

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090500.D
 Acq On : 11 Oct 2016 13:41
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 14:14:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 13:13:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	209541	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	859490	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	435051	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	721179	20.00	ng	0.01
75) Chrysene-d12	14.13	240	569919	20.00	ng	0.00
86) Perylene-d12	15.61	264	512203	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1762179	125.51	ng	0.00
7) Phenol-d6	6.60	99	2421664	131.69	ng	0.01
23) Nitrobenzene-d5	7.53	82	2070060	117.16	ng	0.01
41) 2,4,6-Tribromophenol	10.79	330	612733	173.21	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	3511742	134.49	ng	0.00
78) Terphenyl-d14	13.08	244	3272251	129.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	490753	70.91	ng	# 84
3) Pyridine	3.38	79	1387654	71.91	ng	# 75
4) n-Nitrosodimethylamine	3.34	42	454428	57.07	ng	# 38
6) Aniline	6.62	93	1534527	60.41	ng	98
8) 2-Chlorophenol	6.75	128	1086157	70.30	ng	86
9) Benzaldehyde	6.50	77	710310	76.42	ng	96
10) Phenol	6.61	94	1477195	69.09	ng	88
11) bis(2-Chloroethyl)ether	6.69	93	948421	57.94	ng	97
12) 1,3-Dichlorobenzene	6.90	146	1102710	71.60	ng	97
13) 1,4-Dichlorobenzene	6.98	146	1213110	77.55	ng	94
14) 1,2-Dichlorobenzene	7.13	146	953929	63.29	ng	96
15) Benzyl Alcohol	7.10	79	934500	66.85	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.23	45	1440136	51.87	ng	86
17) 2-Methylphenol	7.22	107	894249	70.37	ng	99
18) Hexachloroethane	7.47	117	410210	66.52	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	715223	53.04	ng	# 81
20) 3+4-Methylphenols	7.37	107	960976	58.43	ng	# 86
22) Acetophenone	7.38	105	1363565	66.98	ng	# 85
24) Nitrobenzene	7.55	77	1253693	71.47	ng	# 81
25) Isophorone	7.79	82	2050582	63.48	ng	96
26) 2-Nitrophenol	7.86	139	558758	74.01	ng	# 88
27) 2,4-Dimethylphenol	7.90	122	1029783	70.13	ng	97
28) bis(2-Chloroethoxy)methane	7.99	93	1260148	65.96	ng	98
29) 2,4-Dichlorophenol	8.11	162	823105	73.73	ng	96
30) 1,2,4-Trichlorobenzene	8.19	180	990208	86.07	ng	97
31) Naphthalene	8.27	128	2862775	69.04	ng	99
32) Benzoic acid	8.05	122	812628	79.61	ng	98
33) 4-Chloroaniline	8.31	127	1256055	73.29	ng	# 93
34) Hexachlorobutadiene	8.38	225	494513	76.93	ng	100
35) Caprolactam	8.70	113	269059	71.69	ng	# 77
36) 4-Chloro-3-methylphenol	8.81	107	928440	66.42	ng	# 82
37) 2-Methylnaphthalene	8.95	142	1802091	71.80	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	911107	79.43	ng	99
40) Hexachlorocyclopentadiene	9.11	237	467039	74.28	ng	99

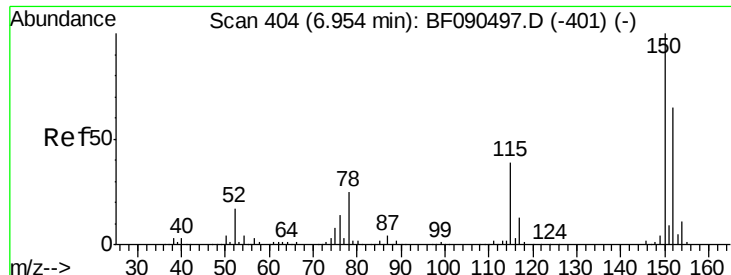
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 13:13:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	645555	81.56	nq	99
43) 2,4,5-Trichlorophenol	9.27	196	600685	80.26	nq	98
45) 1,1'-Biphenyl	9.42	154	2094737	64.98	nq	98
46) 2-Chloronaphthalene	9.45	162	1742499	73.15	nq	99
47) 2-Nitroaniline	9.54	65	635191	67.59	nq	96
48) Acenaphthylene	9.87	152	2802129	71.30	nq	99
49) Dimethylphthalate	9.73	163	2038706	73.17	nq	100
50) 2,6-Dinitrotoluene	9.79	165	497756	80.47	nq	# 81
51) Acenaphthene	10.04	154	1871779	76.38	nq	97
52) 3-Nitroaniline	9.96	138	597795	82.73	nq	95
53) 2,4-Dinitrophenol	10.06	184	324146	117.53	nq	# 77
54) Dibenzofuran	10.21	168	2496631	78.71	nq	95
55) 4-Nitrophenol	10.12	139	537037	84.94	nq	# 77
56) 2,4-Dinitrotoluene	10.19	165	596875	72.50	nq	# 49
57) Fluorene	10.55	166	1945386	72.98	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	522143	93.42	nq	90
59) Diethylphthalate	10.43	149	2153056	74.69	nq	96
60) 4-Chlorophenyl-phenylether	10.54	204	904674	74.64	nq	98
61) 4-Nitroaniline	10.58	138	578876	79.51	nq	94
62) Azobenzene	10.70	77	2060935	61.89	nq	91
64) 4,6-Dinitro-2-methylphenol	10.60	198	349855	79.94	nq	# 73
65) n-Nitrosodiphenylamine	10.67	169	1837360	76.03	nq	98
66) 4-Bromophenyl-phenylether	11.03	248	610833	86.41	nq	98
67) Hexachlorobenzene	11.10	284	686632	87.22	nq	98
68) Atrazine	11.19	200	565685	94.93	nq	96
69) Pentachlorophenol	11.30	266	462960	98.79	nq	98
70) Phenanthrene	11.52	178	2507689	67.91	nq	100
71) Anthracene	11.57	178	3039012	80.59	nq	99
72) Carbazole	11.72	167	2388994	68.19	nq	100
73) Di-n-butylphthalate	12.05	149	3014289	70.69	nq	99
74) Fluoranthene	12.70	202	2657861	73.38	nq	99
76) Benzidine	12.83	184	1530332	102.12	nq	# 95
77) Pyrene	12.93	202	2989200	78.66	nq	100
79) Butylbenzylphthalate	13.55	149	1326629	68.03	nq	# 85
80) Benzo(a)anthracene	14.13	228	2748334	85.95	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	950209	81.96	nq	# 96
82) Chrysene	14.17	228	2502580	85.04	nq	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	1872856	67.57	nq	# 100
84) Di-n-octyl phthalate	14.73	149	2932304	71.36	nq	# 87
85) Indeno(1,2,3-cd)pyrene	17.10	276	2305048	109.86	nq	98
87) Benzo(b)fluoranthene	15.18	252	2523973	77.36	nq	# 96
88) Benzo(k)fluoranthene	15.18	252	2523973	82.36	nq	98
89) Benzo(a)pyrene	15.56	252	2412487	85.79	nq	98
90) Dibenzo(a,h)anthracene	17.13	278	2034902	85.05	nq	99
91) Benzo(g,h,i)perylene	17.55	276	1857688	80.91	nq	97

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

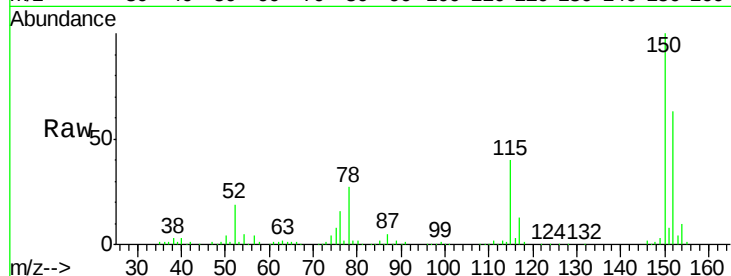


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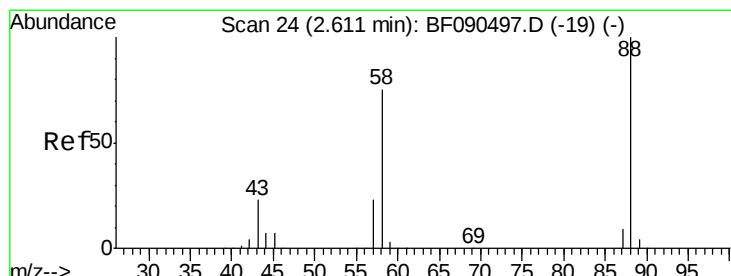
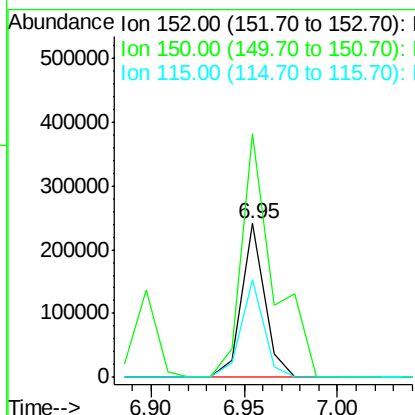
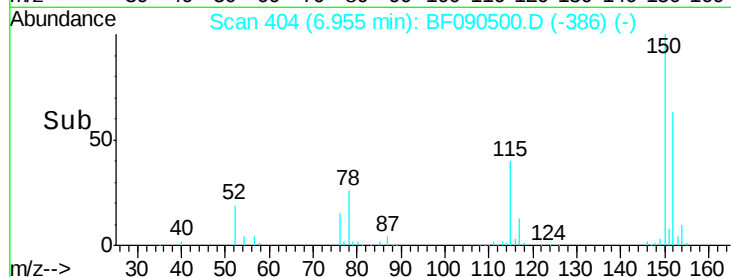
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 209541
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 63.6 46.2 69.4



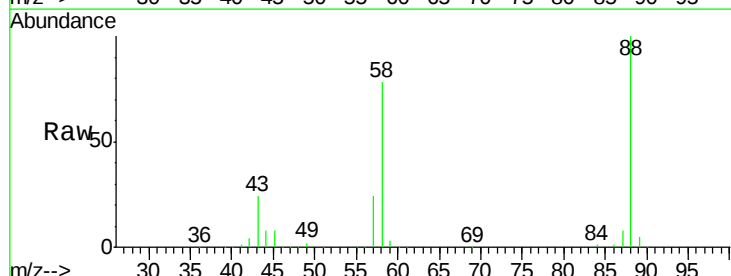
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



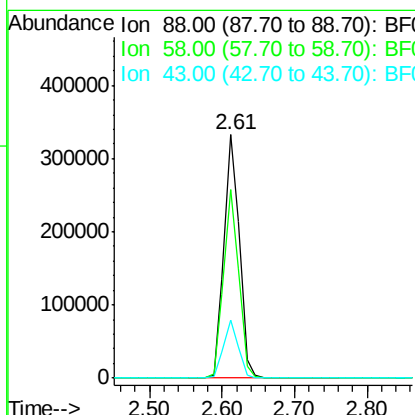
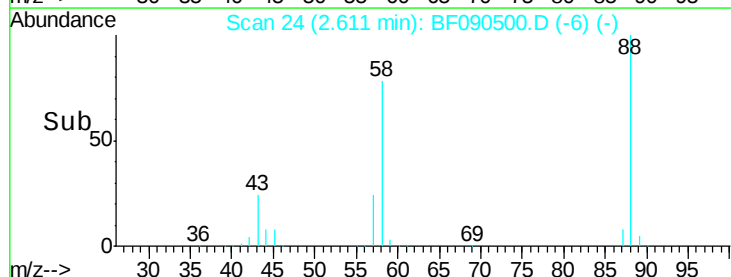
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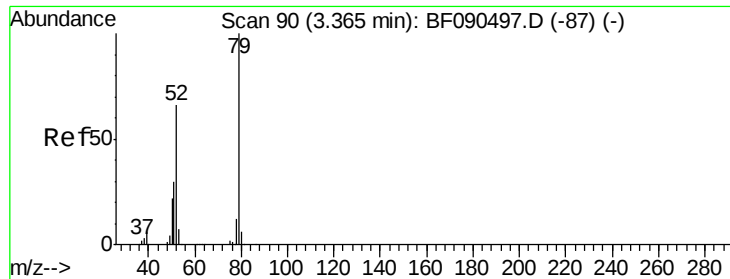
1,4-Dioxane
Concen: 70.91 ng
RT: 2.61 min Scan# 24
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion: 88 Resp: 490753
Ion Ratio Lower Upper
88 100
58 76.3 71.2 106.8
43 23.3 29.8 44.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 71.91 ng

RT: 3.38 min Scan# 91

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

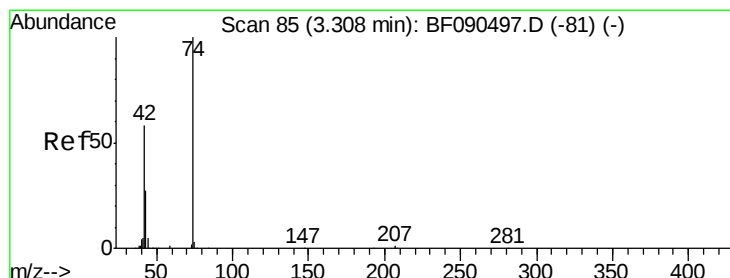
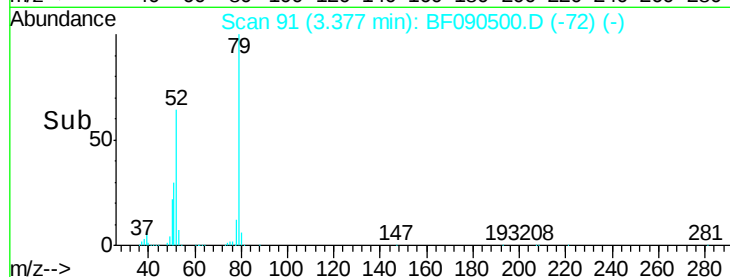
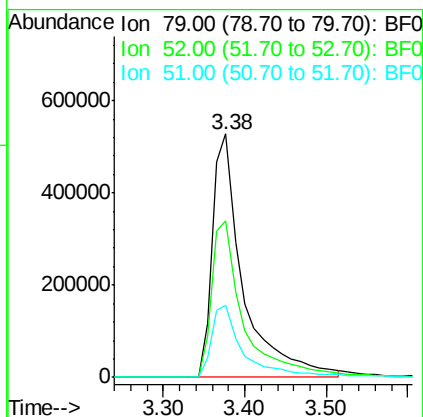
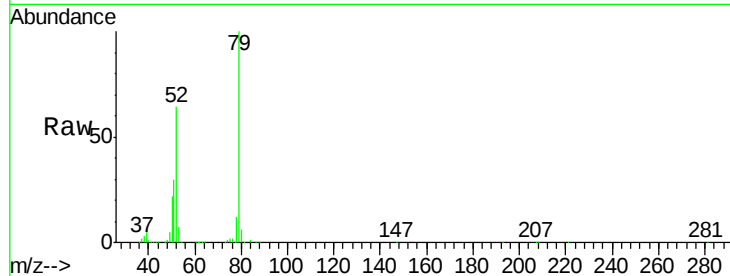
Tot Ion: 79 Resp: 1387654

Ion Ratio Lower Upper

79 100

52 64.3 71.3 106.9#

51 29.8 34.5 51.7#



#4

n-Nitrosodimethylamine

Concen: 57.07 ng

RT: 3.34 min Scan# 88

Delta R.T. 0.03 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

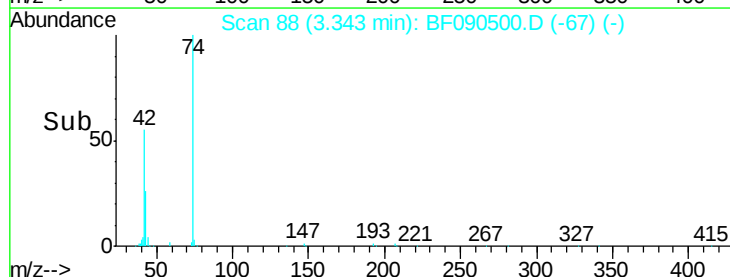
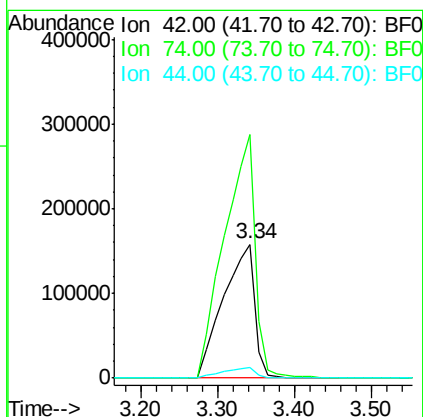
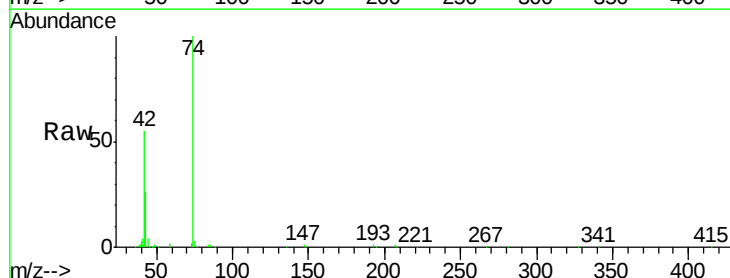
Tgt Ion: 42 Resp: 454428

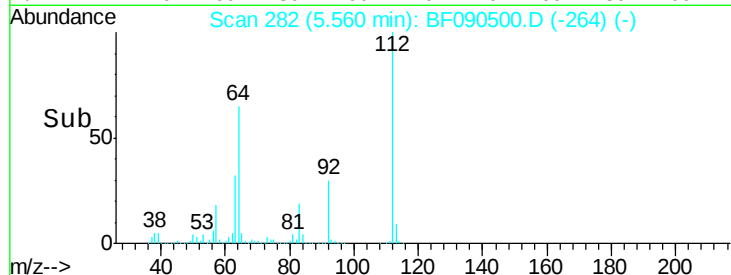
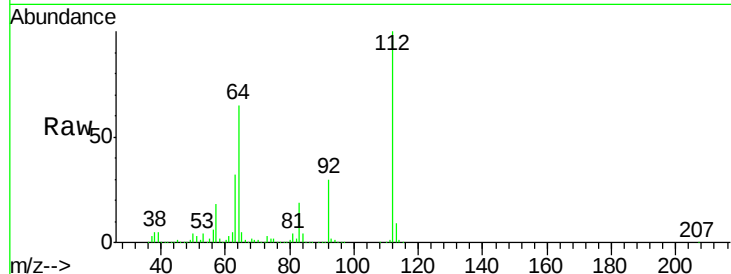
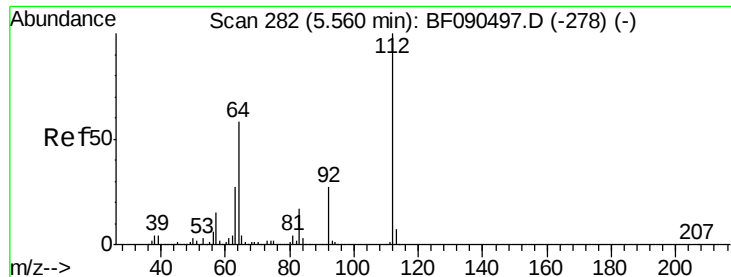
Ion Ratio Lower Upper

42 100

74 181.6 88.9 133.3#

44 7.8 6.5 9.7





#5

2-Fluorophenol

Concen: 125.51 ng

RT: 5.56 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:112 Resp: 1762179

Ion Ratio Lower Upper

112 100

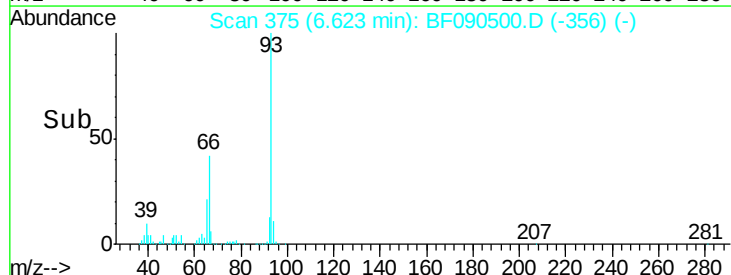
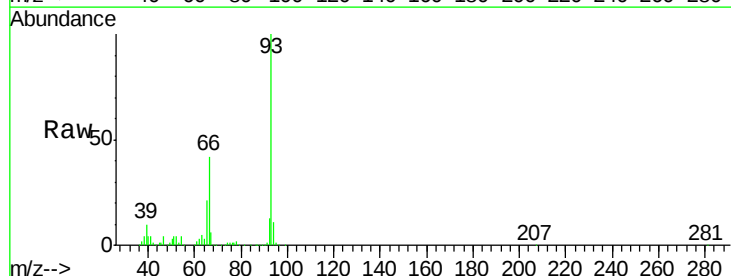
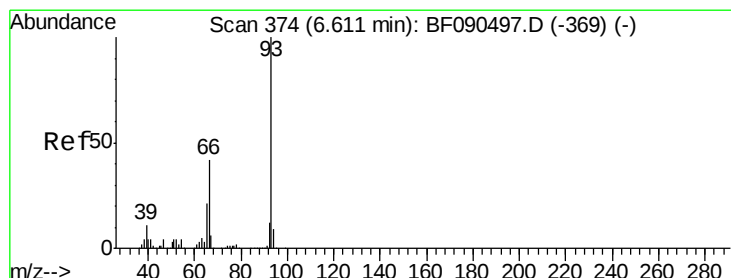
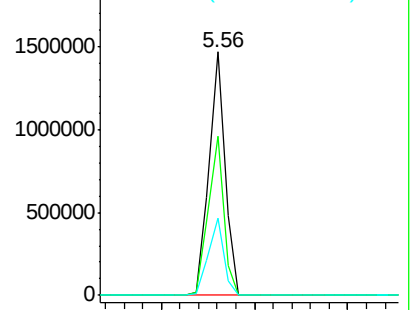
64 65.3 57.9 86.9

63 31.6 29.6 44.4

Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 60.41 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Tgt Ion: 93 Resp: 1534527

Ion Ratio Lower Upper

93 100

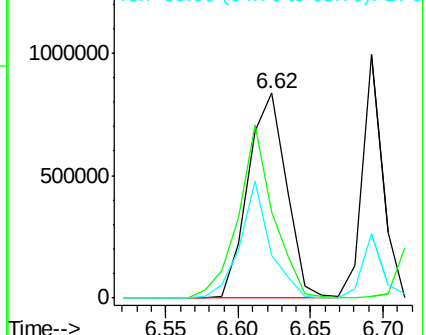
66 42.1 34.5 51.7

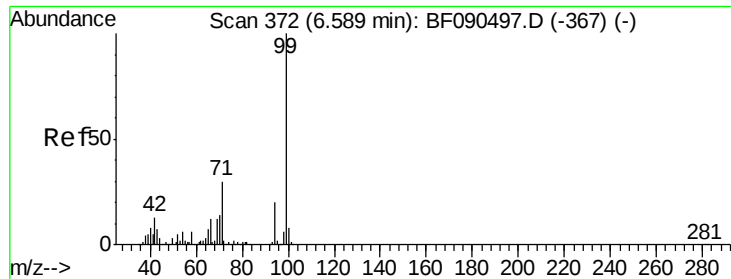
65 20.6 18.2 27.2

Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.69 ng

RT: 6.60 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

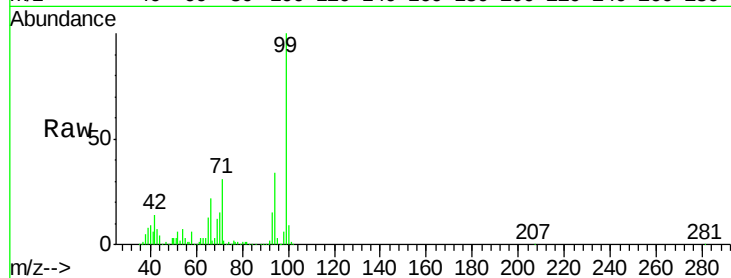
Instrument :

BNA_F

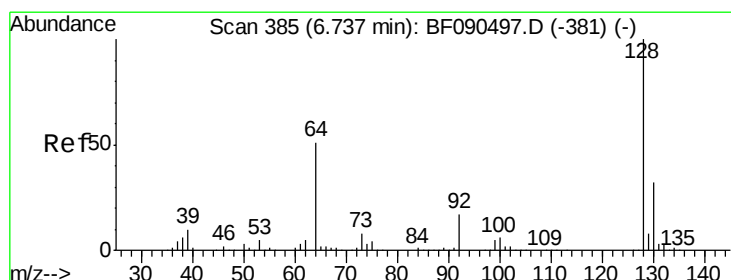
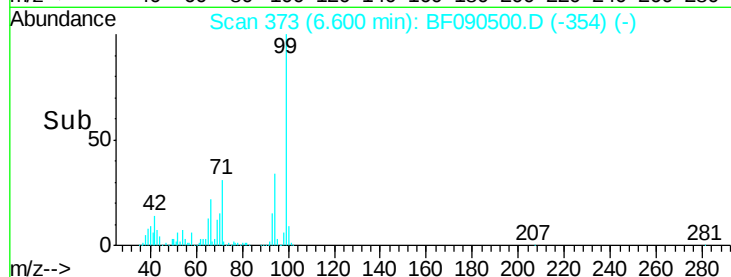
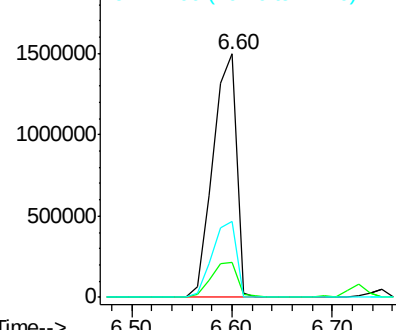
ClientSampleId :

Tot Ion: 99 Resp: 2421664

Ion	Ratio	Lower	Upper
99	100		
42	14.2	20.0	30.0#
71	31.1	27.9	41.9



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 70.30 ng

RT: 6.75 min Scan# 386

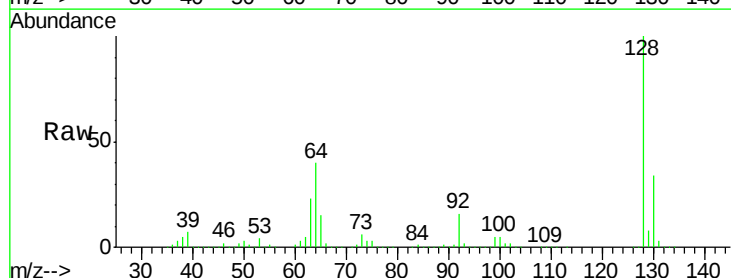
Delta R.T. 0.01 min

Lab File: BF090500.D

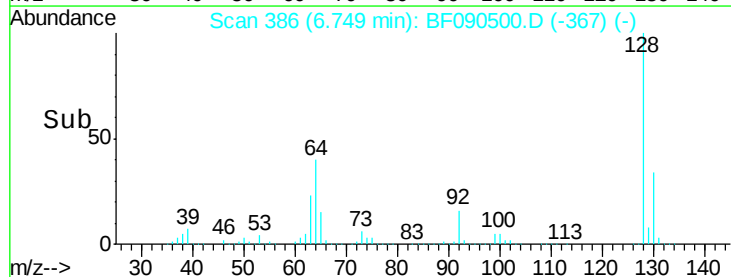
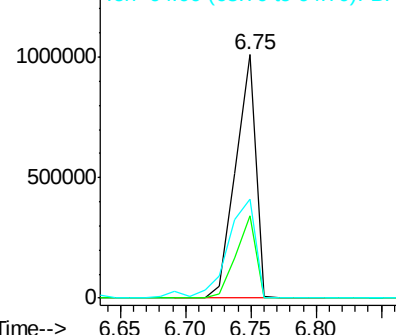
Acq: 11 Oct 2016 13:41

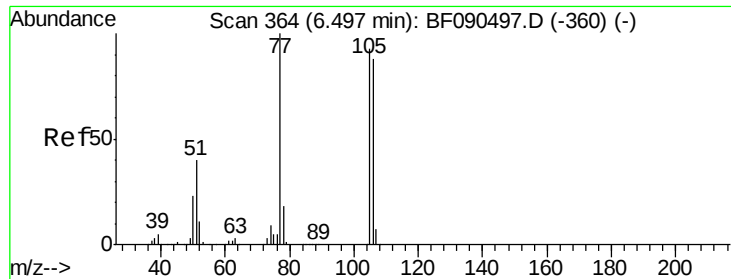
Tgt Ion: 128 Resp: 1086157

Ion	Ratio	Lower	Upper
128	100		
130	33.9	13.3	53.3
64	40.5	36.0	76.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 76.42 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

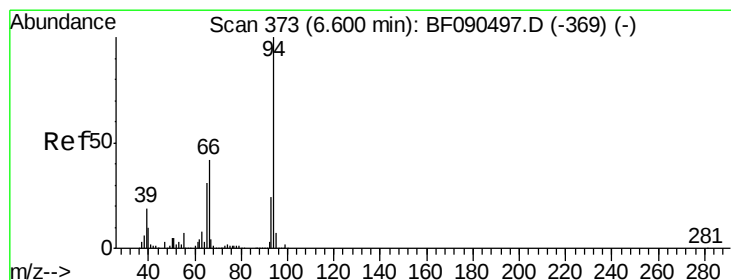
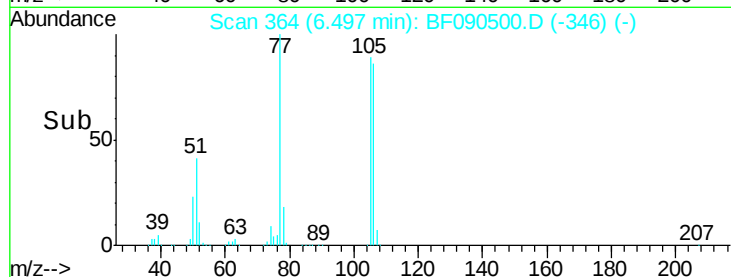
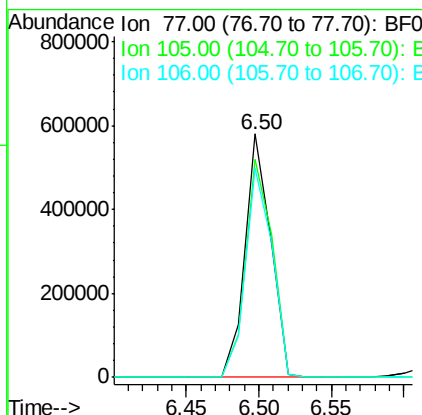
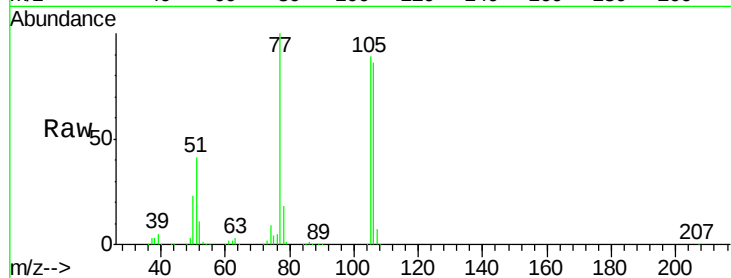
Tot Ion: 77 Resp: 710310

