

Data Path : Z:\HPCHEM1\BNA F\Data\BF101716\
 Data File : BF090607.D
 Acq On : 17 Oct 2016 15:05
 Operator : UM/SJ
 Sample : H5263-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMS

Quant Time: Oct 17 15:50:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 12:44:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.909	152	183089	20.00	ng	-0.01
21) Naphthalene-d8	8.200	136	772479	20.00	ng	-0.01
38) Acenaphthene-d10	9.949	164	396465	20.00	ng	-0.02
63) Phenanthrene-d10	11.446	188	644578	20.00	ng	-0.01
75) Chrysene-d12	14.086	240	666735	20.00	ng	-0.01
86) Perylene-d12	15.538	264	406274	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.526	112	1695349	169.75	ng	0.00
7) Phenol-d6	6.543	99	2130380	143.56	ng	-0.01
23) Nitrobenzene-d5	7.480	82	1411230	101.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.749	330	581841	164.61	ng	-0.01
44) 2-Fluorobiphenyl	9.275	172	2162796	89.88	ng	-0.01
78) Terphenyl-d14	13.024	244	2429016	84.83	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.588	88	232705	40.88	ng	# 91
3) Pyridine	3.331	79	390384	30.60	ng	91
4) n-Nitrosodimethylamine	3.285	42	211116	46.49	ng	78
6) Aniline	6.577	93	492109	27.44	ng	92
8) 2-Chlorophenol	6.691	128	609523	47.07	ng	94
9) Benzaldehyde	6.451	77	140855	14.93	ng	97
10) Phenol	6.566	94	808242	47.62	ng	94
11) bis(2-Chloroethyl)ether	6.646	93	647232	46.22	ng	96
12) 1,3-Dichlorobenzene	6.851	146	607657	47.05	ng	# 95
13) 1,4-Dichlorobenzene	6.920	146	616229	43.87	ng	94
14) 1,2-Dichlorobenzene	7.080	146	659157	50.20	ng	99
15) Benzyl Alcohol	7.057	79	513589	50.81	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.194	45	963021	48.87	ng	95
17) 2-Methylphenol	7.172	107	520984	51.62	ng	95
18) Hexachloroethane	7.423	117	263166	47.41	ng	96
19) n-Nitroso-di-n-propyla...	7.320	70	501975	49.33	ng	96
20) 3+4-Methylphenols	7.320	107	625876	51.16	ng	# 89
22) Acetophenone	7.320	105	860535	50.42	ng	94
24) Nitrobenzene	7.492	77	685496	48.03	ng	96
25) Isophorone	7.732	82	1323519	52.29	ng	97
26) 2-Nitrophenol	7.812	139	337684	52.16	ng	93
27) 2,4-Dimethylphenol	7.857	122	543816	50.62	ng	96
28) bis(2-Chloroethoxy)met...	7.949	93	820270	54.89	ng	100
29) 2,4-Dichlorophenol	8.052	162	466120	49.53	ng	92
30) 1,2,4-Trichlorobenzene	8.143	180	517423	46.94	ng	99
31) Naphthalene	8.223	128	1818424	46.21	ng	100
32) Benzoic acid	7.960	122	146431	22.19	ng	98
33) 4-Chloroaniline	8.269	127	200691	13.34	ng	96
34) Hexachlorobutadiene	8.337	225	298693	48.50	ng	100
35) Caprolactam	8.635	113	78912	30.05	ng	88
36) 4-Chloro-3-methylphenol	8.760	107	572176	52.70	ng	# 81
37) 2-Methylnaphthalene	8.909	142	1120550	48.49	ng	99
39) 1,2,4,5-Tetrachloroben...	9.080	216	552523	52.56	ng	99
40) Hexachlorocyclopentadiene	9.069	237	624273	121.57	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

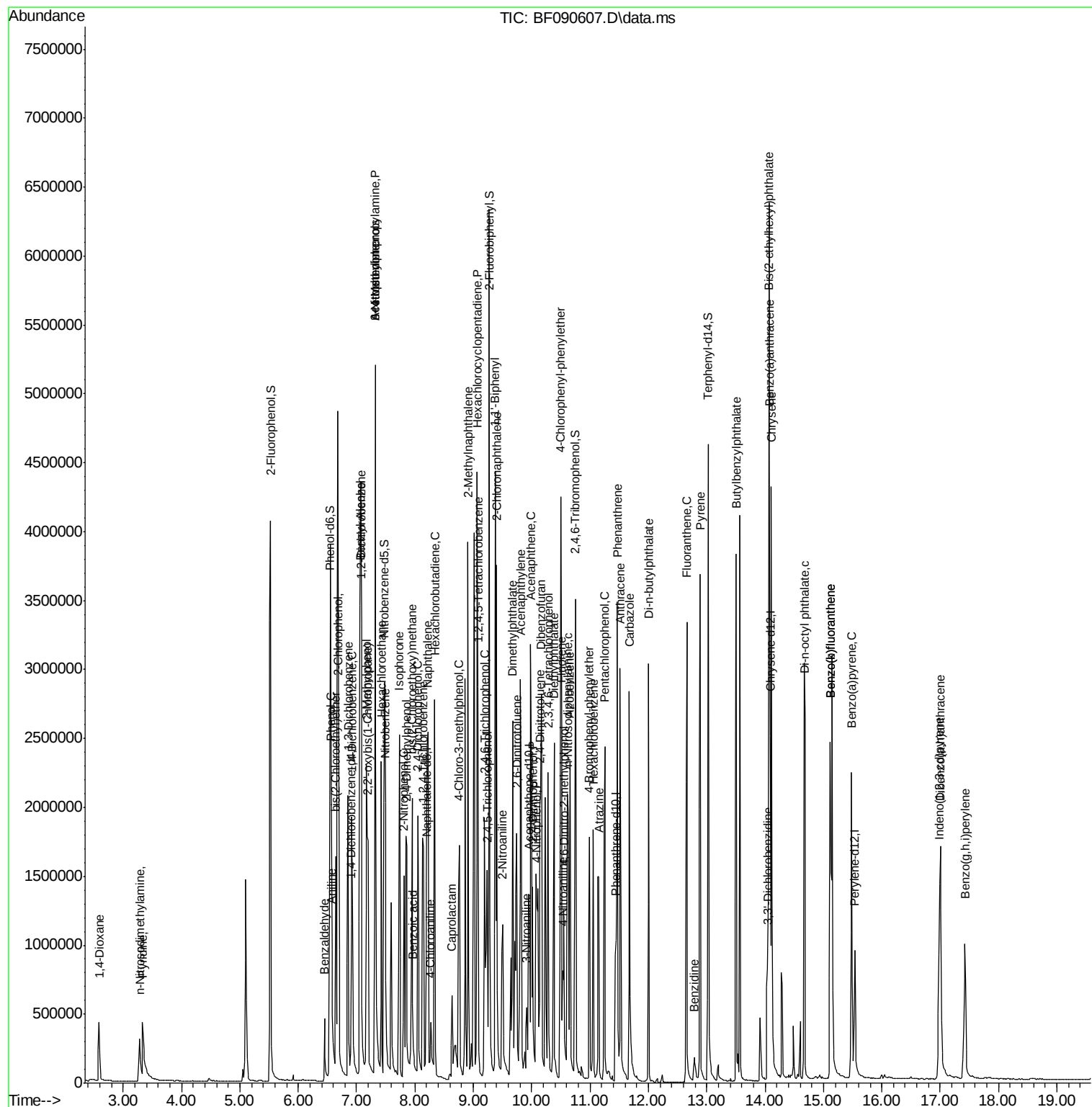
42) 2,4,6-Trichlorophenol	9.195	196	346491	58.44	nq	98
43) 2,4,5-Trichlorophenol	9.240	196	346937	49.05	nq	# 83
45) 1,1'-Biphenyl	9.377	154	1468819	48.68	nq	99
46) 2-Chloronaphthalene	9.400	162	1121168	49.84	nq	99
47) 2-Nitroaniline	9.503	65	390516	47.89	nq	# 83
48) Acenaphthylene	9.812	152	1679991	46.90	nq	100
49) Dimethylphthalate	9.675	163	1483519	57.67	nq	99
50) 2,6-Dinitrotoluene	9.743	165	310072	55.09	nq	94
51) Acenaphthene	9.983	154	1156545	48.58	nq	99
52) 3-Nitroaniline	9.915	138	169242	23.96	nq	90
53) 2,4-Dinitrophenol	10.018	184	271175	88.12	nq	# 63
54) Dibenzofuran	10.166	168	1543460	49.28	nq	98
55) 4-Nitrophenol	10.086	139	464659	109.31	nq	# 71
56) 2,4-Dinitrotoluene	10.143	165	389641	50.96	nq	99
57) Fluorene	10.509	166	1108163	42.90	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.280	232	327604	55.61	nq	# 86
59) Diethylphthalate	10.383	149	1192770	45.72	nq	# 93
60) 4-Chlorophenyl-phenyle...	10.498	204	584374	47.99	nq	93
61) 4-Nitroaniline	10.532	138	275026	38.83	nq	88
62) Azobenzene	10.658	77	1082472	35.87	nq	89
64) 4,6-Dinitro-2-methylph...	10.555	198	207822	53.27	nq	84
65) n-Nitrosodiphenylamine	10.623	169	967197	45.43	nq	99
66) 4-Bromophenyl-phenylether	10.989	248	372343	53.83	nq	94
67) Hexachlorobenzene	11.058	284	418975	55.80	nq	# 59
68) Atrazine	11.149	200	341684	58.02	nq	89
69) Pentachlorophenol	11.252	266	478128	128.47	nq	98
70) Phenanthrene	11.469	178	1646602	47.85	nq	100
71) Anthracene	11.515	178	1714826	46.31	nq	99
72) Carbazole	11.675	167	1612595	48.65	nq	99
73) Di-n-butylphthalate	12.006	149	1891478	48.70	nq	100
74) Fluoranthene	12.658	202	1902981	54.99	nq	97
76) Benzidine	12.784	184	195003	11.75	nq	96
77) Pyrene	12.886	202	1907397	43.19	nq	100
79) Butylbenzylphthalate	13.504	149	967159	49.44	nq	98
80) Benzo(a)anthracene	14.075	228	1849472	48.73	nq	100
81) 3,3'-Dichlorobenzidine	14.041	252	279516	21.56	nq	99
82) Chrysene	14.109	228	1584570	43.33	nq	98
83) Bis(2-ethylhexyl)phtha...	14.064	149	1312530	49.73	nq	99
84) Di-n-octyl phthalate	14.681	149	2048841	57.89	nq	97
85) Indeno(1,2,3-cd)pyrene	16.990	276	1075929	50.88	nq	99
87) Benzo(b)fluoranthene	15.115	252	1528713	57.50	nq	99
88) Benzo(k)fluoranthene	15.115	252	1528713	53.44	nq	# 97
89) Benzo(a)pyrene	15.481	252	1180789	48.52	nq	99
90) Dibenzo(a,h)anthracene	17.001	278	920862	49.61	nq	97
91) Benzo(g,h,i)perylene	17.424	276	853023	48.20	nq	97

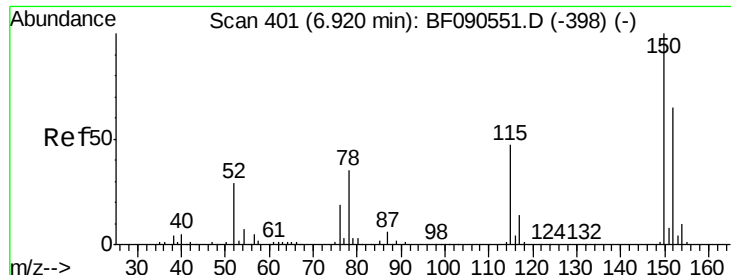
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.909 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

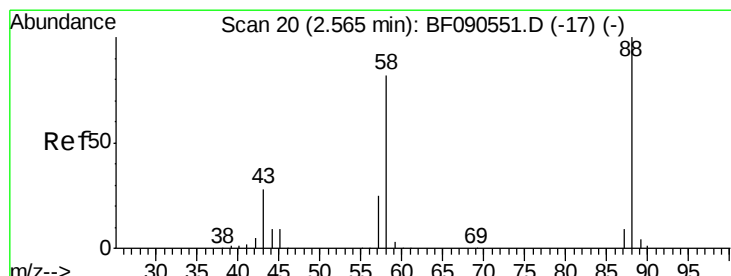
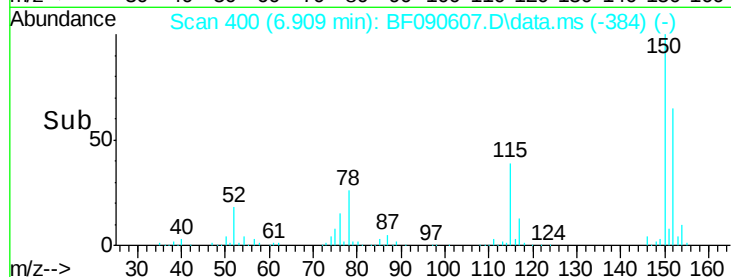
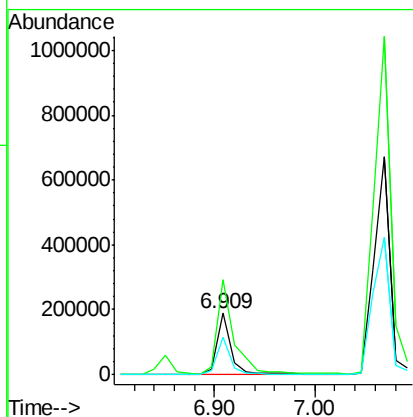
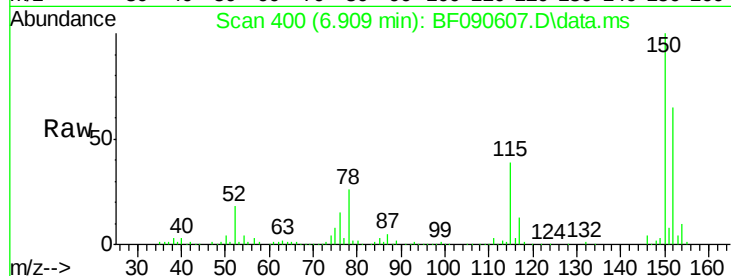
Tot Ion:152 Resp: 183089

Ion Ratio Lower Upper

152 100

150 154.8 127.2 190.8

115 61.1 58.6 88.0



#2

1,4-Dioxane

Concen: 40.88 ng

RT: 2.588 min Scan# 22

Delta R.T. 0.023 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

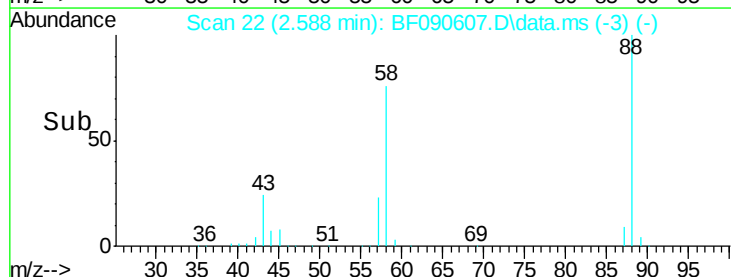
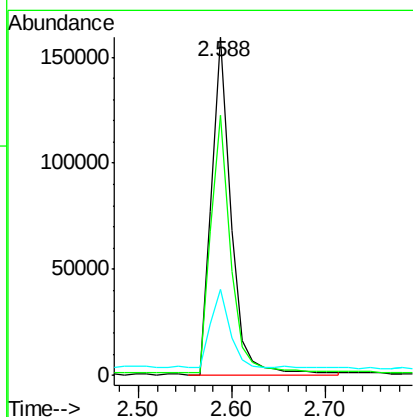
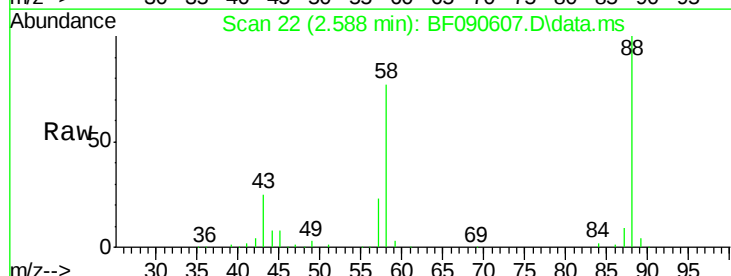
Tgt Ion: 88 Resp: 232705

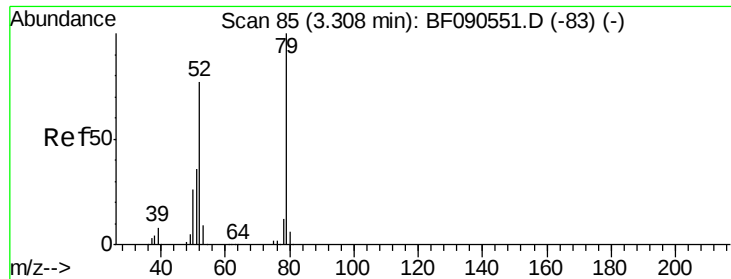
Ion Ratio Lower Upper

88 100

58 76.9 67.2 100.8

43 22.8 24.1 36.1#





#3

Pvridine

Concen: 30.60 ng

RT: 3.331 min Scan# 87

Delta R.T. 0.023 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

Instrument :

BNA_F

ClientSampleId :

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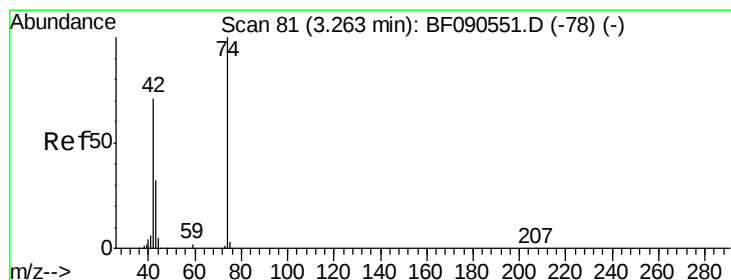
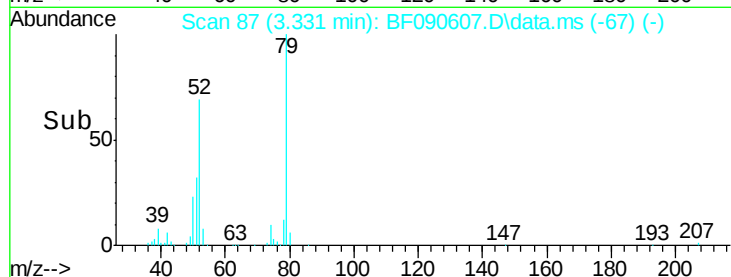
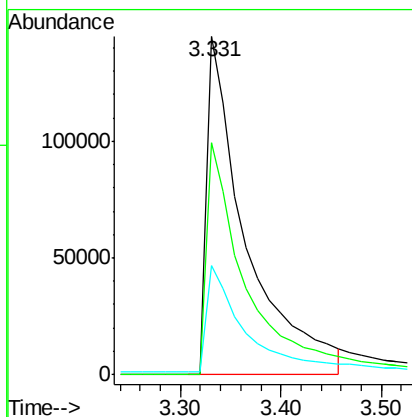
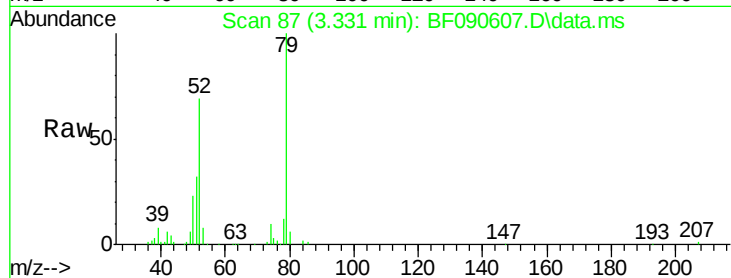
Tot Ion: 79 Resp: 390384

Ion Ratio Lower Upper

79 100

52 68.6 61.8 92.8

51 32.3 29.2 43.8



#4

n-Nitrosodimethylamine

Concen: 46.49 ng

RT: 3.285 min Scan# 83

Delta R.T. 0.023 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

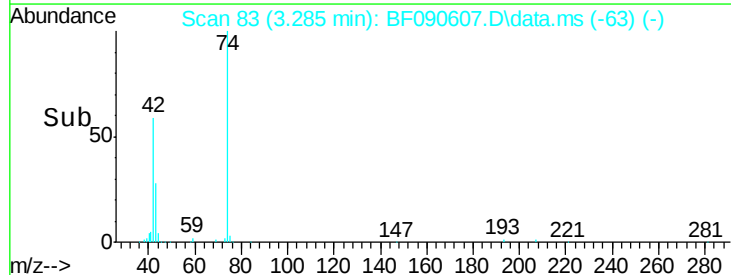
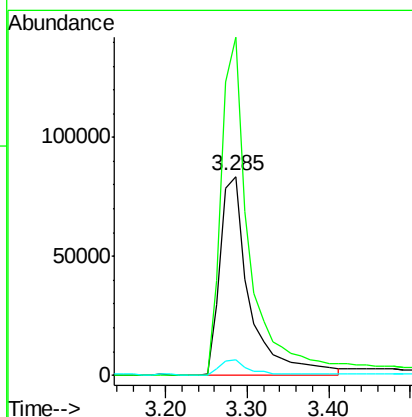
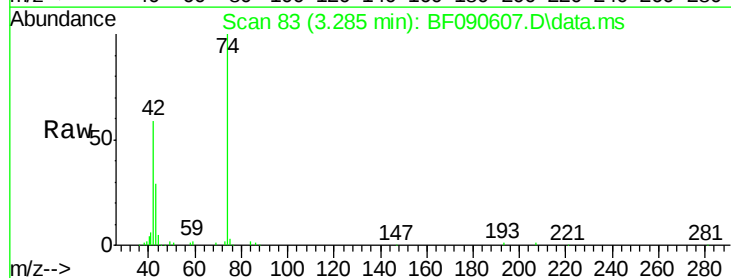
Tgt Ion: 42 Resp: 211116

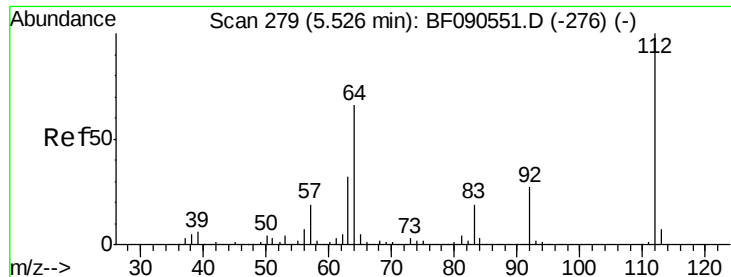
Ion Ratio Lower Upper

42 100

74 169.8 113.3 169.9

44 7.8 6.0 9.0





#5

2-Fluorophenol

Concen: 169.75 ng

RT: 5.526 min Scan# 279

Delta R.T. 0.001 min

Lab File: BF090607.D

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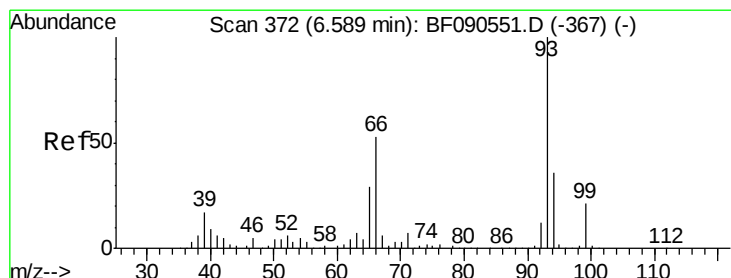
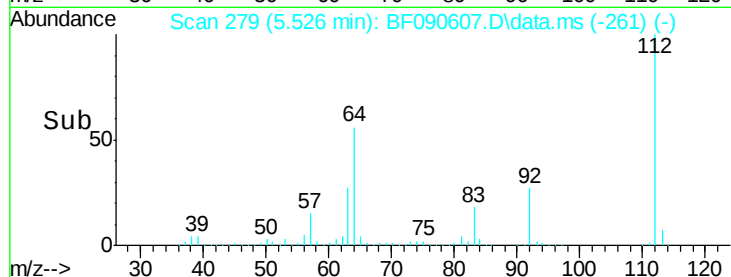
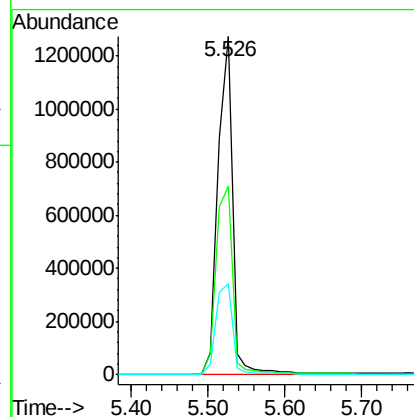
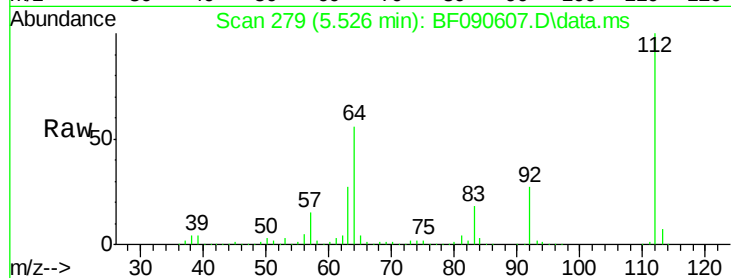
Tot Ion:112 Resp: 1695349

Ion Ratio Lower Upper

112 100

64 55.7 52.6 78.8

63 26.9 26.0 39.0



#6

Aniline

Concen: 27.44 ng

RT: 6.577 min Scan# 371

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

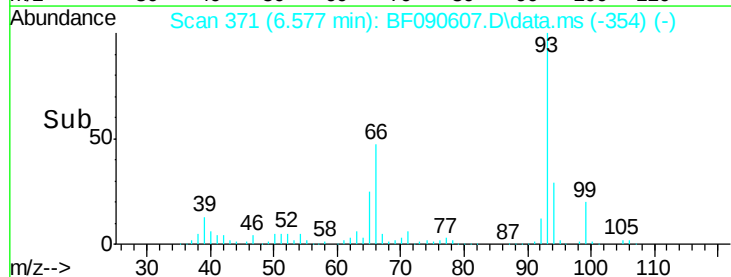
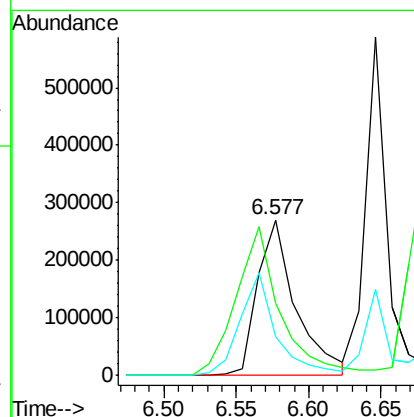
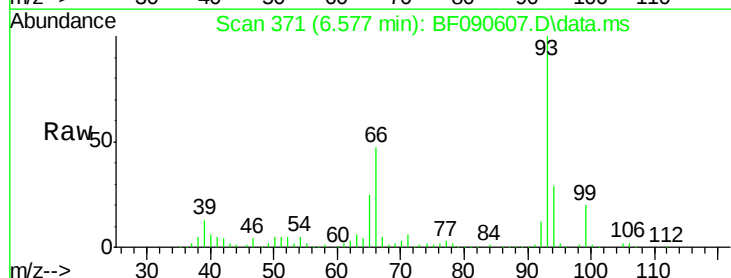
Tgt Ion: 93 Resp: 492109

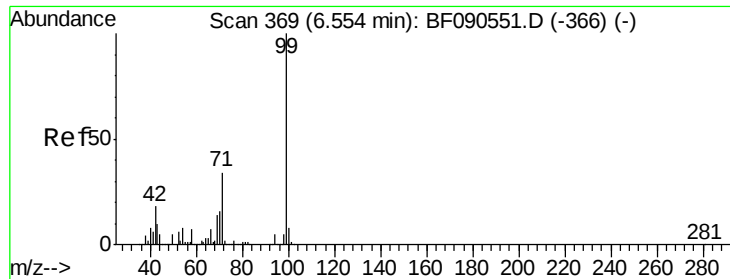
Ion Ratio Lower Upper

93 100

66 46.6 42.2 63.2

65 24.6 22.9 34.3





#7

Phenol-d6

Concen: 143.56 ng

RT: 6.543 min Scan# 369

Delta R.T. -0.011 min

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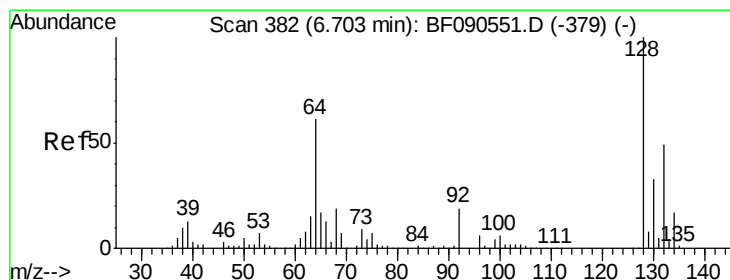
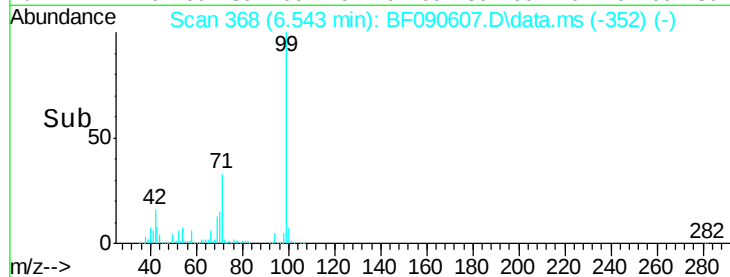
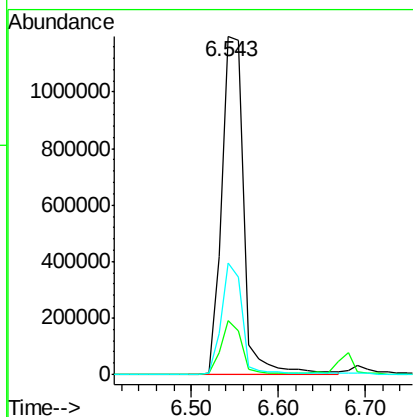
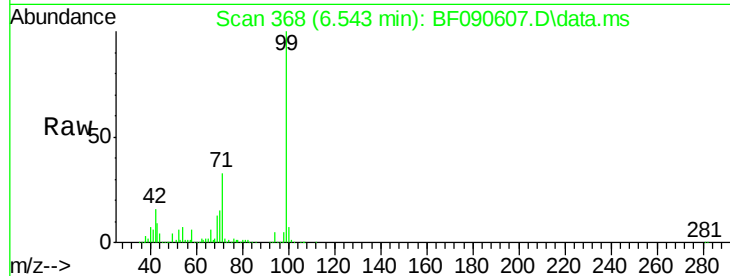
Tot Ion: 99 Resp: 2130380

Ion Ratio Lower Upper

99 100

42 16.1 14.7 22.1

71 33.0 27.6 41.4



#8

2-Chlorophenol

Concen: 47.07 ng

RT: 6.691 min Scan# 381

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

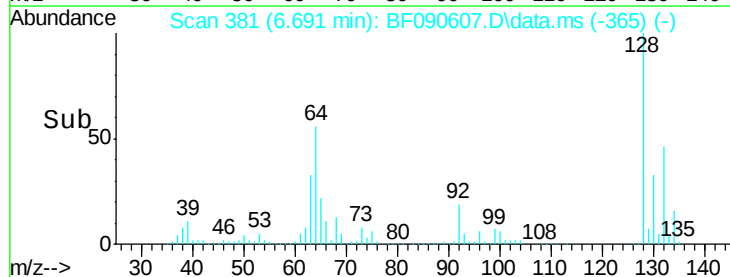
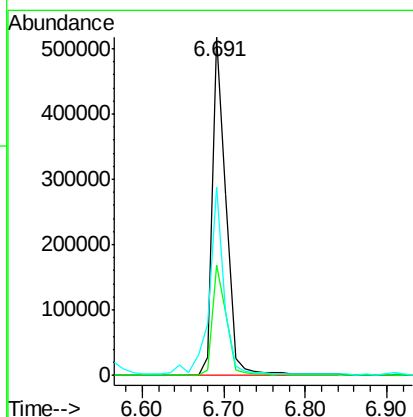
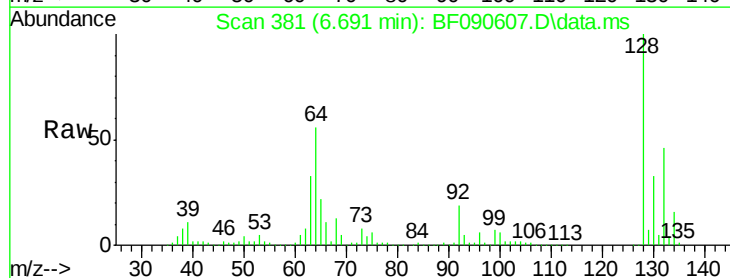
Tgt Ion: 128 Resp: 609523

