

Data Path : Z:\HPCHEM1\BNA F\Data\BF103116\
 Data File : BF090930.D
 Acq On : 31 Oct 2016 16:11
 Operator : UM/SJ
 Sample : PB94407BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 10:34:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 15:18:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.750	152	138641	20.00	ng	-0.01
21) Naphthalene-d8	8.030	136	542790	20.00	ng	-0.02
38) Acenaphthene-d10	9.790	164	310649	20.00	ng	-0.02
63) Phenanthrene-d10	11.265	188	497605	20.00	ng	-0.02
75) Chrysene-d12	13.905	240	474852	20.00	ng	-0.02
86) Perylene-d12	15.300	264	329411	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.356	112	1153496	145.47	ng	0.00
7) Phenol-d6	6.396	99	1390824	130.01	ng	-0.02
23) Nitrobenzene-d5	7.322	82	936313	112.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.579	330	408772	128.04	ng	-0.02
44) 2-Fluorobiphenyl	9.116	172	1687003	95.36	ng	-0.02
78) Terphenyl-d14	12.854	244	1830640	97.13	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.327	88	141428	34.89	ng	# 75
3) Pyridine	3.013	79	448591	40.79	ng	# 72
4) n-Nitrosodimethylamine	2.967	42	157615	50.91	ng	# 56
6) Aniline	6.407	93	313264	25.63	ng	# 1
8) 2-Chlorophenol	6.533	128	411094	42.03	ng	93
9) Benzaldehyde	6.293	77	62726	11.35	ng	# 82
10) Phenol	6.407	94	408728	34.67	ng	# 27
11) bis(2-Chloroethyl)ether	6.487	93	407725	41.80	ng	95
12) 1,3-Dichlorobenzene	6.693	146	437480	43.72	ng	# 95
13) 1,4-Dichlorobenzene	6.762	146	424745	40.37	ng	# 89
14) 1,2-Dichlorobenzene	6.922	146	437848	43.41	ng	96
15) Benzyl Alcohol	6.899	79	330715	47.07	ng	# 76
16) 2,2'-oxybis(1-Chloropr...	7.036	45	348808	35.94	ng	62
17) 2-Methylphenol	7.024	107	312530	42.00	ng	# 84
18) Hexachloroethane	7.264	117	176301	46.04	ng	# 74
19) n-Nitroso-di-n-propyla...	7.173	70	271938	43.97	ng	# 67
20) 3+4-Methylphenols	7.173	107	385780	44.78	ng	# 76
22) Acetophenone	7.162	105	520126	46.58	ng	# 82
24) Nitrobenzene	7.333	77	428039	48.81	ng	# 67
25) Isophorone	7.573	82	804490	47.81	ng	# 88
26) 2-Nitrophenol	7.653	139	220778	46.99	ng	# 73
27) 2,4-Dimethylphenol	7.699	122	356116	46.82	ng	# 79
28) bis(2-Chloroethoxy)met...	7.790	93	506825	52.96	ng	# 93
29) 2,4-Dichlorophenol	7.905	162	348513	49.48	ng	100
30) 1,2,4-Trichlorobenzene	7.985	180	361535	44.42	ng	98
31) Naphthalene	8.053	128	1095527	43.18	ng	97
32) Benzoic acid	7.836	122	229472	41.55	ng	# 68
33) 4-Chloroaniline	8.110	127	163040	15.90	ng	# 92
34) Hexachlorobutadiene	8.179	225	211336	44.16	ng	100
35) Caprolactam	8.476	113	69038	31.58	ng	96
36) 4-Chloro-3-methylphenol	8.602	107	357572	46.68	ng	# 82
37) 2-Methylnaphthalene	8.750	142	799334	48.78	ng	# 91
39) 1,2,4,5-Tetrachloroben...	8.922	216	382988	44.94	ng	99
40) Hexachlorocyclopentadiene	8.910	237	314756	80.28	ng	99

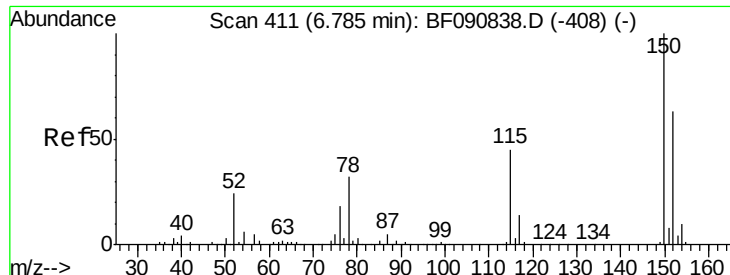
Data Path : Z:\HPCHEM1\BNA F\Data\BF103116\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.036	196	264891	48.15	nq	97
43) 2,4,5-Trichlorophenol	9.082	196	264718	46.72	nq	94
45) 1,1'-Biphenyl	9.219	154	981229	43.85	nq	93
46) 2-Chloronaphthalene	9.242	162	791207	46.48	nq	97
47) 2-Nitroaniline	9.333	65	226931	47.25	nq	# 69
48) Acenaphthylene	9.653	152	1194181	46.34	nq	96
49) Dimethylphthalate	9.516	163	865429	41.70	nq	# 97
50) 2,6-Dinitrotoluene	9.585	165	213836	46.65	nq	91
51) Acenaphthene	9.825	154	733640	41.33	nq	88
52) 3-Nitroaniline	9.745	138	105776	21.68	nq	# 56
53) 2,4-Dinitrophenol	9.859	184	188186	77.99	nq	# 75
54) Dibenzofuran	9.996	168	1073358	46.86	nq	# 89
55) 4-Nitrophenol	9.928	139	277165	93.14	nq	# 64
56) 2,4-Dinitrotoluene	9.985	165	255478	44.87	nq	# 80
57) Fluorene	10.339	166	896390	47.78	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.122	232	229436	45.34	nq	93
59) Diethylphthalate	10.225	149	976886	47.39	nq	97
60) 4-Chlorophenyl-phenyle...	10.328	204	386145	42.16	nq	# 83
61) 4-Nitroaniline	10.362	138	187533	38.80	nq	# 56
62) Azobenzene	10.488	77	808143	39.86	nq	85
64) 4,6-Dinitro-2-methylph...	10.396	198	142713	43.26	nq	# 73
65) n-Nitrosodiphenylamine	10.453	169	722495	47.40	nq	90
66) 4-Bromophenyl-phenylether	10.819	248	262526	48.18	nq	97
67) Hexachlorobenzene	10.888	284	310089	48.08	nq	# 82
68) Atrazine	10.991	200	238102	50.50	nq	87
69) Pentachlorophenol	11.082	266	315271	91.12	nq	98
70) Phenanthrene	11.299	178	1253290	49.46	nq	96
71) Anthracene	11.345	178	1165443	43.68	nq	97
72) Carbazole	11.505	167	1171236	49.71	nq	# 93
73) Di-n-butylphthalate	11.836	149	1408986	46.39	nq	# 97
74) Fluoranthene	12.476	202	1260087	45.41	nq	97
76) Benzidine	12.602	184	159324	15.37	nq	98
77) Pyrene	12.705	202	1261029	41.96	nq	95
79) Butylbenzylphthalate	13.334	149	657193	48.20	nq	# 85
80) Benzo(a)anthracene	13.894	228	1190752	47.25	nq	95
81) 3,3'-Dichlorobenzidine	13.859	252	264747	27.06	nq	97
82) Chrysene	13.939	228	1223581	48.00	nq	95
83) Bis(2-ethylhexyl)phtha...	13.894	149	860596	48.47	nq	# 93
84) Di-n-octyl phthalate	14.511	149	1570716	52.68	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.648	276	847576	37.52	nq	# 95
87) Benzo(b)fluoranthene	14.911	252	2004908	90.51	nq	# 90
88) Benzo(k)fluoranthene	14.911	252	2006967	114.65	nq	# 90
89) Benzo(a)pyrene	15.242	252	894915	47.02	nq	# 93
90) Dibenzo(a,h)anthracene	16.660	278	723407	44.90	nq	# 83
91) Benzo(g,h,i)perylene	17.048	276	679696	44.79	nq	# 80

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.750 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

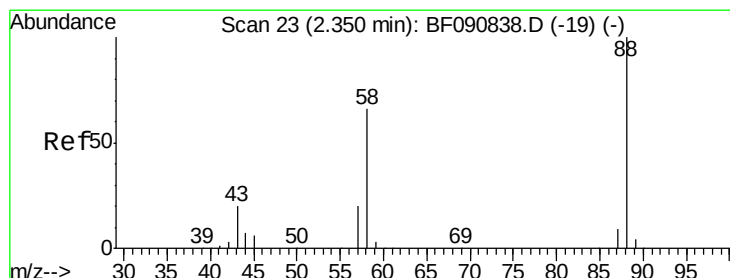
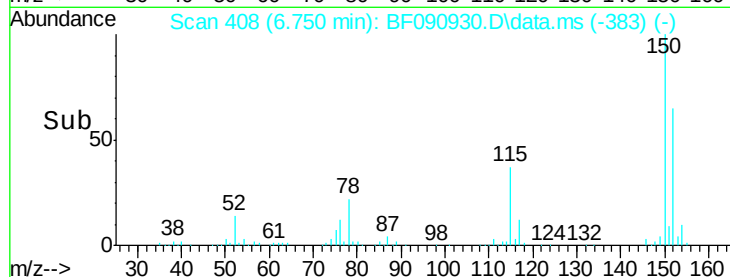
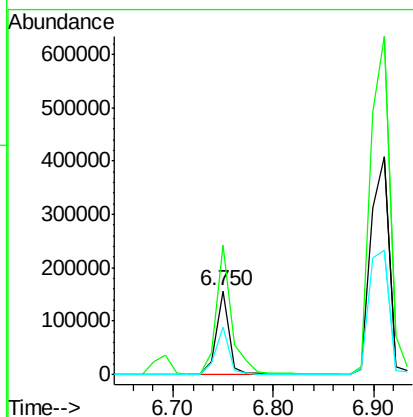
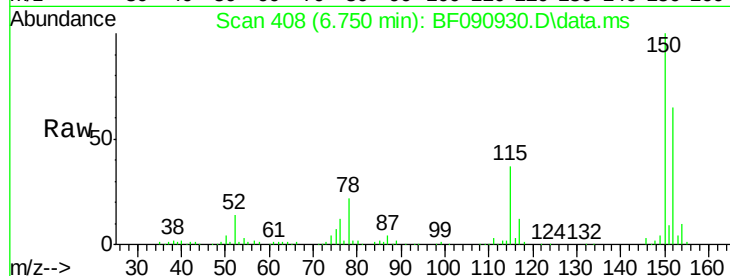
Tot Ion:152 Resp: 138641

Ion Ratio Lower Upper

152 100

150 154.5 124.7 187.1

115 56.6 39.0 58.4



#2

1,4-Dioxane

Concen: 34.89 ng

RT: 2.327 min Scan# 21

Delta R.T. 0.046 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

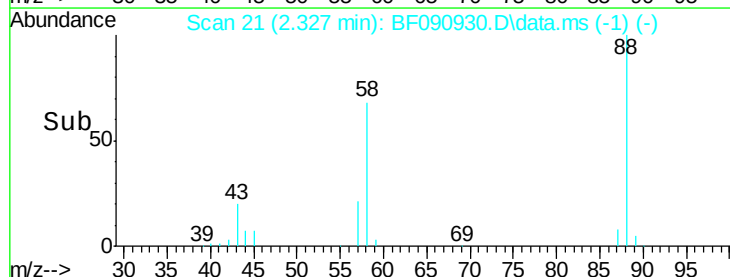
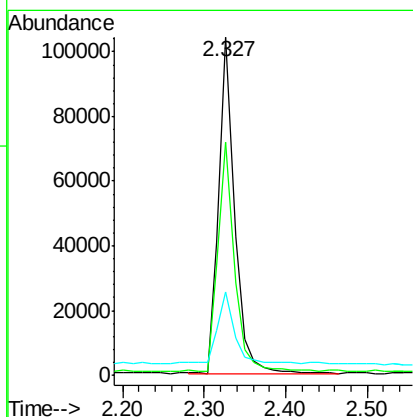
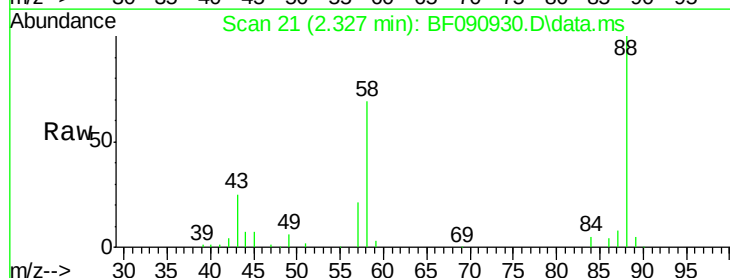
Tgt Ion: 88 Resp: 141428

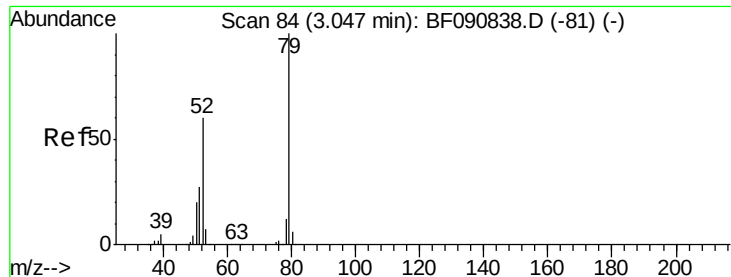
Ion Ratio Lower Upper

88 100

58 69.9 77.7 116.5#

43 23.5 26.6 40.0#

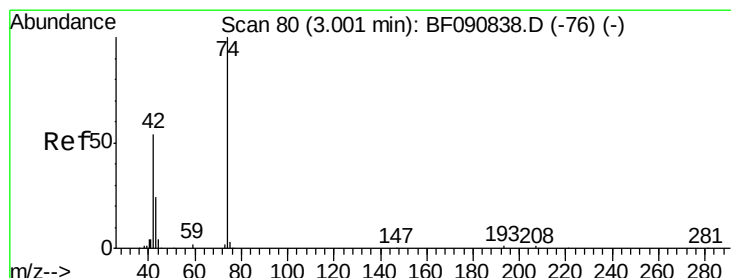
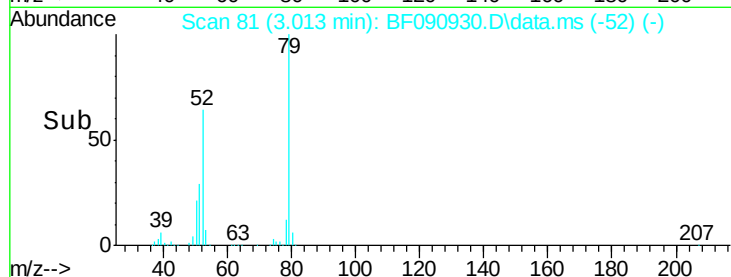
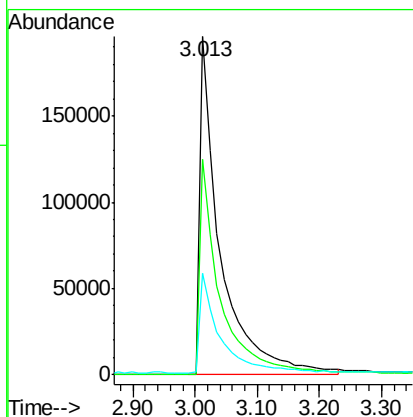
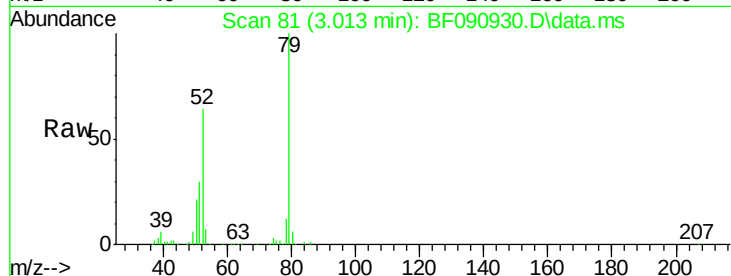




#3
Pvrindine
Concen: 40.79 ng
RT: 3.013 min Scan# 81
Delta R.T. 0.034 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

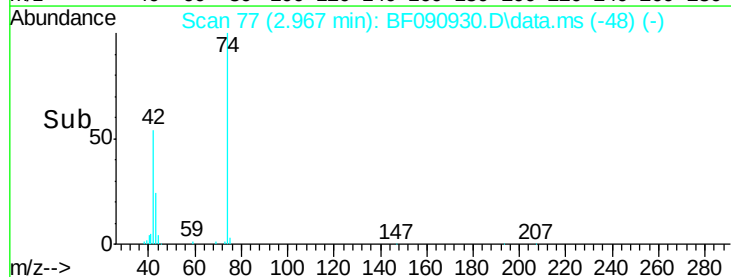
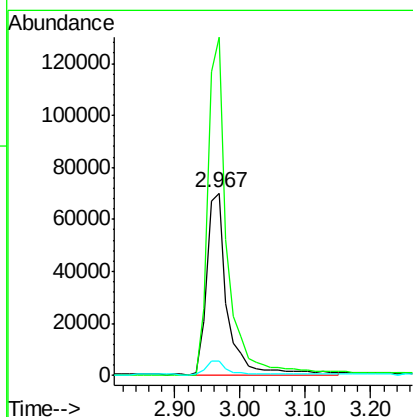
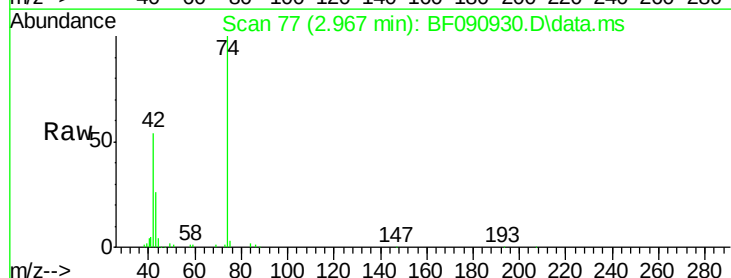
Instrument :
BNA_F
ClientSampleId :

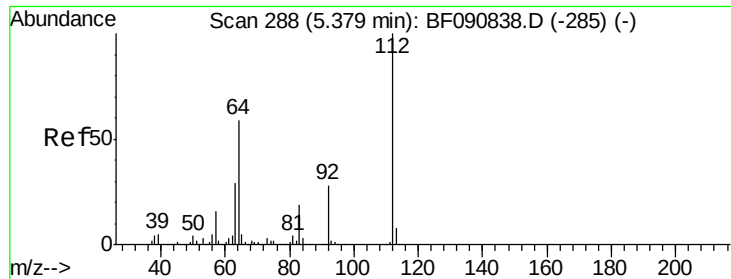
Tot Ion: 79 Resp: 448591
Ion Ratio Lower Upper
79 100
52 63.5 76.8 115.2#
51 30.1 32.2 48.4#



#4
n-Nitrosodimethylamine
Concen: 50.91 ng
RT: 2.967 min Scan# 77
Delta R.T. 0.034 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Tgt Ion: 42 Resp: 157615
Ion Ratio Lower Upper
42 100
74 185.8 105.0 157.6#
44 7.9 6.6 10.0





#5

2-Fluorophenol

Concen: 145.47 ng

RT: 5.356 min Scan# 28

Delta R.T. 0.000 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

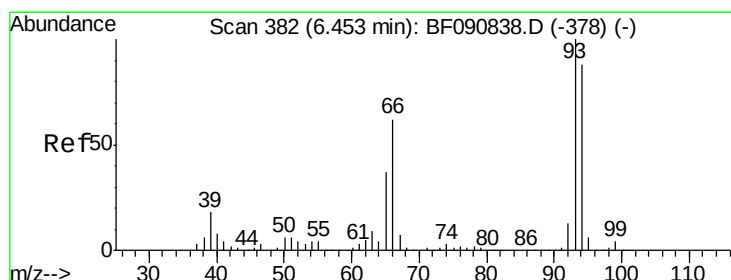
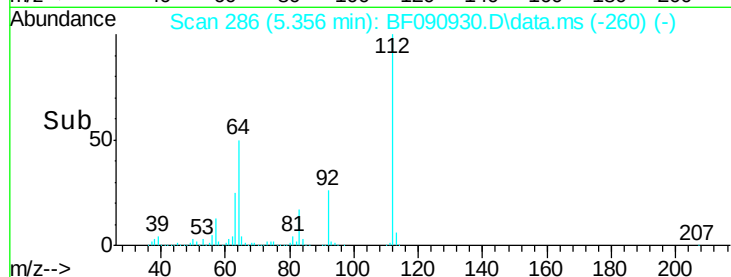
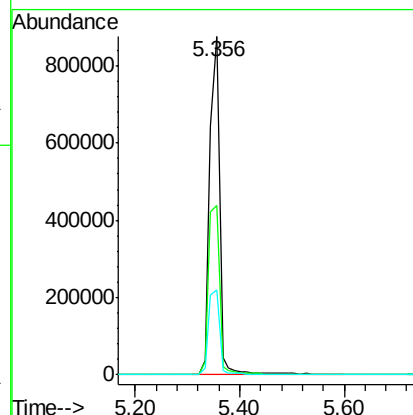
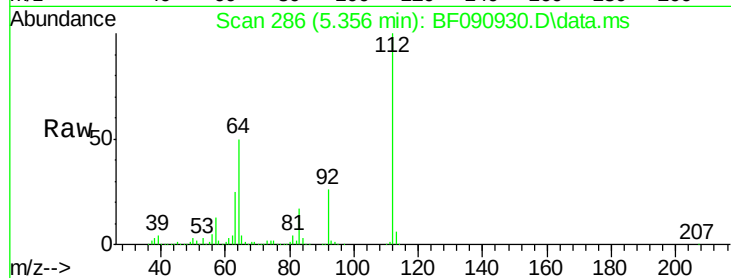
Tot Ion:112 Resp: 1153496

Ion Ratio Lower Upper

112 100

64 50.0 39.7 59.5

63 24.9 17.4 26.0



#6

Aniline

Concen: 25.63 ng

RT: 6.407 min Scan# 378

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

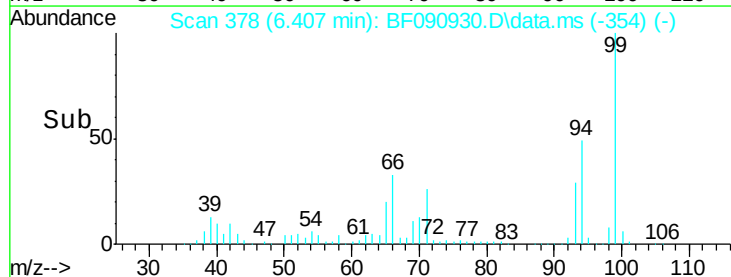
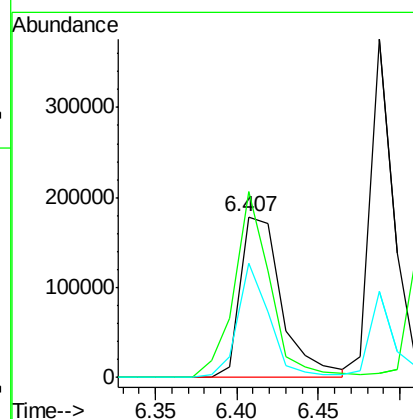
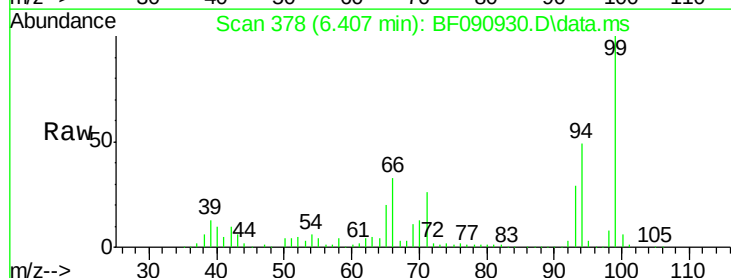
Tgt Ion: 93 Resp: 313264

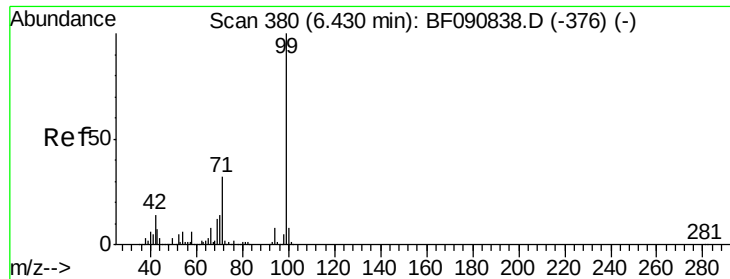
Ion Ratio Lower Upper

93 100

66 115.5 27.2 40.8#

65 71.3 14.7 22.1#





#7

Phenol-d6

Concen: 130.01 ng

RT: 6.396 min Scan# 37

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

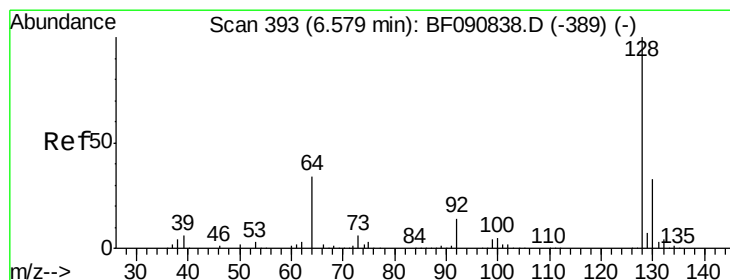
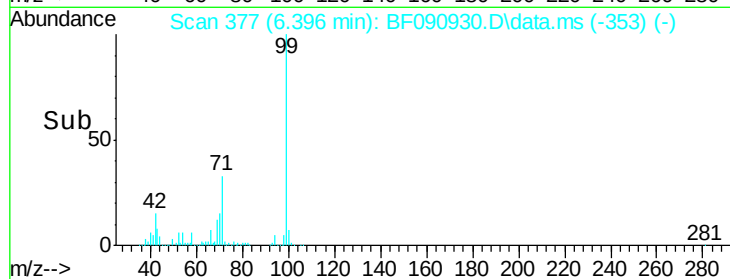
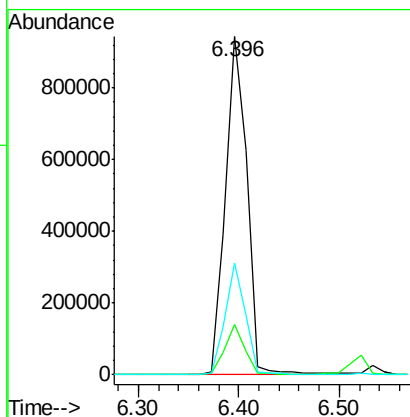
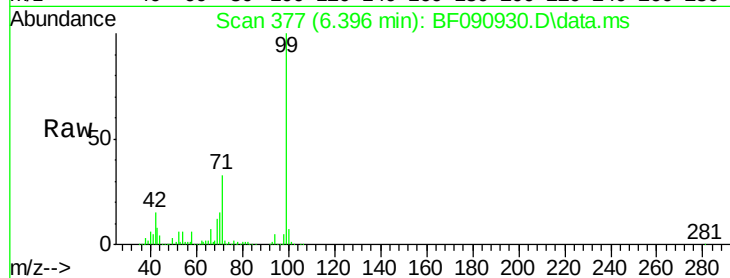
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1390824

Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.7	20.5
71	32.9	14.2	21.2#



#8

2-Chlorophenol

Concen: 42.03 ng

RT: 6.533 min Scan# 389

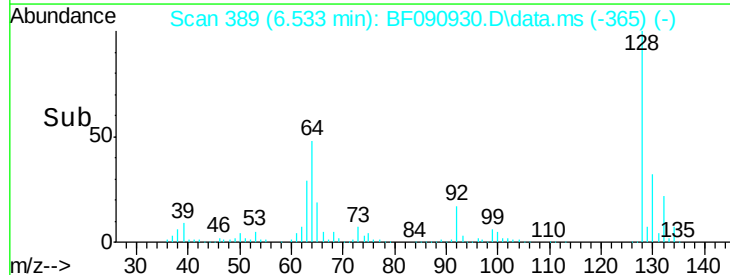
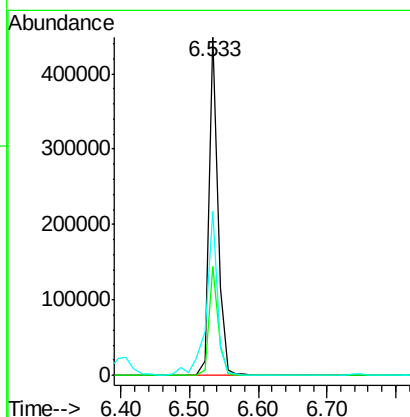
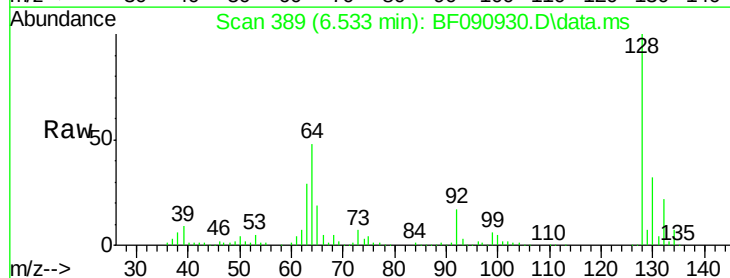
Delta R.T. -0.023 min

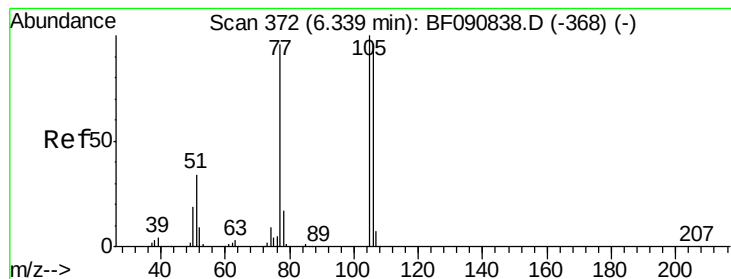
Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Tgt Ion: 128 Resp: 411094

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.2	52.2
64	48.4	20.5	60.5





#9

Benzaldehyde

Concen: 11.35 ng

RT: 6.293 min Scan# 36

Delta R.T. -0.011 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

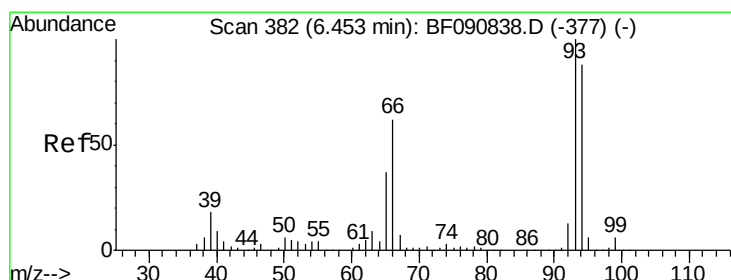
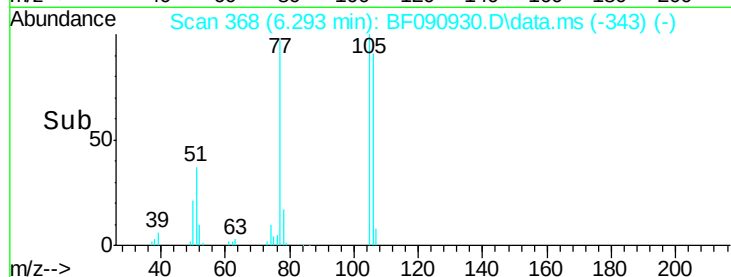
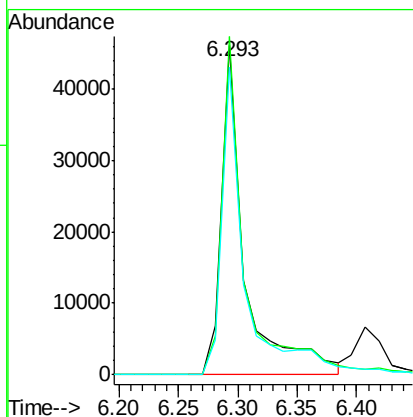
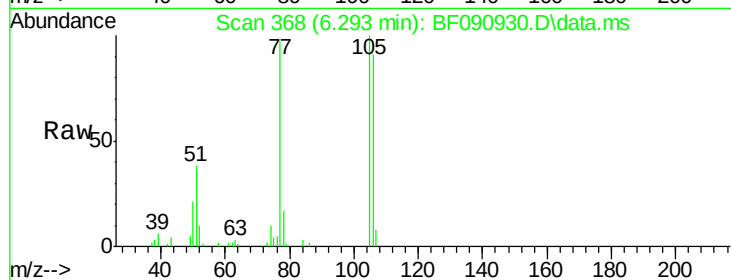
Tot Ion: 77 Resp: 62726

