

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091207.D
 Acq On : 17 Nov 2016 00:01
 Operator : UM/SJ
 Sample : H5657-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

Quant Time: Nov 17 12:44:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 00:05:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	195787	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	788348	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	434891	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	714350	20.00	ng	0.00
75) Chrysene-d12	13.78	240	584551	20.00	ng	0.00
86) Perylene-d12	15.15	264	413752	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1632659	137.72	ng	0.02
7) Phenol-d6	6.29	99	2079947	129.26	ng	0.01
23) Nitrobenzene-d5	7.20	82	1354504	93.73	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	607055	154.40	ng	0.01
44) 2-Fluorobiphenyl	8.99	172	2206566	87.35	ng	0.00
78) Terphenyl-d14	12.73	244	2183717	93.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.14	88	220451	32.51	ng	98
3) Pyridine	2.78	79	340916	21.49	ng	98
4) n-Nitrosodimethylamine	2.75	42	276305	44.03	ng	84
6) Aniline	6.29	93	526284	27.73	ng	# 56
8) 2-Chlorophenol	6.41	128	642017	45.40	ng	94
9) Benzaldehyde	6.18	77	58127	6.51	ng	95
10) Phenol	6.30	94	830033	46.61	ng	# 54
11) bis(2-Chloroethyl)ether	6.37	93	702364	46.81	ng	87
12) 1,3-Dichlorobenzene	6.56	146	649677m	45.43	ng	
13) 1,4-Dichlorobenzene	6.64	146	675018	43.99	ng	96
14) 1,2-Dichlorobenzene	6.80	146	620712	44.08	ng	95
15) Benzyl Alcohol	6.78	79	527083	46.44	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.91	45	794187	36.96	ng	# 25
17) 2-Methylphenol	6.91	107	541850	48.40	ng	95
18) Hexachloroethane	7.13	117	253228	42.64	ng	90
19) n-Nitroso-di-n-propylamine	7.06	70	507345	45.50	ng	# 93
20) 3+4-Methylphenols	7.07	107	706382	52.56	ng	97
22) Acetophenone	7.05	105	920433	50.71	ng	# 95
24) Nitrobenzene	7.22	77	758811	47.54	ng	98
25) Isophorone	7.46	82	1348759	48.43	ng	100
26) 2-Nitrophenol	7.54	139	356434	52.77	ng	# 69
27) 2,4-Dimethylphenol	7.58	122	587090	52.56	ng	96
28) bis(2-Chloroethoxy)methane	7.68	93	806410	53.01	ng	99
29) 2,4-Dichlorophenol	7.78	162	483707	49.62	ng	97
30) 1,2,4-Trichlorobenzene	7.86	180	540719	49.33	ng	99
31) Naphthalene	7.93	128	1669055	44.27	ng	100
32) Benzoic acid	7.72	122	74504	12.72	ng	88
33) 4-Chloroaniline	8.00	127	355583	22.68	ng	100
34) Hexachlorobutadiene	8.05	225	299932	50.70	ng	98
35) Caprolactam	8.38	113	166396m	54.33	ng	
36) 4-Chloro-3-methylphenol	8.50	107	519641	44.03	ng	95
37) 2-Methylnaphthalene	8.62	142	1069793	44.14	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	563254	50.80	ng	98
40) Hexachlorocyclopentadiene	8.78	237	464719	105.65	ng	99

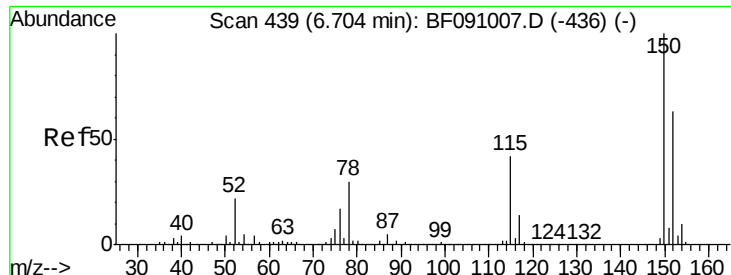
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091207.D
 Acq On : 17 Nov 2016 00:01
 Operator : UM/SJ
 Sample : H5657-01MSD
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 00:05:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	349615	48.84	ng	98
43) 2,4,5-Trichlorophenol	8.97	196	376918	50.15	ng	97
45) 1,1'-Biphenyl	9.09	154	1377312	43.37	ng	97
46) 2-Chloronaphthalene	9.12	162	1102971	45.75	ng	97
47) 2-Nitroaniline	9.22	65	308846	34.52	ng	98
48) Acenaphthylene	9.53	152	1585954	42.21	ng	99
49) Dimethylphthalate	9.41	163	2078905	72.90	ng	# 99
50) 2,6-Dinitrotoluene	9.47	165	310081	50.74	ng	# 66
51) Acenaphthene	9.70	154	983798	41.71	ng	99
52) 3-Nitroaniline	9.63	138	199991	27.60	ng	94
53) 2,4-Dinitrophenol	9.76	184	178700	55.74	ng	# 79
54) Dibenzofuran	9.87	168	1379761	43.45	ng	96
55) 4-Nitrophenol	9.82	139	316691	66.65	ng	# 81
56) 2,4-Dinitrotoluene	9.87	165	331855	42.68	ng	# 79
57) Fluorene	10.21	166	1103950	42.53	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	312134	53.02	ng	91
59) Diethylphthalate	10.11	149	1297139	44.37	ng	95
60) 4-Chlorophenyl-phenylether	10.21	204	546538	46.27	ng	92
61) 4-Nitroaniline	10.26	138	301569	41.13	ng	89
62) Azobenzene	10.36	77	1290328	37.49	ng	88
64) 4,6-Dinitro-2-methylphenol	10.28	198	178047	40.70	ng	# 47
65) n-Nitrosodiphenylamine	10.34	169	1049188	46.21	ng	99
66) 4-Bromophenyl-phenylether	10.69	248	362559	48.79	ng	# 83
67) Hexachlorobenzene	10.76	284	454501	55.46	ng	# 84
68) Atrazine	10.86	200	306048	46.72	ng	97
69) Pentachlorophenol	10.97	266	344064	94.79	ng	99
70) Phenanthrene	11.17	178	1780567	46.89	ng	100
71) Anthracene	11.22	178	1575701	39.03	ng	99
72) Carbazole	11.38	167	1432011	39.36	ng	99
73) Di-n-butylphthalate	11.72	149	1931848	42.22	ng	99
74) Fluoranthene	12.35	202	1557762	39.55	ng	96
76) Benzidine	12.49	184	334039	25.58	ng	97
77) Pyrene	12.58	202	1664273	43.47	ng	100
79) Butylbenzylphthalate	13.21	149	760070	41.51	ng	89
80) Benzo(a)anthracene	13.77	228	1498965	45.16	ng	100
81) 3,3'-Dichlorobenzidine	13.73	252	350938	30.10	ng	# 97
82) Chrysene	13.80	228	1326227	40.52	ng	97
83) Bis(2-ethylhexyl)phthalate	13.78	149	1146932	46.28	ng	# 93
84) Di-n-octyl phthalate	14.39	149	1906899	46.80	ng	97
85) Indeno(1,2,3-cd)pyrene	16.42	276	1115618	41.09	ng	97
87) Benzo(b)fluoranthene	14.77	252	1256795m	44.79	ng	
88) Benzo(k)fluoranthene	14.80	252	1194221m	48.51	ng	
89) Benzo(a)pyrene	15.09	252	1114939	45.64	ng	98
90) Dibenzo(a,h)anthracene	16.43	278	951159	45.04	ng	# 96
91) Benzo(g,h,i)perylene	16.80	276	870522	45.58	ng	94

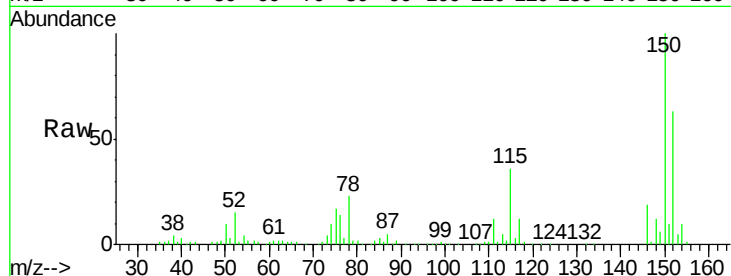
(#) = qualifier out of range (m) = manual integration (+) = signals summed



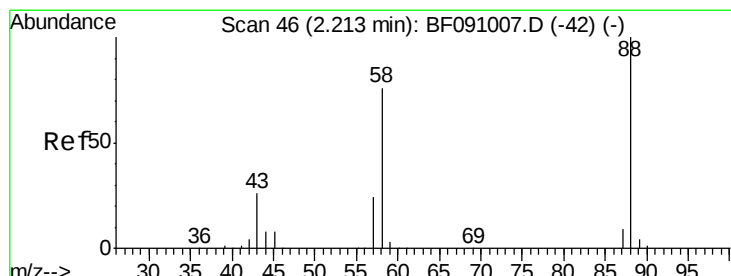
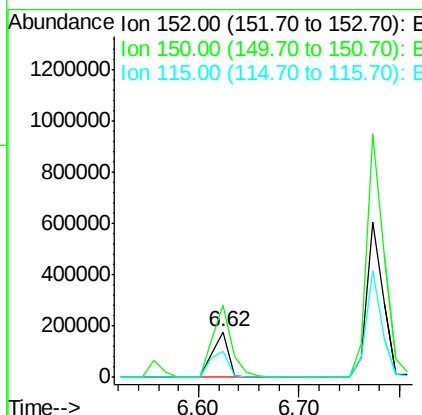
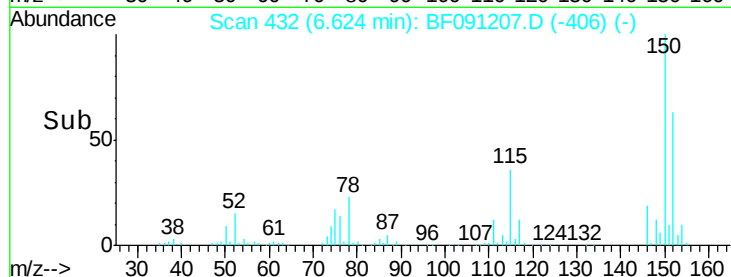
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.62 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF091207.D
 Acq: 17 Nov 2016 00:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:152 Resp: 195787
 Ion Ratio Lower Upper
 152 100
 150 157.5 126.8 190.2
 115 56.6 53.3 79.9

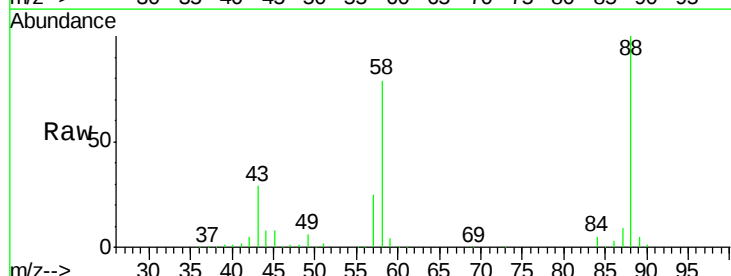


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

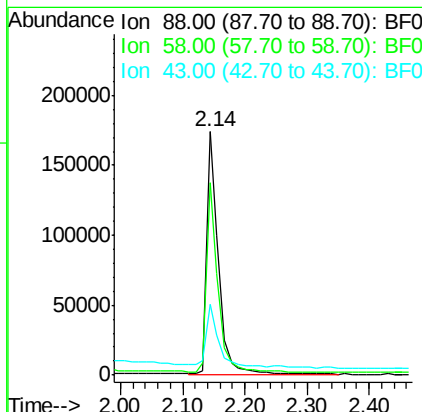
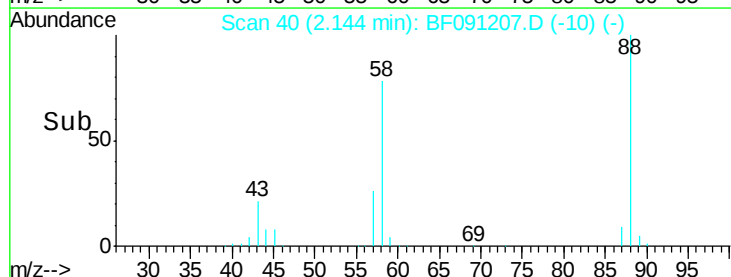


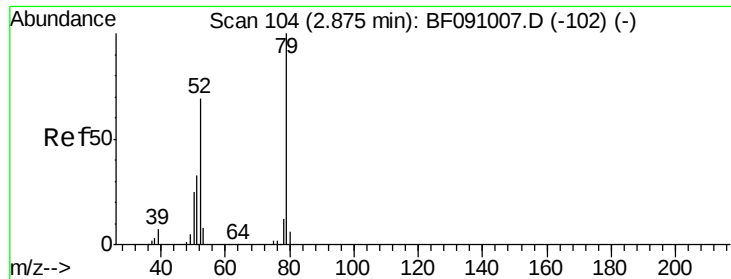
#2
 1,4-Dioxane
 Concen: 32.51 ng
 RT: 2.14 min Scan# 40
 Delta R.T. 0.05 min
 Lab File: BF091207.D
 Acq: 17 Nov 2016 00:01

Tgt Ion: 88 Resp: 220451
 Ion Ratio Lower Upper
 88 100
 58 78.6 63.8 95.6
 43 30.3 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: 21.49 ng

RT: 2.78 min Scan# 96

Delta R.T. 0.06 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

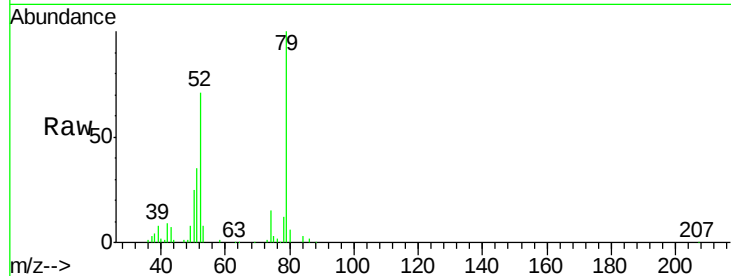
Tgt Ion: 79 Resp: 340916

Ion Ratio Lower Upper

79 100

52 70.8 55.4 83.0

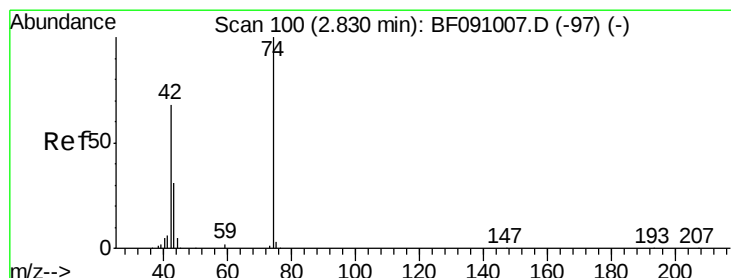
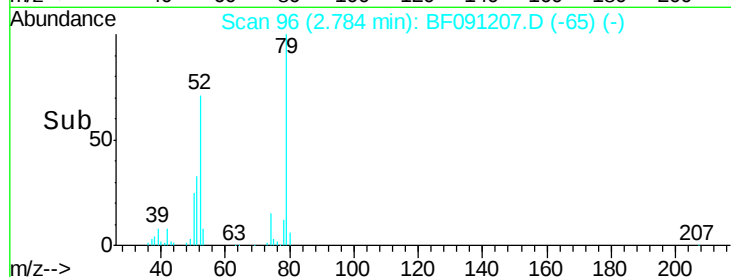
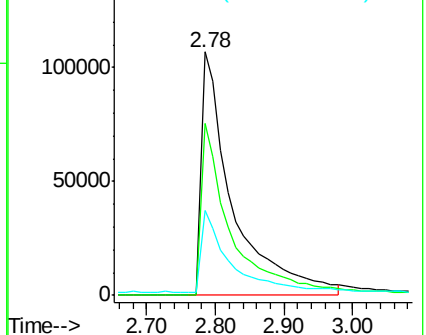
51 34.8 27.4 41.0



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: 44.03 ng

RT: 2.75 min Scan# 93

Delta R.T. 0.05 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

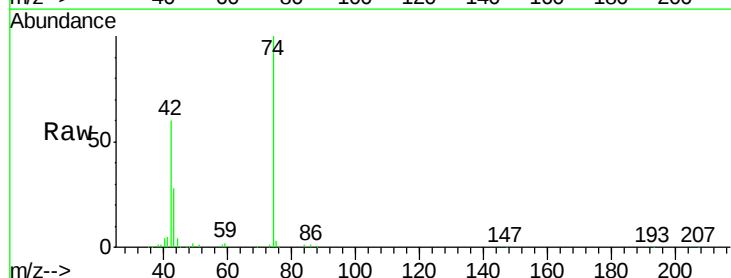
Tgt Ion: 42 Resp: 276305

Ion Ratio Lower Upper

42 100

74 168.0 117.3 175.9

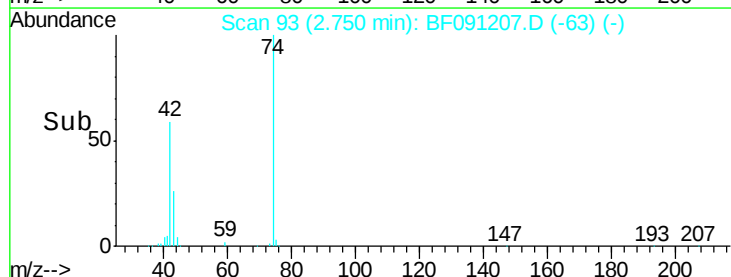
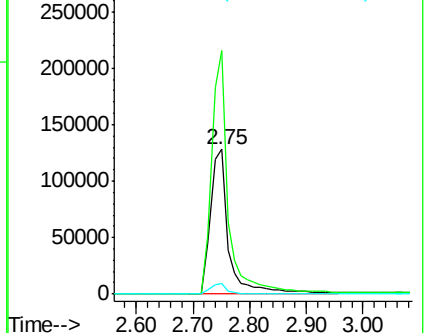
44 7.2 5.8 8.8

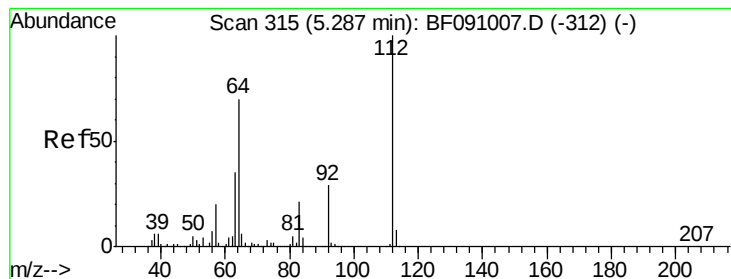


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 137.72 ng

RT: 5.22 min Scan# 309

Delta R.T. 0.02 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

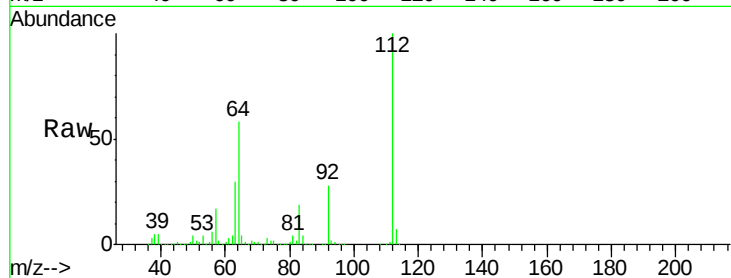
Tgt Ion: 112 Resp: 1632659

Ion Ratio Lower Upper

112 100

64 58.3 55.8 83.6

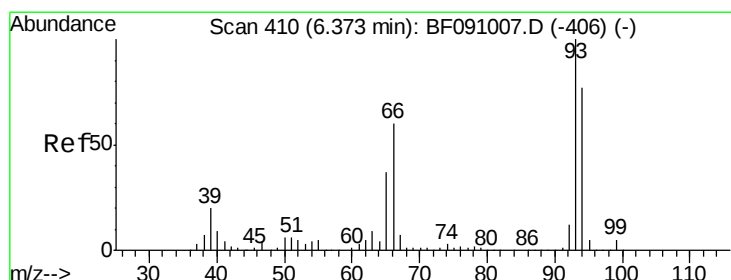
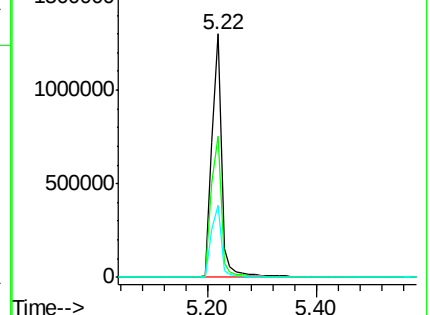
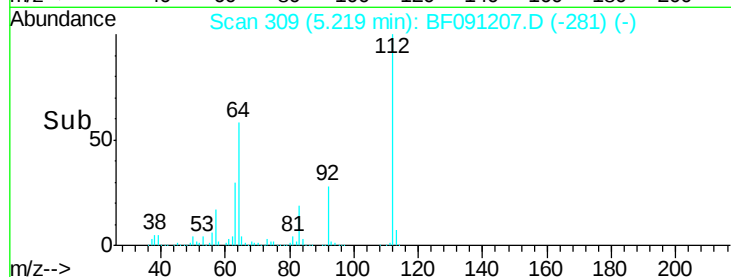
63 29.7 28.0 42.0



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: 27.73 ng

RT: 6.29 min Scan# 403

Delta R.T. 0.01 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

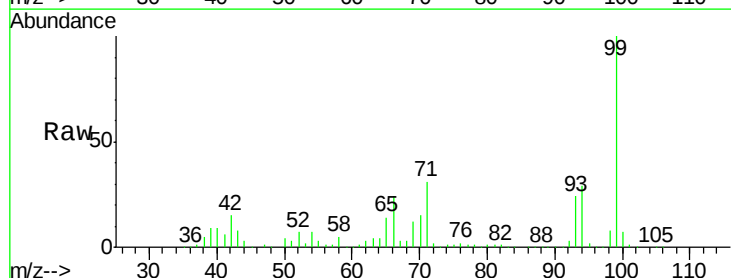
Tgt Ion: 93 Resp: 526284

Ion Ratio Lower Upper

93 100

66 98.6 48.2 72.2#

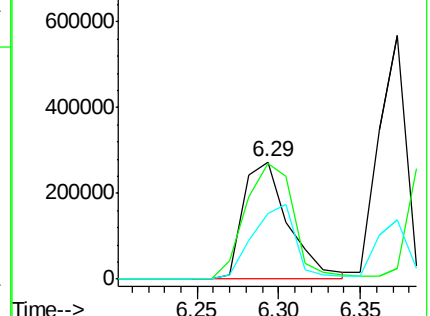
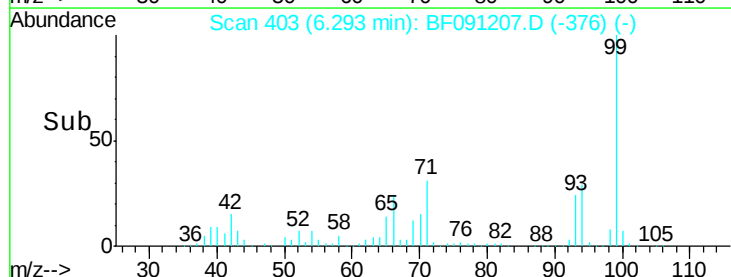
65 55.6 29.4 44.0#

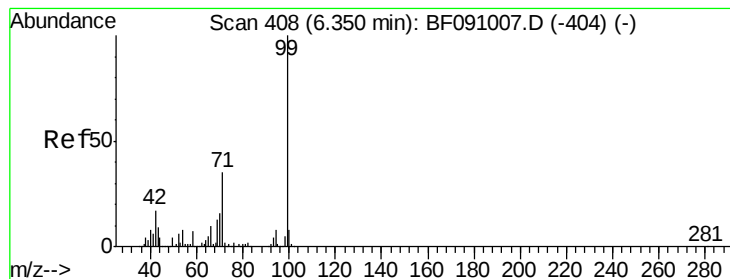


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.26 ng

RT: 6.29 min Scan# 403

Delta R.T. 0.01 min

Lab File: BF091207.D

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FK-BPM-01-AA8-AA9-AA8A-AA9AM

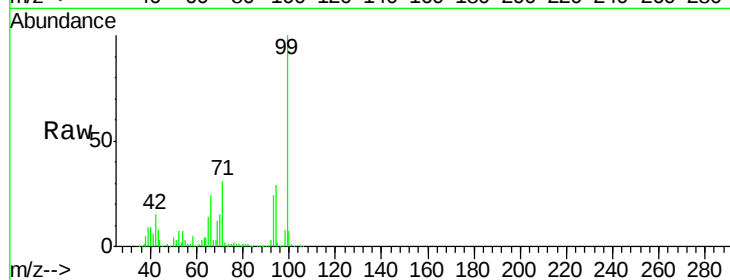
Tgt Ion: 99 Resp: 2079947

Ion Ratio Lower Upper

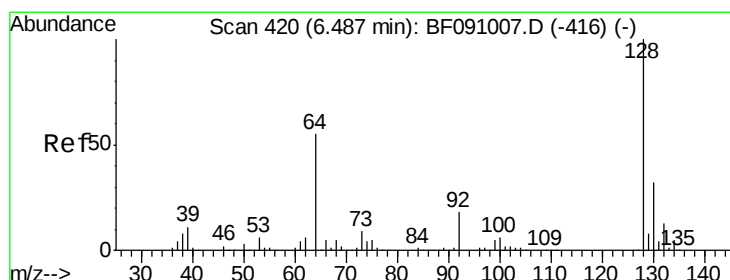
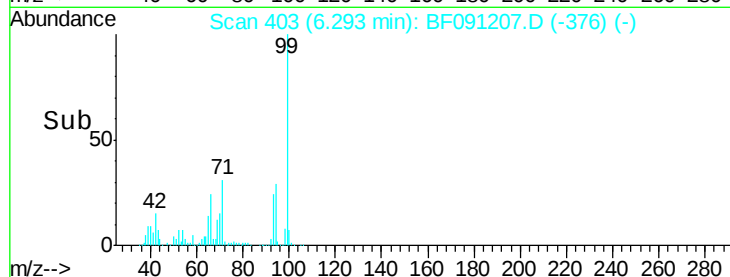
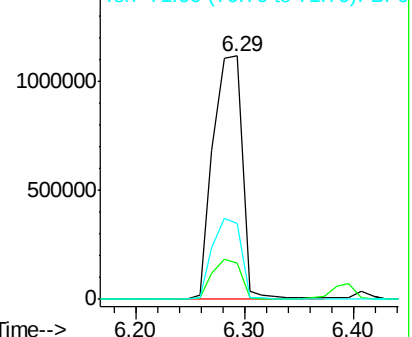
99 100

42 14.7 13.9 20.9

71 31.4 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: 45.40 ng

RT: 6.41 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

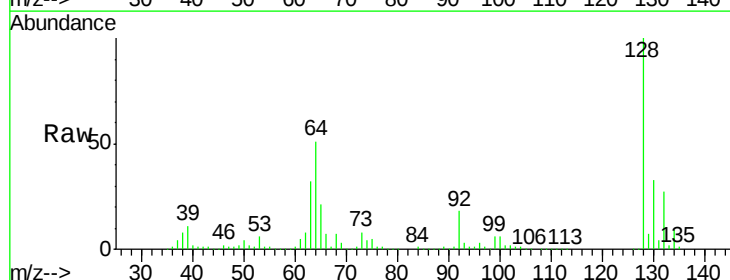
Tgt Ion: 128 Resp: 642017

Ion Ratio Lower Upper

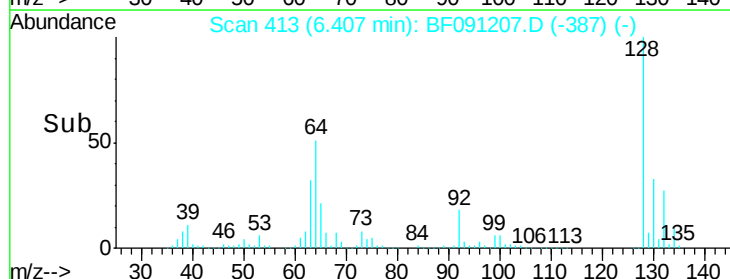
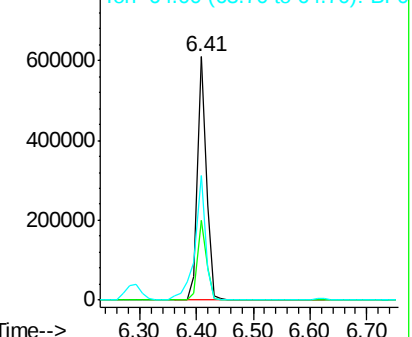
128 100

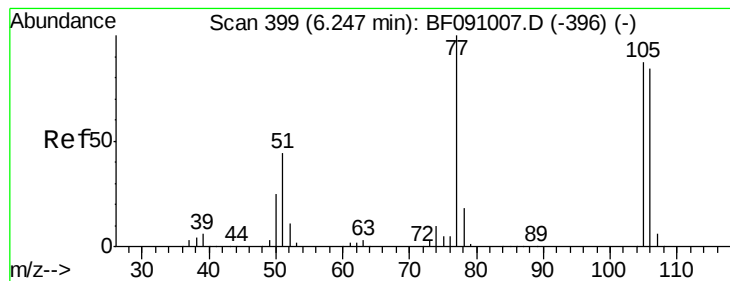
130 33.0 12.0 52.0

64 51.2 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: 6.51 ng

RT: 6.18 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

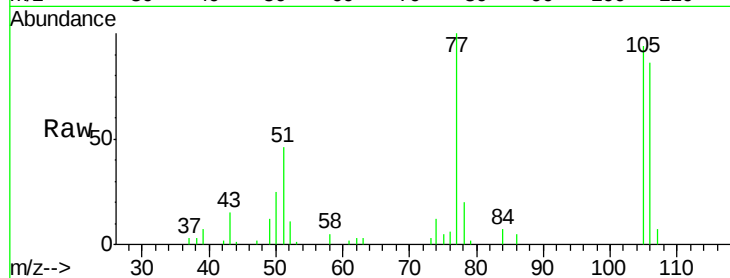
Tgt Ion: 77 Resp: 58127

Ion Ratio Lower Upper

77 100

105 93.7 66.8 106.8

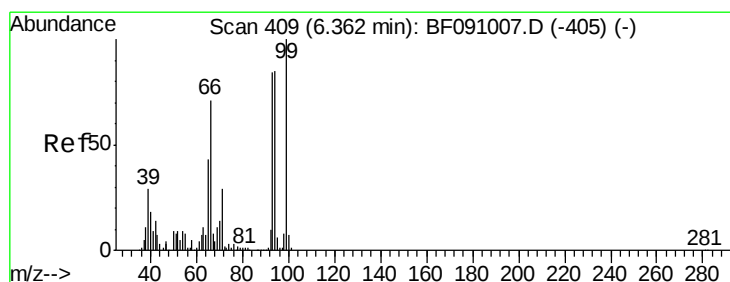
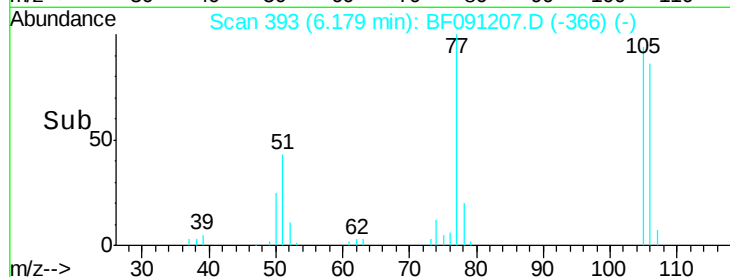
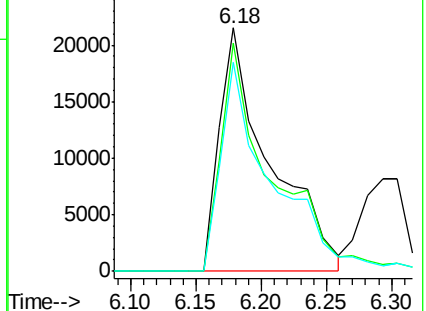
106 85.6 64.0 104.0