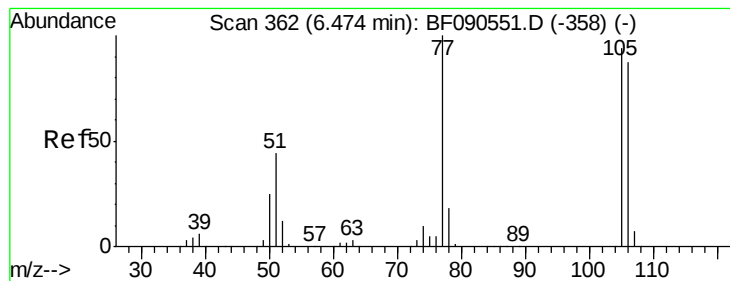
Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

64 55.7 42.6 82.6





#9

Benzaldehyde

Concen: 14.93 ng

RT: 6.451 min Scan# 36

Delta R.T. -0.023 min

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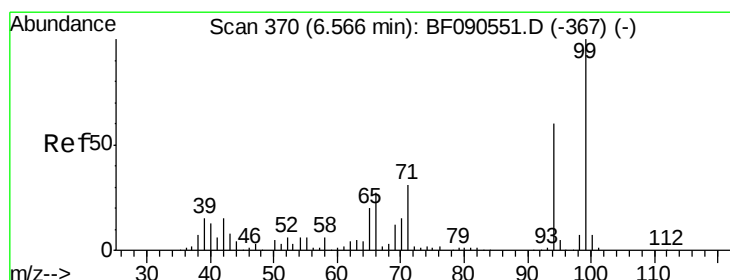
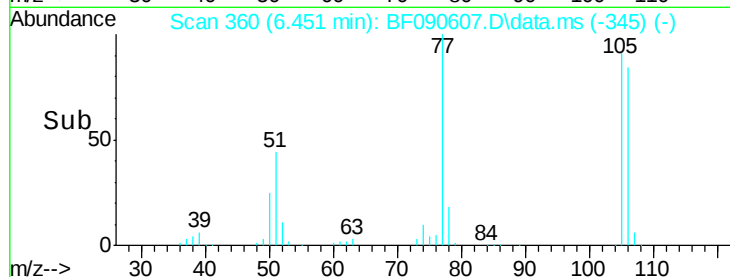
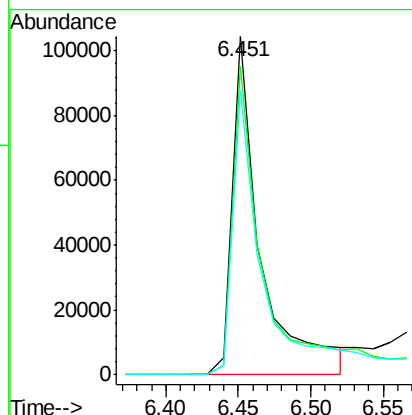
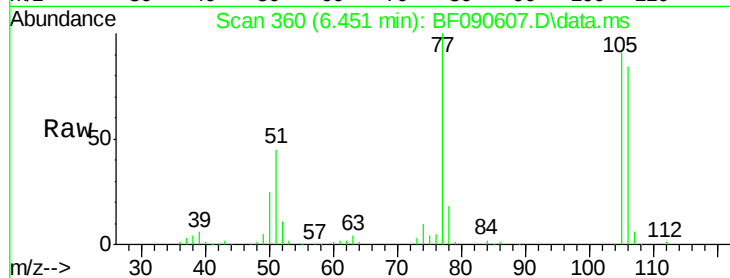
Tot Ion: 77 Resp: 140855

Ion Ratio Lower Upper

77 100

105 91.2 74.3 114.3

106 84.3 67.2 107.2



#10

Phenol

Concen: 47.62 ng

RT: 6.566 min Scan# 370

Delta R.T. -0.000 min

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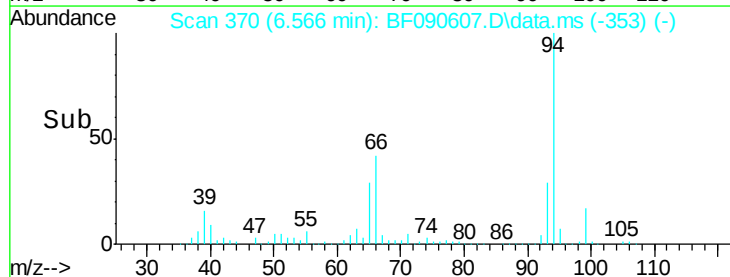
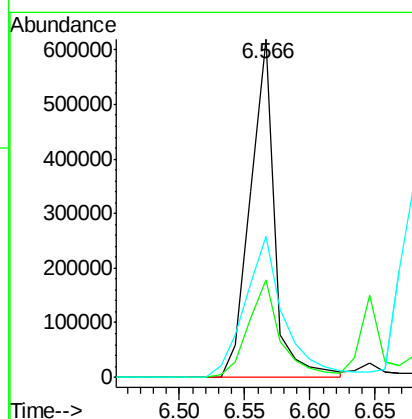
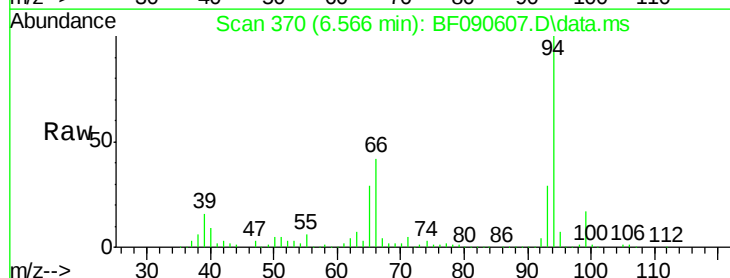
Tgt Ion: 94 Resp: 808242

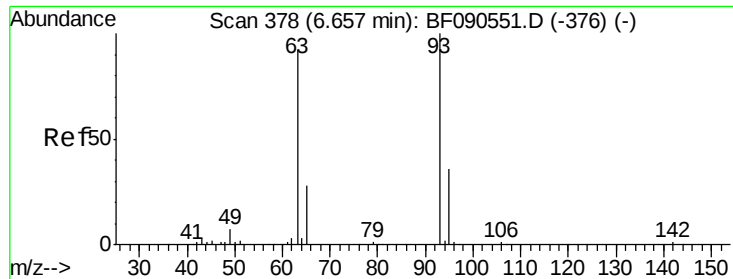
Ion Ratio Lower Upper

94 100

65 28.7 12.5 52.5

66 41.7 25.5 65.5

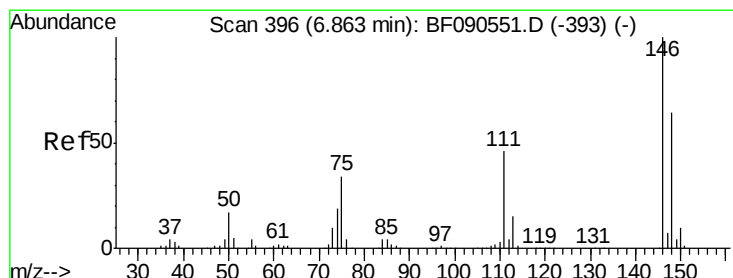
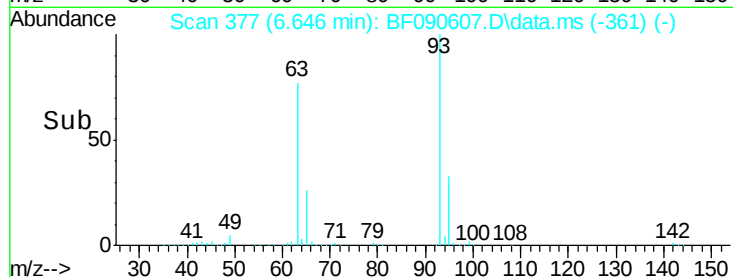
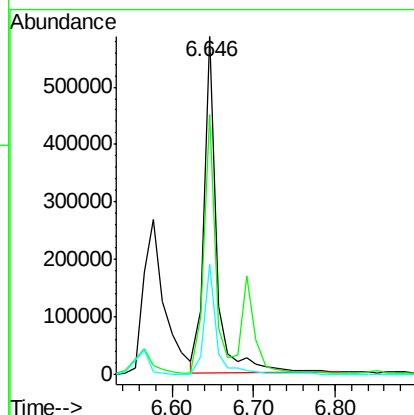
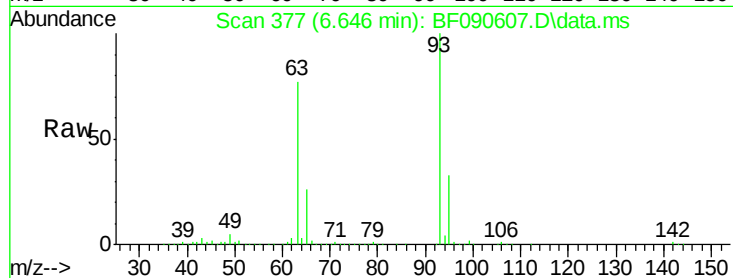




#11
bis(2-Chloroethyl)ether
Concen: 46.22 ng
RT: 6.646 min Scan# 37
Delta R.T. -0.011 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

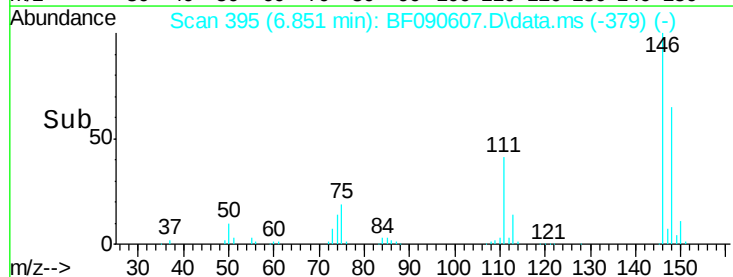
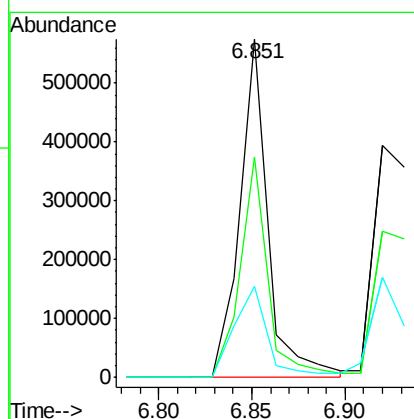
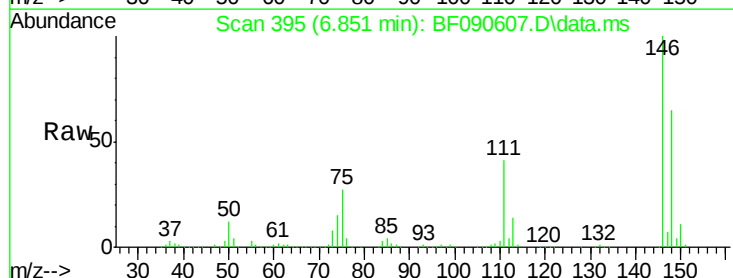
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMS

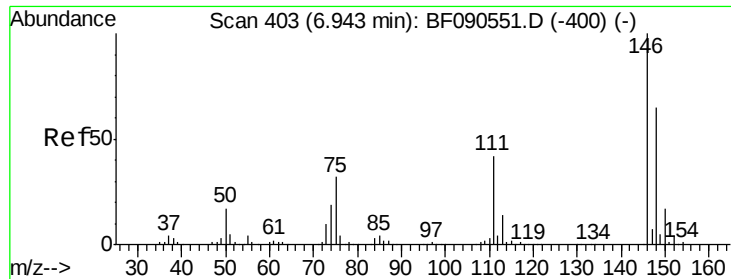
Tot Ion: 93 Resp: 647232
Ion Ratio Lower Upper
93 100
63 77.0 61.6 101.6
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 47.05 ng
RT: 6.851 min Scan# 395
Delta R.T. -0.012 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

Tgt Ion: 146 Resp: 607657
Ion Ratio Lower Upper
146 100
148 65.3 51.4 77.2
75 26.8 27.0 40.6#

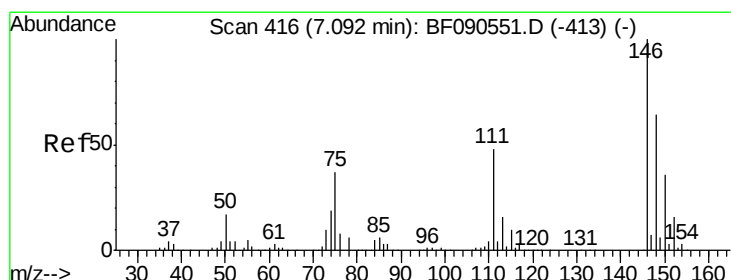
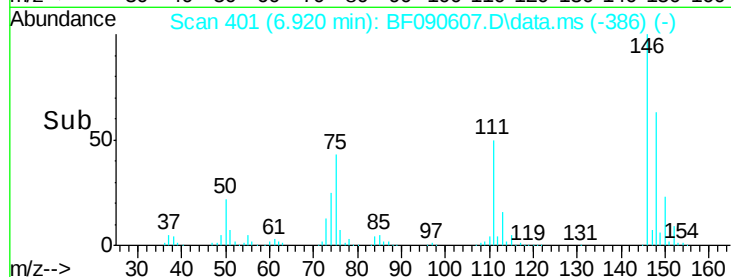
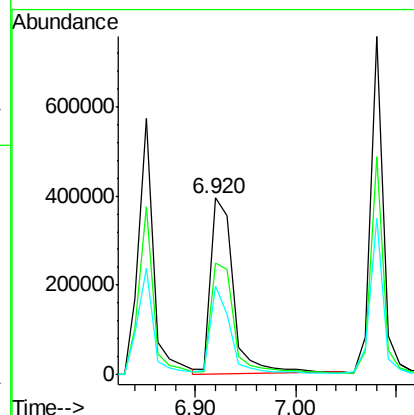
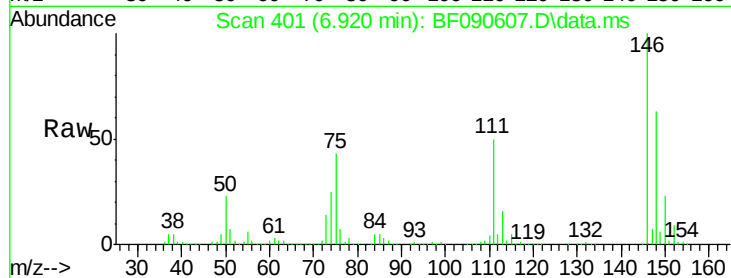




#13
 1,4-Dichlorobenzene
 Concen: 43.87 ng
 RT: 6.920 min Scan# 40
 Delta R.T. -0.023 min
 Lab File: BF090607.D
 Acq: 17 Oct 2016 15:05

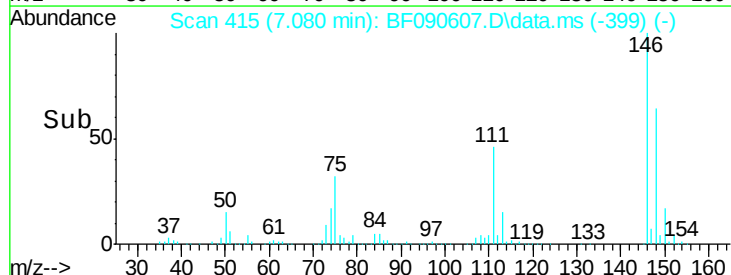
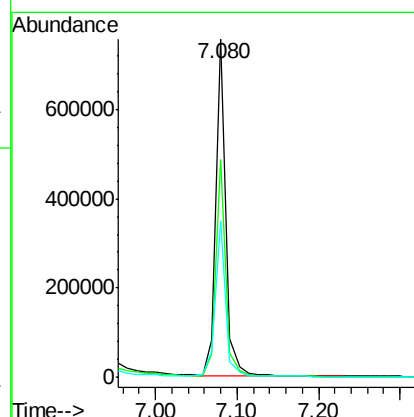
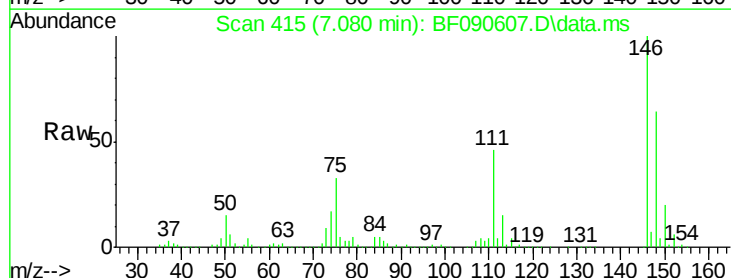
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMS

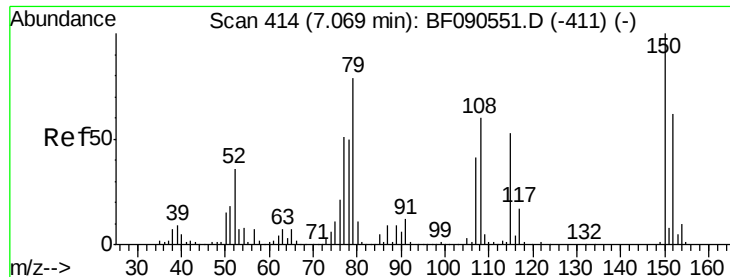
Tot Ion:146 Resp: 616229
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.9 77.9
 111 50.1 33.7 50.5



#14
 1,2-Dichlorobenzene
 Concen: 50.20 ng
 RT: 7.080 min Scan# 415
 Delta R.T. -0.011 min
 Lab File: BF090607.D
 Acq: 17 Oct 2016 15:05

Tgt Ion:146 Resp: 659157
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.2 76.8
 111 46.4 38.2 57.2





#15

Benzyl Alcohol

Concen: 50.81 ng

RT: 7.057 min Scan# 41

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

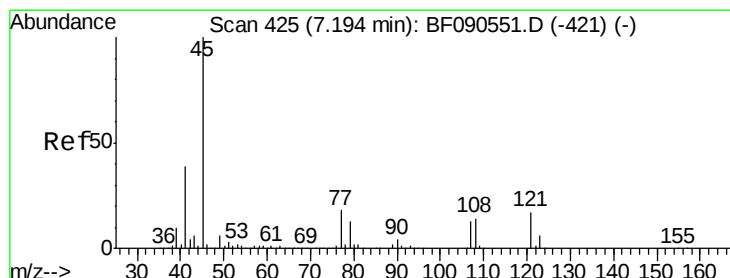
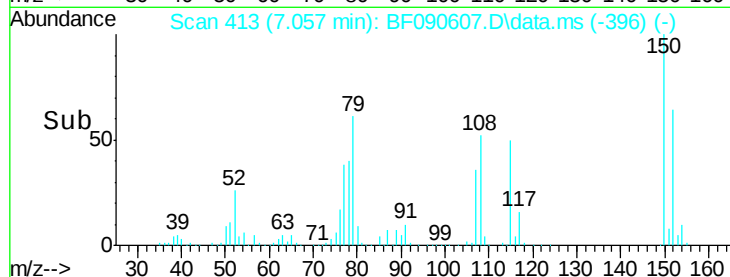
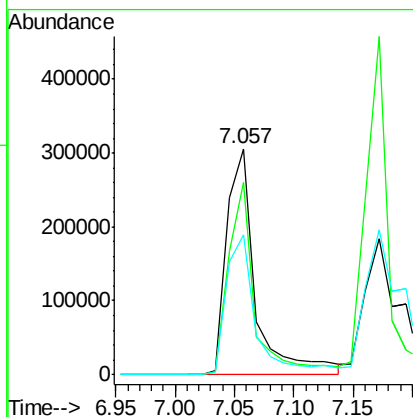
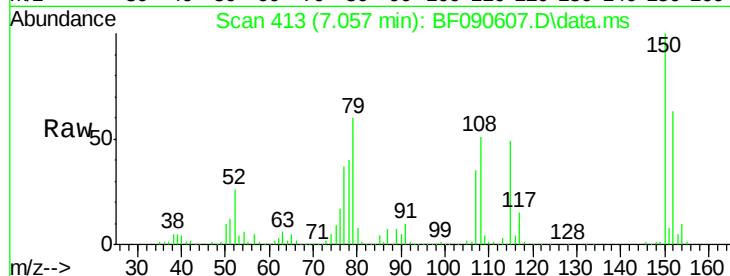
Tot Ion: 79 Resp: 513589

Ion Ratio Lower Upper

79 100

108 85.2 60.2 90.4

77 62.0 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.87 ng

RT: 7.194 min Scan# 425

Delta R.T. -0.000 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

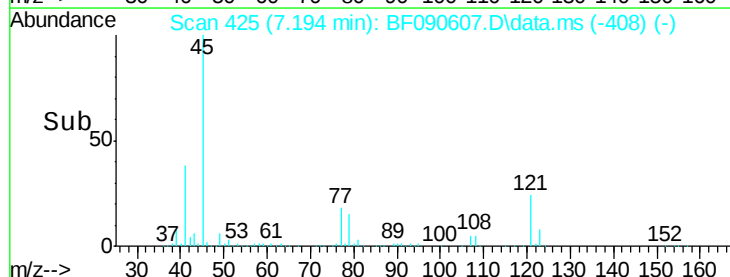
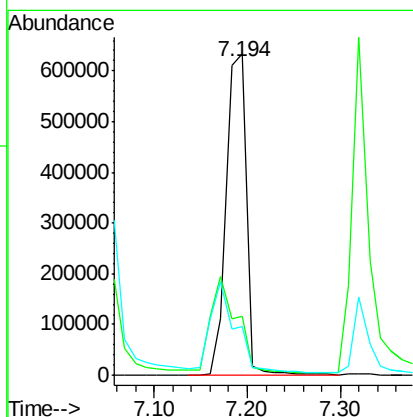
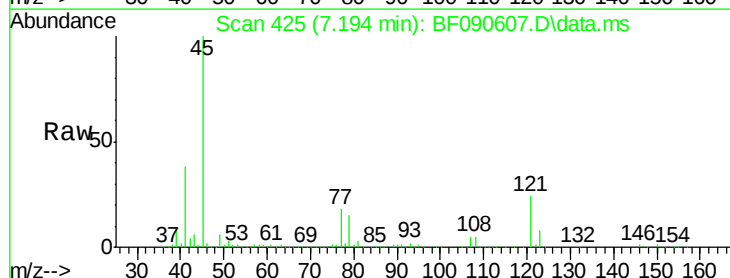
Tgt Ion: 45 Resp: 963021

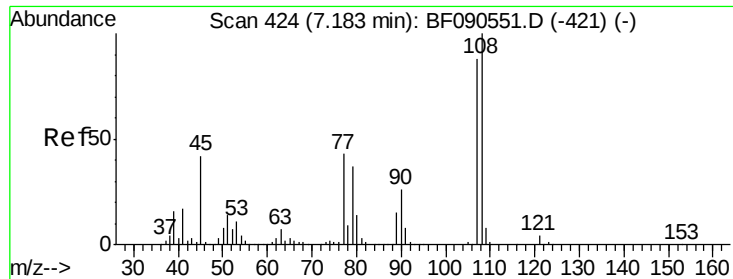
Ion Ratio Lower Upper

45 100

77 18.5 0.9 40.9

79 15.2 0.0 37.3

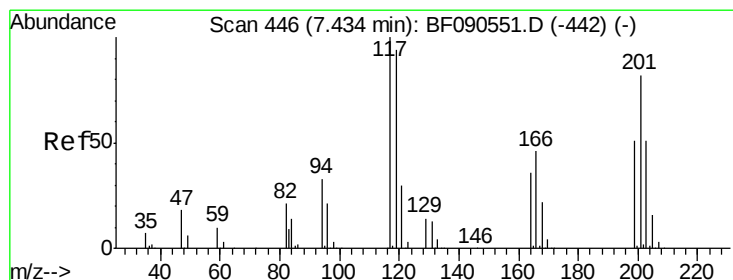
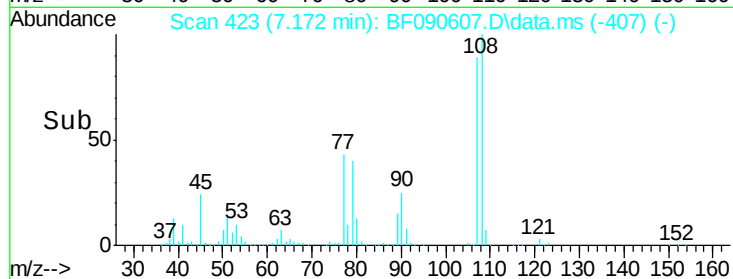
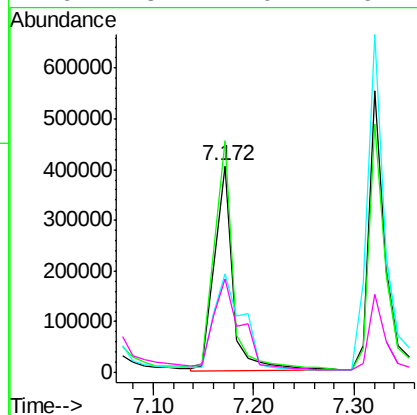
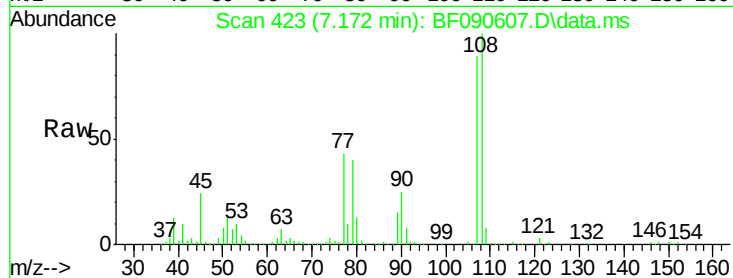




#17
2-Methylphenol
Concen: 51.62 ng
RT: 7.172 min Scan# 421
Delta R.T. -0.011 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

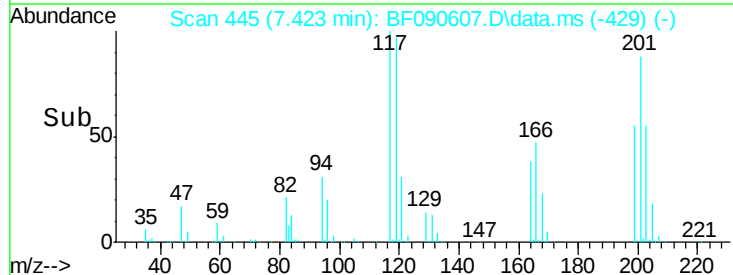
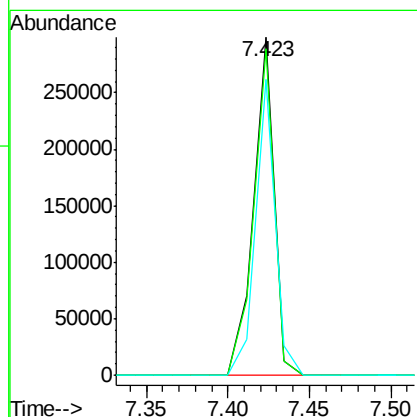
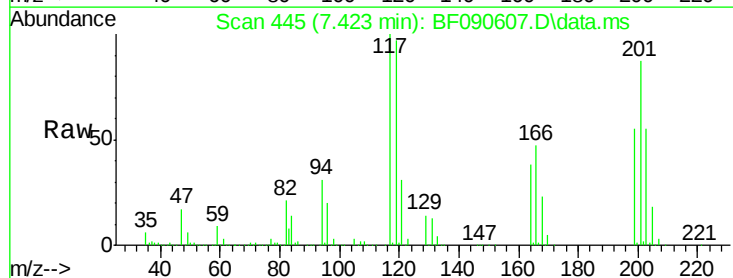
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMS

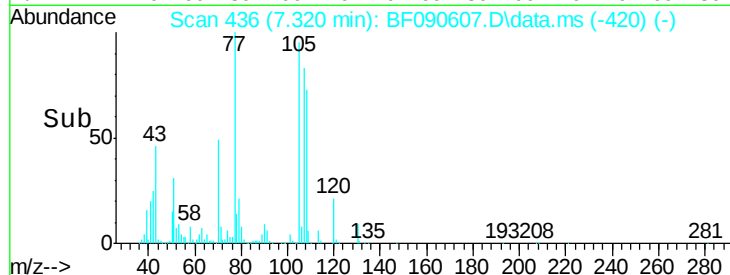
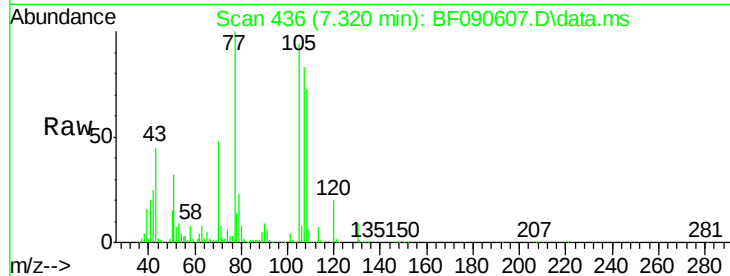
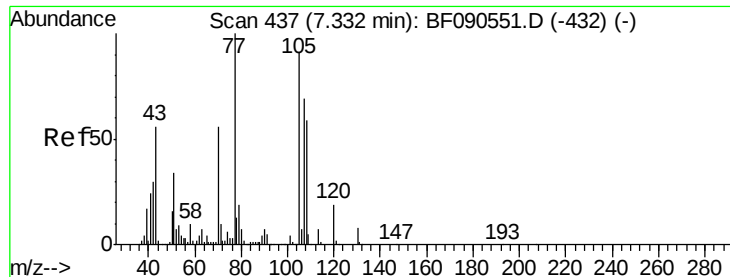
Tot Ion:	107	Resp:	520984
Ion	Ratio	Lower	Upper
107	100		
108	112.7	92.6	138.8
77	48.2	42.2	63.2
79	45.4	40.7	61.1



#18
Hexachloroethane
Concen: 47.41 ng
RT: 7.423 min Scan# 445
Delta R.T. -0.011 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

Tgt Ion:	117	Resp:	263166
Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.6	113.4
201	87.4	65.4	98.0

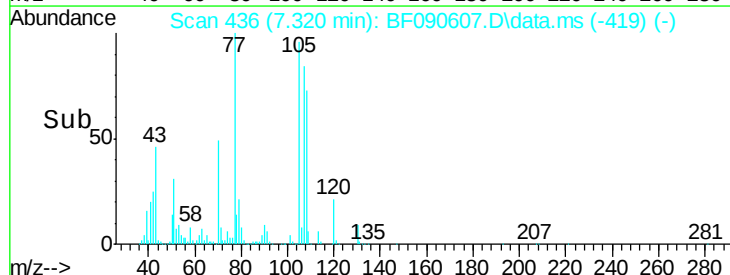
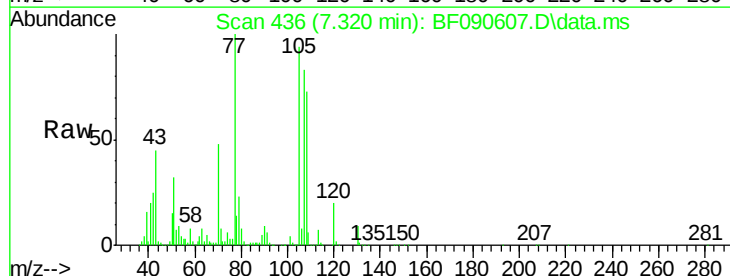
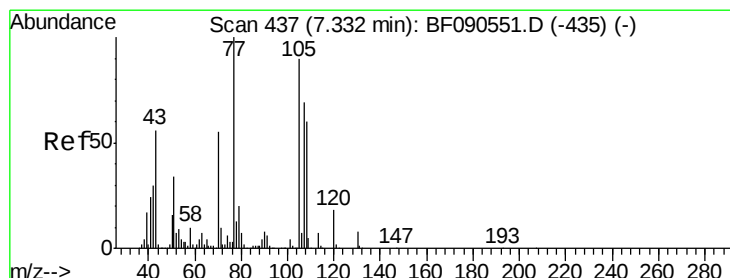
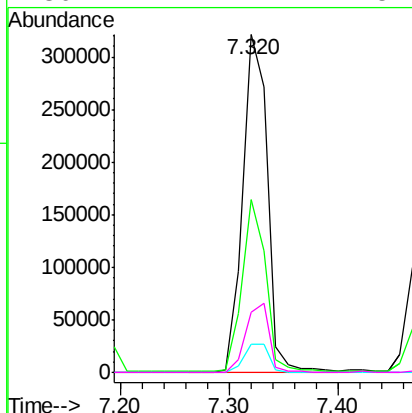




#19
n-Nitroso-di-n-propylamine
Concen: 49.33 ng
RT: 7.320 min Scan# 436
Delta R.T. -0.011 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

