

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090502.D
 Acq On : 11 Oct 2016 15:23
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101116

Quant Time: Oct 11 16:02:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 15:28:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	210183	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	854148	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	437977	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	726895	20.00	ng	0.00
75) Chrysene-d12	14.13	240	726914	20.00	ng	0.00
86) Perylene-d12	15.61	264	564369	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1130448	83.67	ng	0.00
7) Phenol-d6	6.59	99	1418845	83.22	ng	0.00
23) Nitrobenzene-d5	7.51	82	1188718	75.48	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	372770	85.86	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2113189	81.08	ng	0.00
78) Terphenyl-d14	13.08	244	2355156	79.18	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.61	88	263560	39.77	ng	# 83
3) Pyridine	3.37	79	738889	40.34	ng	# 77
4) n-Nitrosodimethylamine	3.32	42	242055	40.32	ng	# 38
6) Aniline	6.61	93	858765	39.71	ng	97
8) 2-Chlorophenol	6.74	128	587825	40.90	ng	95
9) Benzaldehyde	6.50	77	437859	40.77	ng	99
10) Phenol	6.60	94	863396	44.90	ng	96
11) bis(2-Chloroethyl)ether	6.69	93	580639	40.34	ng	91
12) 1,3-Dichlorobenzene	6.90	146	634852	40.94	ng	99
13) 1,4-Dichlorobenzene	6.97	146	587243	37.12	ng	98
14) 1,2-Dichlorobenzene	7.13	146	615142	42.79	ng	98
15) Benzyl Alcohol	7.09	79	506975	38.73	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	787061	38.15	ng	89
17) 2-Methylphenol	7.21	107	453971	38.84	ng	99
18) Hexachloroethane	7.47	117	230928	39.55	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	404653	37.21	ng	# 81
20) 3+4-Methylphenols	7.37	107	601017	40.61	ng	# 60
22) Acetophenone	7.37	105	775660	41.25	ng	# 90
24) Nitrobenzene	7.54	77	698620	41.36	ng	92
25) Isophorone	7.78	82	1106337	38.60	ng	99
26) 2-Nitrophenol	7.86	139	328555	42.63	ng	97
27) 2,4-Dimethylphenol	7.89	122	523332	39.95	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	642346	36.29	ng	# 96
29) 2,4-Dichlorophenol	8.10	162	460054	41.99	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	477670	37.95	ng	100
31) Naphthalene	8.27	128	1659073	38.99	ng	97
32) Benzoic acid	8.02	122	438908	42.45	ng	98
33) 4-Chloroaniline	8.31	127	713207	39.59	ng	# 86
34) Hexachlorobutadiene	8.38	225	272056	38.66	ng	99
35) Caprolactam	8.68	113	140285	39.49	ng	# 78
36) 4-Chloro-3-methylphenol	8.79	107	535701	41.87	ng	91
37) 2-Methylnaphthalene	8.95	142	1046337	39.06	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	511160	41.69	ng	98
40) Hexachlorocyclopentadiene	9.11	237	253105	41.59	ng	99

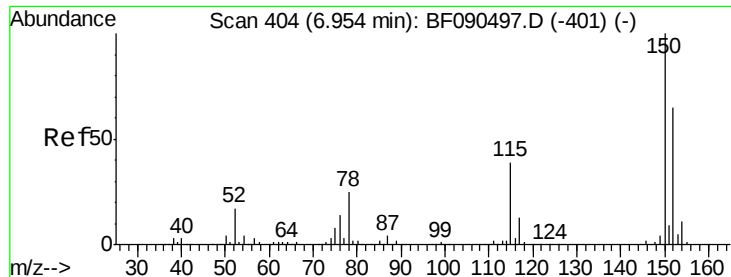
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	310471	37.56	nq	97
43) 2,4,5-Trichlorophenol	9.27	196	340484	41.62	nq	# 89
45) 1,1'-Biphenyl	9.42	154	1420158	42.46	nq	95
46) 2-Chloronaphthalene	9.45	162	1053729	42.34	nq	97
47) 2-Nitroaniline	9.54	65	372065	41.91	nq	95
48) Acenaphthylene	9.86	152	1494227	37.21	nq	99
49) Dimethylphthalate	9.72	163	1129437	38.34	nq	99
50) 2,6-Dinitrotoluene	9.78	165	237848	36.57	nq	94
51) Acenaphthene	10.03	154	1030735	38.30	nq	97
52) 3-Nitroaniline	9.95	138	309564	38.36	nq	99
53) 2,4-Dinitrophenol	10.05	184	157631	43.68	nq	94
54) Dibenzofuran	10.20	168	1334428	37.27	nq	92
55) 4-Nitrophenol	10.11	139	280239	44.69	nq	# 70
56) 2,4-Dinitrotoluene	10.18	165	324059	37.67	nq	# 35
57) Fluorene	10.54	166	1128966	38.62	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	279703	40.99	nq	94
59) Diethylphthalate	10.42	149	1140789	38.08	nq	# 92
60) 4-Chlorophenyl-phenylether	10.54	204	577538	42.82	nq	90
61) 4-Nitroaniline	10.57	138	353667	42.95	nq	89
62) Azobenzene	10.70	77	1360719	41.59	nq	86
64) 4,6-Dinitro-2-methylphenol	10.59	198	189154	38.96	nq	# 76
65) n-Nitrosodiphenylamine	10.66	169	924126	39.10	nq	98
66) 4-Bromophenyl-phenylether	11.03	248	345800	42.93	nq	# 86
67) Hexachlorobenzene	11.10	284	357273	40.16	nq	# 85
68) Atrazine	11.18	200	265702	36.32	nq	98
69) Pentachlorophenol	11.29	266	204366	38.60	nq	99
70) Phenanthrene	11.51	178	1696747	42.35	nq	98
71) Anthracene	11.56	178	1489205	36.69	nq	98
72) Carbazole	11.72	167	1570849	40.98	nq	96
73) Di-n-butylphthalate	12.05	149	1970203	42.68	nq	# 97
74) Fluoranthene	12.70	202	1800460	44.03	nq	93
76) Benzidine	12.82	184	791597	34.65	nq	# 96
77) Pyrene	12.93	202	1793090	39.41	nq	99
79) Butylbenzylphthalate	13.55	149	835528	39.23	nq	90
80) Benzo(a)anthracene	14.12	228	1606869	37.09	nq	98
81) 3,3'-Dichlorobenzidine	14.09	252	648471	41.60	nq	# 99
82) Chrysene	14.16	228	1389191	34.45	nq	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	1152429	37.07	nq	# 99
84) Di-n-octyl phthalate	14.73	149	1852373	38.48	nq	# 87
85) Indeno(1,2,3-cd)pyrene	17.09	276	1278359	38.07	nq	97
87) Benzo(b)fluoranthene	15.17	252	1604502	43.09	nq	# 95
88) Benzo(k)fluoranthene	15.17	252	1604502	48.44	nq	99
89) Benzo(a)pyrene	15.55	252	1348757	41.25	nq	99
90) Dibenzo(a,h)anthracene	17.10	278	1136652	40.92	nq	# 95
91) Benzo(g,h,i)perylene	17.54	276	1027502	40.00	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

Instrument :

BNA_F

ClientSampleId :

ICVBF101116

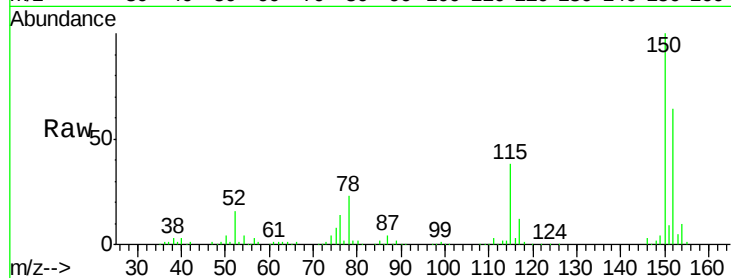
Tot Ion:152 Resp: 210183

Ion Ratio Lower Upper

152 100

150 155.5 124.6 186.8

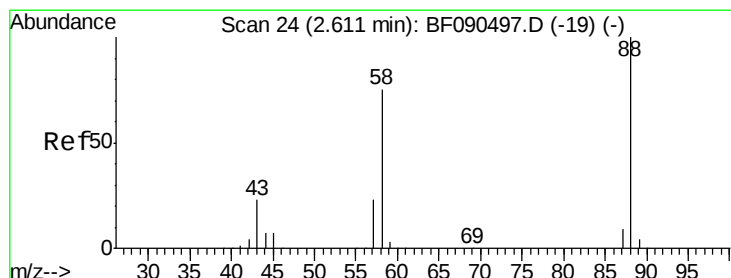
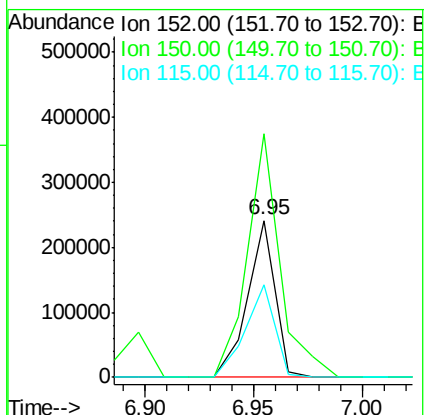
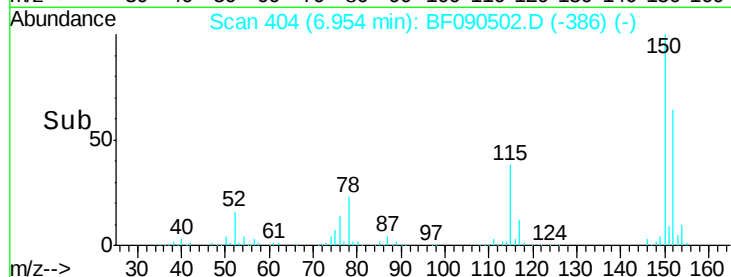
115 59.0 46.2 69.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.77 ng

RT: 2.61 min Scan# 24

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

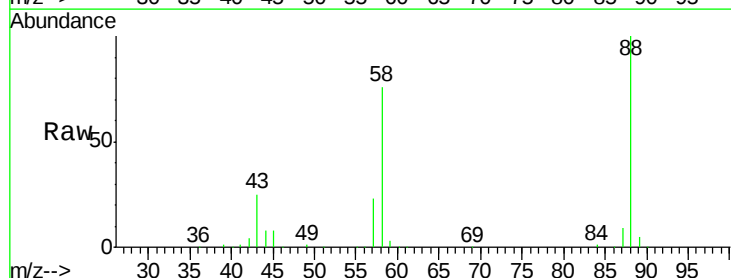
Tgt Ion: 88 Resp: 263560

Ion Ratio Lower Upper

88 100

58 75.4 71.2 106.8

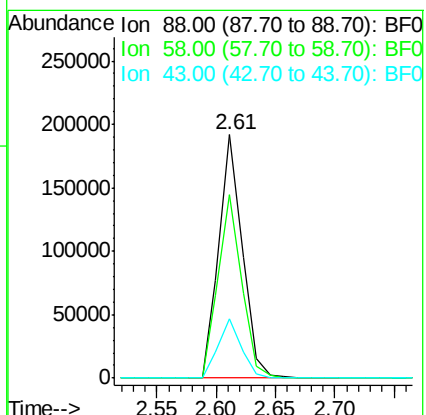
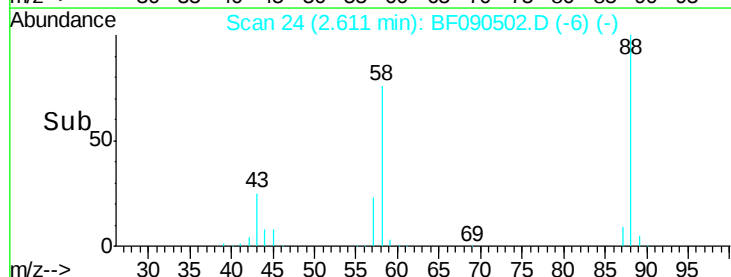
43 24.1 29.8 44.6#

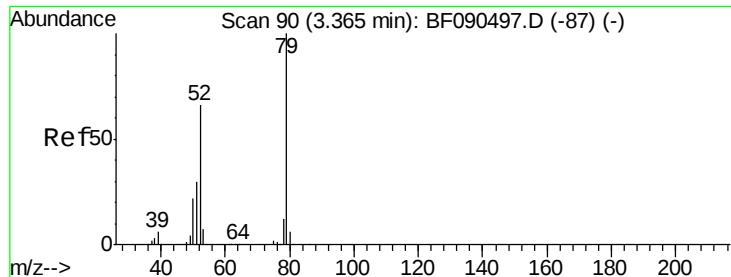


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 40.34 ng

RT: 3.37 min Scan# 90

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

Instrument :

BNA_F

ClientSampleId :

ICVBF101116

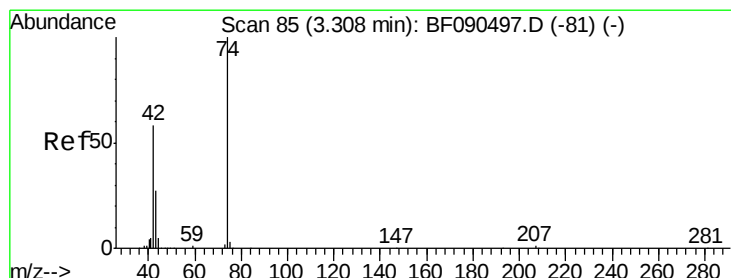
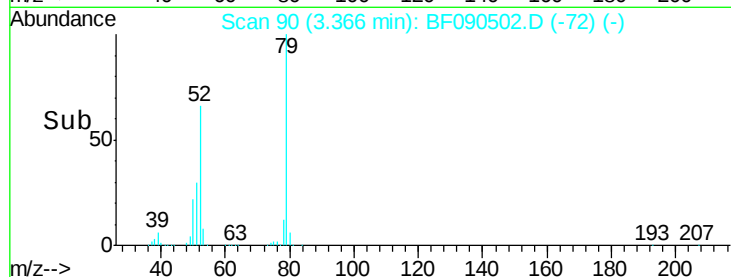
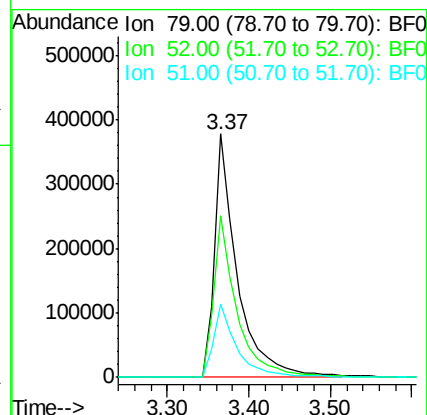
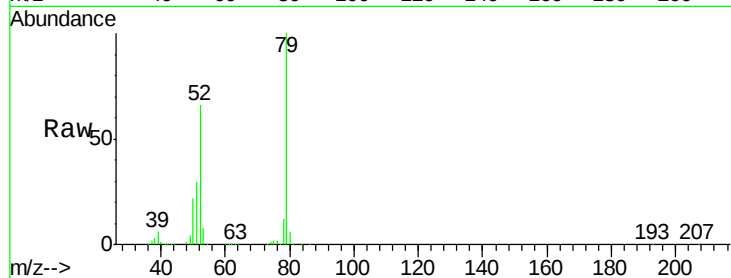
Tot Ion: 79 Resp: 738889

