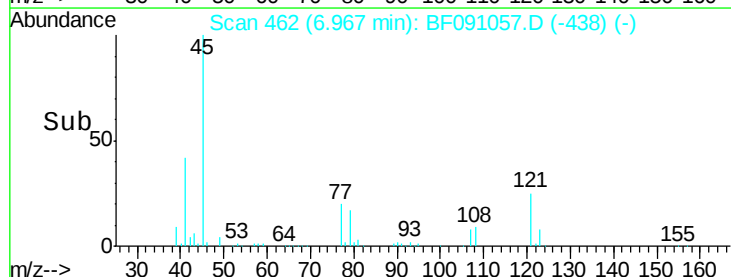
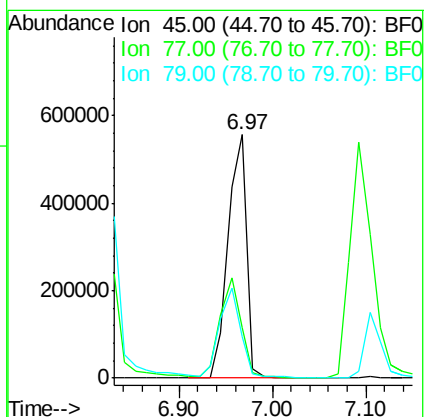
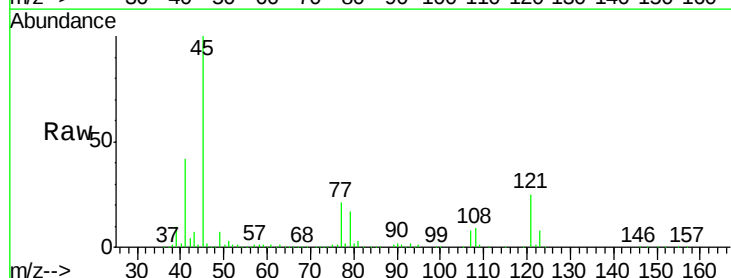
Tgt Ion: 45 Resp: 773565

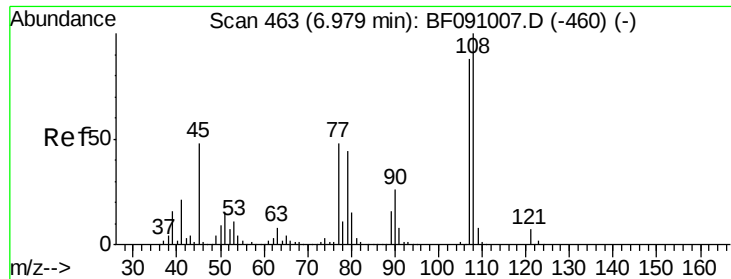
Ion Ratio Lower Upper

45 100

77 20.5 0.0 39.6

79 16.8 0.0 35.9

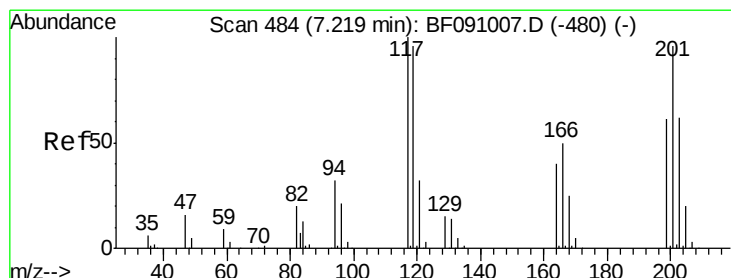
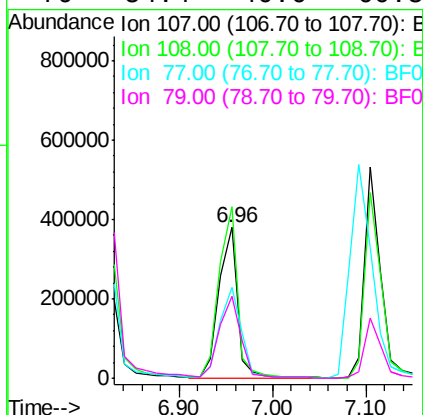
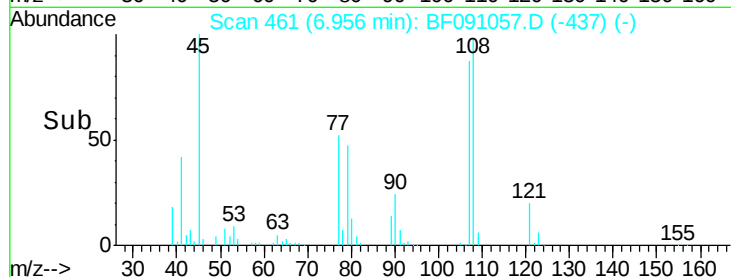
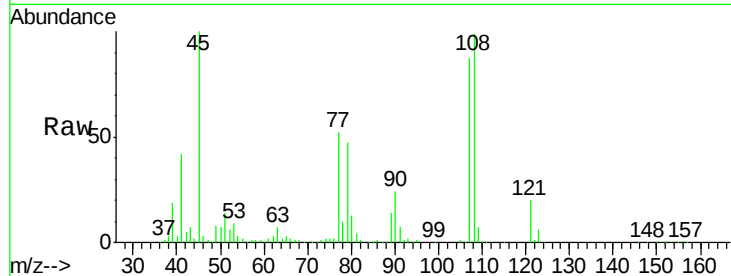




#17
2-Methylphenol
Concen: 49.70 ng
RT: 6.96 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

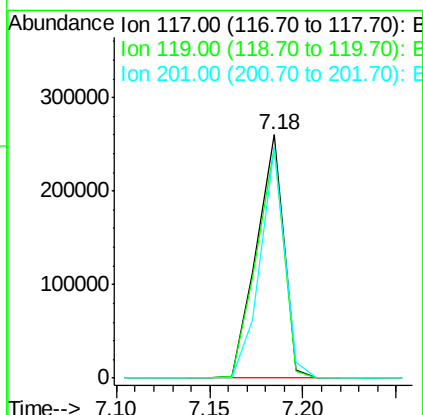
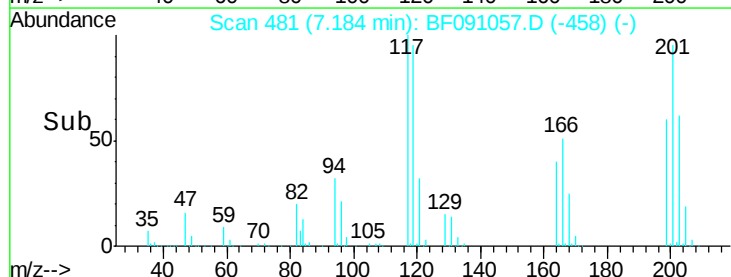
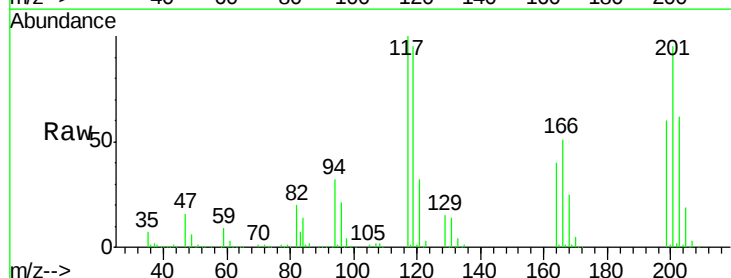
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

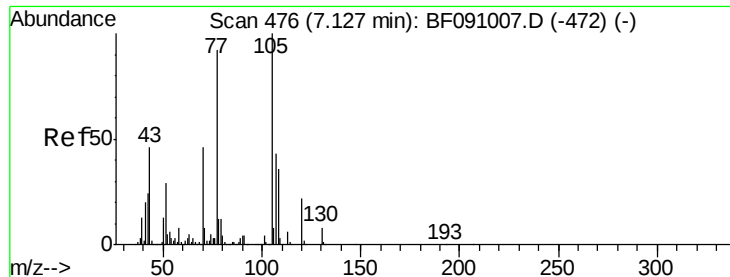
Tgt Ion:107 Resp: 518695
Ion Ratio Lower Upper
107 100
108 113.2 91.0 136.6
77 60.1 43.8 65.8
79 54.4 40.6 60.8



#18
Hexachloroethane
Concen: 47.58 ng
RT: 7.18 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion:117 Resp: 263394
Ion Ratio Lower Upper
117 100
119 94.9 76.6 115.0
201 94.9 77.1 115.7

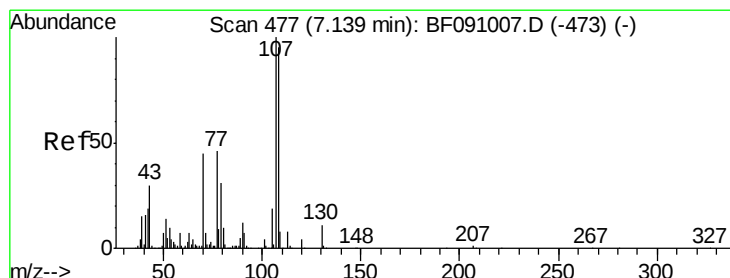
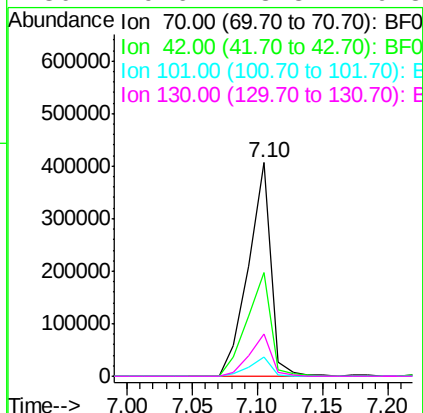
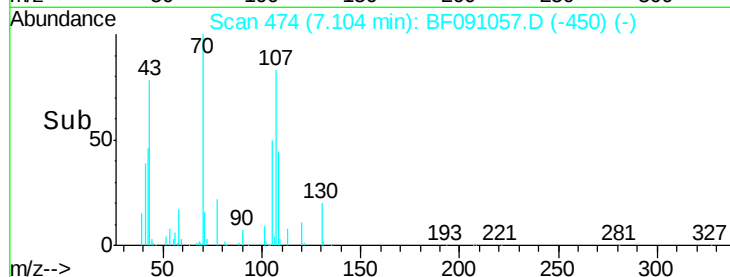
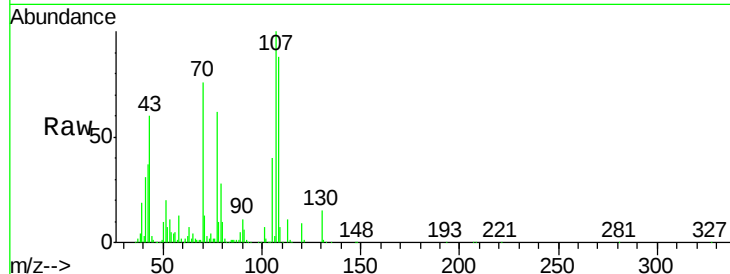




#19
n-Nitroso-di-n-propylamine
Concen: 47.11 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

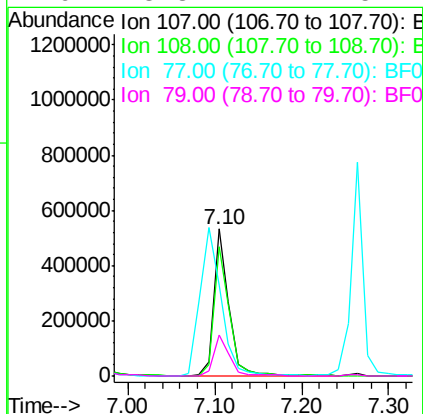
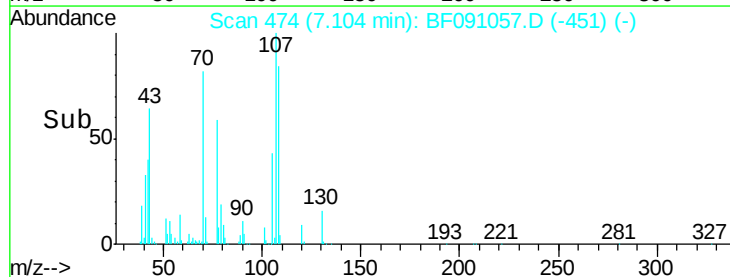
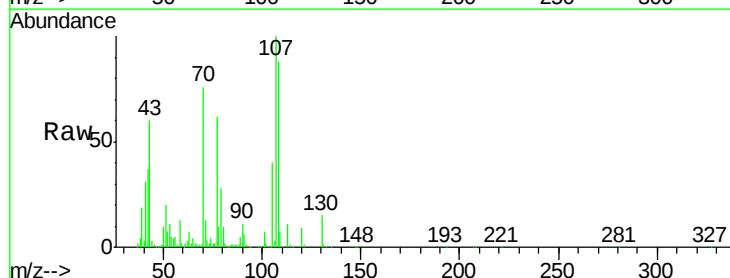
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

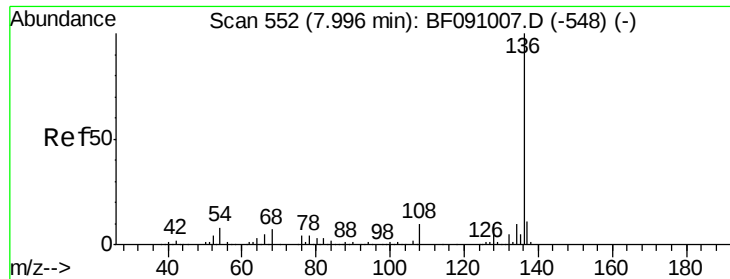
Tgt Ion: 70 Resp: 489719
Ion Ratio Lower Upper
70 100
42 48.6 41.7 62.5
101 9.3 6.7 10.1
130 19.6 13.8 20.8



#20
3+4-Methylphenols
Concen: 51.62 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion: 107 Resp: 646765
Ion Ratio Lower Upper
107 100
108 87.8 75.5 115.5
77 61.7 26.4 66.4
79 28.3 11.1 51.1