Ion Ratio Lower Upper

77 100

105 102.7 91.6 131.6

106 93.2 102.6 142.6#



#10

Phenol

Concen: 34.67 ng

RT: 6.407 min Scan# 378

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

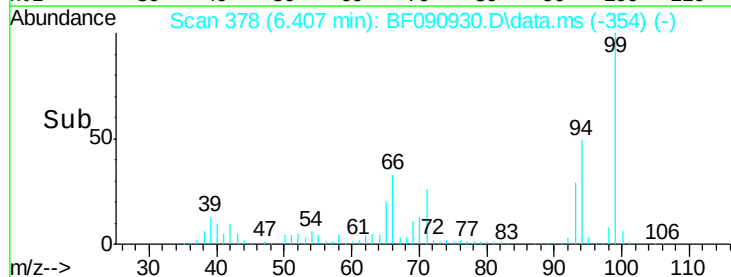
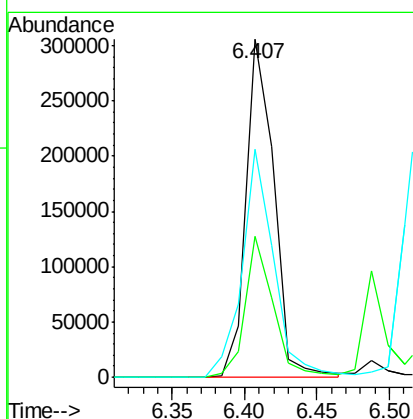
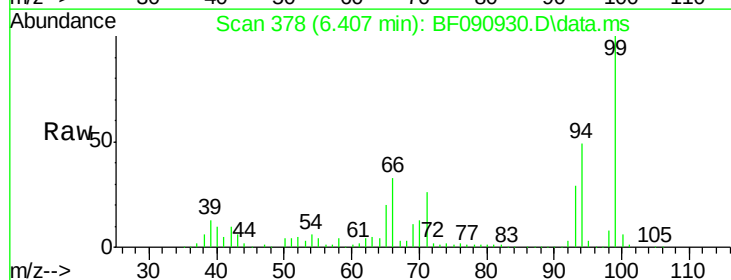
Tgt Ion: 94 Resp: 408728

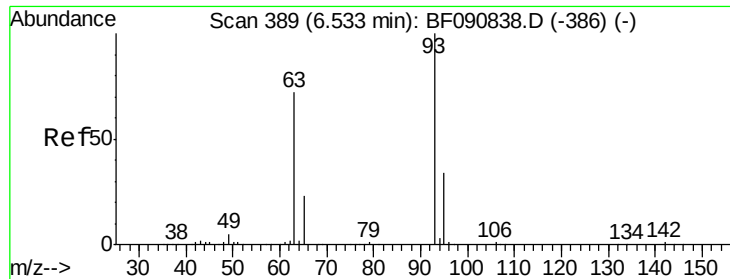
Ion Ratio Lower Upper

94 100

65 41.6 0.7 40.7#

66 67.5 0.8 40.8#

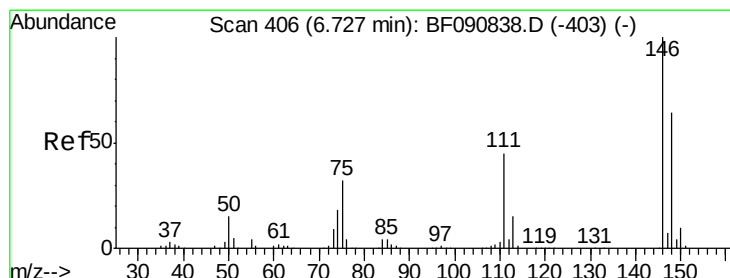
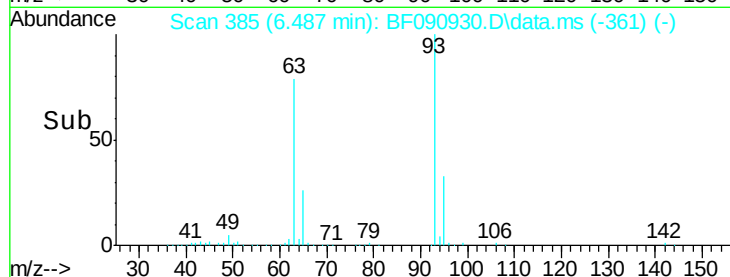
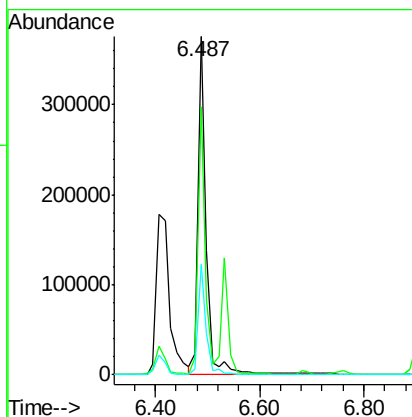
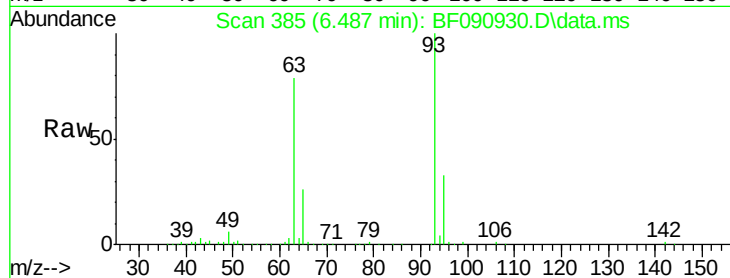




#11
 bis(2-Chloroethyl)ether
 Concen: 41.80 ng
 RT: 6.487 min Scan# 38
 Delta R.T. -0.023 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

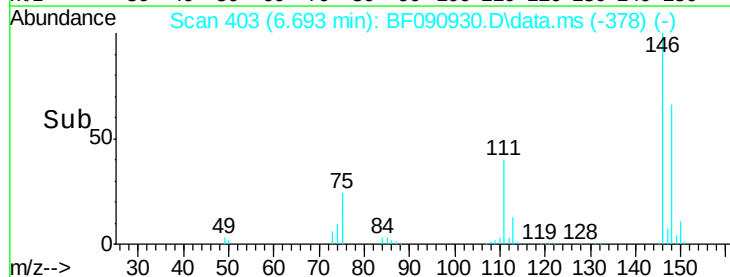
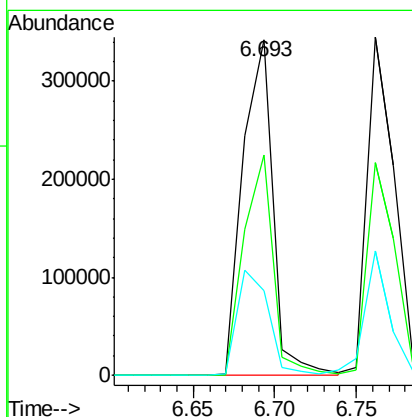
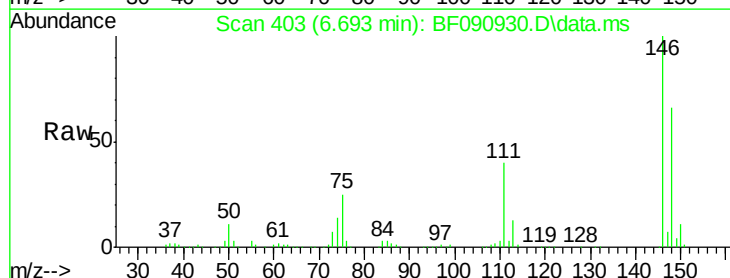
Instrument :
 BNA_F
 ClientSampleId :

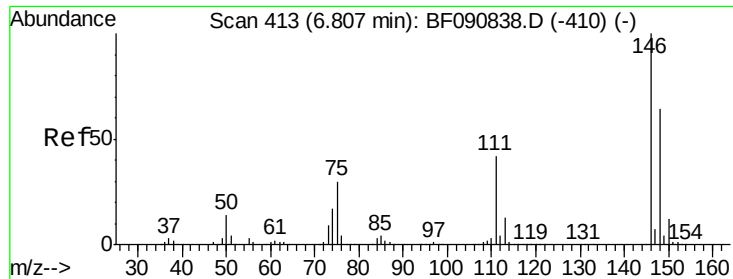
Tot Ion: 93 Resp: 407725
 Ion Ratio Lower Upper
 93 100
 63 79.3 65.6 105.6
 95 32.5 13.6 53.6



#12
 1,3-Dichlorobenzene
 Concen: 43.72 ng
 RT: 6.693 min Scan# 403
 Delta R.T. -0.011 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion: 146 Resp: 437480
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.0 76.4
 75 25.0 15.0 22.6#

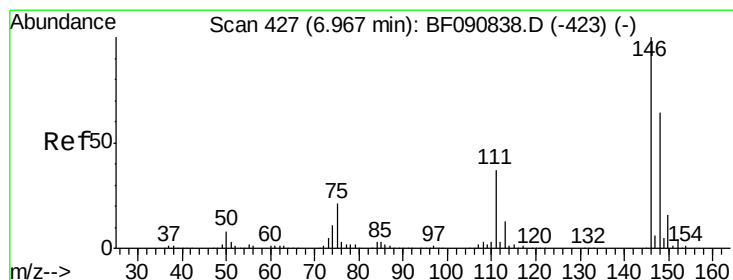
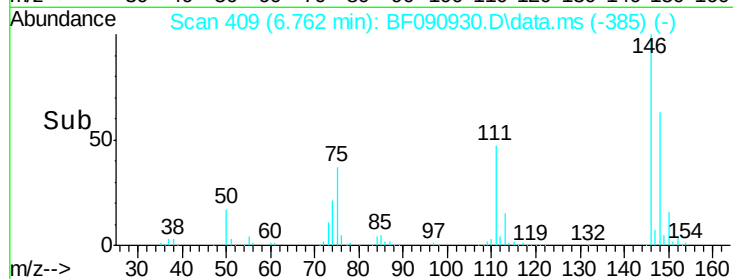
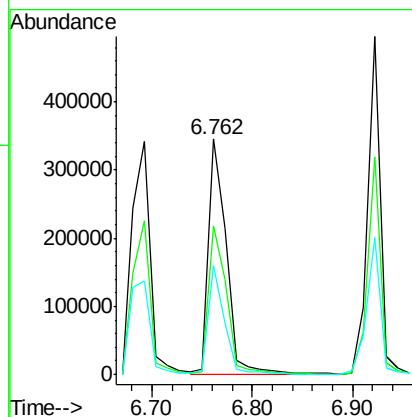
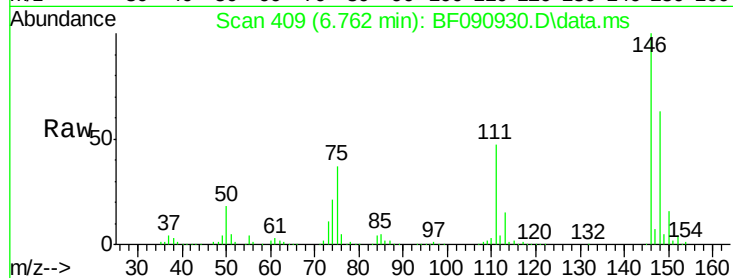




#13
 1,4-Dichlorobenzene
 Concen: 40.37 ng
 RT: 6.762 min Scan# 40
 Delta R.T. -0.023 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

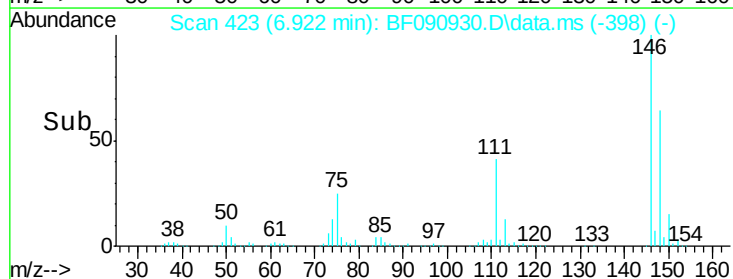
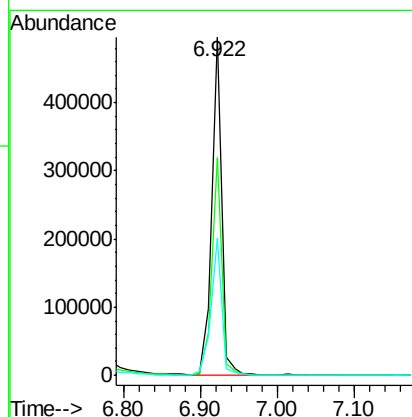
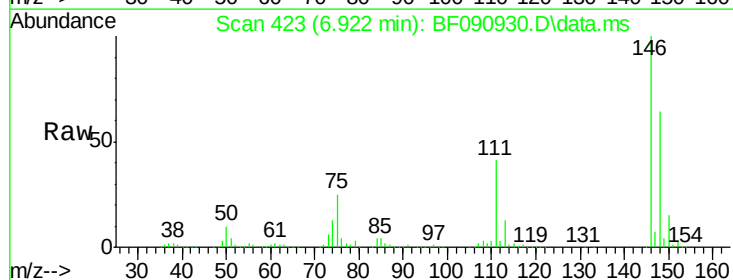
Instrument :
 BNA_F
 ClientSampleId :

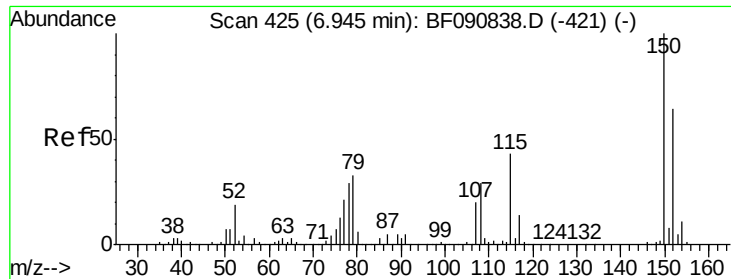
Tot Ion:146 Resp: 424745
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.8 77.6
 111 46.5 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 43.41 ng
 RT: 6.922 min Scan# 423
 Delta R.T. -0.011 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion:146 Resp: 437848
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.7 79.1
 111 40.7 28.8 43.2

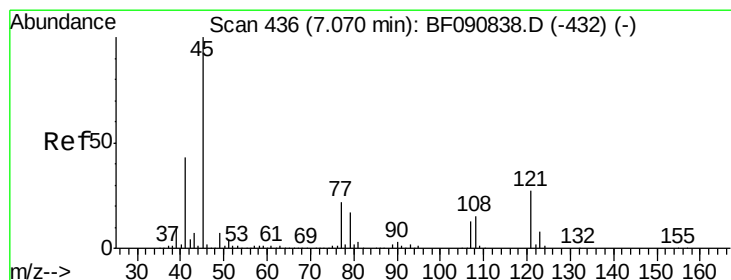
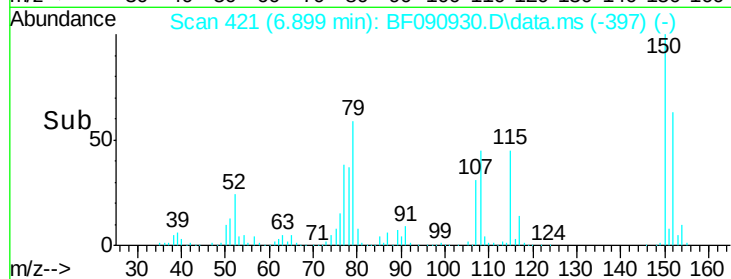
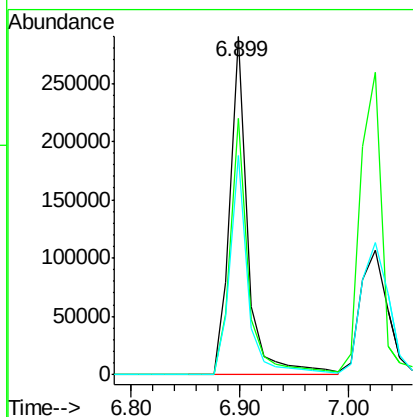
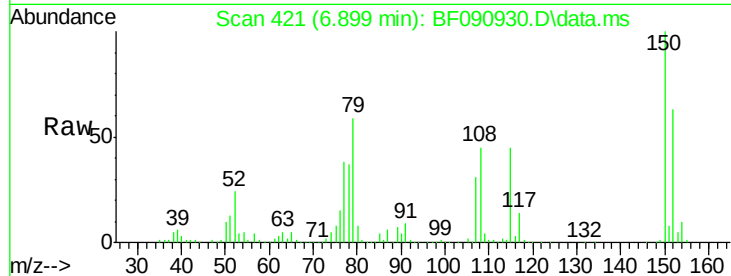




#15
Benzyl Alcohol
Concen: 47.07 ng
RT: 6.899 min Scan# 421
Delta R.T. -0.023 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

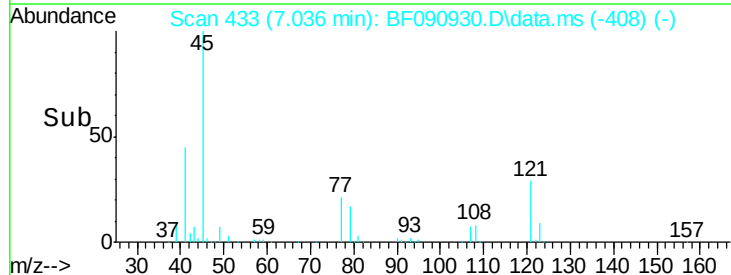
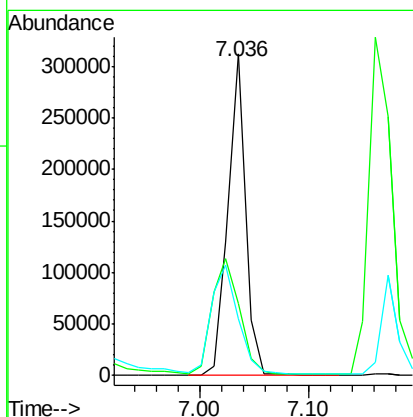
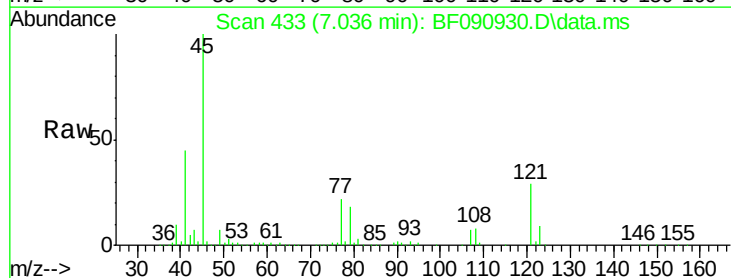
Instrument :
BNA_F
ClientSampleId :

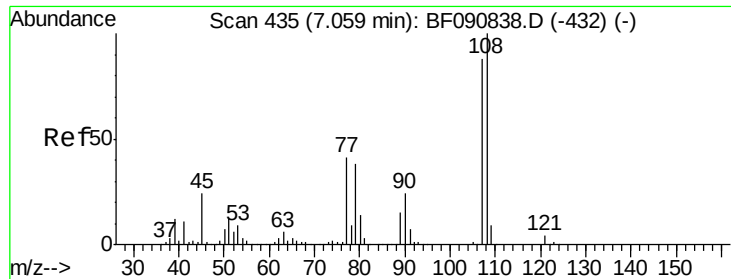
Tot Ion: 79 Resp: 330715
Ion Ratio Lower Upper
79 100
108 75.9 88.6 132.8#
77 64.7 47.0 70.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.94 ng
RT: 7.036 min Scan# 433
Delta R.T. -0.011 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Tgt Ion: 45 Resp: 348808
Ion Ratio Lower Upper
45 100
77 22.3 0.0 28.1
79 17.7 0.0 26.0

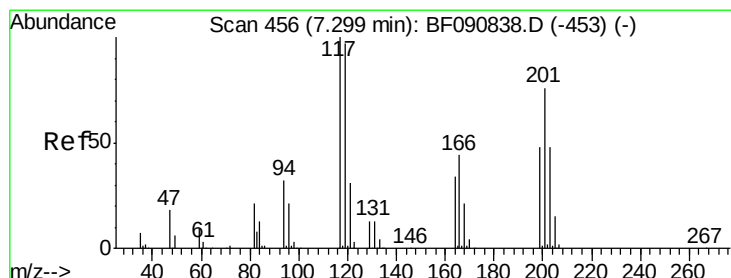
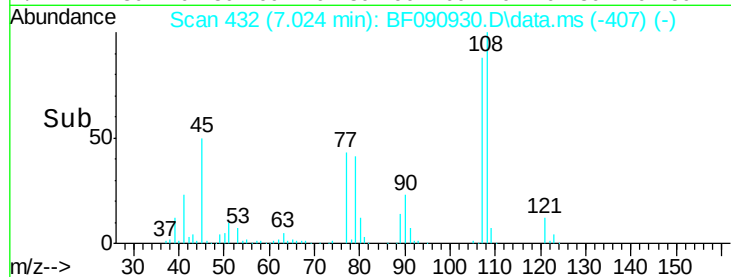
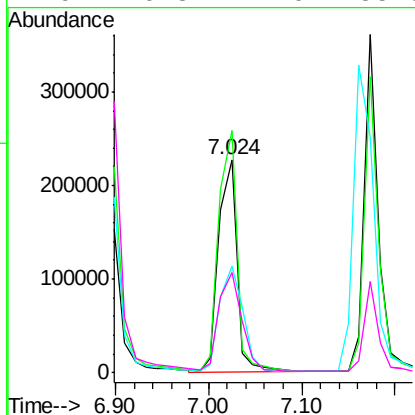
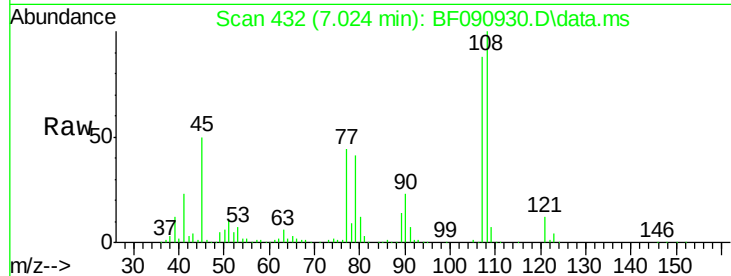




#17
2-Methylphenol
Concen: 42.00 ng
RT: 7.024 min Scan# 43
Delta R.T. -0.011 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

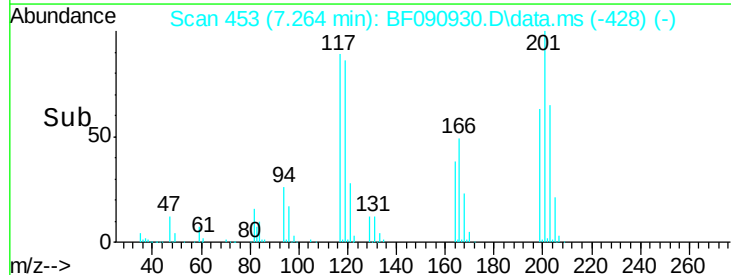
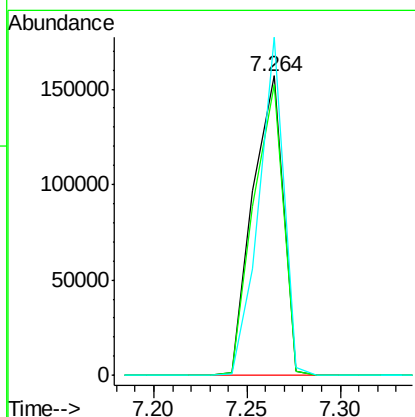
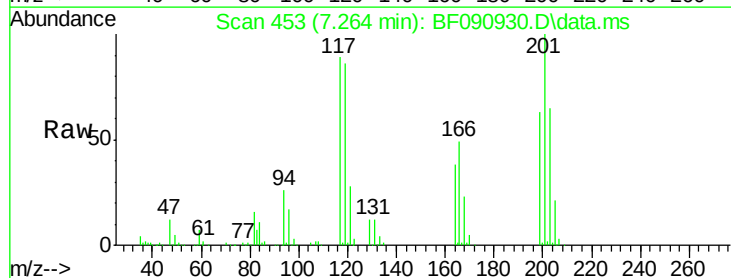
Instrument :
BNA_F
ClientSampleId :

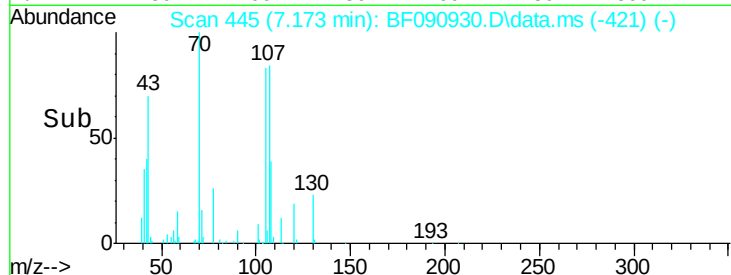
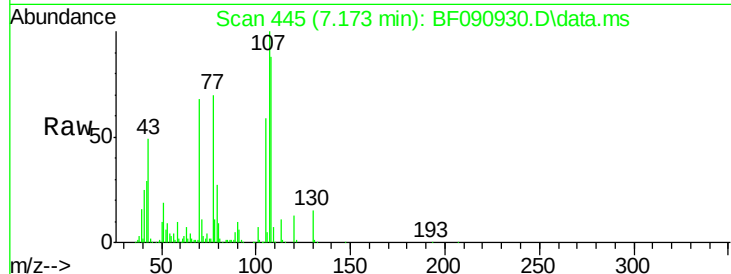
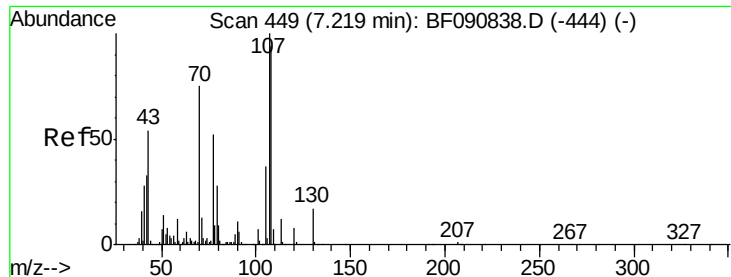
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	96.6	145.0
77	49.6	23.3	34.9#
79	46.8	22.0	33.0#



#18
Hexachloroethane
Concen: 46.04 ng
RT: 7.264 min Scan# 453
Delta R.T. -0.011 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	83.8	125.6
201	113.0	55.1	82.7#

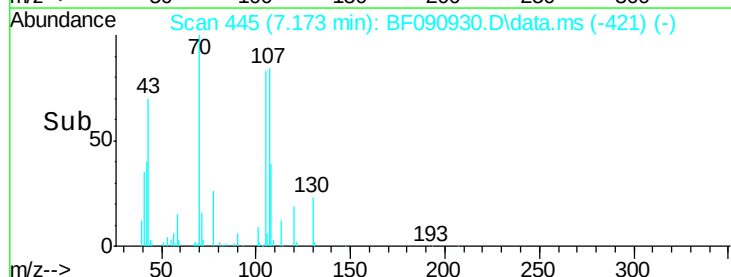
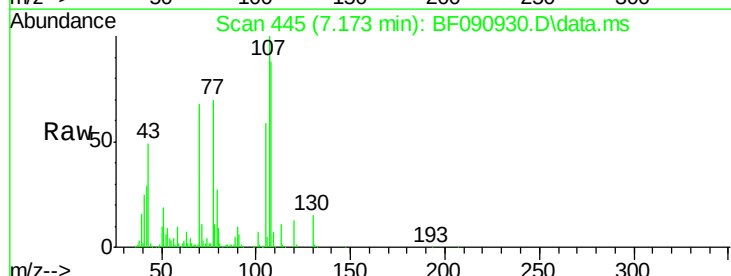
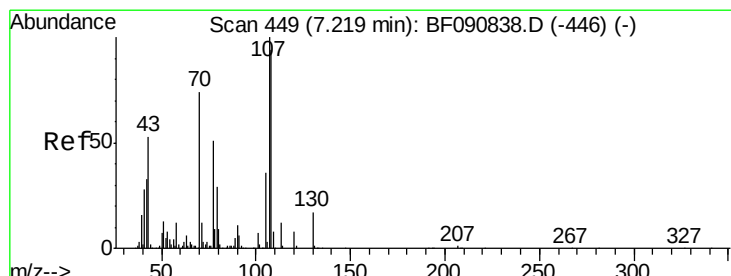
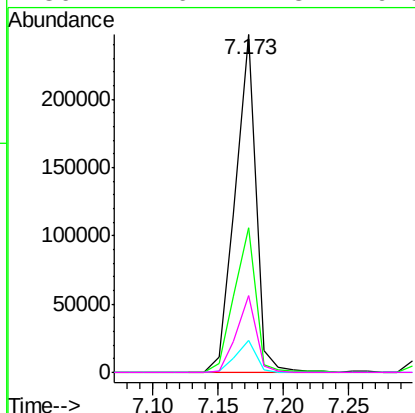




#19
n-Nitroso-di-n-propylamine
Concen: 43.97 ng
RT: 7.173 min Scan# 44
Delta R.T. -0.023 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

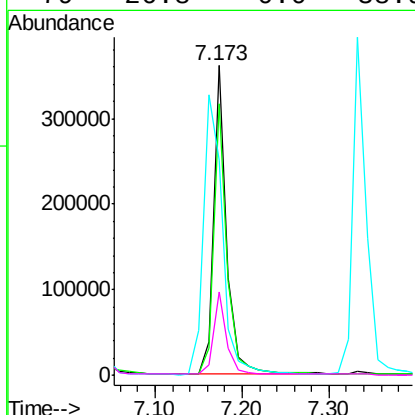
Instrument :
BNA_F
ClientSampleId :

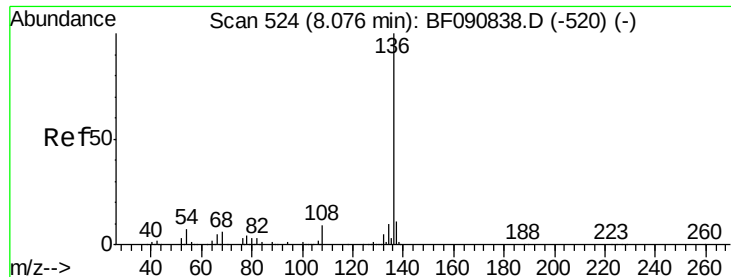
Tot Ion	Ratio	Lower	Upper
70	100		
42	42.7	63.8	95.6#
101	9.5	9.2	13.8
130	22.6	27.3	40.9#



#20
3+4-Methylphenols
Concen: 44.78 ng
RT: 7.173 min Scan# 445
Delta R.T. -0.023 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	74.6	114.6
77	69.6	0.7	40.7#
79	26.8	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.030 min Scan# 52