Ion Ratio Lower Upper

77 100

105 89.4 73.1 113.1

106 85.8 70.2 110.2



#10

Phenol

Concen: 69.09 ng

RT: 6.61 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

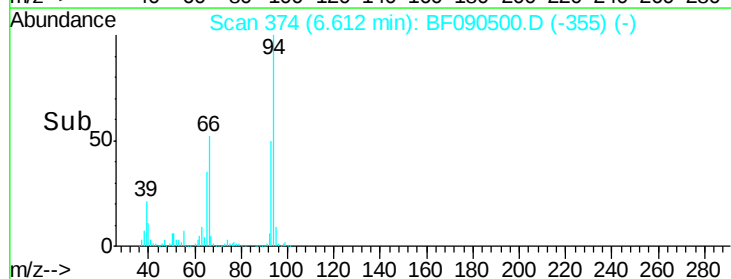
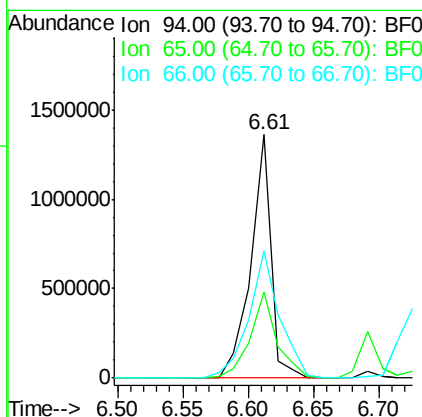
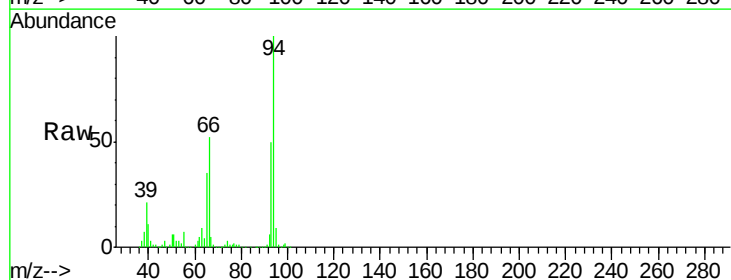
Tgt Ion: 94 Resp: 1477195

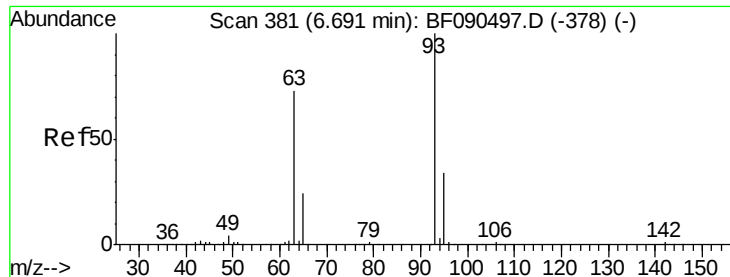
Ion Ratio Lower Upper

94 100

65 35.2 13.3 53.3

66 52.0 20.4 60.4





#11

bis(2-Chloroethyl)ether

Concen: 57.94 ng

RT: 6.69 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

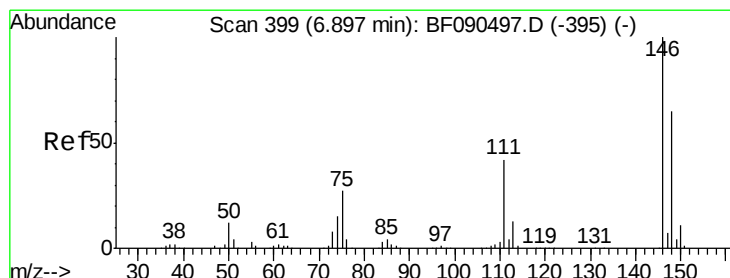
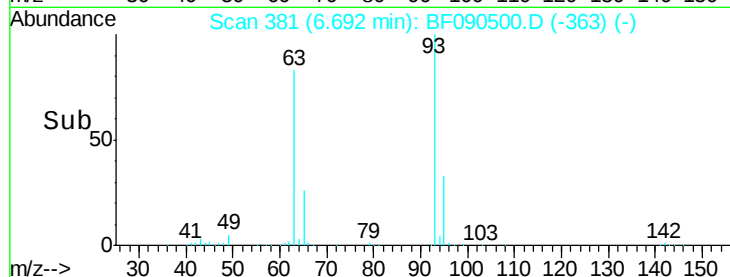
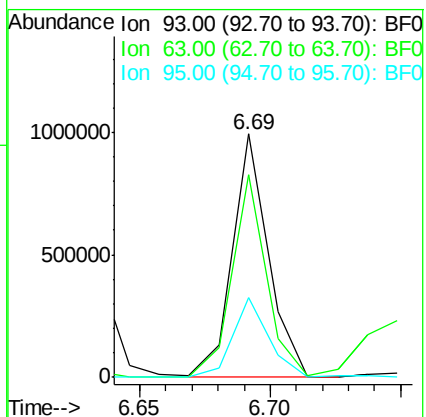
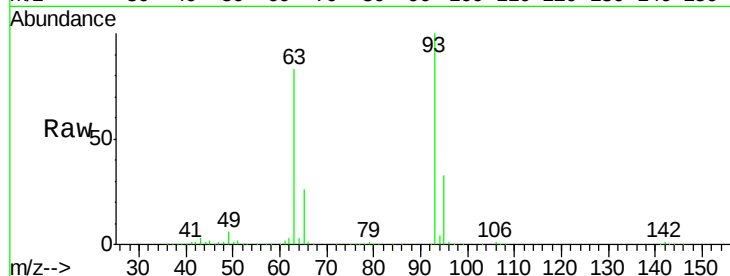
Tot Ion: 93 Resp: 948421

Ion Ratio Lower Upper

93 100

63 83.0 59.7 99.7

95 33.0 14.0 54.0



#12

1,3-Dichlorobenzene

Concen: 71.60 ng

RT: 6.90 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

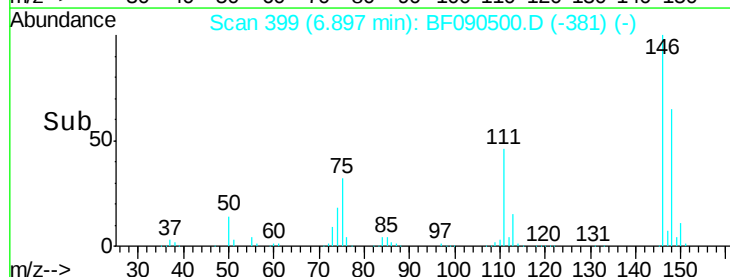
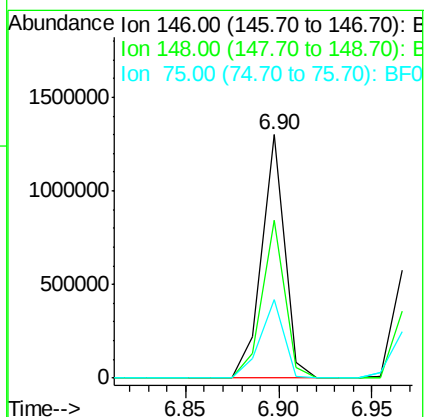
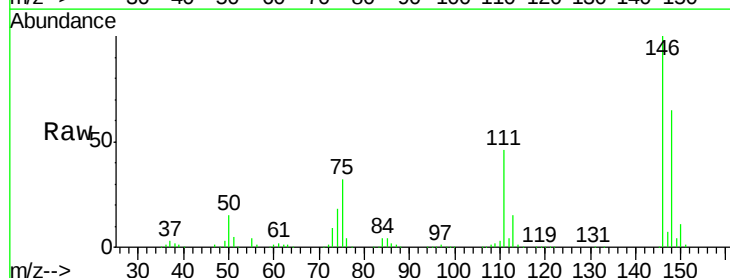
Tgt Ion: 146 Resp: 1102710

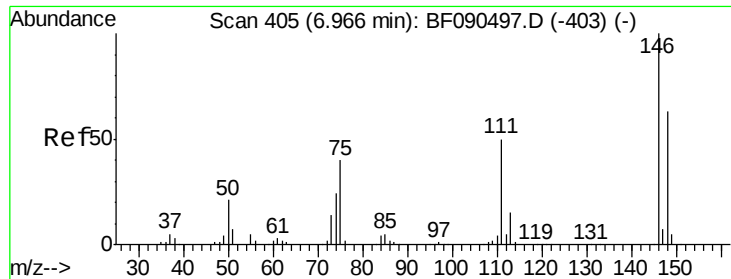
Ion Ratio Lower Upper

146 100

148 64.9 52.2 78.4

75 32.0 21.4 32.2

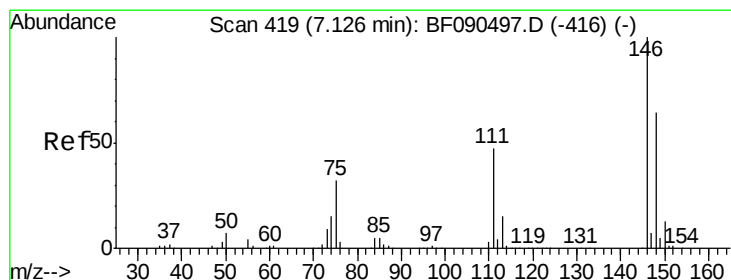
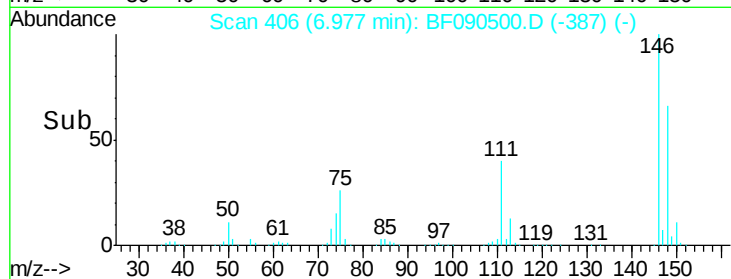
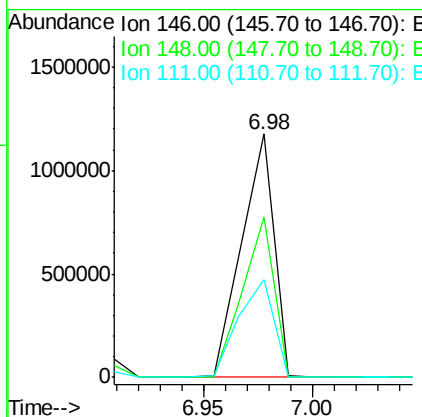
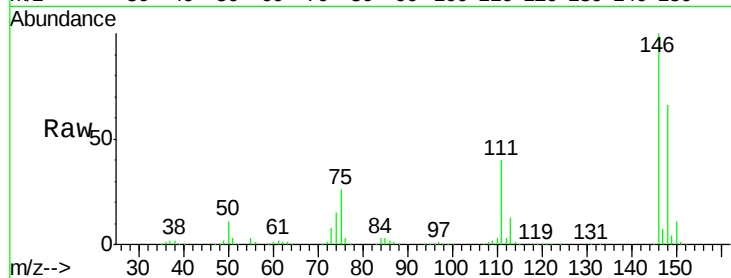




#13
 1,4-Dichlorobenzene
 Concen: 77.55 ng
 RT: 6.98 min Scan# 406
 Delta R.T. 0.01 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

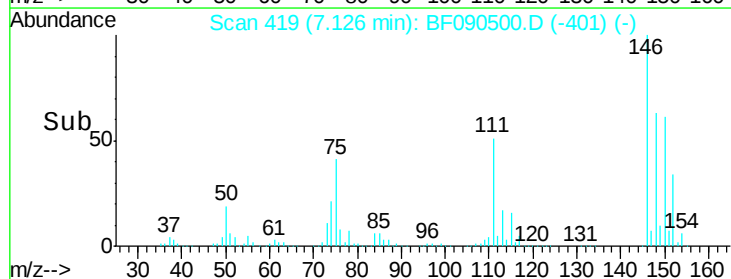
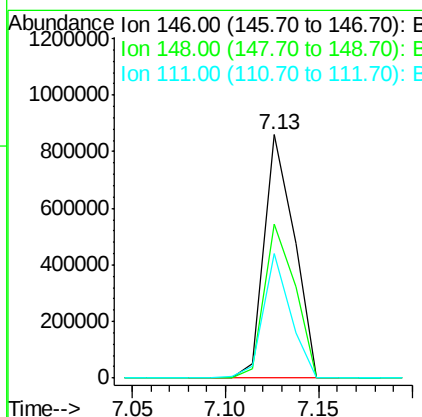
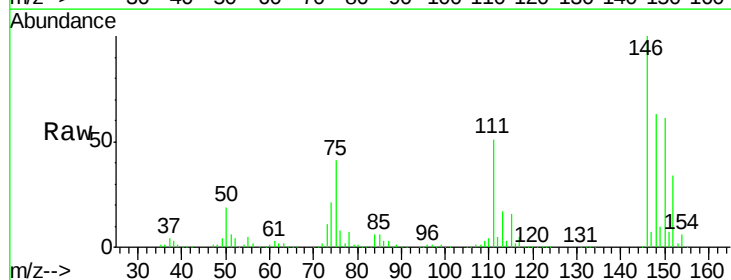
Instrument :
 BNA_F
 ClientSampleId :

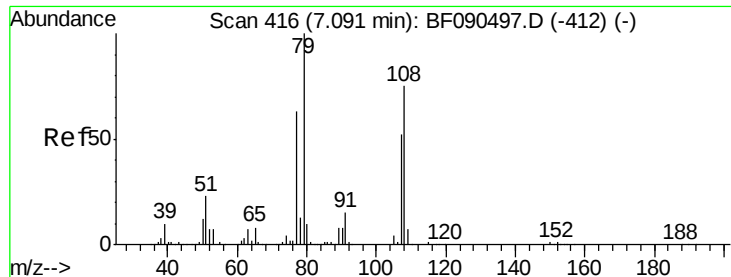
Tot Ion:146 Resp: 1213110
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.1 76.7
 111 40.0 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 63.29 ng
 RT: 7.13 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

Tgt Ion:146 Resp: 953929
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.3 78.5
 111 51.2 38.2 57.4





#15

Benzyl Alcohol

Concen: 66.85 ng

RT: 7.10 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampled :

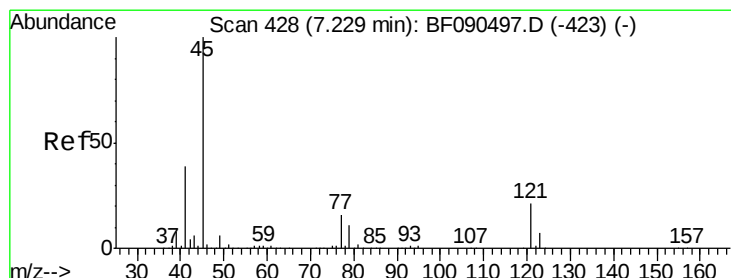
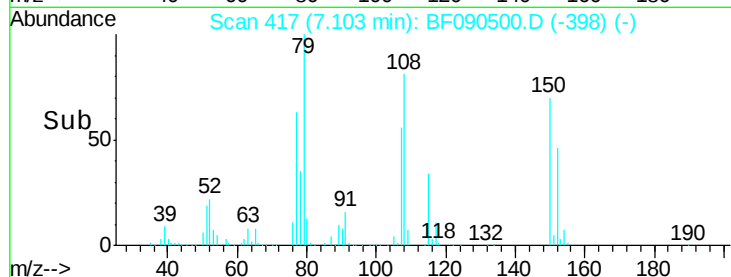
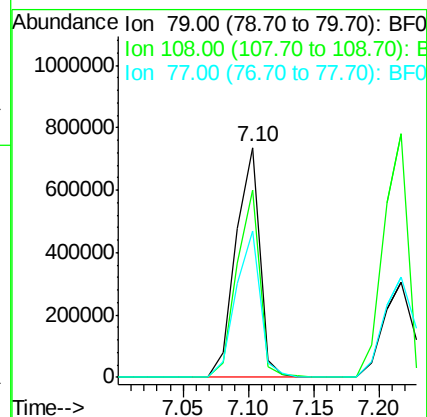
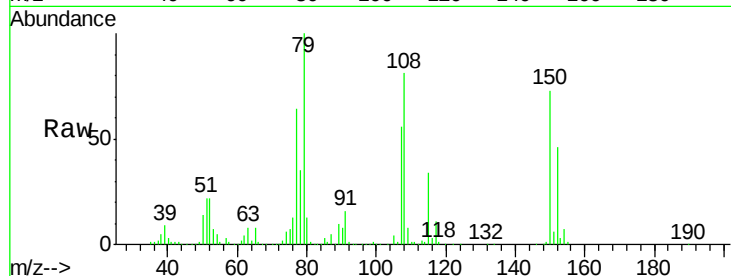
Tot Ion: 79 Resp: 934500

Ion Ratio Lower Upper

79 100

108 81.3 60.9 91.3

77 63.6 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.87 ng

RT: 7.23 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

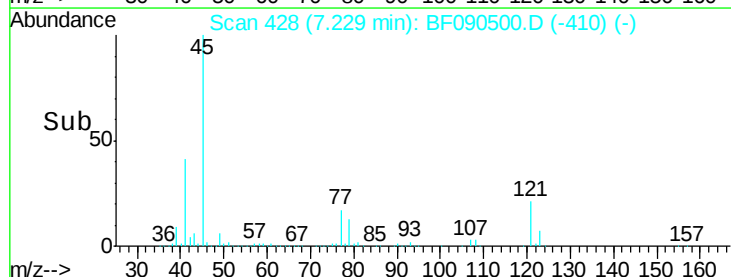
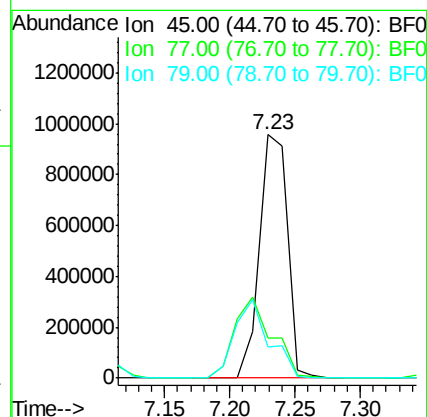
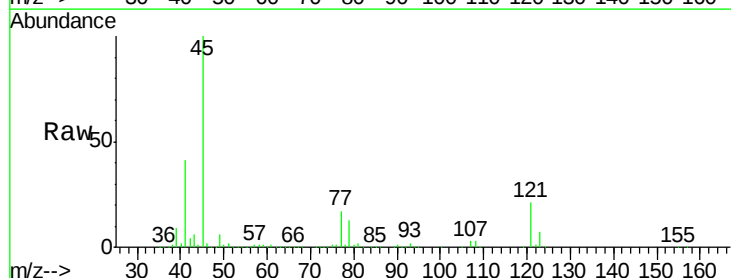
Tgt Ion: 45 Resp: 1440136

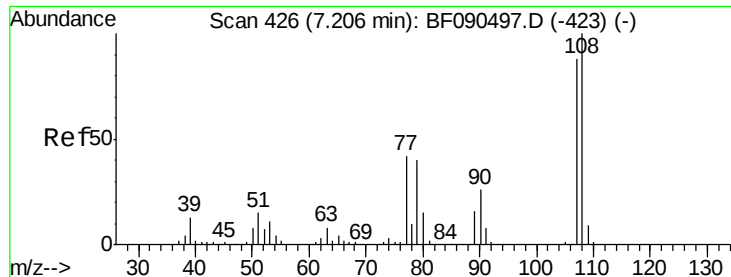
Ion Ratio Lower Upper

45 100

77 16.5 0.0 30.8

79 12.6 0.0 28.2

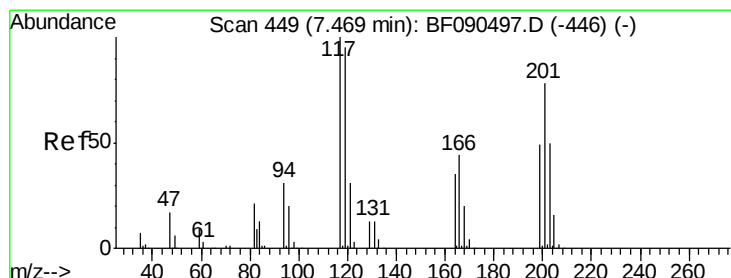
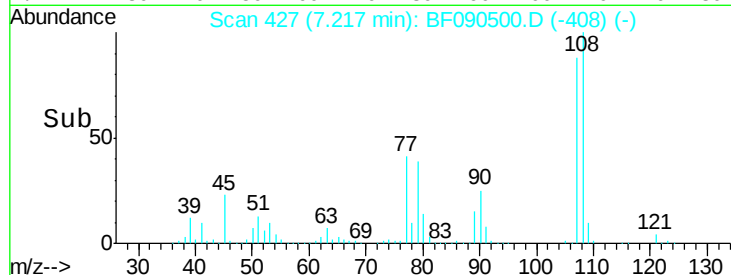
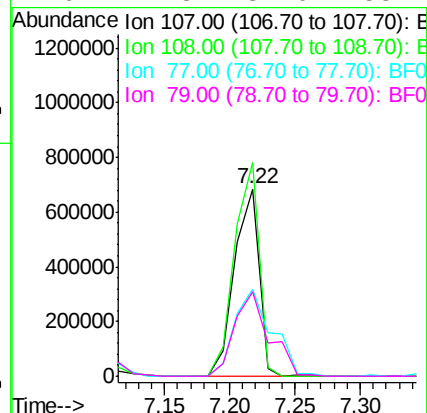
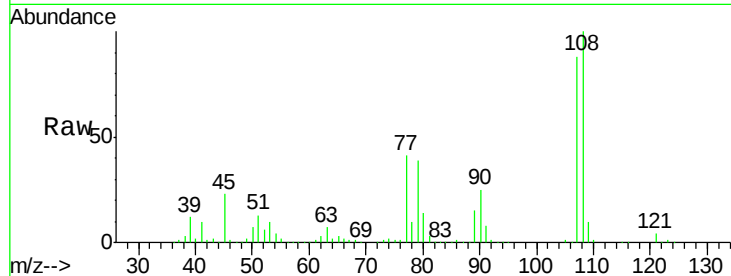




#17
2-Methylphenol
Concen: 70.37 ng
RT: 7.22 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

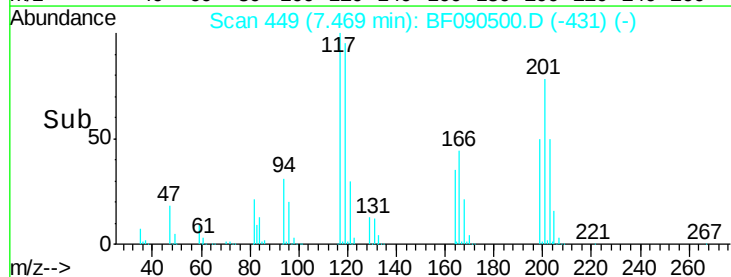
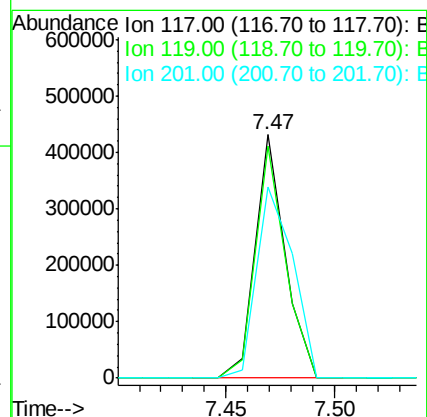
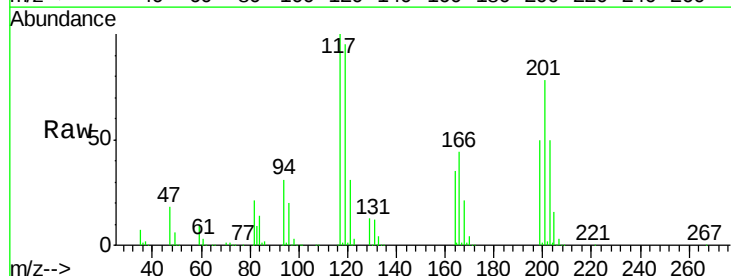
Instrument :
BNA_F
ClientSampled :

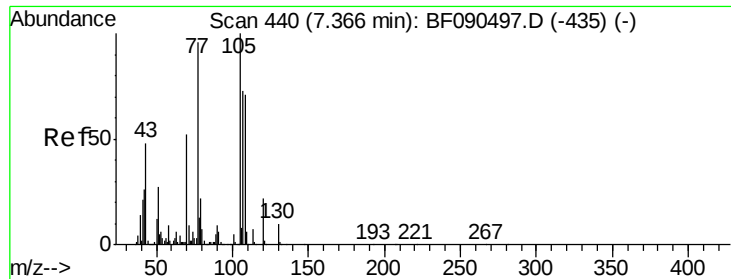
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	90.9	136.3
77	46.8	38.2	57.4
79	44.8	37.0	55.4



#18
Hexachloroethane
Concen: 66.52 ng
RT: 7.47 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.9	113.9
201	78.3	66.5	99.7

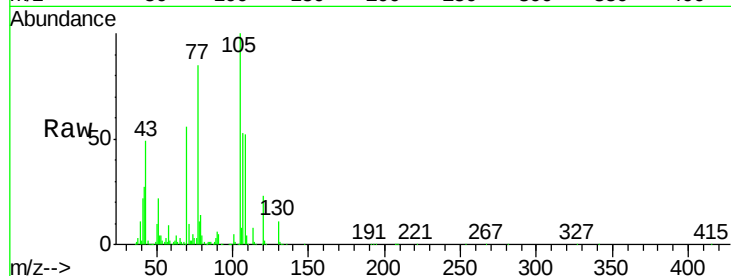




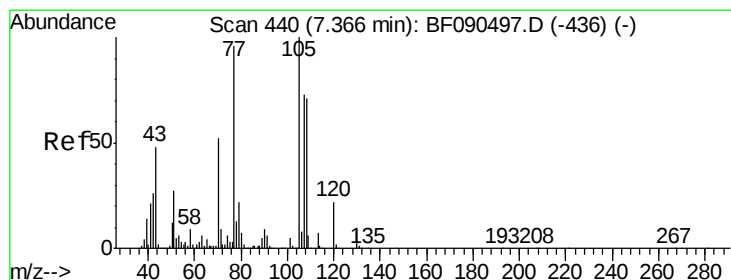
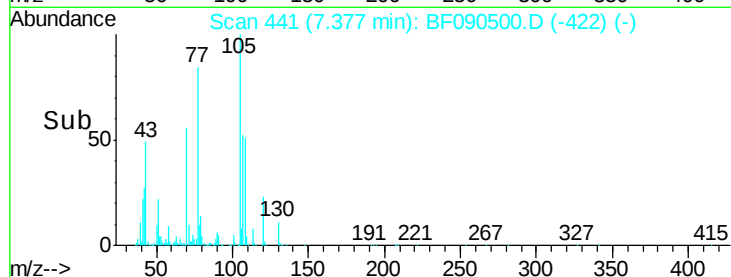
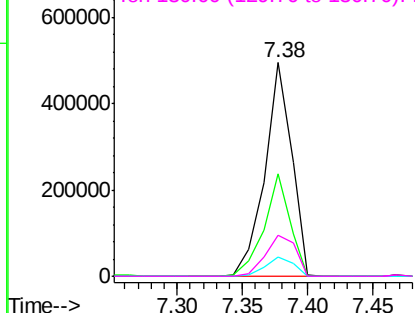
#19
n-Nitroso-di-n-propylamine
Concen: 53.04 ng
RT: 7.38 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 715223
Ion Ratio Lower Upper
70 100
42 48.2 55.4 83.2#
101 8.9 7.6 11.4
130 19.2 16.5 24.7



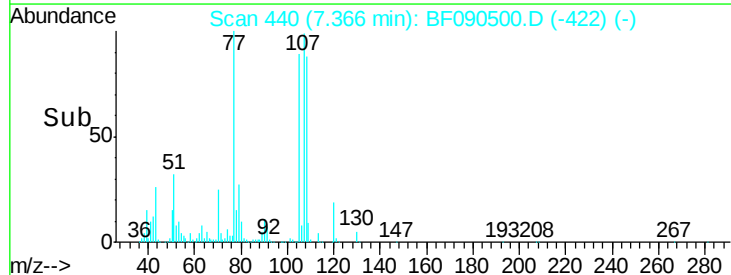
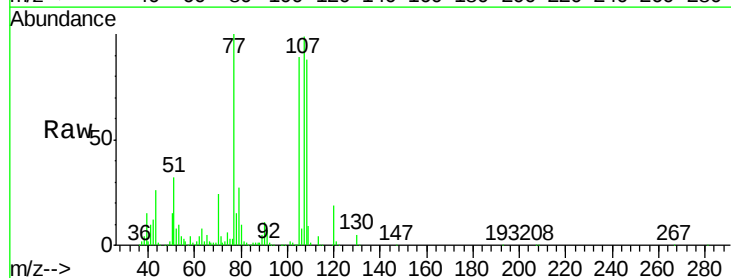
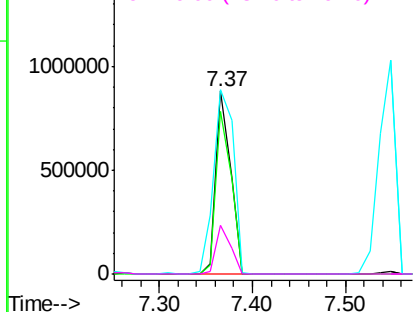
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

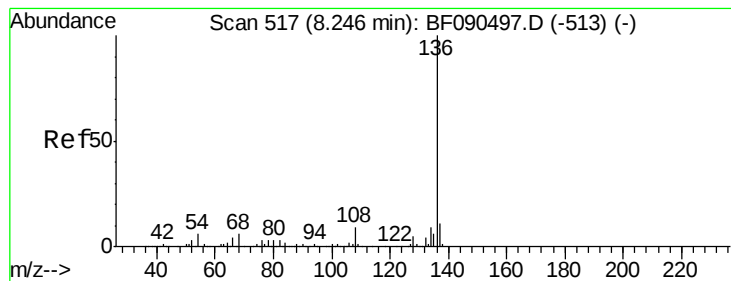


#20
3+4-Methylphenols
Concen: 58.43 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion: 107 Resp: 960976
Ion Ratio Lower Upper
107 100
108 88.7 66.7 106.7
77 100.7 53.7 93.7#
79 26.9 8.4 48.4