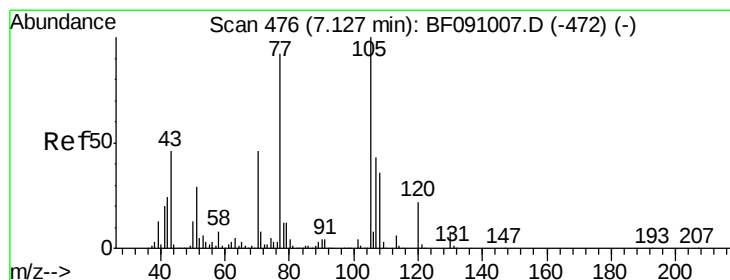
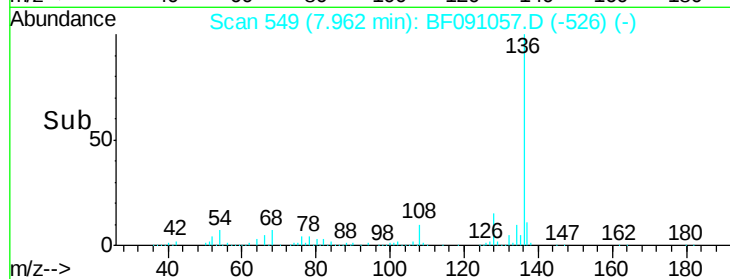
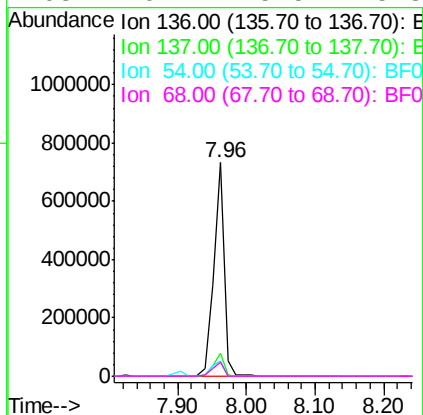
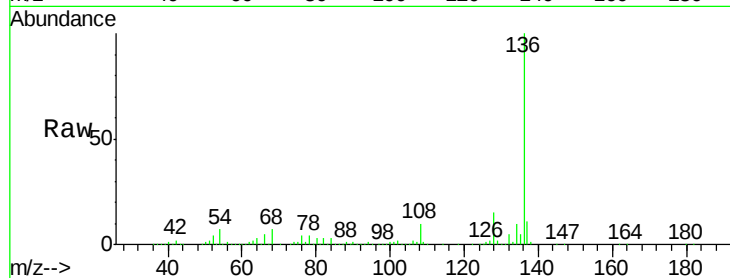




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

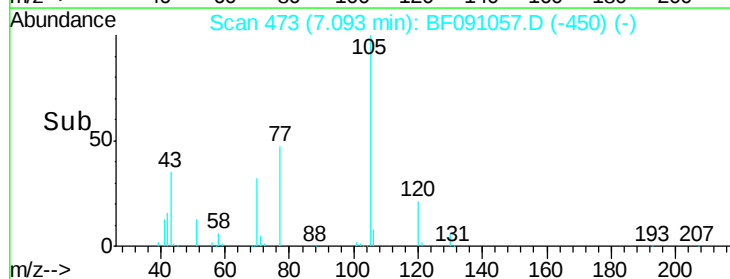
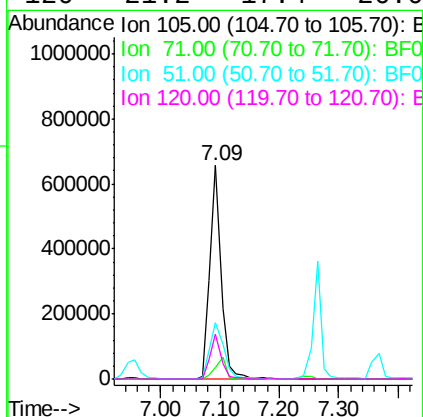
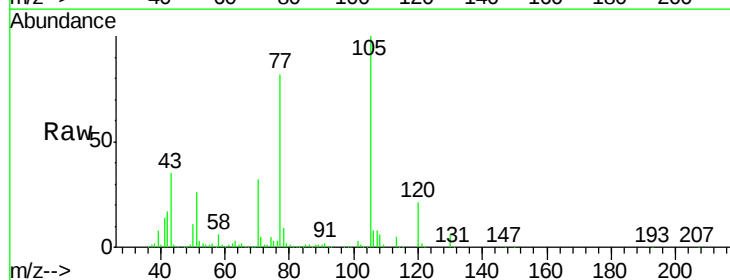
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

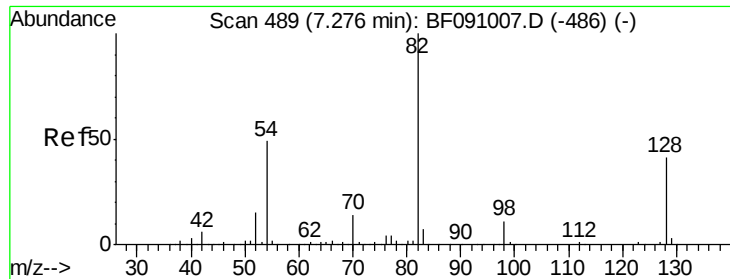
Tgt Ion:	136	Resp:	783038
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.4	6.2	9.2
68	6.7	5.5	8.3



#22
Acetophenone
Concen: 48.53 ng
RT: 7.09 min Scan# 473
Delta R.T. -0.03 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion:	105	Resp:	874971
Ion	Ratio	Lower	Upper
105	100		
71	5.4	6.2	9.2#
51	26.1	23.3	34.9
120	21.2	17.4	26.0

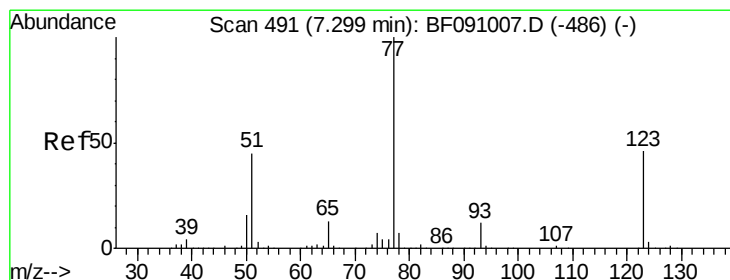
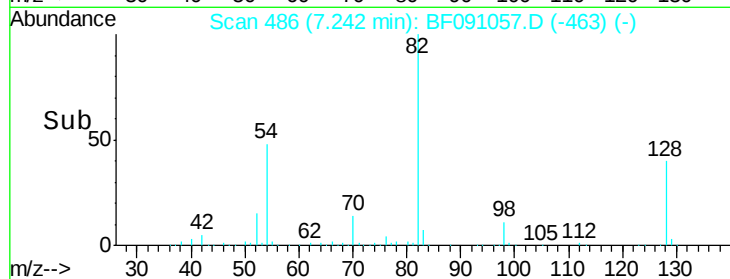
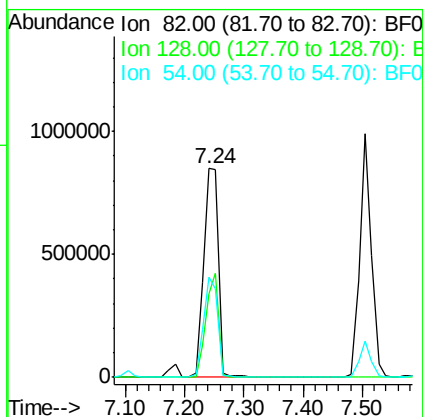
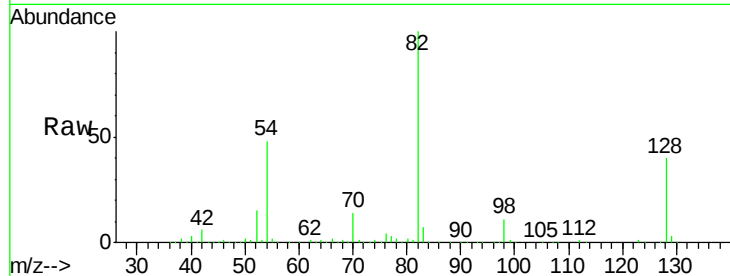




#23
 Nitrobenzene-d5
 Concen: 103.47 ng
 RT: 7.24 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

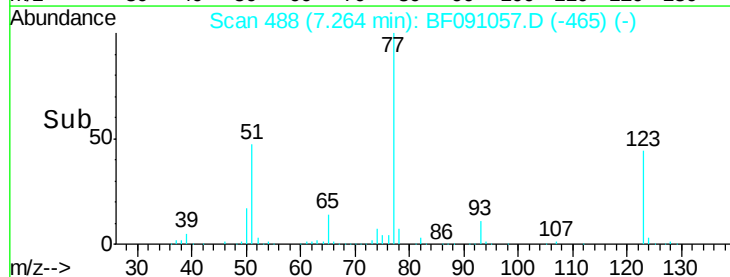
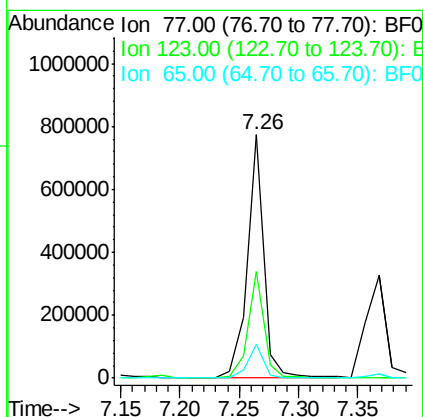
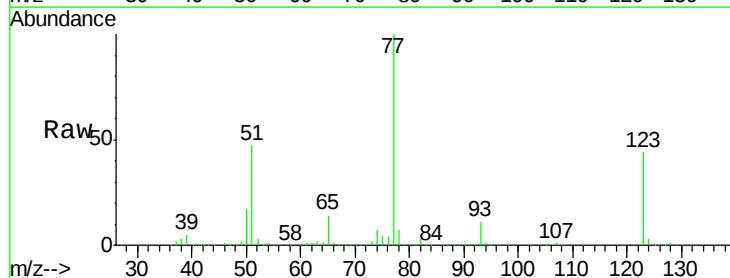
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMSD

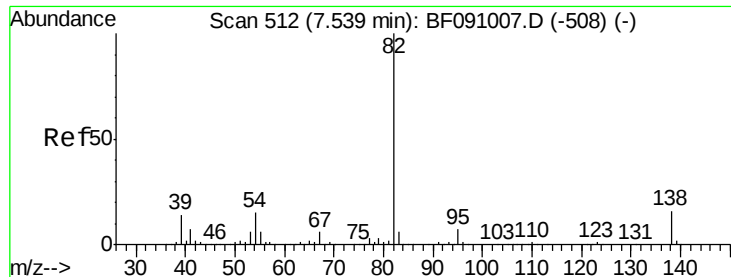
Tgt Ion: 82 Resp: 1485245
 Ion Ratio Lower Upper
 82 100
 128 40.1 32.4 48.6
 54 48.3 39.2 58.8



#24
 Nitrobenzene
 Concen: 46.80 ng
 RT: 7.26 min Scan# 488
 Delta R.T. -0.03 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Tgt Ion: 77 Resp: 741857
 Ion Ratio Lower Upper
 77 100
 123 43.6 36.5 54.7
 65 13.7 10.7 16.1





#25

Isophorone

Concen: 48.36 ng

RT: 7.50 min Scan# 509

Delta R.T. -0.03 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

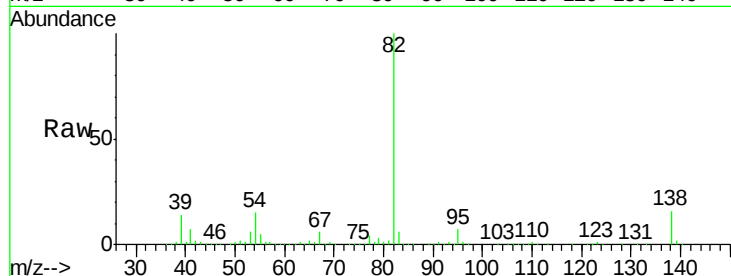
Tgt Ion: 82 Resp: 1337733

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

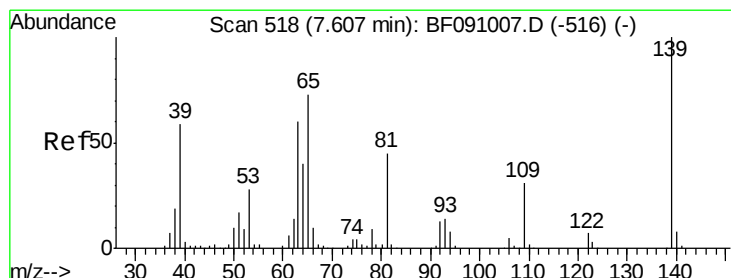
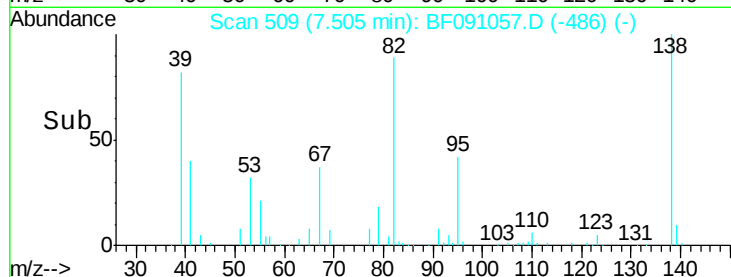
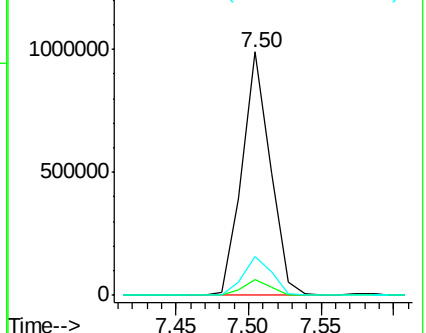
138 16.1 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 53.11 ng