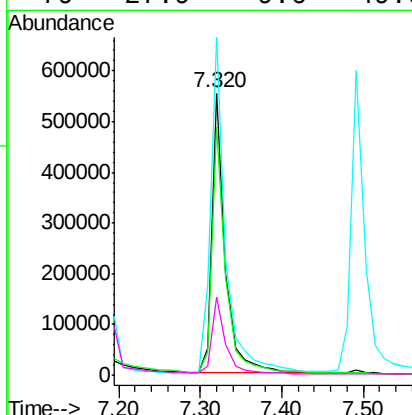
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMS

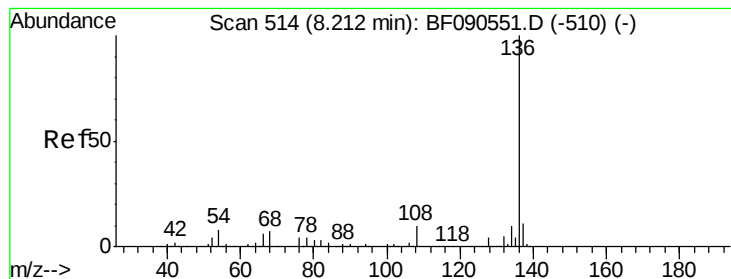
Tot Ion: 70 Resp: 501975
Ion Ratio Lower Upper
70 100
42 51.1 43.4 65.0
101 8.4 6.4 9.6
130 17.7 12.1 18.1



#20
3+4-Methylphenols
Concen: 51.16 ng
RT: 7.320 min Scan# 436
Delta R.T. -0.011 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

Tgt Ion: 107 Resp: 625876
Ion Ratio Lower Upper
107 100
108 87.9 67.7 107.7
77 119.9 123.1 163.1#
79 27.9 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.200 min Scan# 51

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

Tot Ion:136 Resp: 772479

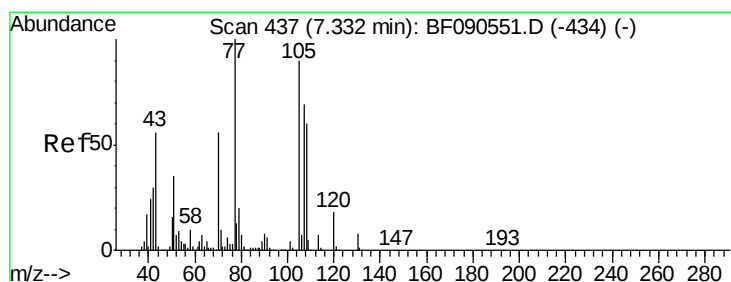
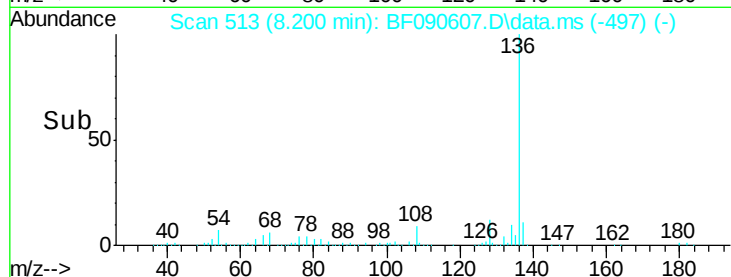
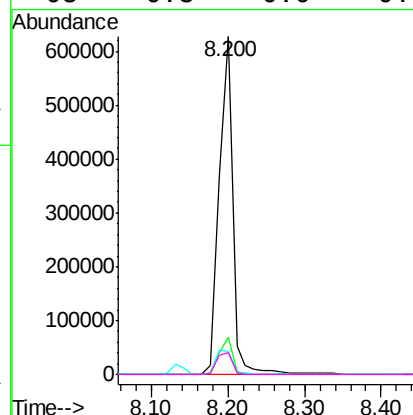
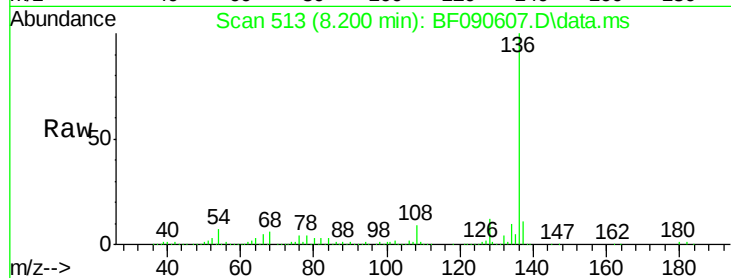
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.0 6.8 10.2

68 6.3 6.0 9.0



#22

Acetophenone

Concen: 50.42 ng

RT: 7.320 min Scan# 436

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

Tgt Ion:105 Resp: 860535

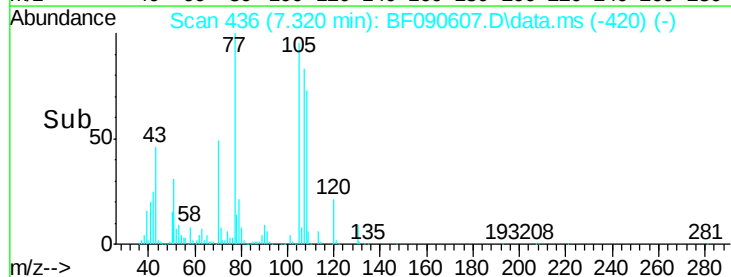
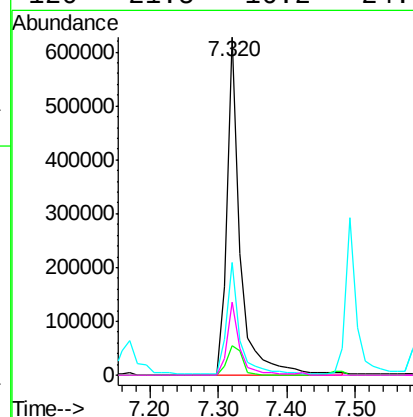
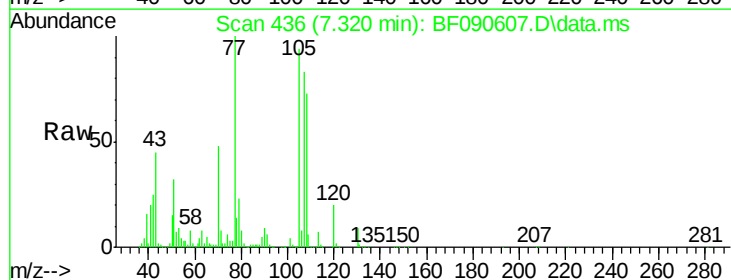
Ion Ratio Lower Upper

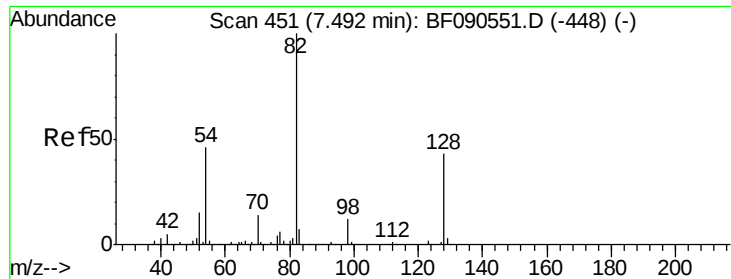
105 100

71 8.8 8.5 12.7

51 33.5 31.0 46.4

120 21.5 16.2 24.4

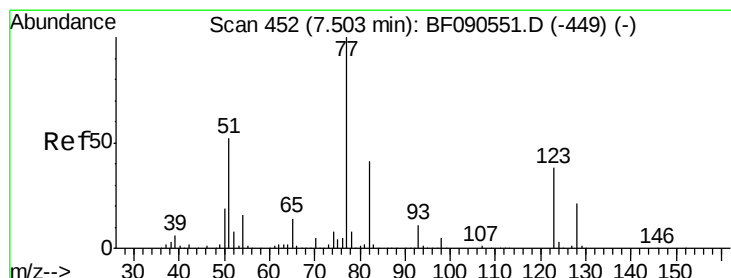
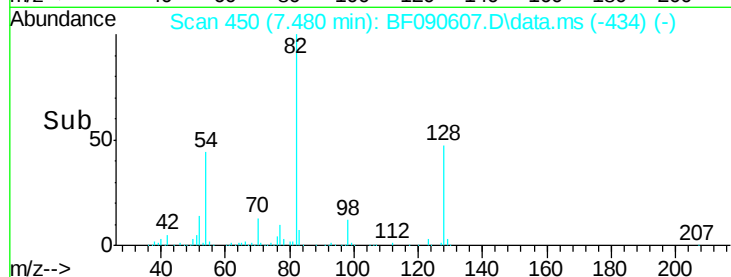
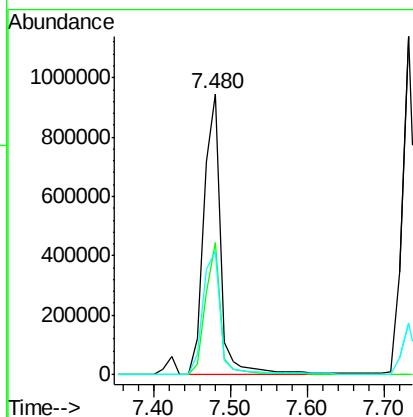
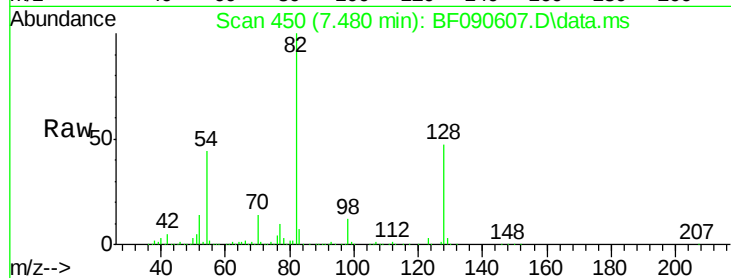




#23
 Nitrobenzene-d5
 Concen: 101.48 ng
 RT: 7.480 min Scan# 451
 Delta R.T. -0.011 min
 Lab File: BF090607.D
 Acq: 17 Oct 2016 15:05

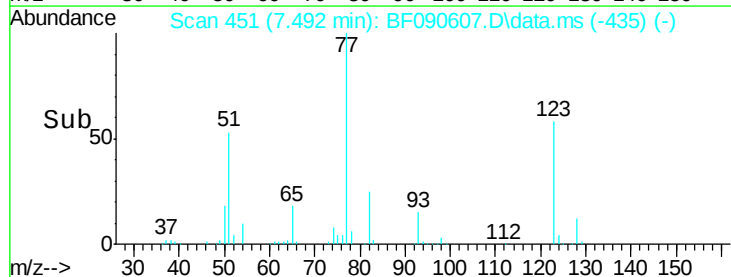
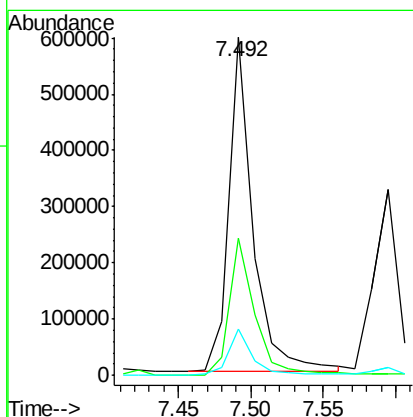
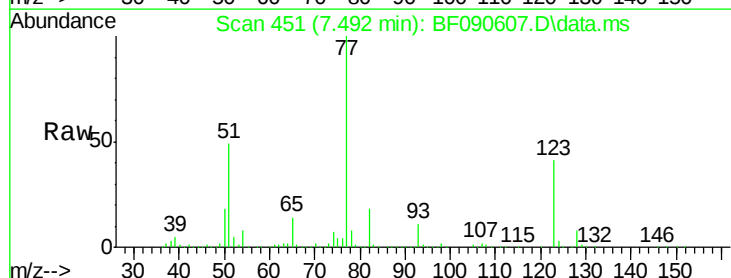
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMS

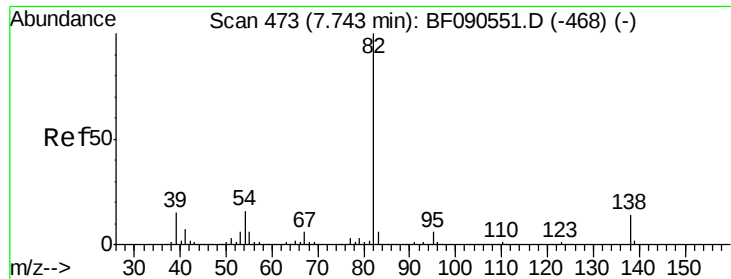
Tot Ion: 82 Resp: 1411230
 Ion Ratio Lower Upper
 82 100
 128 46.9 34.3 51.5
 54 43.9 37.0 55.6



#24
 Nitrobenzene
 Concen: 48.03 ng
 RT: 7.492 min Scan# 451
 Delta R.T. -0.011 min
 Lab File: BF090607.D
 Acq: 17 Oct 2016 15:05

Tgt Ion: 77 Resp: 685496
 Ion Ratio Lower Upper
 77 100
 123 40.6 29.8 44.6
 65 13.6 10.9 16.3





#25

Isophorone

Concen: 52.29 ng

RT: 7.732 min Scan# 47

Delta R.T. -0.012 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

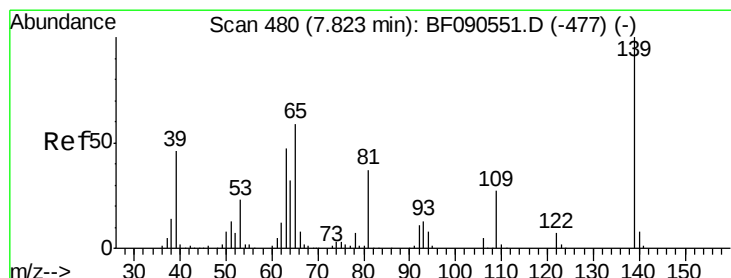
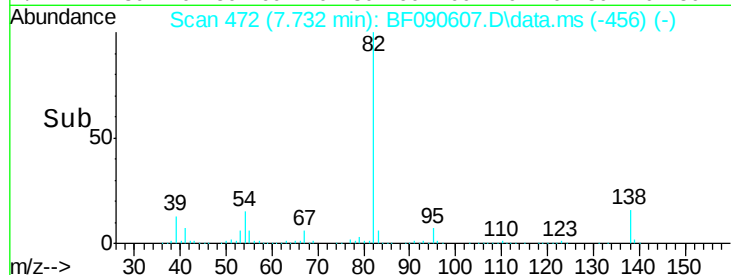
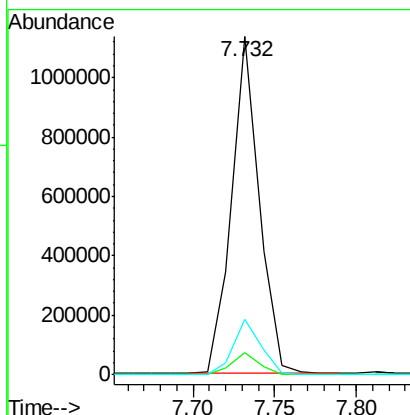
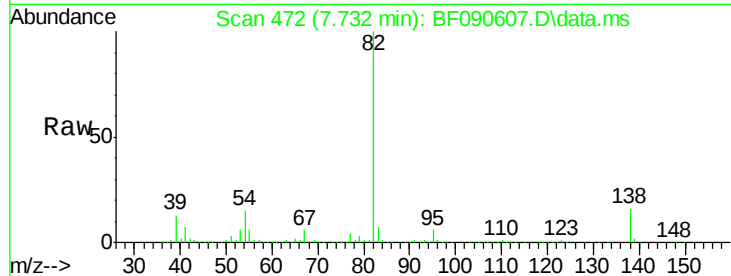
Tot Ion: 82 Resp: 1323519

Ion Ratio Lower Upper

82 100

95 6.5 5.0 7.6

138 16.2 11.5 17.3



#26

2-Nitrophenol

Concen: 52.16 ng

RT: 7.812 min Scan# 479

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

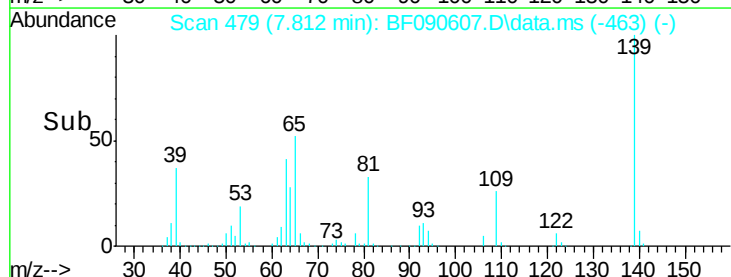
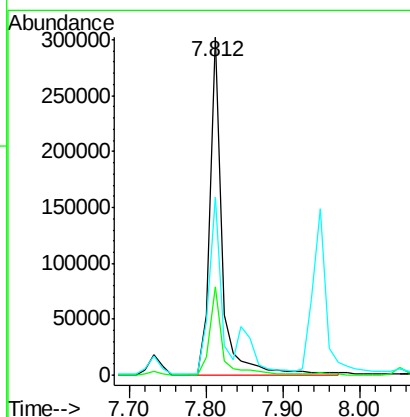
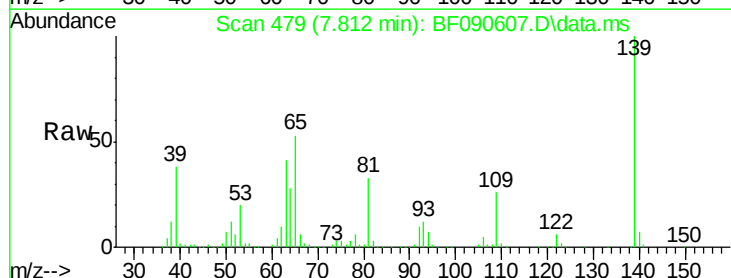
Tgt Ion: 139 Resp: 337684

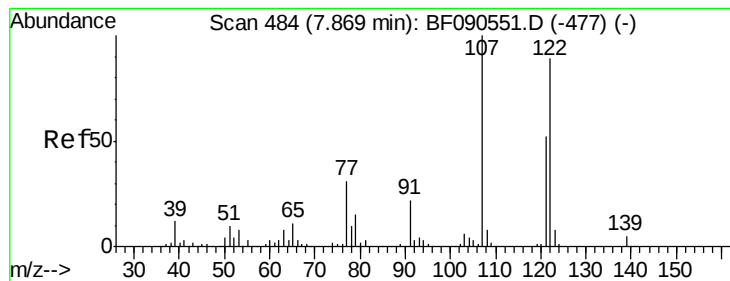
Ion Ratio Lower Upper

139 100

109 26.2 21.8 32.6

65 52.8 47.7 71.5





#27

2,4-Dimethylphenol

Concen: 50.62 ng

RT: 7.857 min Scan# 48

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

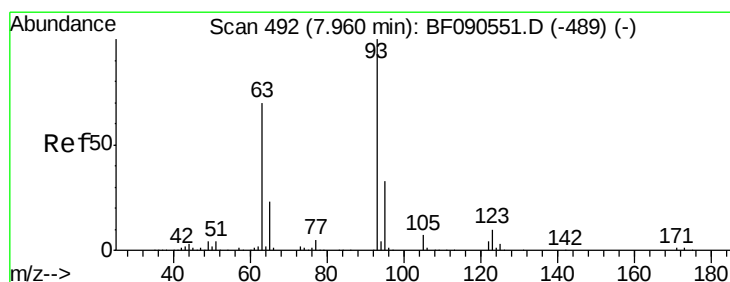
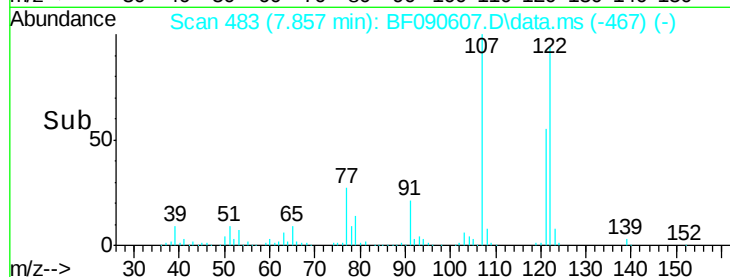
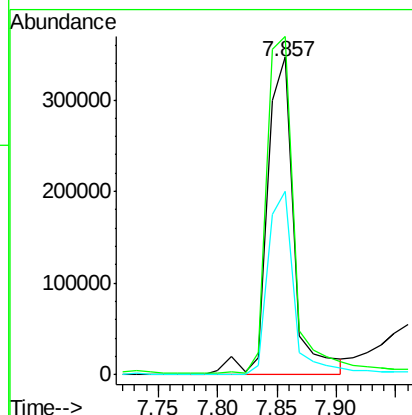
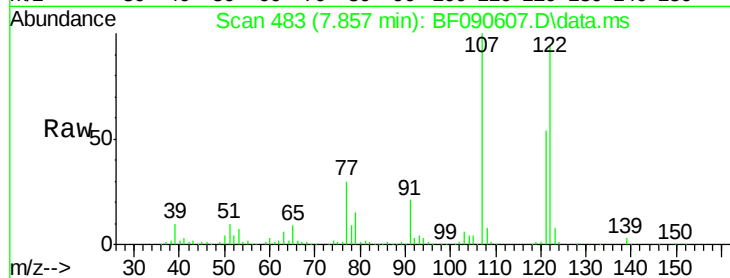
Tot Ion:122 Resp: 543816

Ion Ratio Lower Upper

122 100

107 106.5 89.8 134.6

121 57.9 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 54.89 ng

RT: 7.949 min Scan# 491

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

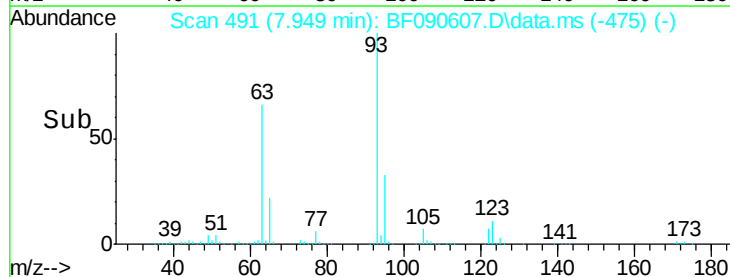
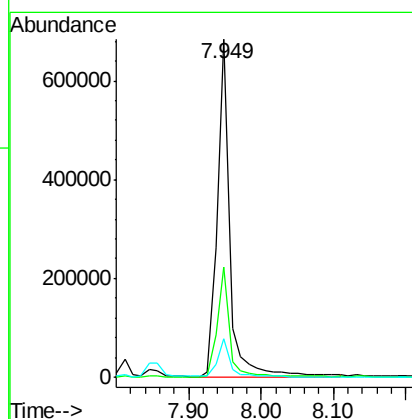
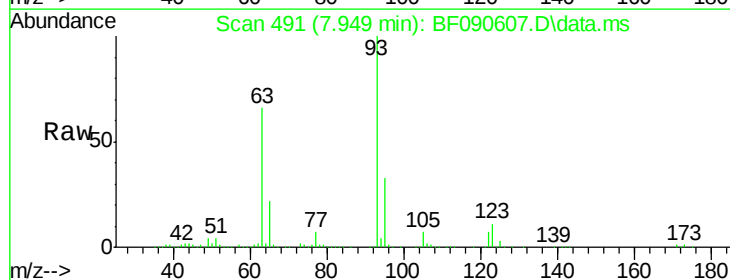
Tgt Ion: 93 Resp: 820270

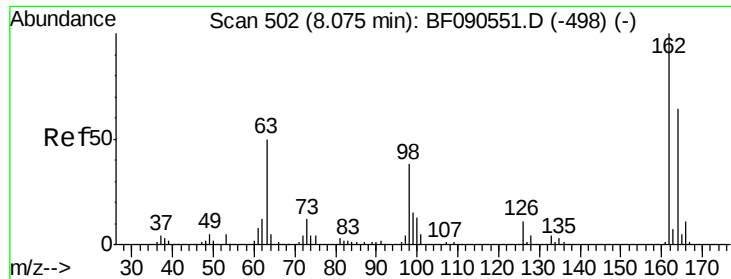
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.2

123 11.3 8.6 13.0

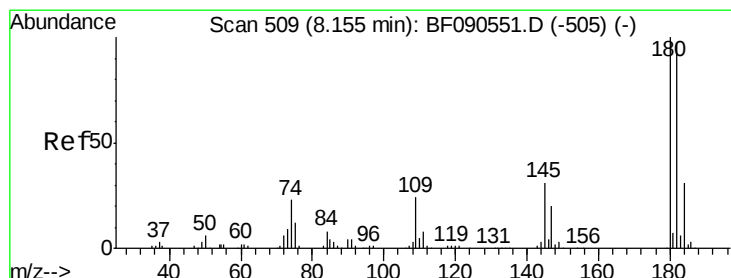
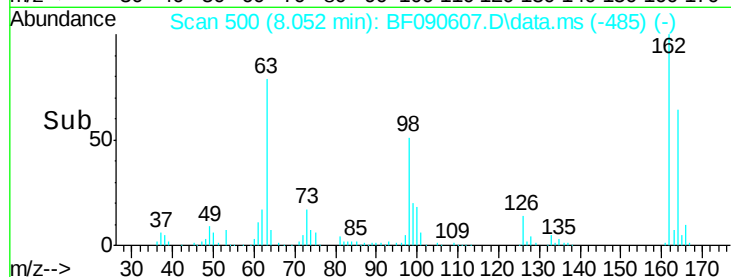
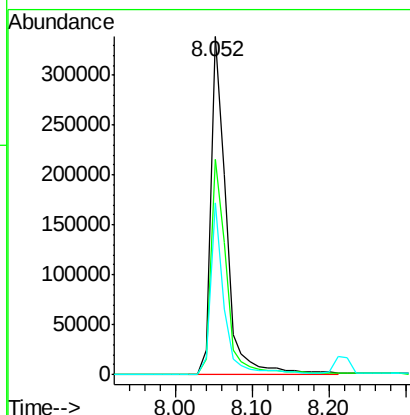
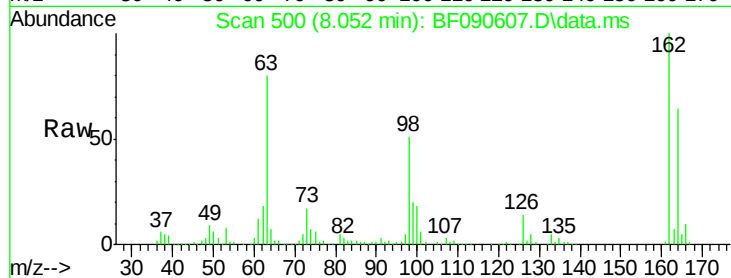




#29
 2,4-Dichlorophenol
 Concen: 49.53 ng
 RT: 8.052 min Scan# 50
 Delta R.T. -0.023 min
 Lab File: BF090607.D
 Acq: 17 Oct 2016 15:05

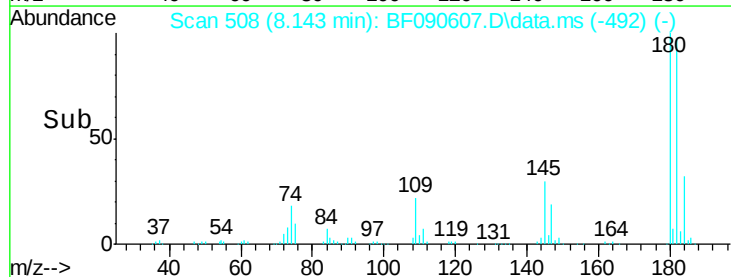
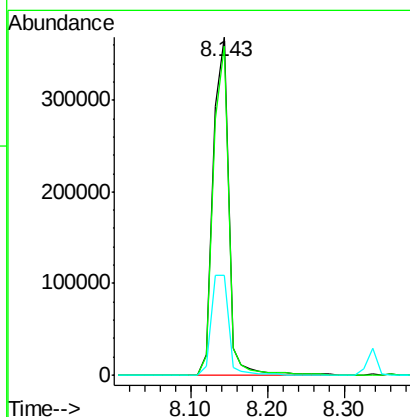
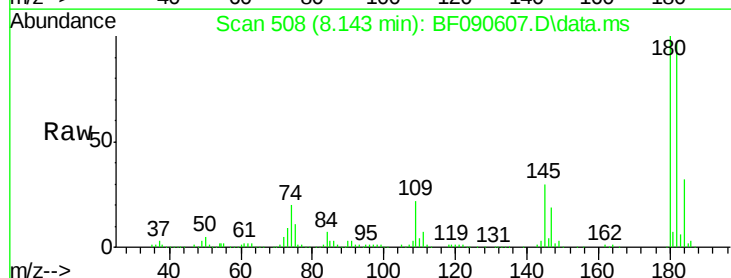
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMS

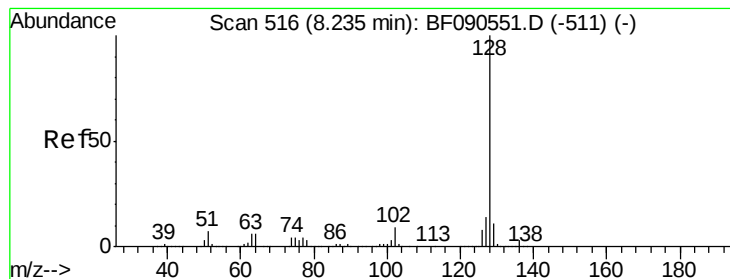
Tot Ion:162 Resp: 466120
 Ion Ratio Lower Upper
 162 100
 164 63.6 44.0 84.0
 98 50.9 18.0 58.0



#30
 1,2,4-Trichlorobenzene
 Concen: 46.94 ng
 RT: 8.143 min Scan# 508
 Delta R.T. -0.011 min
 Lab File: BF090607.D
 Acq: 17 Oct 2016 15:05

Tgt Ion:180 Resp: 517423
 Ion Ratio Lower Upper
 180 100
 182 97.2 77.2 115.8
 145 29.7 24.4 36.6





#31

Naphthalene

Concen: 46.21 ng

RT: 8.223 min Scan# 51

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

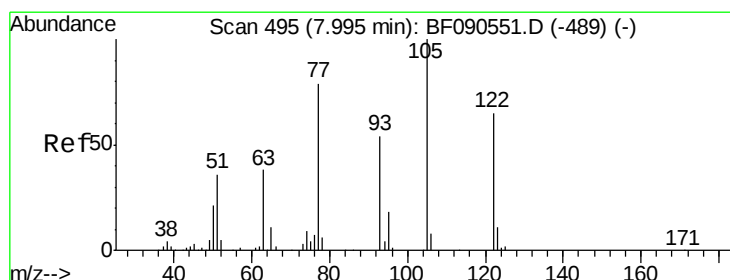
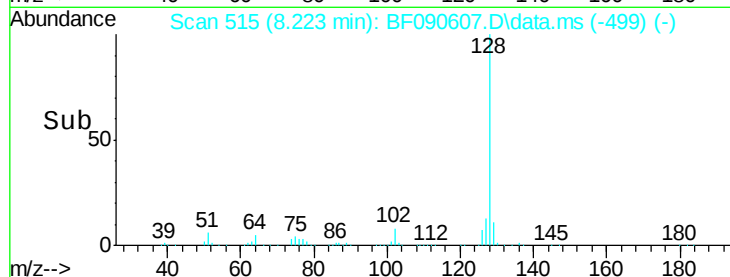
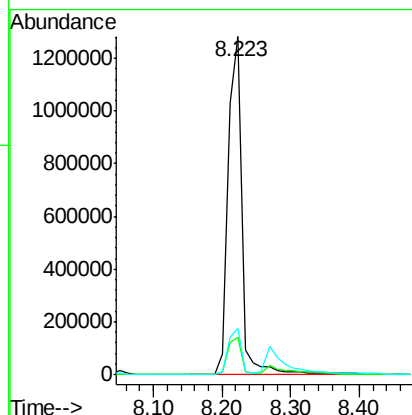
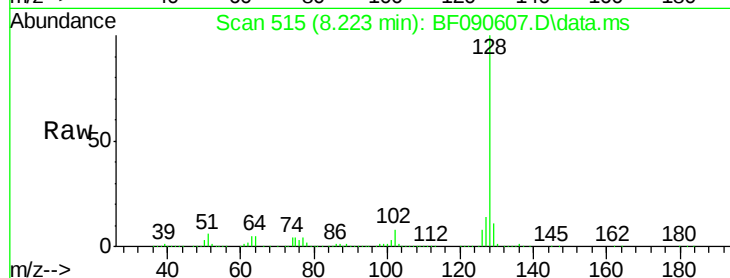
Tot Ion:128 Resp: 1818424