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

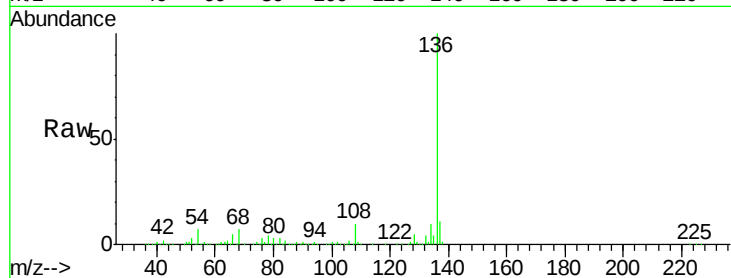




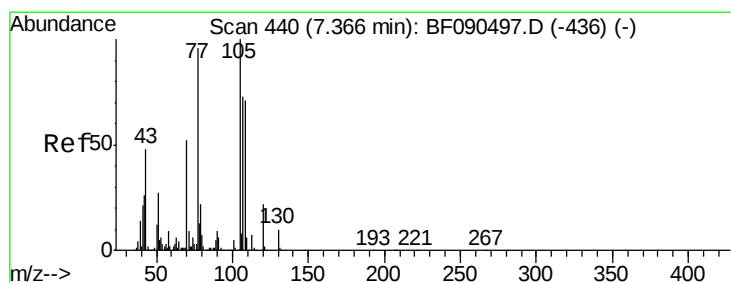
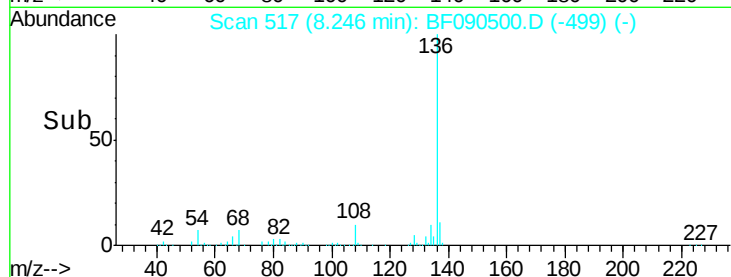
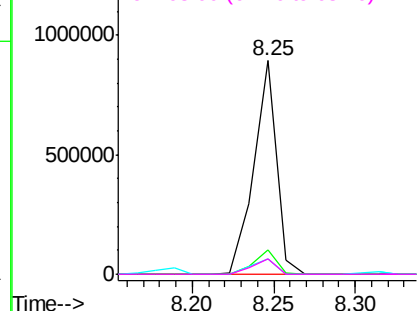
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	859490
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.6
54	7.5	6.6 10.0
68	7.0	5.0 7.6

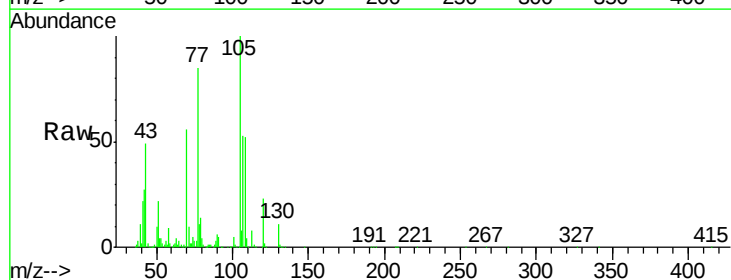


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

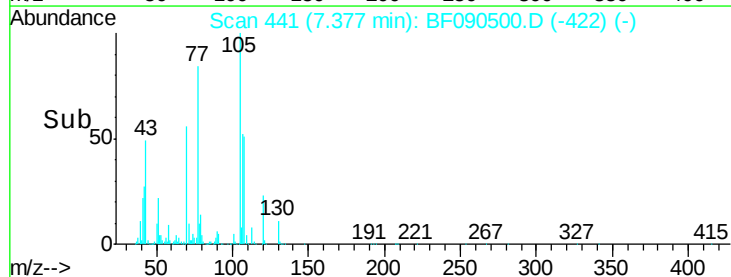
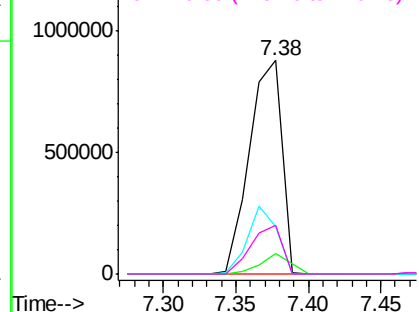


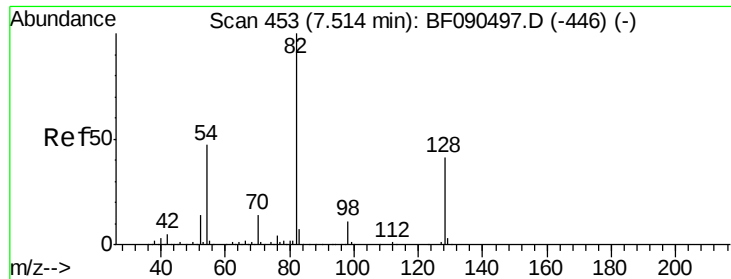
#22
Acetophenone
Concen: 66.98 ng
RT: 7.38 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion:105	Resp:	1363565
Ion Ratio	Lower	Upper
105	100	
71	9.5	3.8 5.6#
51	22.4	28.2 42.4#
120	22.9	17.4 26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

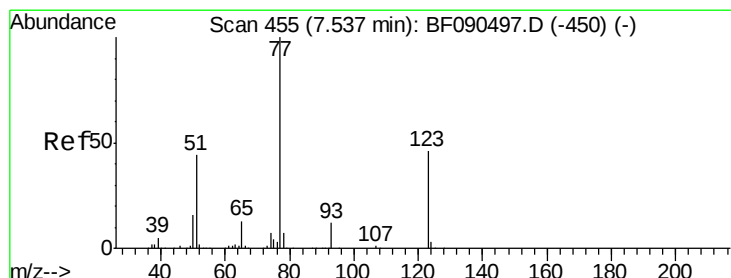
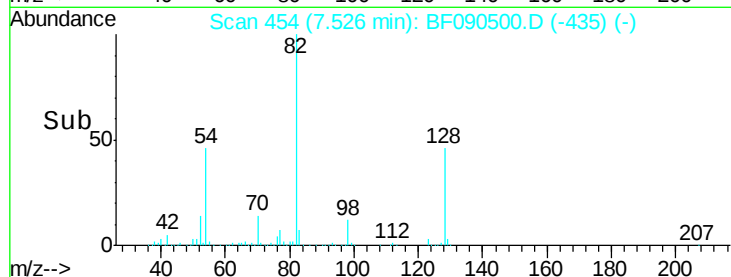
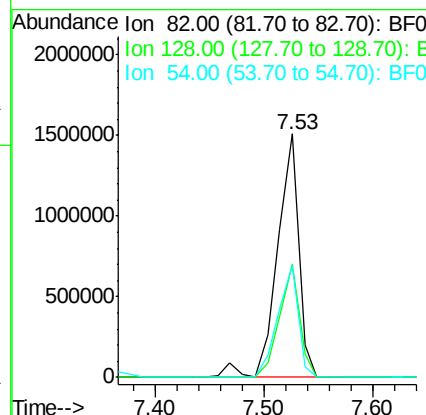
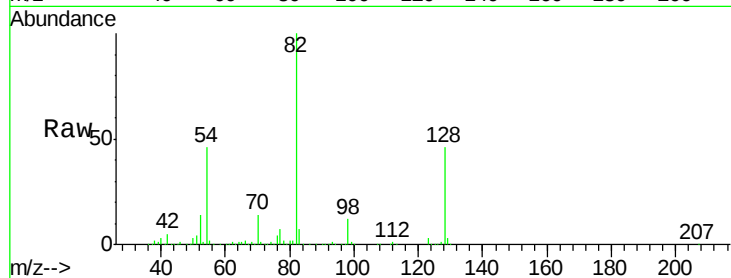




#23
 Nitrobenzene-d5
 Concen: 117.16 ng
 RT: 7.53 min Scan# 454
 Delta R.T. 0.01 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

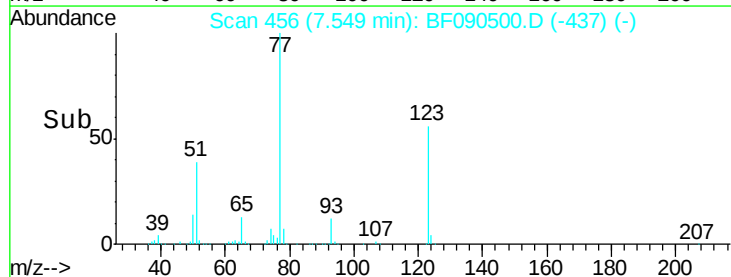
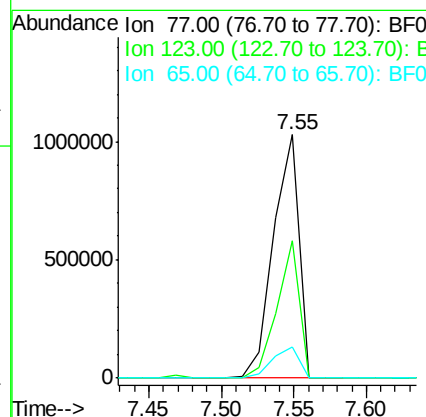
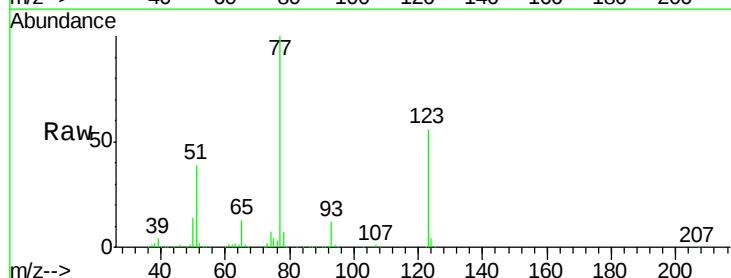
Instrument :
 BNA_F
 ClientSampleId :

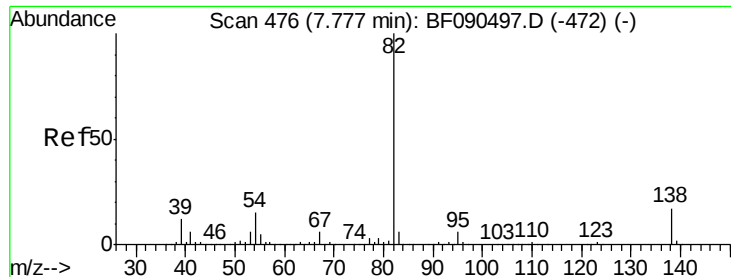
Tot Ion: 82 Resp: 2070060
 Ion Ratio Lower Upper
 82 100
 128 46.4 40.0 60.0
 54 45.8 42.6 64.0



#24
 Nitrobenzene
 Concen: 71.47 ng
 RT: 7.55 min Scan# 456
 Delta R.T. 0.01 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

Tgt Ion: 77 Resp: 1253693
 Ion Ratio Lower Upper
 77 100
 123 56.2 33.0 49.4#
 65 12.7 12.0 18.0





#25

Isophorone

Concen: 63.48 ng

RT: 7.79 min Scan# 477

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

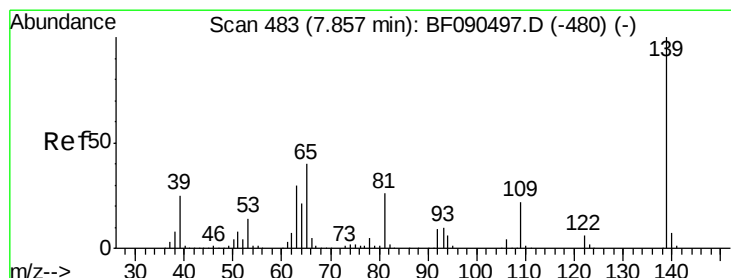
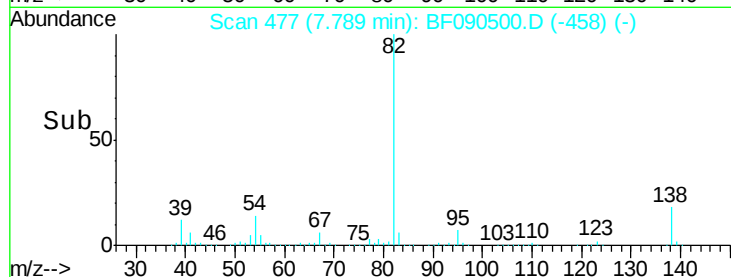
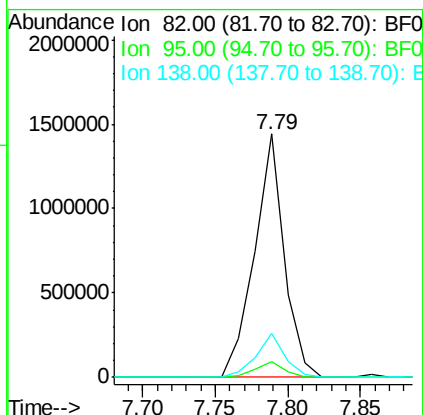
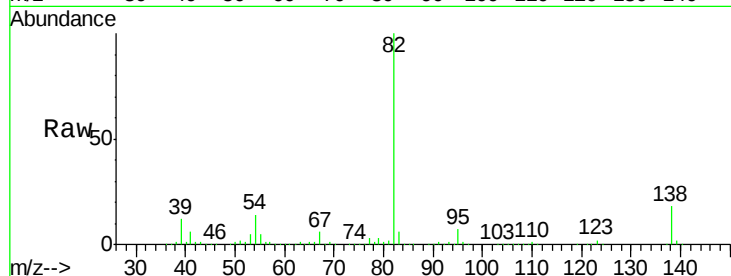
Tot Ion: 82 Resp: 2050582

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 18.2 13.0 19.4



#26

2-Nitrophenol

Concen: 74.01 ng

RT: 7.86 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

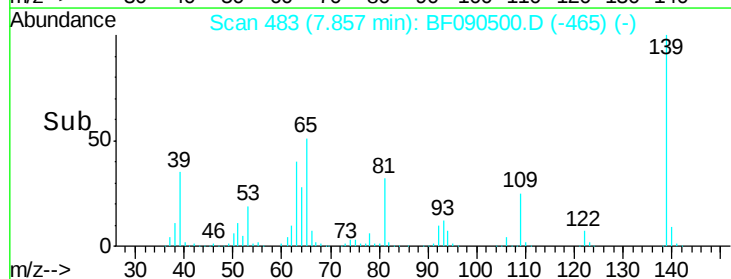
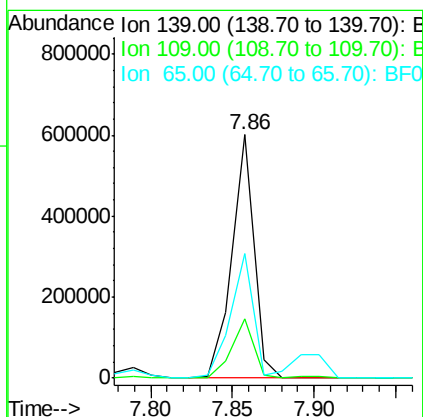
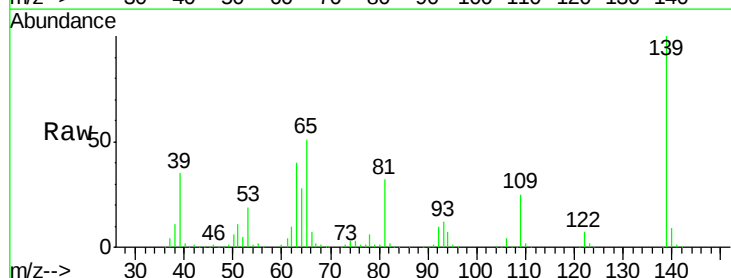
Tgt Ion: 139 Resp: 558758

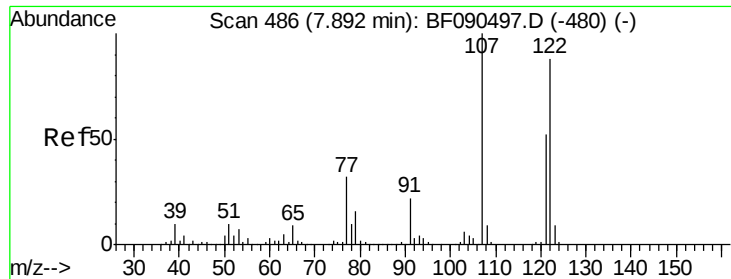
Ion Ratio Lower Upper

139 100

109 24.6 18.9 28.3

65 50.9 31.6 47.4#





#27

2,4-Dimethylphenol

Concen: 70.13 ng

RT: 7.90 min Scan# 487

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

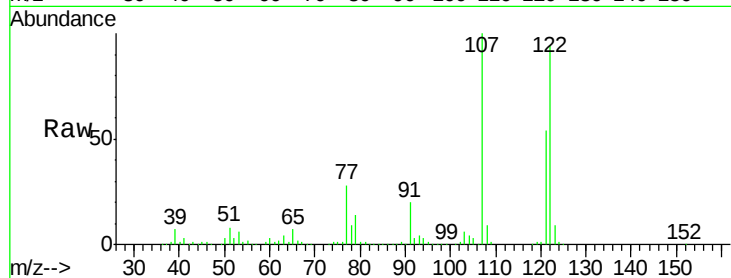
Tot Ion:122 Resp: 1029783

Ion Ratio Lower Upper

122 100

107 106.4 88.6 132.8

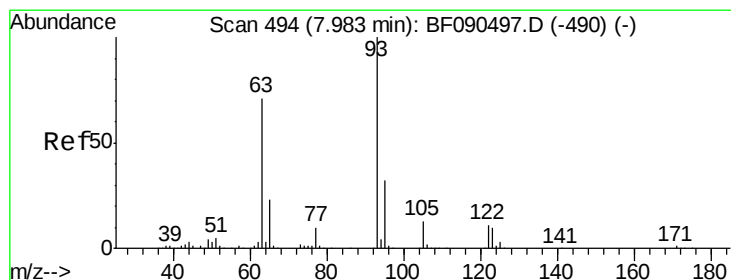
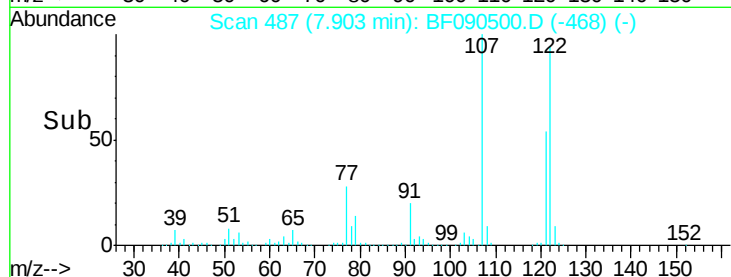
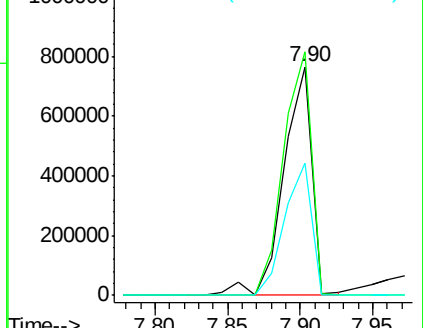
121 57.9 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 65.96 ng

RT: 7.99 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

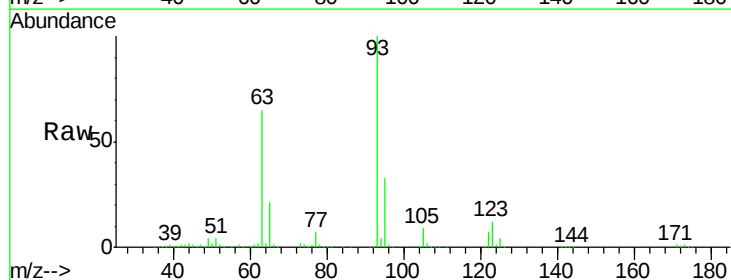
Tgt Ion: 93 Resp: 1260148

Ion Ratio Lower Upper

93 100

95 33.3 27.0 40.4

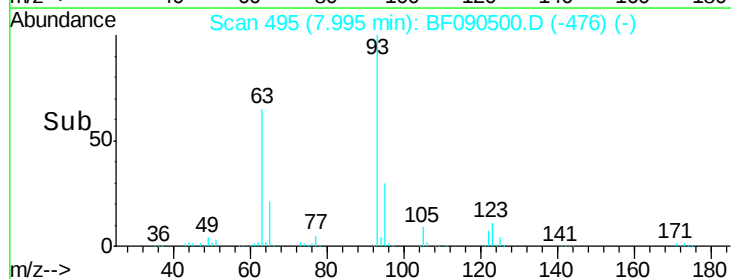
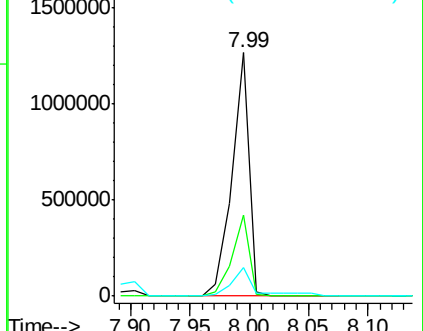
123 12.0 11.1 16.7

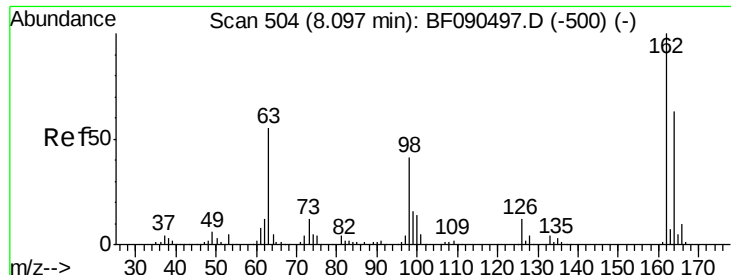


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

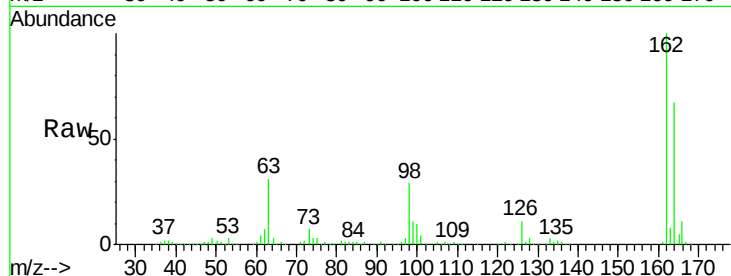




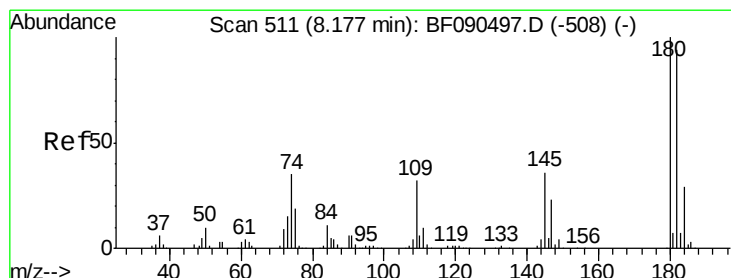
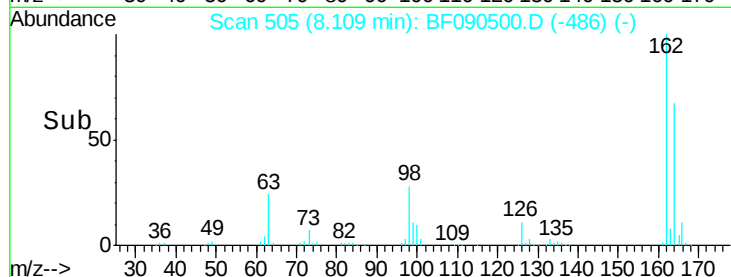
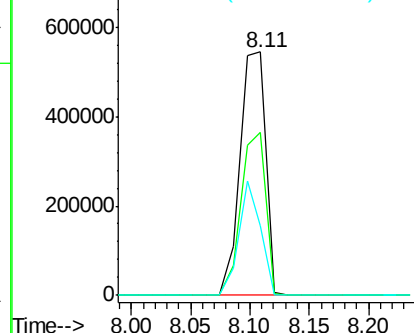
#29
 2,4-Dichlorophenol
 Concen: 73.73 ng
 RT: 8.11 min Scan# 505
 Delta R.T. 0.01 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 823105
 Ion Ratio Lower Upper
 162 100
 164 67.2 45.7 85.7
 98 28.6 13.3 53.3

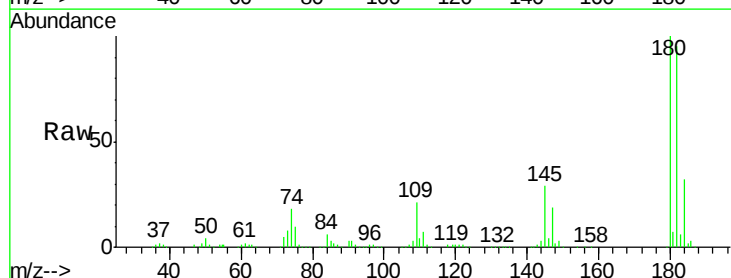


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

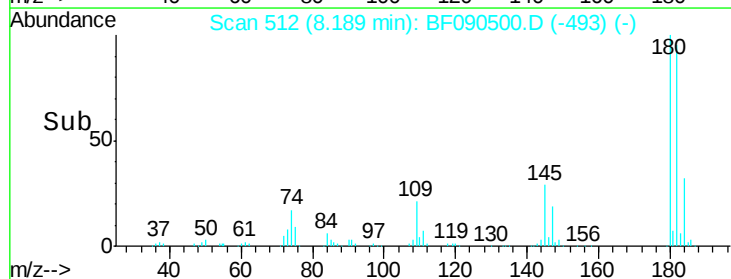
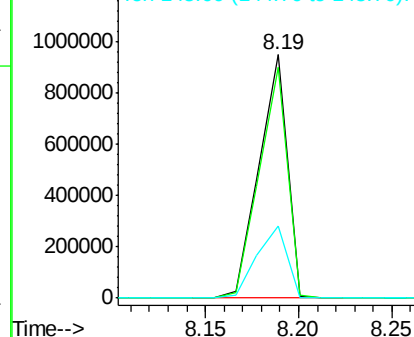


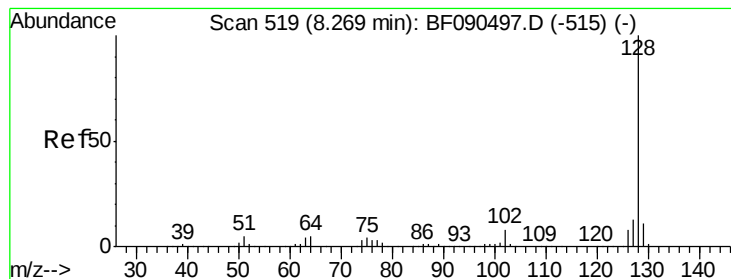
#30
 1,2,4-Trichlorobenzene
 Concen: 86.07 ng
 RT: 8.19 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

Tgt Ion:180 Resp: 990208
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.3 112.9
 145 29.4 27.7 41.5



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





#31

Naphthalene

Concen: 69.04 ng

RT: 8.27 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

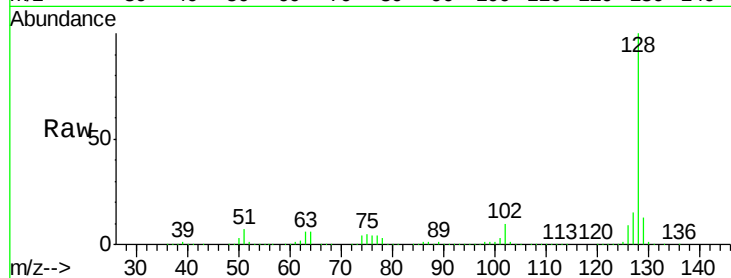
Tot Ion:128 Resp: 2862775

Ion Ratio Lower Upper

128 100

129 12.5 9.7 14.5

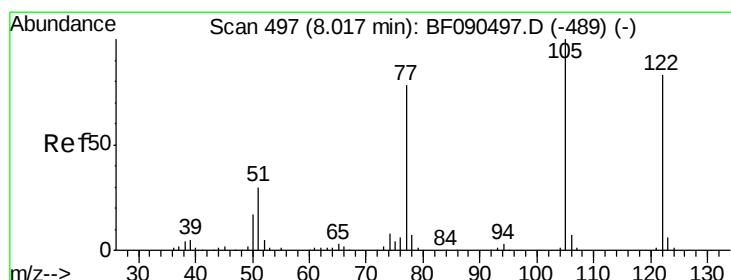
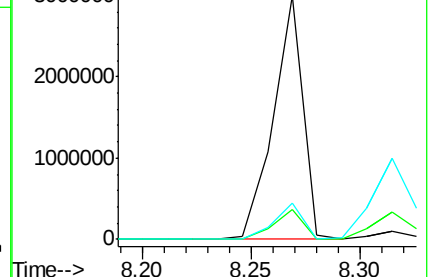
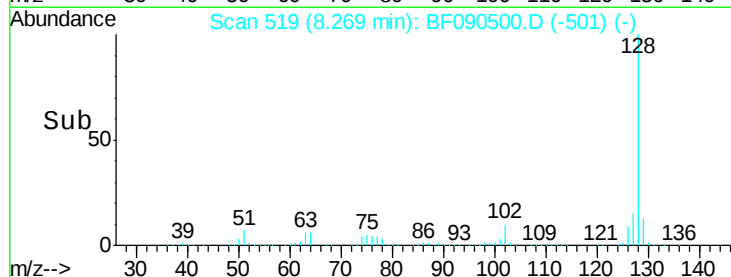
127 14.8 11.7 17.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 79.61 ng

RT: 8.05 min Scan# 500

Delta R.T. 0.03 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

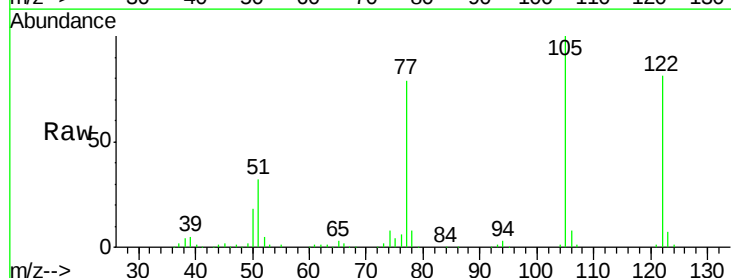
Tgt Ion:122 Resp: 812628

Ion Ratio Lower Upper

122 100

105 123.0 103.9 143.9

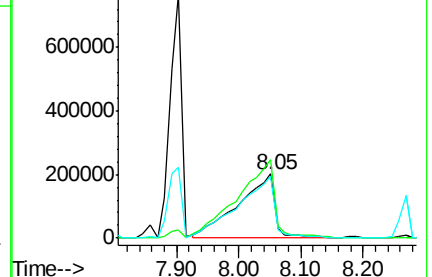
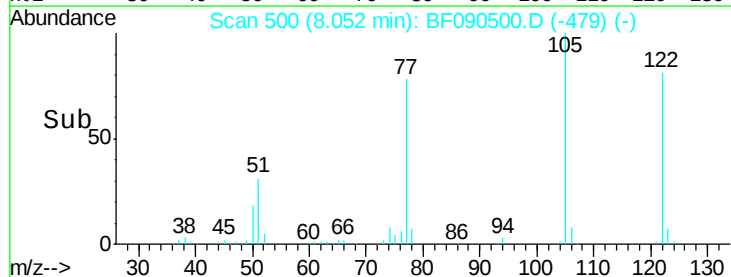
77 97.4 74.6 114.6