RT: 7.58 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

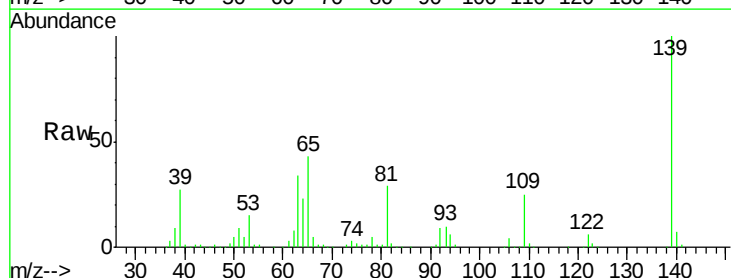
Tgt Ion: 139 Resp: 356318

Ion Ratio Lower Upper

139 100

109 24.7 24.7 37.1#

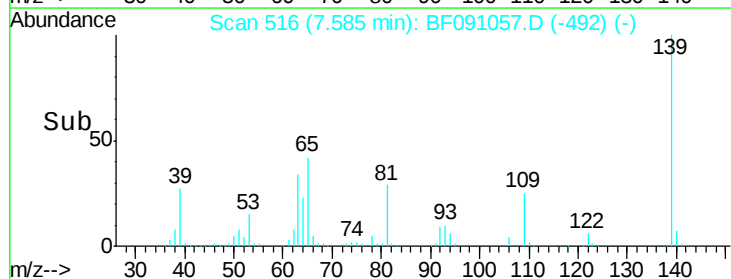
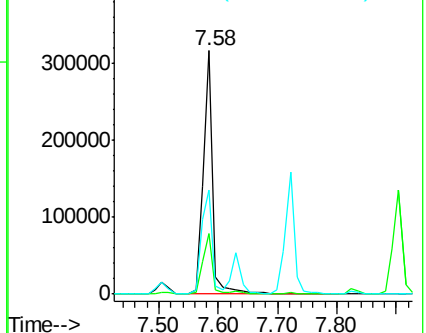
65 42.7 58.3 87.5#

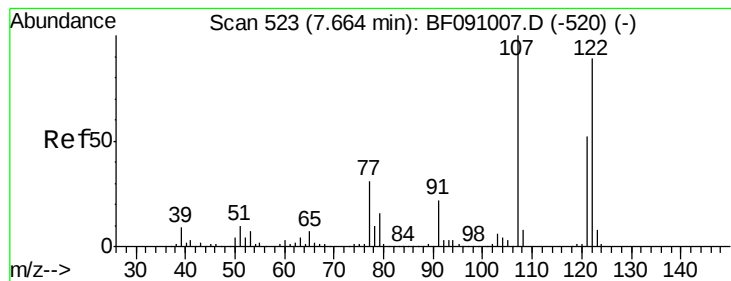


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 48.11 ng

RT: 7.63 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

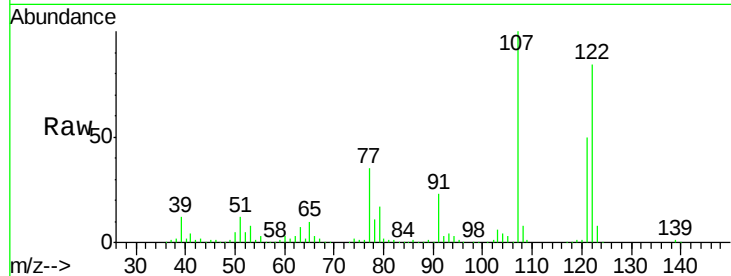
Tgt Ion:122 Resp: 533757

Ion Ratio Lower Upper

122 100

107 119.1 89.6 134.4

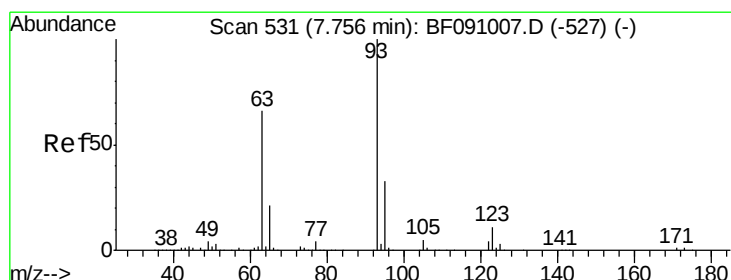
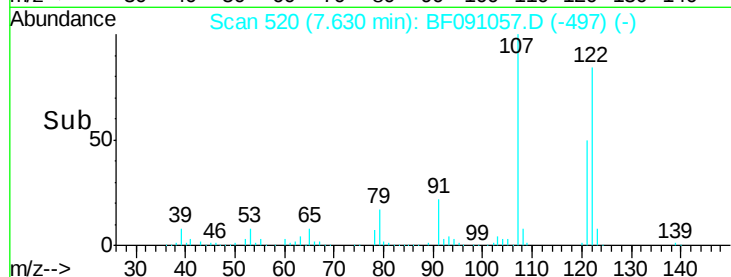
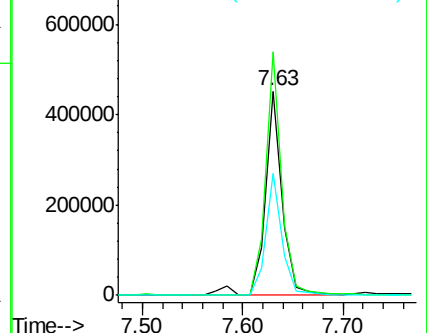
121 59.4 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 51.21 ng

RT: 7.72 min Scan# 528

Delta R.T. -0.03 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

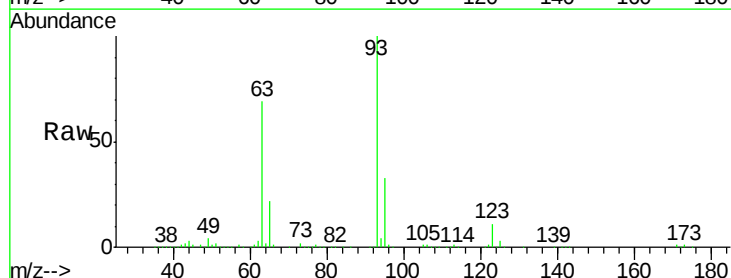
Tgt Ion: 93 Resp: 773775

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

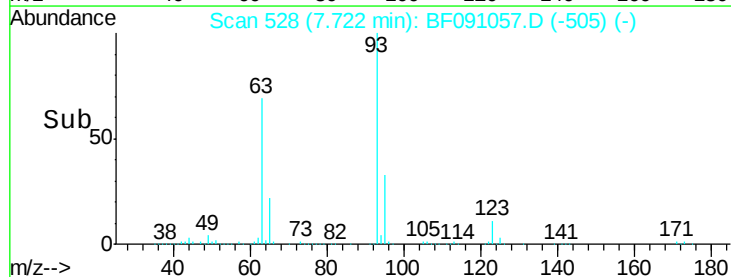
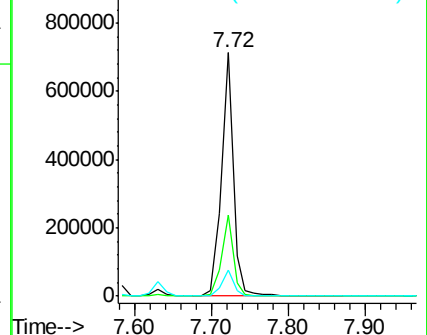
123 10.5 8.7 13.1



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

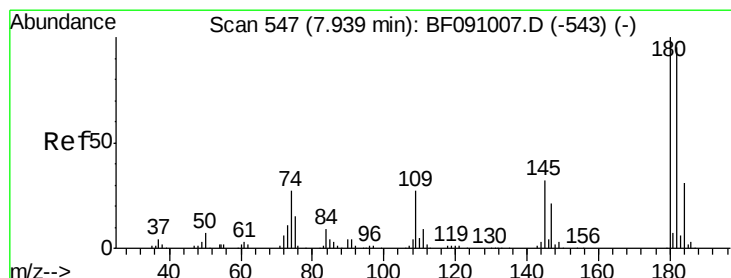
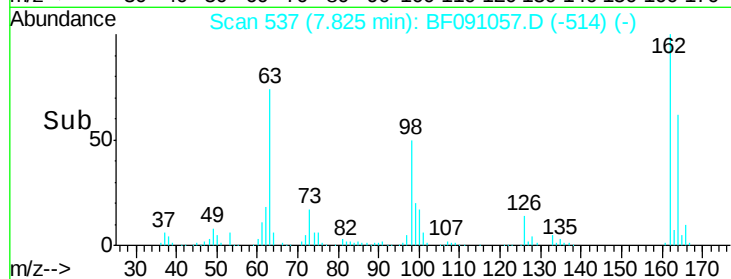
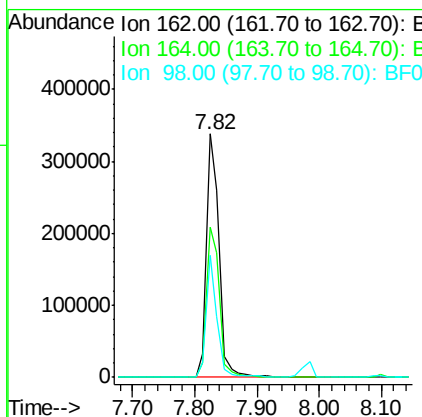
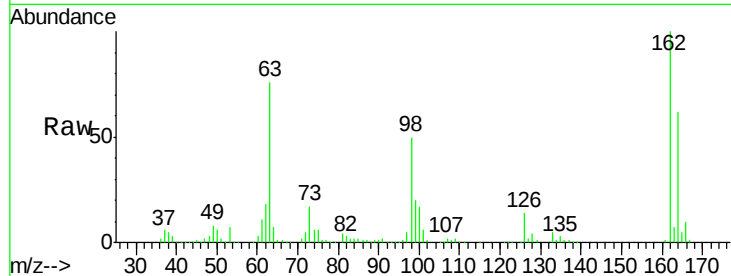




#29
 2,4-Dichlorophenol
 Concen: 49.29 ng
 RT: 7.82 min Scan# 537
 Delta R.T. -0.03 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

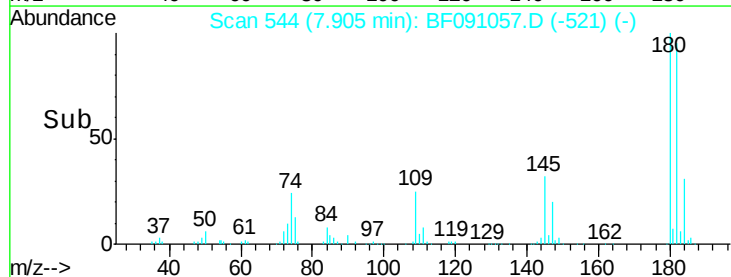
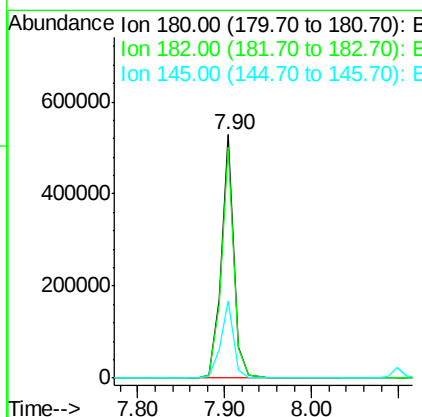
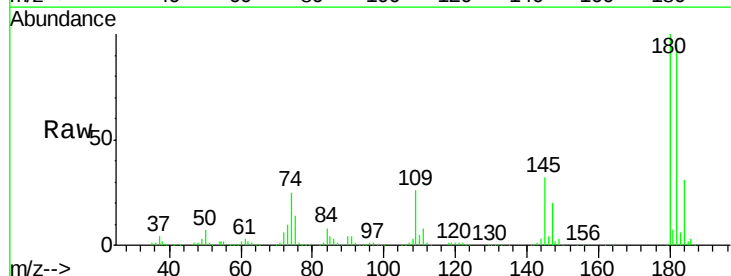
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMSD

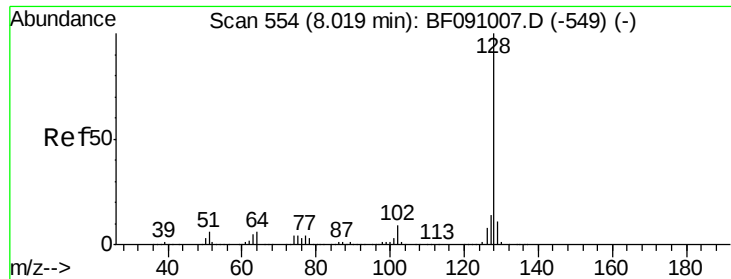
Tgt Ion:162 Resp: 477240
 Ion Ratio Lower Upper
 162 100
 164 61.9 44.4 84.4
 98 50.1 25.2 65.2



#30
 1,2,4-Trichlorobenzene
 Concen: 49.57 ng
 RT: 7.90 min Scan# 544
 Delta R.T. -0.03 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Tgt Ion:180 Resp: 539663
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.0 114.0
 145 31.8 25.8 38.8

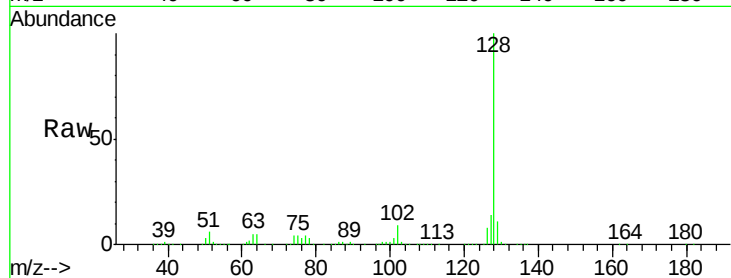




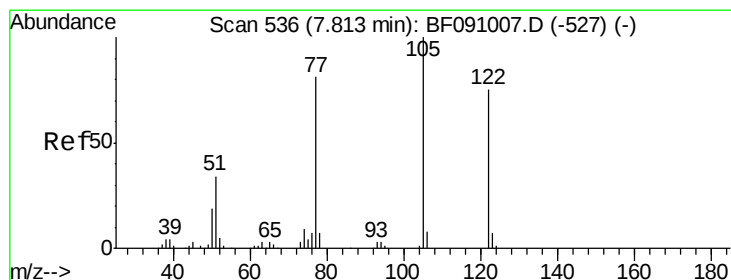
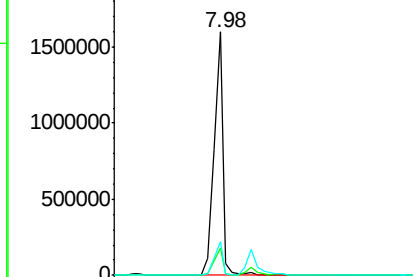
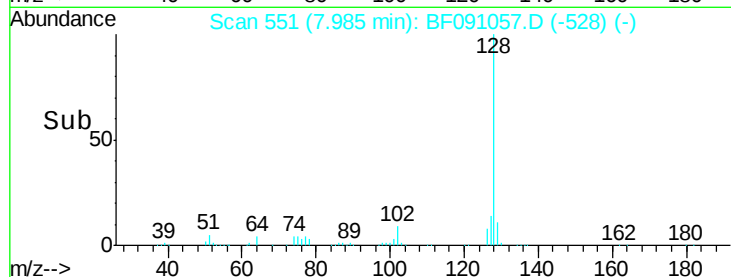
#31
Naphthalene
Concen: 49.48 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.03 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

