

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090501.D
 Acq On : 11 Oct 2016 14:56
 Operator : UM/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 16:01:31 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 15:28:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	214147	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	842113	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	440497	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	735998	20.00	ng	0.00
75) Chrysene-d12	14.13	240	709365	20.00	ng	0.00
86) Perylene-d12	15.61	264	577362	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	299000	21.72	ng	-0.01
7) Phenol-d6	6.58	99	381738	21.98	ng	-0.01
23) Nitrobenzene-d5	7.50	82	335268	21.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	86149	19.73	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	575503	21.96	ng	0.00
78) Terphenyl-d14	13.07	244	633104	21.81	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	71949	10.66	ng	# 82
3) Pyridine	3.38	79	178562	9.57	ng	# 77
4) n-Nitrosodimethylamine	3.30	42	58960	9.64	ng	# 42
6) Aniline	6.60	93	234610	10.65	ng	97
8) 2-Chlorophenol	6.73	128	153791	10.50	ng	89
9) Benzaldehyde	6.50	77	121274	11.08	ng	88
10) Phenol	6.59	94	217376	11.09	ng	84
11) bis(2-Chloroethyl)ether	6.68	93	167994	11.45	ng	94
12) 1,3-Dichlorobenzene	6.89	146	163500	10.35	ng	# 90
13) 1,4-Dichlorobenzene	6.97	146	176302	10.94	ng	99
14) 1,2-Dichlorobenzene	7.13	146	151757	10.36	ng	95
15) Benzyl Alcohol	7.08	79	138959	10.42	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.23	45	230853	10.98	ng	92
17) 2-Methylphenol	7.19	107	121065	10.17	ng	96
18) Hexachloroethane	7.47	117	65867	11.07	ng	99
19) n-Nitroso-di-n-propylamine	7.35	70	127425	11.50	ng	# 80
20) 3+4-Methylphenols	7.35	107	172713	11.45	ng	# 66
22) Acetophenone	7.35	105	221173	11.93	ng	# 94
24) Nitrobenzene	7.53	77	189599	11.39	ng	98
25) Isophorone	7.77	82	299613	10.60	ng	97
26) 2-Nitrophenol	7.85	139	74288	9.78	ng	# 74
27) 2,4-Dimethylphenol	7.89	122	133568	10.34	ng	95
28) bis(2-Chloroethoxy)methane	7.98	93	201016	11.52	ng	# 96
29) 2,4-Dichlorophenol	8.10	162	111283	10.30	ng	97
30) 1,2,4-Trichlorobenzene	8.18	180	131525	10.60	ng	99
31) Naphthalene	8.26	128	455453	10.86	ng	97
32) Benzoic acid	7.96	122	102946	10.10	ng	96
33) 4-Chloroaniline	8.30	127	194983	10.98	ng	94
34) Hexachlorobutadiene	8.38	225	75000	10.81	ng	98
35) Caprolactam	8.63	113	34860	9.95	ng	# 88
36) 4-Chloro-3-methylphenol	8.78	107	144422	11.45	ng	96
37) 2-Methylnaphthalene	8.95	142	310044	11.74	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	118158	9.58	ng	99
40) Hexachlorocyclopentadiene	9.11	237	52255	8.54	ng	97

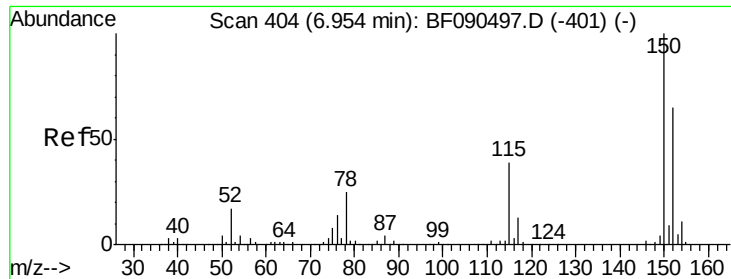
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090501.D
 Acq On : 11 Oct 2016 14:56
 Operator : UM/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 16:01:31 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 15:28:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	89782	10.80	nq	96
43) 2,4,5-Trichlorophenol	9.26	196	79110	9.61	nq	96
45) 1,1'-Biphenyl	9.41	154	347452	10.33	nq	93
46) 2-Chloronaphthalene	9.43	162	252355	10.08	nq	96
47) 2-Nitroaniline	9.53	65	91880	10.29	nq	# 85
48) Acenaphthylene	9.86	152	454650	11.26	nq	96
49) Dimethylphthalate	9.71	163	316871	10.70	nq	98
50) 2,6-Dinitrotoluene	9.78	165	63369	9.69	nq	# 55
51) Acenaphthene	10.03	154	304298	11.24	nq	98
52) 3-Nitroaniline	9.94	138	85032	10.48	nq	94
53) 2,4-Dinitrophenol	10.04	184	31977	8.81	nq	# 26
54) Dibenzofuran	10.20	168	392668	10.90	nq	98
55) 4-Nitrophenol	10.10	139	66057	10.47	nq	# 73
56) 2,4-Dinitrotoluene	10.18	165	86724	10.02	nq	# 89
57) Fluorene	10.54	166	326558	11.11	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.31	232	67670	9.86	nq	# 83
59) Diethylphthalate	10.42	149	322765	10.71	nq	94
60) 4-Chlorophenyl-phenylether	10.54	204	134430	9.91	nq	# 82
61) 4-Nitroaniline	10.54	138	81684	9.86	nq	92
62) Azobenzene	10.69	77	335752	10.20	nq	87
64) 4,6-Dinitro-2-methylphenol	10.58	198	43544	8.86	nq	# 81
65) n-Nitrosodiphenylamine	10.65	169	239371	10.00	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	73999	9.07	nq	# 76
67) Hexachlorobenzene	11.09	284	85727	9.52	nq	# 84
68) Atrazine	11.17	200	71811	9.70	nq	95
69) Pentachlorophenol	11.29	266	50069	9.34	nq	99
70) Phenanthrene	11.50	178	427209	10.53	nq	96
71) Anthracene	11.56	178	453585	11.04	nq	96
72) Carbazole	11.71	167	419256	10.80	nq	96
73) Di-n-butylphthalate	12.05	149	506372	10.83	nq	# 94
74) Fluoranthene	12.69	202	427304	10.32	nq	95
76) Benzidine	12.82	184	250054	11.22	nq	97
77) Pyrene	12.92	202	461119	10.38	nq	96
79) Butylbenzylphthalate	13.55	149	232227	11.17	nq	96
80) Benzo(a)anthracene	14.12	228	444571	10.52	nq	96
81) 3,3'-Dichlorobenzidine	14.08	252	146904	9.66	nq	# 96
82) Chrysene	14.16	228	432131	10.98	nq	96
83) Bis(2-ethylhexyl)phthalate	14.11	149	341566	11.26	nq	# 98
84) Di-n-octyl phthalate	14.73	149	506108	10.77	nq	# 89
85) Indeno(1,2,3-cd)pyrene	17.07	276	314682	9.60	nq	96
87) Benzo(b)fluoranthene	15.17	252	378953	9.95	nq	98
88) Benzo(k)fluoranthene	15.17	252	378953	11.18	nq	# 95
89) Benzo(a)pyrene	15.54	252	337826	10.10	nq	97
90) Dibenzo(a,h)anthracene	17.09	278	278644	9.81	nq	96
91) Benzo(g,h,i)perylene	17.52	276	259335	9.87	nq	99

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

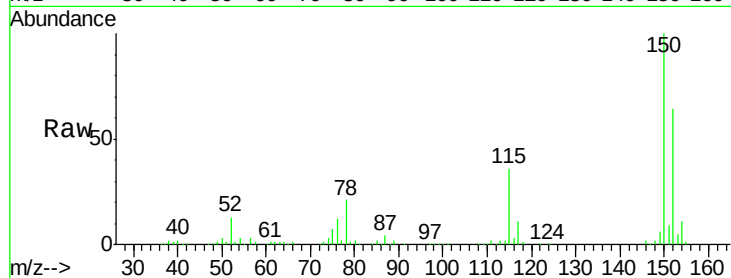


#1

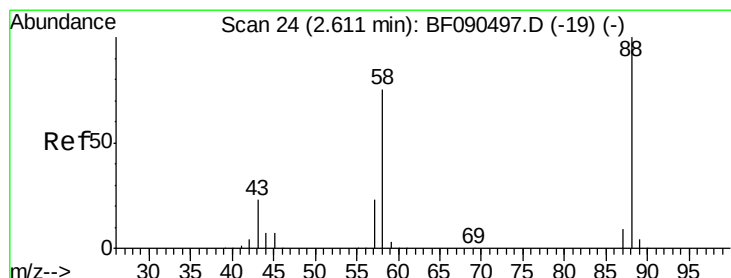
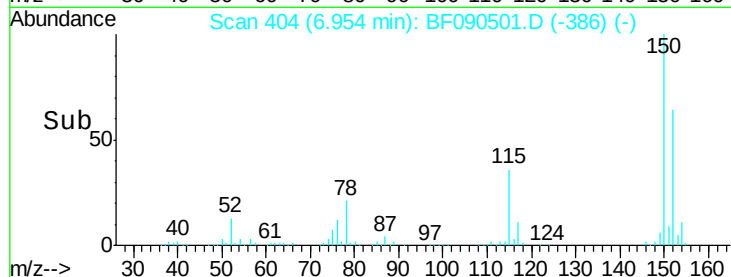
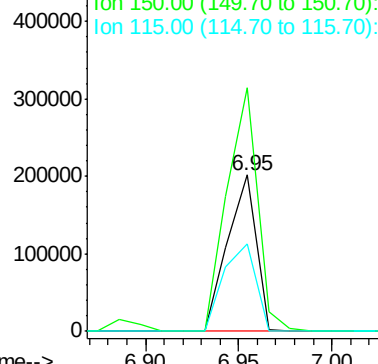
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090501.D
Acq: 11 Oct 2016 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 214147
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 56.1 46.2 69.4



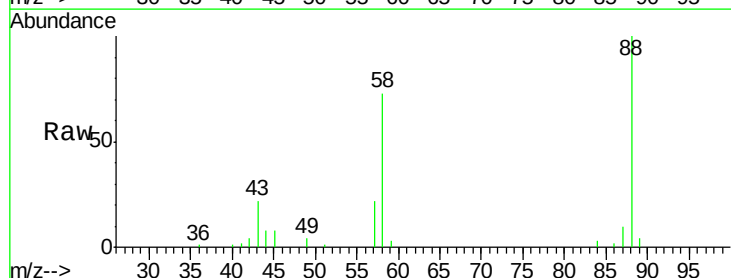
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



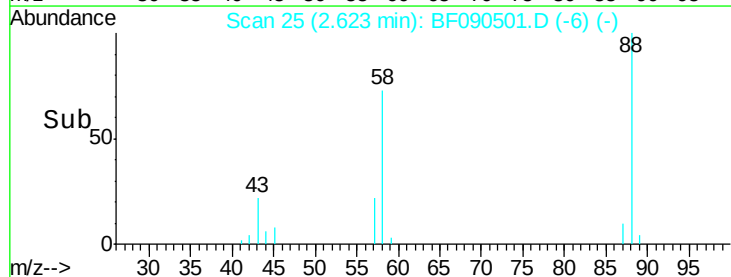
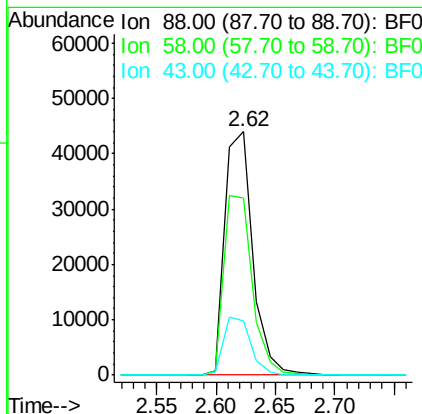
#2

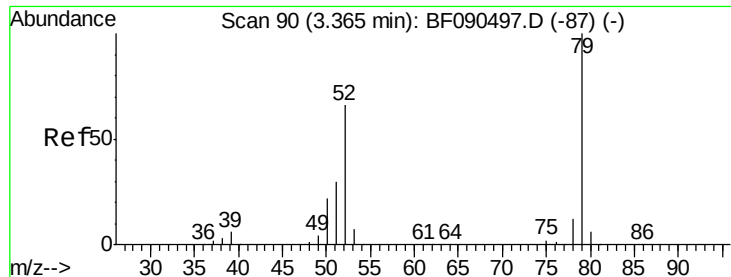
1,4-Dioxane
Concen: 10.66 ng
RT: 2.62 min Scan# 25
Delta R.T. 0.01 min
Lab File: BF090501.D
Acq: 11 Oct 2016 14:56

Tgt Ion: 88 Resp: 71949
Ion Ratio Lower Upper
88 100
58 74.4 71.2 106.8
43 22.9 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: 9.57 ng

RT: 3.38 min Scan# 91

Delta R.T. 0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Instrument :

BNA_F

ClientSampleId :

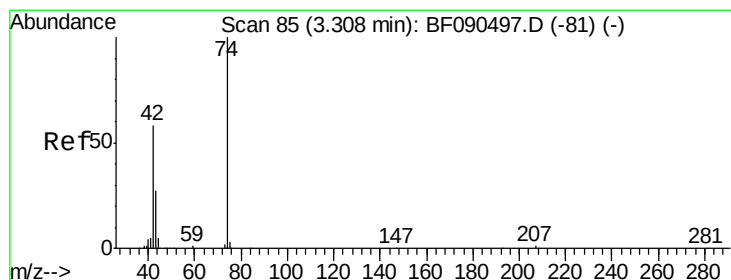
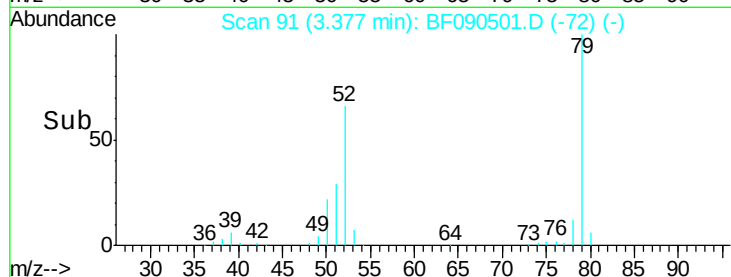
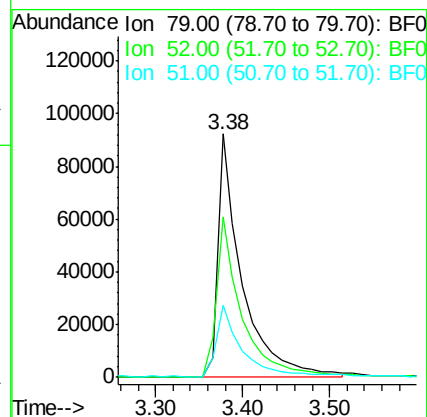
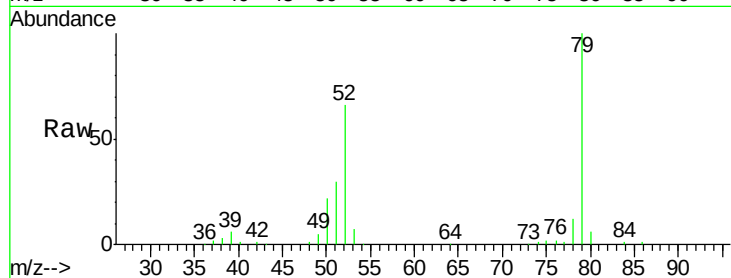
Tot Ion: 79 Resp: 178562

Ion Ratio Lower Upper

79 100

52 66.1 71.3 106.9#

51 29.6 34.5 51.7#



#4

n-Nitrosodimethylamine

Concen: 9.64 ng

RT: 3.30 min Scan# 84

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

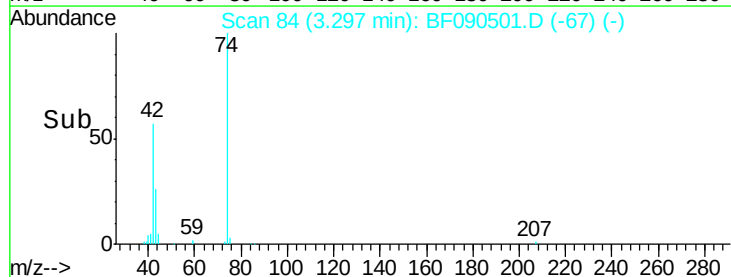
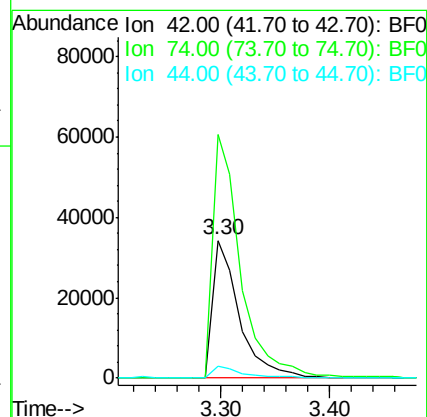
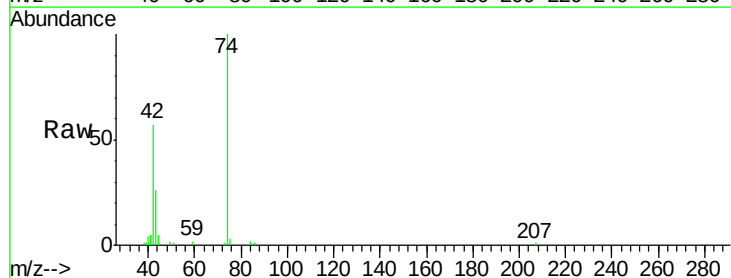
Tgt Ion: 42 Resp: 58960

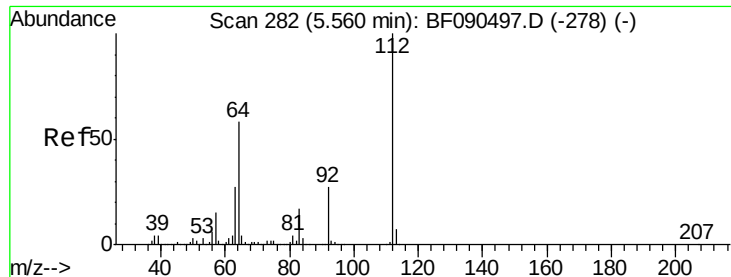
Ion Ratio Lower Upper

42 100

74 176.4 88.9 133.3#

44 9.0 6.5 9.7





#5

2-Fluorophenol

Concen: 21.72 ng

RT: 5.55 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Instrument :

BNA_F

ClientSampleId :

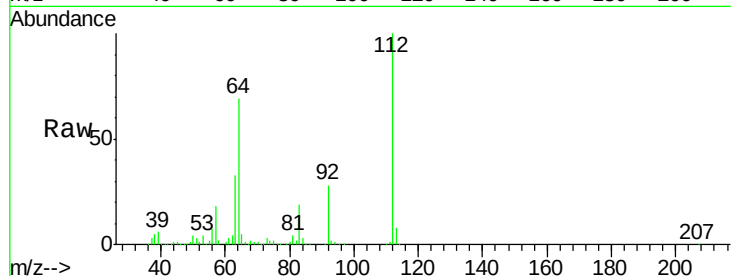
Tot Ion:112 Resp: 299000

Ion Ratio Lower Upper

112 100

64 68.8 57.9 86.9

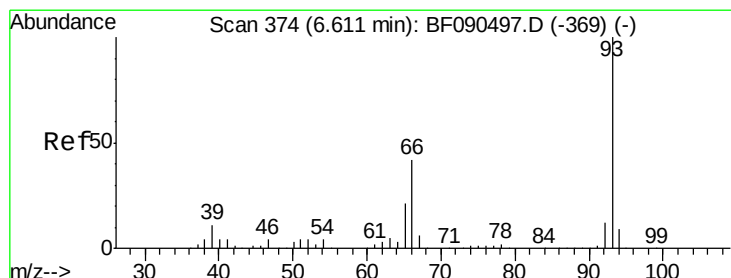
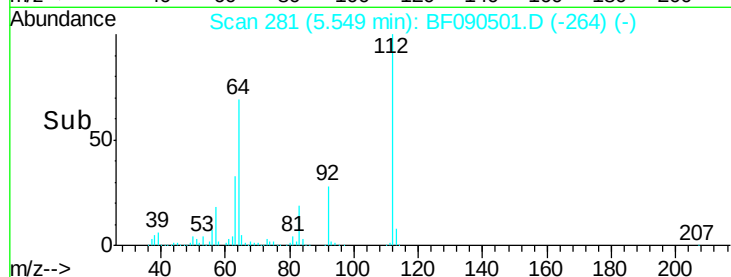
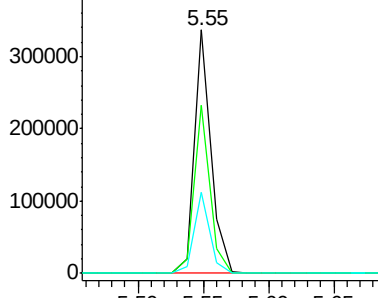
63 33.3 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.65 ng

RT: 6.60 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

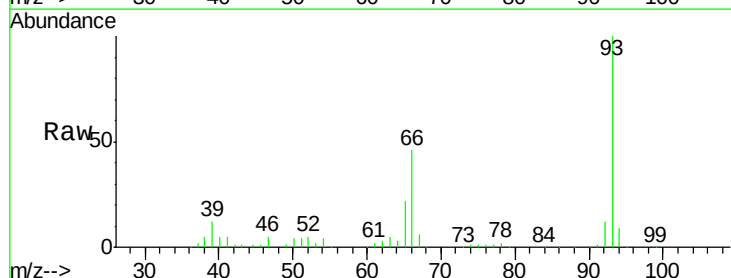
Tgt Ion: 93 Resp: 234610

Ion Ratio Lower Upper

93 100

66 46.0 34.5 51.7

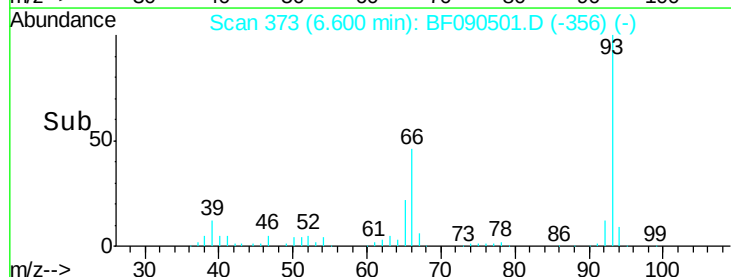
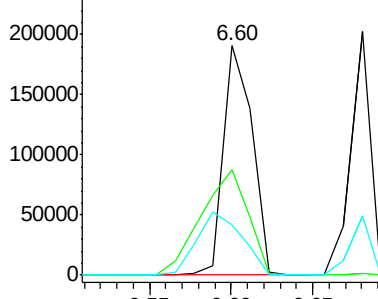
65 22.2 18.2 27.2

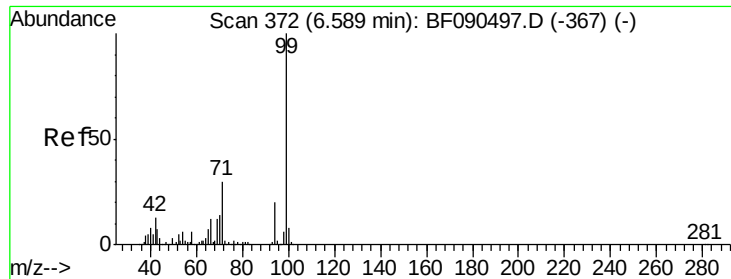


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 21.98 ng

RT: 6.58 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Instrument :

BNA_F

ClientSampleId :

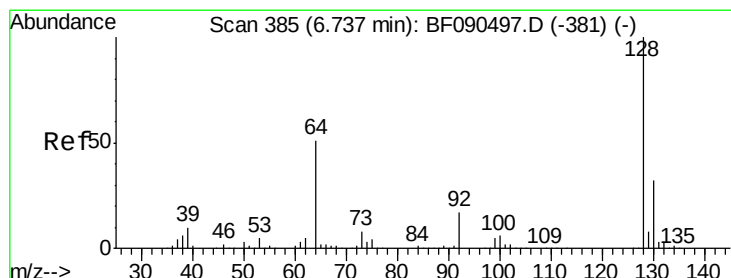
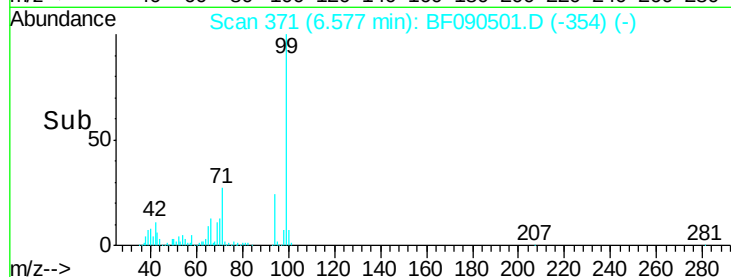
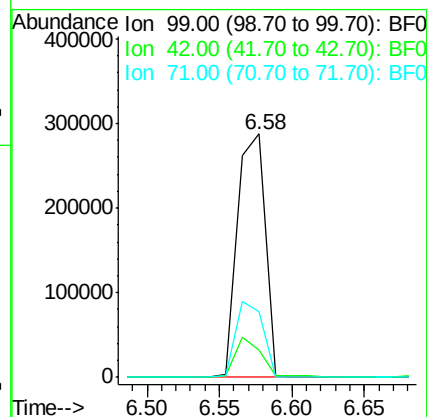
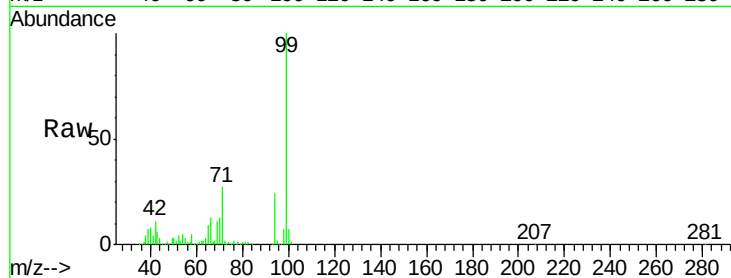
Tot Ion: 99 Resp: 381738

Ion Ratio Lower Upper

99 100

42 11.2 20.0 30.0#

71 26.7 27.9 41.9#



#8

2-Chlorophenol

Concen: 10.50 ng

RT: 6.73 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

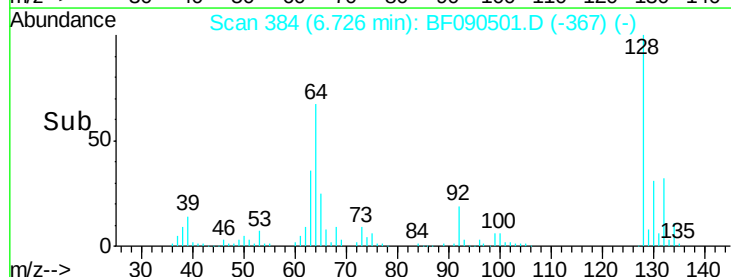
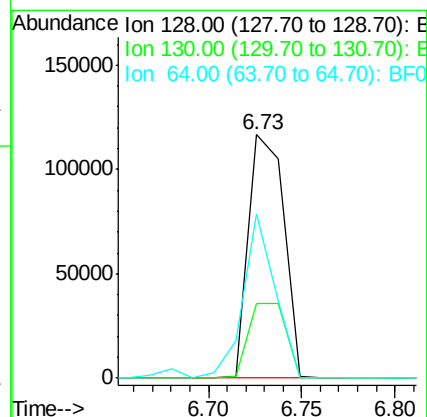
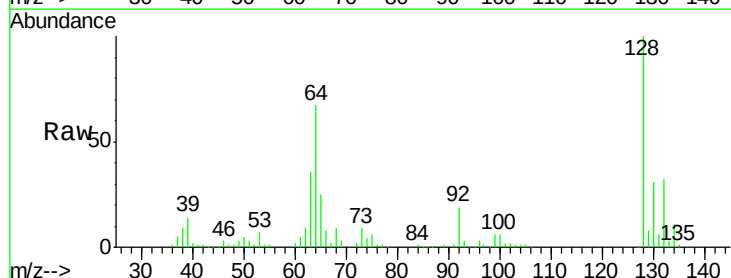
Tgt Ion: 128 Resp: 153791

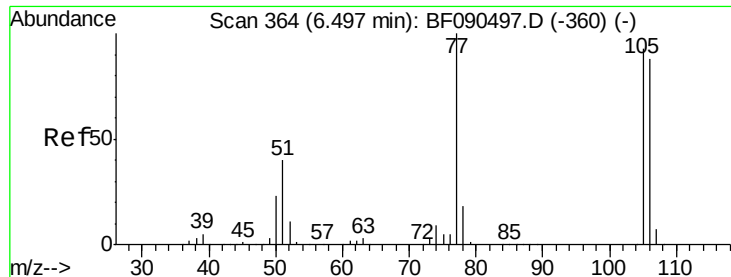
Ion Ratio Lower Upper

128 100

130 30.7 13.3 53.3

64 67.3 36.0 76.0





#9

Benzaldehyde

Concen: 11.08 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Instrument :

BNA_F

ClientSampled :

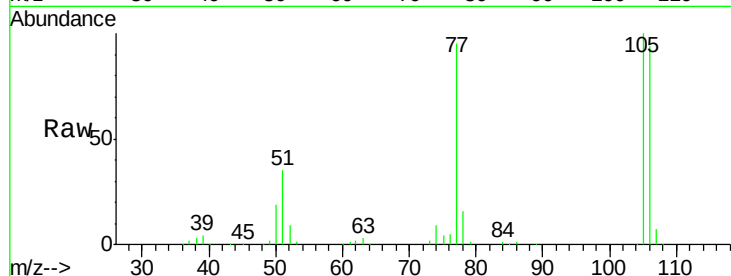
Tot Ion: 77 Resp: 121274

Ion Ratio Lower Upper

77 100

105 105.7 73.1 113.1

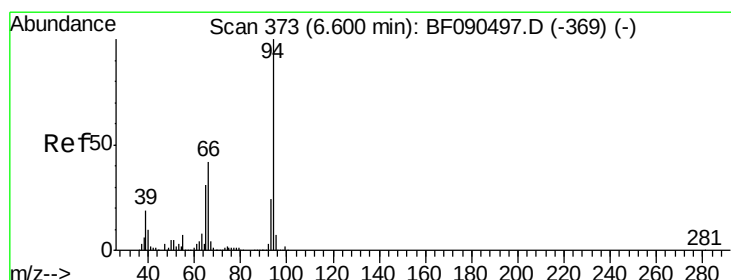
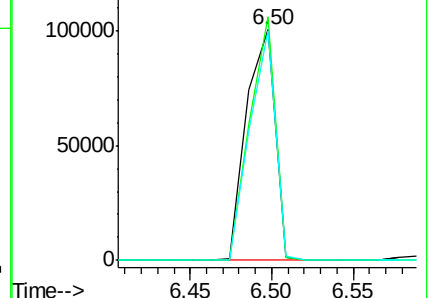
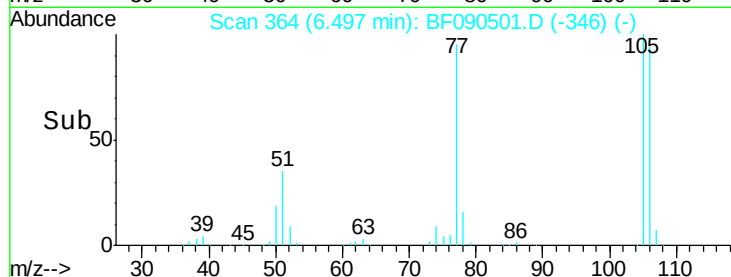
106 99.4 70.2 110.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 11.09 ng