Ion Ratio Lower Upper

79 100

52 66.3 71.3 106.9#

51 30.2 34.5 51.7#



#4

n-Nitrosodimethylamine

Concen: 40.32 ng

RT: 3.32 min Scan# 86

Delta R.T. 0.01 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

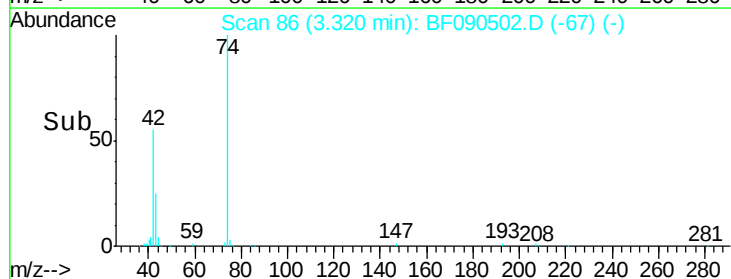
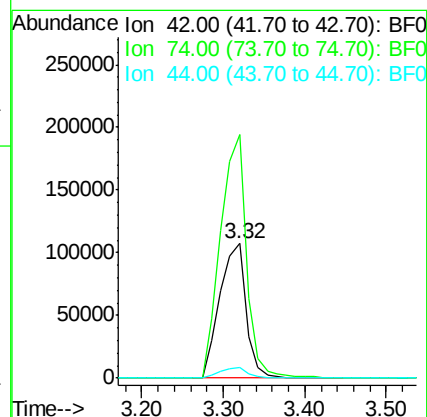
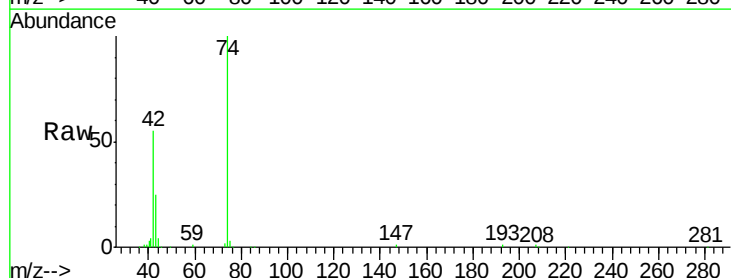
Tgt Ion: 42 Resp: 242055

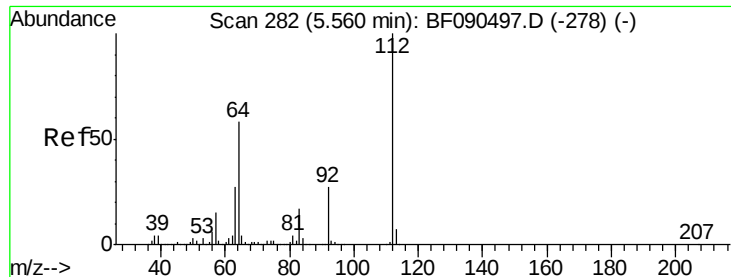
Ion Ratio Lower Upper

42 100

74 181.2 88.9 133.3#

44 8.0 6.5 9.7





#5

2-Fluorophenol

Concen: 83.67 ng

RT: 5.56 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

Instrument :

BNA_F

ClientSampleId :

ICVBF101116

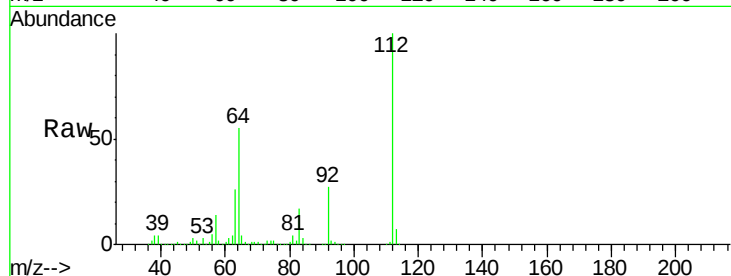
Tot Ion:112 Resp: 1130448

Ion Ratio Lower Upper

112 100

64 54.9 57.9 86.9#

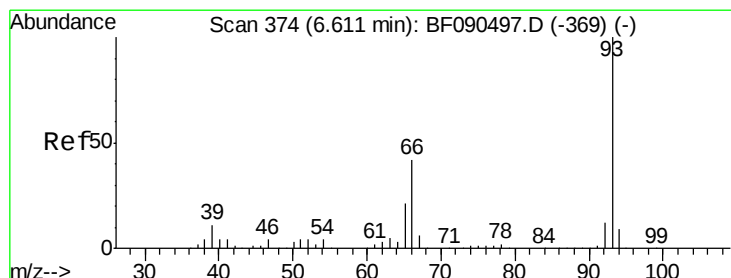
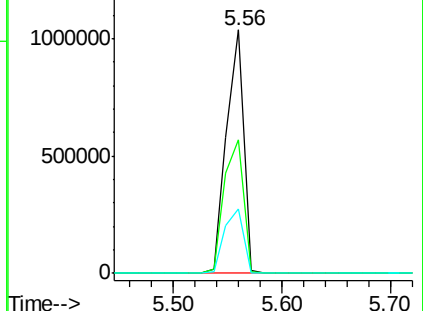
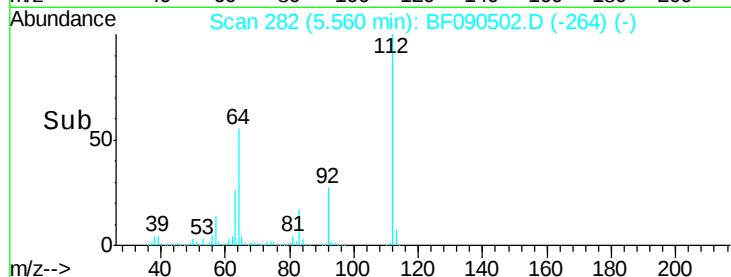
63 26.4 29.6 44.4#



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: 39.71 ng

RT: 6.61 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

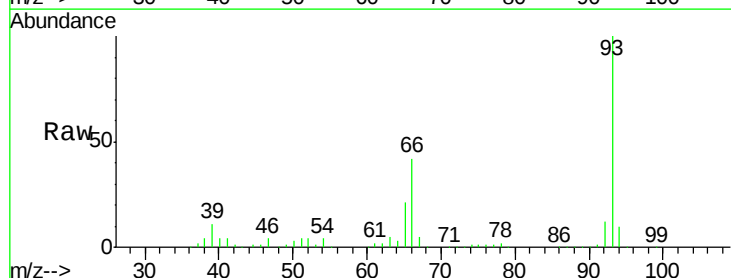
Tgt Ion: 93 Resp: 858765

Ion Ratio Lower Upper

93 100

66 41.8 34.5 51.7

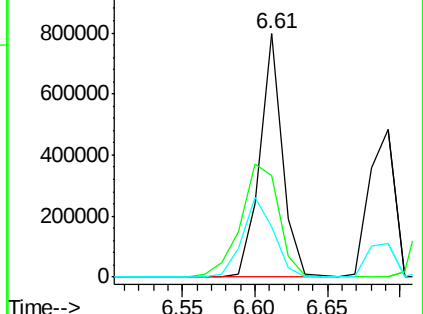
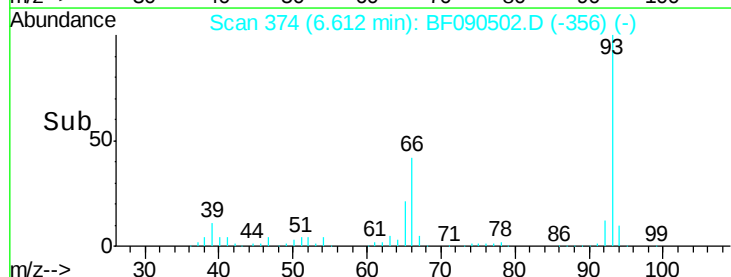
65 20.8 18.2 27.2

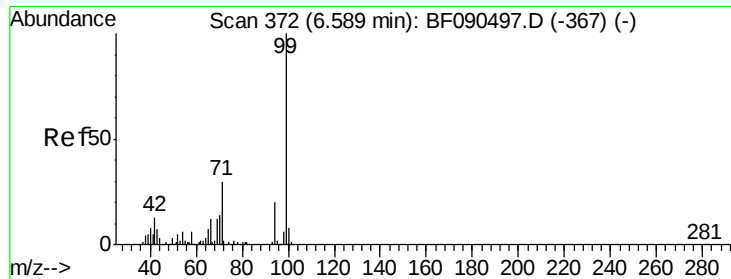


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.22 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

Instrument :

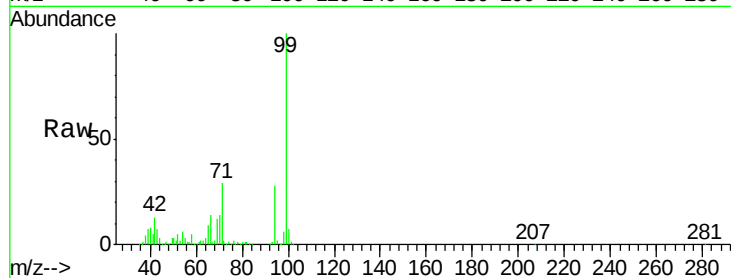
BNA_F

ClientSampleId :

ICVBF101116

Tot Ion: 99 Resp: 1418845

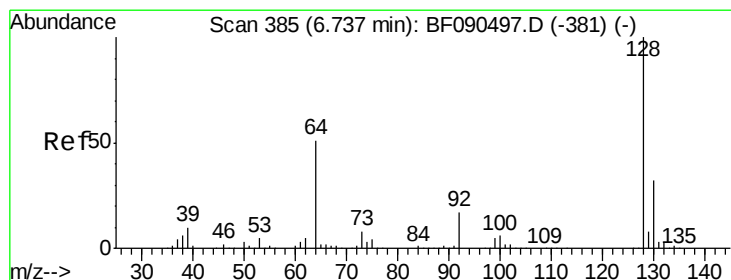
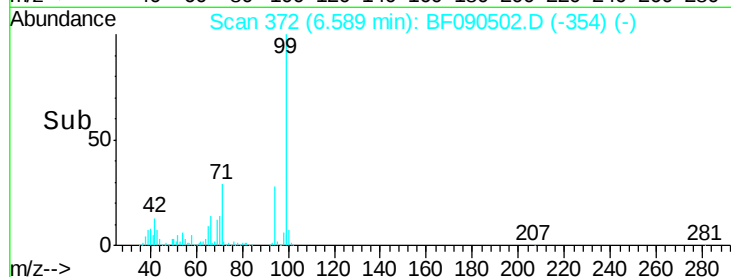
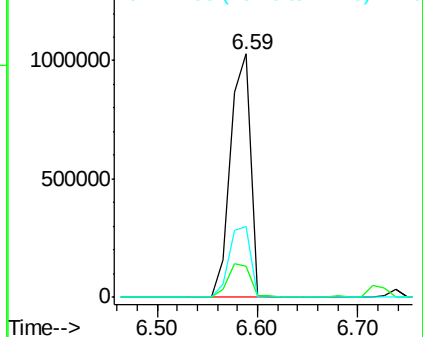
Ion	Ratio	Lower	Upper
99	100		
42	12.9	20.0	30.0#
71	29.0	27.9	41.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.90 ng

RT: 6.74 min Scan# 385

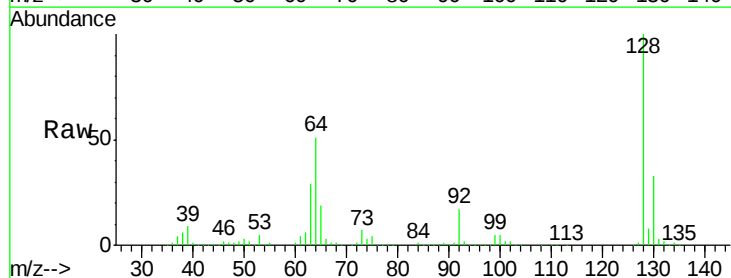
Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

Tgt Ion: 128 Resp: 587825

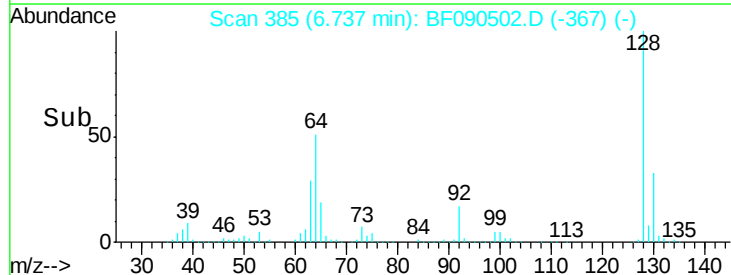
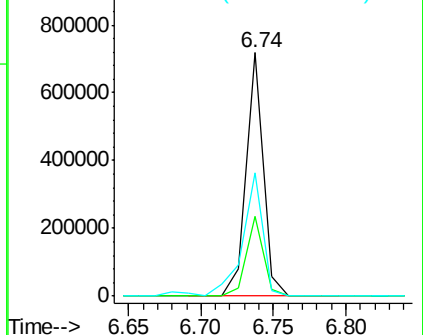
Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.3	53.3
64	50.9	36.0	76.0

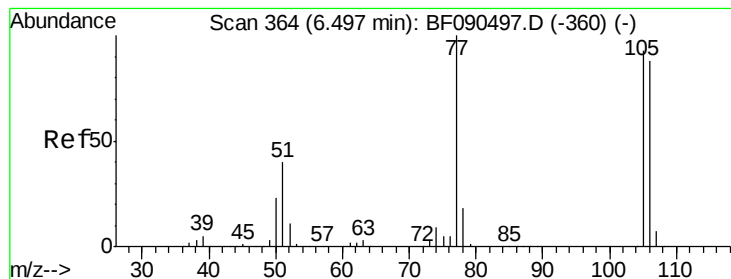


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.77 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

Instrument :

BNA_F

ClientSampleId :

ICVBF101116

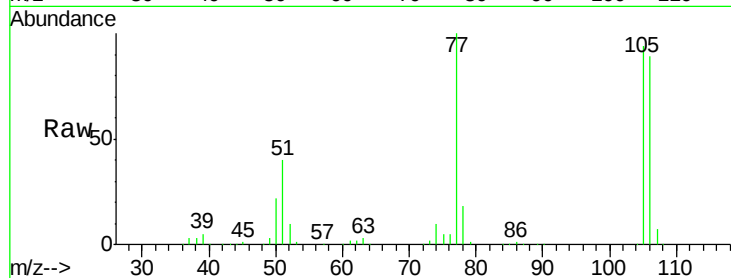
Tot Ion: 77 Resp: 437859

Ion Ratio Lower Upper

77 100

105 93.8 73.1 113.1

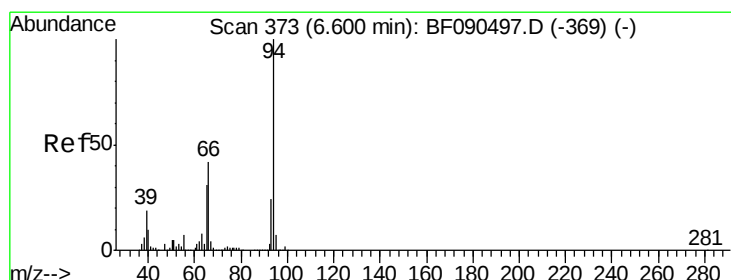
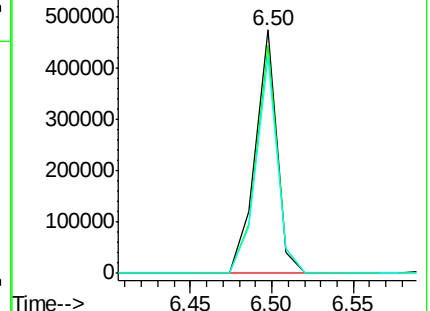
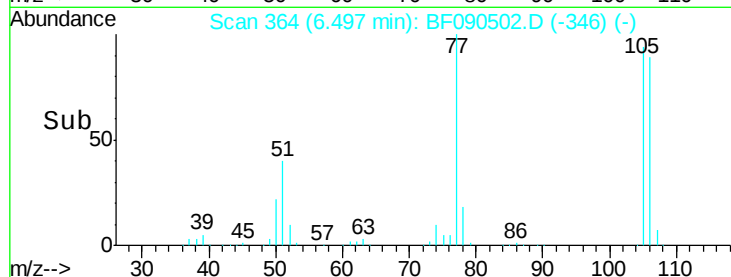
106 89.2 70.2 110.2