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 542790

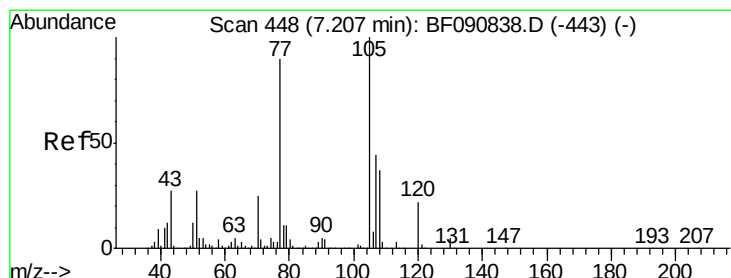
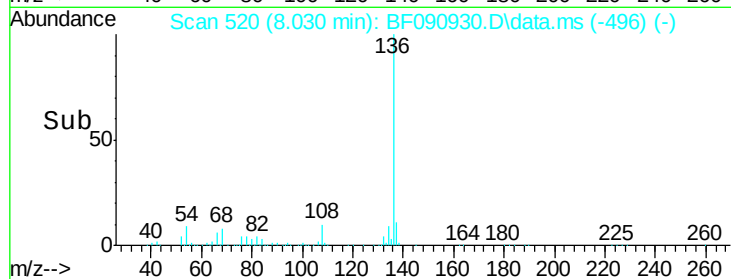
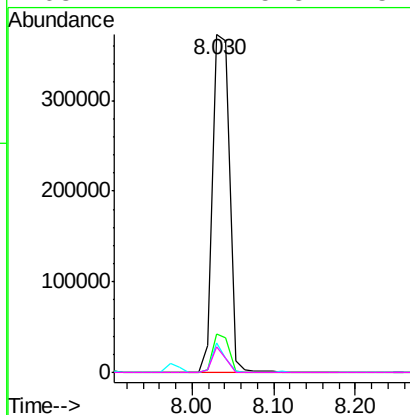
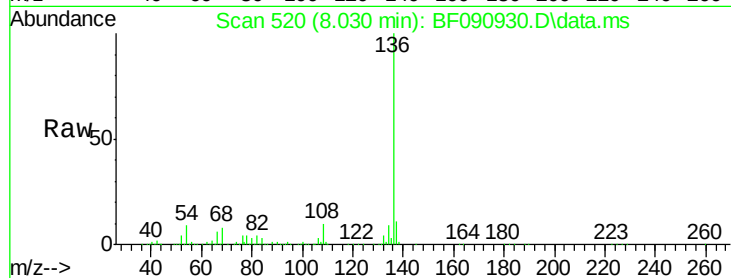
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 8.6 8.2 12.2

68 7.7 5.8 8.6



#22

Acetophenone

Concen: 46.58 ng

RT: 7.162 min Scan# 444

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Tgt Ion:105 Resp: 520126

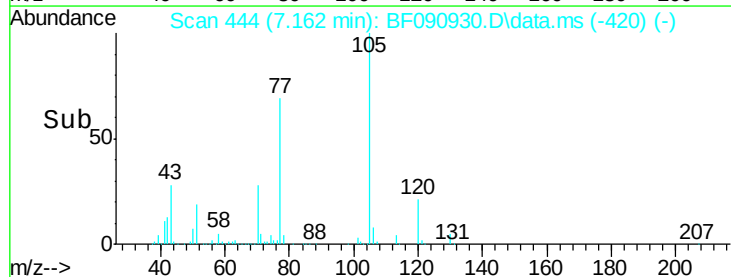
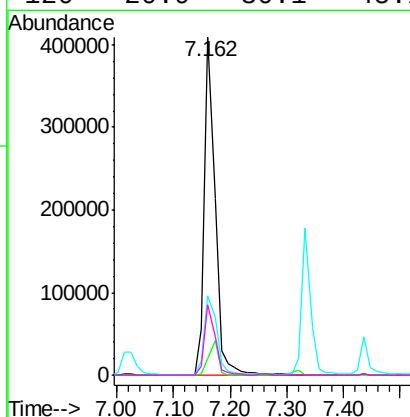
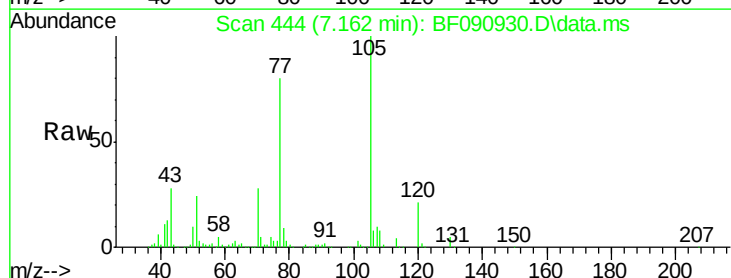
Ion Ratio Lower Upper

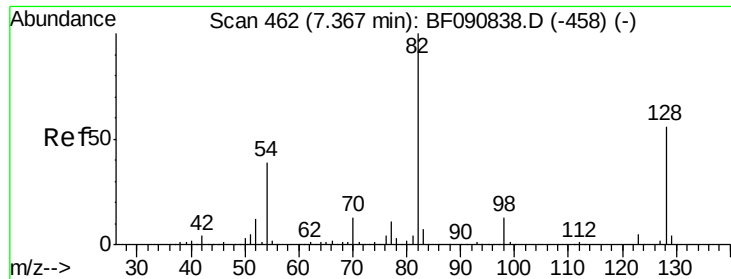
105 100

71 4.8 4.7 7.1

51 23.5 22.0 33.0

120 20.9 30.1 45.1#





#23

Nitrobenzene-d5

Concen: 112.93 ng

RT: 7.322 min Scan# 45

Delta R.T. -0.011 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

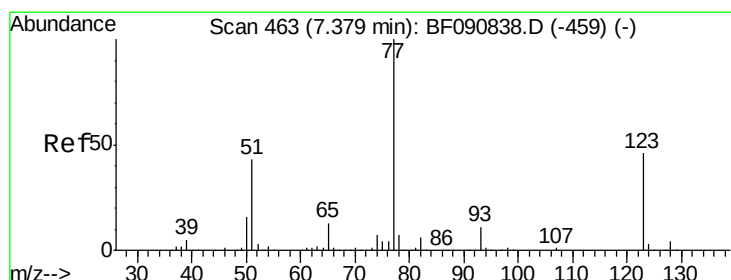
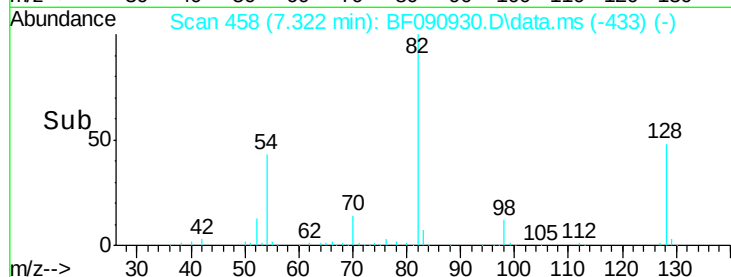
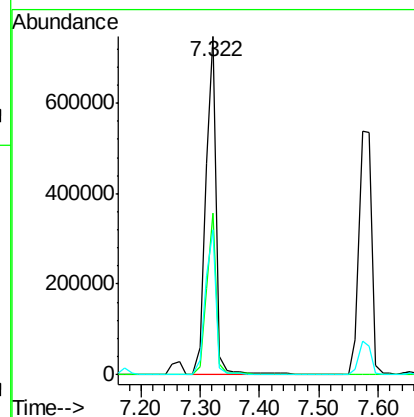
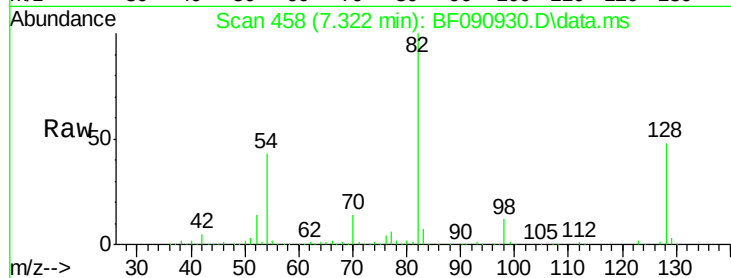
Tot Ion: 82 Resp: 936313

Ion Ratio Lower Upper

82 100

128 47.7 51.0 76.6#

54 42.9 47.5 71.3#



#24

Nitrobenzene

Concen: 48.81 ng

RT: 7.333 min Scan# 459

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

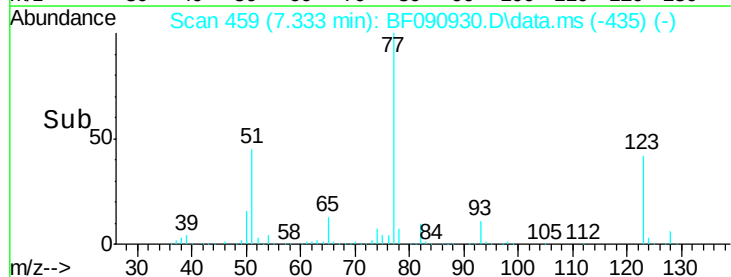
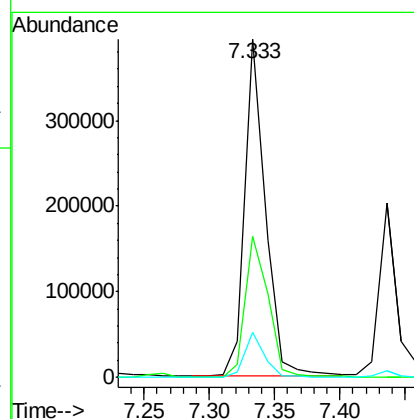
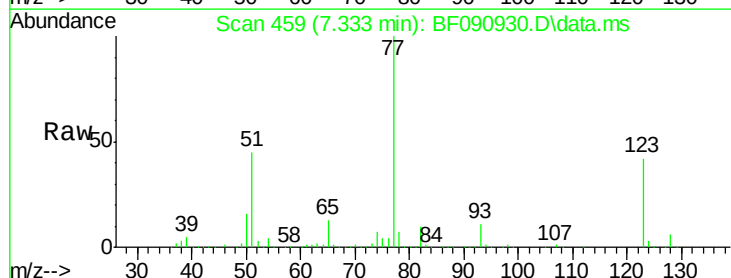
Tgt Ion: 77 Resp: 428039

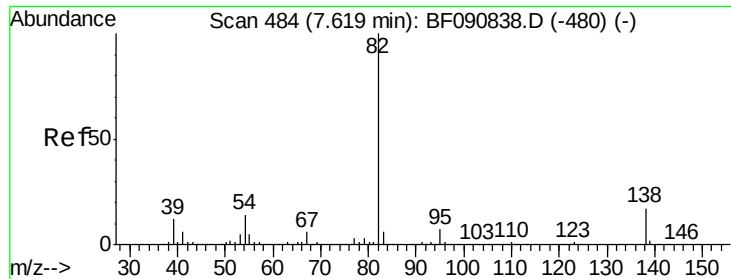
Ion Ratio Lower Upper

77 100

123 41.6 59.8 89.8#

65 13.3 10.2 15.4





#25

Isophorone

Concen: 47.81 ng

RT: 7.573 min Scan# 48

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

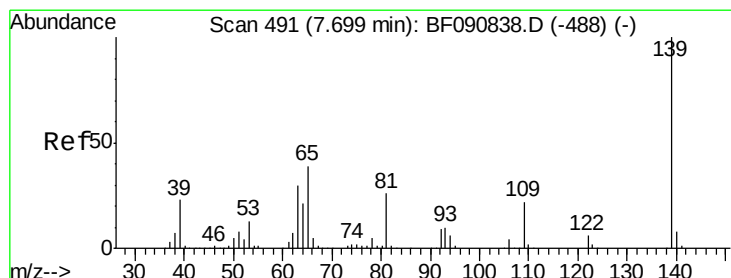
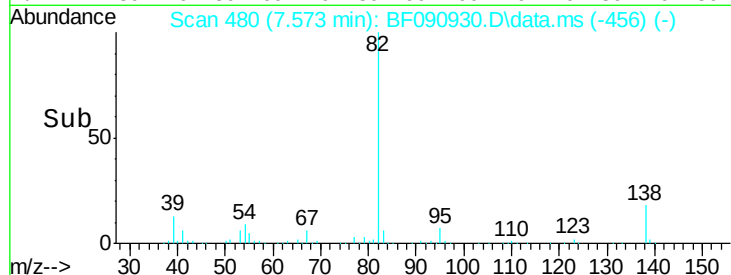
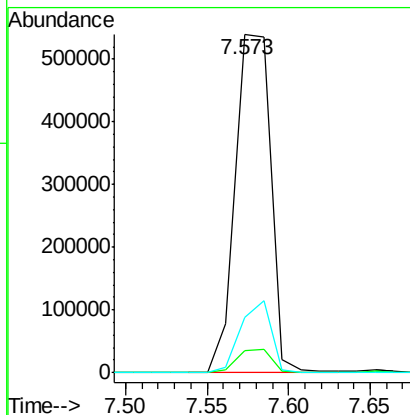
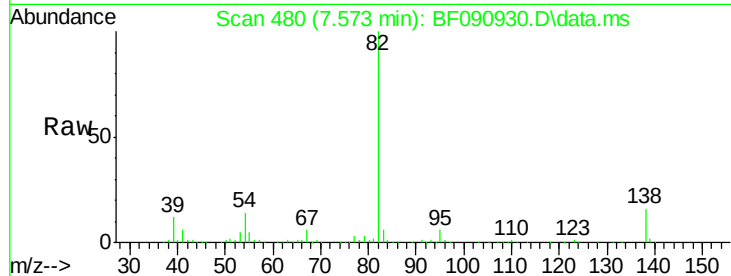
Tot Ion: 82 Resp: 804490

Ion Ratio Lower Upper

82 100

95 6.5 4.0 6.0#

138 16.2 18.3 27.5#



#26

2-Nitrophenol

Concen: 46.99 ng

RT: 7.653 min Scan# 487

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

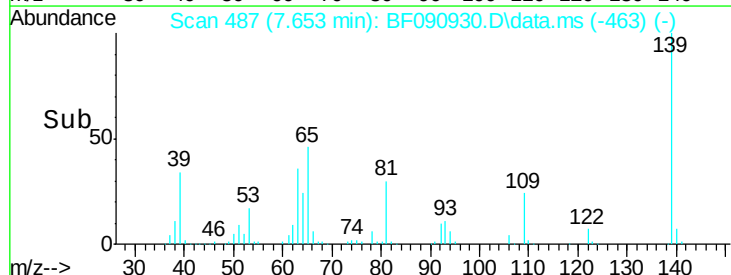
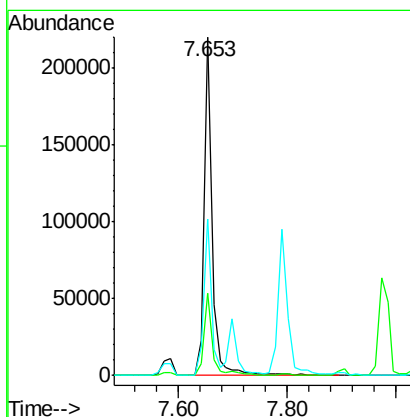
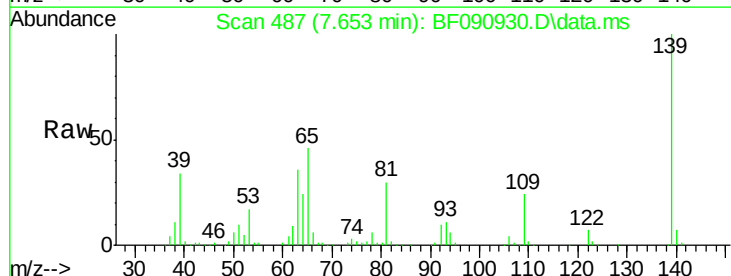
Tgt Ion: 139 Resp: 220778

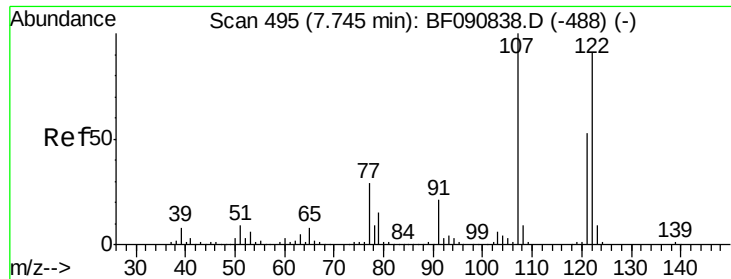
Ion Ratio Lower Upper

139 100

109 24.2 11.0 16.4#

65 46.2 24.7 37.1#

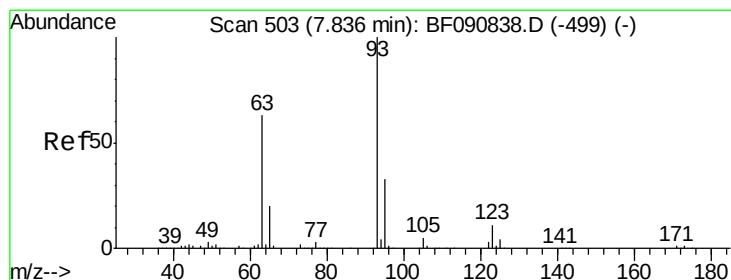
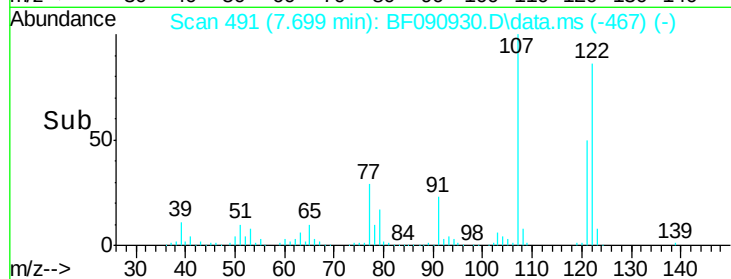
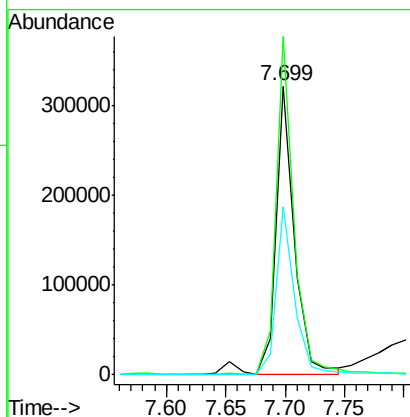
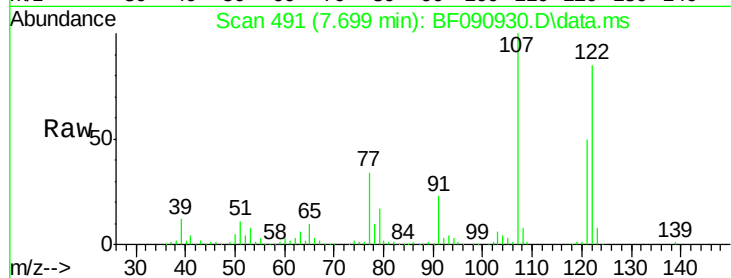




#27
 2,4-Dimethylphenol
 Concen: 46.82 ng
 RT: 7.699 min Scan# 491
 Delta R.T. -0.023 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

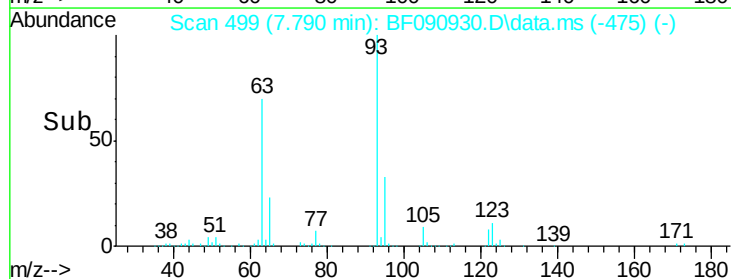
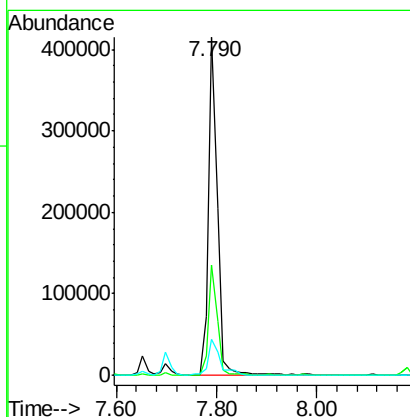
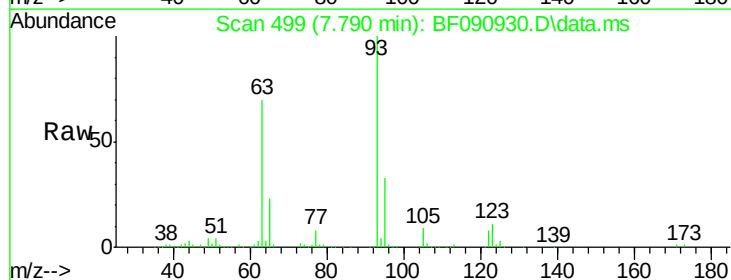
Instrument :
 BNA_F
 ClientSampleId :

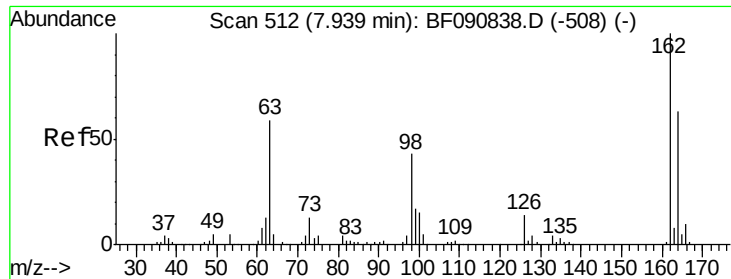
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.1	71.8	107.6#
121	58.3	42.3	63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.96 ng
 RT: 7.790 min Scan# 499
 Delta R.T. -0.023 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	27.5	41.3
123	10.8	13.7	20.5#

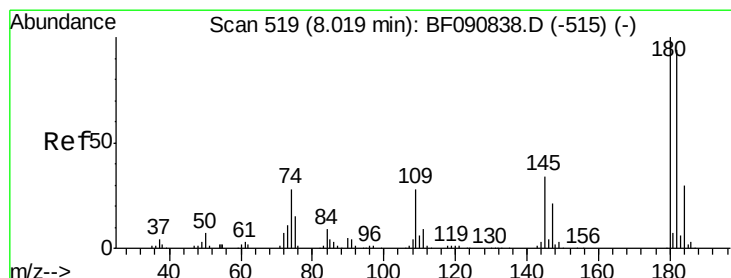
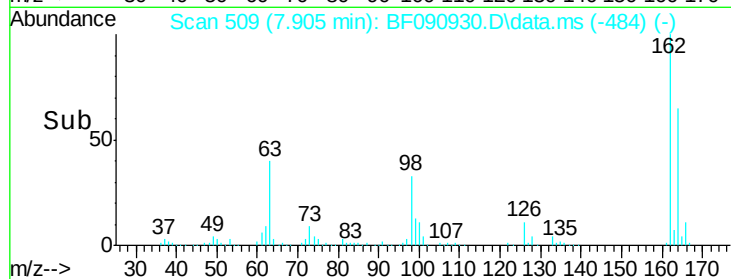
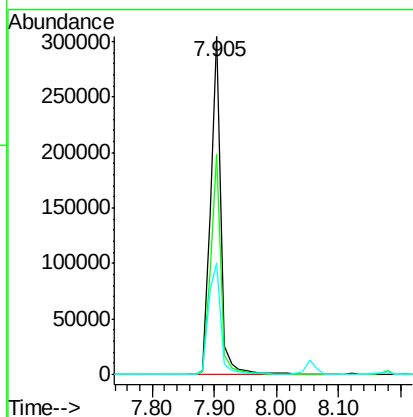
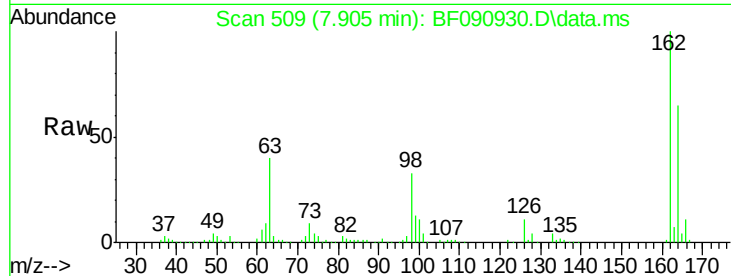




#29
 2,4-Dichlorophenol
 Concen: 49.48 ng
 RT: 7.905 min Scan# 50
 Delta R.T. -0.011 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

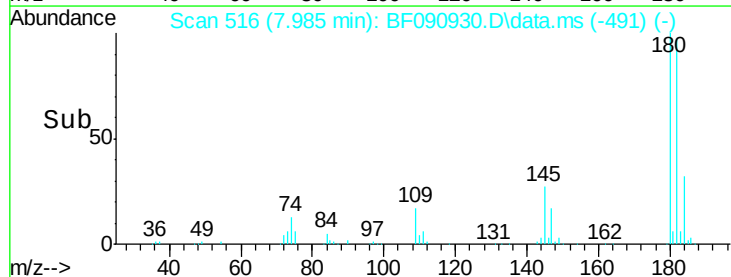
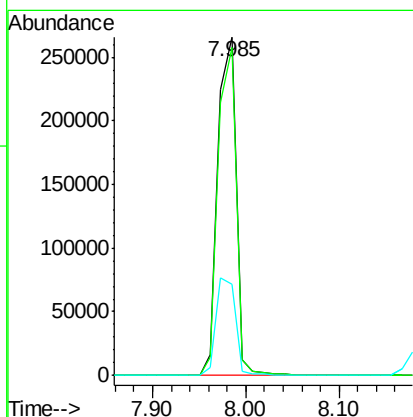
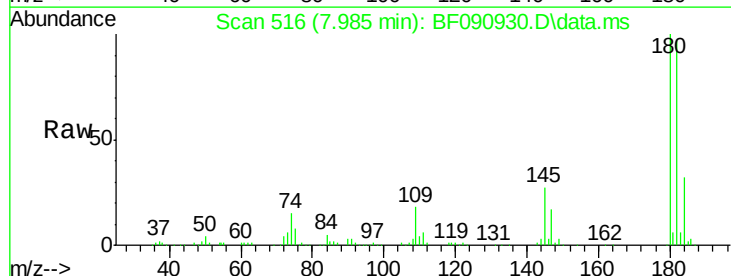
Instrument :
 BNA_F
 ClientSampleId :

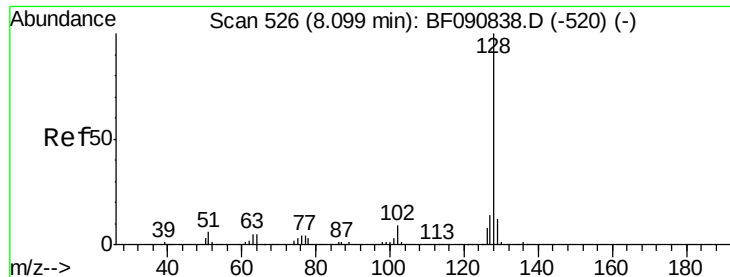
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.9	84.9
98	32.8	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 44.42 ng
 RT: 7.985 min Scan# 516
 Delta R.T. -0.011 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.1	115.7
145	26.8	23.3	34.9





#31

Naphthalene

Concen: 43.18 ng

RT: 8.053 min Scan# 52

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

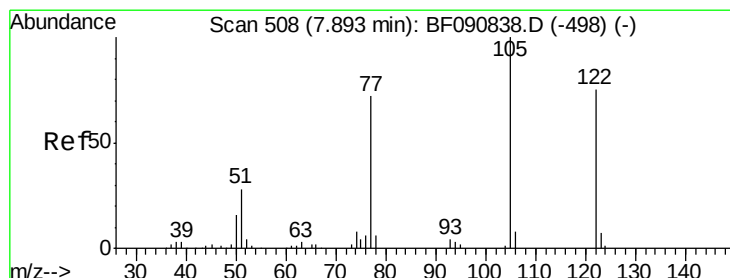
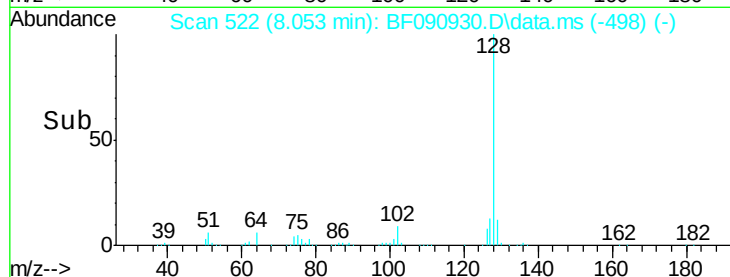
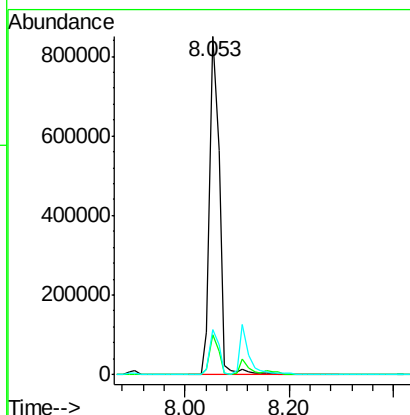
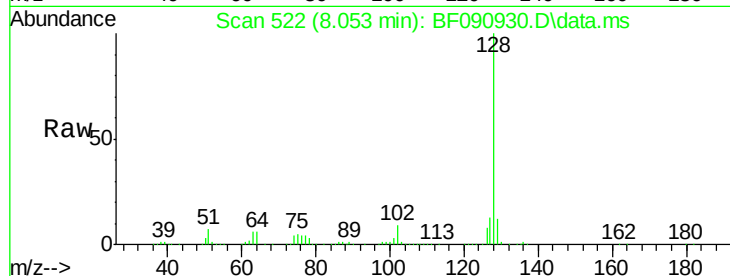
Tot Ion:128 Resp: 1095527

Ion Ratio Lower Upper

128 100

129 11.6 8.4 12.6

127 13.4 9.9 14.9



#32

Benzoic acid

Concen: 41.55 ng

RT: 7.836 min Scan# 503

Delta R.T. -0.046 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

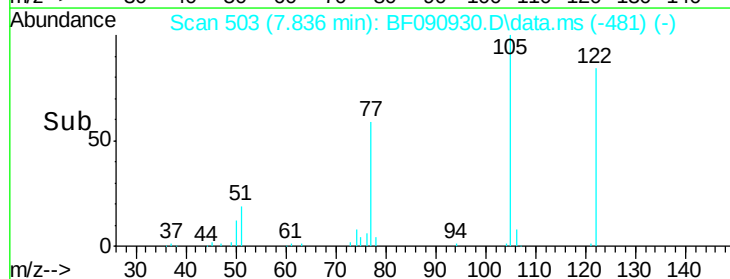
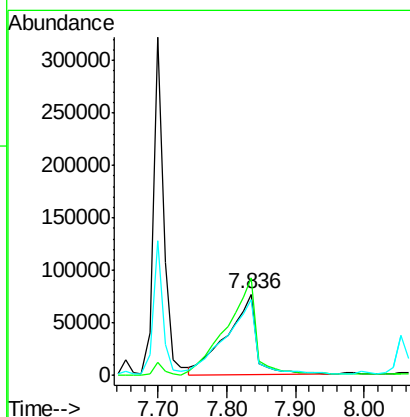
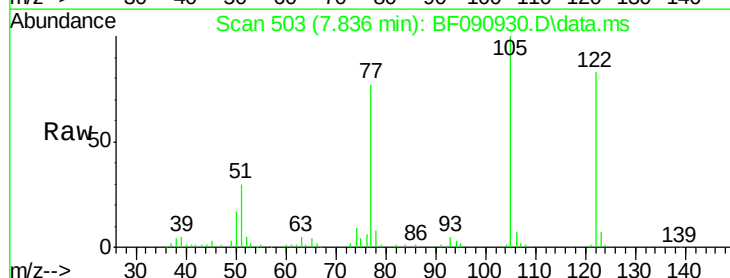
Tgt Ion:122 Resp: 229472