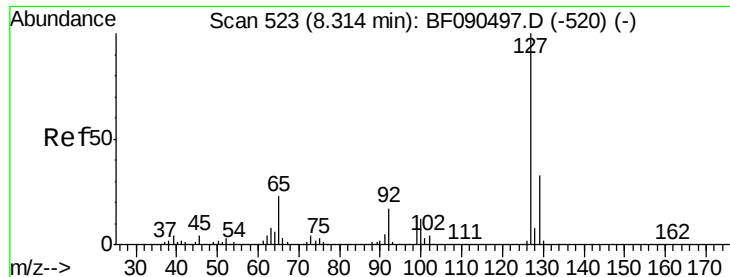


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

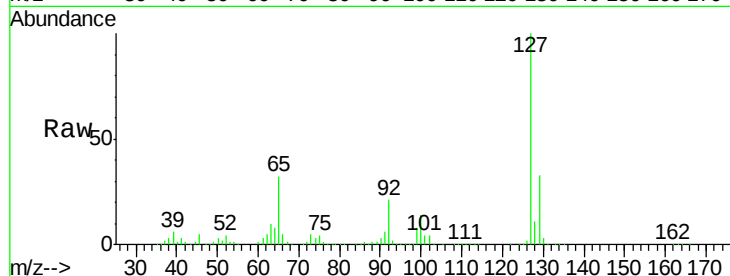




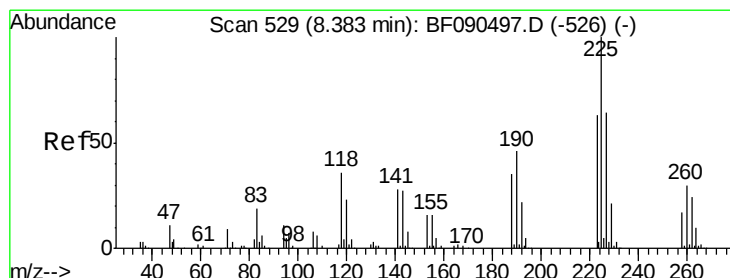
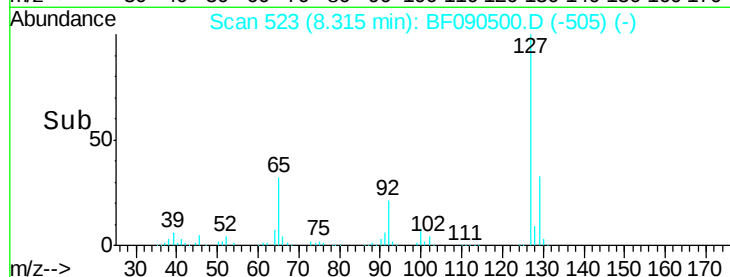
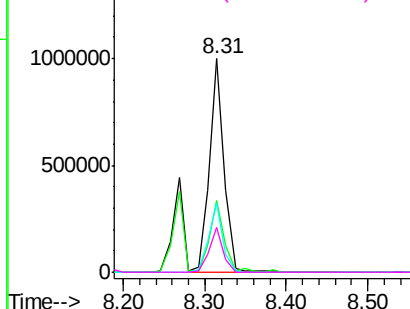
#33
4-Chloroaniline
Concen: 73.29 ng
RT: 8.31 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	1256055
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.2	39.4
65	32.2	32.5	48.7#
92	20.7	17.2	25.8

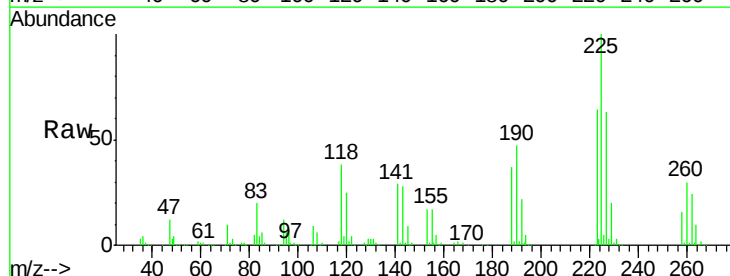


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

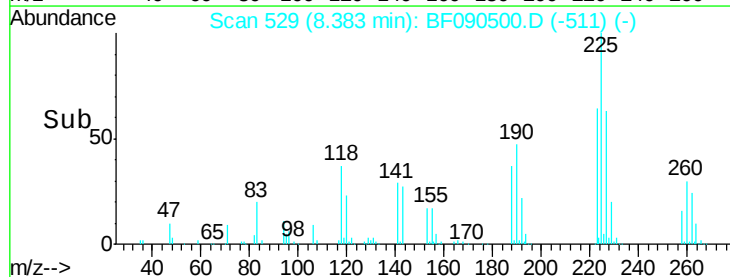
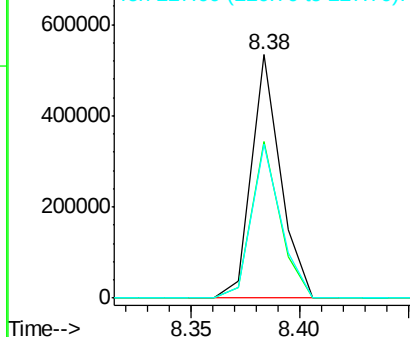


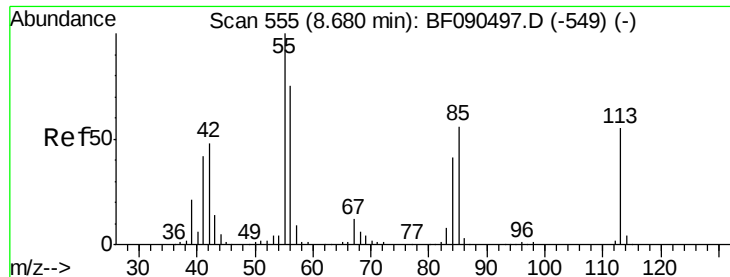
#34
Hexachlorobutadiene
Concen: 76.93 ng
RT: 8.38 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion:	225	Resp:	494513
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.0	76.4
227	63.4	50.8	76.2



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





#35

Caprolactam

Concen: 71.69 ng

RT: 8.70 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

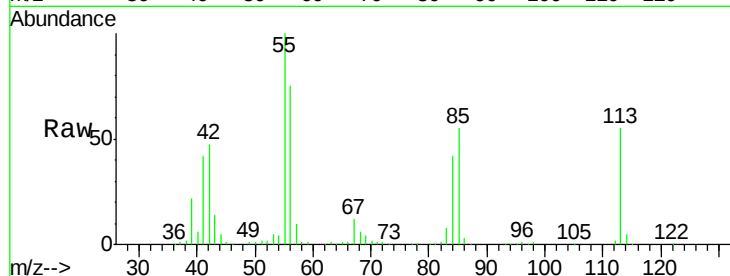
Tot Ion:113 Resp: 269059

Ion Ratio Lower Upper

113 100

55 180.9 203.3 243.3#

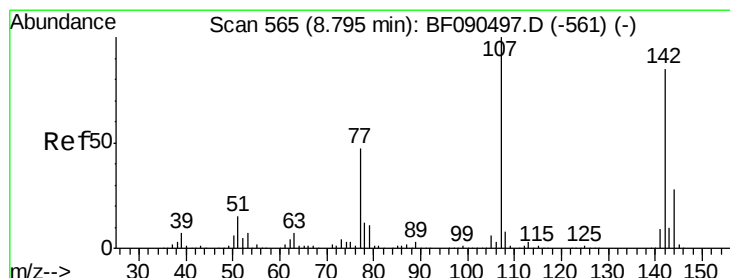
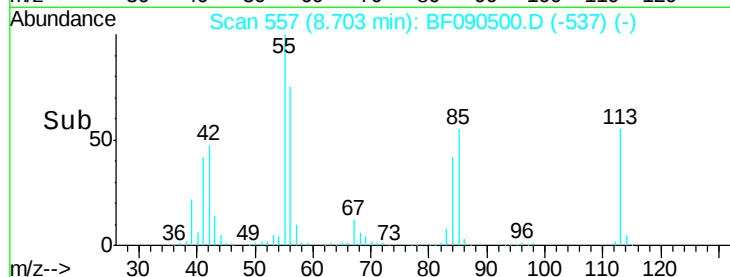
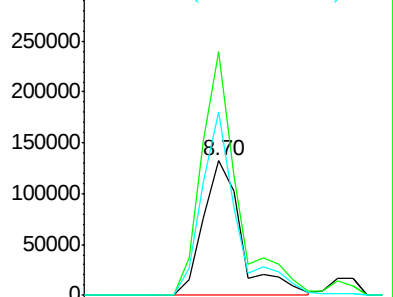
56 135.9 140.5 180.5#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 66.42 ng

RT: 8.81 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

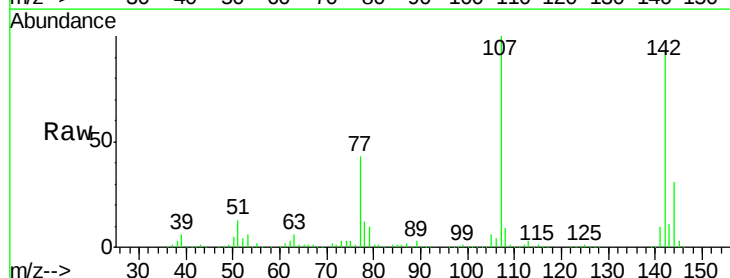
Tgt Ion:107 Resp: 928440

Ion Ratio Lower Upper

107 100

144 30.7 19.8 29.8#

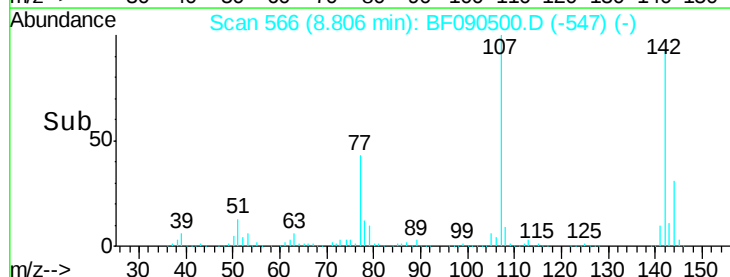
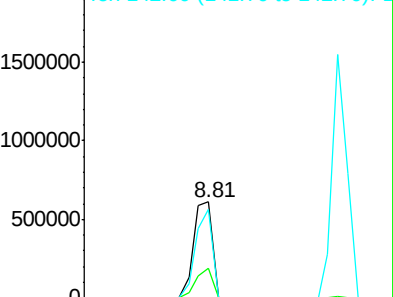
142 92.9 60.7 91.1#

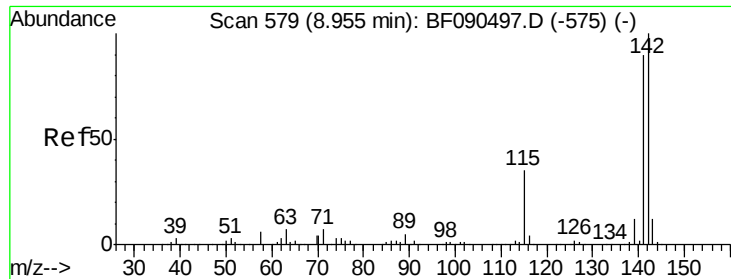


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

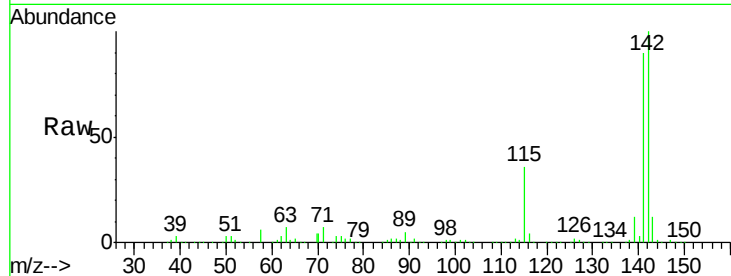




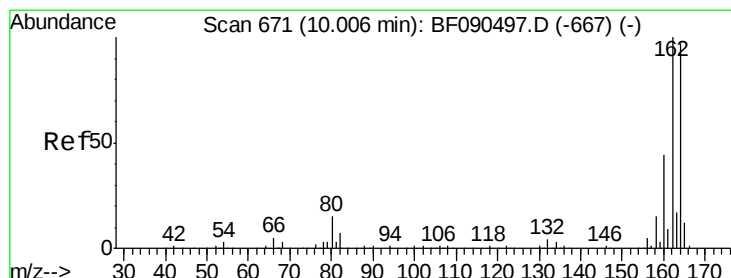
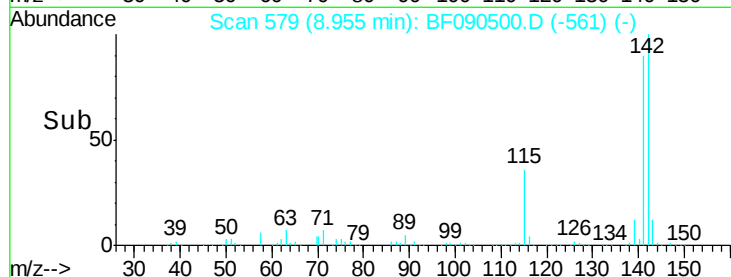
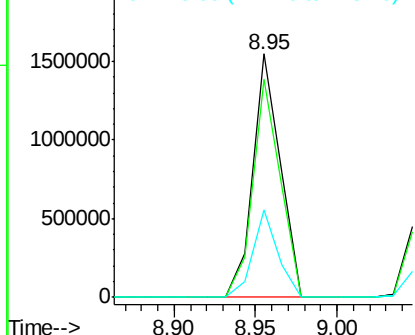
#37
 2-Methylnaphthalene
 Concen: 71.80 ng
 RT: 8.95 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 1802091
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.8 107.8
 115 35.8 28.8 43.2

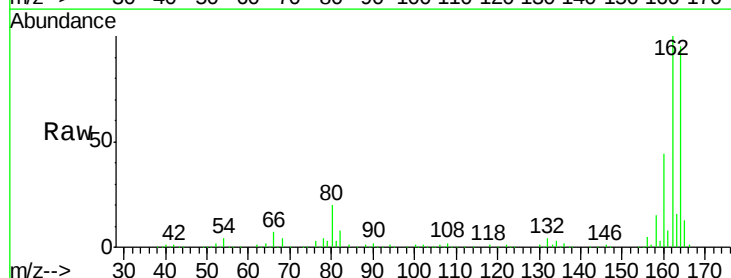


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

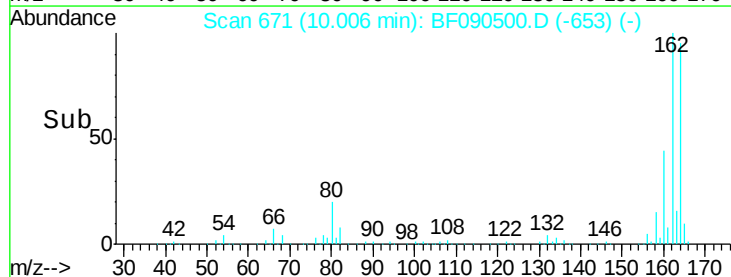
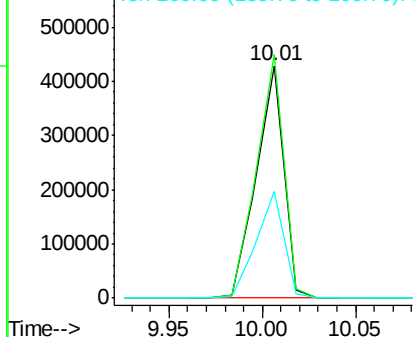


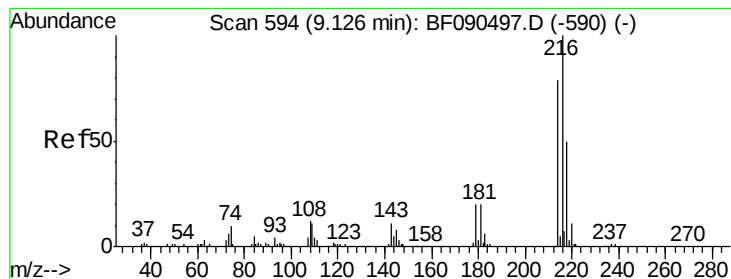
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

Tgt Ion:164 Resp: 435051
 Ion Ratio Lower Upper
 164 100
 162 104.8 80.1 120.1
 160 46.0 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 79.43 ng

RT: 9.13 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF090500.D

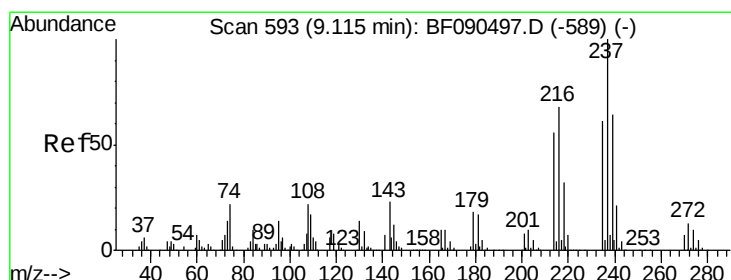
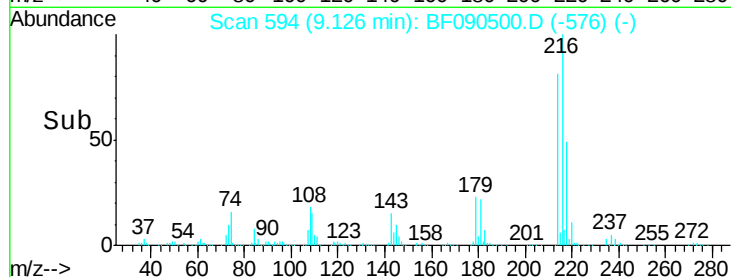
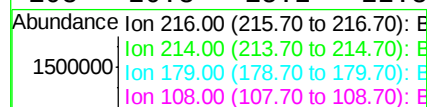
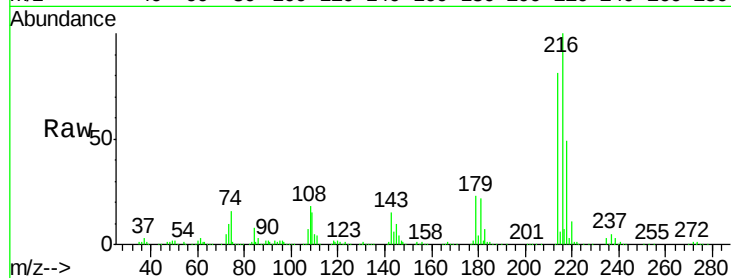
Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	911107
Ion	Ratio	Lower	Upper
216	100		
214	80.4	64.2	96.2
179	23.4	18.0	27.0
108	20.3	15.2	22.8



#40

Hexachlorocyclopentadiene

Concen: 74.28 ng

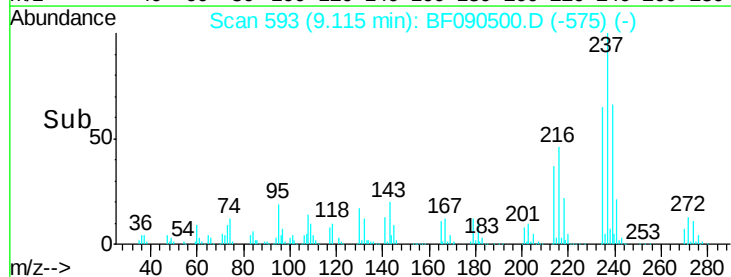
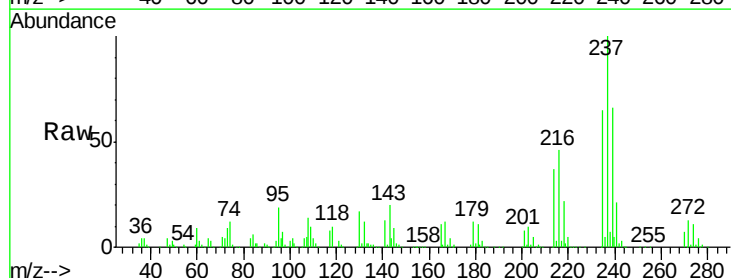
RT: 9.11 min Scan# 593

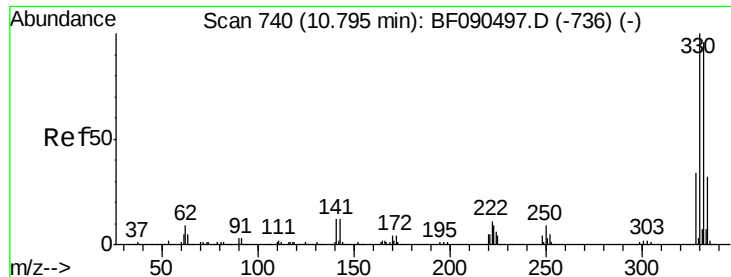
Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Tgt Ion:	237	Resp:	467039
Ion	Ratio	Lower	Upper
237	100		
235	64.6	43.6	83.6
272	13.3	0.0	32.7

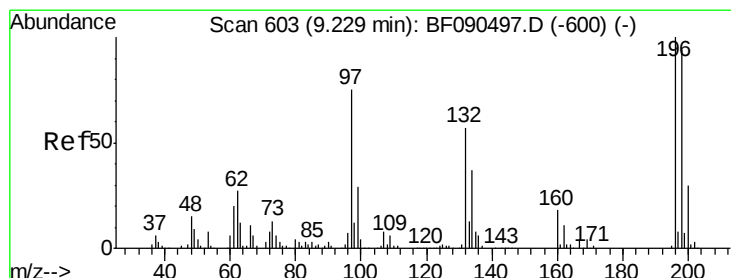
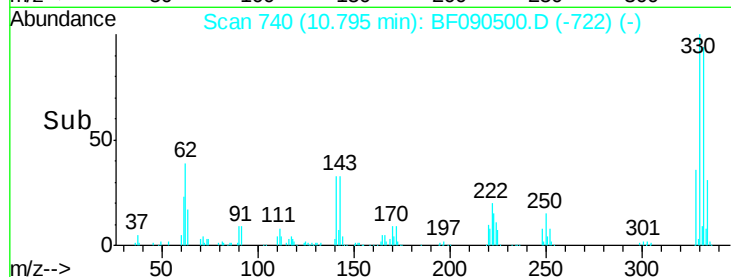
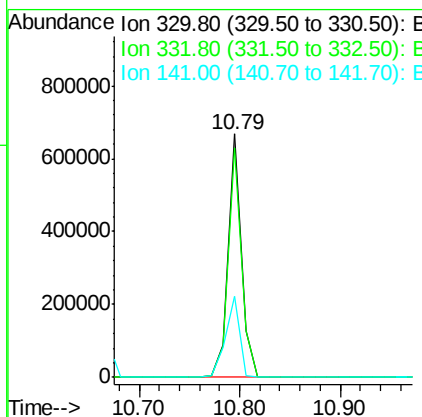
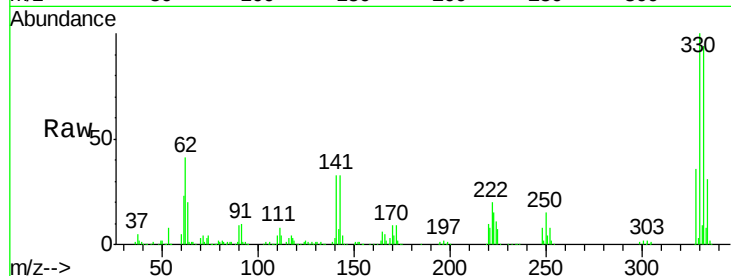




#41
 2,4,6-Tribromophenol
 Concen: 173.21 ng
 RT: 10.79 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

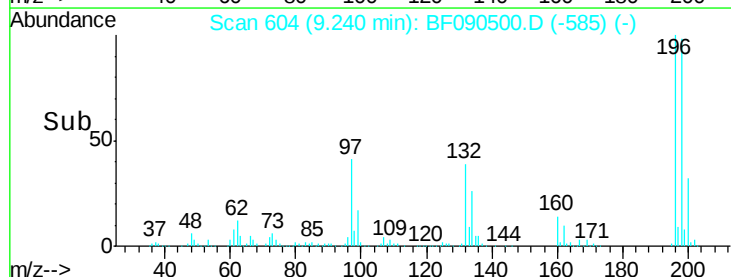
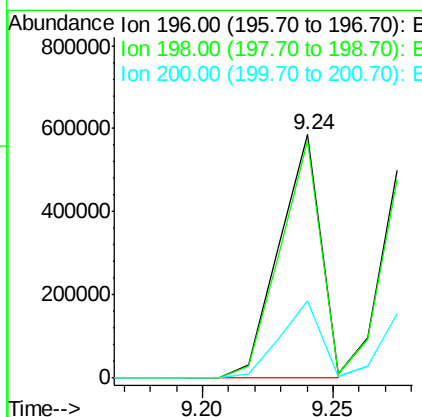
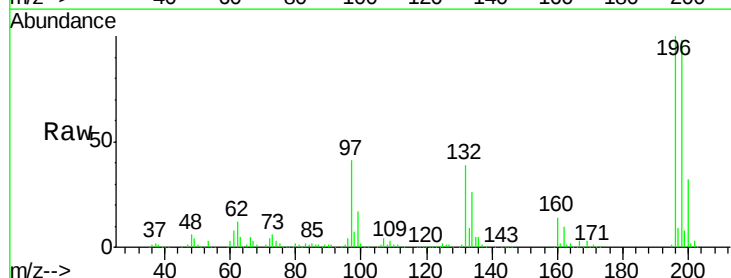
Instrument :
 BNA_F
 ClientSampleId :

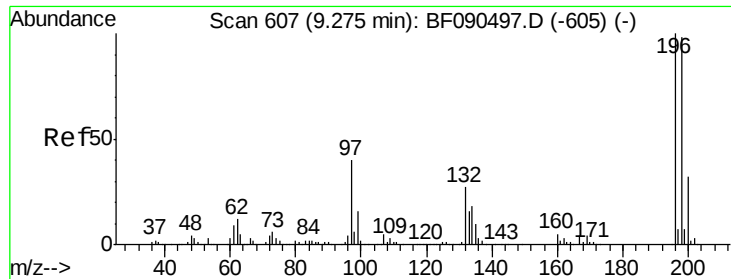
Tot Ion:330 Resp: 612733
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.4 113.0
 141 35.4 26.9 40.3



#42
 2,4,6-Trichlorophenol
 Concen: 81.56 ng
 RT: 9.24 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

Tgt Ion:196 Resp: 645555
 Ion Ratio Lower Upper
 196 100
 198 97.7 78.9 118.3
 200 32.0 25.4 38.2

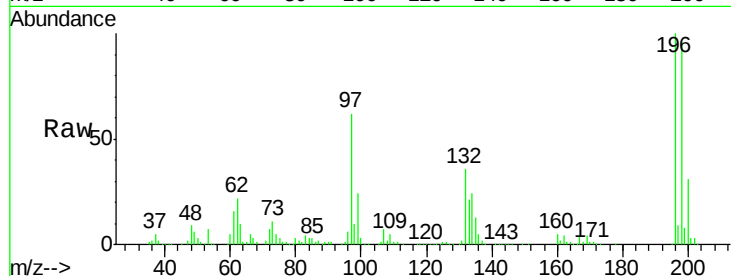




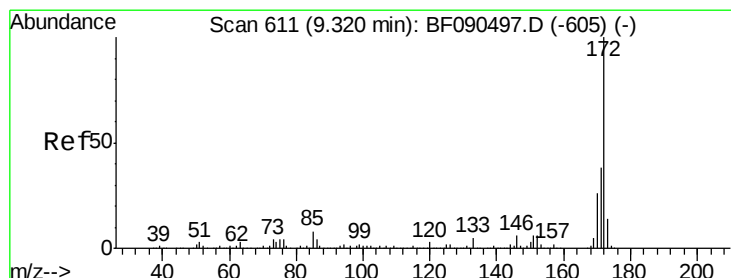
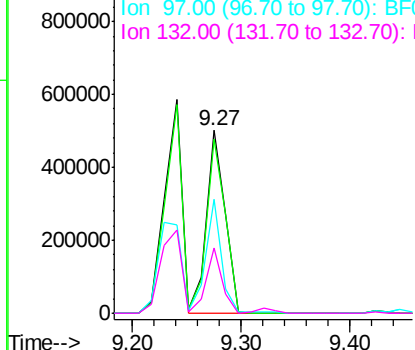
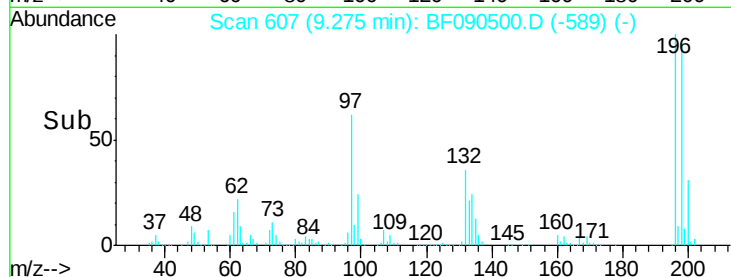
#43
 2,4,5-Trichlorophenol
 Concen: 80.26 ng
 RT: 9.27 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 600685
 Ion Ratio Lower Upper
 196 100
 198 95.5 78.1 117.1
 97 62.0 48.1 72.1
 132 35.7 27.4 41.2

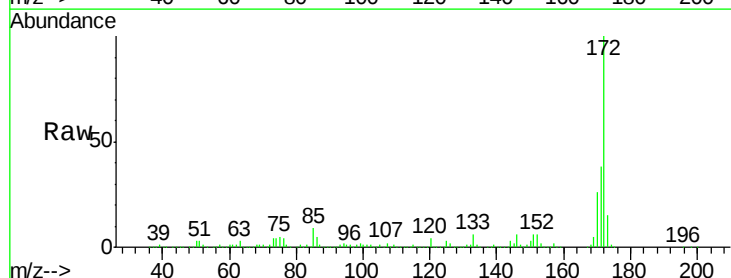


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

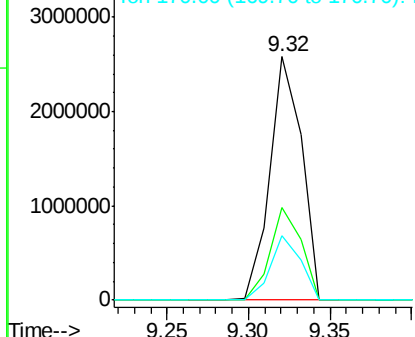
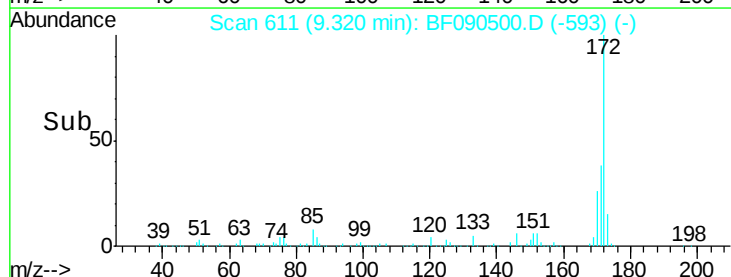


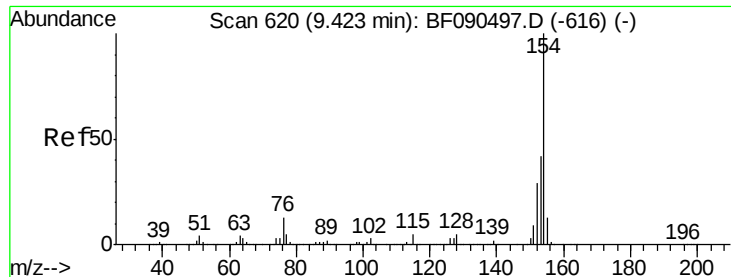
#44
 2-Fluorobiphenyl
 Concen: 134.49 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