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: 46.61 ng

RT: 6.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

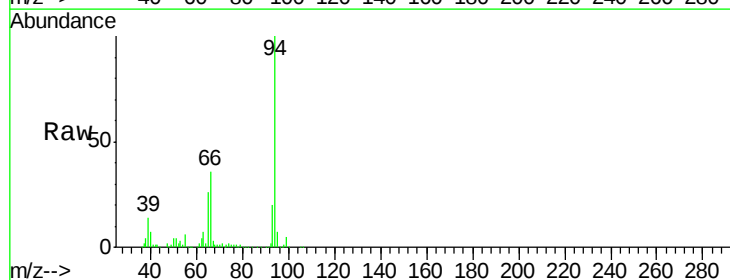
Tgt Ion: 94 Resp: 830033

Ion Ratio Lower Upper

94 100

65 26.0 30.4 70.4#

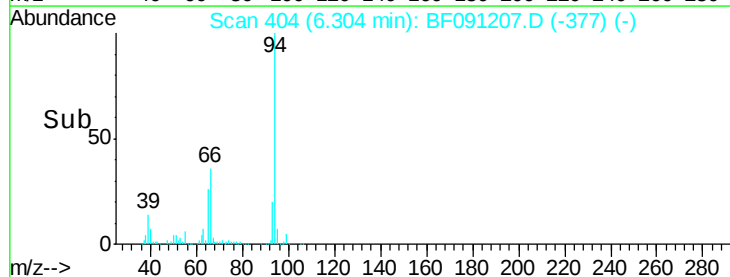
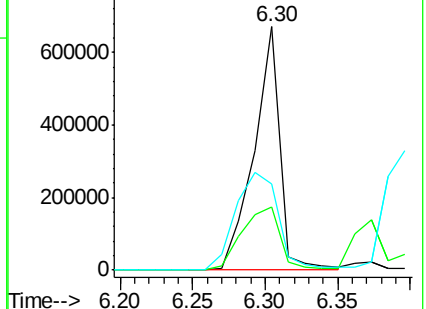
66 35.5 62.9 102.9#

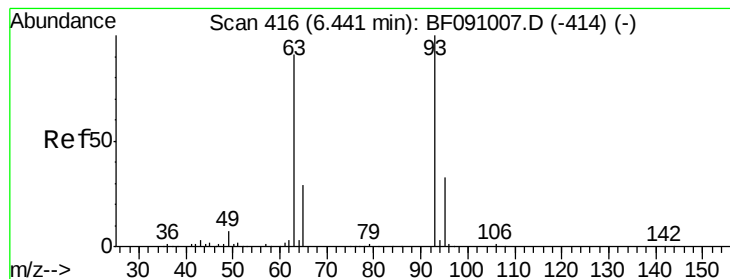


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 46.81 ng

RT: 6.37 min Scan# 410

Delta R.T. 0.01 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

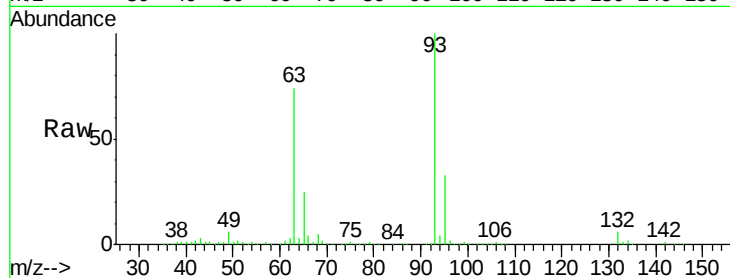
Tgt Ion: 93 Resp: 702364

Ion Ratio Lower Upper

93 100

63 73.6 68.9 108.9

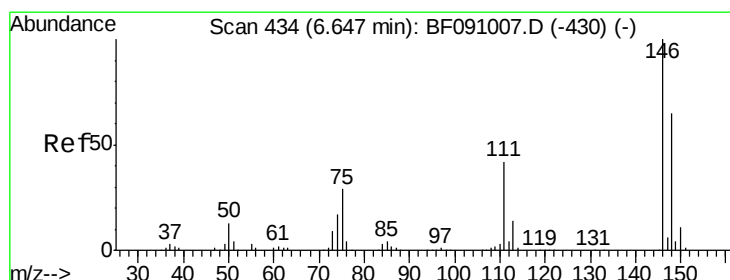
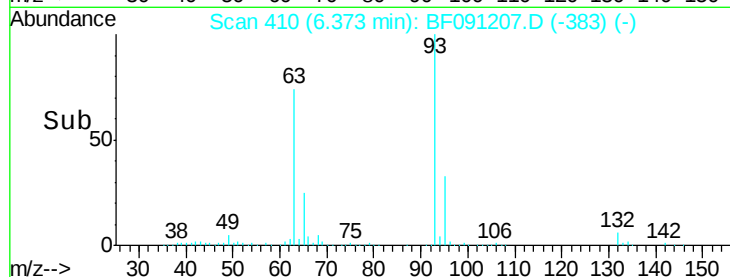
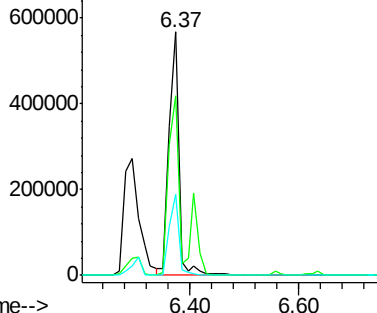
95 33.4 12.3 52.3



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: 45.43 ng m

RT: 6.56 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

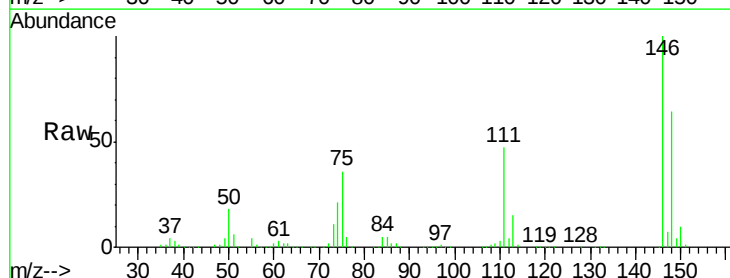
Tgt Ion: 146 Resp: 649677

Ion Ratio Lower Upper

146 100

148 64.4 52.0 78.0

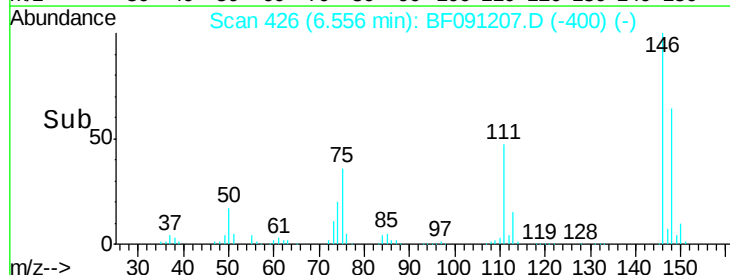
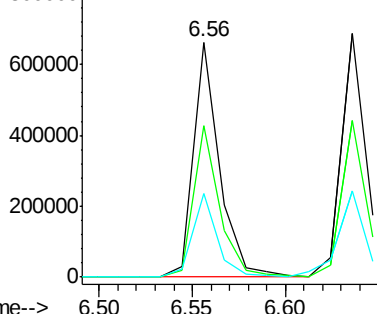
75 35.5 23.0 34.6#



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

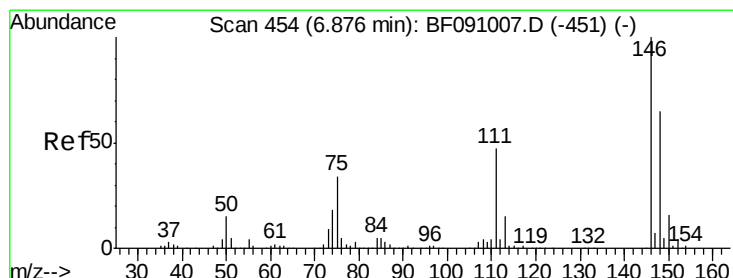
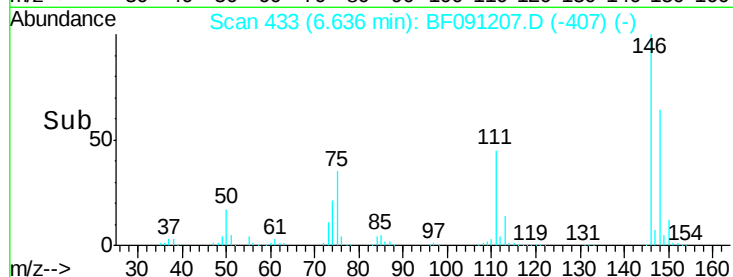
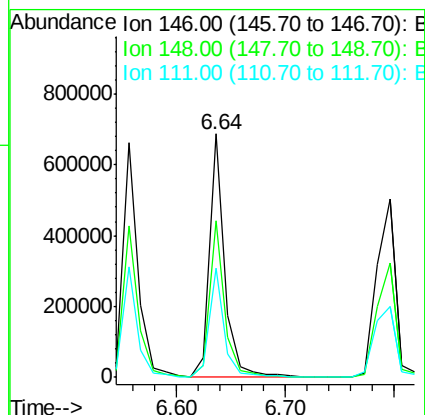
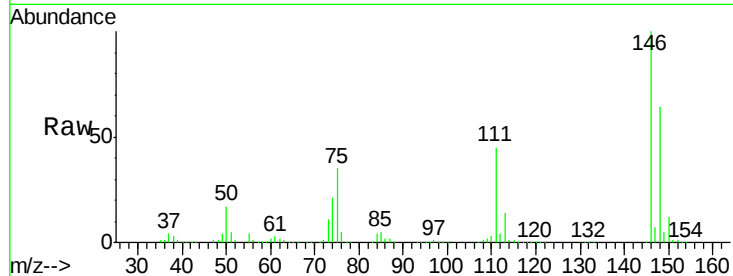




#13
 1,4-Dichlorobenzene
 Concen: 43.99 ng
 RT: 6.64 min Scan# 433
 Delta R.T. -0.00 min
 Lab File: BF091207.D
 Acq: 17 Nov 2016 00:01

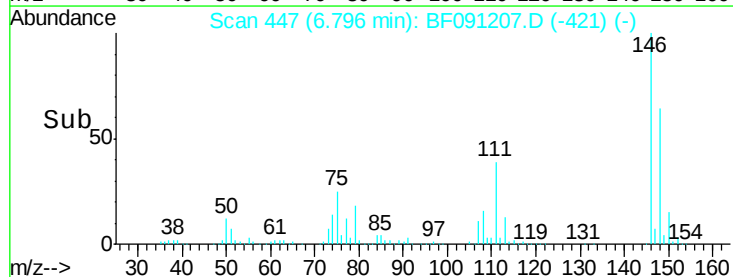
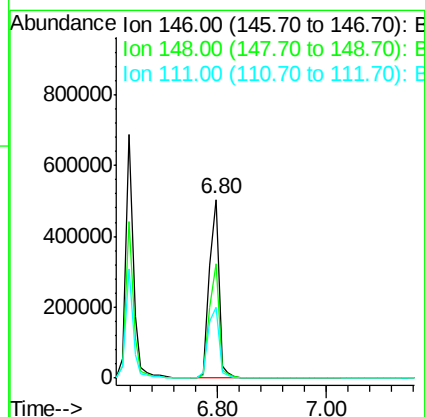
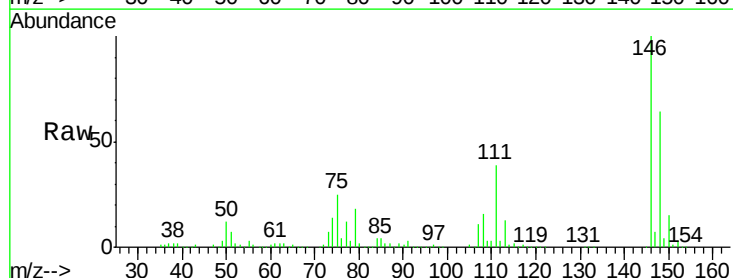
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:146 Resp: 675018
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.1 78.1
 111 45.0 31.6 47.4



#14
 1,2-Dichlorobenzene
 Concen: 44.08 ng
 RT: 6.80 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF091207.D
 Acq: 17 Nov 2016 00:01

Tgt Ion:146 Resp: 620712
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.6 77.4
 111 39.4 37.3 55.9





#15

Benzyl Alcohol

Concen: 46.44 ng

RT: 6.78 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

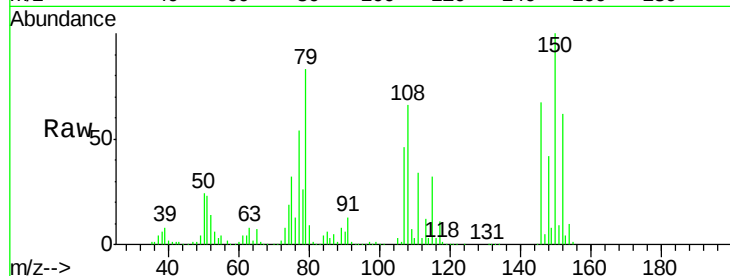
Tgt Ion: 79 Resp: 527083

Ion Ratio Lower Upper

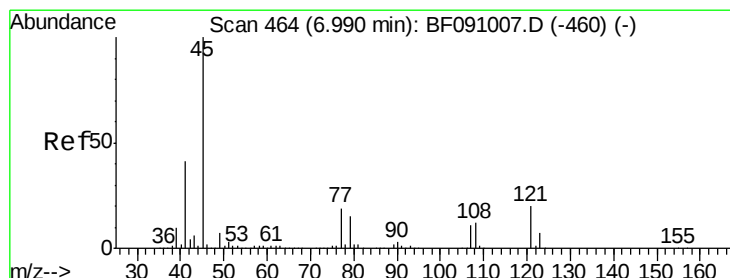
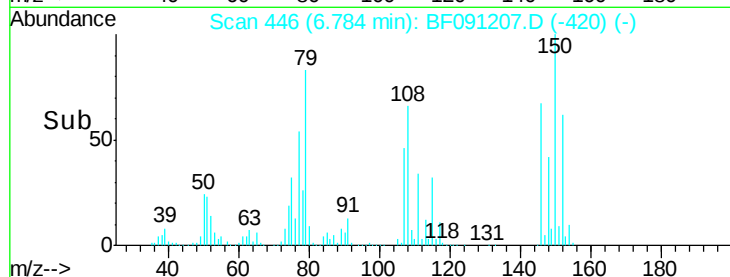
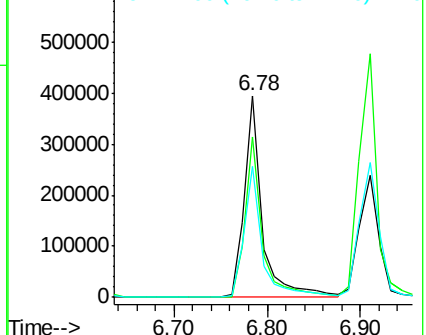
79 100

108 79.7 55.7 83.5

77 64.9 52.6 79.0



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: 36.96 ng

RT: 6.91 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

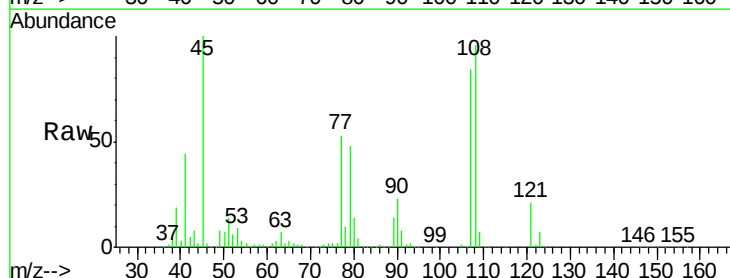
Tgt Ion: 45 Resp: 794187

Ion Ratio Lower Upper

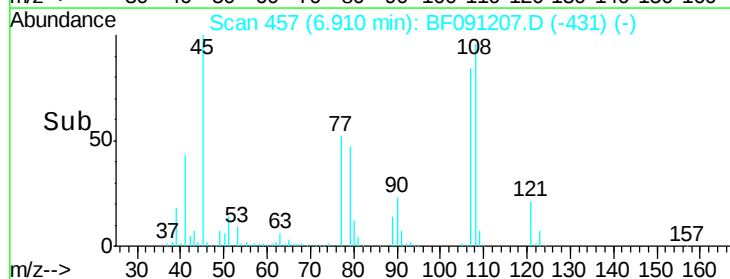
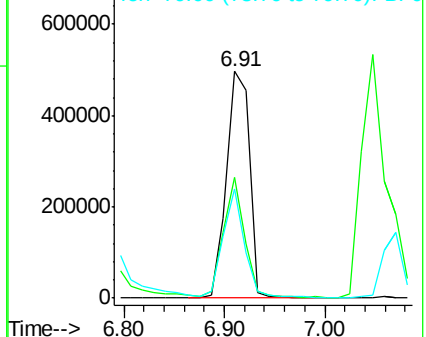
45 100

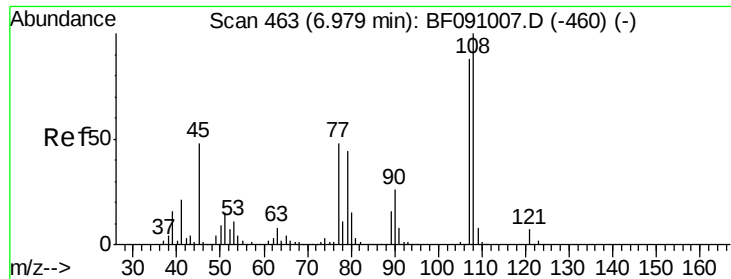
77 53.4 0.0 39.6#

79 48.3 0.0 35.9#



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

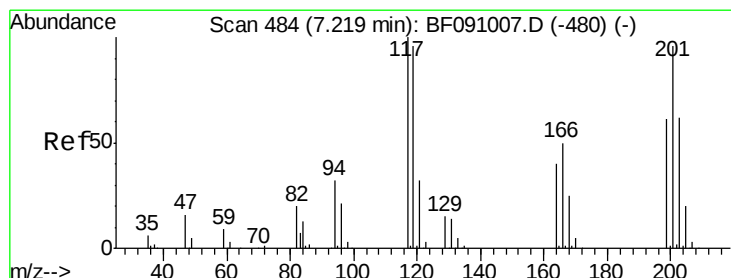
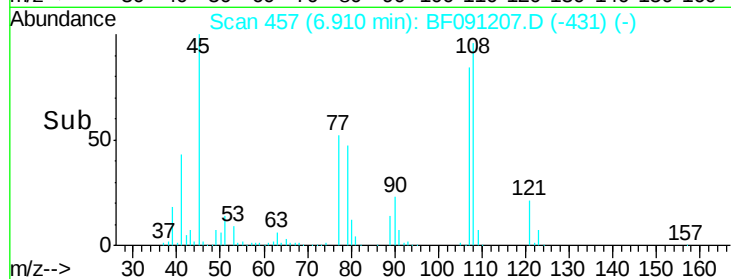
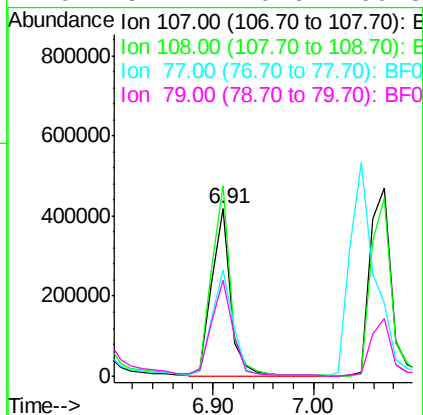
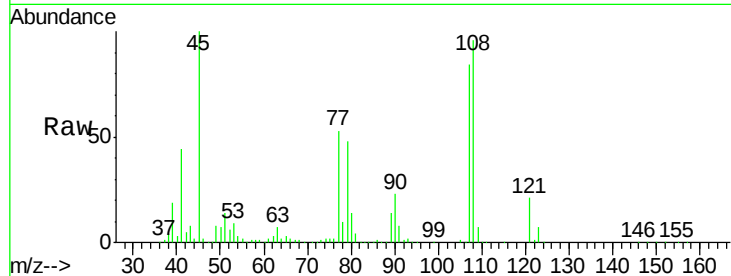




#17
2-Methylphenol
Concen: 48.40 ng
RT: 6.91 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

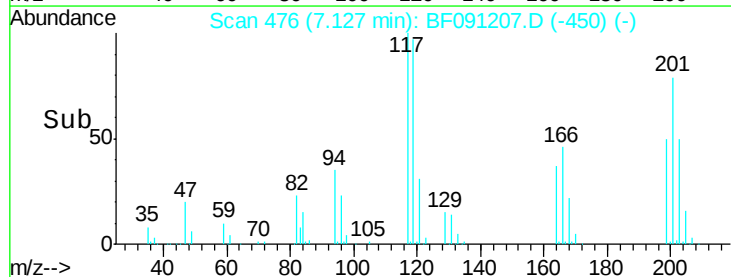
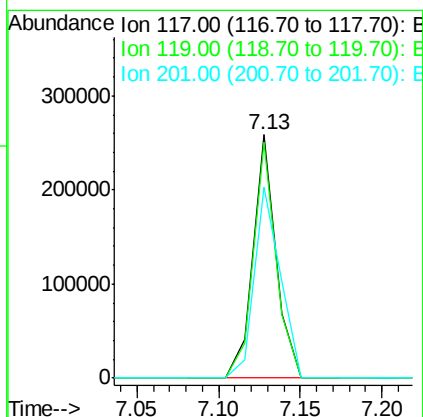
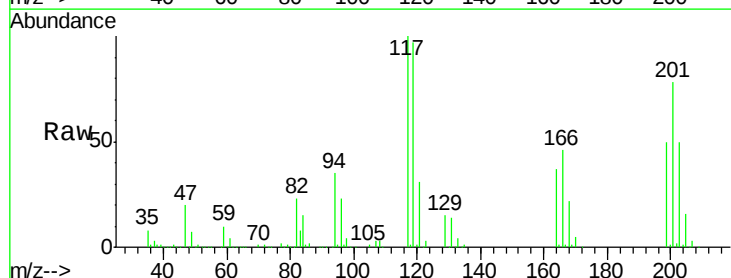
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA8-AA9-AA8A-AA9AM

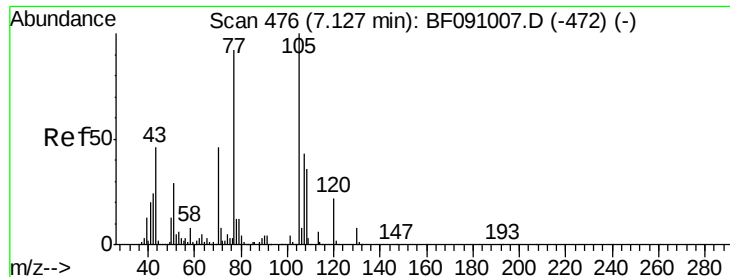
Tgt Ion:107 Resp: 541850
Ion Ratio Lower Upper
107 100
108 113.9 91.0 136.6
77 63.4 43.8 65.8
79 57.4 40.6 60.8



#18
Hexachloroethane
Concen: 42.64 ng
RT: 7.13 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:117 Resp: 253228
Ion Ratio Lower Upper
117 100
119 96.8 76.6 115.0
201 78.5 77.1 115.7

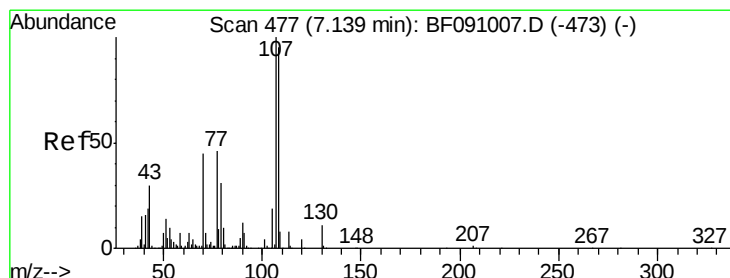
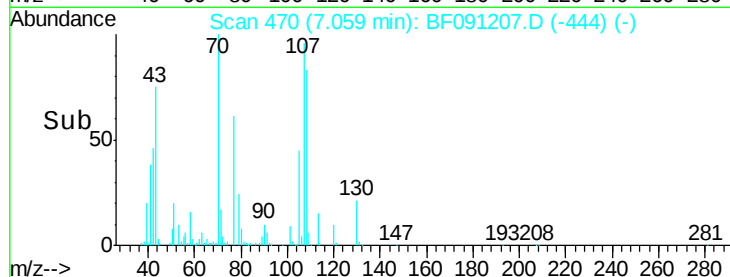
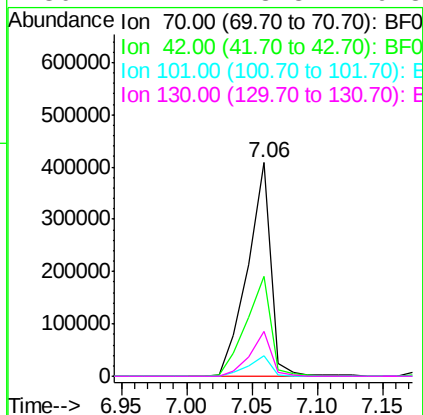
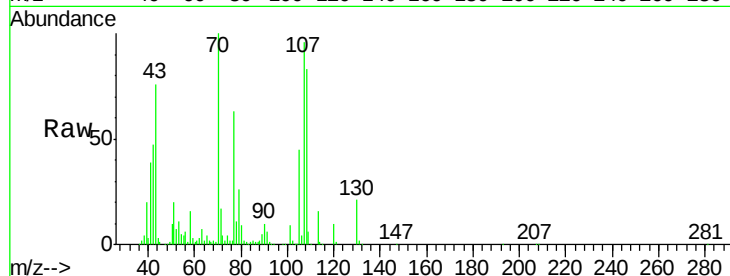




#19
n-Nitroso-di-n-propylamine
Concen: 45.50 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

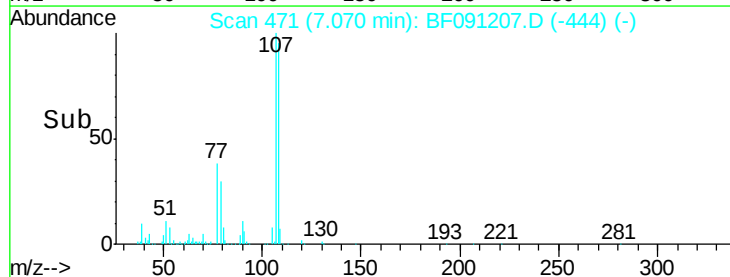
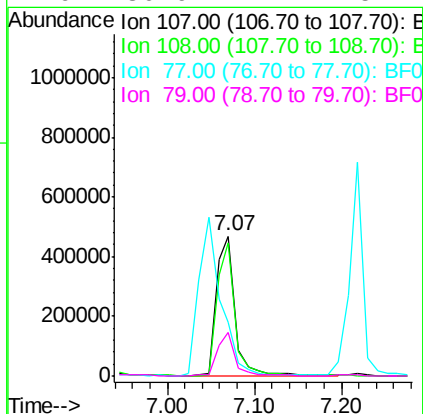
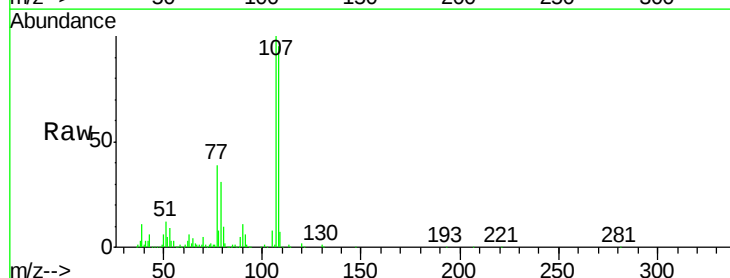
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA8-AA9-AA8A-AA9AM

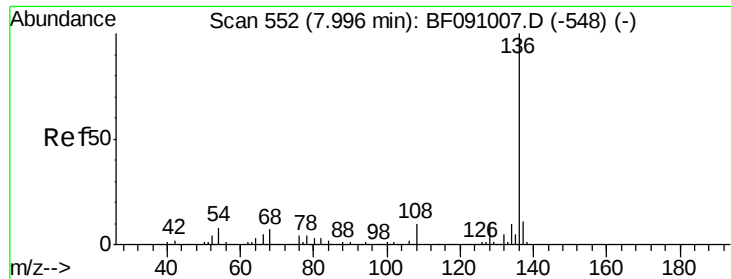
Tgt Ion: 70 Resp: 507345
Ion Ratio Lower Upper
70 100
42 47.0 41.7 62.5
101 9.3 6.7 10.1
130 21.1 13.8 20.8#



#20
3+4-Methylphenols
Concen: 52.56 ng
RT: 7.07 min Scan# 471
Delta R.T. 0.01 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion: 107 Resp: 706382
Ion Ratio Lower Upper
107 100
108 95.0 75.5 115.5
77 38.8 26.4 66.4
79 30.9 11.1 51.1