Tgt Ion:128 Resp: 1853110
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.6 10.9 16.3

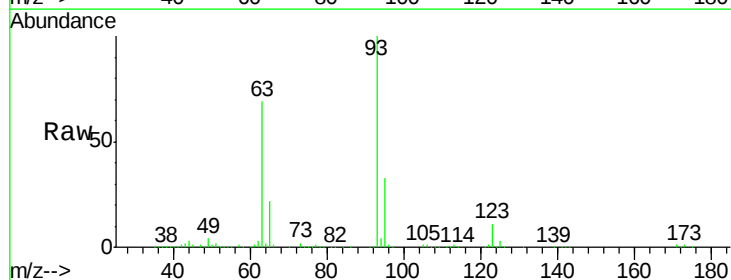


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

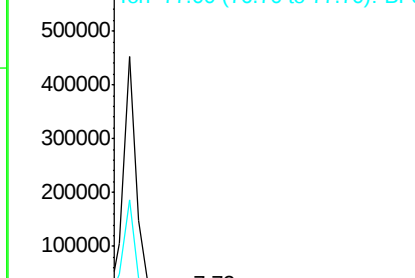
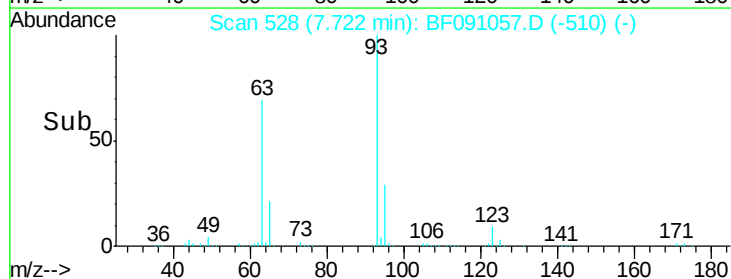


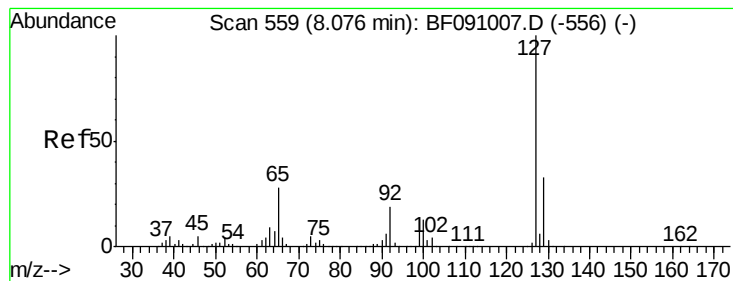
#32
Benzoic acid
Concen: 6.88 ng
RT: 7.72 min Scan# 528
Delta R.T. -0.09 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion:122 Resp: 17506
Ion Ratio Lower Upper
122 100
105 98.5 105.9 145.9#
77 86.7 84.0 124.0



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: 15.84 ng

RT: 8.04 min Scan# 556

Delta R.T. -0.03 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

Tgt Ion:127 Resp: 246649

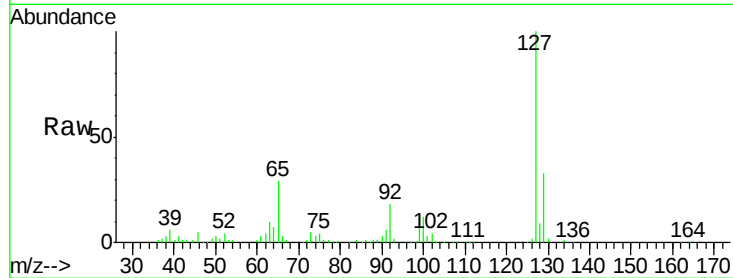
Ion Ratio Lower Upper

127 100

129 32.7 26.6 39.8

65 28.7 22.2 33.2

92 18.4 15.0 22.4

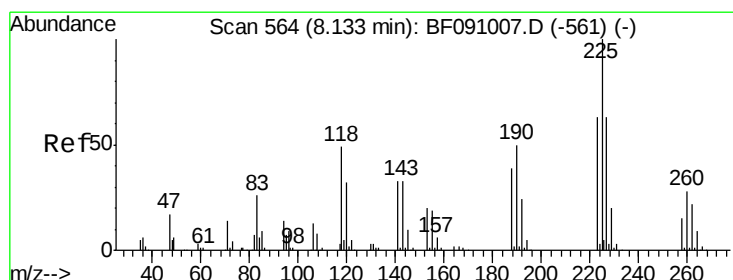
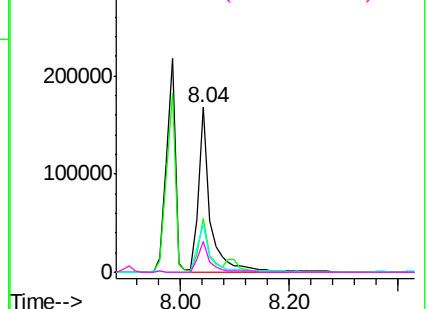
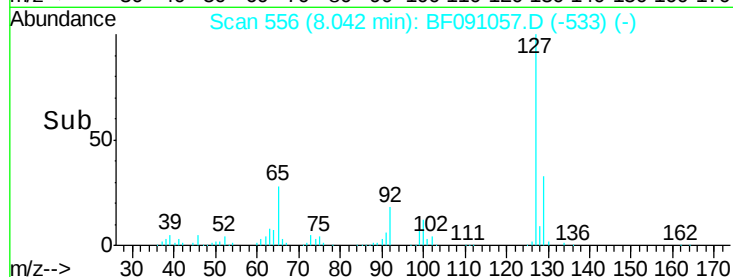


Abundance Ion 127.00 (126.70 to 127.70): E

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: 47.88 ng

RT: 8.10 min Scan# 561

Delta R.T. -0.03 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

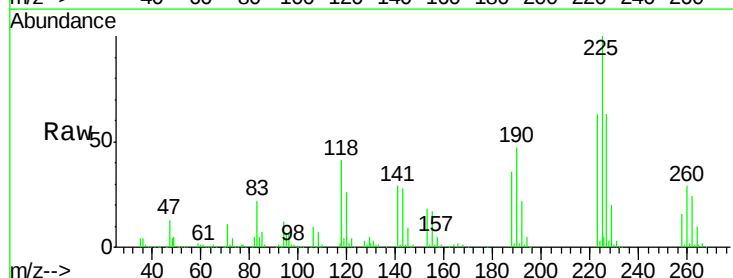
Tgt Ion:225 Resp: 281346

Ion Ratio Lower Upper

225 100

223 63.1 50.4 75.6

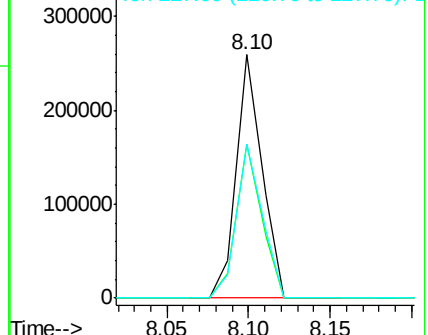
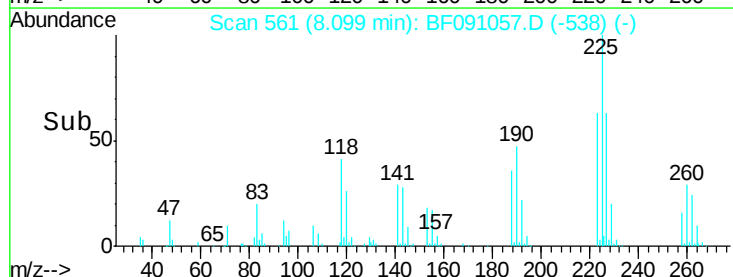
227 63.1 50.1 75.1

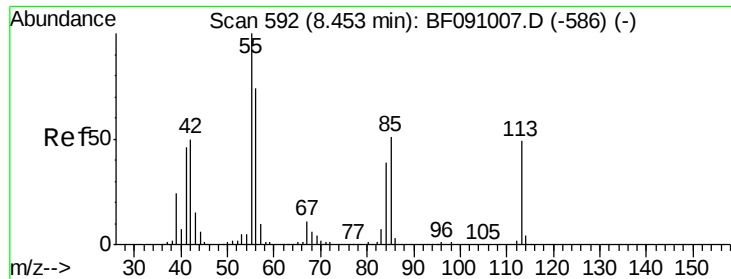


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

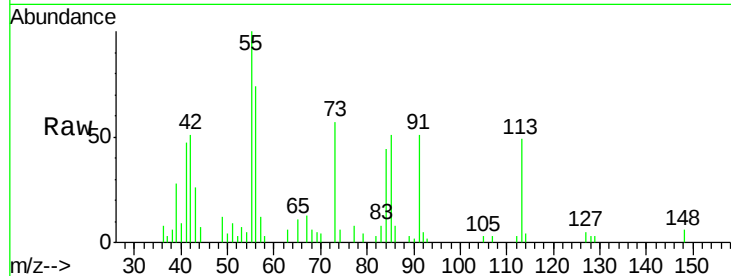




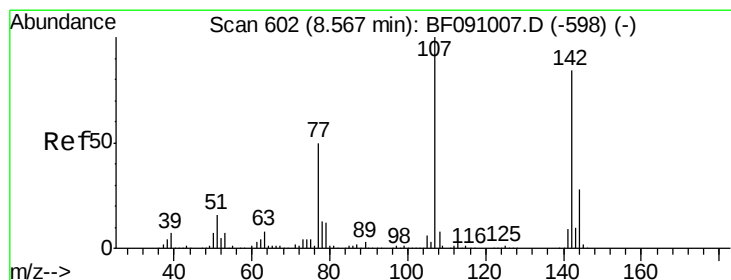
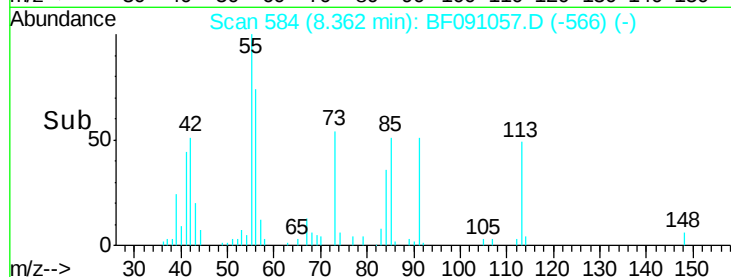
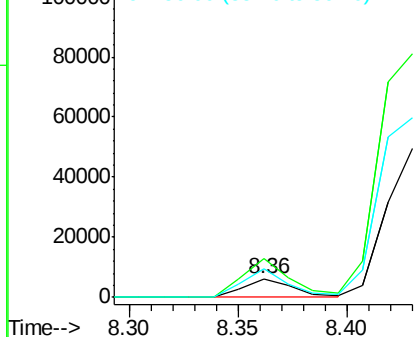
#35
 Caprolactam
 Concen: 3.27 ng
 RT: 8.36 min Scan# 584
 Delta R.T. -0.09 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMSD

Tgt Ion:113 Resp: 9962
 Ion Ratio Lower Upper
 113 100
 55 204.3 184.1 224.1
 56 151.0 132.0 172.0

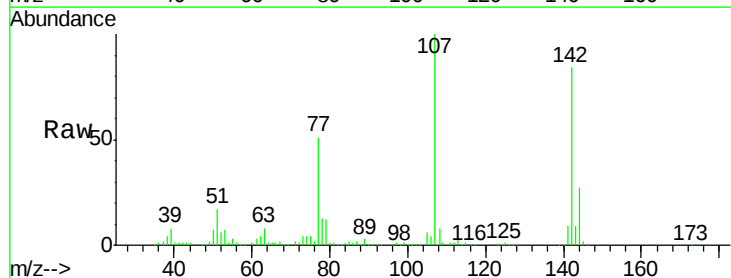


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

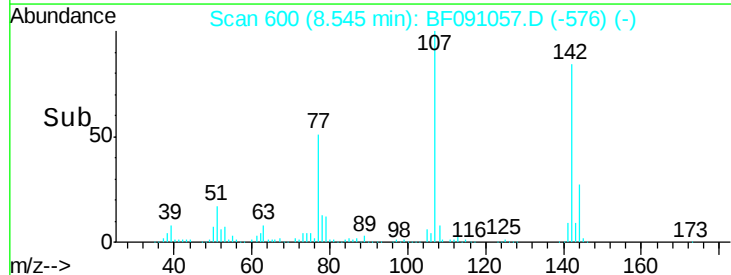
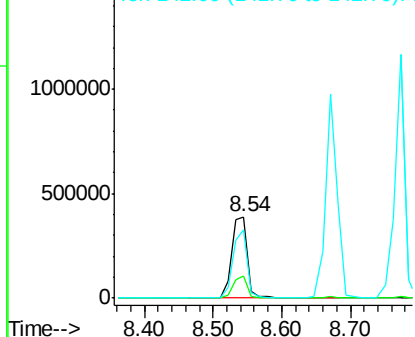


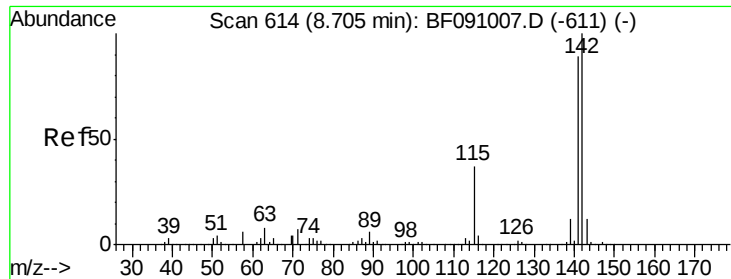
#36
 4-Chloro-3-methylphenol
 Concen: 53.57 ng
 RT: 8.54 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Tgt Ion:107 Resp: 627945
 Ion Ratio Lower Upper
 107 100
 144 27.4 22.5 33.7
 142 84.3 67.4 101.2