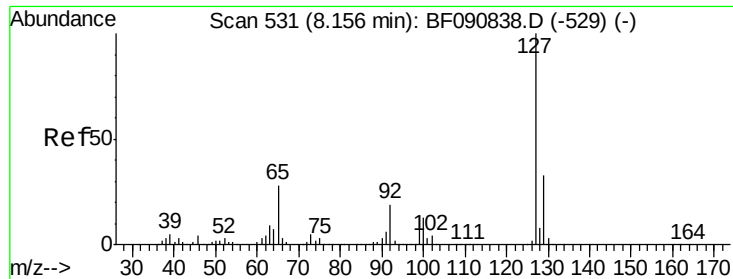
Ion Ratio Lower Upper

122 100

105 120.7 76.1 116.1#

77 93.3 40.5 80.5#

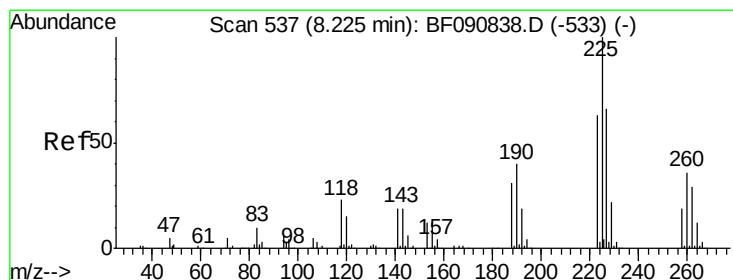
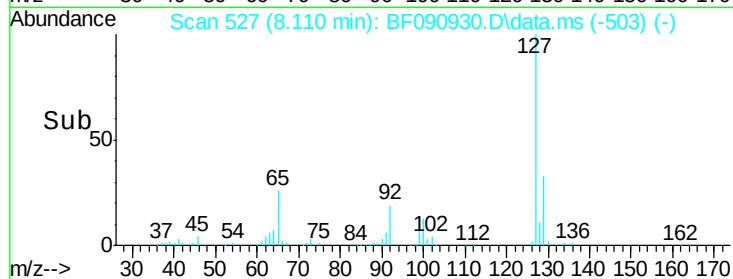
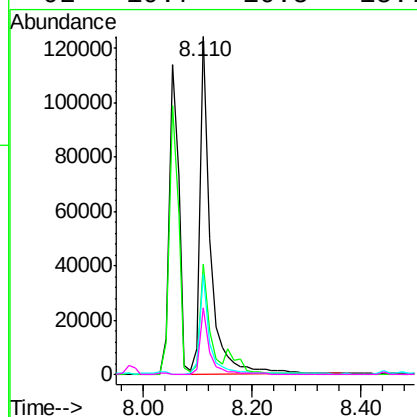
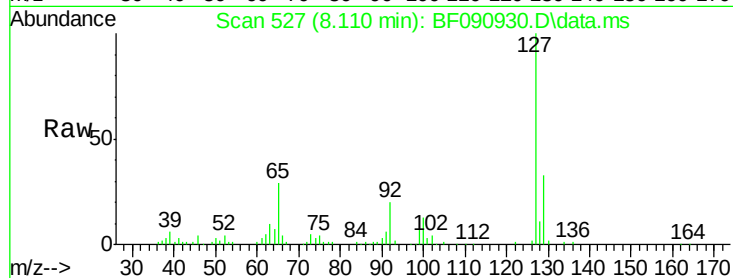




#33
4-Chloroaniline
Concen: 15.90 ng
RT: 8.110 min Scan# 52
Delta R.T. -0.023 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

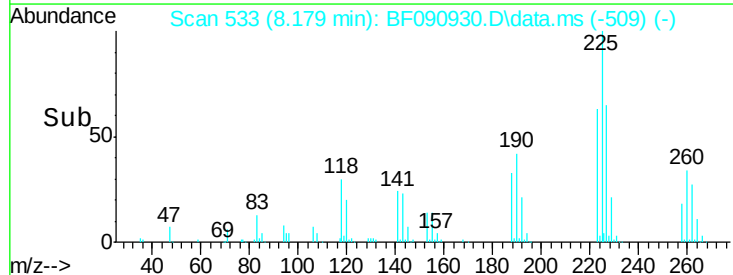
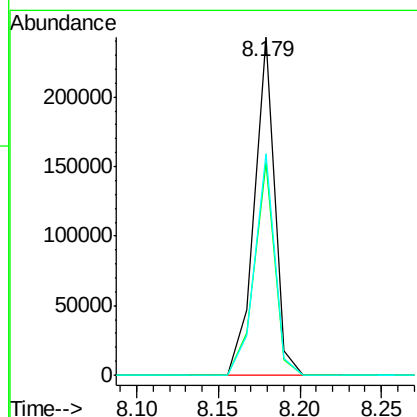
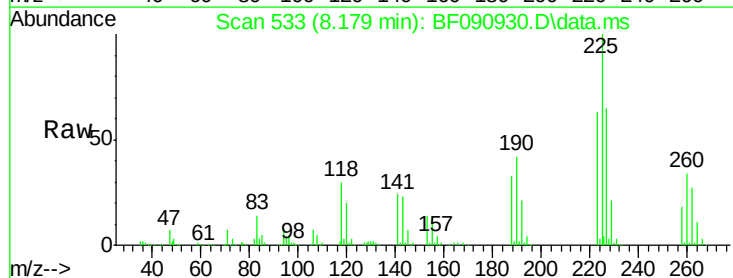
Instrument :
BNA_F
ClientSampleId :

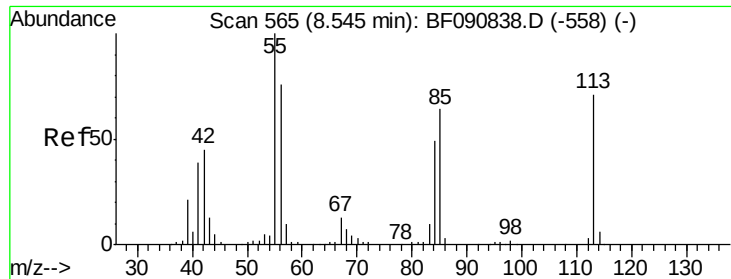
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.6
65	29.4	17.9	26.9
92	19.7	10.5	15.7



#34
Hexachlorobutadiene
Concen: 44.16 ng
RT: 8.179 min Scan# 533
Delta R.T. -0.023 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.2	75.2
227	65.4	52.2	78.2





#35

Caprolactam

Concen: 31.58 ng

RT: 8.476 min Scan# 55

Delta R.T. -0.046 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

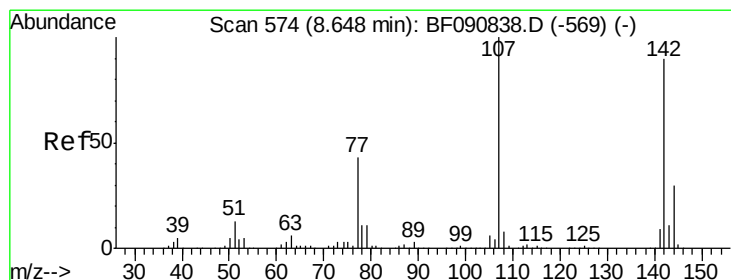
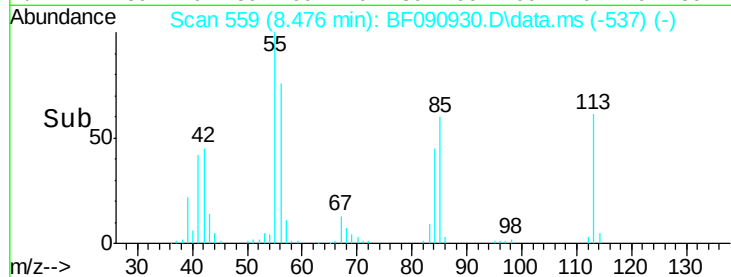
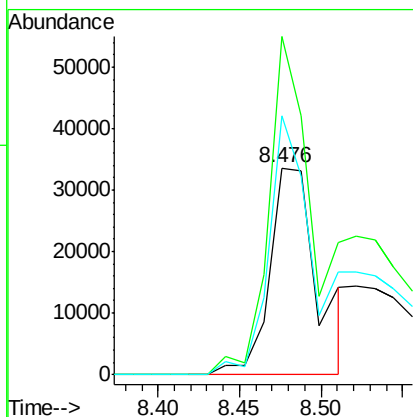
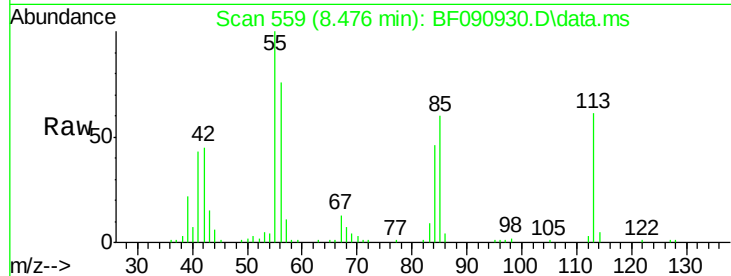
Tot Ion:113 Resp: 69038

Ion Ratio Lower Upper

113 100

55 163.5 152.4 192.4

56 125.1 104.6 144.6



#36

4-Chloro-3-methylphenol

Concen: 46.68 ng

RT: 8.602 min Scan# 570

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

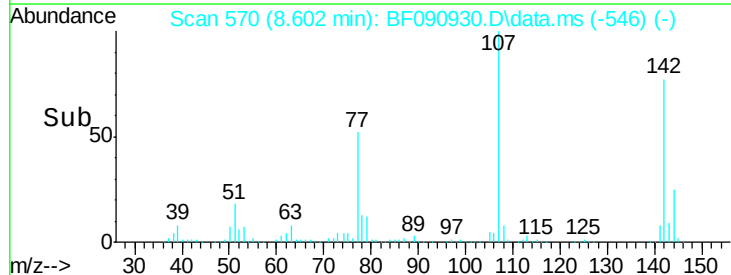
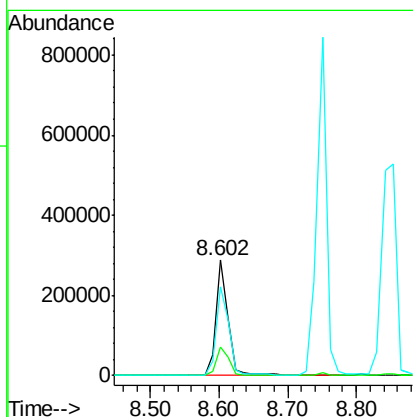
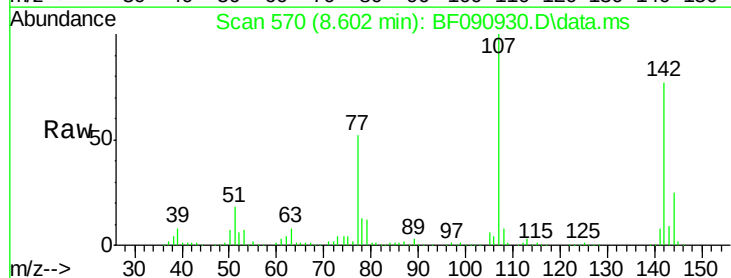
Tgt Ion:107 Resp: 357572

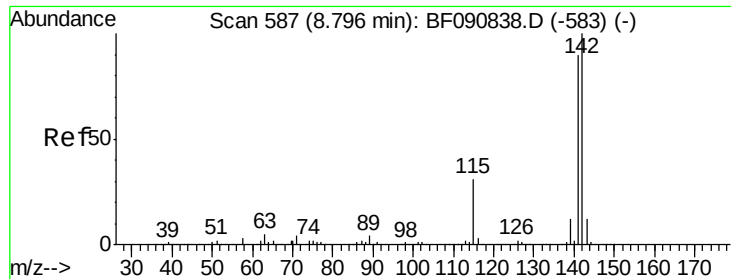
Ion Ratio Lower Upper

107 100

144 24.6 25.4 38.0#

142 77.1 77.3 115.9#





#37

2-Methylnaphthalene

Concen: 48.78 ng

RT: 8.750 min Scan# 58

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

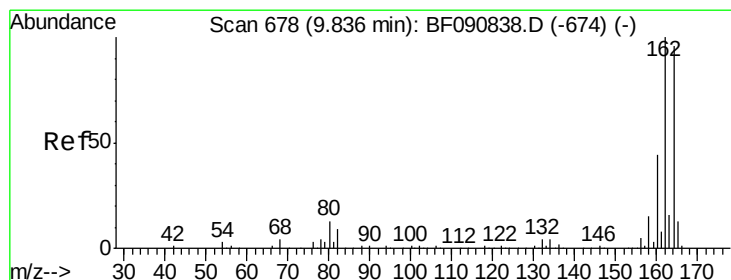
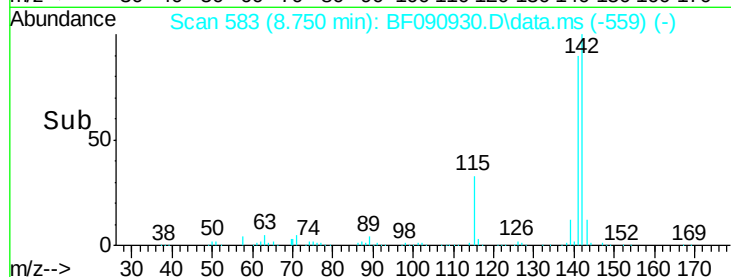
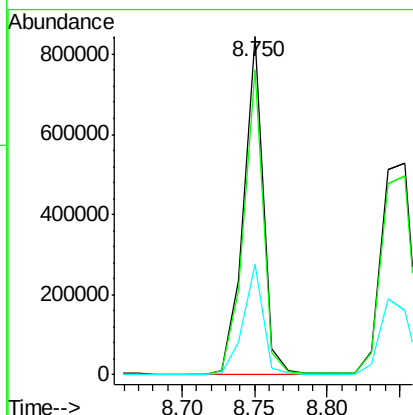
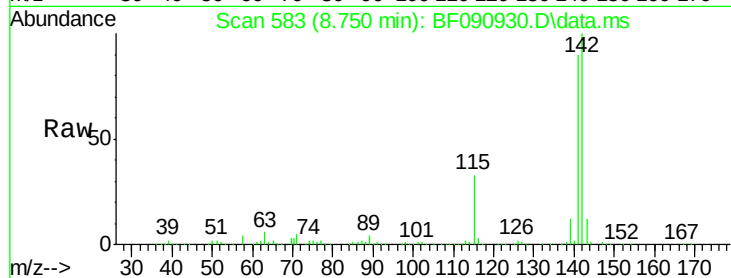
Tot Ion:142 Resp: 799334

Ion Ratio Lower Upper

142 100

141 90.3 67.5 101.3

115 32.6 18.2 27.2#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.790 min Scan# 674

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

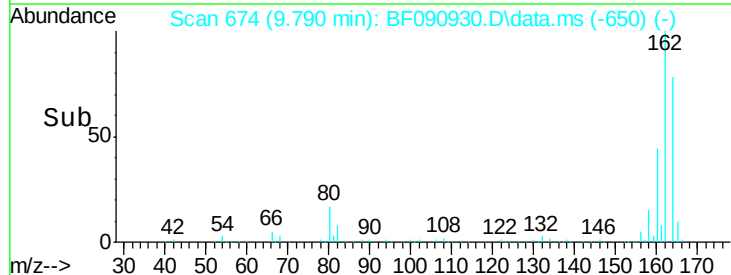
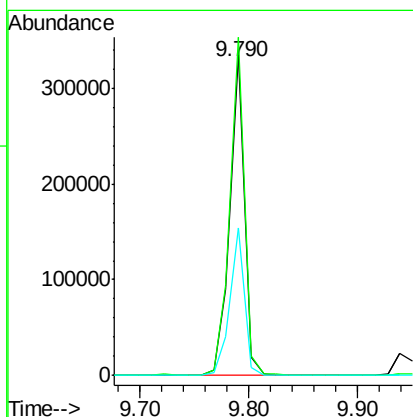
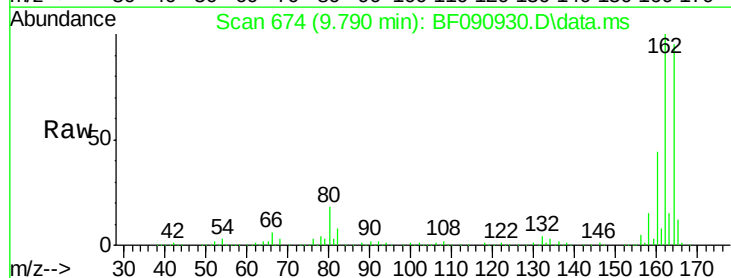
Tgt Ion:164 Resp: 310649

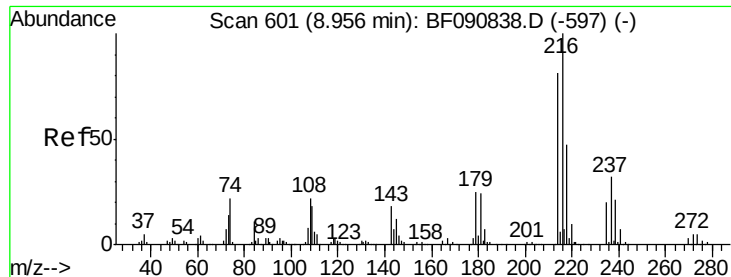
Ion Ratio Lower Upper

164 100

162 105.6 75.2 112.8

160 46.1 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.94 ng

RT: 8.922 min Scan# 59

Delta R.T. -0.011 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 382988

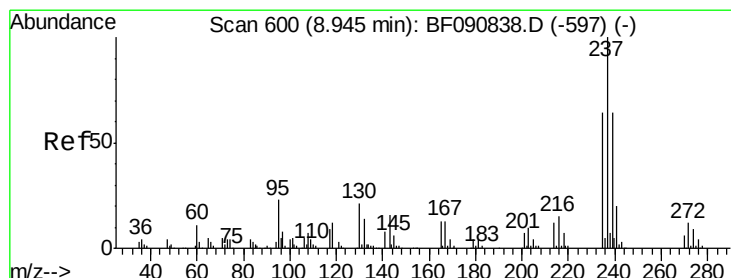
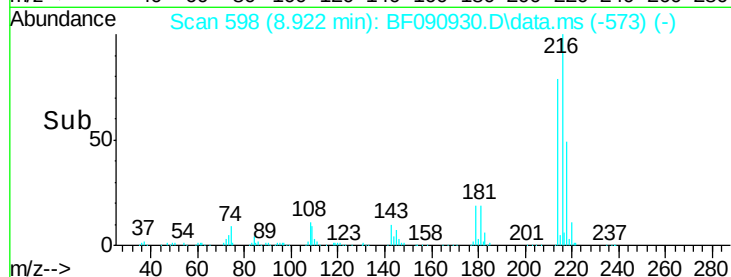
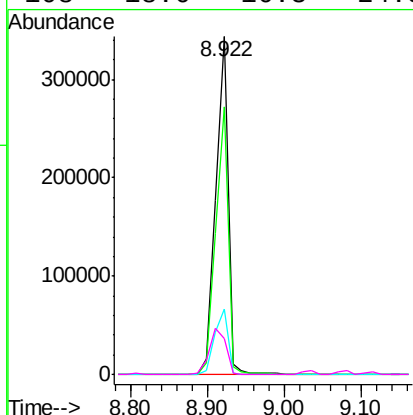
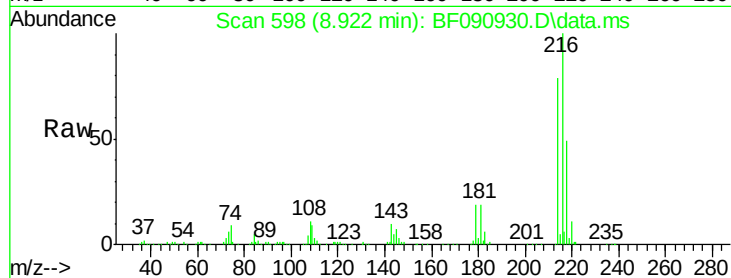
Ion Ratio Lower Upper

216 100

214 79.6 63.5 95.3

179 21.2 16.6 24.8

108 18.6 16.3 24.5



#40

Hexachlorocyclopentadiene

Concen: 80.28 ng

RT: 8.910 min Scan# 597

Delta R.T. -0.011 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

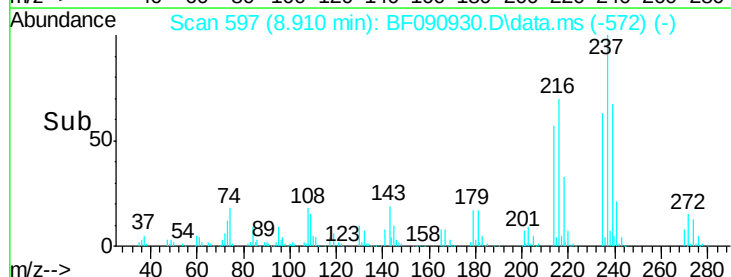
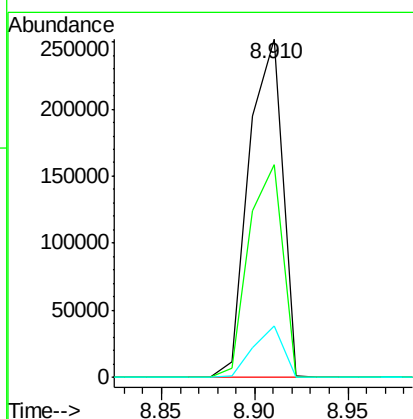
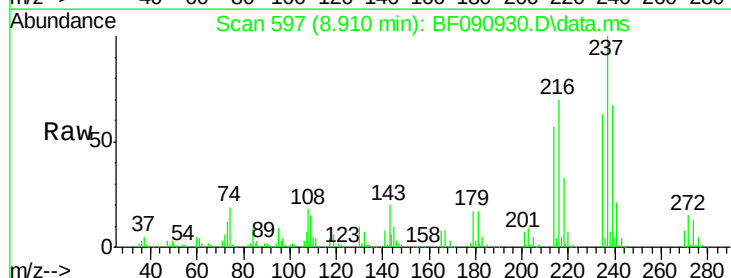
Tgt Ion:237 Resp: 314756

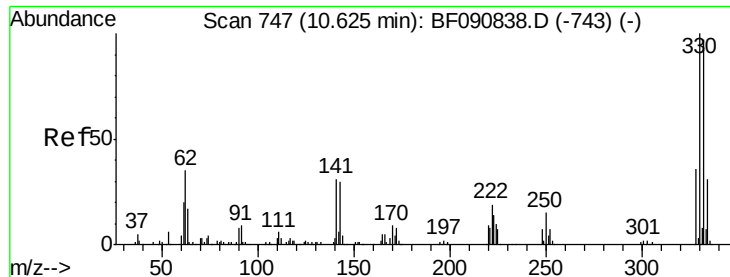
Ion Ratio Lower Upper

237 100

235 62.8 42.0 82.0

272 15.3 0.0 36.1

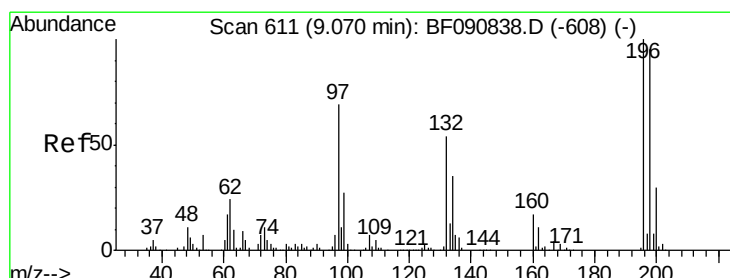
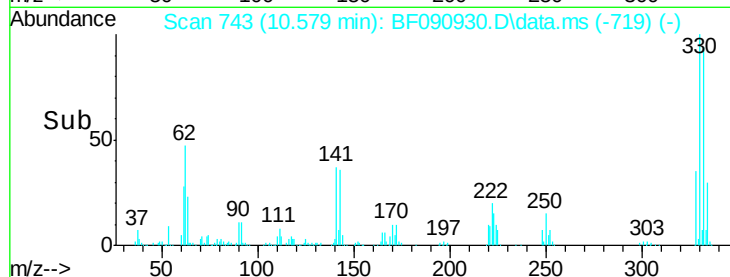
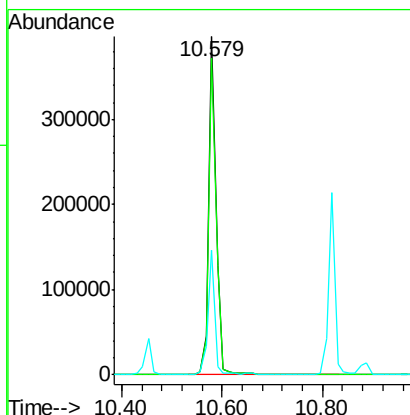
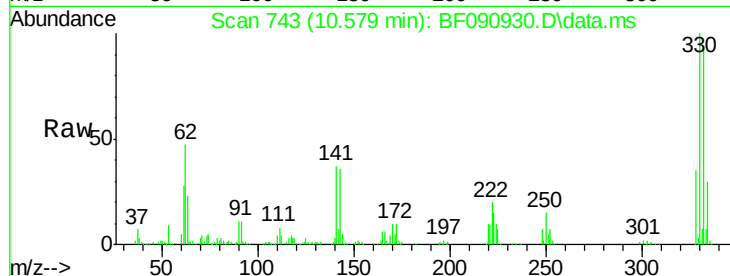




#41
 2,4,6-Tribromophenol
 Concen: 128.04 ng
 RT: 10.579 min Scan# 74
 Delta R.T. -0.023 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

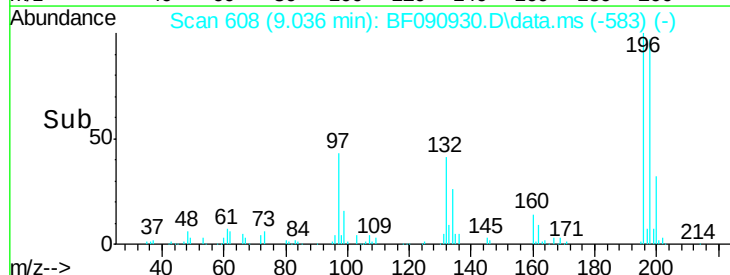
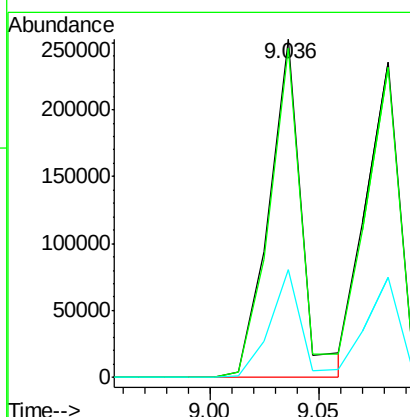
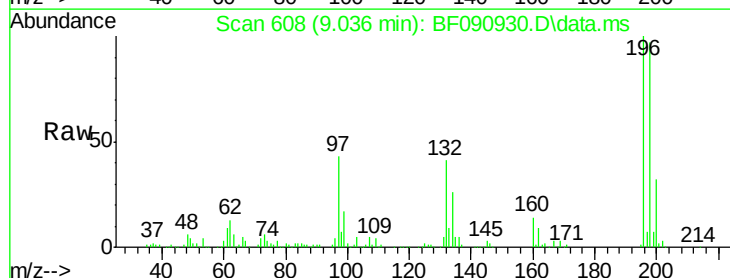
Instrument :
 BNA_F
 ClientSampleId :

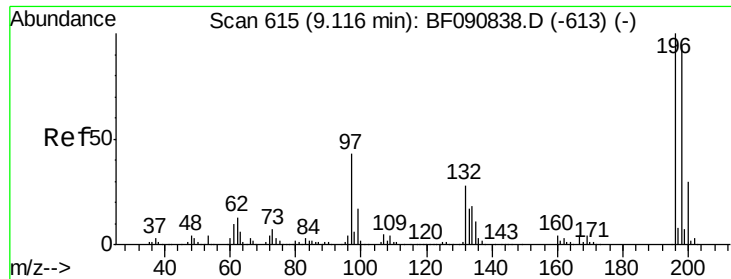
Tot Ion:330 Resp: 408772
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 32.5 29.7 44.5



#42
 2,4,6-Trichlorophenol
 Concen: 48.15 ng
 RT: 9.036 min Scan# 608
 Delta R.T. -0.011 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion:196 Resp: 264891
 Ion Ratio Lower Upper
 196 100
 198 97.4 75.7 113.5
 200 31.9 23.9 35.9

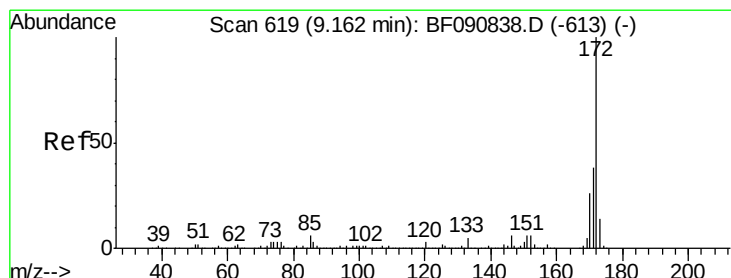
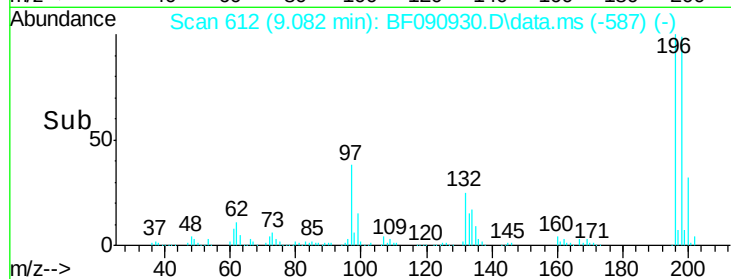
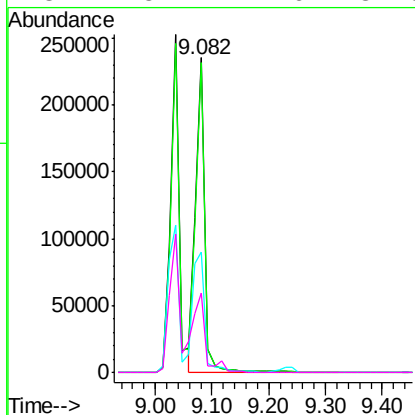
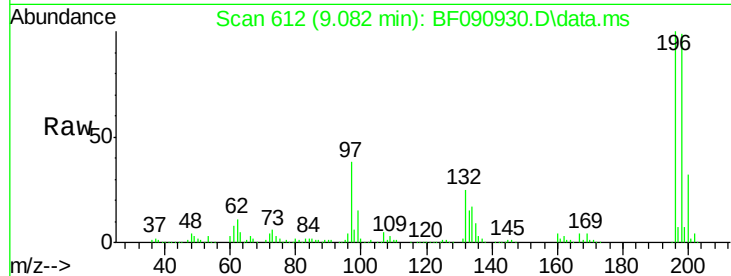




#43
 2,4,5-Trichlorophenol
 Concen: 46.72 ng
 RT: 9.082 min Scan# 61
 Delta R.T. -0.011 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

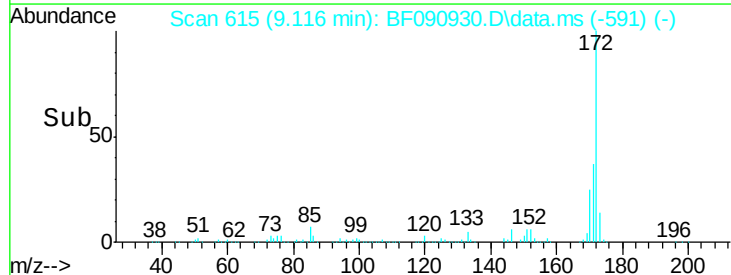
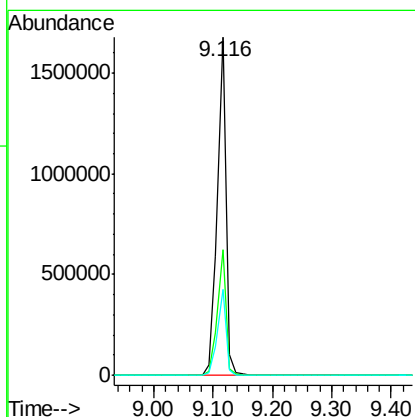
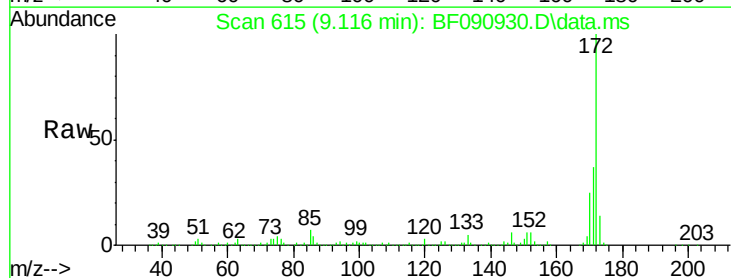
Instrument :
 BNA_F
 ClientSampleId :

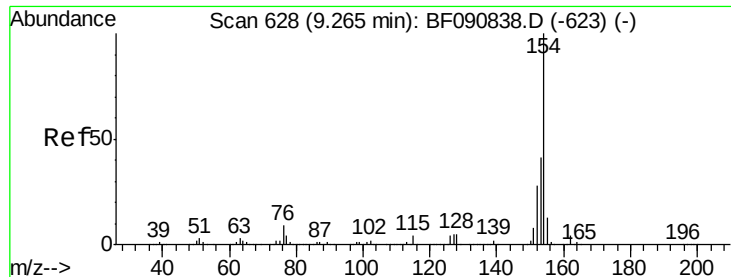
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.5	75.4	113.0
97	38.2	33.3	49.9
132	25.1	24.6	37.0