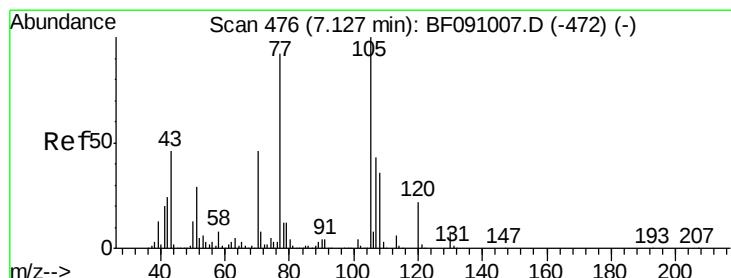
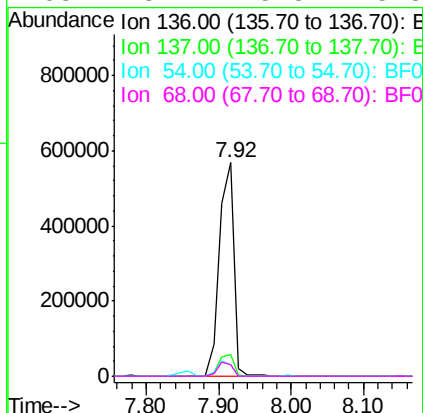
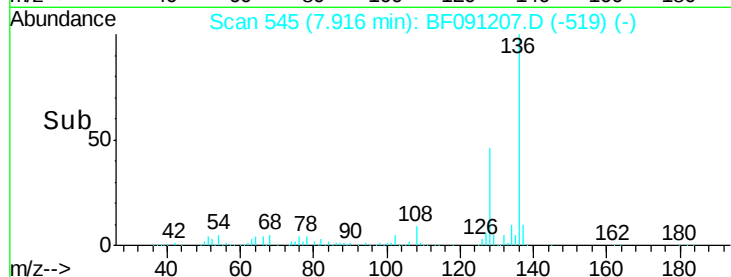
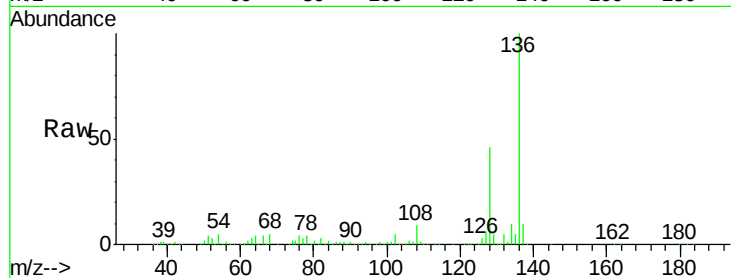




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

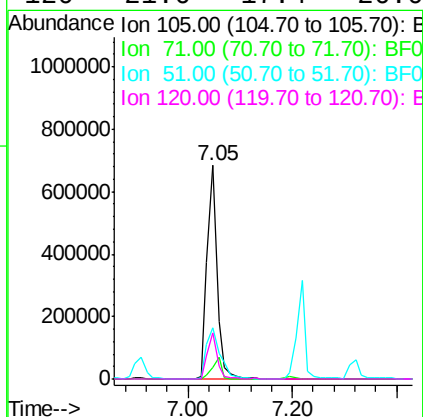
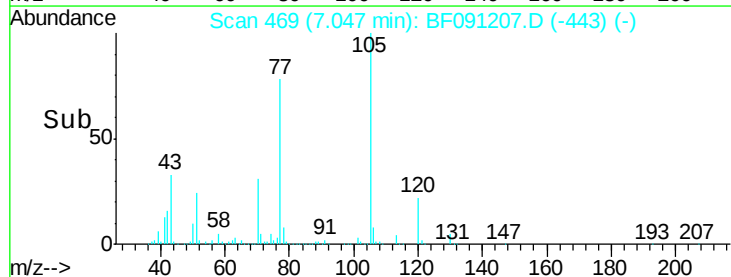
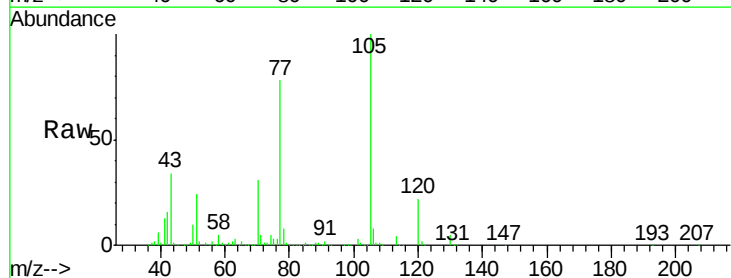
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA8-AA9-AA8A-AA9AM

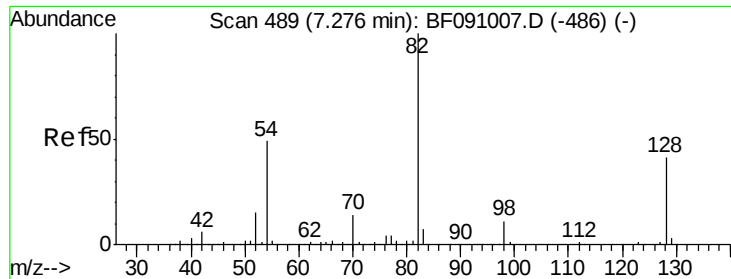
Tgt Ion:	136	Resp:	788348
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.9	13.3
54	5.2	6.2	9.2#
68	5.2	5.5	8.3#



#22
Acetophenone
Concen: 50.71 ng
RT: 7.05 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:	105	Resp:	920433
Ion Ratio	Lower	Upper	
105	100		
71	5.3	6.2	9.2#
51	24.2	23.3	34.9
120	21.6	17.4	26.0

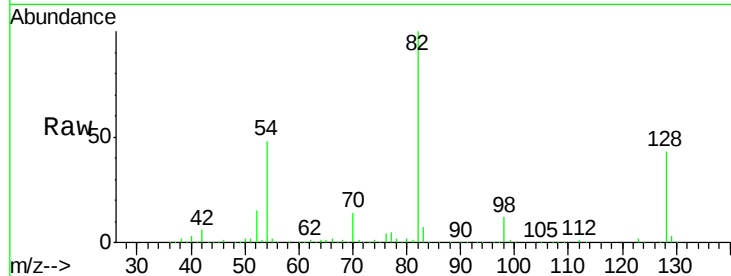




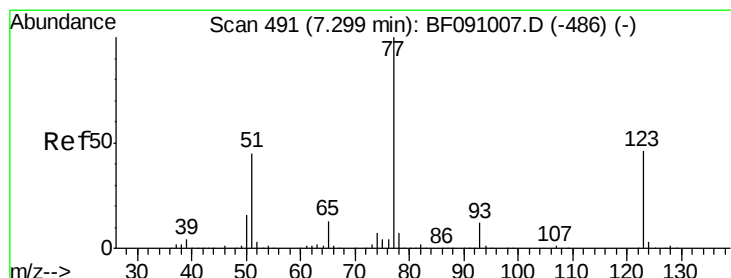
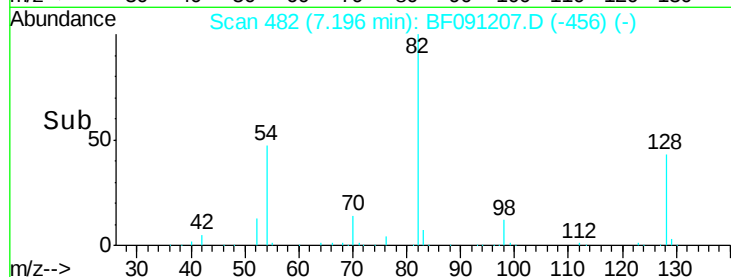
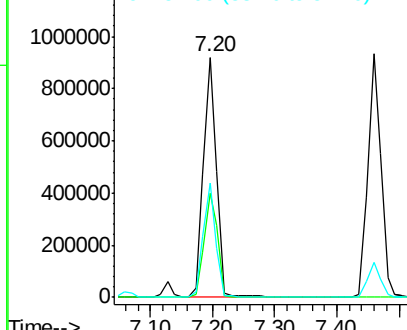
#23
 Nitrobenzene-d5
 Concen: 93.73 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.00 min
 Lab File: BF091207.D
 Acq: 17 Nov 2016 00:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion: 82 Resp: 1354504
 Ion Ratio Lower Upper
 82 100
 128 43.3 32.4 48.6
 54 47.8 39.2 58.8

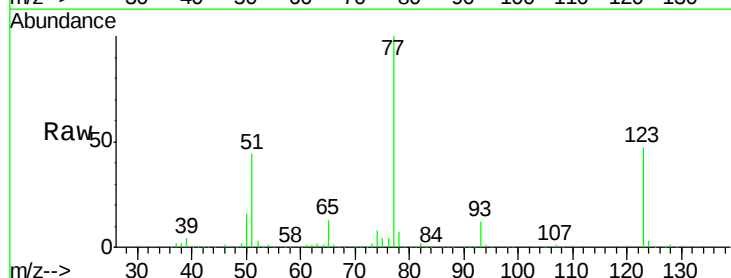


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

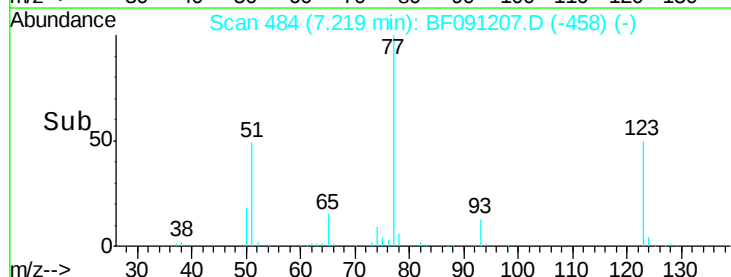
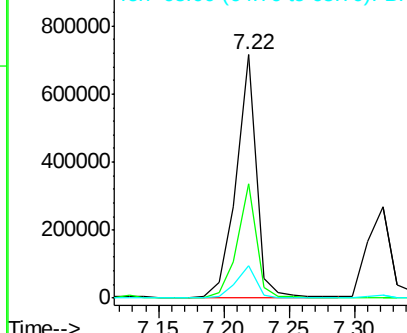


#24
 Nitrobenzene
 Concen: 47.54 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.00 min
 Lab File: BF091207.D
 Acq: 17 Nov 2016 00:01

Tgt Ion: 77 Resp: 758811
 Ion Ratio Lower Upper
 77 100
 123 47.2 36.5 54.7
 65 13.3 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 48.43 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

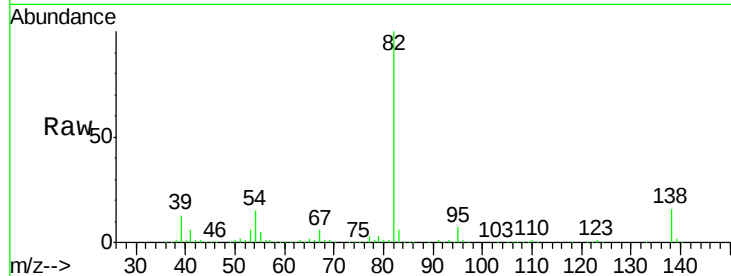
Tgt Ion: 82 Resp: 1348759

Ion Ratio Lower Upper

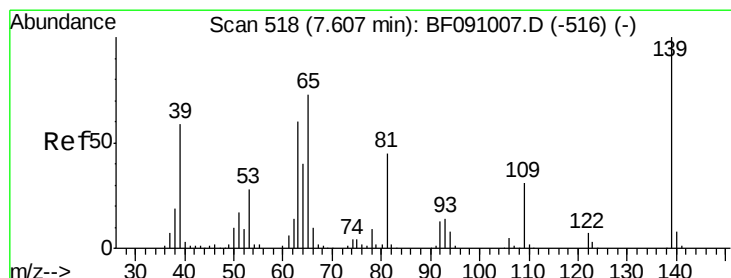
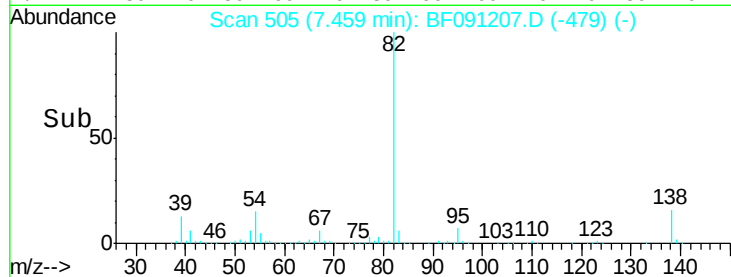
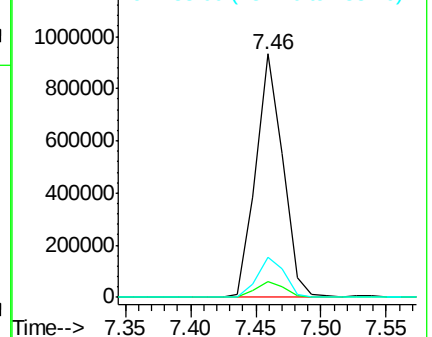
82 100

95 6.6 5.4 8.0

138 16.3 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: 52.77 ng

RT: 7.54 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

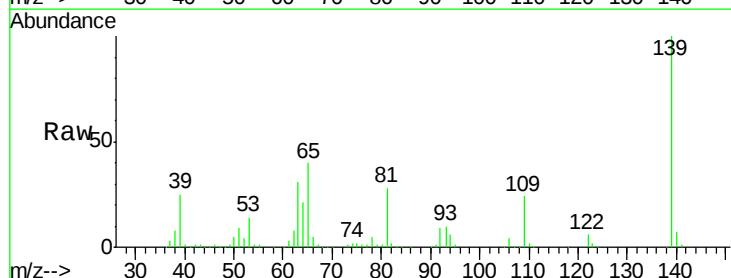
Tgt Ion: 139 Resp: 356434

Ion Ratio Lower Upper

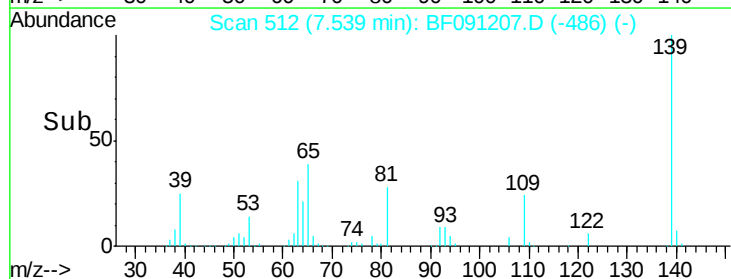
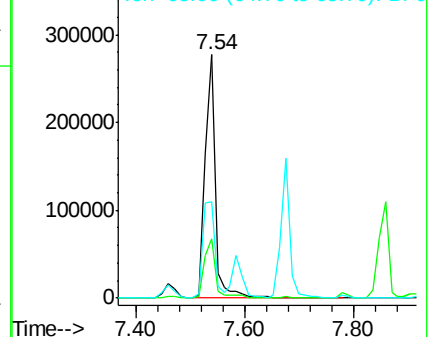
139 100

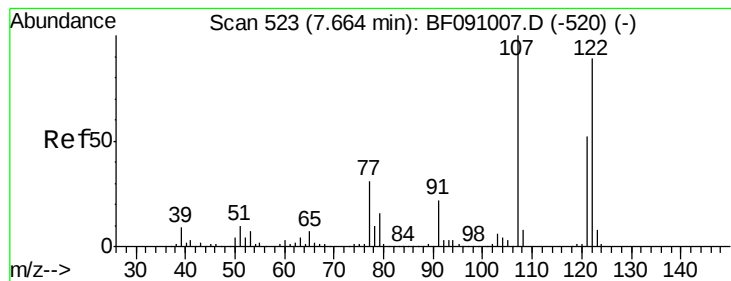
109 24.1 24.7 37.1#

65 39.8 58.3 87.5#



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





#27

2,4-Dimethylphenol

Concen: 52.56 ng

RT: 7.58 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

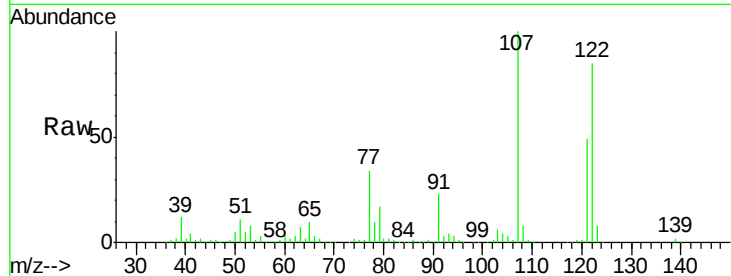
Tgt Ion:122 Resp: 587090

Ion Ratio Lower Upper

122 100

107 117.9 89.6 134.4

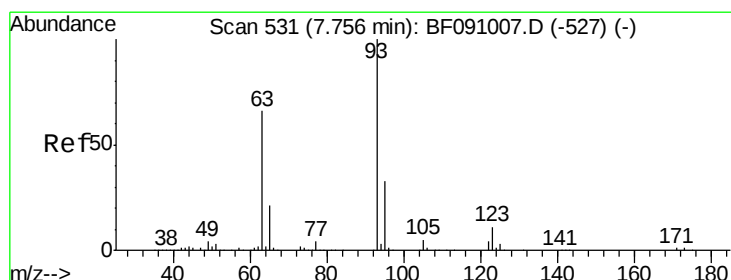
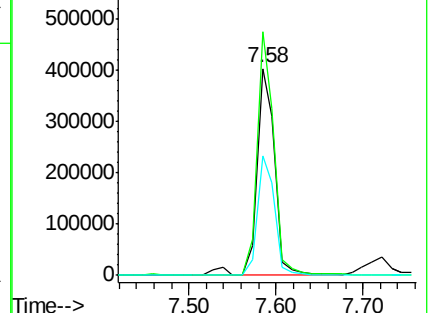
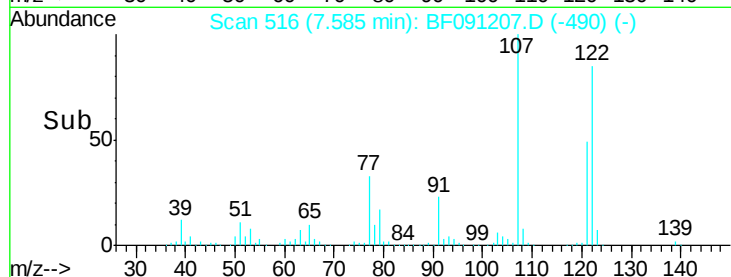
121 57.7 46.3 69.5



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: 53.01 ng

RT: 7.68 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

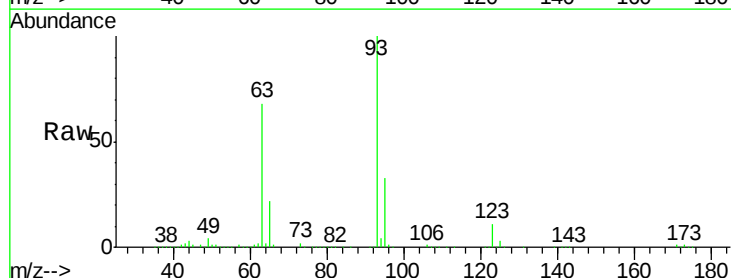
Tgt Ion: 93 Resp: 806410

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

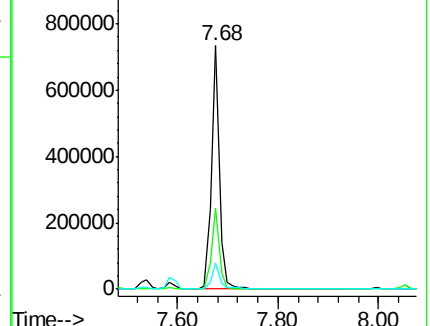
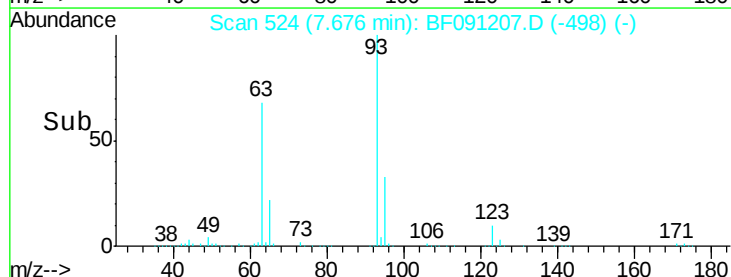
123 10.5 8.7 13.1

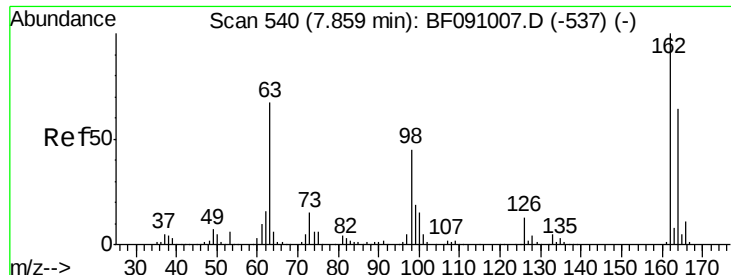


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

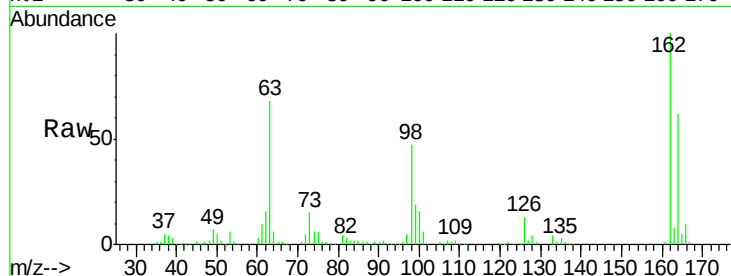




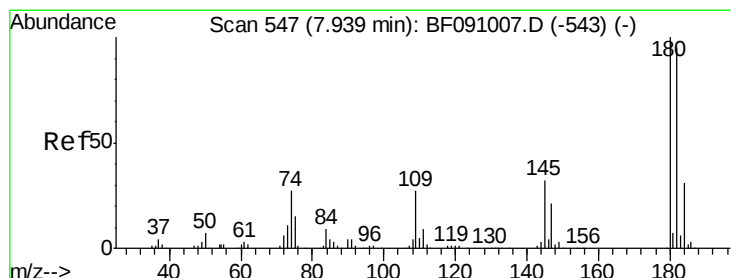
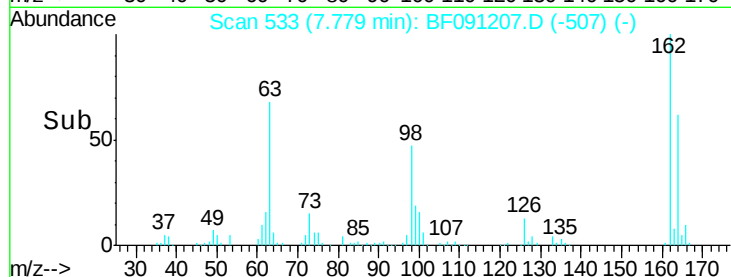
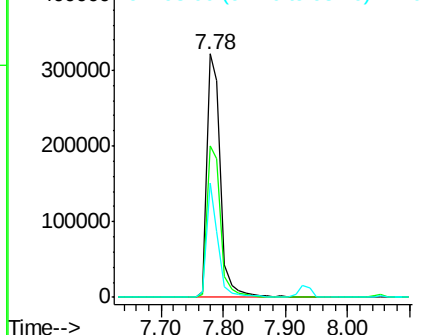
#29
 2,4-Dichlorophenol
 Concen: 49.62 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.00 min
 Lab File: BF091207.D
 Acq: 17 Nov 2016 00:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:162 Resp: 483707
 Ion Ratio Lower Upper
 162 100
 164 62.2 44.4 84.4
 98 47.2 25.2 65.2

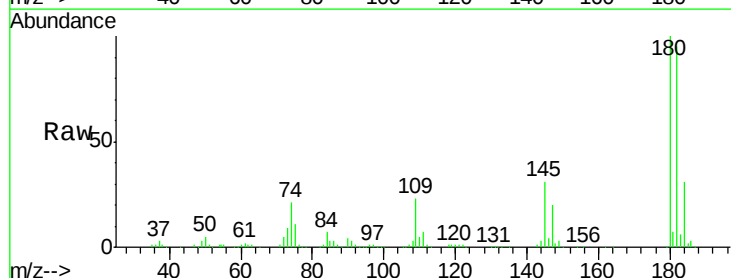


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

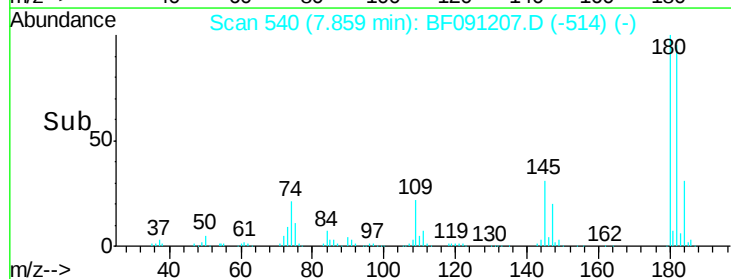
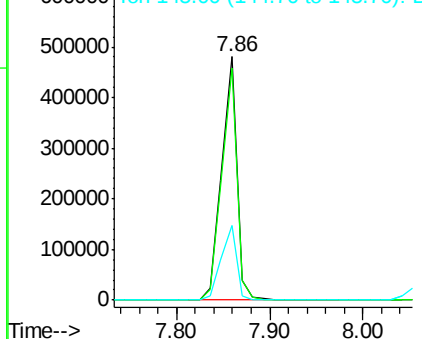


#30
 1,2,4-Trichlorobenzene
 Concen: 49.33 ng
 RT: 7.86 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF091207.D
 Acq: 17 Nov 2016 00:01

Tgt Ion:180 Resp: 540719
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.0 114.0
 145 30.6 25.8 38.8



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: 44.27 ng

RT: 7.93 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

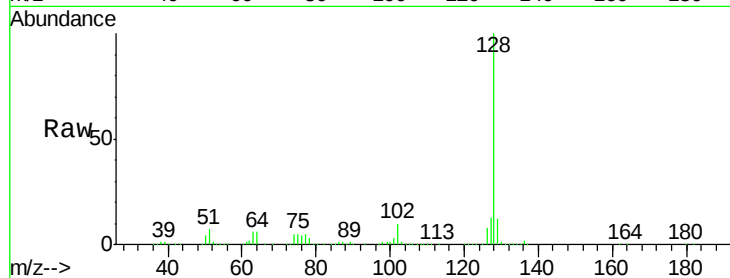
Tgt Ion:128 Resp: 1669055

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

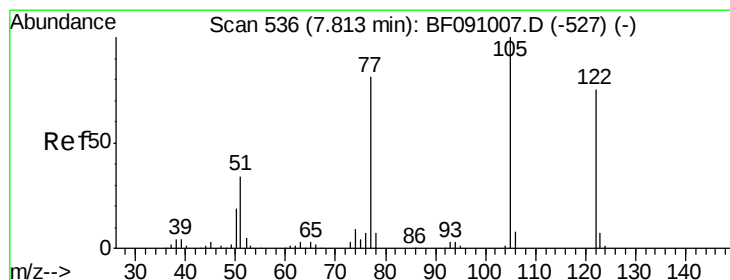
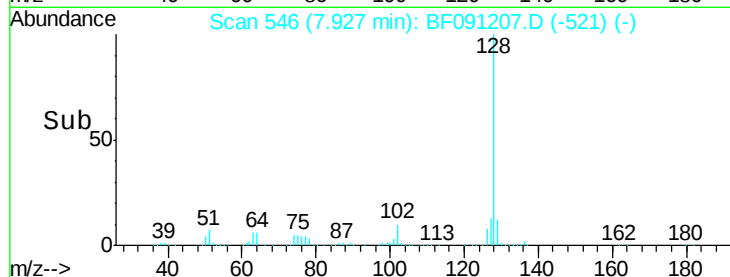
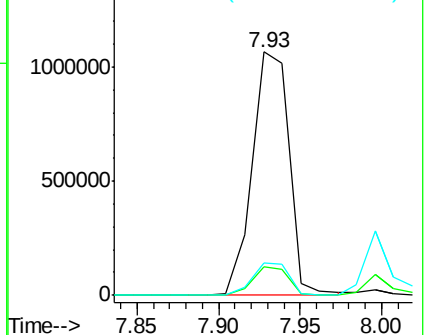
127 13.5 10.9 16.3



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: 12.72 ng

RT: 7.72 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

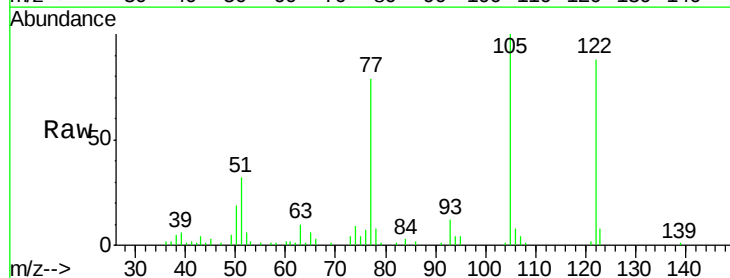
Tgt Ion:122 Resp: 74504

Ion Ratio Lower Upper

122 100

105 114.1 105.9 145.9

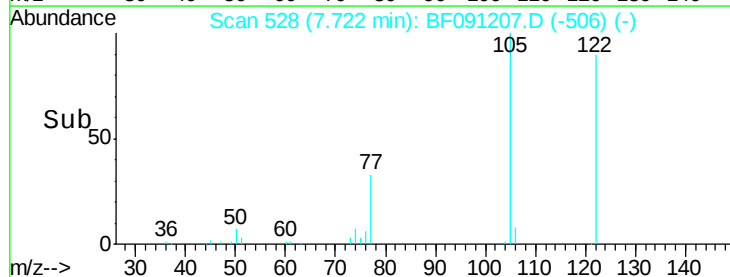
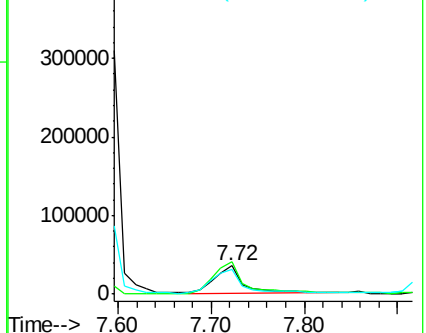
77 89.8 84.0 124.0