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

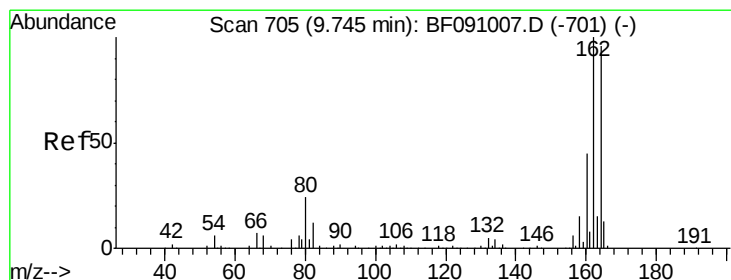
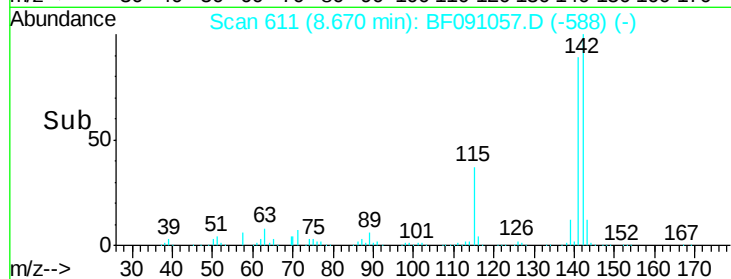
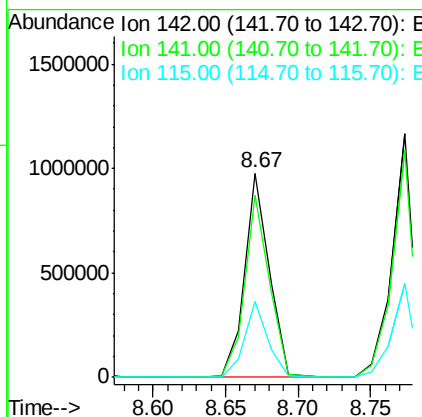
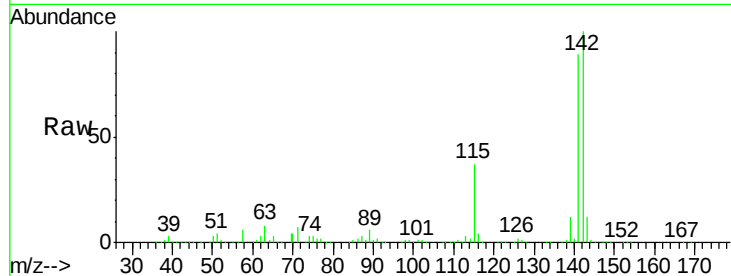




#37
2-Methylnaphthalene
Concen: 47.83 ng
RT: 8.67 min Scan# 611
Delta R.T. -0.03 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

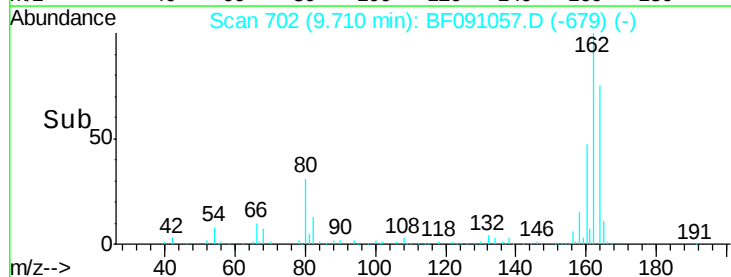
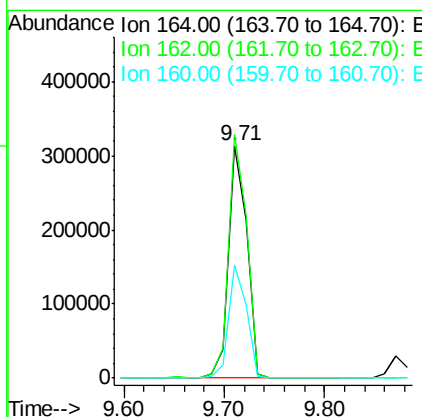
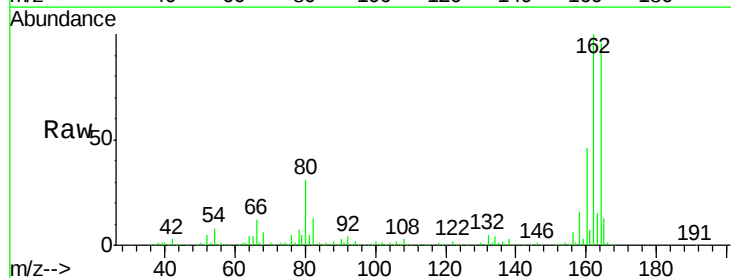
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

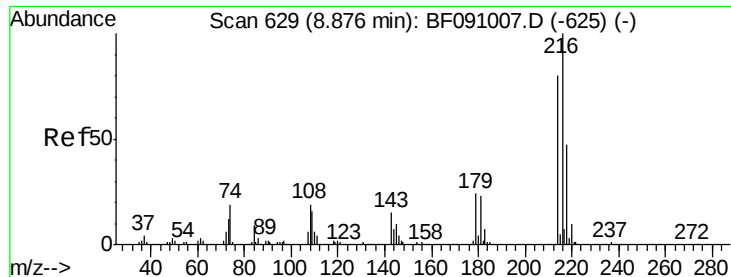
Tgt Ion:142 Resp: 1151387
Ion Ratio Lower Upper
142 100
141 89.3 71.3 106.9
115 37.4 29.9 44.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion:164 Resp: 397485
Ion Ratio Lower Upper
164 100
162 104.7 83.6 125.4
160 48.3 37.9 56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.92 ng

RT: 8.84 min Scan# 626

Delta R.T. -0.03 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

Tgt Ion:216 Resp: 516061

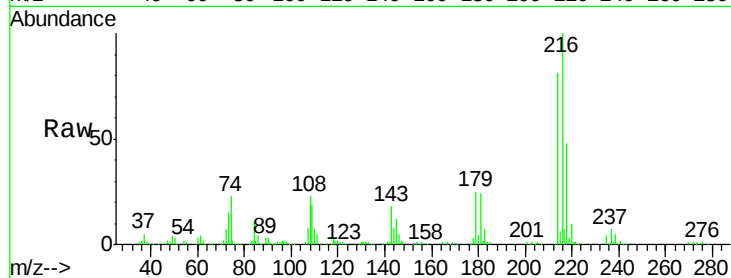
Ion Ratio Lower Upper

216 100

214 79.8 63.5 95.3

179 23.5 19.1 28.7

108 24.6 17.5 26.3

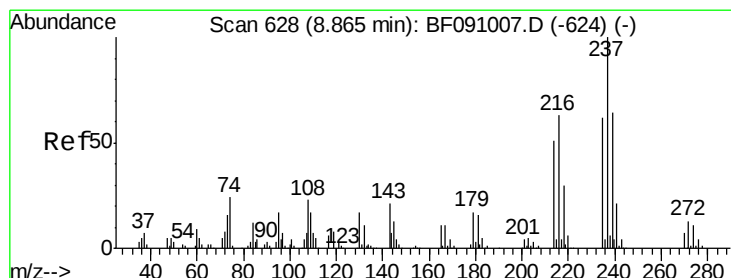
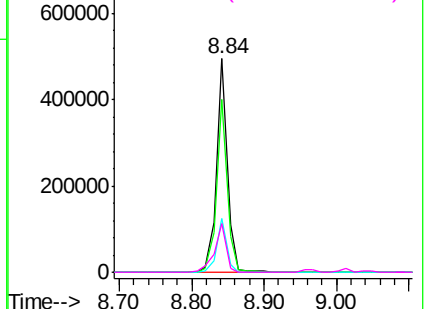
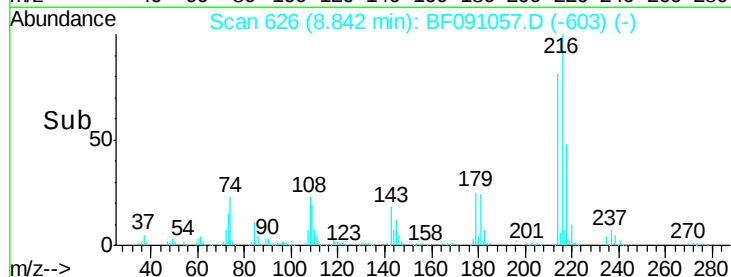


Abundance Ion 216.00 (215.70 to 216.70): E

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: 119.71 ng

RT: 8.83 min Scan# 625

Delta R.T. -0.03 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

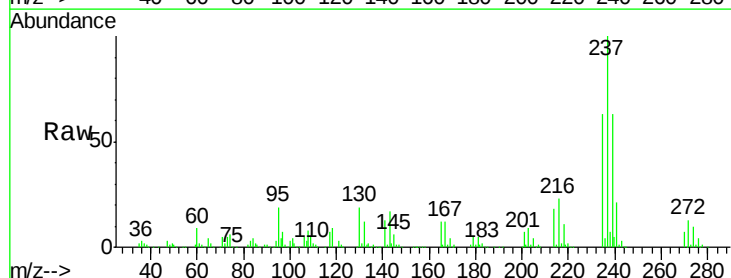
Tgt Ion:237 Resp: 485182

Ion Ratio Lower Upper

237 100

235 63.0 42.1 82.1

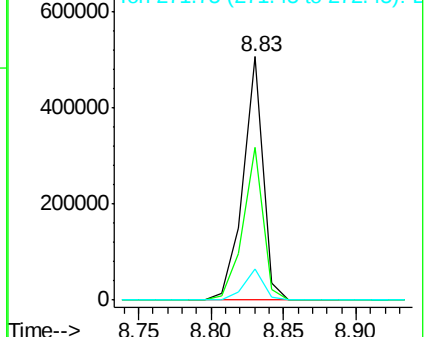
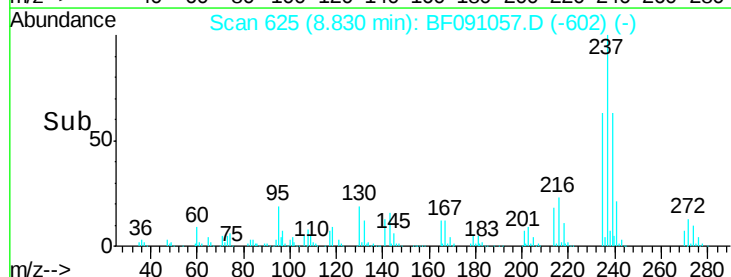
272 13.0 0.0 33.1

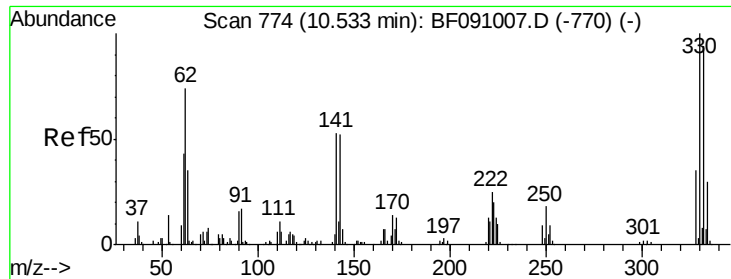


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

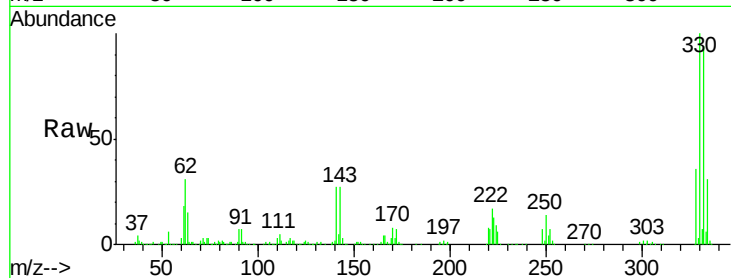




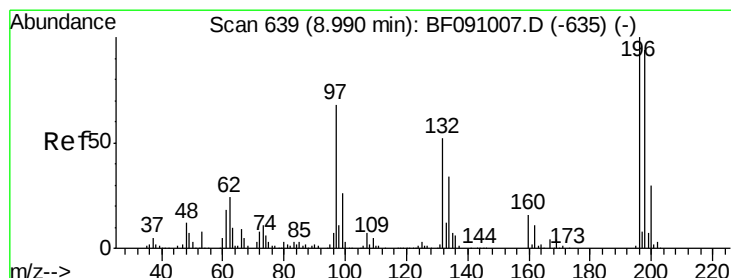
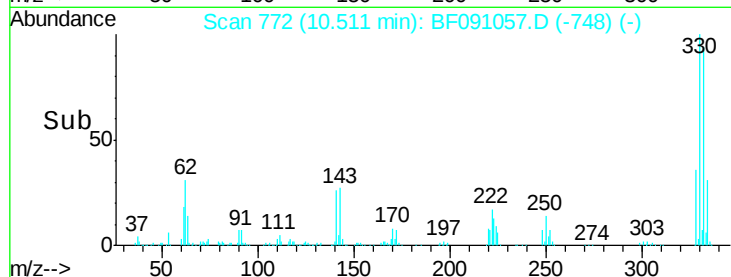
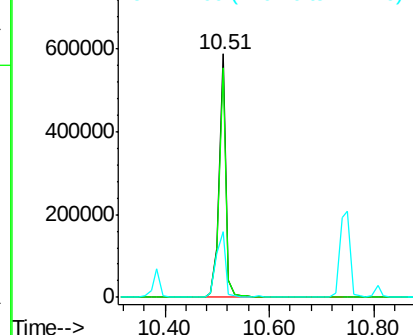
#41
 2,4,6-Tribromophenol
 Concen: 150.61 ng
 RT: 10.51 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMSD

Tgt Ion:330 Resp: 541224
 Ion Ratio Lower Upper
 330 100
 332 95.1 75.9 113.9
 141 36.6 36.1 54.1

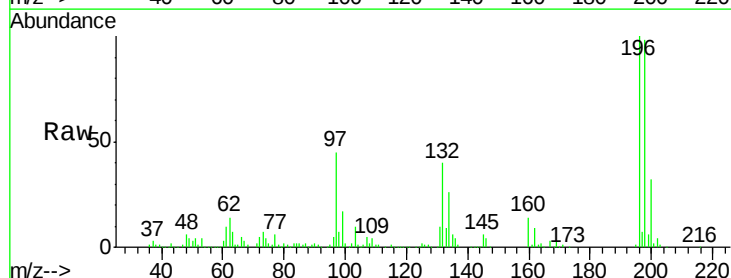


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

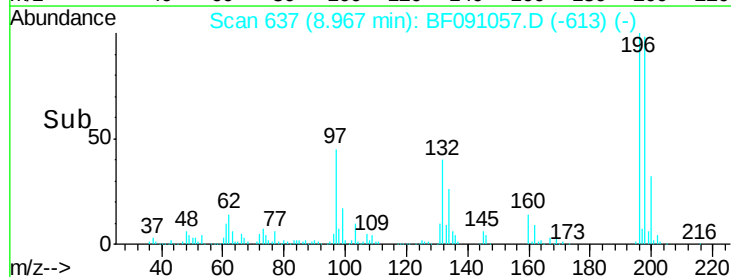
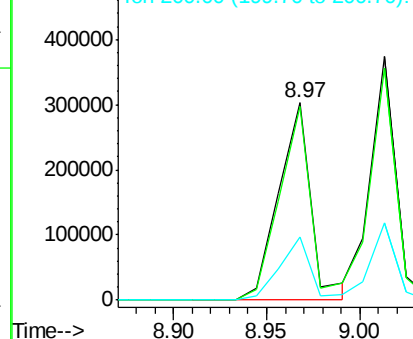