#44
 2-Fluorobiphenyl
 Concen: 95.36 ng
 RT: 9.116 min Scan# 615
 Delta R.T. -0.023 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	26.1	39.1
170	25.4	17.4	26.2

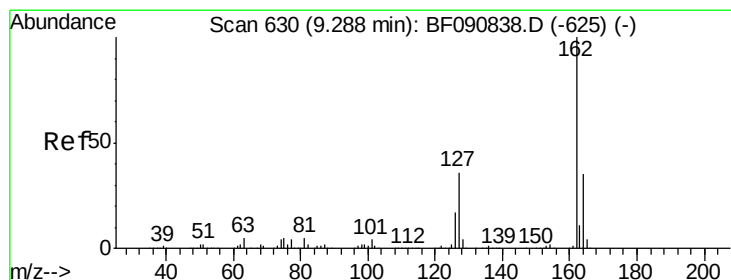
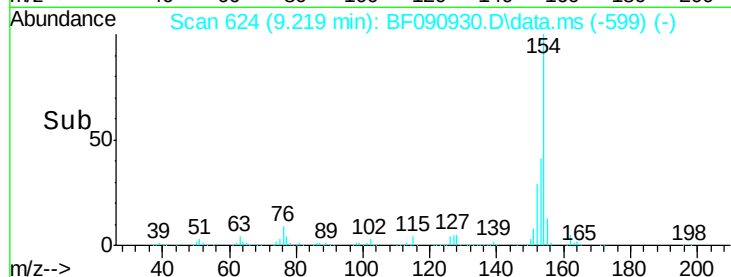
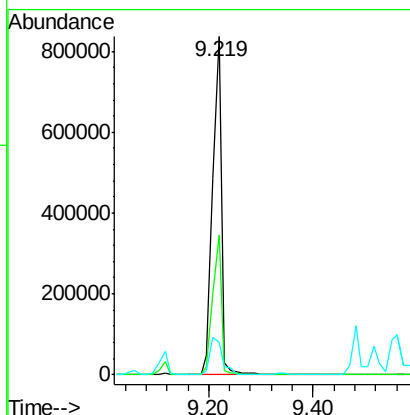
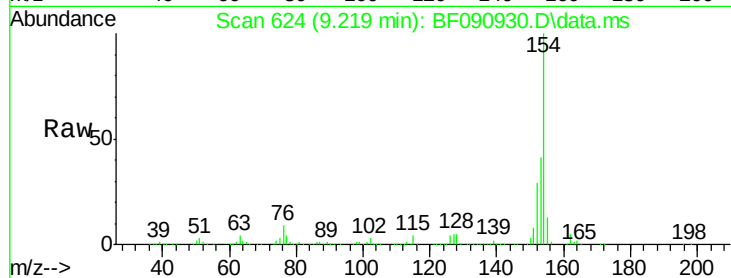




#45
1,1'-Biphenyl
Concen: 43.85 ng
RT: 9.219 min Scan# 62
Delta R.T. -0.011 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

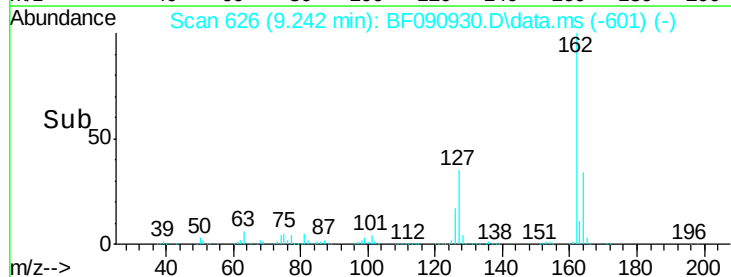
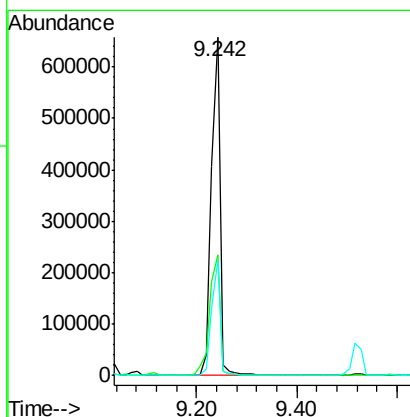
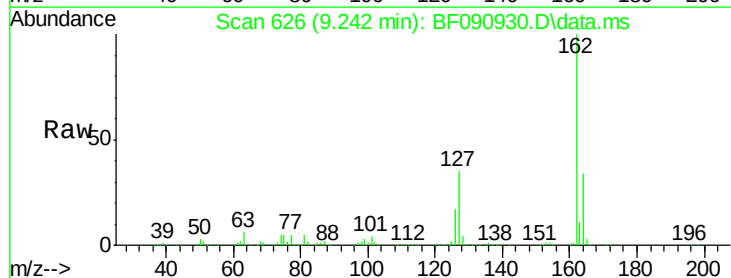
Instrument :
BNA_F
ClientSampleId :

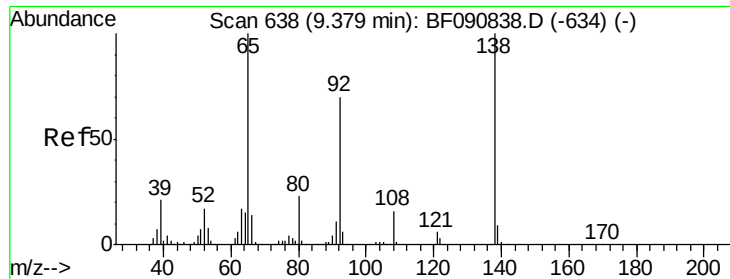
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	17.1	57.1
76	9.3	0.0	31.6



#46
2-Chloronaphthalene
Concen: 46.48 ng
RT: 9.242 min Scan# 626
Delta R.T. -0.011 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.5	27.6	41.4
164	34.0	25.4	38.2

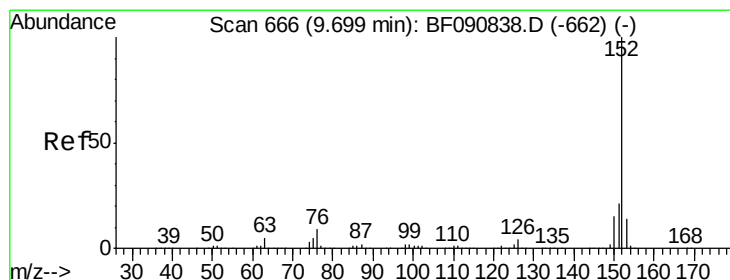
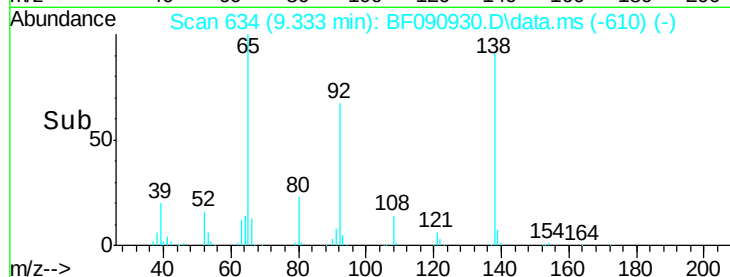
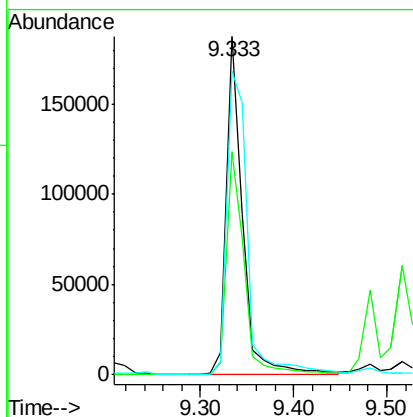
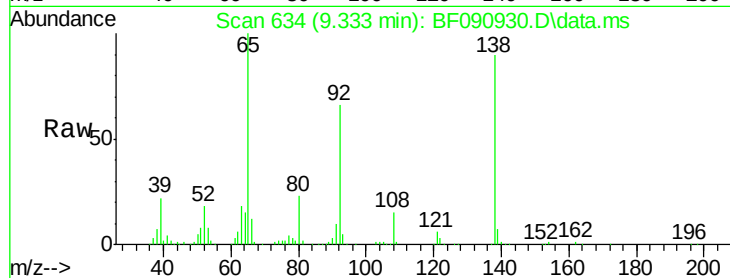




#47
2-Nitroaniline
Concen: 47.25 ng
RT: 9.333 min Scan# 63
Delta R.T. -0.023 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

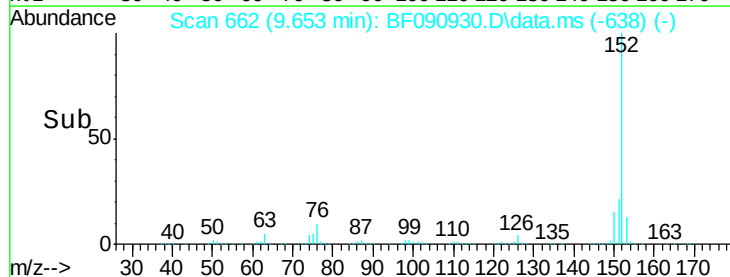
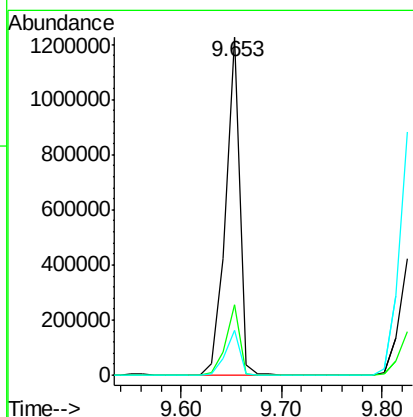
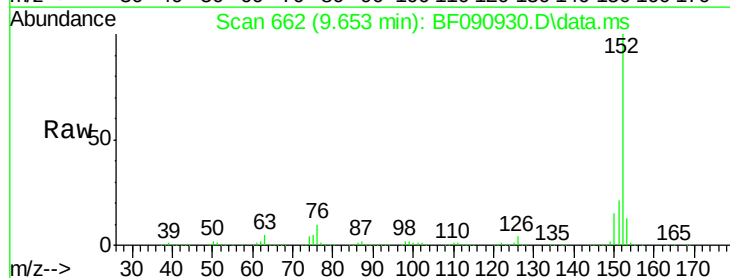
Instrument :
BNA_F
ClientSampleId :

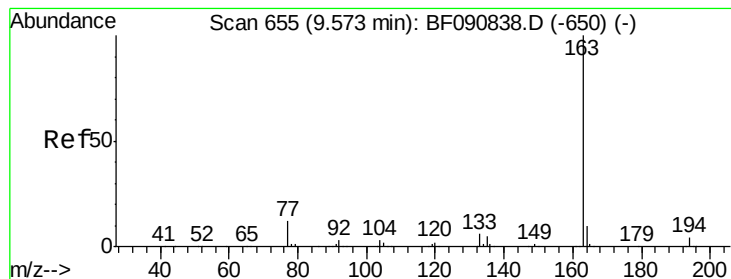
Tot Ion: 65 Resp: 226931
Ion Ratio Lower Upper
65 100
92 65.9 55.4 83.0
138 89.7 115.5 173.3#



#48
Acenaphthylene
Concen: 46.34 ng
RT: 9.653 min Scan# 662
Delta R.T. -0.023 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Tgt Ion: 152 Resp: 1194181
Ion Ratio Lower Upper
152 100
151 20.7 14.6 22.0
153 13.4 10.3 15.5





#49

Dimethylphthalate

Concen: 41.70 ng

RT: 9.516 min Scan# 655

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampled :

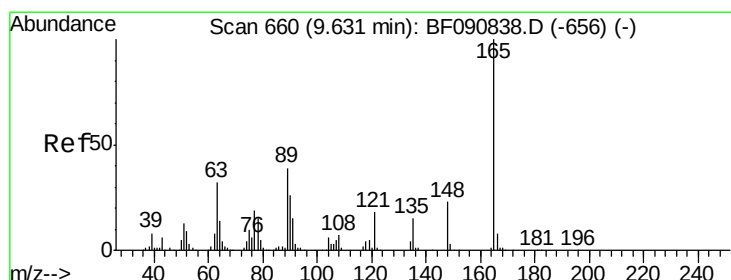
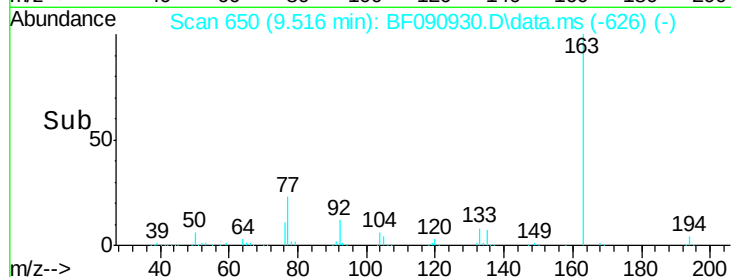
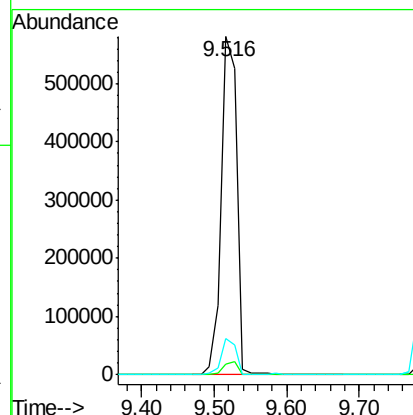
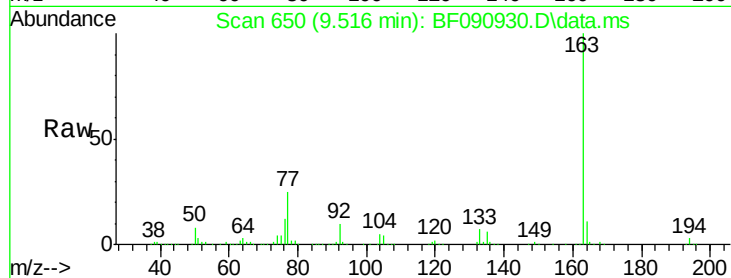
Tot Ion:163 Resp: 865429

Ion Ratio Lower Upper

163 100

194 3.1 4.4 6.6#

164 10.7 8.3 12.5



#50

2,6-Dinitrotoluene

Concen: 46.65 ng

RT: 9.585 min Scan# 656

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

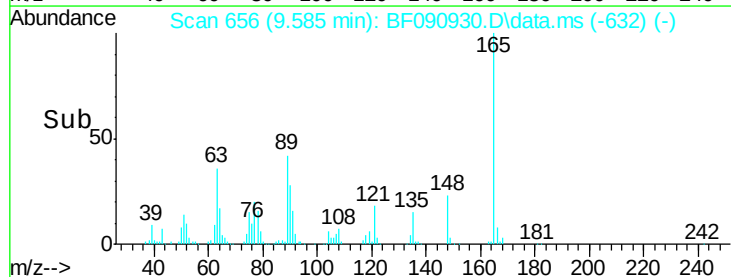
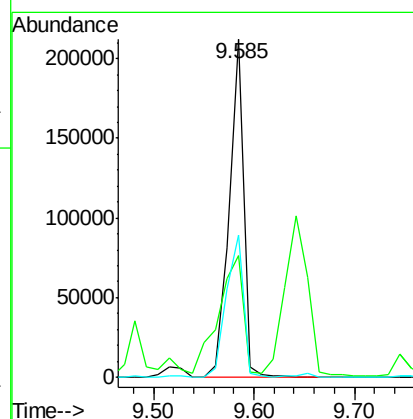
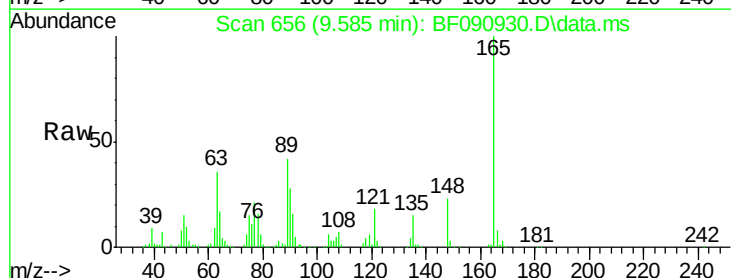
Tgt Ion:165 Resp: 213836

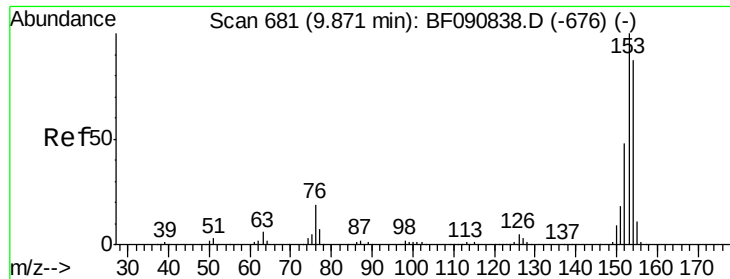
Ion Ratio Lower Upper

165 100

63 36.1 32.3 48.5

89 42.2 28.6 43.0





#51

Acenaphthene

Concen: 41.33 ng

RT: 9.825 min Scan# 67

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

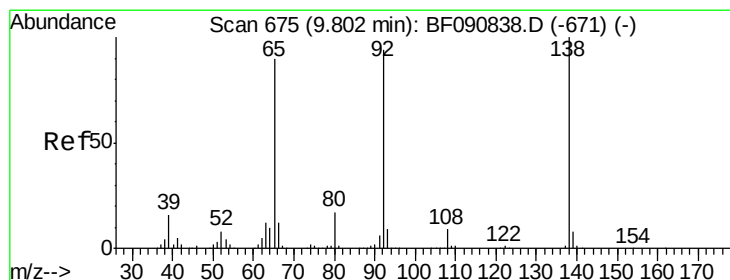
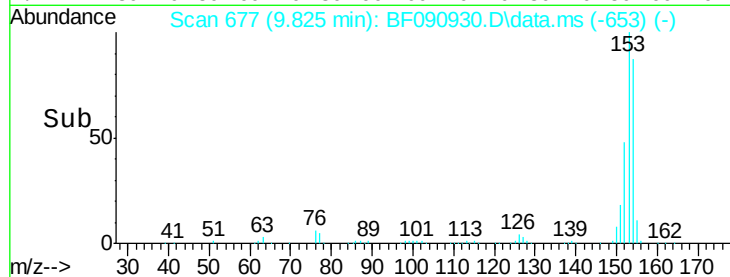
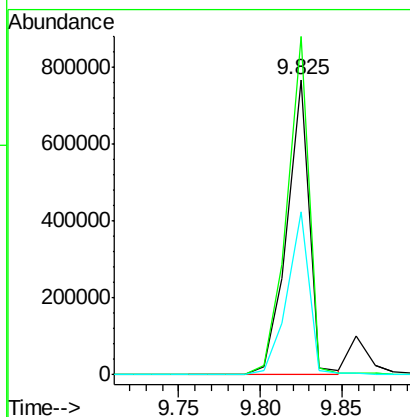
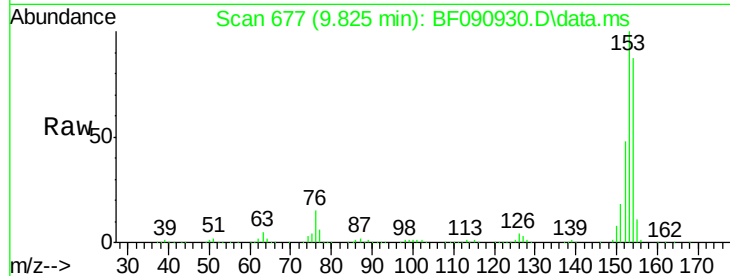
Tot Ion:154 Resp: 733640

Ion Ratio Lower Upper

154 100

153 114.7 82.1 123.1

152 55.0 37.9 56.9



#52

3-Nitroaniline

Concen: 21.68 ng

RT: 9.745 min Scan# 670

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

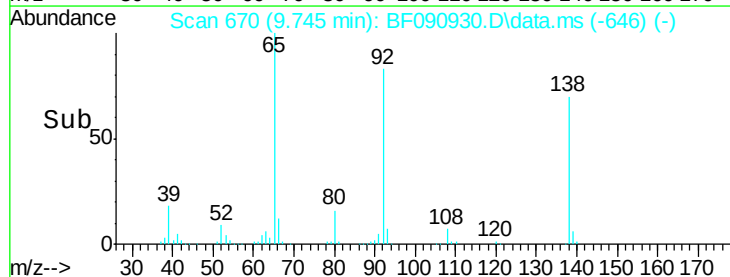
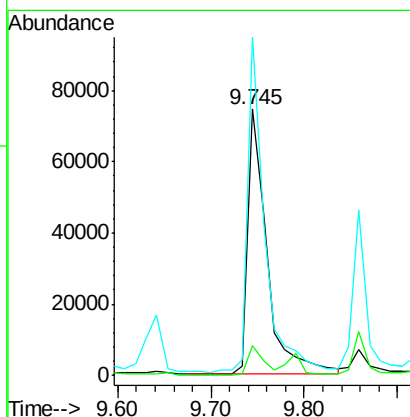
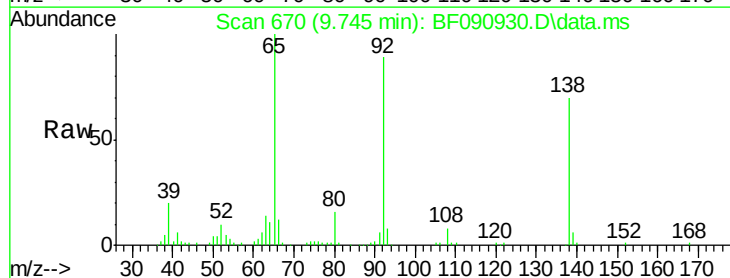
Tgt Ion:138 Resp: 105776

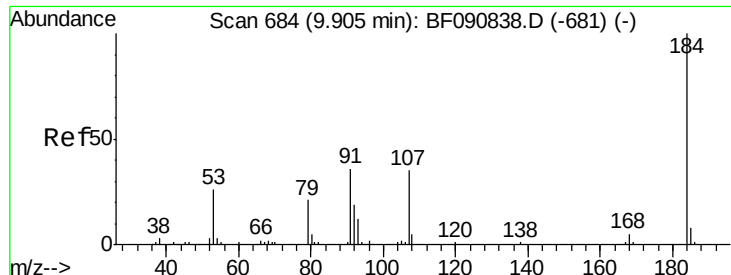
Ion Ratio Lower Upper

138 100

108 11.3 5.7 8.5#

92 127.0 67.7 101.5#

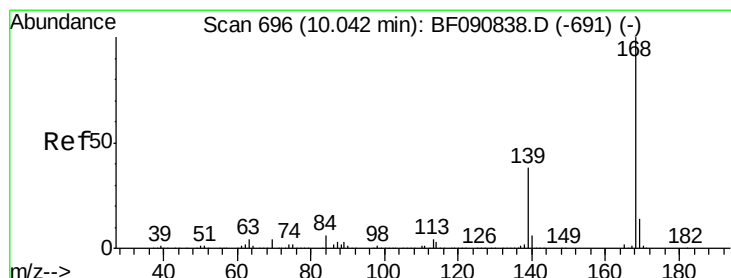
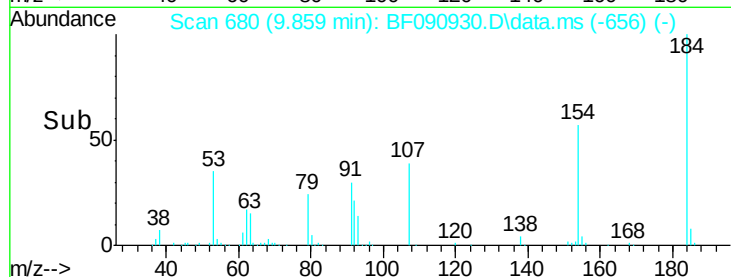
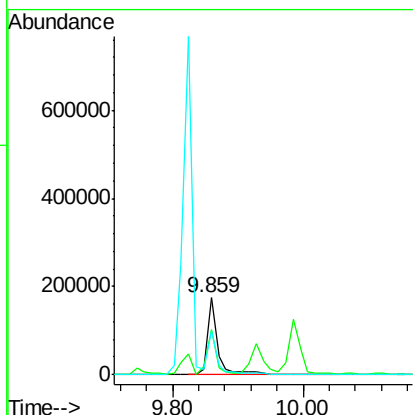
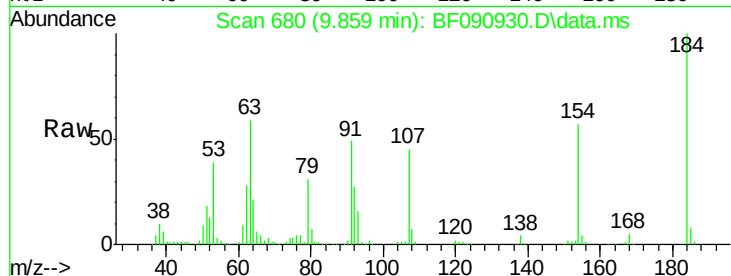




#53
 2,4-Dinitrophenol
 Concen: 77.99 ng
 RT: 9.859 min Scan# 681
 Delta R.T. -0.023 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

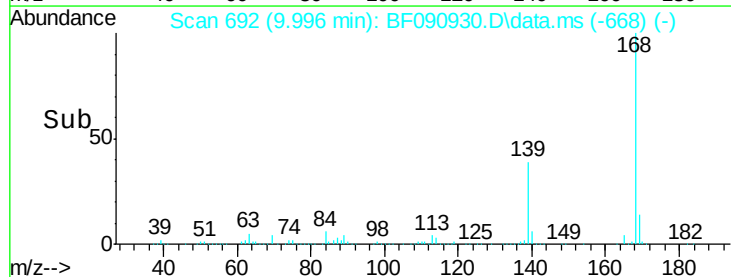
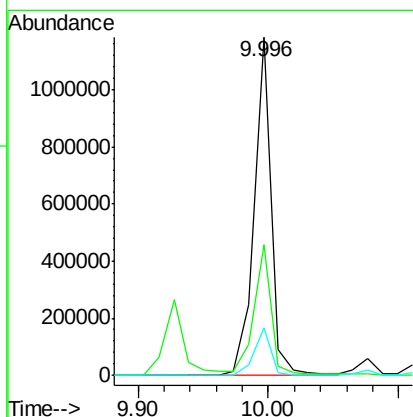
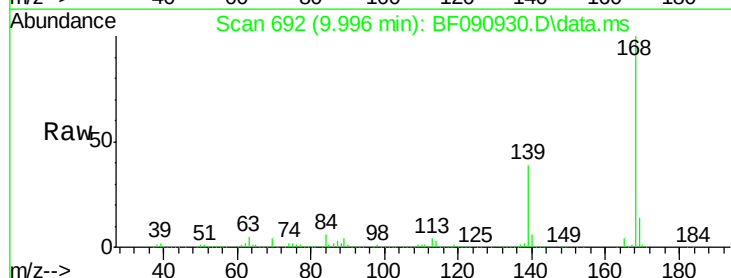
Instrument :
 BNA_F
 ClientSampleId :

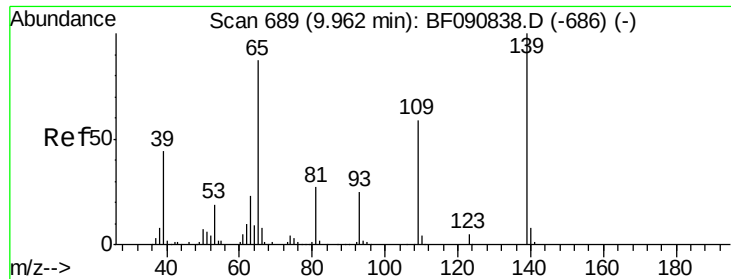
Tot Ion:184 Resp: 188186
 Ion Ratio Lower Upper
 184 100
 63 59.3 35.4 53.2#
 154 56.9 32.2 48.4#



#54
 Dibenzofuran
 Concen: 46.86 ng
 RT: 9.996 min Scan# 692
 Delta R.T. -0.023 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion:168 Resp: 1073358
 Ion Ratio Lower Upper
 168 100
 139 38.6 24.2 36.2#
 169 13.9 10.6 15.8





#55

4-Nitrophenol

Concen: 93.14 ng

RT: 9.928 min Scan# 68

Delta R.T. -0.011 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

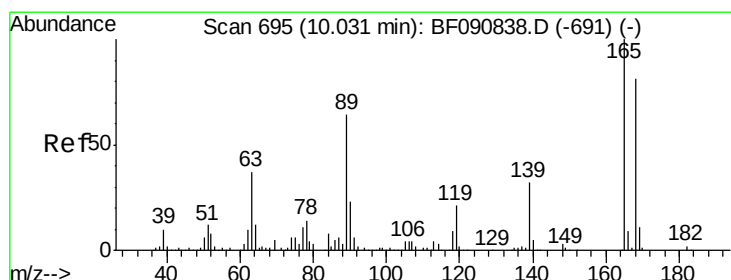
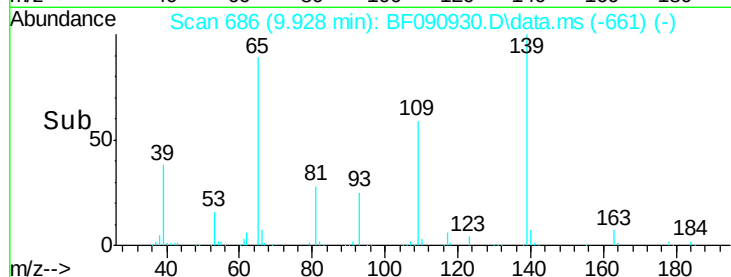
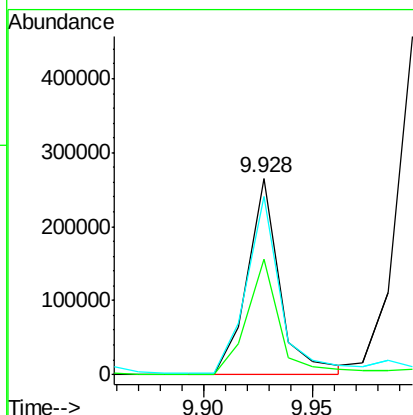
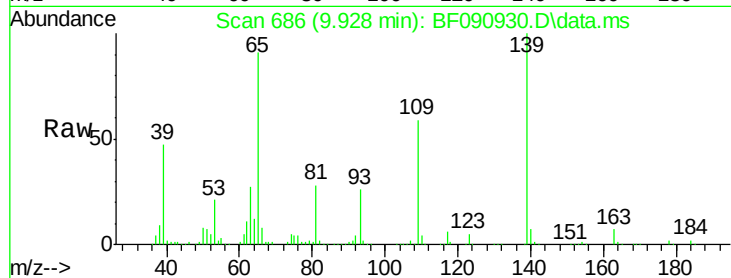
Tot Ion:139 Resp: 277165

Ion Ratio Lower Upper

139 100

109 59.1 12.7 52.7#

65 90.6 45.9 85.9#



#56

2,4-Dinitrotoluene

Concen: 44.87 ng

RT: 9.985 min Scan# 691

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Tgt Ion:165 Resp: 255478

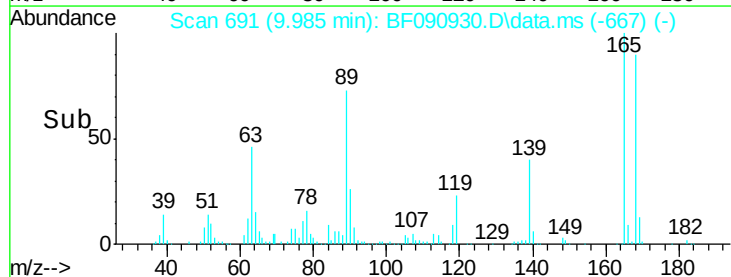
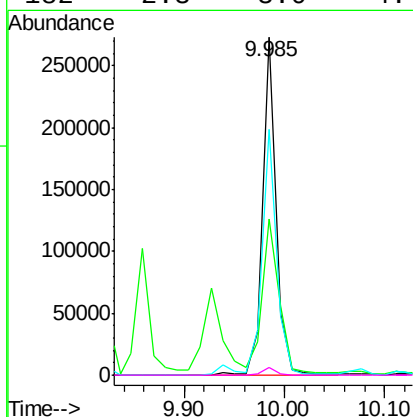
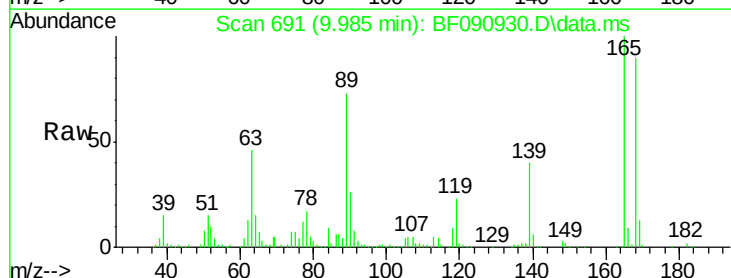
Ion Ratio Lower Upper