Tgt Ion:172 Resp: 3511742
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.8 47.8
 170 26.3 21.7 32.5



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





#45

1,1'-Biphenyl

Concen: 64.98 ng

RT: 9.42 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

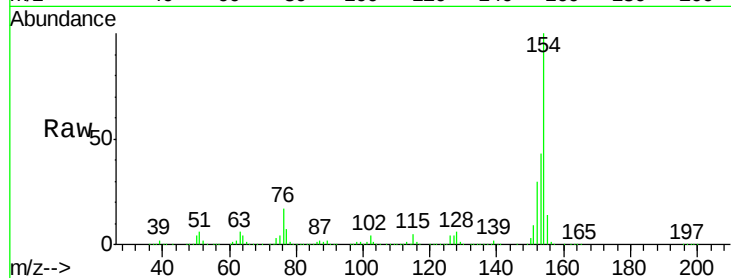
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 2094737

Ion	Ratio	Lower	Upper
154	100		
153	42.6	23.8	63.8
76	16.9	0.0	35.8

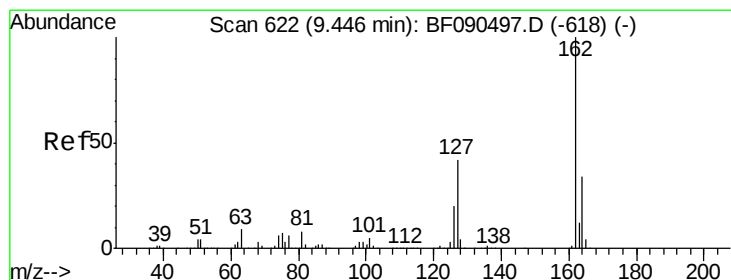
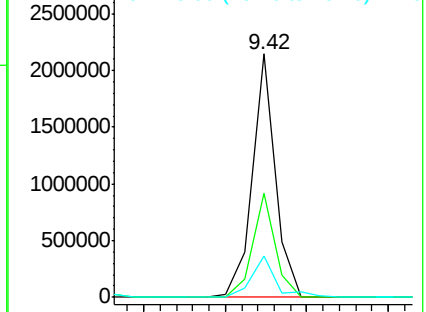
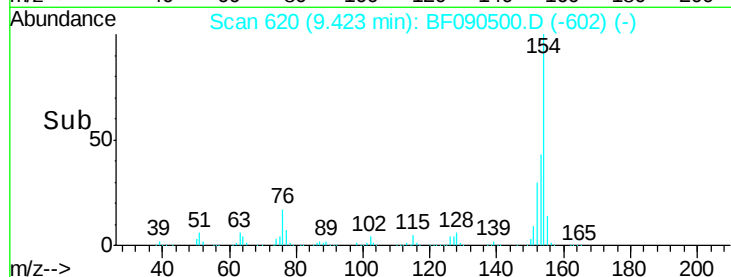


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 73.15 ng

RT: 9.45 min Scan# 622

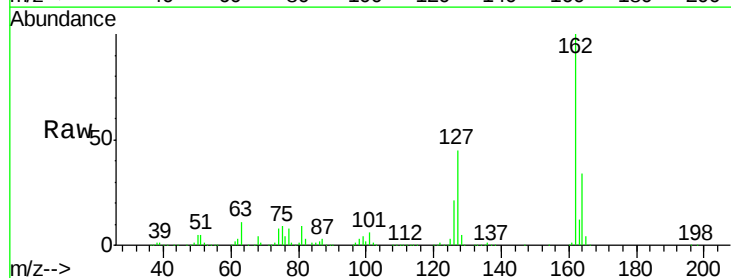
Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Tgt Ion:162 Resp: 1742499

Ion	Ratio	Lower	Upper
162	100		
127	45.4	35.6	53.4
164	34.0	27.5	41.3

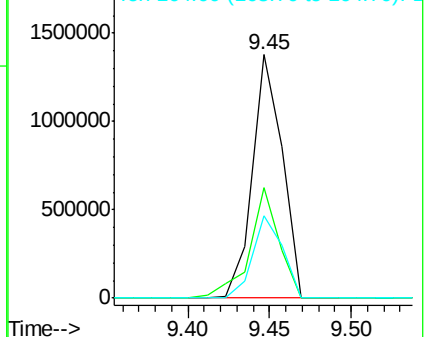
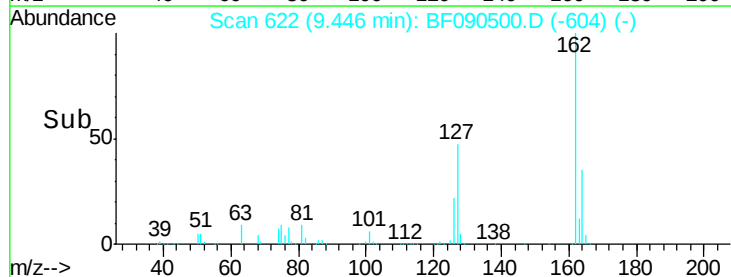


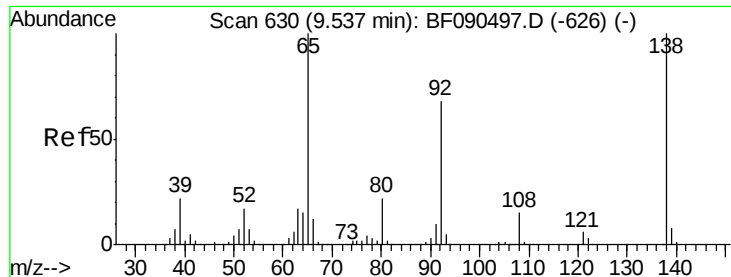
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

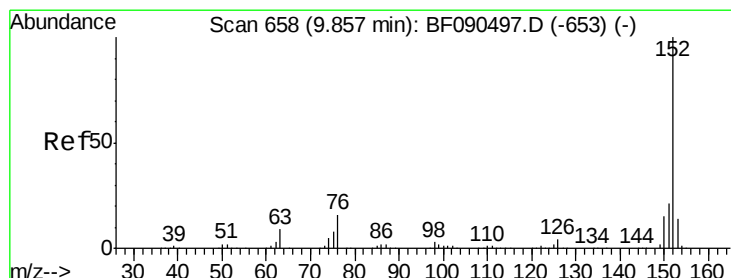
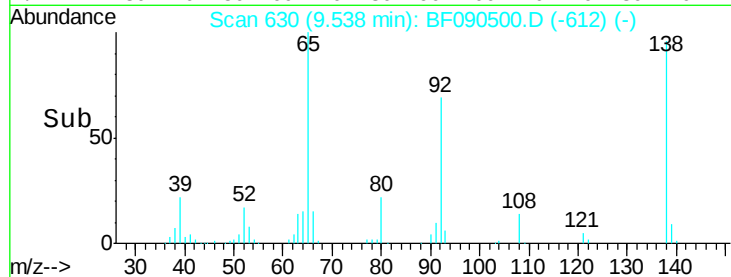
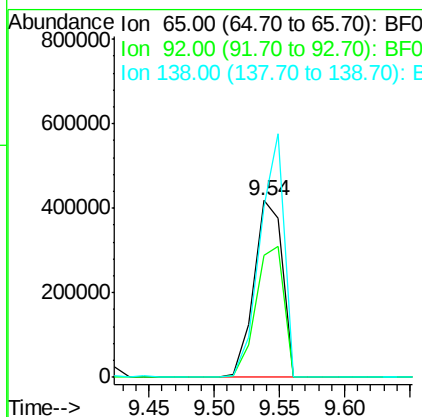
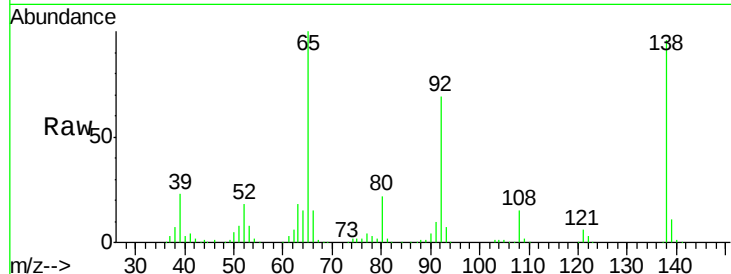




#47
2-Nitroaniline
Concen: 67.59 ng
RT: 9.54 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

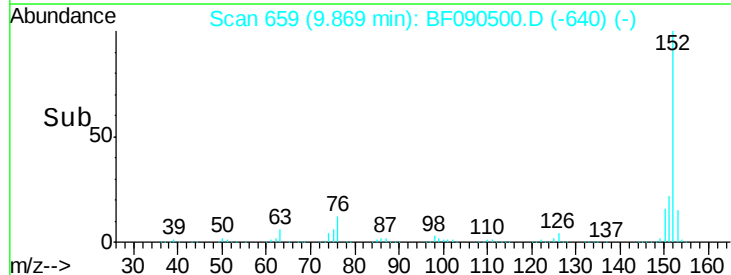
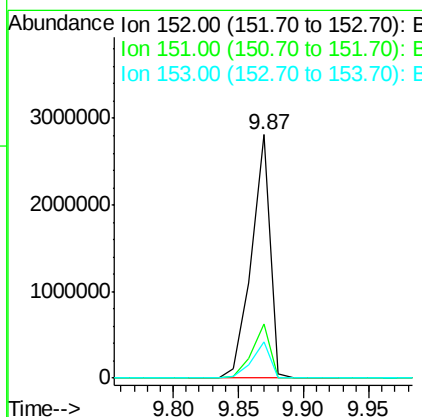
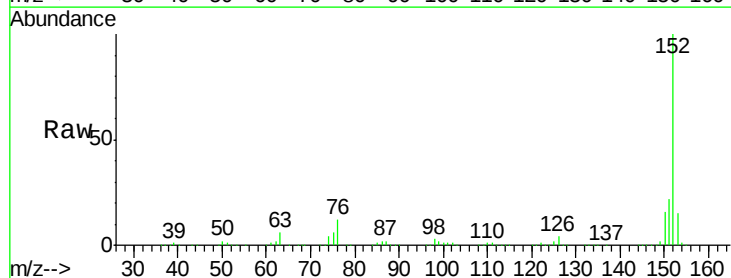
Instrument :
BNA_F
ClientSampleId :

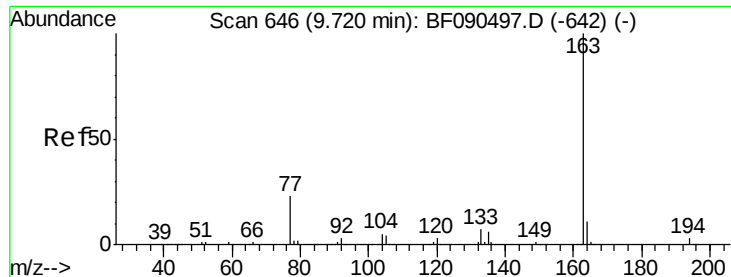
Tot Ion	Ratio	Lower	Upper
65	100		
92	69.1	51.7	77.5
138	96.4	79.0	118.4



#48
Acenaphthylene
Concen: 71.30 ng
RT: 9.87 min Scan# 659
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.4	26.0
153	14.9	11.6	17.4

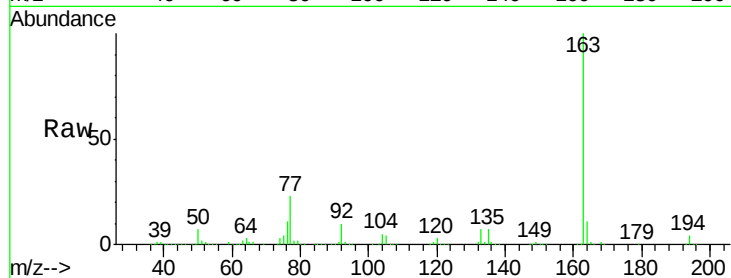




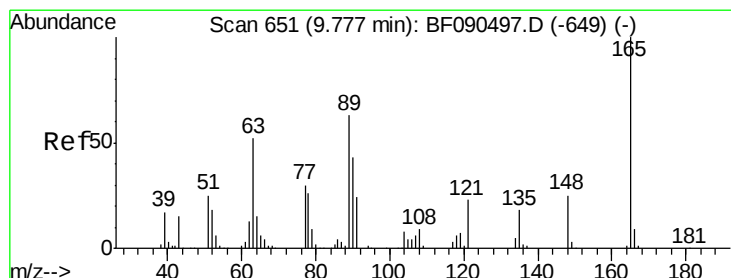
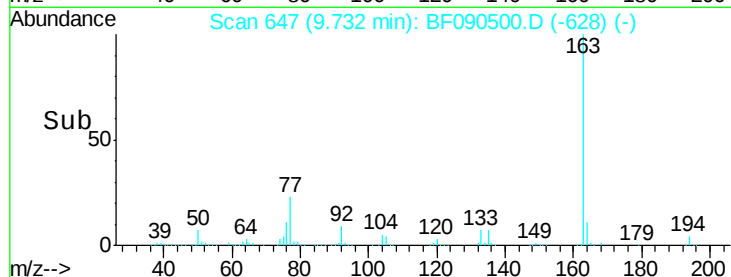
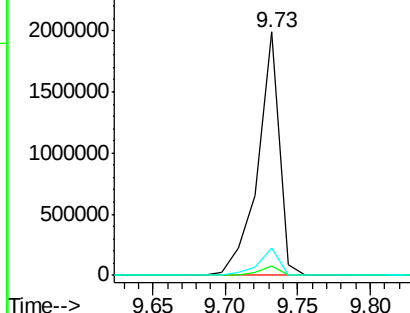
#49
Dimethylphthalate
Concen: 73.17 ng
RT: 9.73 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 2038706
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 11.2 9.0 13.4

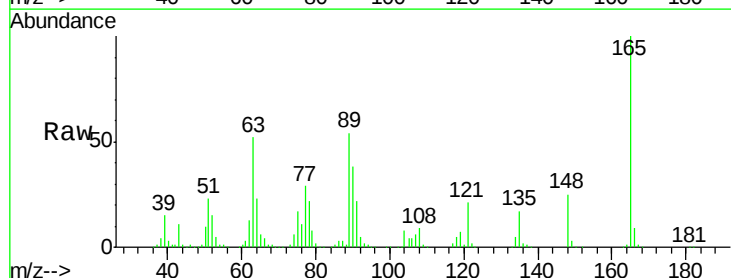


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

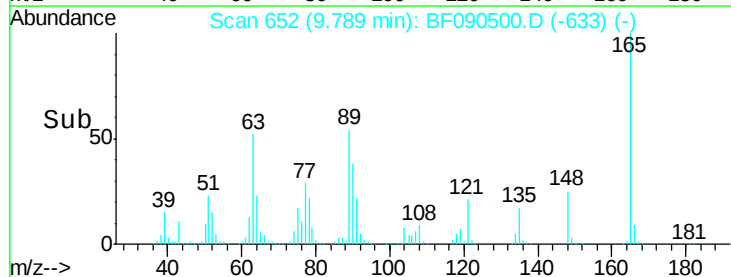
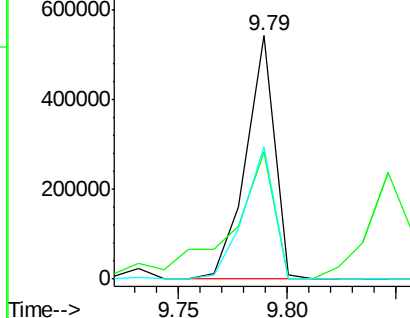


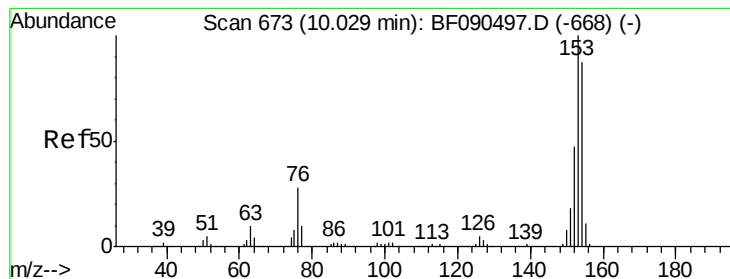
#50
2,6-Dinitrotoluene
Concen: 80.47 ng
RT: 9.79 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion:165 Resp: 497756
Ion Ratio Lower Upper
165 100
63 52.0 58.0 87.0#
89 54.1 51.2 76.8



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





#51

Acenaphthene

Concen: 76.38 ng

RT: 10.04 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

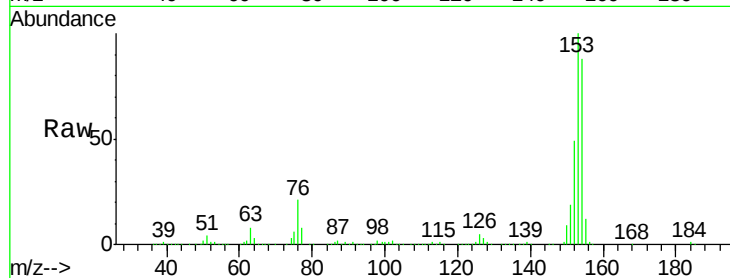
Tot Ion:154 Resp: 1871779

Ion Ratio Lower Upper

154 100

153 113.4 88.6 133.0

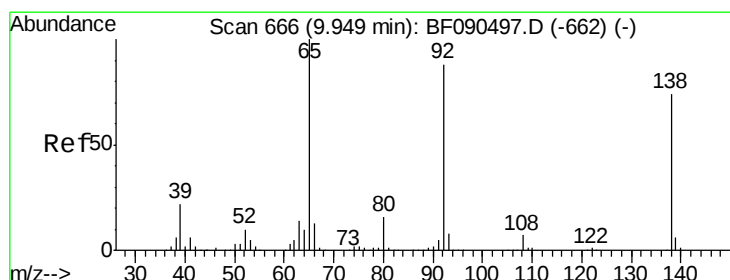
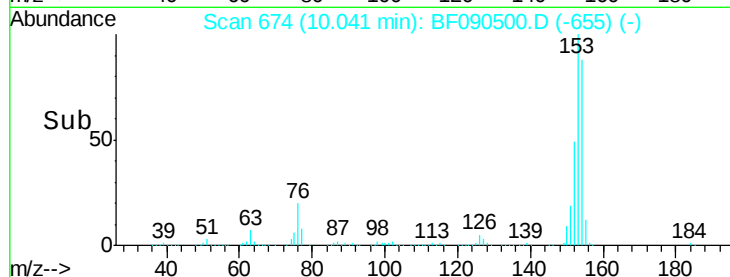
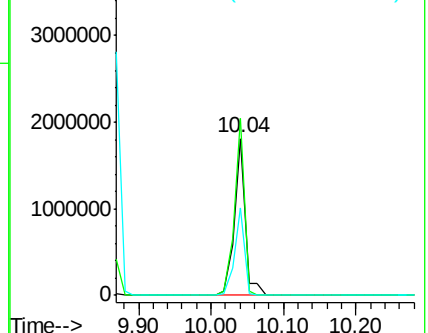
152 56.1 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 82.73 ng

RT: 9.96 min Scan# 667

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

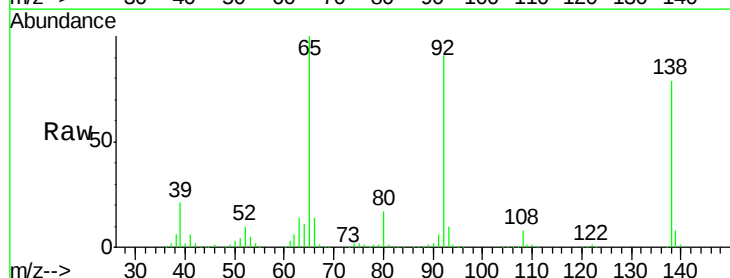
Tgt Ion:138 Resp: 597795

Ion Ratio Lower Upper

138 100

108 10.3 9.7 14.5

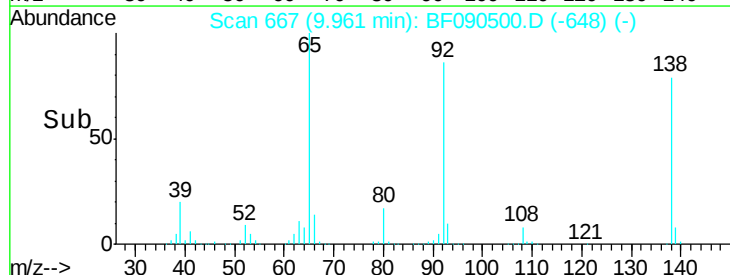
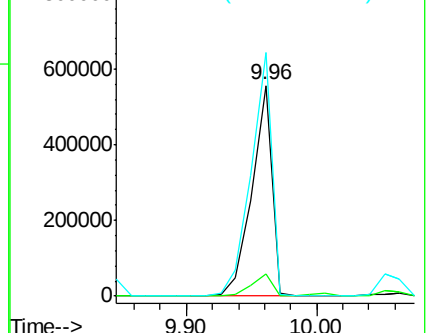
92 115.4 97.1 145.7

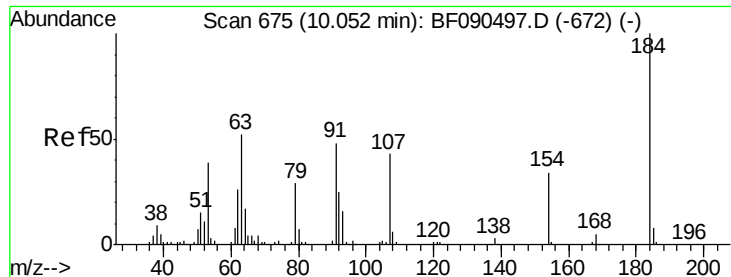


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

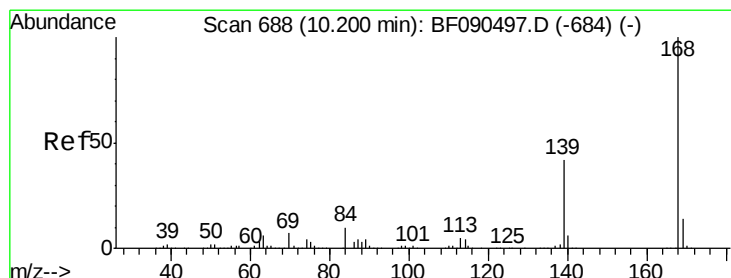
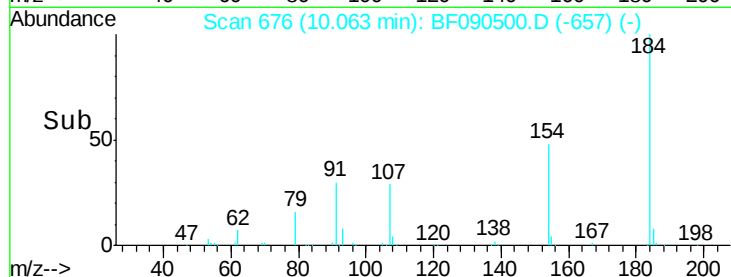
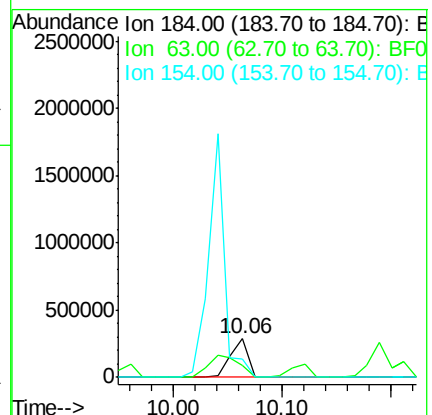
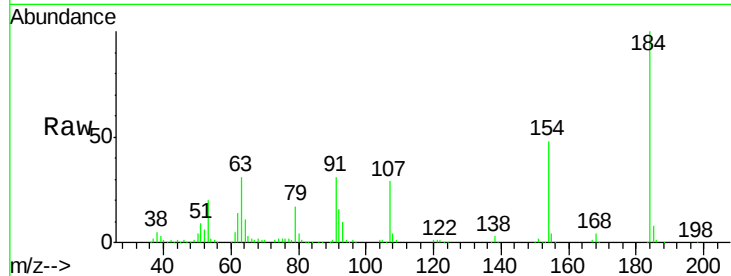




#53
 2,4-Dinitrophenol
 Concen: 117.53 ng
 RT: 10.06 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

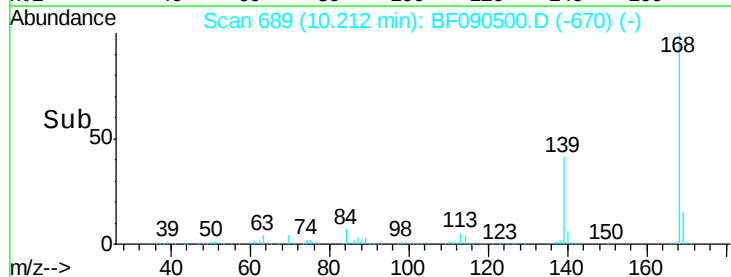
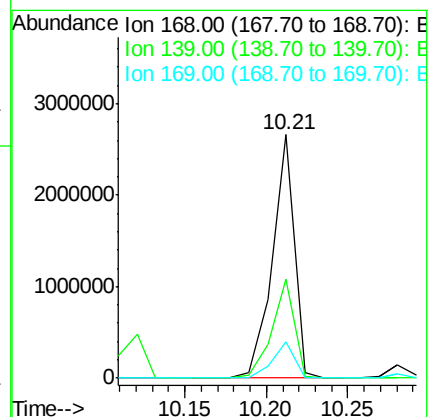
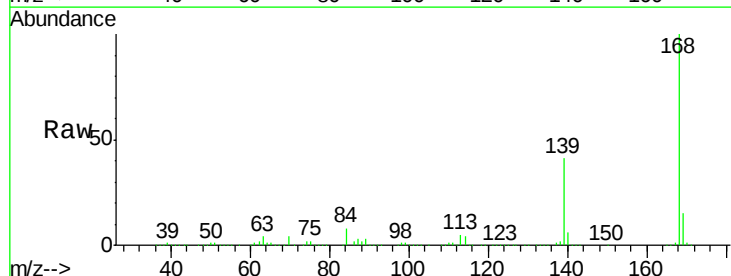
Instrument :
 BNA_F
 ClientSampled :

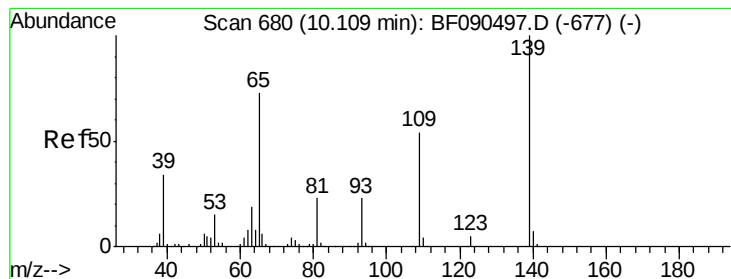
Tot Ion:184 Resp: 324146
 Ion Ratio Lower Upper
 184 100
 63 30.7 41.9 62.9#
 154 48.0 48.9 73.3#



#54
 Dibenzofuran
 Concen: 78.71 ng
 RT: 10.21 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

Tgt Ion:168 Resp: 2496631
 Ion Ratio Lower Upper
 168 100
 139 40.6 29.6 44.4
 169 14.8 11.3 16.9





#55

4-Nitrophenol

Concen: 84.94 ng

RT: 10.12 min Scan# 681

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampled :

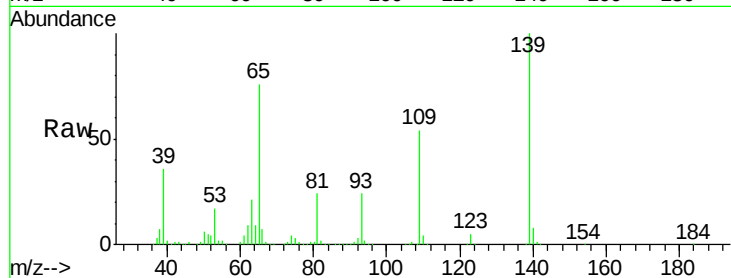
Tot Ion:139 Resp: 537037

Ion Ratio Lower Upper

139 100

109 54.0 43.6 83.6

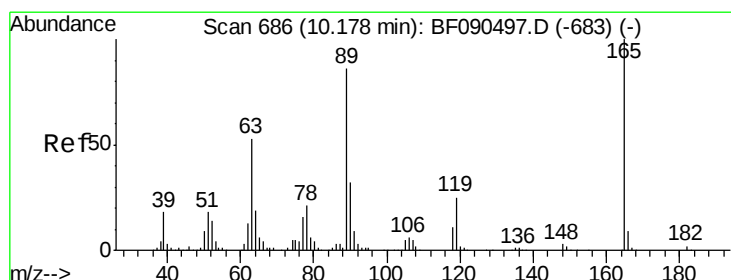
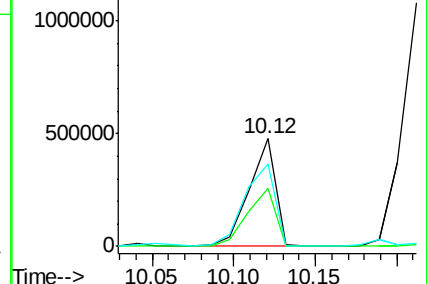
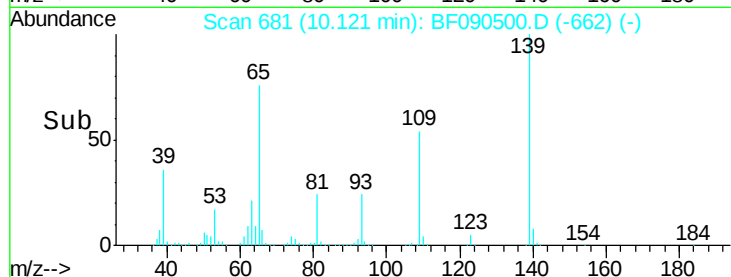
65 76.2 87.5 127.5#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 72.50 ng

RT: 10.19 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Tgt Ion:165 Resp: 596875

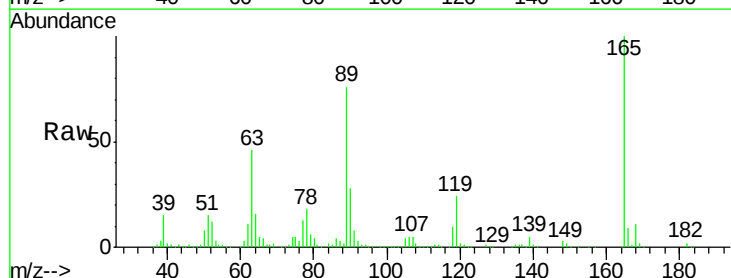
Ion Ratio Lower Upper

165 100

63 46.0 17.8 26.6#

89 76.2 33.2 49.8#

182 2.2 2.1 3.1

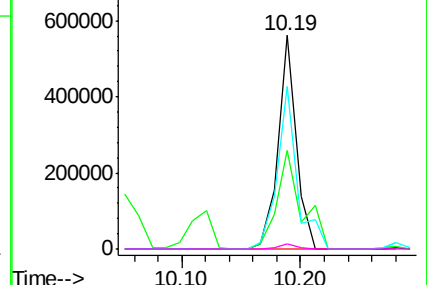
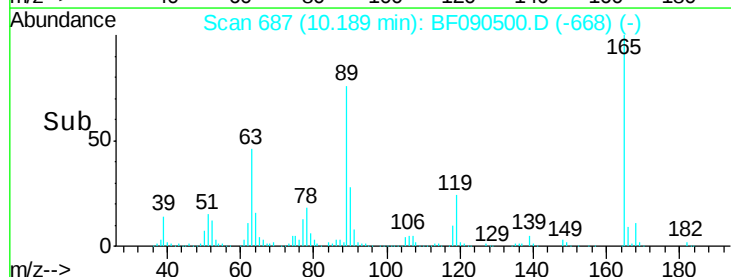