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

127 13.5 10.8 16.2



#32

Benzoic acid

Concen: 22.19 ng

RT: 7.960 min Scan# 492

Delta R.T. -0.034 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

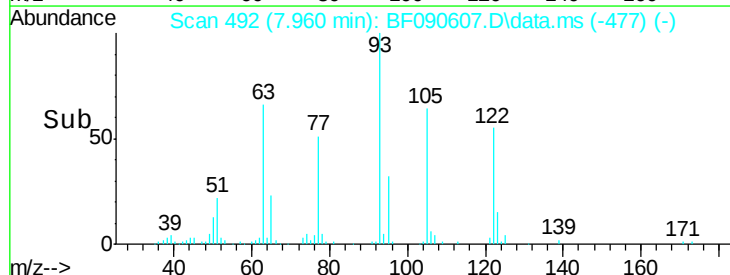
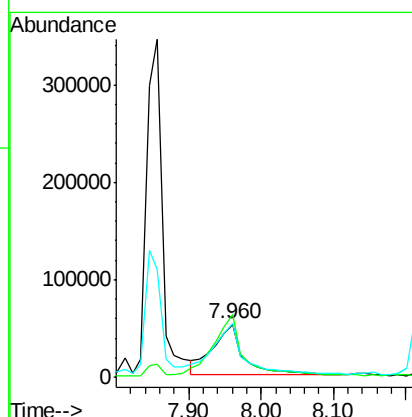
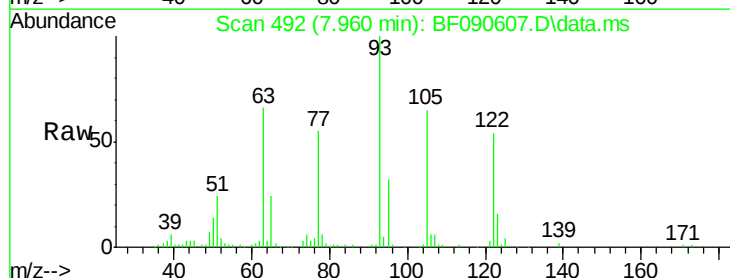
Tgt Ion:122 Resp: 146431

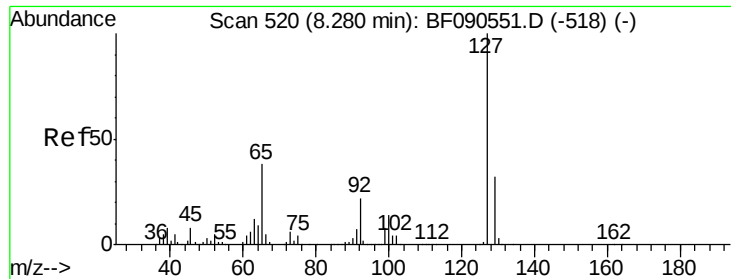
Ion Ratio Lower Upper

122 100

105 119.6 101.1 141.1

77 102.1 84.7 124.7





#33

4-Chloroaniline

Concen: 13.34 ng

RT: 8.269 min Scan# 51

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

Tot Ion:127 Resp: 200691

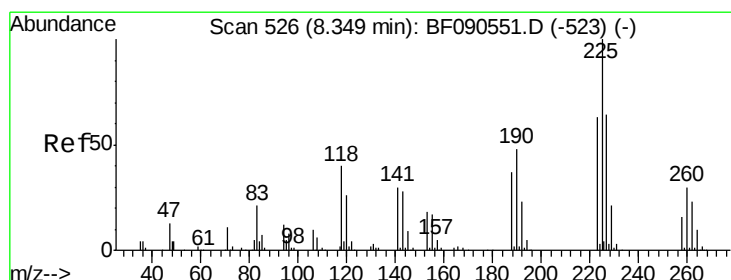
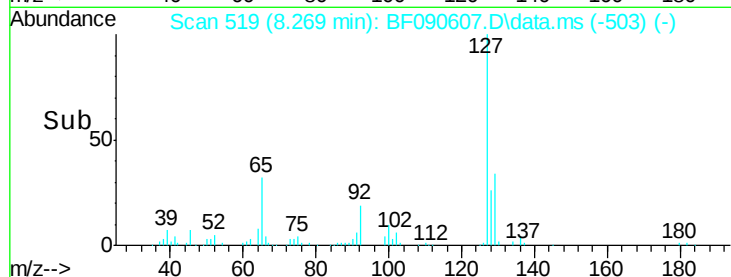
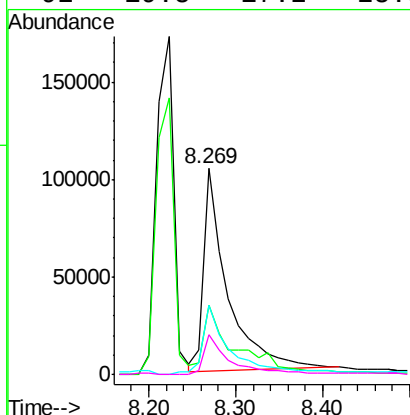
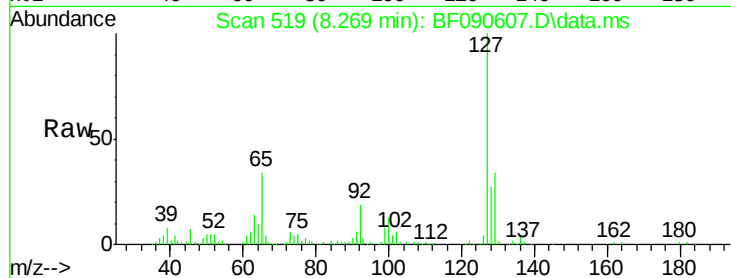
Ion Ratio Lower Upper

127 100

129 33.7 26.2 39.2

65 33.8 30.1 45.1

92 19.5 17.2 25.8



#34

Hexachlorobutadiene

Concen: 48.50 ng

RT: 8.337 min Scan# 525

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

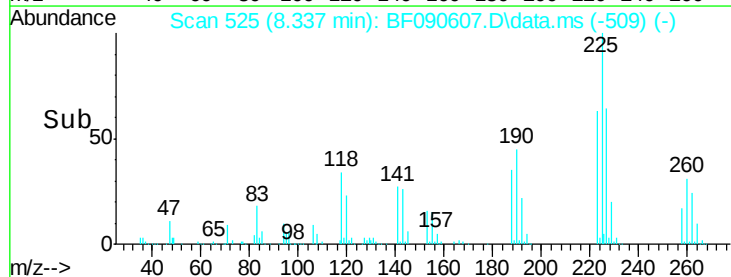
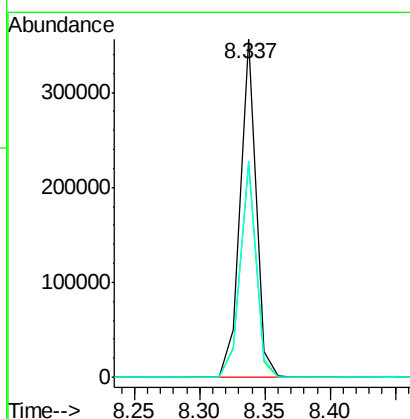
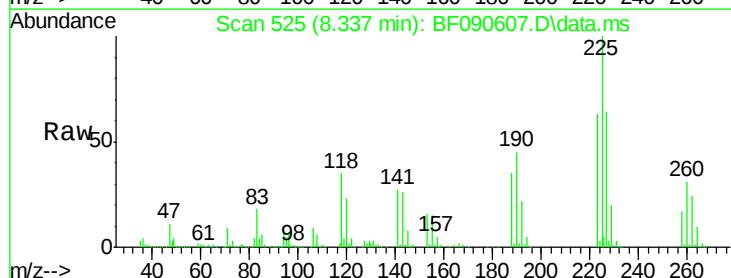
Tgt Ion:225 Resp: 298693

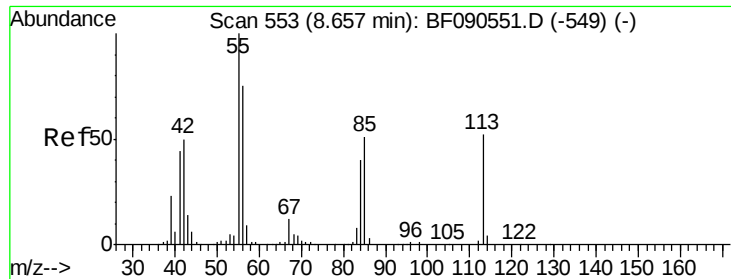
Ion Ratio Lower Upper

225 100

223 63.5 50.6 76.0

227 64.1 51.4 77.2





#35

Caprolactam

Concen: 30.05 ng

RT: 8.635 min Scan# 551

Delta R.T. -0.023 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

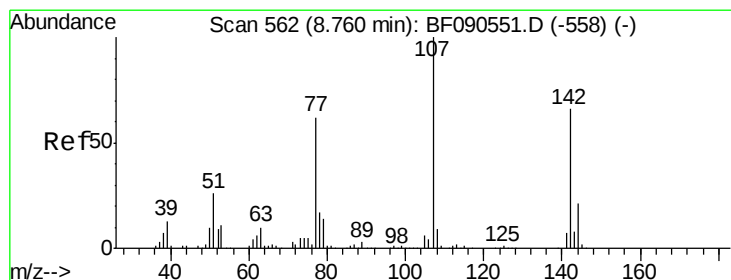
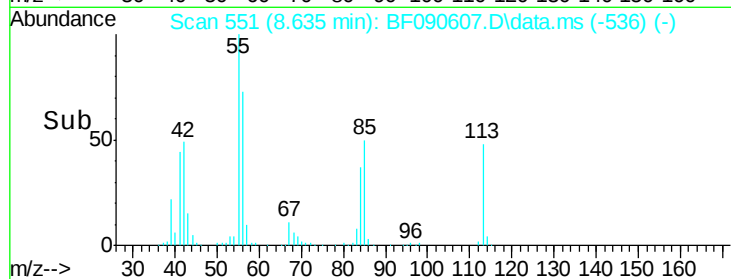
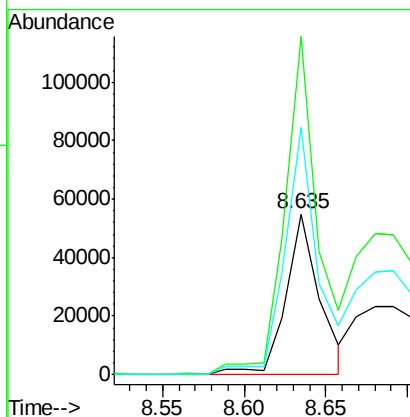
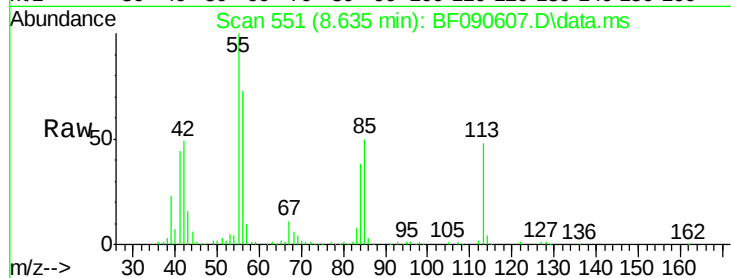
Tot Ion:113 Resp: 78912

Ion Ratio Lower Upper

113 100

55 210.5 170.8 210.8

56 153.7 122.4 162.4



#36

4-Chloro-3-methylphenol

Concen: 52.70 ng

RT: 8.760 min Scan# 562

Delta R.T. -0.000 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

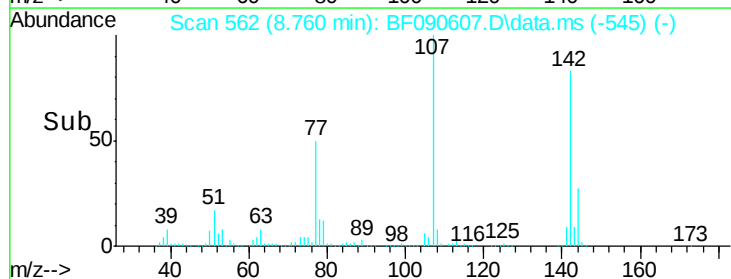
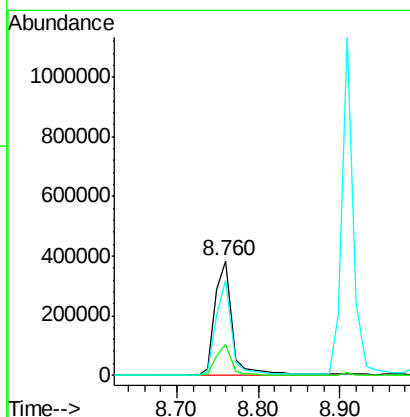
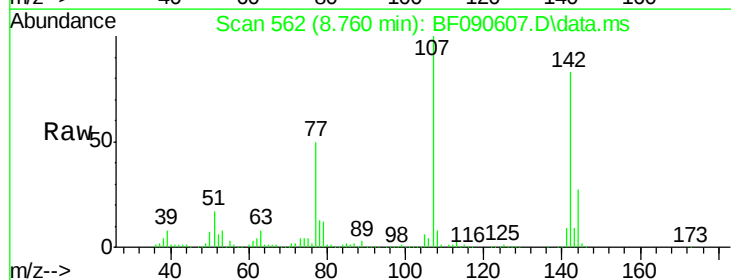
Tgt Ion:107 Resp: 572176

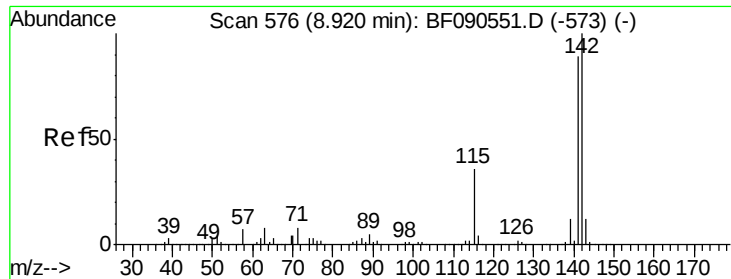
Ion Ratio Lower Upper

107 100

144 27.1 16.9 25.3#

142 82.8 52.5 78.7#

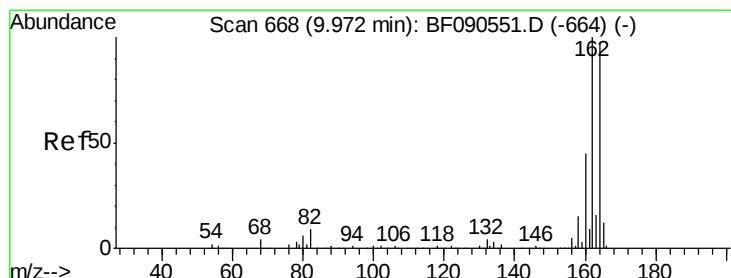
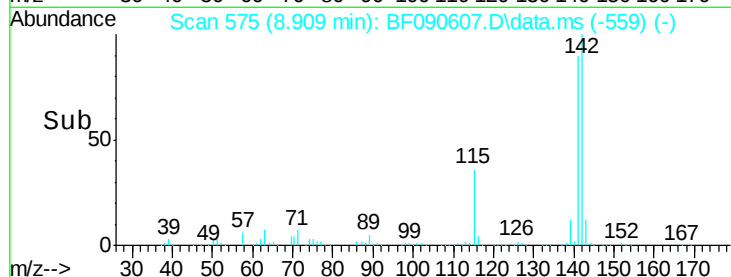
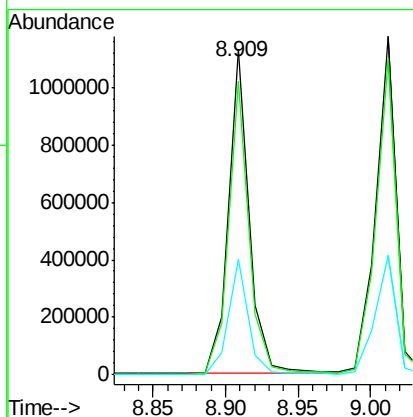
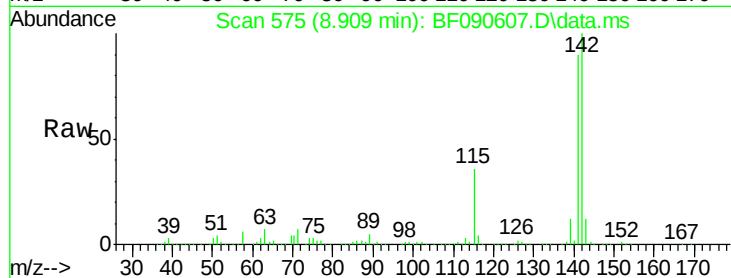




#37
2-Methylnaphthalene
Concen: 48.49 ng
RT: 8.909 min Scan# 57
Delta R.T. -0.011 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

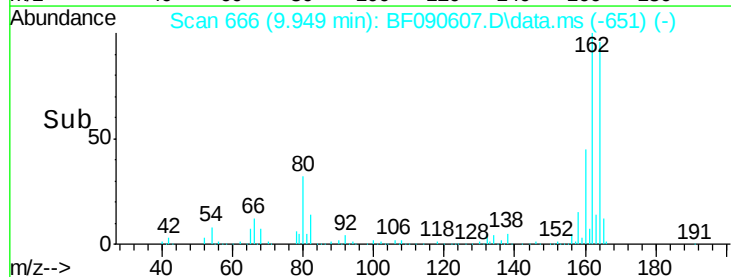
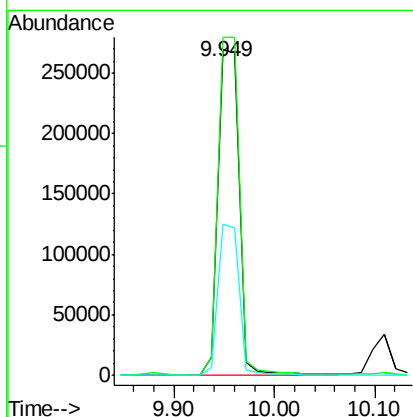
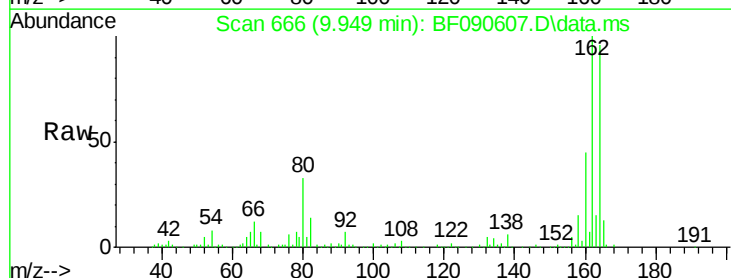
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMS

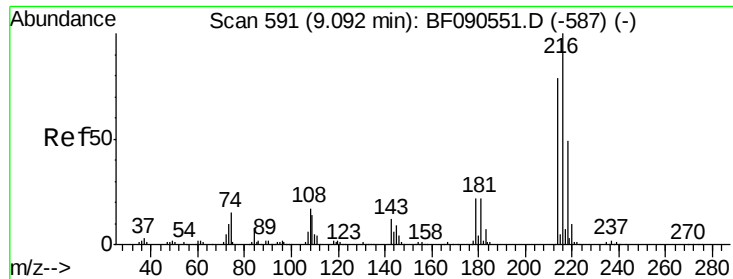
Tot Ion:142 Resp: 1120550
Ion Ratio Lower Upper
142 100
141 90.4 71.3 106.9
115 35.6 28.8 43.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.949 min Scan# 666
Delta R.T. -0.023 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

Tgt Ion:164 Resp: 396465
Ion Ratio Lower Upper
164 100
162 103.7 82.2 123.4
160 46.4 36.6 55.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.56 ng

RT: 9.080 min Scan# 591

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

Tot Ion:216 Resp: 552523

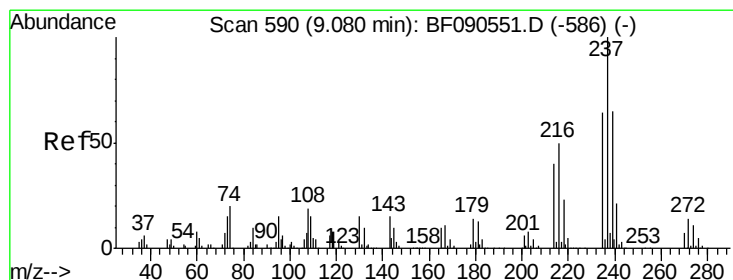
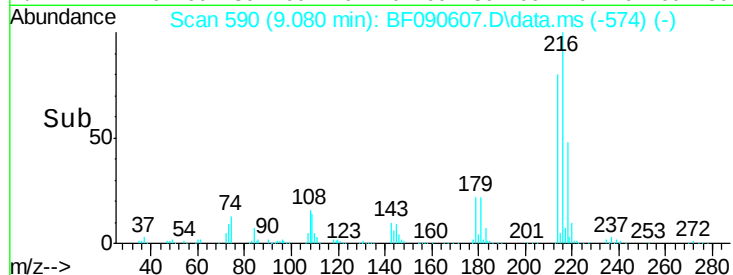
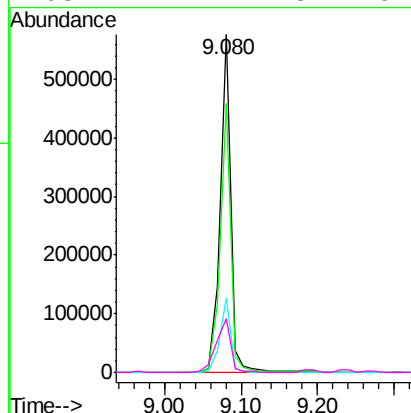
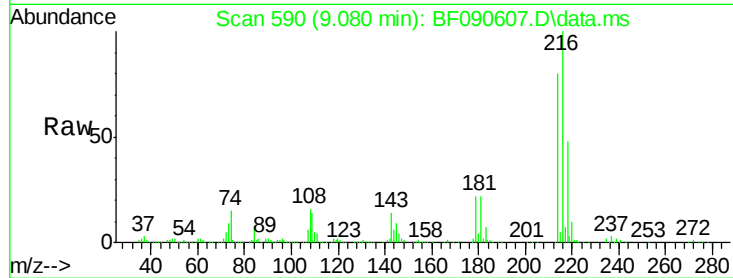
Ion Ratio Lower Upper

216 100

214 79.7 63.5 95.3

179 22.5 18.9 28.3

108 21.4 17.8 26.6



#40

Hexachlorocyclopentadiene

Concen: 121.57 ng

RT: 9.069 min Scan# 589

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

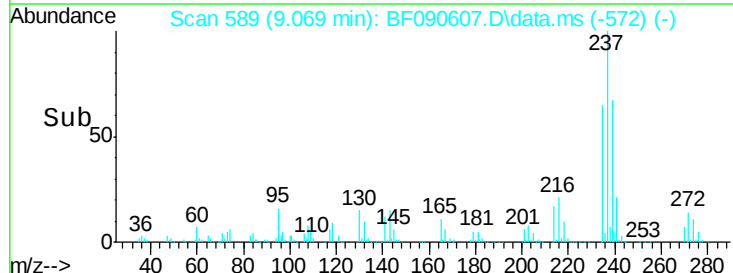
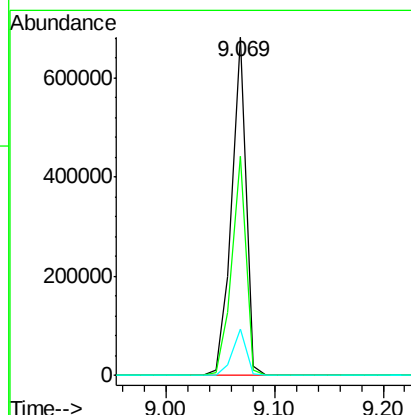
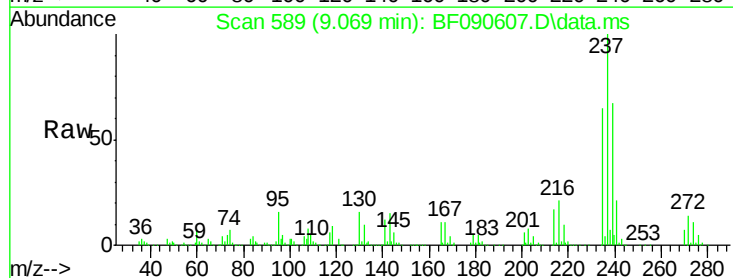
Tgt Ion:237 Resp: 624273

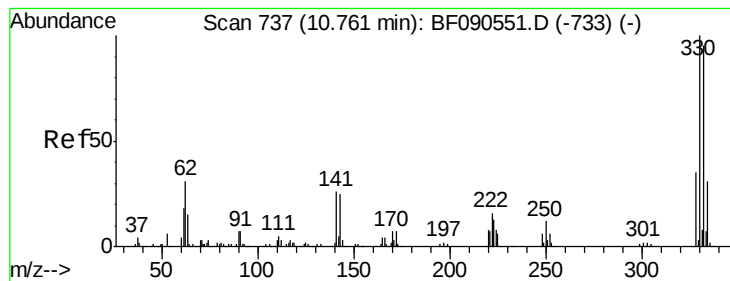
Ion Ratio Lower Upper

237 100

235 64.7 43.8 83.8

272 13.8 0.0 33.7





#41

2,4,6-Tribromophenol

Concen: 164.61 ng

RT: 10.749 min Scan# 73

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

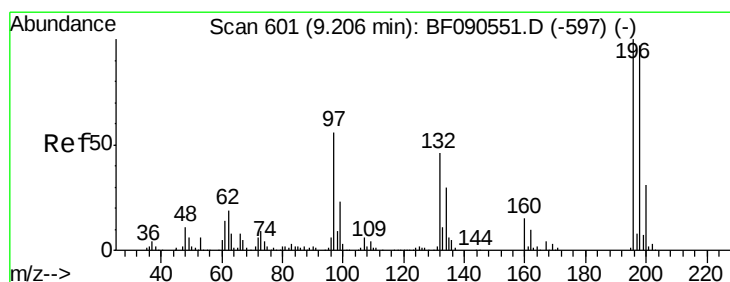
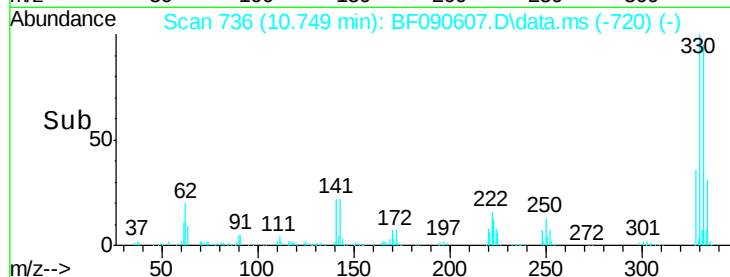
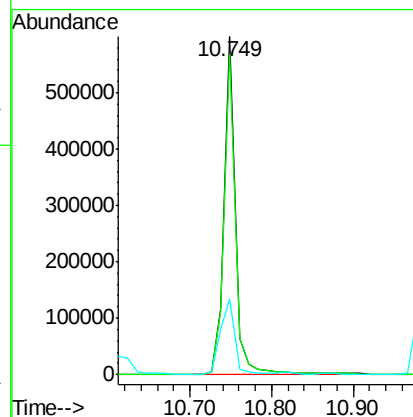
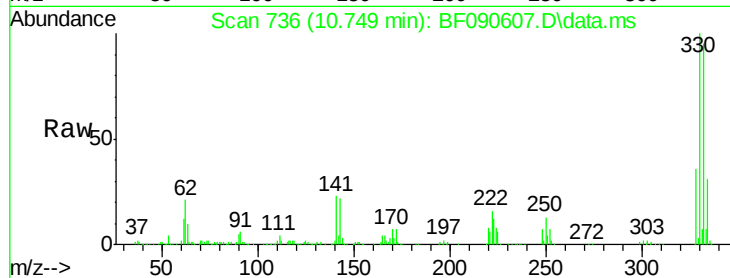
Tot Ion:330 Resp: 581841

Ion Ratio Lower Upper

330 100

332 95.1 76.2 114.2

141 27.8 31.4 47.2#



#42

2,4,6-Trichlorophenol

Concen: 58.44 ng

RT: 9.195 min Scan# 600

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

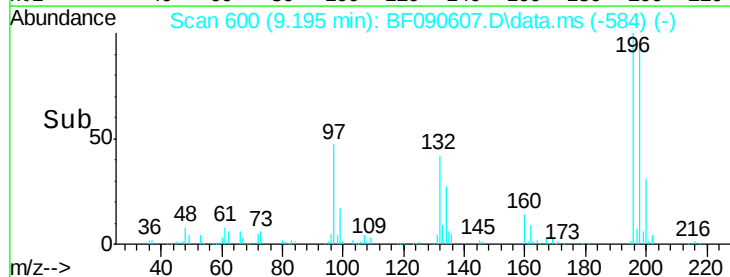
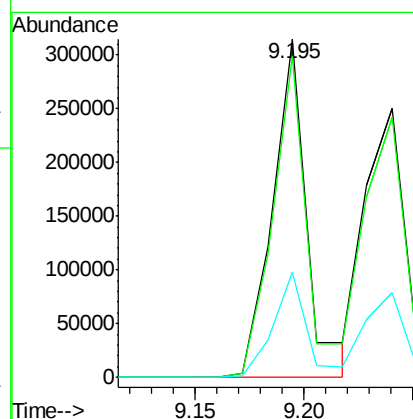
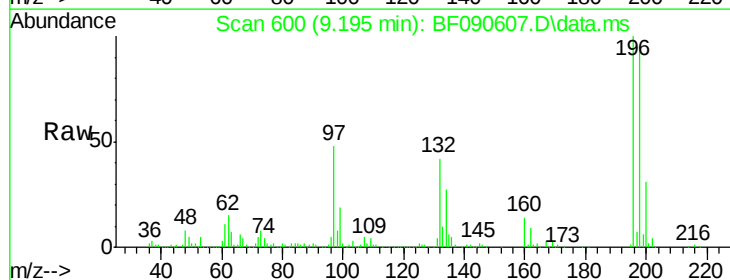
Tgt Ion:196 Resp: 346491

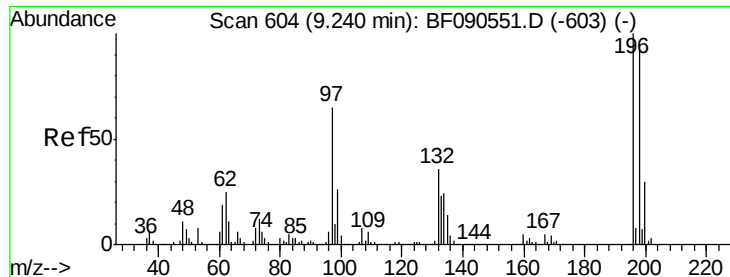
Ion Ratio Lower Upper

196 100

198 95.0 77.9 116.9

200 31.1 25.1 37.7

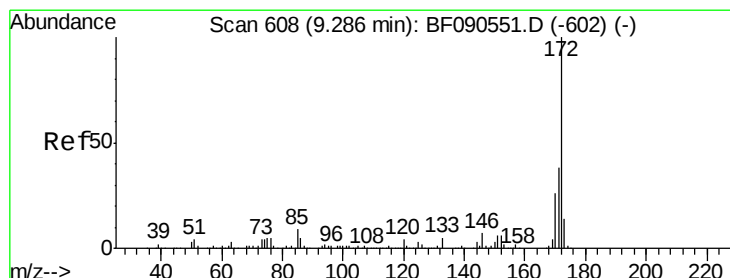
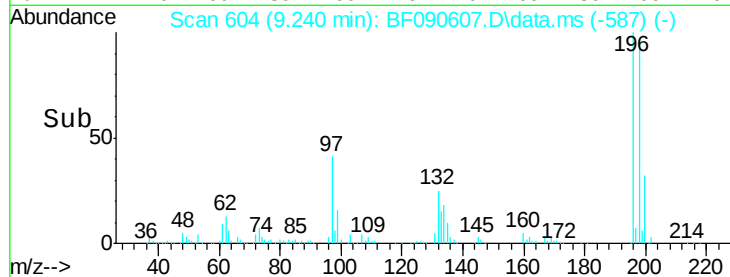
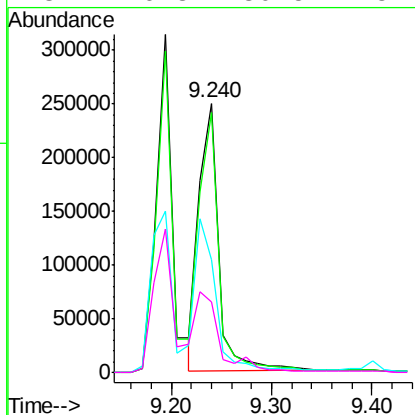
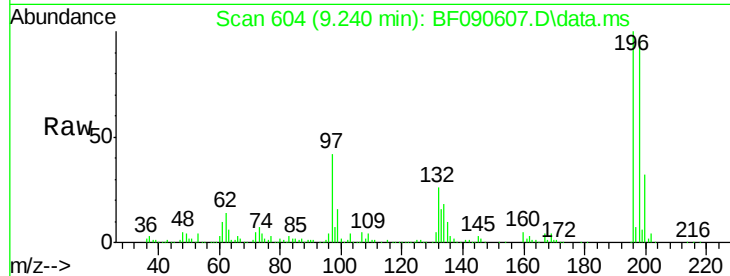




#43
2,4,5-Trichlorophenol
Concen: 49.05 ng
RT: 9.240 min Scan# 607
Delta R.T. -0.000 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