RT: 6.59 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

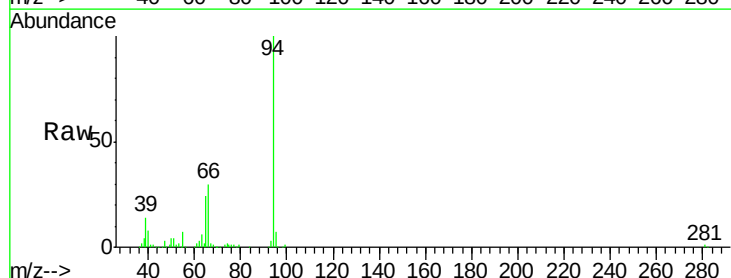
Tgt Ion: 94 Resp: 217376

Ion Ratio Lower Upper

94 100

65 24.1 13.3 53.3

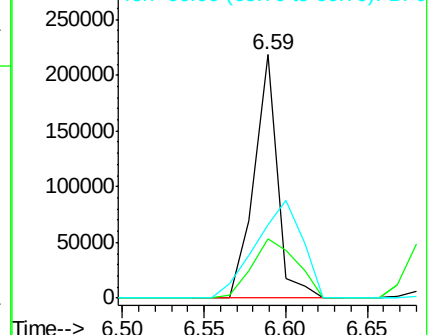
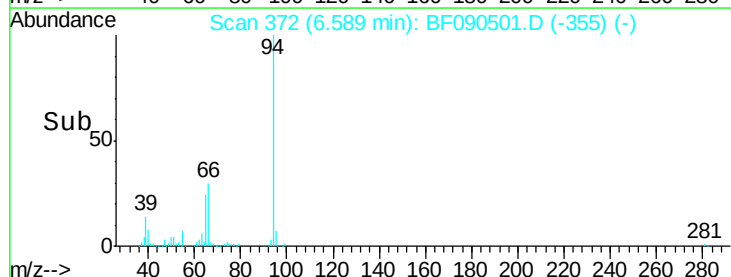
66 30.1 20.4 60.4

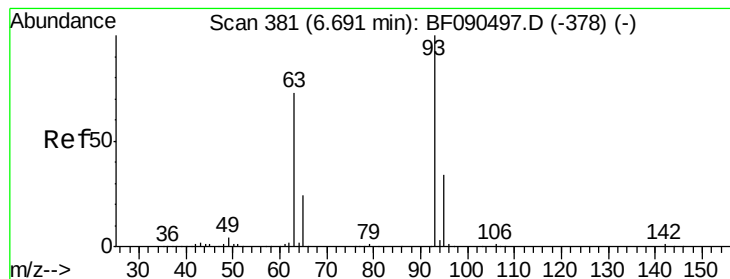


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 11.45 ng

RT: 6.68 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Instrument :

BNA_F

ClientSampled :

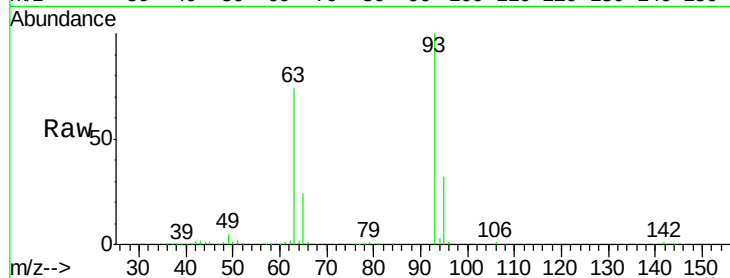
Tot Ion: 93 Resp: 167994

Ion Ratio Lower Upper

93 100

63 73.9 59.7 99.7

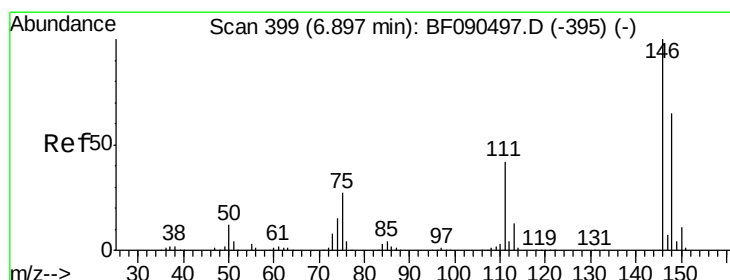
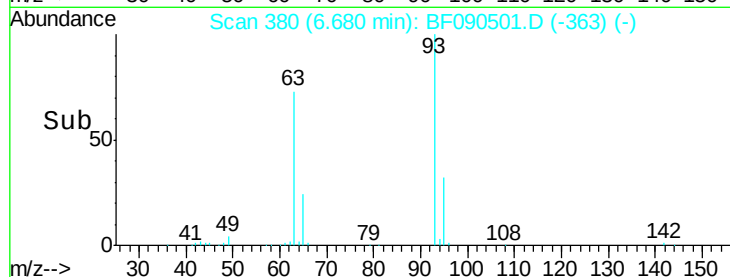
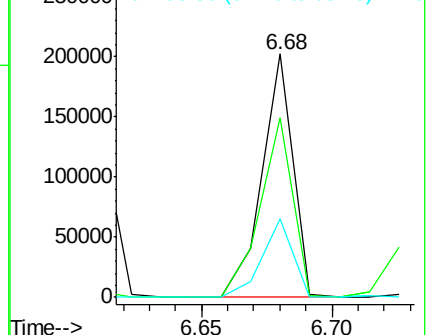
95 32.2 14.0 54.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 10.35 ng

RT: 6.89 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

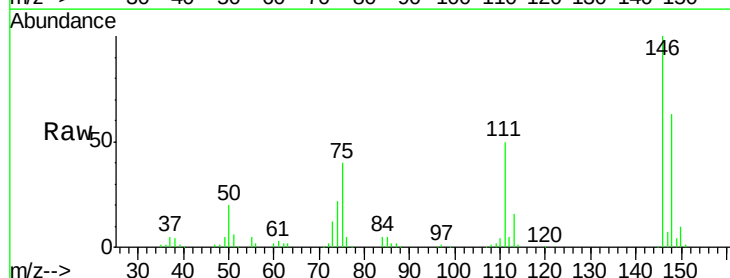
Tgt Ion: 146 Resp: 163500

Ion Ratio Lower Upper

146 100

148 62.6 52.2 78.4

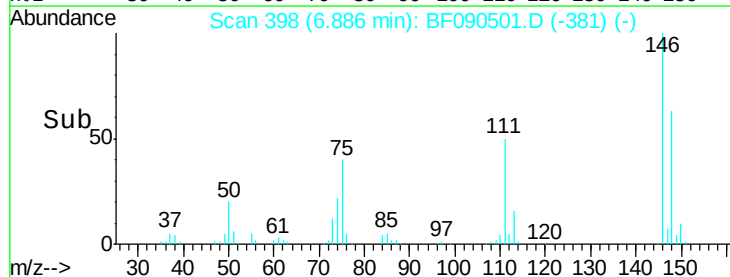
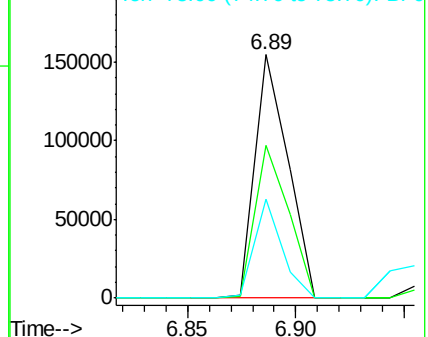
75 40.5 21.4 32.2#

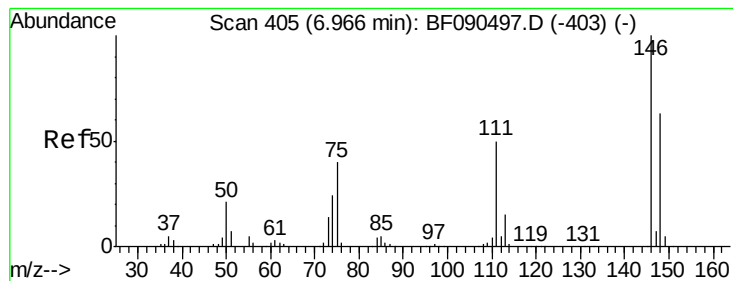


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 10.94 ng

RT: 6.97 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Instrument :

BNA_F

ClientSampled :

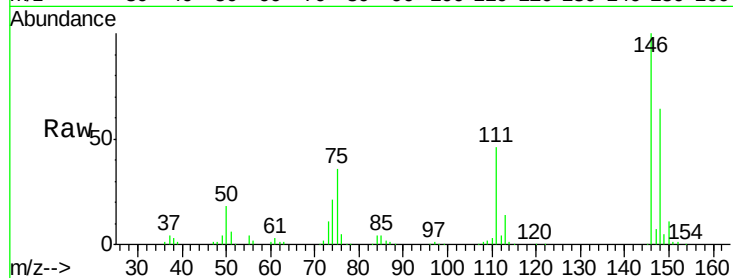
Tot Ion:146 Resp: 176302

Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

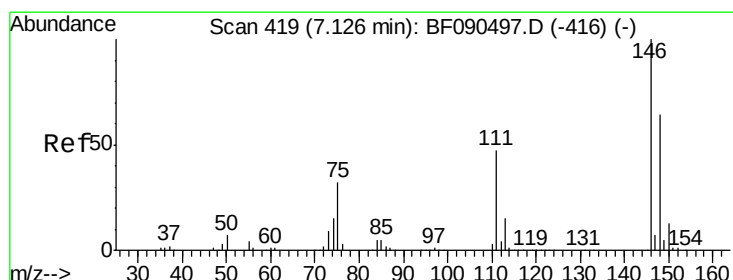
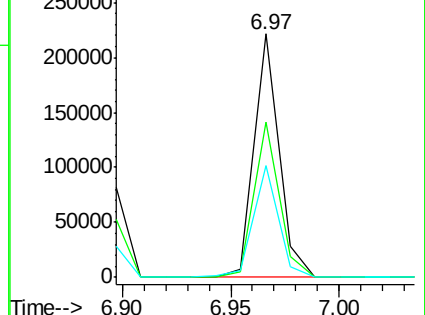
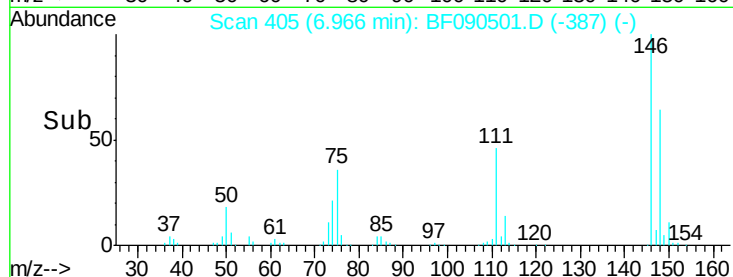
111 46.1 37.8 56.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 10.36 ng

RT: 7.13 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

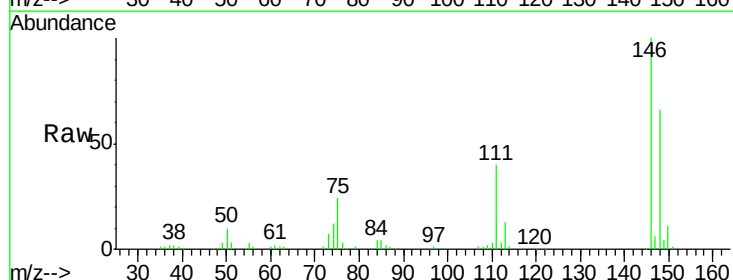
Tgt Ion:146 Resp: 151757

Ion Ratio Lower Upper

146 100

148 65.7 52.3 78.5

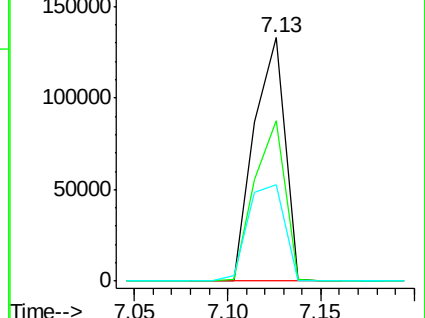
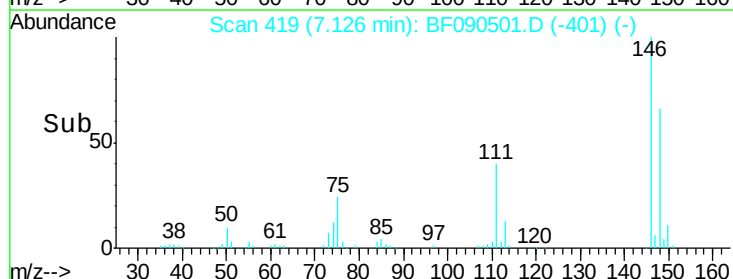
111 39.8 38.2 57.4

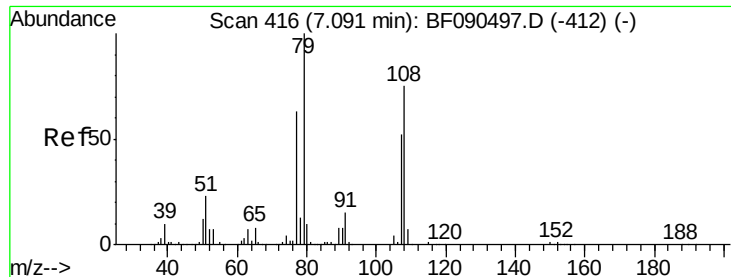


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 10.42 ng

RT: 7.08 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Instrument :

BNA_F

ClientSampleId :

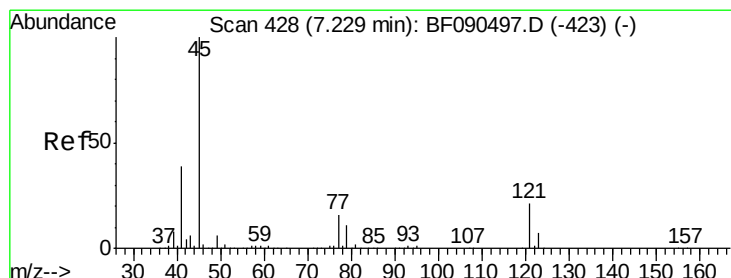
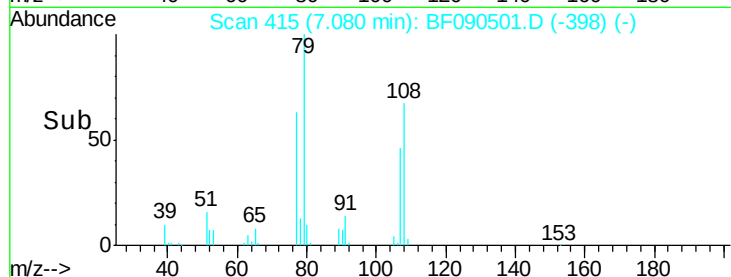
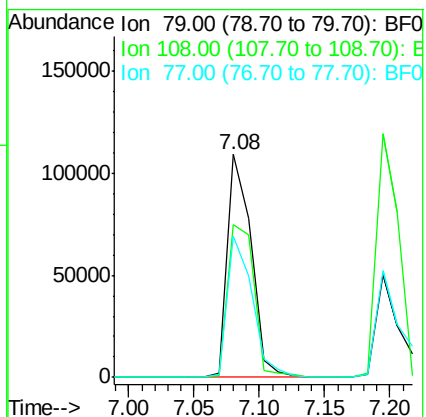
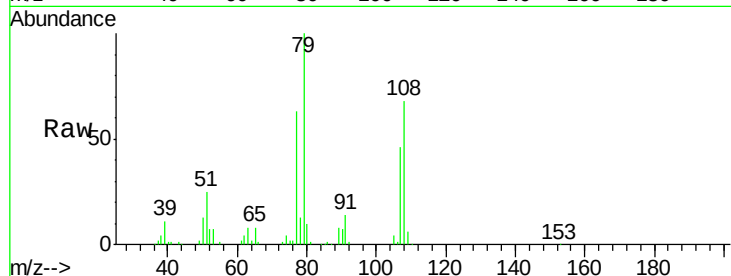
Tot Ion: 79 Resp: 138959

Ion Ratio Lower Upper

79 100

108 68.3 60.9 91.3

77 63.3 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.98 ng

RT: 7.23 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

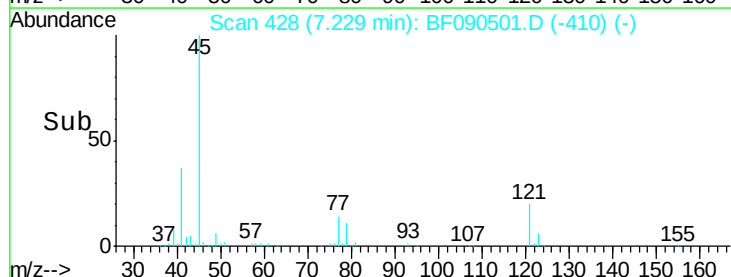
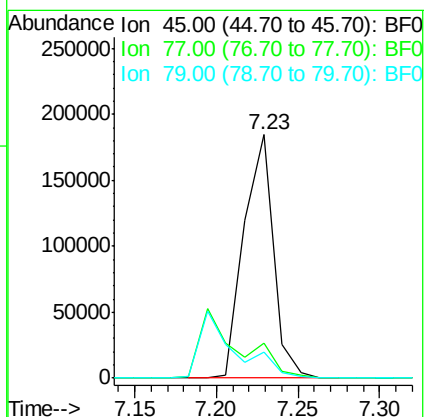
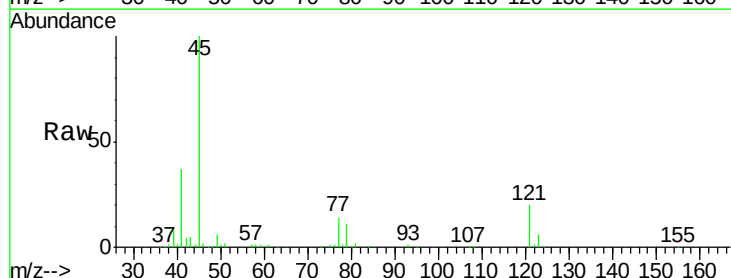
Tgt Ion: 45 Resp: 230853

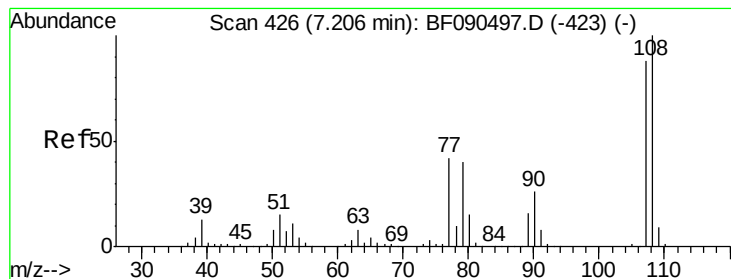
Ion Ratio Lower Upper

45 100

77 14.2 0.0 30.8

79 10.9 0.0 28.2

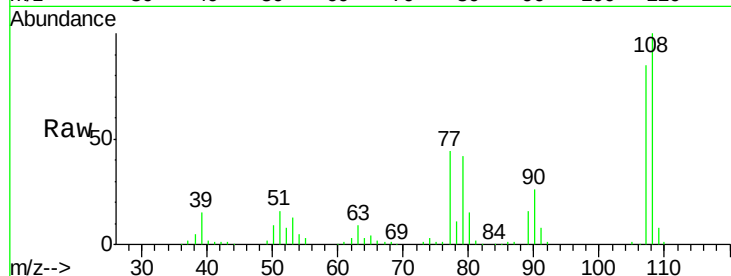




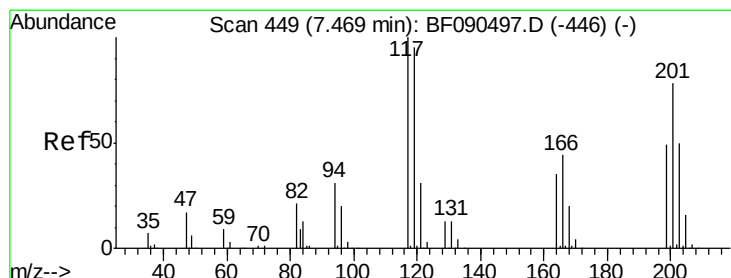
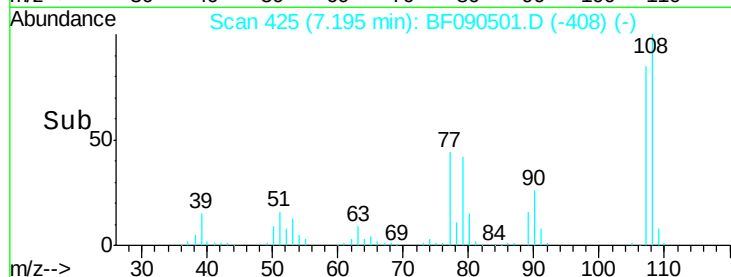
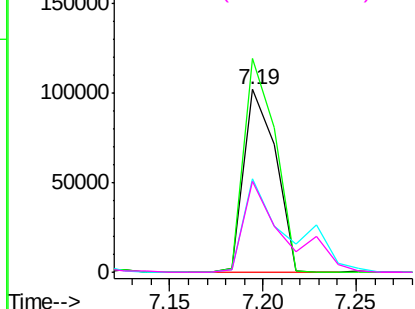
#17
2-Methylphenol
Concen: 10.17 ng
RT: 7.19 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF090501.D
Acq: 11 Oct 2016 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	121065
Ion	Ratio	Lower	Upper
107	100		
108	117.0	90.9	136.3
77	51.3	38.2	57.4
79	49.5	37.0	55.4

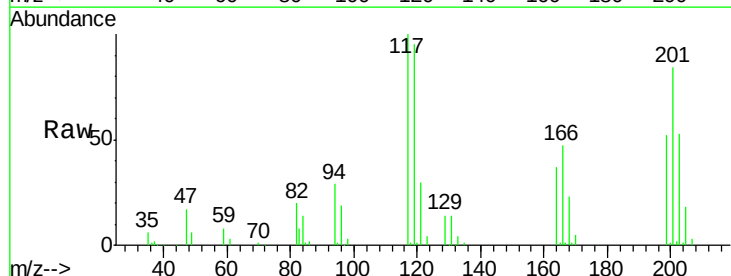


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

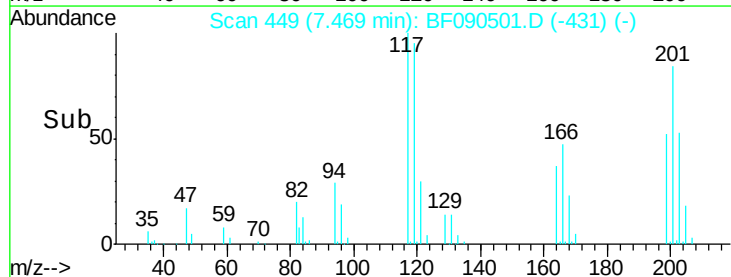
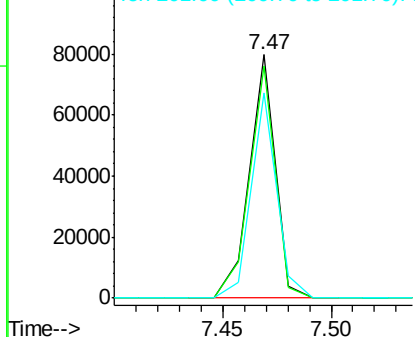


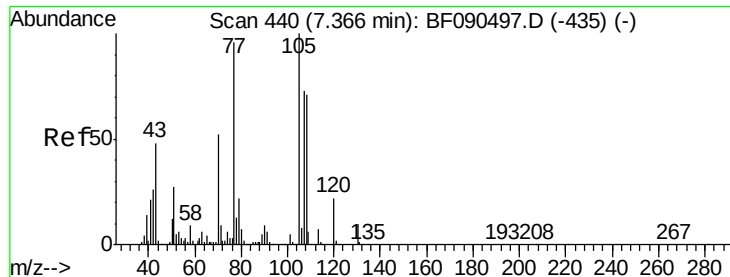
#18
Hexachloroethane
Concen: 11.07 ng
RT: 7.47 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF090501.D
Acq: 11 Oct 2016 14:56

Tgt Ion:	117	Resp:	65867
Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.9	113.9
201	84.3	66.5	99.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

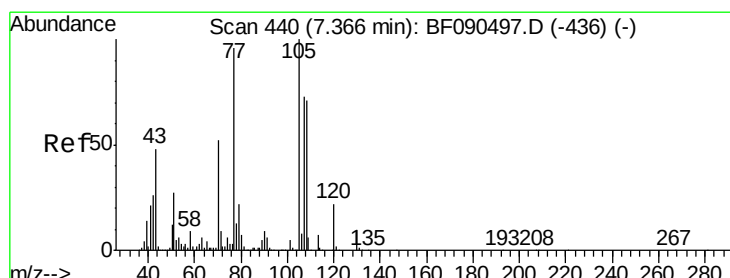
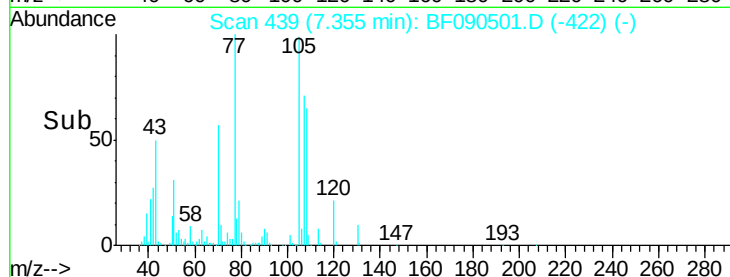
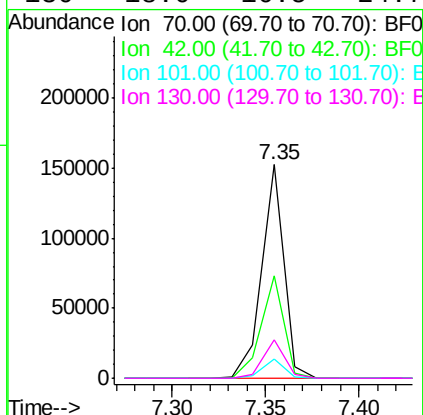
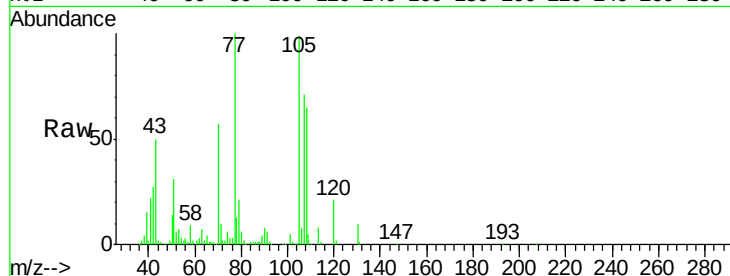




#19
n-Nitroso-di-n-propylamine
Concen: 11.50 ng
RT: 7.35 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF090501.D
Acq: 11 Oct 2016 14:56

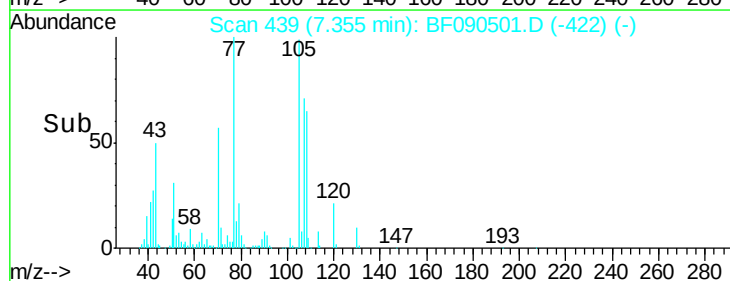
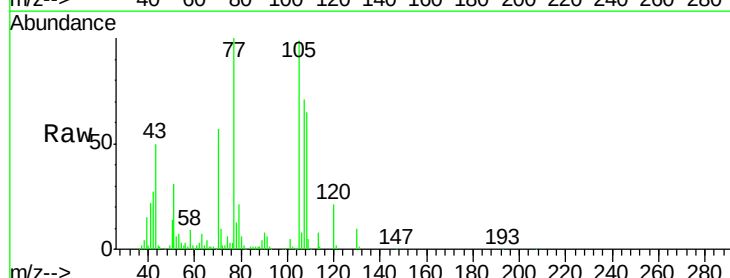
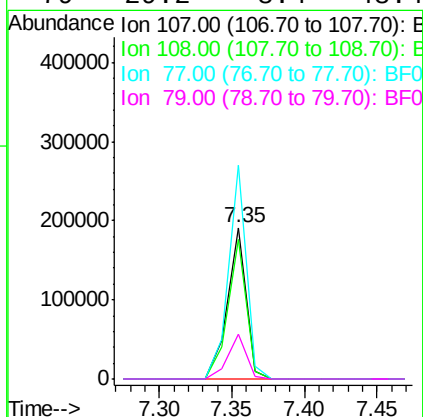
Instrument :
BNA_F
ClientSampleId :

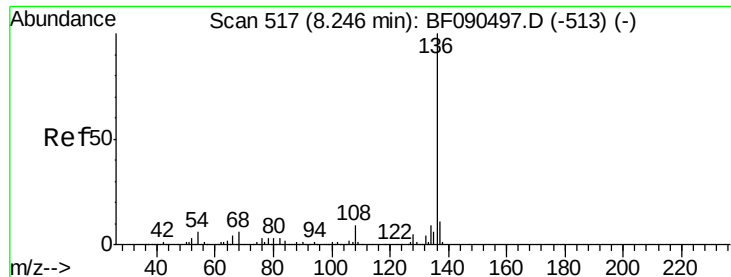
Tot Ion: 70 Resp: 127425
Ion Ratio Lower Upper
70 100
42 47.8 55.4 83.2#
101 8.8 7.6 11.4
130 18.0 16.5 24.7



#20
3+4-Methylphenols
Concen: 11.45 ng
RT: 7.35 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF090501.D
Acq: 11 Oct 2016 14:56

Tgt Ion: 107 Resp: 172713
Ion Ratio Lower Upper
107 100
108 92.0 66.7 106.7
77 140.8 53.7 93.7#
79 29.2 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 842113

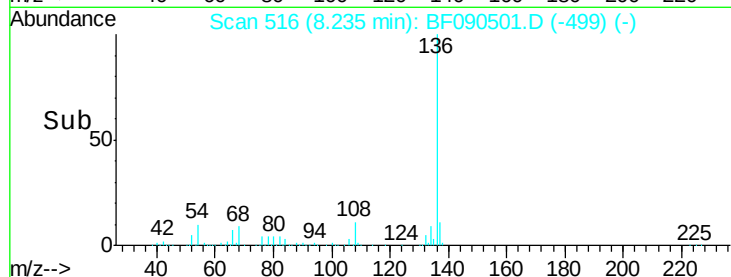
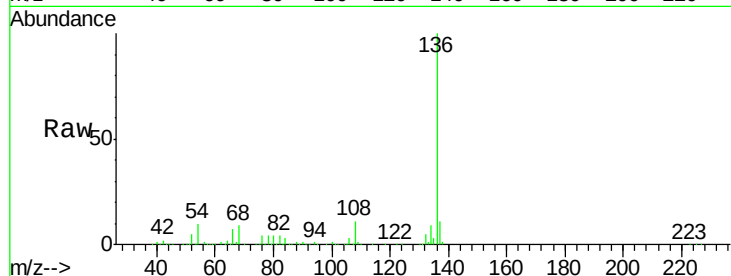
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 10.3 6.6 10.0#