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: 44.90 ng

RT: 6.60 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

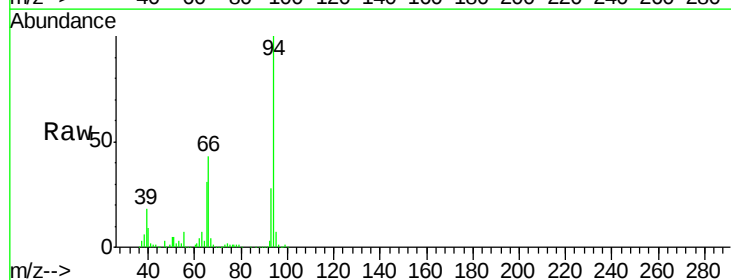
Tgt Ion: 94 Resp: 863396

Ion Ratio Lower Upper

94 100

65 30.5 13.3 53.3

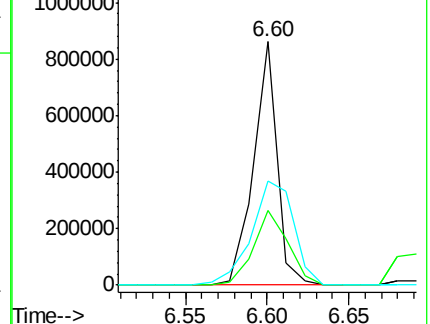
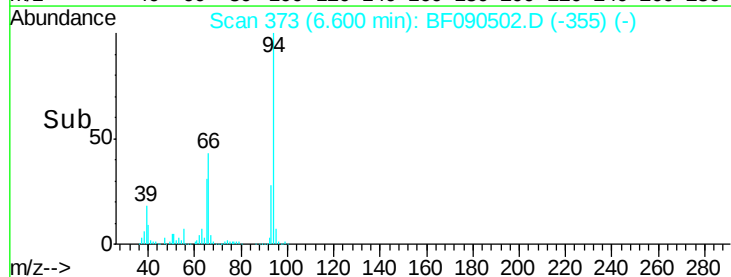
66 42.8 20.4 60.4

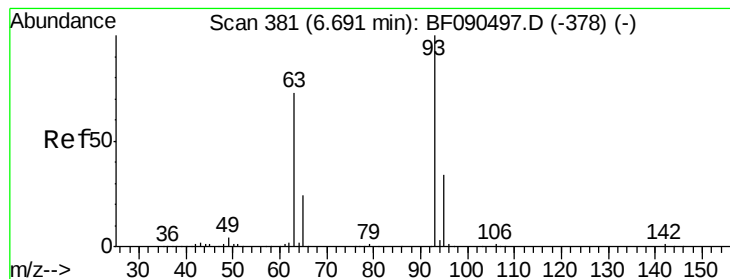


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.34 ng

RT: 6.69 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

Instrument :

BNA_F

ClientSampleId :

ICVBF101116

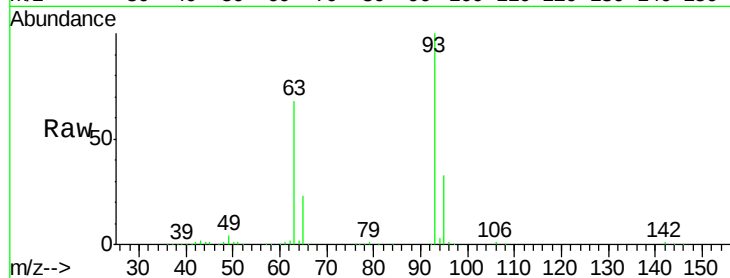
Tot Ion: 93 Resp: 580639

Ion Ratio Lower Upper

93 100

63 68.4 59.7 99.7

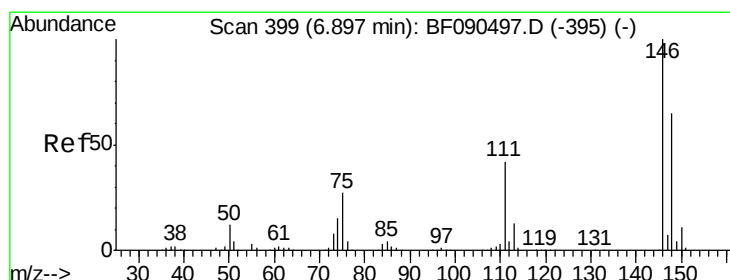
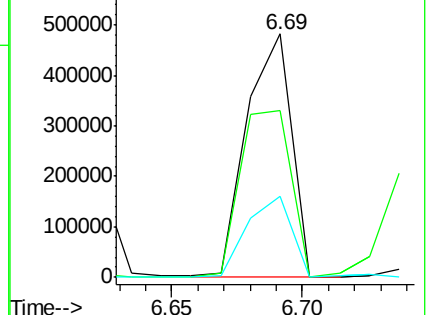
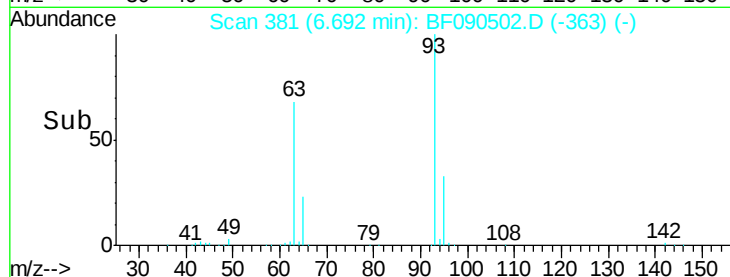
95 33.3 14.0 54.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.94 ng

RT: 6.90 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

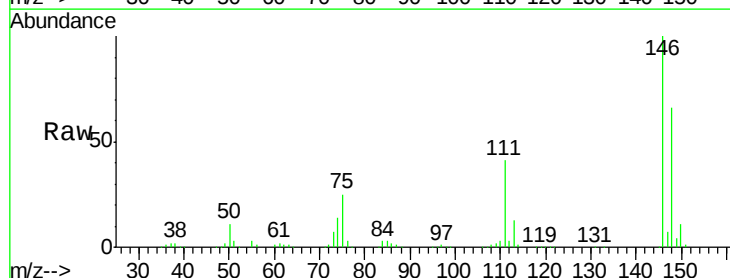
Tgt Ion: 146 Resp: 634852

Ion Ratio Lower Upper

146 100

148 65.6 52.2 78.4

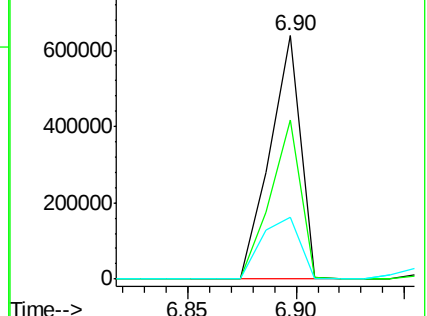
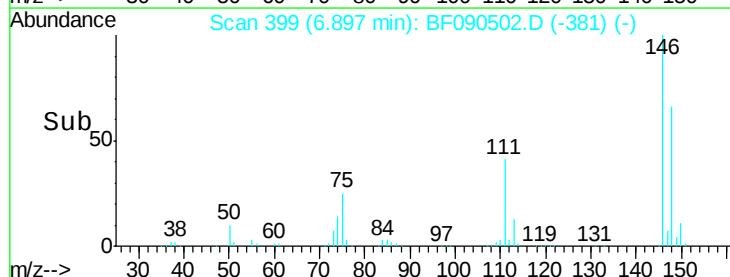
75 25.2 21.4 32.2

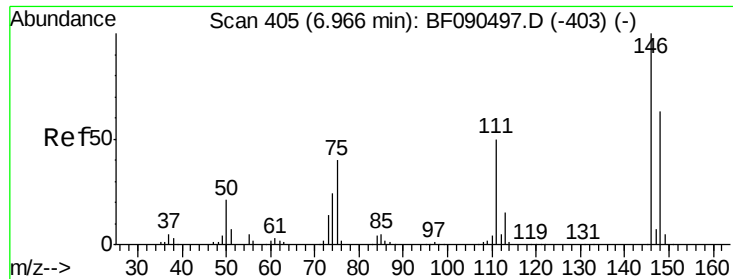


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

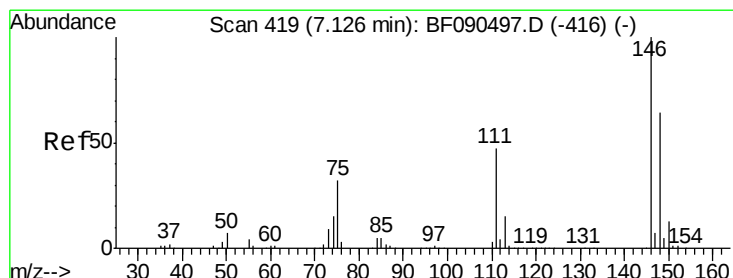
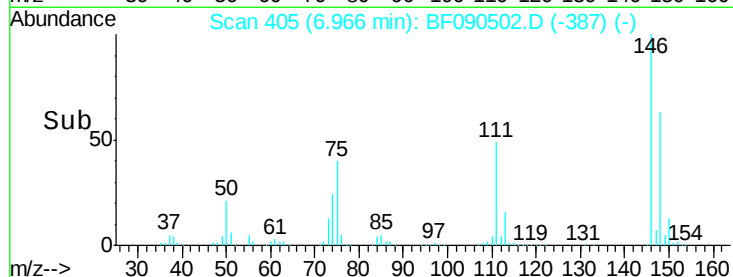
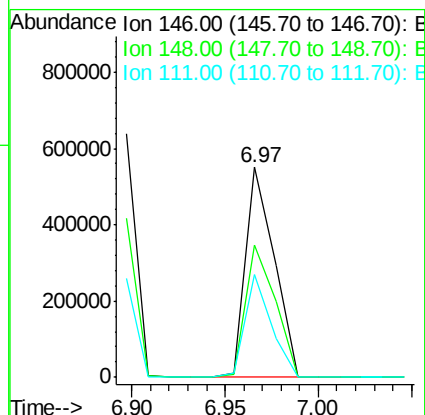
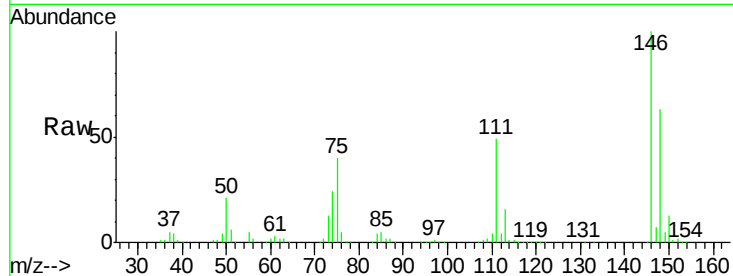




#13
 1,4-Dichlorobenzene
 Concen: 37.12 ng
 RT: 6.97 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

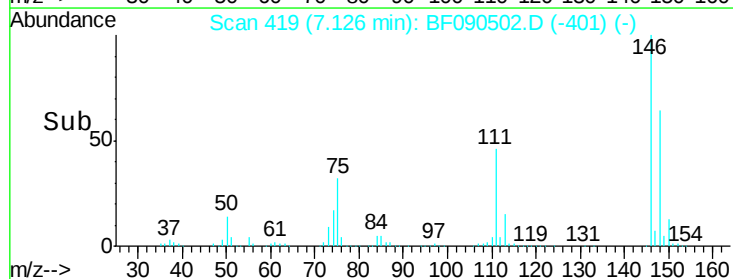
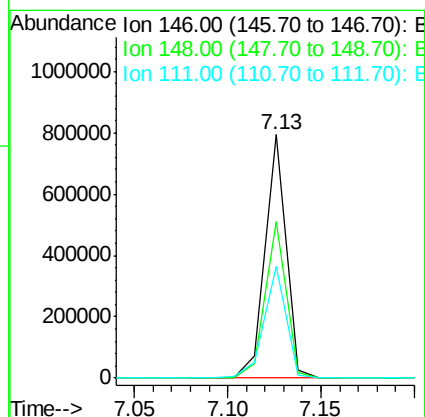
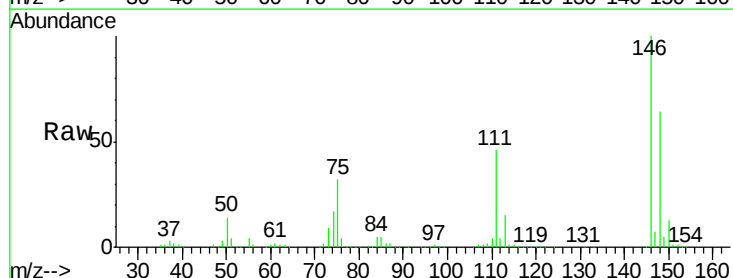
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101116

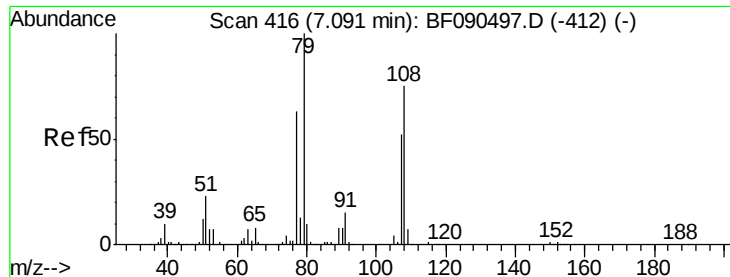
Tot Ion:146 Resp: 587243
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.1 76.7
 111 49.1 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 42.79 ng
 RT: 7.13 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

Tgt Ion:146 Resp: 615142
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.3 78.5
 111 45.8 38.2 57.4





#15

Benzyl Alcohol

Concen: 38.73 ng

RT: 7.09 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

Instrument :

BNA_F

ClientSampleId :

ICVBF101116

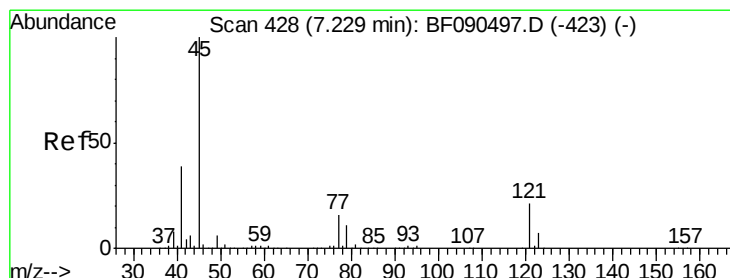
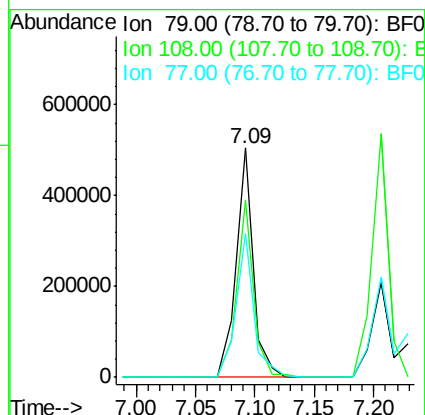
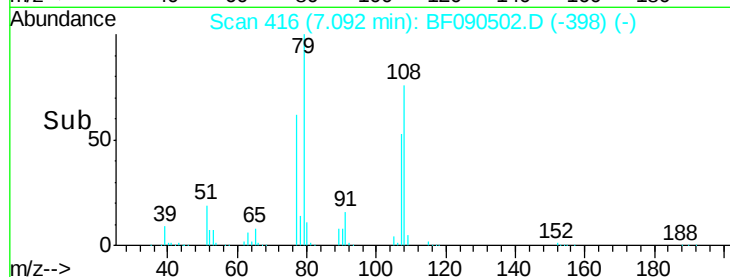
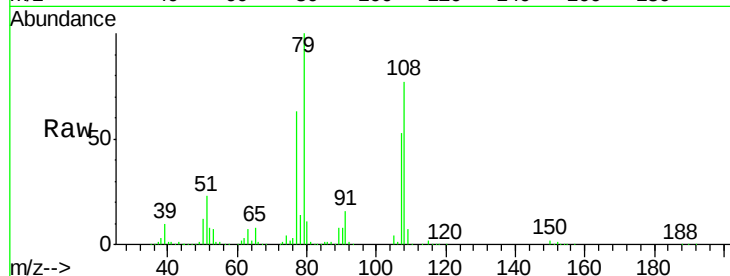
Tot Ion: 79 Resp: 506975