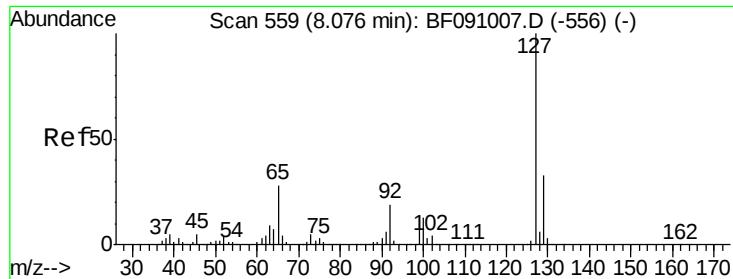


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

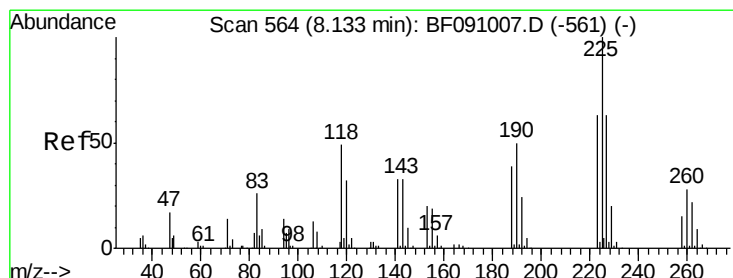
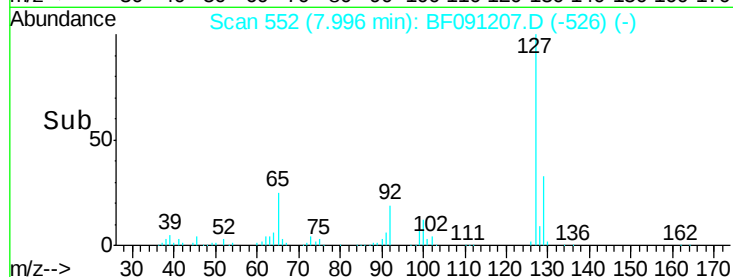
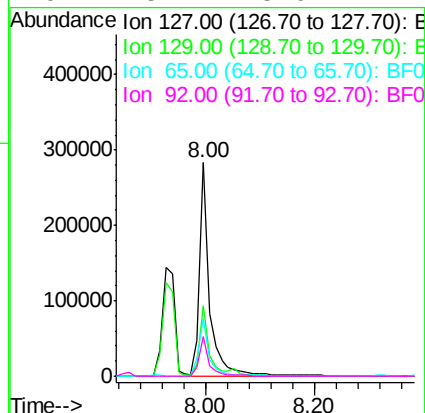
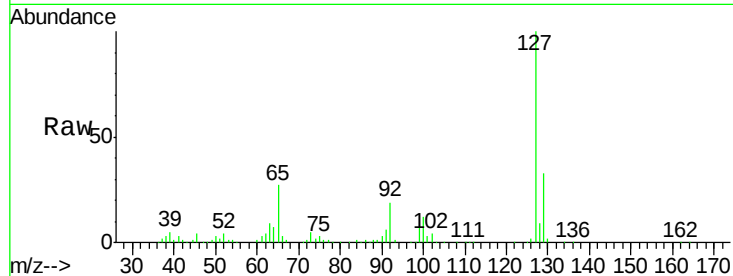




#33
4-Chloroaniline
Concen: 22.68 ng
RT: 8.00 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

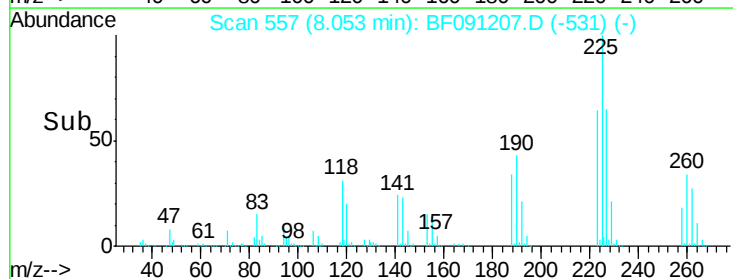
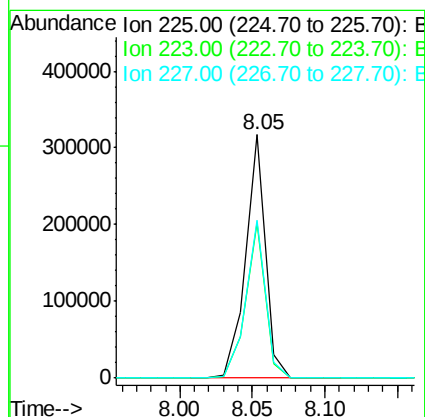
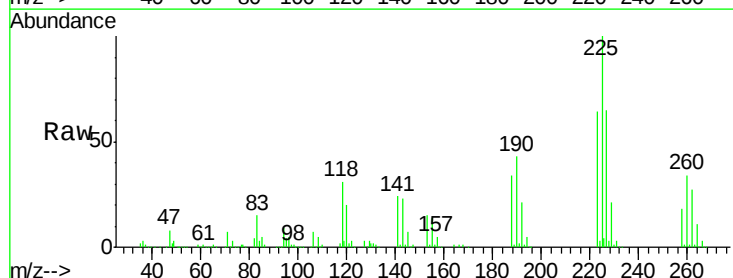
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA8-AA9-AA8A-AA9AM

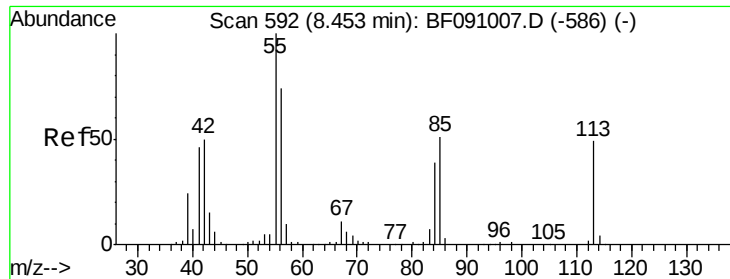
Tgt Ion:	127	Resp:	355583
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	39.8
65	27.2	22.2	33.2
92	18.7	15.0	22.4



#34
Hexachlorobutadiene
Concen: 50.70 ng
RT: 8.05 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:	225	Resp:	299932
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.4	75.6
227	64.6	50.1	75.1

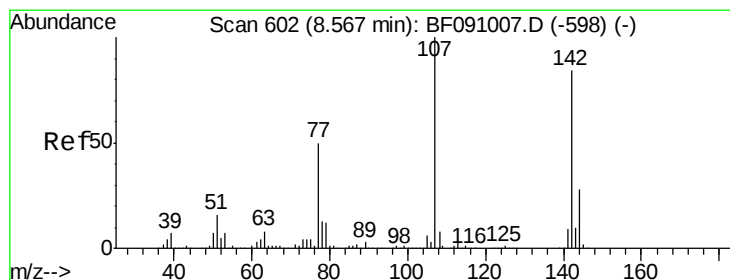
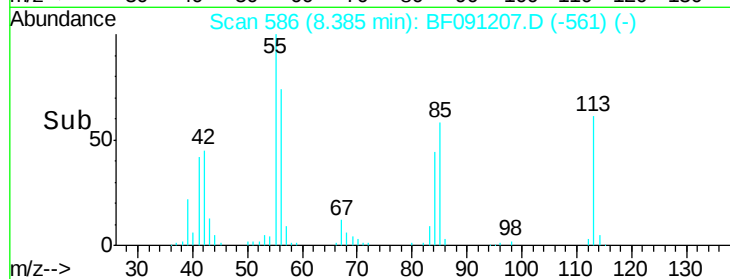
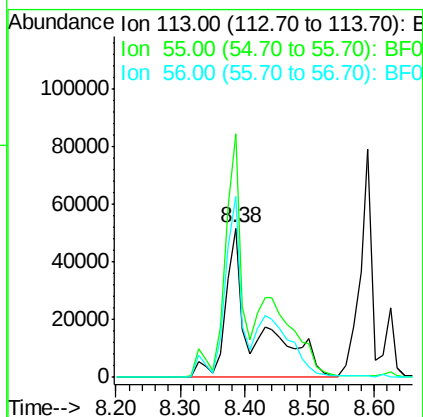
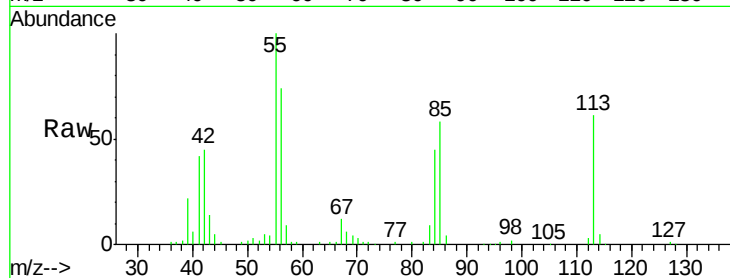




#35
 Caprolactam
 Concen: 54.33 ng m
 RT: 8.38 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF091207.D
 Acq: 17 Nov 2016 00:01

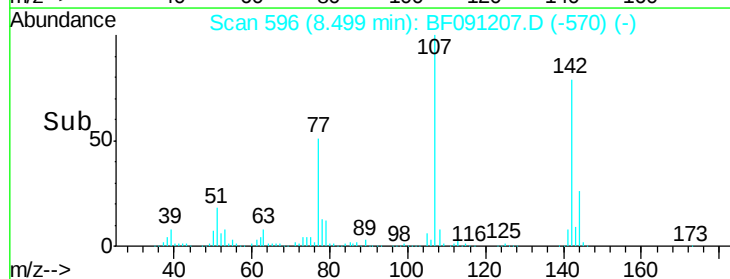
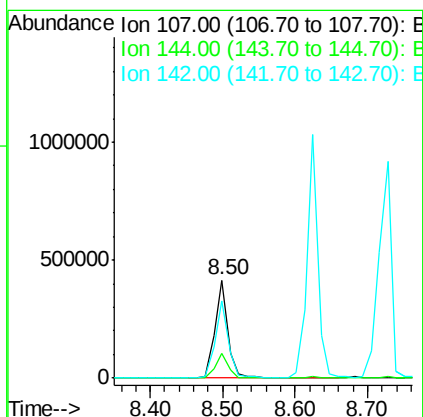
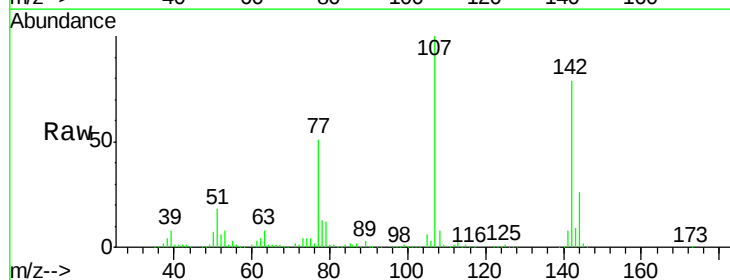
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

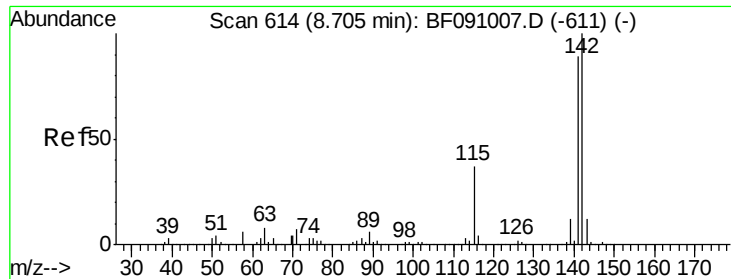
Tgt Ion:113 Resp: 166396
 Ion Ratio Lower Upper
 113 100
 55 163.4 184.1 224.1#
 56 121.7 132.0 172.0#



#36
 4-Chloro-3-methylphenol
 Concen: 44.03 ng
 RT: 8.50 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF091207.D
 Acq: 17 Nov 2016 00:01

Tgt Ion:107 Resp: 519641
 Ion Ratio Lower Upper
 107 100
 144 25.7 22.5 33.7
 142 79.5 67.4 101.2

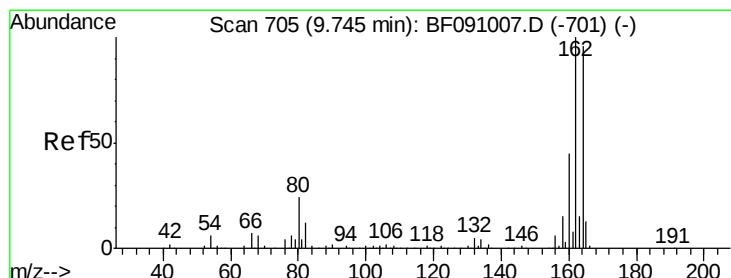
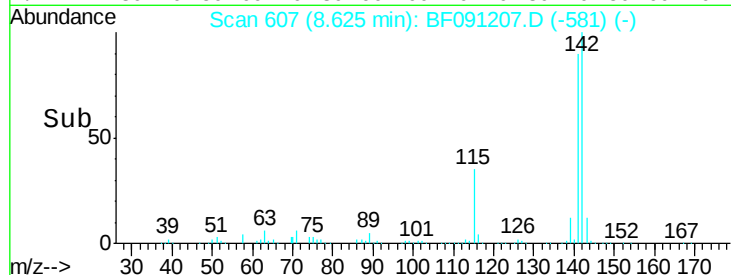
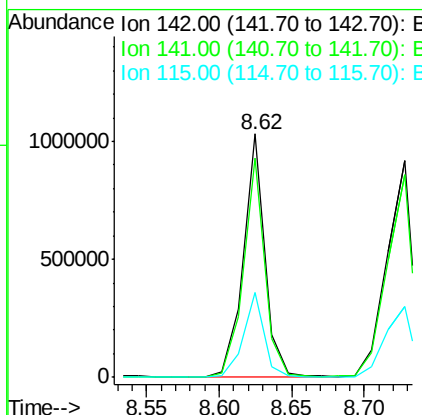
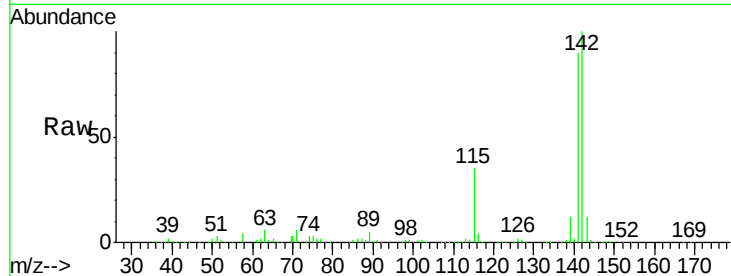




#37
2-Methylnaphthalene
Concen: 44.14 ng
RT: 8.62 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

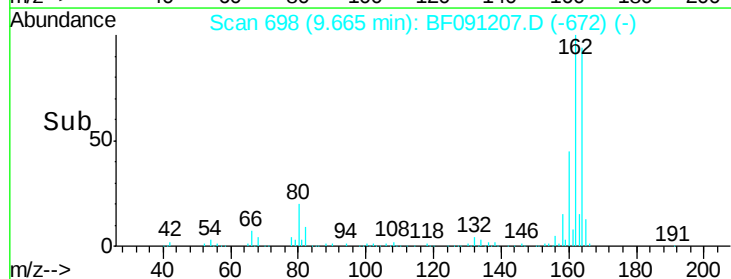
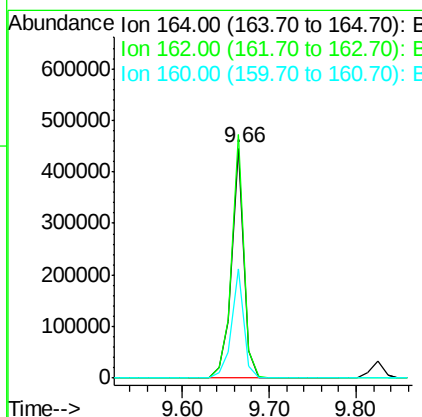
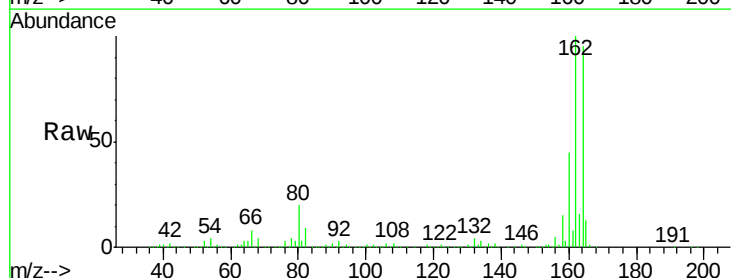
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA8-AA9-AA8A-AA9AM

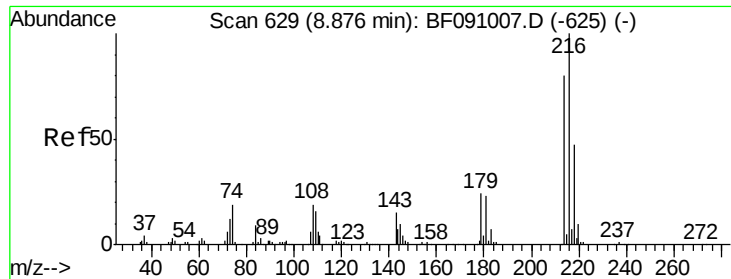
Tgt Ion:142 Resp: 1069793
Ion Ratio Lower Upper
142 100
141 90.1 71.3 106.9
115 34.9 29.9 44.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:164 Resp: 434891
Ion Ratio Lower Upper
164 100
162 105.8 83.6 125.4
160 47.5 37.9 56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.80 ng

RT: 8.80 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:216 Resp: 563254

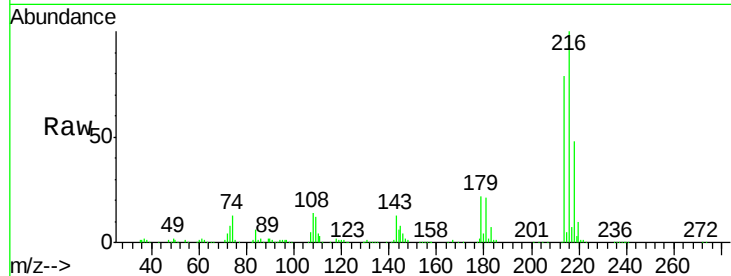
Ion Ratio Lower Upper

216 100

214 79.2 63.5 95.3

179 21.9 19.1 28.7

108 18.7 17.5 26.3

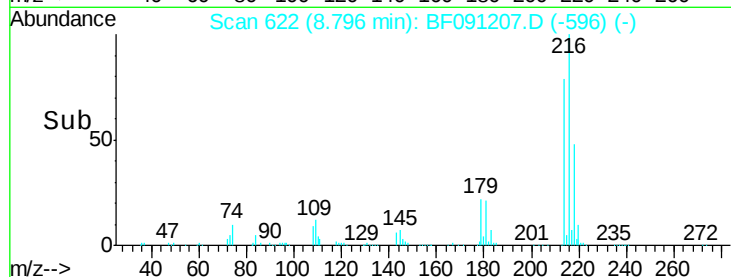


Abundance Ion 216.00 (215.70 to 216.70): E

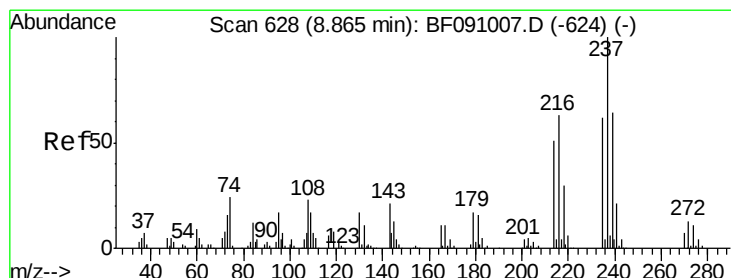
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 105.65 ng

RT: 8.78 min Scan# 621

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

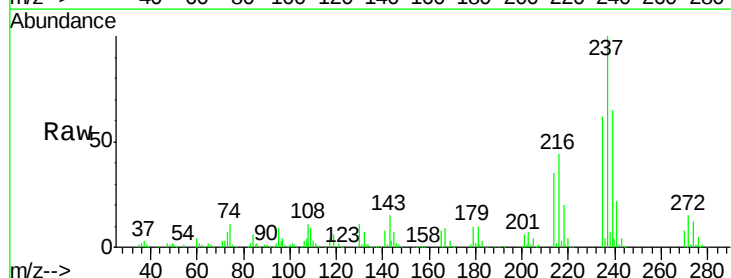
Tgt Ion:237 Resp: 464719

Ion Ratio Lower Upper

237 100

235 62.1 42.1 82.1

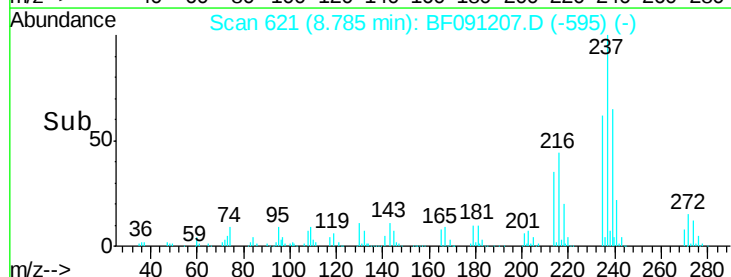
272 15.2 0.0 33.1



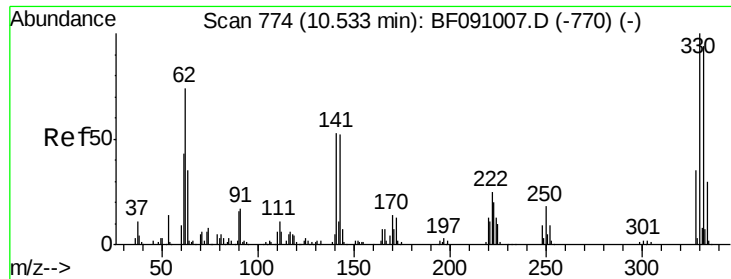
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



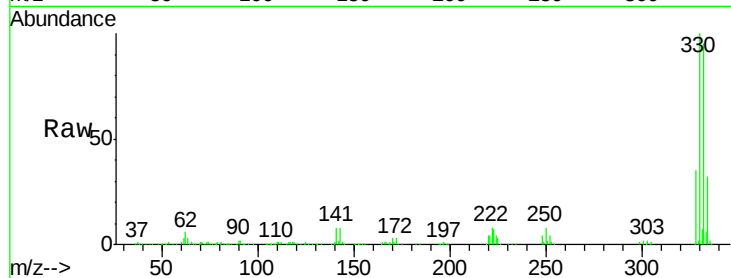
Time-->



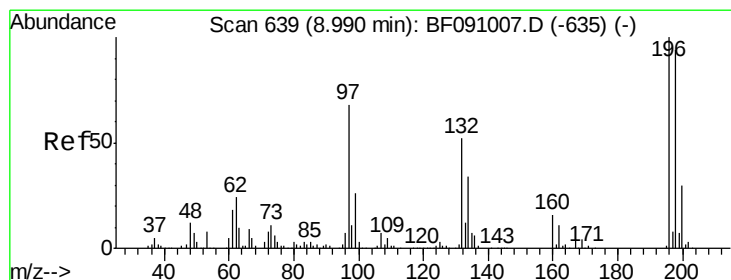
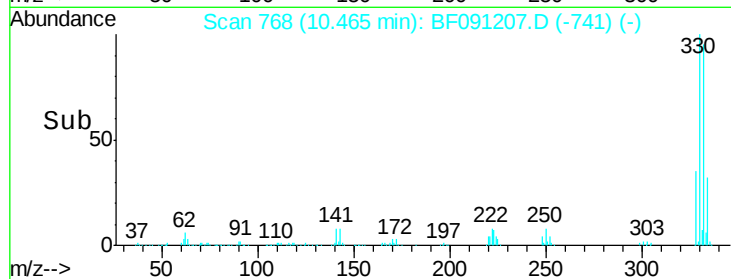
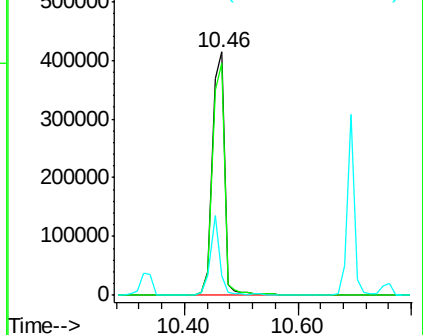
#41
 2,4,6-Tribromophenol
 Concen: 154.40 ng
 RT: 10.46 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: BF091207.D
 Acq: 17 Nov 2016 00:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:330 Resp: 607055
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.9 113.9
 141 24.4 36.1 54.1#

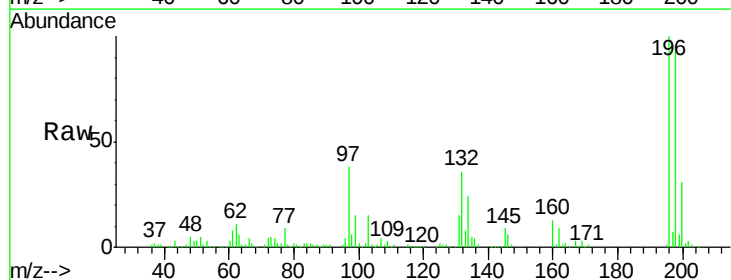


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

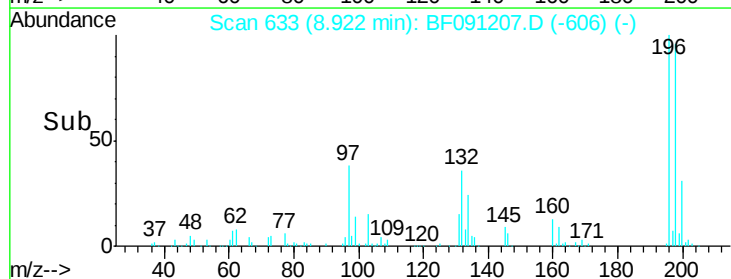
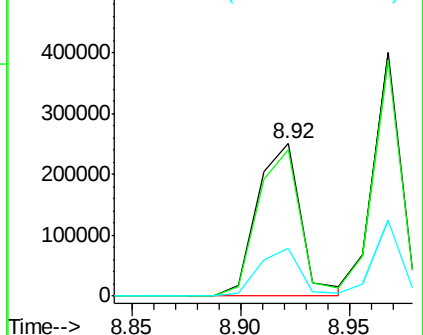


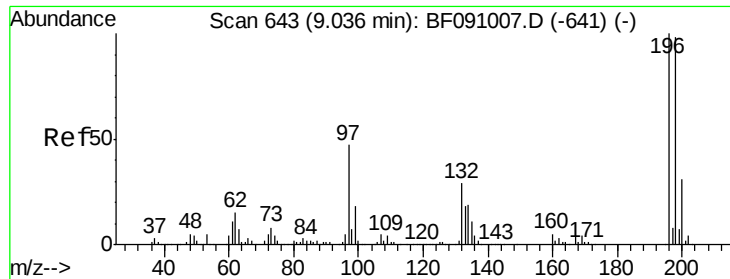
#42
 2,4,6-Trichlorophenol
 Concen: 48.84 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.01 min
 Lab File: BF091207.D
 Acq: 17 Nov 2016 00:01

Tgt Ion:196 Resp: 349615
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.4 113.0
 200 31.5 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

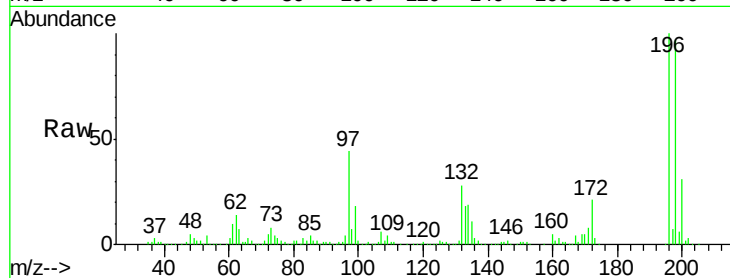




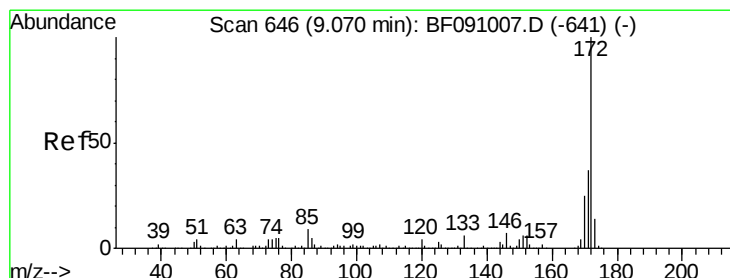
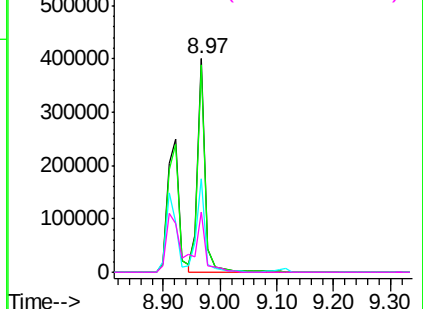
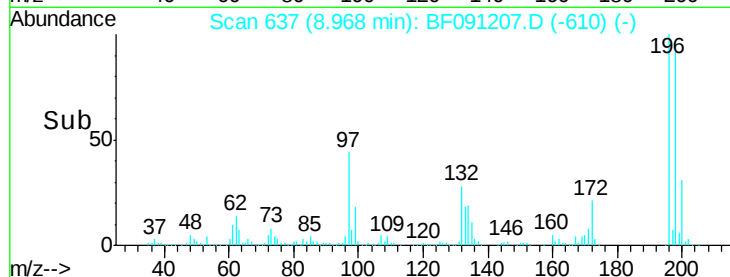
#43
 2,4,5-Trichlorophenol
 Concen: 50.15 ng
 RT: 8.97 min Scan# 637
 Delta R.T. 0.01 min
 Lab File: BF091207.D
 Acq: 17 Nov 2016 00:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:196 Resp: 376918
 Ion Ratio Lower Upper
 196 100
 198 97.0 78.2 117.4
 97 44.1 38.8 58.2
 132 27.9 23.5 35.3

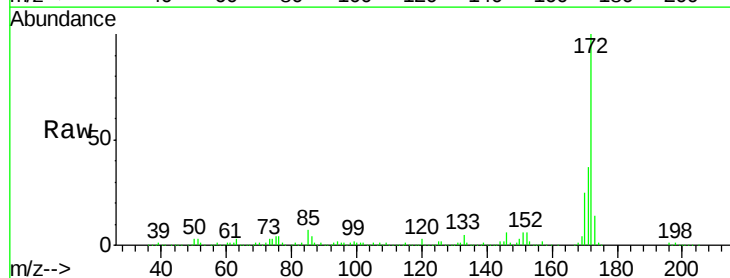


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

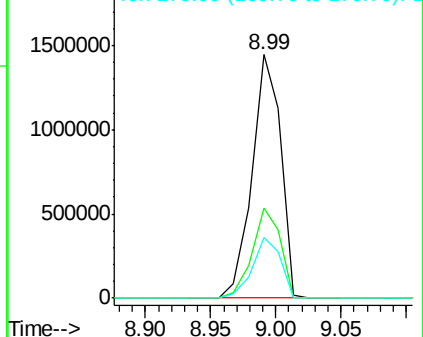
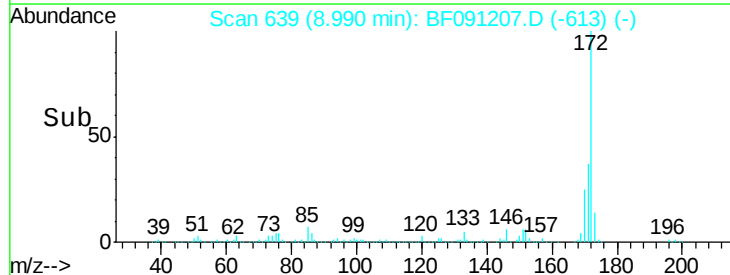


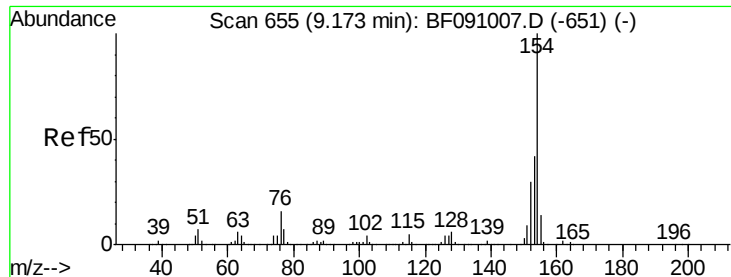
#44
 2-Fluorobiphenyl
 Concen: 87.35 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF091207.D
 Acq: 17 Nov 2016 00:01