68 9.0 5.0 7.6#

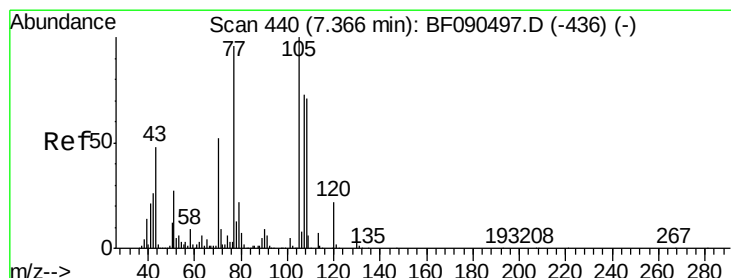
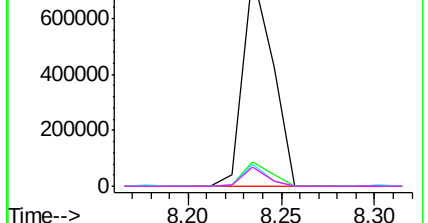


Abundance Ion 136.00 (135.70 to 136.70): E

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: 11.93 ng

RT: 7.35 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Tgt Ion:105 Resp: 221173

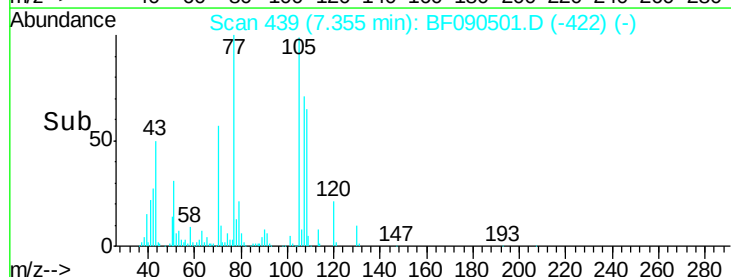
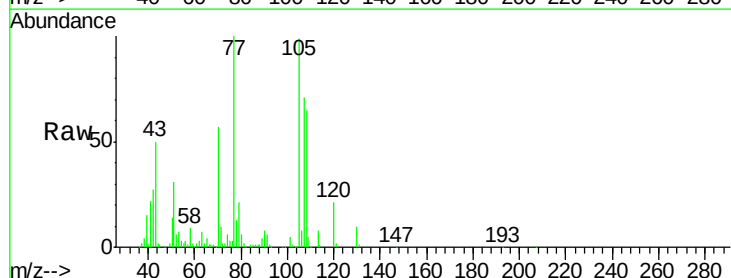
Ion Ratio Lower Upper

105 100

71 9.6 3.8 5.6#

51 30.9 28.2 42.4

120 21.3 17.4 26.2

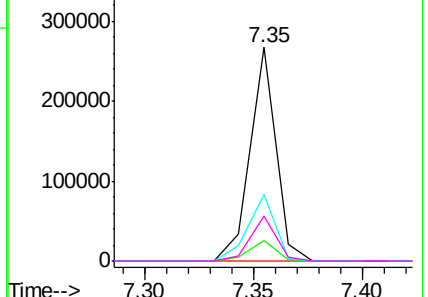


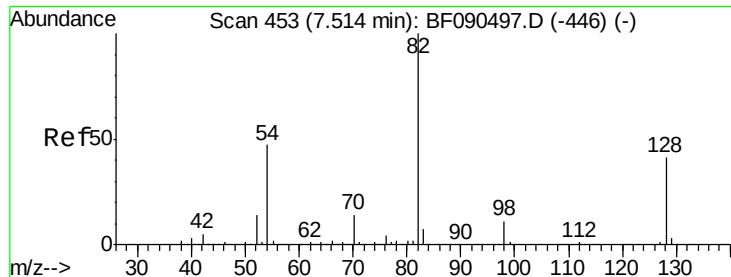
Abundance Ion 105.00 (104.70 to 105.70): E

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

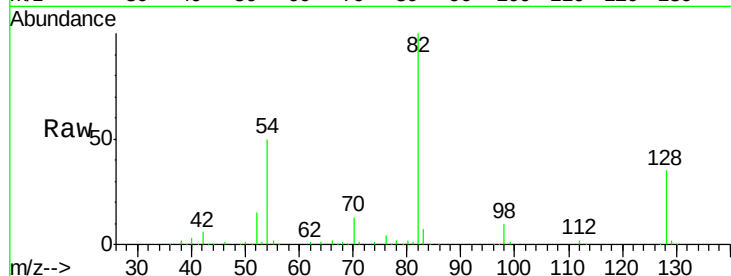




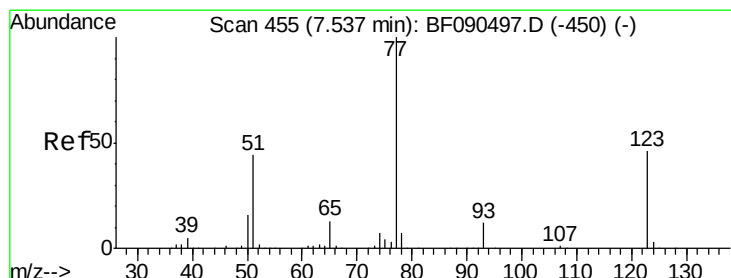
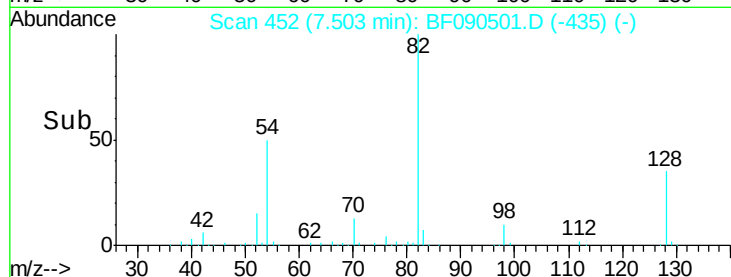
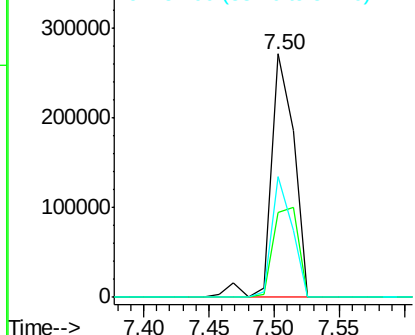
#23
 Nitrobenzene-d5
 Concen: 21.59 ng
 RT: 7.50 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF090501.D
 Acq: 11 Oct 2016 14:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 335268
 Ion Ratio Lower Upper
 82 100
 128 35.0 40.0 60.0#
 54 49.6 42.6 64.0

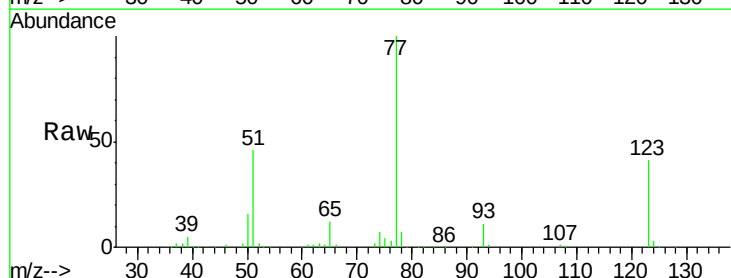


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

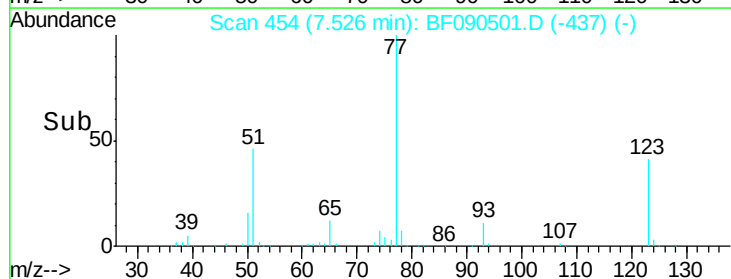
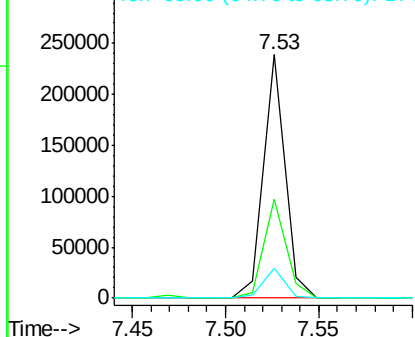


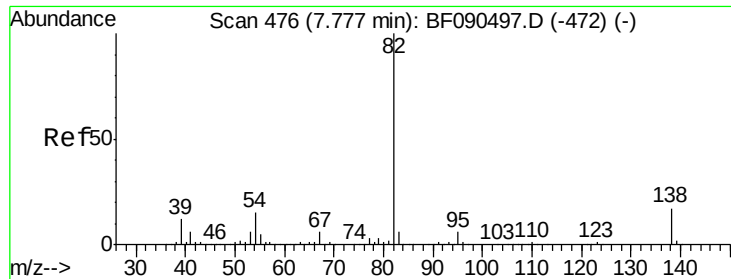
#24
 Nitrobenzene
 Concen: 11.39 ng
 RT: 7.53 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF090501.D
 Acq: 11 Oct 2016 14:56

Tgt Ion: 77 Resp: 189599
 Ion Ratio Lower Upper
 77 100
 123 40.7 33.0 49.4
 65 12.5 12.0 18.0



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





#25

Isophorone

Concen: 10.60 ng

RT: 7.77 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Instrument :
BNA_F
ClientSampleId :

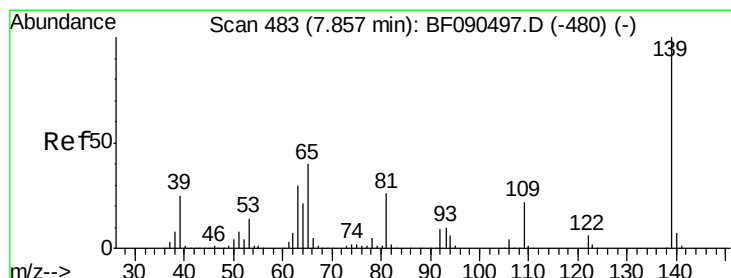
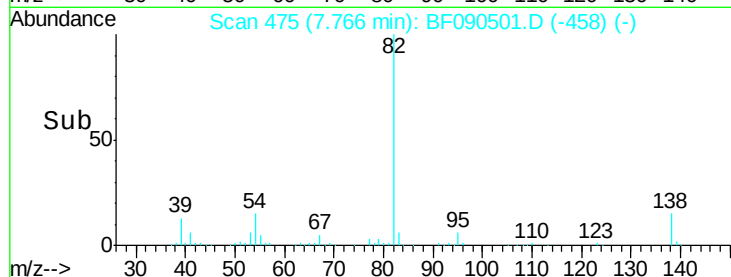
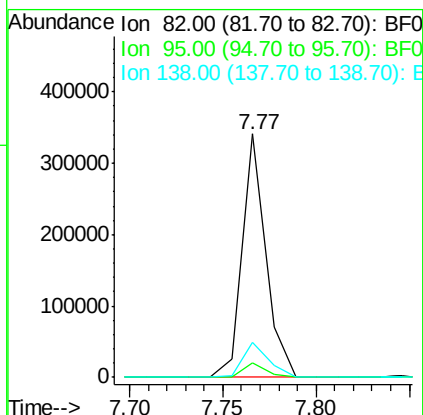
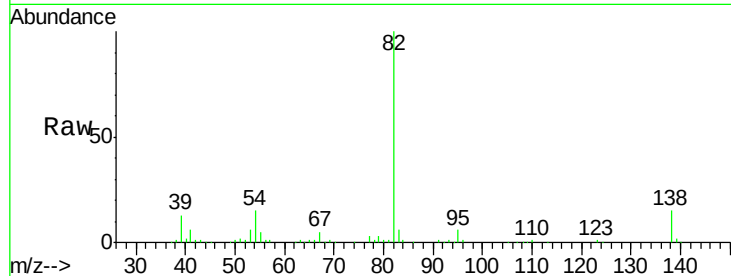
Tot Ion: 82 Resp: 299613

Ion Ratio Lower Upper

82 100

95 6.1 5.2 7.8

138 14.5 13.0 19.4



#26

2-Nitrophenol

Concen: 9.78 ng

RT: 7.85 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

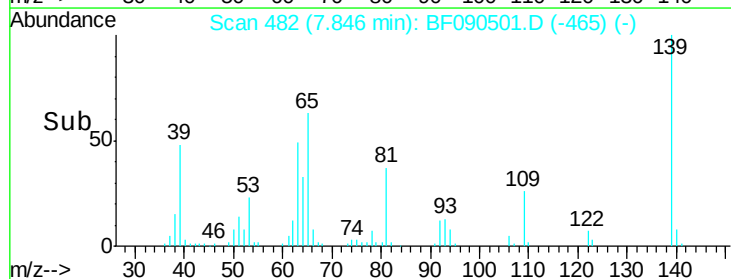
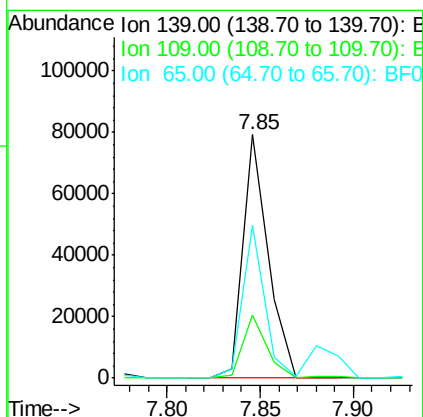
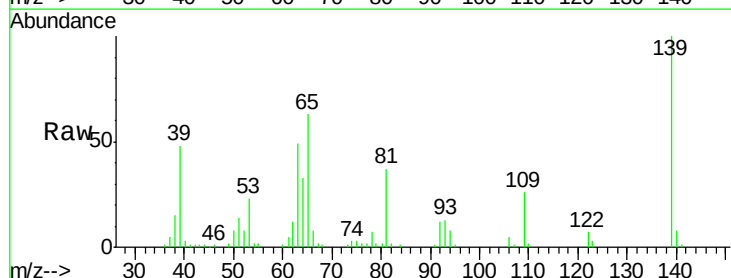
Tgt Ion: 139 Resp: 74288

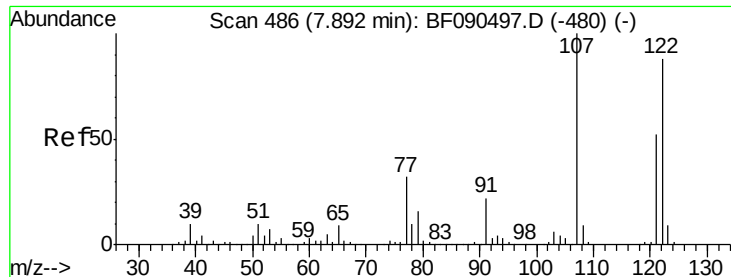
Ion Ratio Lower Upper

139 100

109 26.1 18.9 28.3

65 62.9 31.6 47.4#

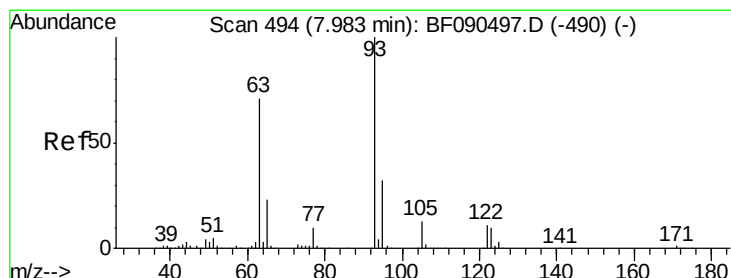
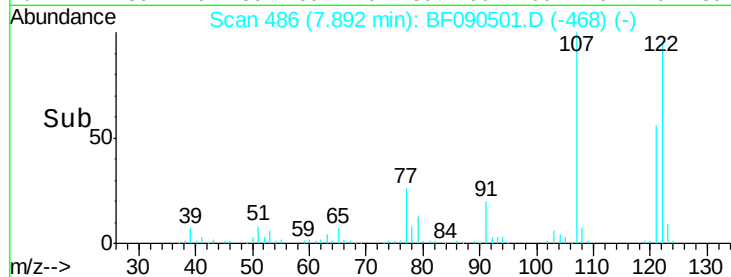
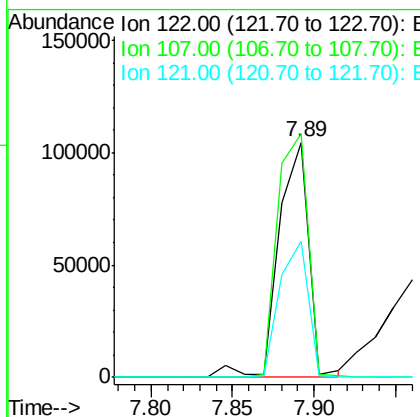
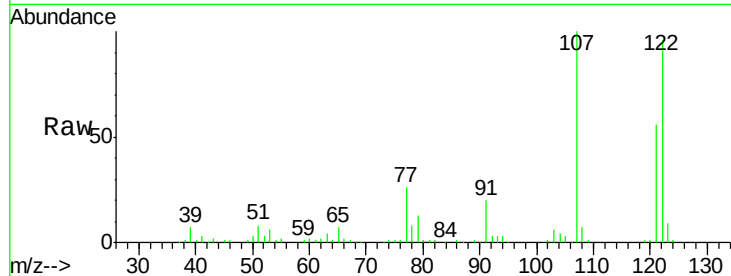




#27
 2,4-Dimethylphenol
 Concen: 10.34 ng
 RT: 7.89 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF090501.D
 Acq: 11 Oct 2016 14:56

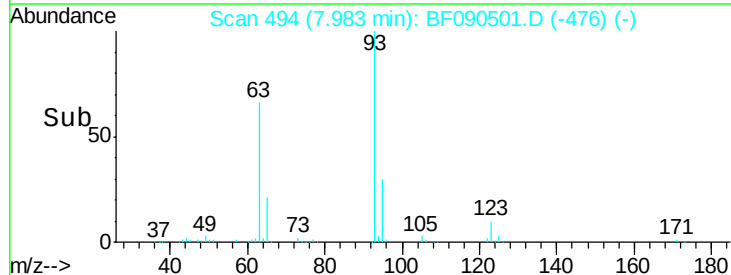
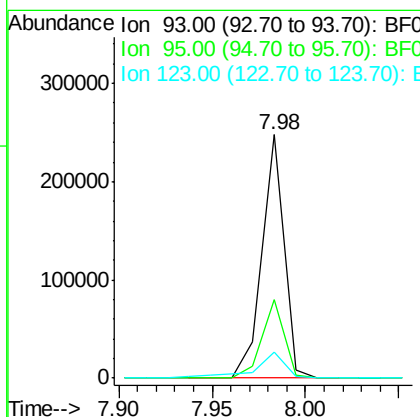
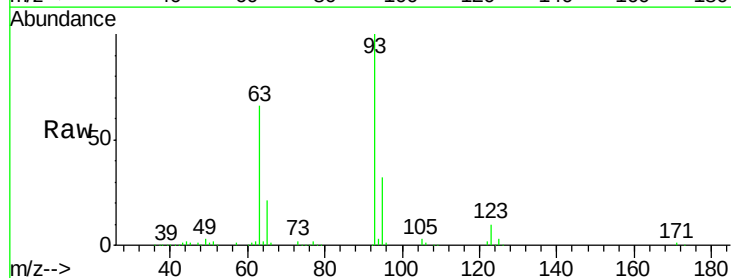
Instrument :
 BNA_F
 ClientSampleID :

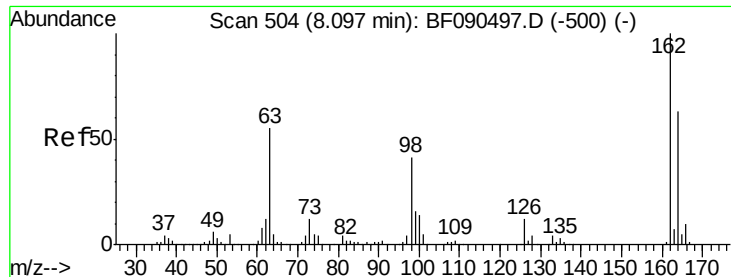
Tot Ion:122 Resp: 133568
 Ion Ratio Lower Upper
 122 100
 107 103.6 88.6 132.8
 121 57.7 47.5 71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 11.52 ng
 RT: 7.98 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF090501.D
 Acq: 11 Oct 2016 14:56

Tgt Ion: 93 Resp: 201016
 Ion Ratio Lower Upper
 93 100
 95 32.3 27.0 40.4
 123 10.4 11.1 16.7#

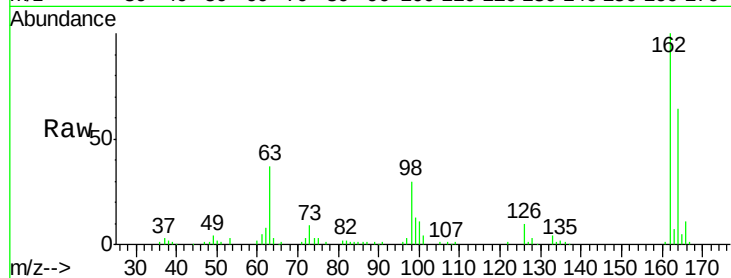




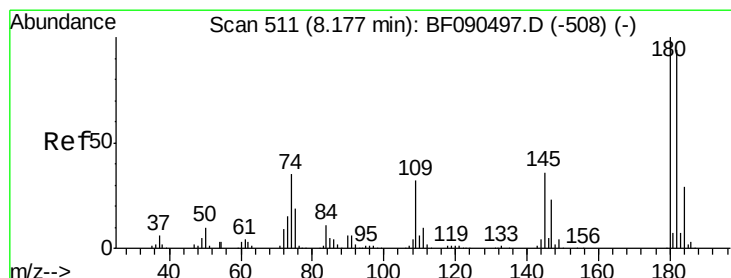
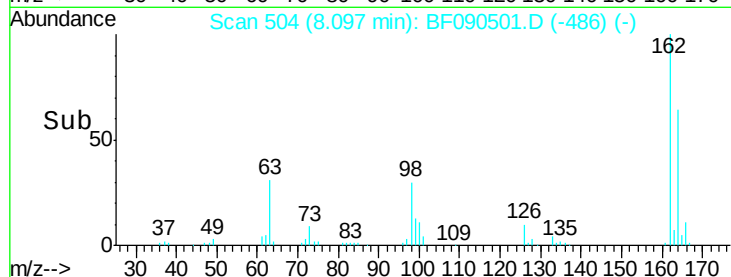
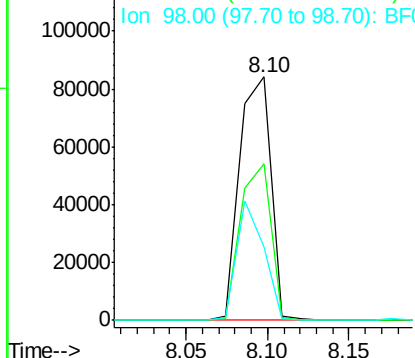
#29
 2,4-Dichlorophenol
 Concen: 10.30 ng
 RT: 8.10 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF090501.D
 Acq: 11 Oct 2016 14:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 111283
 Ion Ratio Lower Upper
 162 100
 164 64.2 45.7 85.7
 98 30.0 13.3 53.3

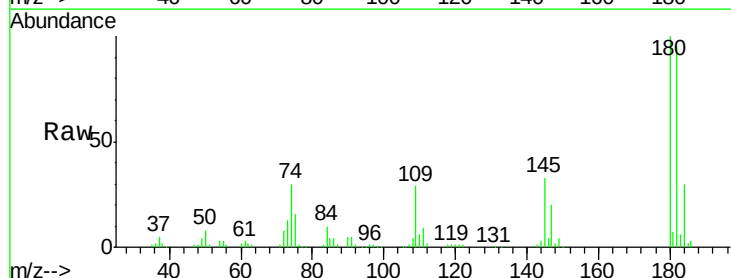


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

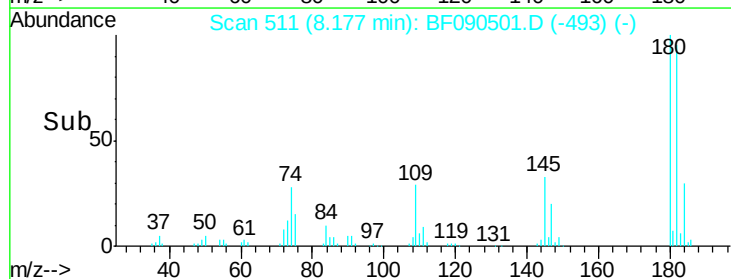
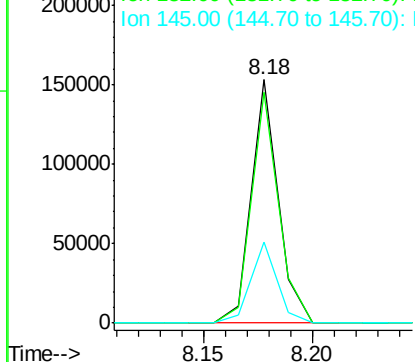


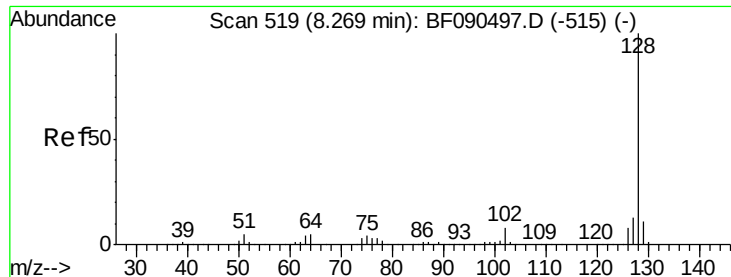
#30
 1,2,4-Trichlorobenzene
 Concen: 10.60 ng
 RT: 8.18 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF090501.D
 Acq: 11 Oct 2016 14:56

Tgt Ion:180 Resp: 131525
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.3 112.9
 145 33.3 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: 10.86 ng

RT: 8.26 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Instrument :

BNA_F

ClientSampleId :

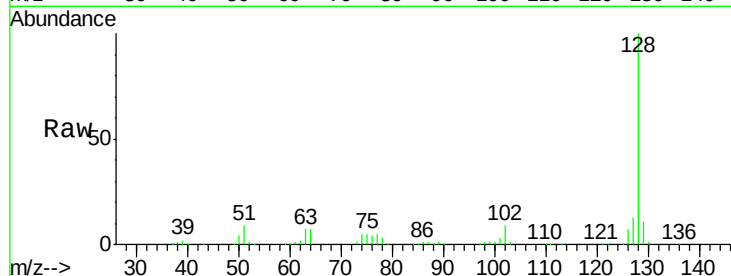
Tot Ion:128 Resp: 455453

Ion Ratio Lower Upper

128 100

129 11.3 9.7 14.5

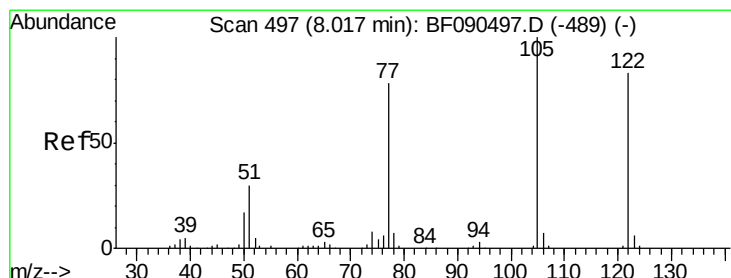
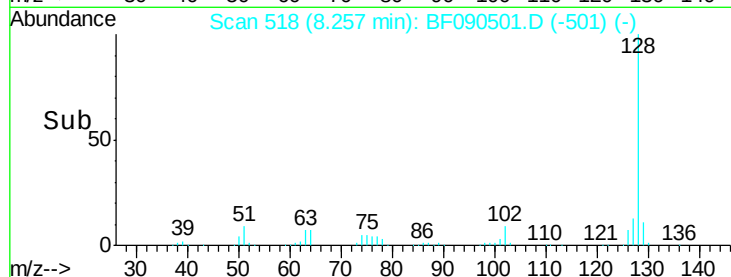
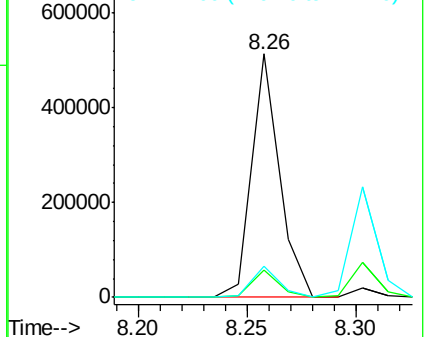
127 12.8 11.7 17.5



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: 10.10 ng

RT: 7.96 min Scan# 492

Delta R.T. -0.06 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

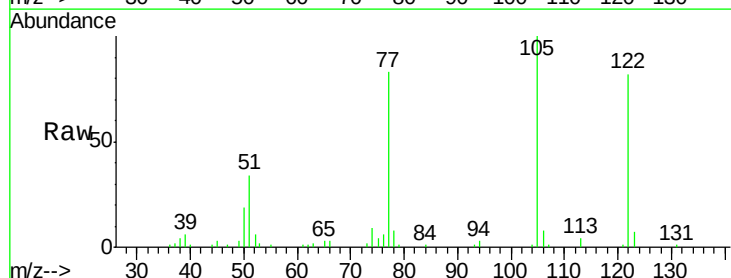
Tgt Ion:122 Resp: 102946

Ion Ratio Lower Upper

122 100

105 122.7 103.9 143.9

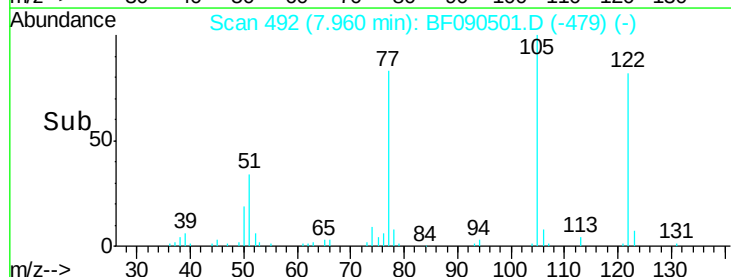
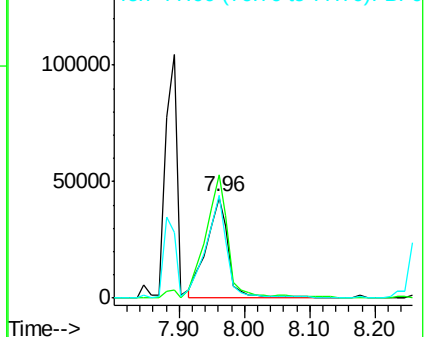
77 102.1 74.6 114.6