Ion Ratio Lower Upper

79 100

108 77.0 60.9 91.3

77 62.5 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.15 ng

RT: 7.23 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

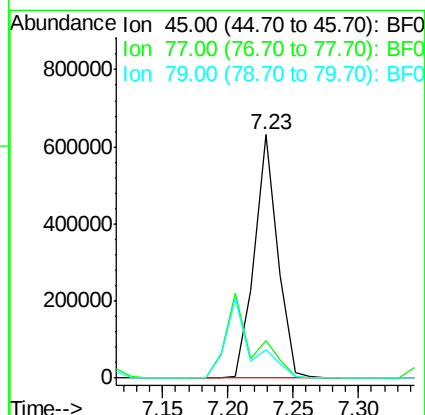
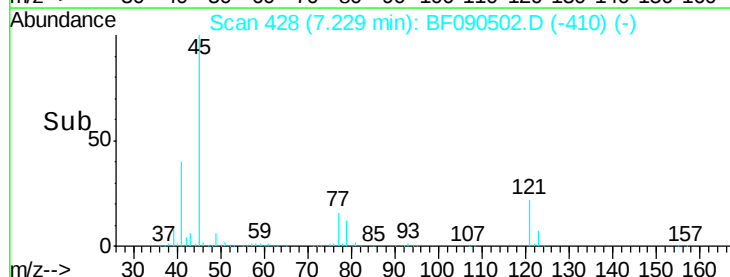
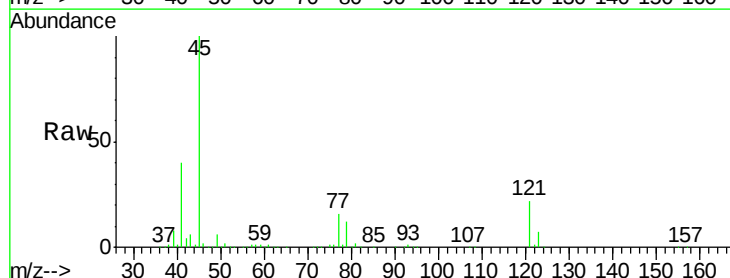
Tgt Ion: 45 Resp: 787061

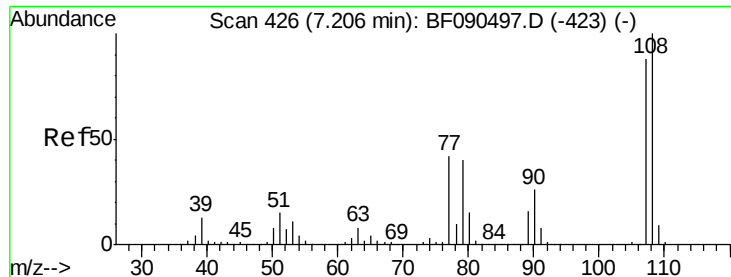
Ion Ratio Lower Upper

45 100

77 15.5 0.0 30.8

79 11.8 0.0 28.2

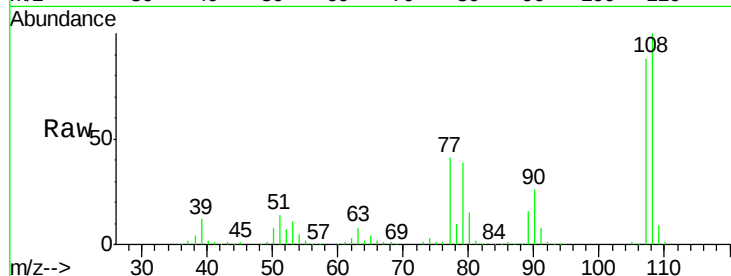




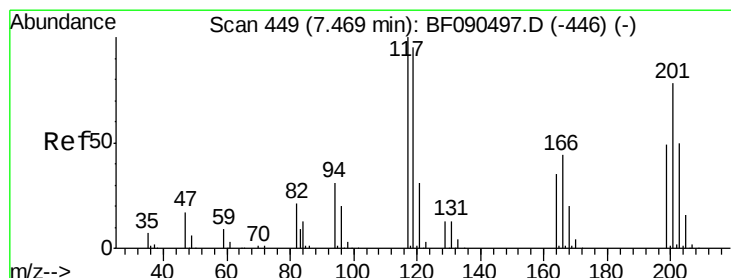
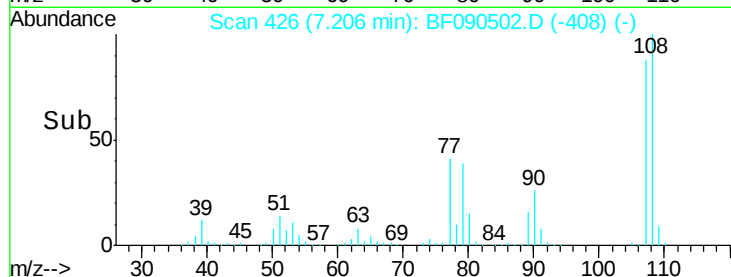
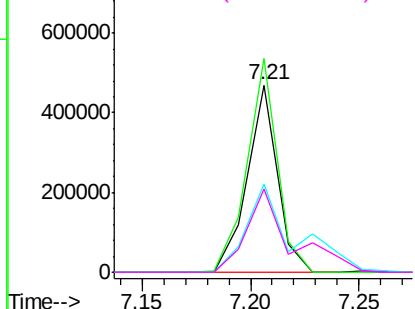
#17
2-Methylphenol
Concen: 38.84 ng
RT: 7.21 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF090502.D
Acq: 11 Oct 2016 15:23

Instrument :
BNA_F
ClientSampleId :
ICVBF101116

Tot Ion:	107	Resp:	453971
Ion	Ratio	Lower	Upper
107	100		
108	114.1	90.9	136.3
77	46.9	38.2	57.4
79	44.4	37.0	55.4

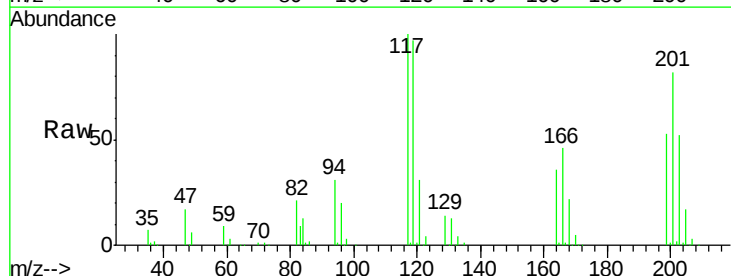


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

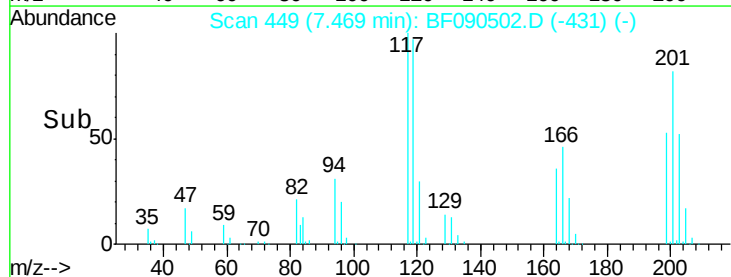
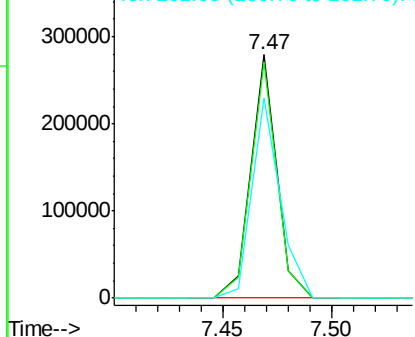


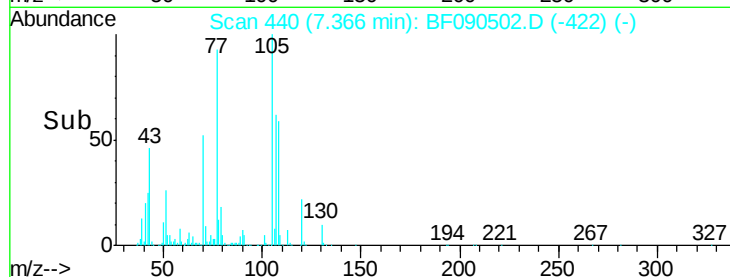
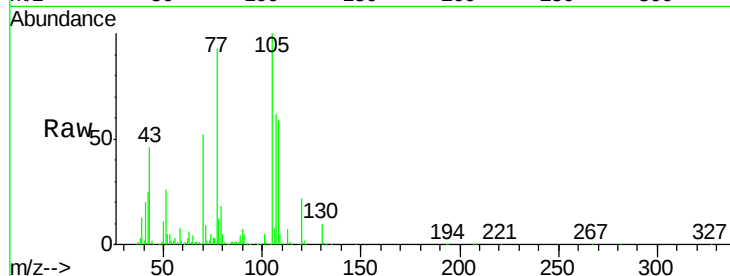
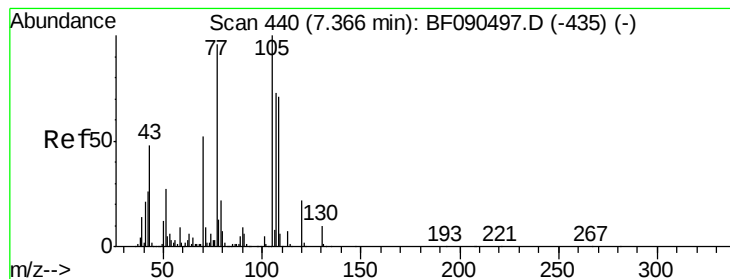
#18
Hexachloroethane
Concen: 39.55 ng
RT: 7.47 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF090502.D
Acq: 11 Oct 2016 15:23

Tgt Ion:	117	Resp:	230928
Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.9	113.9
201	82.4	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: 37.21 ng

RT: 7.37 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

Instrument :

BNA_F

ClientSampleId :

ICVBF101116

Tot Ion: 70 Resp: 404653

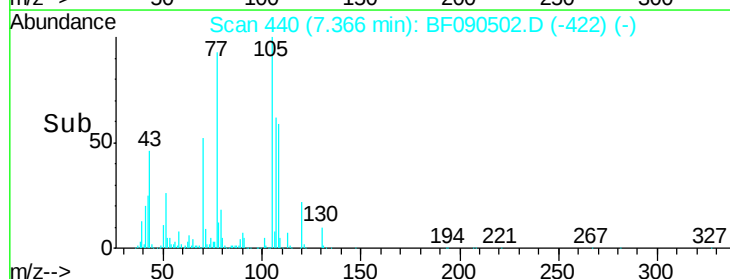
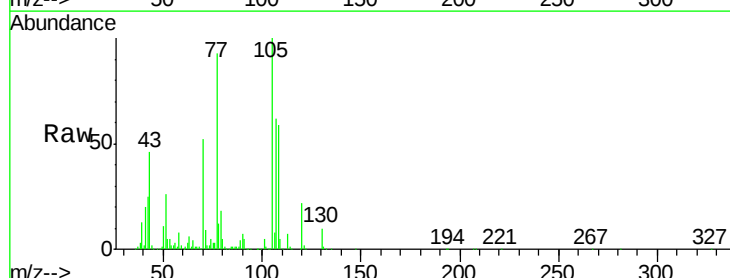
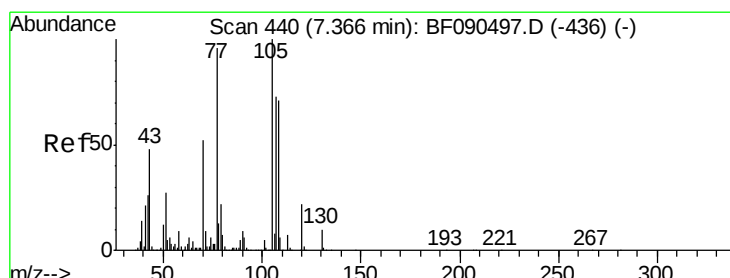
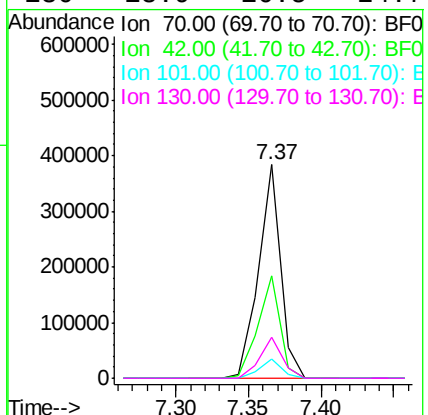
Ion Ratio Lower Upper

70 100

42 47.8 55.4 83.2#

101 8.9 7.6 11.4

130 18.9 16.5 24.7



#20

3+4-Methylphenols

Concen: 40.61 ng

RT: 7.37 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

Tgt Ion: 107 Resp: 601017

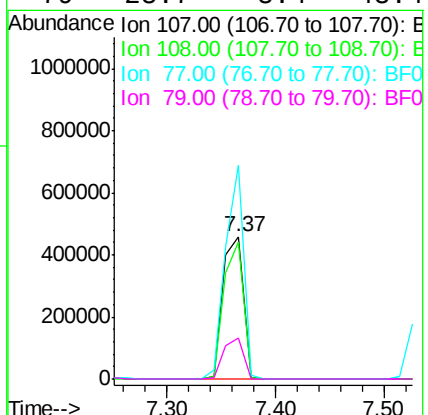
Ion Ratio Lower Upper

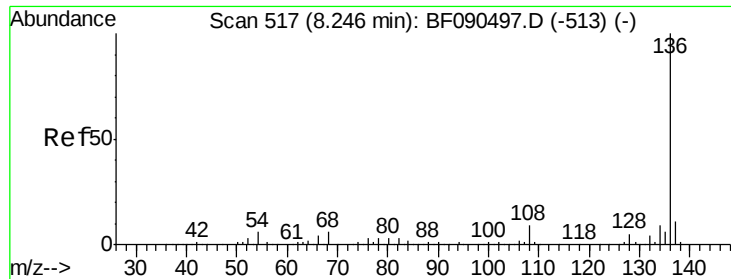
107 100

108 95.7 66.7 106.7

77 149.8 53.7 93.7#

79 28.7 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

Instrument :

BNA_F

ClientSampleId :

ICVBF101116

Tot Ion:136 Resp: 854148

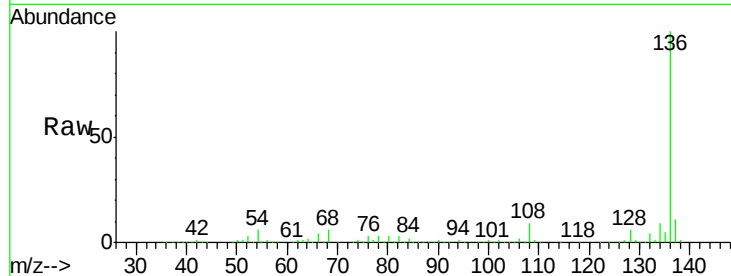
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 5.9 6.6 10.0#

68 5.7 5.0 7.6

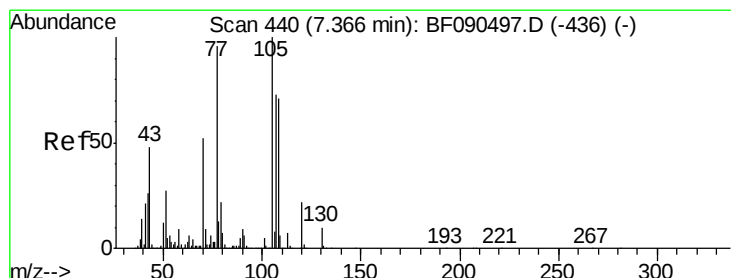
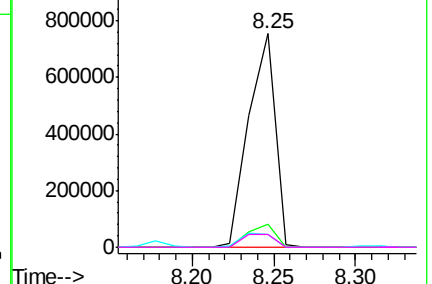
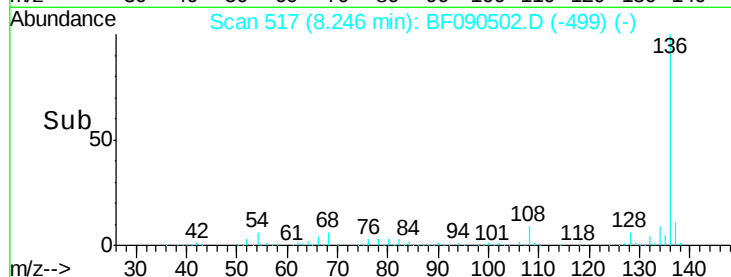