Tgt Ion:172 Resp: 2206566
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 25.1 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

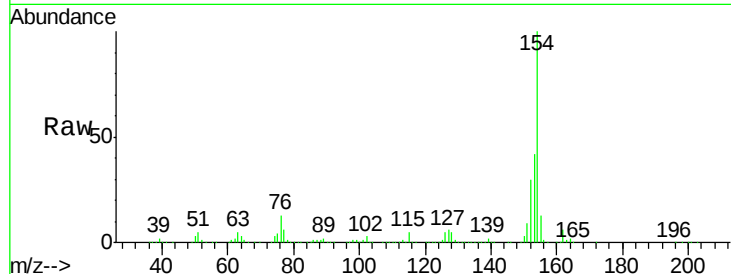




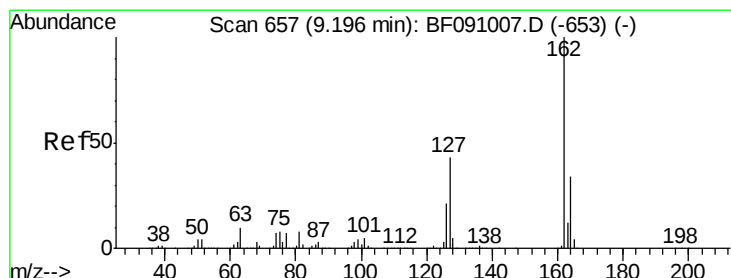
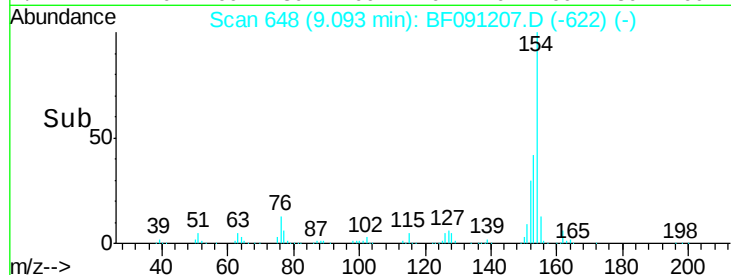
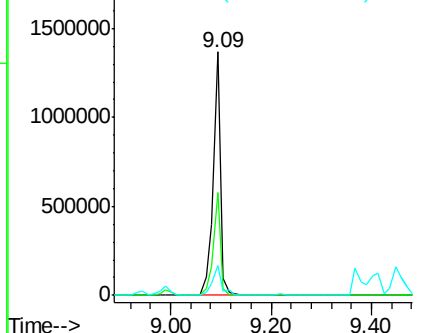
#45
 1,1'-Biphenyl
 Concen: 43.37 ng
 RT: 9.09 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF091207.D
 Acq: 17 Nov 2016 00:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:154 Resp: 1377312
 Ion Ratio Lower Upper
 154 100
 153 42.1 21.6 61.6
 76 12.5 0.0 36.2

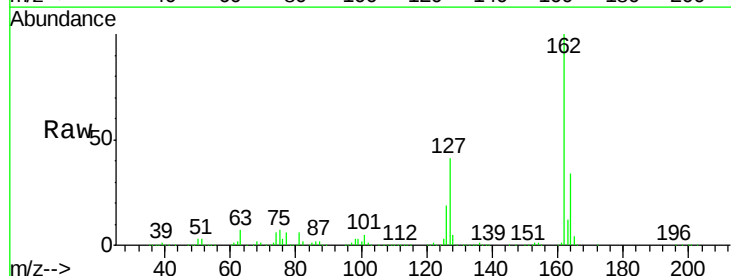


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

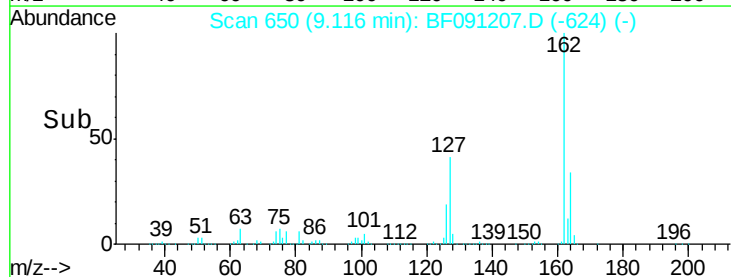
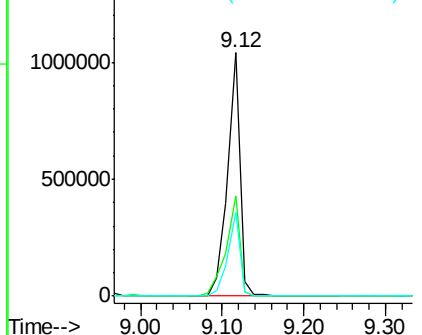


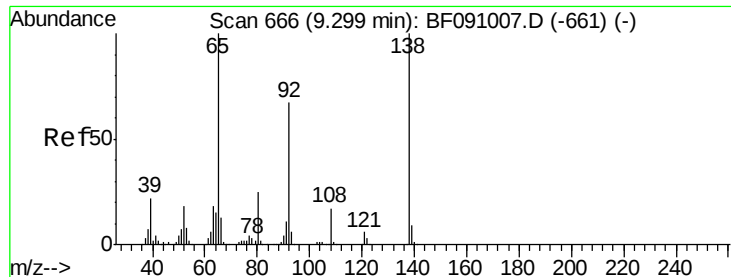
#46
 2-Chloronaphthalene
 Concen: 45.75 ng
 RT: 9.12 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF091207.D
 Acq: 17 Nov 2016 00:01

Tgt Ion:162 Resp: 1102971
 Ion Ratio Lower Upper
 162 100
 127 40.9 34.7 52.1
 164 34.3 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

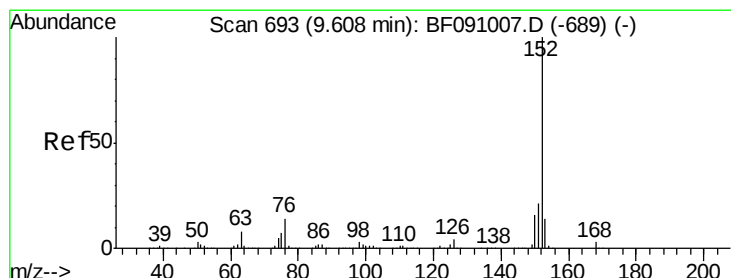
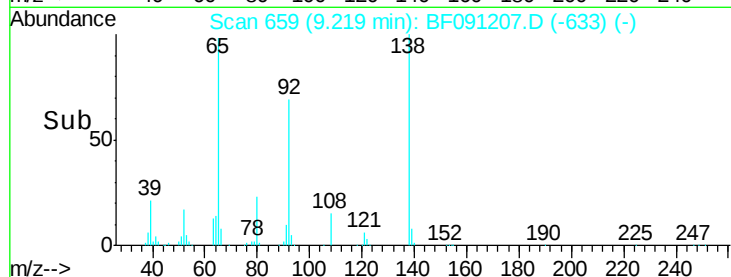
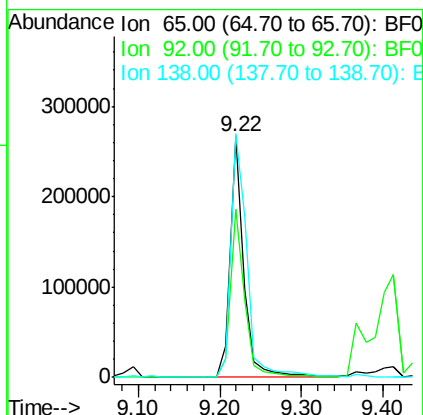
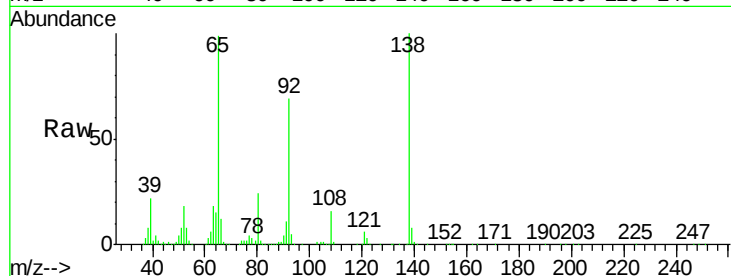




#47
2-Nitroaniline
Concen: 34.52 ng
RT: 9.22 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

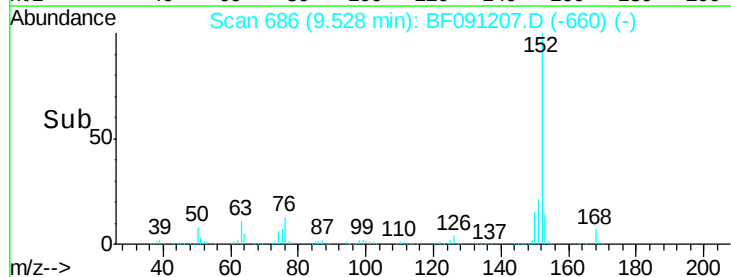
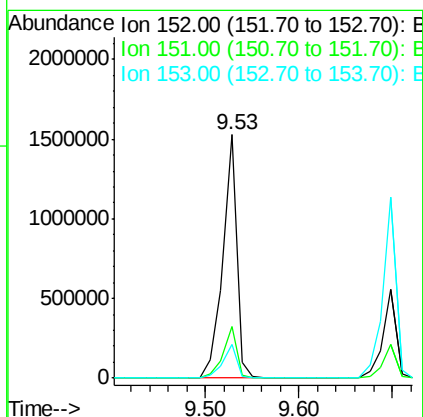
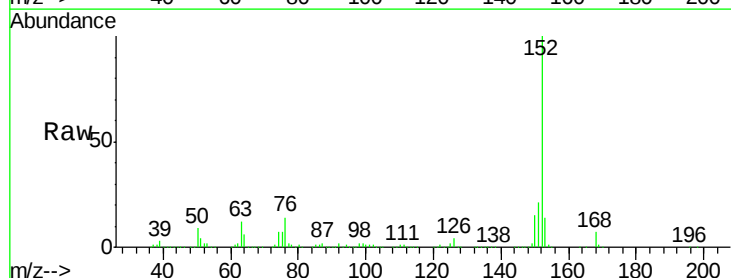
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA8-AA9-AA8A-AA9AM

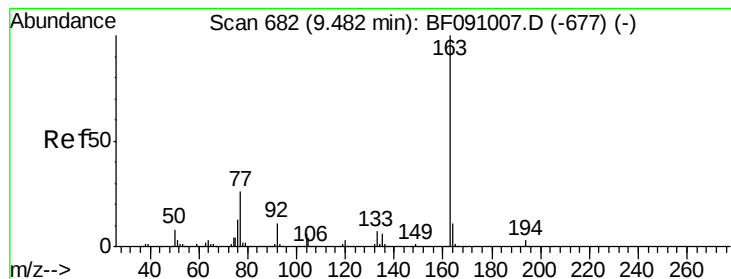
Tgt Ion: 65 Resp: 308846
Ion Ratio Lower Upper
65 100
92 69.9 53.9 80.9
138 101.2 80.1 120.1



#48
Acenaphthylene
Concen: 42.21 ng
RT: 9.53 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion: 152 Resp: 1585954
Ion Ratio Lower Upper
152 100
151 21.2 16.7 25.1
153 13.7 11.1 16.7





#49

Dimethylphthalate

Concen: 72.90 ng

RT: 9.41 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

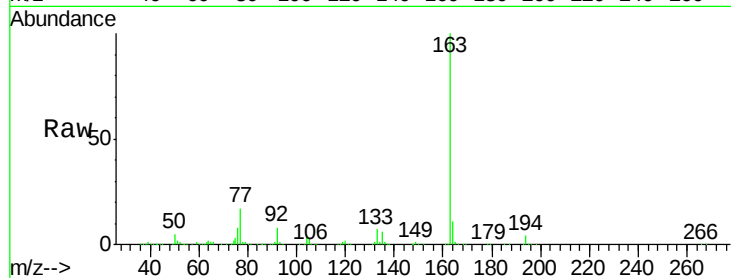
Tgt Ion:163 Resp: 2078905

Ion Ratio Lower Upper

163 100

194 4.0 2.6 4.0#

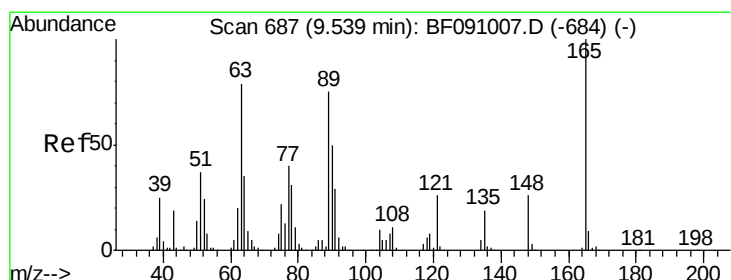
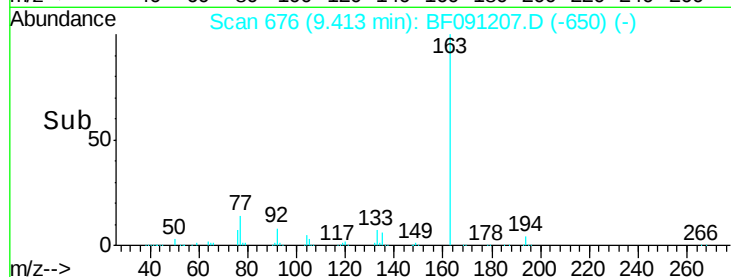
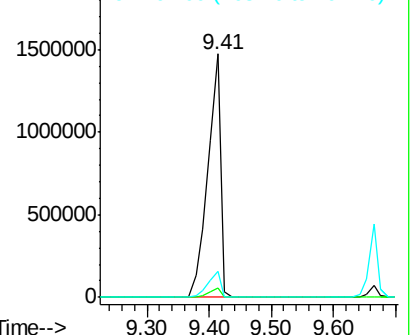
164 10.6 8.7 13.1



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: 50.74 ng

RT: 9.47 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

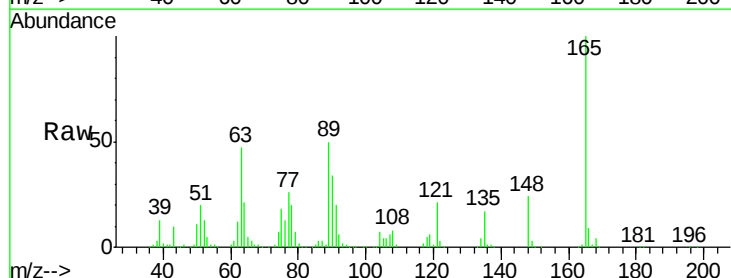
Tgt Ion:165 Resp: 310081

Ion Ratio Lower Upper

165 100

63 46.6 65.6 98.4#

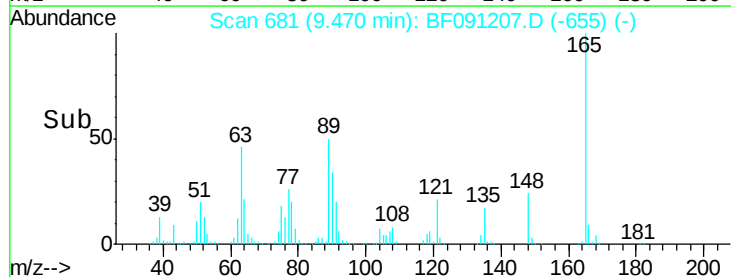
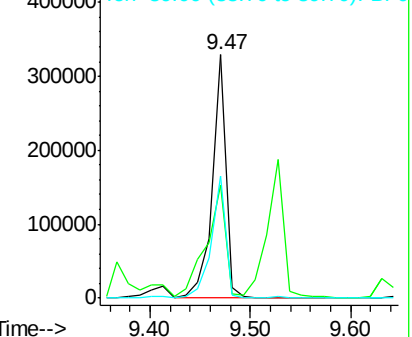
89 50.3 59.8 89.6#

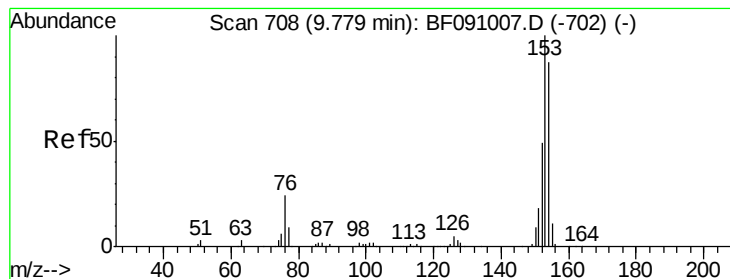


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.71 ng

RT: 9.70 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

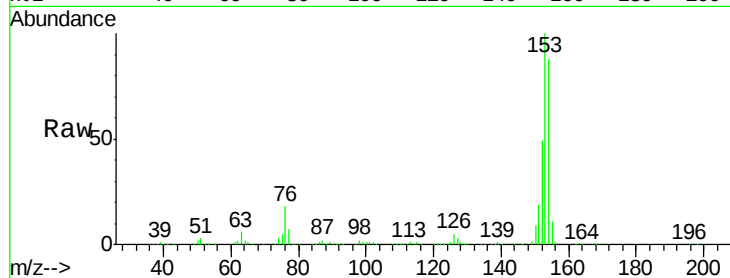
Tgt Ion:154 Resp: 983798

Ion Ratio Lower Upper

154 100

153 113.8 91.6 137.4

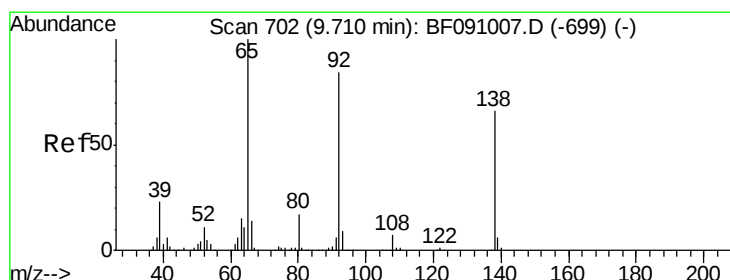
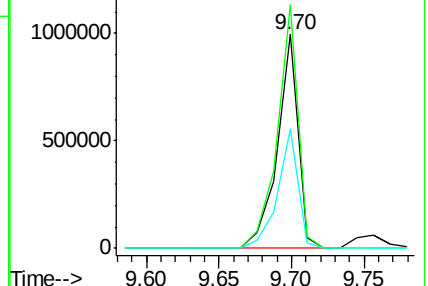
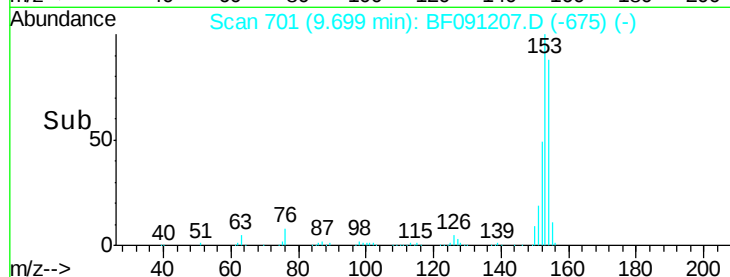
152 55.9 44.6 67.0



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: 27.60 ng

RT: 9.63 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

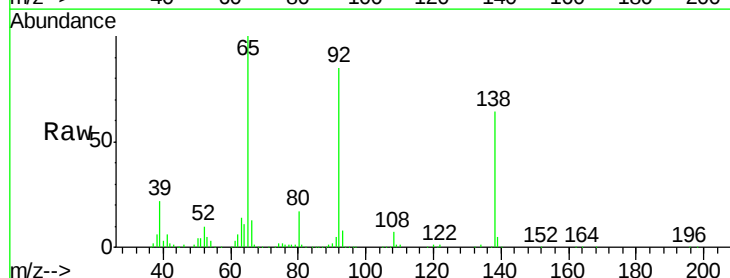
Tgt Ion:138 Resp: 199991

Ion Ratio Lower Upper

138 100

108 11.1 8.4 12.6

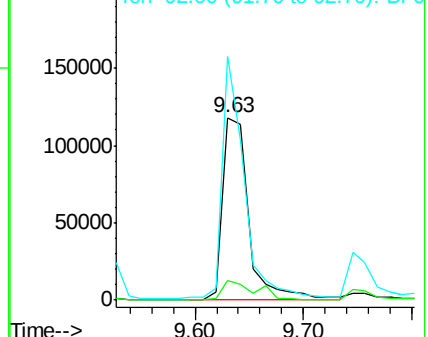
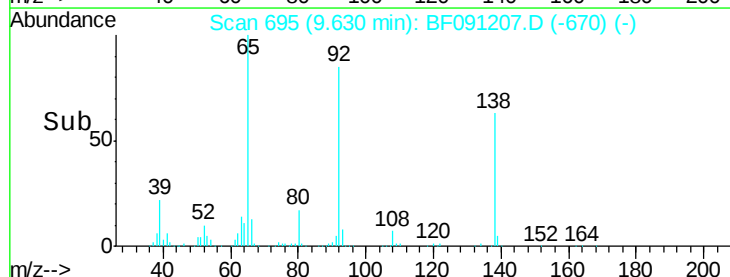
92 133.6 101.1 151.7

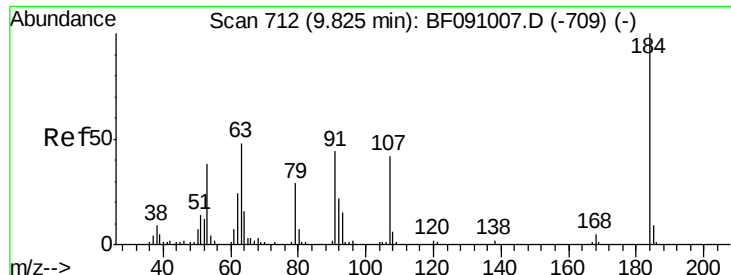


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

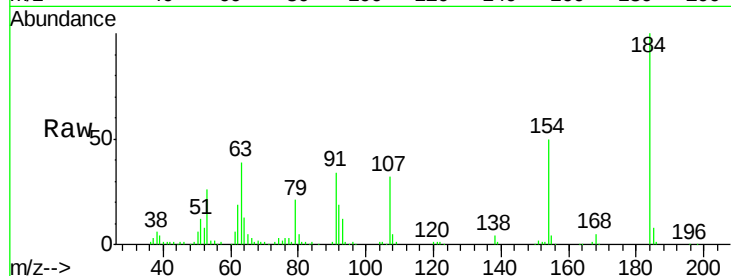




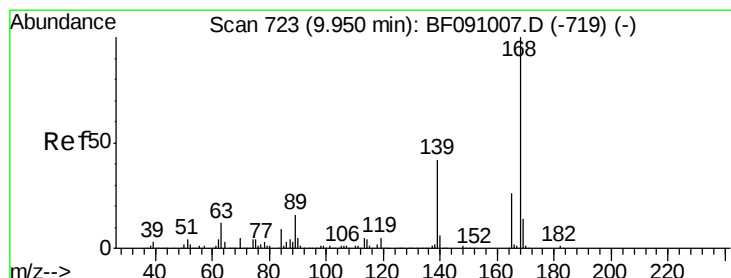
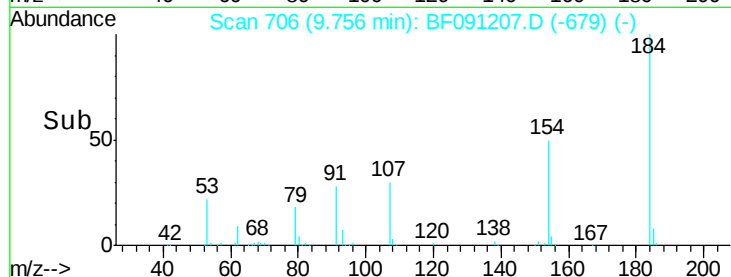
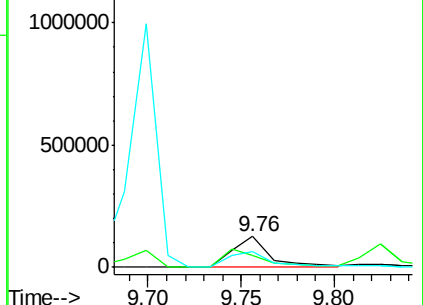
#53
 2,4-Dinitrophenol
 Concen: 55.74 ng
 RT: 9.76 min Scan# 706
 Delta R.T. 0.01 min
 Lab File: BF091207.D
 Acq: 17 Nov 2016 00:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:184 Resp: 178700
 Ion Ratio Lower Upper
 184 100
 63 39.0 45.5 68.3#
 154 50.3 51.0 76.4#

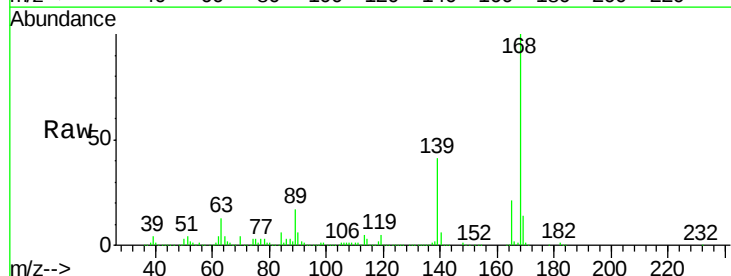


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

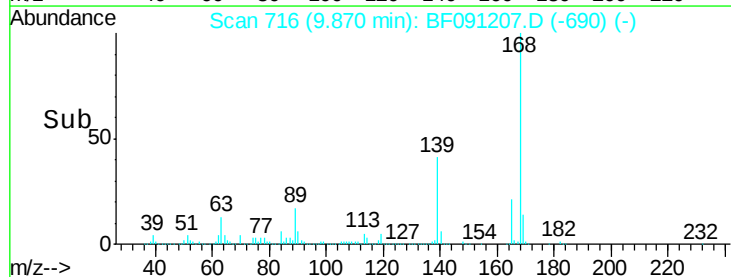
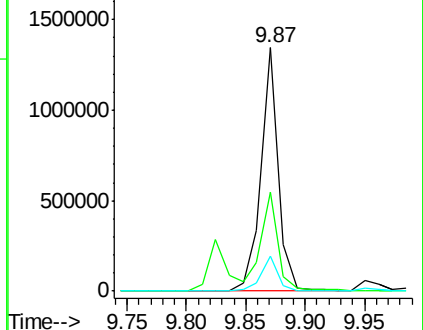


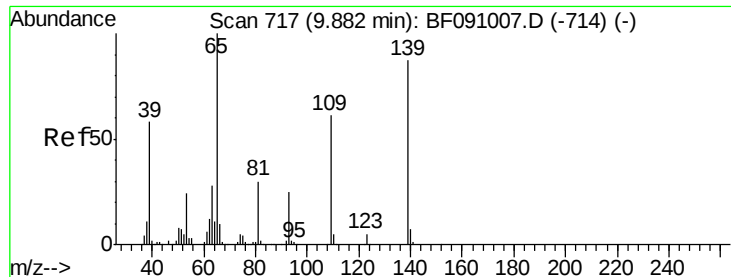
#54
 Dibenzofuran
 Concen: 43.45 ng
 RT: 9.87 min Scan# 716
 Delta R.T. -0.00 min
 Lab File: BF091207.D
 Acq: 17 Nov 2016 00:01

Tgt Ion:168 Resp: 1379761
 Ion Ratio Lower Upper
 168 100
 139 40.5 34.8 52.2
 169 14.2 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: 66.65 ng

RT: 9.82 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

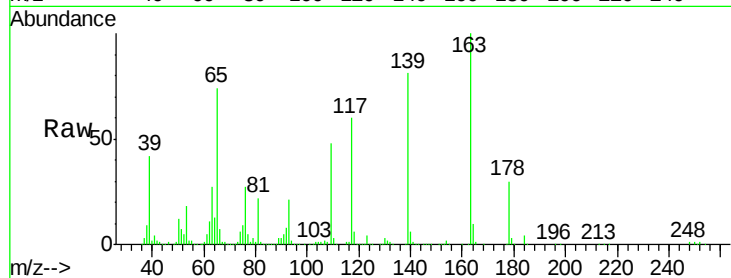
Tgt Ion:139 Resp: 316691

Ion Ratio Lower Upper

139 100

109 59.9 50.5 90.5

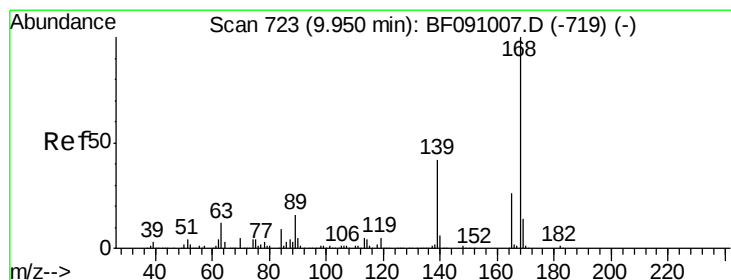
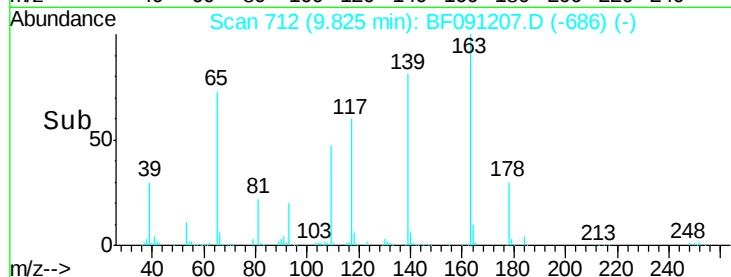
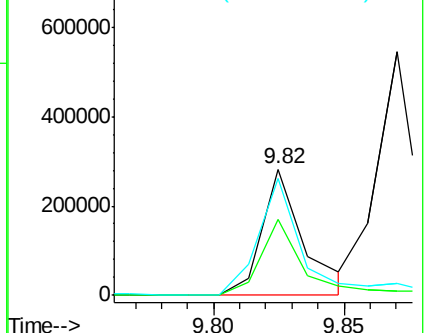
65 92.2 97.1 137.1#



