

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090495.D
 Acq On : 11 Oct 2016 11:25
 Operator : UM/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 13:17:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 13:13:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	205232	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	801370	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	419971	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	695447	20.00	ng	0.00
75) Chrysene-d12	14.13	240	673915	20.00	ng	0.00
86) Perylene-d12	15.61	264	546234	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	280264	20.38	ng	-0.01
7) Phenol-d6	6.58	99	374559	20.80	ng	-0.01
23) Nitrobenzene-d5	7.50	82	320987	19.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	81847	23.97	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	546657	21.69	ng	0.00
78) Terphenyl-d14	13.07	244	604842	20.18	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.61	88	67136	9.90	ng	# 84
3) Pyridine	3.37	79	197731	10.46	ng	# 82
4) n-Nitrosodimethylamine	3.30	42	63866	8.19	ng	# 40
6) Aniline	6.61	93	222008	8.92	ng	# 89
8) 2-Chlorophenol	6.74	128	146695	9.69	ng	83
9) Benzaldehyde	6.50	77	116534	12.80	ng	89
10) Phenol	6.59	94	214954	10.27	ng	85
11) bis(2-Chloroethyl)ether	6.68	93	161557	10.08	ng	97
12) 1,3-Dichlorobenzene	6.89	146	151483	10.04	ng	# 90
13) 1,4-Dichlorobenzene	6.97	146	165391	10.79	ng	100
14) 1,2-Dichlorobenzene	7.13	146	150991	10.23	ng	95
15) Benzyl Alcohol	7.08	79	132262	9.66	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	219857	8.09	ng	91
17) 2-Methylphenol	7.19	107	114723	9.22	ng	97
18) Hexachloroethane	7.47	117	62030	10.27	ng	98
19) n-Nitroso-di-n-propylamine	7.35	70	123298	9.34	ng	# 81
20) 3+4-Methylphenols	7.35	107	161839	10.05	ng	# 68
22) Acetophenone	7.35	105	208714	11.00	ng	# 95
24) Nitrobenzene	7.53	77	177164	10.83	ng	97
25) Isophorone	7.77	82	285495	9.48	ng	96
26) 2-Nitrophenol	7.85	139	69354	9.85	ng	# 72
27) 2,4-Dimethylphenol	7.89	122	129057	9.43	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	185179	10.40	ng	# 96
29) 2,4-Dichlorophenol	8.10	162	104613	10.05	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	126412	11.78	ng	99
31) Naphthalene	8.26	128	441334	11.42	ng	97
32) Benzoic acid	7.96	122	92725	9.74	ng	93
33) 4-Chloroaniline	8.30	127	185772	11.63	ng	94
34) Hexachlorobutadiene	8.38	225	71028	11.85	ng	98
35) Caprolactam	8.63	113	33798	9.66	ng	# 86
36) 4-Chloro-3-methylphenol	8.78	107	138100	10.60	ng	99
37) 2-Methylnaphthalene	8.95	142	294391	12.58	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	111444	10.06	ng	99
40) Hexachlorocyclopentadiene	9.11	237	46848	7.72	ng	97

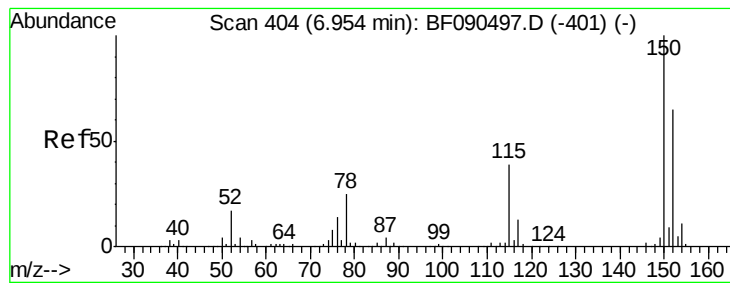
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	82784	10.83	nq	99
43) 2,4,5-Trichlorophenol	9.26	196	76430	10.58	nq	94
45) 1,1'-Biphenyl	9.41	154	333865	10.73	nq	93
46) 2-Chloronaphthalene	9.43	162	242715	10.56	nq	95
47) 2-Nitroaniline	9.53	65	84444	9.31	nq	# 86
48) Acenaphthylene	9.86	152	437121	11.52	nq	96
49) Dimethylphthalate	9.71	163	295155	10.97	nq	98
50) 2,6-Dinitrotoluene	9.78	165	60148	10.07	nq	# 57
51) Acenaphthene	10.03	154	283176	11.97	nq	99
52) 3-Nitroaniline	9.94	138	78435	11.24	nq	92
53) 2,4-Dinitrophenol	10.04	184	24843	9.33	nq	# 18
54) Dibenzofuran	10.20	168	373746	12.21	nq	98
55) 4-Nitrophenol	10.10	139	60676	9.94	nq	# 77
56) 2,4-Dinitrotoluene	10.18	165	82071	10.33	nq	90
57) Fluorene	10.54	166	308430	11.99	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.31	232	62853	11.65	nq	# 82
59) Diethylphthalate	10.42	149	310252	11.15	nq	94
60) 4-Chlorophenyl-phenylether	10.54	204	129677	11.08	nq	# 83
61) 4-Nitroaniline	10.54	138	74726	10.63	nq	93
62) Azobenzene	10.69	77	319587	9.94	nq	87
64) 4,6-Dinitro-2-methylphenol	10.58	198	40977	9.71	nq	# 81
65) n-Nitrosodiphenylamine	10.65	169	226854	9.73	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	71486	10.49	nq	# 77
67) Hexachlorobenzene	11.09	284	79390	10.46	nq	# 84
68) Atrazine	11.17	200	65307	11.36	nq	94
69) Pentachlorophenol	11.29	266	44925	9.94	nq	100
70) Phenanthrene	11.50	178	398388	11.19	nq	96
71) Anthracene	11.56	178	438822	12.07	nq	96
72) Carbazole	11.71	167	389502	11.53	nq	97
73) Di-n-butylphthalate	12.04	149	476016	11.58	nq	97
74) Fluoranthene	12.69	202	404586	11.58	nq	95
76) Benzidine	12.82	184	242689	13.70	nq	99
77) Pyrene	12.92	202	419734	9.34	nq	96
79) Butylbenzylphthalate	13.55	149	218117	9.46	nq	98
80) Benzo(a)anthracene	14.12	228	407172	10.77	nq	96
81) 3,3'-Dichlorobenzidine	14.08	252	138999	10.14	nq	# 96
82) Chrysene	14.16	228	399550	11.48	nq	96
83) Bis(2-ethylhexyl)phthalate	14.11	149	331071	10.10	nq	# 96
84) Di-n-octyl phthalate	14.73	149	479916	9.88	nq	# 90
85) Indeno(1,2,3-cd)pyrene	17.07	276	302081	12.18	nq	96
87) Benzo(b)fluoranthene	15.17	252	367891	10.57	nq	99
88) Benzo(k)fluoranthene	15.17	252	367891	11.26	nq	# 94
89) Benzo(a)pyrene	15.54	252	315363	10.52	nq	98
90) Dibenzo(a,h)anthracene	17.09	278	260852	10.22	nq	97
91) Benzo(g,h,i)perylene	17.52	276	248885	10.17	nq	98

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

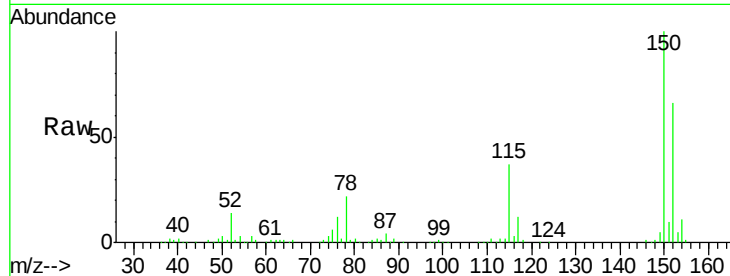


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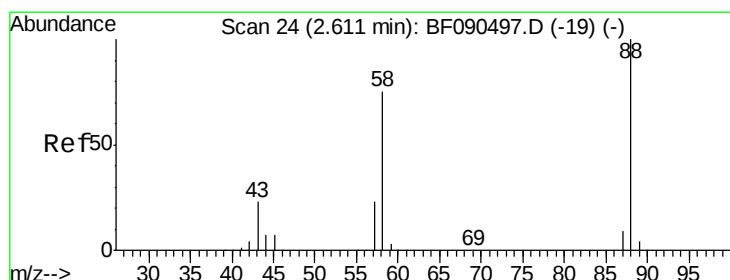
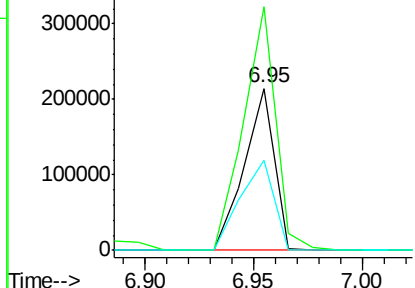
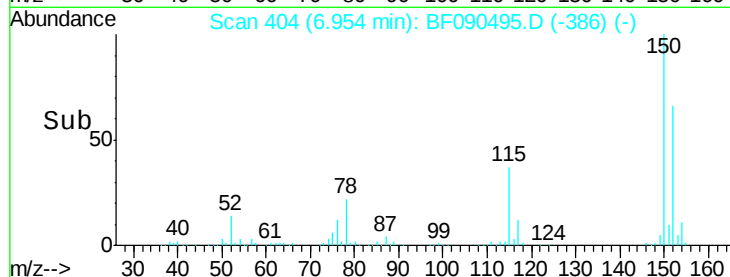
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 205232
Ion Ratio Lower Upper
152 100
150 150.6 124.6 186.8
115 55.4 46.2 69.4



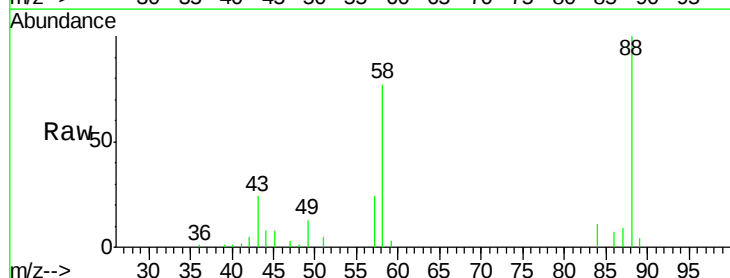
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



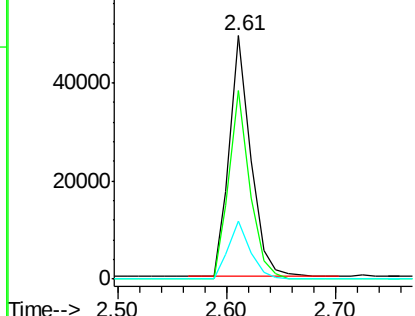
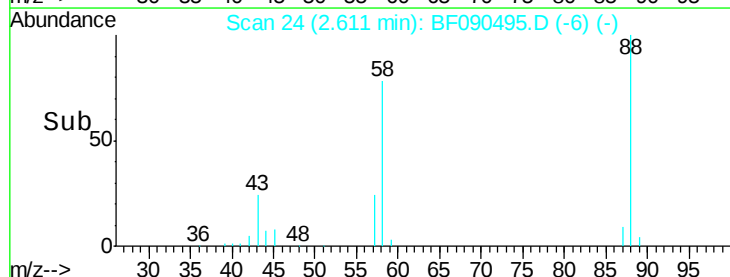
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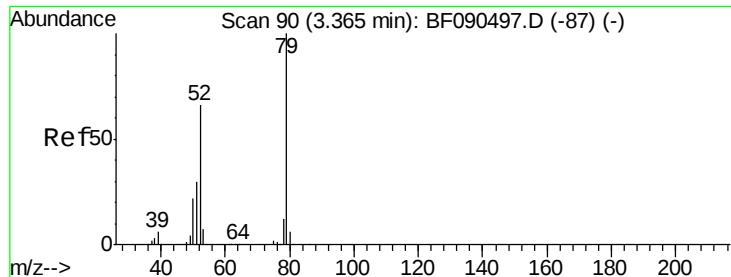
1,4-Dioxane
Concen: 9.90 ng
RT: 2.61 min Scan# 24
Delta R.T. 0.00 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

Tgt Ion: 88 Resp: 67136
Ion Ratio Lower Upper
88 100
58 76.4 71.2 106.8
43 24.7 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

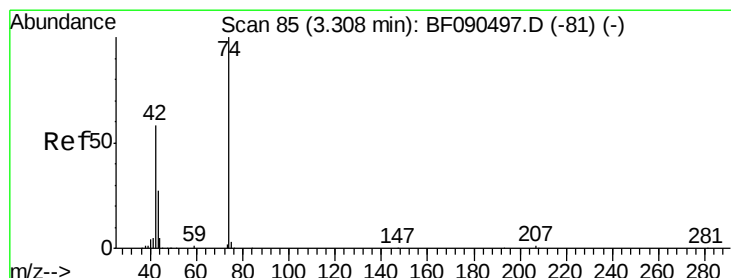
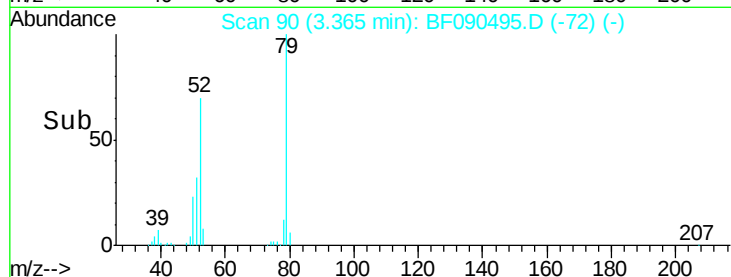
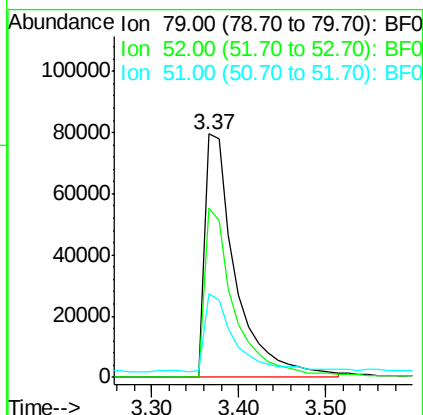
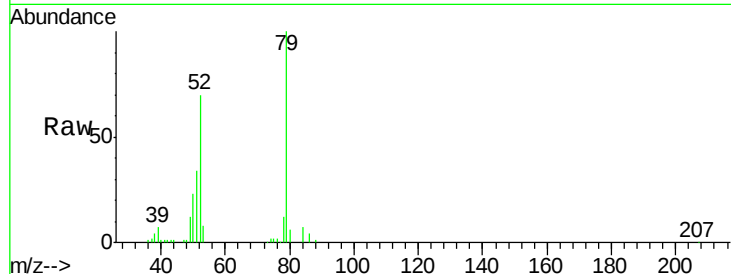




#3
 Pvridine
 Concen: 10.46 ng
 RT: 3.37 min Scan# 90
 Delta R.T. 0.00 min
 Lab File: BF090495.D
 Acq: 11 Oct 2016 11:25

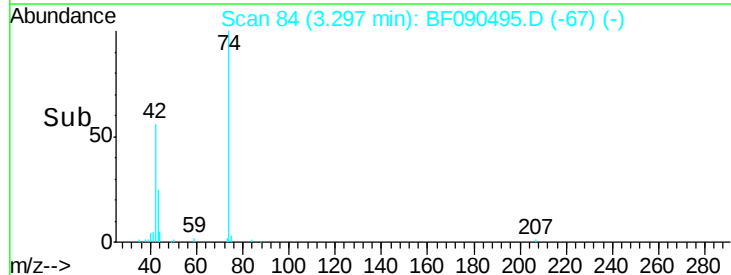
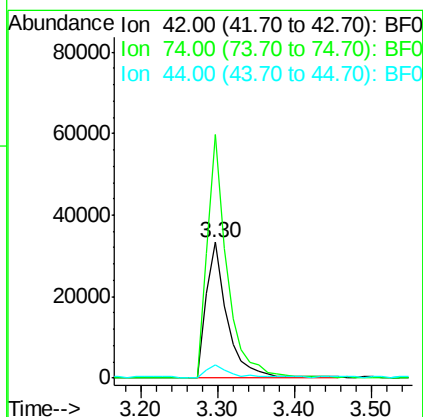
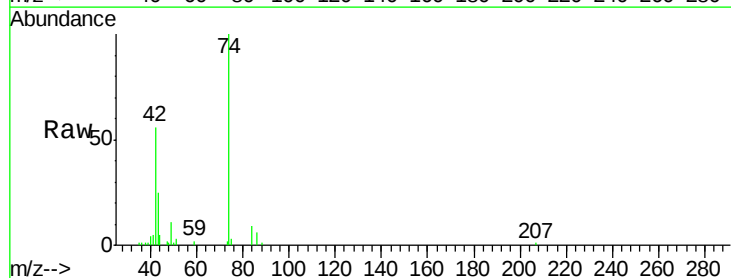
Instrument :
 BNA_F
 ClientSampleId :

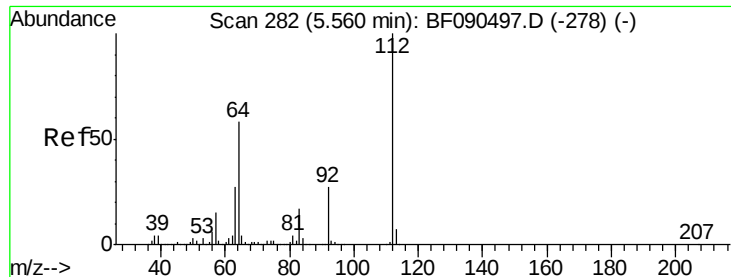
Tot Ion: 79 Resp: 197731
 Ion Ratio Lower Upper
 79 100
 52 69.7 71.3 106.9#
 51 34.1 34.5 51.7#



#4
 n-Nitrosodimethylamine
 Concen: 8.19 ng
 RT: 3.30 min Scan# 84
 Delta R.T. -0.01 min
 Lab File: BF090495.D
 Acq: 11 Oct 2016 11:25

Tgt Ion: 42 Resp: 63866
 Ion Ratio Lower Upper
 42 100
 74 179.6 88.9 133.3#
 44 9.7 6.5 9.7





#5

2-Fluorophenol

Concen: 20.38 ng

RT: 5.55 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

Instrument :

BNA_F

ClientSampleId :

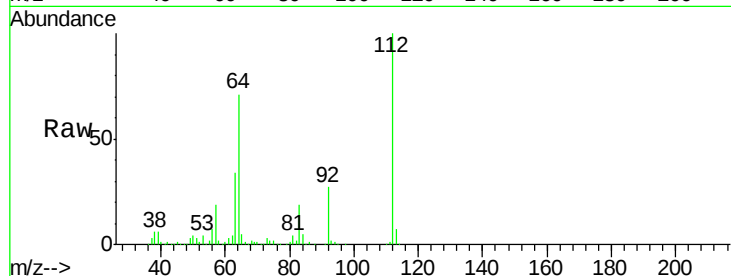
Tot Ion:112 Resp: 280264

Ion Ratio Lower Upper

112 100

64 70.7 57.9 86.9

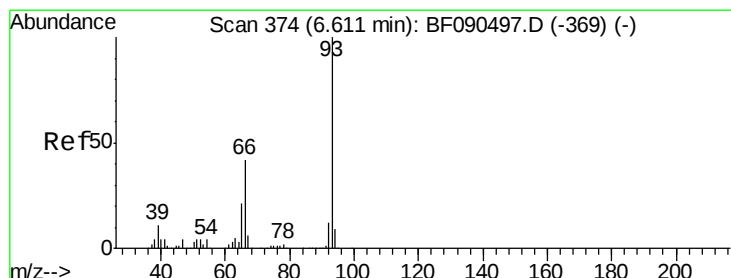
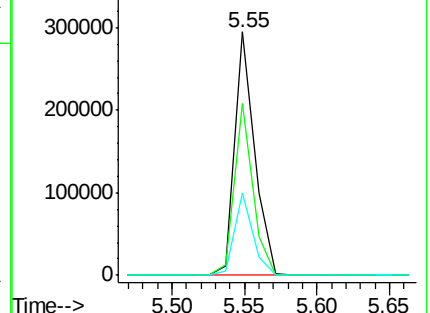
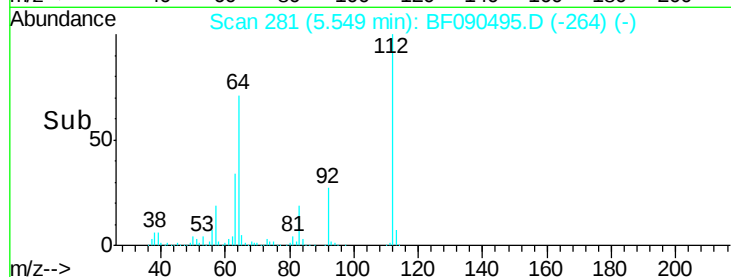
63 33.6 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.92 ng

RT: 6.61 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

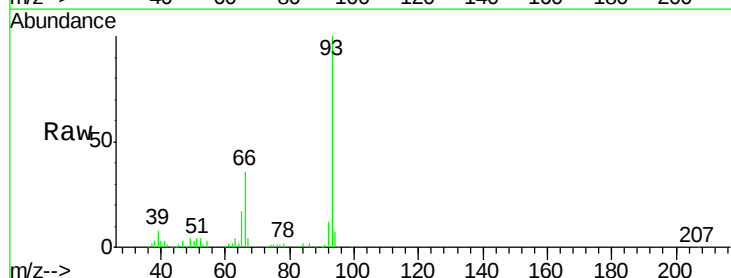
Tgt Ion: 93 Resp: 222008

Ion Ratio Lower Upper

93 100

66 35.8 34.5 51.7

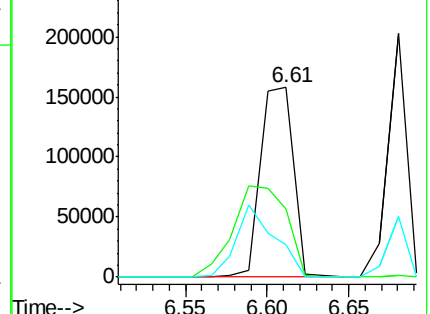
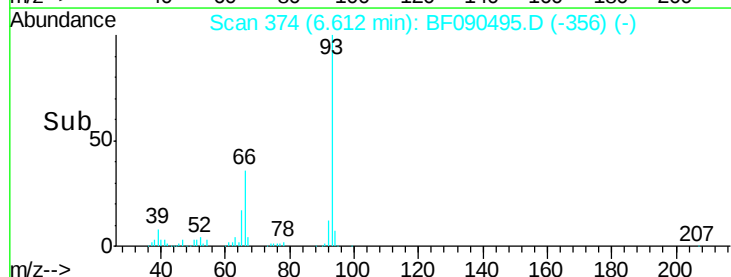
65 17.4 18.2 27.2#

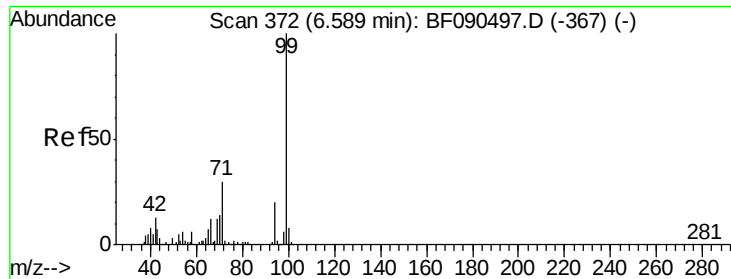


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 20.80 ng

RT: 6.58 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

Instrument :

BNA_F

ClientSampleId :

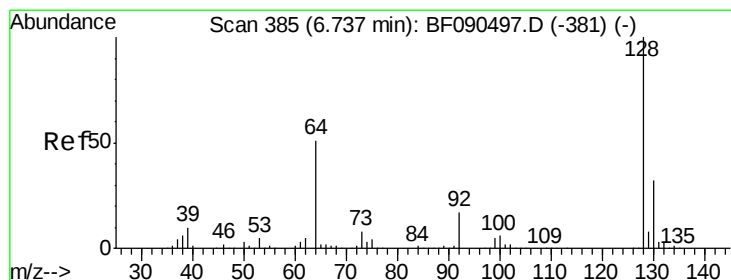
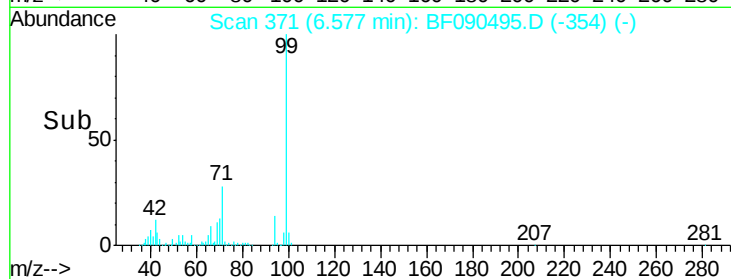
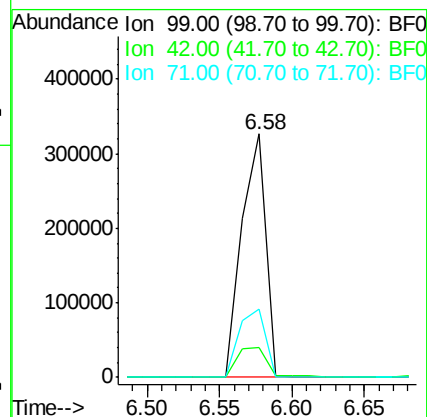
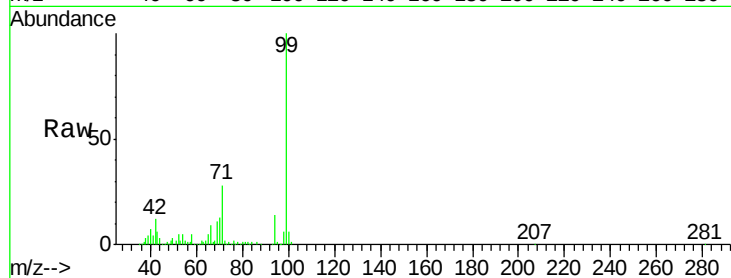
Tot Ion: 99 Resp: 374559

Ion Ratio Lower Upper

99 100

42 12.3 20.0 30.0#

71 27.9 27.9 41.9#



#8

2-Chlorophenol

Concen: 9.69 ng

RT: 6.74 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

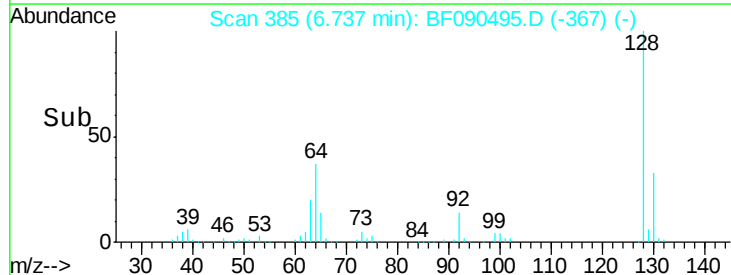
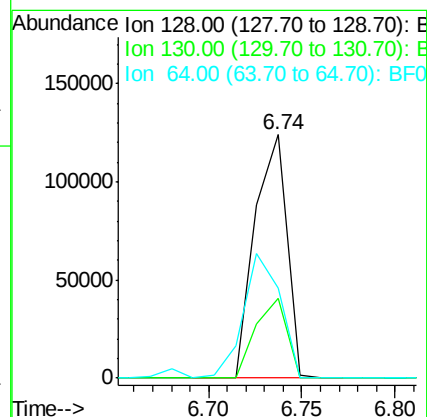
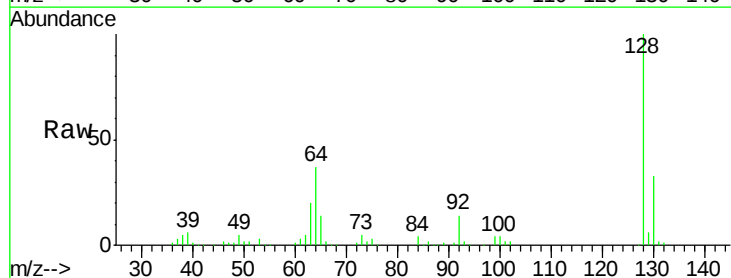
Tgt Ion: 128 Resp: 146695

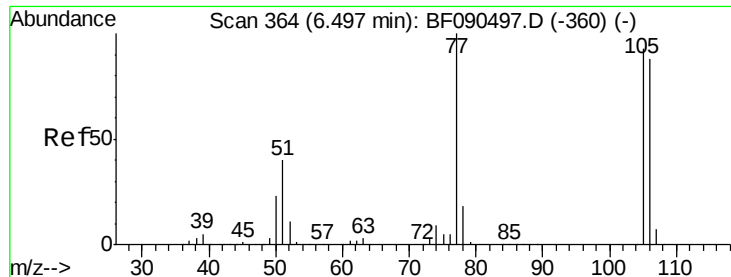
Ion Ratio Lower Upper

128 100

130 32.8 13.3 53.3

64 36.9 36.0 76.0





#9

Benzaldehyde

Concen: 12.80 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

Instrument :

BNA_F

ClientSampled :

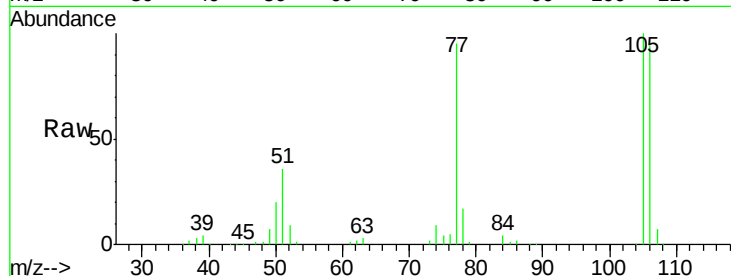
Tot Ion: 77 Resp: 116534

Ion Ratio Lower Upper

77 100

105 105.4 73.1 113.1

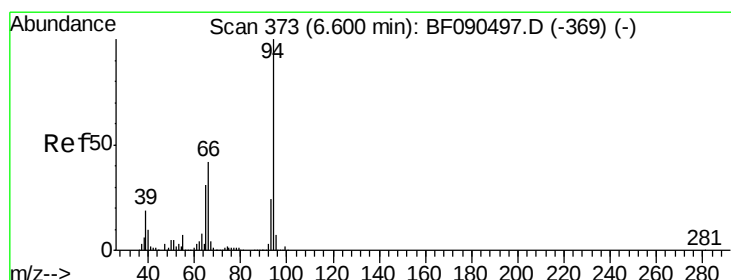
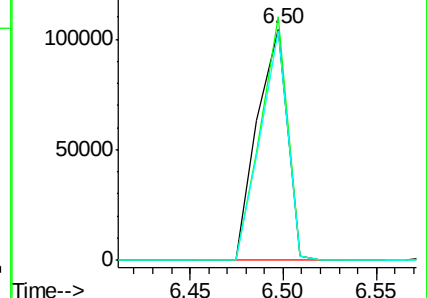
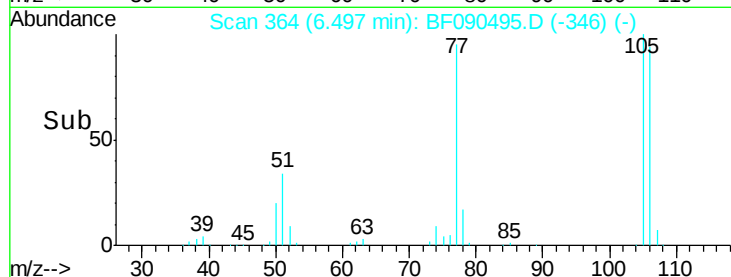
106 99.5 70.2 110.2