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.25 ng

RT: 7.37 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

Tgt Ion:105 Resp: 775660

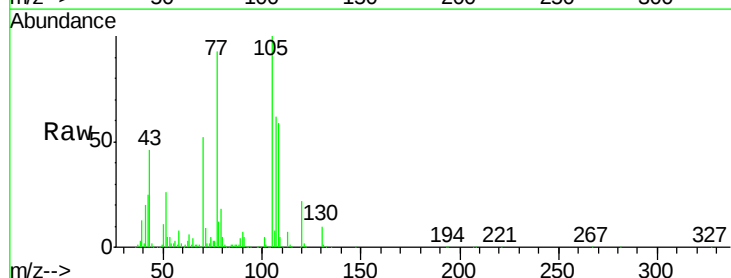
Ion Ratio Lower Upper

105 100

71 8.8 3.8 5.6#

51 26.1 28.2 42.4#

120 22.2 17.4 26.2

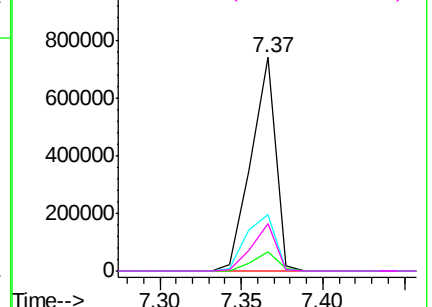
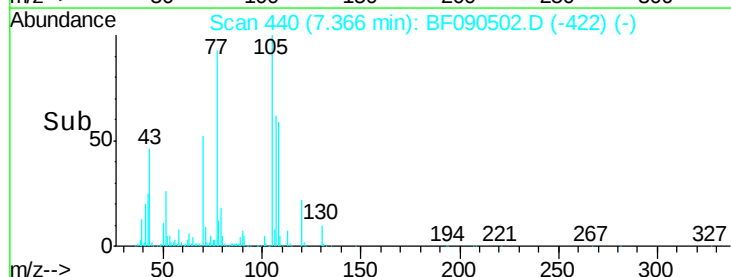


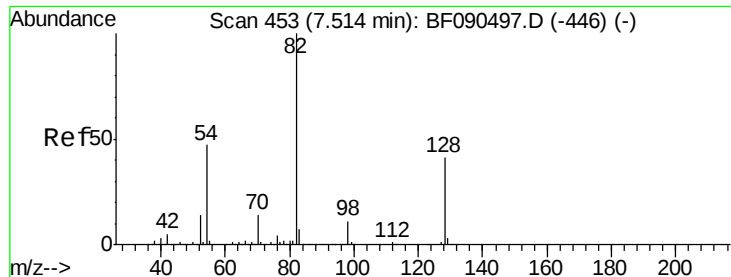
Abundance Ion 105.00 (104.70 to 105.70): E

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: 75.48 ng

RT: 7.51 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

Instrument :

BNA_F

ClientSampleId :

ICVBF101116

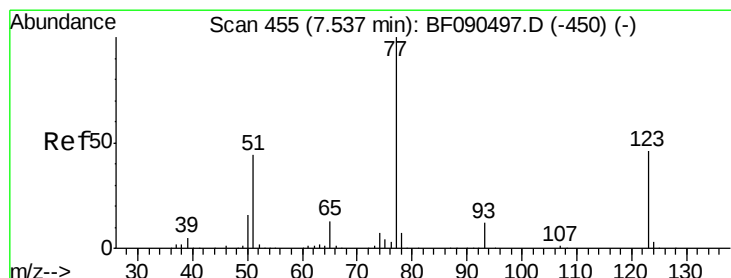
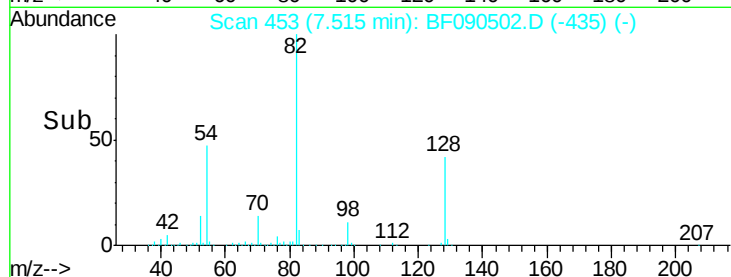
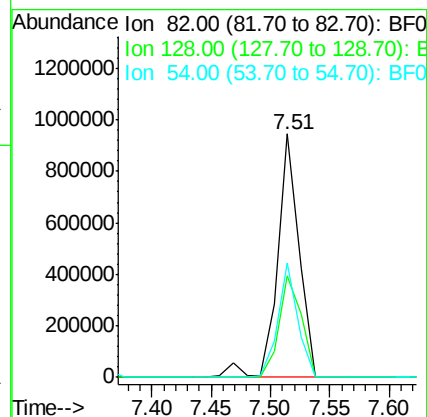
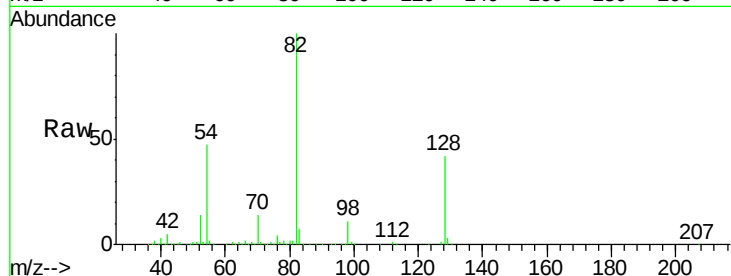
Tot Ion: 82 Resp: 1188718

Ion Ratio Lower Upper

82 100

128 41.9 40.0 60.0

54 46.8 42.6 64.0



#24

Nitrobenzene

Concen: 41.36 ng

RT: 7.54 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

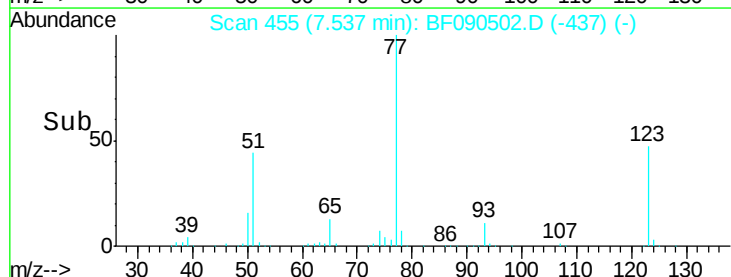
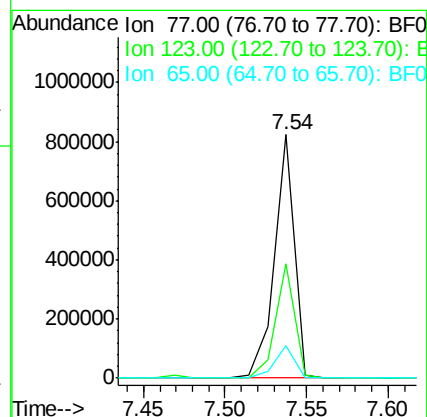
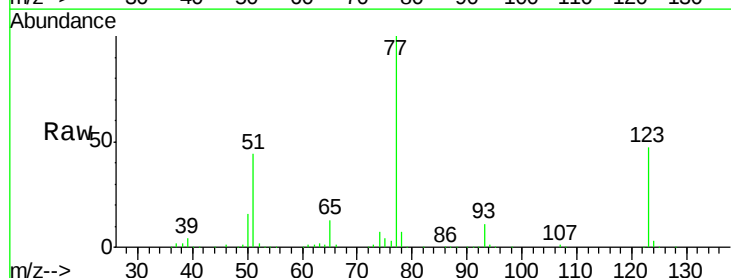
Tgt Ion: 77 Resp: 698620

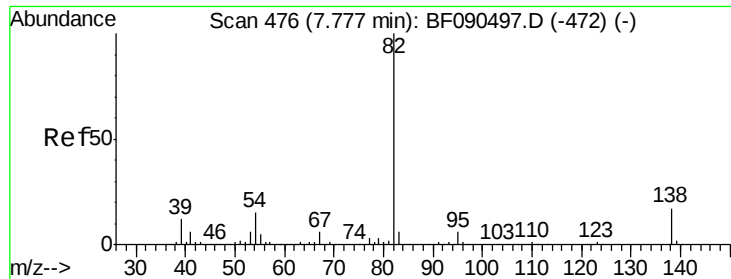
Ion Ratio Lower Upper

77 100

123 47.1 33.0 49.4

65 13.3 12.0 18.0





#25

Isophorone

Concen: 38.60 ng

RT: 7.78 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

Instrument :

BNA_F

ClientSampleId :

ICVBF101116

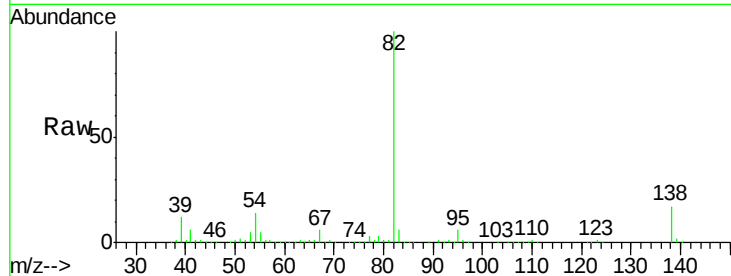
Tot Ion: 82 Resp: 1106337

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

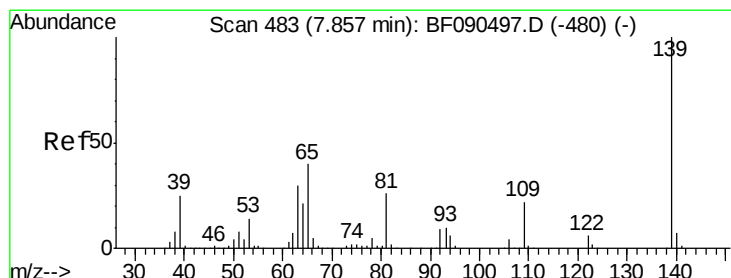
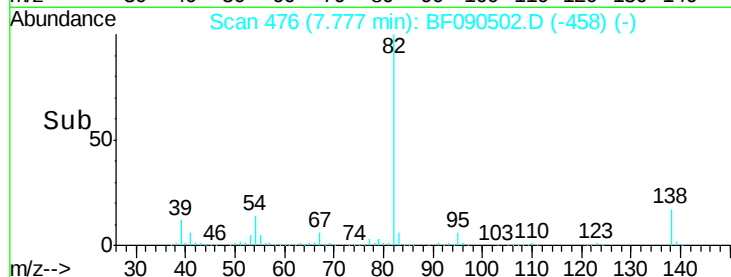
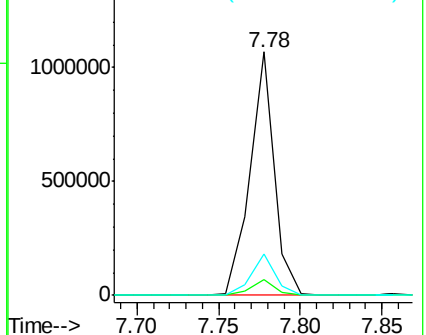
138 16.8 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.63 ng

RT: 7.86 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

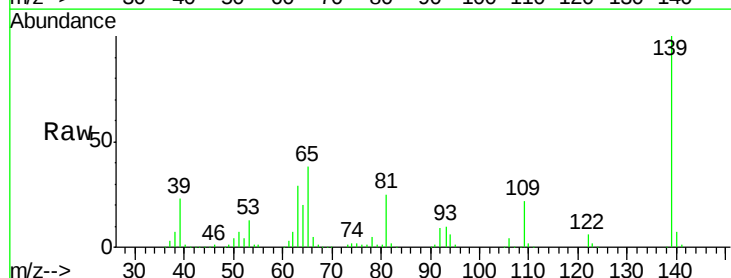
Tgt Ion: 139 Resp: 328555

Ion Ratio Lower Upper

139 100

109 21.7 18.9 28.3

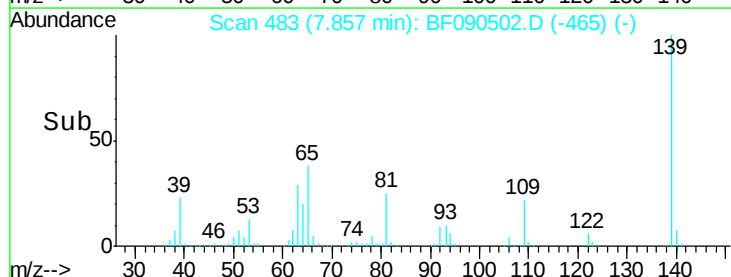
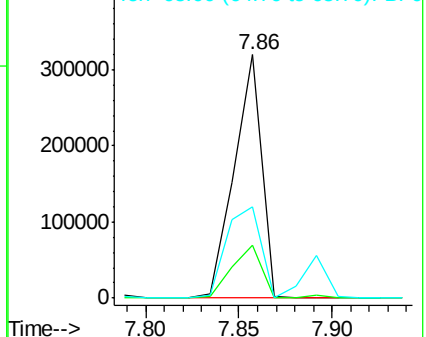
65 37.7 31.6 47.4

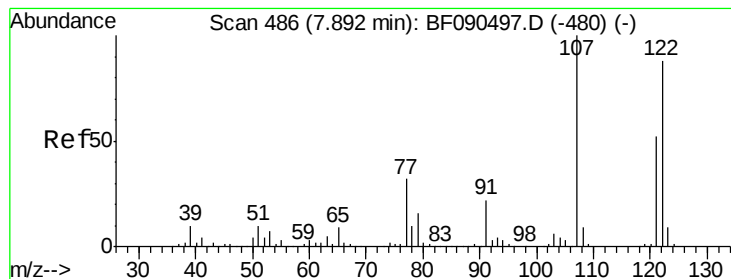


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

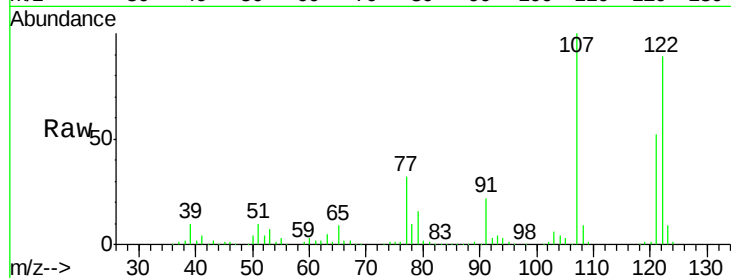




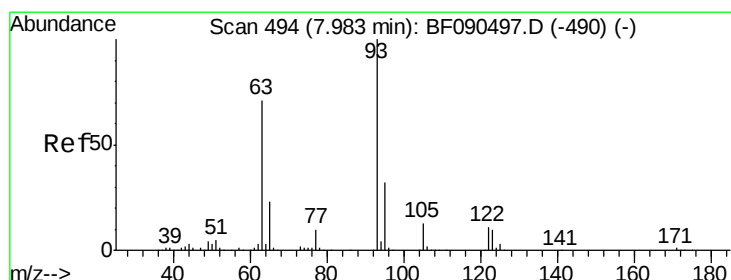
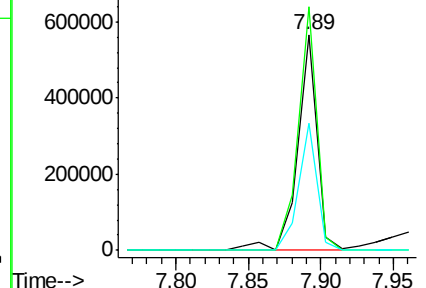
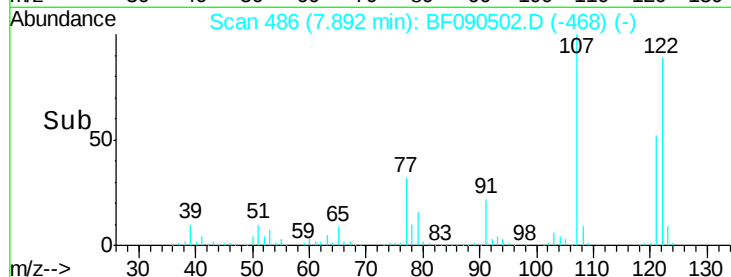
#27
 2,4-Dimethylphenol
 Concen: 39.95 ng
 RT: 7.89 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101116