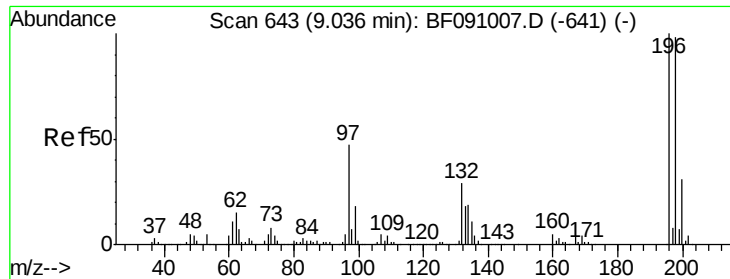
#42
 2,4,6-Trichlorophenol
 Concen: 55.79 ng
 RT: 8.97 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Tgt Ion:196 Resp: 364973
 Ion Ratio Lower Upper
 196 100
 198 97.8 75.4 113.0
 200 31.9 24.1 36.1



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

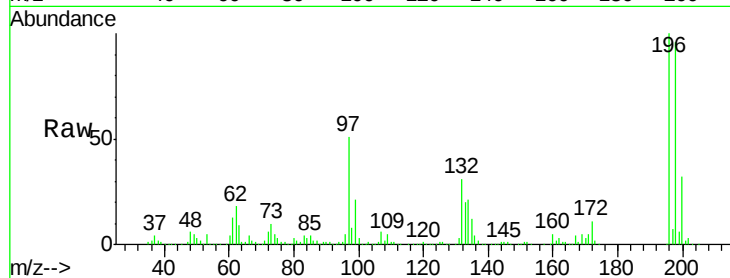




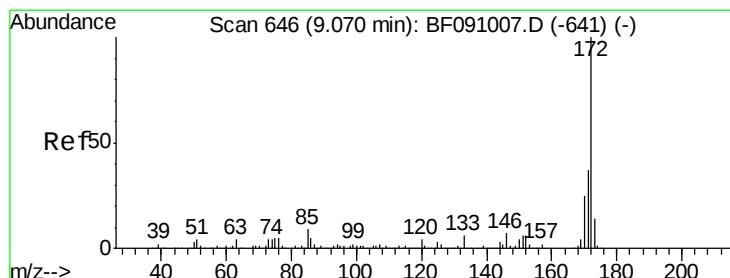
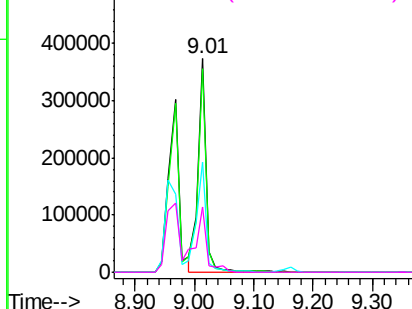
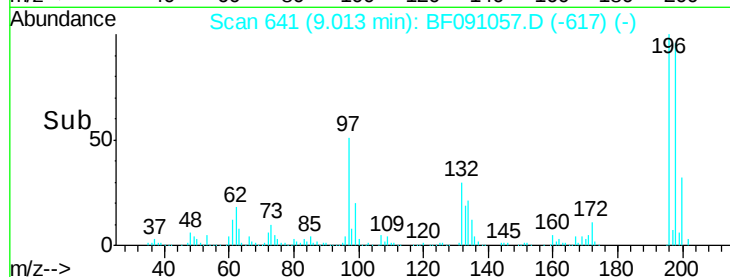
#43
 2,4,5-Trichlorophenol
 Concen: 53.15 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMSD

Tgt Ion:196 Resp: 365088
 Ion Ratio Lower Upper
 196 100
 198 95.5 78.2 117.4
 97 51.5 38.8 58.2
 132 30.6 23.5 35.3

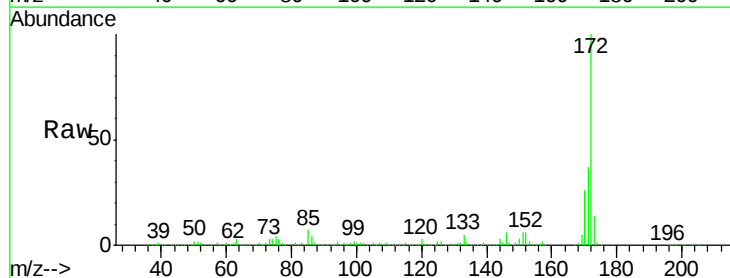


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

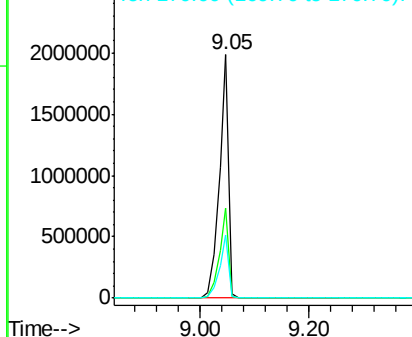
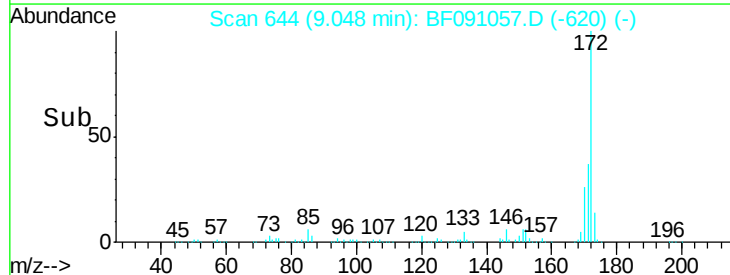


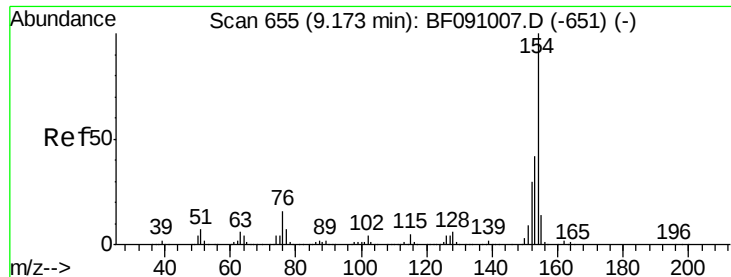
#44
 2-Fluorobiphenyl
 Concen: 104.28 ng
 RT: 9.05 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF091057.D
 Acq: 7 Nov 2016 15:51

Tgt Ion:172 Resp: 2407576
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 25.7 20.3 30.5



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

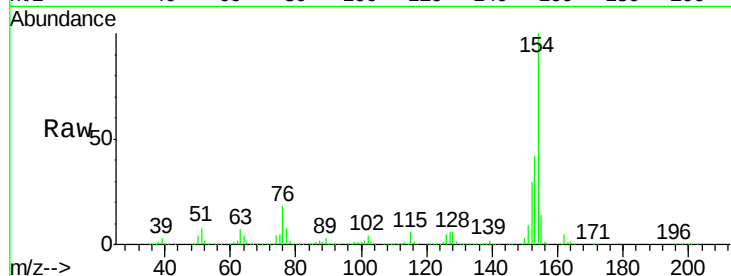




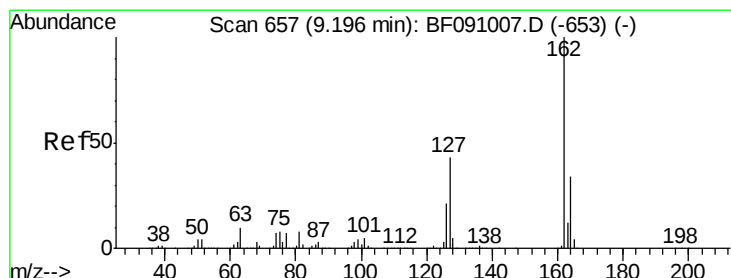
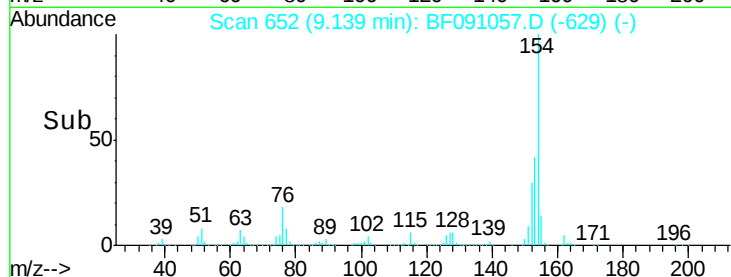
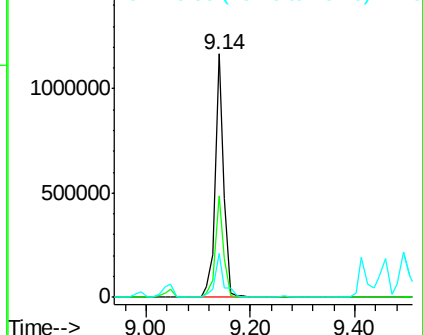
#45
1,1'-Biphenyl
Concen: 46.04 ng
RT: 9.14 min Scan# 652
Delta R.T. -0.03 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

Tgt Ion:154 Resp: 1336323
Ion Ratio Lower Upper
154 100
153 41.6 21.6 61.6
76 18.0 0.0 36.2

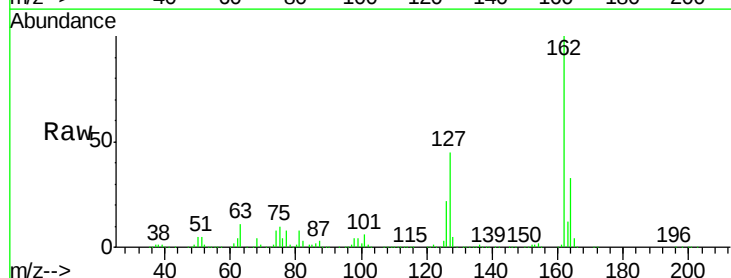


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

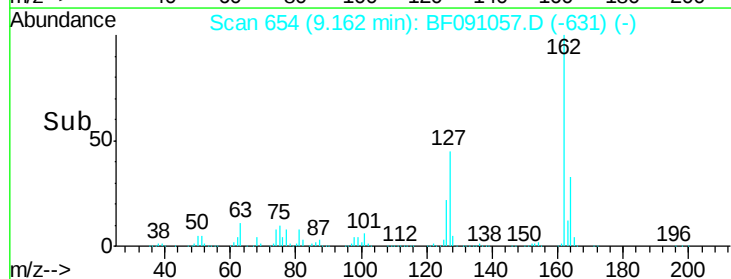
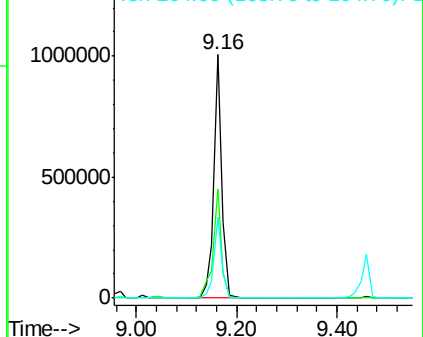


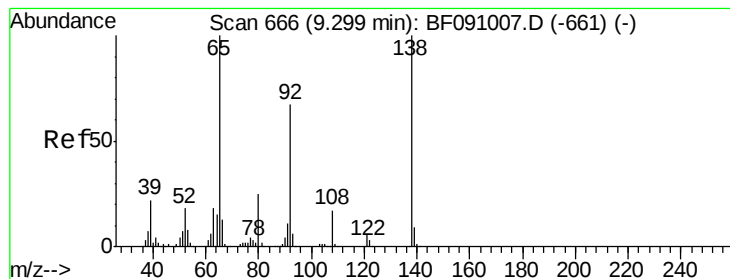
#46
2-Chloronaphthalene
Concen: 50.77 ng
RT: 9.16 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion:162 Resp: 1118780
Ion Ratio Lower Upper
162 100
127 44.9 34.7 52.1
164 33.2 27.0 40.4



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: 49.09 ng

RT: 9.26 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

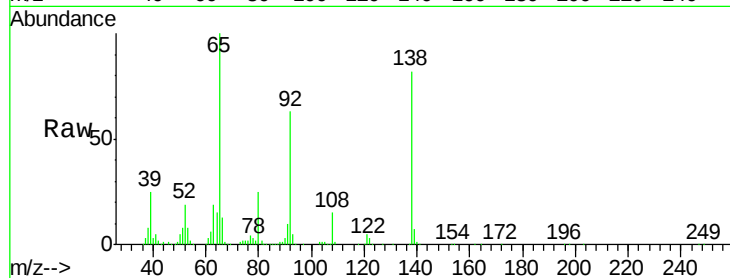
Tgt Ion: 65 Resp: 401441

Ion Ratio Lower Upper

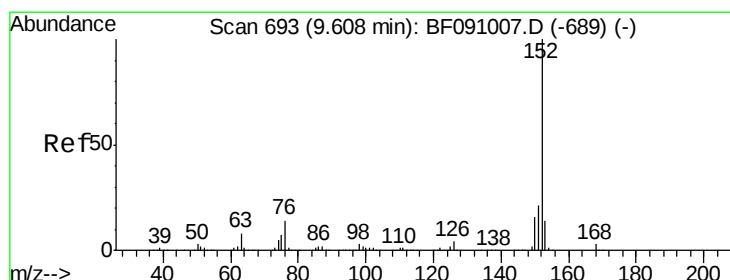
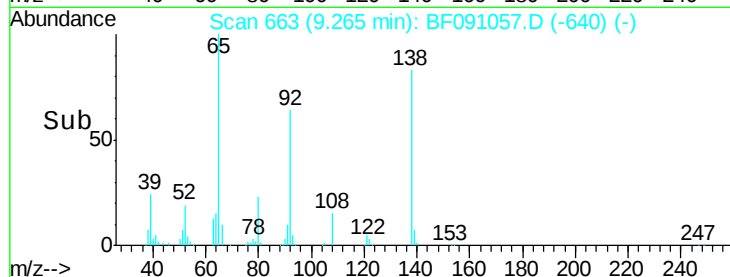
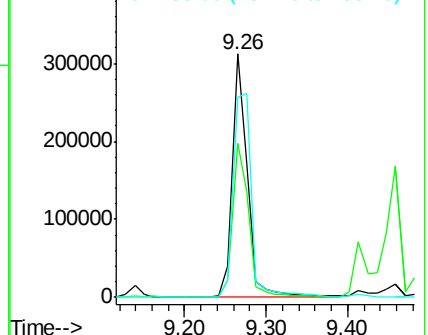
65 100