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: 10.27 ng

RT: 6.59 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

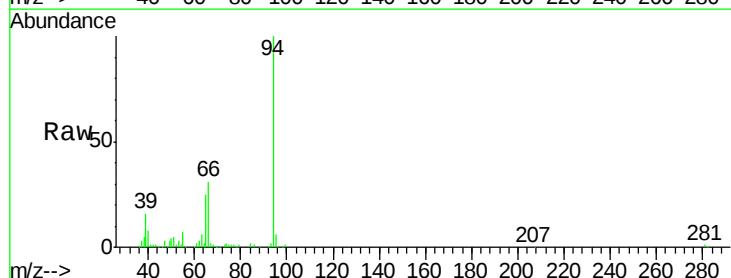
Tgt Ion: 94 Resp: 214954

Ion Ratio Lower Upper

94 100

65 24.9 13.3 53.3

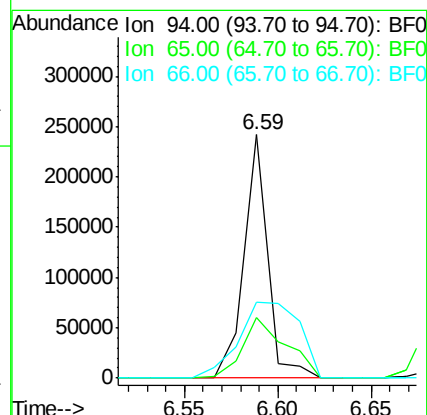
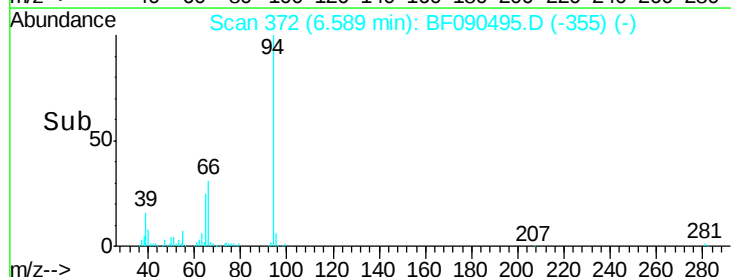
66 31.4 20.4 60.4

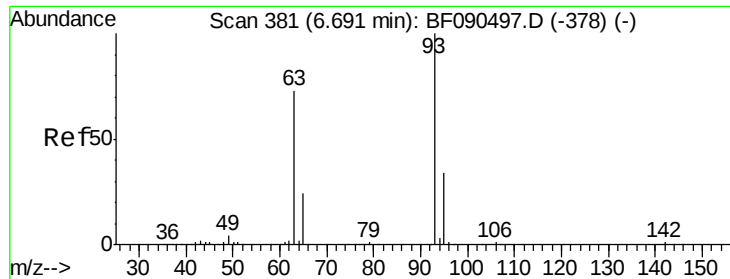


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

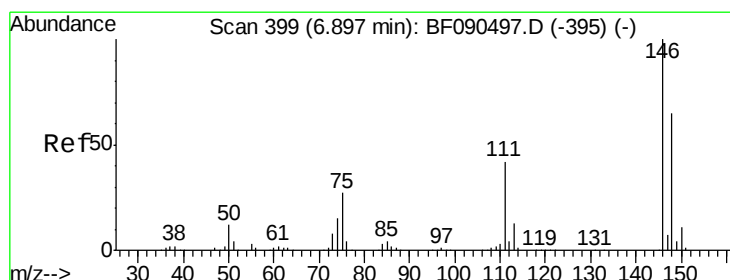
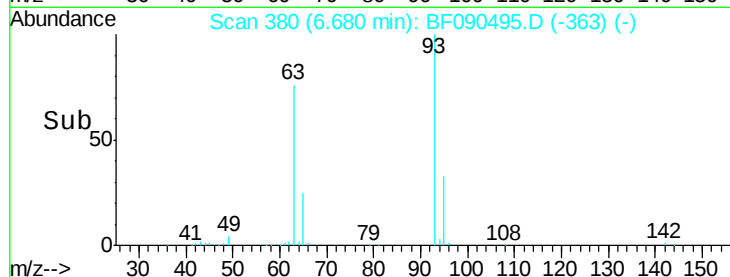
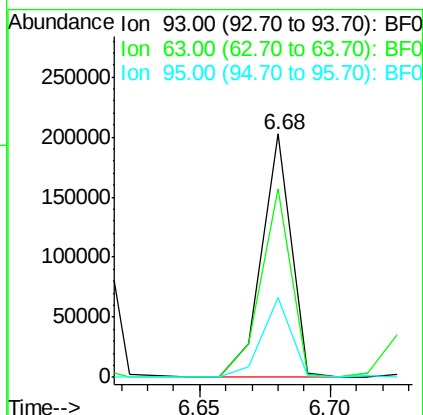
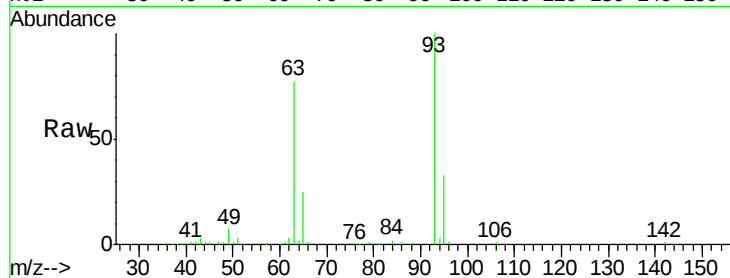




#11
bis(2-Chloroethyl)ether
Concen: 10.08 ng
RT: 6.68 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

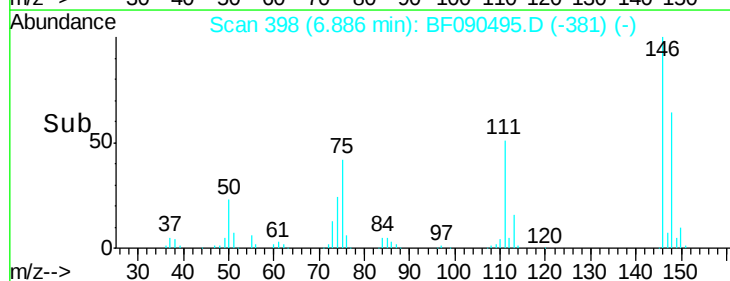
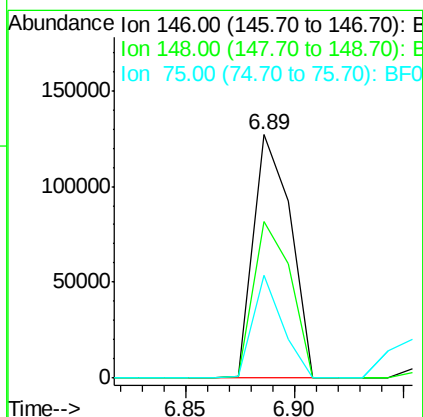
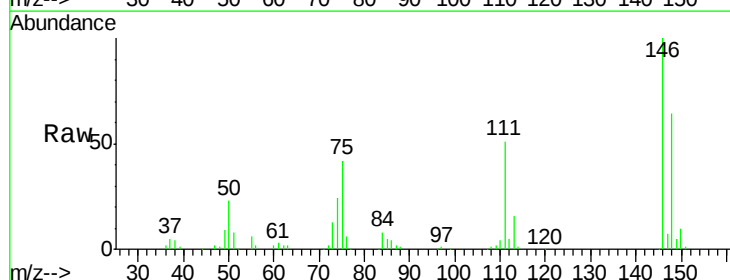
Instrument :
BNA_F
ClientSampleId :

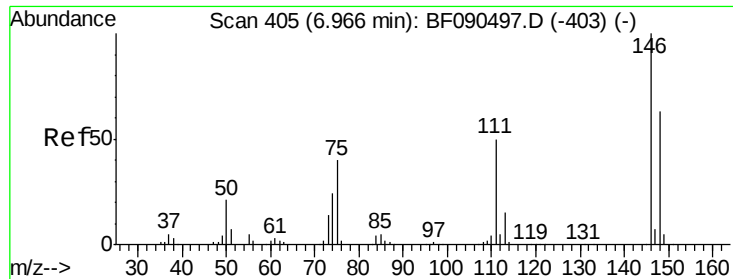
Tot Ion: 93 Resp: 161557
Ion Ratio Lower Upper
93 100
63 77.4 59.7 99.7
95 32.7 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 10.04 ng
RT: 6.89 min Scan# 398
Delta R.T. -0.01 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

Tgt Ion: 146 Resp: 151483
Ion Ratio Lower Upper
146 100
148 64.2 52.2 78.4
75 42.4 21.4 32.2#

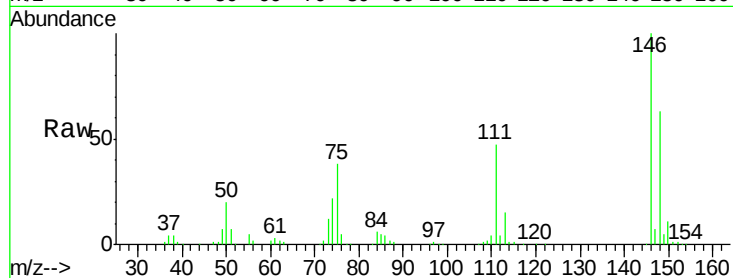




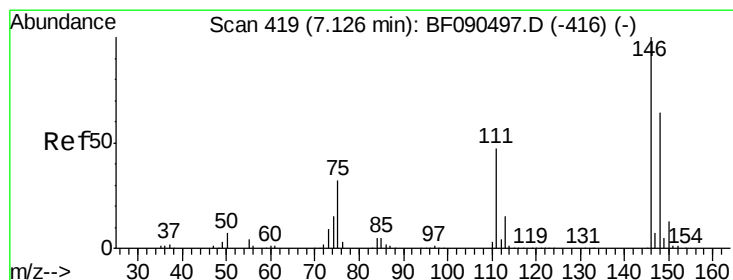
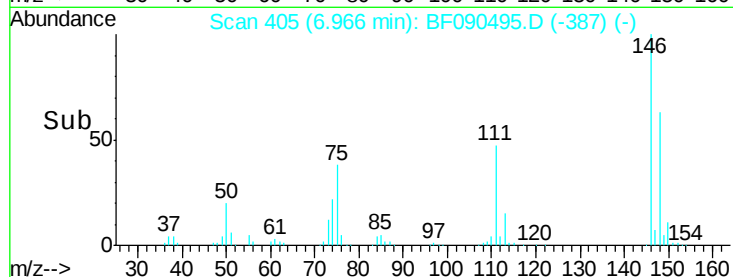
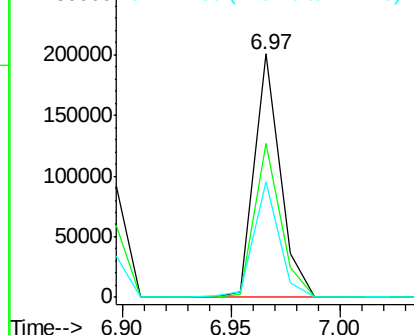
#13
1,4-Dichlorobenzene
Concen: 10.79 ng
RT: 6.97 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:146 Resp: 165391
Ion Ratio Lower Upper
146 100
148 63.5 51.1 76.7
111 47.5 37.8 56.6

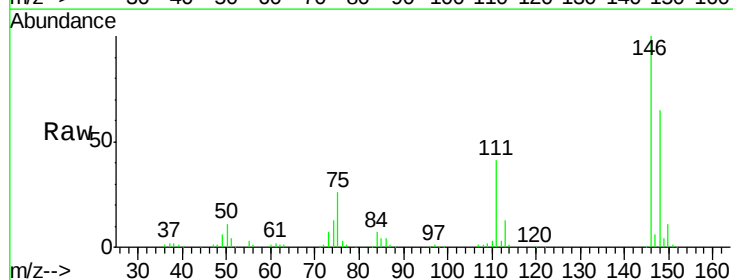


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

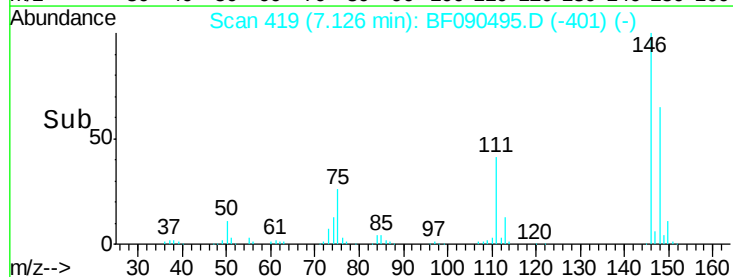
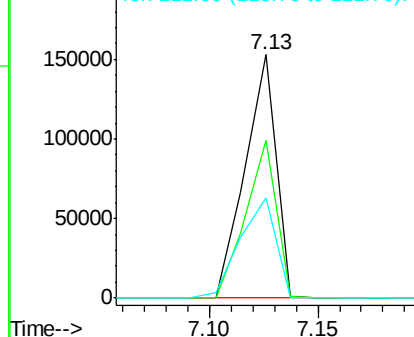


#14
1,2-Dichlorobenzene
Concen: 10.23 ng
RT: 7.13 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

Tgt Ion:146 Resp: 150991
Ion Ratio Lower Upper
146 100
148 64.7 52.3 78.5
111 41.1 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: 9.66 ng

RT: 7.08 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

Instrument :

BNA_F

ClientSampled :

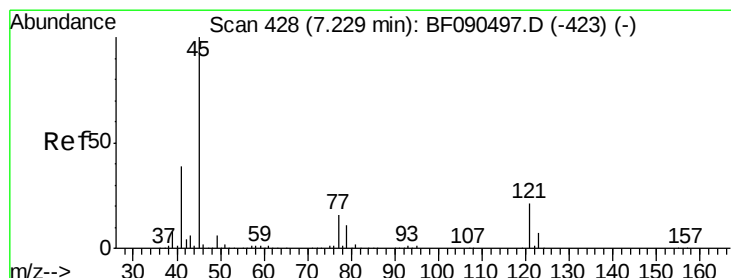
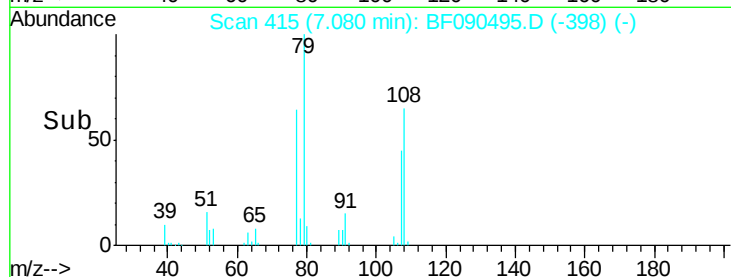
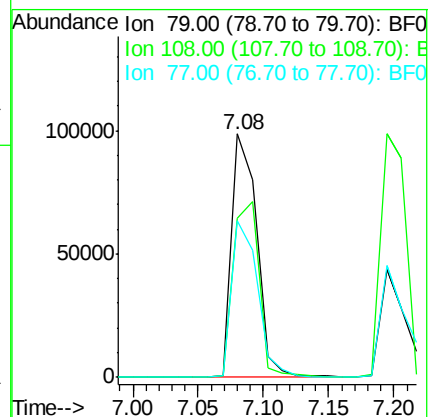
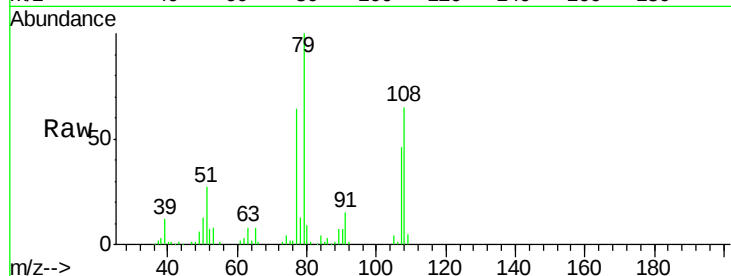
Tot Ion: 79 Resp: 132262

Ion Ratio Lower Upper

79 100

108 65.5 60.9 91.3

77 64.4 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.09 ng

RT: 7.23 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

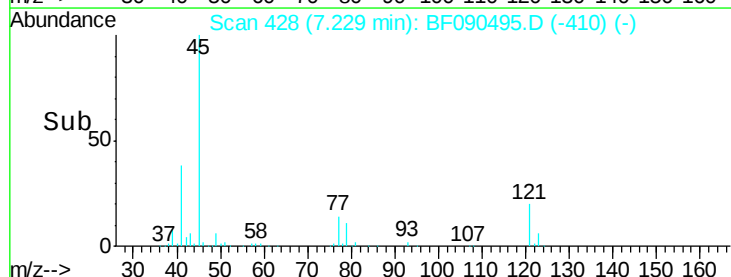
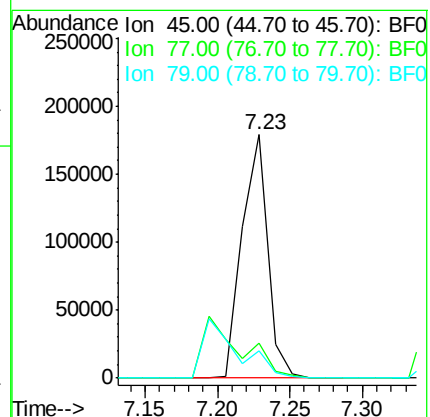
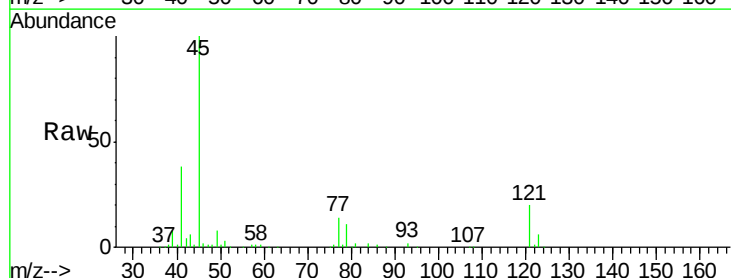
Tgt Ion: 45 Resp: 219857

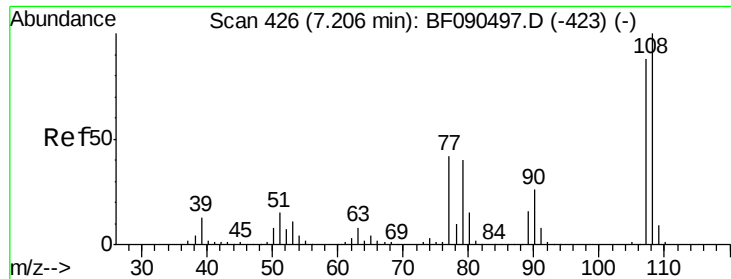
Ion Ratio Lower Upper

45 100

77 14.4 0.0 30.8

79 11.2 0.0 28.2





#17

2-Methylphenol

Concen: 9.22 ng

RT: 7.19 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 114723

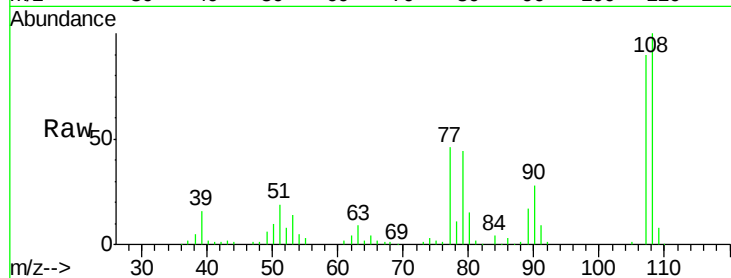
Ion Ratio Lower Upper

107 100

108 111.0 90.9 136.3

77 50.9 38.2 57.4

79 49.0 37.0 55.4

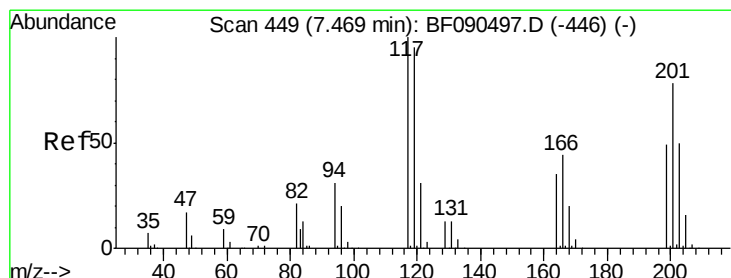
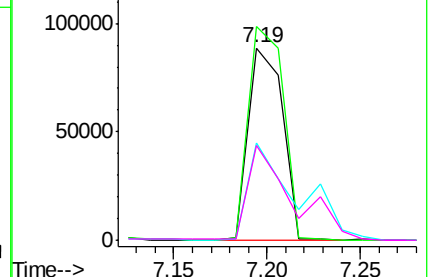
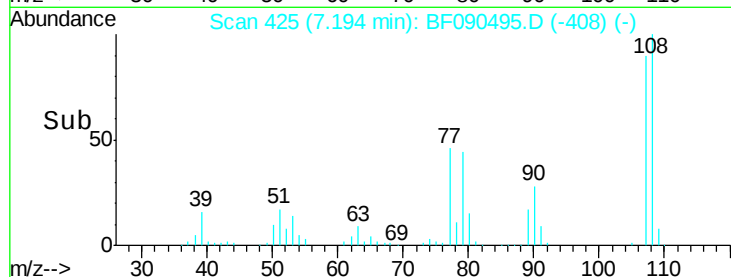


Abundance Ion 107.00 (106.70 to 107.70): E

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: 10.27 ng

RT: 7.47 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

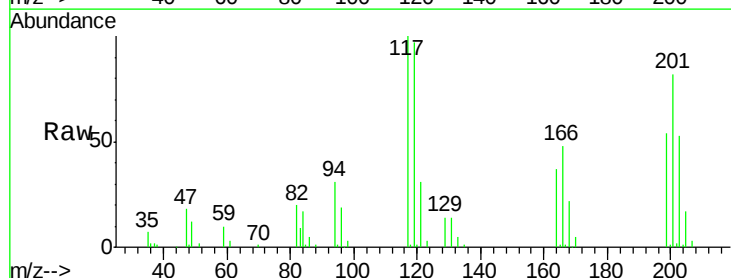
Tgt Ion:117 Resp: 62030

Ion Ratio Lower Upper

117 100

119 96.6 75.9 113.9

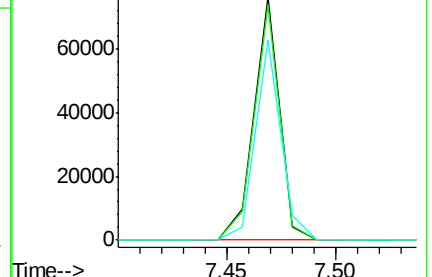
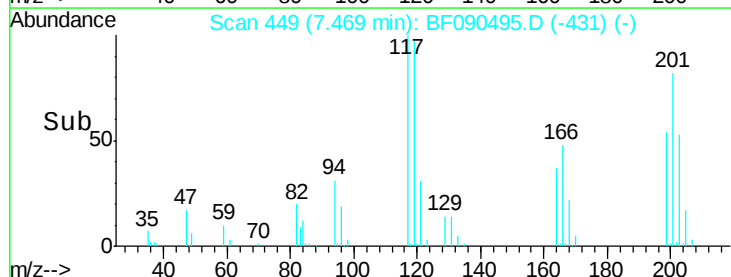
201 82.0 66.5 99.7

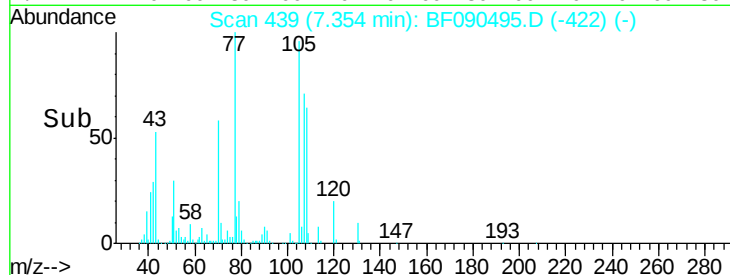
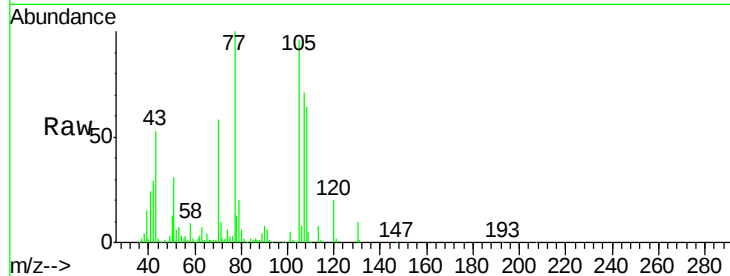
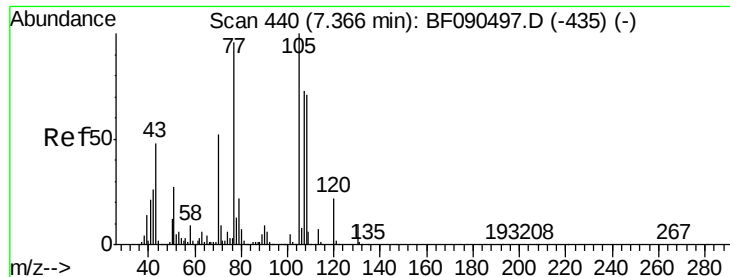


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

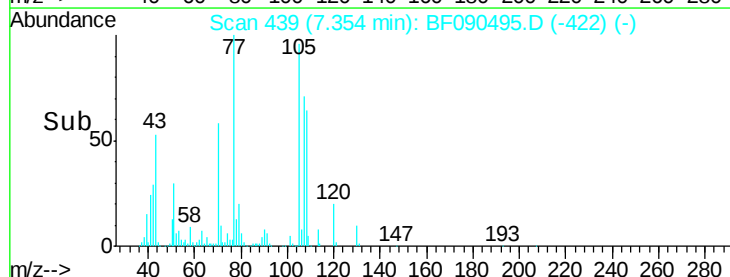
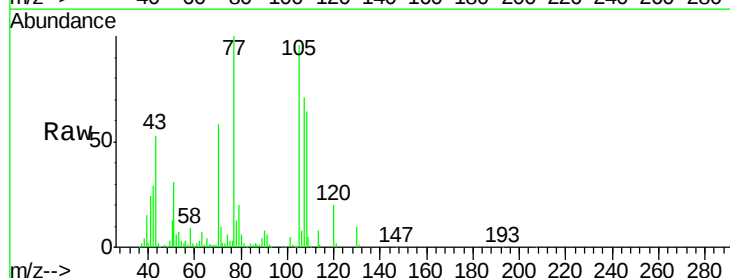
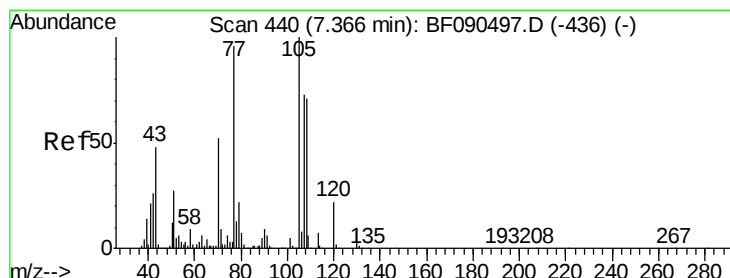
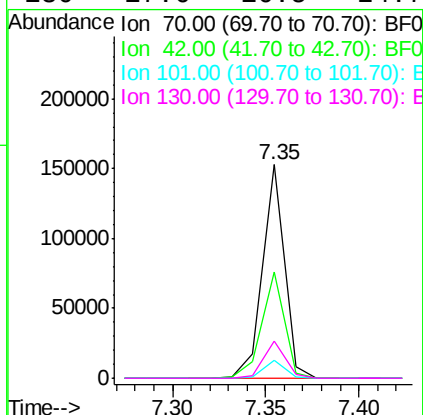




#19
n-Nitroso-di-n-propylamine
Concen: 9.34 ng
RT: 7.35 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

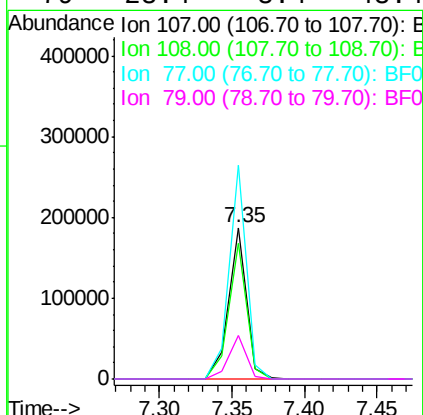
Instrument :
BNA_F
ClientSampleId :

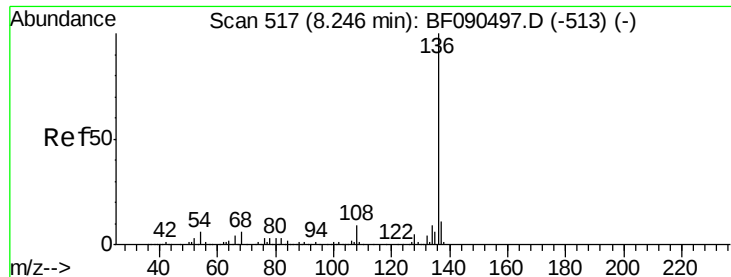
Tot Ion:	70	Resp:	123298
Ion	Ratio	Lower	Upper
70	100		
42	49.5	55.4	83.2#
101	8.4	7.6	11.4
130	17.6	16.5	24.7



#20
3+4-Methylphenols
Concen: 10.05 ng
RT: 7.35 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

Tgt Ion:	107	Resp:	161839
Ion	Ratio	Lower	Upper
107	100		
108	89.5	66.7	106.7
77	140.8	53.7	93.7#
79	28.4	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: BF090495.D

Acq: 11 Oct 2016 11:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 801370

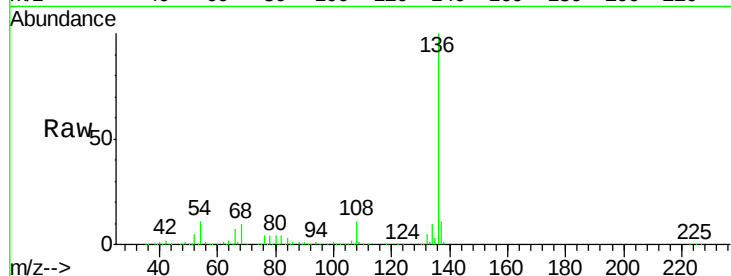
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 10.9 6.6 10.0#