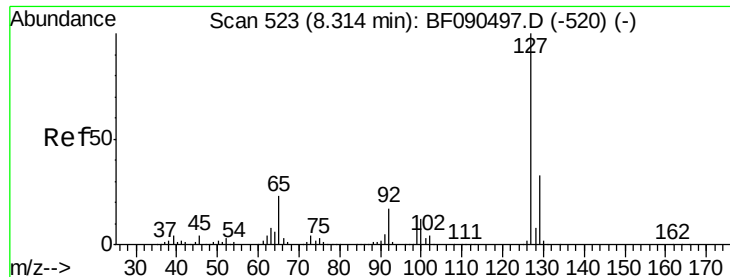


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

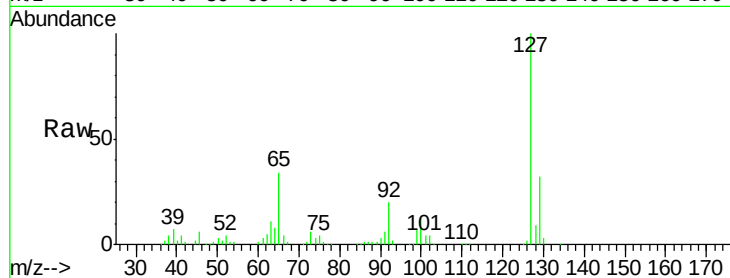




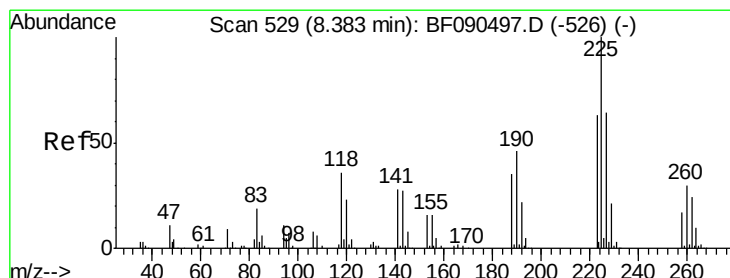
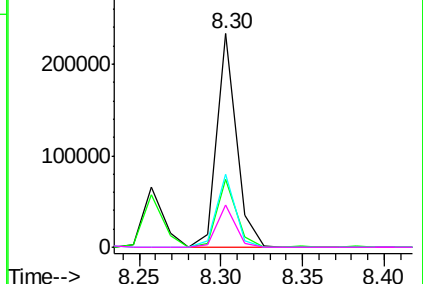
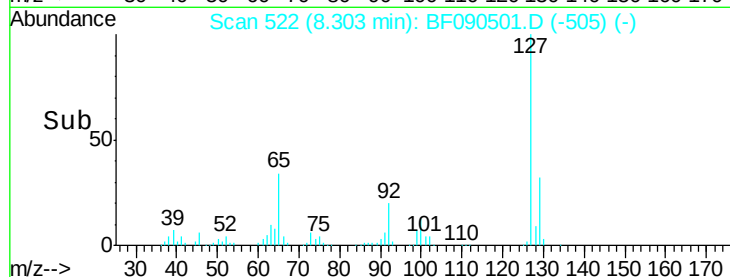
#33
4-Chloroaniline
Concen: 10.98 ng
RT: 8.30 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF090501.D
Acq: 11 Oct 2016 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	194983
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.2	39.4
65	34.0	32.5	48.7
92	19.9	17.2	25.8

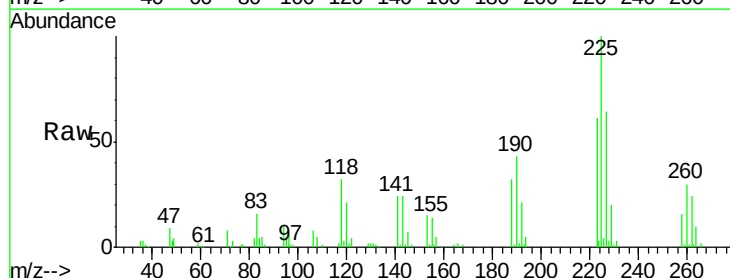


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

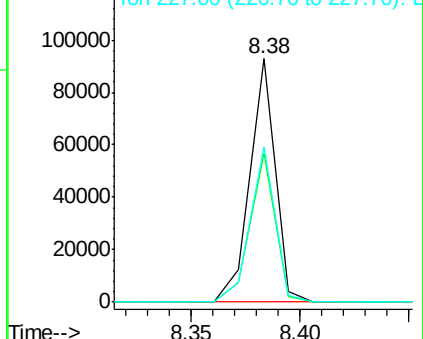
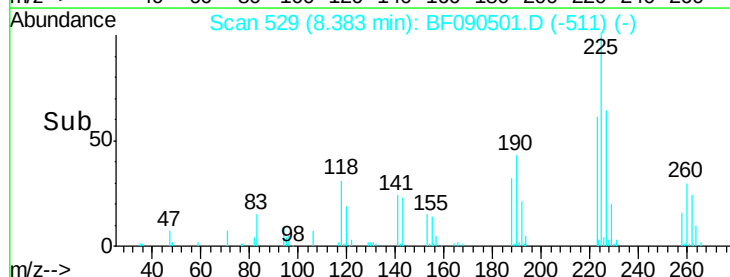


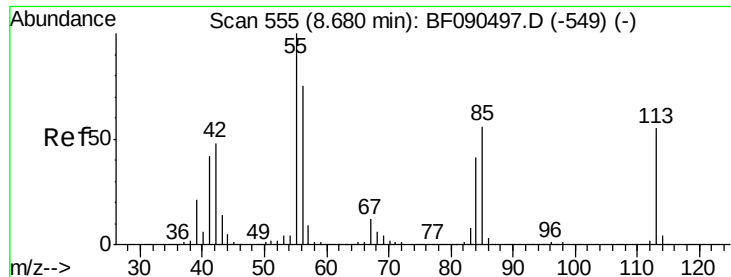
#34
Hexachlorobutadiene
Concen: 10.81 ng
RT: 8.38 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF090501.D
Acq: 11 Oct 2016 14:56

Tgt Ion:	225	Resp:	75000
Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.0	76.4
227	63.8	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

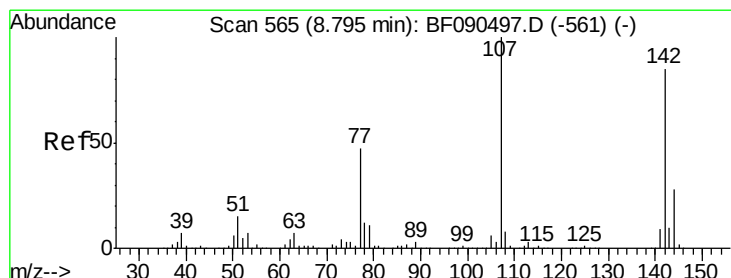
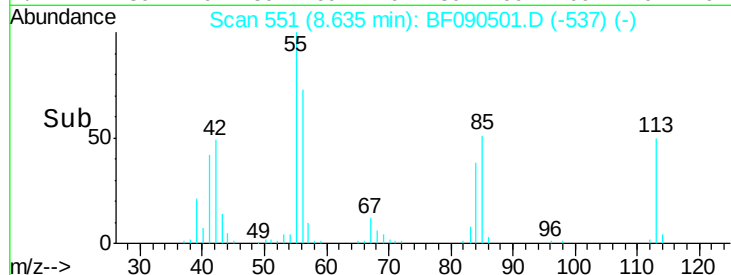
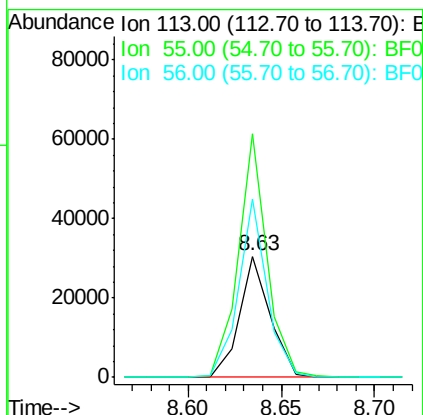
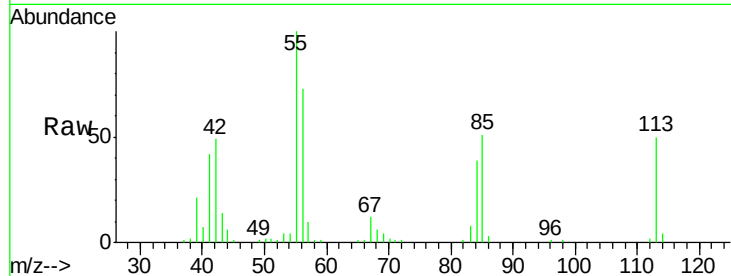




#35
 Caprolactam
 Concen: 9.95 ng
 RT: 8.63 min Scan# 551
 Delta R.T. -0.05 min
 Lab File: BF090501.D
 Acq: 11 Oct 2016 14:56

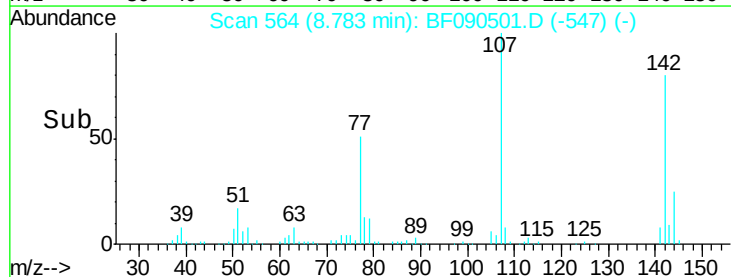
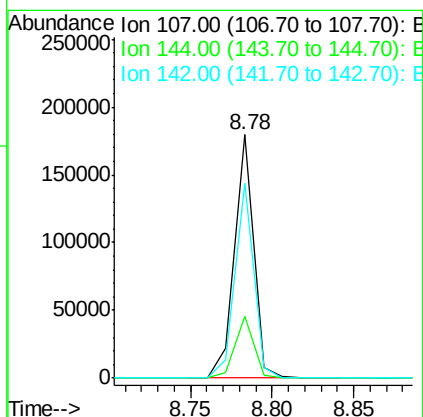
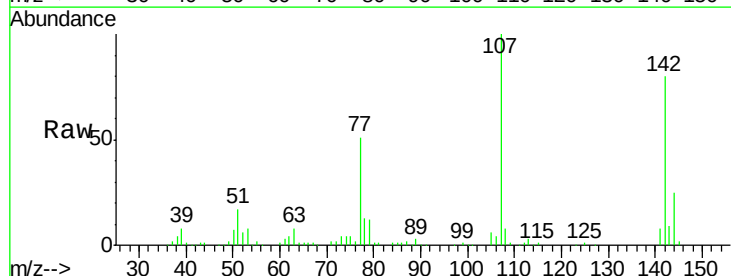
Instrument :
 BNA_F
 ClientSampleId :

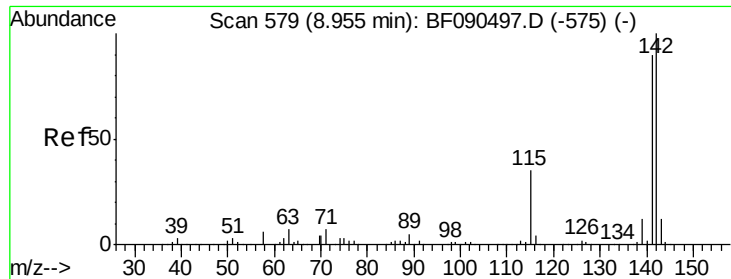
Tot Ion:113 Resp: 34860
 Ion Ratio Lower Upper
 113 100
 55 201.1 203.3 243.3#
 56 147.2 140.5 180.5



#36
 4-Chloro-3-methylphenol
 Concen: 11.45 ng
 RT: 8.78 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF090501.D
 Acq: 11 Oct 2016 14:56

Tgt Ion:107 Resp: 144422
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.8 29.8
 142 80.2 60.7 91.1

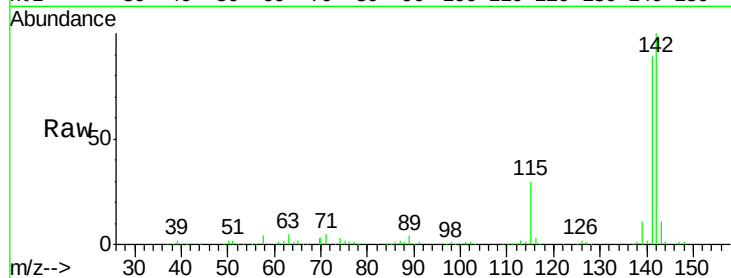




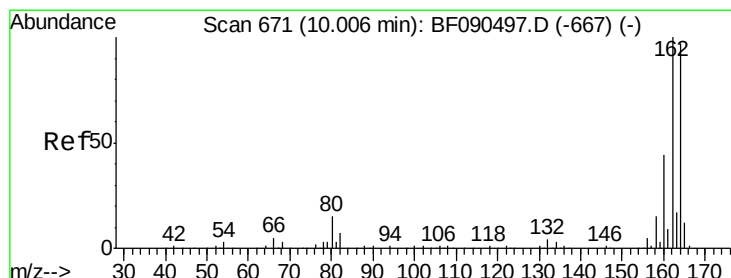
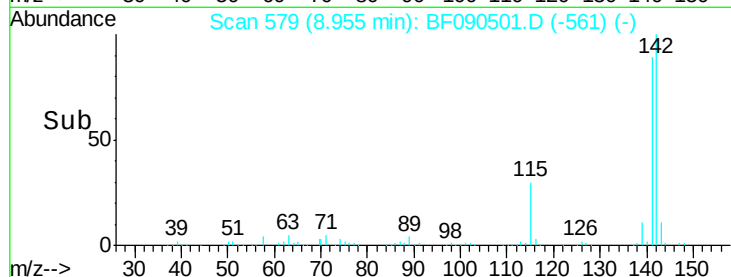
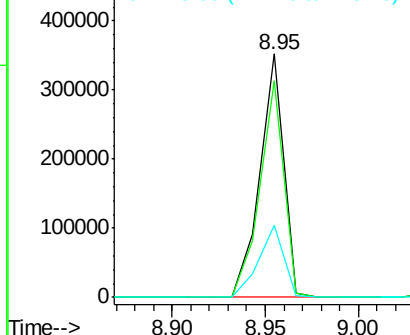
#37
 2-Methylnaphthalene
 Concen: 11.74 ng
 RT: 8.95 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF090501.D
 Acq: 11 Oct 2016 14:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 310044
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.8 107.8
 115 29.7 28.8 43.2

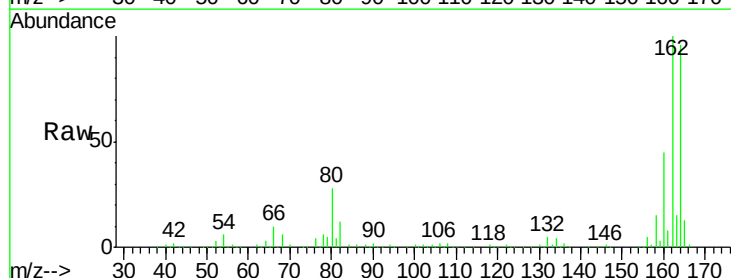


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

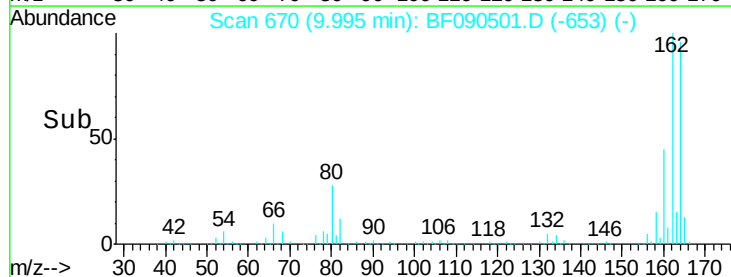
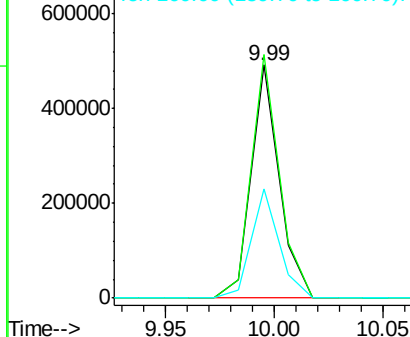


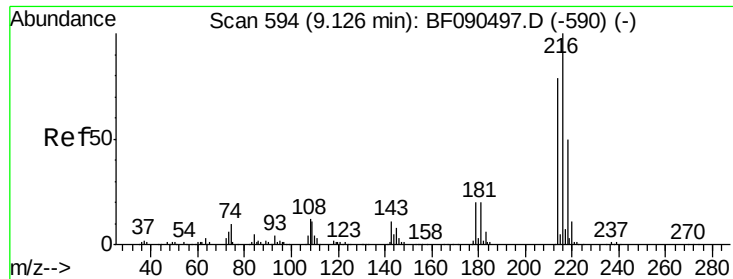
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF090501.D
 Acq: 11 Oct 2016 14:56

Tgt Ion:164 Resp: 440497
 Ion Ratio Lower Upper
 164 100
 162 104.5 80.1 120.1
 160 46.7 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

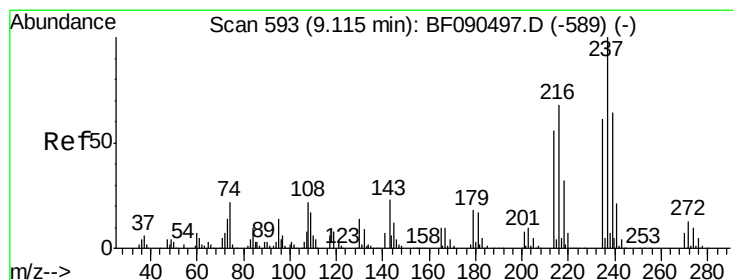
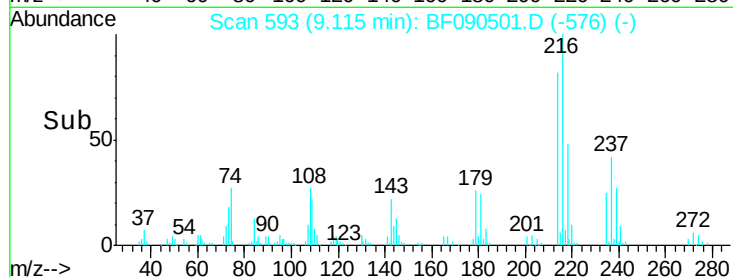
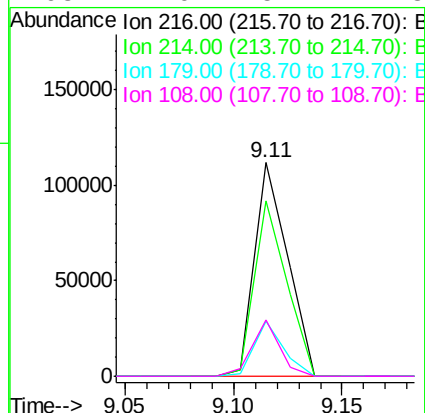
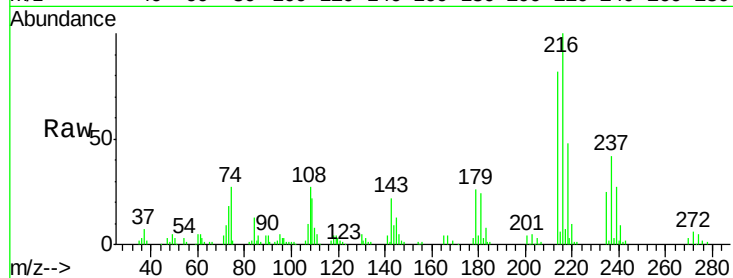




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.58 ng
 RT: 9.11 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF090501.D
 Acq: 11 Oct 2016 14:56

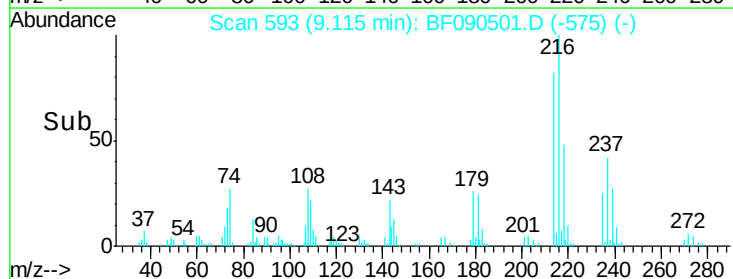
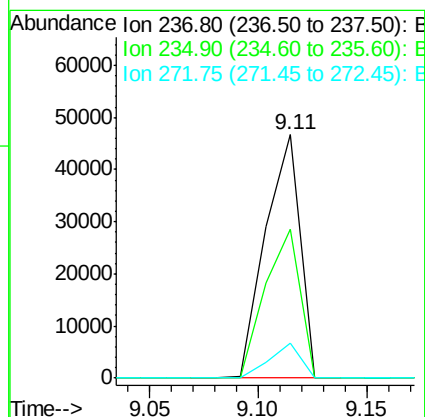
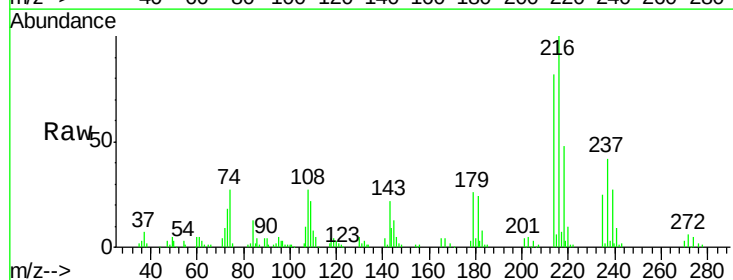
Instrument :
 BNA_F
 ClientSampleId :

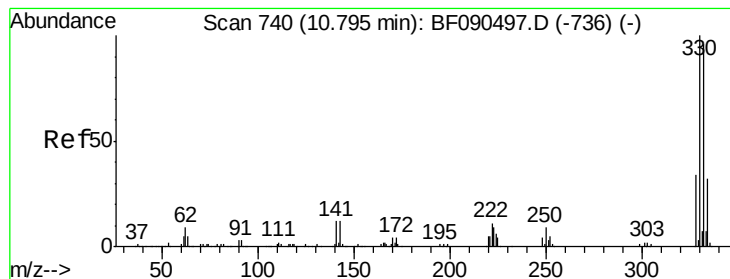
Tot Ion:216	Resp:	118158
Ion Ratio	Lower	Upper
216	100	
214	80.4	64.2 96.2
179	22.9	18.0 27.0
108	22.0	15.2 22.8



#40
 Hexachlorocyclopentadiene
 Concen: 8.54 ng
 RT: 9.11 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF090501.D
 Acq: 11 Oct 2016 14:56

Tgt Ion:237	Resp:	52255
Ion Ratio	Lower	Upper
237	100	
235	61.0	43.6 83.6
272	14.4	0.0 32.7





#41

2,4,6-Tribromophenol

Concen: 19.73 ng

RT: 10.78 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Instrument :
BNA_F
ClientSampled :

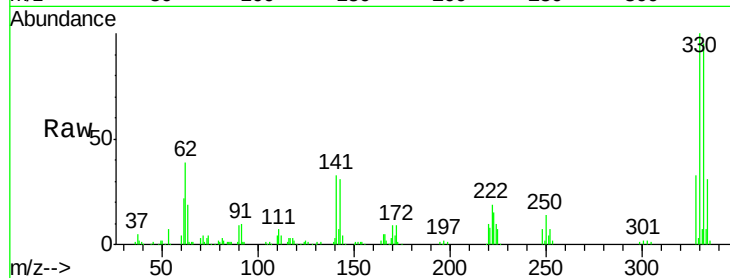
Tot Ion:330 Resp: 86149

Ion Ratio Lower Upper

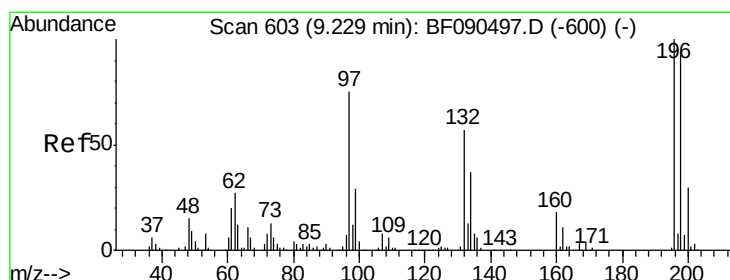
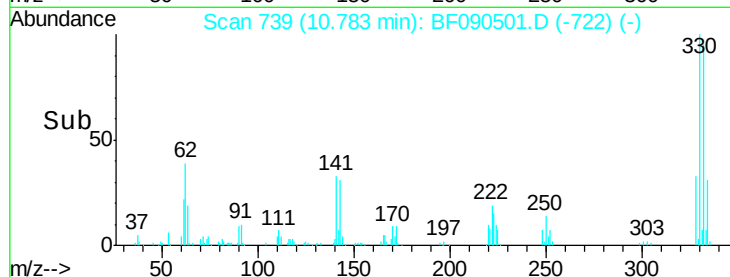
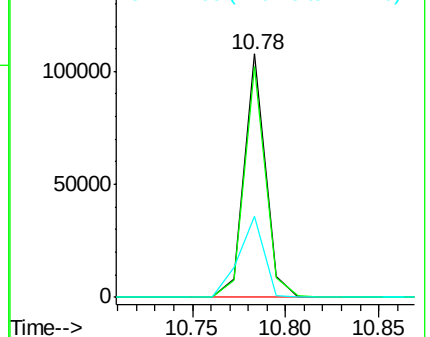
330 100

332 94.8 75.4 113.0

141 39.6 26.9 40.3



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



#42

2,4,6-Trichlorophenol

Concen: 10.80 ng

RT: 9.23 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

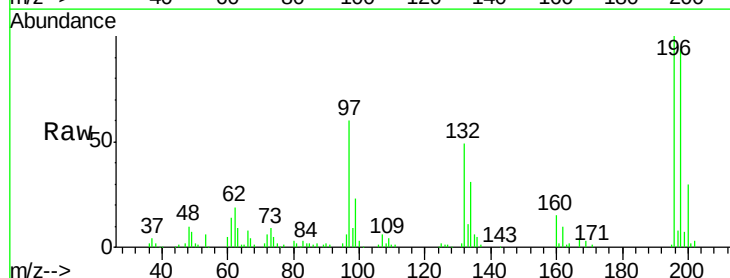
Tgt Ion:196 Resp: 89782

Ion Ratio Lower Upper

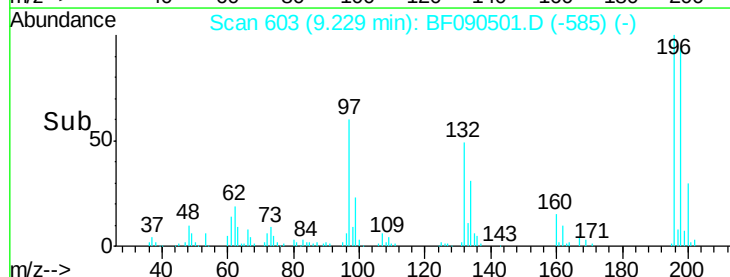
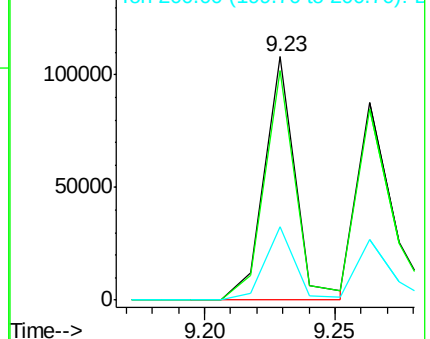
196 100

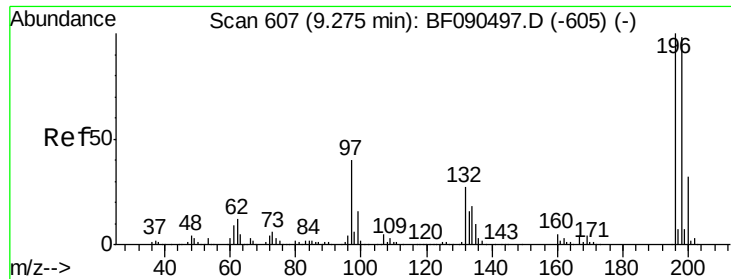
198 94.2 78.9 118.3

200 29.9 25.4 38.2



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

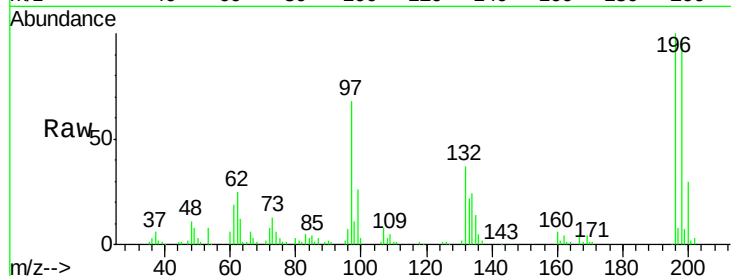




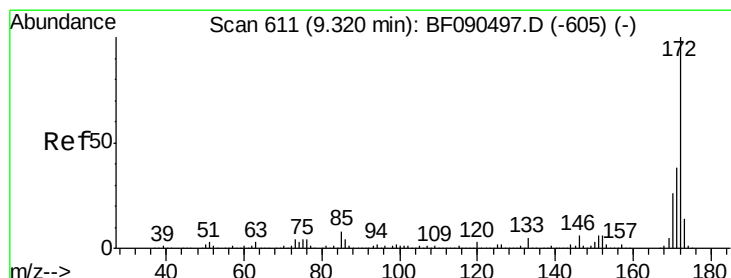
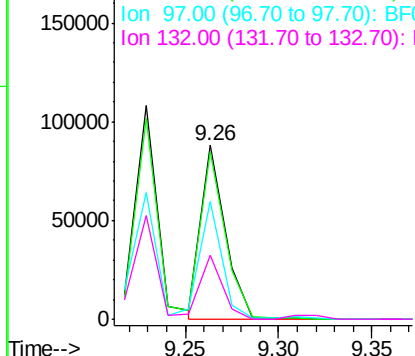
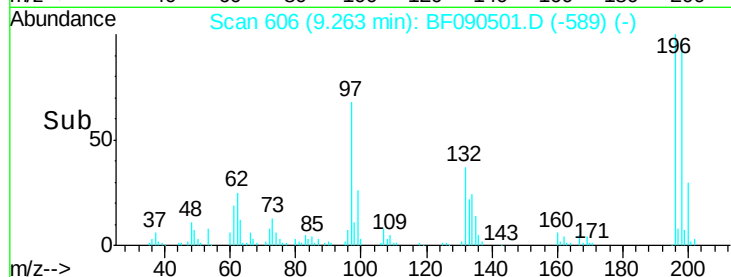
#43
 2,4,5-Trichlorophenol
 Concen: 9.61 ng
 RT: 9.26 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF090501.D
 Acq: 11 Oct 2016 14:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 79110
 Ion Ratio Lower Upper
 196 100
 198 96.8 78.1 117.1
 97 68.1 48.1 72.1
 132 36.8 27.4 41.2

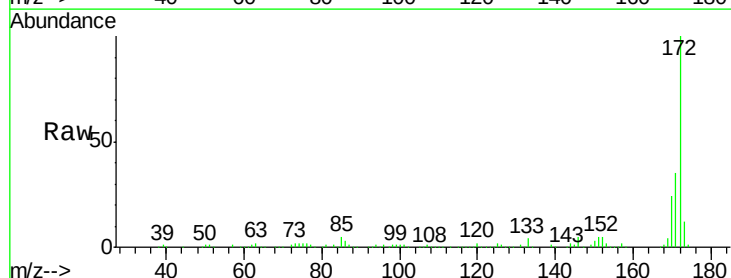


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

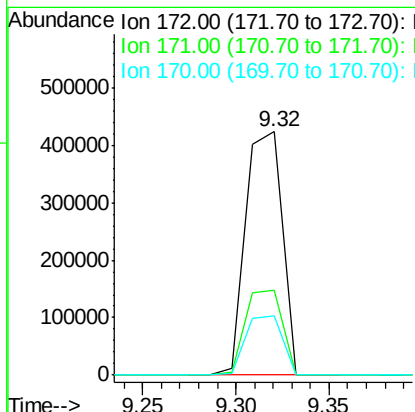
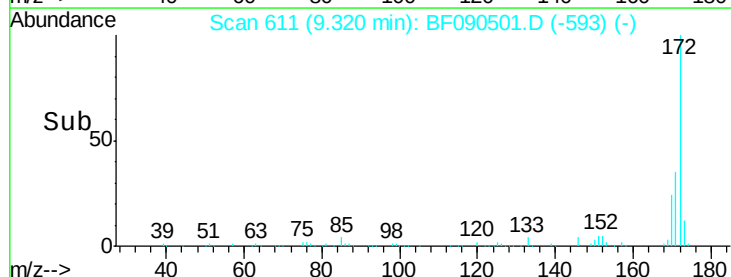