92 63.3 53.9 80.9

138 82.0 80.1 120.1



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



#48

Acenaphthylene

Concen: 48.00 ng

RT: 9.57 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

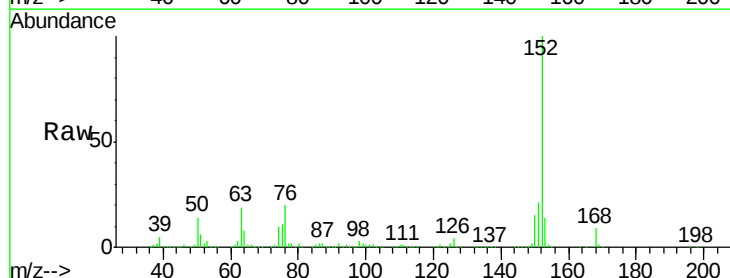
Tgt Ion: 152 Resp: 1648476

Ion Ratio Lower Upper

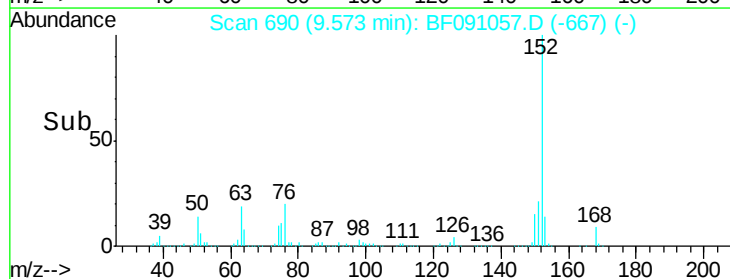
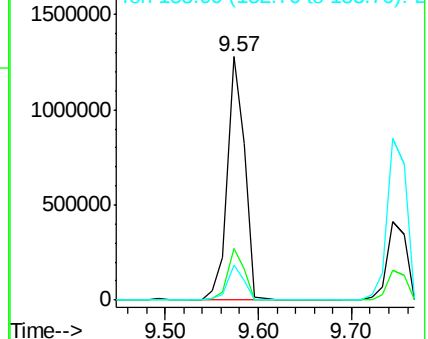
152 100

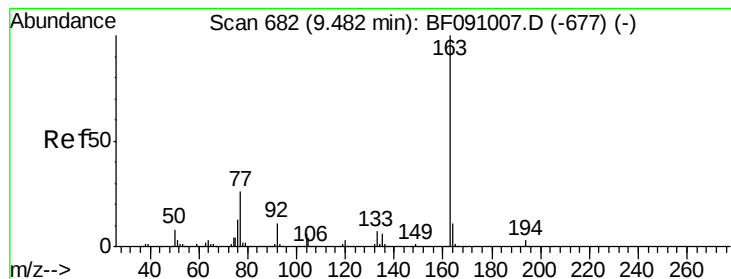
151 21.2 16.7 25.1

153 14.2 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 70.95 ng

RT: 9.46 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

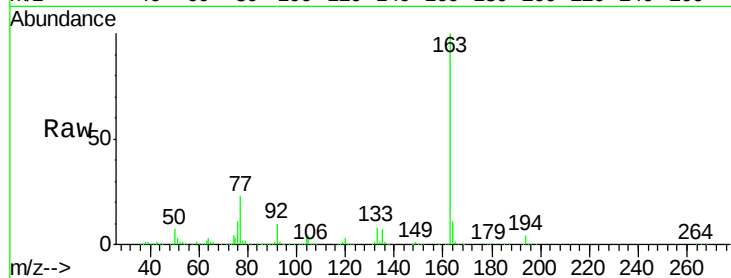
Tgt Ion:163 Resp: 1849143

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

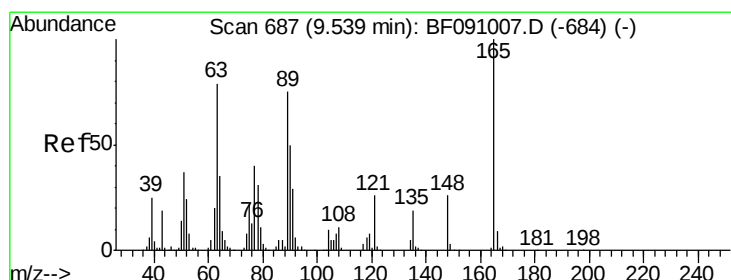
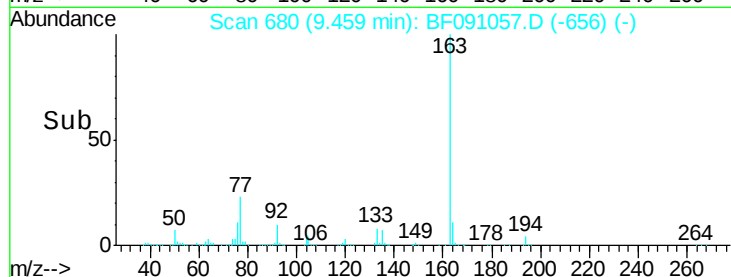
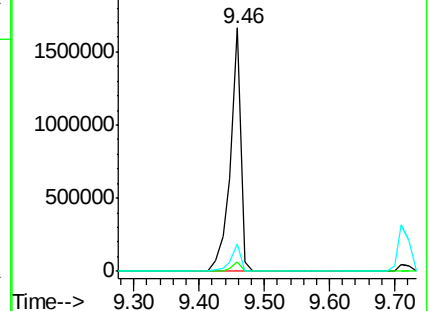
164 11.0 8.7 13.1



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: 52.39 ng

RT: 9.52 min Scan# 685

Delta R.T. -0.02 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

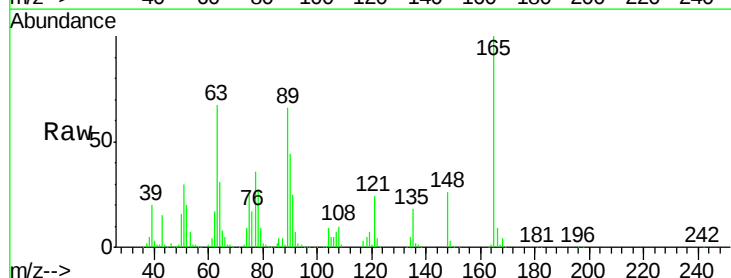
Tgt Ion:165 Resp: 292622

Ion Ratio Lower Upper

165 100

63 66.6 65.6 98.4

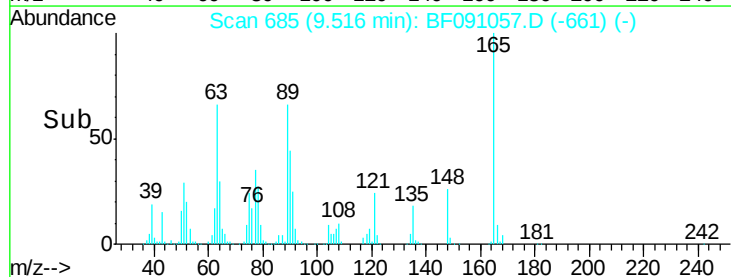
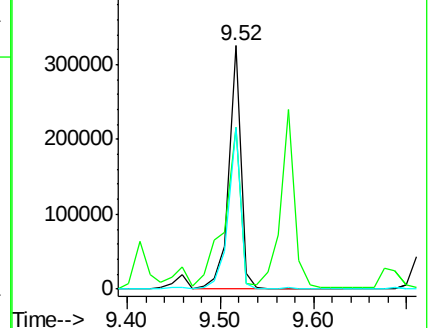
89 66.4 59.8 89.6

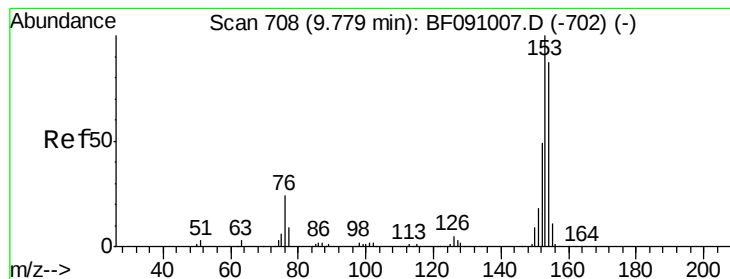


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.80 ng

RT: 9.74 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

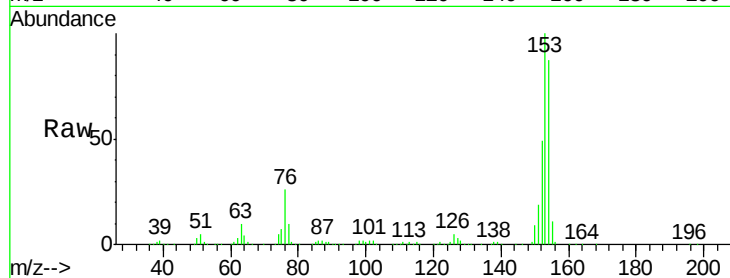
Tgt Ion:154 Resp: 1052228

Ion Ratio Lower Upper

154 100

153 114.6 91.6 137.4

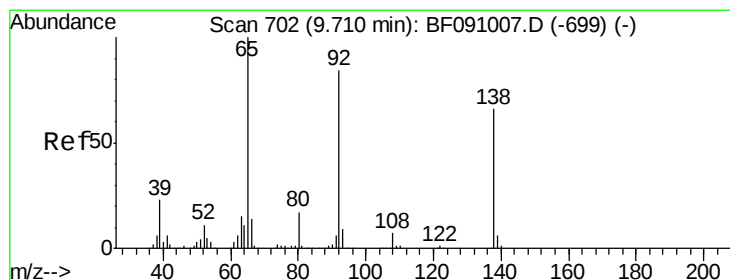
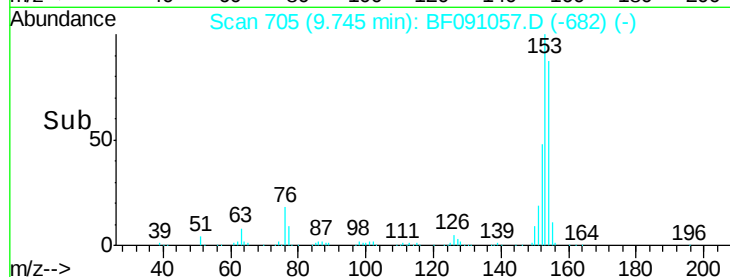
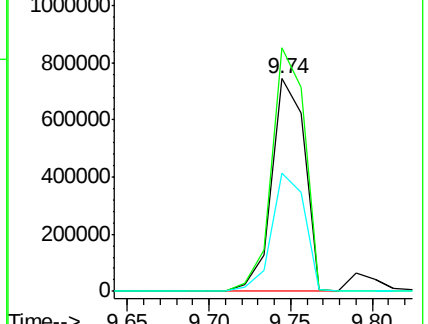
152 55.6 44.6 67.0



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: 32.63 ng

RT: 9.69 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

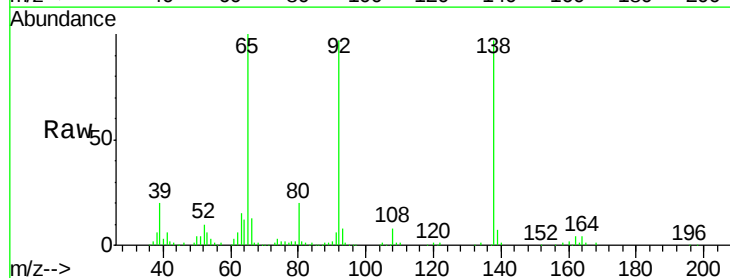
Tgt Ion:138 Resp: 216110

Ion Ratio Lower Upper

138 100

108 8.7 8.4 12.6

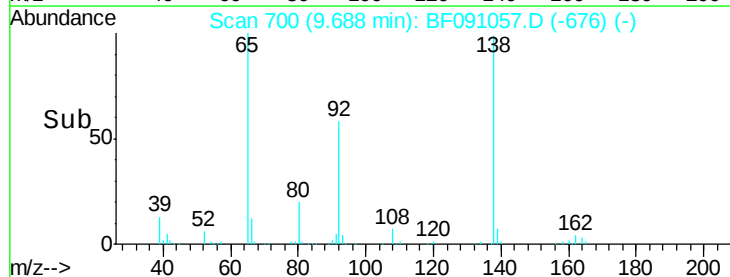
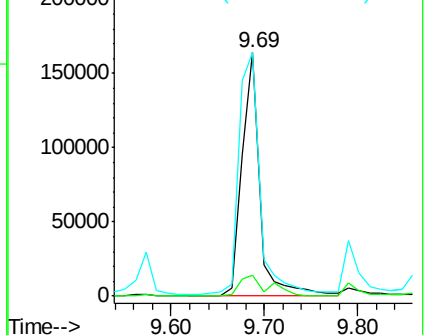
92 100.1 101.1 151.7#