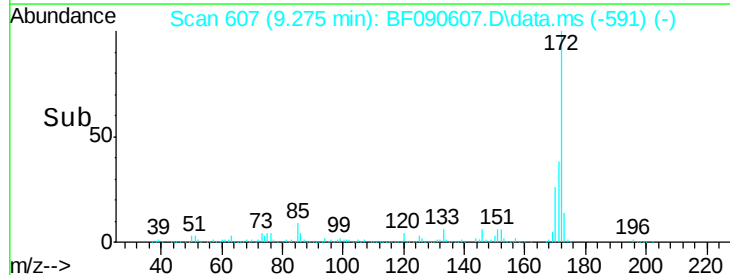
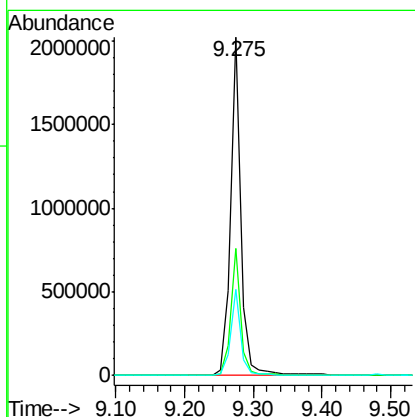
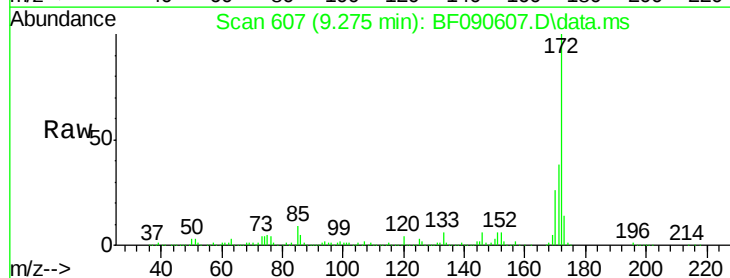
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMS

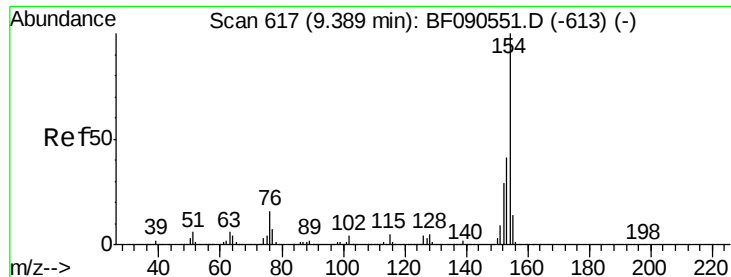
Tot Ion:196 Resp: 346937
Ion Ratio Lower Upper
196 100
198 96.7 74.0 111.0
97 42.0 54.7 82.1#
132 26.3 30.5 45.7#



#44
2-Fluorobiphenyl
Concen: 89.88 ng
RT: 9.275 min Scan# 607
Delta R.T. -0.011 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

Tgt Ion:172 Resp: 2162796
Ion Ratio Lower Upper
172 100
171 37.6 30.1 45.1
170 25.6 20.6 30.8

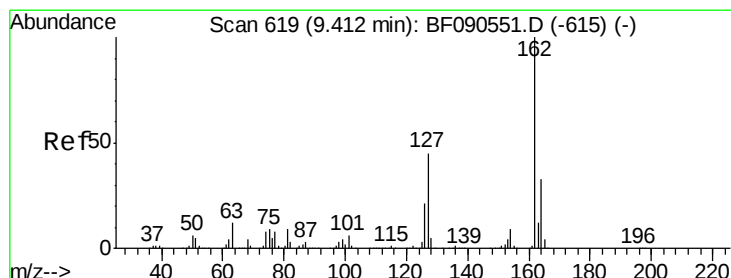
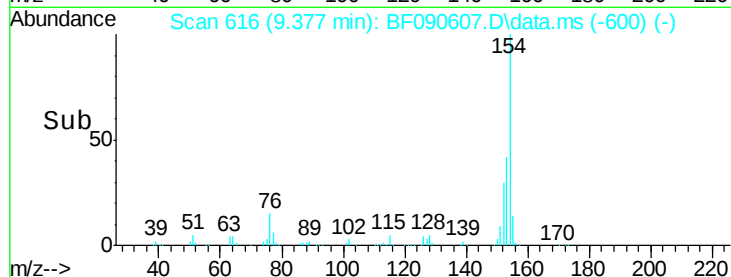
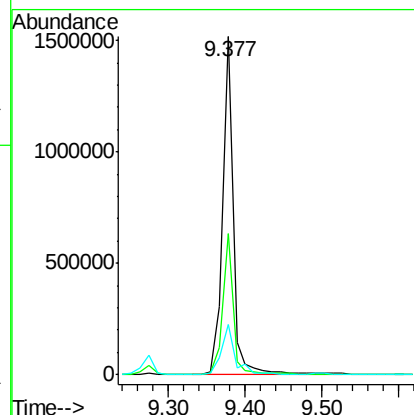
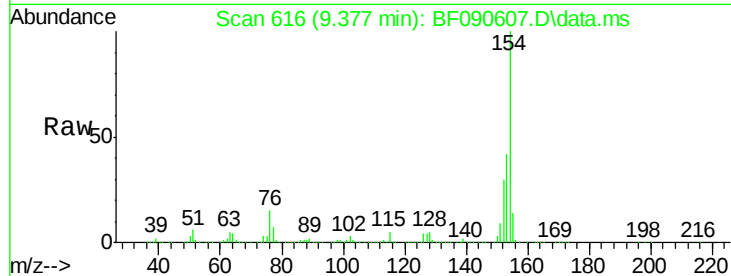




#45
 1,1'-Biphenyl
 Concen: 48.68 ng
 RT: 9.377 min Scan# 61
 Delta R.T. -0.011 min
 Lab File: BF090607.D
 Acq: 17 Oct 2016 15:05

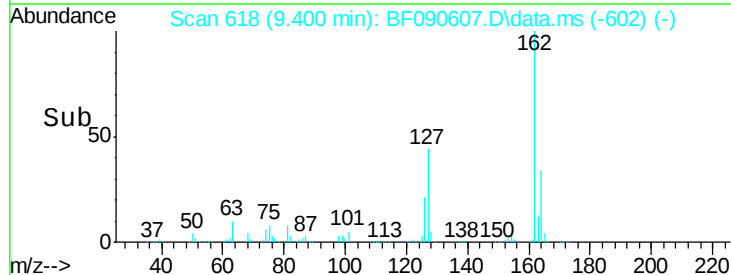
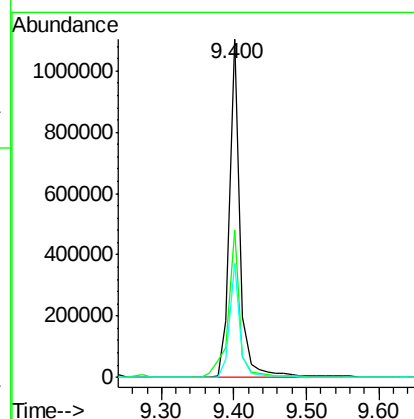
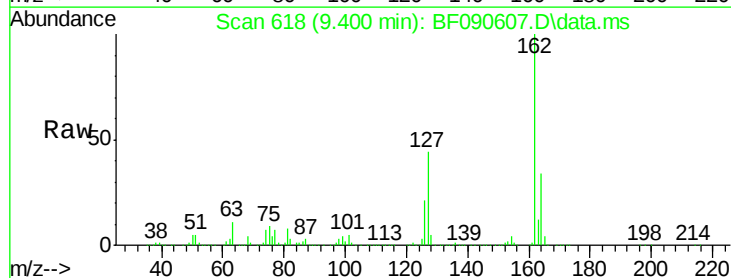
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMS

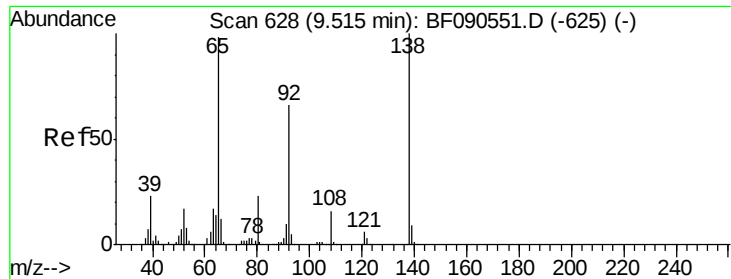
Tot Ion:154 Resp: 1468819
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.5 61.5
 76 15.0 0.0 36.0



#46
 2-Chloronaphthalene
 Concen: 49.84 ng
 RT: 9.400 min Scan# 618
 Delta R.T. -0.011 min
 Lab File: BF090607.D
 Acq: 17 Oct 2016 15:05

Tgt Ion:162 Resp: 1121168
 Ion Ratio Lower Upper
 162 100
 127 43.8 35.9 53.9
 164 33.6 26.7 40.1

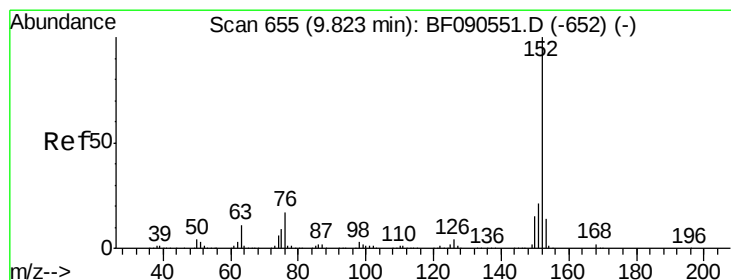
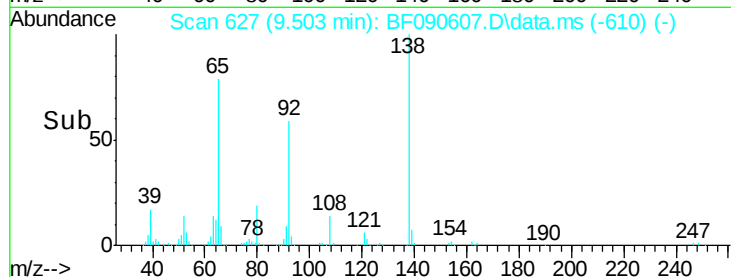
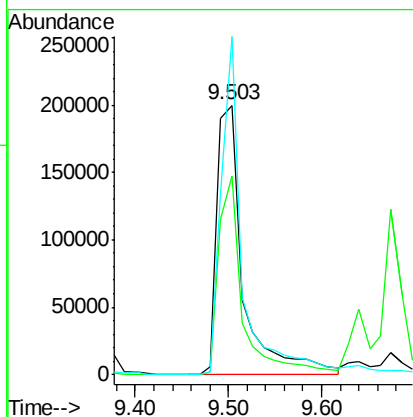
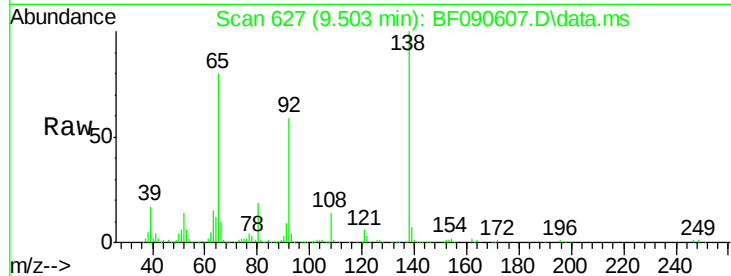




#47
2-Nitroaniline
Concen: 47.89 ng
RT: 9.503 min Scan# 62
Delta R.T. -0.011 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

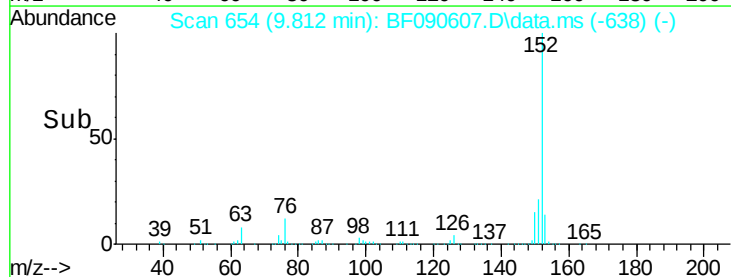
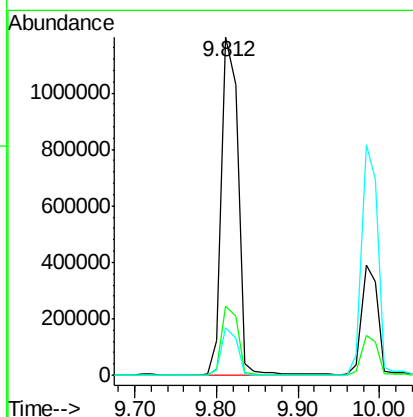
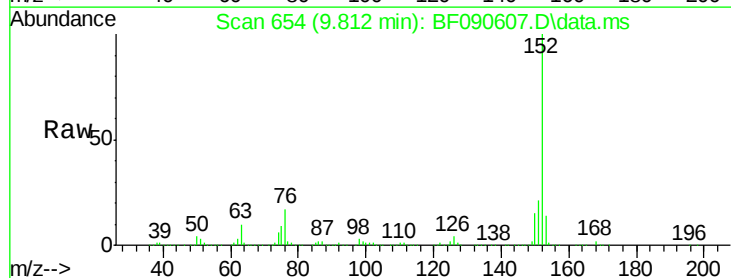
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMS

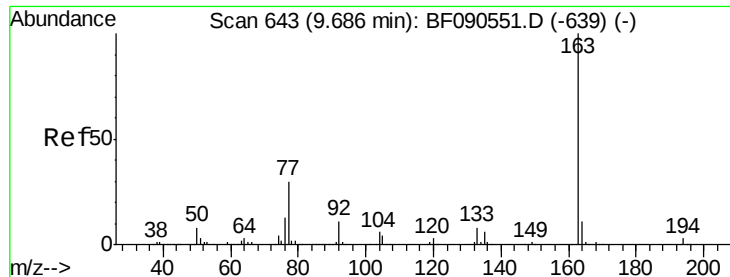
Tot Ion: 65 Resp: 390516
Ion Ratio Lower Upper
65 100
92 73.8 54.3 81.5
138 125.6 81.7 122.5#



#48
Acenaphthylene
Concen: 46.90 ng
RT: 9.812 min Scan# 654
Delta R.T. -0.011 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

Tgt Ion: 152 Resp: 1679991
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0
153 14.0 11.3 16.9





#49

Dimethylphthalate

Concen: 57.67 ng

RT: 9.675 min Scan# 64

Delta R.T. -0.012 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

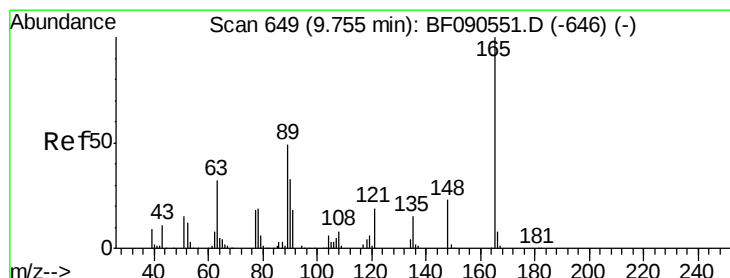
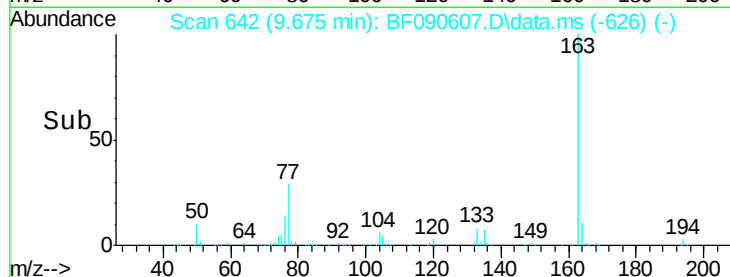
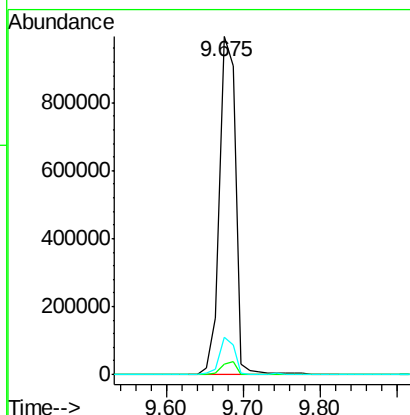
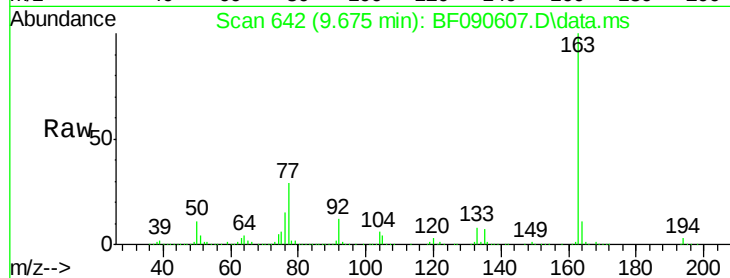
Tot Ion:163 Resp: 1483519

Ion Ratio Lower Upper

163 100

194 3.1 2.3 3.5

164 11.0 8.6 13.0



#50

2,6-Dinitrotoluene

Concen: 55.09 ng

RT: 9.743 min Scan# 648

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

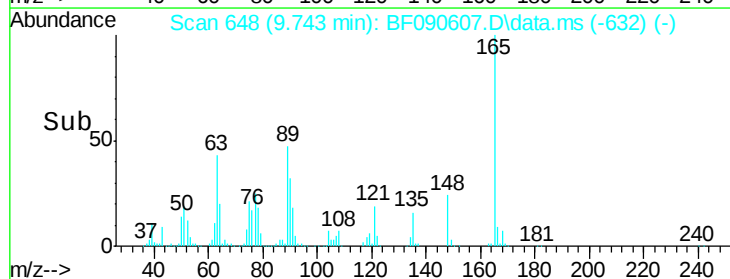
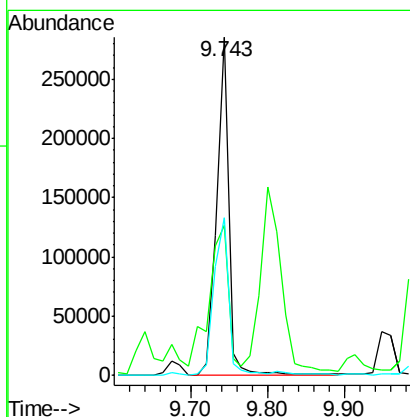
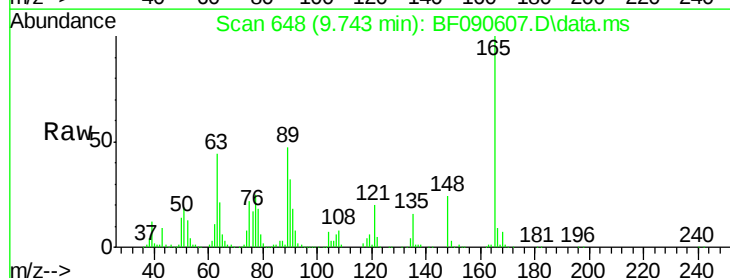
Tgt Ion:165 Resp: 310072

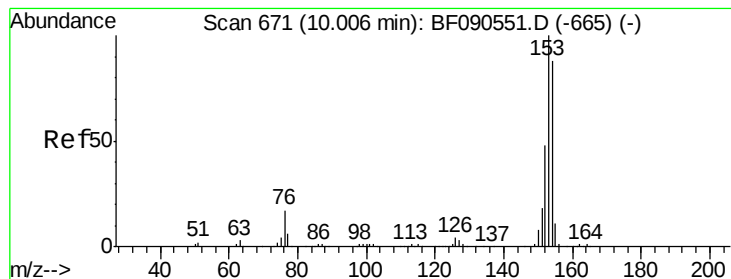
Ion Ratio Lower Upper

165 100

63 44.4 40.1 60.1

89 46.5 39.5 59.3





#51

Acenaphthene

Concen: 48.58 ng

RT: 9.983 min Scan# 66

Delta R.T. -0.023 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

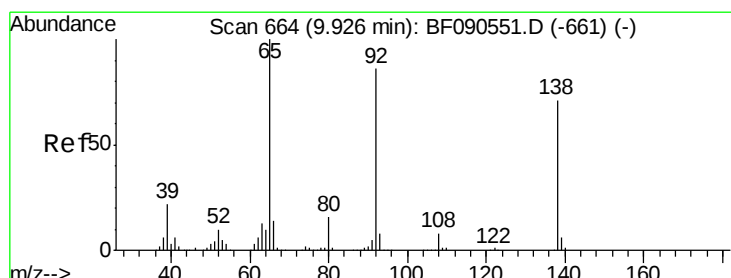
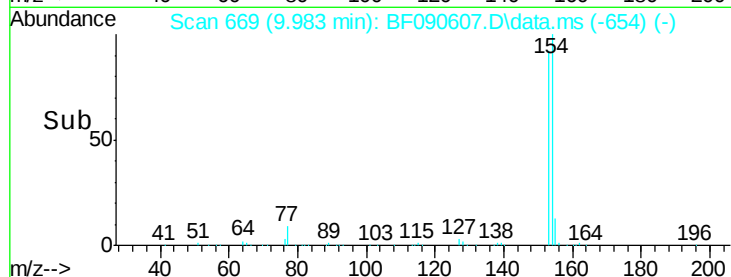
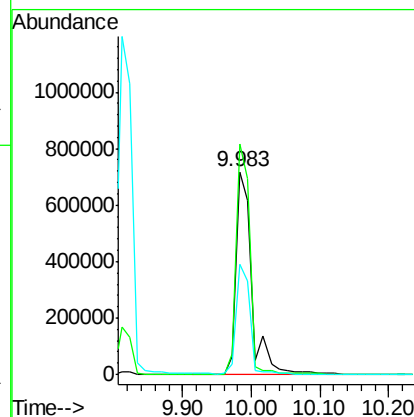
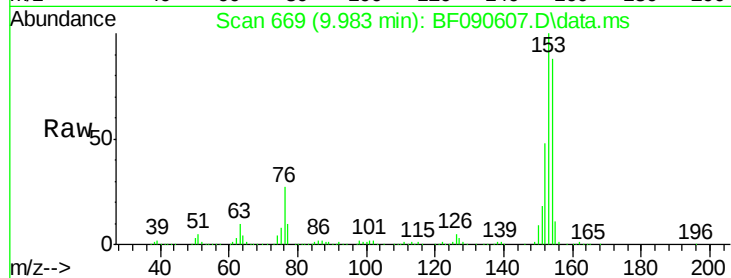
Tot Ion:154 Resp: 1156545

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

152 54.4 44.0 66.0



#52

3-Nitroaniline

Concen: 23.96 ng

RT: 9.915 min Scan# 663

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

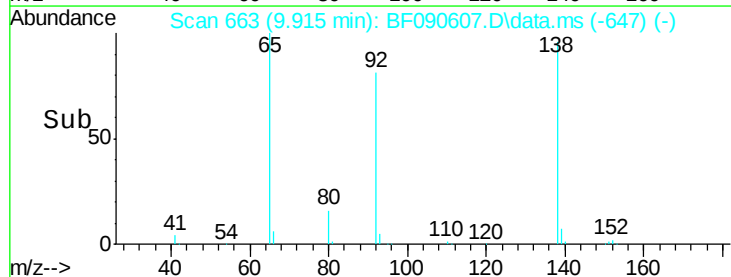
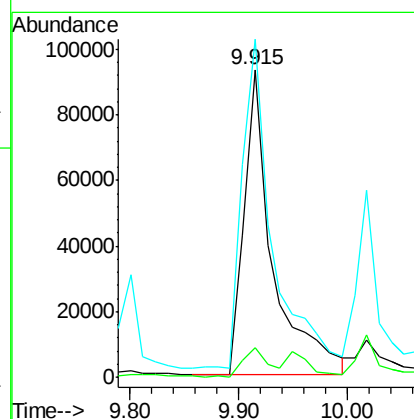
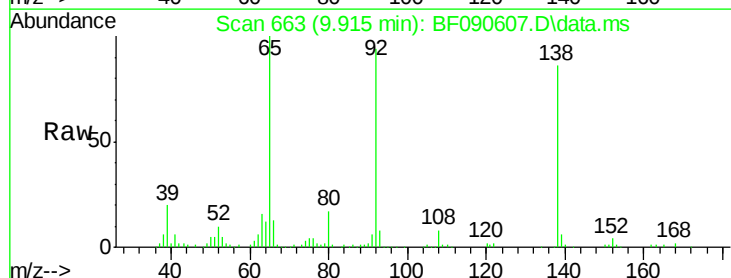
Tgt Ion:138 Resp: 169242

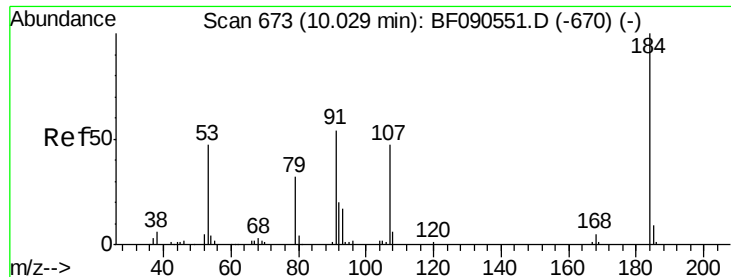
Ion Ratio Lower Upper

138 100

108 9.4 8.6 12.8

92 110.0 97.8 146.8

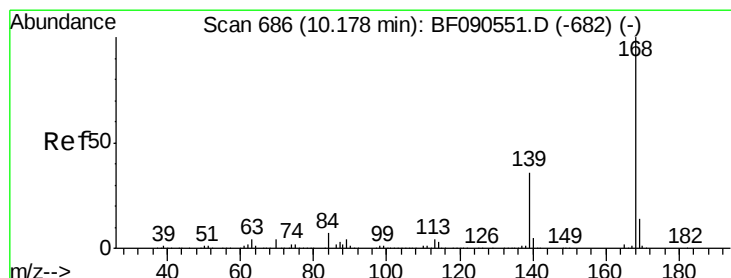
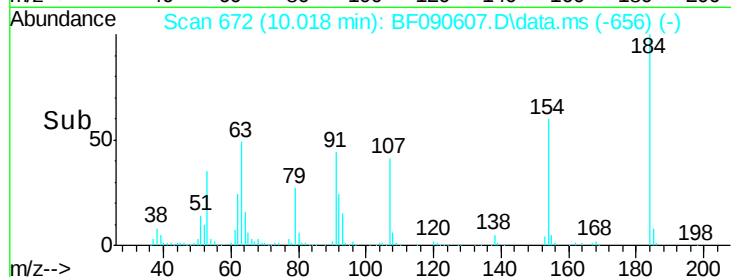
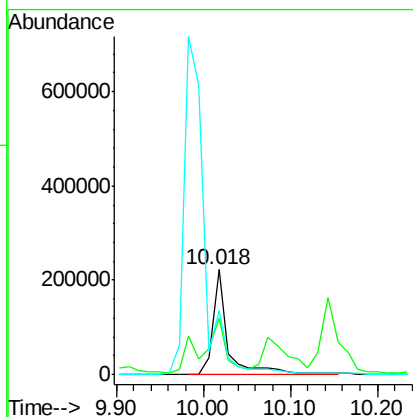
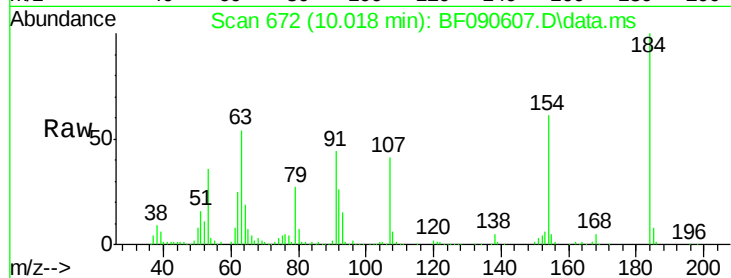




#53
 2,4-Dinitrophenol
 Concen: 88.12 ng
 RT: 10.018 min Scan# 67
 Delta R.T. -0.011 min
 Lab File: BF090607.D
 Acq: 17 Oct 2016 15:05

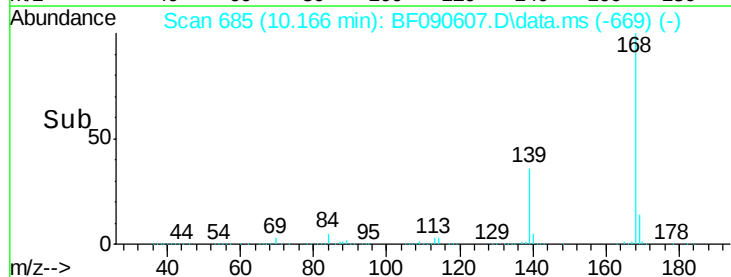
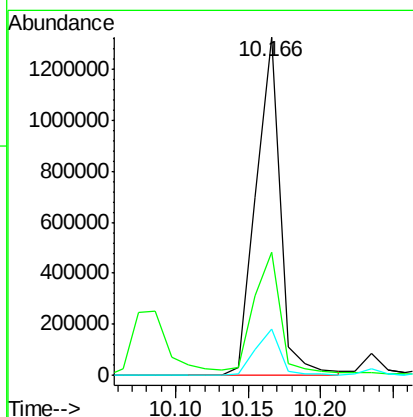
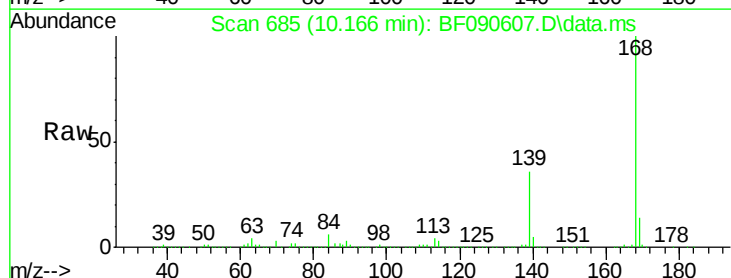
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMS

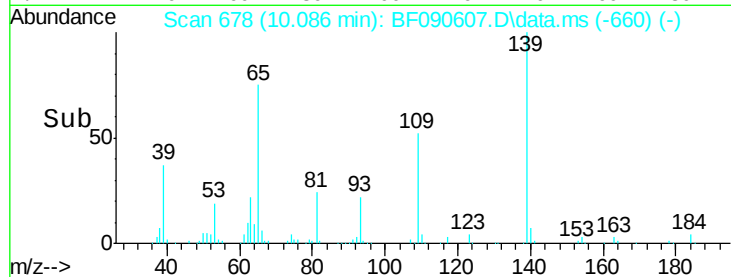
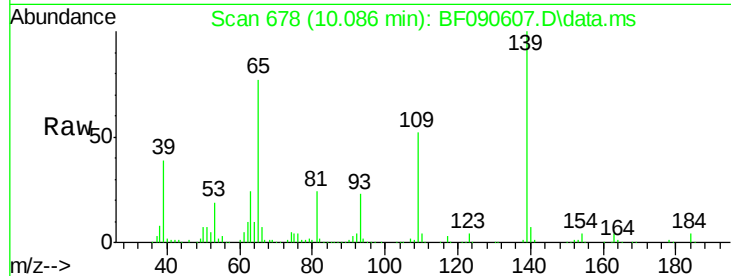
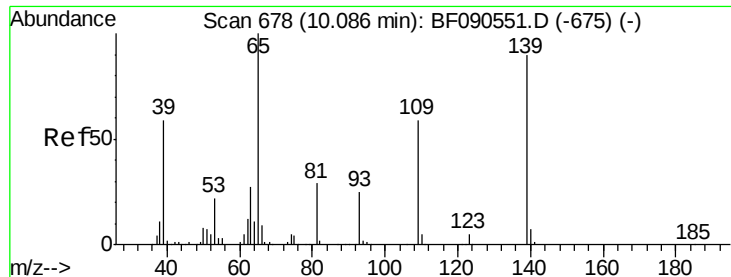
Tot Ion:184 Resp: 271175
 Ion Ratio Lower Upper
 184 100
 63 53.7 60.2 90.2#
 154 60.5 86.1 129.1#



#54
 Dibenzofuran
 Concen: 49.28 ng
 RT: 10.166 min Scan# 685
 Delta R.T. -0.011 min
 Lab File: BF090607.D
 Acq: 17 Oct 2016 15:05

Tgt Ion:168 Resp: 1543460
 Ion Ratio Lower Upper
 168 100
 139 36.4 30.5 45.7
 169 13.6 10.9 16.3