68 9.6 5.0 7.6#



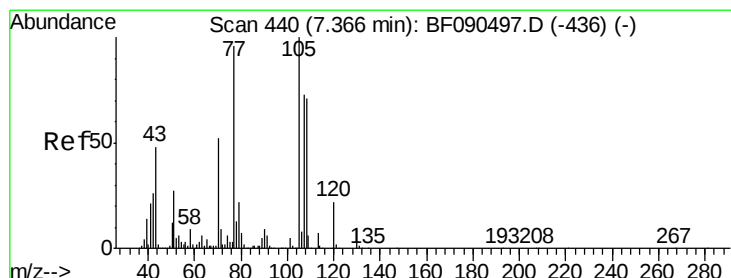
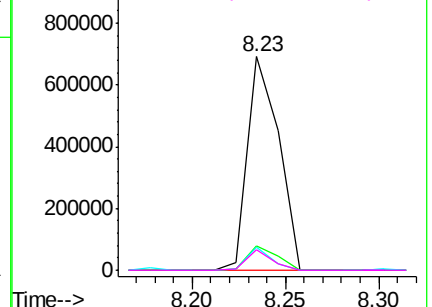
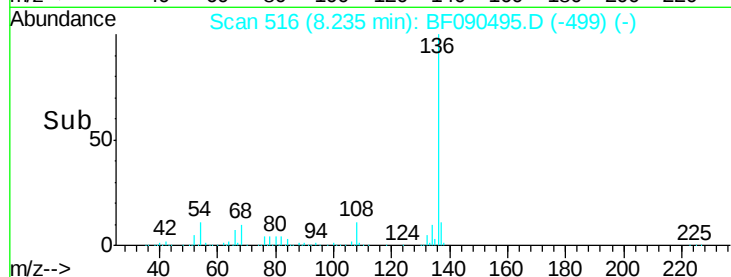
Abundance

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: 11.00 ng

RT: 7.35 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

Tgt Ion:105 Resp: 208714

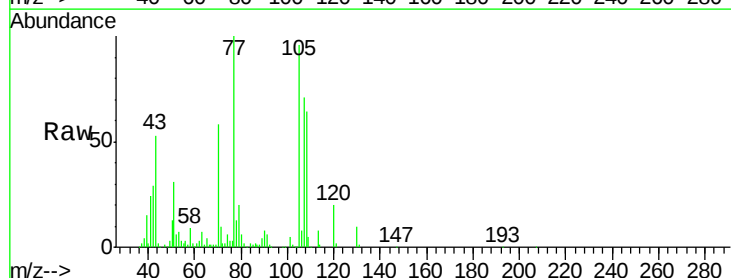
Ion Ratio Lower Upper

105 100

71 10.1 3.8 5.6#

51 31.9 28.2 42.4

120 21.2 17.4 26.2



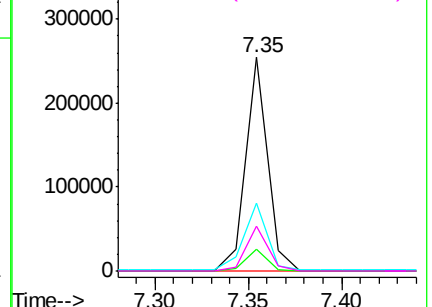
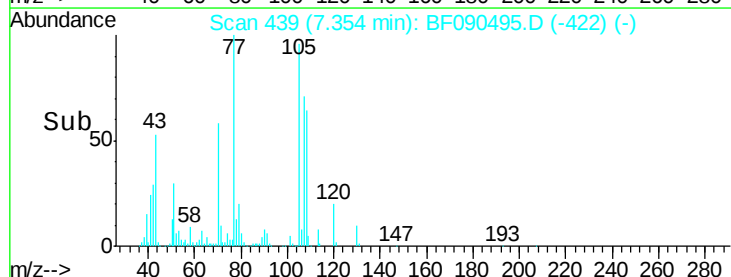
Abundance

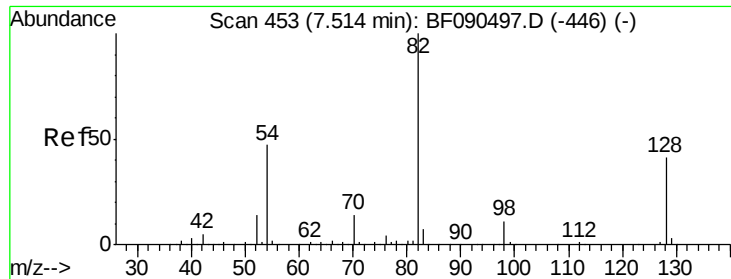
Ion 105.00 (104.70 to 105.70): E

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

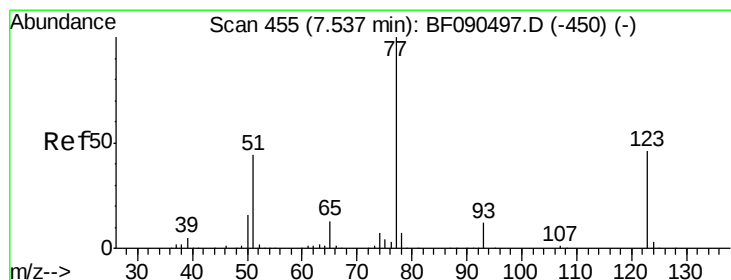
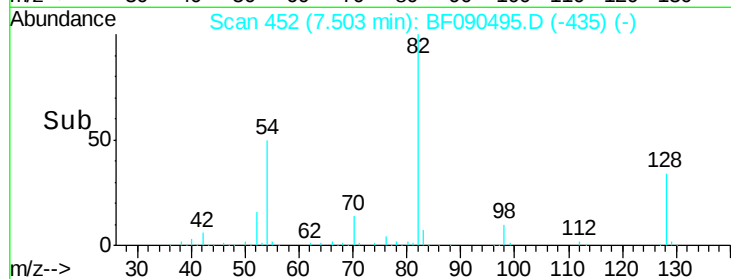
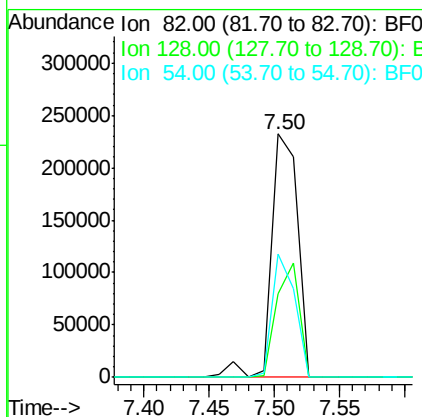
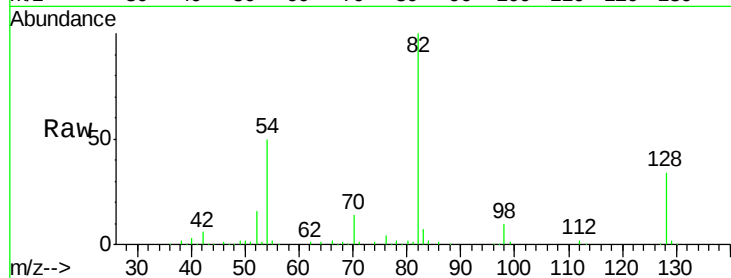




#23
 Nitrobenzene-d5
 Concen: 19.48 ng
 RT: 7.50 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF090495.D
 Acq: 11 Oct 2016 11:25

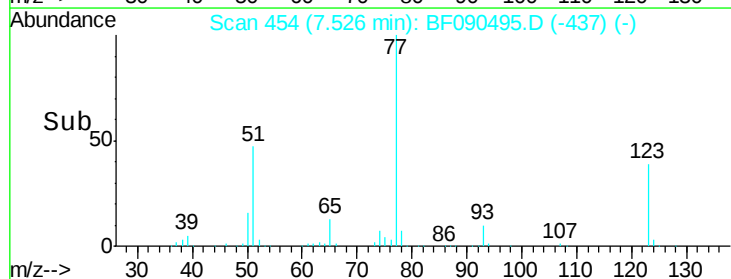
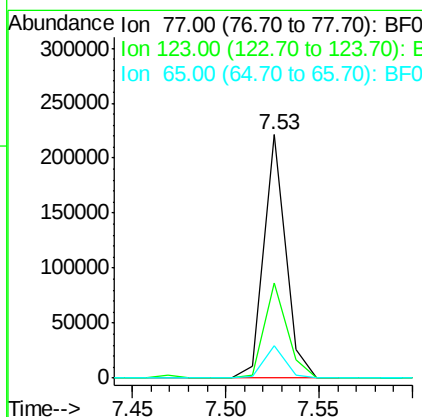
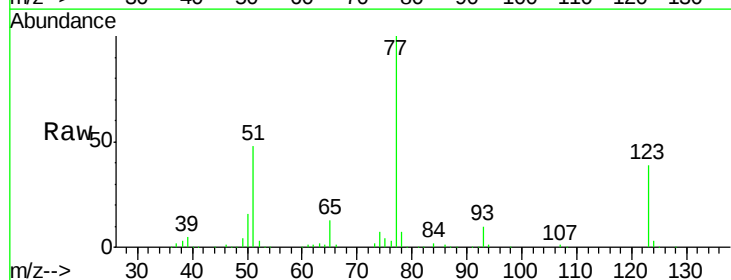
Instrument :
 BNA_F
 ClientSampleID :

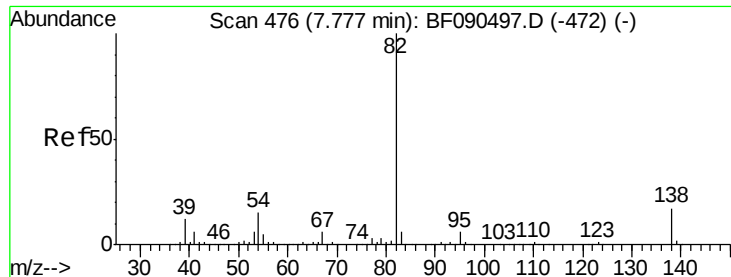
Tot Ion	82	Resp	320987
Ion Ratio	Lower	Upper	
82	100		
128	34.5	40.0	60.0#
54	50.5	42.6	64.0



#24
 Nitrobenzene
 Concen: 10.83 ng
 RT: 7.53 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF090495.D
 Acq: 11 Oct 2016 11:25

Tgt Ion	77	Resp	177164
Ion Ratio	Lower	Upper	
77	100		
123	39.1	33.0	49.4
65	13.4	12.0	18.0





#25

Isophorone

Concen: 9.48 ng

RT: 7.77 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

Instrument :

BNA_F

ClientSampleId :

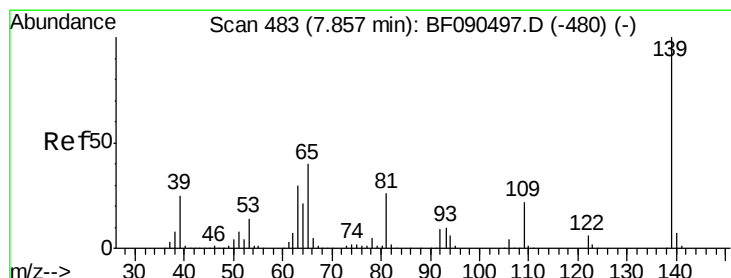
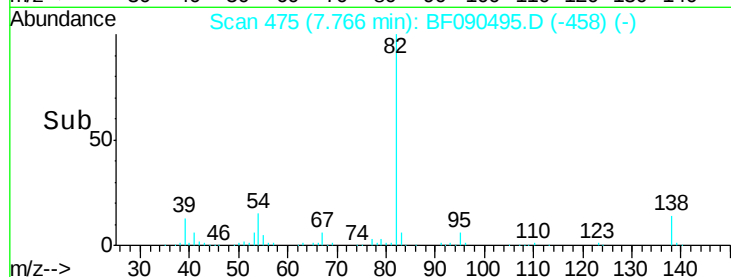
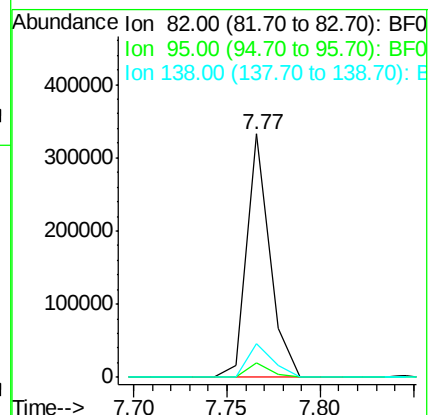
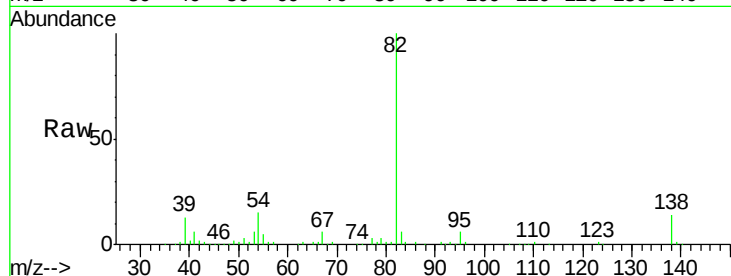
Tot Ion: 82 Resp: 285495

Ion Ratio Lower Upper

82 100

95 6.0 5.2 7.8

138 14.0 13.0 19.4



#26

2-Nitrophenol

Concen: 9.85 ng

RT: 7.85 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

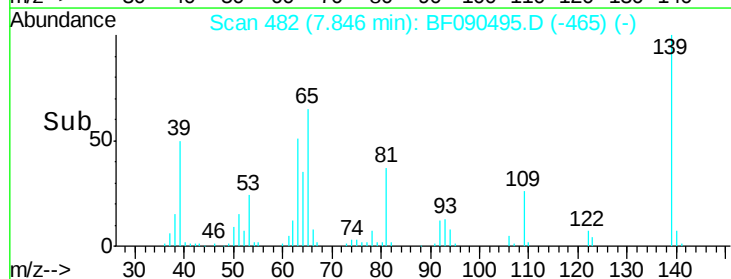
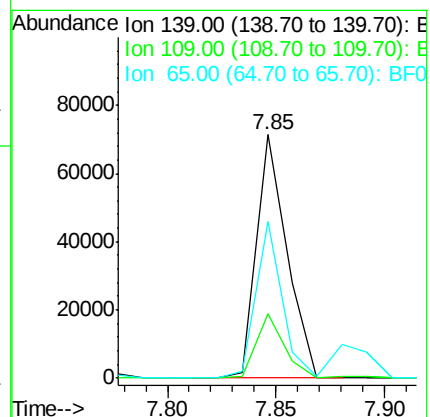
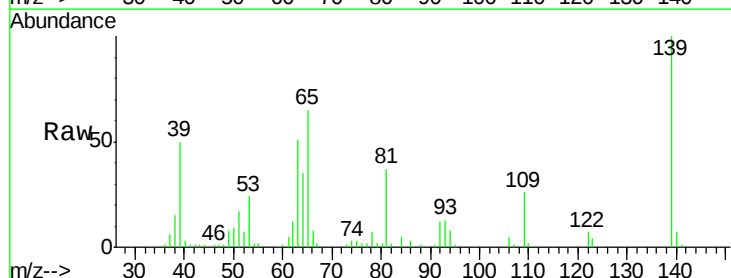
Tgt Ion: 139 Resp: 69354

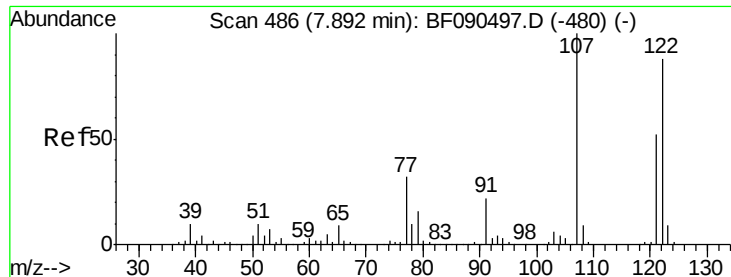
Ion Ratio Lower Upper

139 100

109 26.3 18.9 28.3

65 64.5 31.6 47.4#

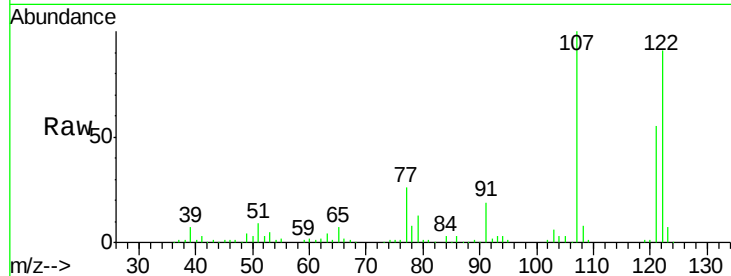




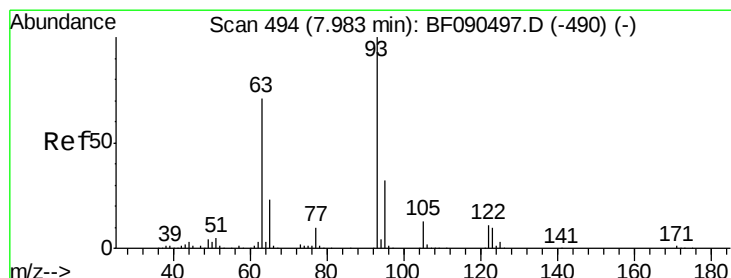
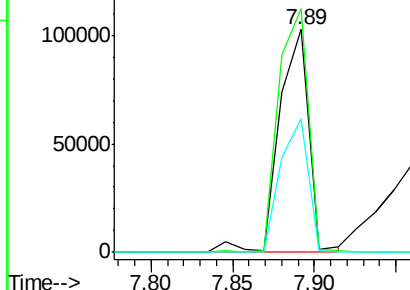
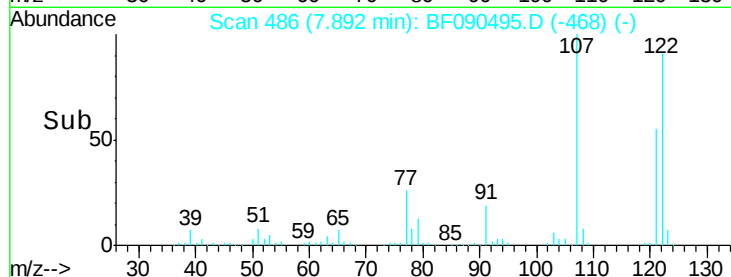
#27
2,4-Dimethylphenol
Concen: 9.43 ng
RT: 7.89 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 129057
Ion Ratio Lower Upper
122 100
107 109.4 88.6 132.8
121 59.8 47.5 71.3

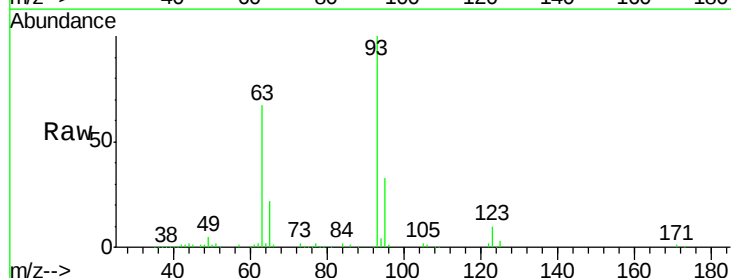


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

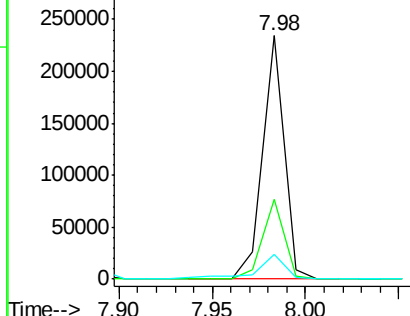
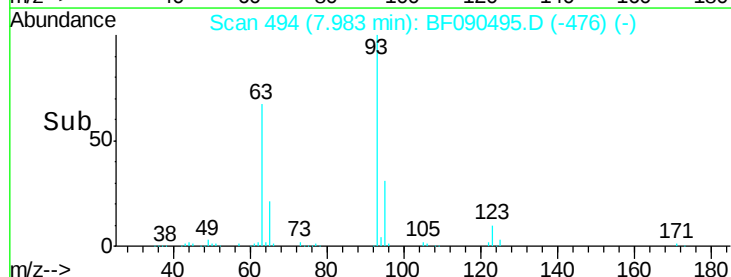


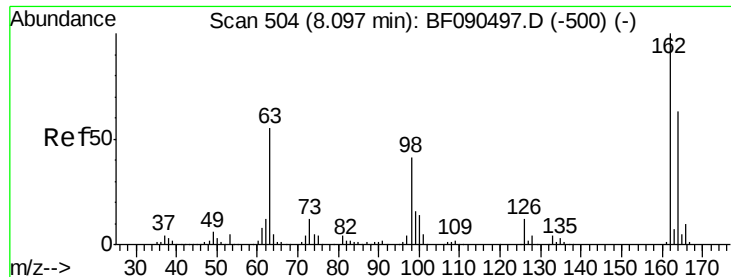
#28
bis(2-Chloroethoxy)methane
Concen: 10.40 ng
RT: 7.98 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

Tgt Ion: 93 Resp: 185179
Ion Ratio Lower Upper
93 100
95 32.9 27.0 40.4
123 10.3 11.1 16.7#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

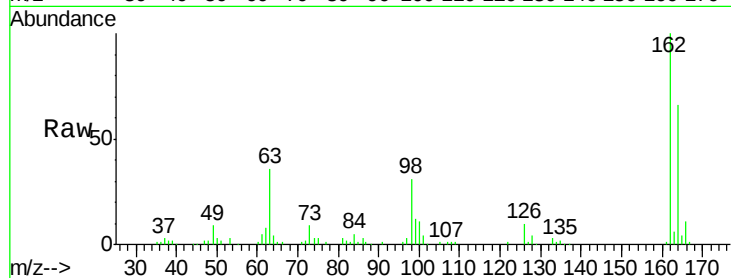




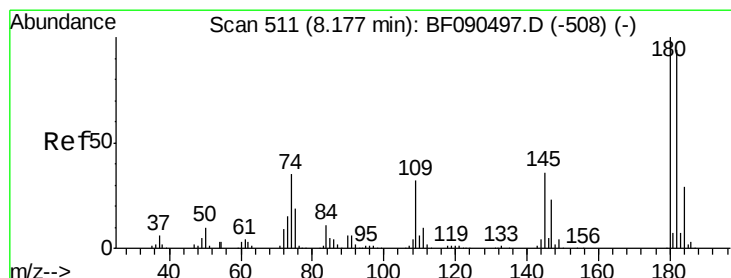
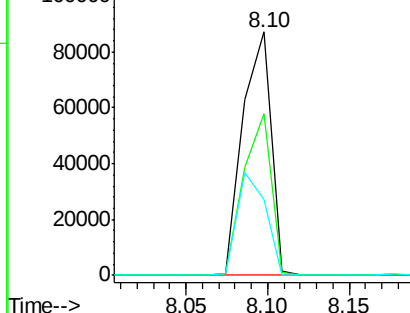
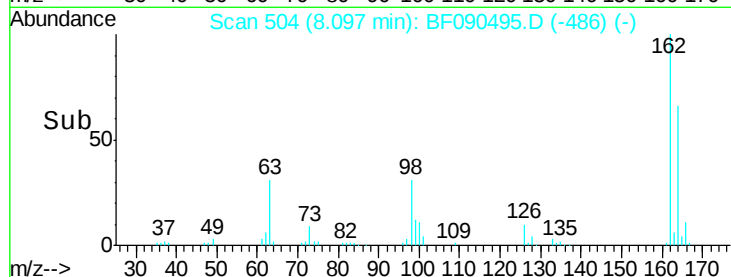
#29
 2,4-Dichlorophenol
 Concen: 10.05 ng
 RT: 8.10 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF090495.D
 Acq: 11 Oct 2016 11:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 104613
 Ion Ratio Lower Upper
 162 100
 164 66.5 45.7 85.7
 98 30.9 13.3 53.3

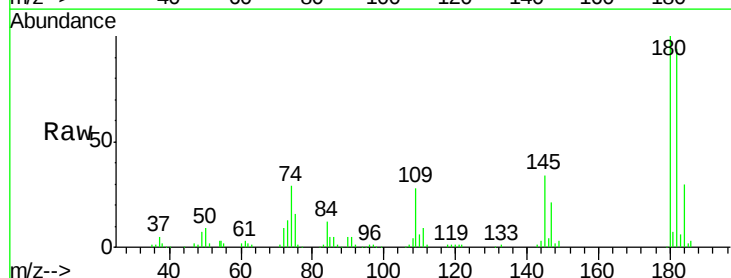


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

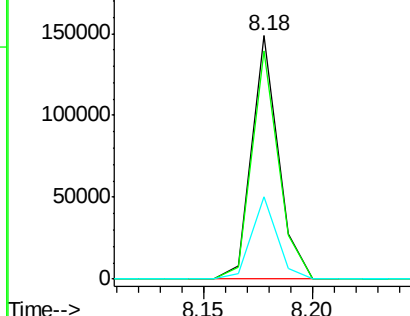
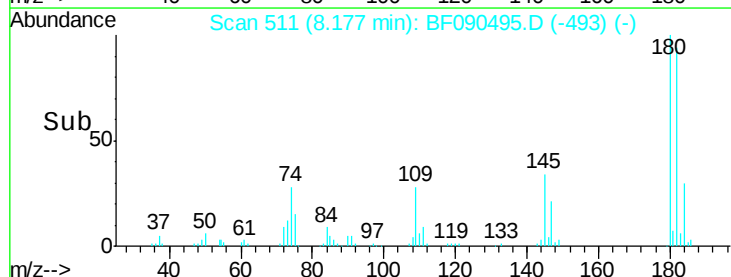


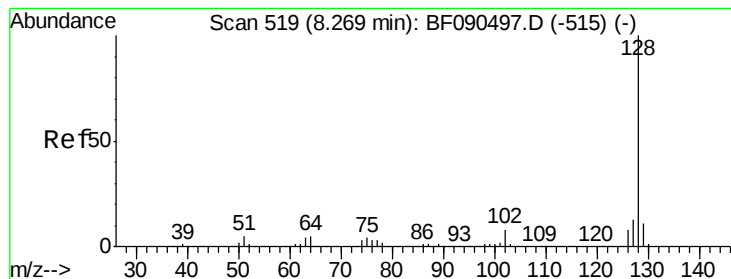
#30
 1,2,4-Trichlorobenzene
 Concen: 11.78 ng
 RT: 8.18 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF090495.D
 Acq: 11 Oct 2016 11:25

Tgt Ion:180 Resp: 126412
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.3 112.9
 145 33.9 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: 11.42 ng

RT: 8.26 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

Instrument :

BNA_F

ClientSampleId :

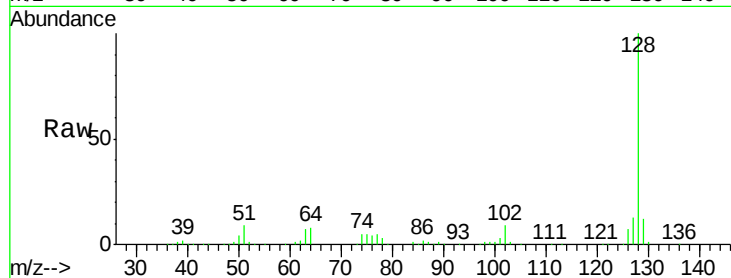
Tot Ion:128 Resp: 441334

Ion Ratio Lower Upper

128 100

129 11.5 9.7 14.5

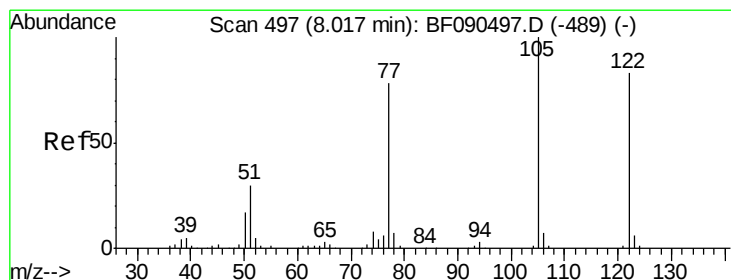
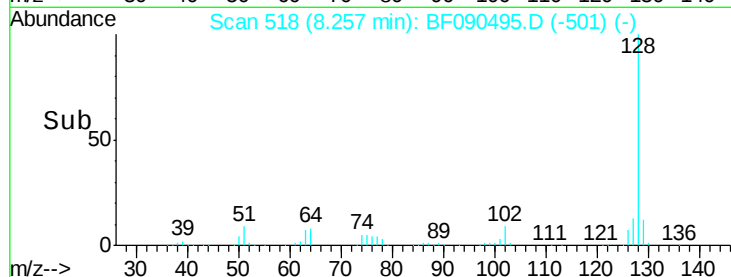
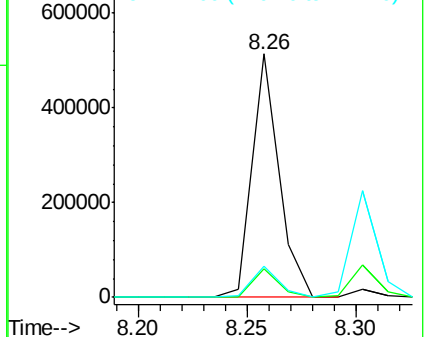
127 12.9 11.7 17.5



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: 9.74 ng

RT: 7.96 min Scan# 492

Delta R.T. -0.06 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

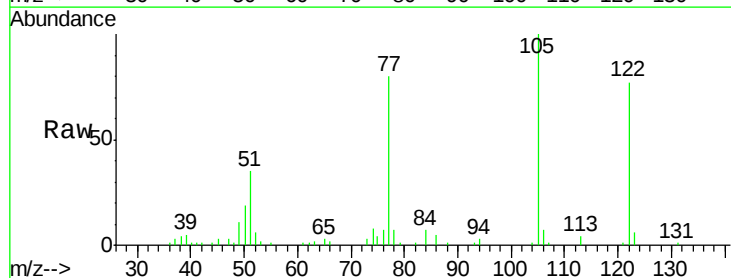
Tgt Ion:122 Resp: 92725

Ion Ratio Lower Upper

122 100

105 130.5 103.9 143.9

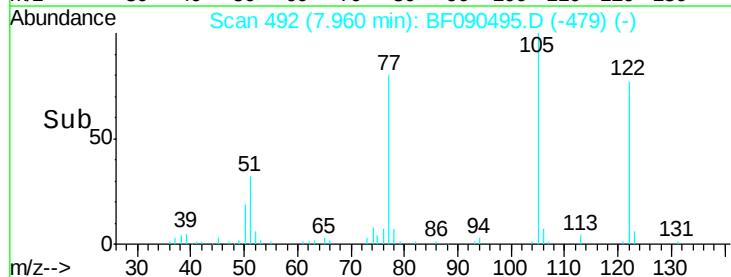
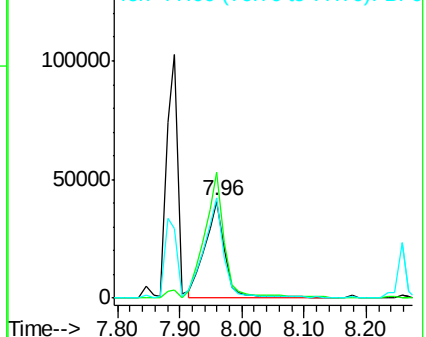
77 103.9 74.6 114.6