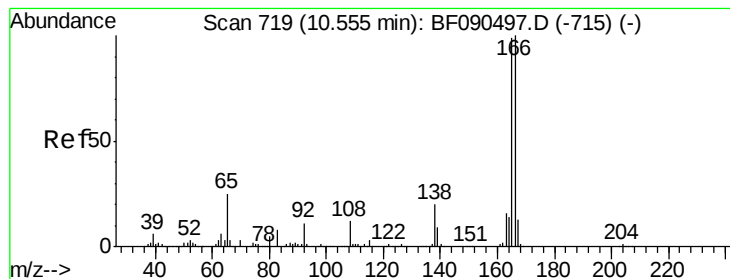
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 72.98 ng

RT: 10.55 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

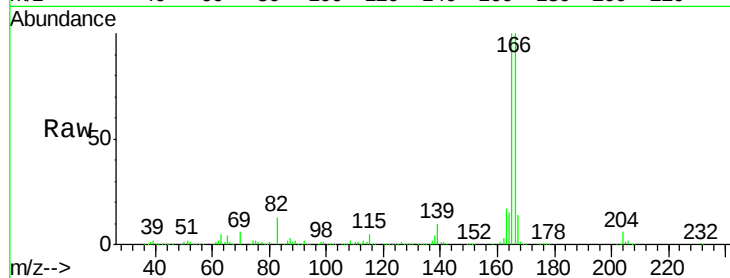
Tot Ion:166 Resp: 1945386

Ion Ratio Lower Upper

166 100

165 99.9 79.2 118.8

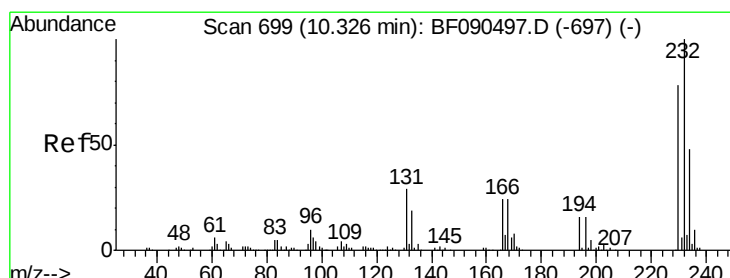
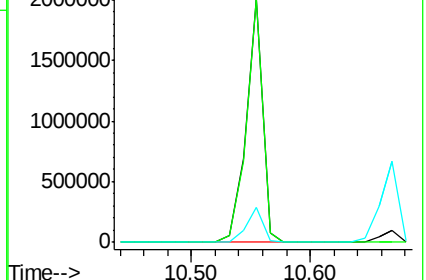
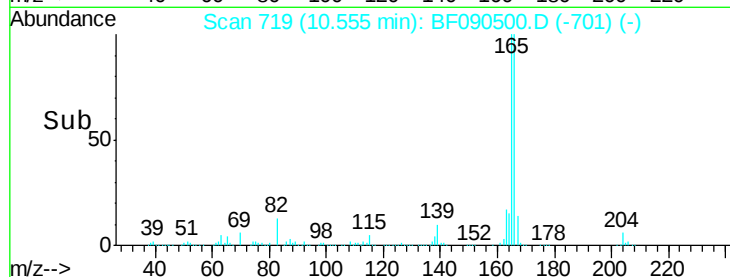
167 14.4 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 93.42 ng

RT: 10.33 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Tgt Ion:232 Resp: 522143

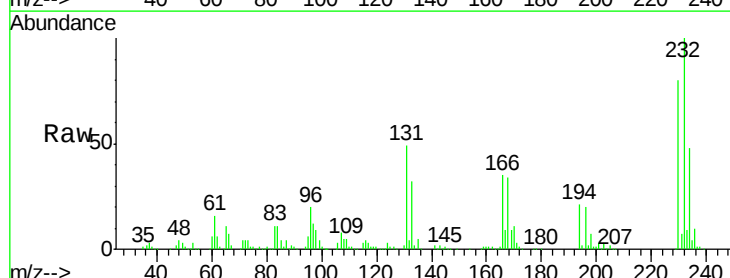
Ion Ratio Lower Upper

232 100

131 49.9 34.5 51.7

130 2.3 1.6 2.4

166 34.5 23.8 35.8

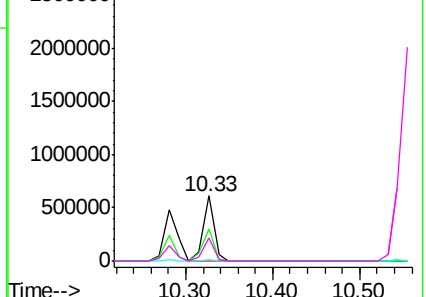
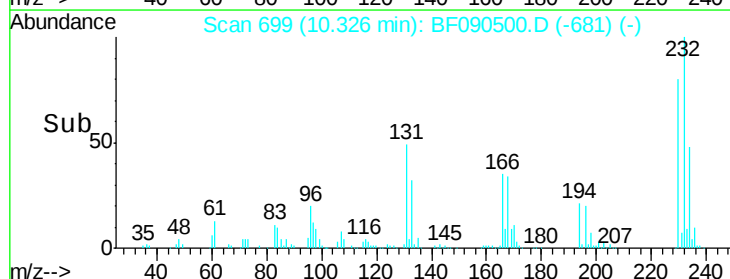


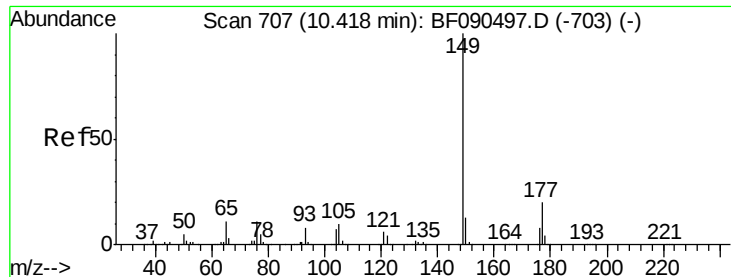
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

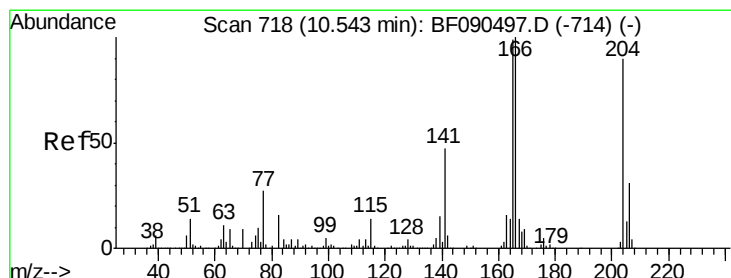
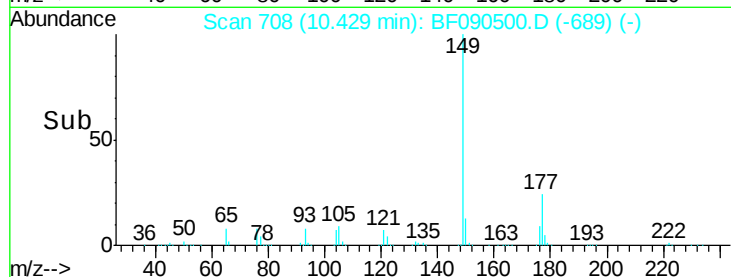
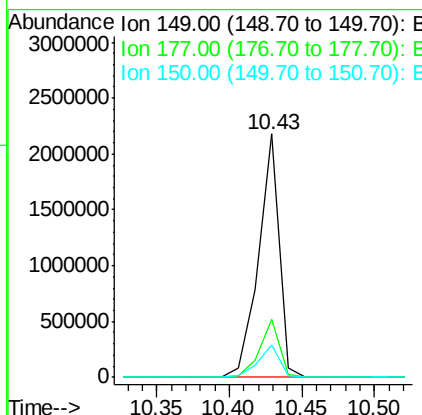
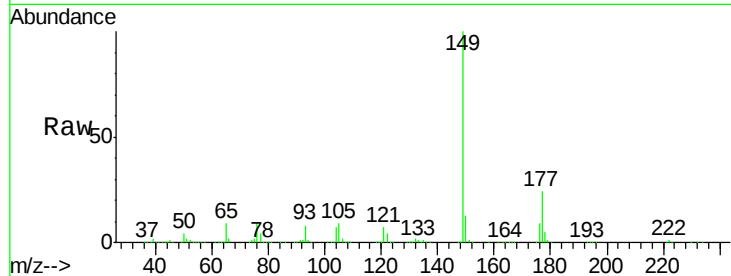




#59
Diethylphthalate
Concen: 74.69 ng
RT: 10.43 min Scan# 708
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

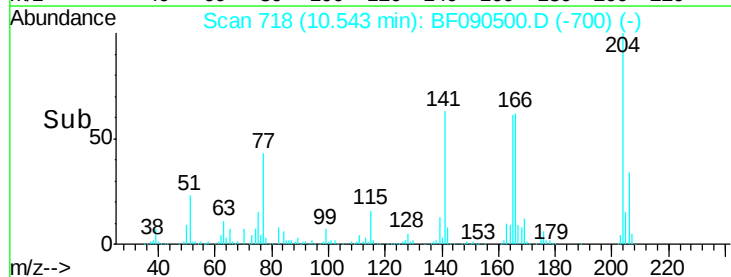
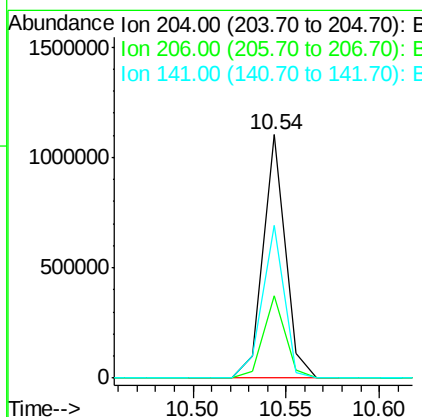
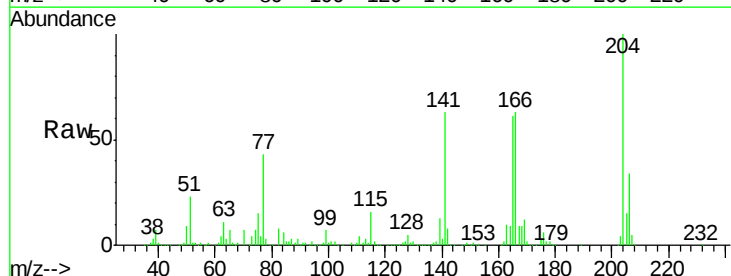
Instrument :
BNA_F
ClientSampled :

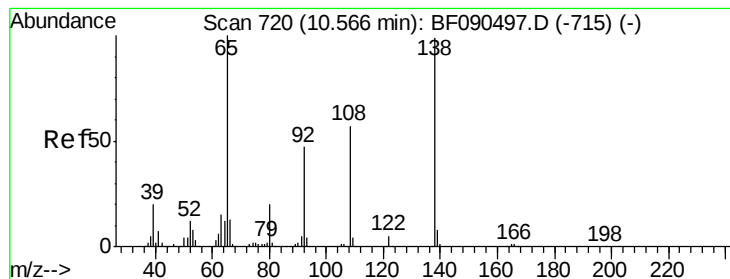
Tot Ion:149 Resp: 2153056
Ion Ratio Lower Upper
149 100
177 23.6 21.1 31.7
150 13.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 74.64 ng
RT: 10.54 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion:204 Resp: 904674
Ion Ratio Lower Upper
204 100
206 33.7 26.7 40.1
141 62.8 51.7 77.5

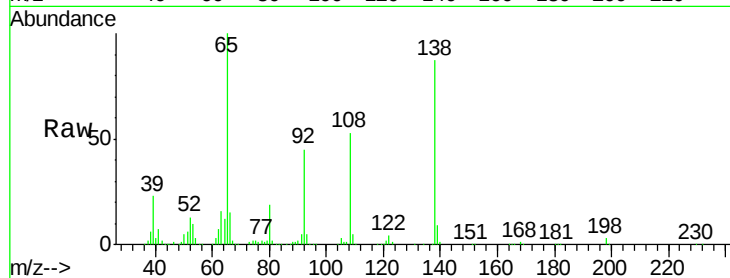




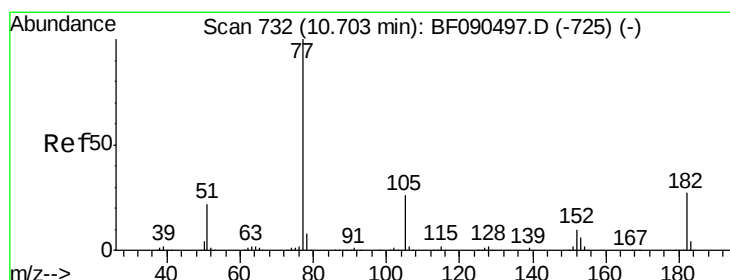
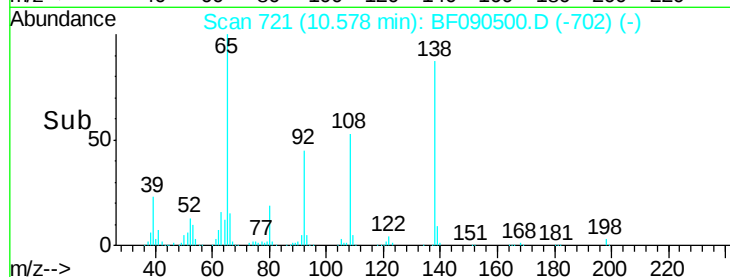
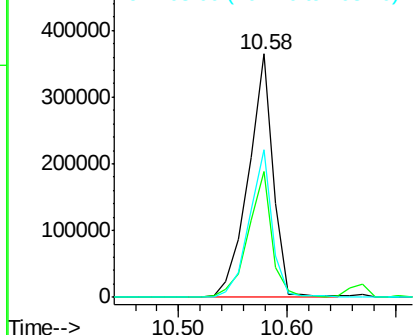
#61
4-Nitroaniline
Concen: 79.51 ng
RT: 10.58 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 578876
Ion Ratio Lower Upper
138 100
92 51.7 33.2 73.2
108 60.8 48.5 88.5

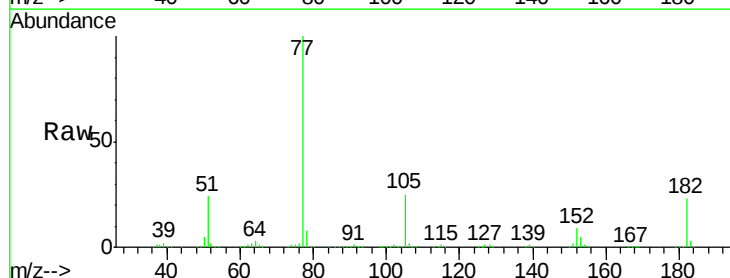


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

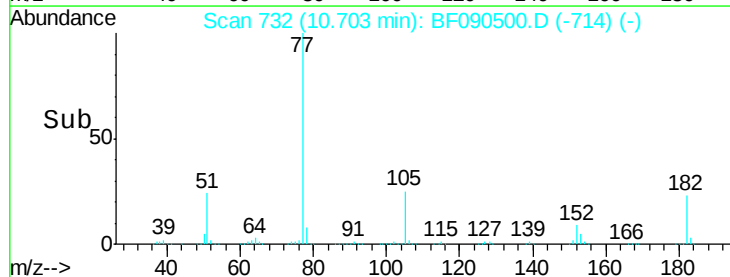
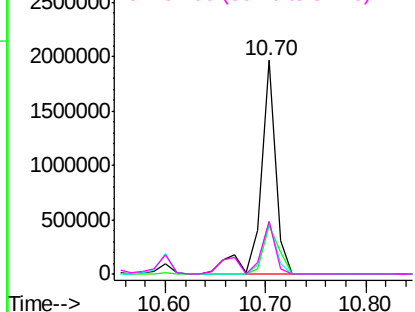


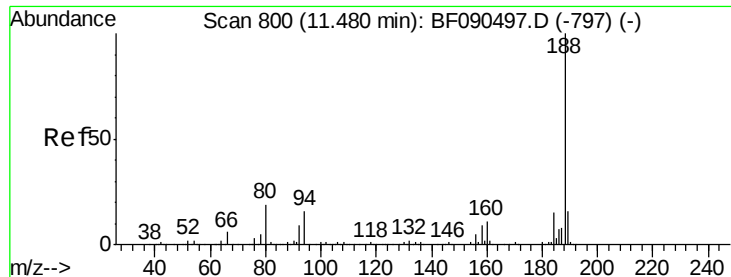
#62
Azobenzene
Concen: 61.89 ng
RT: 10.70 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion: 77 Resp: 2060935
Ion Ratio Lower Upper
77 100
182 22.8 3.2 43.2
105 24.9 2.9 42.9
51 24.4 14.2 54.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

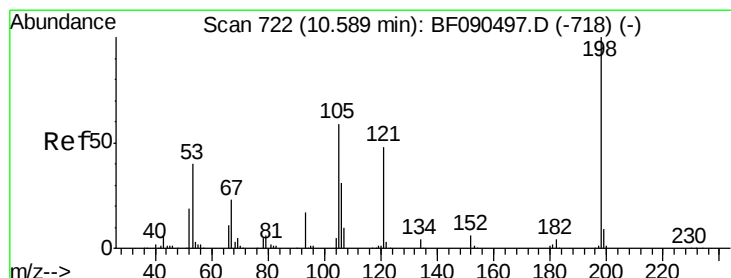
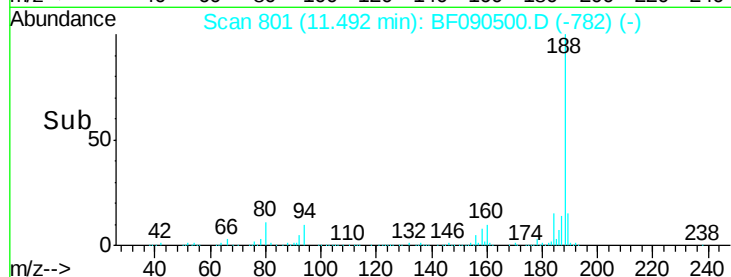
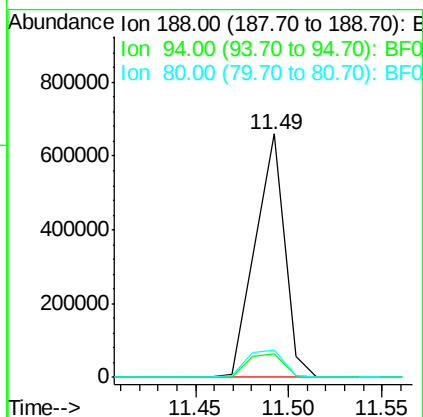
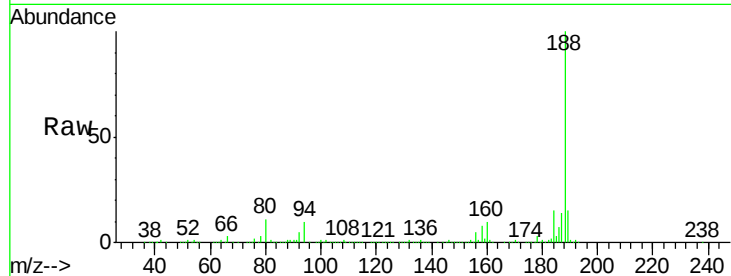




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

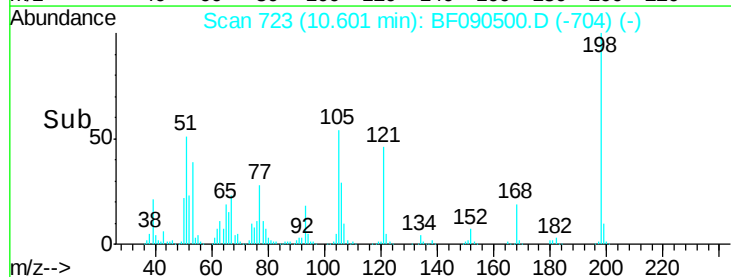
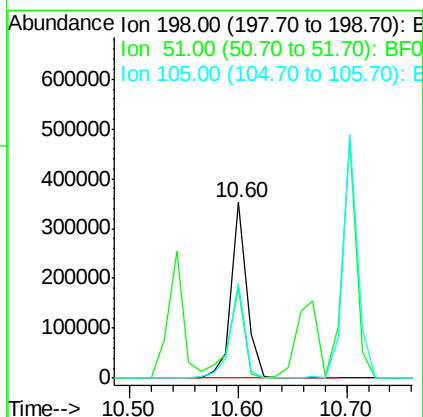
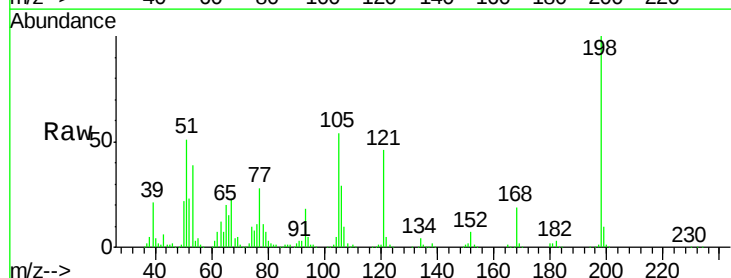
Instrument :
BNA_F
ClientSampleId :

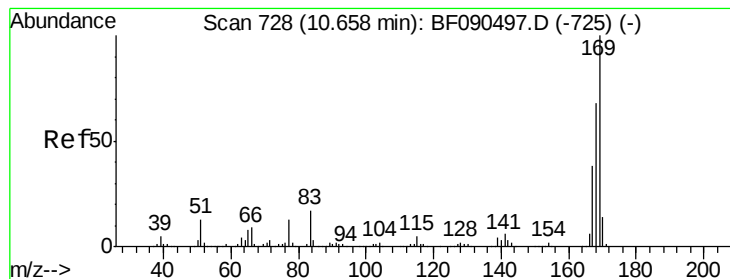
Tot Ion:188 Resp: 721179
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 11.0 8.8 13.2



#64
4,6-Dinitro-2-methylphenol
Concen: 79.94 ng
RT: 10.60 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion:198 Resp: 349855
Ion Ratio Lower Upper
198 100
51 51.0 67.3 107.3#
105 54.2 42.6 82.6





#65

n-Nitrosodiphenylamine

Concen: 76.03 ng

RT: 10.67 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

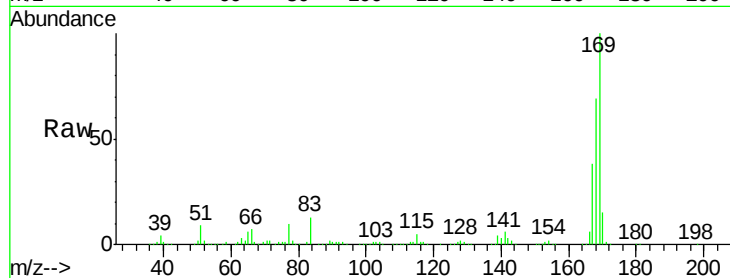
Tot Ion:169 Resp: 1837360

Ion Ratio Lower Upper

169 100

168 69.1 53.8 80.6

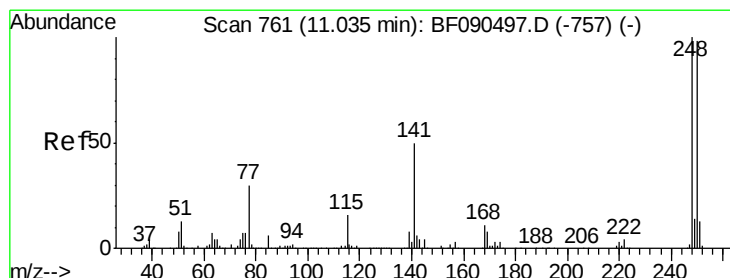
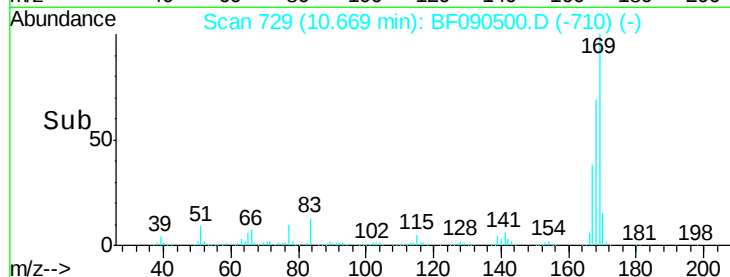
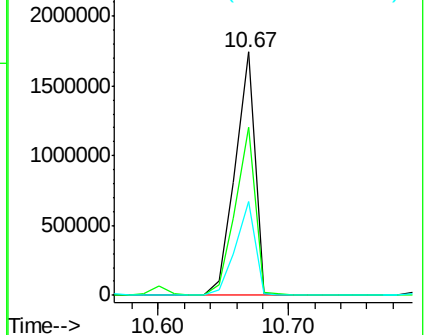
167 38.4 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 86.41 ng

RT: 11.03 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

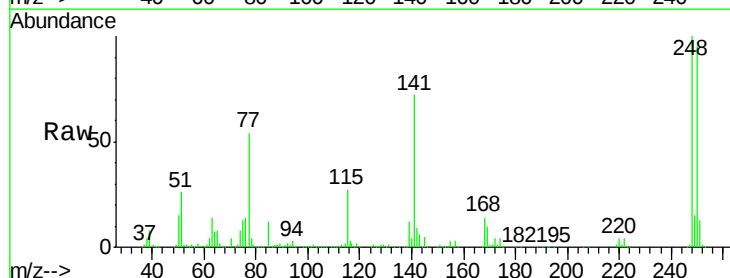
Tgt Ion:248 Resp: 610833

Ion Ratio Lower Upper

248 100

250 95.1 76.5 114.7

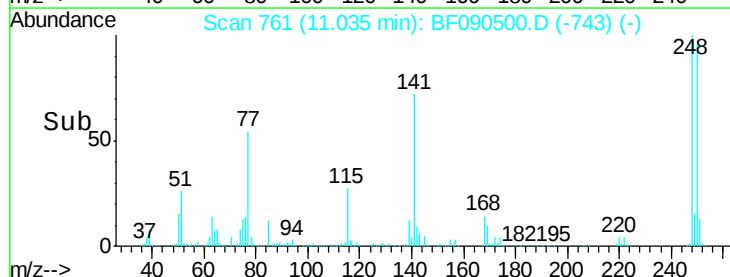
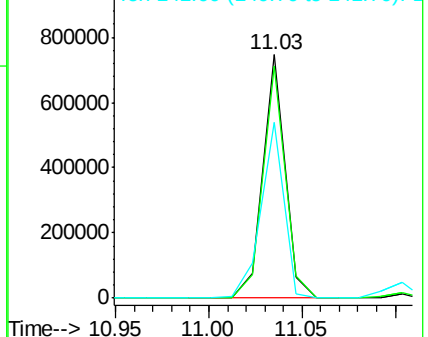
141 72.0 59.8 89.6

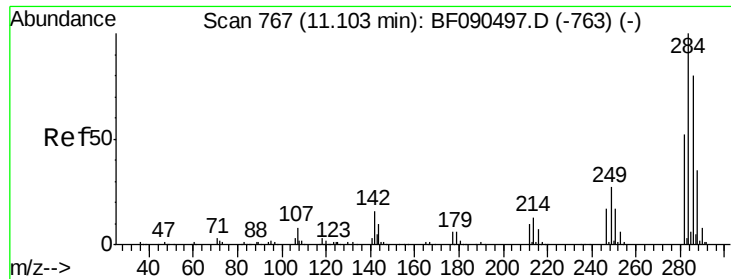


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

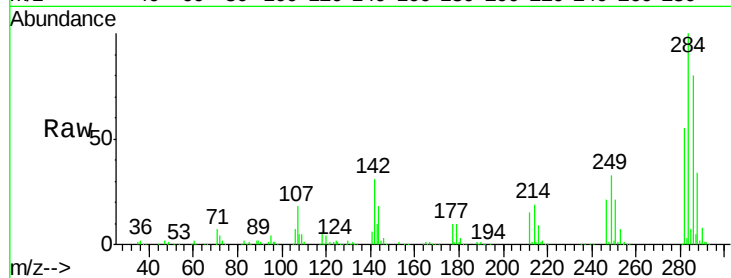




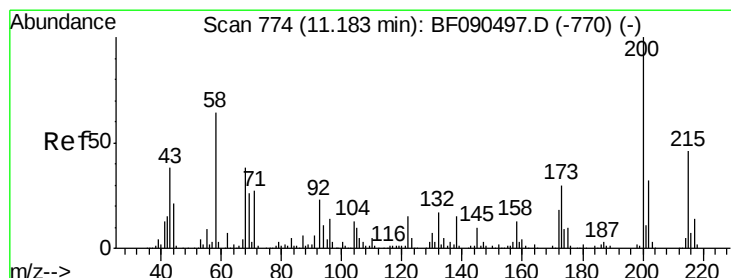
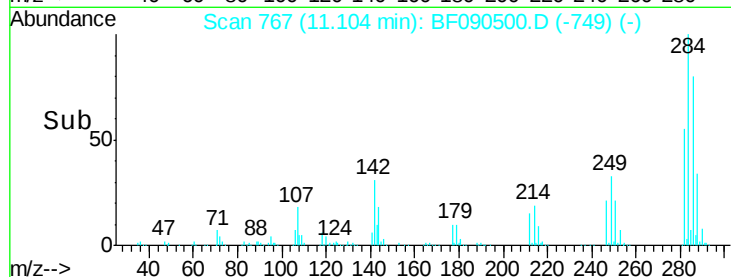
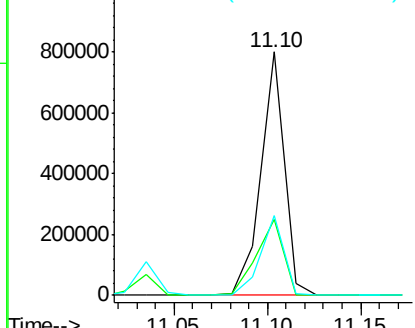
#67
Hexachlorobenzene
Concen: 87.22 ng
RT: 11.10 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 686632
Ion Ratio Lower Upper
284 100
142 31.0 23.1 34.7
249 33.0 26.3 39.5