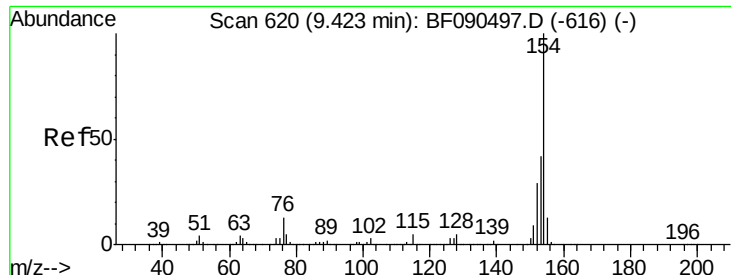
#44
 2-Fluorobiphenyl
 Concen: 21.96 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090501.D
 Acq: 11 Oct 2016 14:56

Tgt Ion:172 Resp: 575503
 Ion Ratio Lower Upper
 172 100
 171 34.7 31.8 47.8
 170 24.3 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: 10.33 ng

RT: 9.41 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Instrument :

BNA_F

ClientSampleId :

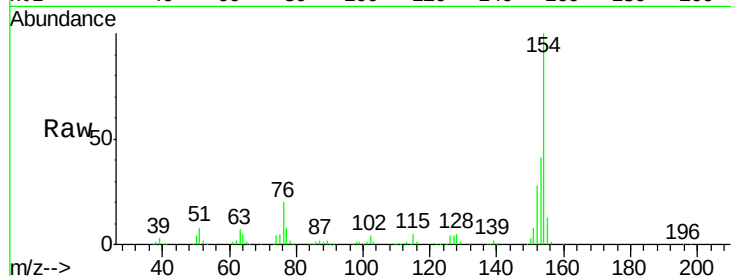
Tot Ion:154 Resp: 347452

Ion Ratio Lower Upper

154 100

153 40.5 23.8 63.8

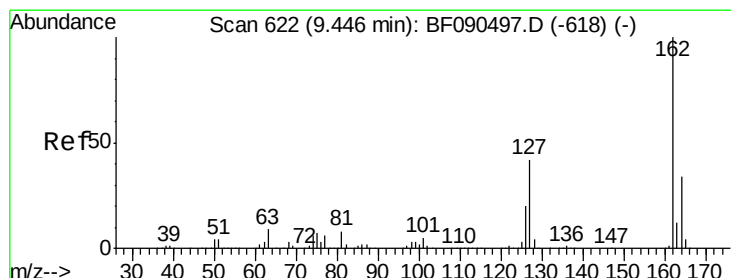
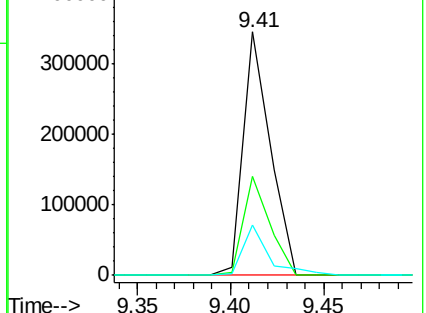
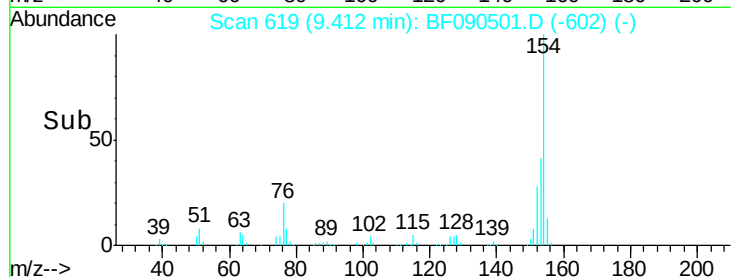
76 20.4 0.0 35.8



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: 10.08 ng

RT: 9.43 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

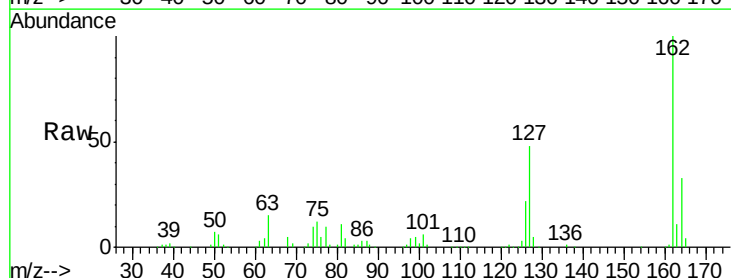
Tgt Ion:162 Resp: 252355

Ion Ratio Lower Upper

162 100

127 47.5 35.6 53.4

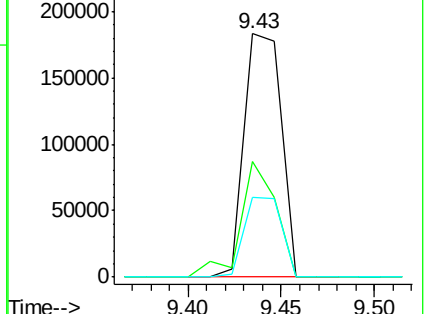
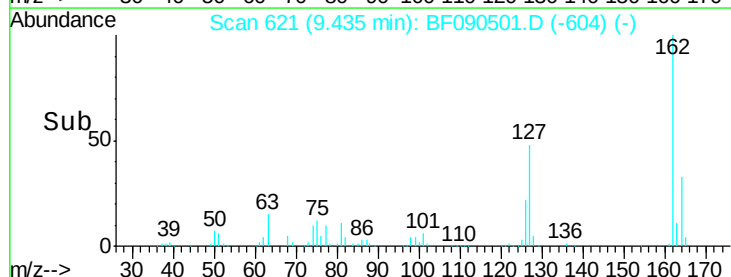
164 32.8 27.5 41.3

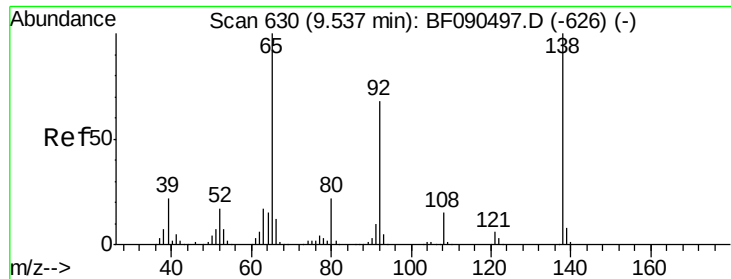


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 10.29 ng

RT: 9.53 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Instrument :

BNA_F

ClientSampleId :

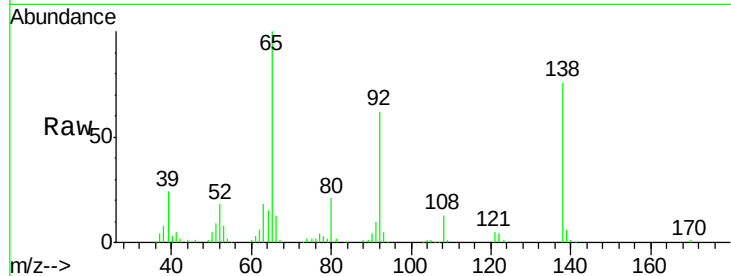
Tot Ion: 65 Resp: 91880

Ion Ratio Lower Upper

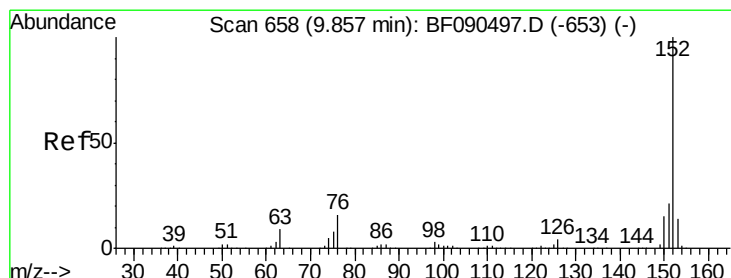
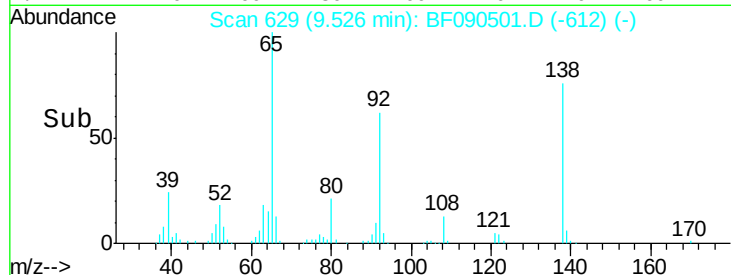
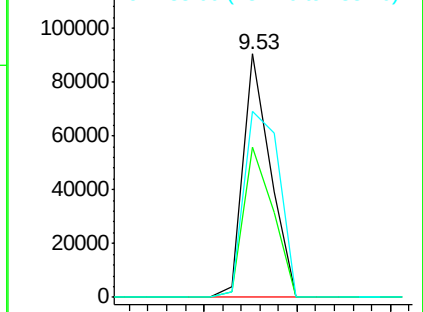
65 100

92 61.8 51.7 77.5

138 76.4 79.0 118.4#



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



#48

Acenaphthylene

Concen: 11.26 ng

RT: 9.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

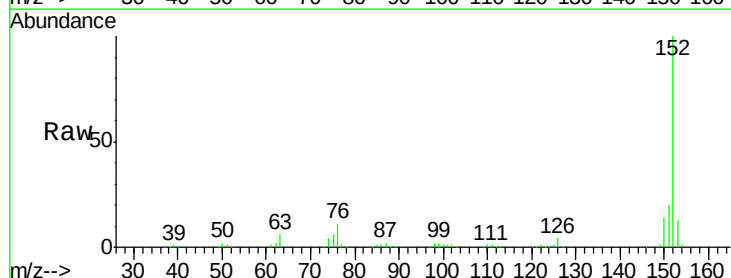
Tgt Ion: 152 Resp: 454650

Ion Ratio Lower Upper

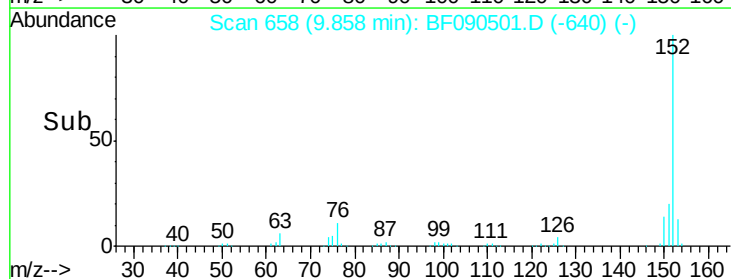
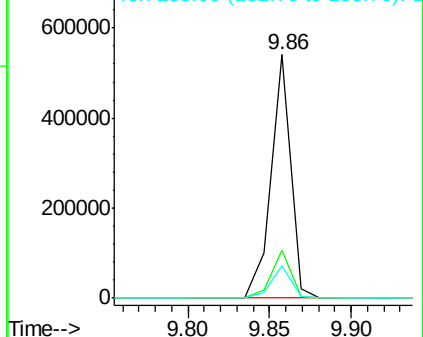
152 100

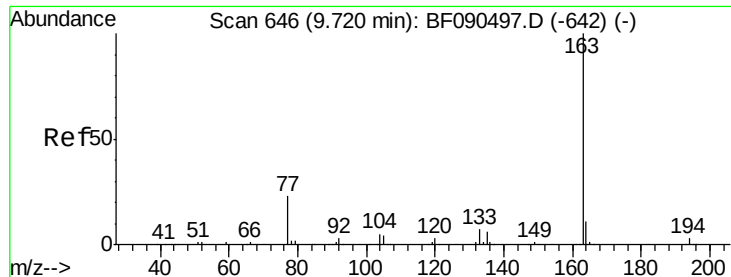
151 19.8 17.4 26.0

153 13.2 11.6 17.4



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





#49

Dimethylphthalate

Concen: 10.70 ng

RT: 9.71 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Instrument :

BNA_F

ClientSampled :

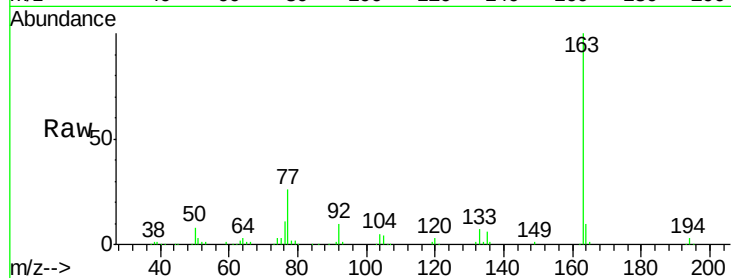
Tot Ion:163 Resp: 316871

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

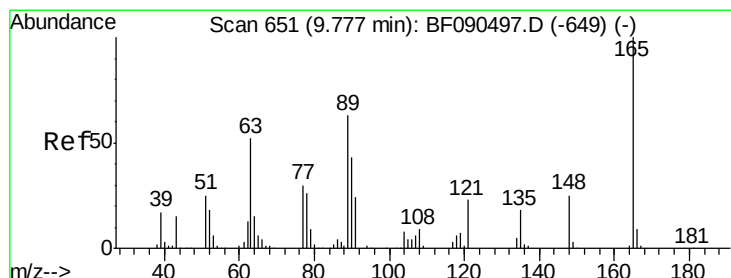
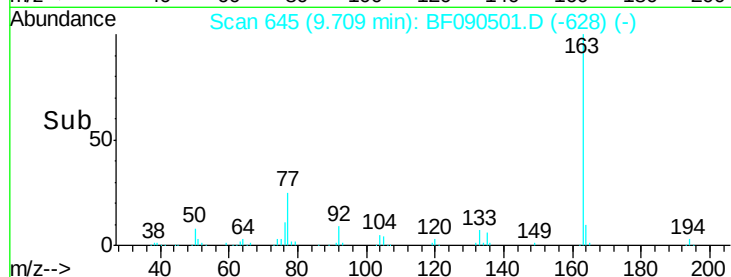
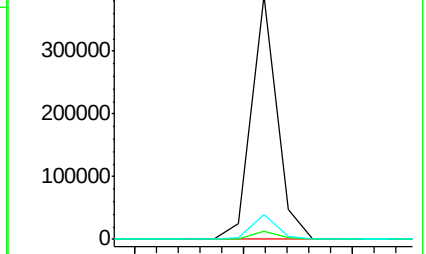
164 10.3 9.0 13.4



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: 9.69 ng

RT: 9.78 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

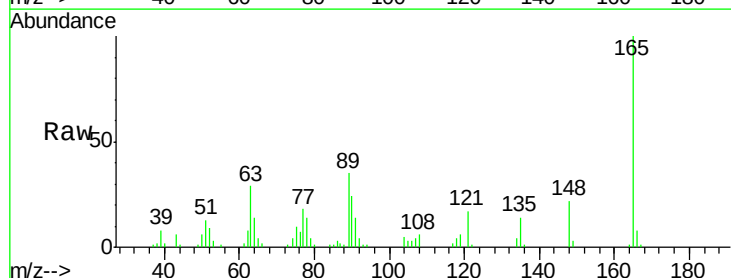
Tgt Ion:165 Resp: 63369

Ion Ratio Lower Upper

165 100

63 28.9 58.0 87.0#

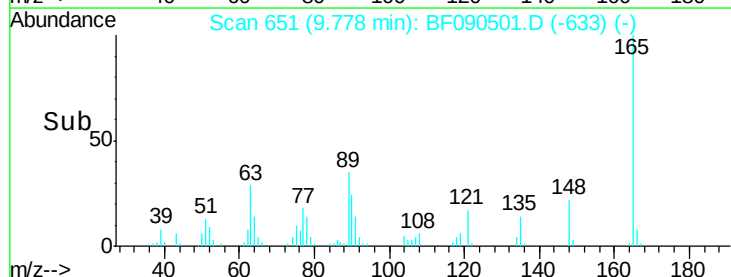
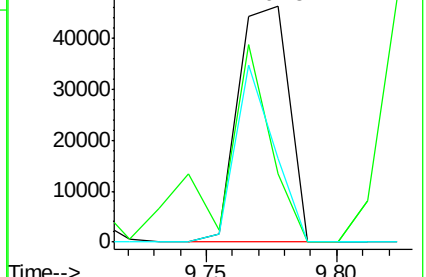
89 35.2 51.2 76.8#

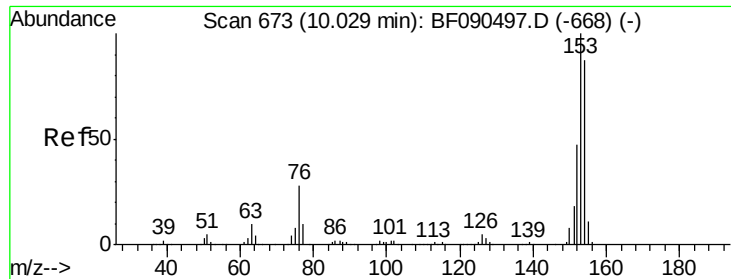


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 11.24 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Instrument :

BNA_F

ClientSampleId :

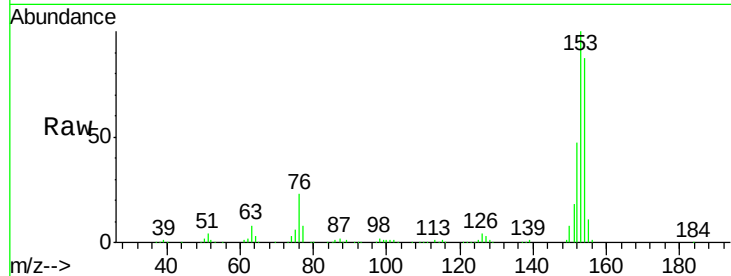
Tot Ion:154 Resp: 304298

Ion Ratio Lower Upper

154 100

153 114.5 88.6 133.0

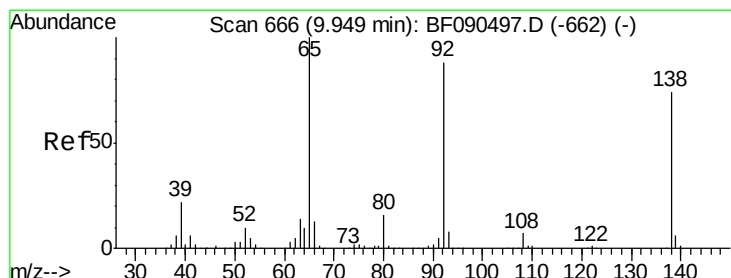
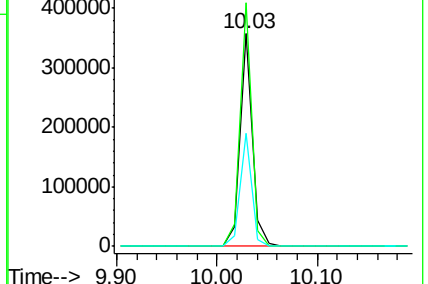
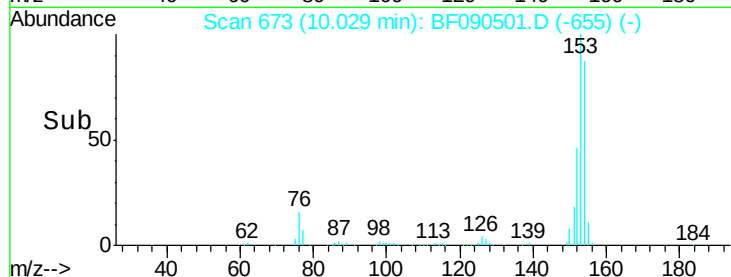
152 53.5 42.6 64.0



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: 10.48 ng

RT: 9.94 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

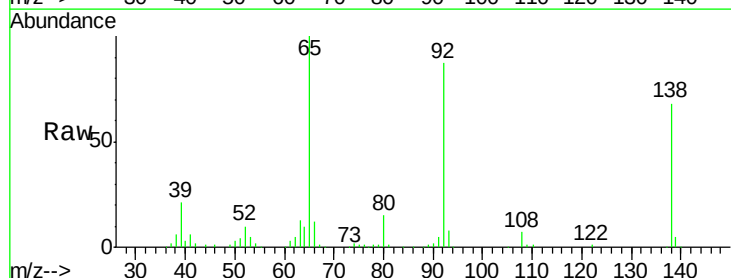
Tgt Ion:138 Resp: 85032

Ion Ratio Lower Upper

138 100

108 10.7 9.7 14.5

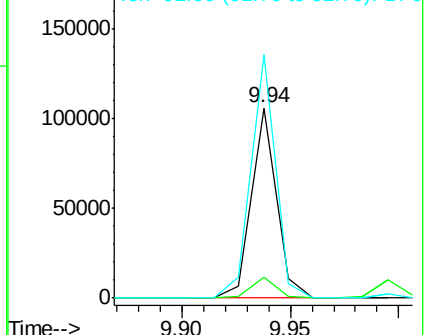
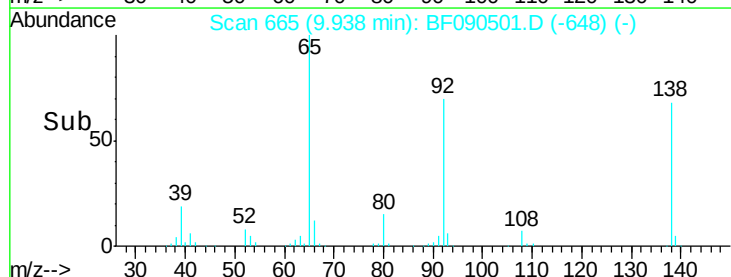
92 127.9 97.1 145.7

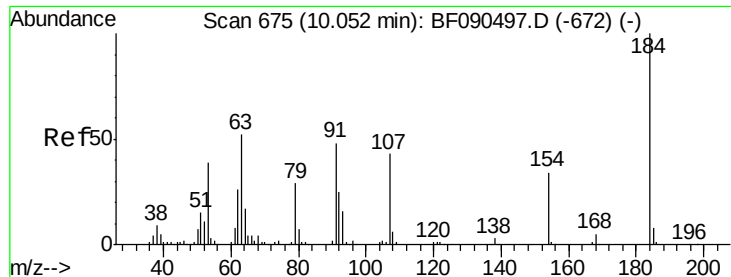


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

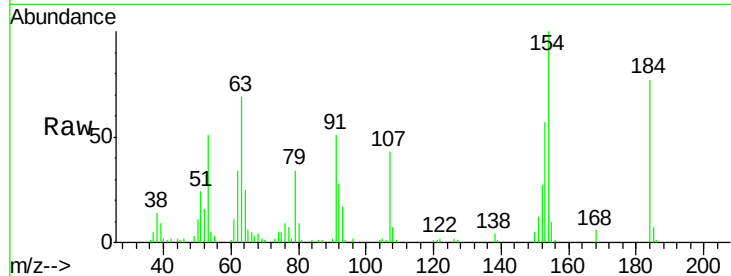




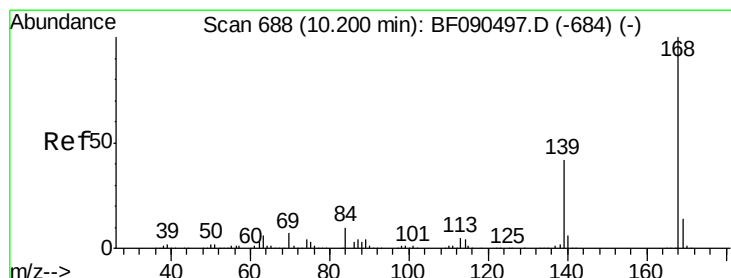
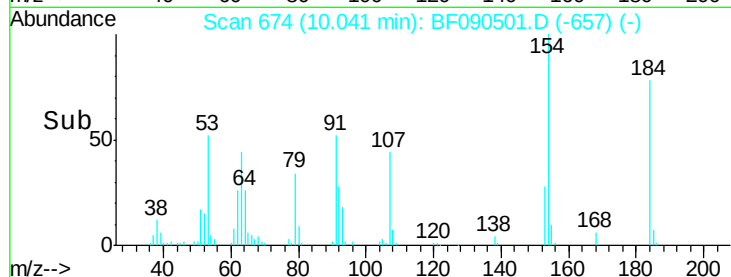
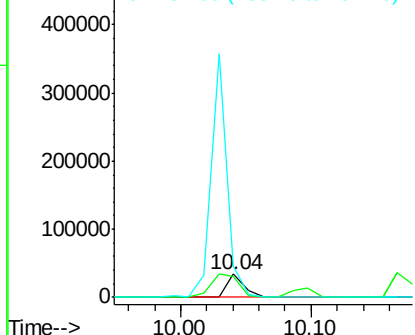
#53
2,4-Dinitrophenol
Concen: 8.81 ng
RT: 10.04 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF090501.D
Acq: 11 Oct 2016 14:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 31977
Ion Ratio Lower Upper
184 100
63 90.1 41.9 62.9#
154 130.4 48.9 73.3#

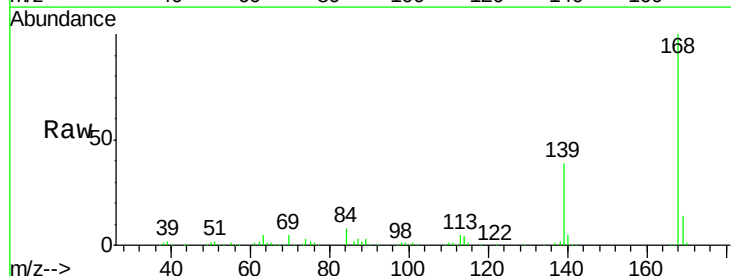


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

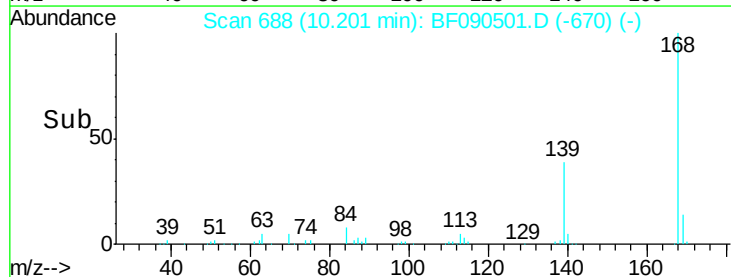
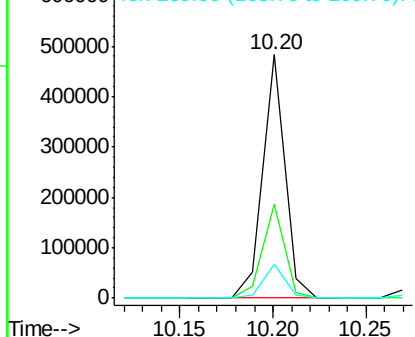


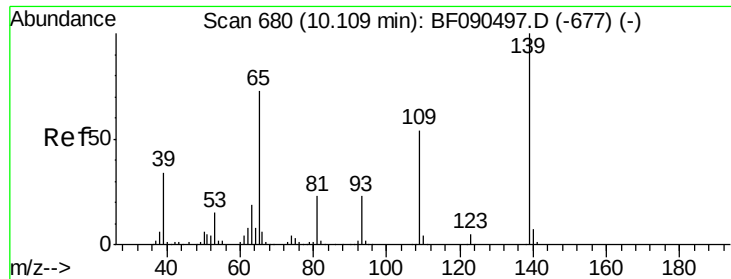
#54
Dibenzofuran
Concen: 10.90 ng
RT: 10.20 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF090501.D
Acq: 11 Oct 2016 14:56

Tgt Ion:168 Resp: 392668
Ion Ratio Lower Upper
168 100
139 38.6 29.6 44.4
169 13.7 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

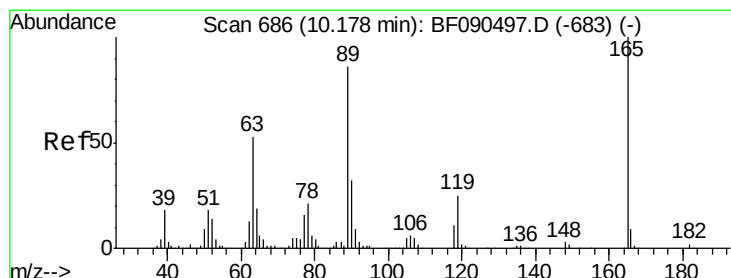
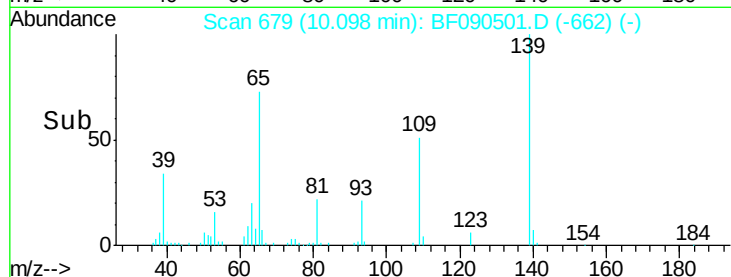
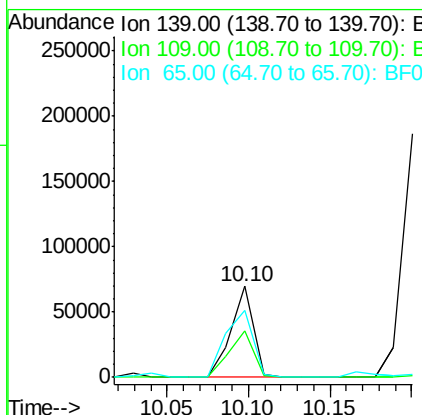
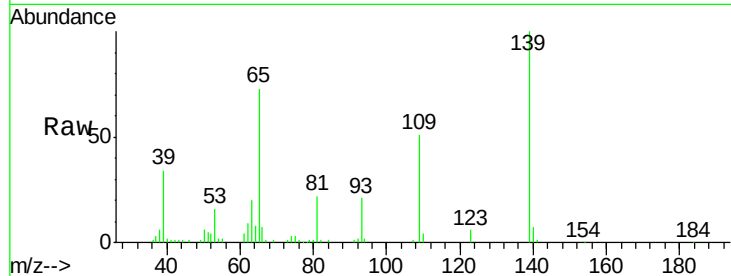




#55
4-Nitrophenol
Concen: 10.47 ng
RT: 10.10 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF090501.D
Acq: 11 Oct 2016 14:56