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

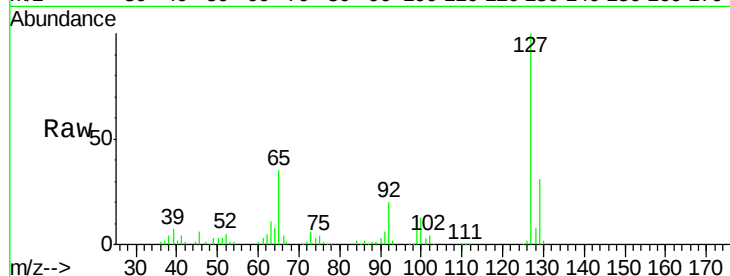




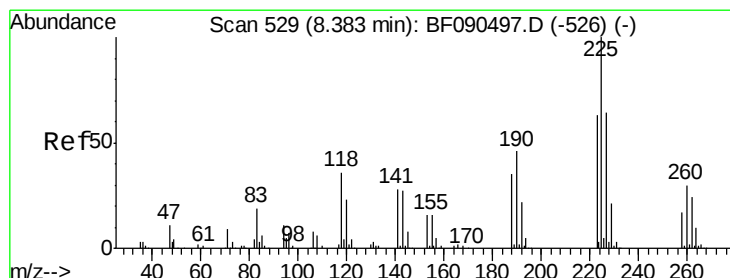
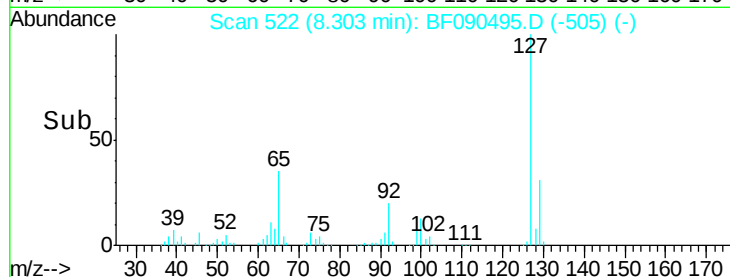
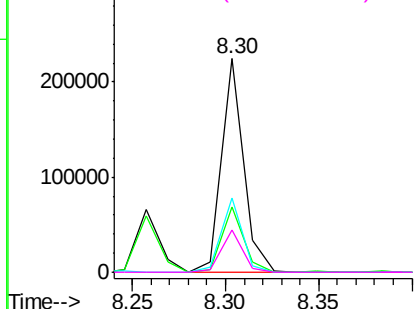
#33
4-Chloroaniline
Concen: 11.63 ng
RT: 8.30 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	185772
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.2	39.4
65	34.6	32.5	48.7
92	20.1	17.2	25.8

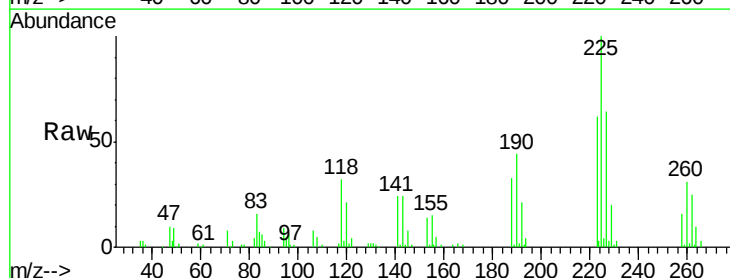


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

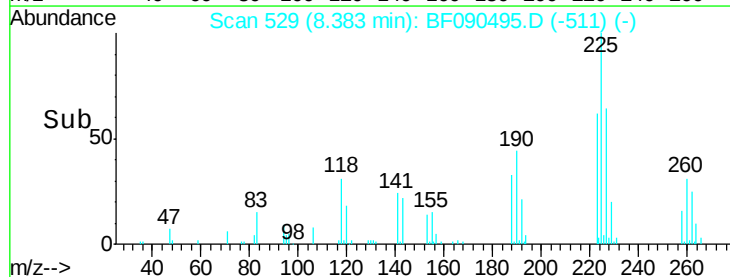
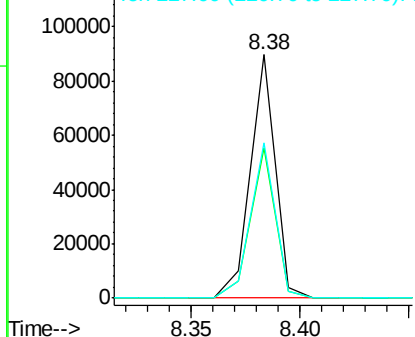


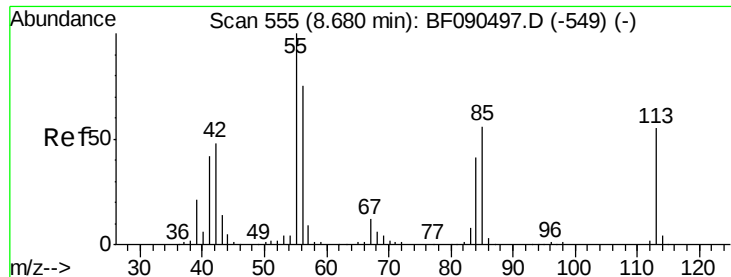
#34
Hexachlorobutadiene
Concen: 11.85 ng
RT: 8.38 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

Tgt Ion:	225	Resp:	71028
Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.0	76.4
227	63.7	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: 9.66 ng

RT: 8.63 min Scan# 551

Delta R.T. -0.05 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

Instrument :

BNA_F

ClientSampled :

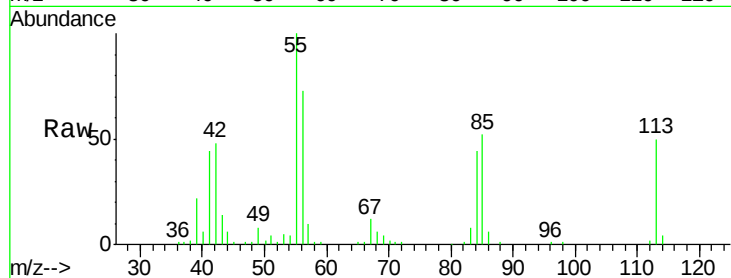
Tot Ion:113 Resp: 33798

Ion Ratio Lower Upper

113 100

55 198.9 203.3 243.3#

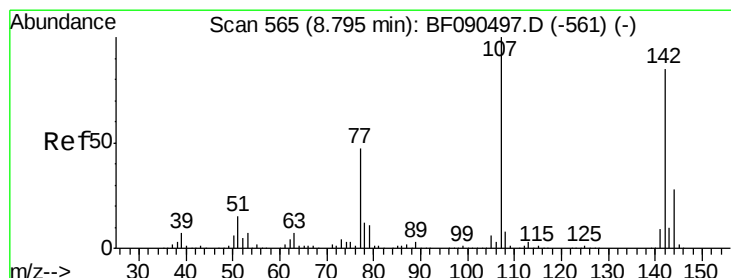
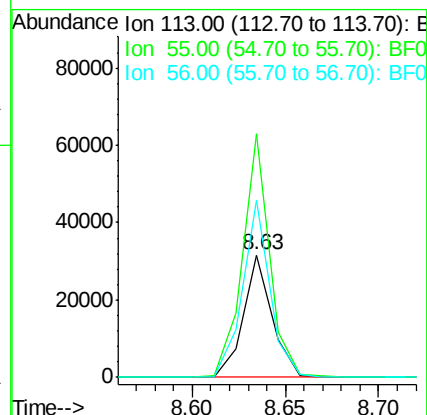
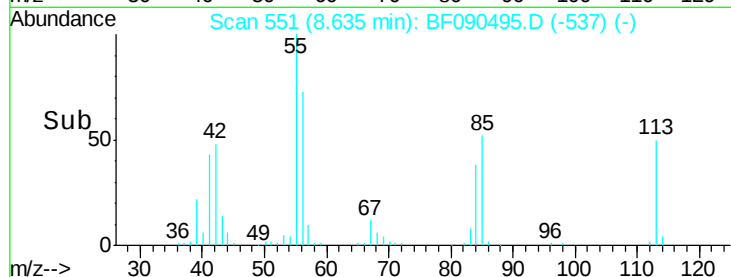
56 144.4 140.5 180.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 10.60 ng

RT: 8.78 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

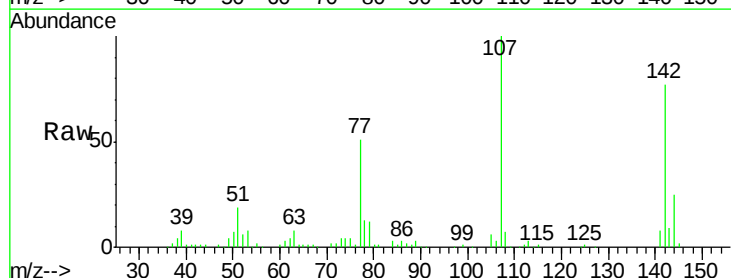
Tgt Ion:107 Resp: 138100

Ion Ratio Lower Upper

107 100

144 24.6 19.8 29.8

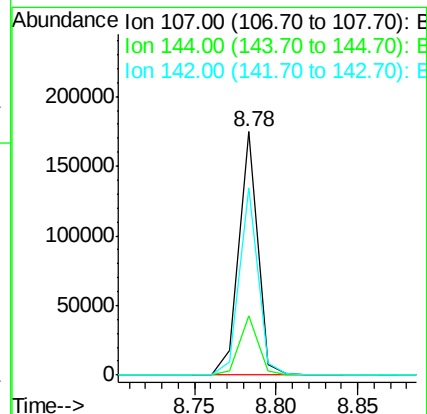
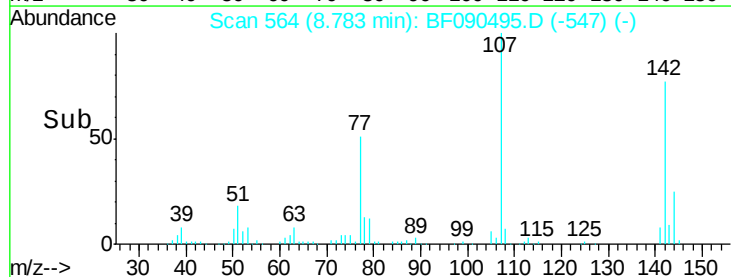
142 77.2 60.7 91.1

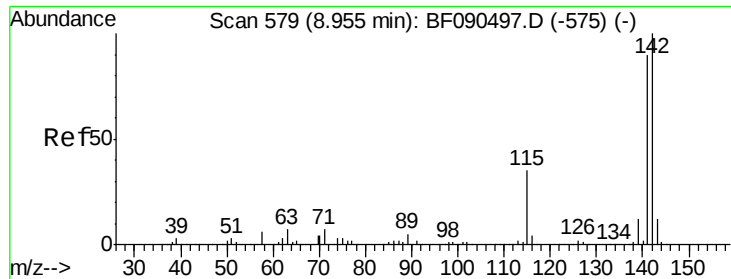


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

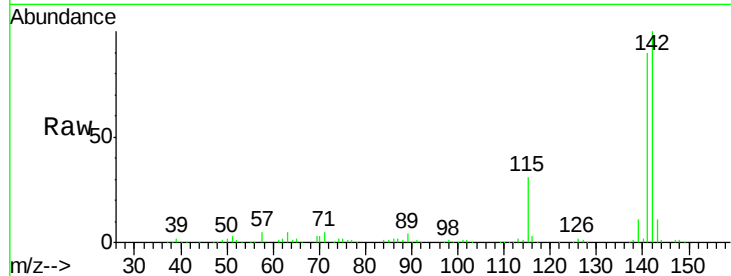




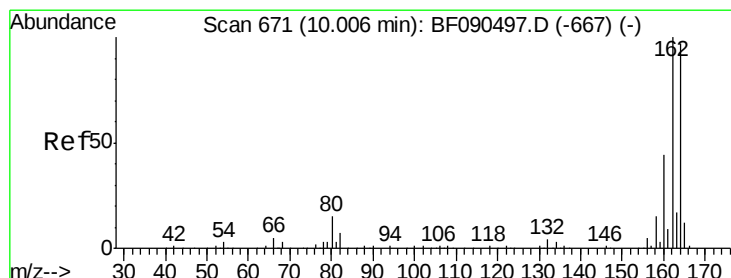
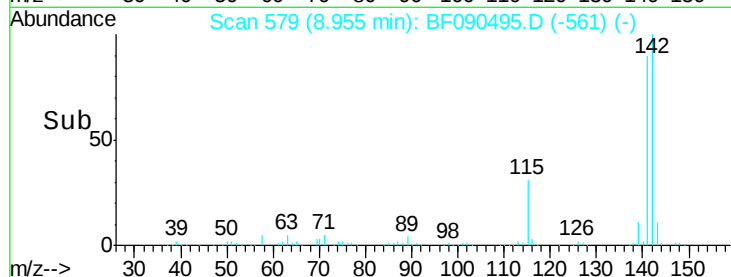
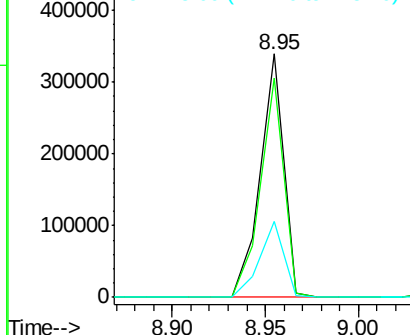
#37
2-Methylnaphthalene
Concen: 12.58 ng
RT: 8.95 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.8	107.8
115	31.3	28.8	43.2

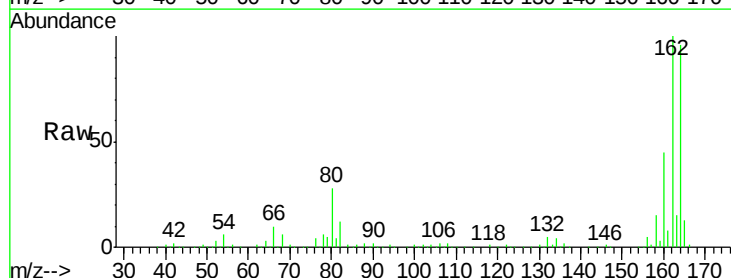


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

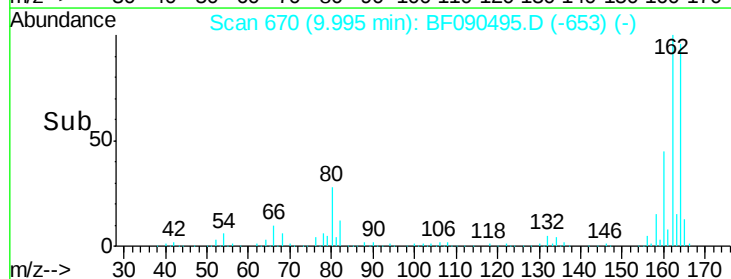
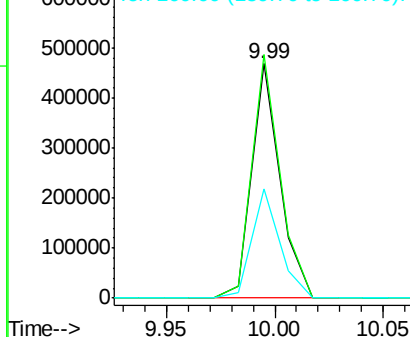


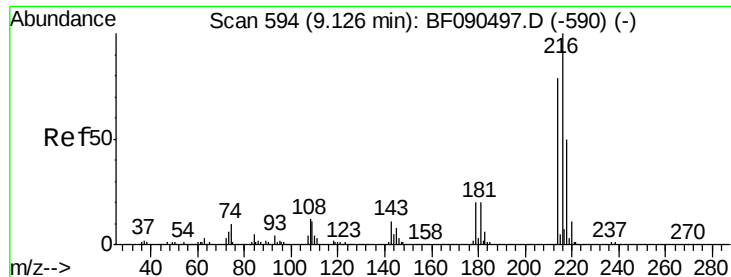
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	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: 10.06 ng

RT: 9.11 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 111444

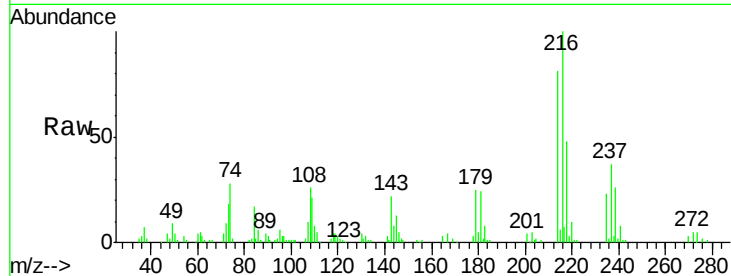
Ion Ratio Lower Upper

216 100

214 80.0 64.2 96.2

179 22.5 18.0 27.0

108 22.3 15.2 22.8

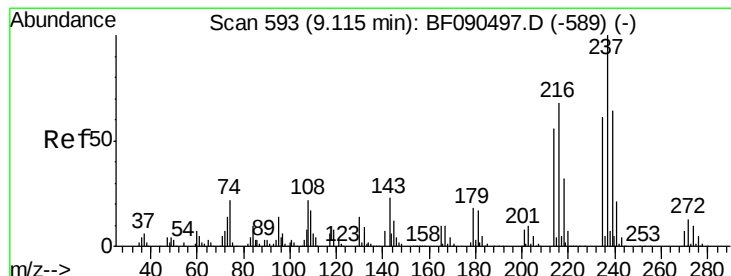
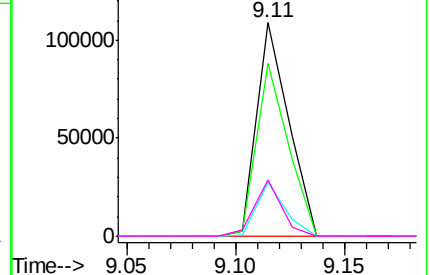
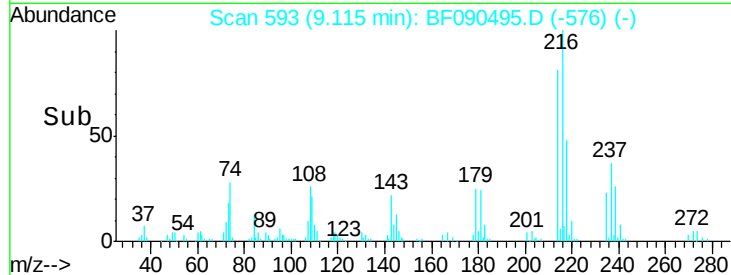


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 7.72 ng

RT: 9.11 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

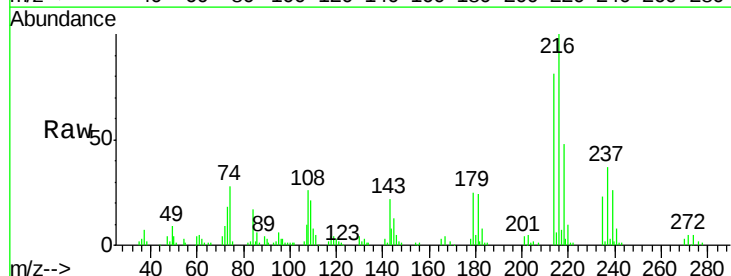
Tgt Ion:237 Resp: 46848

Ion Ratio Lower Upper

237 100

235 61.6 43.6 83.6

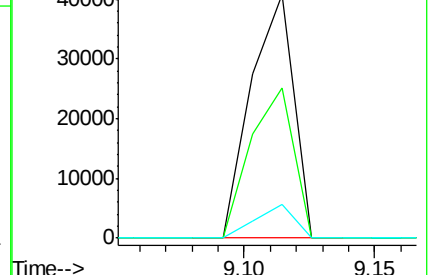
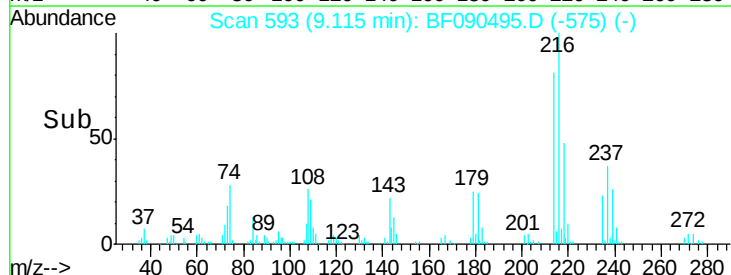
272 13.8 0.0 32.7

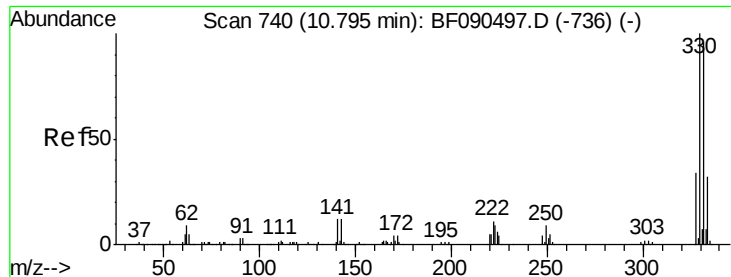


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

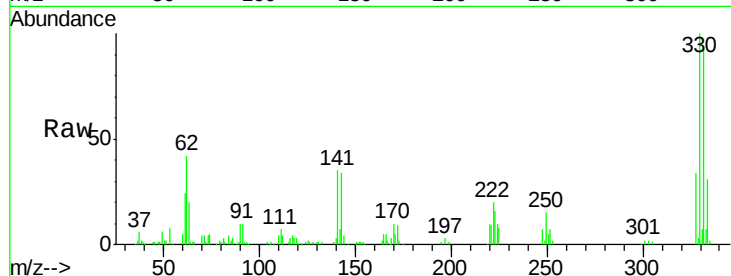




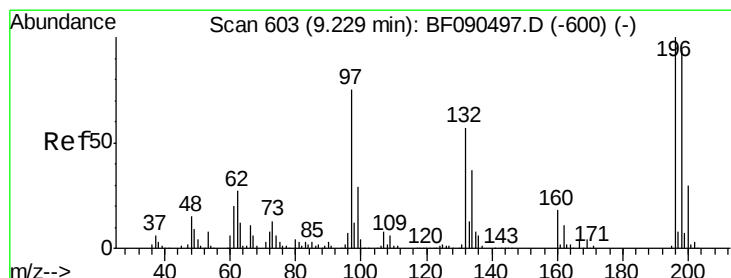
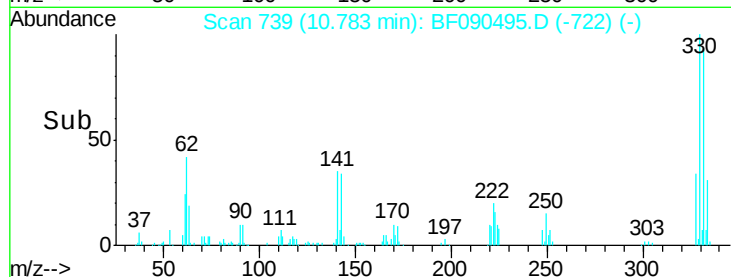
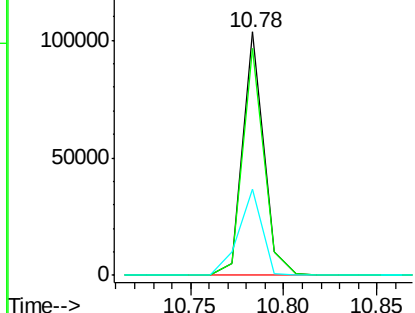
#41
 2,4,6-Tribromophenol
 Concen: 23.97 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF090495.D
 Acq: 11 Oct 2016 11:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 81847
 Ion Ratio Lower Upper
 330 100
 332 94.4 75.4 113.0
 141 39.7 26.9 40.3

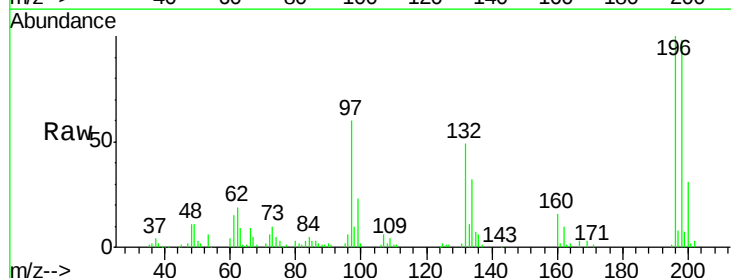


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

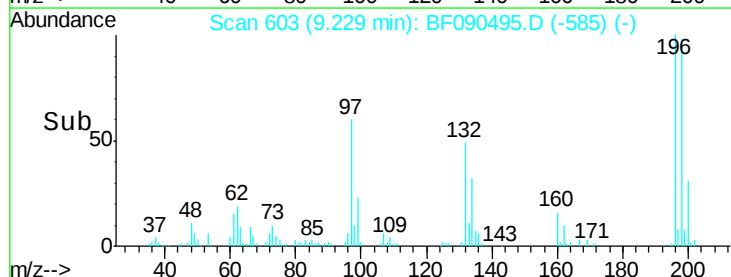
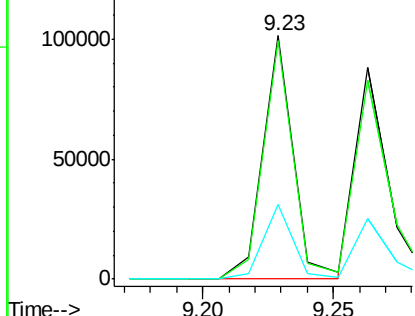


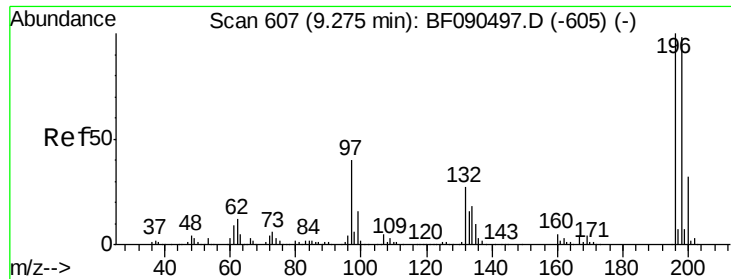
#42
 2,4,6-Trichlorophenol
 Concen: 10.83 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090495.D
 Acq: 11 Oct 2016 11:25

Tgt Ion:196 Resp: 82784
 Ion Ratio Lower Upper
 196 100
 198 97.8 78.9 118.3
 200 30.7 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

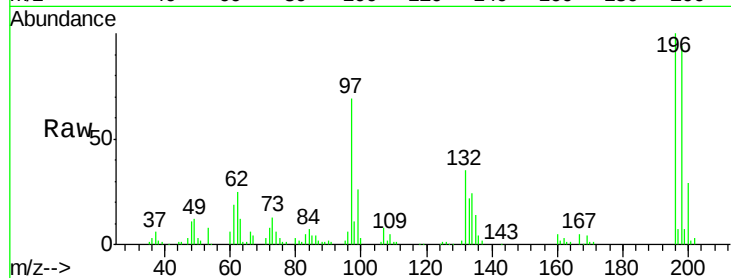




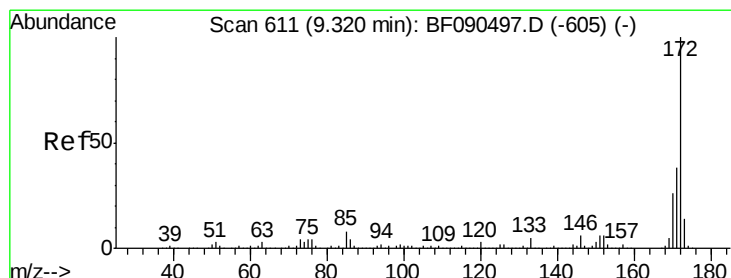
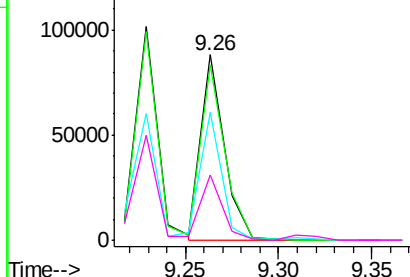
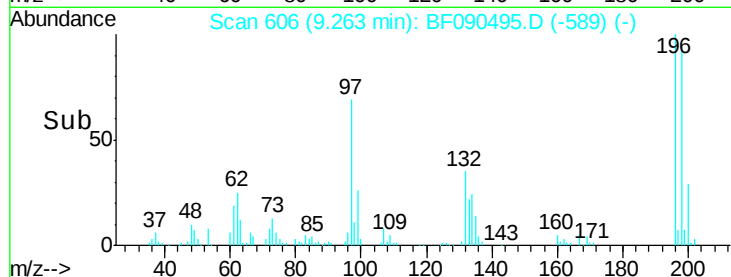
#43
 2,4,5-Trichlorophenol
 Concen: 10.58 ng
 RT: 9.26 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF090495.D
 Acq: 11 Oct 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	76430
Ion	Ratio	Lower	Upper
196	100		
198	94.3	78.1	117.1
97	69.3	48.1	72.1
132	35.4	27.4	41.2

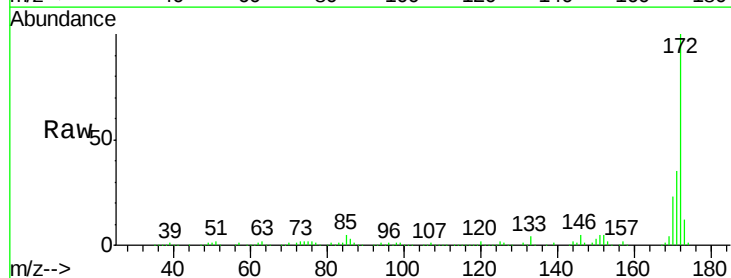


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

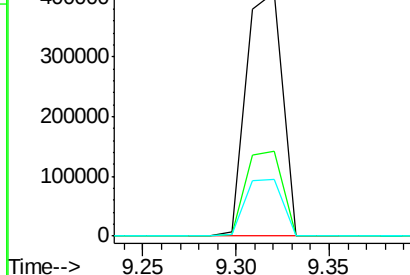
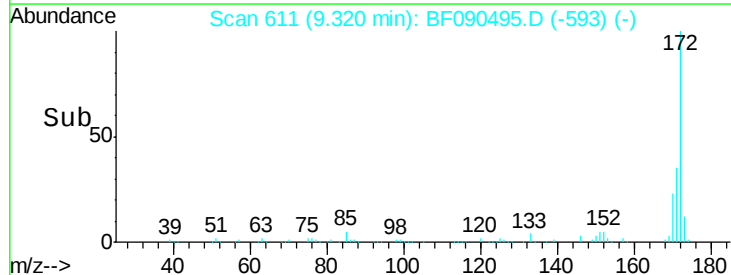


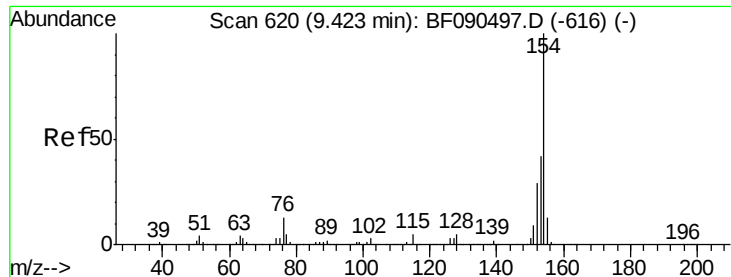
#44
 2-Fluorobiphenyl
 Concen: 21.69 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090495.D
 Acq: 11 Oct 2016 11:25

Tgt Ion:	172	Resp:	546657
Ion	Ratio	Lower	Upper
172	100		
171	34.9	31.8	47.8
170	23.4	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: 10.73 ng