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: 42.68 ng

RT: 9.87 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

Tgt Ion:165 Resp: 331855

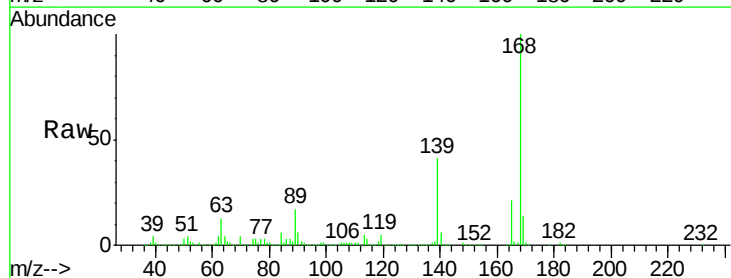
Ion Ratio Lower Upper

165 100

63 60.6 38.7 58.1#

89 82.2 50.6 76.0#

182 2.4 1.8 2.8

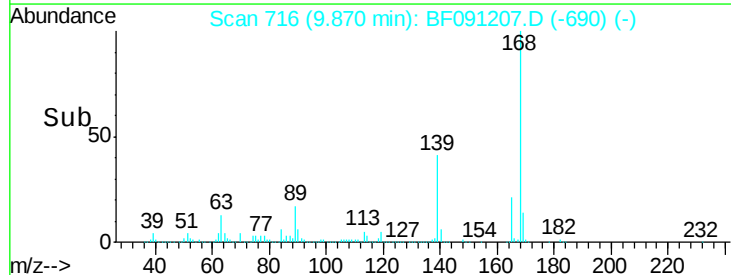
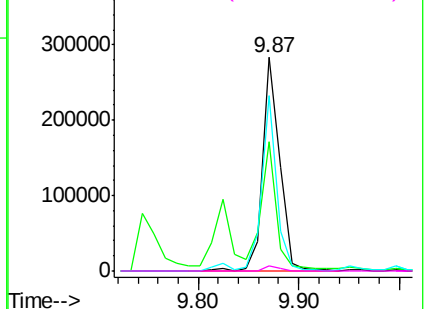


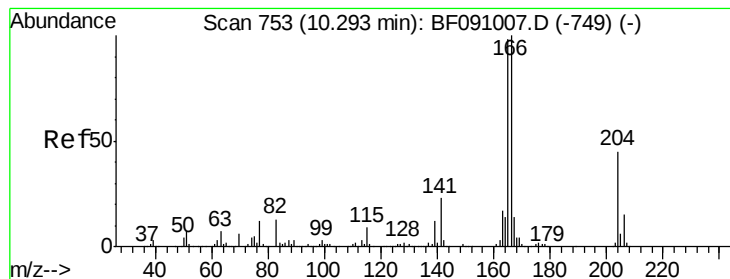
Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.53 ng

RT: 10.21 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

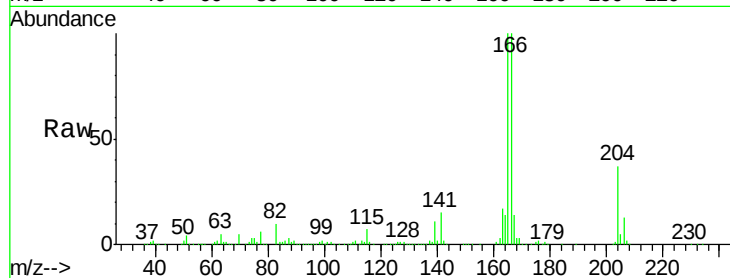
Tgt Ion:166 Resp: 1103950

Ion Ratio Lower Upper

166 100

165 99.7 78.6 118.0

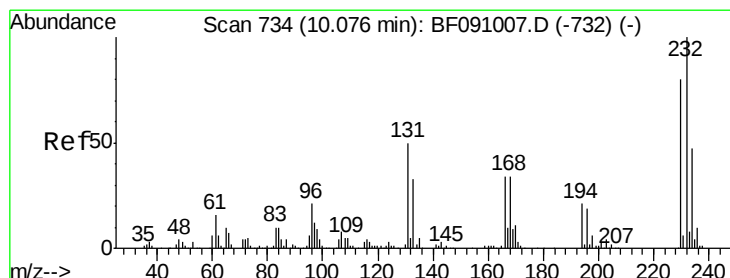
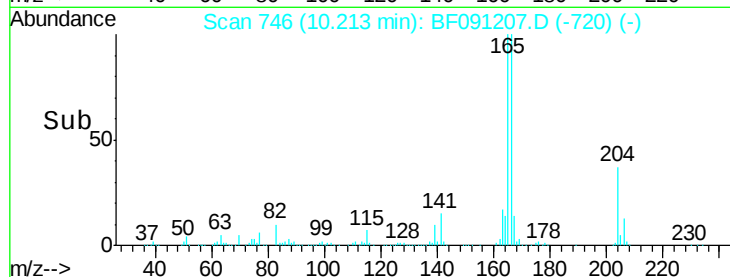
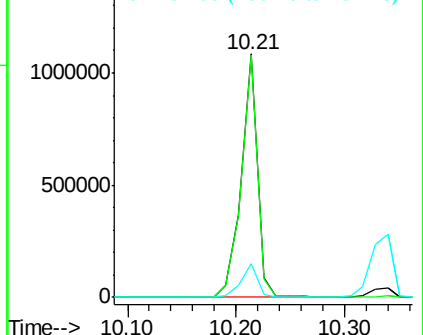
167 14.0 11.1 16.7



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: 53.02 ng

RT: 10.00 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

Tgt Ion:232 Resp: 312134

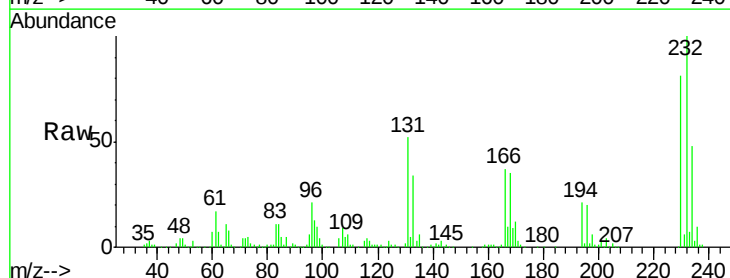
Ion Ratio Lower Upper

232 100

131 46.3 43.6 65.4

130 2.1 2.0 3.0

166 31.4 27.4 41.2

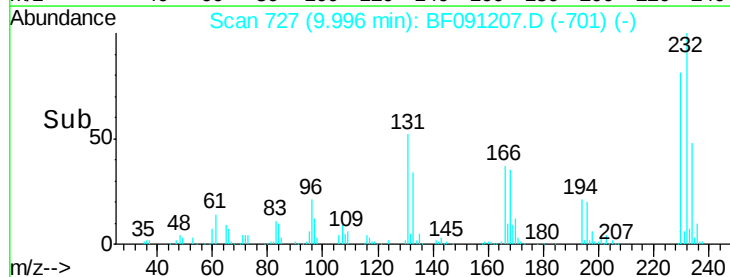
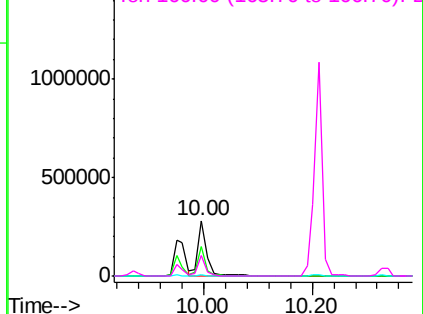


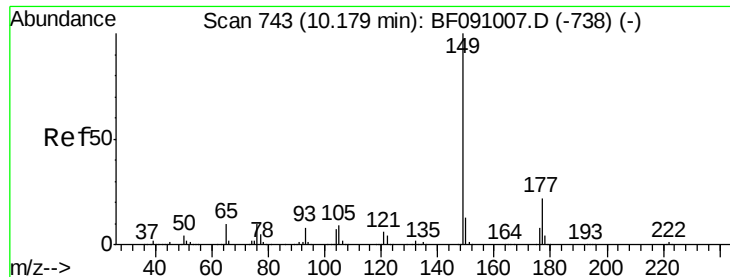
Abundance Ion 232.00 (231.70 to 232.70): E

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

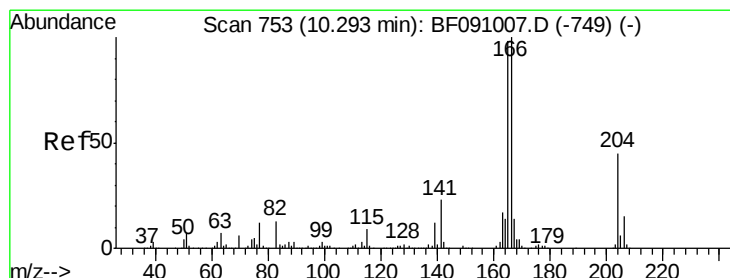
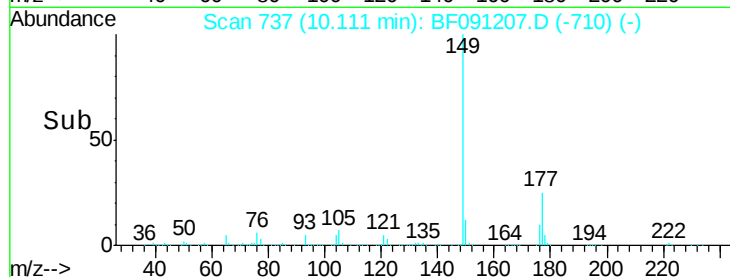
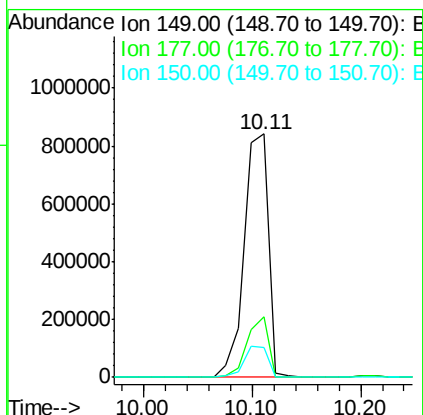
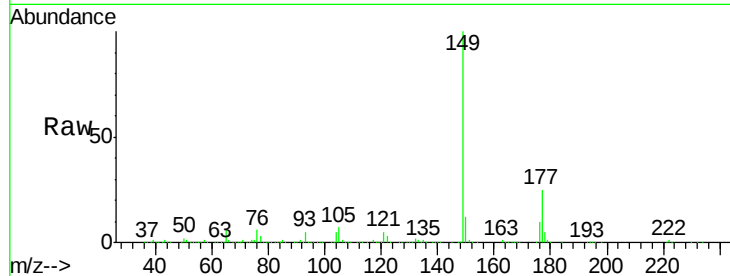




#59
Diethylphthalate
Concen: 44.37 ng
RT: 10.11 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

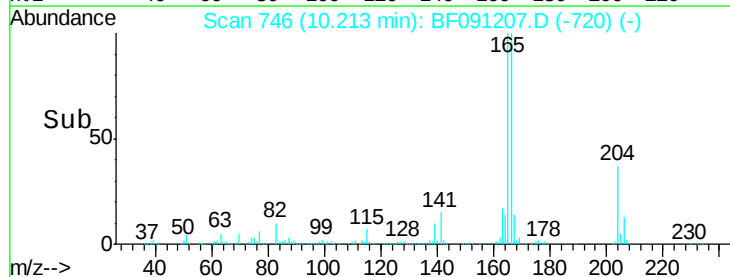
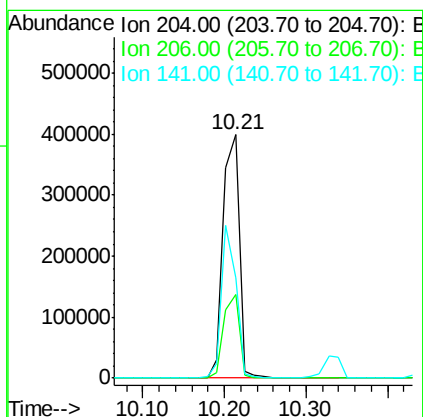
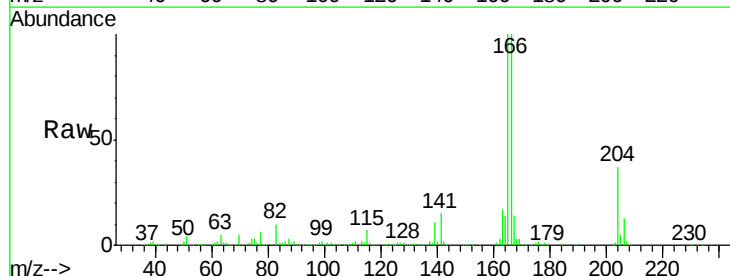
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:149 Resp: 1297139
Ion Ratio Lower Upper
149 100
177 24.9 17.3 25.9
150 12.1 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 46.27 ng
RT: 10.21 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:204 Resp: 546538
Ion Ratio Lower Upper
204 100
206 34.3 27.1 40.7
141 41.4 40.1 60.1

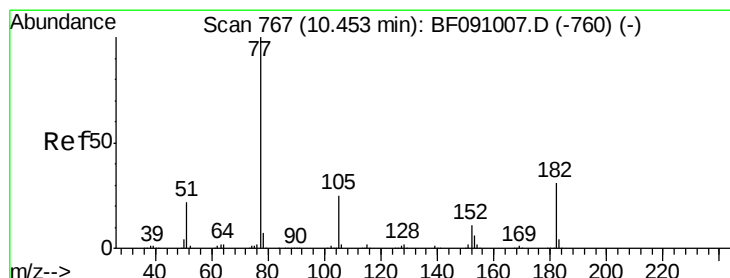
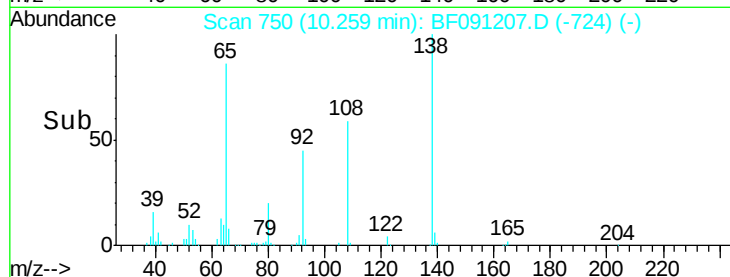
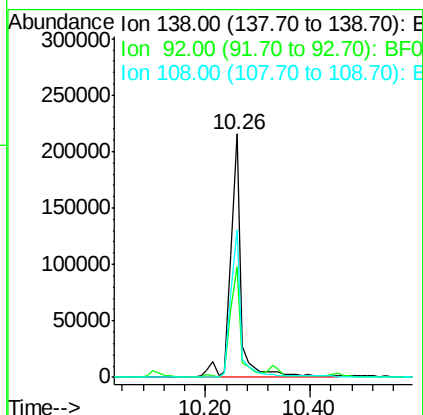
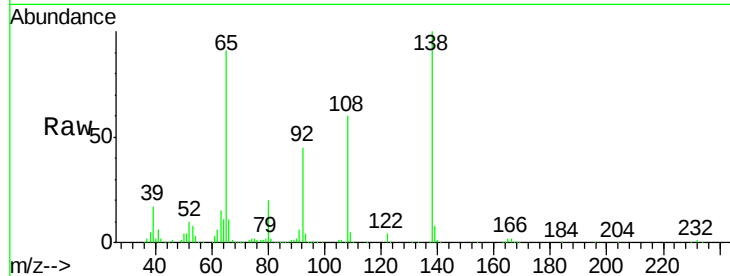




#61
4-Nitroaniline
Concen: 41.13 ng
RT: 10.26 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

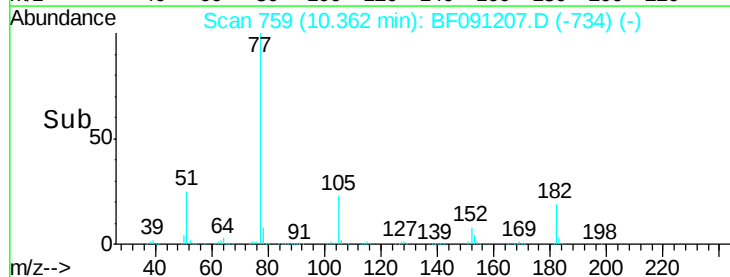
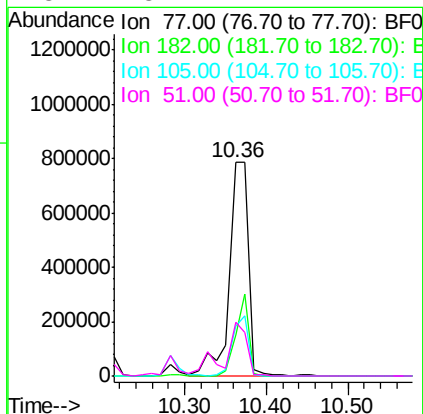
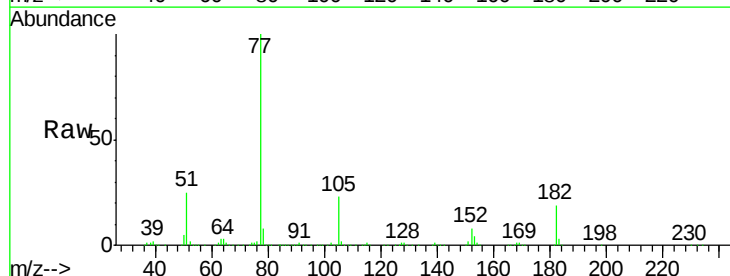
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA8-AA9-AA8A-AA9AM

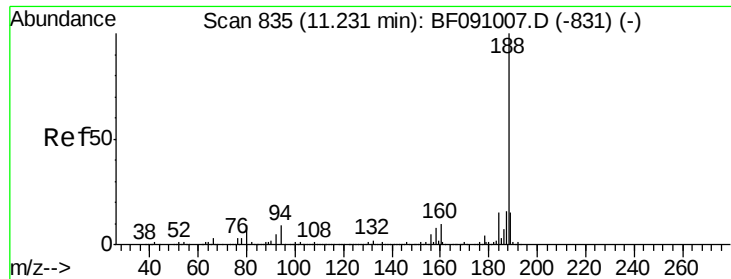
Tgt Ion:138 Resp: 301569
Ion Ratio Lower Upper
138 100
92 45.3 32.5 72.5
108 60.4 49.4 89.4



#62
Azobenzene
Concen: 37.49 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion: 77 Resp: 1290328
Ion Ratio Lower Upper
77 100
182 19.0 11.0 51.0
105 23.2 5.6 45.6
51 25.2 2.7 42.7

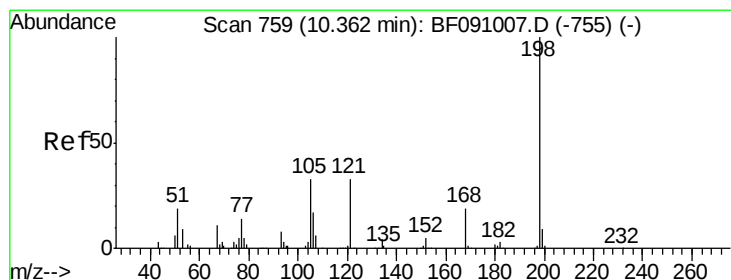
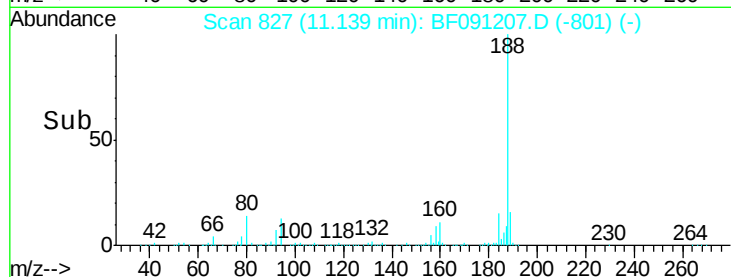
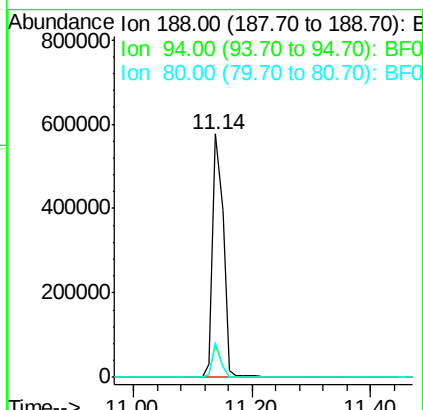
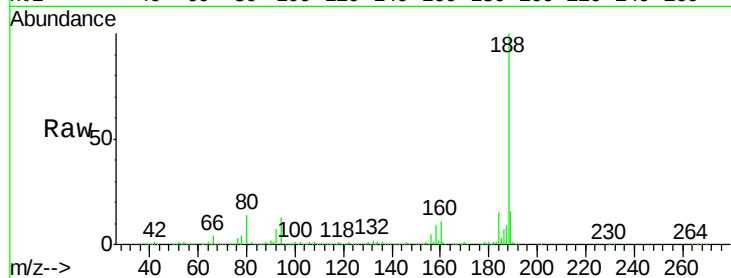




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

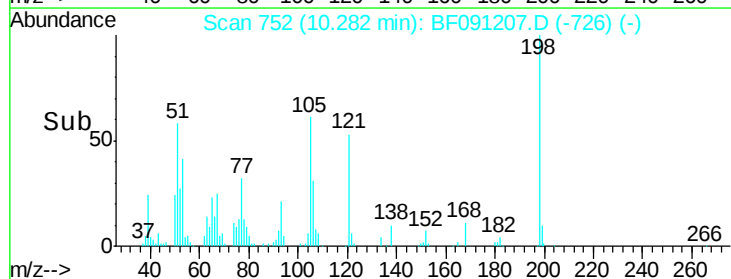
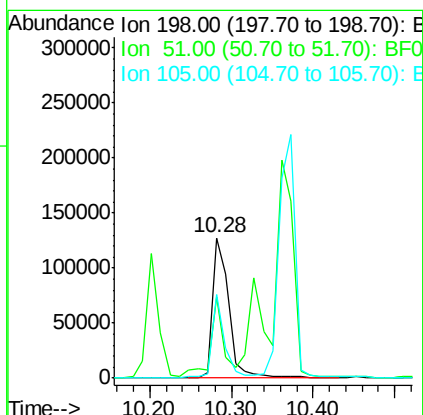
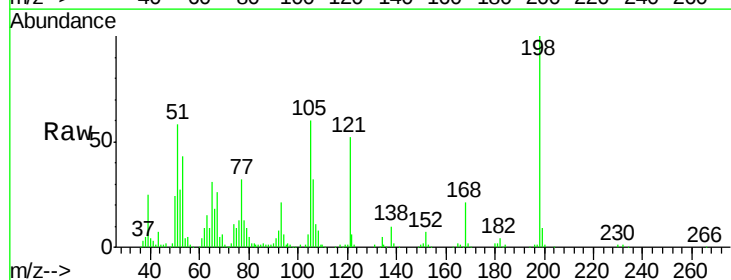
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA8-AA9-AA8A-AA9AM

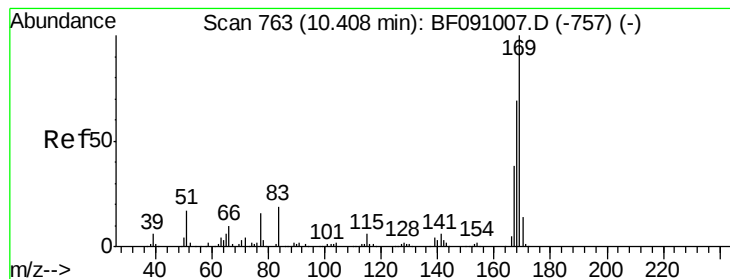
Tgt Ion:188 Resp: 714350
Ion Ratio Lower Upper
188 100
94 13.1 7.0 10.4#
80 14.2 7.5 11.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 40.70 ng
RT: 10.28 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:198 Resp: 178047
Ion Ratio Lower Upper
198 100
51 58.1 5.9 45.9#
105 59.8 13.8 53.8#





#65

n-Nitrosodiphenylamine

Concen: 46.21 ng

RT: 10.34 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

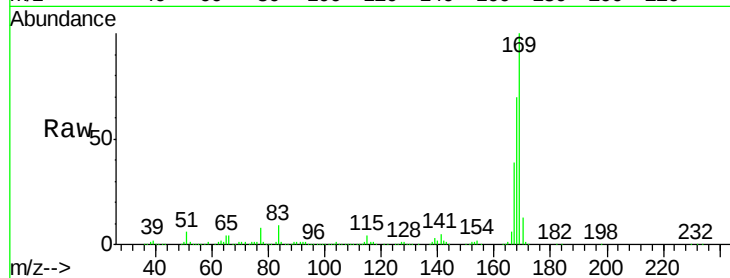
Tgt Ion:169 Resp: 1049188

Ion Ratio Lower Upper

169 100

168 69.6 55.3 82.9

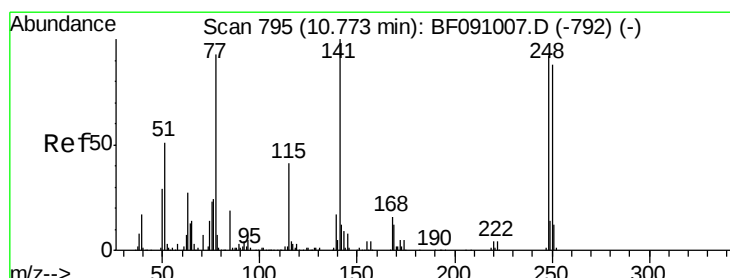
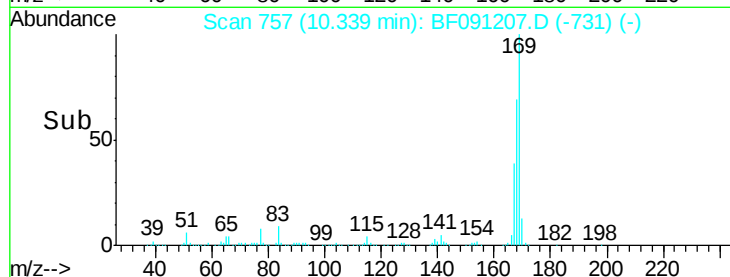
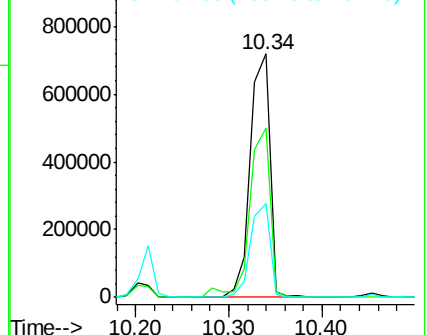
167 38.7 30.3 45.5



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: 48.79 ng

RT: 10.69 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

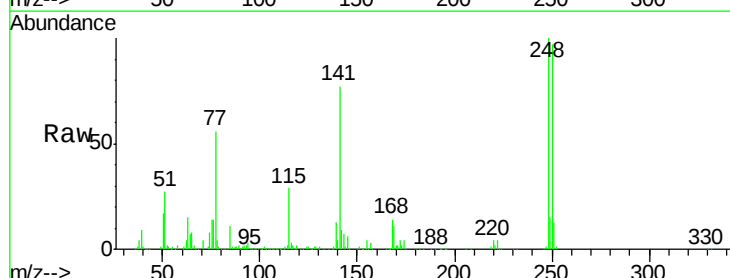
Tgt Ion:248 Resp: 362559

Ion Ratio Lower Upper

248 100

250 97.1 76.3 114.5

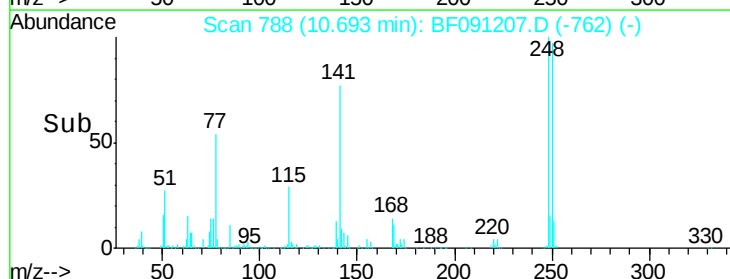
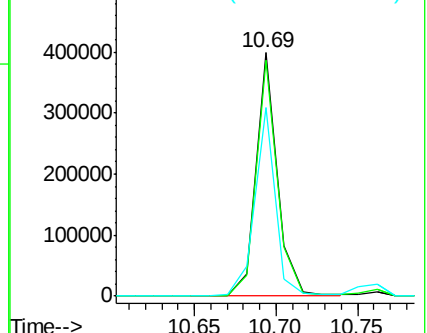
141 77.3 86.8 130.2#

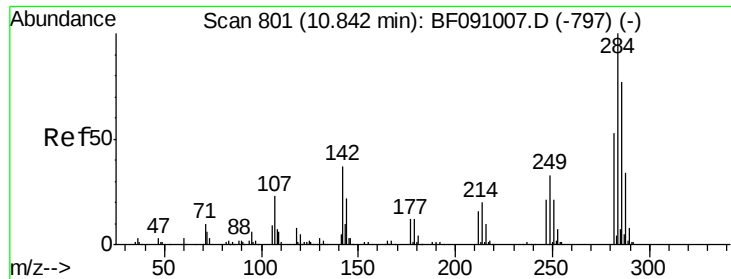


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

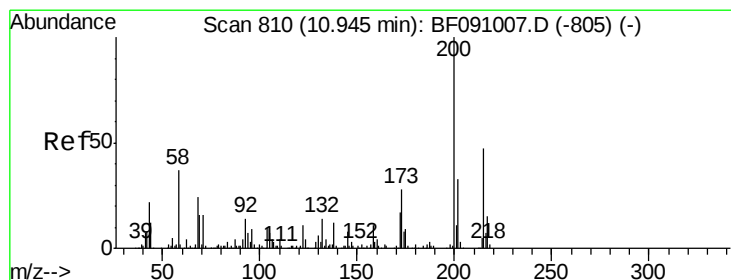
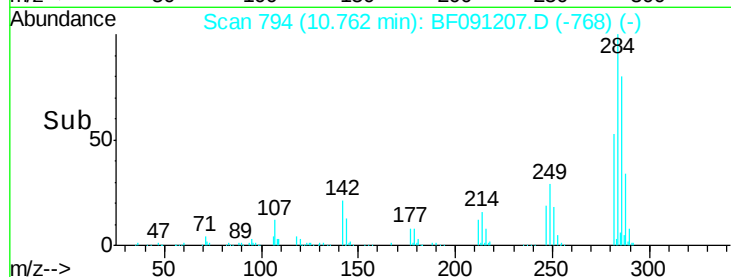
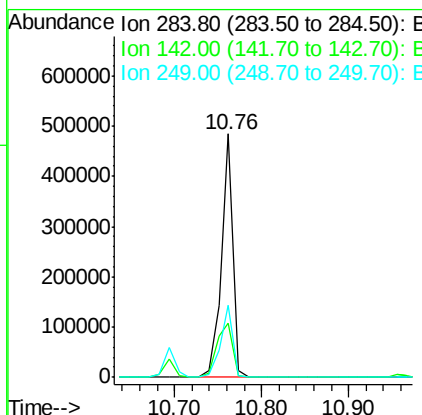
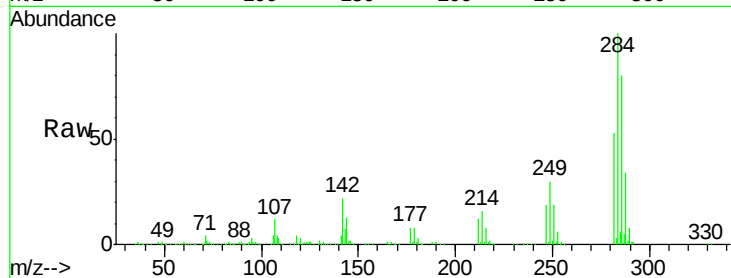