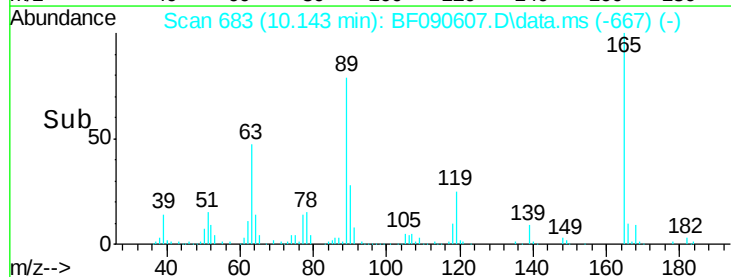
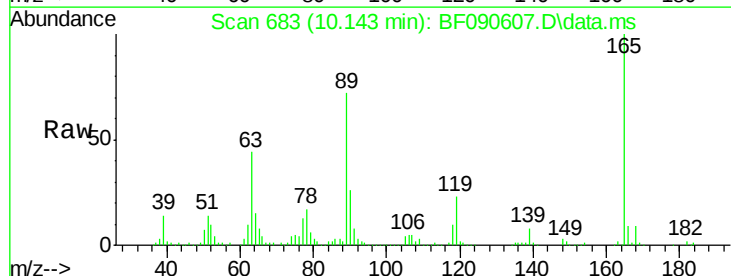
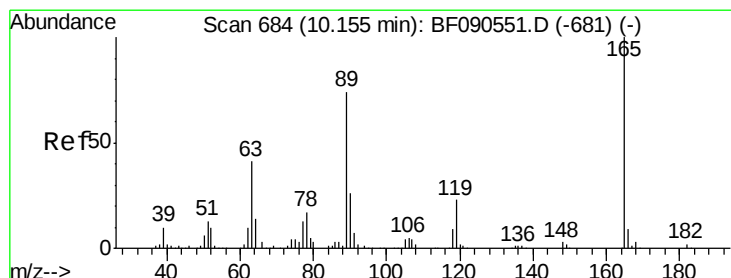
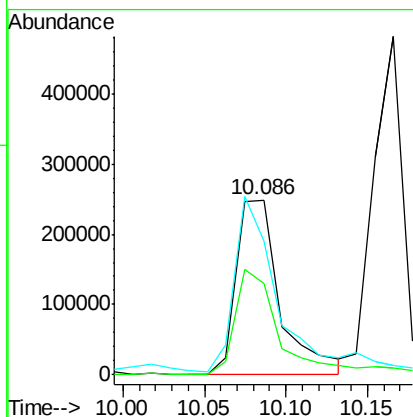




#55
4-Nitrophenol
Concen: 109.31 ng
RT: 10.086 min Scan# 67
Delta R.T. 0.000 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

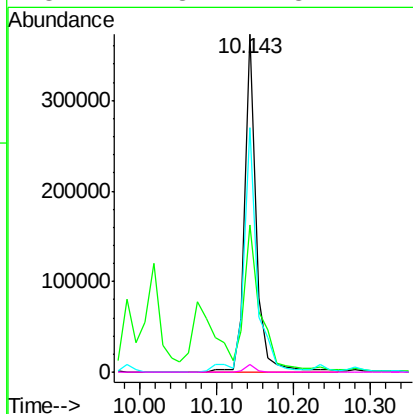
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMS

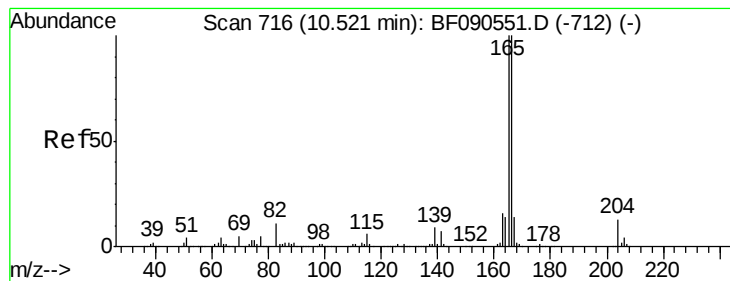
Tot Ion	Ratio	Lower	Upper
139	100		
109	51.7	45.9	85.9
65	76.5	95.8	135.8



#56
2,4-Dinitrotoluene
Concen: 50.96 ng
RT: 10.143 min Scan# 683
Delta R.T. -0.011 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.7	35.4	53.0
89	72.5	59.0	88.4
182	2.3	1.8	2.6





#57

Fluorene

Concen: 42.90 ng

RT: 10.509 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

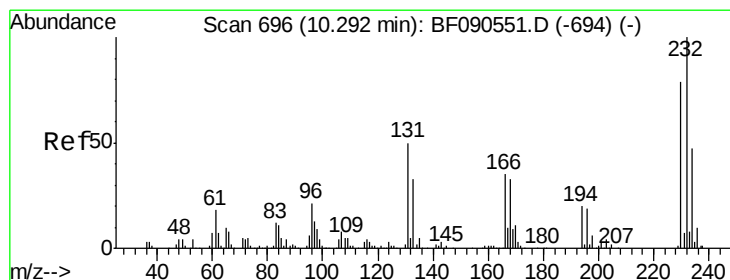
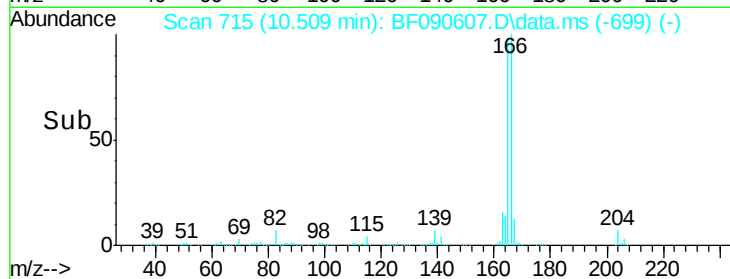
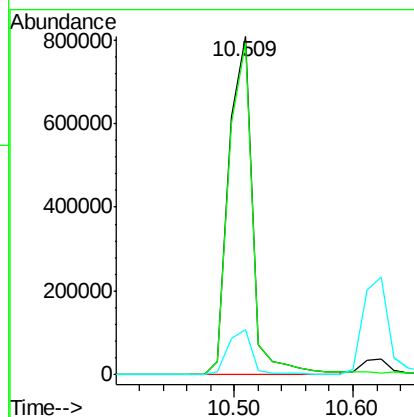
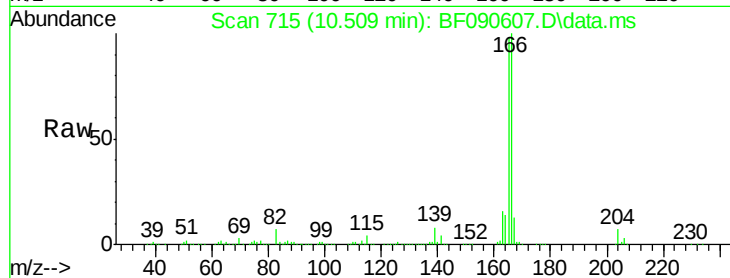
Tot Ion:166 Resp: 1108163

Ion Ratio Lower Upper

166 100

165 98.0 79.9 119.9

167 13.1 10.9 16.3



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.61 ng

RT: 10.280 min Scan# 695

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

Tgt Ion:232 Resp: 327604

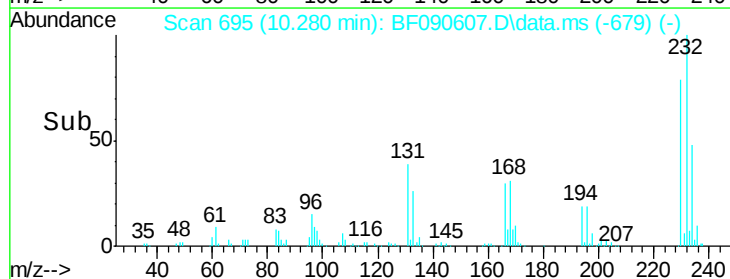
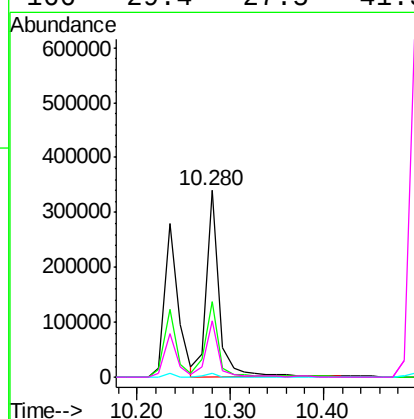
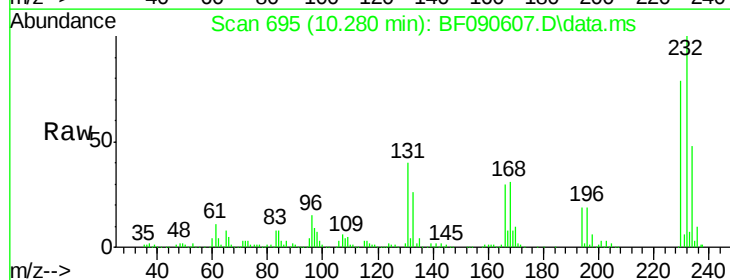
Ion Ratio Lower Upper

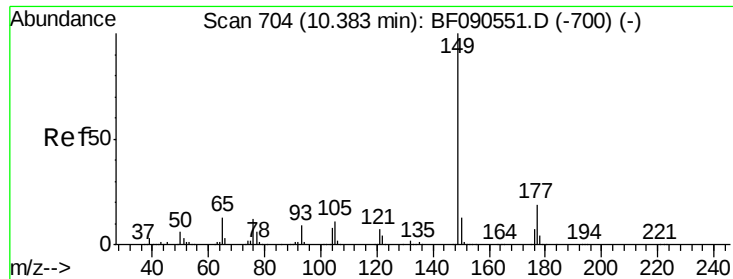
232 100

131 40.2 42.6 64.0#

130 1.8 1.8 2.8#

166 29.4 27.5 41.3

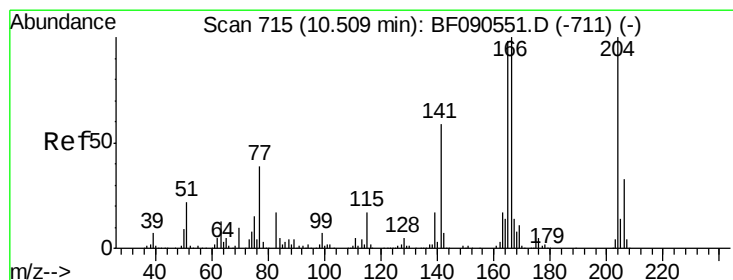
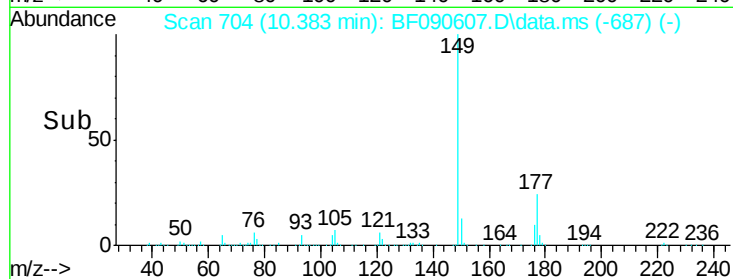
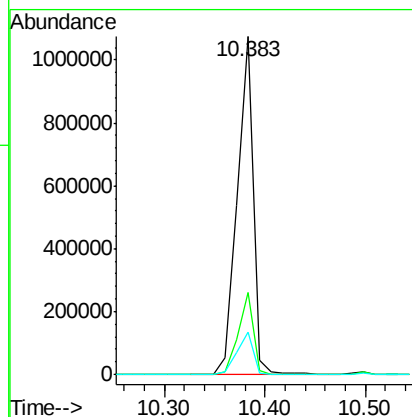
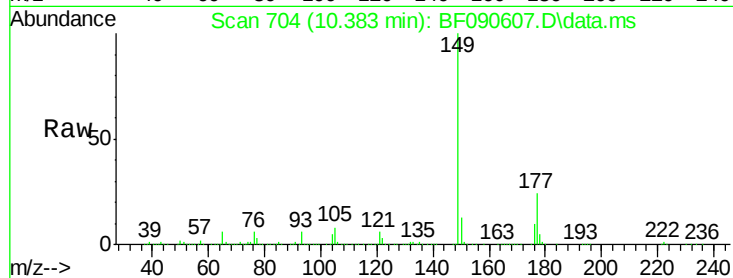




#59
Diethylphthalate
Concen: 45.72 ng
RT: 10.383 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

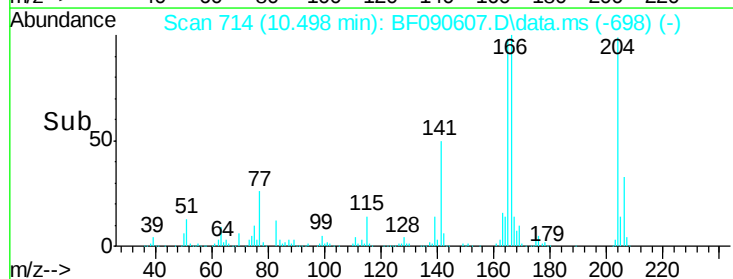
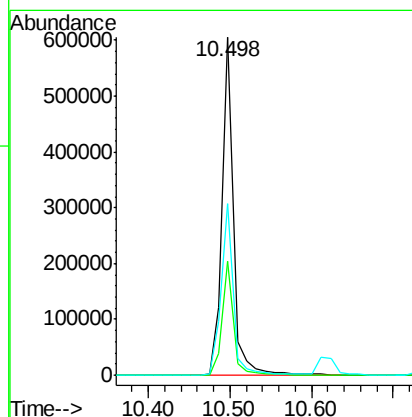
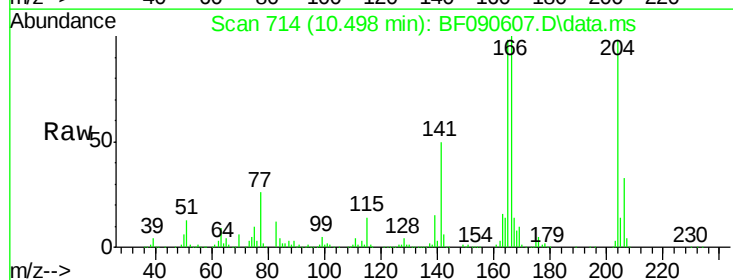
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMS

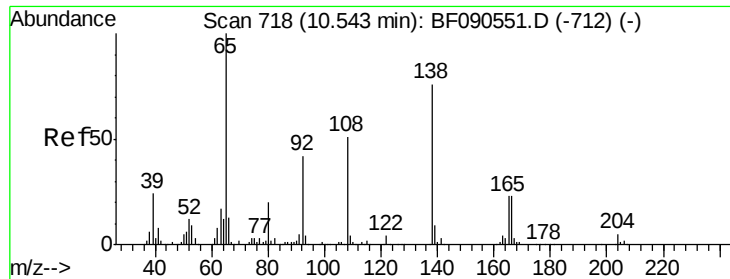
Tot Ion:149 Resp: 1192770
Ion Ratio Lower Upper
149 100
177 24.4 15.3 22.9#
150 12.7 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 47.99 ng
RT: 10.498 min Scan# 714
Delta R.T. -0.011 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

Tgt Ion:204 Resp: 584374
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 50.7 47.2 70.8

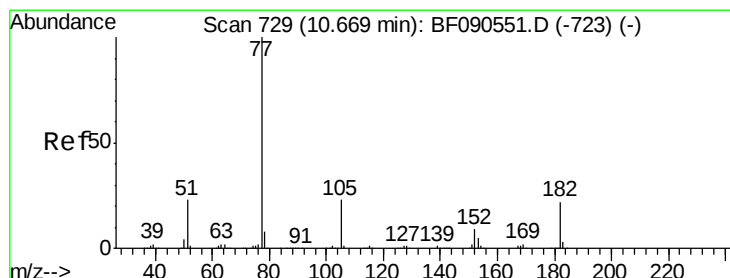
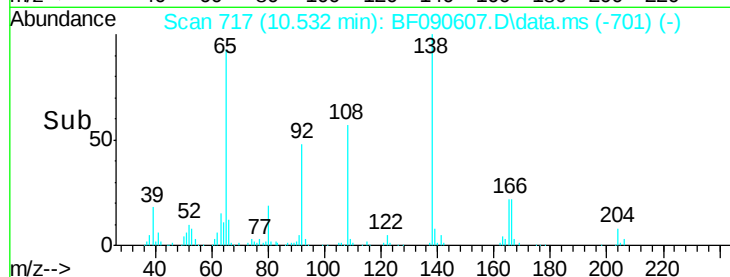
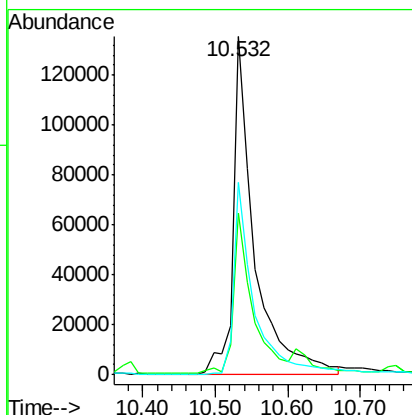
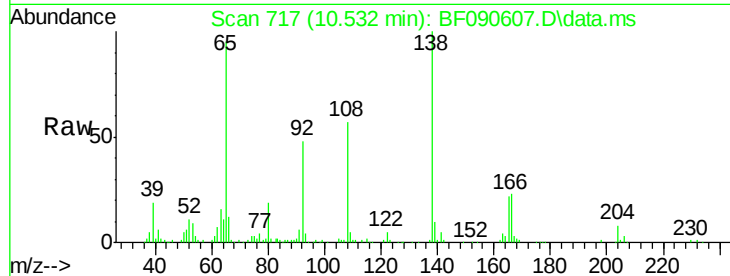




#61
4-Nitroaniline
Concen: 38.83 ng
RT: 10.532 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

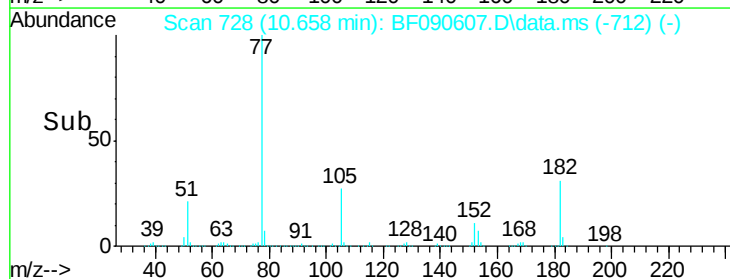
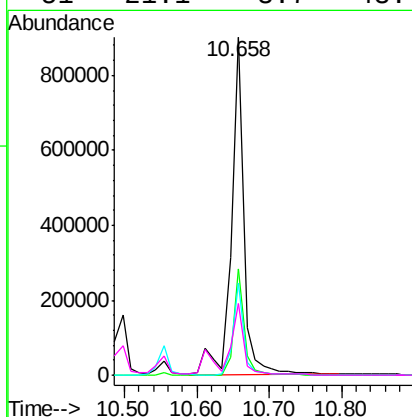
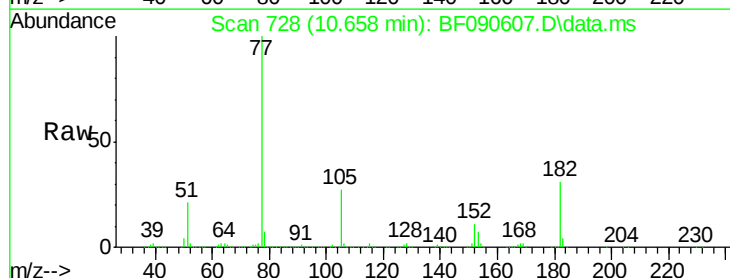
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMS

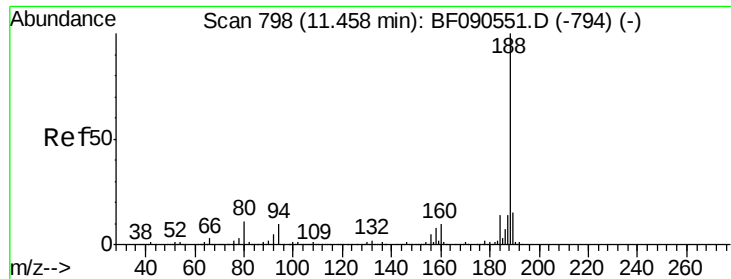
Tot Ion:138 Resp: 275026
Ion Ratio Lower Upper
138 100
92 47.9 35.7 75.7
108 56.7 46.9 86.9



#62
Azobenzene
Concen: 35.87 ng
RT: 10.658 min Scan# 728
Delta R.T. -0.011 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

Tgt Ion: 77 Resp: 1082472
Ion Ratio Lower Upper
77 100
182 31.4 2.2 42.2
105 27.4 3.5 43.5
51 21.1 3.7 43.7

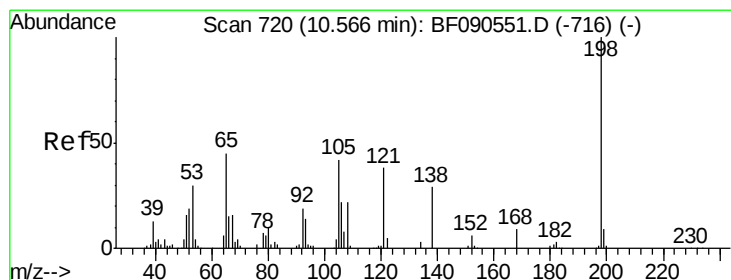
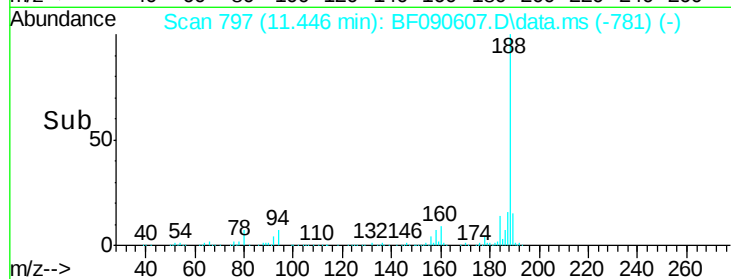
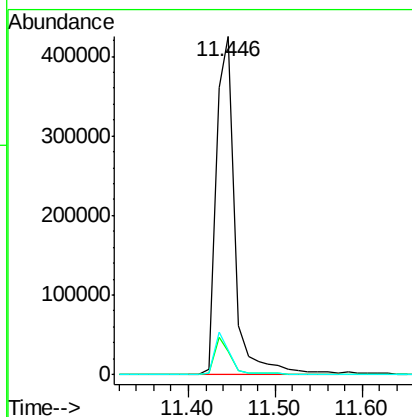
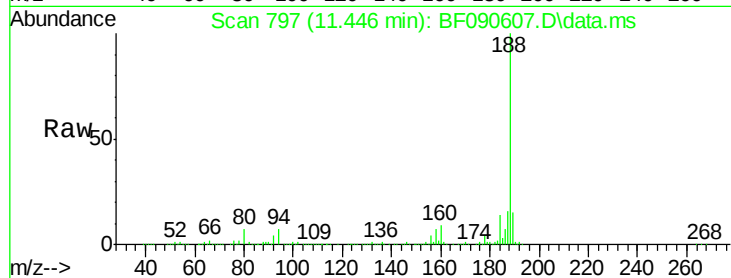




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.446 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

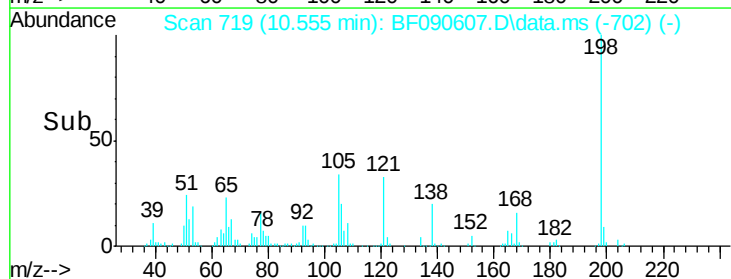
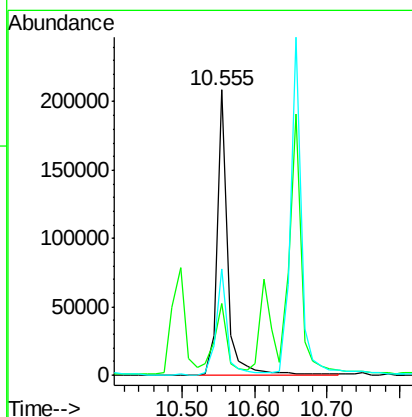
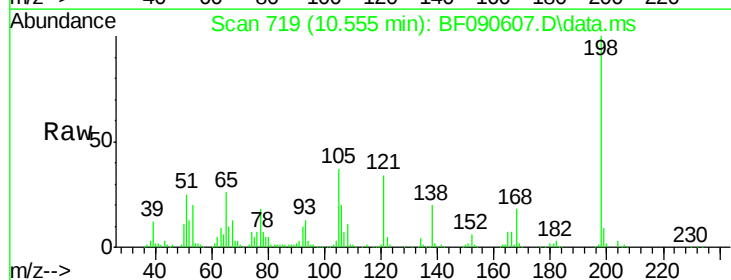
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMS

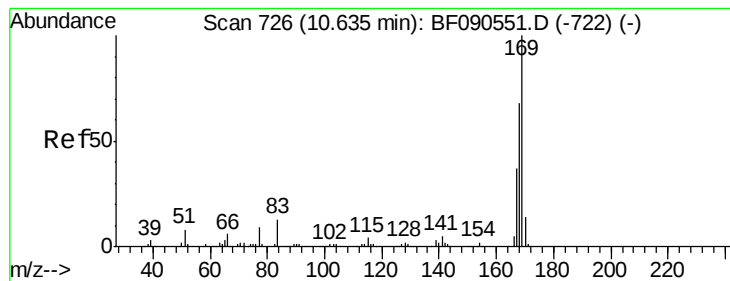
Tot Ion:188 Resp: 644578
Ion Ratio Lower Upper
188 100
94 6.9 7.7 11.5#
80 7.2 8.6 12.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 53.27 ng
RT: 10.555 min Scan# 719
Delta R.T. -0.011 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

Tgt Ion:198 Resp: 207822
Ion Ratio Lower Upper
198 100
51 25.4 19.7 59.7
105 37.2 22.6 62.6





#65

n-Nitrosodiphenylamine

Concen: 45.43 ng

RT: 10.623 min Scan# 72

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

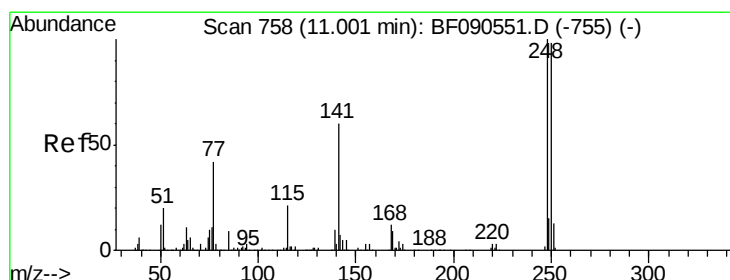
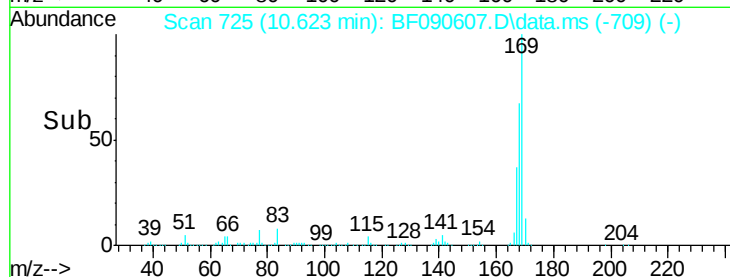
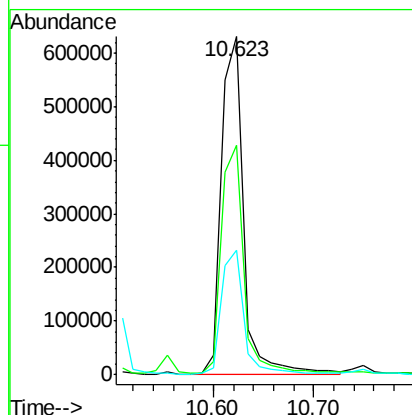
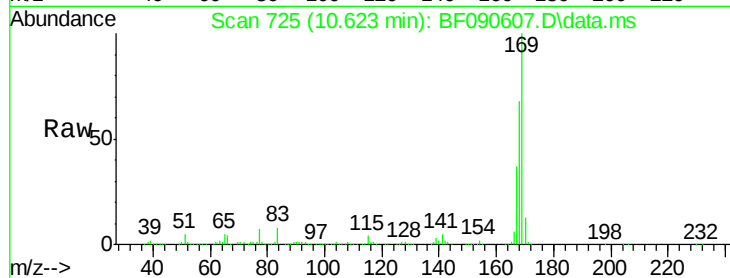
Tot Ion:169 Resp: 967197

Ion Ratio Lower Upper

169 100

168 67.6 54.6 81.8

167 36.8 29.8 44.8



#66

4-Bromophenyl-phenylether

Concen: 53.83 ng

RT: 10.989 min Scan# 757

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

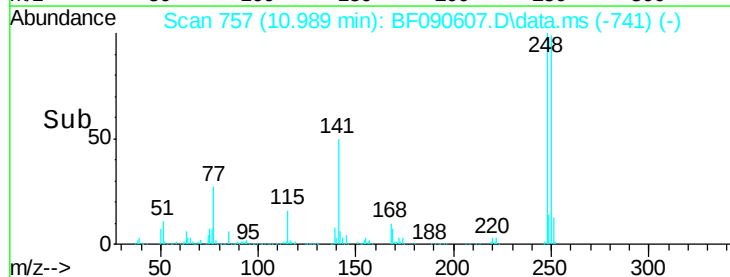
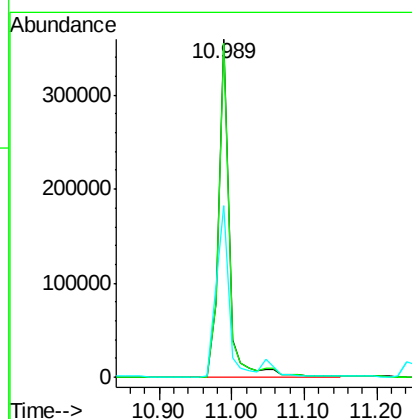
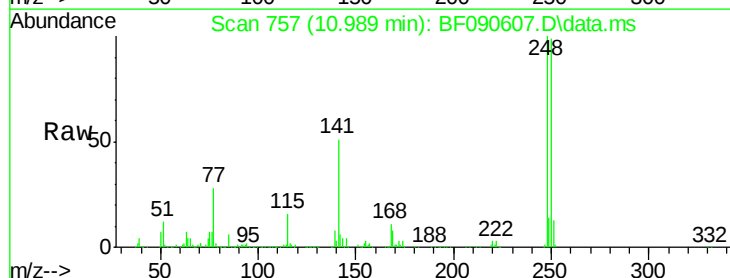
Tgt Ion:248 Resp: 372343

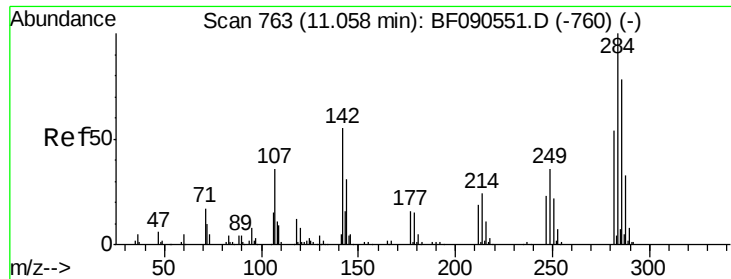
Ion Ratio Lower Upper

248 100

250 99.0 78.4 117.6

141 50.7 48.4 72.6

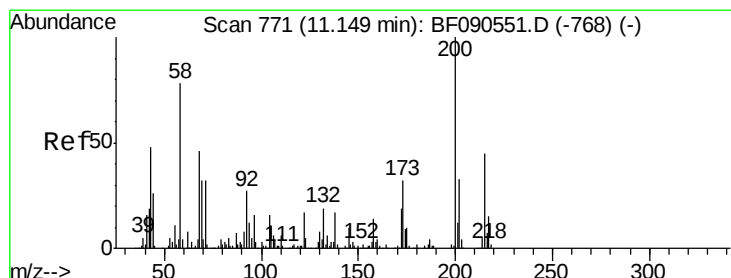
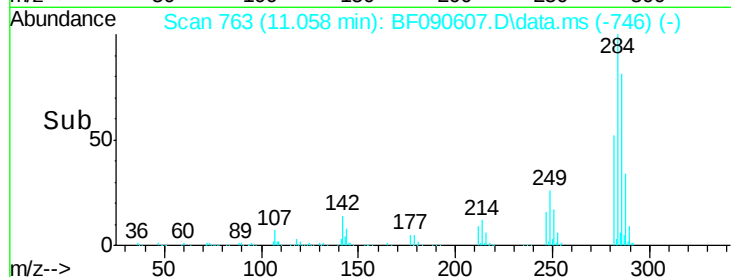
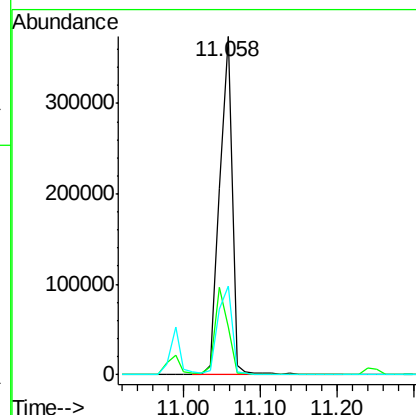
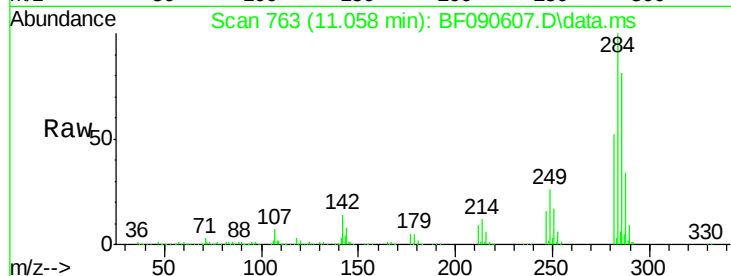