RT: 9.41 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

Instrument :

BNA_F

ClientSampleId :

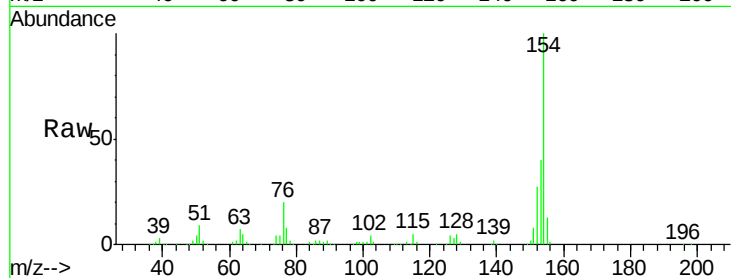
Tot Ion:154 Resp: 333865

Ion Ratio Lower Upper

154 100

153 39.9 23.8 63.8

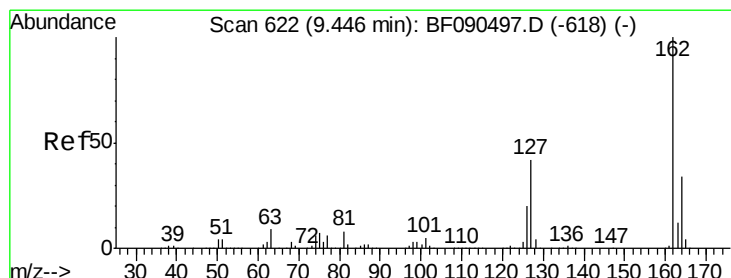
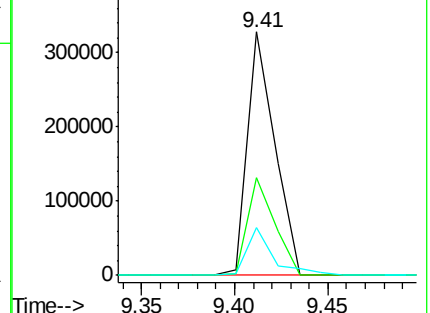
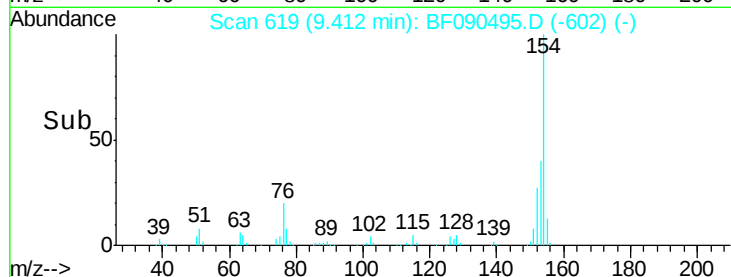
76 19.8 0.0 35.8



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: 10.56 ng

RT: 9.43 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

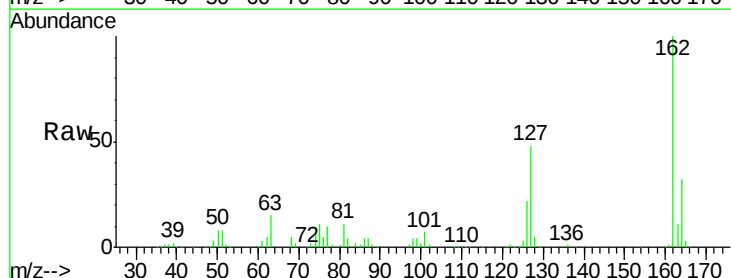
Tgt Ion:162 Resp: 242715

Ion Ratio Lower Upper

162 100

127 47.7 35.6 53.4

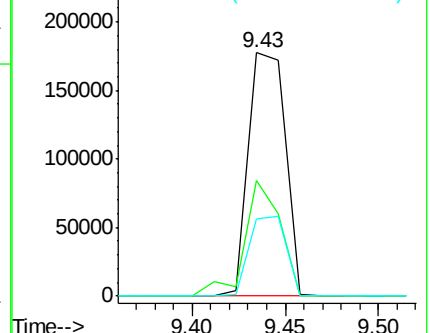
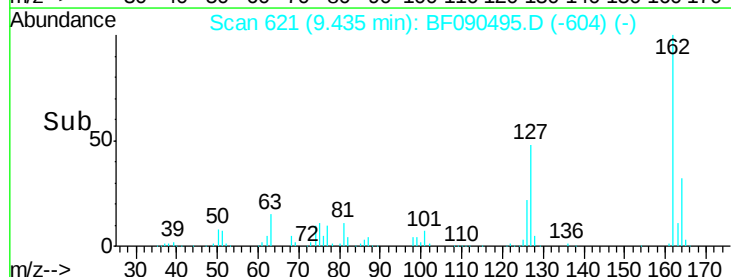
164 31.7 27.5 41.3

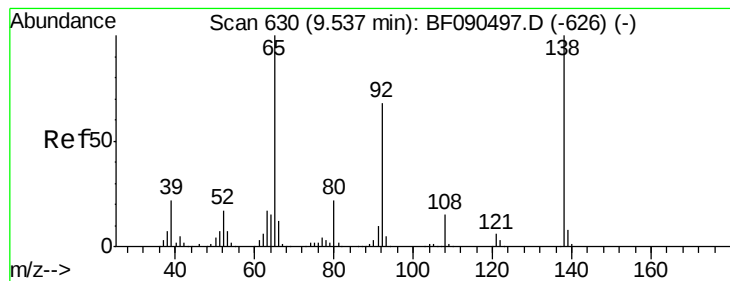


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

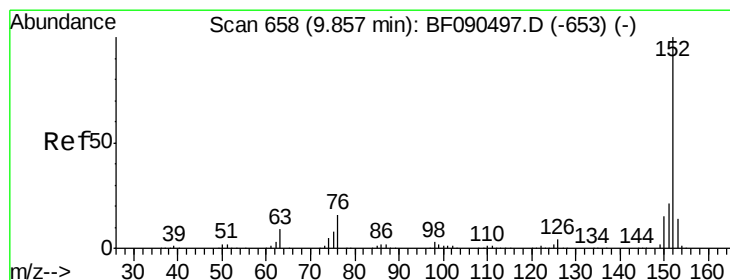
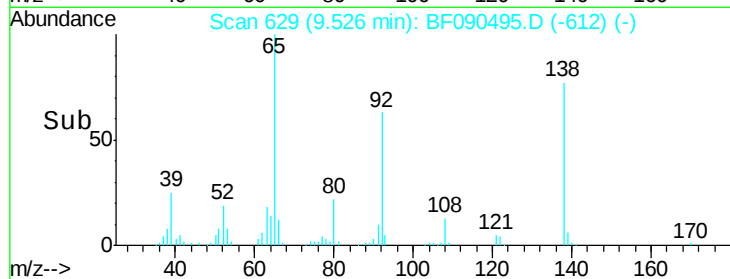
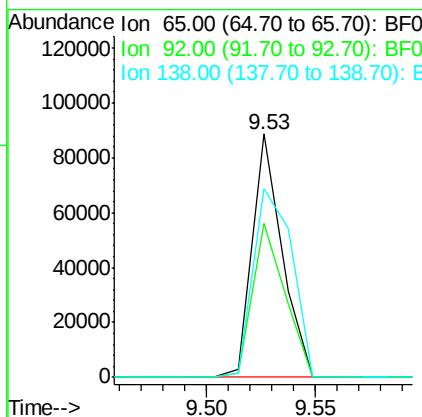
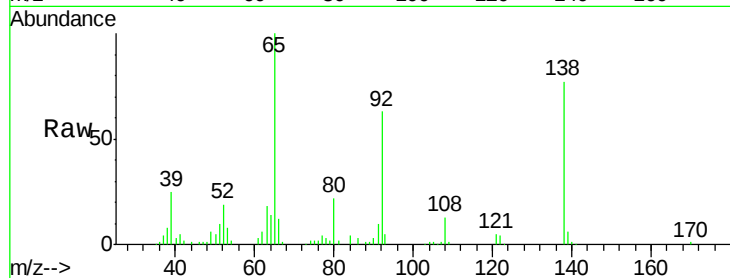




#47
2-Nitroaniline
Concen: 9.31 ng
RT: 9.53 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

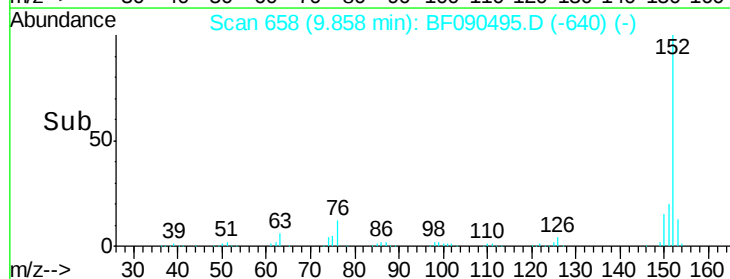
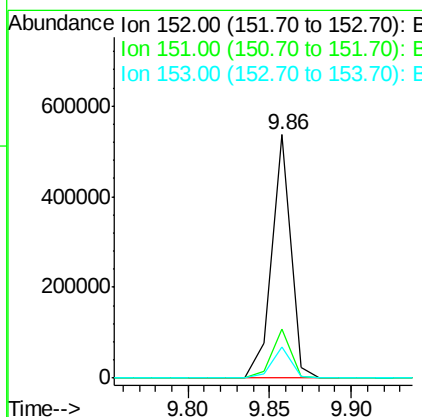
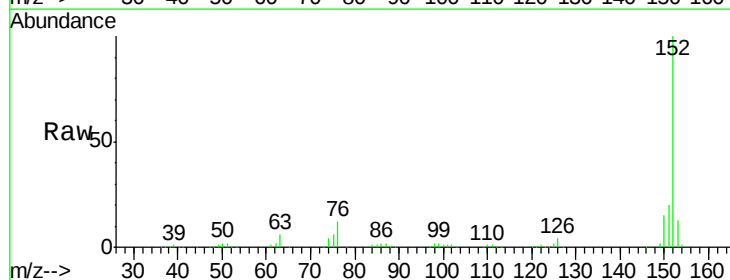
Instrument :
BNA_F
ClientSampled :

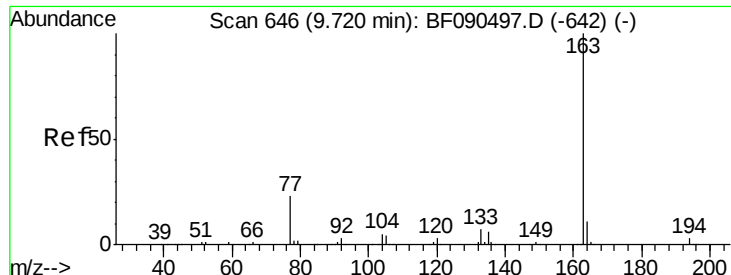
Tot Ion: 65 Resp: 84444
Ion Ratio Lower Upper
65 100
92 63.0 51.7 77.5
138 77.3 79.0 118.4#



#48
Acenaphthylene
Concen: 11.52 ng
RT: 9.86 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

Tgt Ion: 152 Resp: 437121
Ion Ratio Lower Upper
152 100
151 20.1 17.4 26.0
153 12.9 11.6 17.4

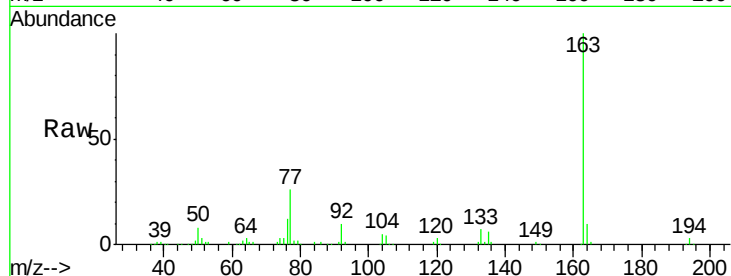




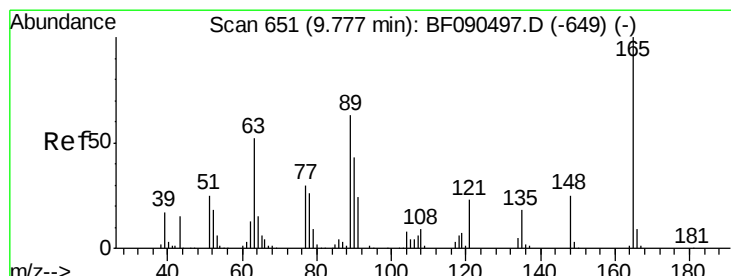
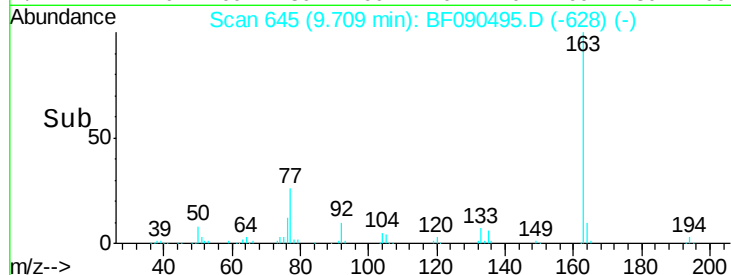
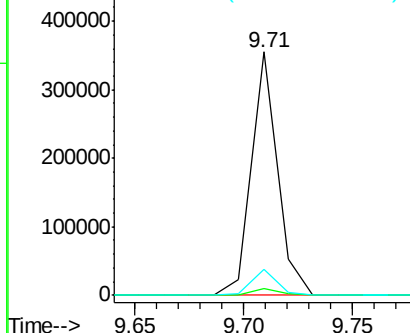
#49
Dimethylphthalate
Concen: 10.97 ng
RT: 9.71 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.8	4.2
164	10.4	9.0	13.4

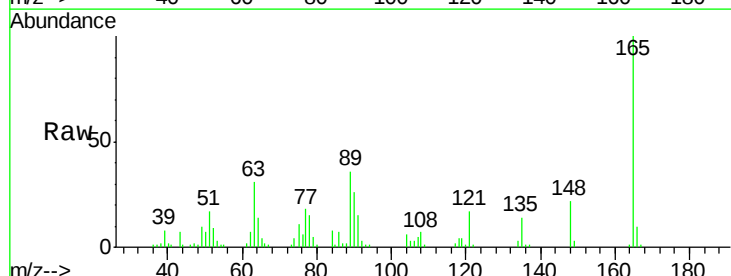


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

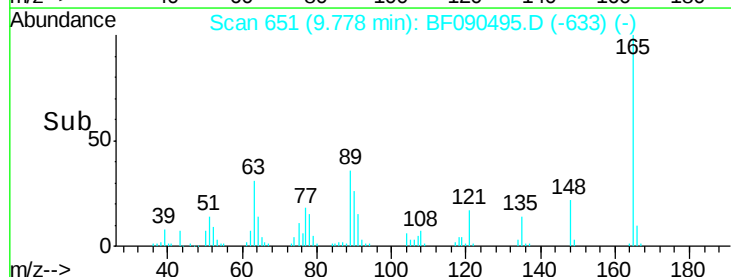
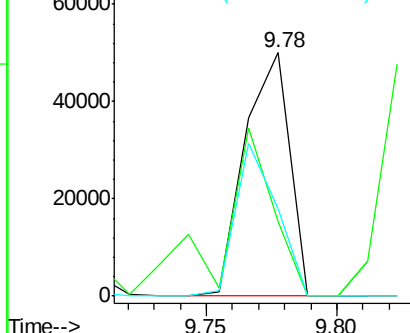


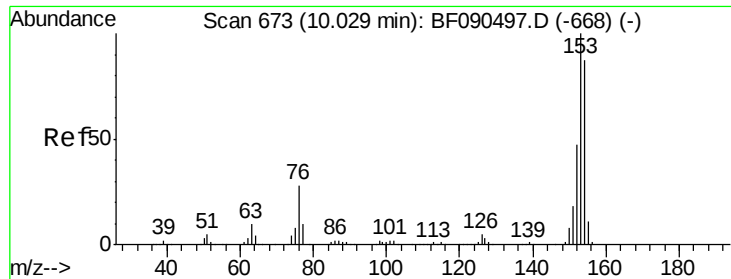
#50
2,6-Dinitrotoluene
Concen: 10.07 ng
RT: 9.78 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	30.8	58.0	87.0#
89	35.8	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: 11.97 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

Instrument :

BNA_F

ClientSampleId :

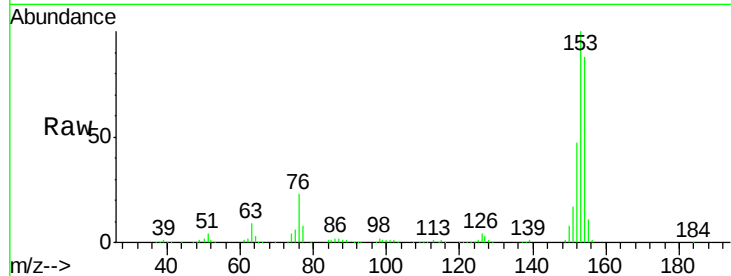
Tot Ion:154 Resp: 283176

Ion Ratio Lower Upper

154 100

153 113.1 88.6 133.0

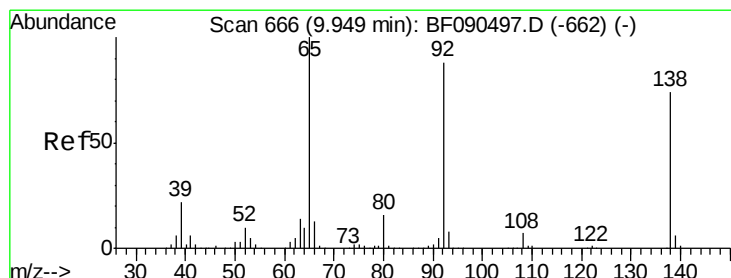
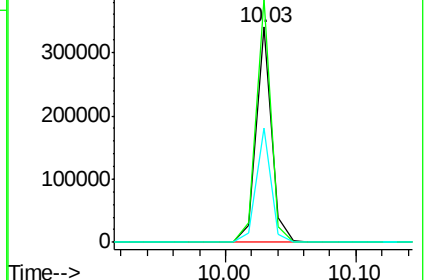
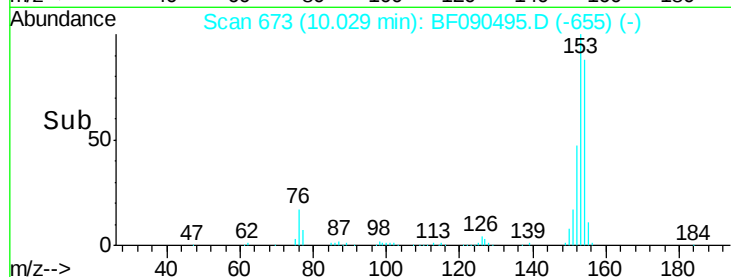
152 53.3 42.6 64.0



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: 11.24 ng

RT: 9.94 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

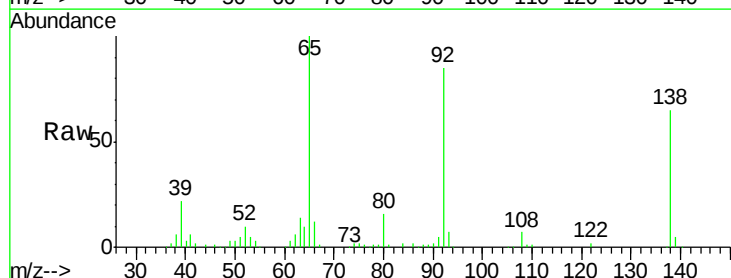
Tgt Ion:138 Resp: 78435

Ion Ratio Lower Upper

138 100

108 10.4 9.7 14.5

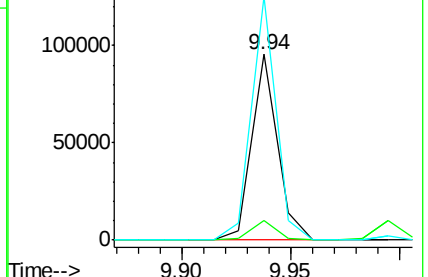
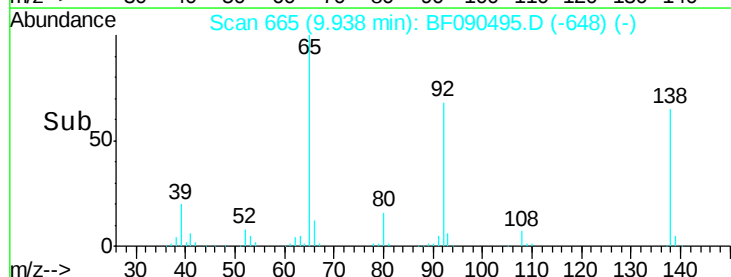
92 131.1 97.1 145.7

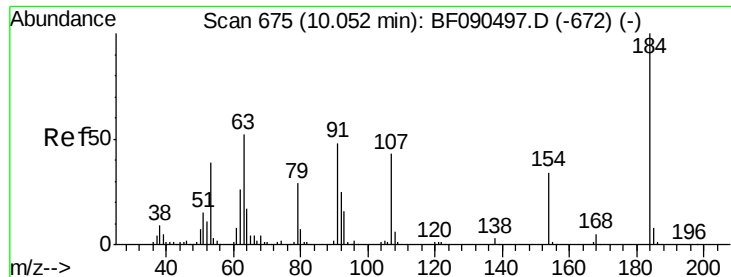


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

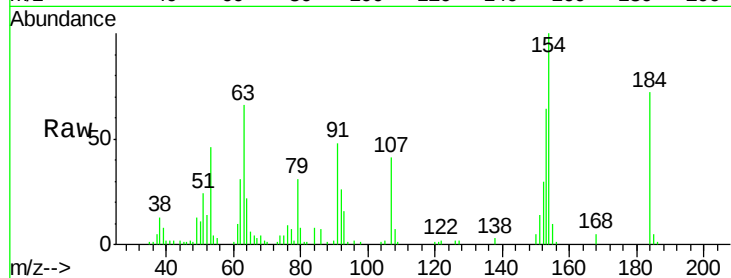




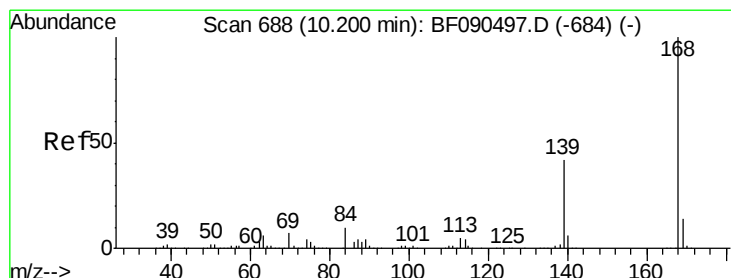
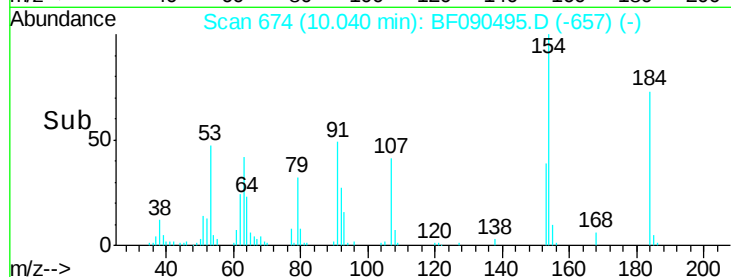
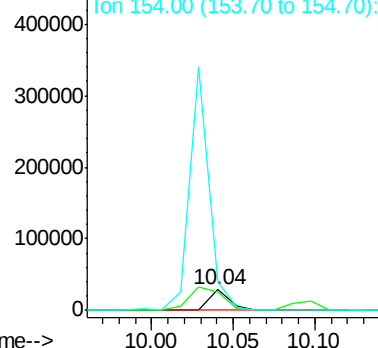
#53
2,4-Dinitrophenol
Concen: 9.33 ng
RT: 10.04 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 24843
Ion Ratio Lower Upper
184 100
63 92.4 41.9 62.9#
154 139.6 48.9 73.3#

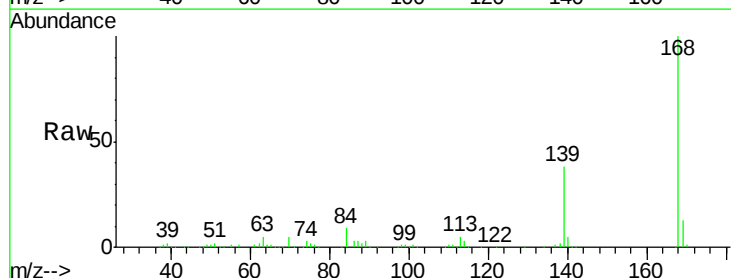


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

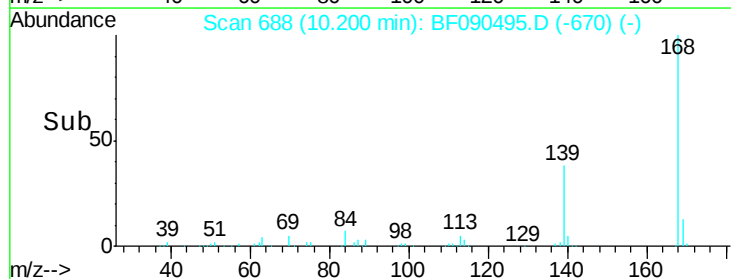
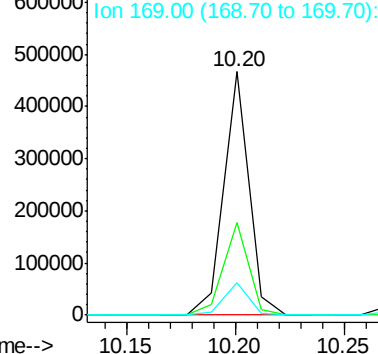


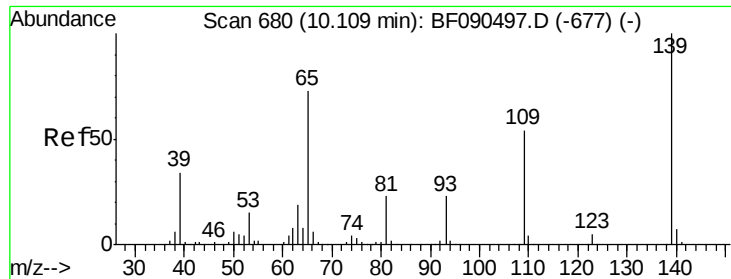
#54
Dibenzofuran
Concen: 12.21 ng
RT: 10.20 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

Tgt Ion:168 Resp: 373746
Ion Ratio Lower Upper
168 100
139 38.3 29.6 44.4
169 13.3 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

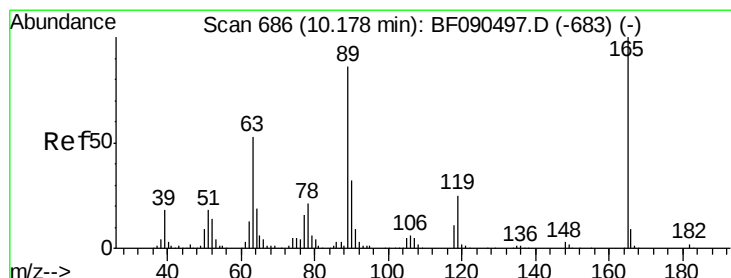
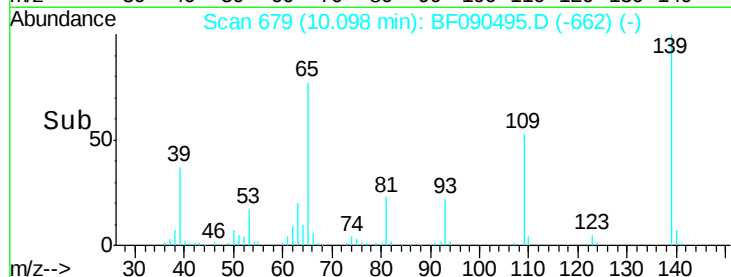
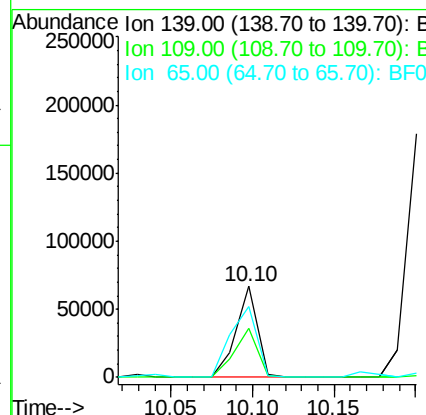
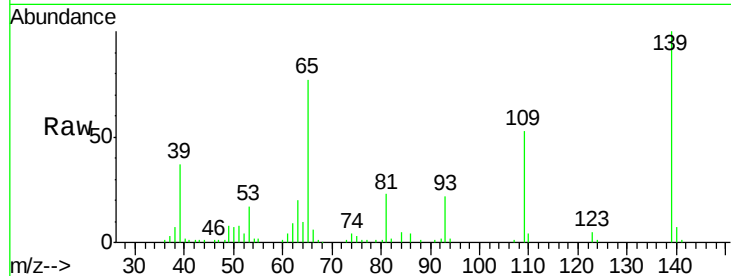




#55
4-Nitrophenol
Concen: 9.94 ng
RT: 10.10 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

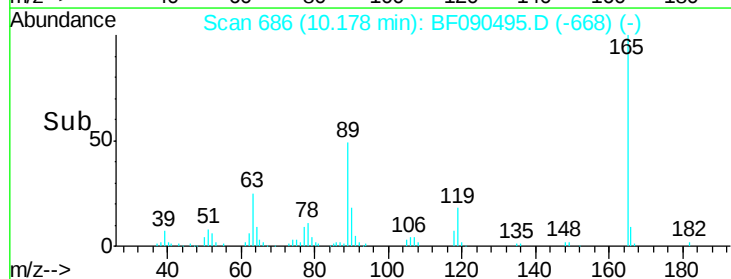
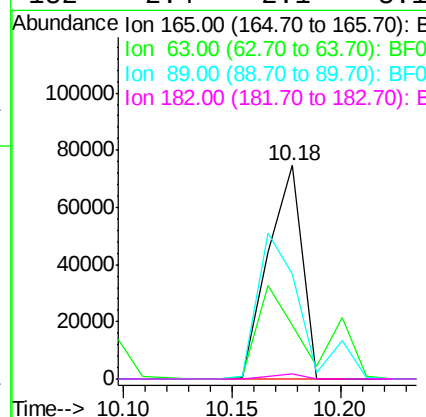
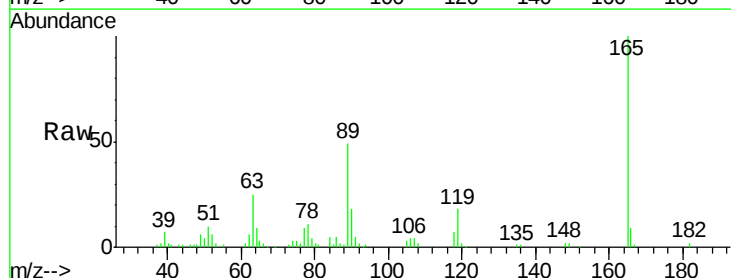
Instrument :
BNA_F
ClientSampled :