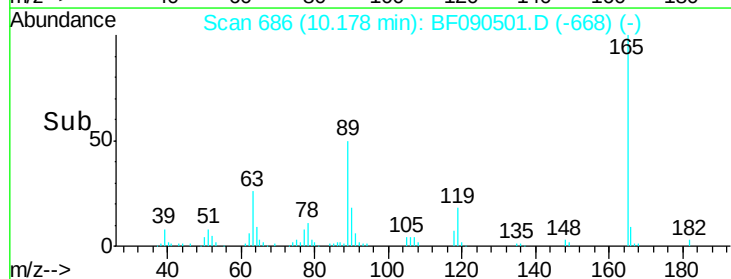
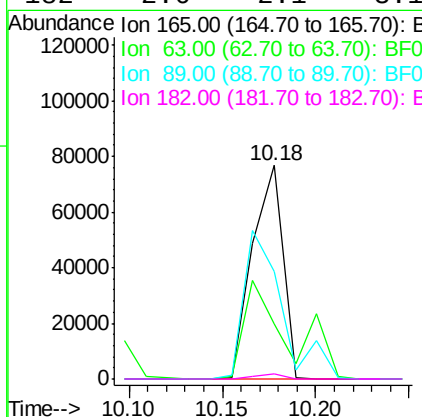
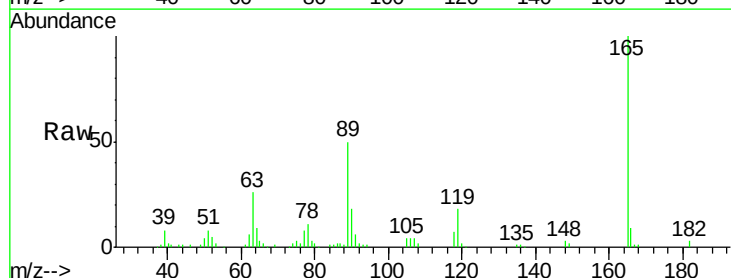
Instrument :
BNA_F
ClientSampleId :

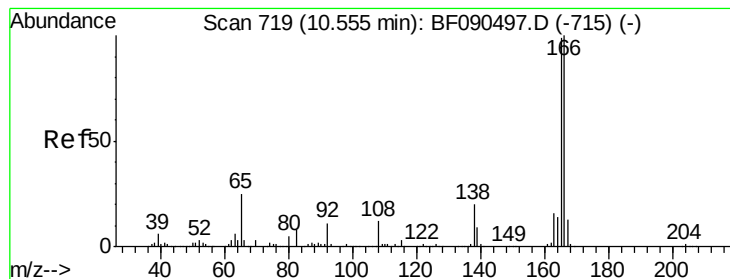
Tot Ion:139 Resp: 66057
Ion Ratio Lower Upper
139 100
109 50.9 43.6 83.6
65 73.4 87.5 127.5#



#56
2,4-Dinitrotoluene
Concen: 10.02 ng
RT: 10.18 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF090501.D
Acq: 11 Oct 2016 14:56

Tgt Ion:165 Resp: 86724
Ion Ratio Lower Upper
165 100
63 25.7 17.8 26.6
89 50.3 33.2 49.8#
182 2.6 2.1 3.1





#57

Fluorene

Concen: 11.11 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Instrument :

BNA_F

ClientSampled :

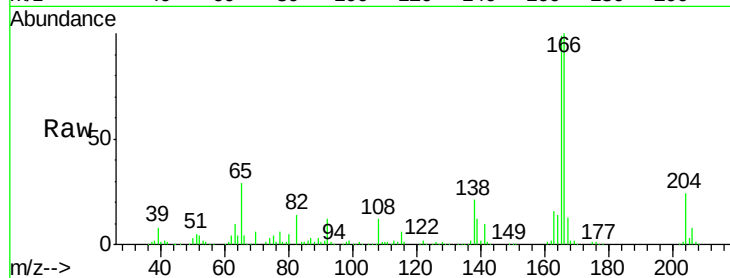
Tot Ion:166 Resp: 326558

Ion Ratio Lower Upper

166 100

165 98.9 79.2 118.8

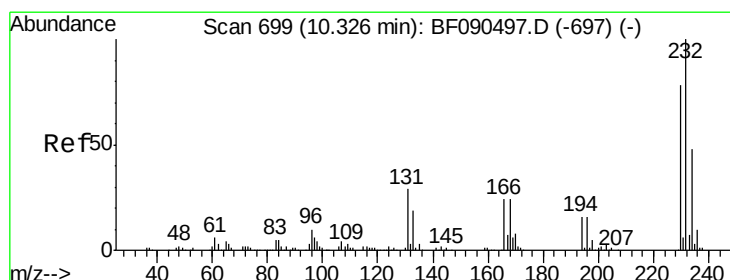
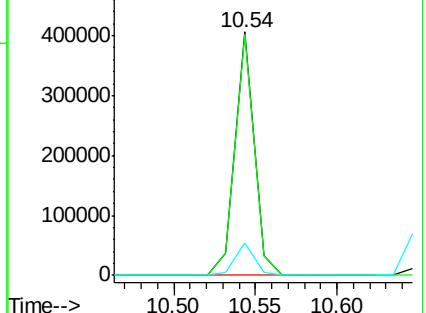
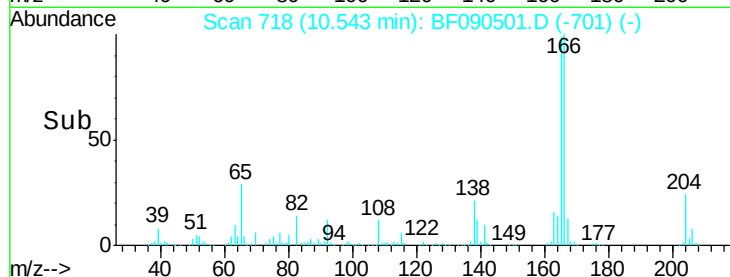
167 13.5 11.1 16.7



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: 9.86 ng

RT: 10.31 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Tgt Ion:232 Resp: 67670

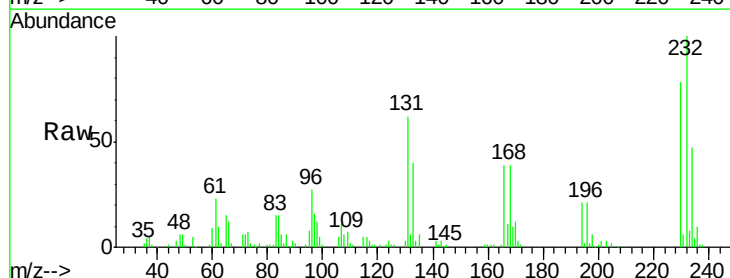
Ion Ratio Lower Upper

232 100

131 56.7 34.5 51.7#

130 2.0 1.6 2.4

166 35.7 23.8 35.8

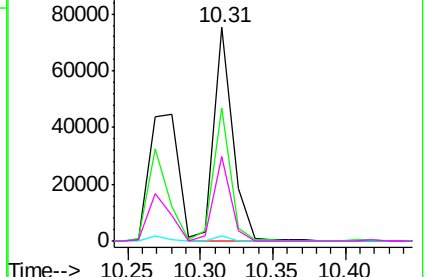
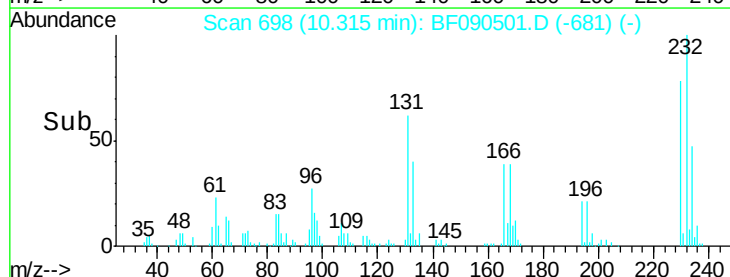


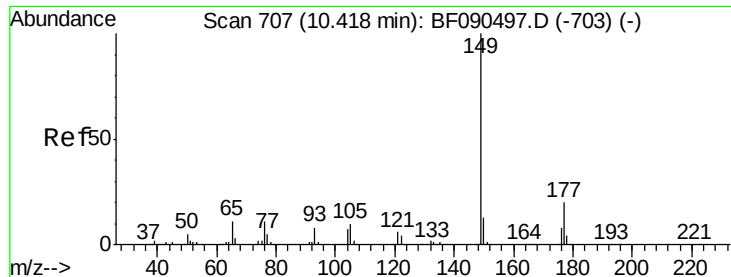
Abundance Ion 232.00 (231.70 to 232.70): E

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

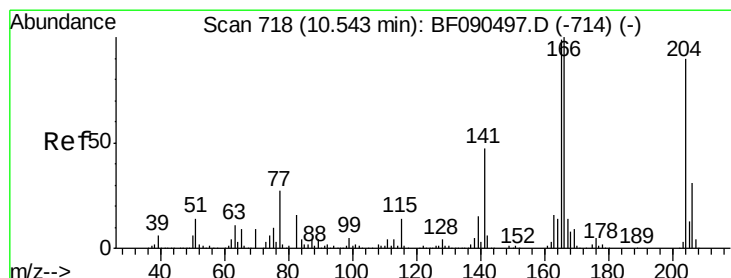
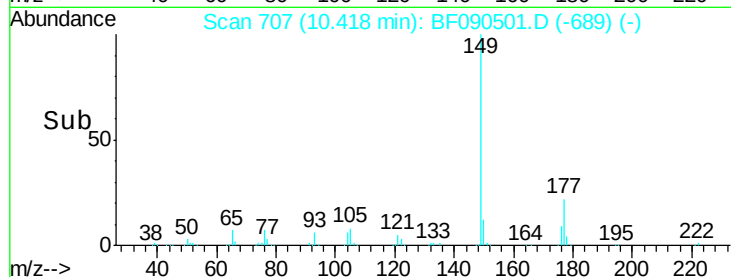
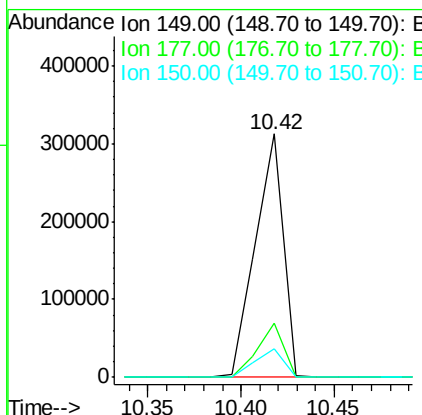
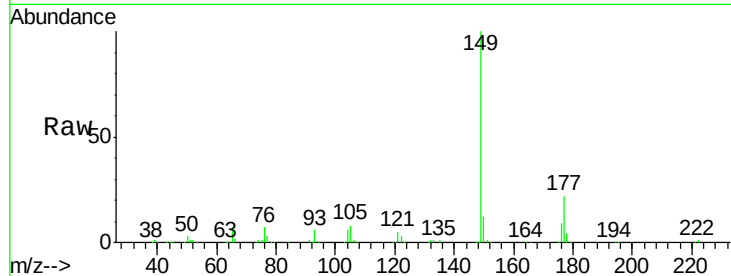




#59
Diethylphthalate
Concen: 10.71 ng
RT: 10.42 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF090501.D
Acq: 11 Oct 2016 14:56

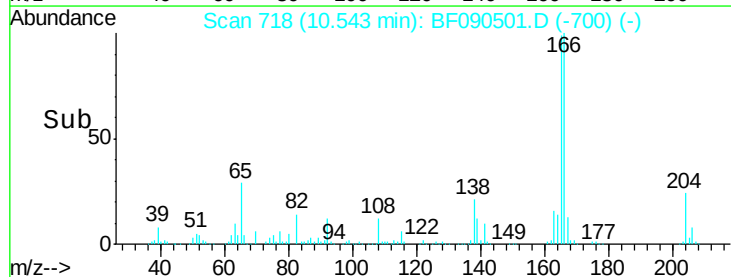
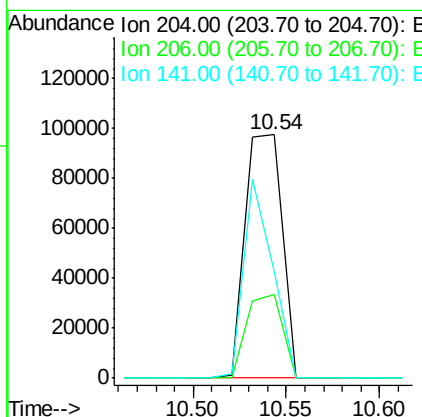
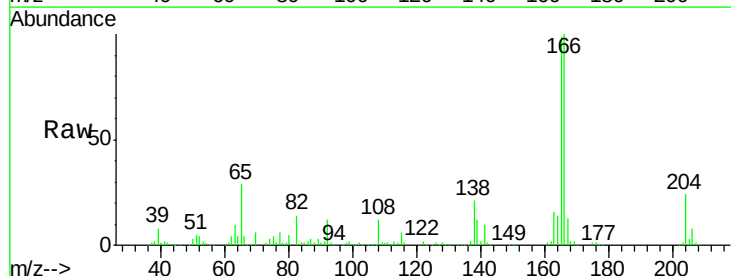
Instrument :
BNA_F
ClientSampleId :

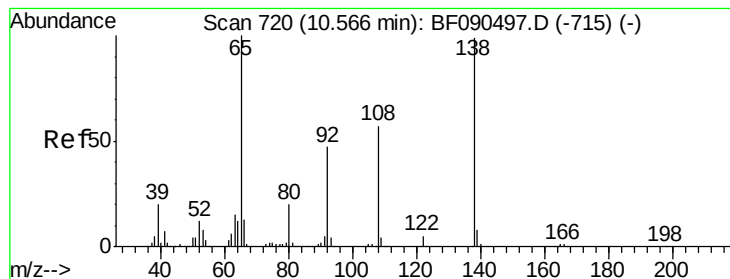
Tot Ion:149 Resp: 322765
Ion Ratio Lower Upper
149 100
177 22.2 21.1 31.7
150 11.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 9.91 ng
RT: 10.54 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF090501.D
Acq: 11 Oct 2016 14:56

Tgt Ion:204 Resp: 134430
Ion Ratio Lower Upper
204 100
206 34.2 26.7 40.1
141 43.7 51.7 77.5#





#61

4-Nitroaniline

Concen: 9.86 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Instrument :

BNA_F

ClientSampled :

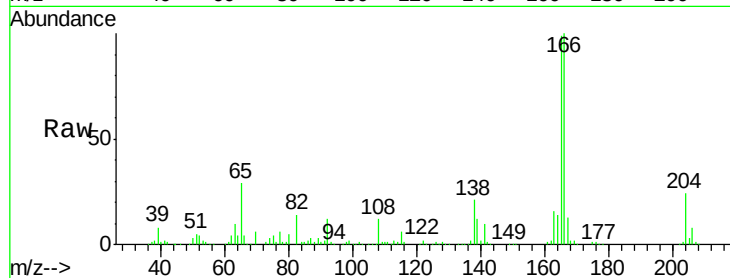
Tot Ion:138 Resp: 81684

Ion Ratio Lower Upper

138 100

92 54.3 33.2 73.2

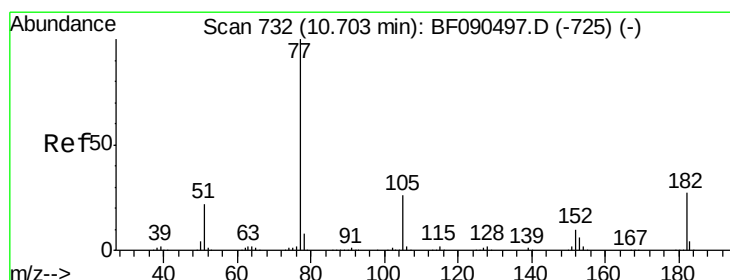
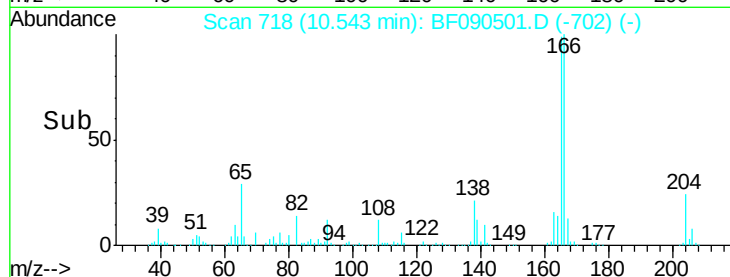
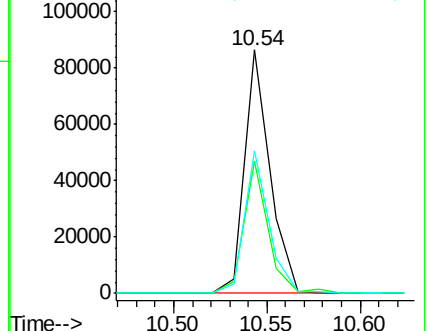
108 58.5 48.5 88.5



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: 10.20 ng

RT: 10.69 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Tgt Ion: 77 Resp: 335752

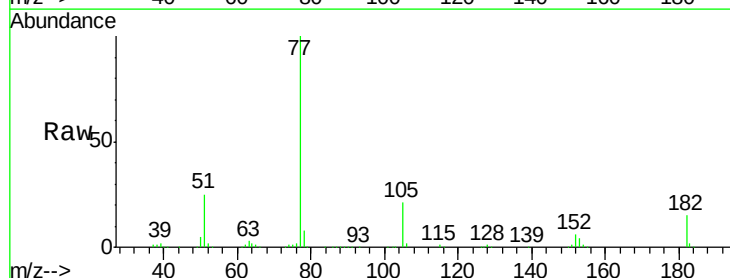
Ion Ratio Lower Upper

77 100

182 15.4 3.2 43.2

105 21.0 2.9 42.9

51 24.8 14.2 54.2

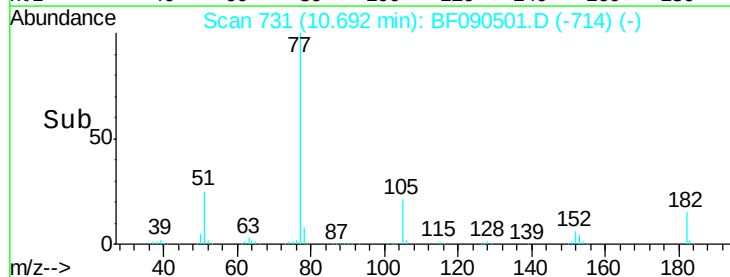
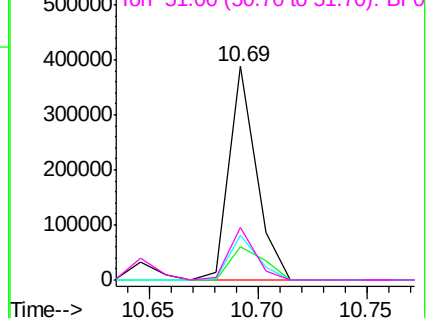


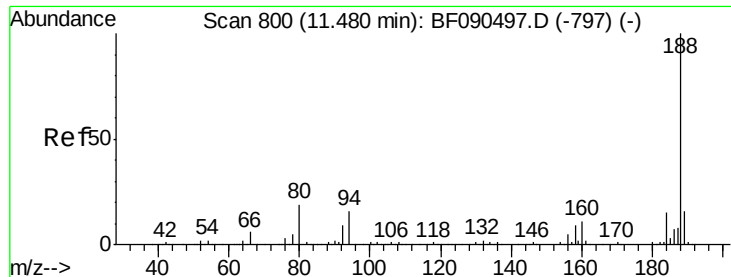
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

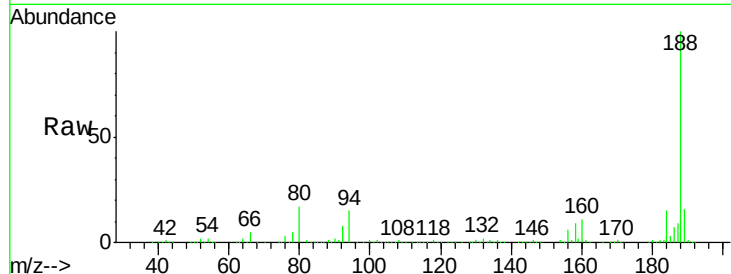




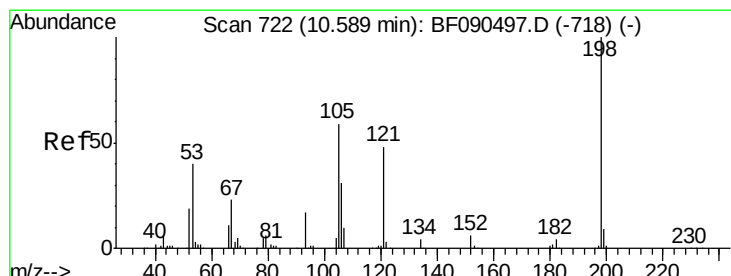
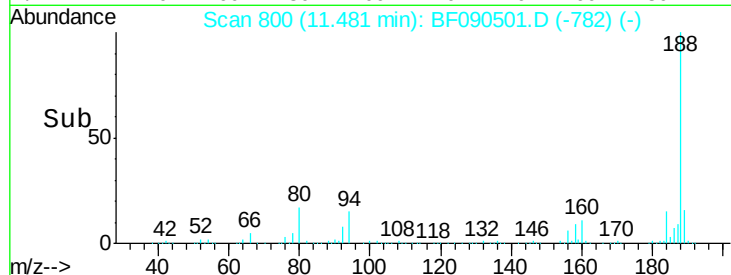
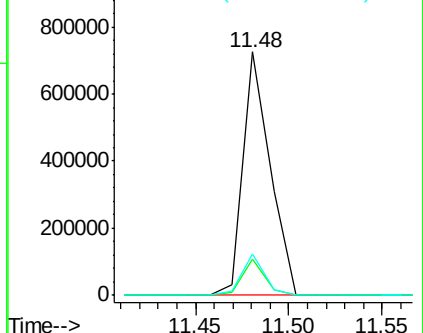
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF090501.D
 Acq: 11 Oct 2016 14:56

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:188 Resp: 735998
 Ion Ratio Lower Upper
 188 100
 94 15.0 8.2 12.2#
 80 17.3 8.8 13.2#

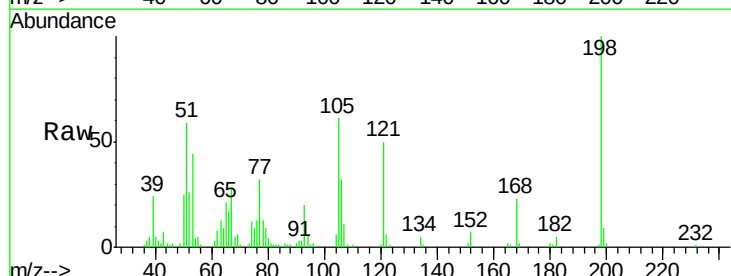


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

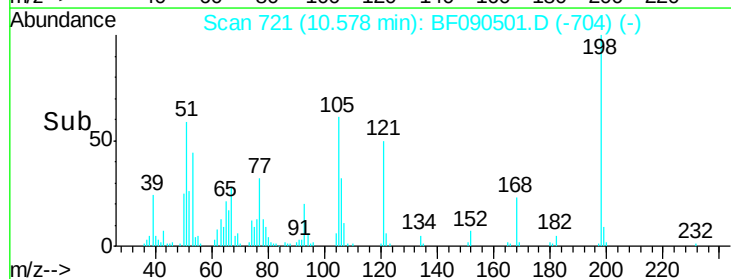
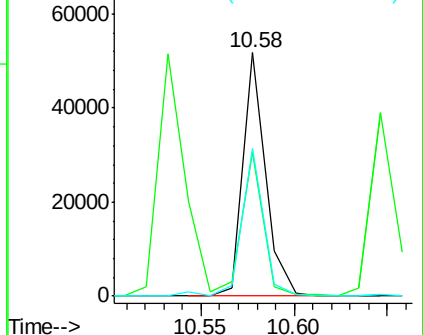


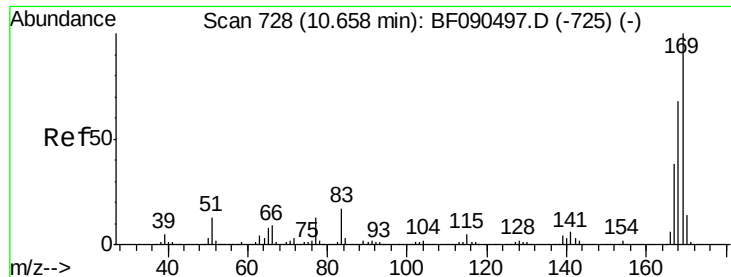
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.86 ng
 RT: 10.58 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BF090501.D
 Acq: 11 Oct 2016 14:56

Tgt Ion:198 Resp: 43544
 Ion Ratio Lower Upper
 198 100
 51 58.8 67.3 107.3#
 105 60.6 42.6 82.6



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

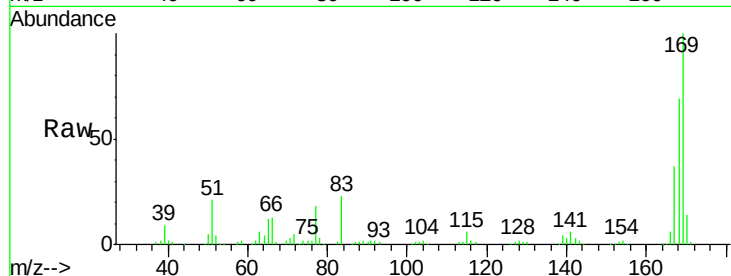




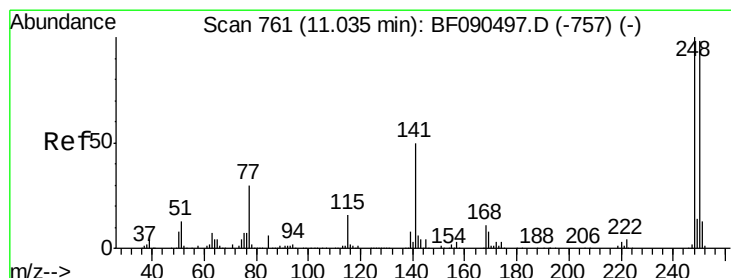
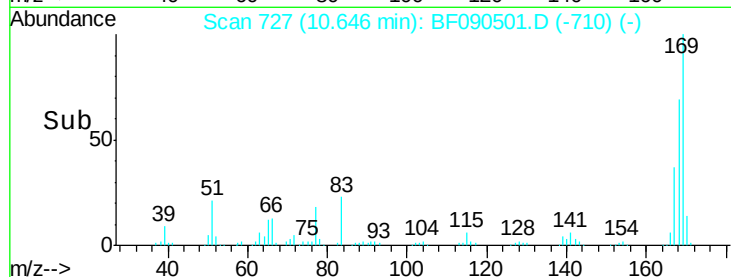
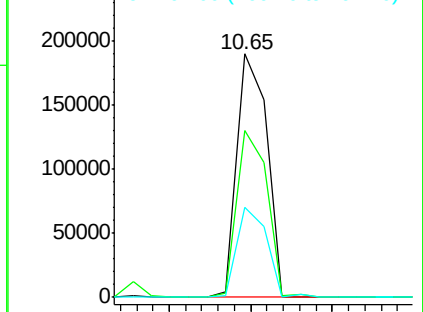
#65
 n-Nitrosodiphenylamine
 Concen: 10.00 ng
 RT: 10.65 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF090501.D
 Acq: 11 Oct 2016 14:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 239371
 Ion Ratio Lower Upper
 169 100
 168 68.5 53.8 80.6
 167 36.8 29.8 44.8

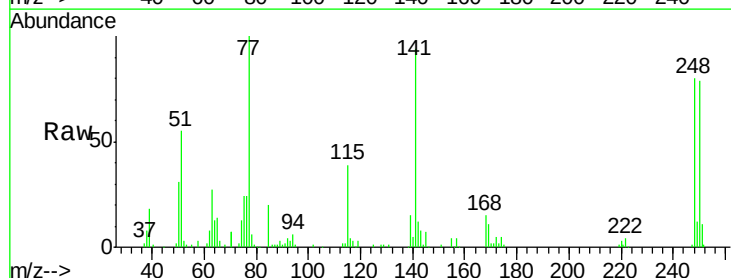


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

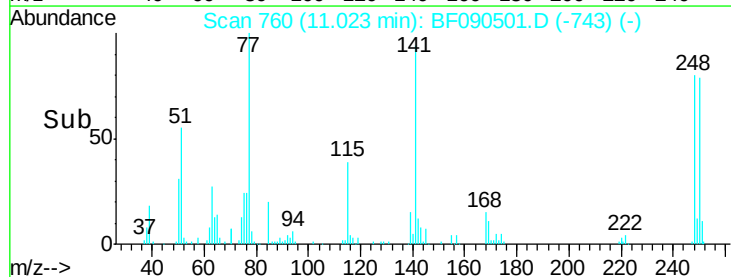
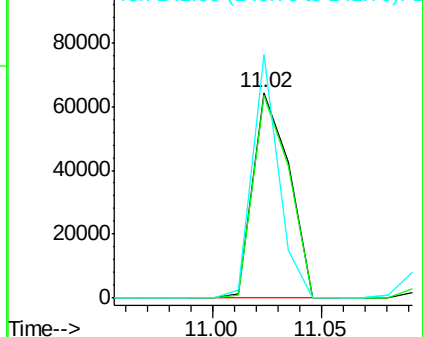


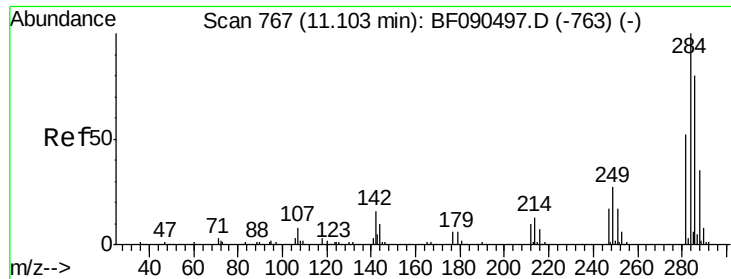
#66
 4-Bromophenyl-phenylether
 Concen: 9.07 ng
 RT: 11.02 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF090501.D
 Acq: 11 Oct 2016 14:56

Tgt Ion:248 Resp: 73999
 Ion Ratio Lower Upper
 248 100
 250 98.6 76.5 114.7
 141 118.6 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

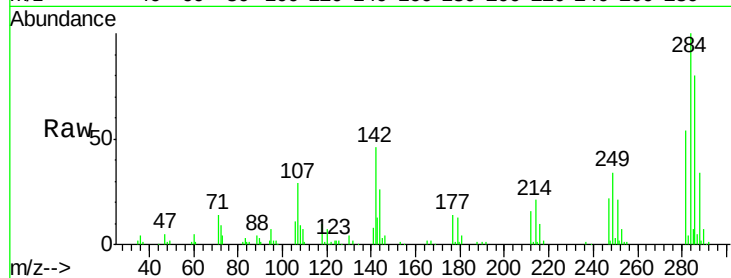




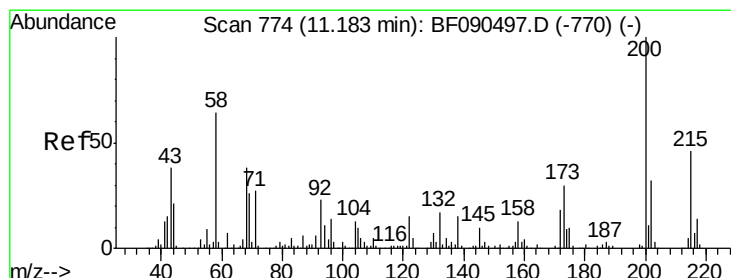
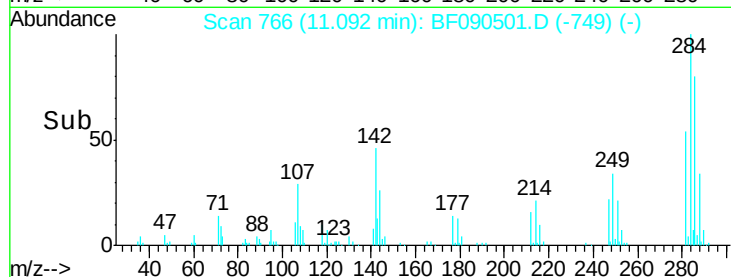
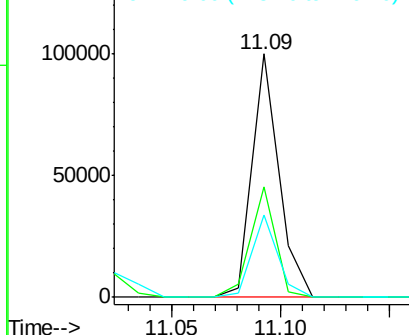
#67
Hexachlorobenzene
Concen: 9.52 ng
RT: 11.09 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF090501.D
Acq: 11 Oct 2016 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 85727
Ion Ratio Lower Upper
284 100
142 45.6 23.1 34.7#
249 33.8 26.3 39.5