Tot Ion:122 Resp: 523332
 Ion Ratio Lower Upper
 122 100
 107 112.7 88.6 132.8
 121 58.7 47.5 71.3

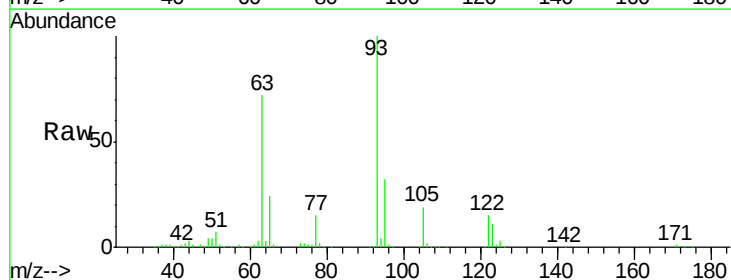


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

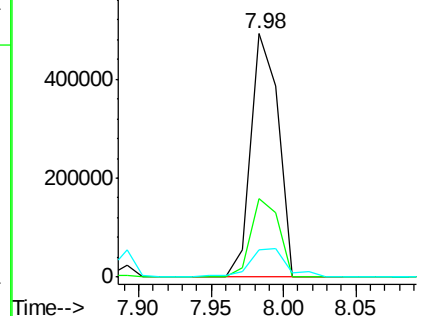
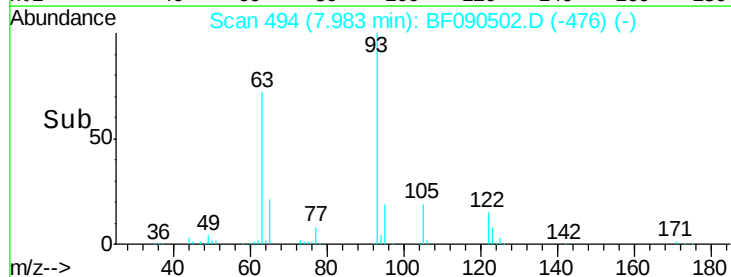


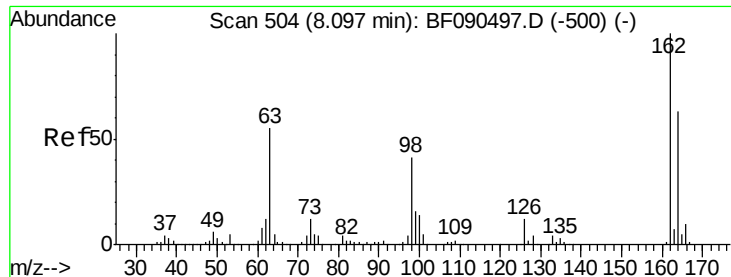
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.29 ng
 RT: 7.98 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

Tgt Ion: 93 Resp: 642346
 Ion Ratio Lower Upper
 93 100
 95 32.2 27.0 40.4
 123 11.0 11.1 16.7#



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

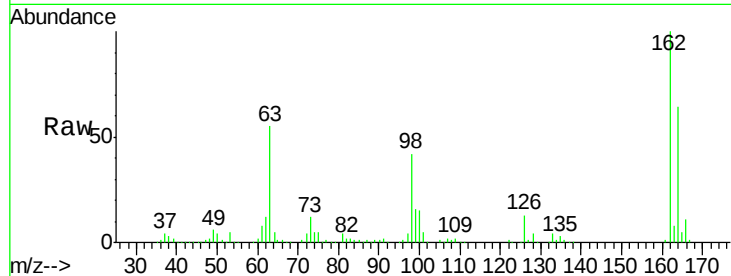




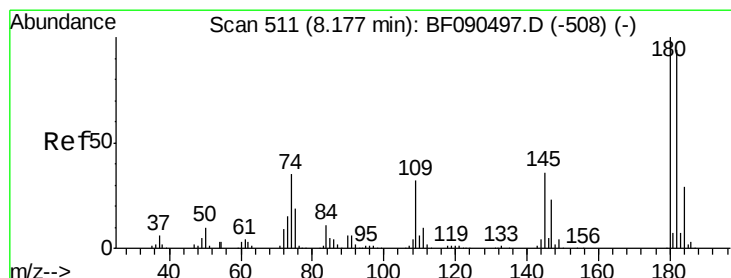
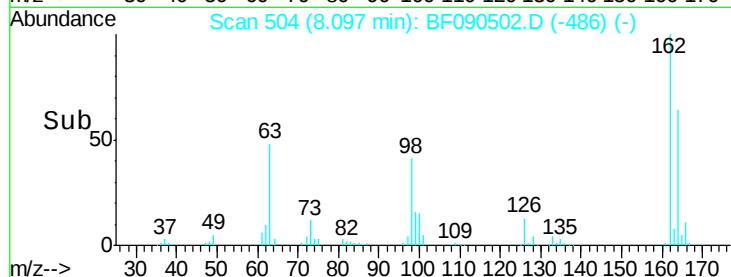
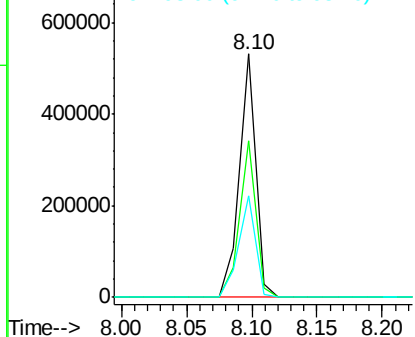
#29
 2,4-Dichlorophenol
 Concen: 41.99 ng
 RT: 8.10 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101116

Tot Ion:162 Resp: 460054
 Ion Ratio Lower Upper
 162 100
 164 64.1 45.7 85.7
 98 41.7 13.3 53.3

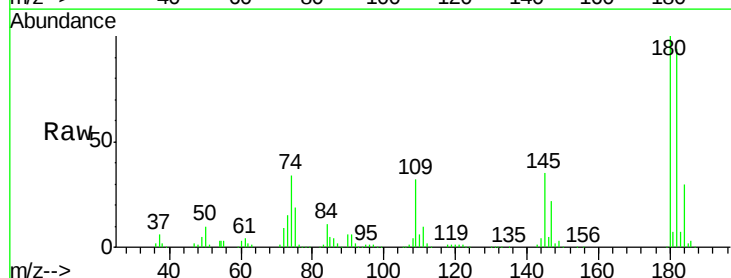


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

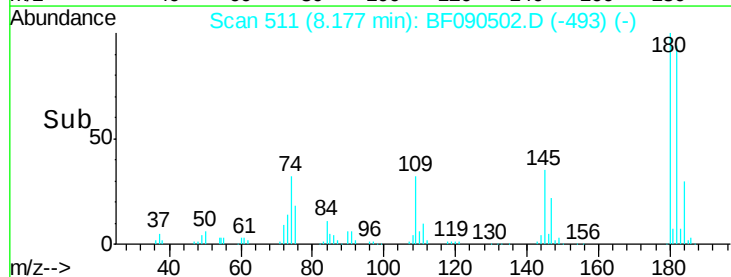
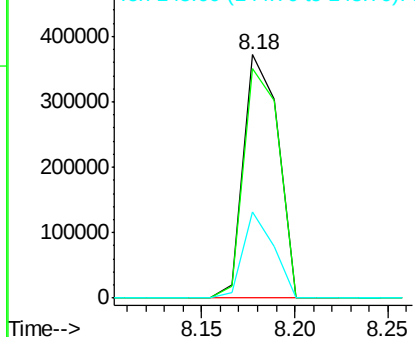


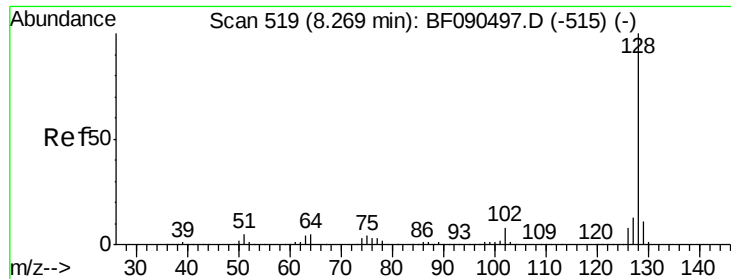
#30
 1,2,4-Trichlorobenzene
 Concen: 37.95 ng
 RT: 8.18 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

Tgt Ion:180 Resp: 477670
 Ion Ratio Lower Upper
 180 100
 182 94.2 75.3 112.9
 145 35.2 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

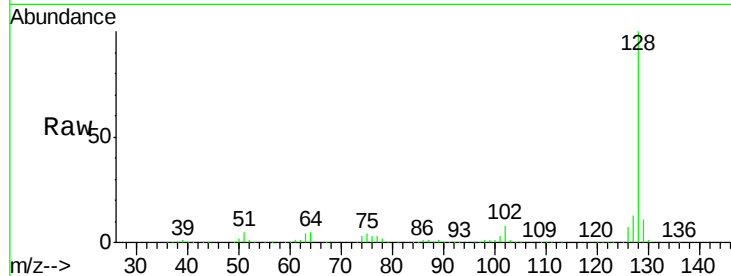




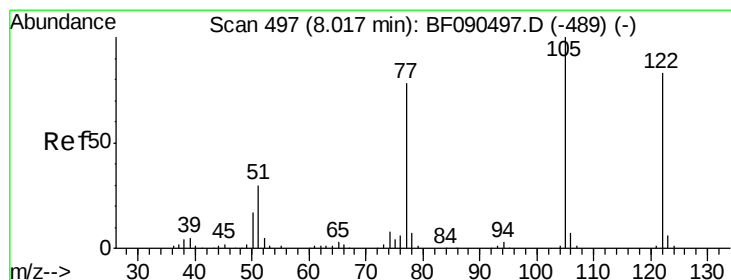
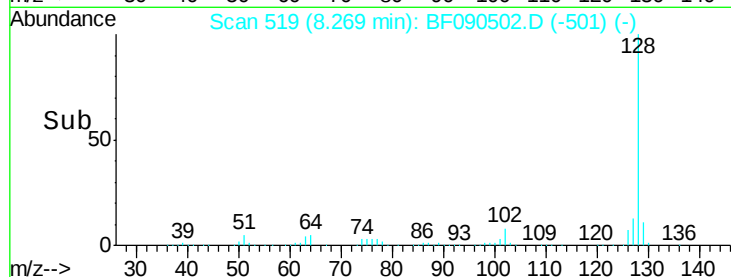
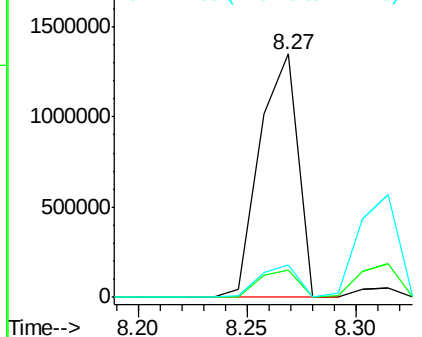
#31
Naphthalene
Concen: 38.99 ng
RT: 8.27 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF090502.D
Acq: 11 Oct 2016 15:23

Instrument :
BNA_F
ClientSampleId :
ICVBF101116

Tot Ion:128 Resp: 1659073
Ion Ratio Lower Upper
128 100
129 11.2 9.7 14.5
127 13.4 11.7 17.5

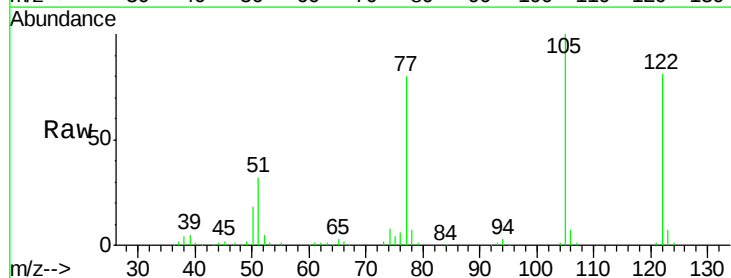


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

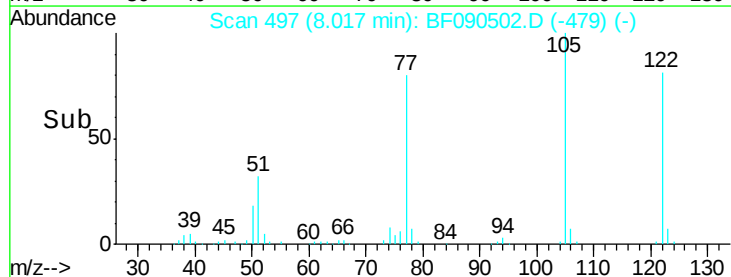
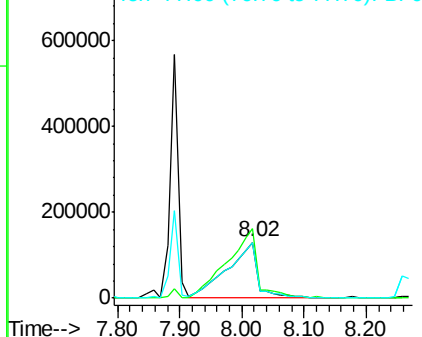


#32
Benzoic acid
Concen: 42.45 ng
RT: 8.02 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF090502.D
Acq: 11 Oct 2016 15:23

Tgt Ion:122 Resp: 438908
Ion Ratio Lower Upper
122 100
105 123.1 103.9 143.9
77 98.0 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

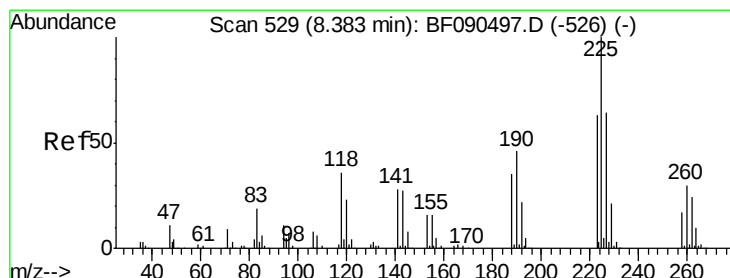
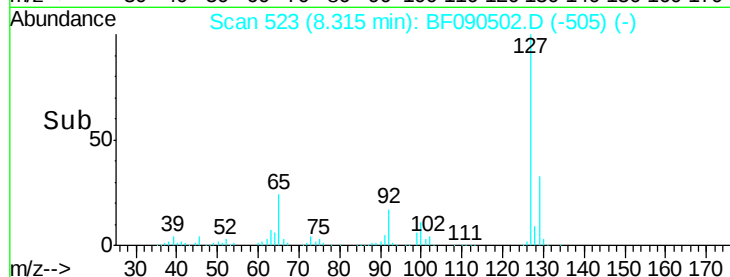
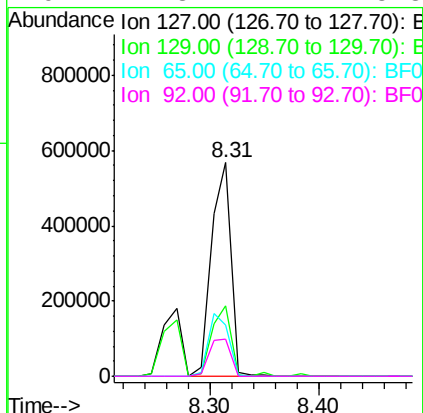
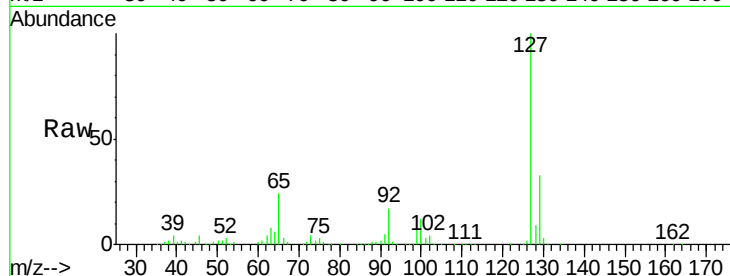




#33
4-Chloroaniline
Concen: 39.59 ng
RT: 8.31 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF090502.D
Acq: 11 Oct 2016 15:23