#67
Hexachlorobenzene
Concen: 55.80 ng
RT: 11.058 min Scan# 763
Delta R.T. -0.000 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

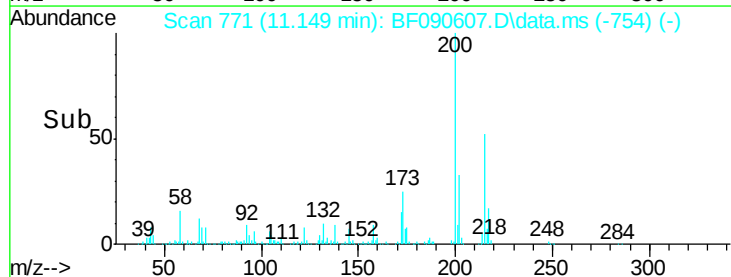
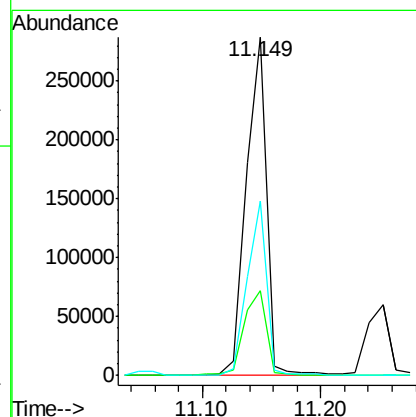
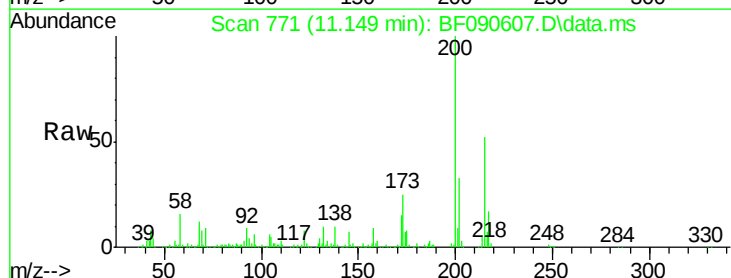
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMS

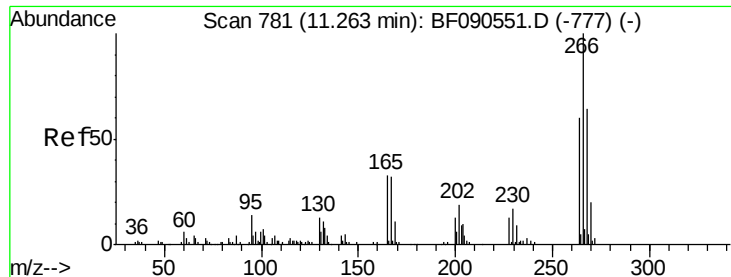
Tot Ion	Ratio	Lower	Upper
284	100		
142	14.2	44.5	66.7#
249	26.1	29.6	44.4#



#68
Atrazine
Concen: 58.02 ng
RT: 11.149 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.2	12.0	52.0
215	51.5	25.2	65.2

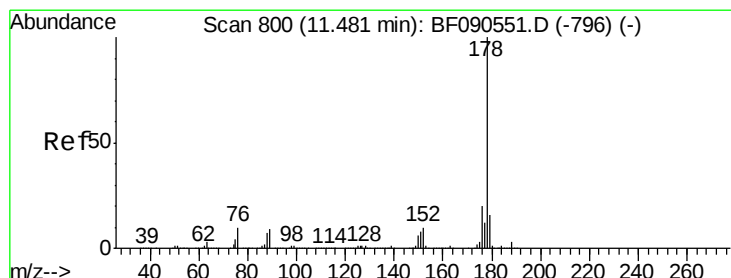
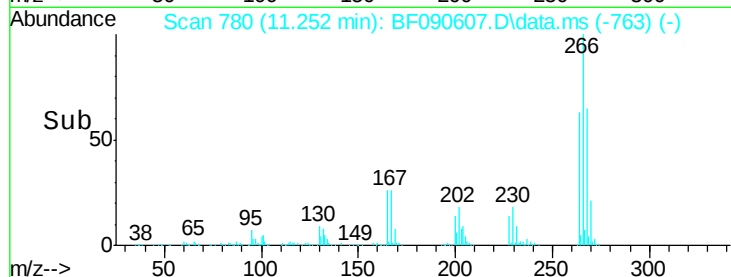
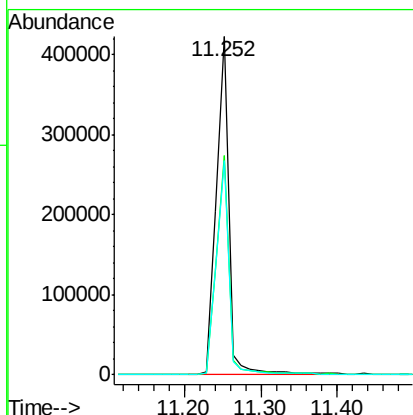
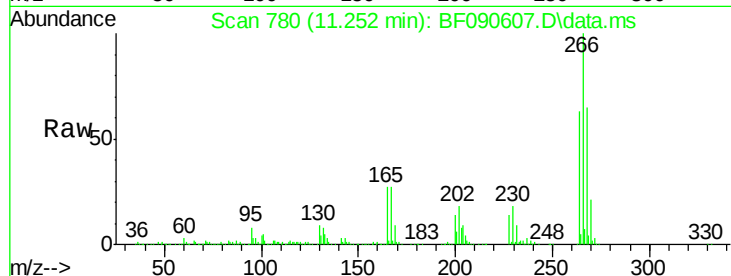




#69
 Pentachlorophenol
 Concen: 128.47 ng
 RT: 11.252 min Scan# 781
 Delta R.T. -0.011 min
 Lab File: BF090607.D
 Acq: 17 Oct 2016 15:05

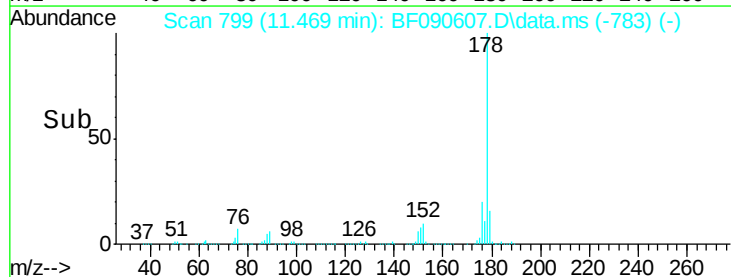
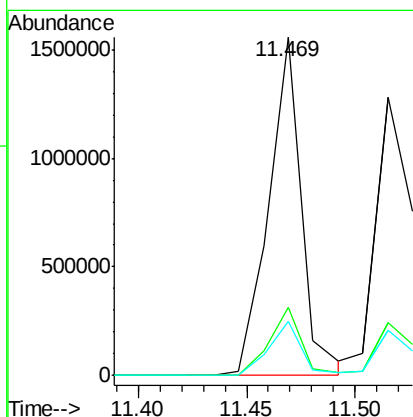
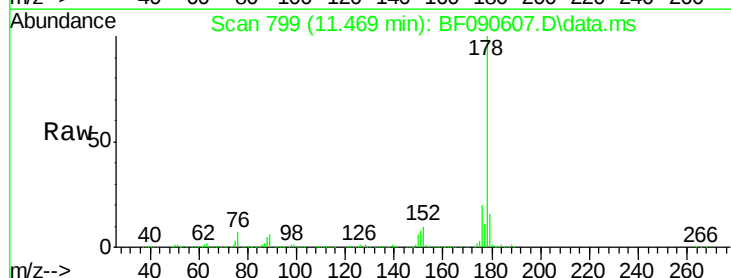
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMS

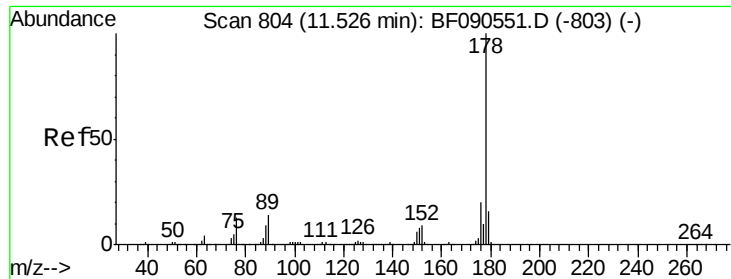
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.5	77.3
264	63.3	47.9	71.9



#70
 Phenanthrene
 Concen: 47.85 ng
 RT: 11.469 min Scan# 799
 Delta R.T. -0.012 min
 Lab File: BF090607.D
 Acq: 17 Oct 2016 15:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.1	24.1
179	15.8	12.6	19.0

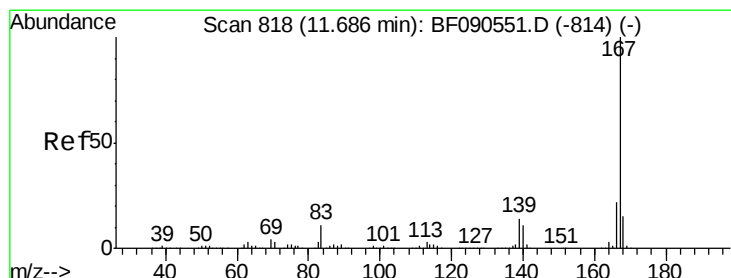
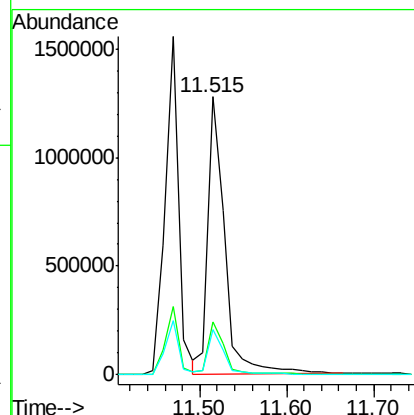
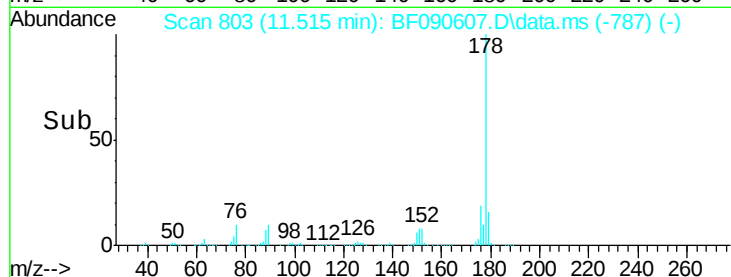
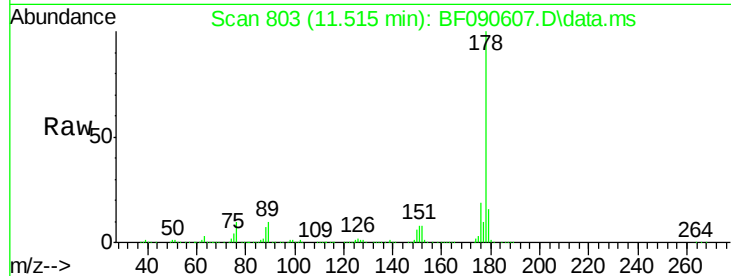




#71
 Anthracene
 Concen: 46.31 ng
 RT: 11.515 min Scan# 80
 Delta R.T. -0.011 min
 Lab File: BF090607.D
 Acq: 17 Oct 2016 15:05

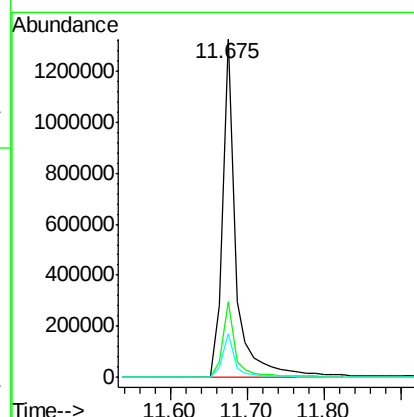
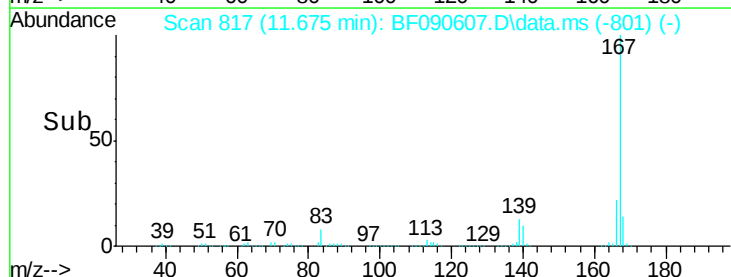
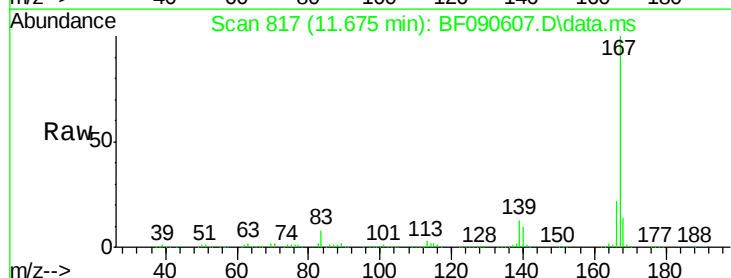
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-AMS

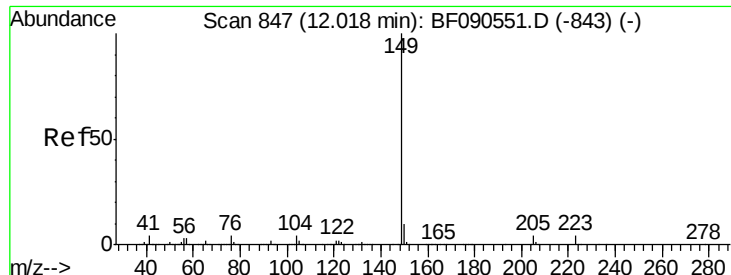
Tot Ion:178 Resp: 1714826
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.5 23.3
 179 16.1 13.0 19.4



#72
 Carbazole
 Concen: 48.65 ng
 RT: 11.675 min Scan# 817
 Delta R.T. -0.011 min
 Lab File: BF090607.D
 Acq: 17 Oct 2016 15:05

Tgt Ion:167 Resp: 1612595
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.8
 139 13.1 11.3 16.9





#73

Di-n-butylphthalate

Concen: 48.70 ng

RT: 12.006 min Scan# 84

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

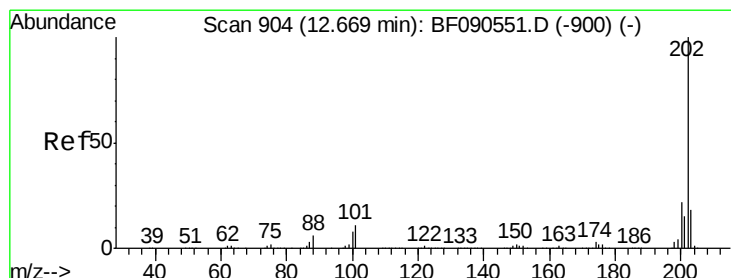
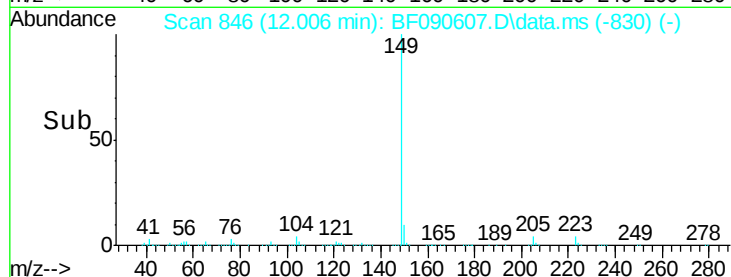
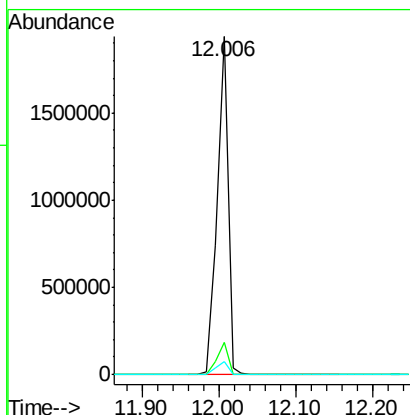
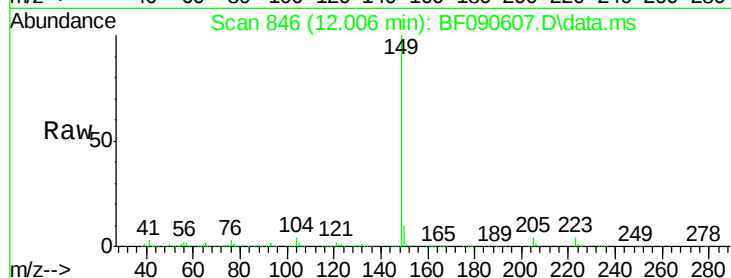
Tot Ion:149 Resp: 1891478

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

104 3.8 3.3 4.9



#74

Fluoranthene

Concen: 54.99 ng

RT: 12.658 min Scan# 903

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

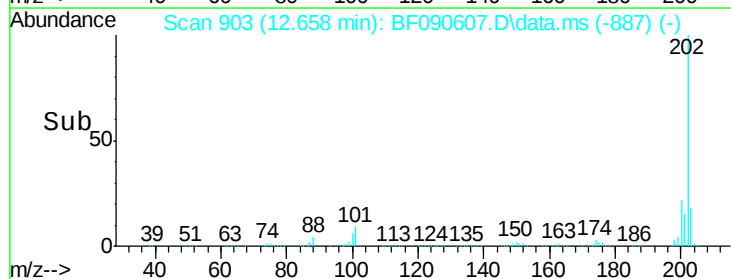
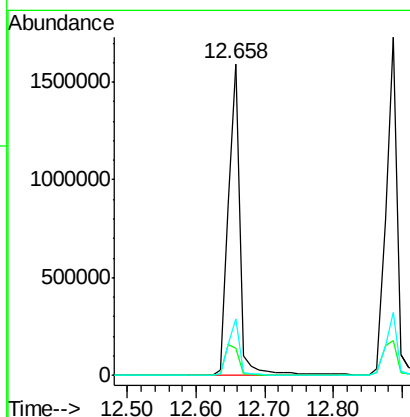
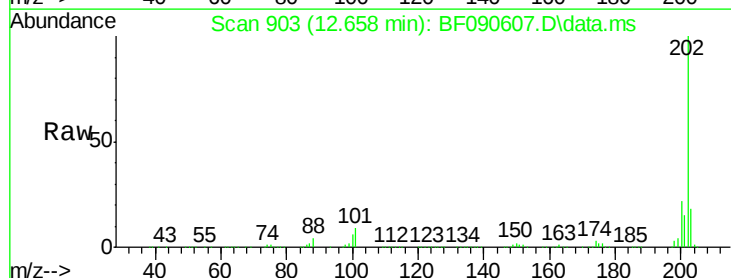
Tgt Ion:202 Resp: 1902981

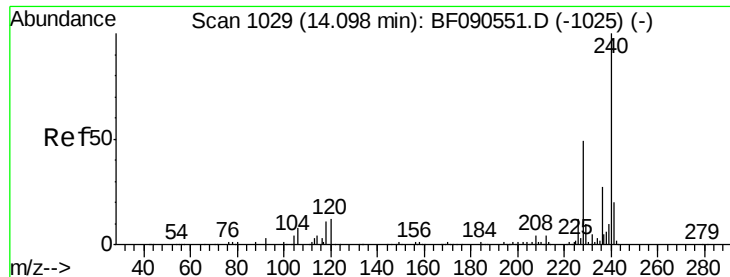
Ion Ratio Lower Upper

202 100

101 8.5 0.0 31.1

203 18.2 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.086 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

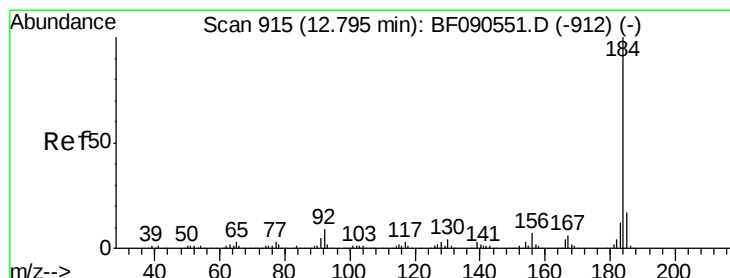
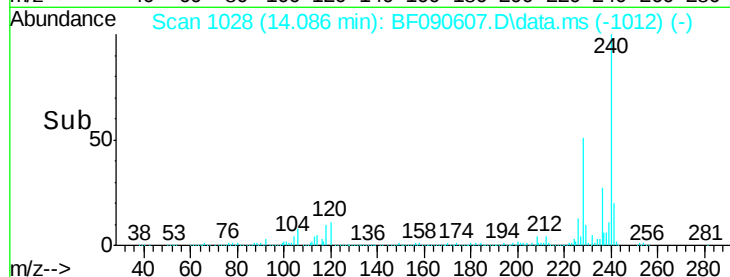
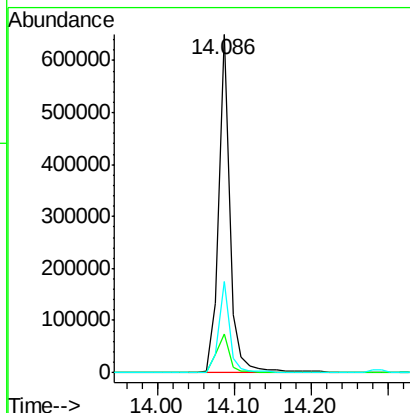
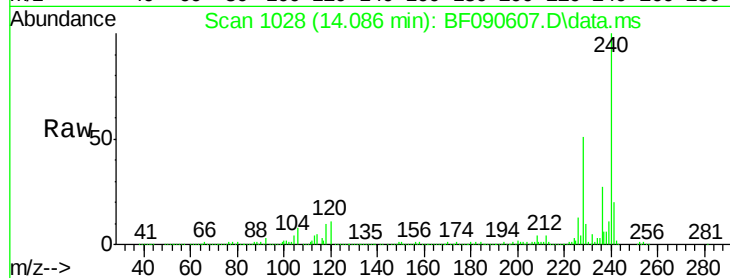
Tot Ion:240 Resp: 666735

Ion Ratio Lower Upper

240 100

120 11.5 9.8 14.8

236 27.1 21.7 32.5



#76

Benzidine

Concen: 11.75 ng

RT: 12.784 min Scan# 914

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

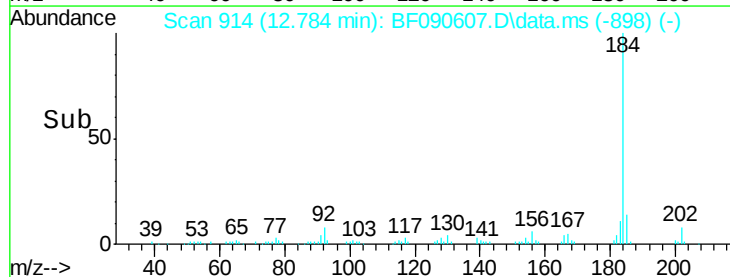
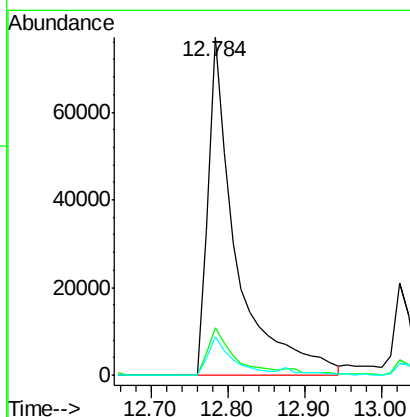
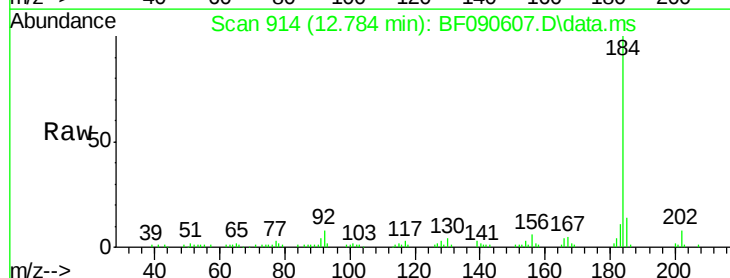
Tgt Ion:184 Resp: 195003

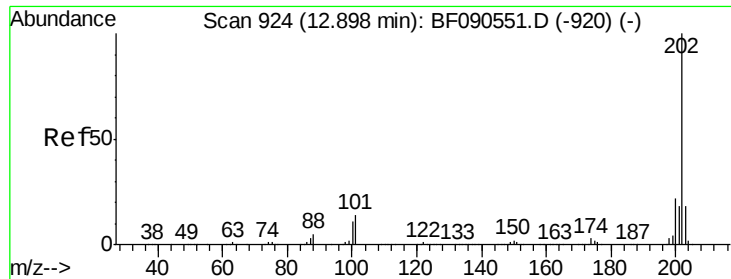
Ion Ratio Lower Upper

184 100

185 14.1 13.4 20.0

183 11.2 9.4 14.0

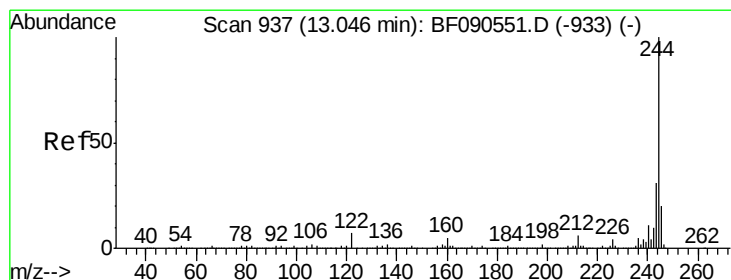
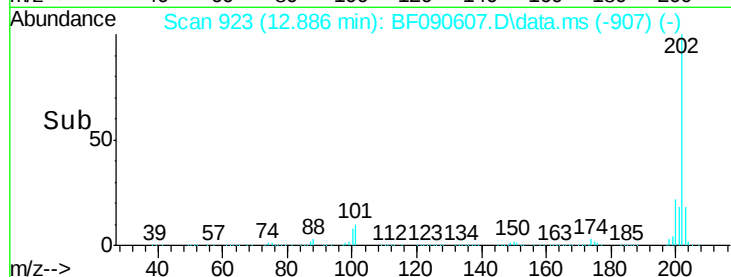
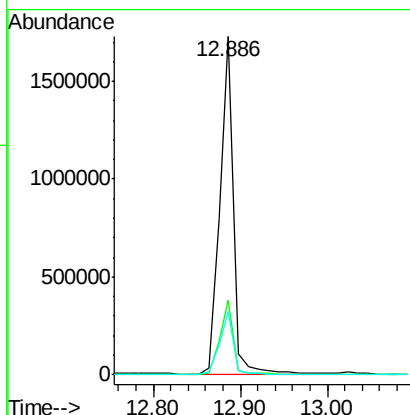
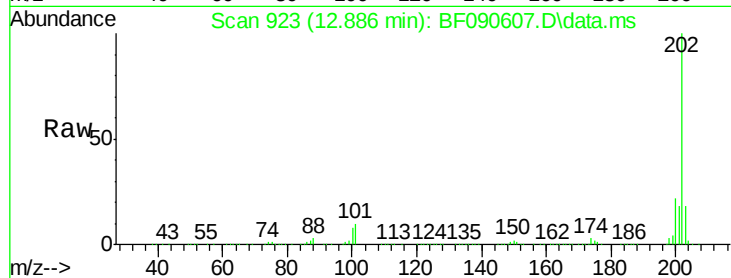




#77
Pvrene
Concen: 43.19 ng
RT: 12.886 min Scan# 92
Delta R.T. -0.011 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

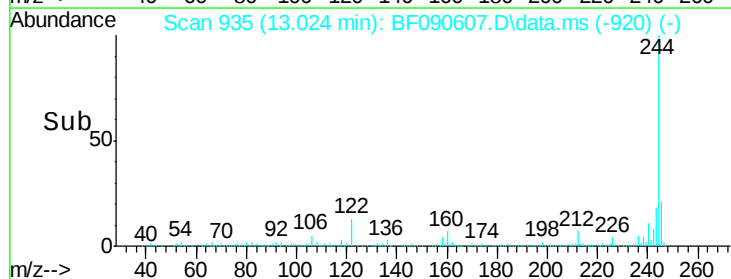
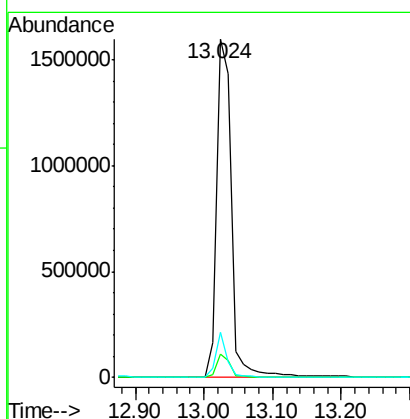
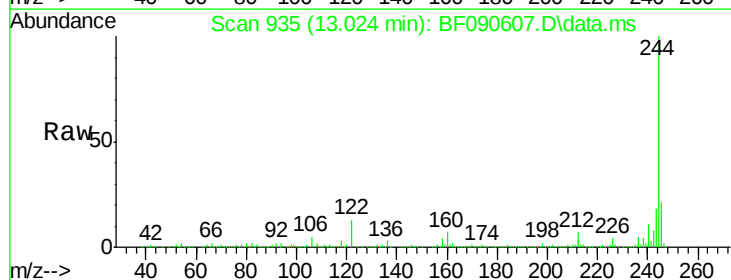
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMS

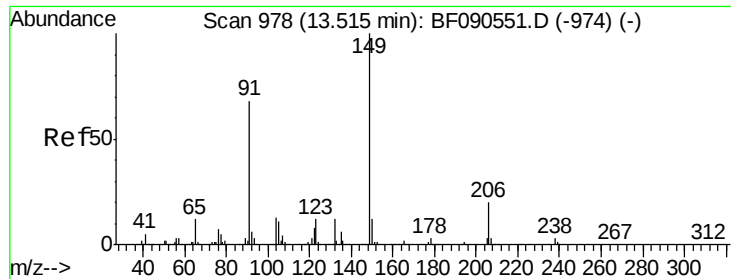
Tot Ion:202 Resp: 1907397
Ion Ratio Lower Upper
202 100
200 22.1 17.8 26.6
203 18.4 14.6 21.8



#78
Terphenyl-d14
Concen: 84.83 ng
RT: 13.024 min Scan# 935
Delta R.T. -0.023 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

Tgt Ion:244 Resp: 2429016
Ion Ratio Lower Upper
244 100
212 7.0 5.0 7.4
122 13.3 5.6 8.4#

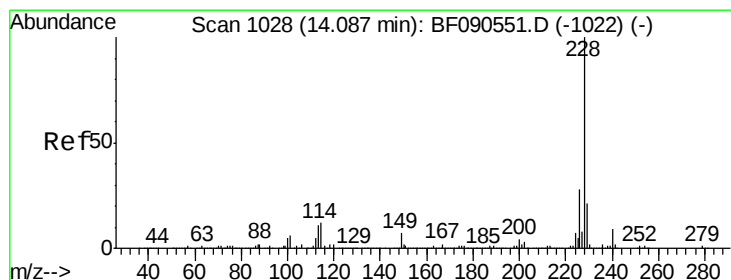
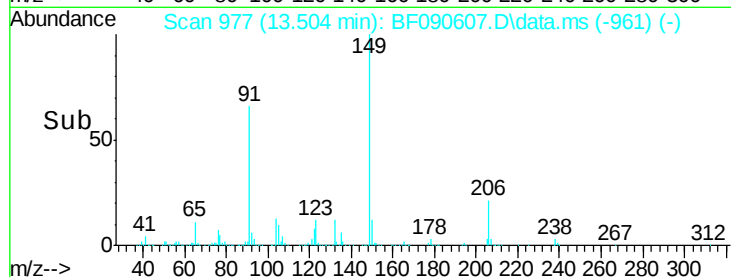
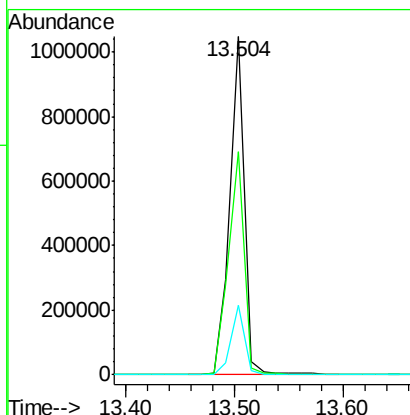
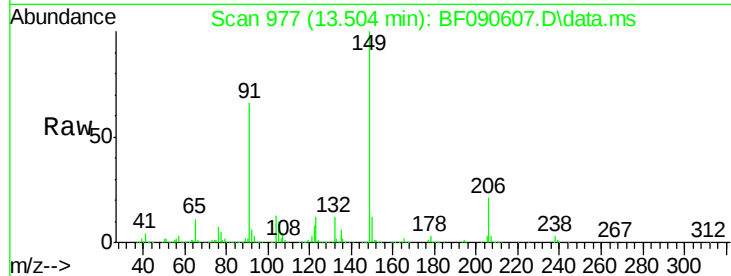