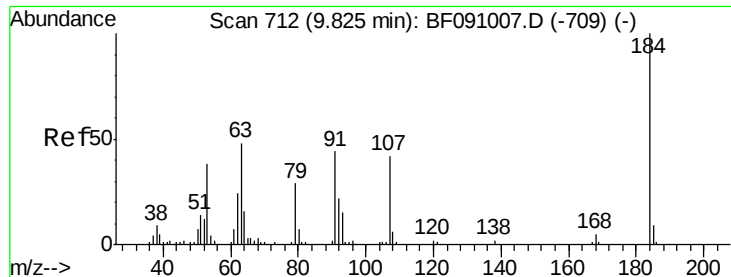


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

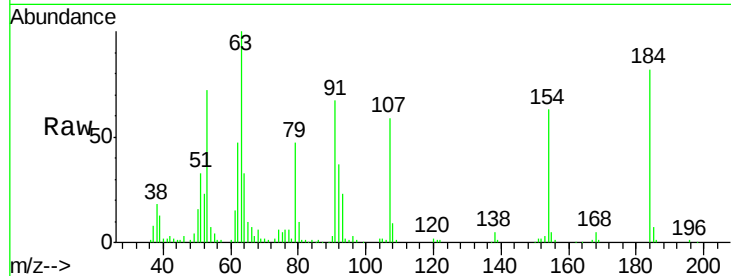




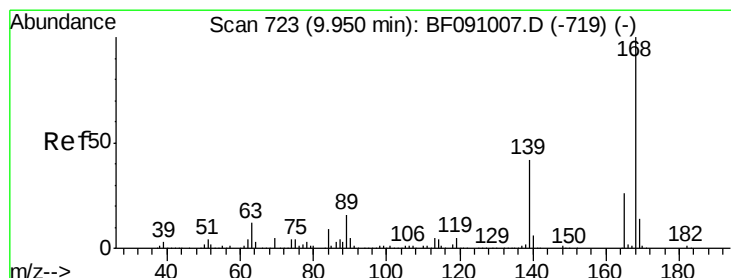
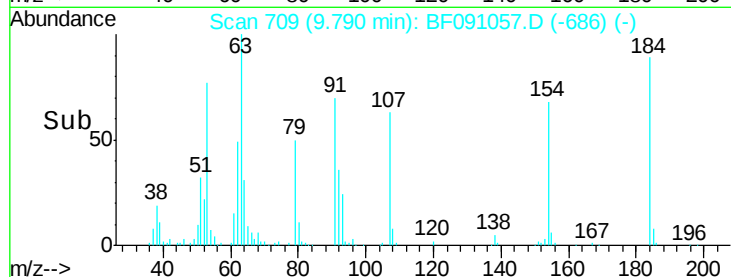
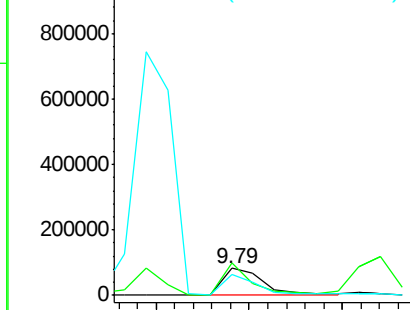
#53
2,4-Dinitrophenol
Concen: 44.93 ng
RT: 9.79 min Scan# 709
Delta R.T. -0.03 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

Tgt Ion:184 Resp: 127657
Ion Ratio Lower Upper
184 100
63 122.1 45.5 68.3#
154 76.5 51.0 76.4#

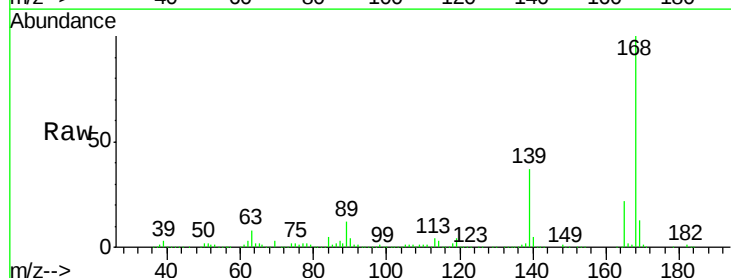


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

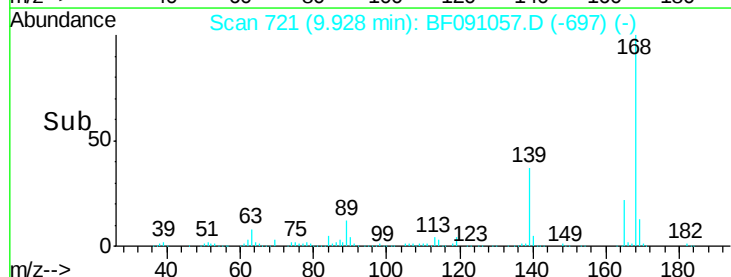
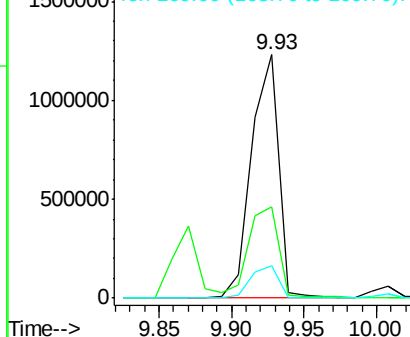


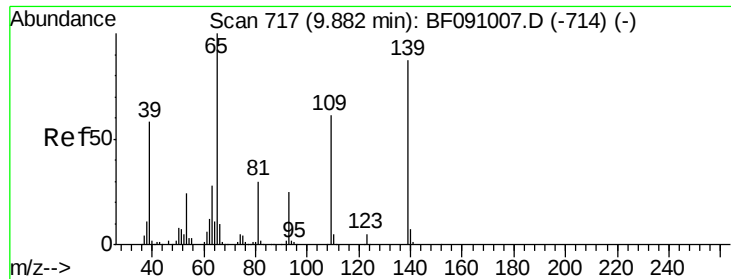
#54
Dibenzofuran
Concen: 55.01 ng
RT: 9.93 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion:168 Resp: 1596438
Ion Ratio Lower Upper
168 100
139 37.4 34.8 52.2
169 13.4 11.4 17.2



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

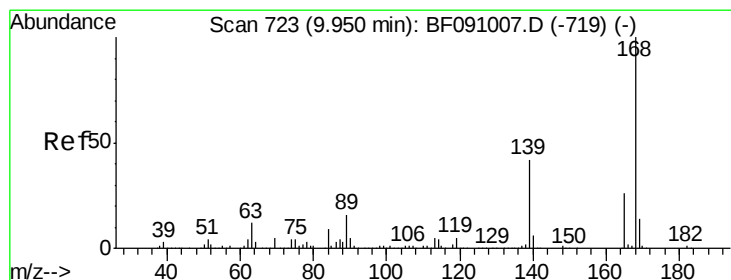
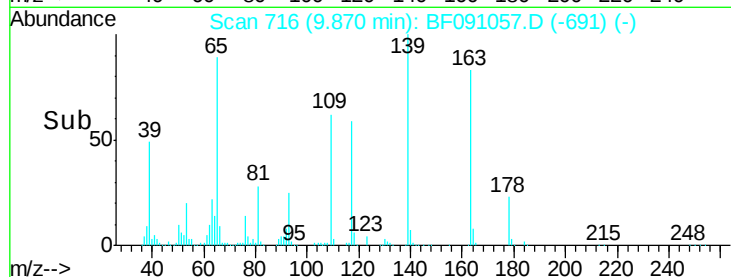
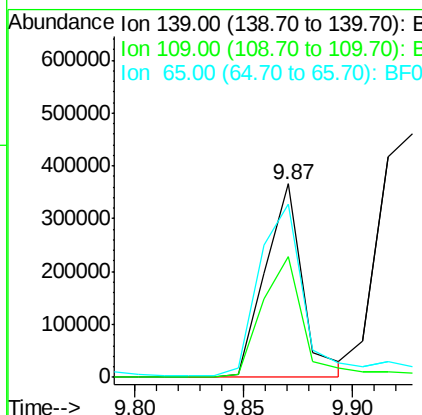
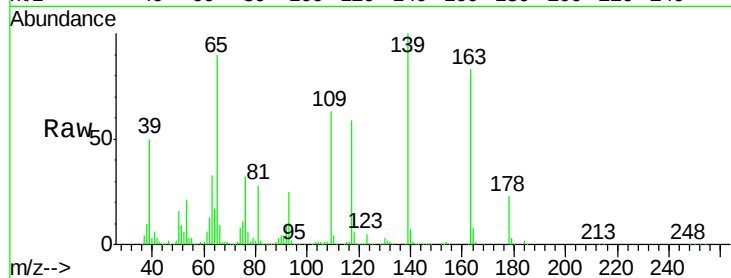




#55
4-Nitrophenol
Concen: 98.70 ng
RT: 9.87 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

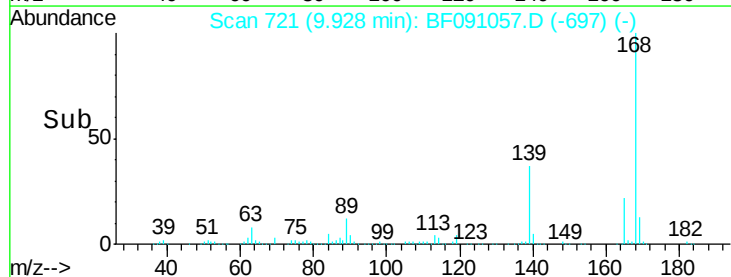
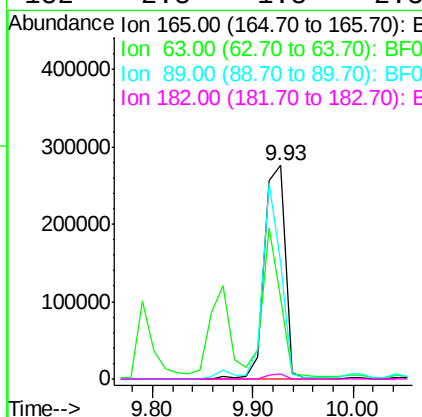
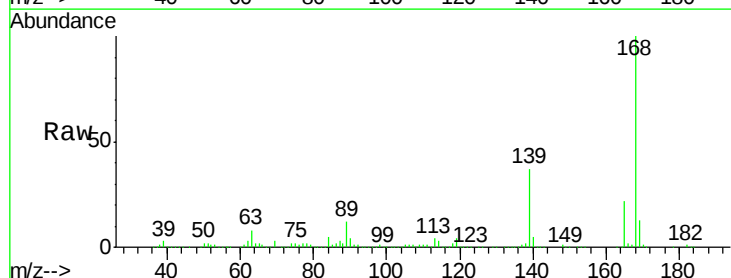
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMSD

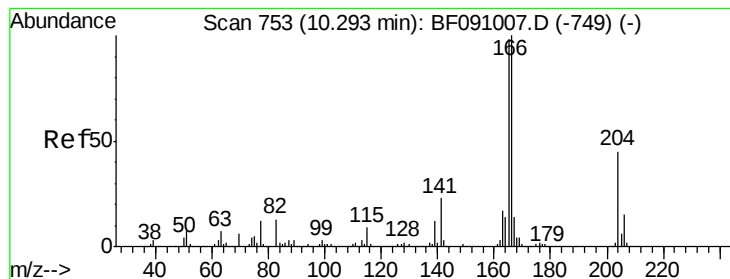
Tgt Ion:139 Resp: 441767
Ion Ratio Lower Upper
139 100
109 62.8 50.5 90.5
65 89.7 97.1 137.1#



#56
2,4-Dinitrotoluene
Concen: 56.21 ng
RT: 9.93 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF091057.D
Acq: 7 Nov 2016 15:51

Tgt Ion:165 Resp: 399465
Ion Ratio Lower Upper
165 100
63 37.6 38.7 58.1#
89 54.8 50.6 76.0
182 2.3 1.8 2.8





#57

Fluorene

Concen: 51.55 ng

RT: 10.27 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMSD

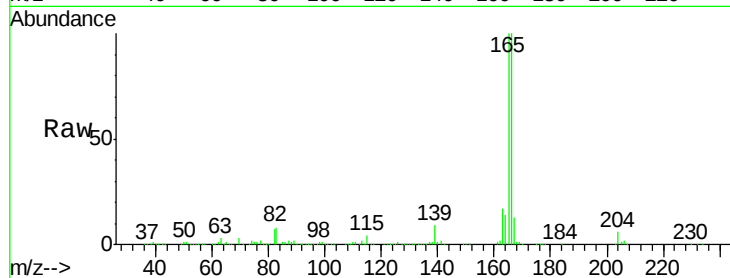
Tgt Ion:166 Resp: 1222893

Ion Ratio Lower Upper

166 100

165 100.3 78.6 118.0

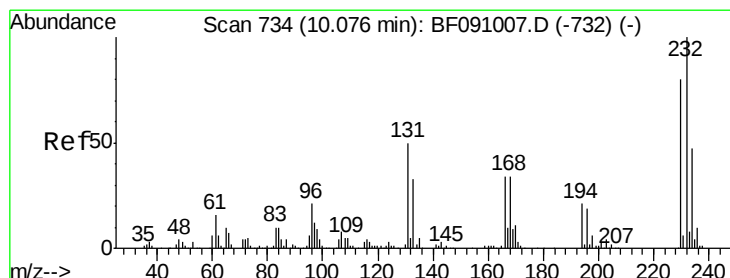
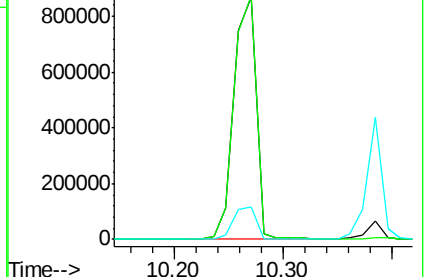
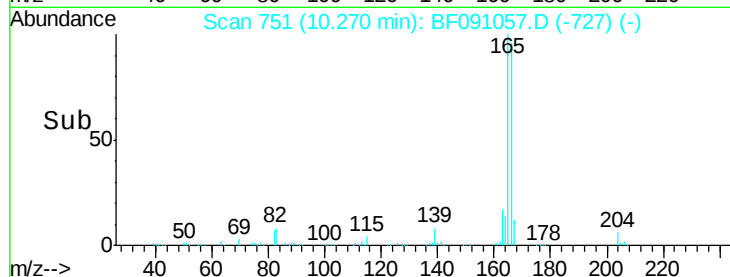
167 13.4 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.33 ng

RT: 10.05 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF091057.D

Acq: 7 Nov 2016 15:51

Tgt Ion:232 Resp: 276205

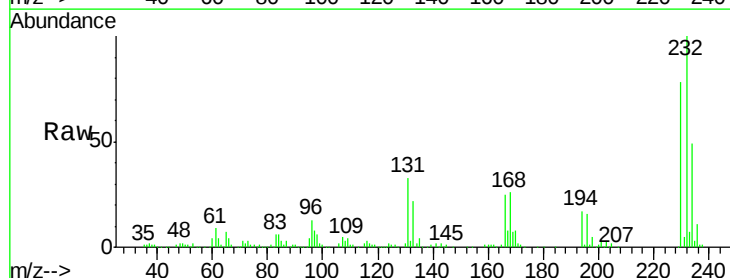
Ion Ratio Lower Upper

232 100

131 55.4 43.6 65.4

130 2.7 2.0 3.0

166 34.6 27.4 41.2



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