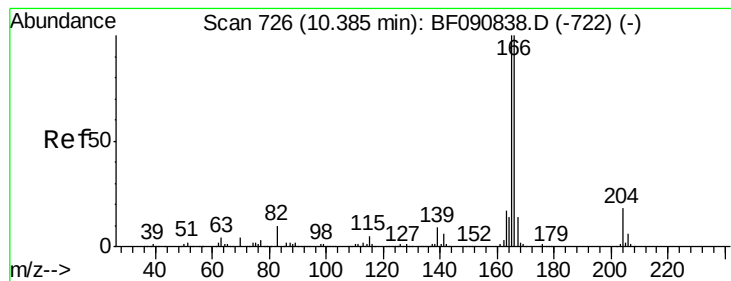
165 100

63 46.3 29.8 44.6#

89 72.9 44.5 66.7#

182 2.3 3.0 4.4#





#57

Fluorene

Concen: 47.78 ng

RT: 10.339 min Scan# 72

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

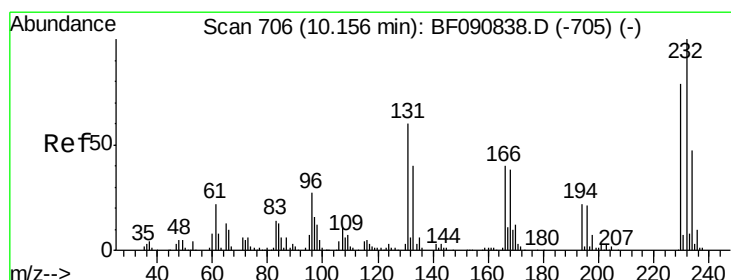
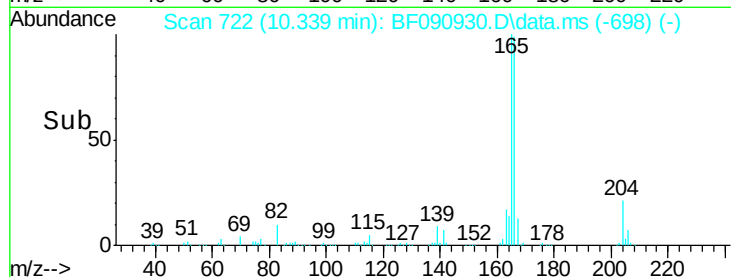
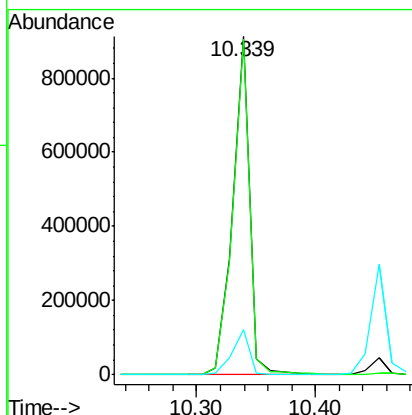
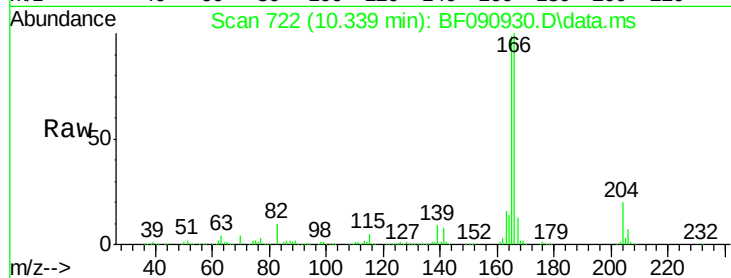
Tot Ion:166 Resp: 896390

Ion Ratio Lower Upper

166 100

165 99.2 72.6 109.0

167 13.4 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.34 ng

RT: 10.122 min Scan# 703

Delta R.T. -0.011 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Tgt Ion:232 Resp: 229436

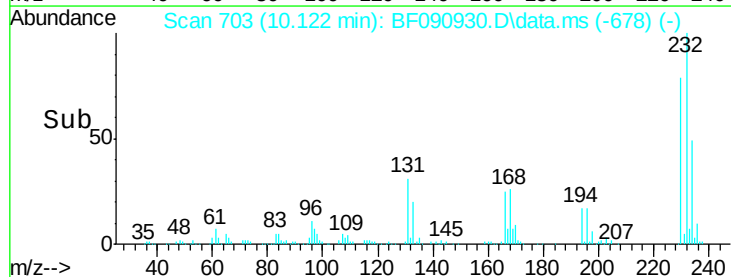
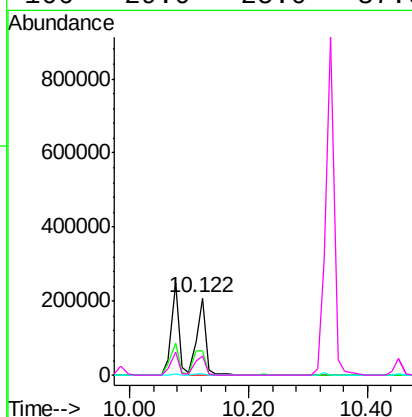
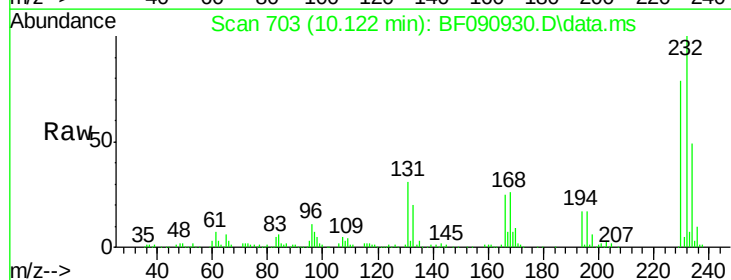
Ion Ratio Lower Upper

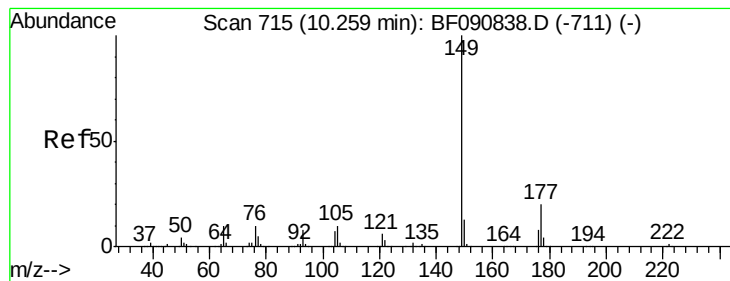
232 100

131 42.5 38.5 57.7

130 1.8 1.8 2.6

166 29.0 25.0 37.6





#59

Diethylphthalate

Concen: 47.39 ng

RT: 10.225 min Scan# 71

Delta R.T. -0.011 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

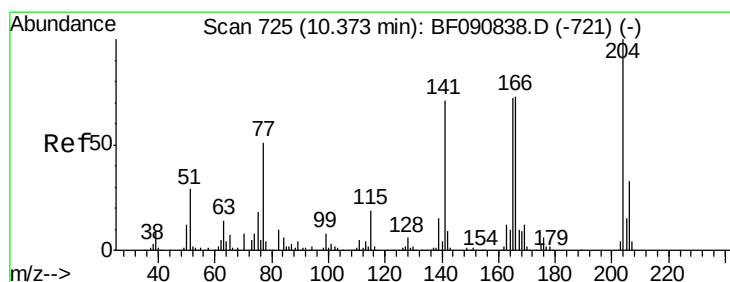
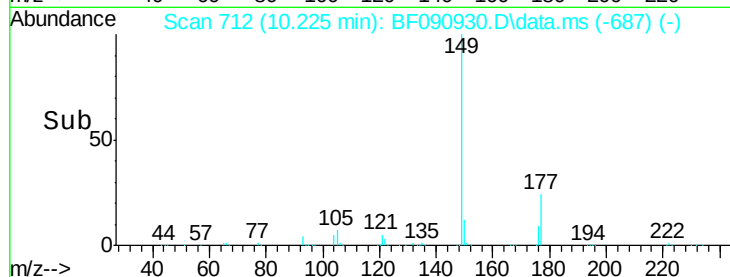
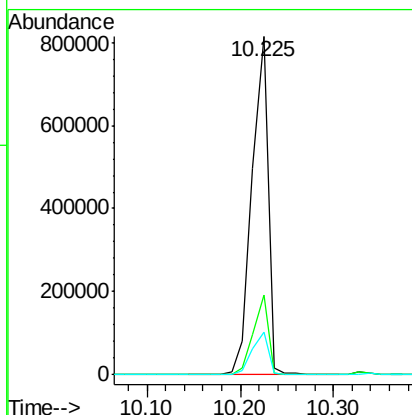
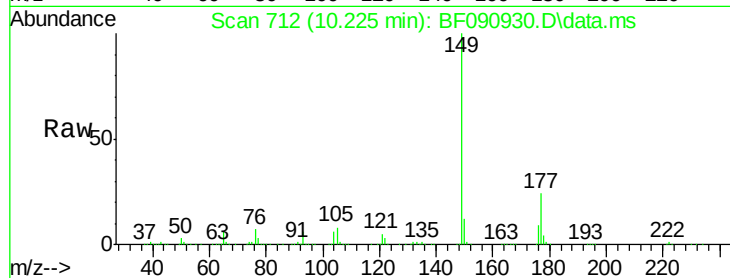
Tot Ion:149 Resp: 976886

Ion Ratio Lower Upper

149 100

177 23.6 17.5 26.3

150 12.4 9.4 14.2



#60

4-Chlorophenyl-phenylether

Concen: 42.16 ng

RT: 10.328 min Scan# 721

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

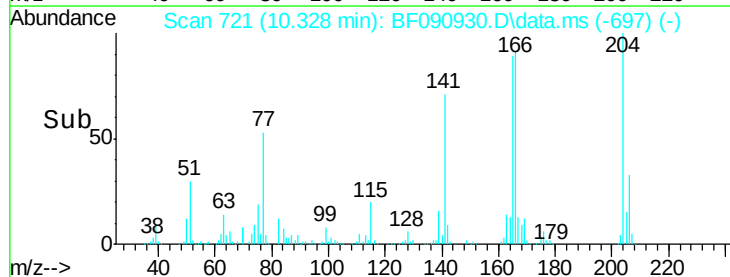
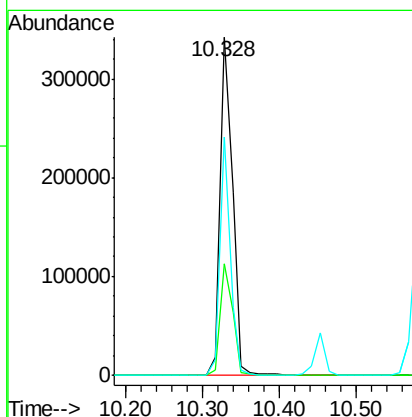
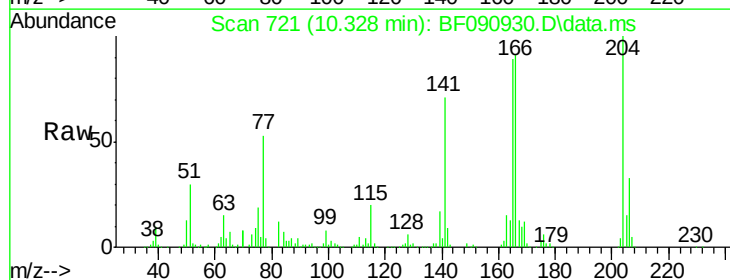
Tgt Ion:204 Resp: 386145

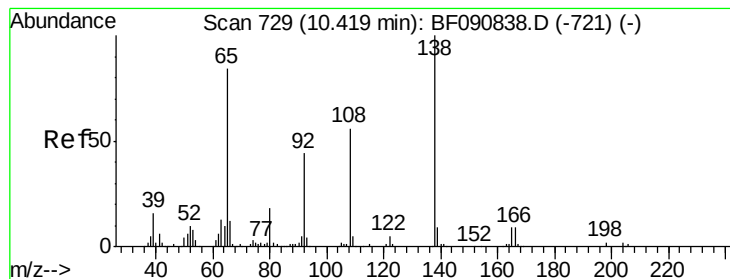
Ion Ratio Lower Upper

204 100

206 33.0 24.8 37.2

141 70.7 42.2 63.4#





#61

4-Nitroaniline

Concen: 38.80 ng

RT: 10.362 min Scan# 72

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

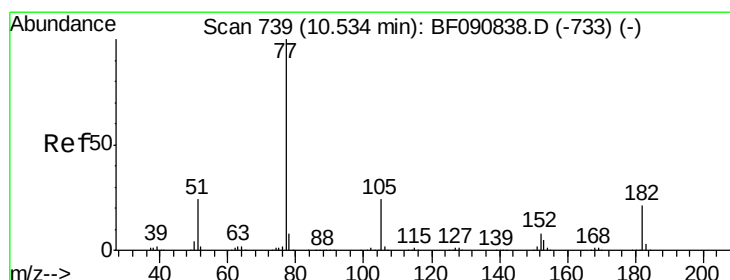
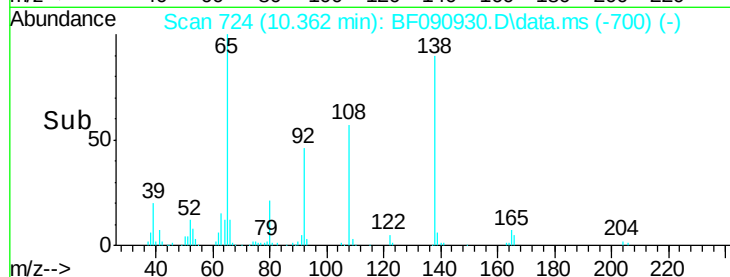
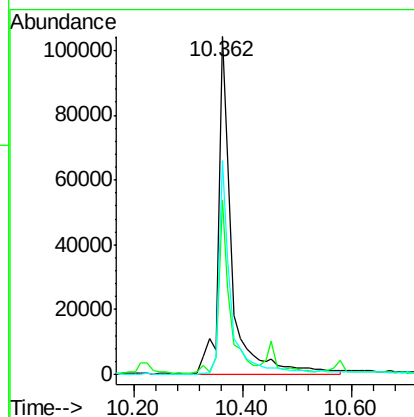
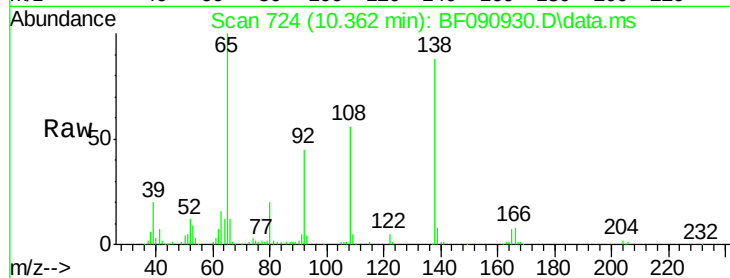
Tot Ion:138 Resp: 187533

Ion Ratio Lower Upper

138 100

92 51.6 12.6 52.6

108 63.1 12.4 52.4#



#62

Azobenzene

Concen: 39.86 ng

RT: 10.488 min Scan# 735

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Tgt Ion: 77 Resp: 808143

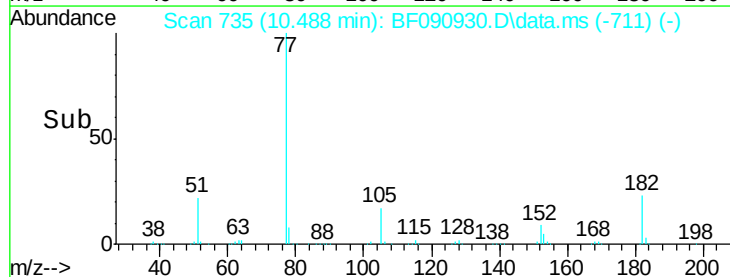
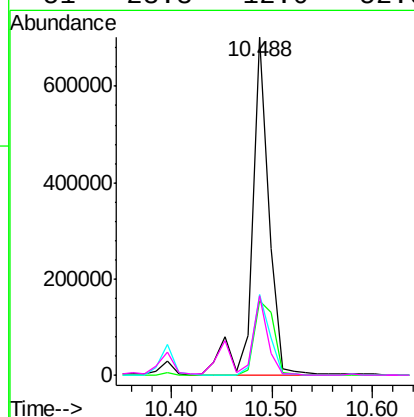
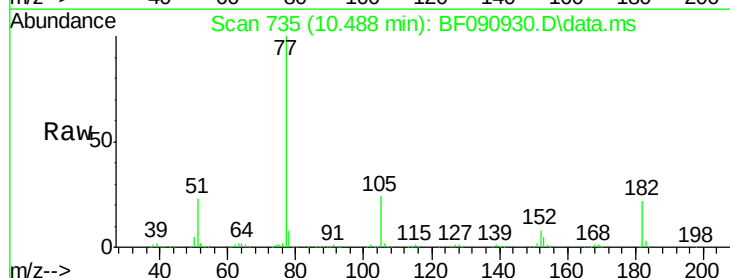
Ion Ratio Lower Upper

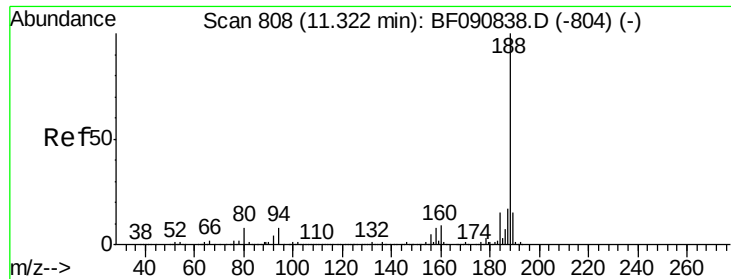
77 100

182 21.9 15.1 55.1

105 24.0 3.4 43.4

51 23.3 12.0 52.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.265 min Scan# 80

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

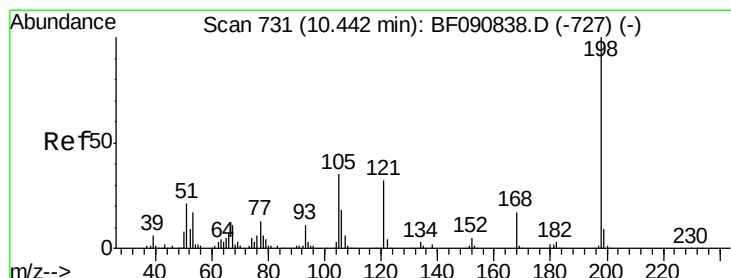
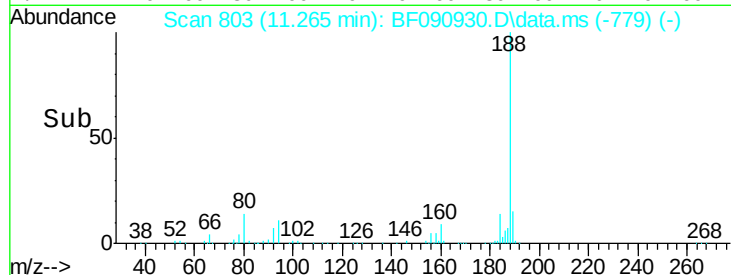
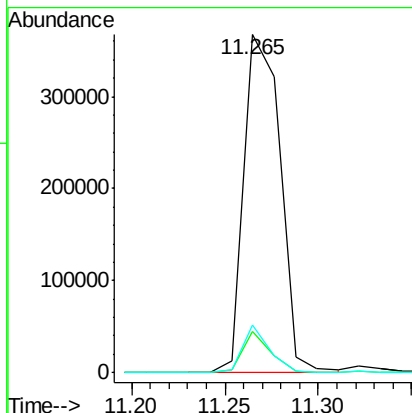
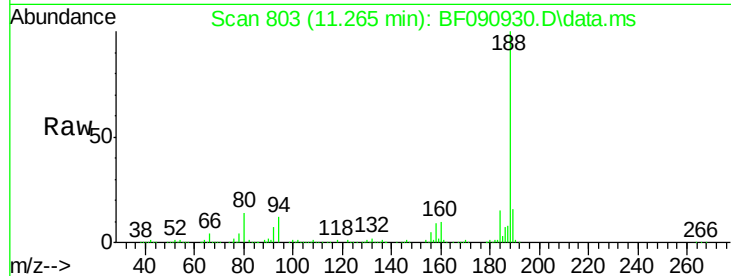
Tot Ion:188 Resp: 497605

Ion Ratio Lower Upper

188 100

94 12.3 11.1 16.7

80 14.0 11.0 16.4



#64

4,6-Dinitro-2-methylphenol

Concen: 43.26 ng

RT: 10.396 min Scan# 727

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

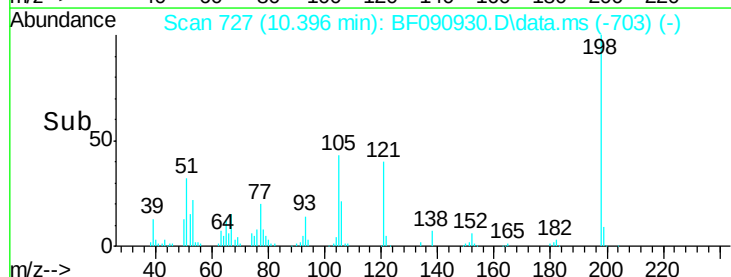
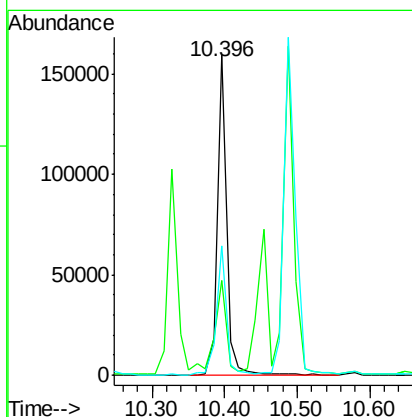
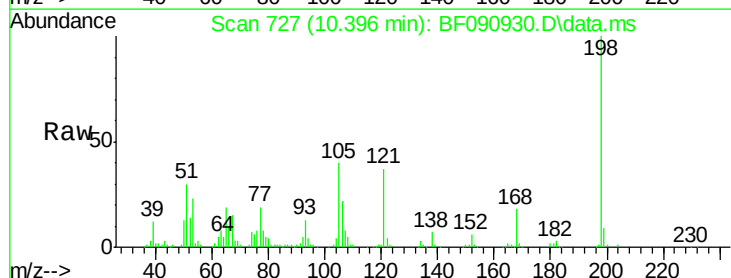
Tgt Ion:198 Resp: 142713

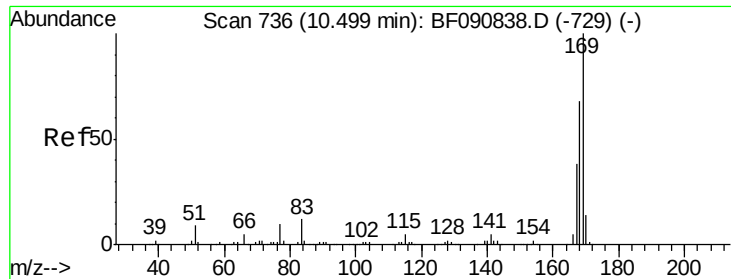
Ion Ratio Lower Upper

198 100

51 29.8 39.6 79.6#

105 40.3 28.5 68.5

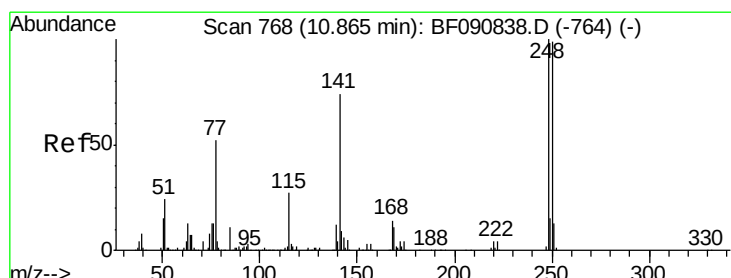
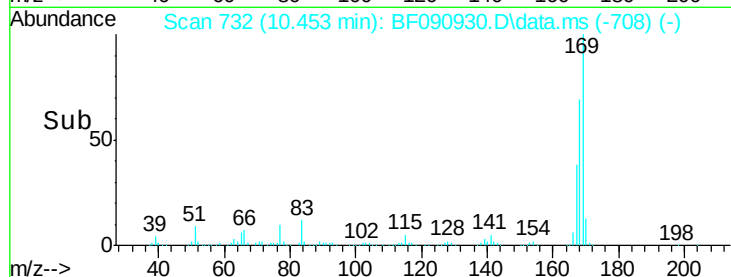
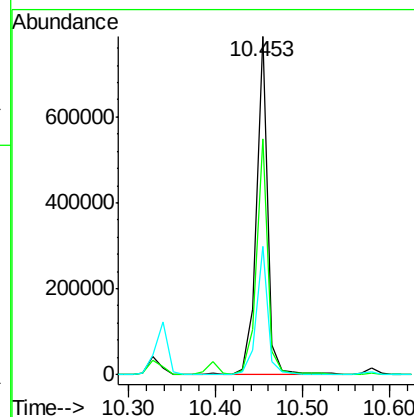
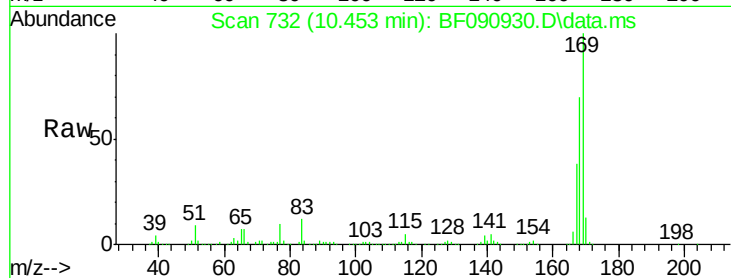




#65
 n-Nitrosodiphenylamine
 Concen: 47.40 ng
 RT: 10.453 min Scan# 73
 Delta R.T. -0.023 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

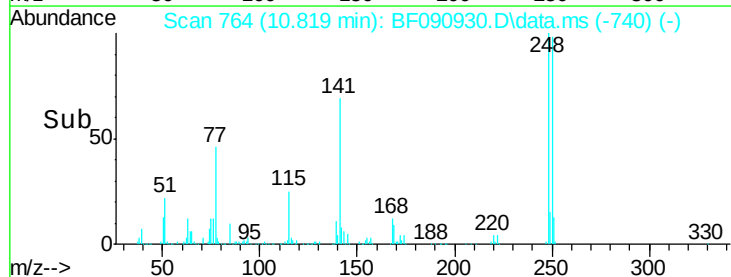
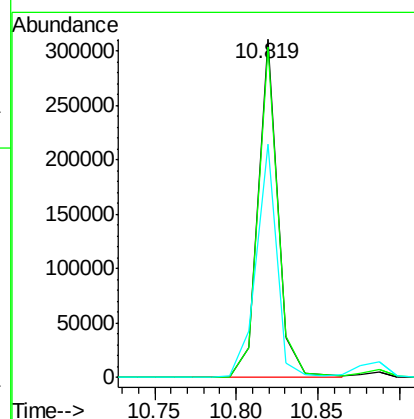
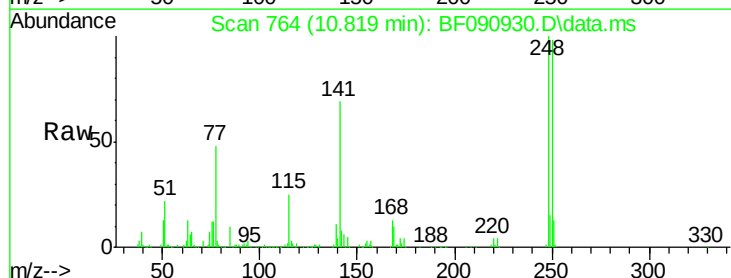
Instrument :
 BNA_F
 ClientSampleId :

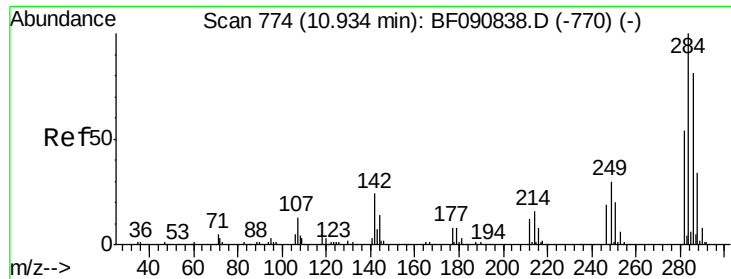
Tot Ion	Ratio	Lower	Upper
169	100		
168	69.6	48.9	73.3
167	37.8	26.2	39.4



#66
 4-Bromophenyl-phenylether
 Concen: 48.18 ng
 RT: 10.819 min Scan# 764
 Delta R.T. -0.023 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.5	117.7
141	68.9	59.0	88.6





#67

Hexachlorobenzene

Concen: 48.08 ng

RT: 10.888 min Scan# 77

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

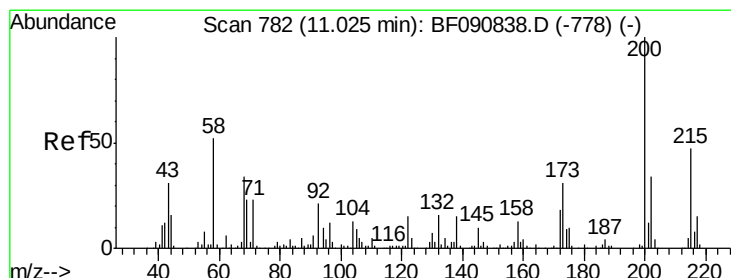
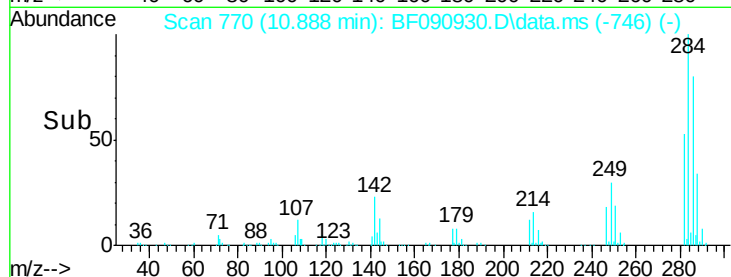
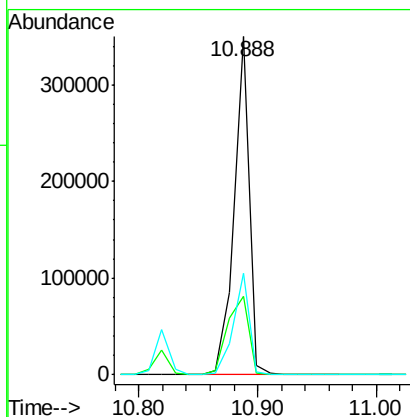
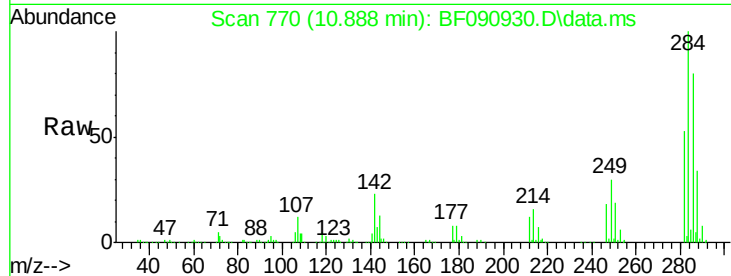
Tot Ion:284 Resp: 310089