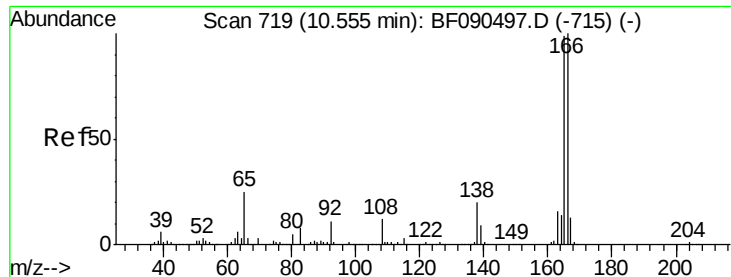
Tot Ion:139 Resp: 60676
Ion Ratio Lower Upper
139 100
109 53.3 43.6 83.6
65 77.4 87.5 127.5#



#56
2,4-Dinitrotoluene
Concen: 10.33 ng
RT: 10.18 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

Tgt Ion:165 Resp: 82071
Ion Ratio Lower Upper
165 100
63 25.1 17.8 26.6
89 49.1 33.2 49.8
182 2.4 2.1 3.1

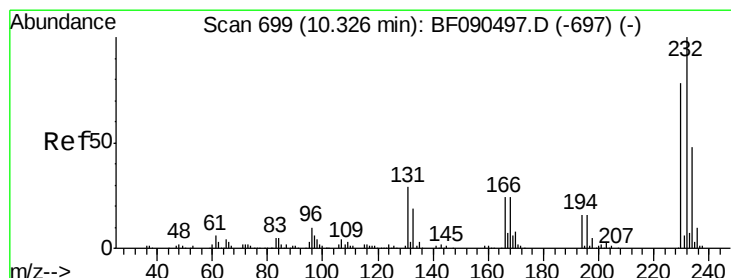
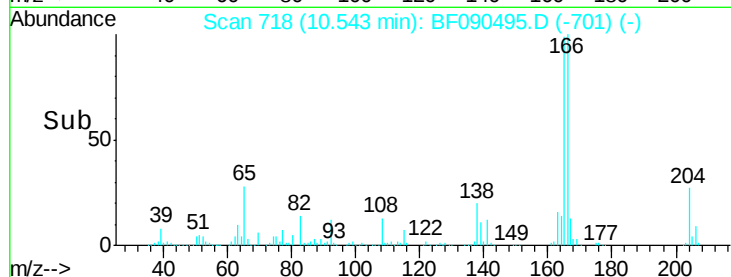
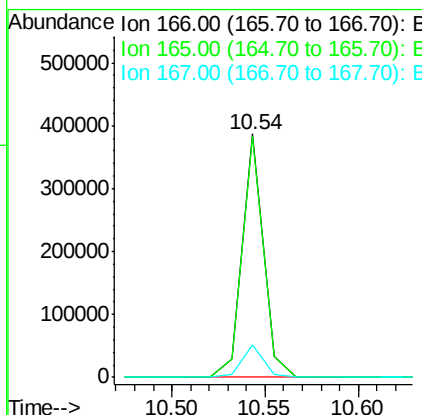
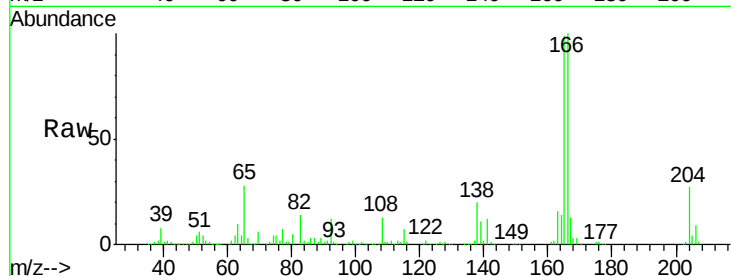




#57
 Fluorene
 Concen: 11.99 ng
 RT: 10.54 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: BF090495.D
 Acq: 11 Oct 2016 11:25

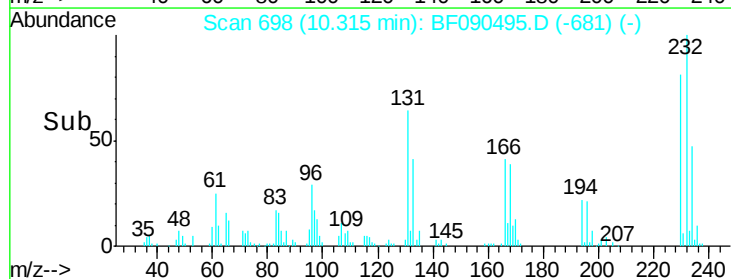
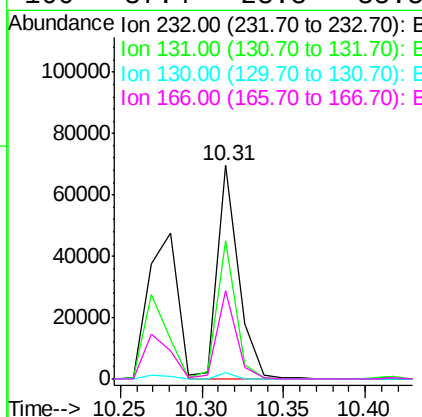
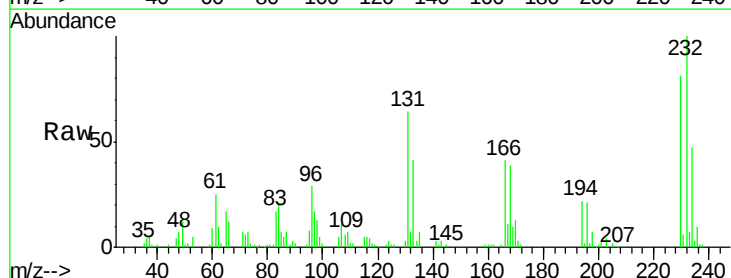
Instrument :
 BNA_F
 ClientSampleId :

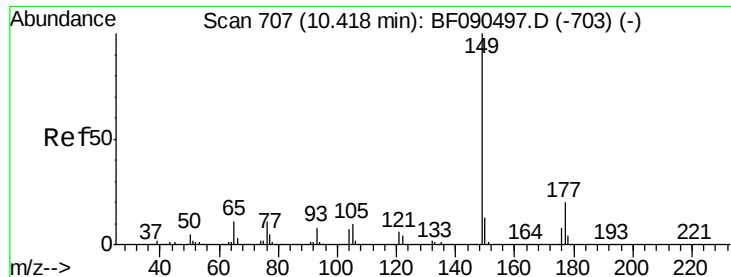
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.2	118.8
167	13.1	11.1	16.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 11.65 ng
 RT: 10.31 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF090495.D
 Acq: 11 Oct 2016 11:25

Tgt Ion	Ratio	Lower	Upper
232	100		
131	57.4	34.5	51.7#
130	2.2	1.6	2.4
166	37.4	23.8	35.8#

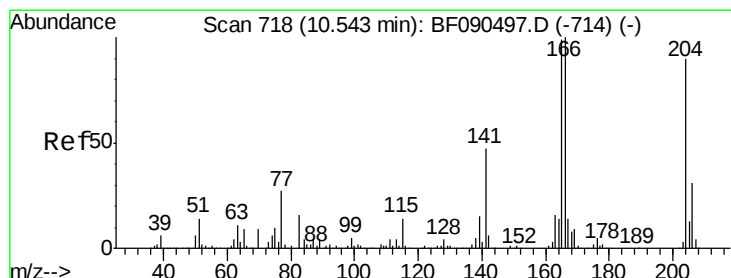
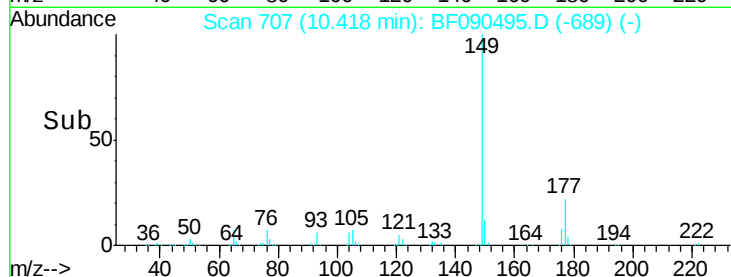
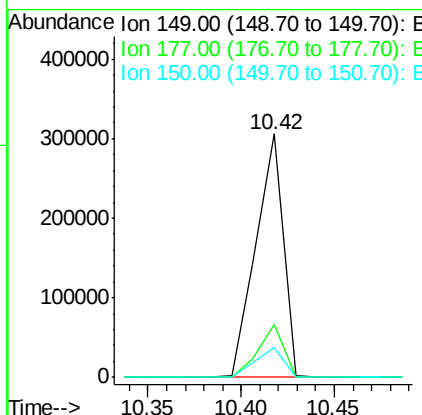
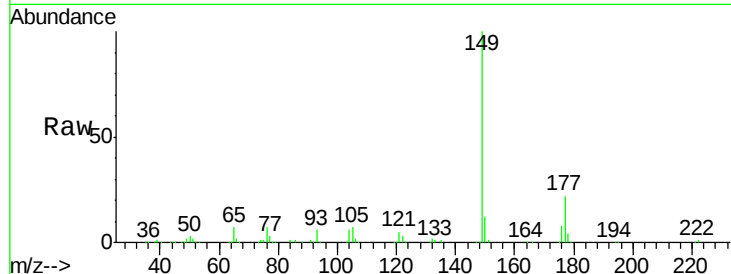




#59
Diethylphthalate
Concen: 11.15 ng
RT: 10.42 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

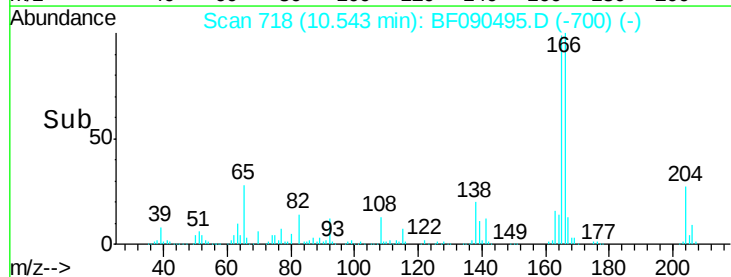
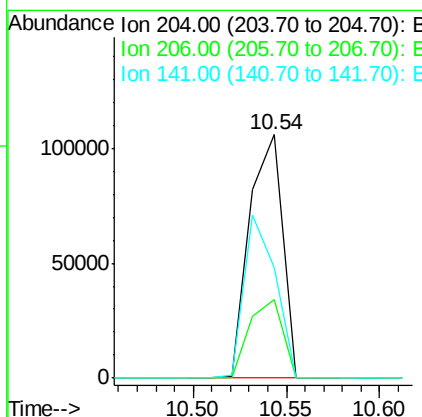
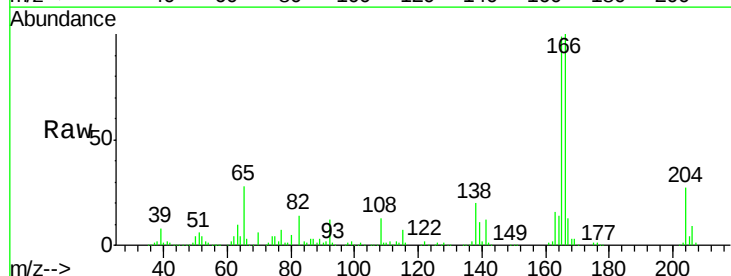
Instrument :
BNA_F
ClientSampleId :

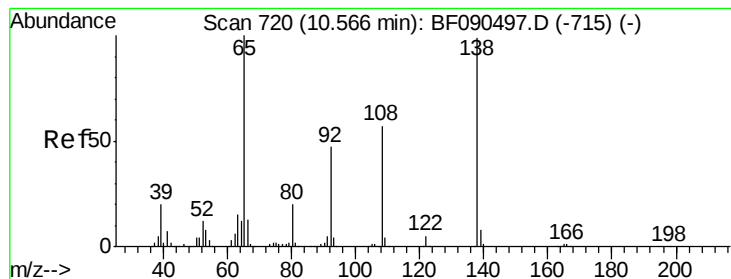
Tot Ion:149 Resp: 310252
Ion Ratio Lower Upper
149 100
177 22.0 21.1 31.7
150 12.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 11.08 ng
RT: 10.54 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

Tgt Ion:204 Resp: 129677
Ion Ratio Lower Upper
204 100
206 32.4 26.7 40.1
141 45.6 51.7 77.5#





#61

4-Nitroaniline

Concen: 10.63 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

Instrument :

BNA_F

ClientSampleId :

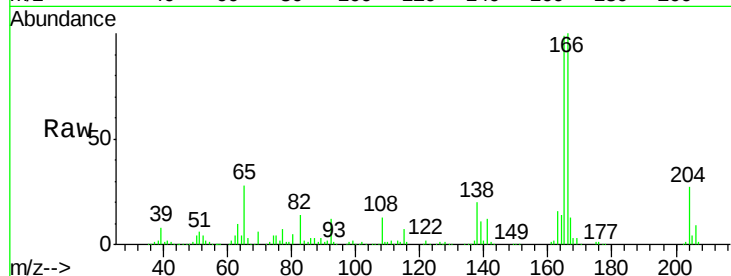
Tot Ion:138 Resp: 74726

Ion Ratio Lower Upper

138 100

92 58.5 33.2 73.2

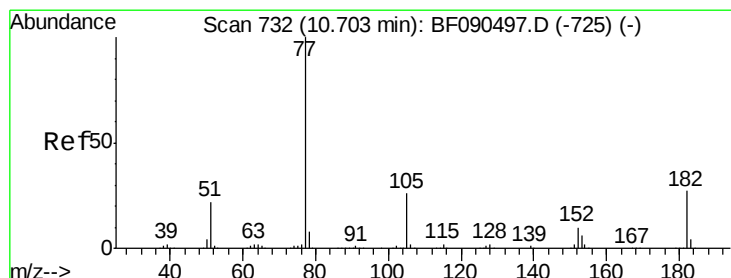
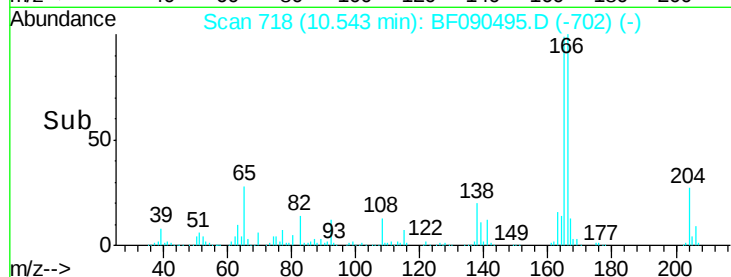
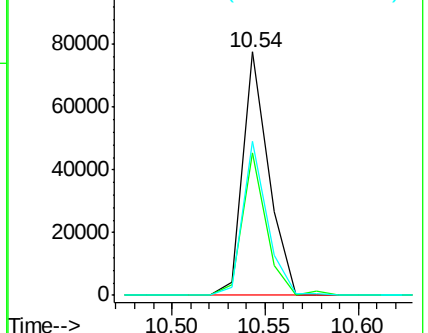
108 63.3 48.5 88.5



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: 9.94 ng

RT: 10.69 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

Tgt Ion: 77 Resp: 319587

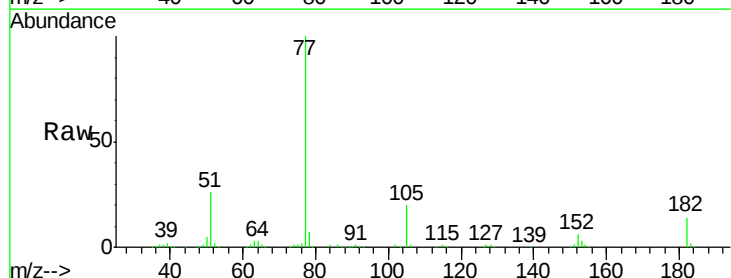
Ion Ratio Lower Upper

77 100

182 14.2 3.2 43.2

105 20.3 2.9 42.9

51 25.7 14.2 54.2

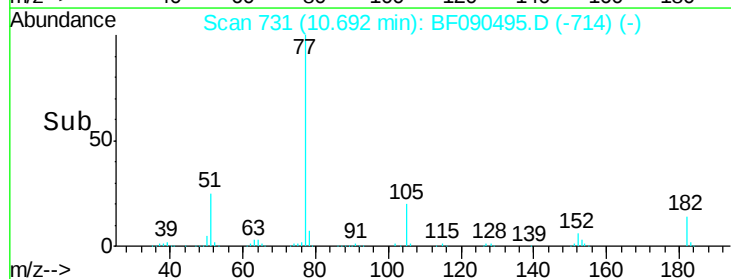
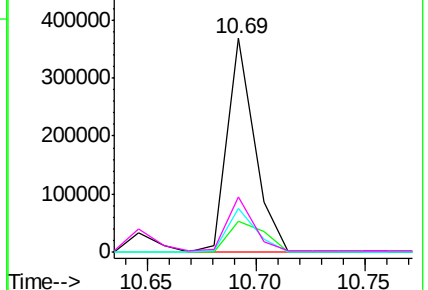


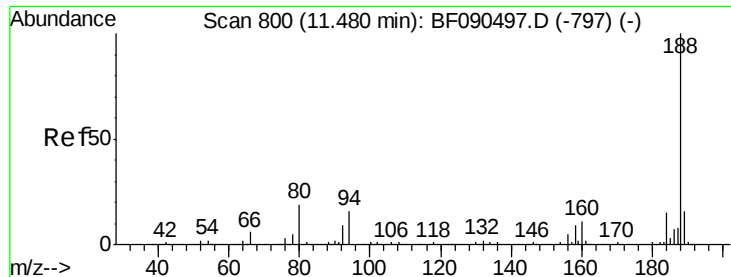
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

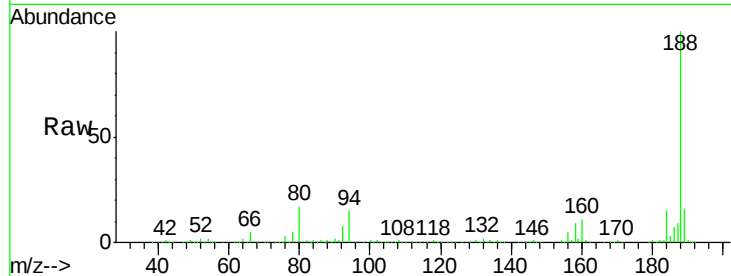




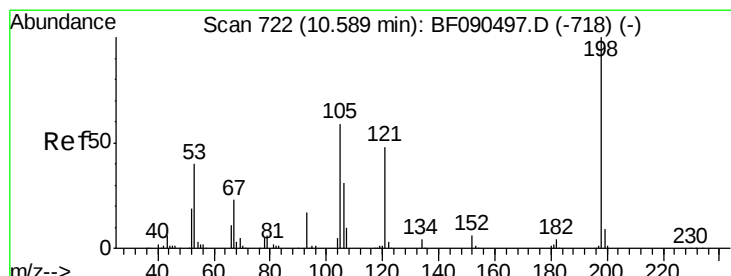
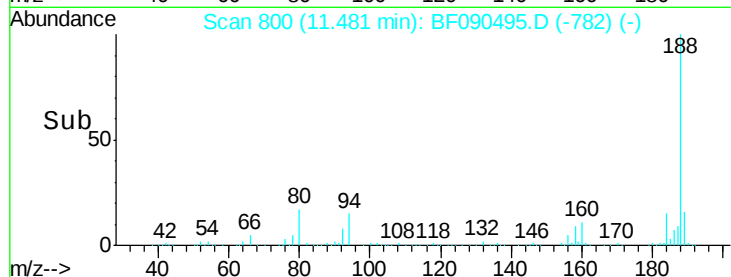
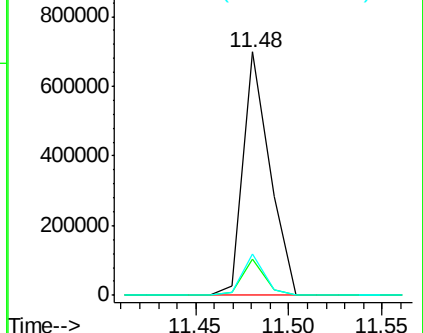
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF090495.D
 Acq: 11 Oct 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 695447
 Ion Ratio Lower Upper
 188 100
 94 15.0 8.2 12.2#
 80 17.2 8.8 13.2#

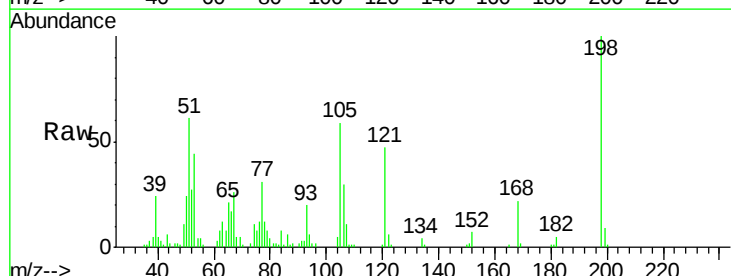


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

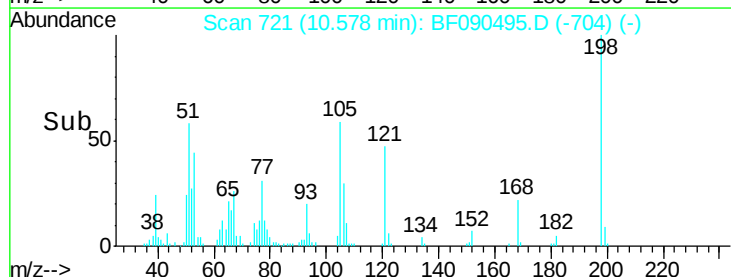
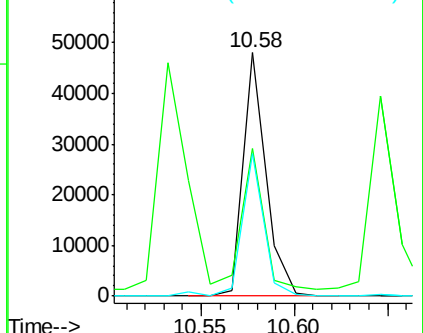


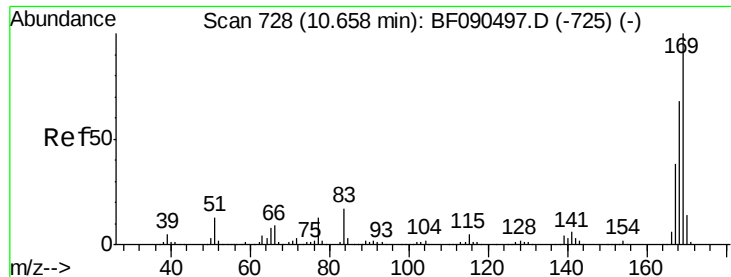
#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.71 ng
 RT: 10.58 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BF090495.D
 Acq: 11 Oct 2016 11:25

Tgt Ion:198 Resp: 40977
 Ion Ratio Lower Upper
 198 100
 51 60.8 67.3 107.3#
 105 58.7 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

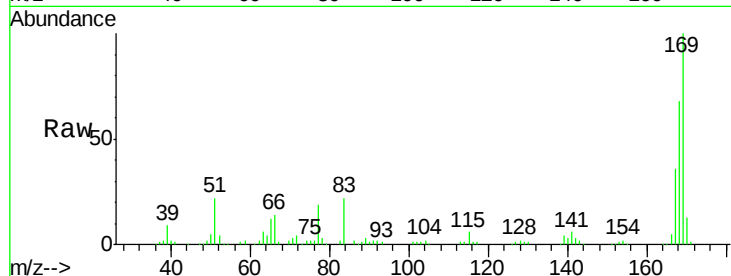




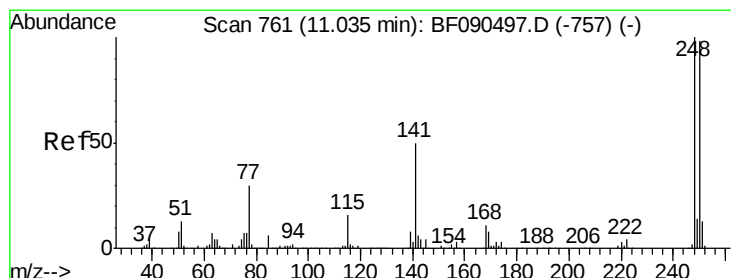
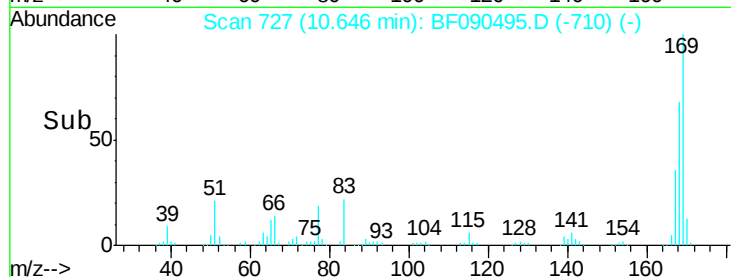
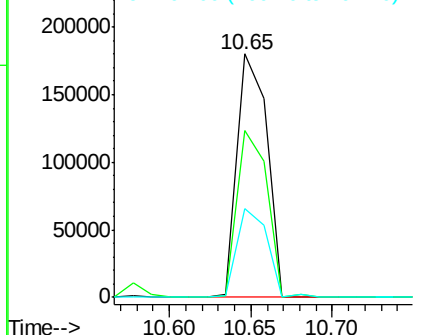
#65
 n-Nitrosodiphenylamine
 Concen: 9.73 ng
 RT: 10.65 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF090495.D
 Acq: 11 Oct 2016 11:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 226854
 Ion Ratio Lower Upper
 169 100
 168 68.3 53.8 80.6
 167 36.3 29.8 44.8

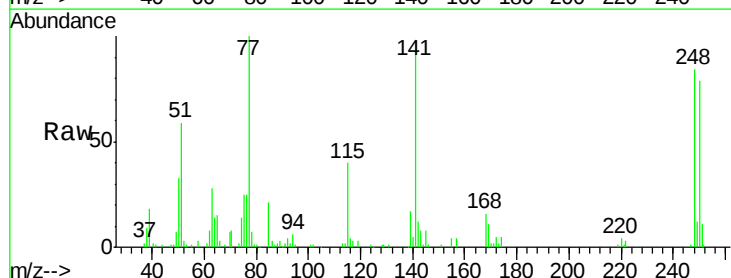


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

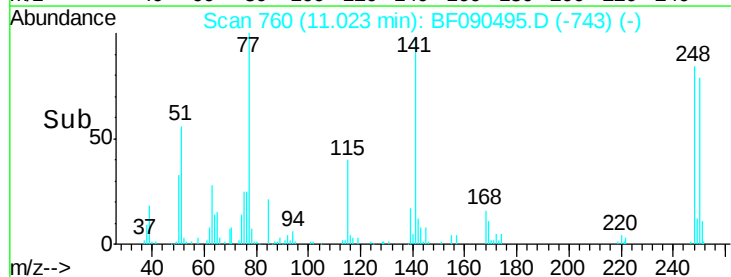
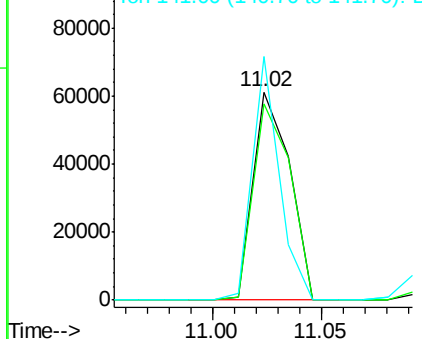


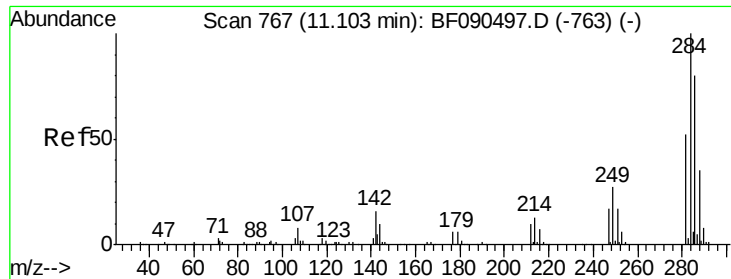
#66
 4-Bromophenyl-phenylether
 Concen: 10.49 ng
 RT: 11.02 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF090495.D
 Acq: 11 Oct 2016 11:25

Tgt Ion:248 Resp: 71486
 Ion Ratio Lower Upper
 248 100
 250 94.4 76.5 114.7
 141 116.9 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

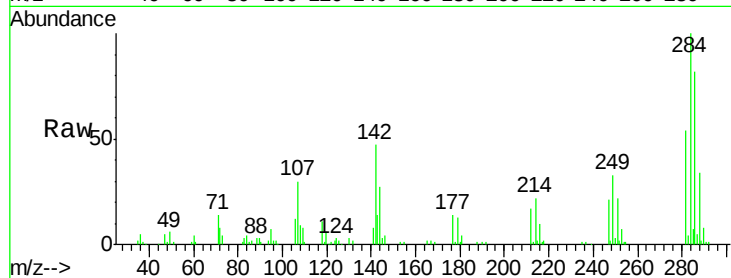




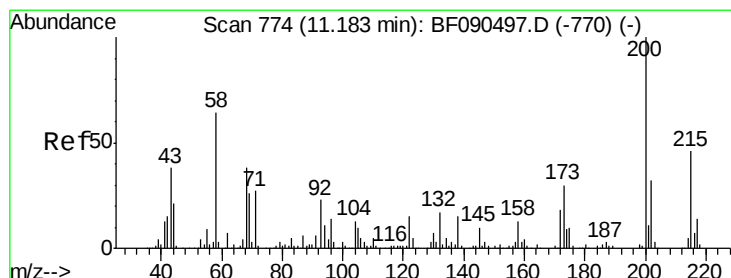
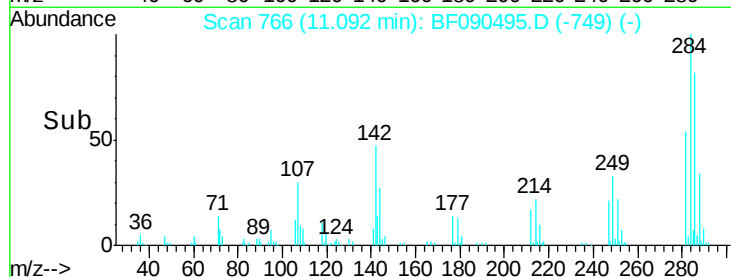
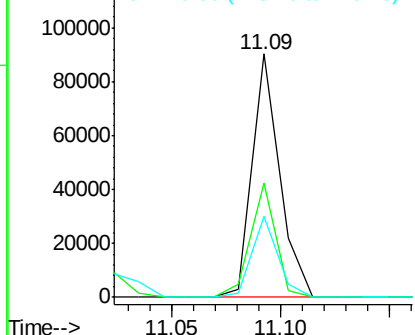
#67
Hexachlorobenzene
Concen: 10.46 ng
RT: 11.09 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 79390
Ion Ratio Lower Upper
284 100
142 47.1 23.1 34.7#
249 33.2 26.3 39.5