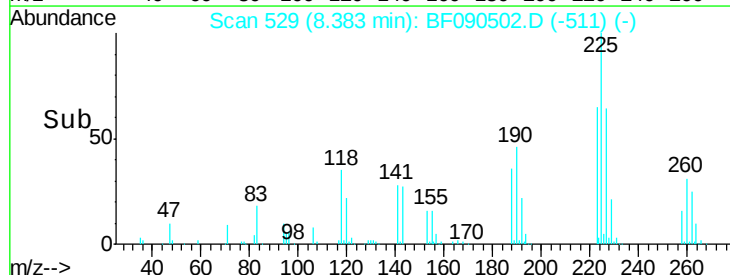
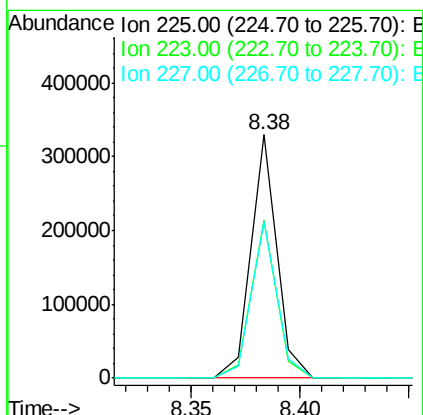
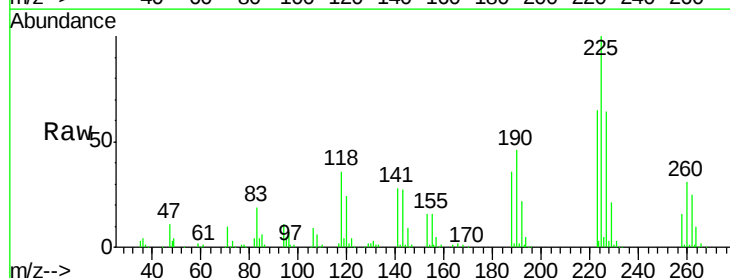
Instrument :
BNA_F
ClientSampleId :
ICVBF101116

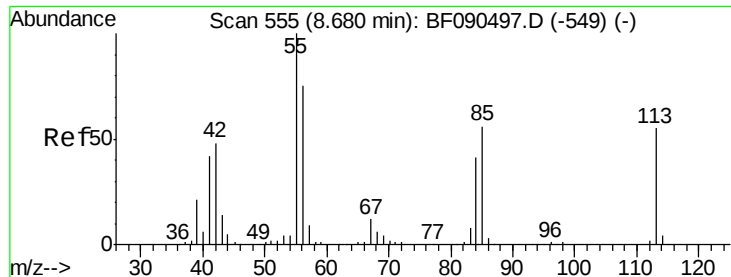
Tot Ion:	127	Resp:	713207
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.2	39.4
65	24.1	32.5	48.7#
92	17.3	17.2	25.8



#34
Hexachlorobutadiene
Concen: 38.66 ng
RT: 8.38 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF090502.D
Acq: 11 Oct 2016 15:23

Tgt Ion:	225	Resp:	272056
Ion	Ratio	Lower	Upper
225	100		
223	65.0	51.0	76.4
227	64.4	50.8	76.2





#35

Caprolactam

Concen: 39.49 ng

RT: 8.68 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

Instrument :

BNA_F

ClientSampleId :

ICVBF101116

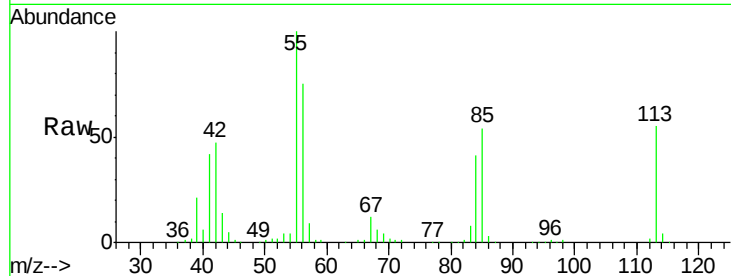
Tot Ion:113 Resp: 140285

Ion Ratio Lower Upper

113 100

55 182.9 203.3 243.3#

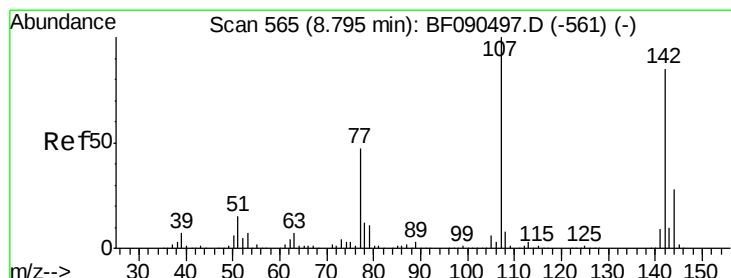
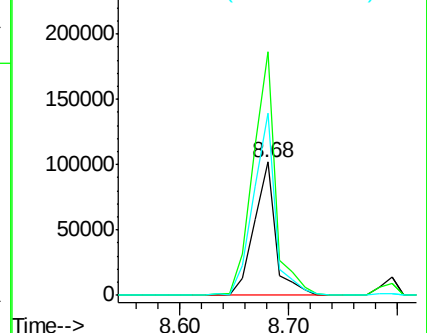
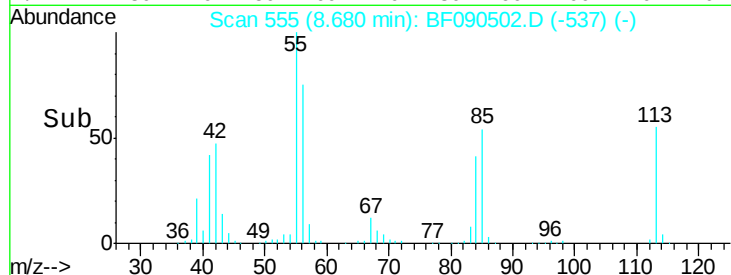
56 137.0 140.5 180.5#



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: 41.87 ng

RT: 8.79 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

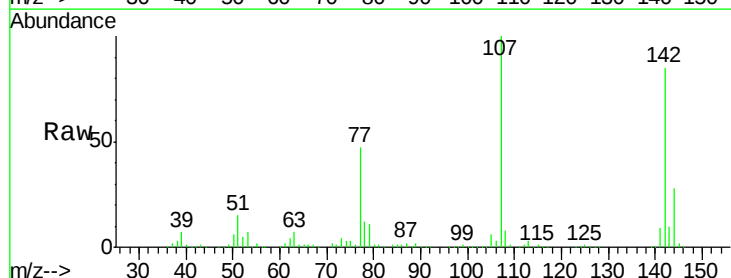
Tgt Ion:107 Resp: 535701

Ion Ratio Lower Upper

107 100

144 27.9 19.8 29.8

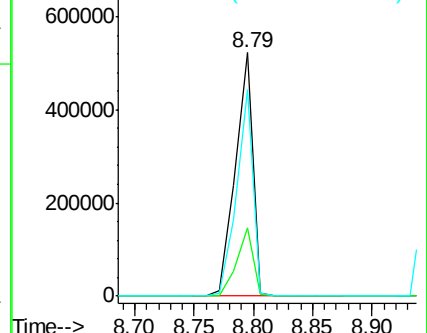
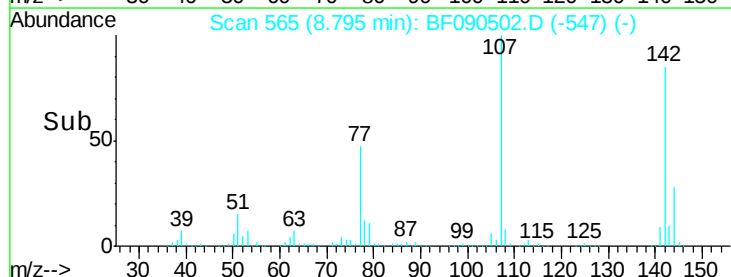
142 85.0 60.7 91.1

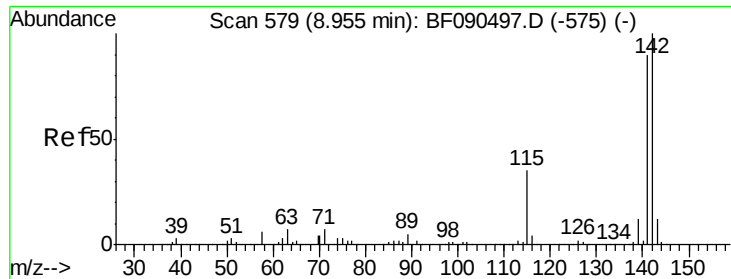


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

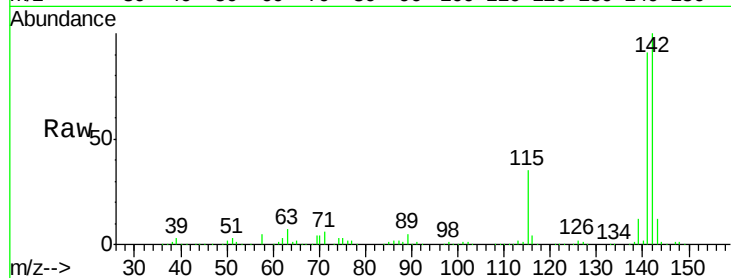




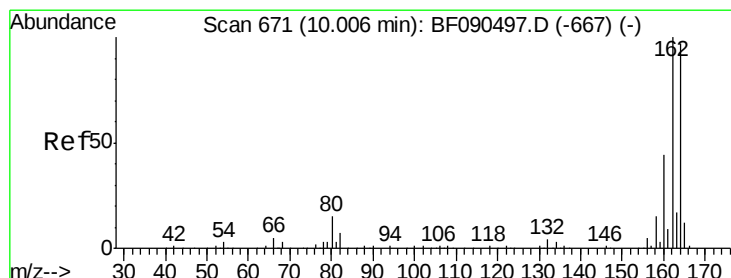
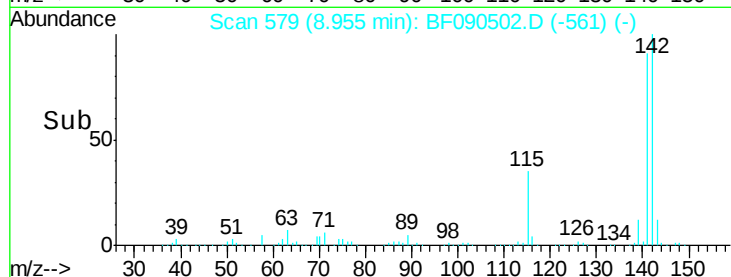
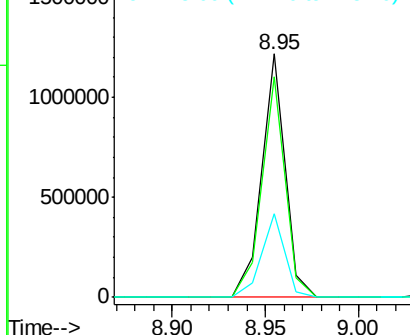
#37
 2-Methylnaphthalene
 Concen: 39.06 ng
 RT: 8.95 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101116

Tot Ion:142 Resp: 1046337
 Ion Ratio Lower Upper
 142 100
 141 90.5 71.8 107.8
 115 34.5 28.8 43.2

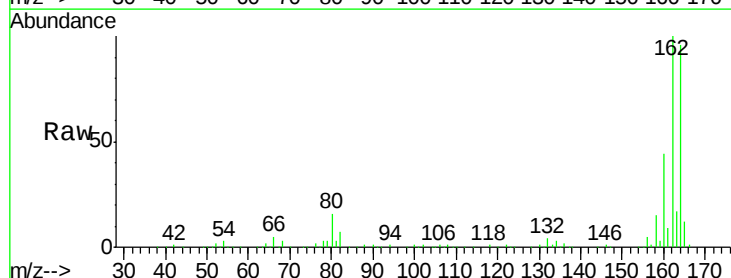


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

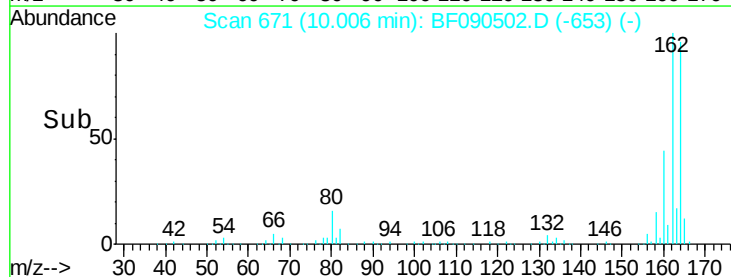
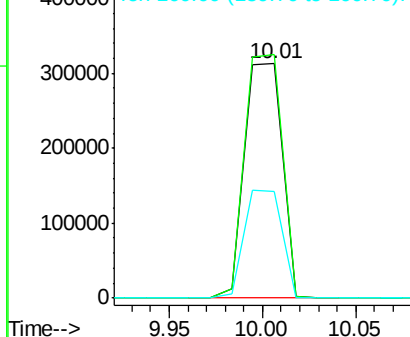


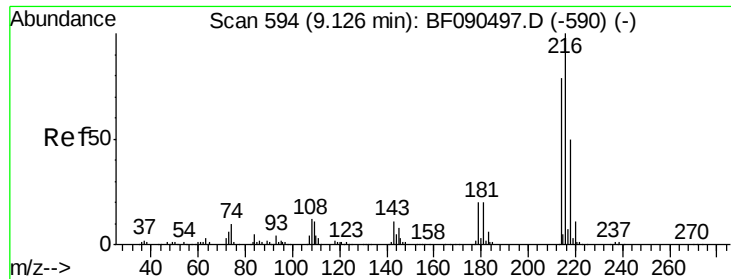
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

Tgt Ion:164 Resp: 437977
 Ion Ratio Lower Upper
 164 100
 162 104.0 80.1 120.1
 160 45.4 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

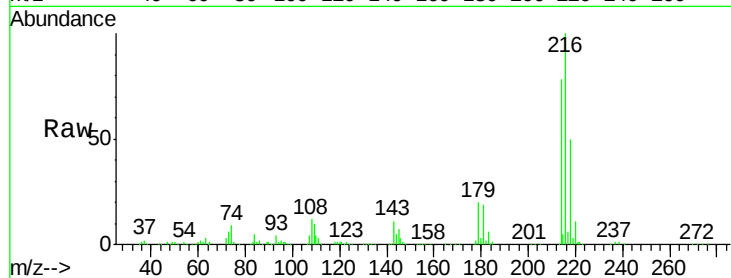




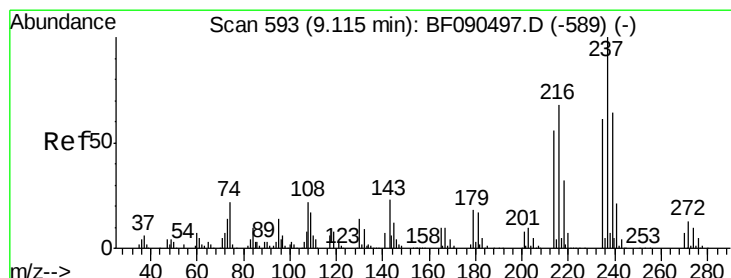
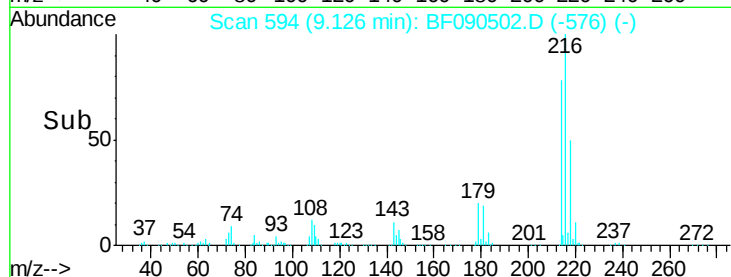
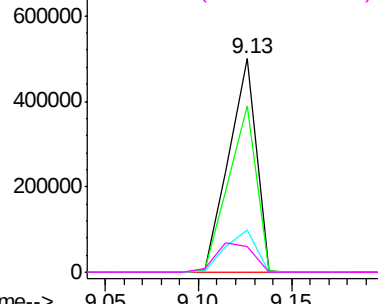
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.69 ng
 RT: 9.13 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101116

Tot Ion:216	Resp:	511160
Ion Ratio	Lower	Upper
216	100	
214	78.5	64.2 96.2
179	21.6	18.0 27.0
108	18.4	15.2 22.8