#79
Butylbenzylphthalate
Concen: 49.44 ng
RT: 13.504 min Scan# 97
Delta R.T. -0.011 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

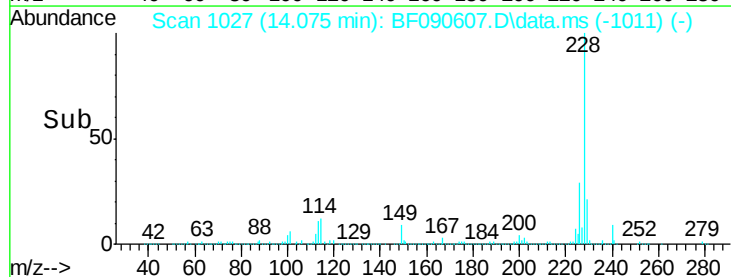
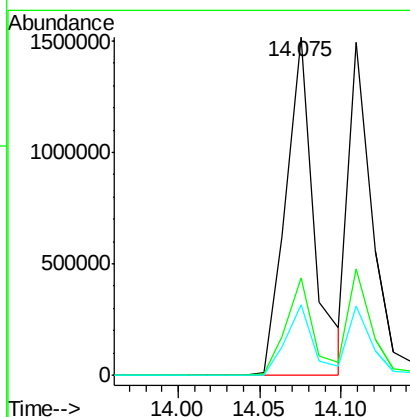
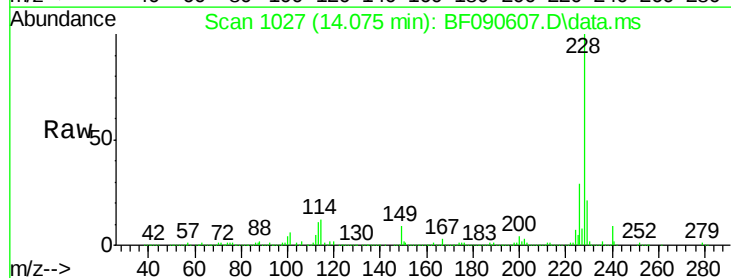
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMS

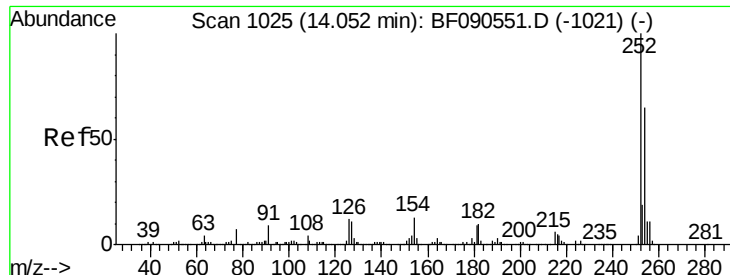
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.0	54.3	81.5
206	20.6	15.8	23.6



#80
Benzo(a)anthracene
Concen: 48.73 ng
RT: 14.075 min Scan# 1027
Delta R.T. -0.011 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.8	34.2
229	21.0	16.6	25.0





#81

3,3'-Dichlorobenzidine

Concen: 21.56 ng

RT: 14.041 min Scan# 1025

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

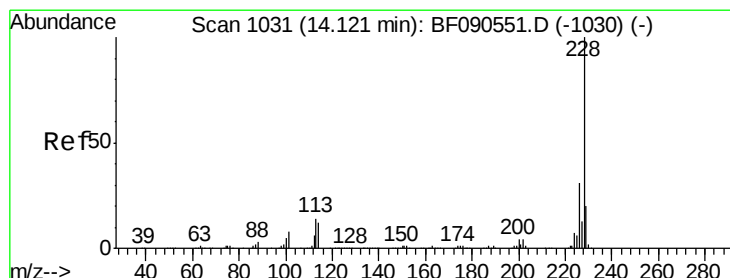
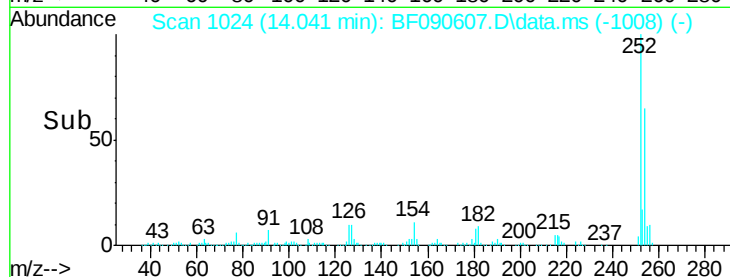
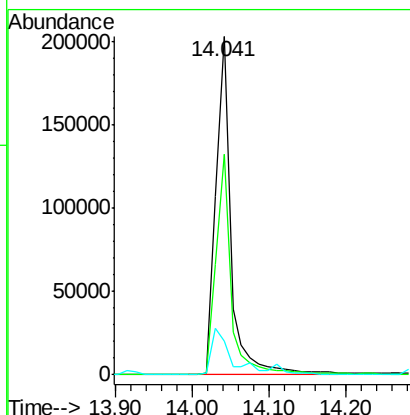
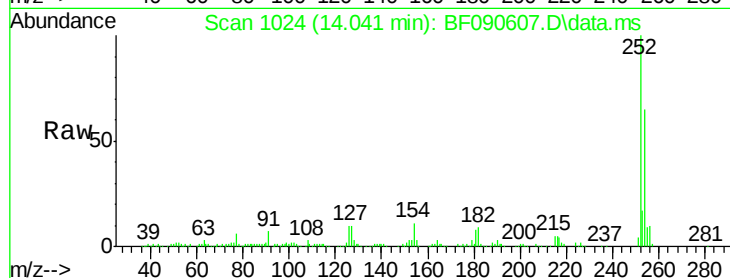
Tot Ion:252 Resp: 279516

Ion Ratio Lower Upper

252 100

254 65.0 52.1 78.1

126 9.8 9.3 13.9



#82

Chrysene

Concen: 43.33 ng

RT: 14.109 min Scan# 1030

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

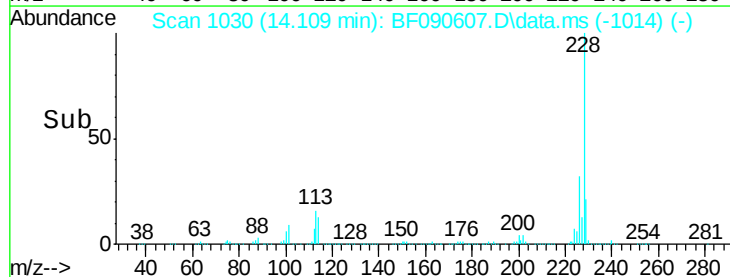
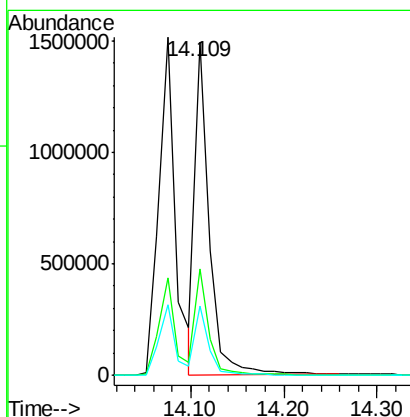
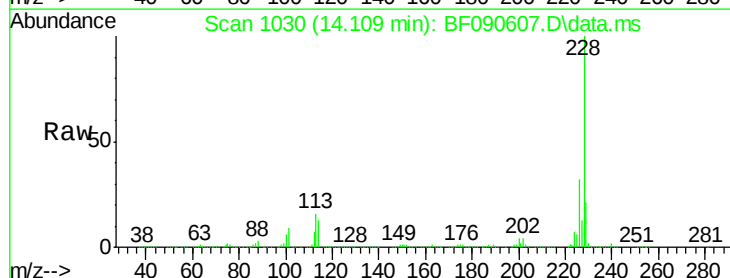
Tgt Ion:228 Resp: 1584570

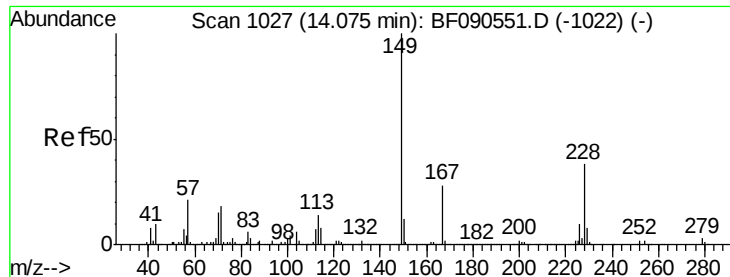
Ion Ratio Lower Upper

228 100

226 32.1 24.8 37.2

229 20.8 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.73 ng

RT: 14.064 min Scan# 1026

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

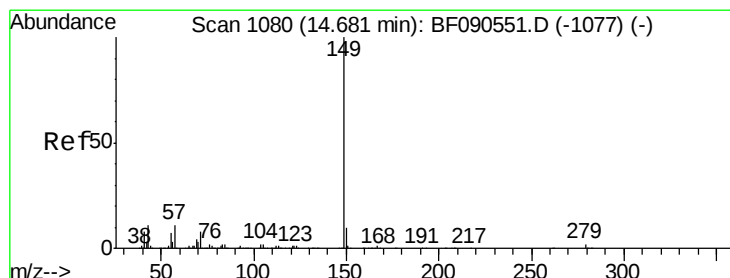
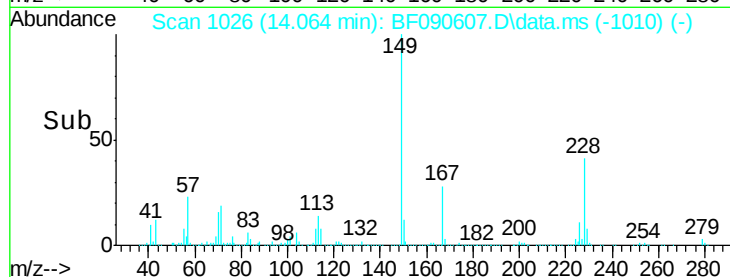
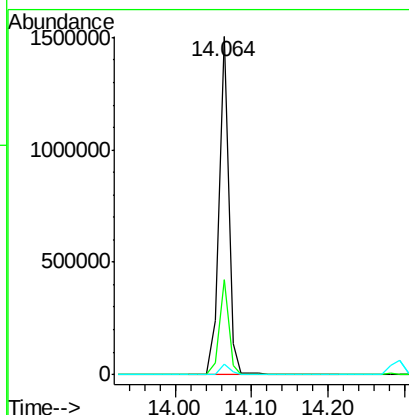
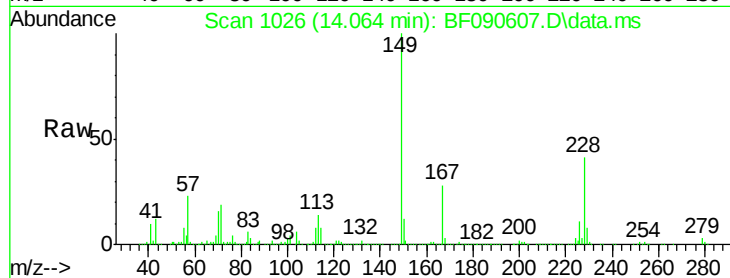
Tot Ion:149 Resp: 1312530

Ion Ratio Lower Upper

149 100

167 28.1 22.1 33.1

279 3.1 2.6 4.0



#84

Di-n-octyl phthalate

Concen: 57.89 ng

RT: 14.681 min Scan# 1080

Delta R.T. -0.000 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

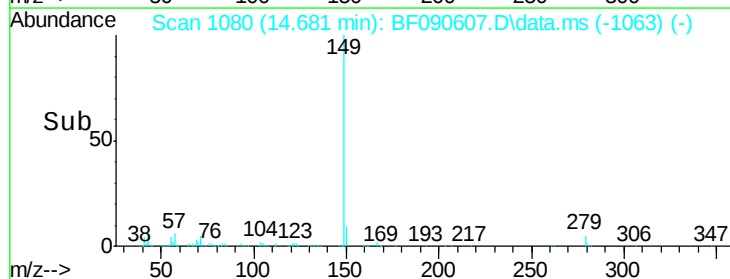
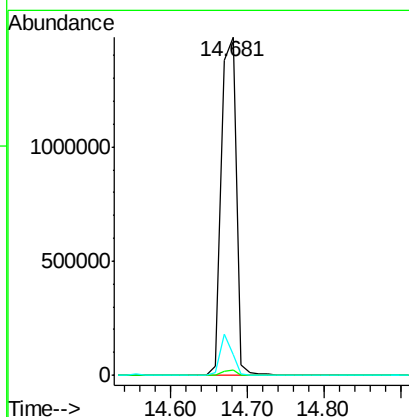
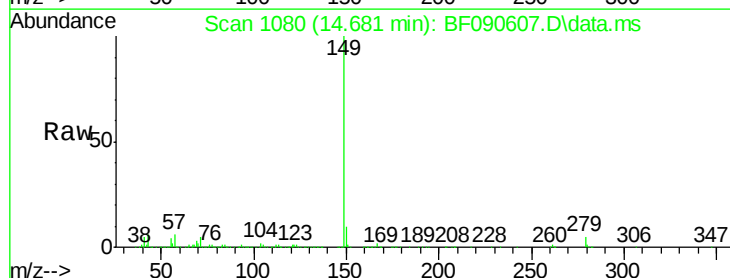
Tgt Ion:149 Resp: 2048841

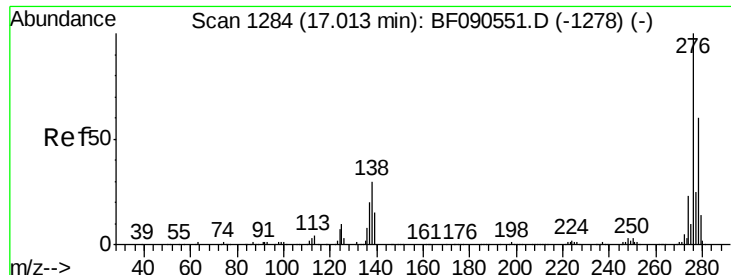
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.7 6.7 10.1

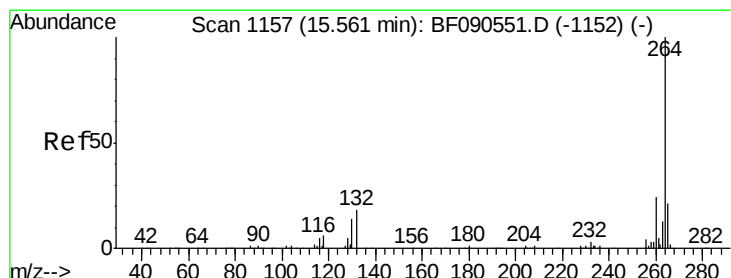
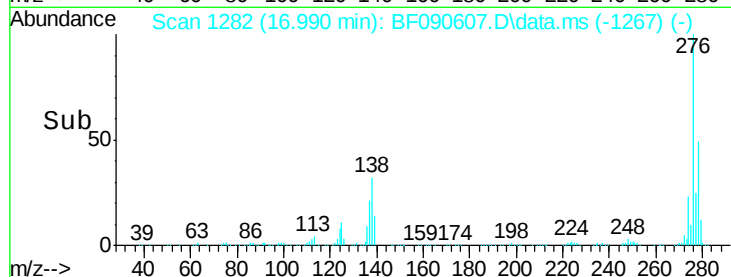
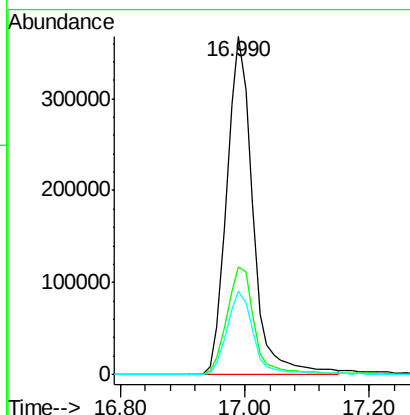
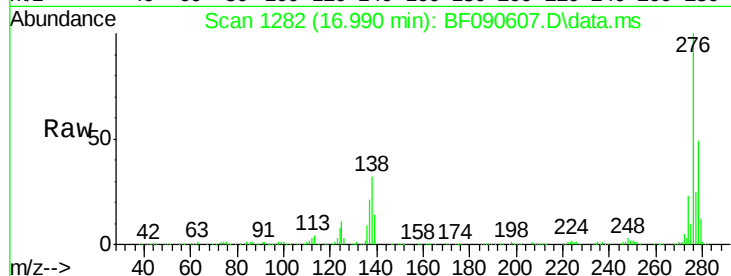




#85
Indeno(1,2,3-cd)pyrene
Concen: 50.88 ng
RT: 16.990 min Scan# 127
Delta R.T. -0.023 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

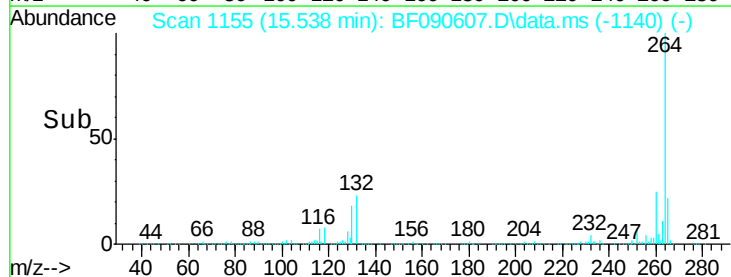
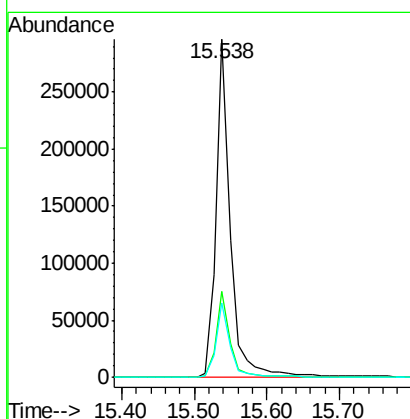
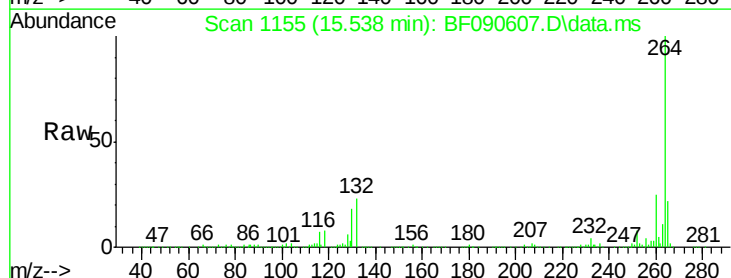
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMS

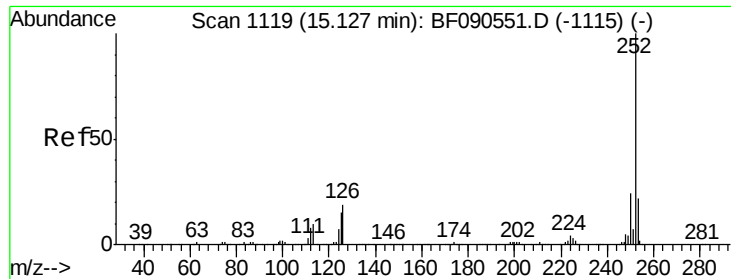
Tot Ion:276 Resp: 1075929
Ion Ratio Lower Upper
276 100
138 33.6 25.8 38.6
277 25.0 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.538 min Scan# 1155
Delta R.T. -0.023 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

Tgt Ion:264 Resp: 406274
Ion Ratio Lower Upper
264 100
260 25.3 19.3 28.9
265 22.1 16.7 25.1

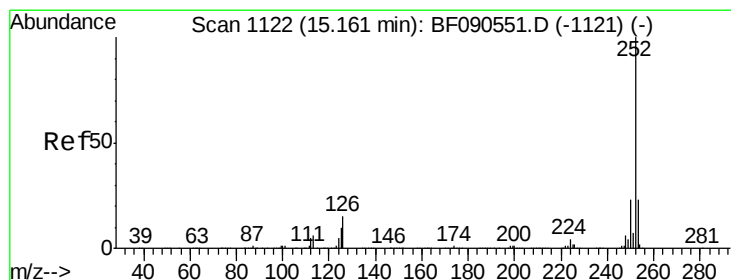
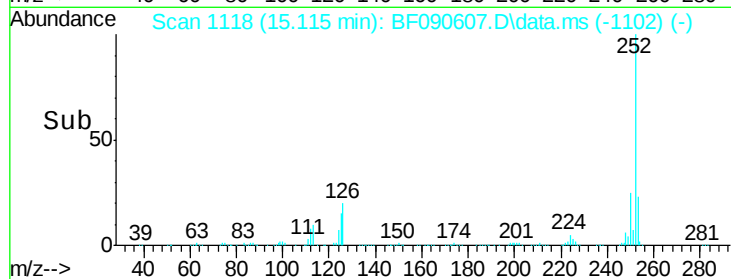
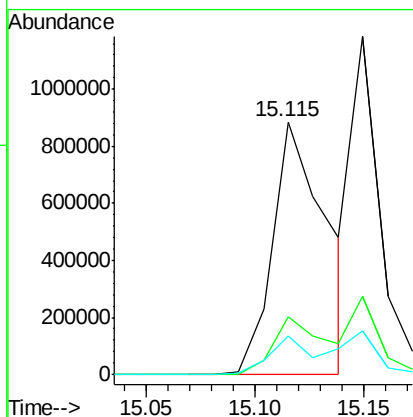
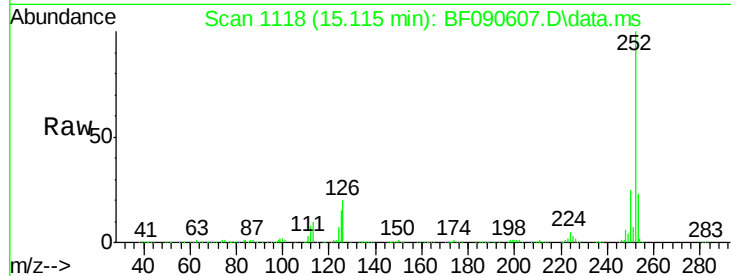




#87
Benzo(b)fluoranthene
Concen: 57.50 ng
RT: 15.115 min Scan# 1118
Delta R.T. -0.012 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

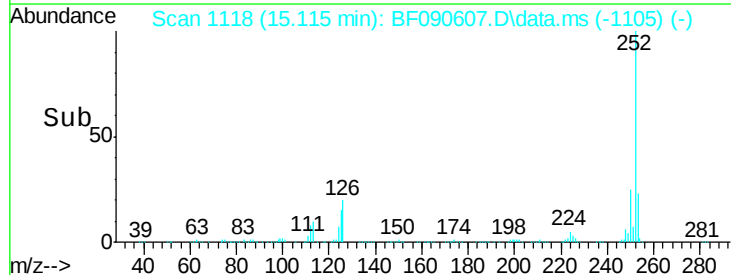
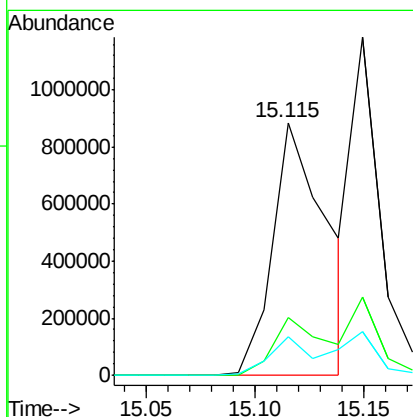
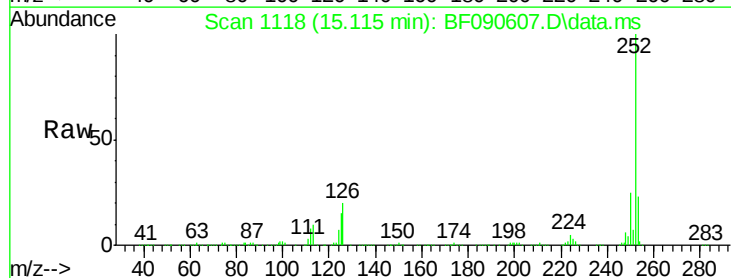
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-AMS

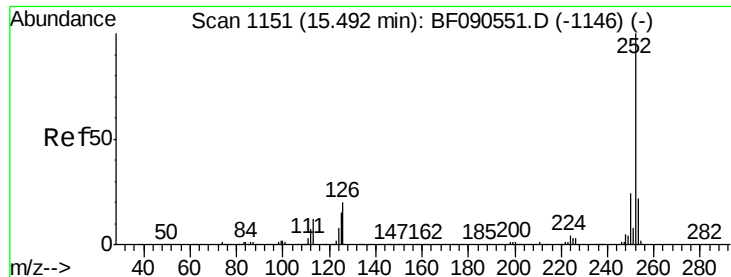
Tot Ion:252 Resp: 1528713
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 15.1 12.0 18.0



#88
Benzo(k)fluoranthene
Concen: 53.44 ng
RT: 15.115 min Scan# 1118
Delta R.T. -0.046 min
Lab File: BF090607.D
Acq: 17 Oct 2016 15:05

Tgt Ion:252 Resp: 1528713
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 15.1 10.0 15.0#





#89

Benzo(a)pyrene

Concen: 48.52 ng

RT: 15.481 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

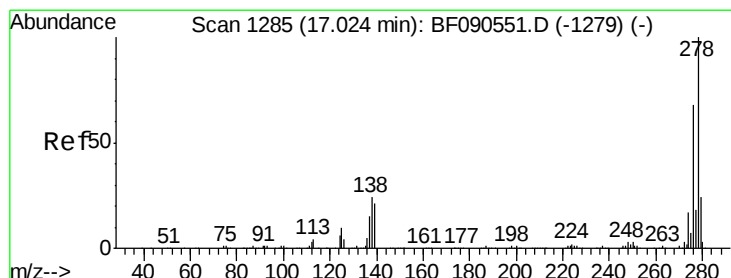
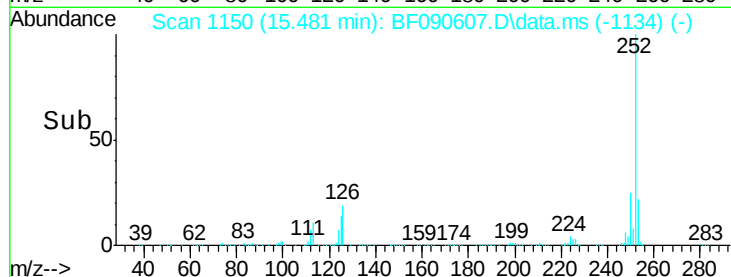
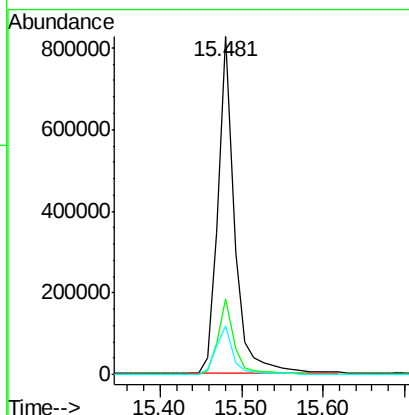
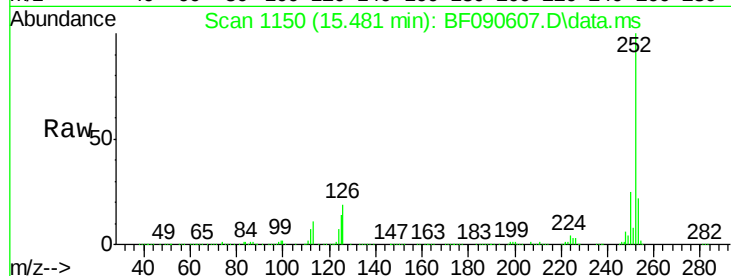
Tot Ion:252 Resp: 1180789

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 14.5 12.3 18.5



#90

Dibenzo(a,h)anthracene

Concen: 49.61 ng

RT: 17.001 min Scan# 1283

Delta R.T. -0.023 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

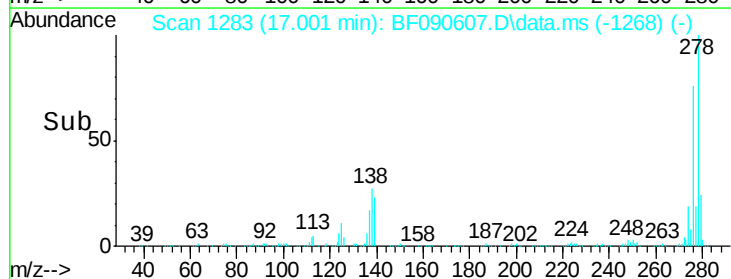
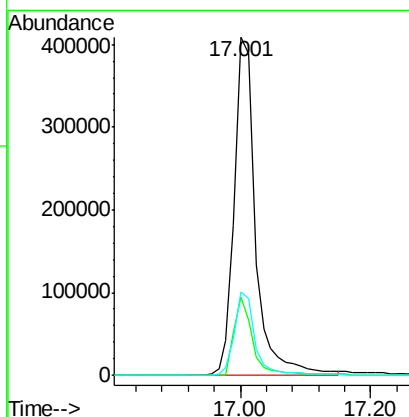
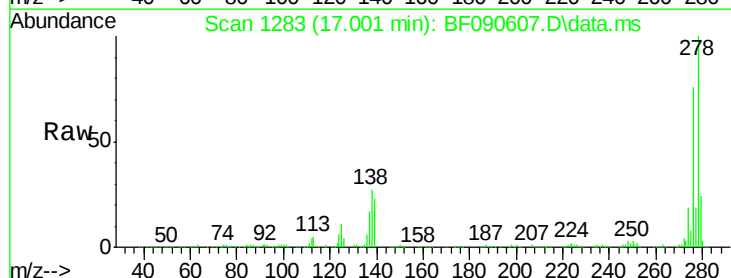
Tgt Ion:278 Resp: 920862

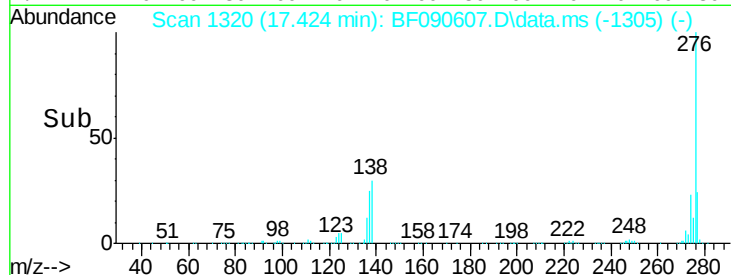
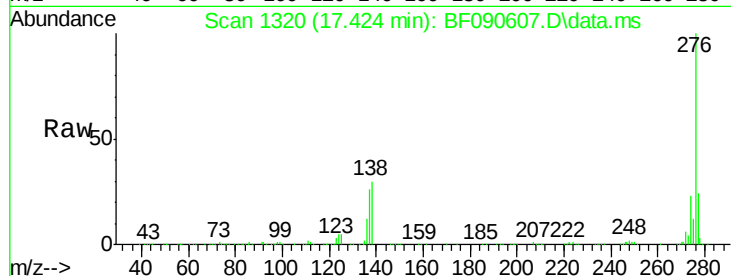
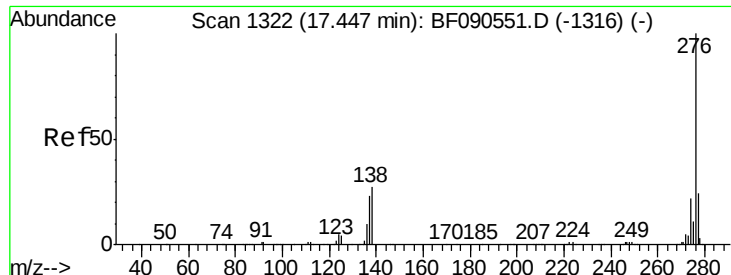
Ion Ratio Lower Upper

278 100

139 23.0 16.6 25.0

279 24.5 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 48.20 ng

RT: 17.424 min Scan# 13

Delta R.T. -0.023 min

Lab File: BF090607.D

Acq: 17 Oct 2016 15:05

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-AMS

Tot Ion:276 Resp: 853023

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 30.0 21.8 32.8