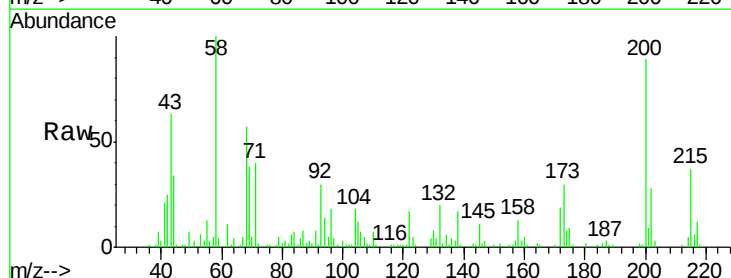


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

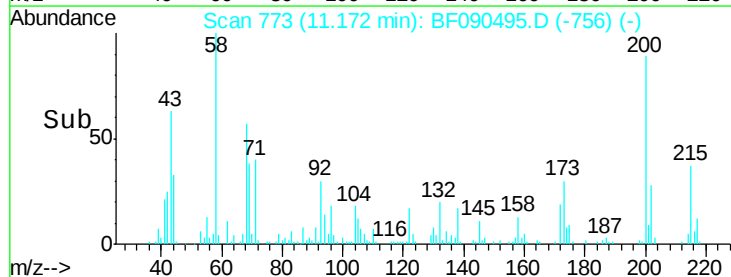
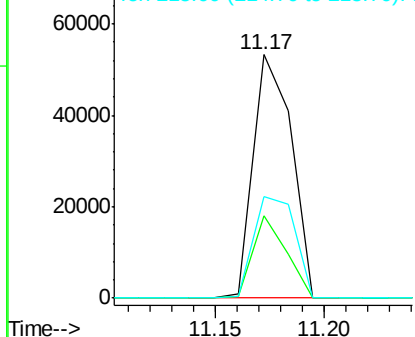


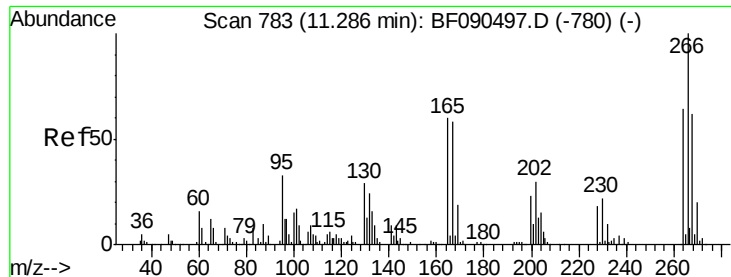
#68
Atrazine
Concen: 11.36 ng
RT: 11.17 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

Tgt Ion:200 Resp: 65307
Ion Ratio Lower Upper
200 100
173 34.0 9.0 49.0
215 41.9 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

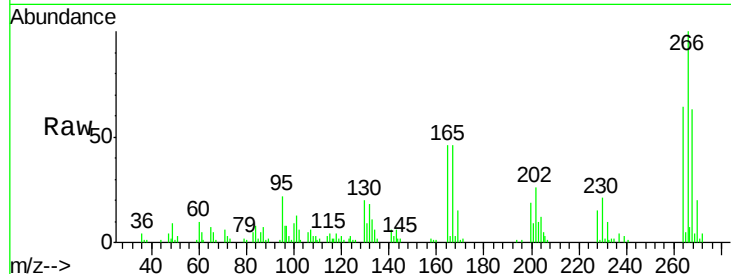




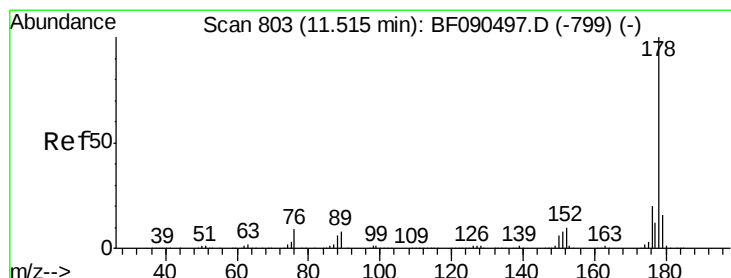
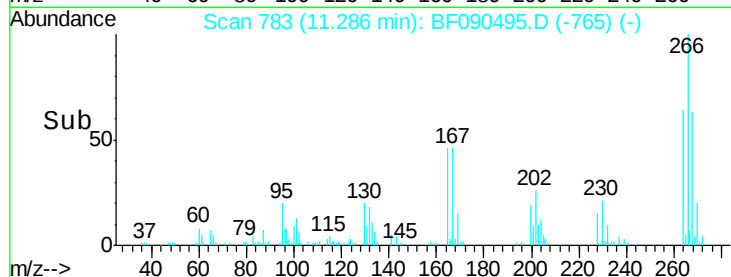
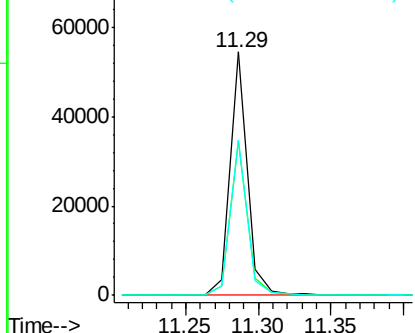
#69
 Pentachlorophenol
 Concen: 9.94 ng
 RT: 11.29 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF090495.D
 Acq: 11 Oct 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 44925
 Ion Ratio Lower Upper
 266 100
 268 63.3 50.9 76.3
 264 64.0 51.5 77.3

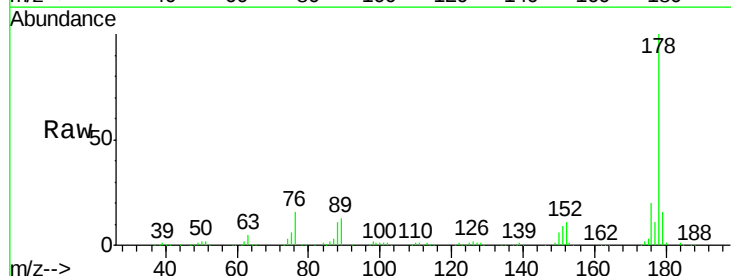


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

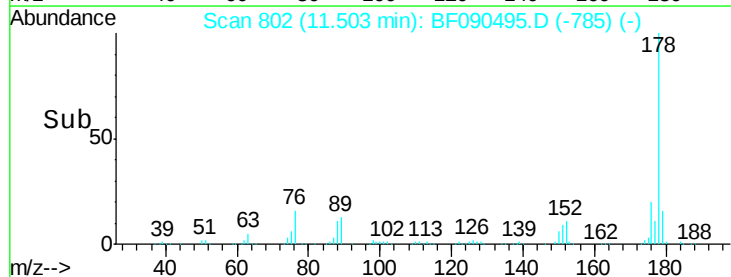
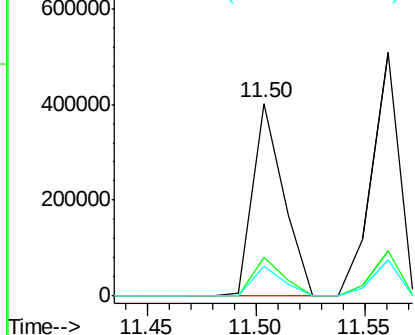


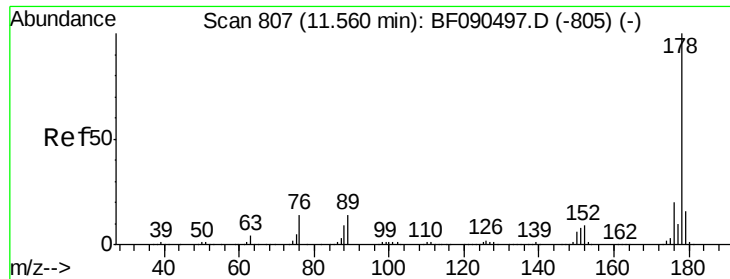
#70
 Phenanthrene
 Concen: 11.19 ng
 RT: 11.50 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF090495.D
 Acq: 11 Oct 2016 11:25

Tgt Ion:178 Resp: 398388
 Ion Ratio Lower Upper
 178 100
 176 19.8 17.3 25.9
 179 15.8 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

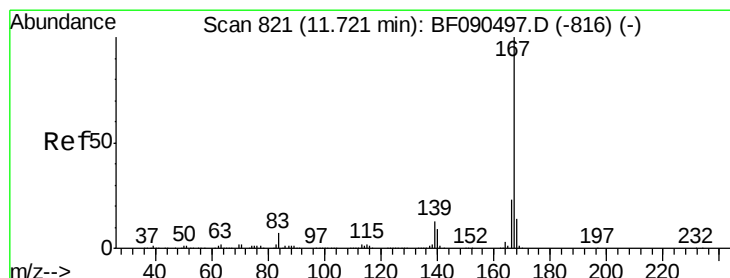
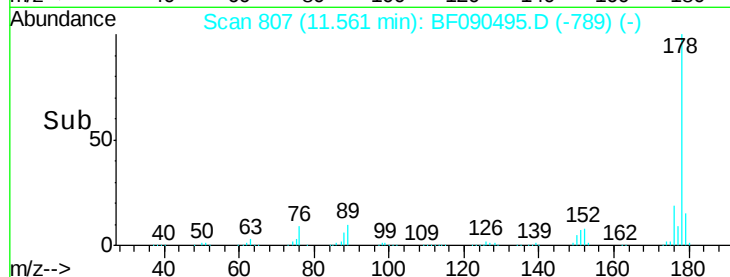
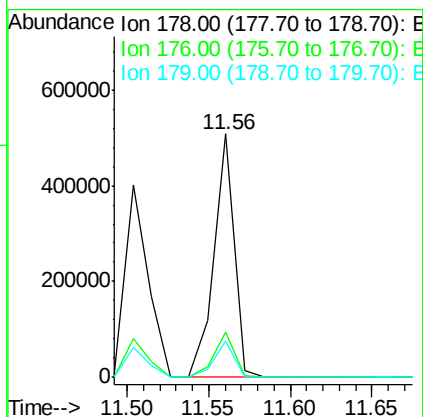
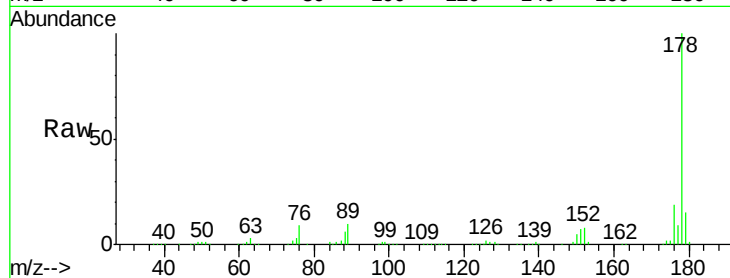




#71
 Anthracene
 Concen: 12.07 ng
 RT: 11.56 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF090495.D
 Acq: 11 Oct 2016 11:25

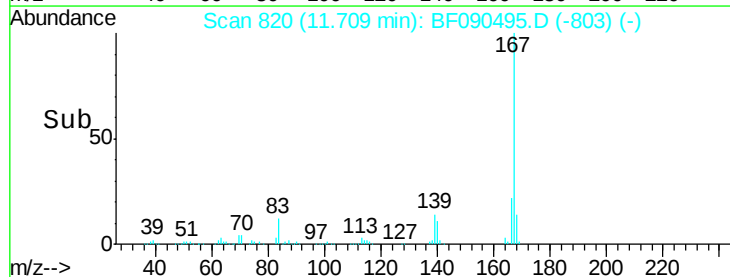
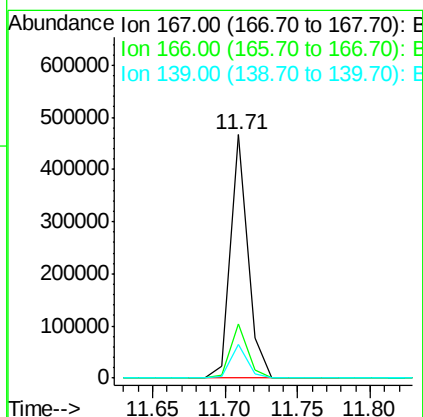
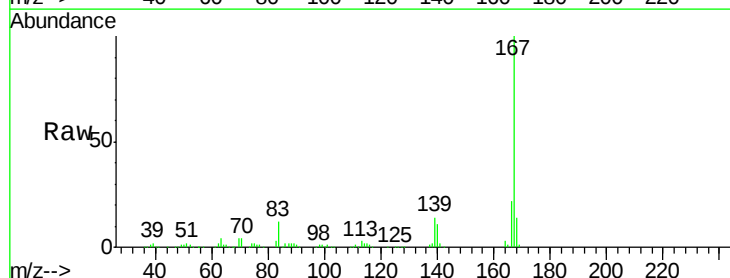
Instrument :
 BNA_F
 ClientSampleId :

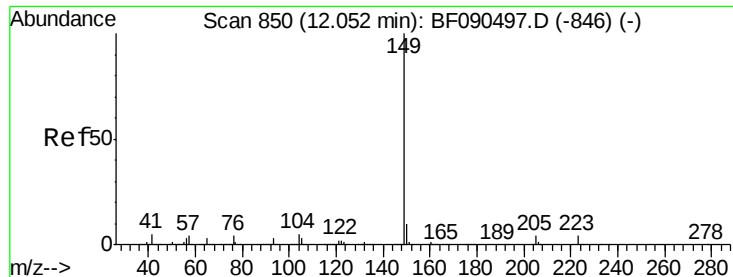
Tot Ion:178 Resp: 438822
 Ion Ratio Lower Upper
 178 100
 176 18.7 16.8 25.2
 179 15.1 13.4 20.2



#72
 Carbazole
 Concen: 11.53 ng
 RT: 11.71 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF090495.D
 Acq: 11 Oct 2016 11:25

Tgt Ion:167 Resp: 389502
 Ion Ratio Lower Upper
 167 100
 166 22.1 19.1 28.7
 139 14.1 12.1 18.1





#73

Di-n-butylphthalate

Concen: 11.58 ng

RT: 12.04 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

Instrument :

BNA_F

ClientSampleId :

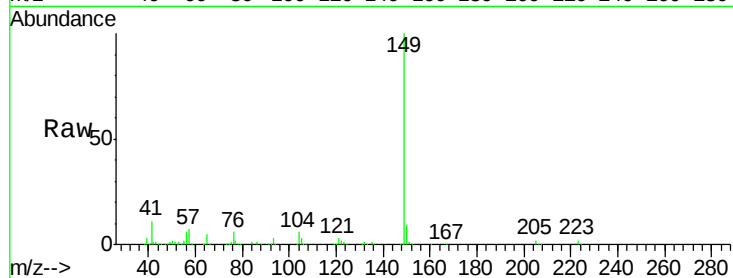
Tot Ion:149 Resp: 476016

Ion Ratio Lower Upper

149 100

150 9.2 8.6 12.8

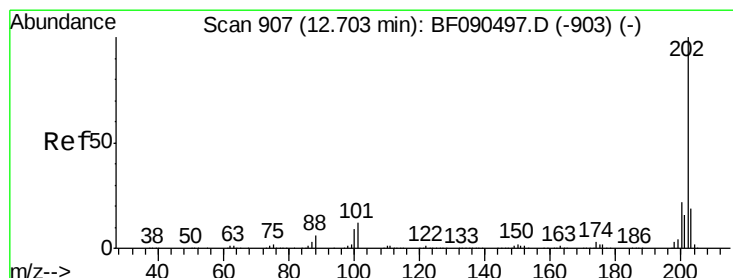
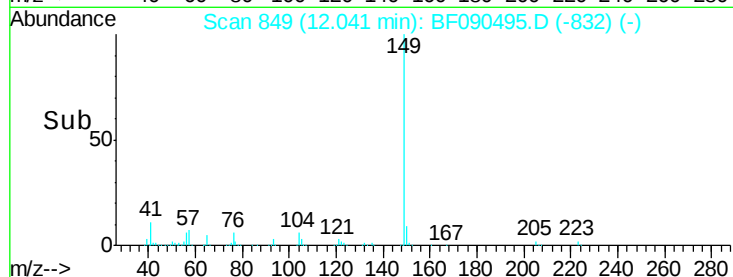
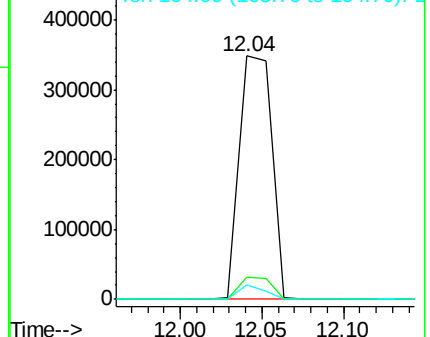
104 5.8 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 11.58 ng

RT: 12.69 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

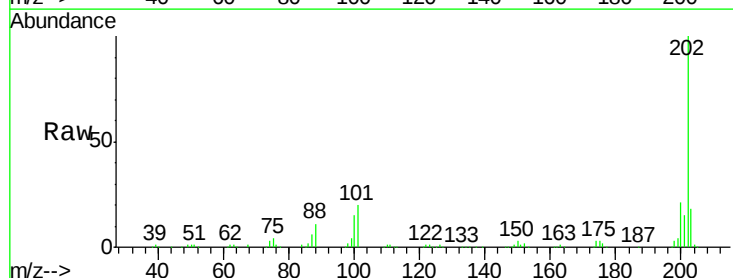
Tgt Ion:202 Resp: 404586

Ion Ratio Lower Upper

202 100

101 20.0 0.0 37.2

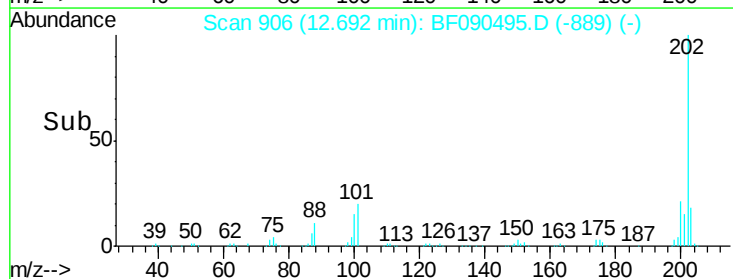
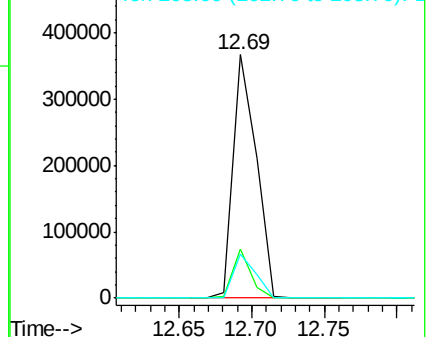
203 18.0 0.0 39.3

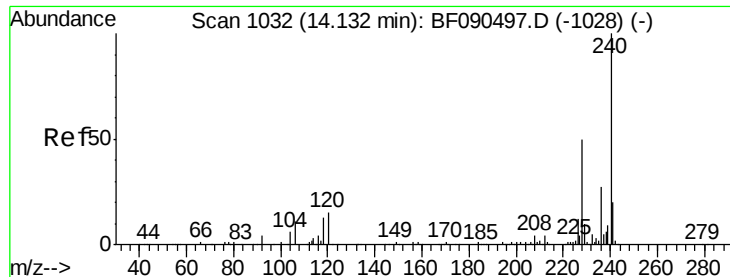


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

Instrument :

BNA_F

ClientSampleId :

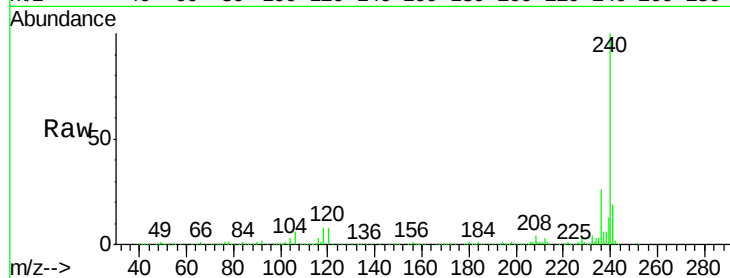
Tot Ion:240 Resp: 673915

Ion Ratio Lower Upper

240 100

120 8.5 8.6 13.0#

236 26.3 21.6 32.4

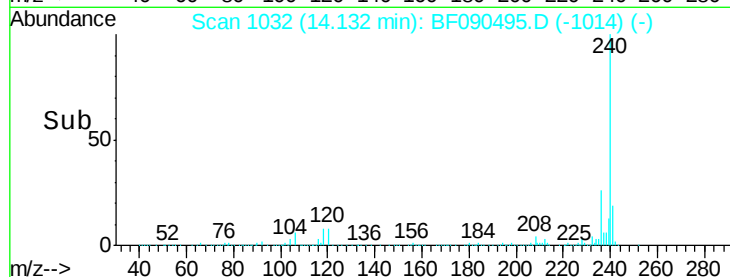


Abundance Ion 240.00 (239.70 to 240.70): E

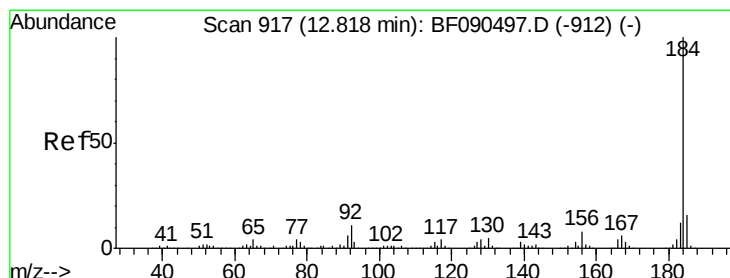
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.13



Time-->



#76

Benzidine

Concen: 13.70 ng

RT: 12.82 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

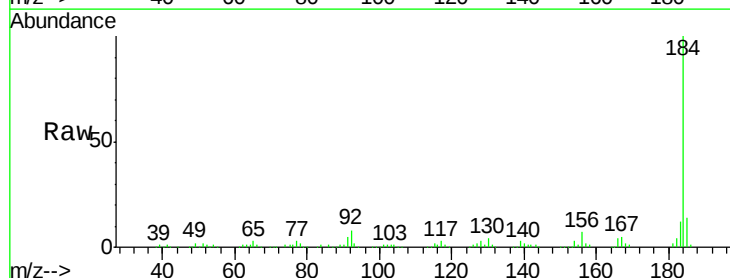
Tgt Ion:184 Resp: 242689

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.8

183 11.6 9.6 14.4

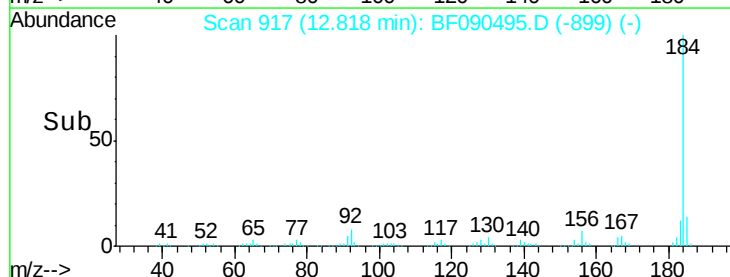


Abundance Ion 184.00 (183.70 to 184.70): E

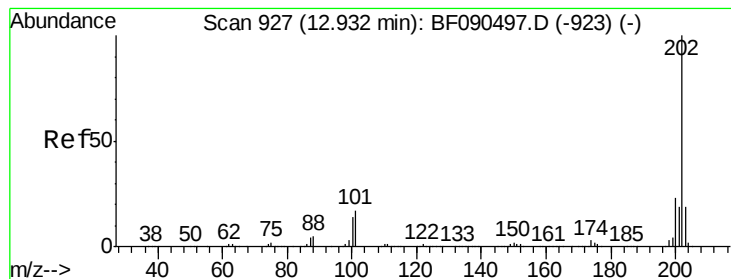
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.82



Time-->



#77

Pvrene

Concen: 9.34 ng

RT: 12.92 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

Instrument :

BNA_F

ClientSampleId :

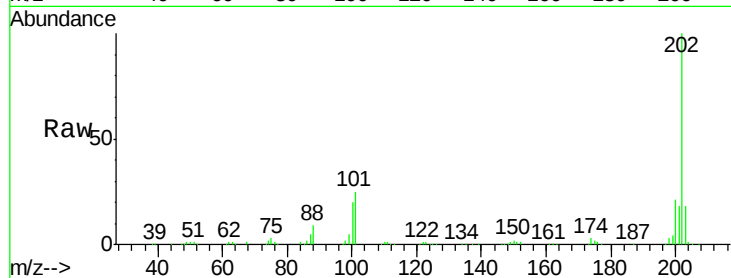
Tot Ion:202 Resp: 419734

Ion Ratio Lower Upper

202 100

200 21.0 18.5 27.7

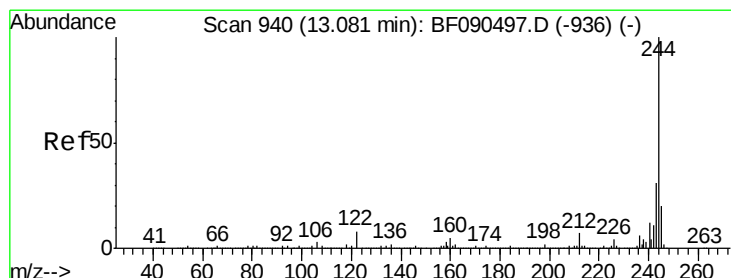
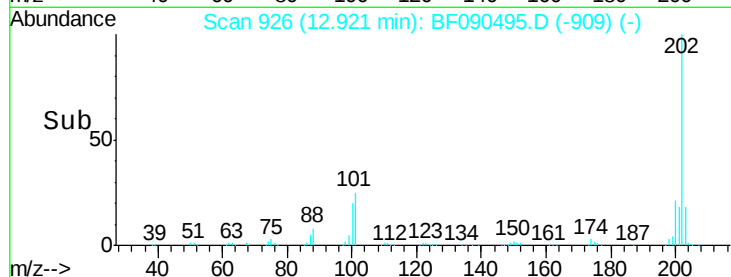
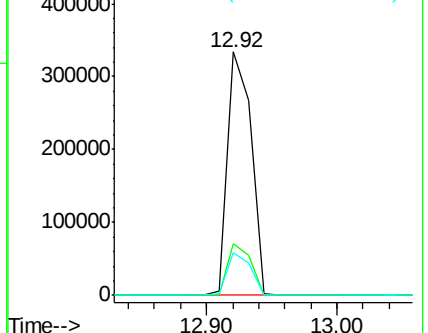
203 17.6 15.0 22.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 20.18 ng

RT: 13.07 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

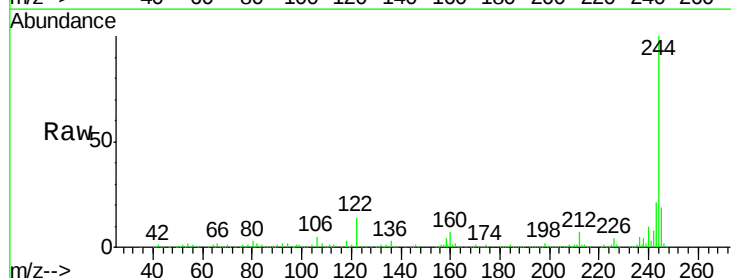
Tgt Ion:244 Resp: 604842

Ion Ratio Lower Upper

244 100

212 7.1 6.8 10.2

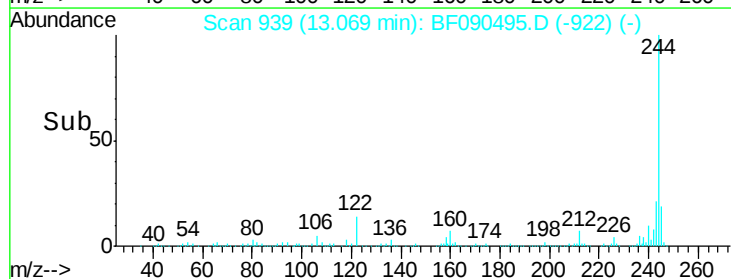
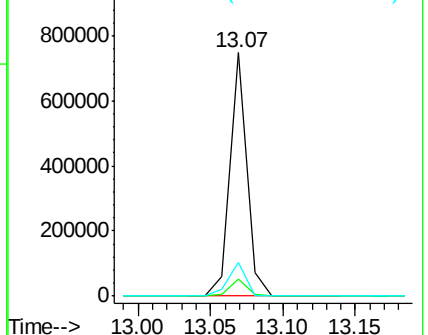
122 13.8 13.3 19.9

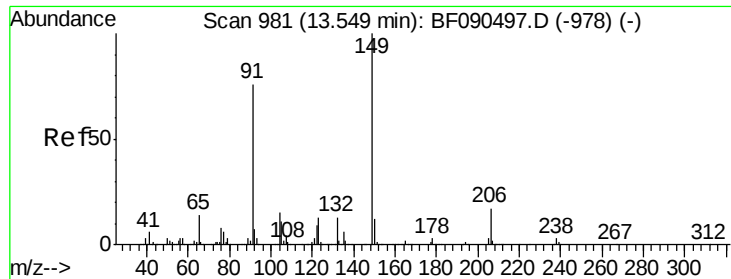


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

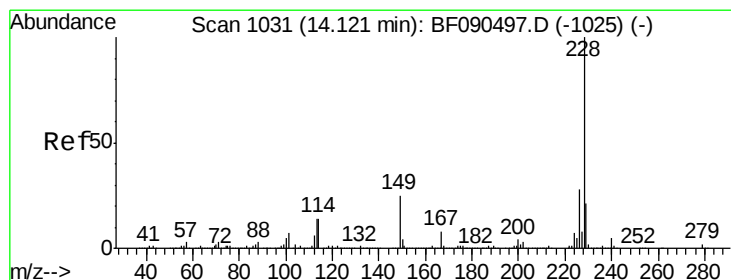
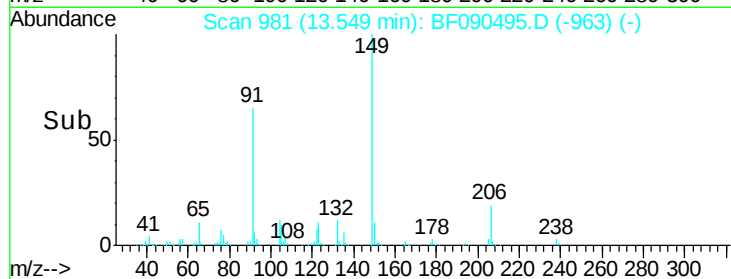
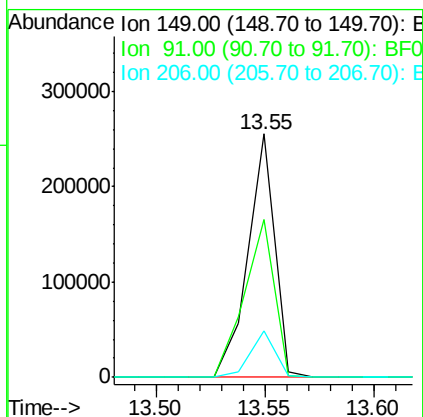
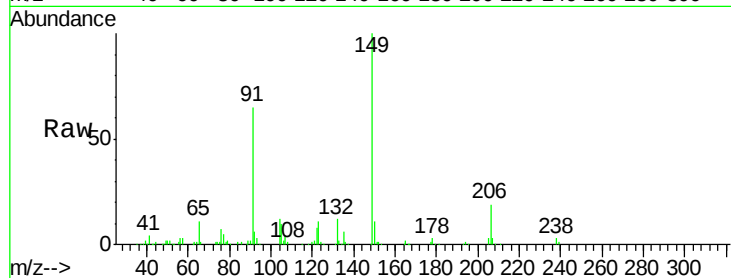