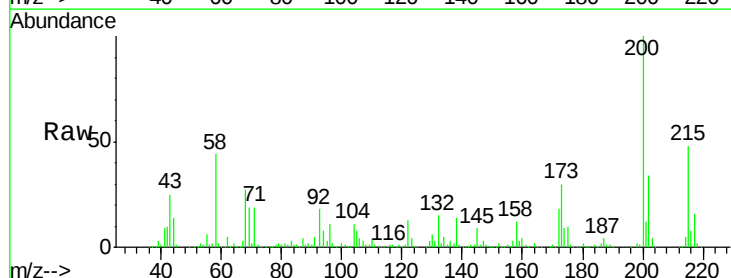


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

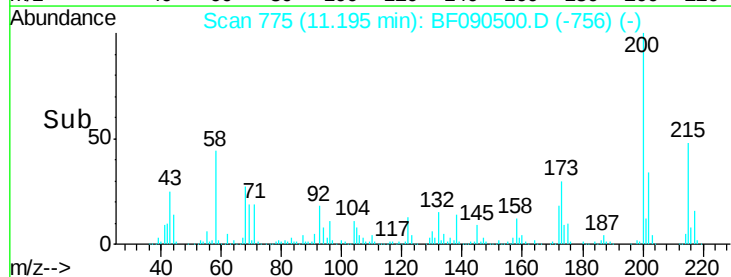
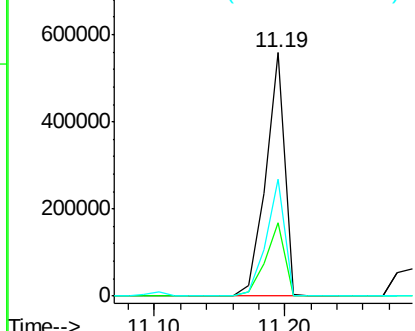


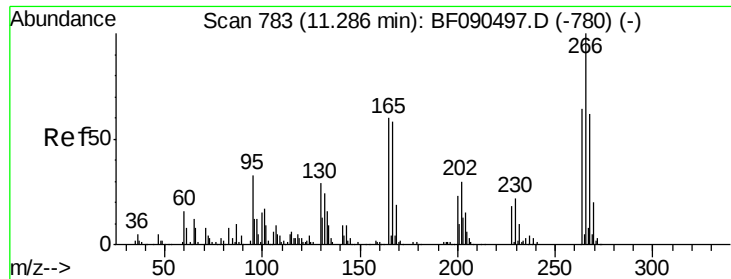
#68
Atrazine
Concen: 94.93 ng
RT: 11.19 min Scan# 775
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion:200 Resp: 565685
Ion Ratio Lower Upper
200 100
173 30.2 9.0 49.0
215 48.1 24.8 64.8



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

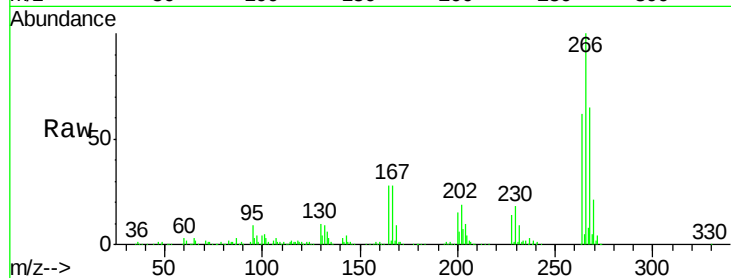




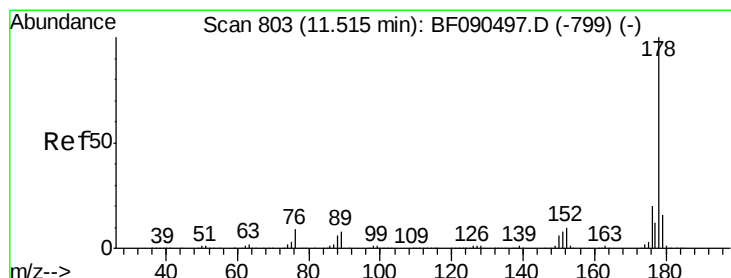
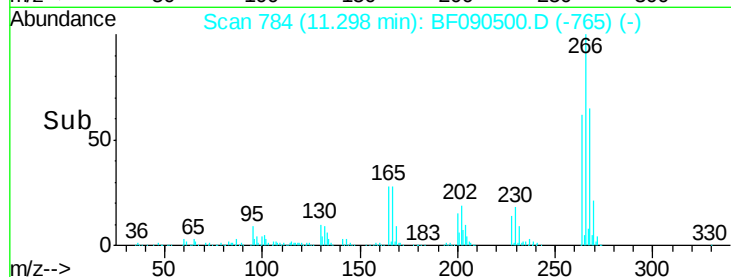
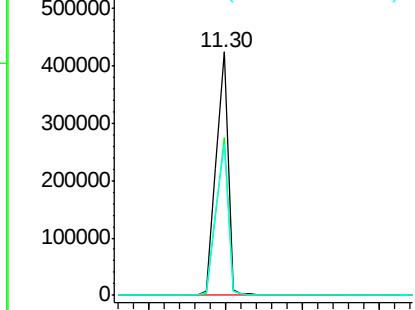
#69
 Pentachlorophenol
 Concen: 98.79 ng
 RT: 11.30 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 462960
 Ion Ratio Lower Upper
 266 100
 268 64.8 50.9 76.3
 264 62.2 51.5 77.3

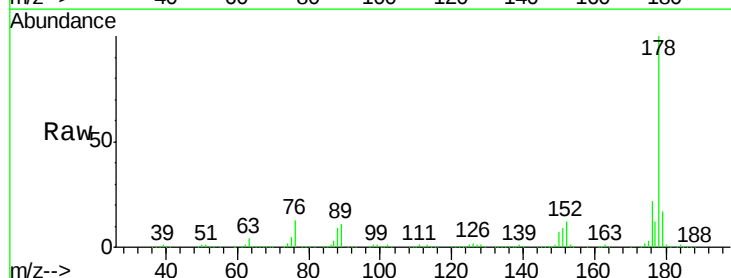


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

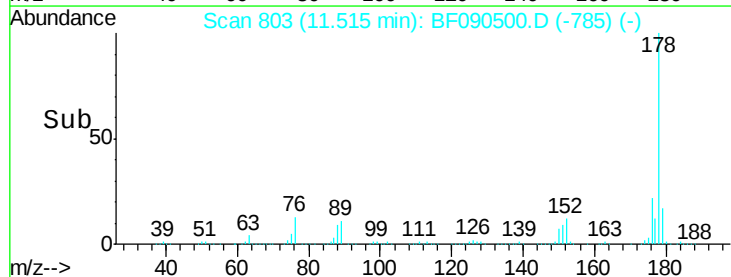
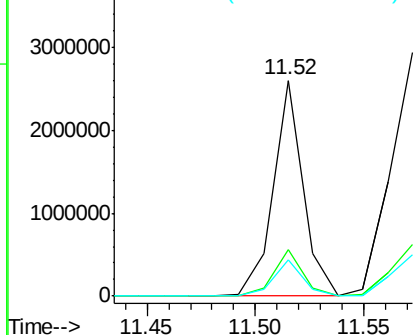


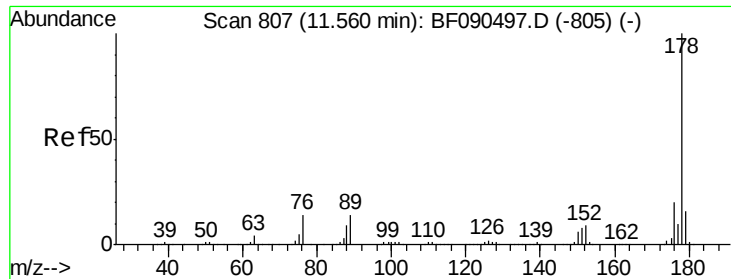
#70
 Phenanthrene
 Concen: 67.91 ng
 RT: 11.52 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

Tgt Ion:178 Resp: 2507689
 Ion Ratio Lower Upper
 178 100
 176 21.5 17.3 25.9
 179 17.0 13.8 20.6



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

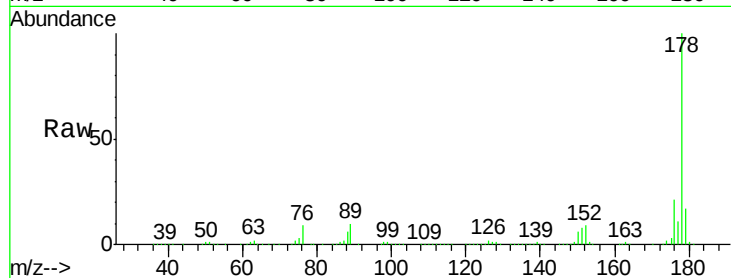




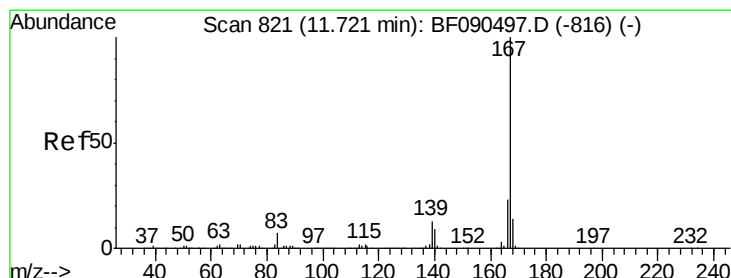
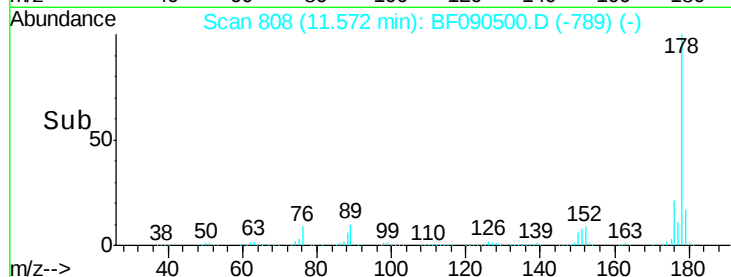
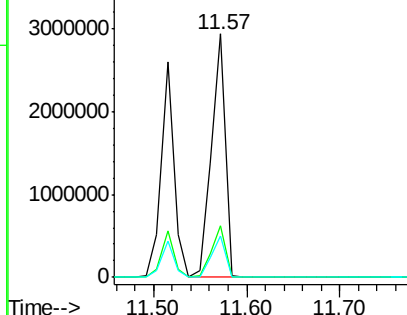
#71
 Anthracene
 Concen: 80.59 ng
 RT: 11.57 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 3039012
 Ion Ratio Lower Upper
 178 100
 176 21.4 16.8 25.2
 179 17.2 13.4 20.2

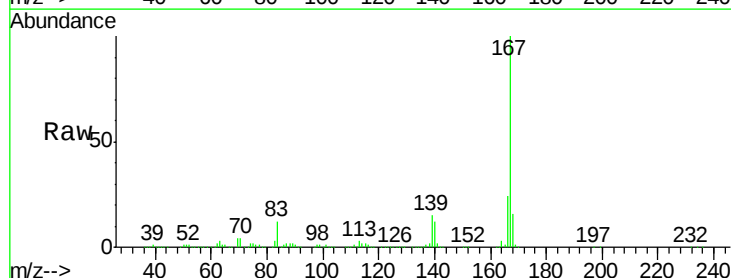


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

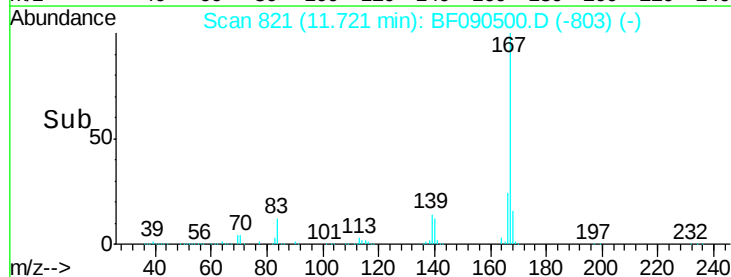
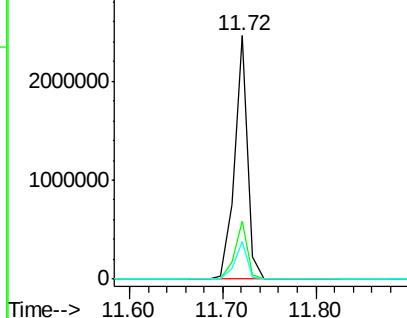


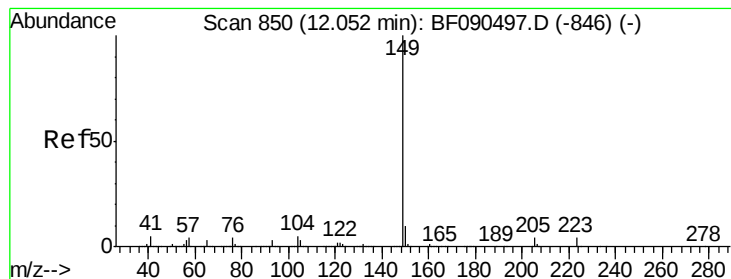
#72
 Carbazole
 Concen: 68.19 ng
 RT: 11.72 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

Tgt Ion:167 Resp: 2388994
 Ion Ratio Lower Upper
 167 100
 166 24.0 19.1 28.7
 139 15.5 12.1 18.1



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





#73

Di-n-butylphthalate

Concen: 70.69 ng

RT: 12.05 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

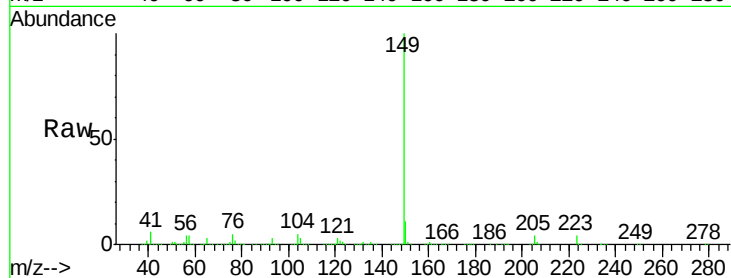
Tot Ion:149 Resp: 3014289

Ion Ratio Lower Upper

149 100

150 10.9 8.6 12.8

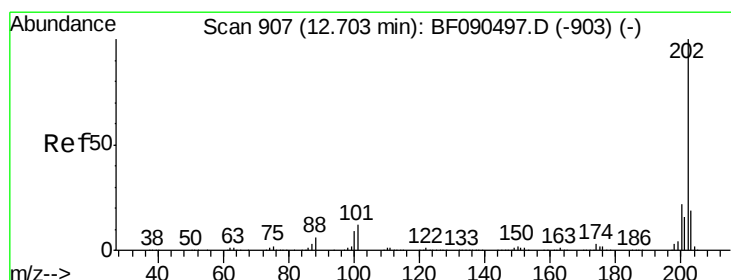
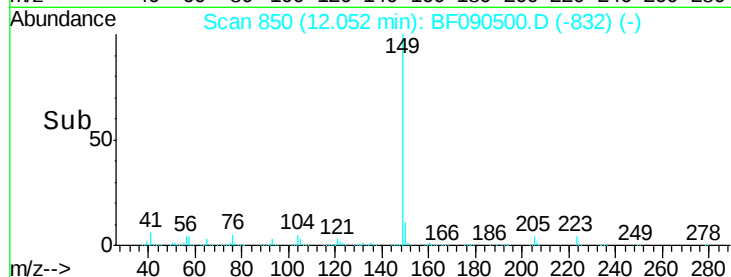
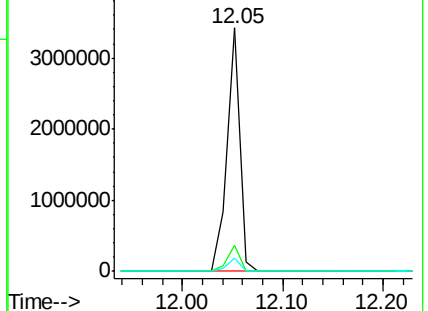
104 5.3 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 73.38 ng

RT: 12.70 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

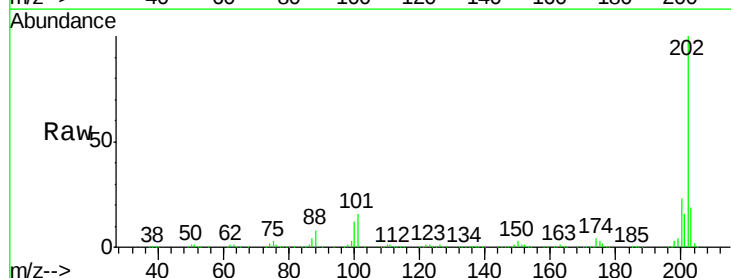
Tgt Ion:202 Resp: 2657861

Ion Ratio Lower Upper

202 100

101 16.2 0.0 37.2

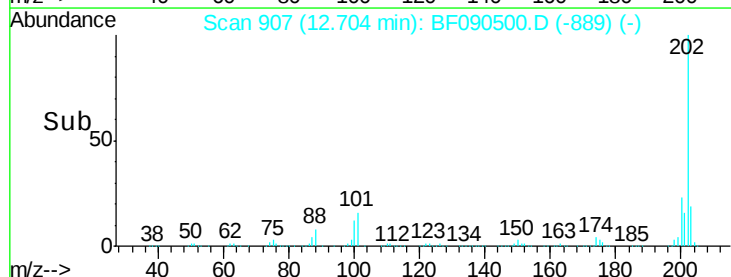
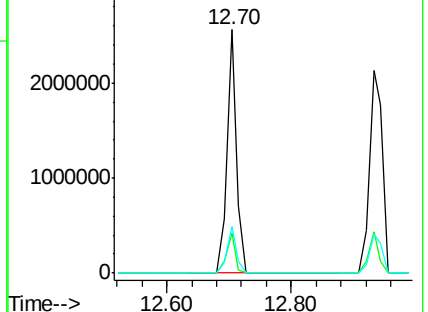
203 19.3 0.0 39.3

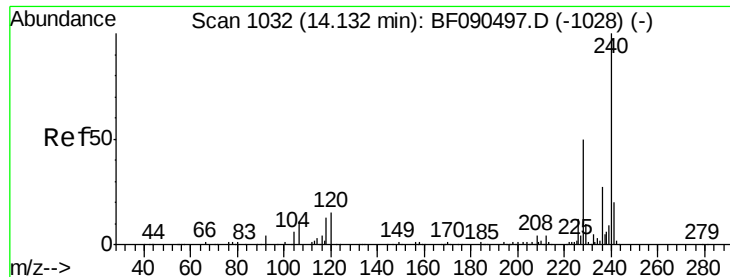


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

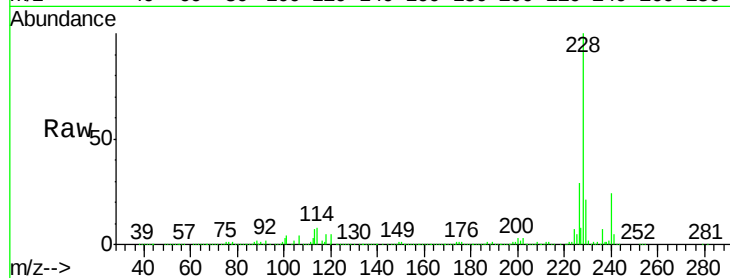
Tot Ion:240 Resp: 569919

Ion Ratio Lower Upper

240 100

120 22.1 8.6 13.0#

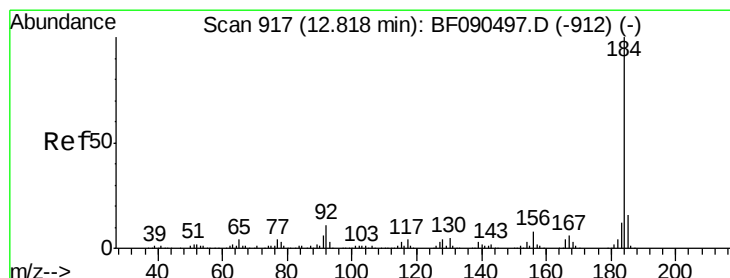
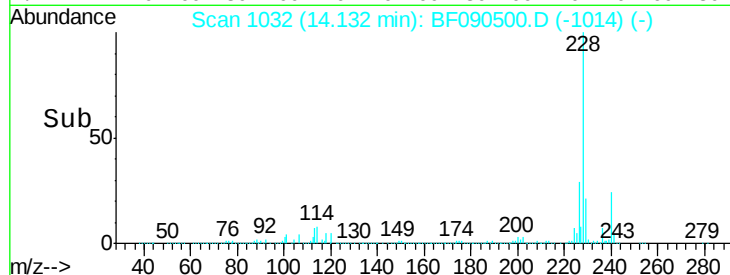
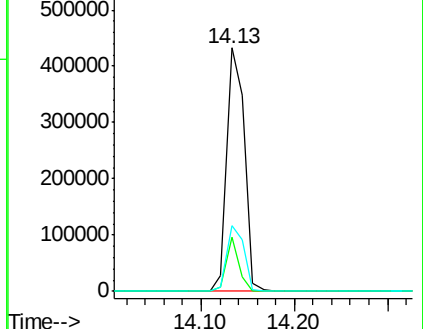
236 27.0 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 102.12 ng

RT: 12.83 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

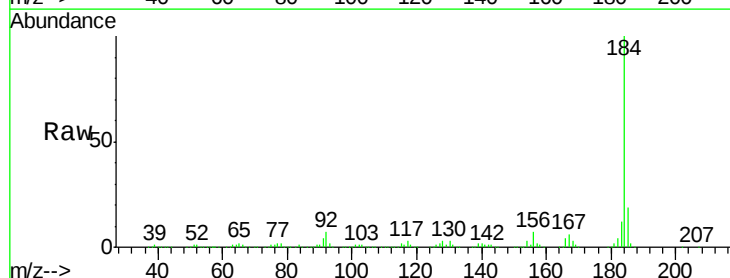
Tgt Ion:184 Resp: 1530332

Ion Ratio Lower Upper

184 100

185 18.6 11.8 17.8#

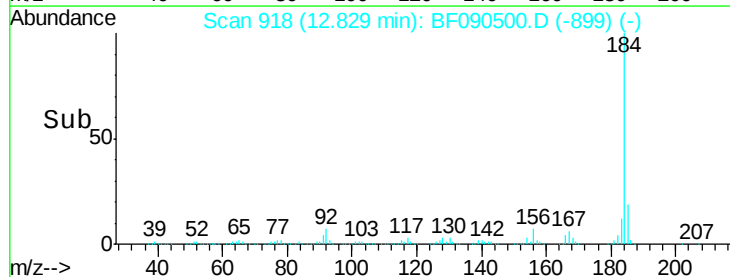
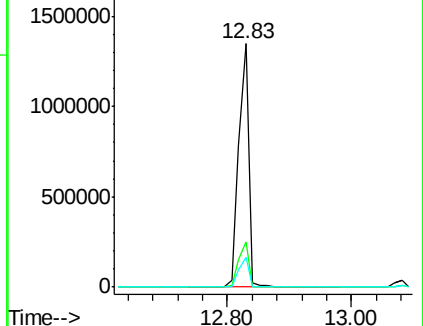
183 12.0 9.6 14.4

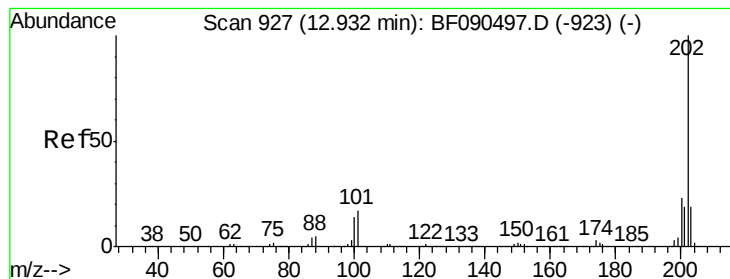


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 78.66 ng

RT: 12.93 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

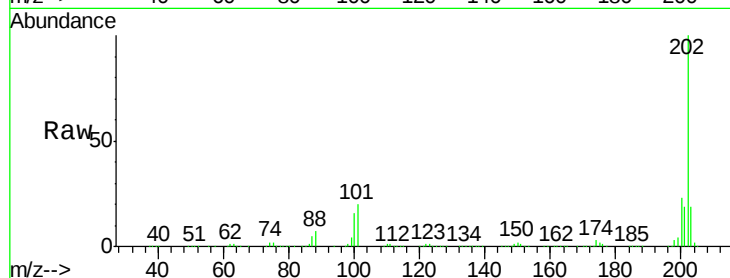
Tot Ion:202 Resp: 2989200

Ion Ratio Lower Upper

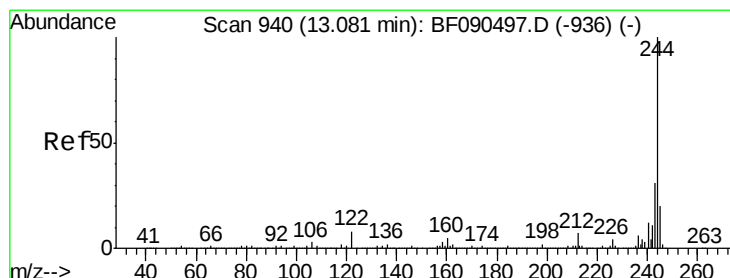
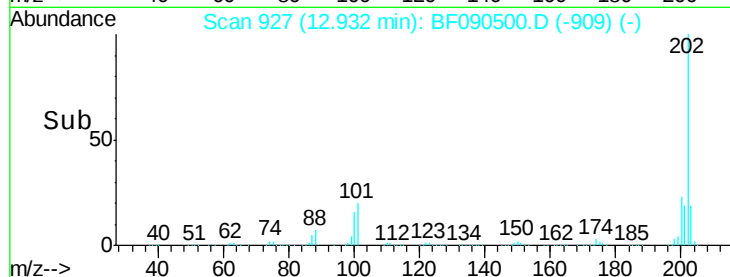
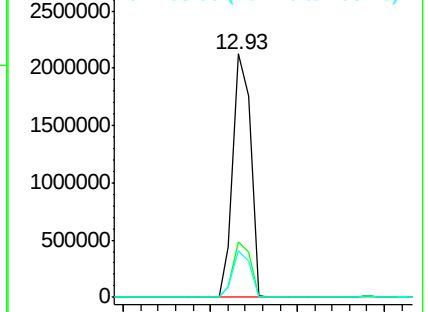
202 100

200 23.0 18.5 27.7

203 19.2 15.0 22.6



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



#78

Terphenyl-d14

Concen: 129.08 ng

RT: 13.08 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

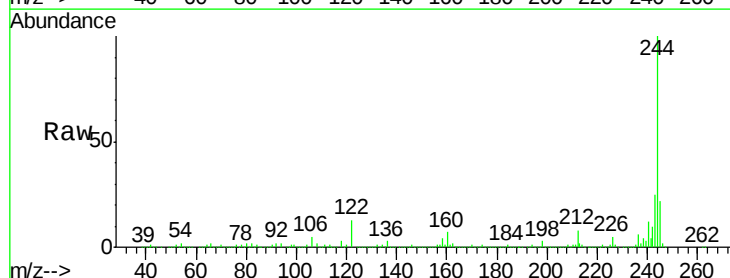
Tgt Ion:244 Resp: 3272251

Ion Ratio Lower Upper

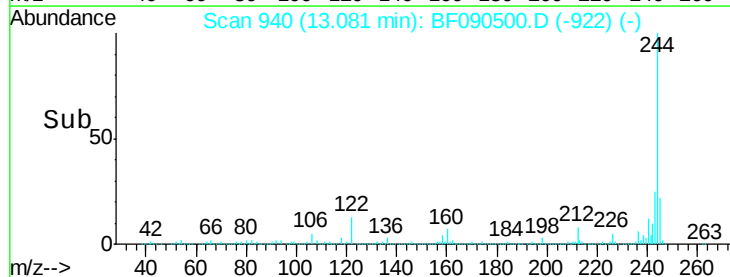
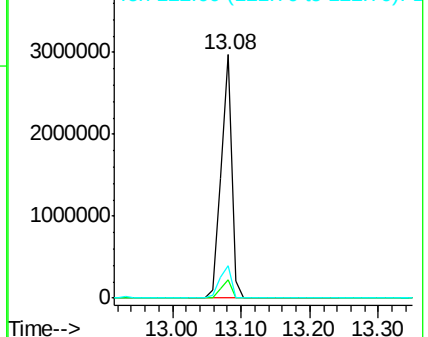
244 100

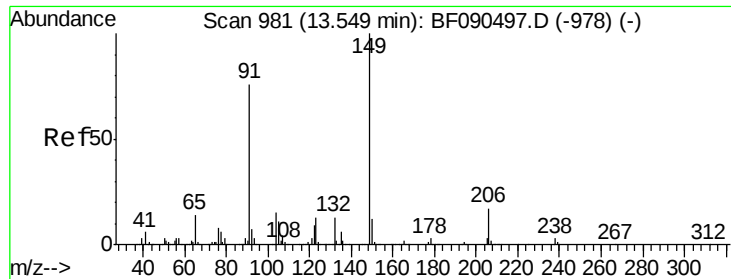
212 7.8 6.8 10.2

122 13.2 13.3 19.9#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 68.03 ng

RT: 13.55 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

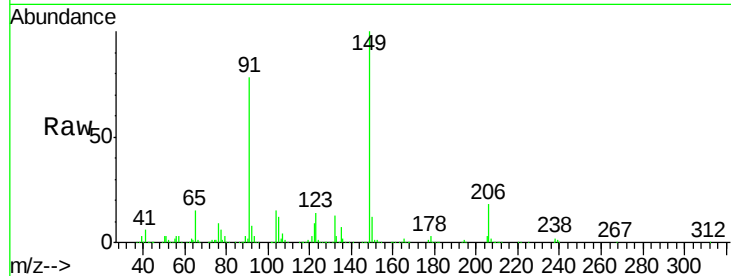
Tot Ion:149 Resp: 1326629

Ion Ratio Lower Upper

149 100

91 78.4 51.8 77.8#

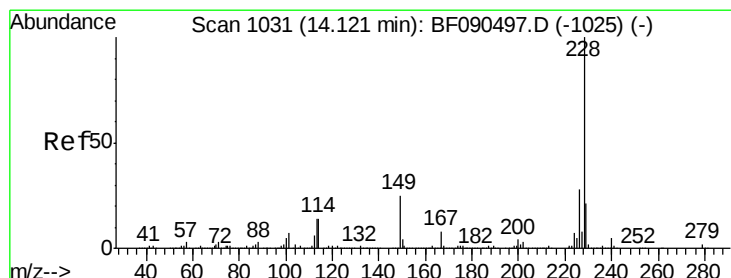
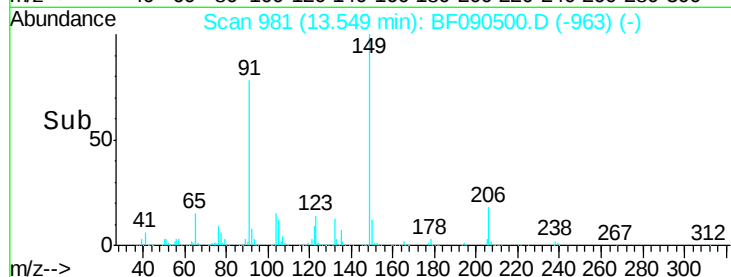
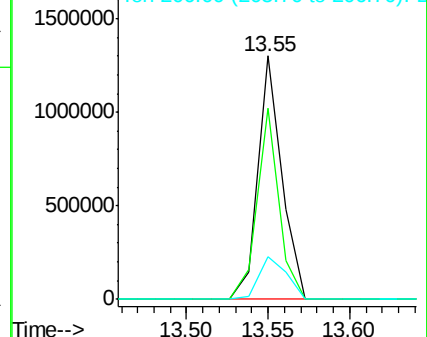
206 17.8 18.0 27.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 85.95 ng