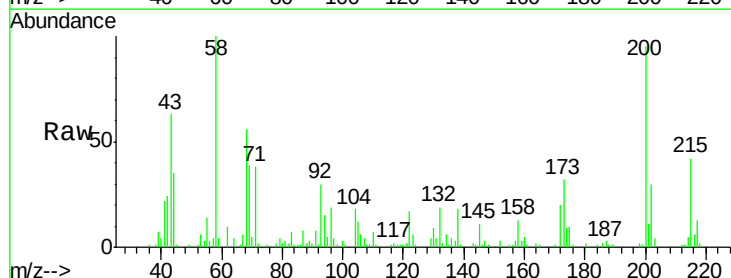


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

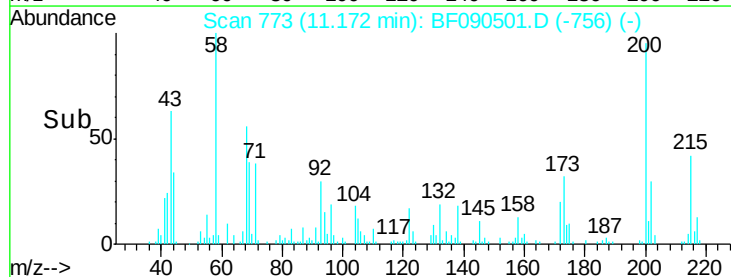
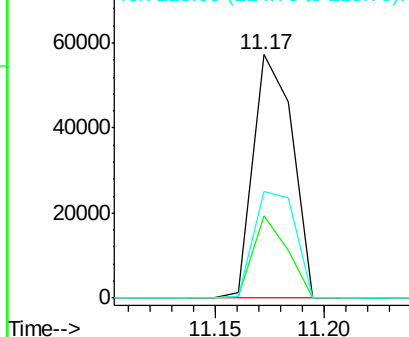


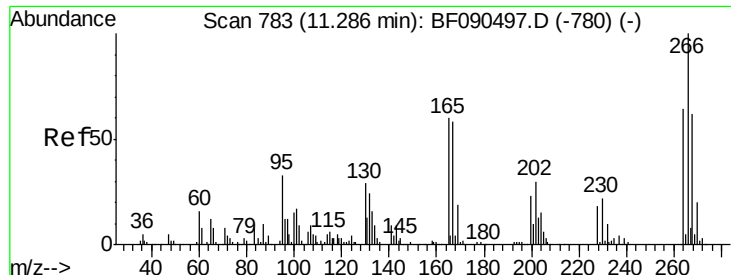
#68
Atrazine
Concen: 9.70 ng
RT: 11.17 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF090501.D
Acq: 11 Oct 2016 14:56

Tgt Ion:200 Resp: 71811
Ion Ratio Lower Upper
200 100
173 34.0 9.0 49.0
215 43.7 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

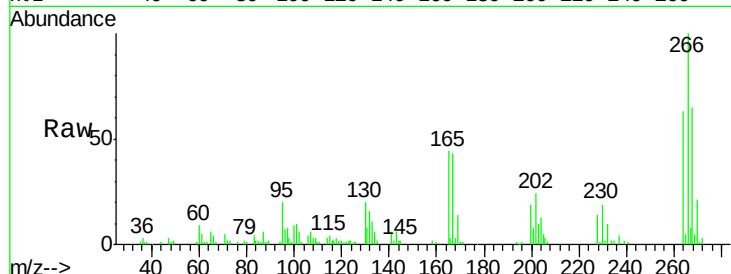




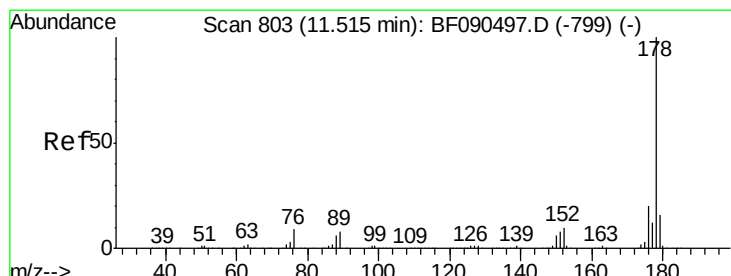
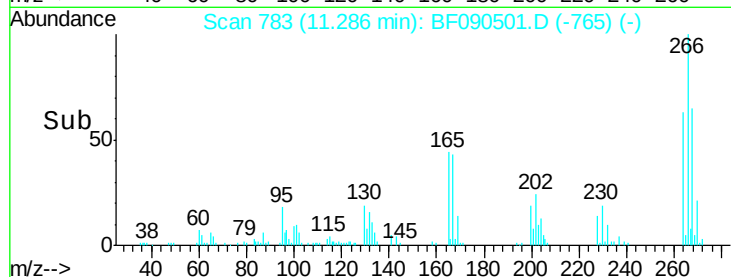
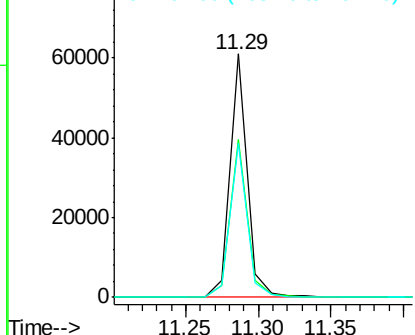
#69
 Pentachlorophenol
 Concen: 9.34 ng
 RT: 11.29 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF090501.D
 Acq: 11 Oct 2016 14:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 50069
 Ion Ratio Lower Upper
 266 100
 268 64.6 50.9 76.3
 264 63.3 51.5 77.3

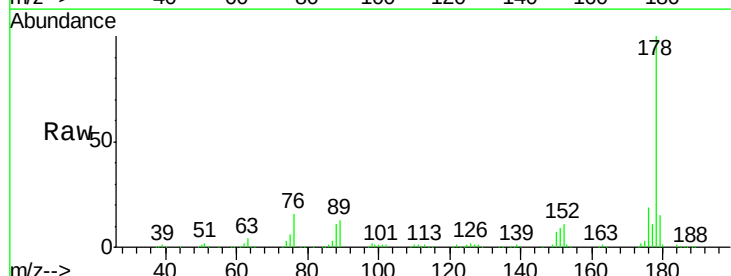


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

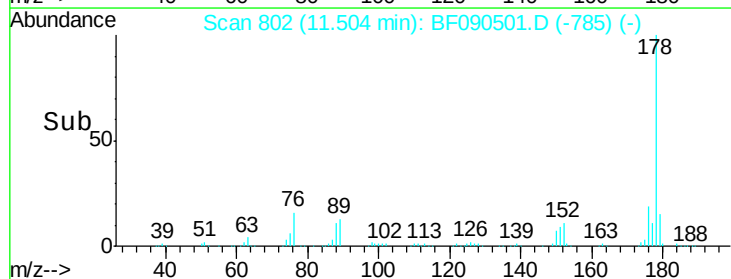
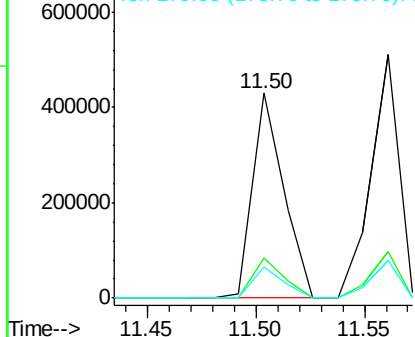


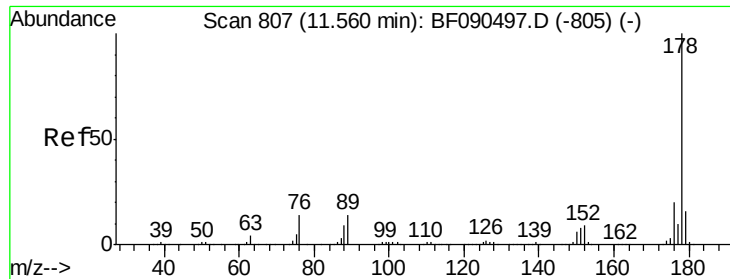
#70
 Phenanthrene
 Concen: 10.53 ng
 RT: 11.50 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF090501.D
 Acq: 11 Oct 2016 14:56

Tgt Ion:178 Resp: 427209
 Ion Ratio Lower Upper
 178 100
 176 19.4 17.3 25.9
 179 15.4 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

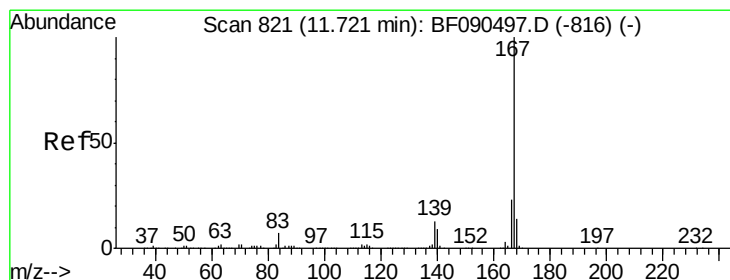
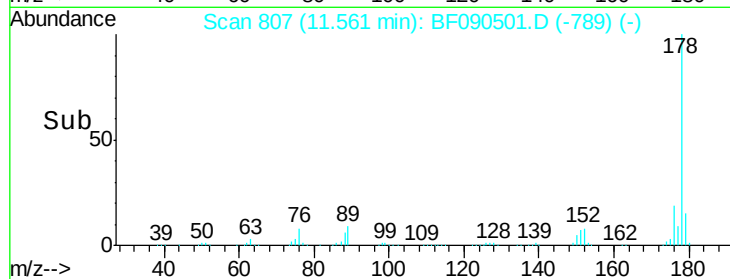
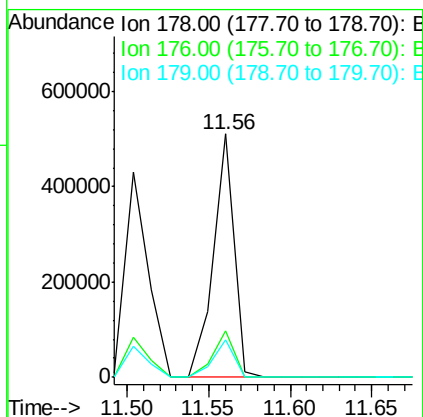
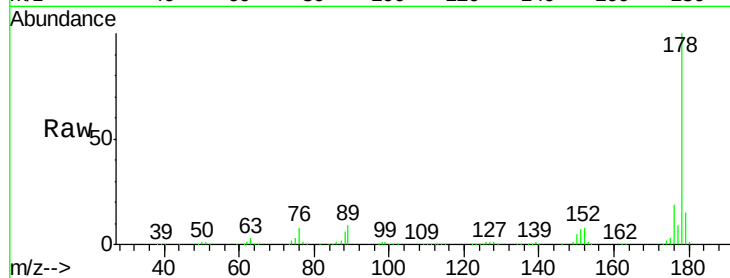




#71
 Anthracene
 Concen: 11.04 ng
 RT: 11.56 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF090501.D
 Acq: 11 Oct 2016 14:56

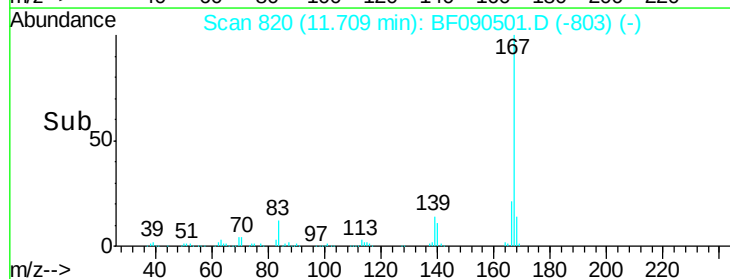
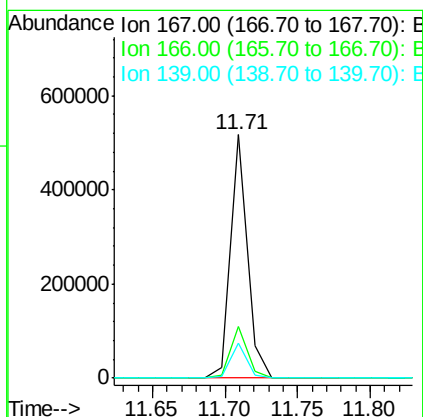
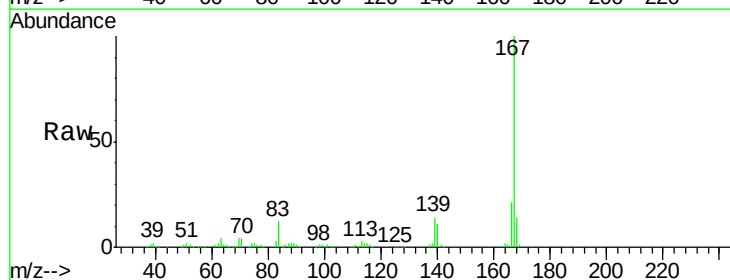
Instrument :
 BNA_F
 ClientSampleId :

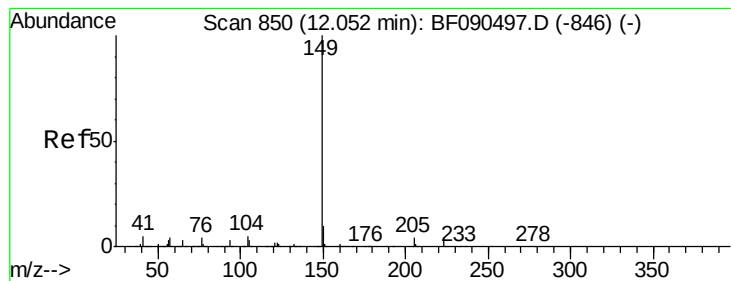
Tot Ion:178 Resp: 453585
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.8 25.2
 179 15.5 13.4 20.2



#72
 Carbazole
 Concen: 10.80 ng
 RT: 11.71 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF090501.D
 Acq: 11 Oct 2016 14:56

Tgt Ion:167 Resp: 419256
 Ion Ratio Lower Upper
 167 100
 166 21.4 19.1 28.7
 139 14.4 12.1 18.1





#73

Di-n-butylphthalate

Concen: 10.83 ng

RT: 12.05 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Instrument :

BNA_F

ClientSampled :

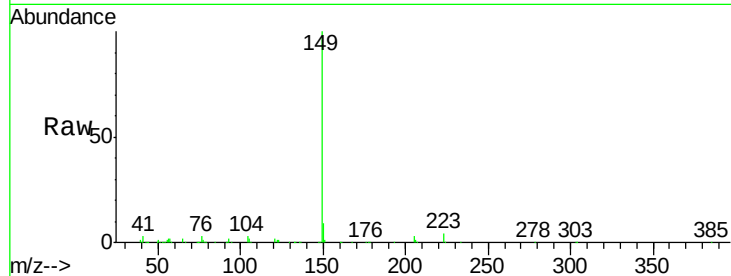
Tot Ion:149 Resp: 506372

Ion Ratio Lower Upper

149 100

150 8.7 8.6 12.8

104 3.4 4.7 7.1#

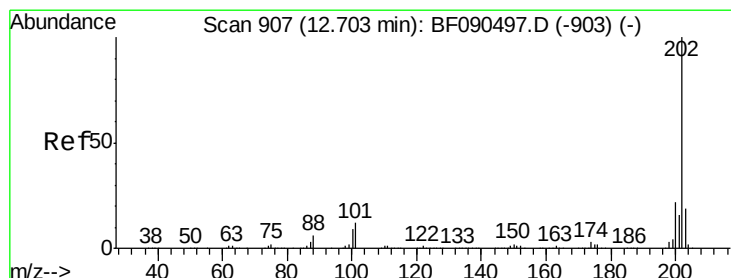
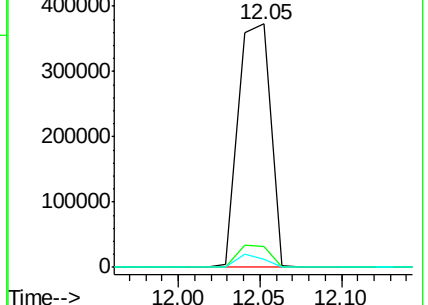
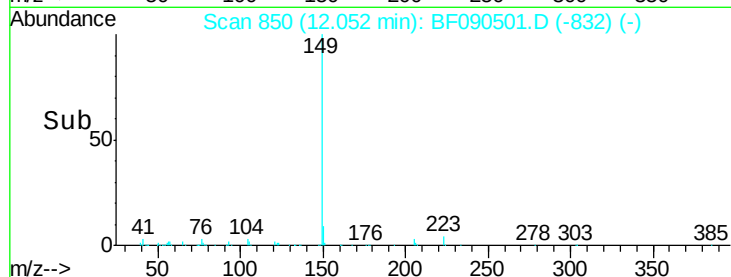


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



#74

Fluoranthene

Concen: 10.32 ng

RT: 12.69 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

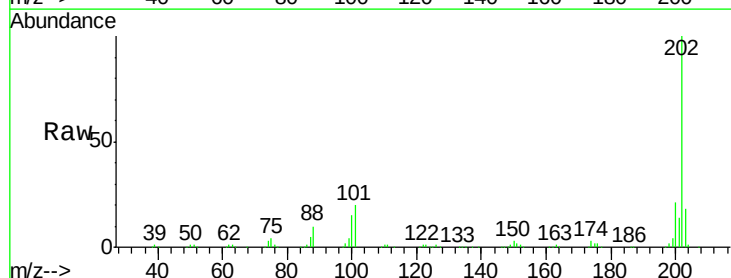
Tgt Ion:202 Resp: 427304

Ion Ratio Lower Upper

202 100

101 19.8 0.0 37.2

203 17.6 0.0 39.3

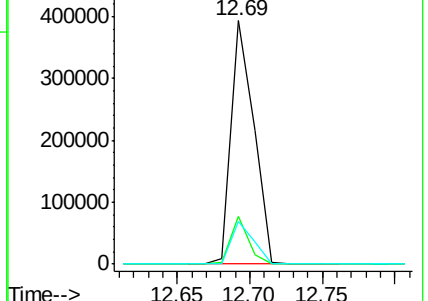
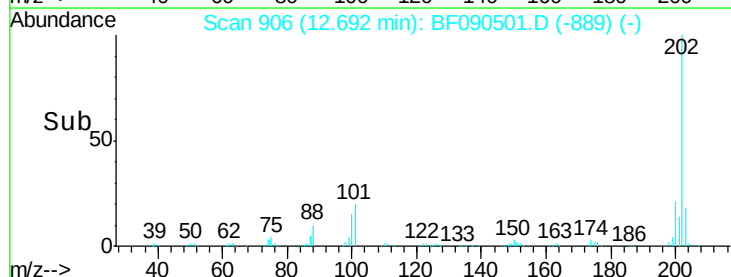


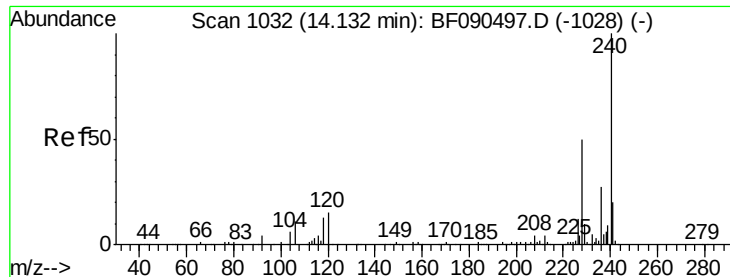
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Instrument :

BNA_F

ClientSampleId :

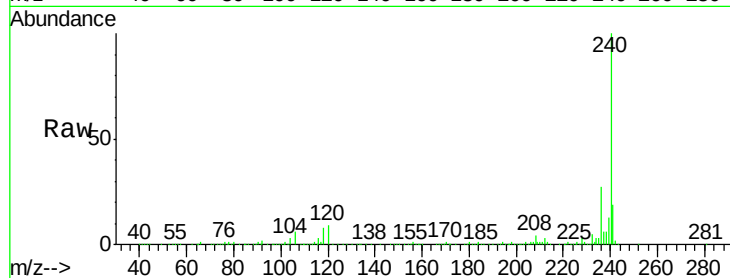
Tot Ion:240 Resp: 709365

Ion Ratio Lower Upper

240 100

120 8.6 8.6 13.0#

236 26.7 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

14.13

800000

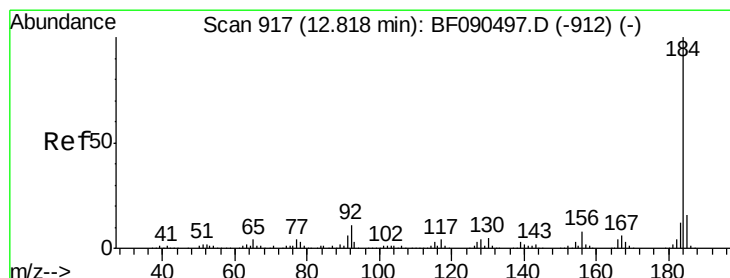
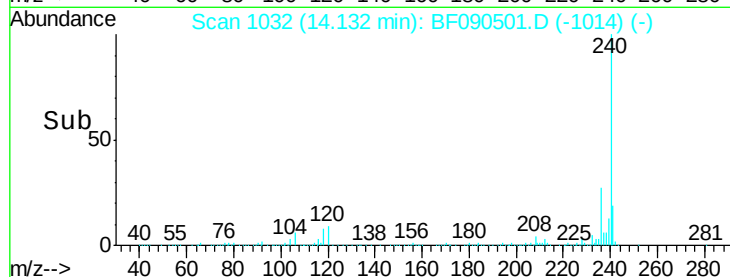
600000

400000

200000

0

Time-->



#76

Benzidine

Concen: 11.22 ng

RT: 12.82 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

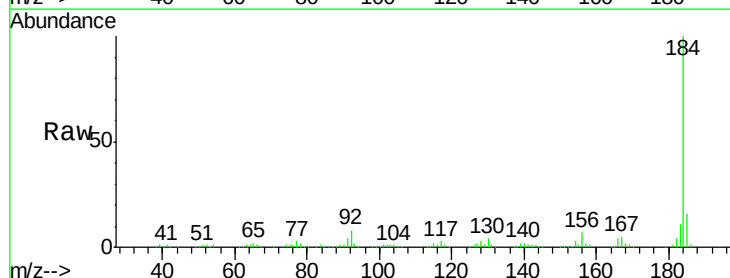
Tgt Ion:184 Resp: 250054

Ion Ratio Lower Upper

184 100

185 16.2 11.8 17.8

183 11.3 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

12.82

400000

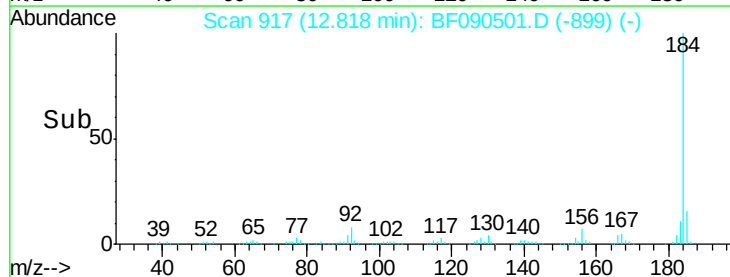
300000

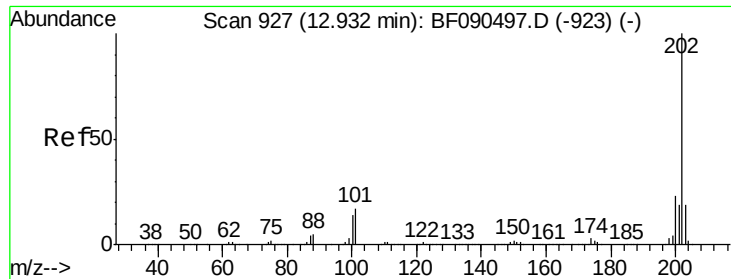
200000

100000

0

Time-->

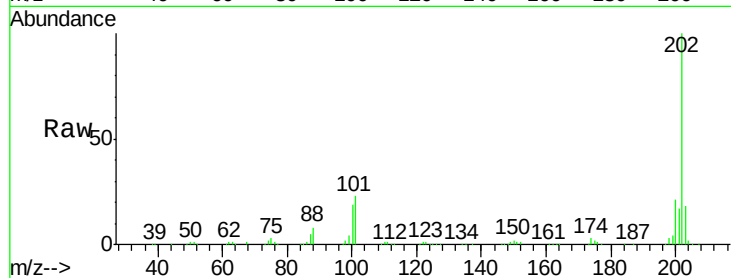




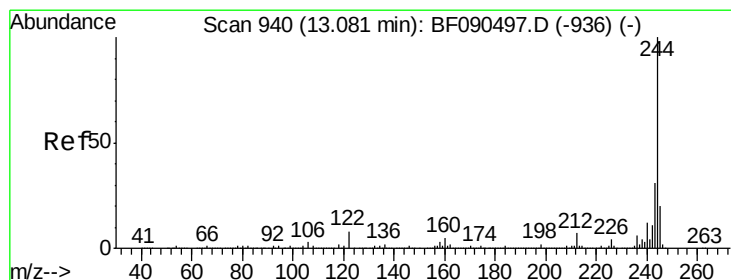
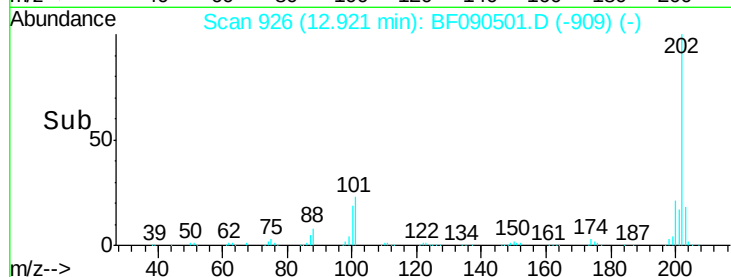
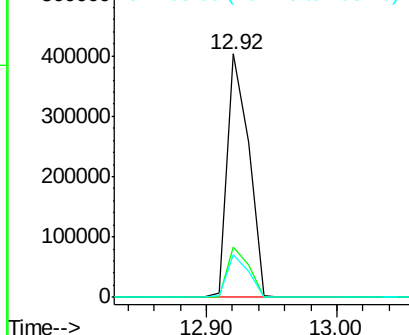
#77
Pvrene
Concen: 10.38 ng
RT: 12.92 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF090501.D
Acq: 11 Oct 2016 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 461119
Ion Ratio Lower Upper
202 100
200 20.9 18.5 27.7
203 17.7 15.0 22.6

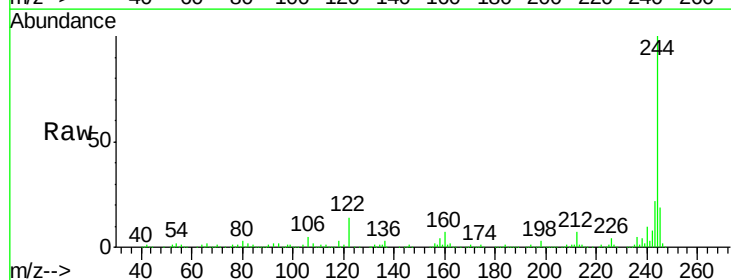


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

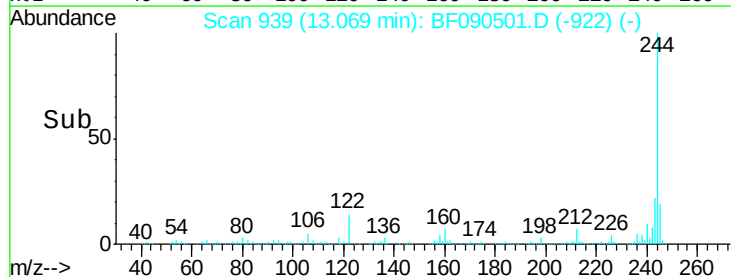
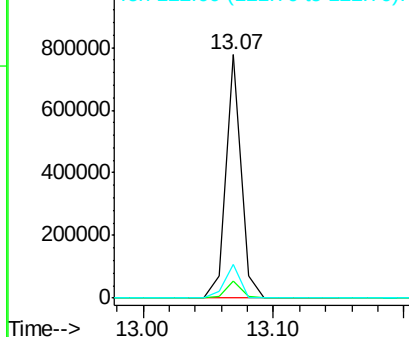


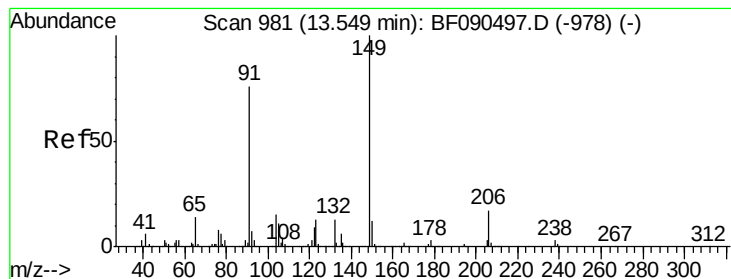
#78
Terphenyl-d14
Concen: 21.81 ng
RT: 13.07 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF090501.D
Acq: 11 Oct 2016 14:56

Tgt Ion:244 Resp: 633104
Ion Ratio Lower Upper
244 100
212 7.1 6.8 10.2
122 13.9 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: 11.17 ng

RT: 13.55 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Instrument :

BNA_F

ClientSampleId :

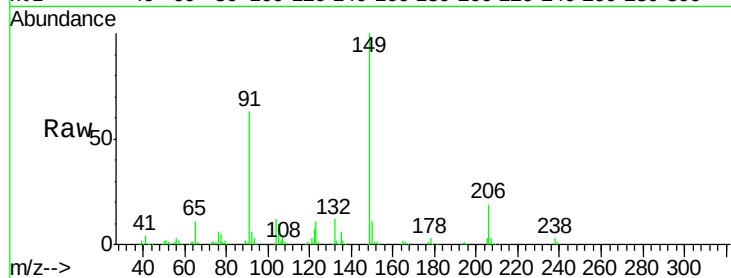
Tot Ion:149 Resp: 232227

Ion Ratio Lower Upper

149 100

91 62.7 51.8 77.8

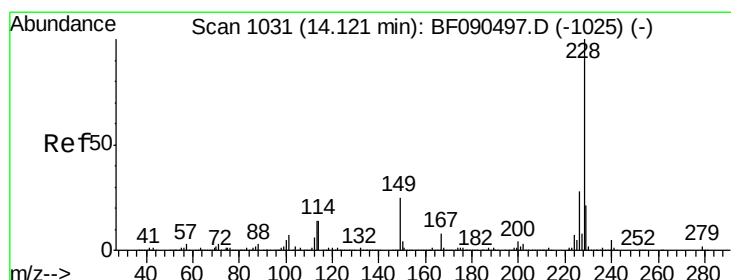
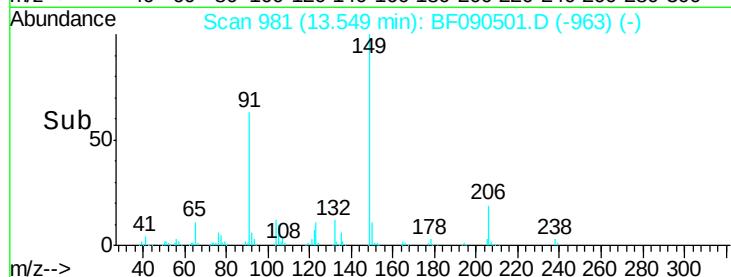
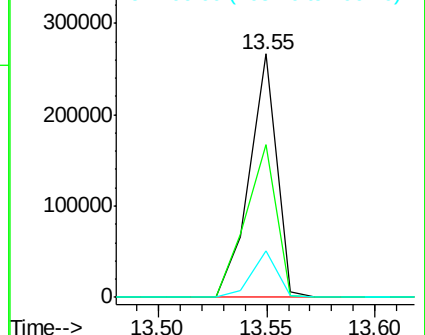
206 19.3 18.0 27.0