#79
Butylbenzylphthalate
Concen: 9.46 ng
RT: 13.55 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

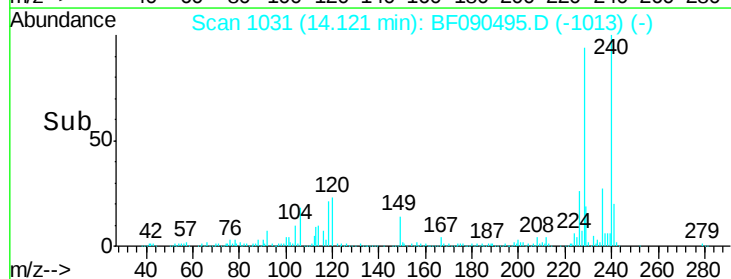
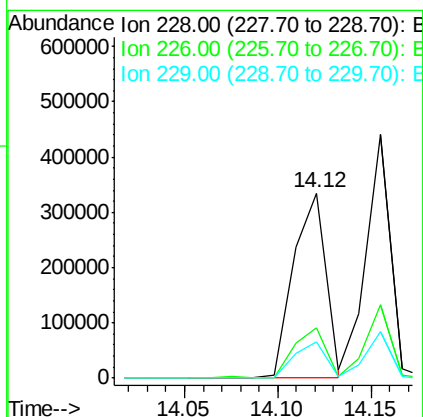
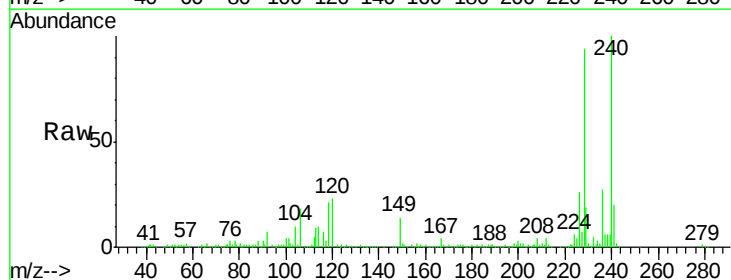
Instrument :
BNA_F
ClientSampleId :

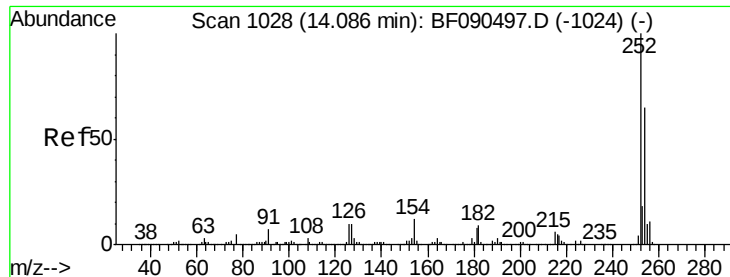
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.6	51.8	77.8
206	19.0	18.0	27.0



#80
Benzo(a)anthracene
Concen: 10.77 ng
RT: 14.12 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	23.6	35.4
229	19.7	16.6	25.0





#81

3,3'-Dichlorobenzidine

Concen: 10.14 ng

RT: 14.08 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

Instrument :

BNA_F

ClientSampleId :

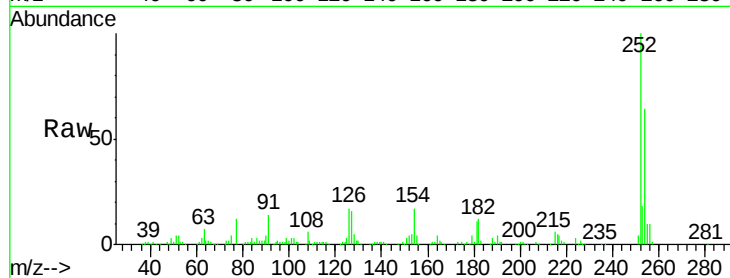
Tot Ion:252 Resp: 138999

Ion Ratio Lower Upper

252 100

254 63.6 52.1 78.1

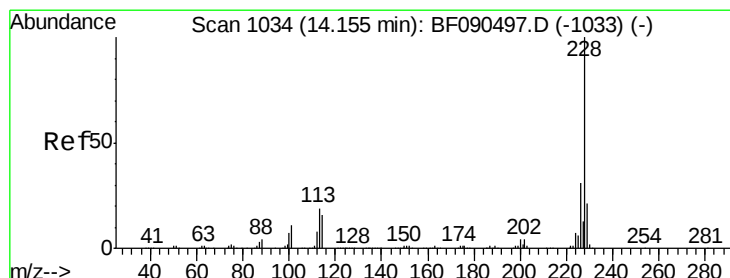
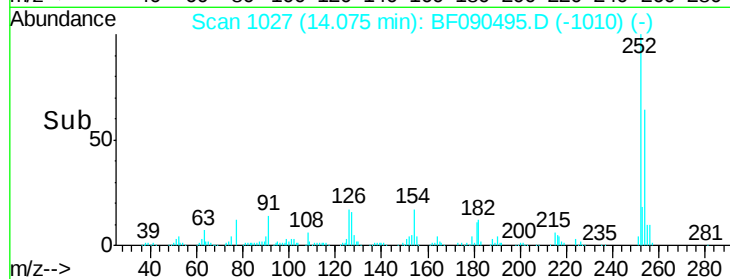
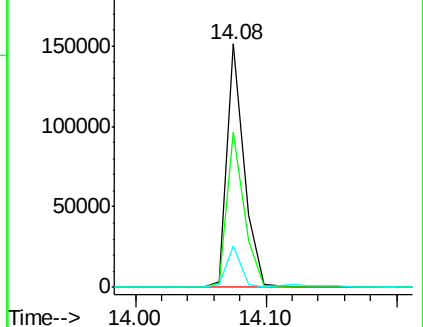
126 17.2 4.2 6.4#



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: 11.48 ng

RT: 14.16 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

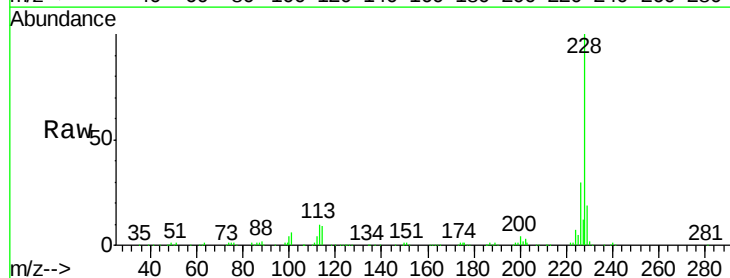
Tgt Ion:228 Resp: 399550

Ion Ratio Lower Upper

228 100

226 30.2 25.8 38.6

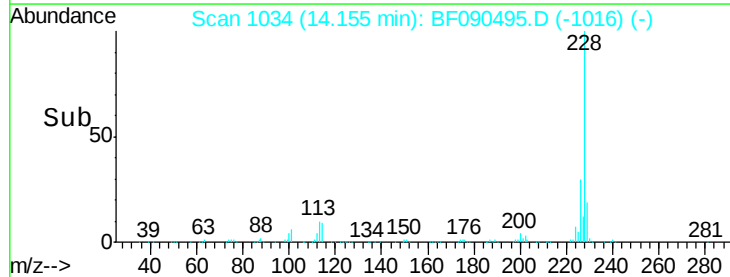
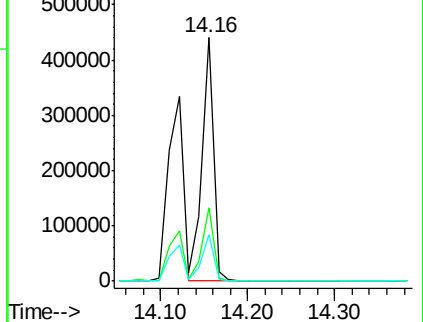
229 19.4 16.9 25.3

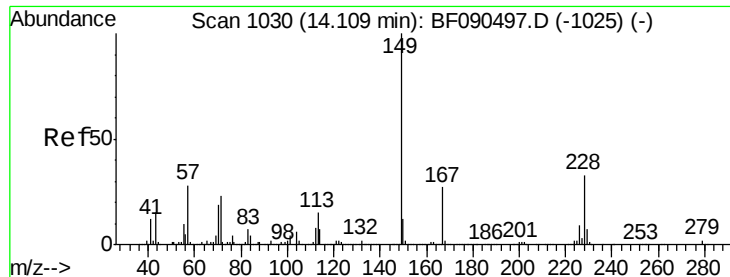


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

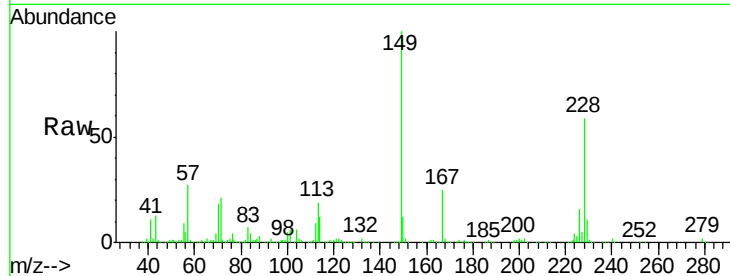




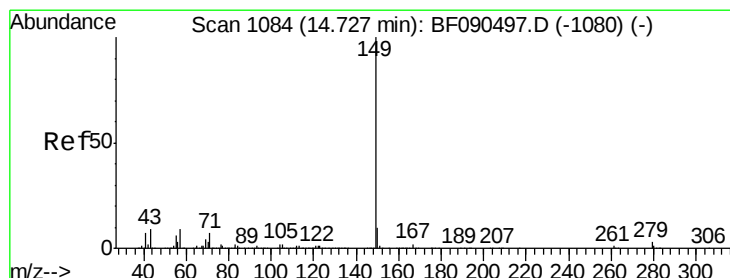
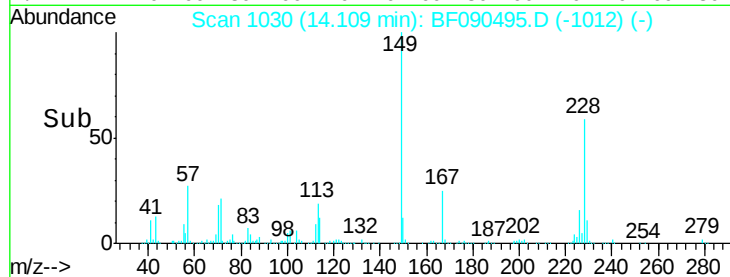
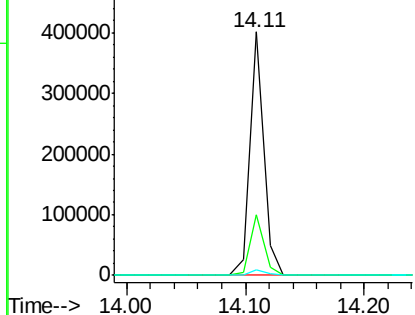
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 10.10 ng
 RT: 14.11 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF090495.D
 Acq: 11 Oct 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 331071
 Ion Ratio Lower Upper
 149 100
 167 24.9 21.5 32.3
 279 2.2 2.6 3.8#

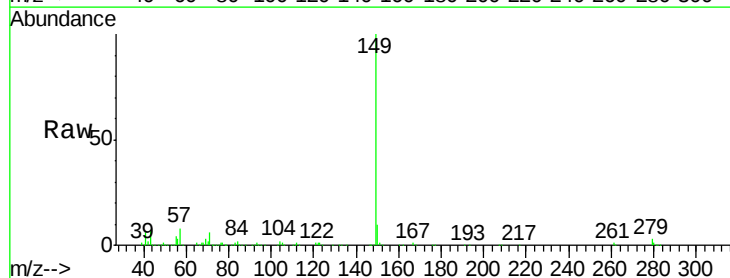


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

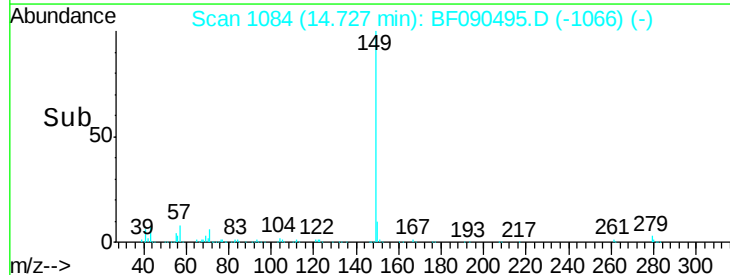
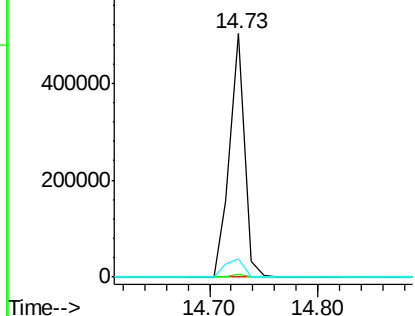


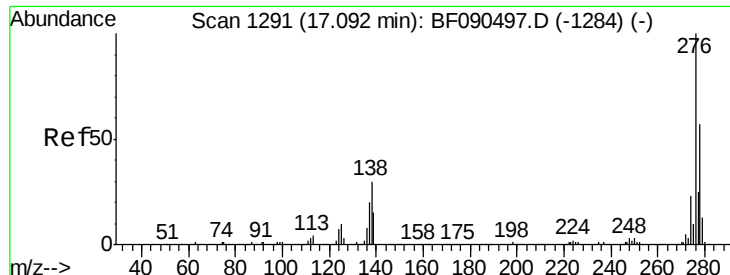
#84
 Di-n-octyl phthalate
 Concen: 9.88 ng
 RT: 14.73 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF090495.D
 Acq: 11 Oct 2016 11:25

Tgt Ion:149 Resp: 479916
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.3 1.9
 43 10.0 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

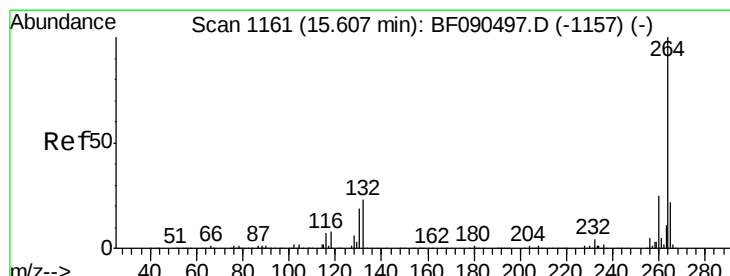
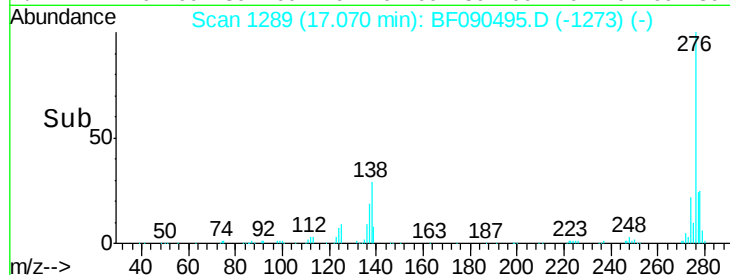
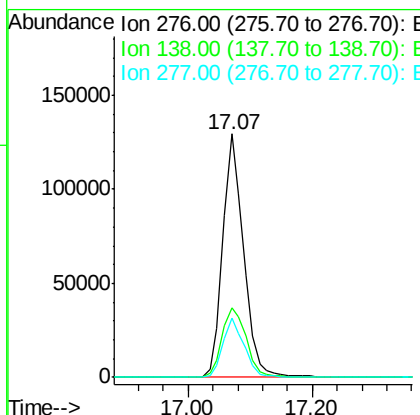
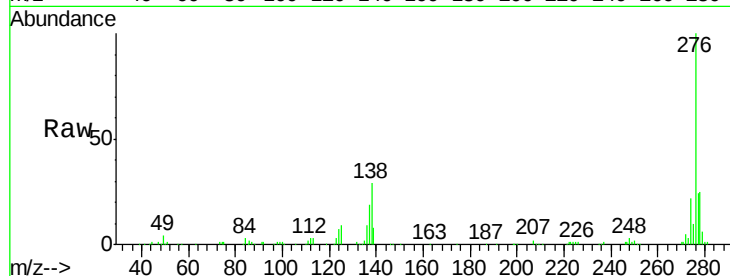




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 12.18 ng
 RT: 17.07 min Scan# 1289
 Delta R.T. -0.02 min
 Lab File: BF090495.D
 Acq: 11 Oct 2016 11:25

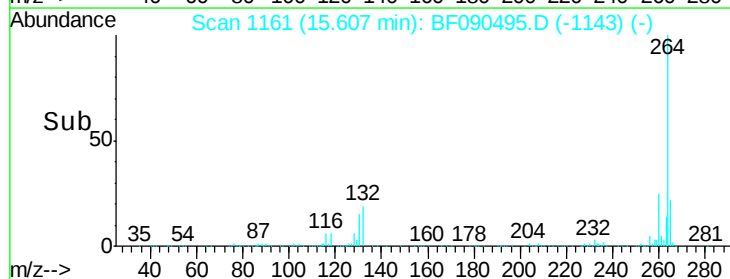
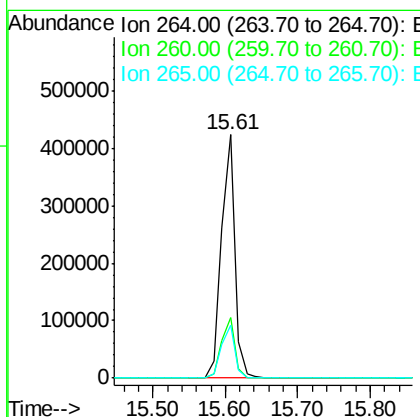
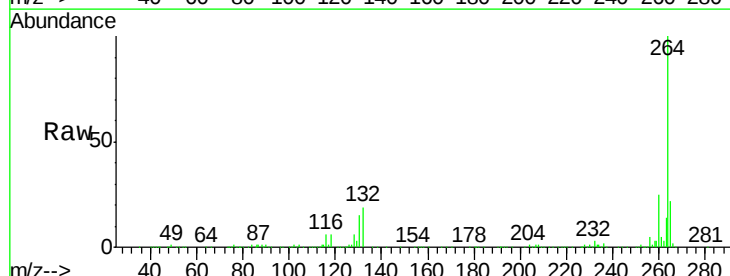
Instrument :
 BNA_F
 ClientSampleId :

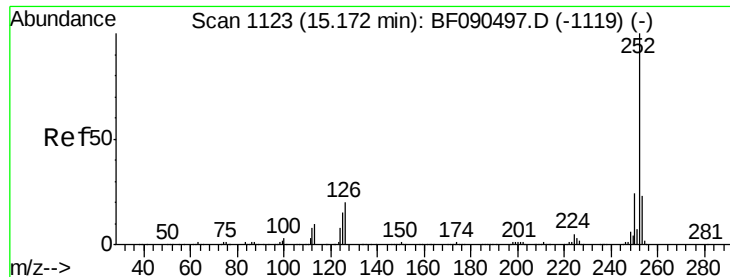
Tot Ion:276 Resp: 302081
 Ion Ratio Lower Upper
 276 100
 138 33.2 23.8 35.8
 277 24.8 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF090495.D
 Acq: 11 Oct 2016 11:25

Tgt Ion:264 Resp: 546234
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.3 28.9
 265 21.8 17.4 26.0

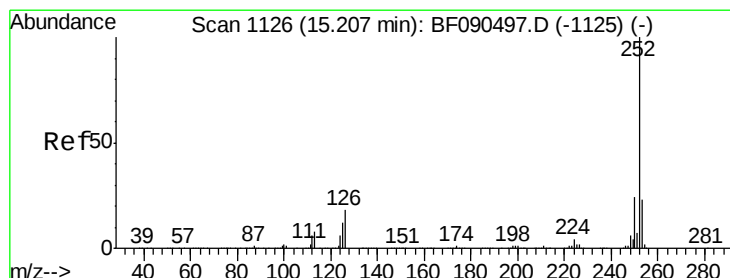
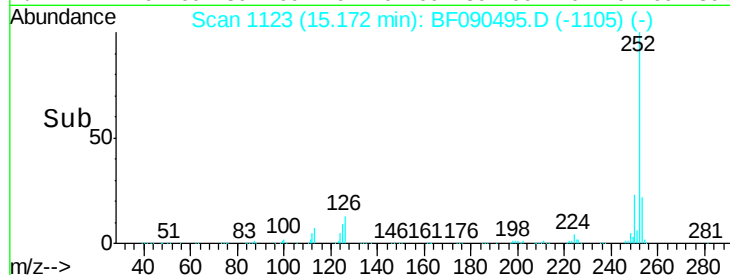
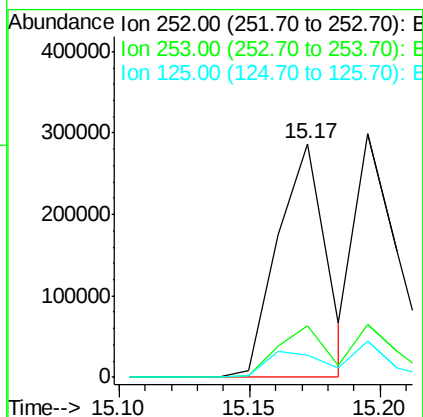
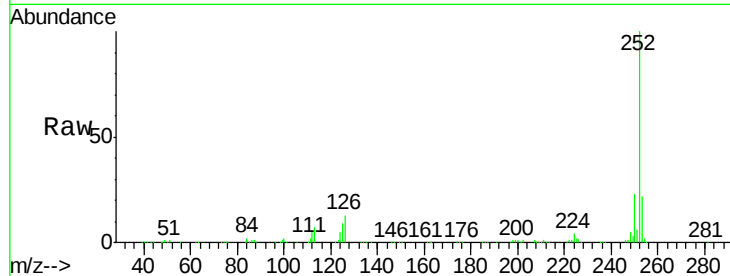




#87
Benzo(b)fluoranthene
Concen: 10.57 ng
RT: 15.17 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

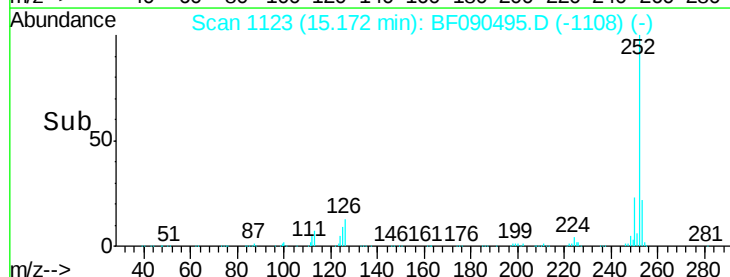
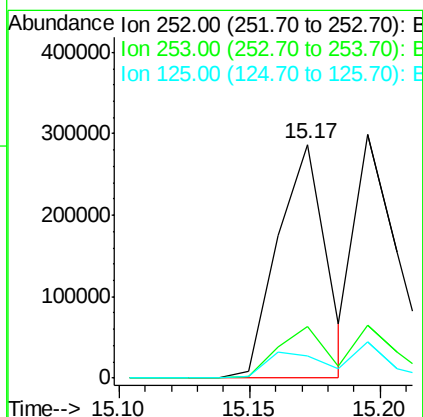
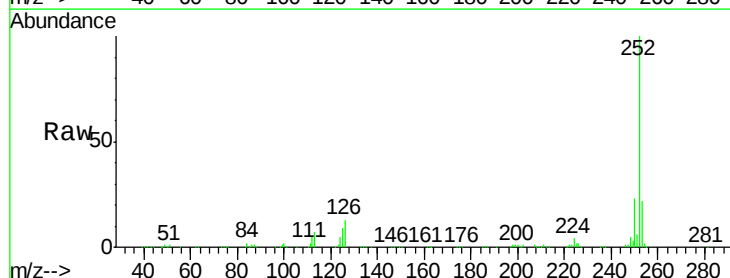
Instrument :
BNA_F
ClientSampleId :

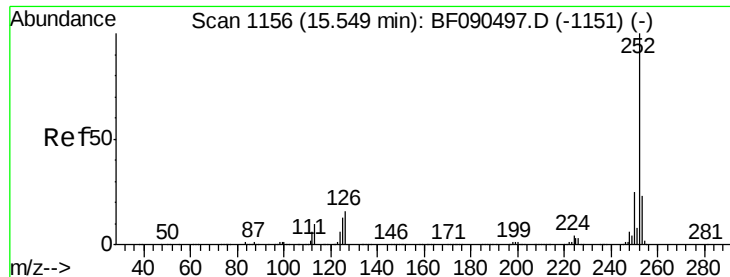
Tot Ion:252 Resp: 367891
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 9.4 7.0 10.4



#88
Benzo(k)fluoranthene
Concen: 11.26 ng
RT: 15.17 min Scan# 1123
Delta R.T. -0.03 min
Lab File: BF090495.D
Acq: 11 Oct 2016 11:25

Tgt Ion:252 Resp: 367891
Ion Ratio Lower Upper
252 100
253 22.1 18.6 27.8
125 9.4 11.7 17.5#





#89

Benzo(a)pyrene

Concen: 10.52 ng

RT: 15.54 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

Instrument :

BNA_F

ClientSampleId :

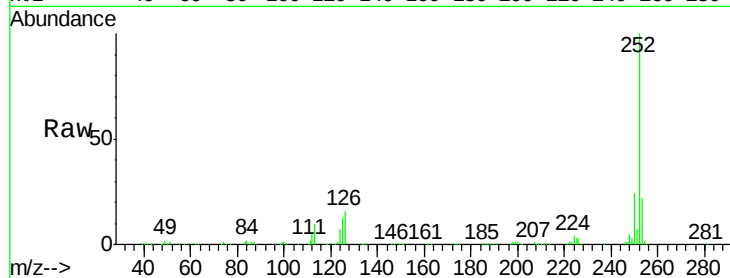
Tot Ion:252 Resp: 315363

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.4

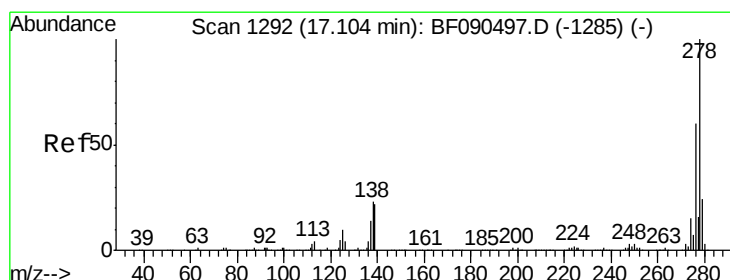
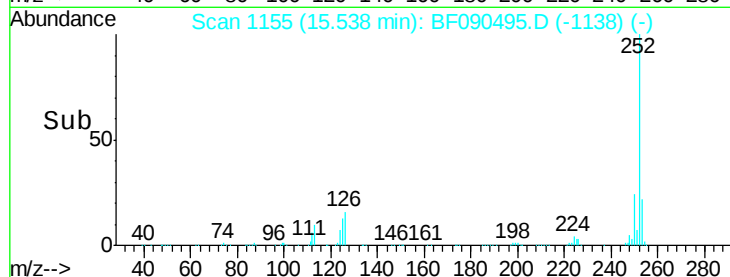
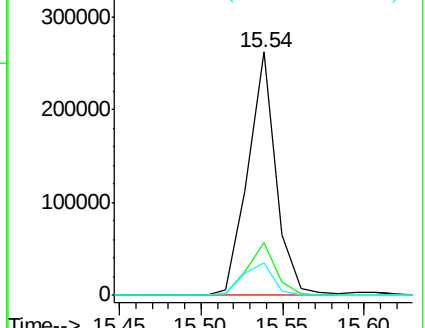
125 13.1 9.8 14.8



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: 10.22 ng

RT: 17.09 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

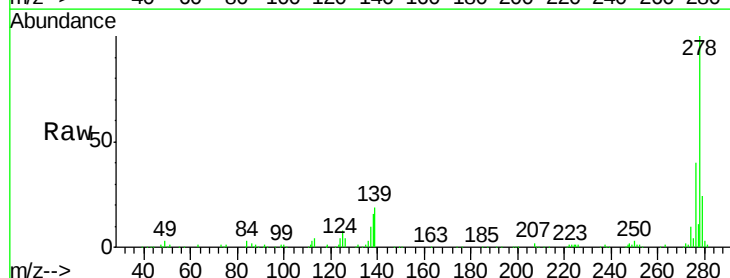
Tgt Ion:278 Resp: 260852

Ion Ratio Lower Upper

278 100

139 18.8 12.8 19.2

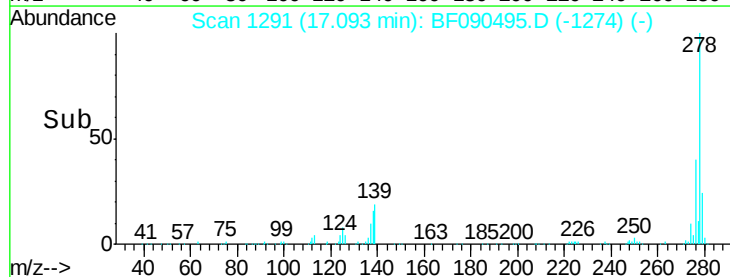
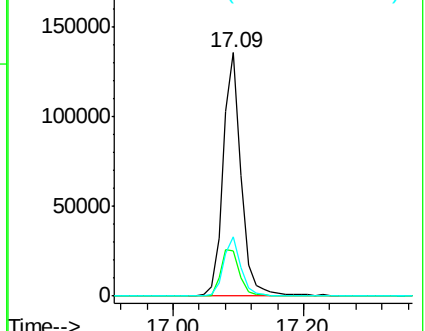
279 24.2 19.6 29.4

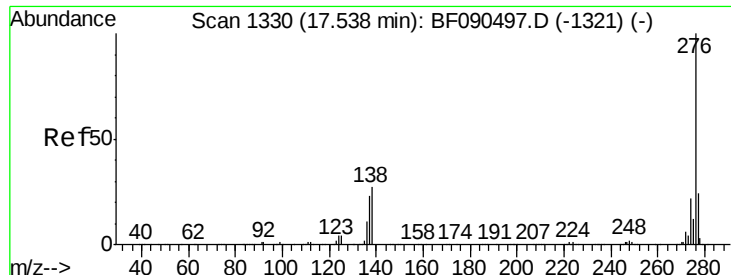


Abundance Ion 278.00 (277.70 to 278.70): E

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: 10.17 ng

RT: 17.52 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF090495.D

Acq: 11 Oct 2016 11:25

Instrument :

BNA_F

ClientSampleId :

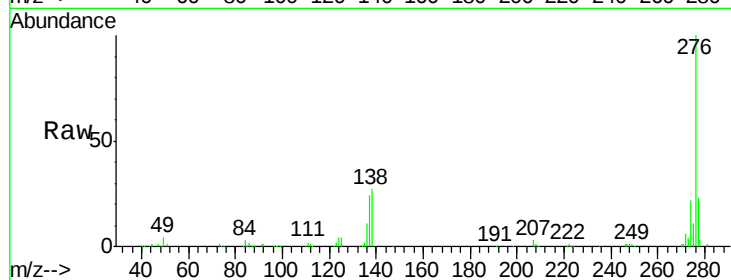
Tot Ion: 276 Resp: 248885

Ion Ratio Lower Upper

276 100

277 23.2 19.4 29.0

138 26.6 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