#67
Hexachlorobenzene
Concen: 55.46 ng
RT: 10.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

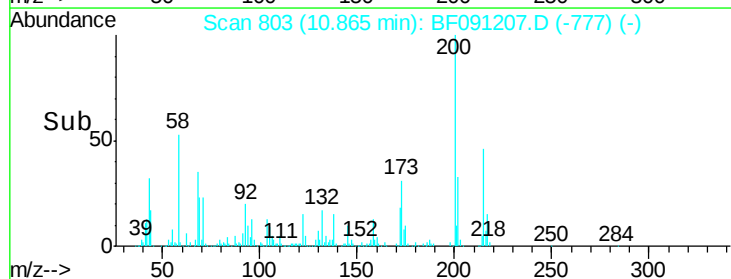
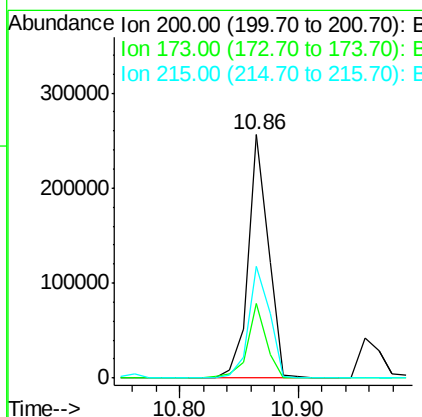
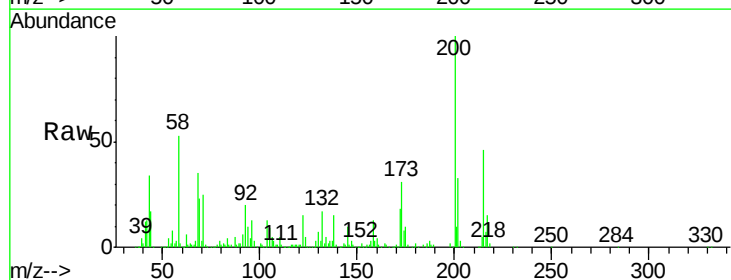
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA8-AA9-AA8A-AA9AM

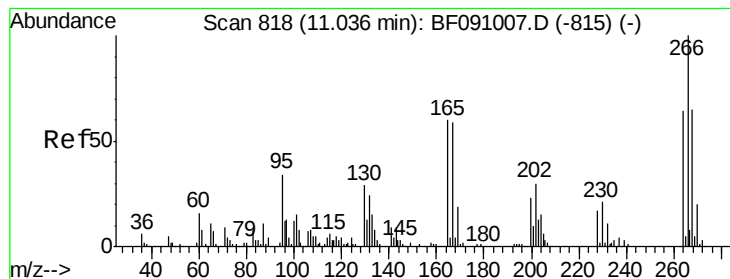
Tgt Ion:284 Resp: 454501
Ion Ratio Lower Upper
284 100
142 22.2 29.9 44.9#
249 29.6 26.6 39.8



#68
Atrazine
Concen: 46.72 ng
RT: 10.86 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:200 Resp: 306048
Ion Ratio Lower Upper
200 100
173 30.6 8.1 48.1
215 46.0 27.3 67.3





#69

Pentachlorophenol

Concen: 94.79 ng

RT: 10.97 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

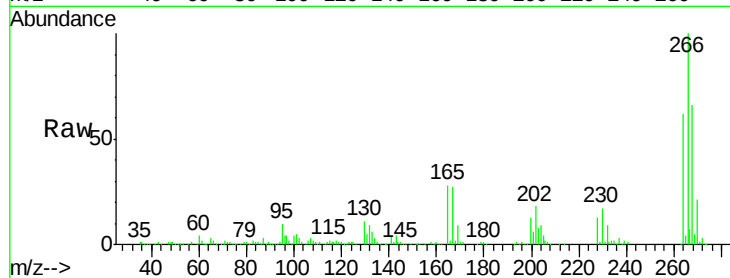
Tgt Ion:266 Resp: 344064

Ion Ratio Lower Upper

266 100

268 65.6 52.1 78.1

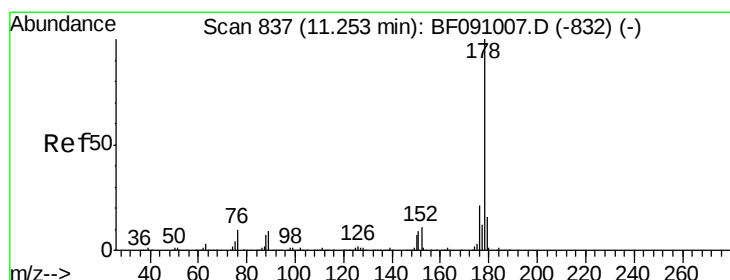
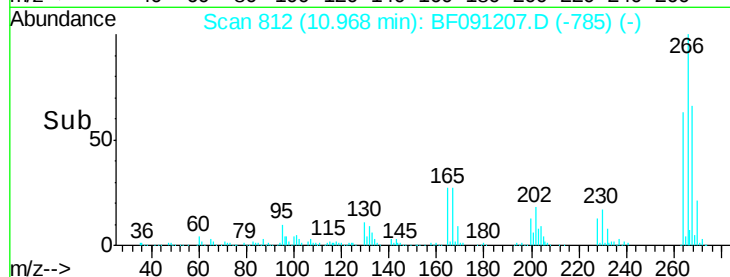
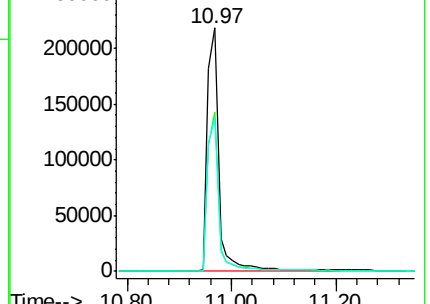
264 62.5 51.1 76.7



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: 46.89 ng

RT: 11.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

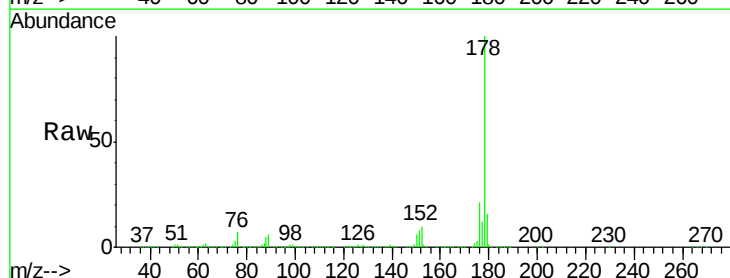
Tgt Ion:178 Resp: 1780567

Ion Ratio Lower Upper

178 100

176 20.6 16.6 25.0

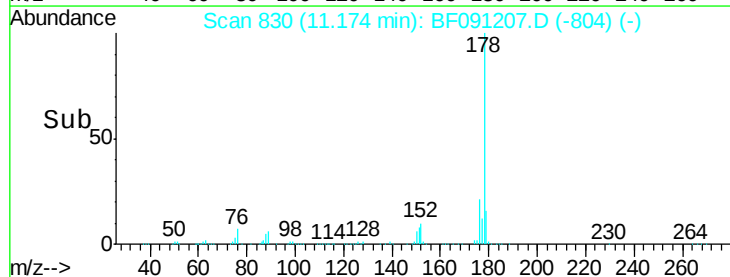
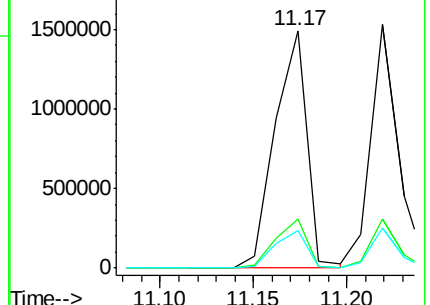
179 16.1 12.9 19.3

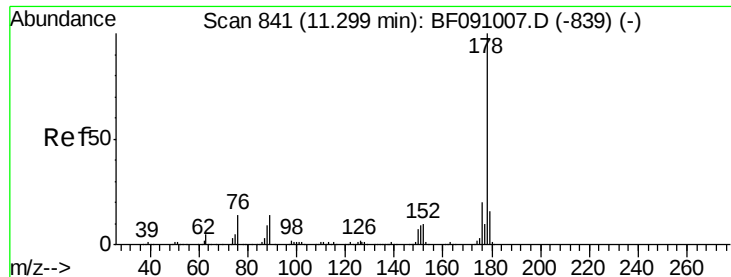


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.03 ng

RT: 11.22 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

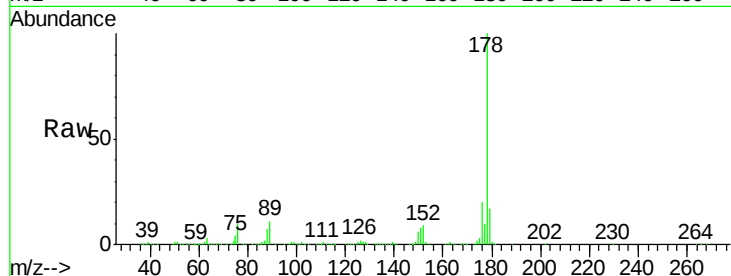
Tgt Ion:178 Resp: 1575701

Ion Ratio Lower Upper

178 100

176 20.3 16.0 24.0

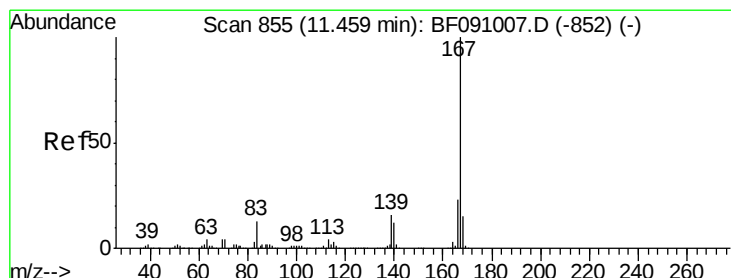
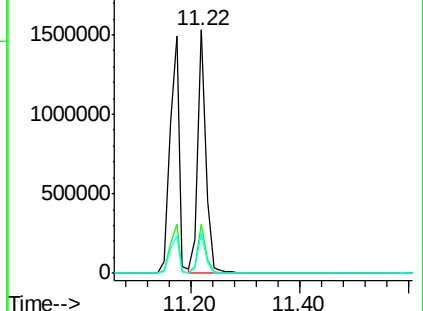
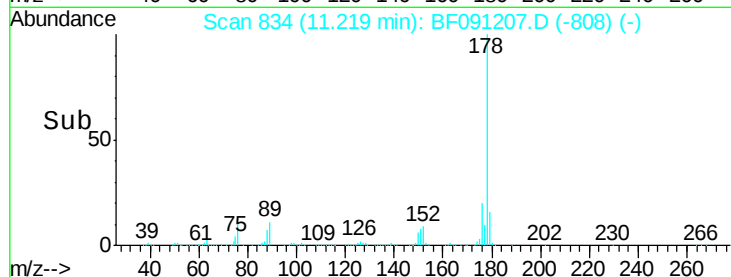
179 16.5 13.0 19.6



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: 39.36 ng

RT: 11.38 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

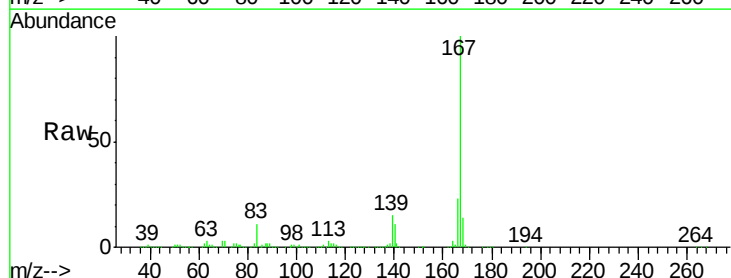
Tgt Ion:167 Resp: 1432011

Ion Ratio Lower Upper

167 100

166 22.6 18.0 27.0

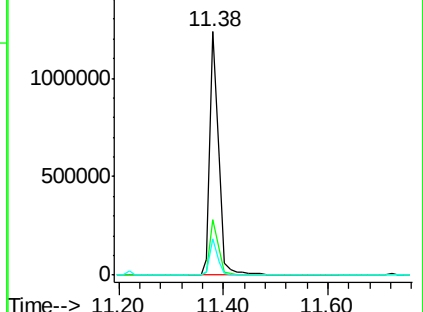
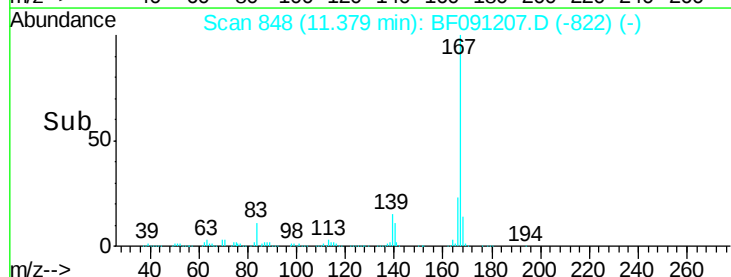
139 14.6 12.6 18.8

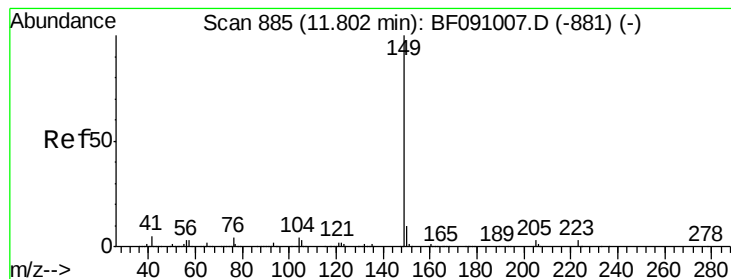


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.22 ng

RT: 11.72 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

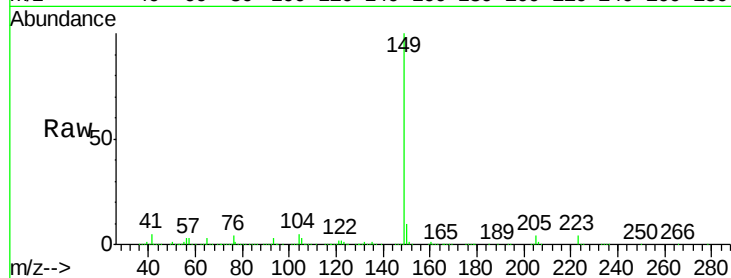
Tgt Ion:149 Resp: 1931848

Ion Ratio Lower Upper

149 100

150 10.2 7.7 11.5

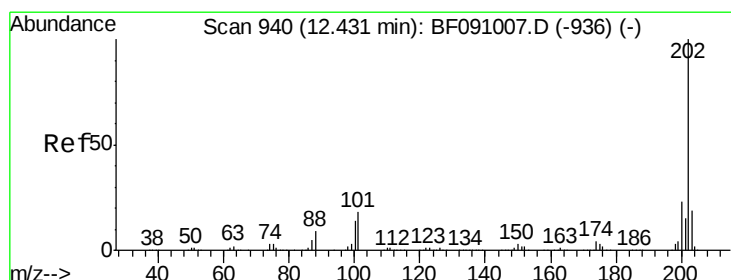
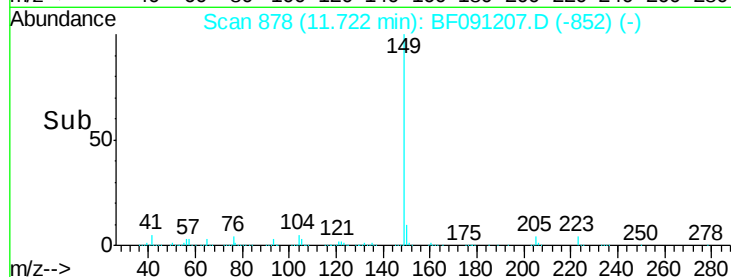
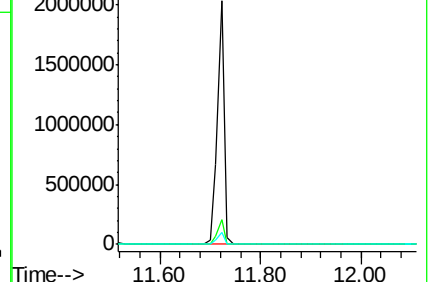
104 4.7 3.6 5.4



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: 39.55 ng

RT: 12.35 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

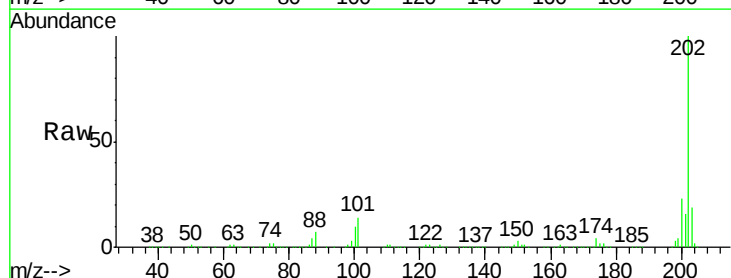
Tgt Ion:202 Resp: 1557762

Ion Ratio Lower Upper

202 100

101 13.9 0.0 37.6

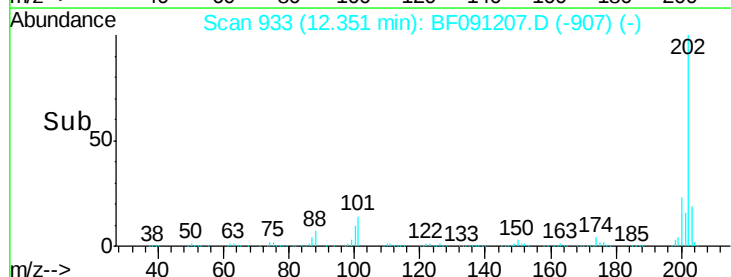
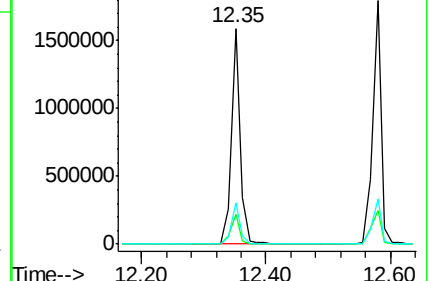
203 18.9 0.0 38.6

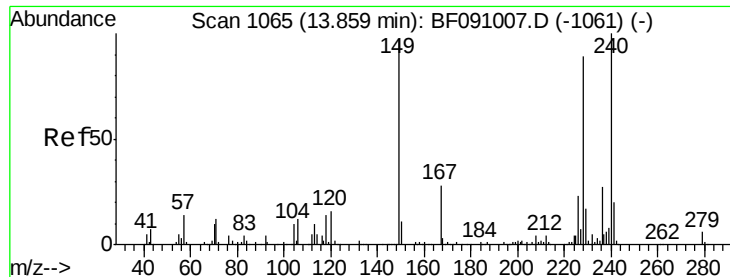


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.78 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

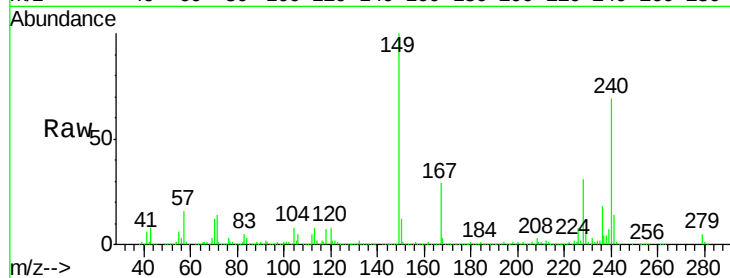
Tgt Ion:240 Resp: 584551

Ion Ratio Lower Upper

240 100

120 11.2 12.9 19.3#

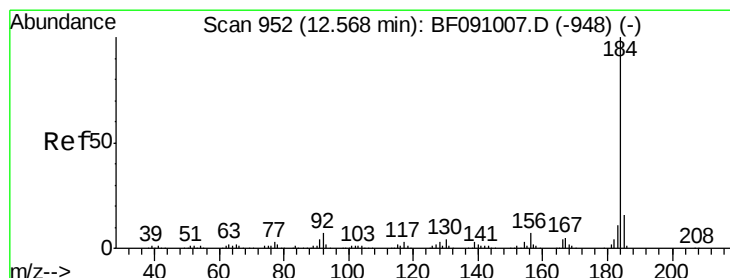
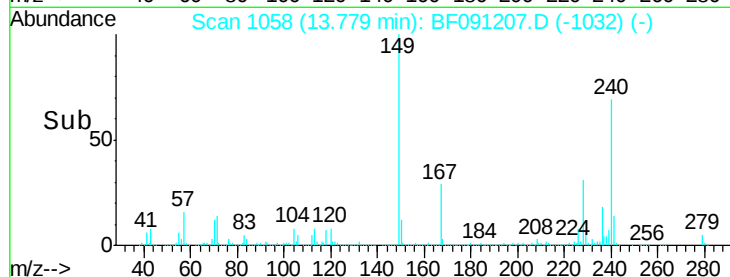
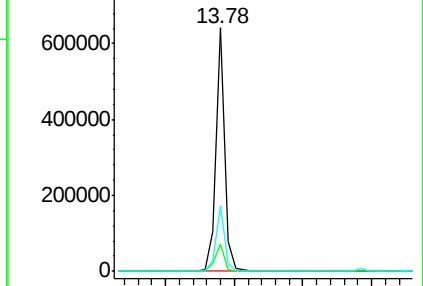
236 26.8 21.9 32.9



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: 25.58 ng

RT: 12.49 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

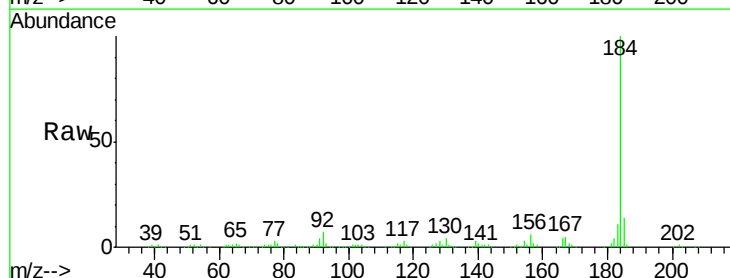
Tgt Ion:184 Resp: 334039

Ion Ratio Lower Upper

184 100

185 14.2 13.0 19.4

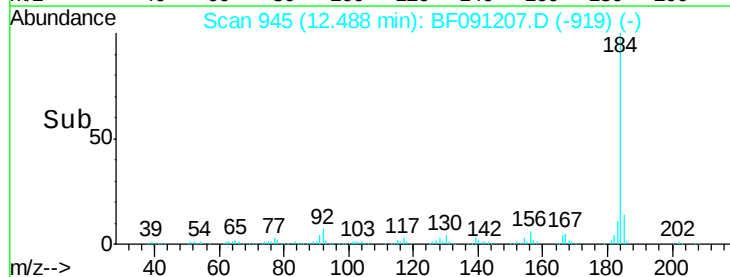
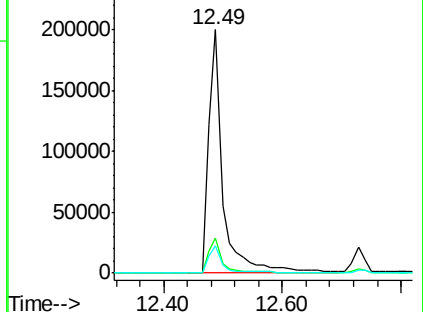
183 11.3 8.7 13.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

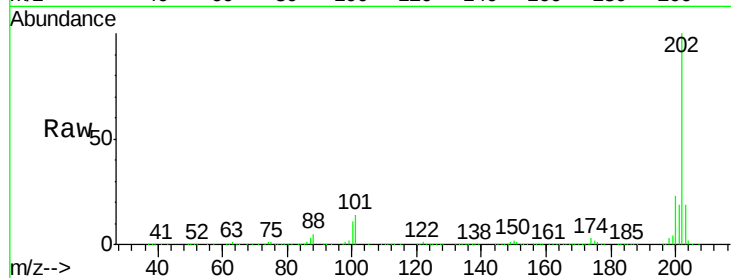




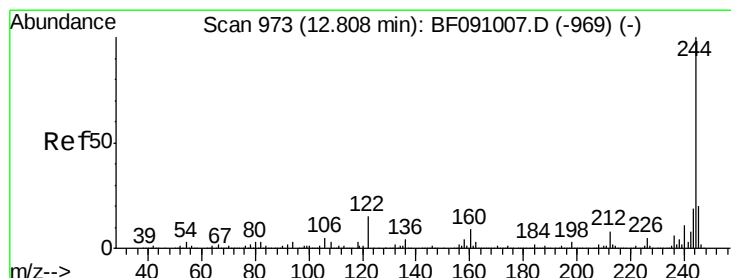
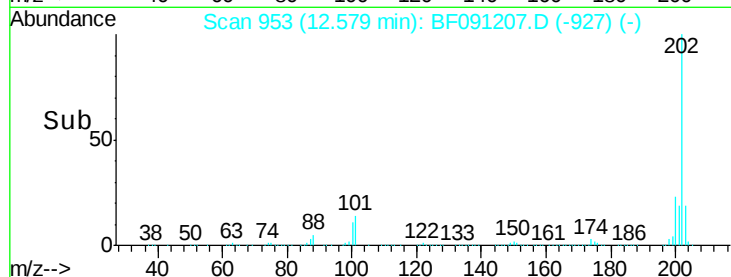
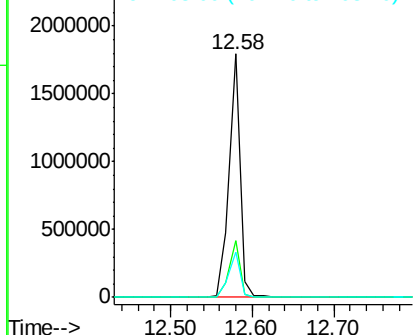
#77
 Pyrene
 Concen: 43.47 ng
 RT: 12.58 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF091207.D
 Acq: 17 Nov 2016 00:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:202 Resp: 1664273
 Ion Ratio Lower Upper
 202 100
 200 23.3 18.4 27.6
 203 18.6 15.0 22.6

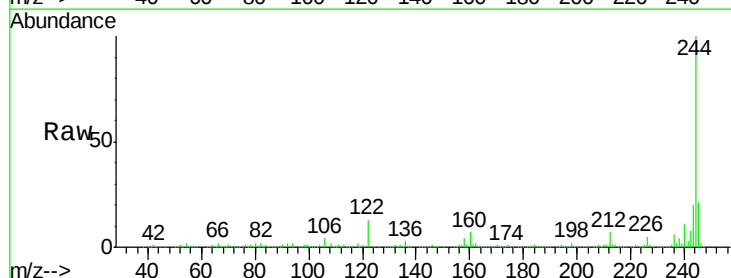


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

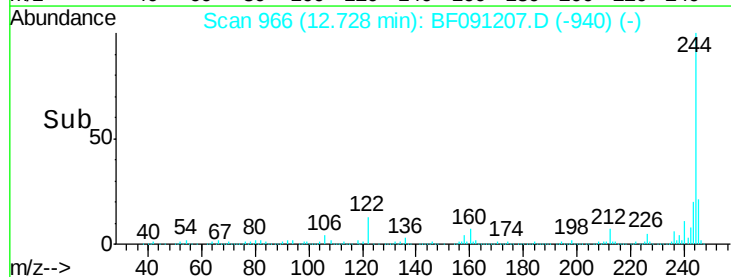
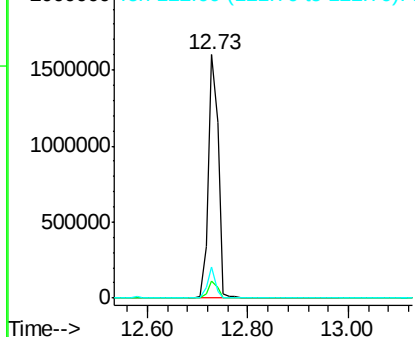


#78
 Terphenyl-d14
 Concen: 93.22 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF091207.D
 Acq: 17 Nov 2016 00:01

Tgt Ion:244 Resp: 2183717
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.4 9.6
 122 12.6 12.3 18.5



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

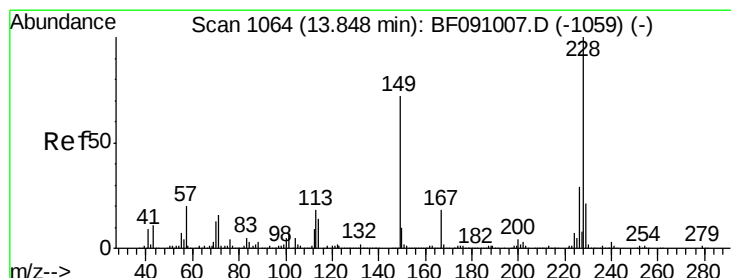
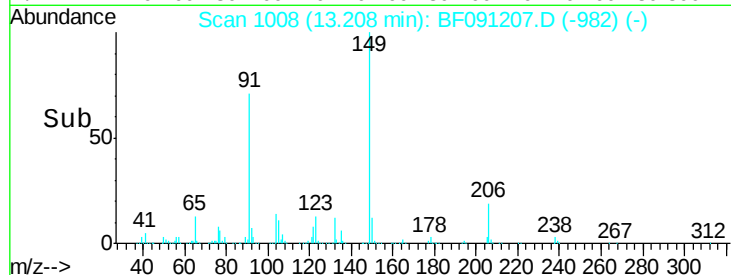
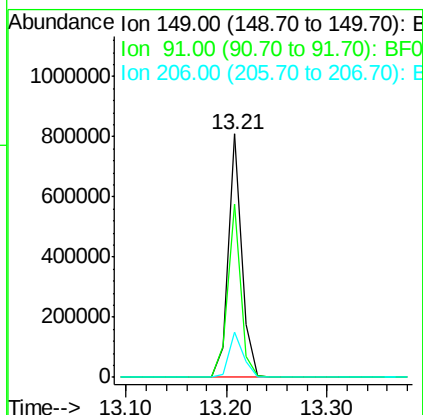
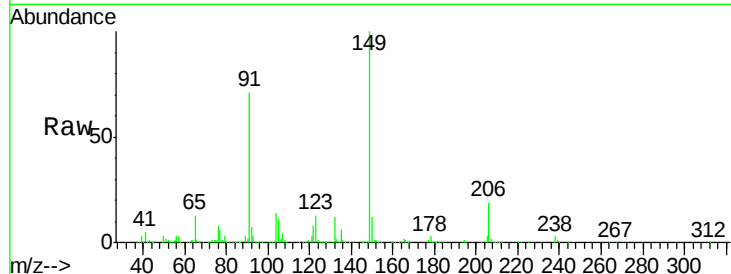




#79
Butylbenzylphthalate
Concen: 41.51 ng
RT: 13.21 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