Ion Ratio Lower Upper

284 100

142 23.0 29.5 44.3#

249 29.8 19.5 29.3#



#68

Atrazine

Concen: 50.50 ng

RT: 10.991 min Scan# 779

Delta R.T. -0.011 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

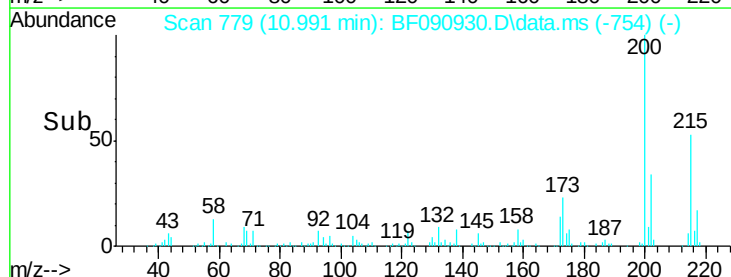
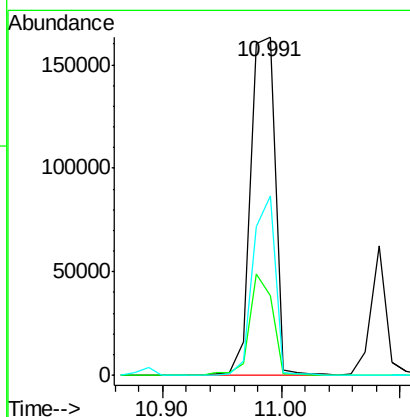
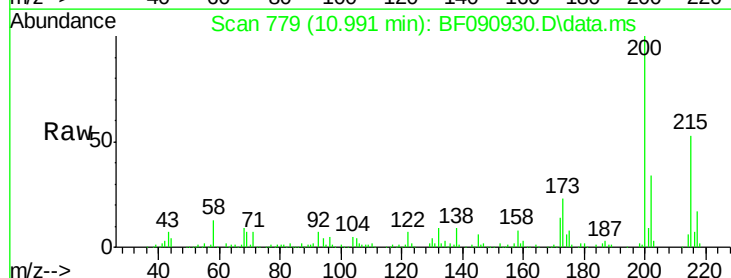
Tgt Ion:200 Resp: 238102

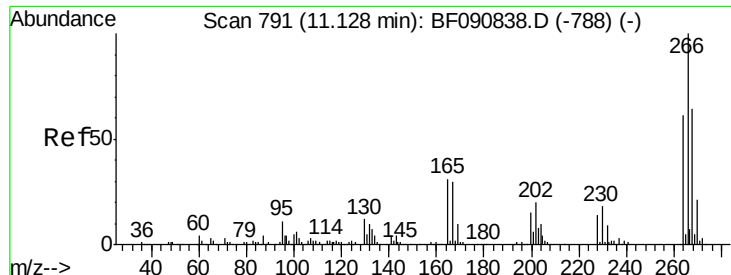
Ion Ratio Lower Upper

200 100

173 23.4 13.2 53.2

215 53.0 41.8 81.8

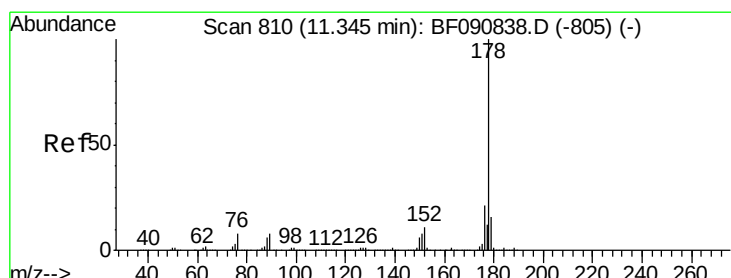
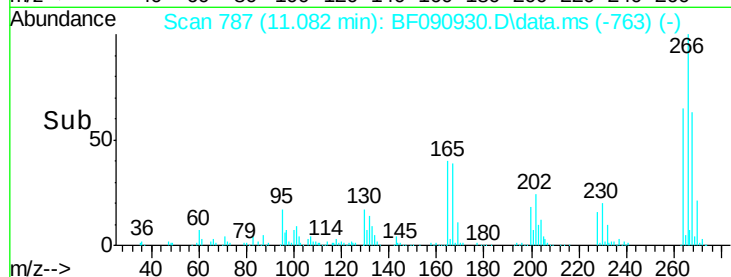
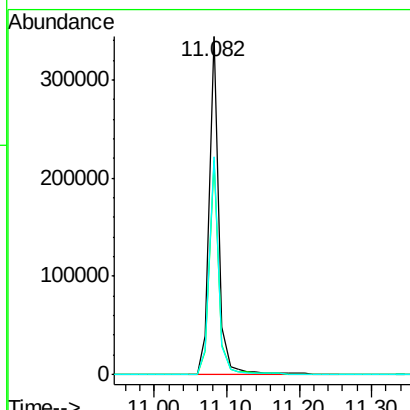
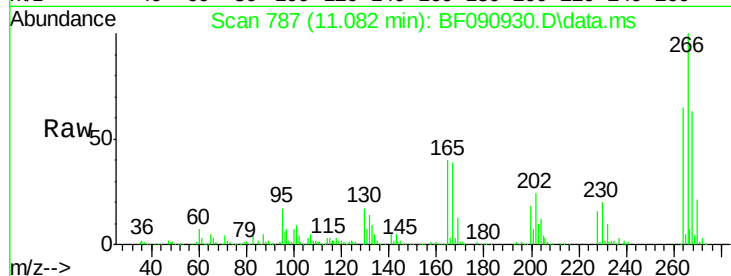




#69
 Pentachlorophenol
 Concen: 91.12 ng
 RT: 11.082 min Scan# 78
 Delta R.T. -0.023 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

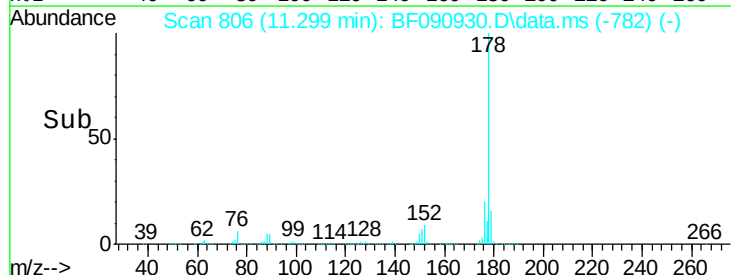
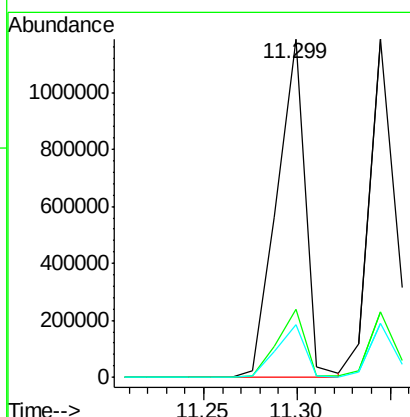
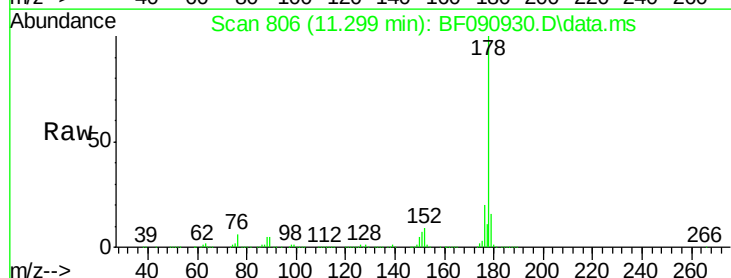
Instrument :
 BNA_F
 ClientSampleId :

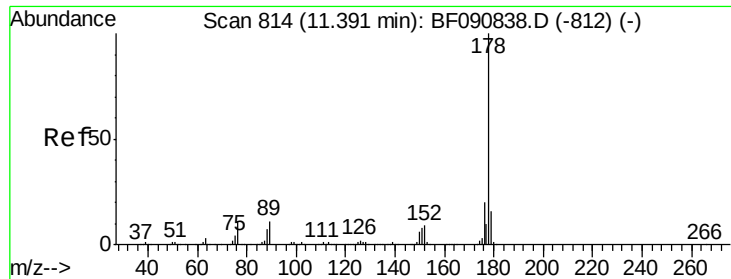
Tot Ion:266 Resp: 315271
 Ion Ratio Lower Upper
 266 100
 268 63.4 49.8 74.6
 264 64.5 50.2 75.2



#70
 Phenanthrene
 Concen: 49.46 ng
 RT: 11.299 min Scan# 806
 Delta R.T. -0.023 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion:178 Resp: 1253290
 Ion Ratio Lower Upper
 178 100
 176 20.0 13.8 20.8
 179 15.7 12.2 18.2

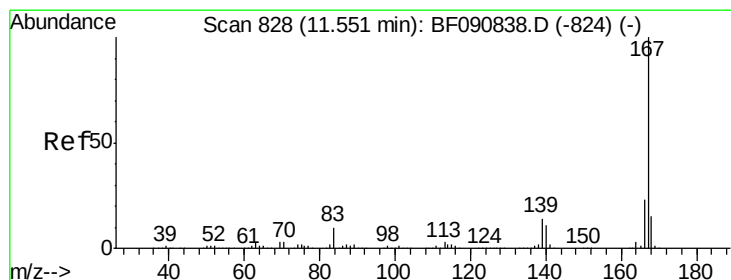
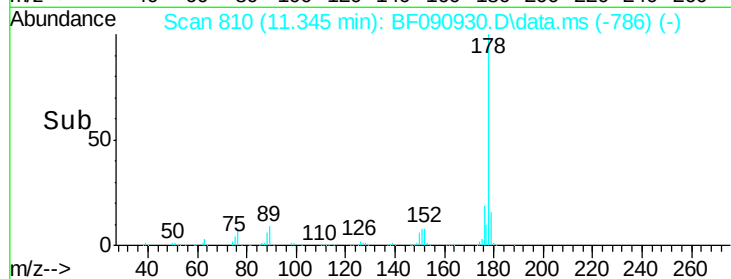
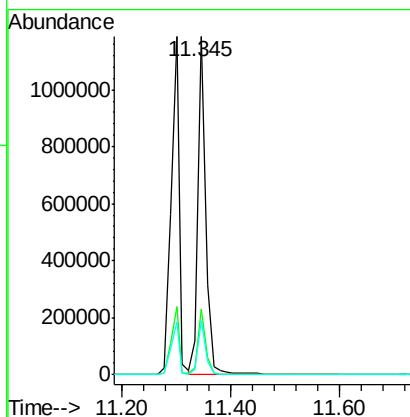
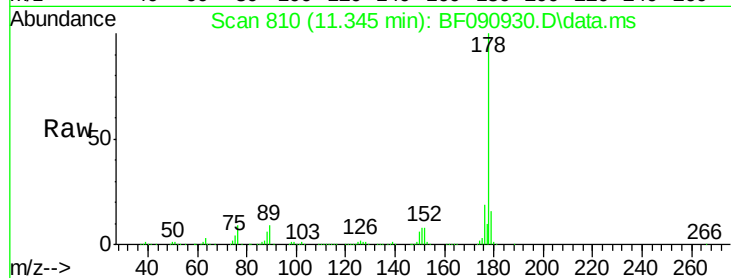




#71
 Anthracene
 Concen: 43.68 ng
 RT: 11.345 min Scan# 81
 Delta R.T. -0.023 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

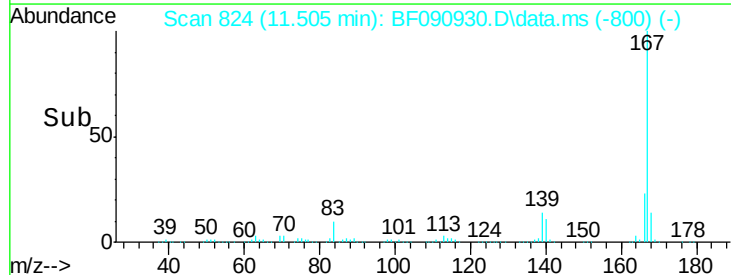
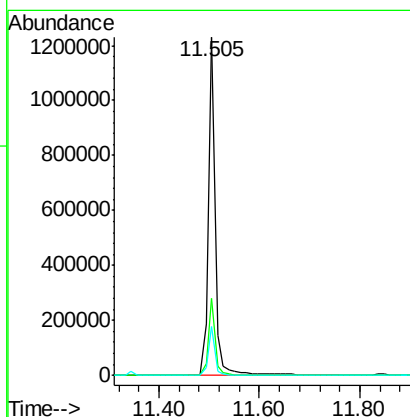
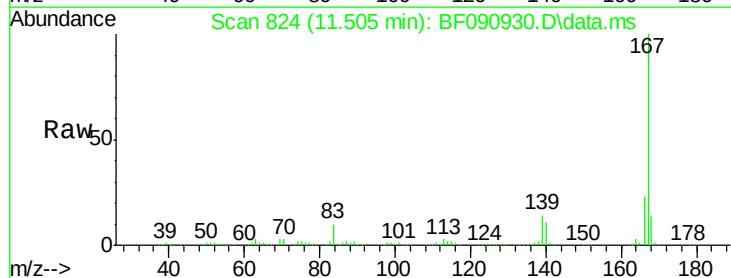
Instrument :
 BNA_F
 ClientSampleId :

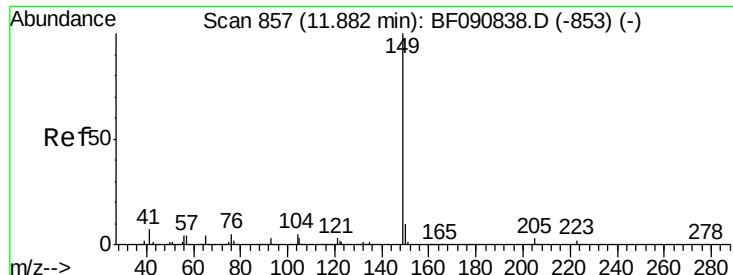
Tot Ion:178 Resp: 1165443
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.1 21.1
 179 16.0 12.2 18.2



#72
 Carbazole
 Concen: 49.71 ng
 RT: 11.505 min Scan# 824
 Delta R.T. -0.023 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion:167 Resp: 1171236
 Ion Ratio Lower Upper
 167 100
 166 22.7 15.7 23.5
 139 14.4 9.5 14.3#





#73

Di-n-butylphthalate

Concen: 46.39 ng

RT: 11.836 min Scan# 85

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

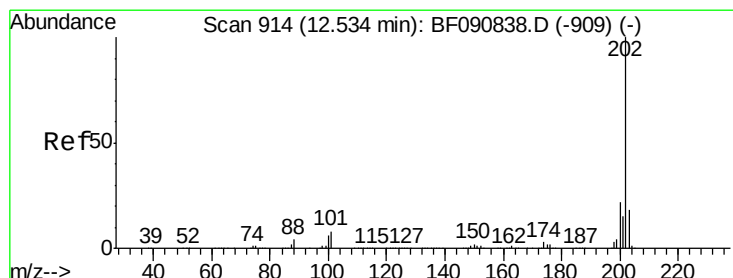
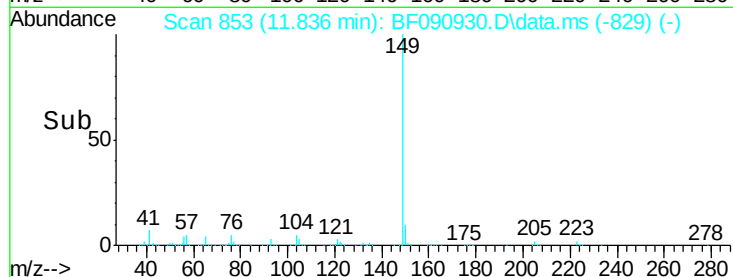
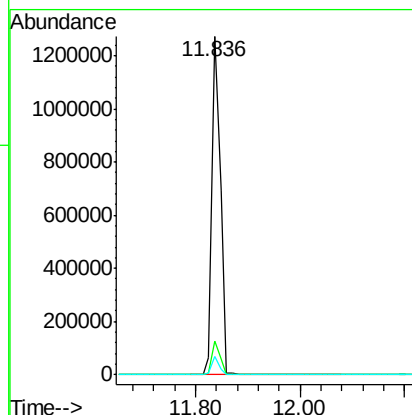
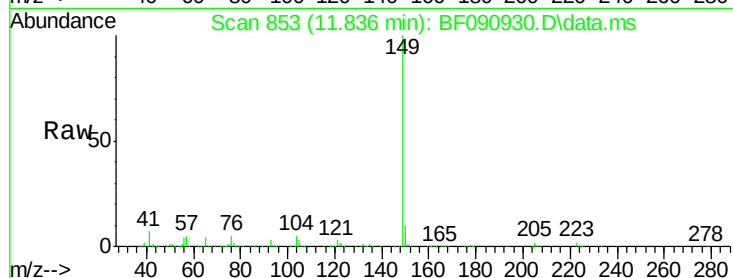
Tot Ion:149 Resp: 1408986

Ion Ratio Lower Upper

149 100

150 9.9 7.4 11.2

104 5.2 2.4 3.6#



#74

Fluoranthene

Concen: 45.41 ng

RT: 12.476 min Scan# 909

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

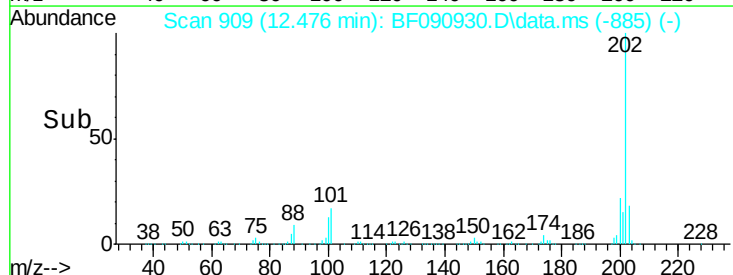
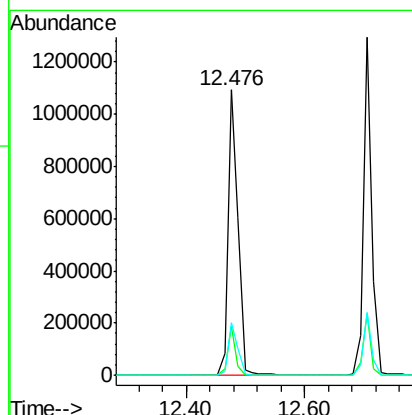
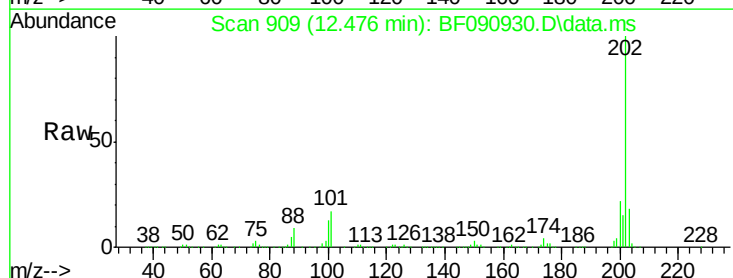
Tgt Ion:202 Resp: 1260087

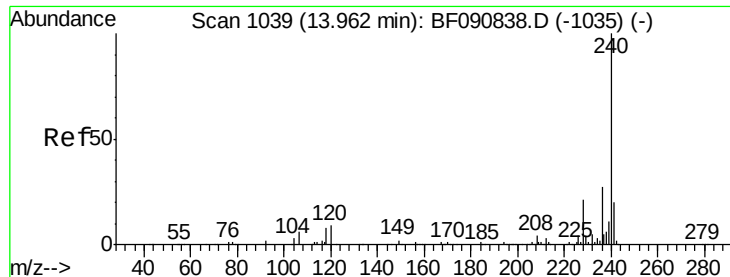
Ion Ratio Lower Upper

202 100

101 17.1 0.0 38.3

203 18.5 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.905 min Scan# 10

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampled :

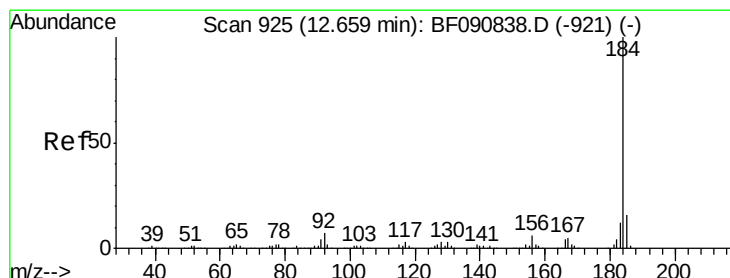
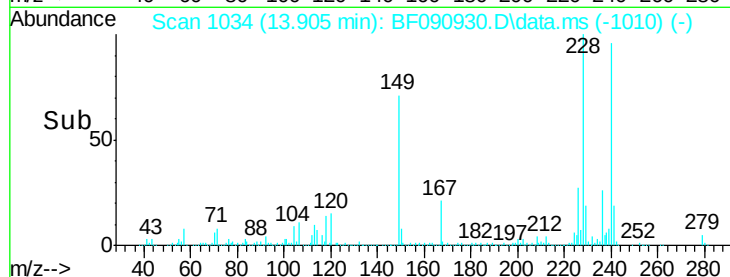
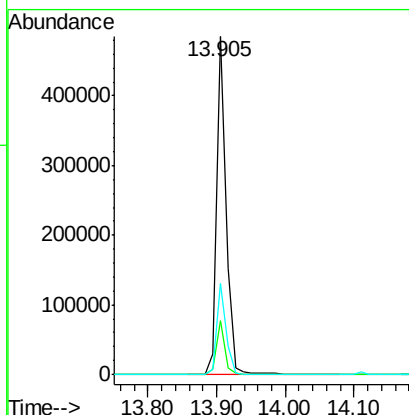
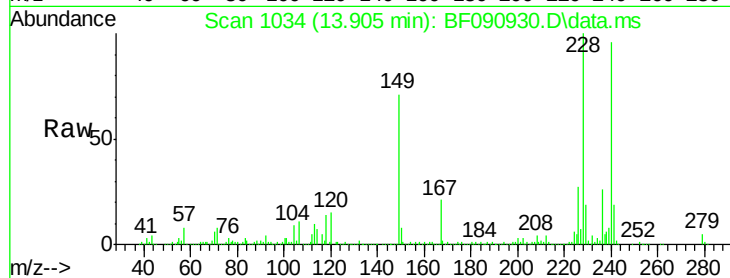
Tot Ion:240 Resp: 474852

Ion Ratio Lower Upper

240 100

120 15.9 16.2 24.2#

236 26.8 18.4 27.6



#76

Benzidine

Concen: 15.37 ng

RT: 12.602 min Scan# 920

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

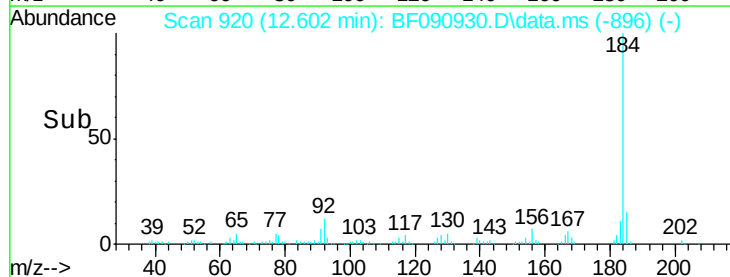
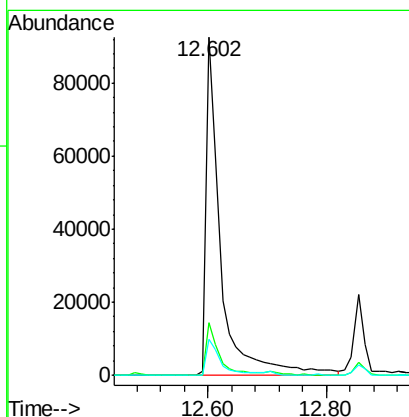
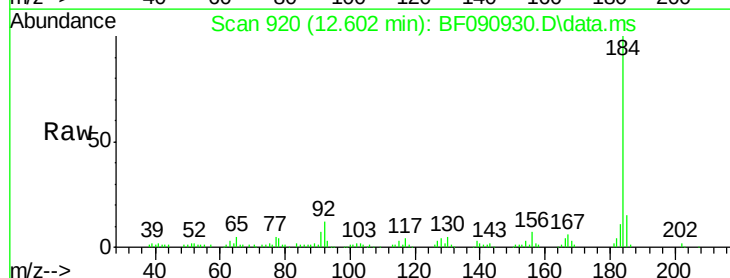
Tgt Ion:184 Resp: 159324

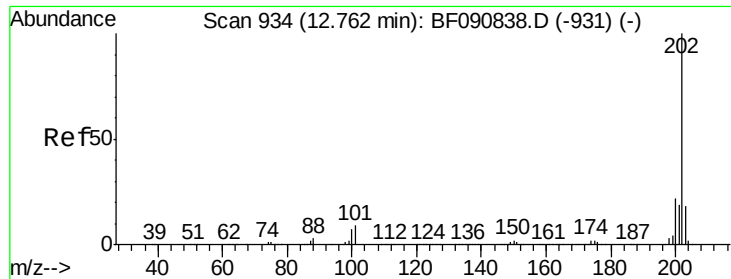
Ion Ratio Lower Upper

184 100

185 15.5 11.8 17.6

183 10.7 7.6 11.4

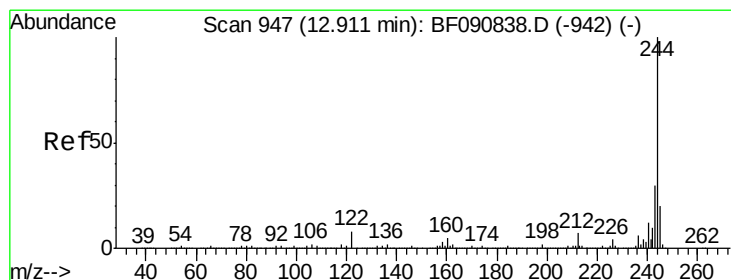
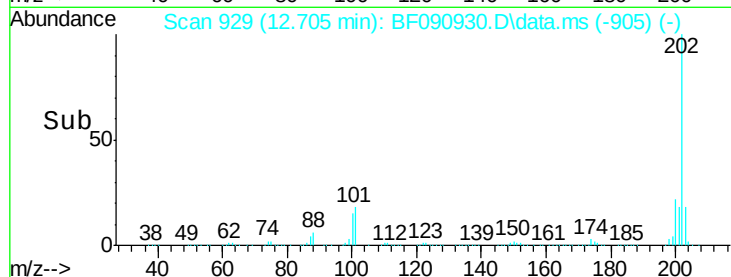
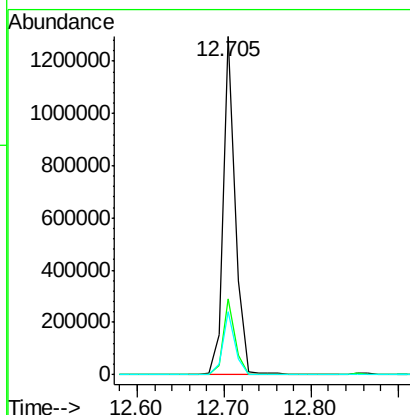
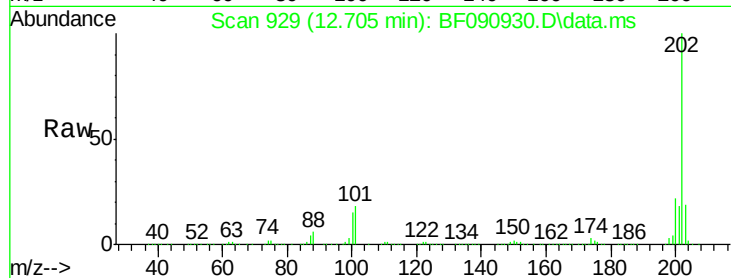




#77
 Pvrene
 Concen: 41.96 ng
 RT: 12.705 min Scan# 92
 Delta R.T. -0.023 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

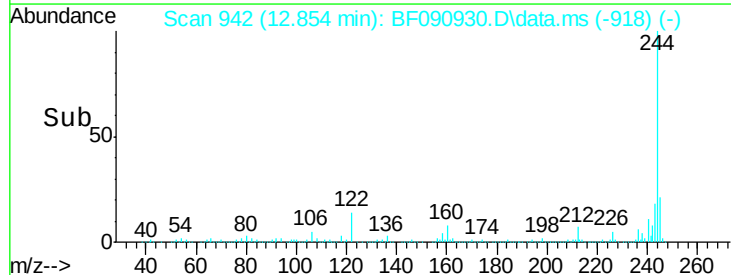
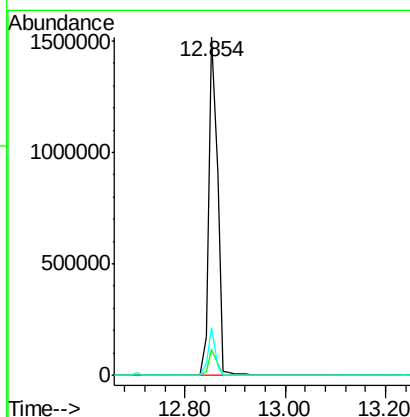
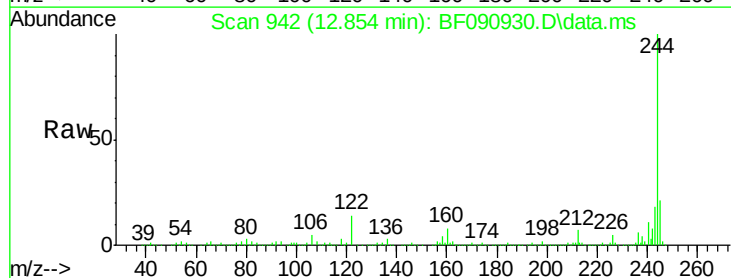
Instrument :
 BNA_F
 ClientSampleId :

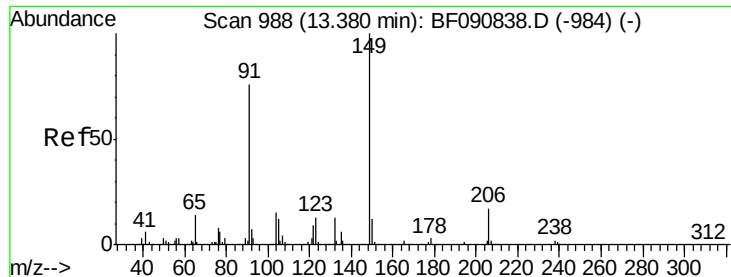
Tot Ion:202 Resp: 1261029
 Ion Ratio Lower Upper
 202 100
 200 22.3 15.0 22.4
 203 18.5 14.1 21.1



#78
 Terphenyl-d14
 Concen: 97.13 ng
 RT: 12.854 min Scan# 942
 Delta R.T. -0.023 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion:244 Resp: 1830640
 Ion Ratio Lower Upper
 244 100
 212 7.5 4.3 6.5#
 122 14.2 17.4 26.2#





#79

Butylbenzylphthalate

Concen: 48.20 ng

RT: 13.334 min Scan# 98

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

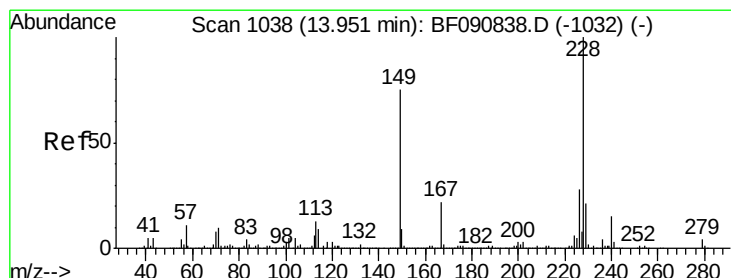
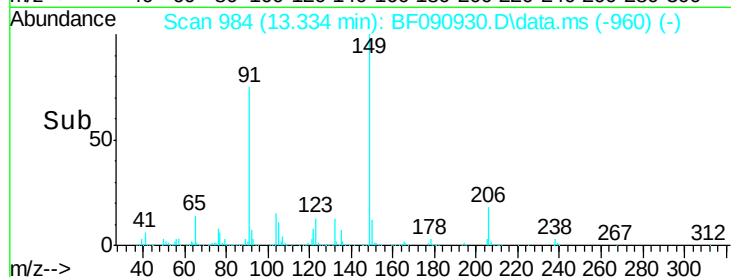
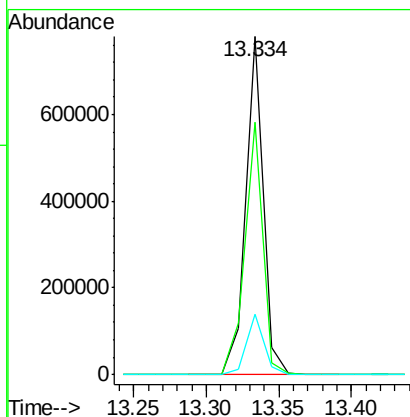
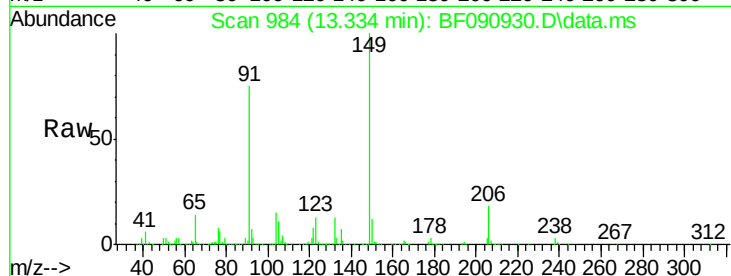
Tot Ion:149 Resp: 657193