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: 10.52 ng

RT: 14.12 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

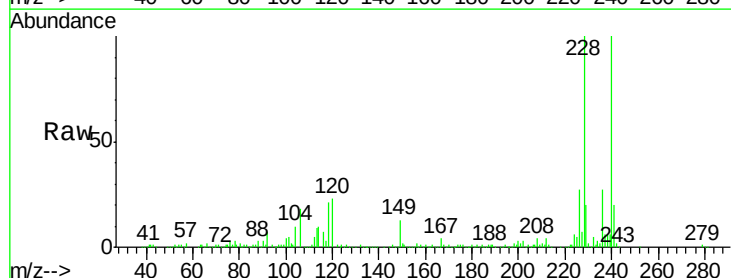
Tgt Ion:228 Resp: 444571

Ion Ratio Lower Upper

228 100

226 27.0 23.6 35.4

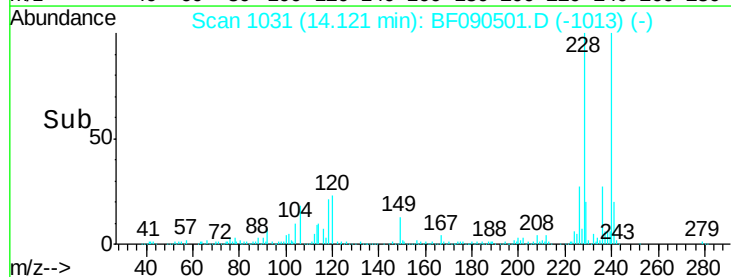
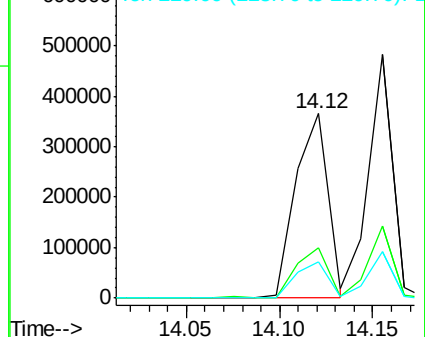
229 19.7 16.6 25.0

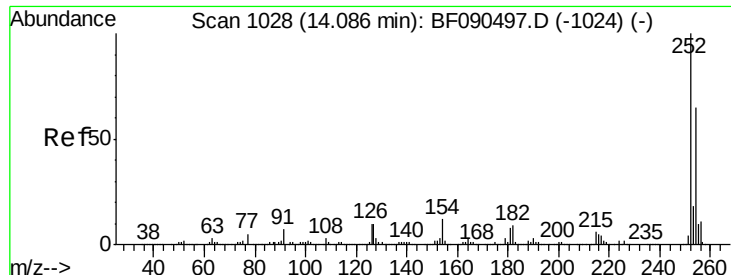


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

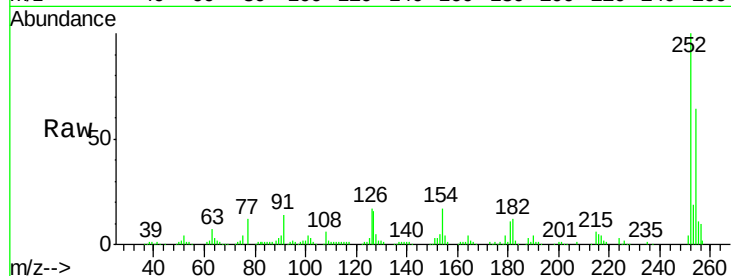




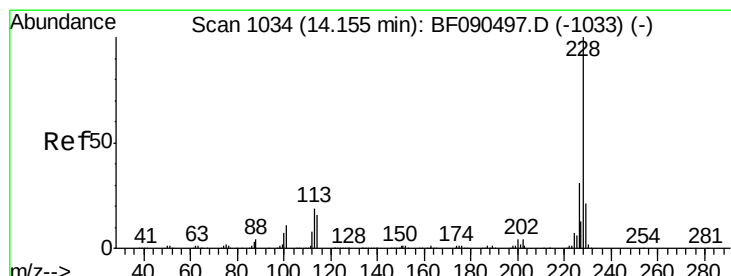
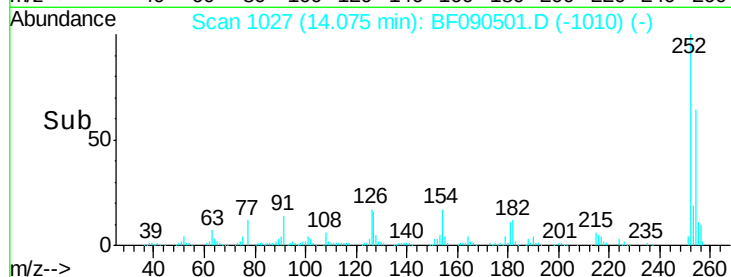
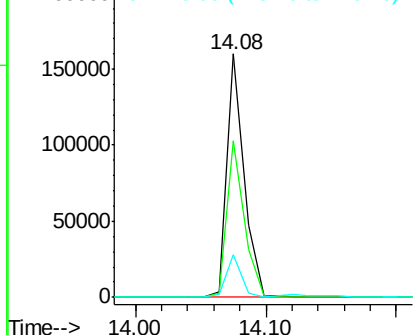
#81
 3,3'-Dichlorobenzidine
 Concen: 9.66 ng
 RT: 14.08 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF090501.D
 Acq: 11 Oct 2016 14:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 146904
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.1 78.1
 126 17.4 4.2 6.4#

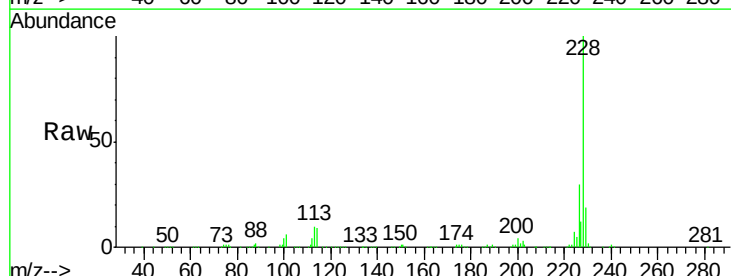


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

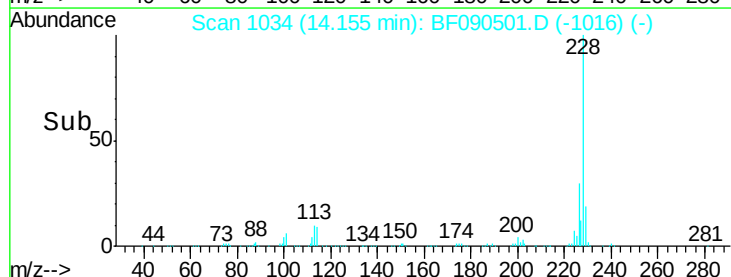
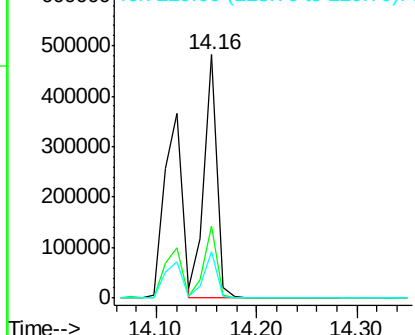


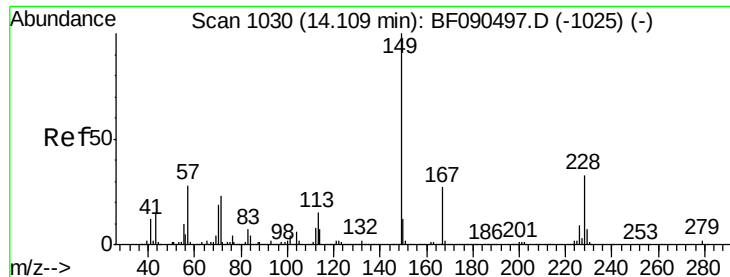
#82
 Chrysene
 Concen: 10.98 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF090501.D
 Acq: 11 Oct 2016 14:56

Tgt Ion:228 Resp: 432131
 Ion Ratio Lower Upper
 228 100
 226 29.7 25.8 38.6
 229 19.3 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: 11.26 ng

RT: 14.11 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Instrument :

BNA_F

ClientSampleId :

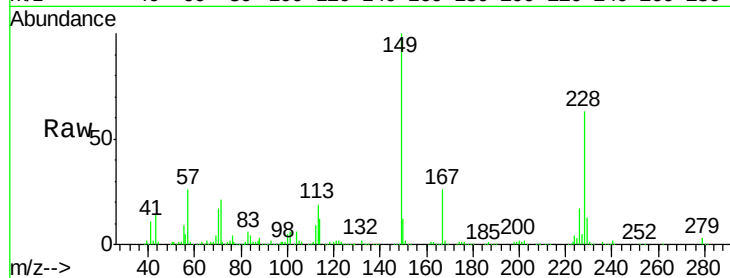
Tot Ion:149 Resp: 341566

Ion Ratio Lower Upper

149 100

167 25.8 21.5 32.3

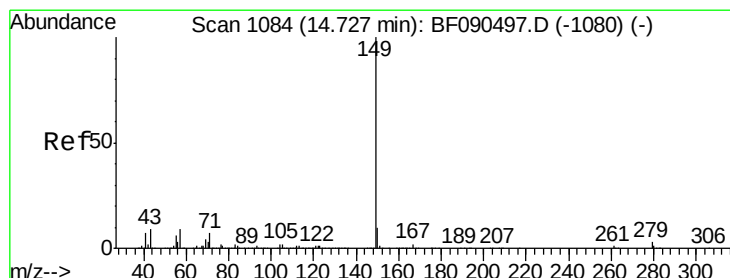
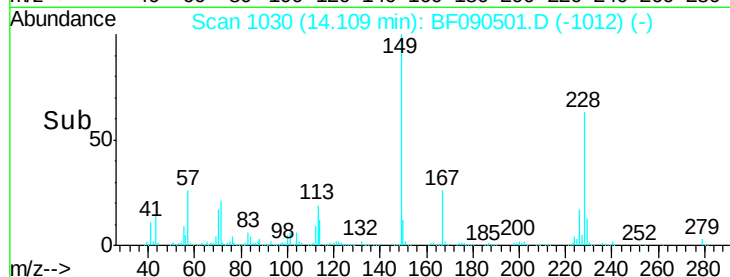
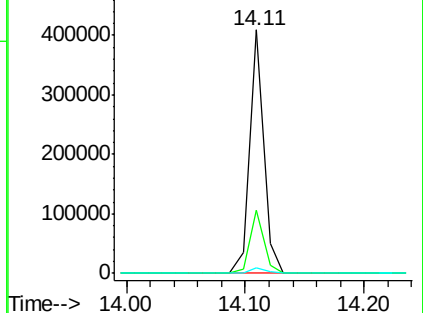
279 2.5 2.6 3.8#



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: 10.77 ng

RT: 14.73 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

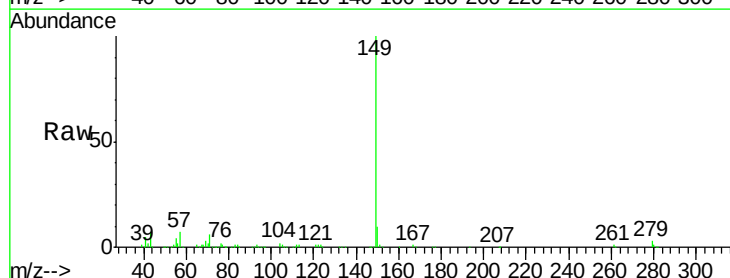
Tgt Ion:149 Resp: 506108

Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

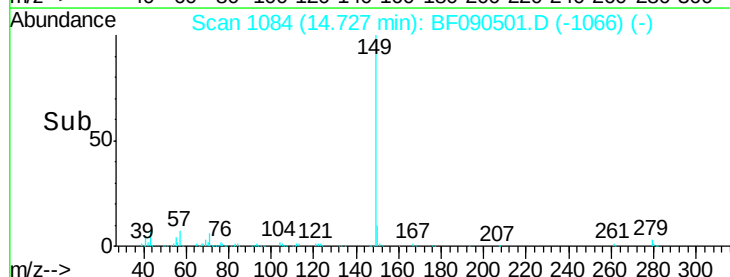
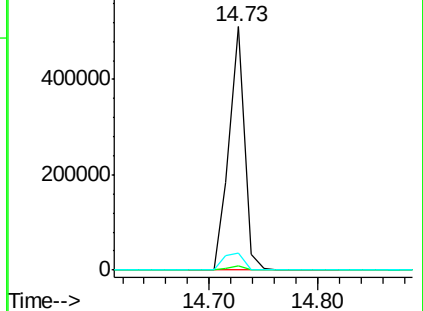
43 9.7 11.8 17.8#

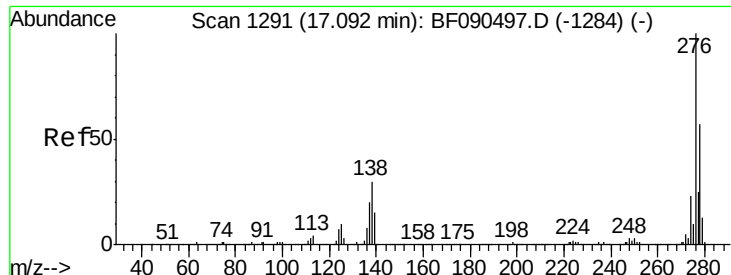


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

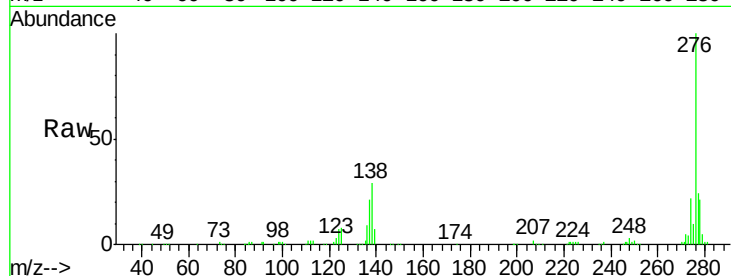




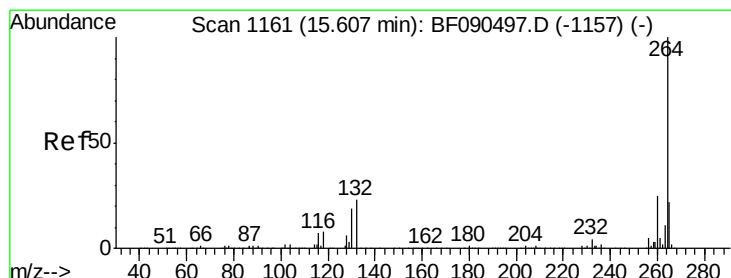
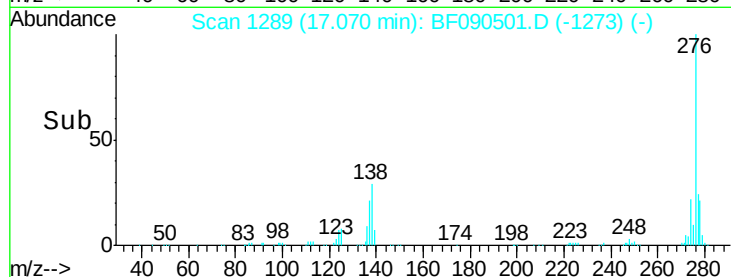
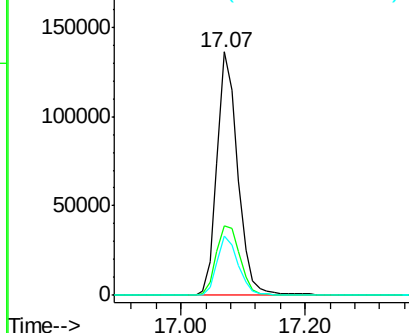
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.60 ng
RT: 17.07 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BF090501.D
Acq: 11 Oct 2016 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 314682
Ion Ratio Lower Upper
276 100
138 33.2 23.8 35.8
277 24.8 20.4 30.6

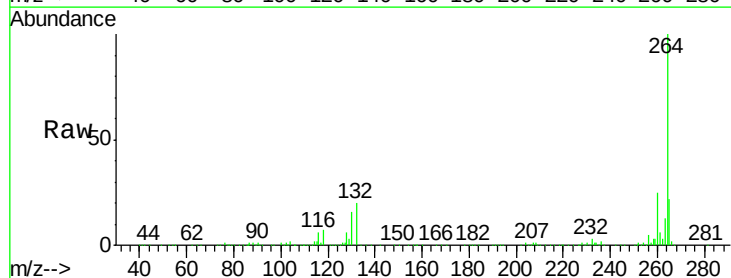


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

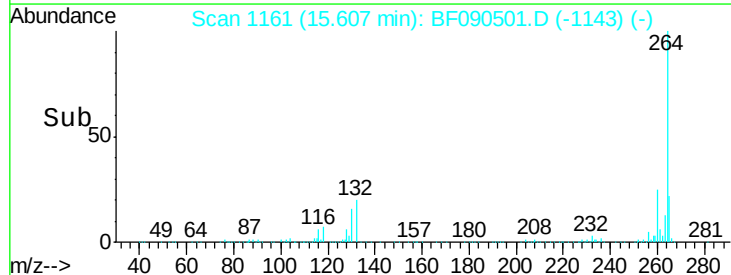
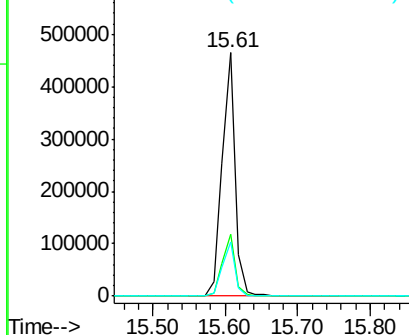


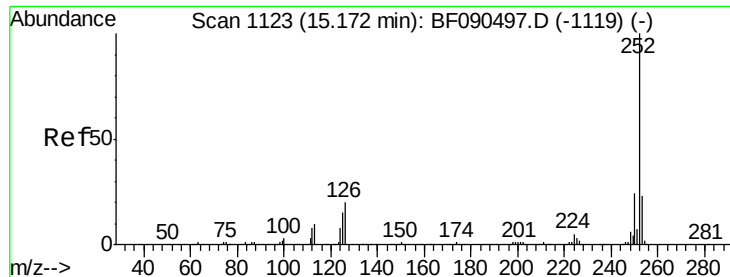
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF090501.D
Acq: 11 Oct 2016 14:56

Tgt Ion:264 Resp: 577362
Ion Ratio Lower Upper
264 100
260 25.2 19.3 28.9
265 22.1 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

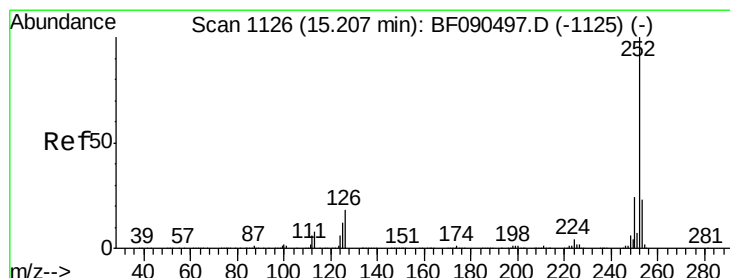
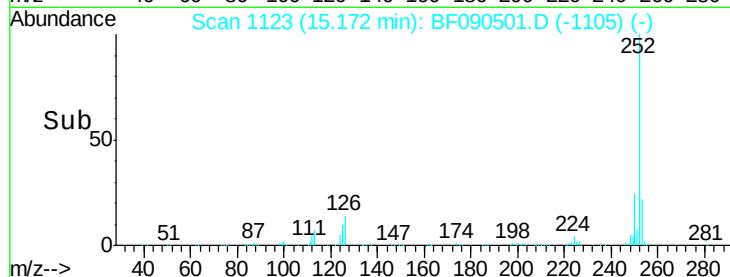
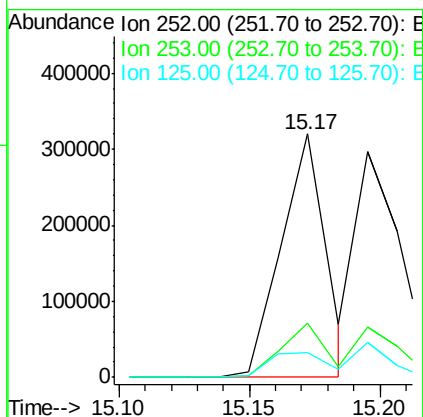
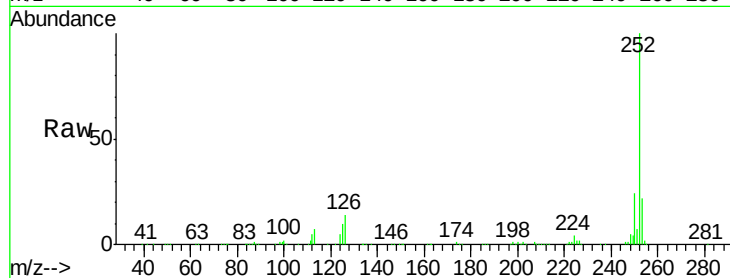




#87
Benzo(b)fluoranthene
Concen: 9.95 ng
RT: 15.17 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF090501.D
Acq: 11 Oct 2016 14:56

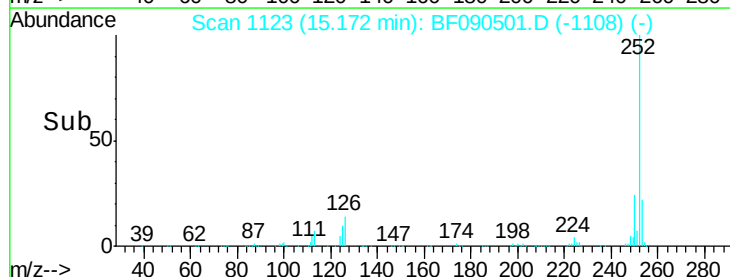
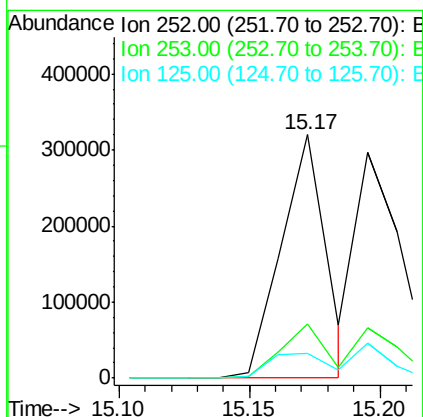
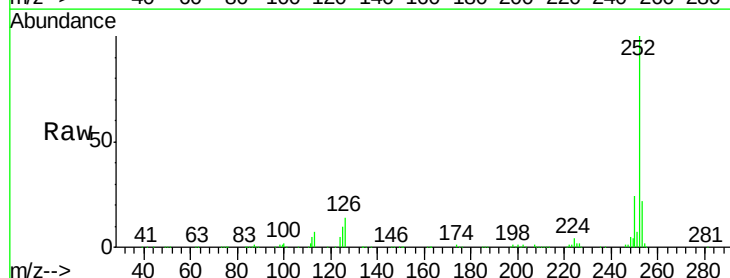
Instrument :
BNA_F
ClientSampleId :

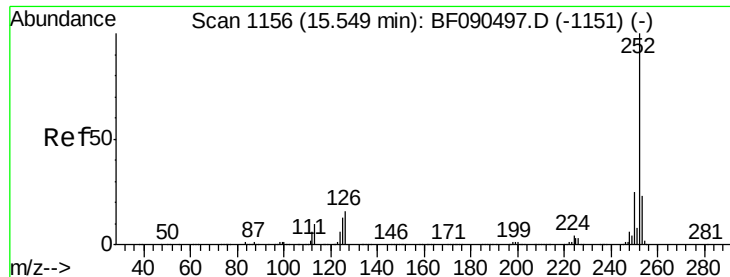
Tot Ion:252 Resp: 378953
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 10.4 7.0 10.4



#88
Benzo(k)fluoranthene
Concen: 11.18 ng
RT: 15.17 min Scan# 1123
Delta R.T. -0.03 min
Lab File: BF090501.D
Acq: 11 Oct 2016 14:56

Tgt Ion:252 Resp: 378953
Ion Ratio Lower Upper
252 100
253 22.0 18.6 27.8
125 10.4 11.7 17.5#





#89

Benzo(a)pyrene

Concen: 10.10 ng

RT: 15.54 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Instrument :

BNA_F

ClientSampleId :

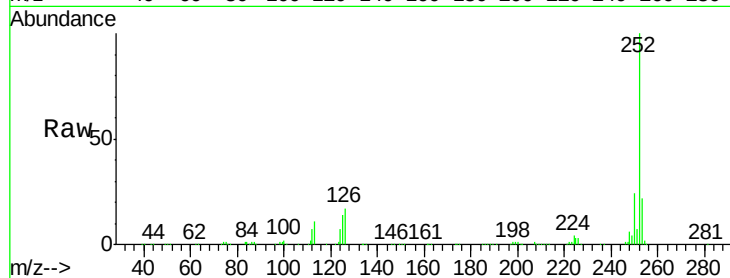
Tot Ion:252 Resp: 337826

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.4

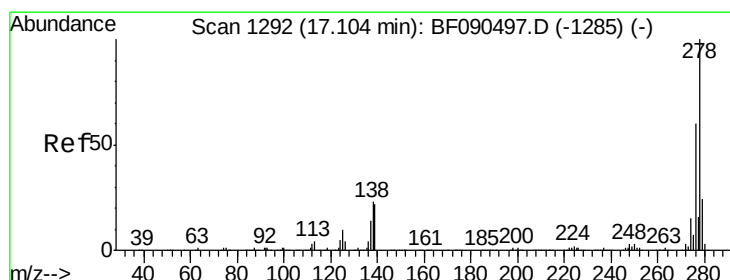
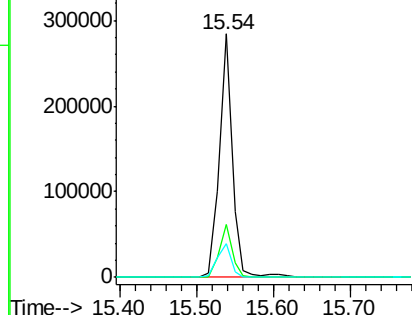
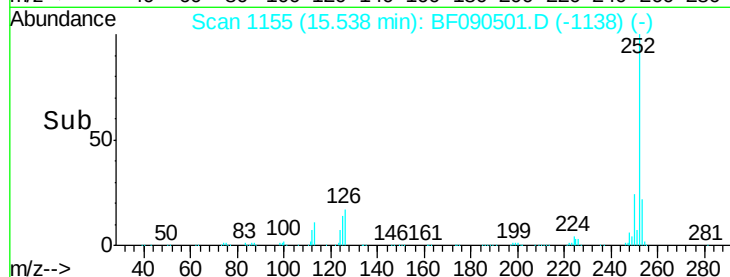
125 13.7 9.8 14.8



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: 9.81 ng

RT: 17.09 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

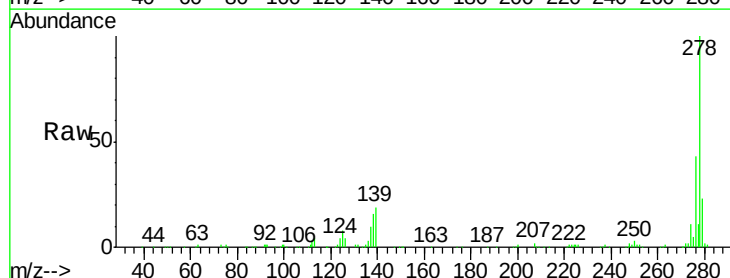
Tgt Ion:278 Resp: 278644

Ion Ratio Lower Upper

278 100

139 18.9 12.8 19.2

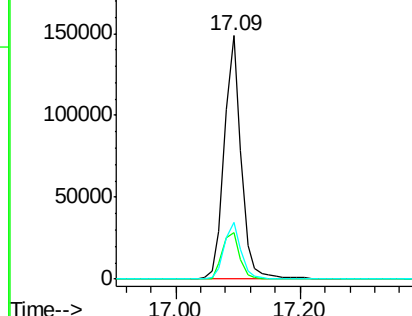
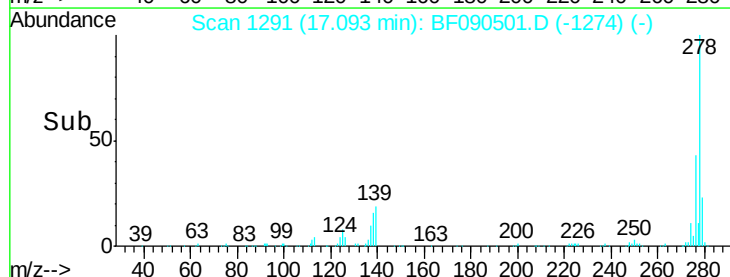
279 23.5 19.6 29.4

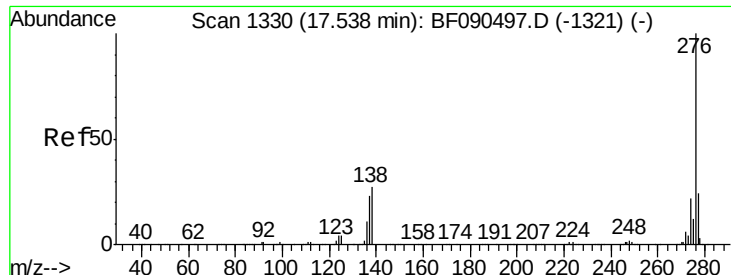


Abundance Ion 278.00 (277.70 to 278.70): E

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: 9.87 ng

RT: 17.52 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF090501.D

Acq: 11 Oct 2016 14:56

Instrument :

BNA_F

ClientSampleId :

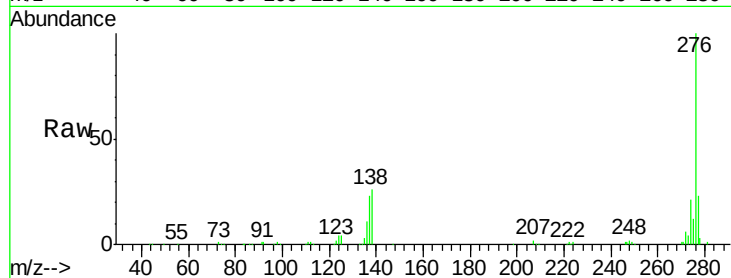
Tot Ion: 276 Resp: 259335

Ion Ratio Lower Upper

276 100

277 23.3 19.4 29.0

138 25.6 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