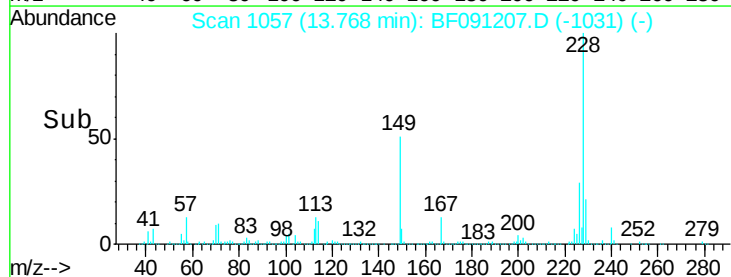
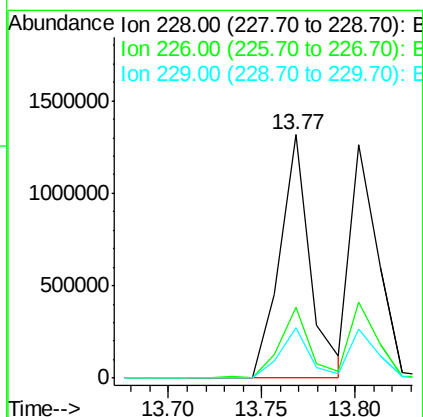
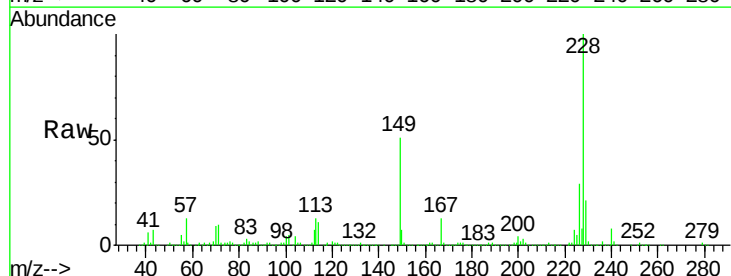
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA8-AA9-AA8A-AA9AM

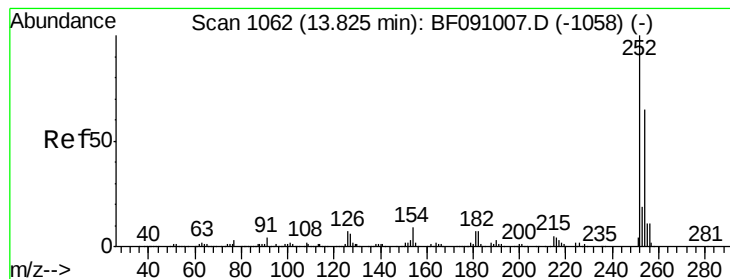
Tgt Ion:149 Resp: 760070
Ion Ratio Lower Upper
149 100
91 71.2 65.0 97.4
206 18.6 12.5 18.7



#80
Benzo(a)anthracene
Concen: 45.16 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:228 Resp: 1498965
Ion Ratio Lower Upper
228 100
226 29.1 23.0 34.6
229 20.7 16.6 24.8





#81

3,3'-Dichlorobenzidine

Concen: 30.10 ng

RT: 13.73 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

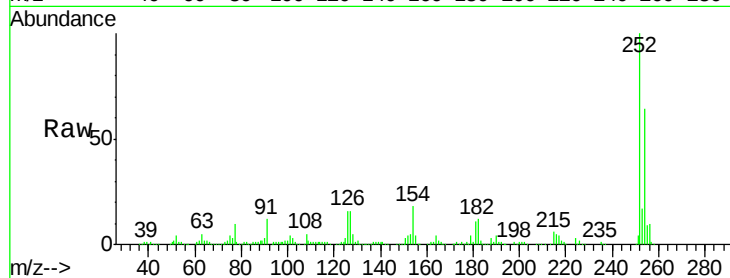
Tgt Ion:252 Resp: 350938

Ion Ratio Lower Upper

252 100

254 64.2 52.0 78.0

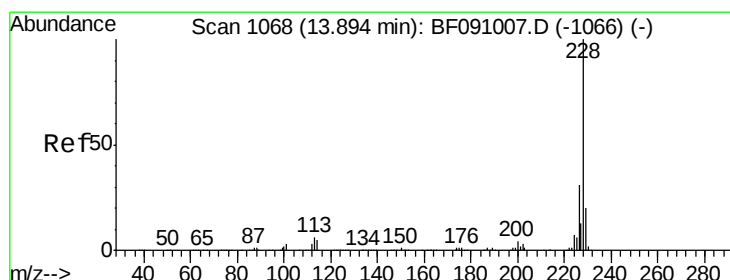
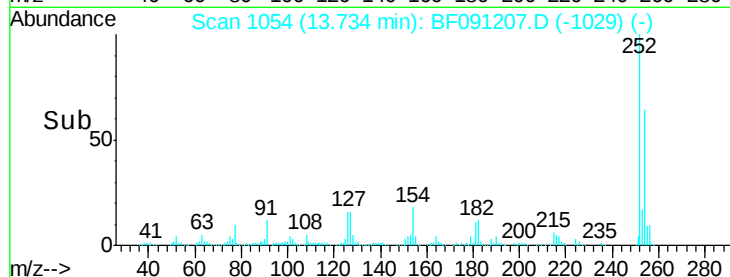
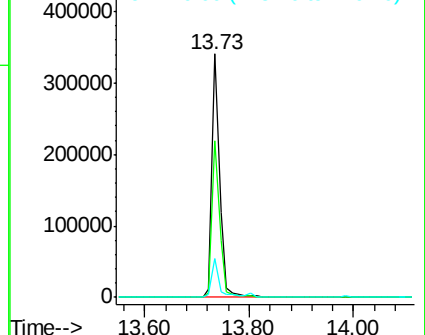
126 15.9 5.4 8.2#



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: 40.52 ng

RT: 13.80 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

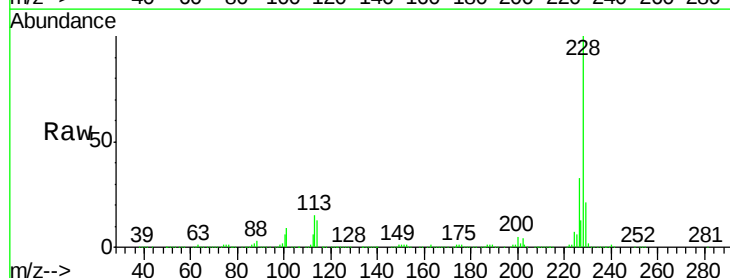
Tgt Ion:228 Resp: 1326227

Ion Ratio Lower Upper

228 100

226 32.5 24.9 37.3

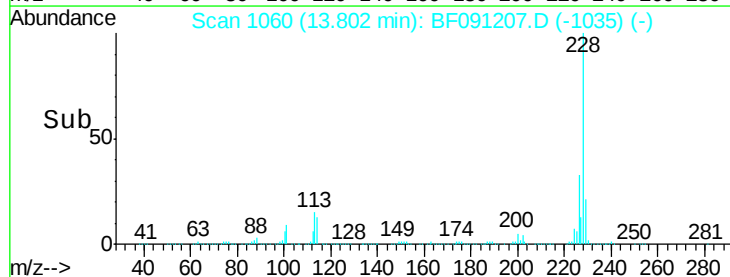
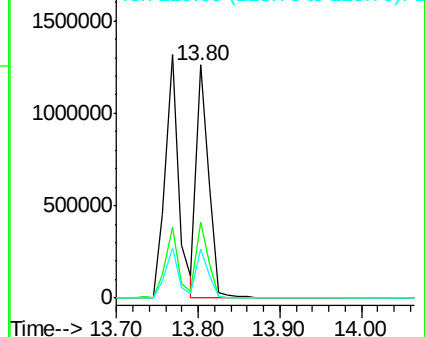
229 21.0 15.9 23.9



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

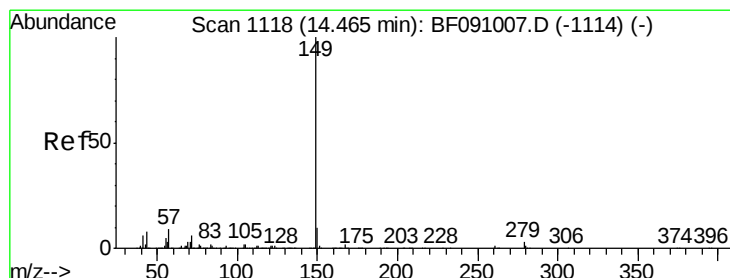
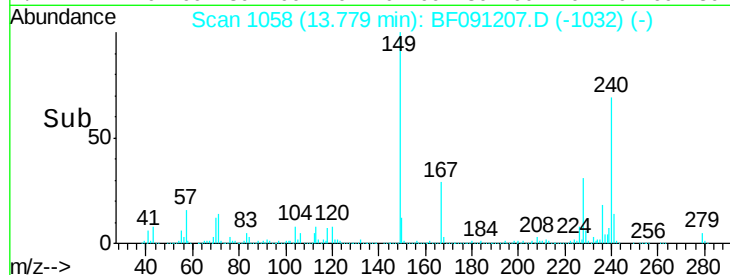
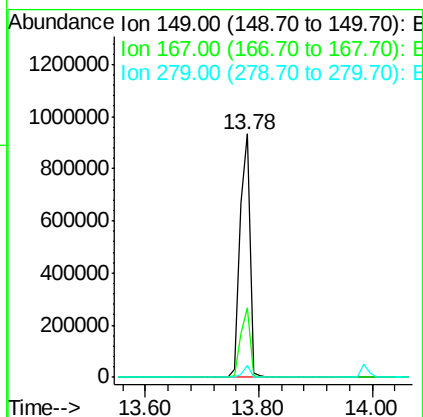
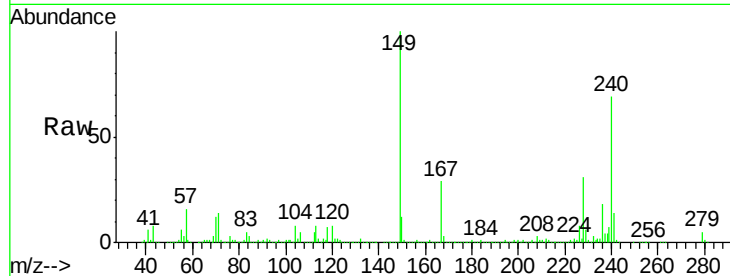




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.28 ng
 RT: 13.78 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BF091207.D
 Acq: 17 Nov 2016 00:01

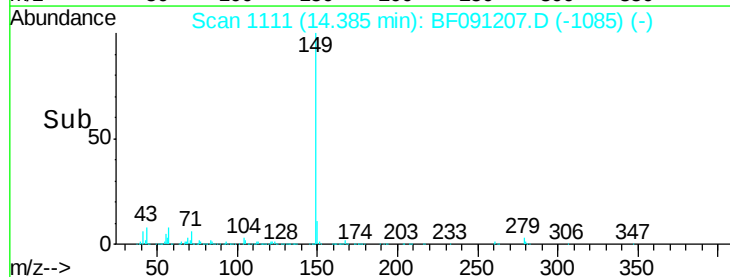
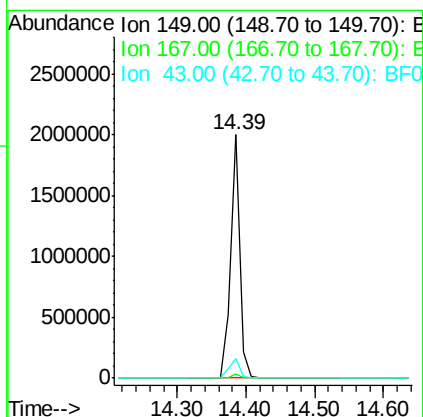
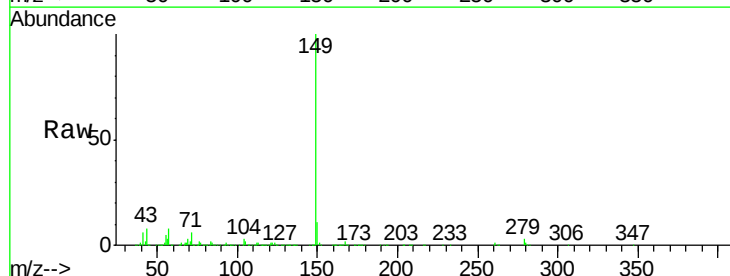
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

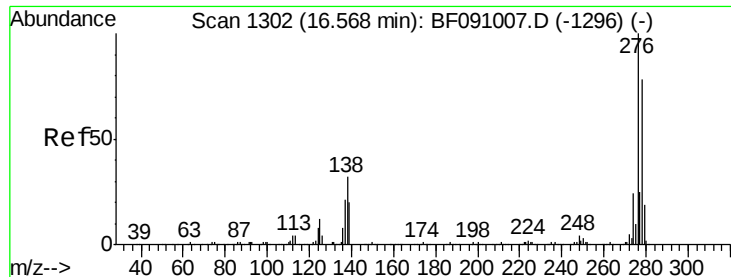
Tgt Ion:149 Resp: 1146932
 Ion Ratio Lower Upper
 149 100
 167 28.8 20.4 30.6
 279 5.0 1.6 2.4#



#84
 Di-n-octyl phthalate
 Concen: 46.80 ng
 RT: 14.39 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BF091207.D
 Acq: 17 Nov 2016 00:01

Tgt Ion:149 Resp: 1906899
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 9.1 8.2 12.4

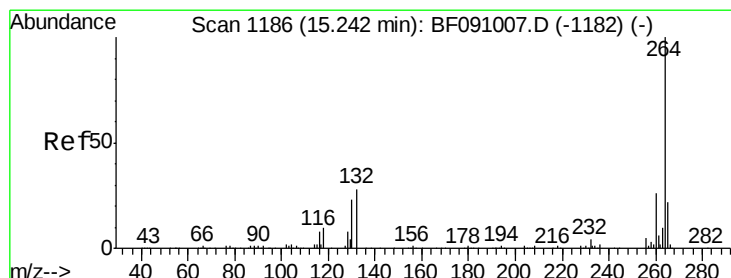
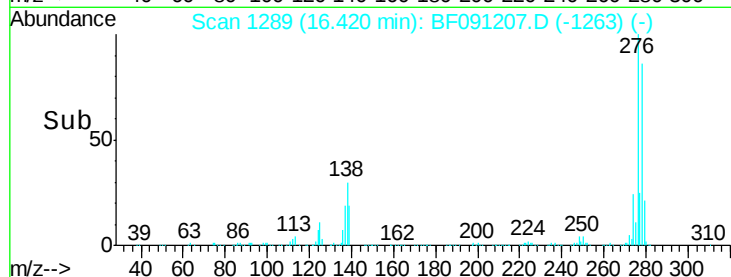
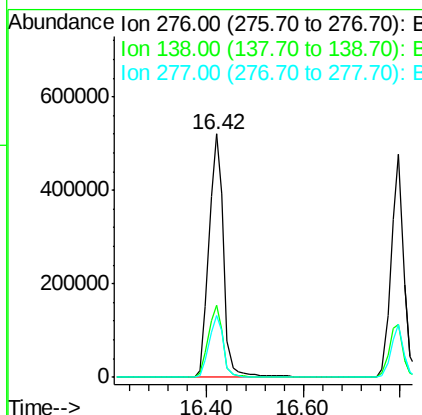
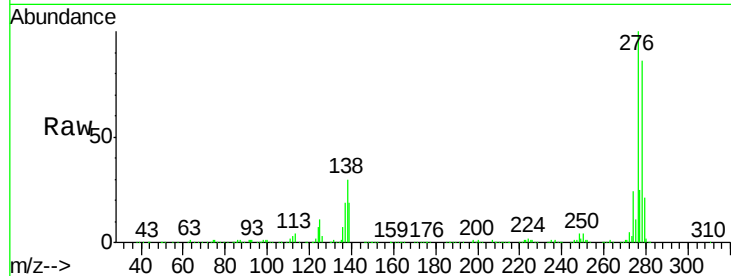




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.09 ng
 RT: 16.42 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BF091207.D
 Acq: 17 Nov 2016 00:01

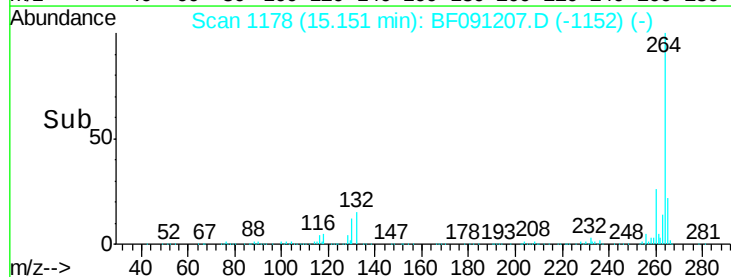
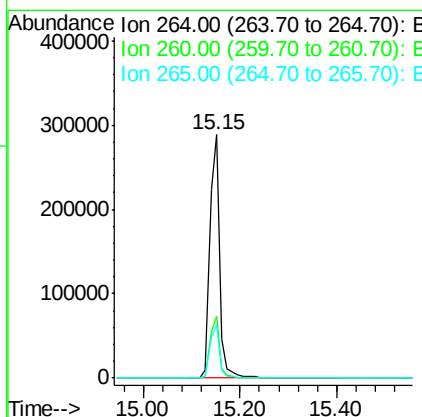
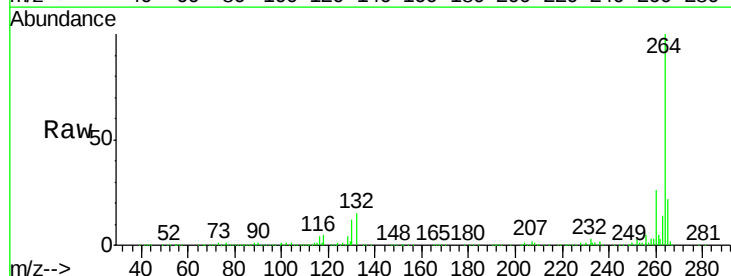
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA8-AA9-AA8A-AA9AM

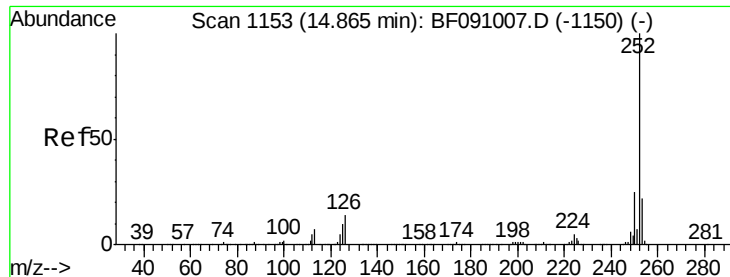
Tgt Ion:276 Resp: 1115618
 Ion Ratio Lower Upper
 276 100
 138 29.9 26.0 39.0
 277 25.4 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF091207.D
 Acq: 17 Nov 2016 00:01

Tgt Ion:264 Resp: 413752
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.6 30.8
 265 21.6 17.8 26.8





#87

Benzo(b)fluoranthene

Concen: 44.79 ng m

RT: 14.77 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM

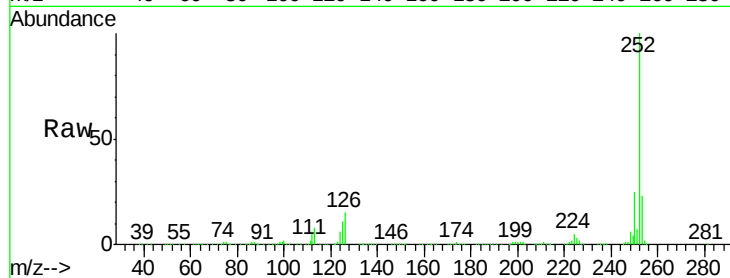
Tgt Ion:252 Resp: 1256795

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

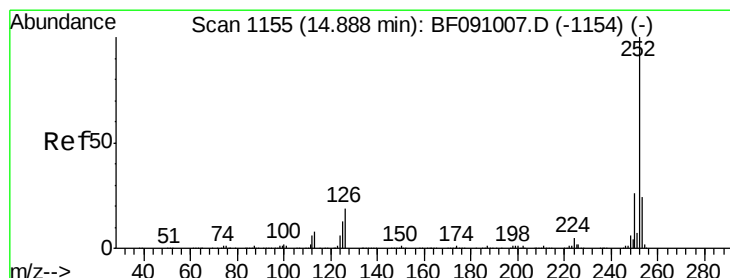
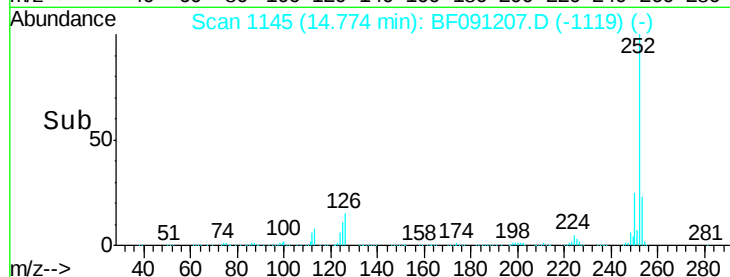
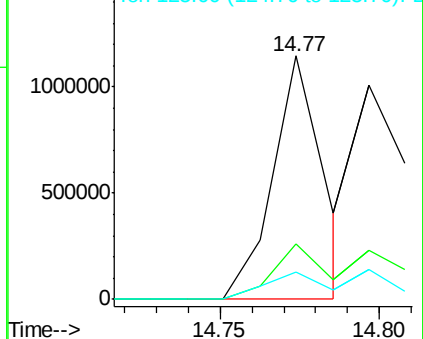
125 11.4 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 48.51 ng m

RT: 14.80 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF091207.D

Acq: 17 Nov 2016 00:01

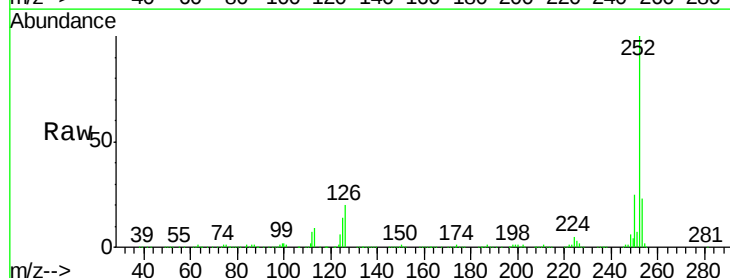
Tgt Ion:252 Resp: 1194221

Ion Ratio Lower Upper

252 100

253 22.8 18.6 28.0

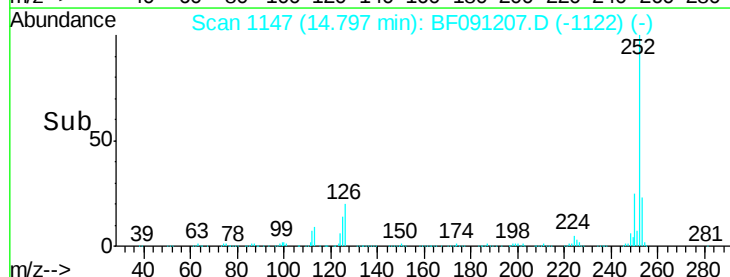
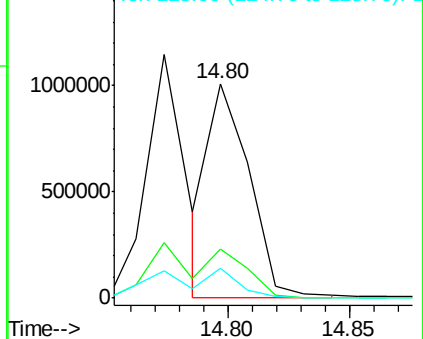
125 13.9 11.2 16.8

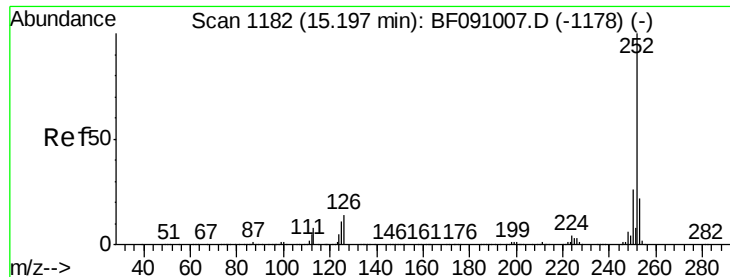


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

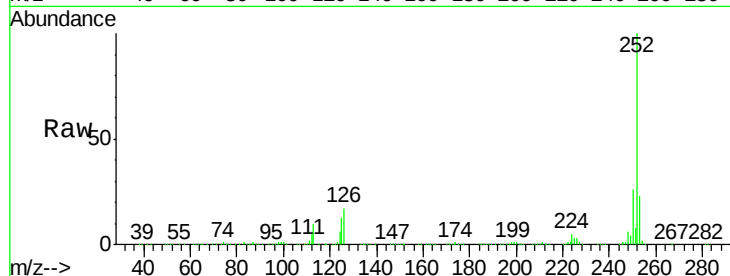




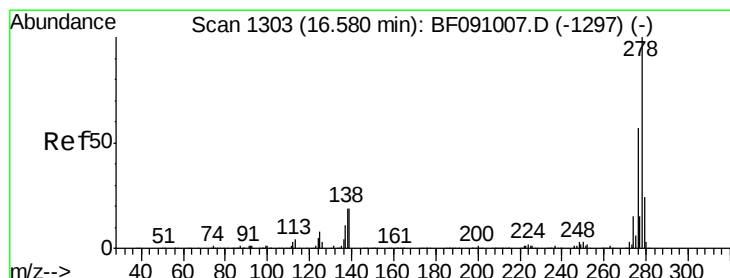
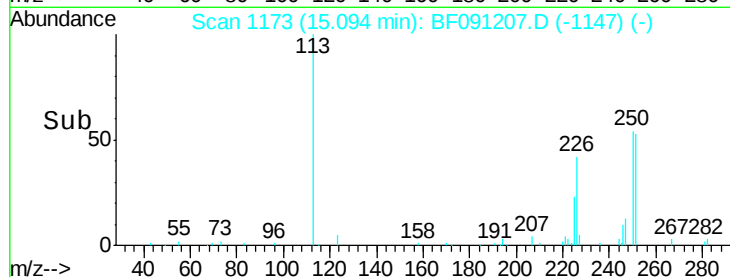
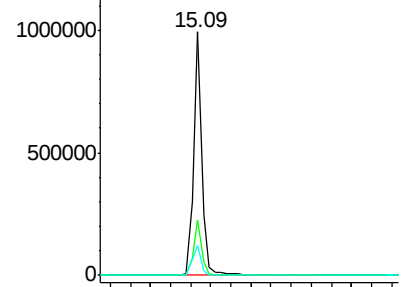
#89
Benzo(a)pyrene
Concen: 45.64 ng
RT: 15.09 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:252 Resp: 1114939
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 12.5 8.6 13.0

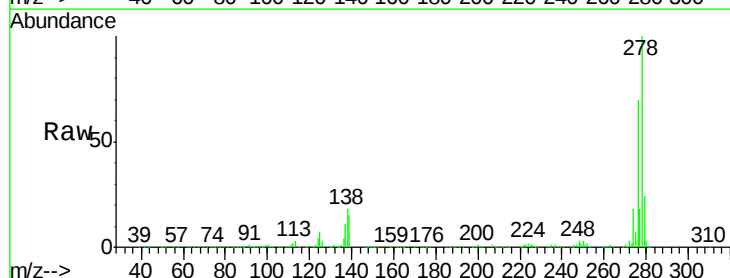


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

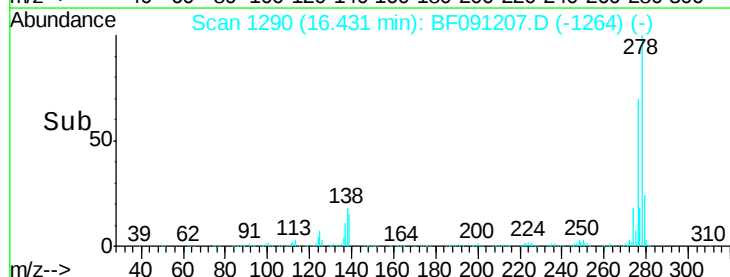
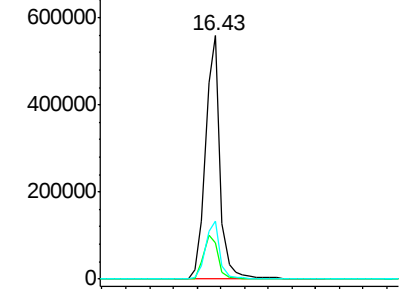


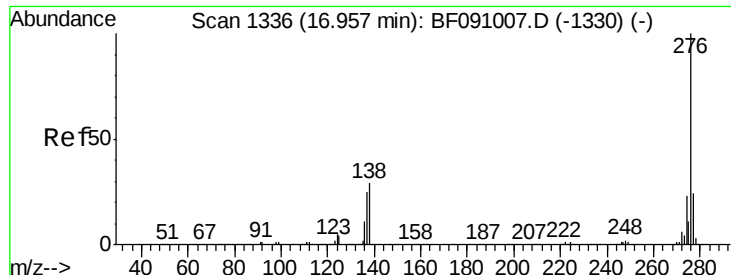
#90
Dibenzo(a,h)anthracene
Concen: 45.04 ng
RT: 16.43 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:278 Resp: 951159
Ion Ratio Lower Upper
278 100
139 15.1 15.3 22.9#
279 23.8 19.3 28.9



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





#91

Benzo(g,h,i)perylene

Concen: 45.58 ng

RT: 16.80 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF091207.D

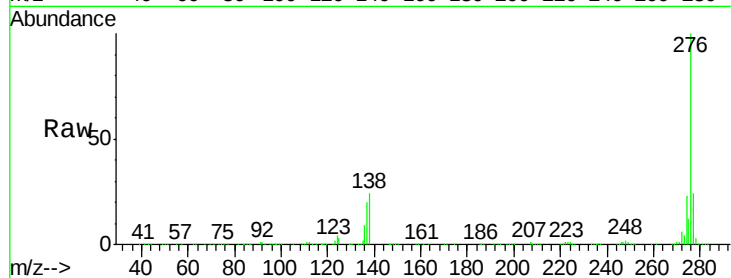
Acq: 17 Nov 2016 00:01

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA8-AA9-AA8A-AA9AM



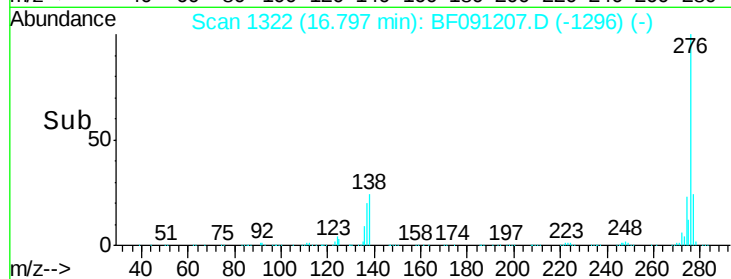
Tgt Ion: 276 Resp: 870522

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 23.7 23.3 34.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

600000

500000

400000

300000

200000

100000

0

16.80

16.60

16.80

17.00

Time-->