Ion Ratio Lower Upper

149 100

91 74.7 48.6 72.8#

206 17.7 14.9 22.3



#80

Benzo(a)anthracene

Concen: 47.25 ng

RT: 13.894 min Scan# 1033

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

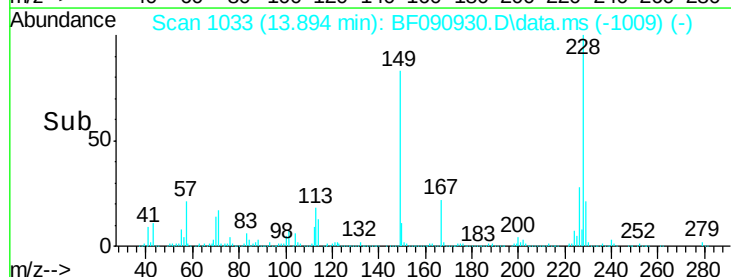
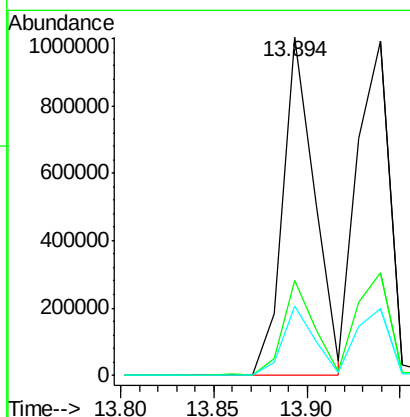
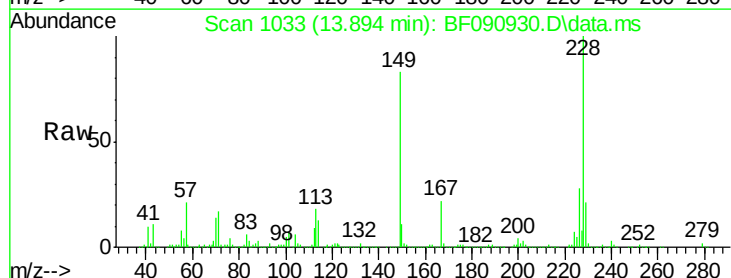
Tgt Ion:228 Resp: 1190752

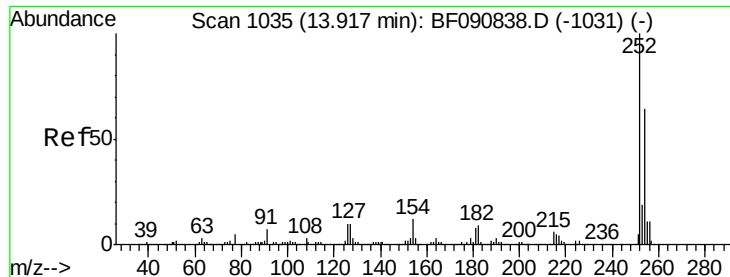
Ion Ratio Lower Upper

228 100

226 28.0 20.0 30.0

229 20.5 15.4 23.2





#81

3,3'-Dichlorobenzidine

Concen: 27.06 ng

RT: 13.859 min Scan# 1030

Delta R.T. -0.034 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

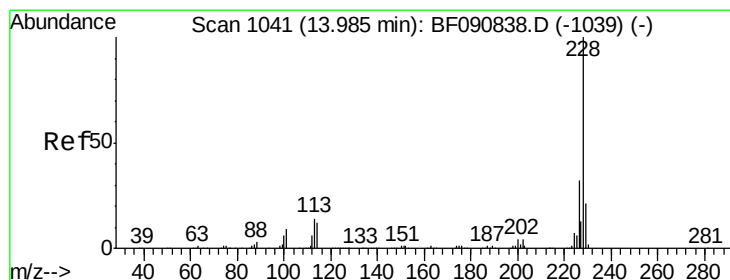
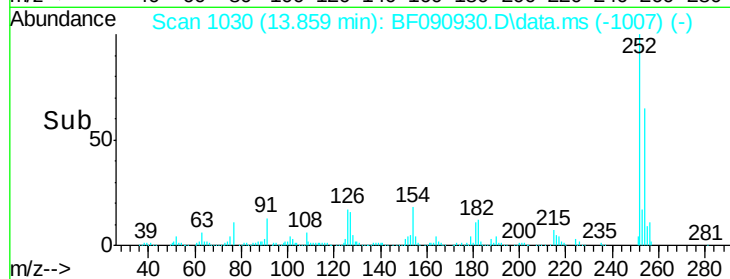
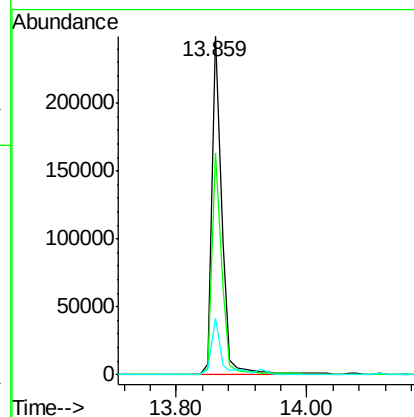
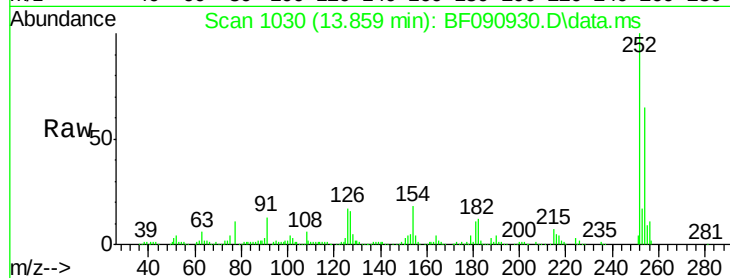
Tot Ion:252 Resp: 264747

Ion Ratio Lower Upper

252 100

254 65.4 51.4 77.2

126 16.8 16.4 24.6



#82

Chrysene

Concen: 48.00 ng

RT: 13.939 min Scan# 1037

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

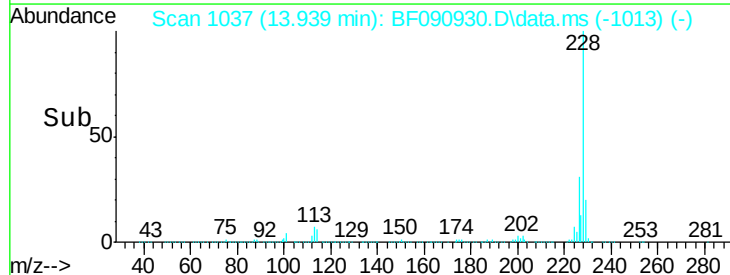
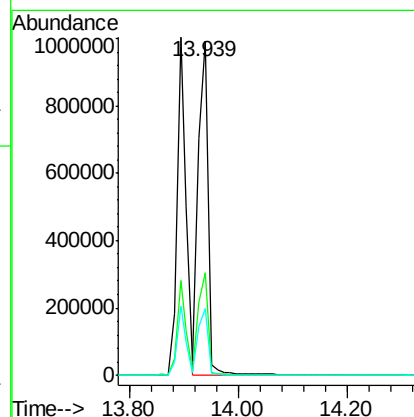
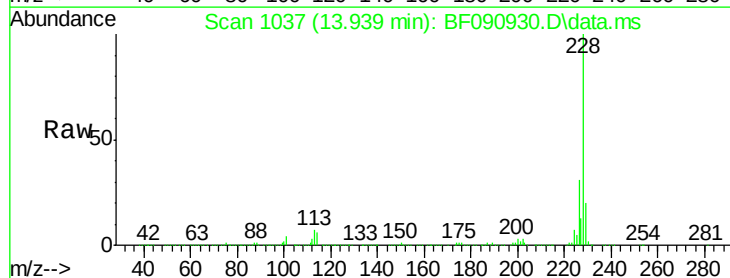
Tgt Ion:228 Resp: 1223581

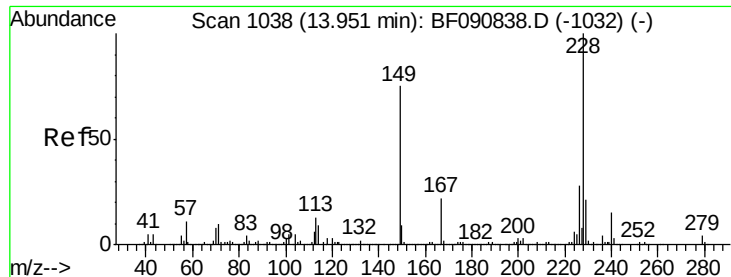
Ion Ratio Lower Upper

228 100

226 30.6 21.0 31.4

229 19.9 15.6 23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.47 ng

RT: 13.894 min Scan# 1033

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

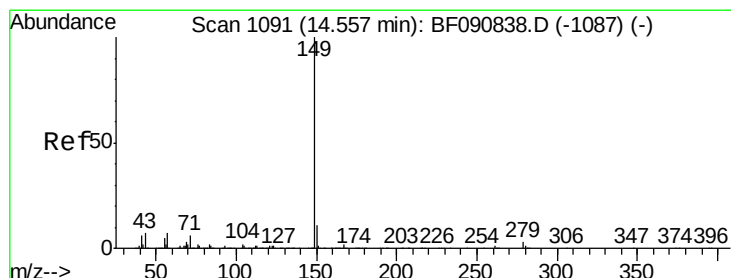
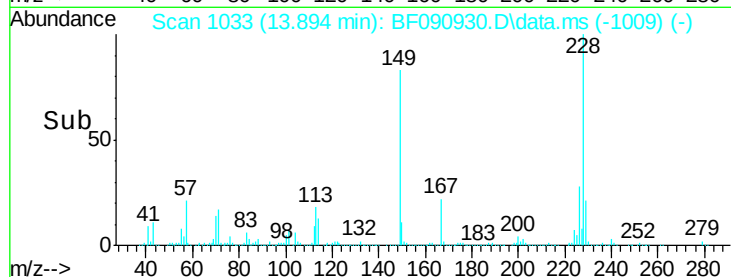
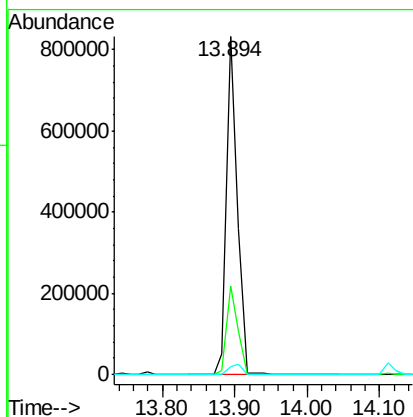
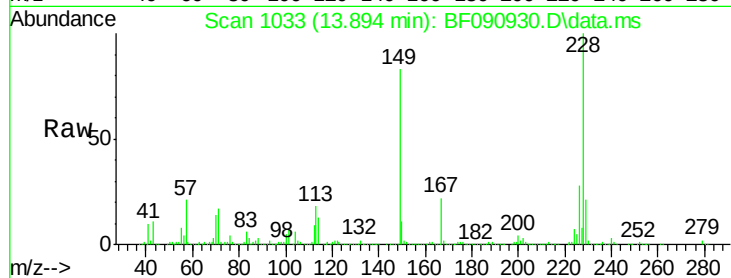
Tot Ion:149 Resp: 860596

Ion Ratio Lower Upper

149 100

167 26.3 24.2 36.2

279 2.5 3.8 5.6#



#84

Di-n-octyl phthalate

Concen: 52.68 ng

RT: 14.511 min Scan# 1087

Delta R.T. -0.023 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

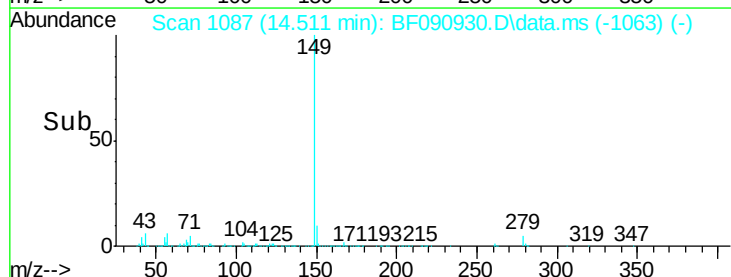
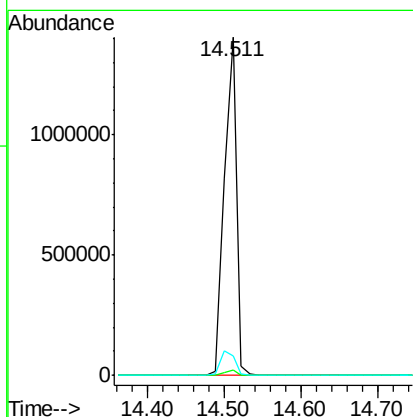
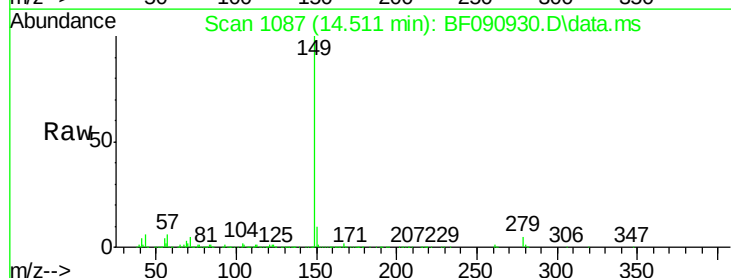
Tgt Ion:149 Resp: 1570716

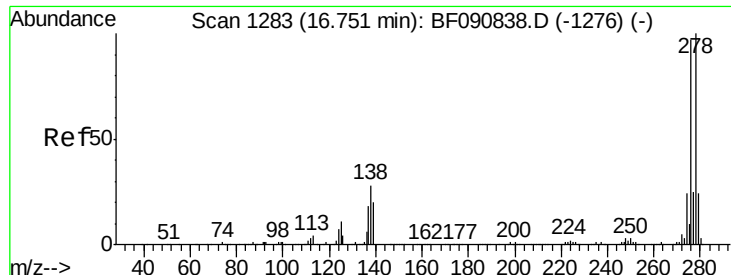
Ion Ratio Lower Upper

149 100

167 1.6 1.0 1.6

43 8.2 10.2 15.2#

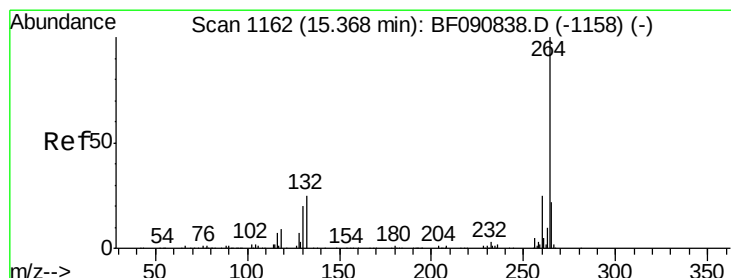
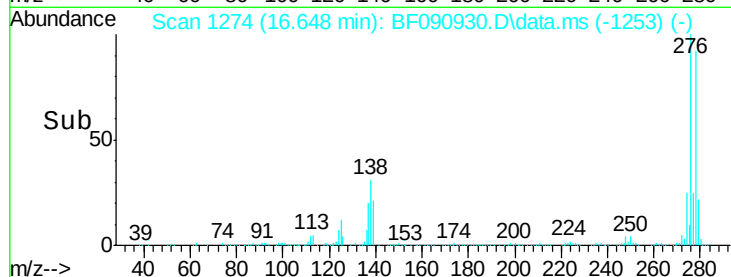
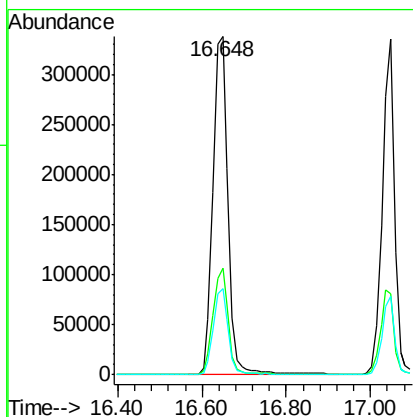
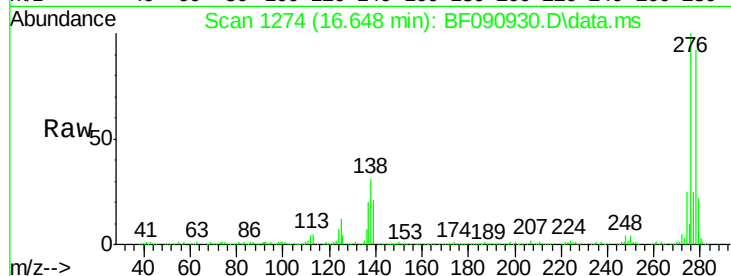




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.52 ng
 RT: 16.648 min Scan# 12
 Delta R.T. -0.057 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

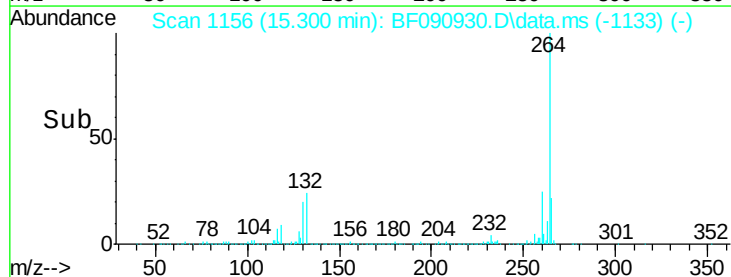
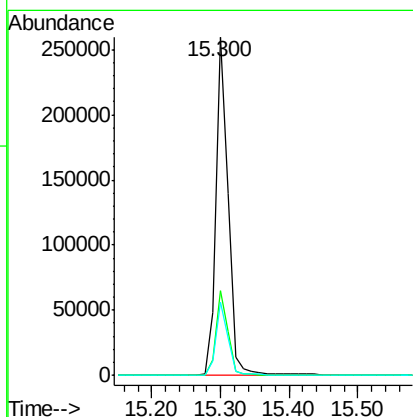
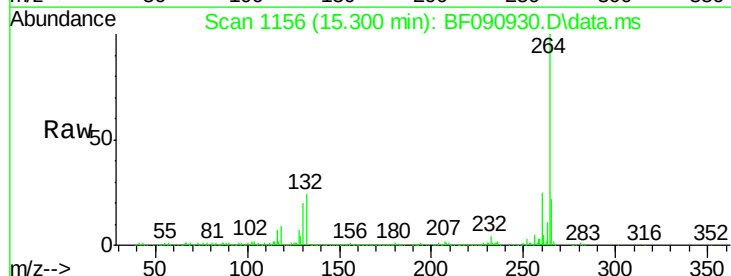
Instrument :
 BNA_F
 ClientSampleId :

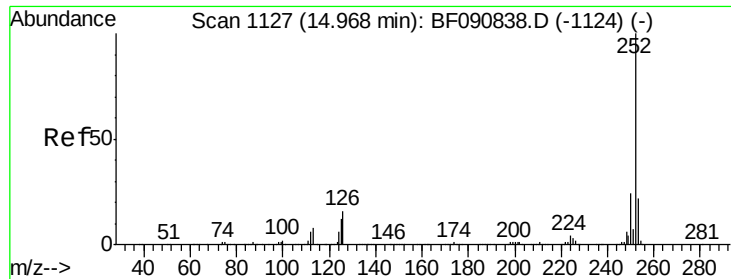
Tot Ion:276 Resp: 847576
 Ion Ratio Lower Upper
 276 100
 138 31.8 25.7 38.5
 277 25.4 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.300 min Scan# 1156
 Delta R.T. -0.034 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion:264 Resp: 329411
 Ion Ratio Lower Upper
 264 100
 260 25.0 16.7 25.1
 265 21.6 17.2 25.8

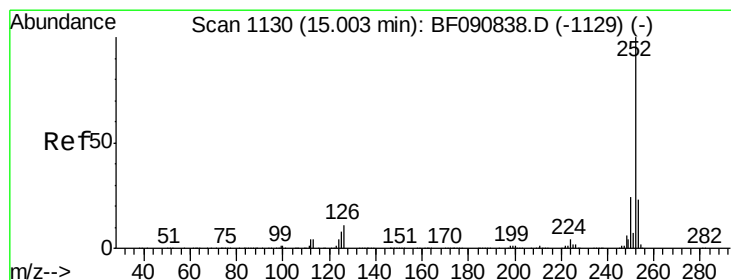
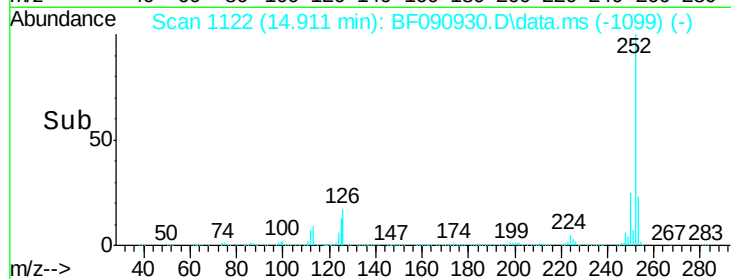
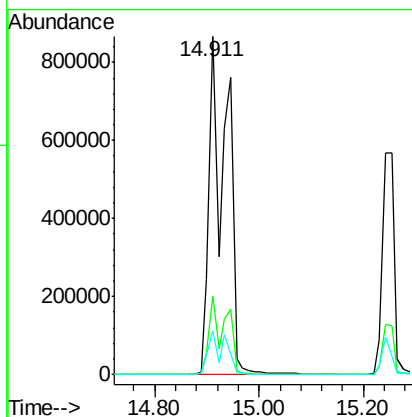
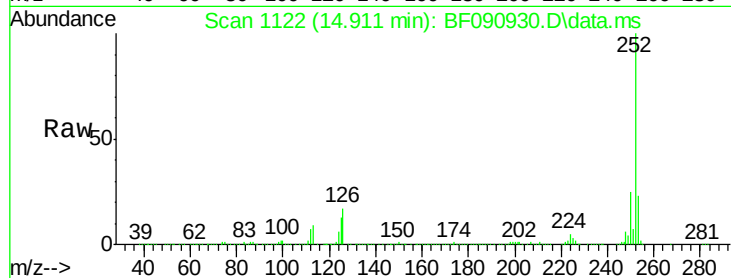




#87
Benzo(b)fluoranthene
Concen: 90.51 ng
RT: 14.911 min Scan# 111
Delta R.T. -0.034 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

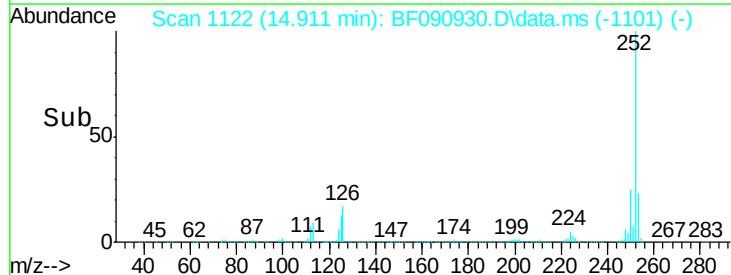
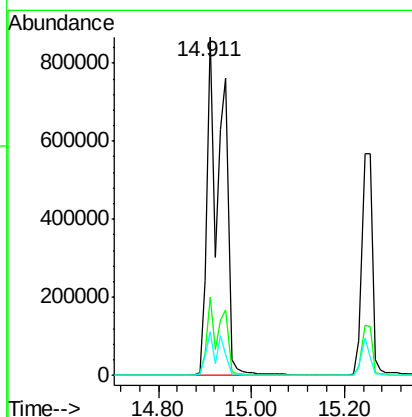
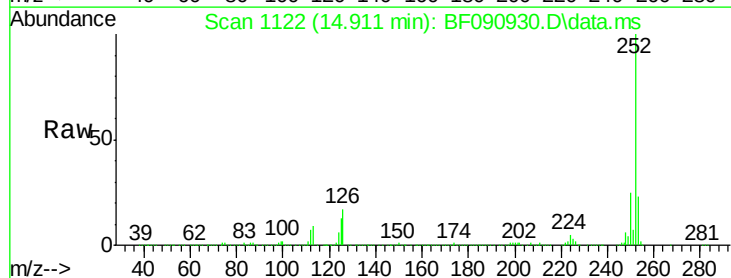
Instrument :
BNA_F
ClientSampleId :

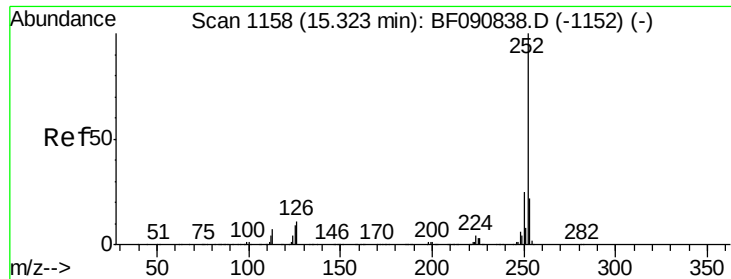
Tot Ion:252 Resp: 2004908
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 12.9 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 114.65 ng
RT: 14.911 min Scan# 1122
Delta R.T. -0.057 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Tgt Ion:252 Resp: 2006967
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.4
125 12.9 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 47.02 ng

RT: 15.242 min Scan# 11

Delta R.T. -0.046 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

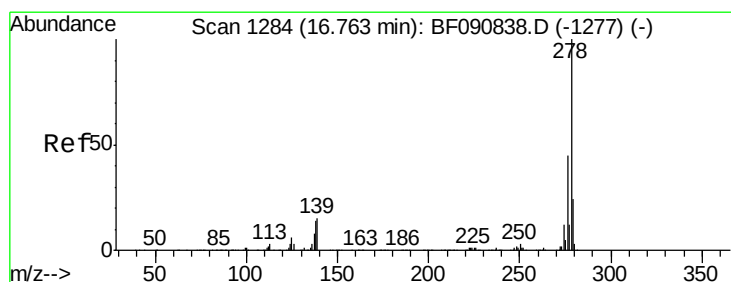
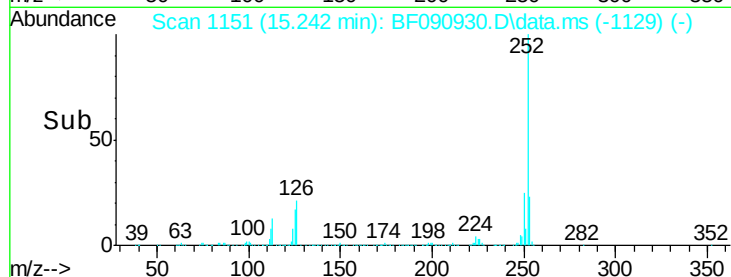
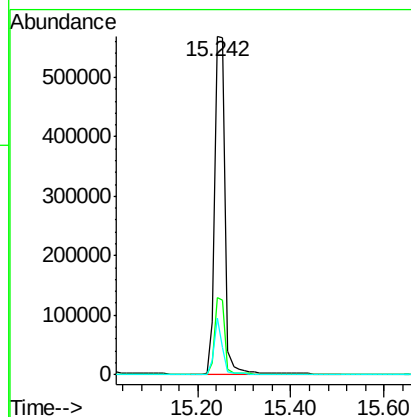
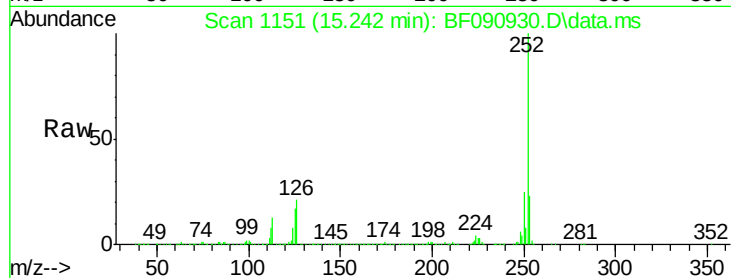
Tot Ion:252 Resp: 894915

Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

125 16.6 18.0 27.0#



#90

Dibenzo(a,h)anthracene

Concen: 44.90 ng

RT: 16.660 min Scan# 1275

Delta R.T. -0.057 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

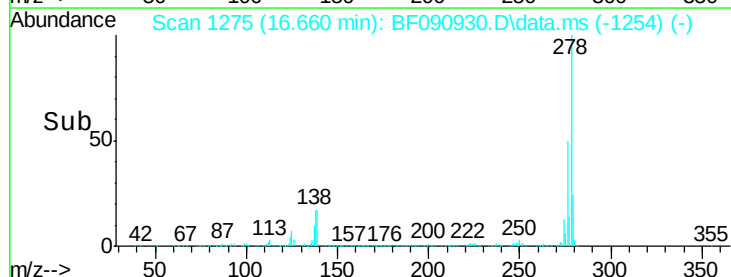
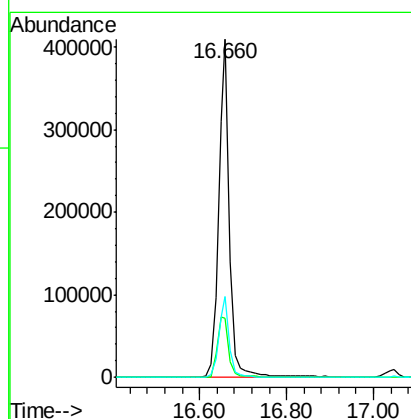
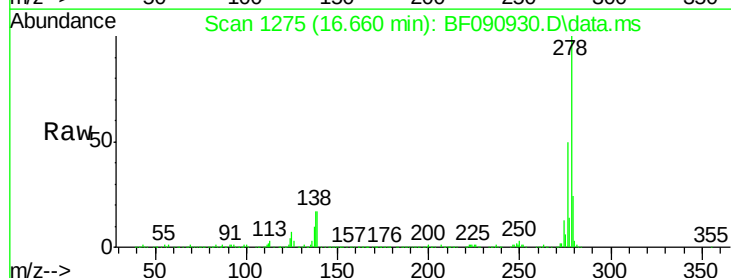
Tgt Ion:278 Resp: 723407

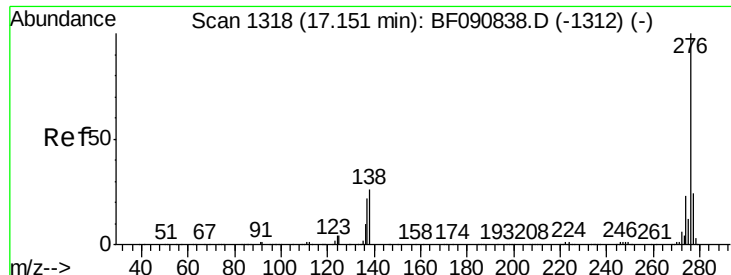
Ion Ratio Lower Upper

278 100

139 17.3 26.3 39.5#

279 23.9 18.2 27.4





#91

Benzo(a,h,i)perylene

Concen: 44.79 ng

RT: 17.048 min Scan# 131

Delta R.T. -0.057 min

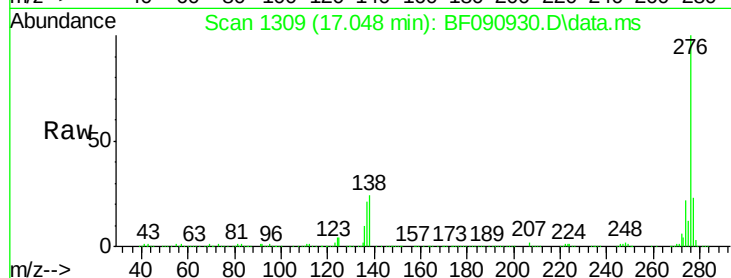
Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 679696

Ion Ratio Lower Upper

276 100

277 23.3 17.8 26.6

138 24.3 34.6 51.8#