RT: 14.13 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

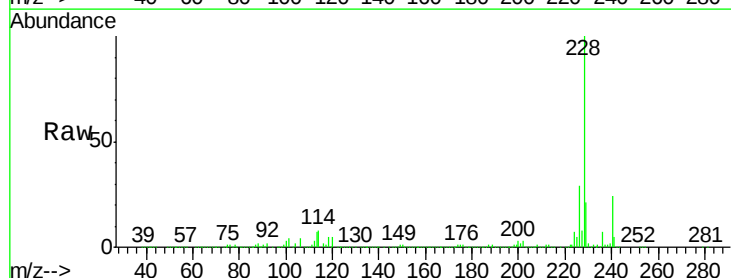
Tgt Ion:228 Resp: 2748334

Ion Ratio Lower Upper

228 100

226 28.6 23.6 35.4

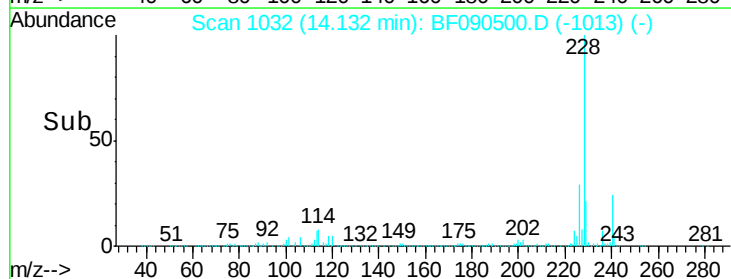
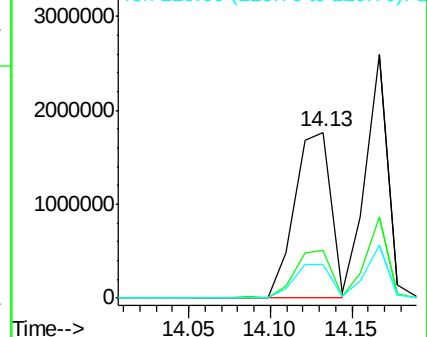
229 20.6 16.6 25.0

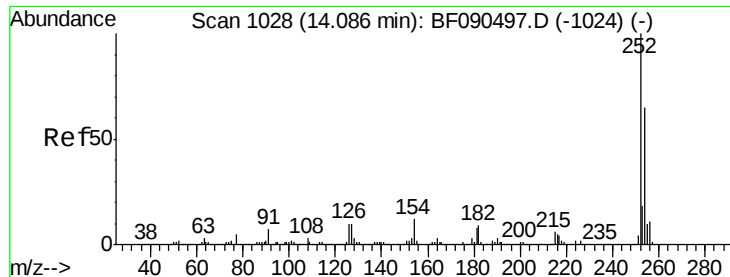


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 81.96 ng

RT: 14.09 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampled :

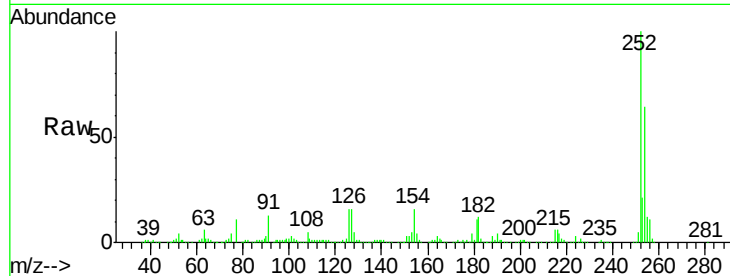
Tot Ion:252 Resp: 950209

Ion Ratio Lower Upper

252 100

254 64.0 52.1 78.1

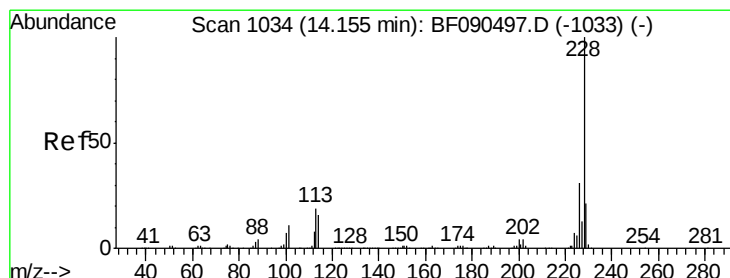
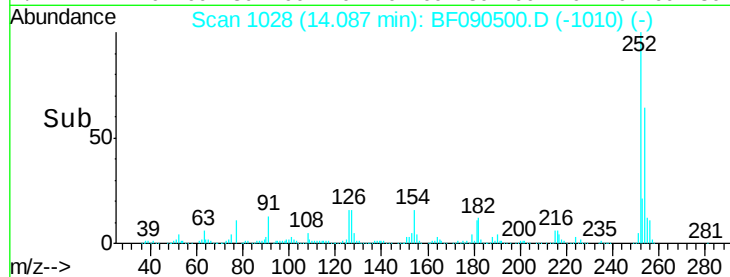
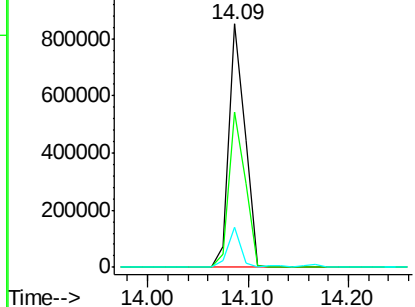
126 16.3 4.2 6.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 85.04 ng

RT: 14.17 min Scan# 1035

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

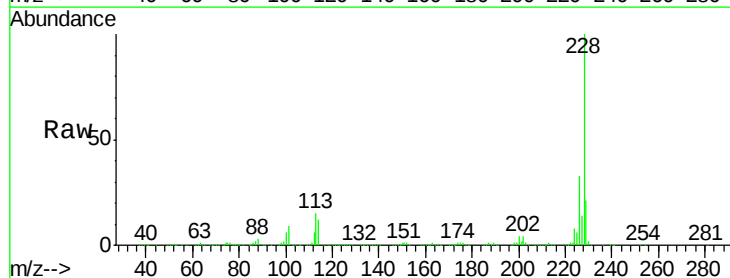
Tgt Ion:228 Resp: 2502580

Ion Ratio Lower Upper

228 100

226 33.5 25.8 38.6

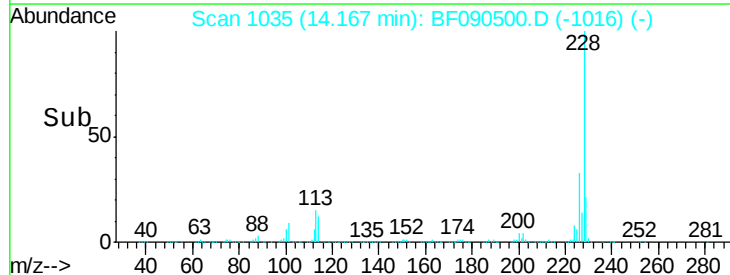
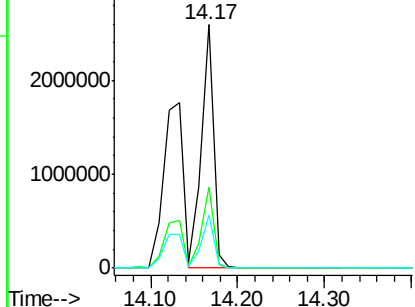
229 21.5 16.9 25.3

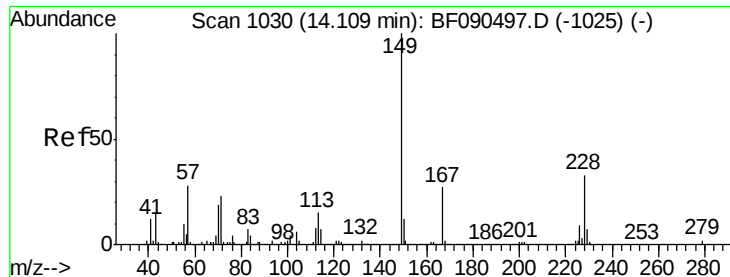


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

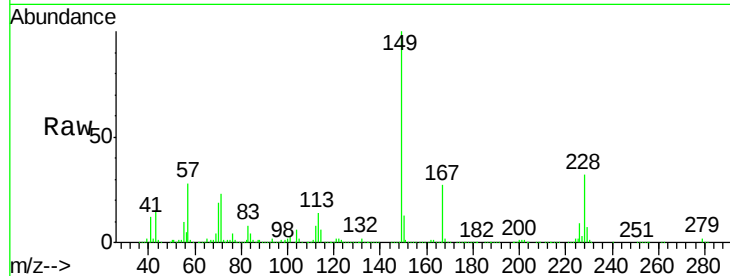




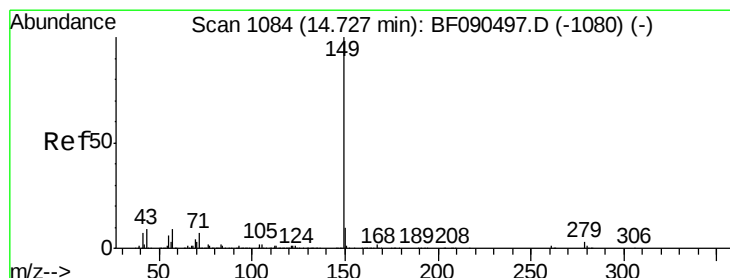
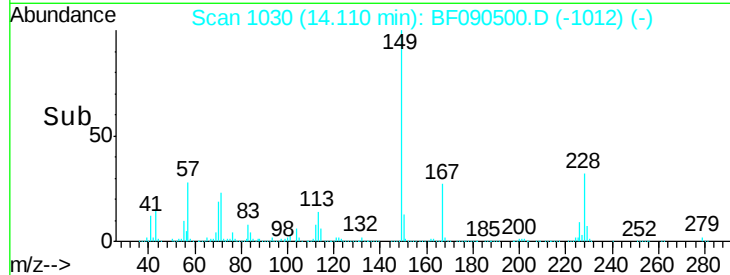
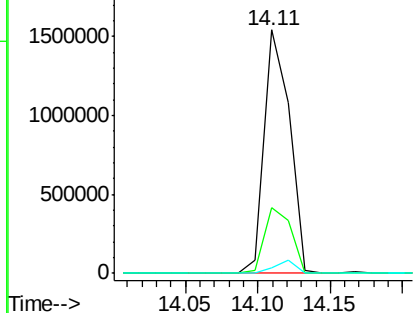
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 67.57 ng
 RT: 14.11 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 1872856
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.5 32.3
 279 2.3 2.6 3.8#

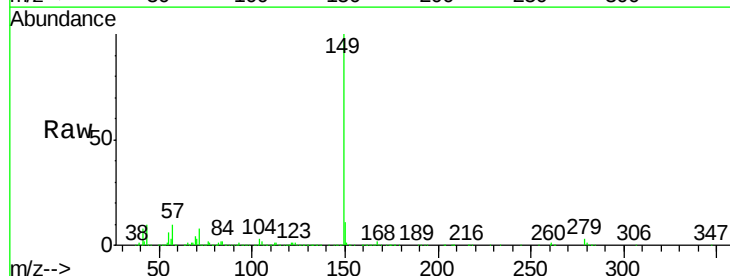


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

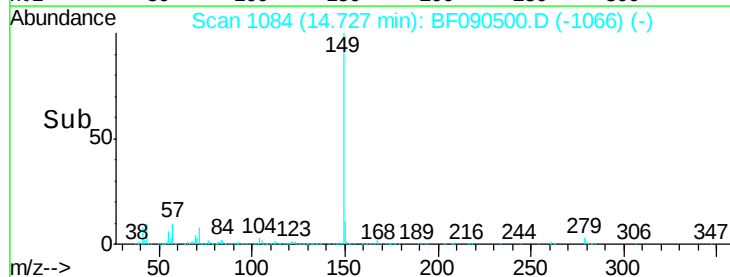
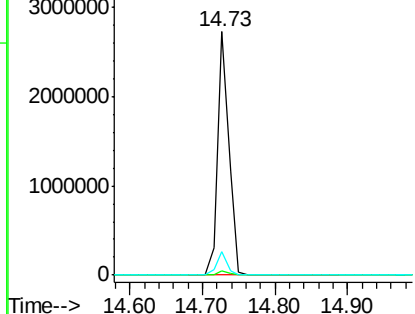


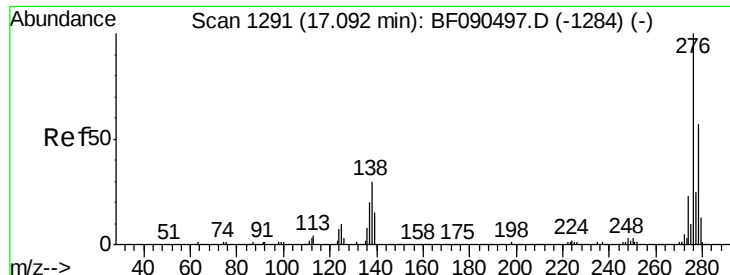
#84
 Di-n-octyl phthalate
 Concen: 71.36 ng
 RT: 14.73 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

Tgt Ion:149 Resp: 2932304
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 8.7 11.8 17.8#



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

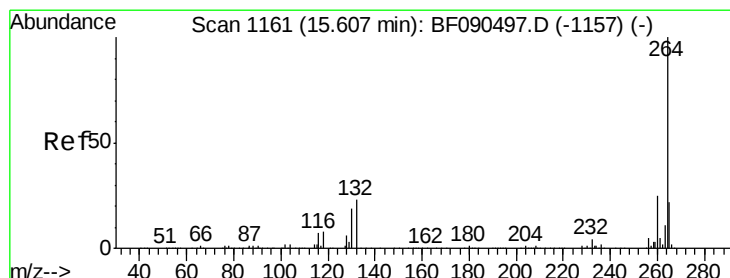
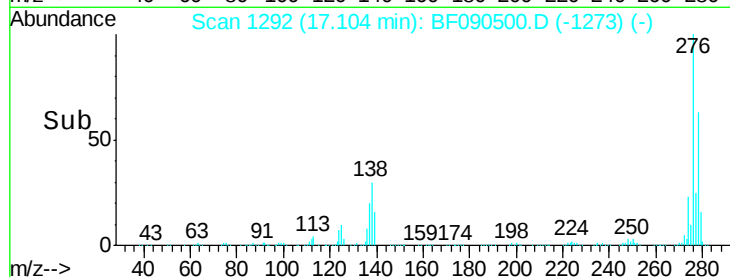
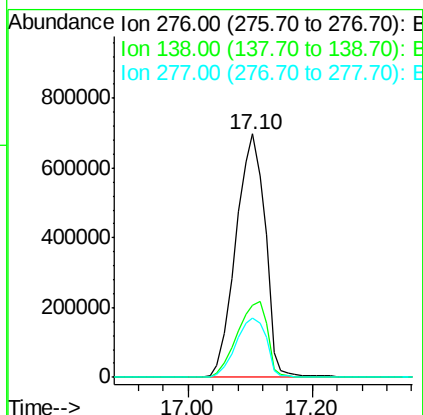
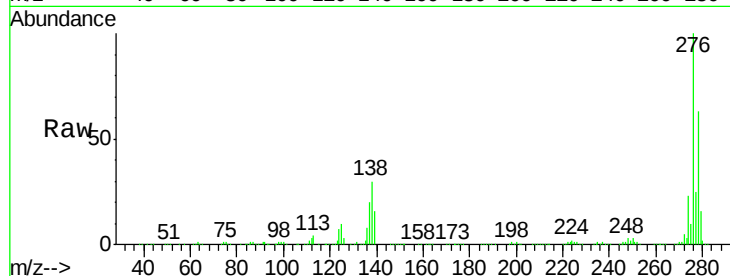




#85
Indeno(1,2,3-cd)pyrene
Concen: 109.86 ng
RT: 17.10 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

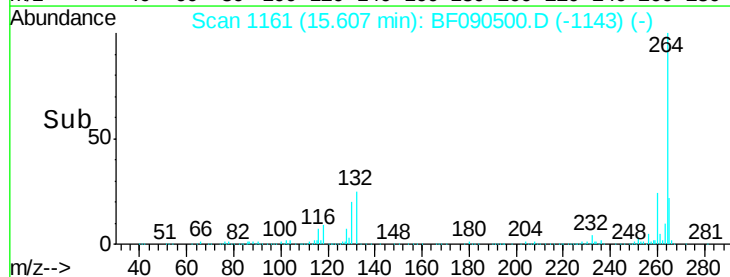
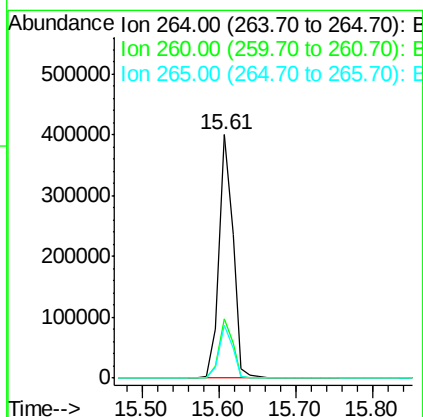
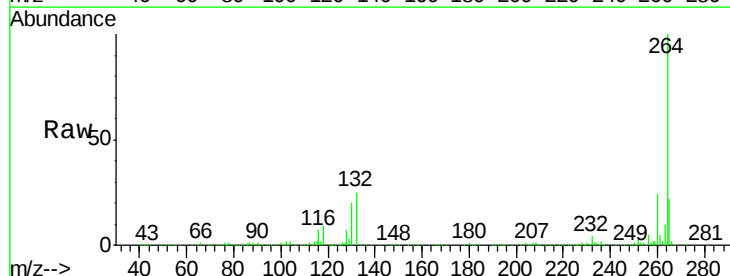
Instrument :
BNA_F
ClientSampleId :

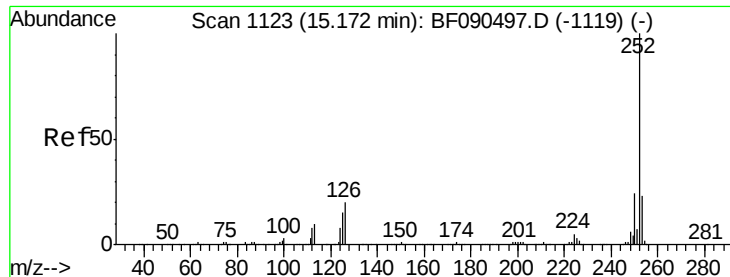
Tot Ion:276 Resp: 2305048
Ion Ratio Lower Upper
276 100
138 32.2 23.8 35.8
277 25.5 20.4 30.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion:264 Resp: 512203
Ion Ratio Lower Upper
264 100
260 24.2 19.3 28.9
265 21.7 17.4 26.0

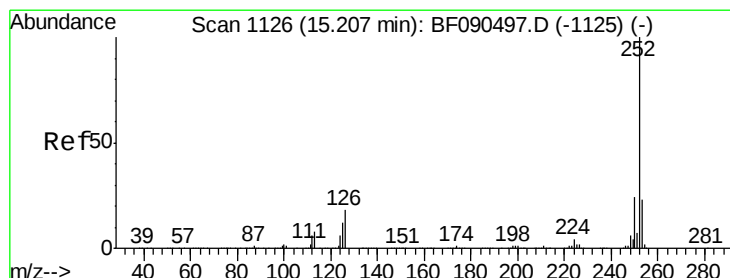
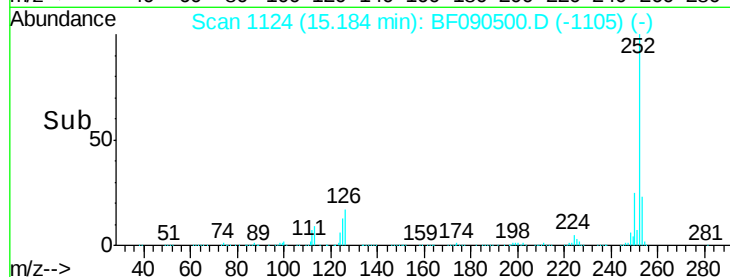
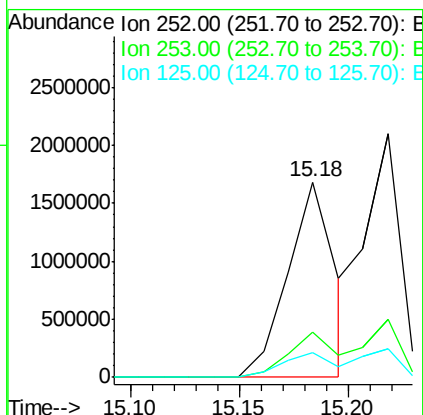
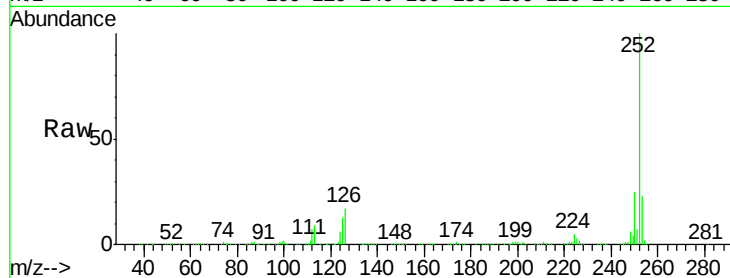




#87
Benzo(b)fluoranthene
Concen: 77.36 ng
RT: 15.18 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

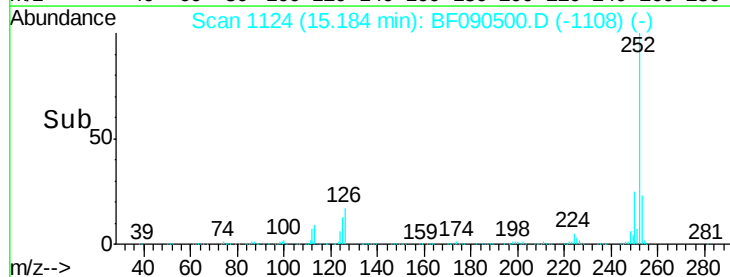
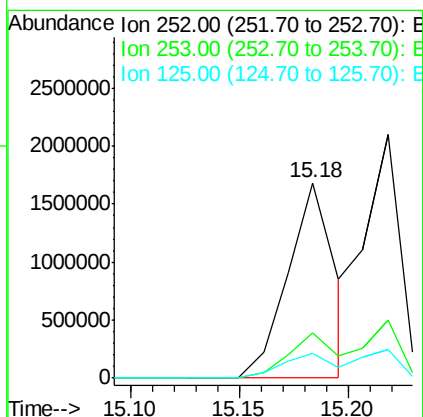
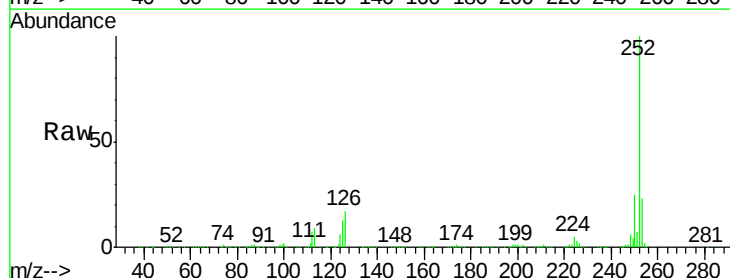
Instrument :
BNA_F
ClientSampleId :

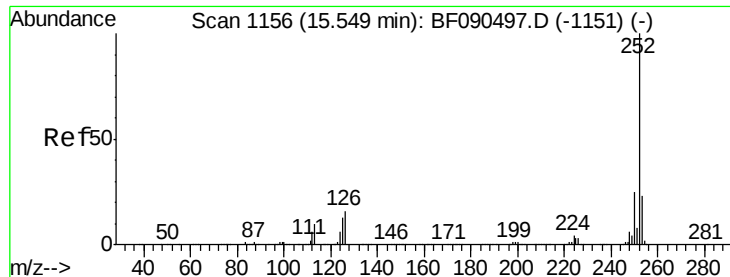
Tot Ion:252 Resp: 2523973
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 12.8 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 82.36 ng
RT: 15.18 min Scan# 1124
Delta R.T. -0.02 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion:252 Resp: 2523973
Ion Ratio Lower Upper
252 100
253 22.9 18.6 27.8
125 12.8 11.7 17.5





#89

Benzo(a)pyrene

Concen: 85.79 ng

RT: 15.56 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

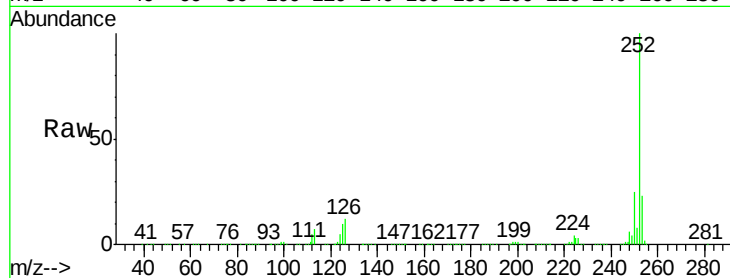
Tot Ion:252 Resp: 2412487

Ion Ratio Lower Upper

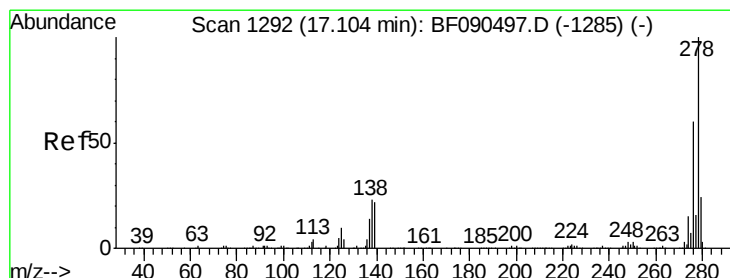
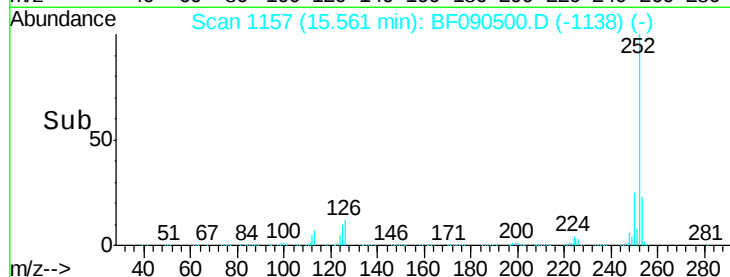
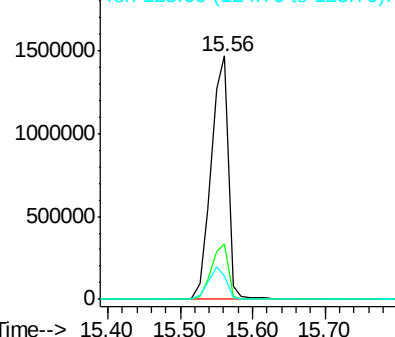
252 100

253 22.8 18.2 27.4

125 9.9 9.8 14.8



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



#90

Dibenzo(a,h)anthracene

Concen: 85.05 ng

RT: 17.13 min Scan# 1294

Delta R.T. 0.02 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

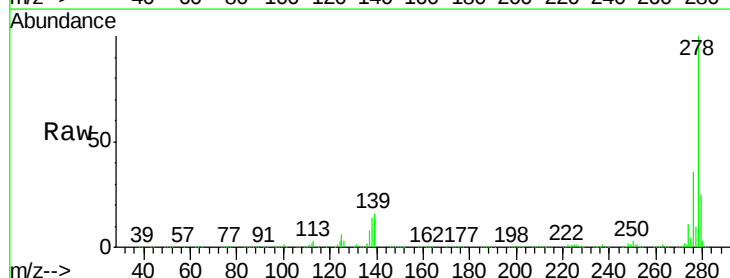
Tgt Ion:278 Resp: 2034902

Ion Ratio Lower Upper

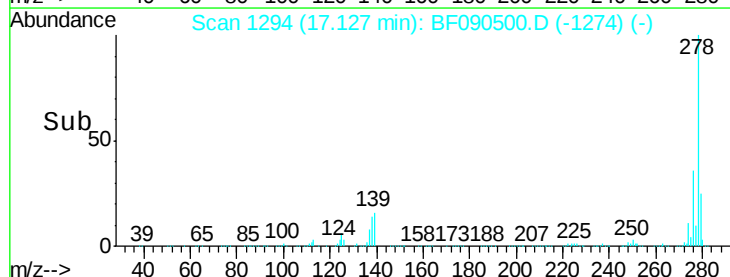
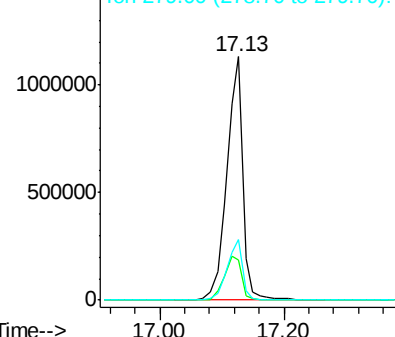
278 100

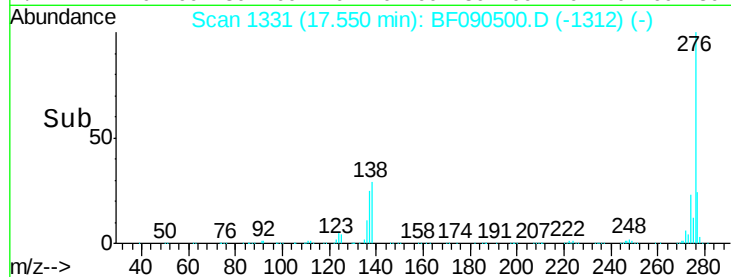
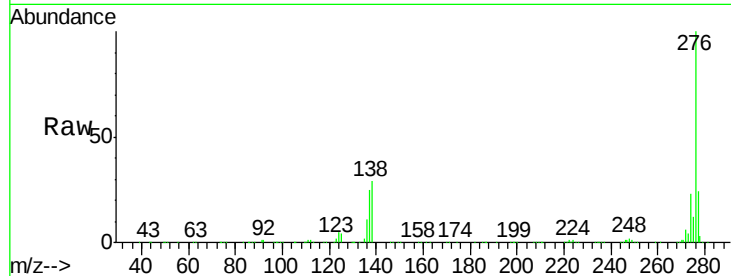
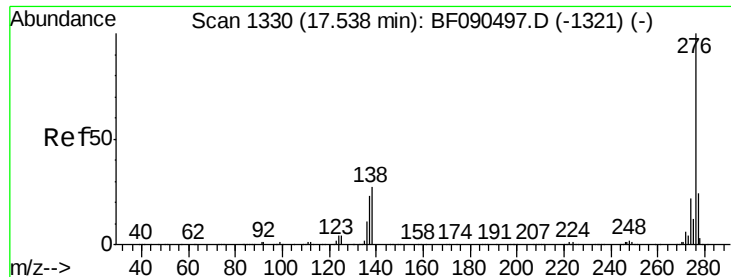
139 16.4 12.8 19.2

279 24.7 19.6 29.4



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





#91

Benzo(a,h,i)perylene

Concen: 80.91 ng

RT: 17.55 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1857688

Ion Ratio Lower Upper

276 100

277 24.4 19.4 29.0

138 29.0 20.8 31.2