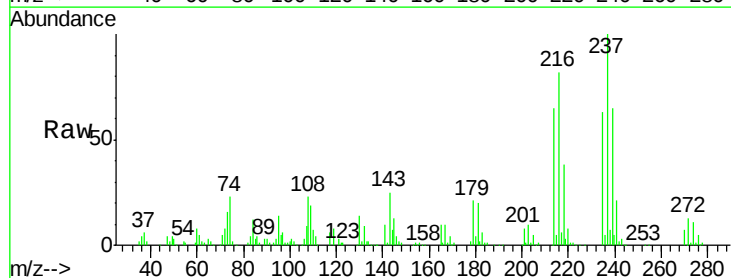


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

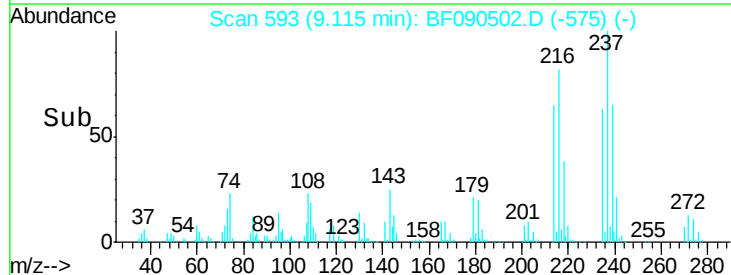
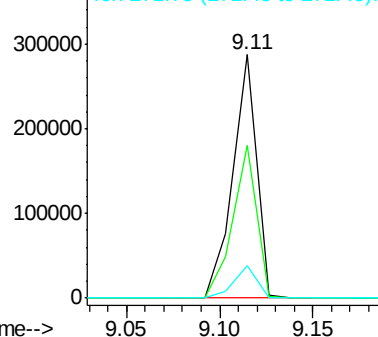


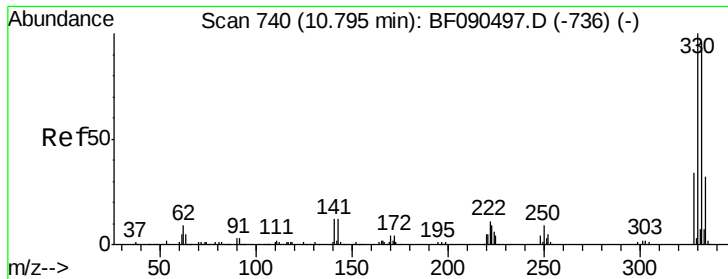
#40
 Hexachlorocyclopentadiene
 Concen: 41.59 ng
 RT: 9.11 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

Tgt Ion:237	Resp:	253105
Ion Ratio	Lower	Upper
237	100	
235	62.7	43.6 83.6
272	13.3	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

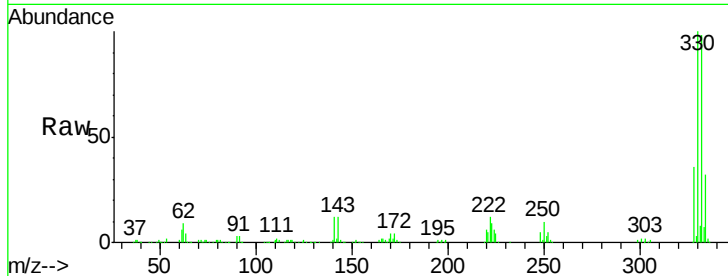




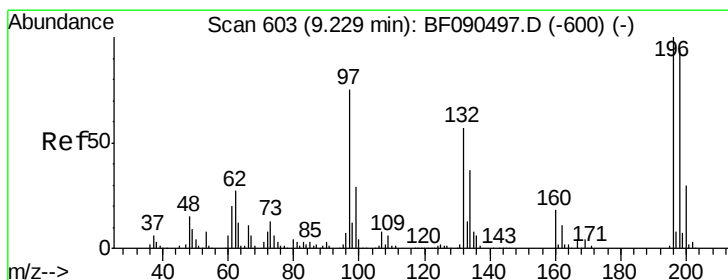
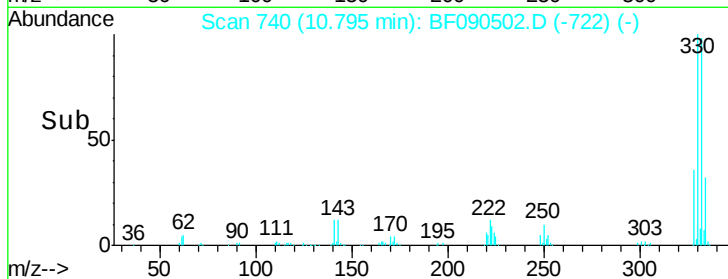
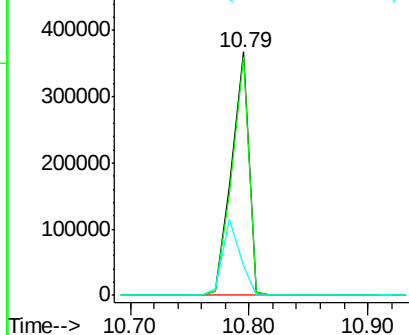
#41
 2,4,6-Tribromophenol
 Concen: 85.86 ng
 RT: 10.79 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101116

Tot Ion:330 Resp: 372770
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.4 113.0
 141 31.5 26.9 40.3

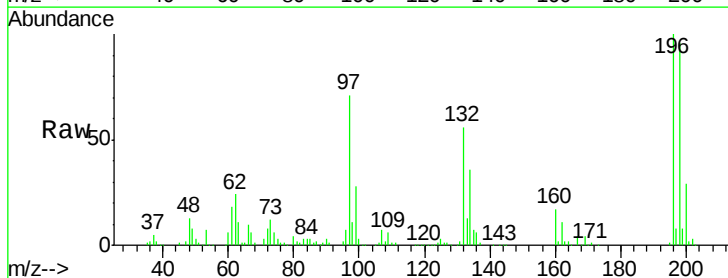


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

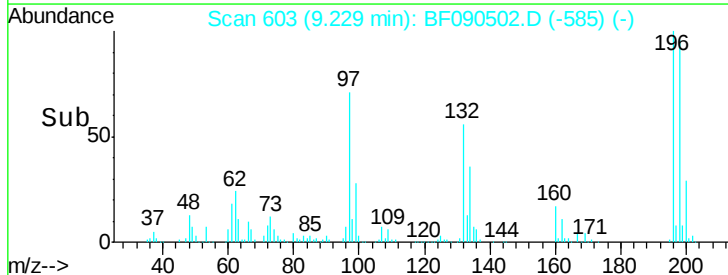
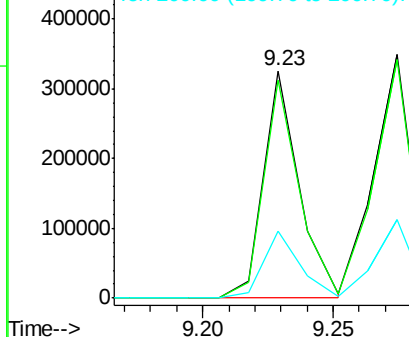


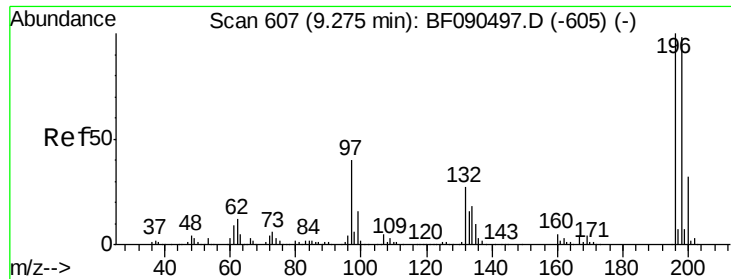
#42
 2,4,6-Trichlorophenol
 Concen: 37.56 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

Tgt Ion:196 Resp: 310471
 Ion Ratio Lower Upper
 196 100
 198 95.7 78.9 118.3
 200 29.5 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

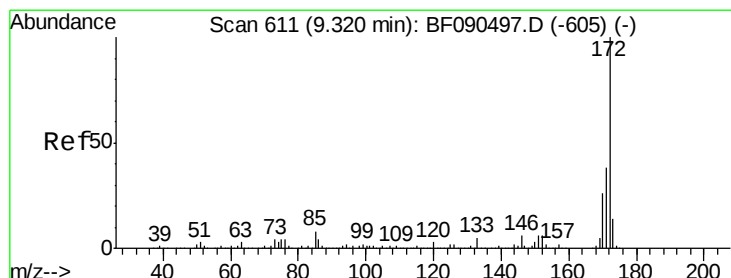
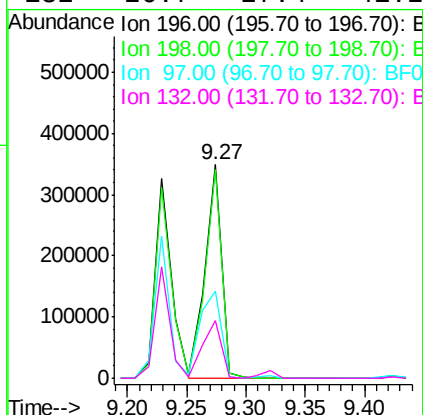
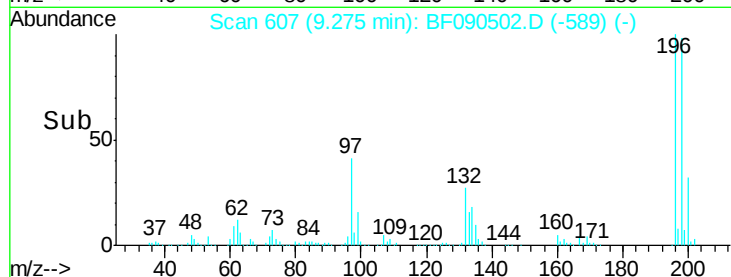
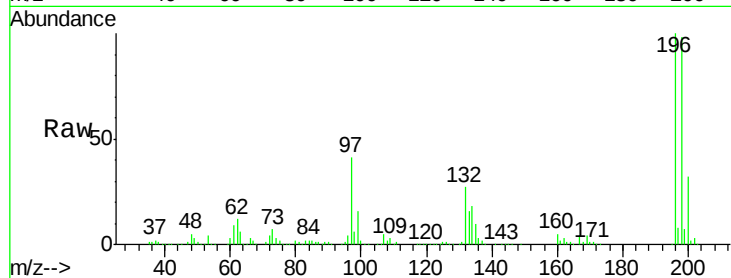




#43
 2,4,5-Trichlorophenol
 Concen: 41.62 ng
 RT: 9.27 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

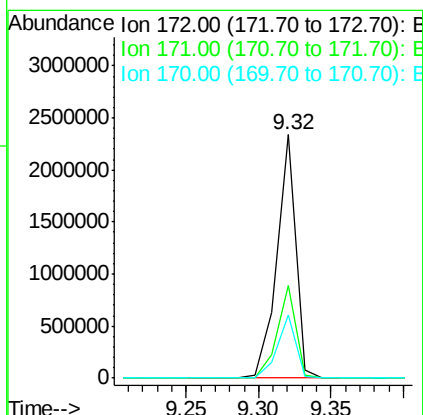
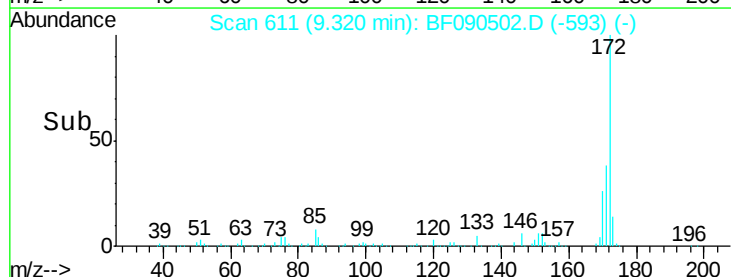
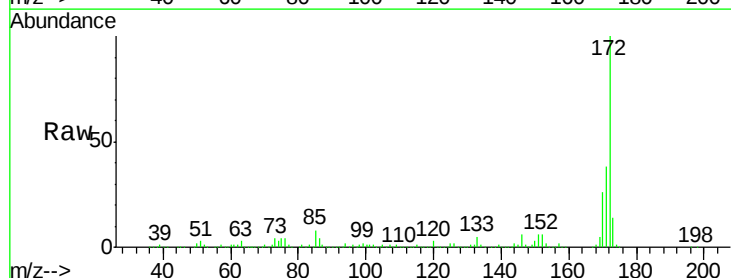
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101116

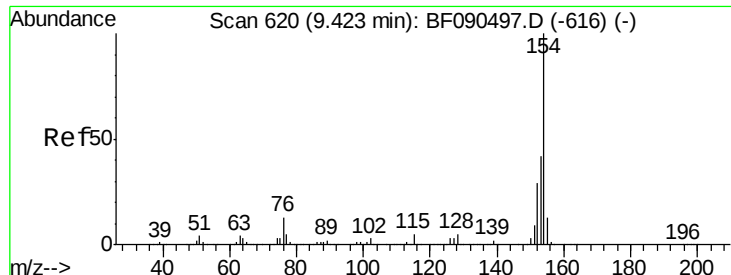
Tot Ion:196 Resp: 340484
 Ion Ratio Lower Upper
 196 100
 198 97.8 78.1 117.1
 97 40.5 48.1 72.1#
 132 26.7 27.4 41.2#



#44
 2-Fluorobiphenyl
 Concen: 81.08 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

Tgt Ion:172 Resp: 2113189
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.8 47.8
 170 26.0 21.7 32.5





#45

1,1'-Biphenyl

Concen: 42.46 ng

RT: 9.42 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

Instrument :

BNA_F

ClientSampleId :

ICVBF101116

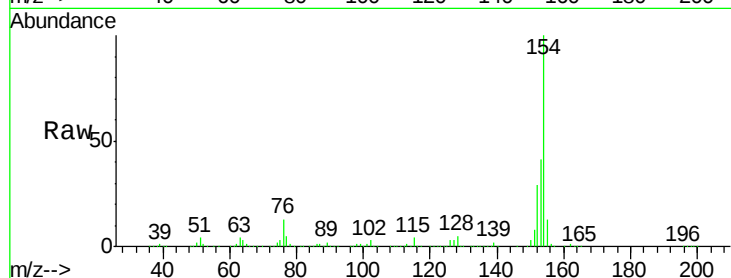
Tot Ion:154 Resp: 1420158

Ion Ratio Lower Upper

154 100

153 41.3 23.8 63.8

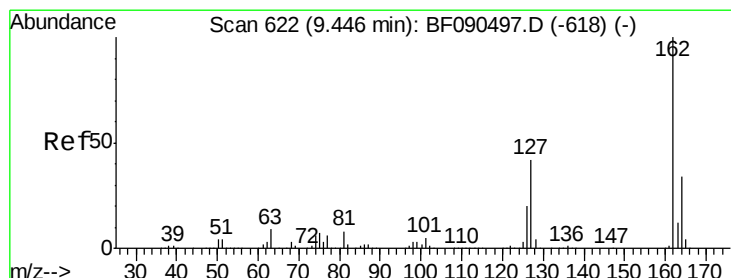
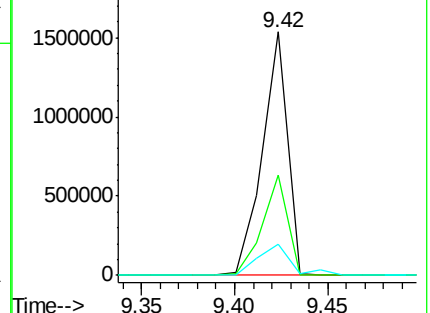
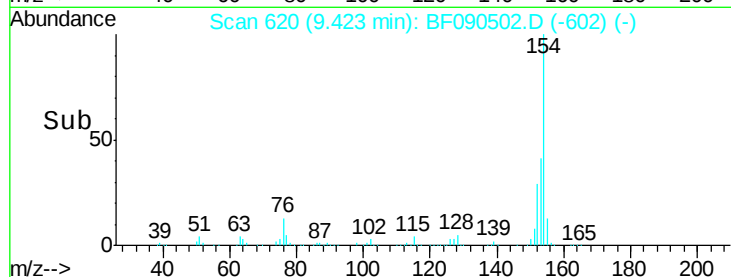
76 12.6 0.0 35.8



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: 42.34 ng

RT: 9.45 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

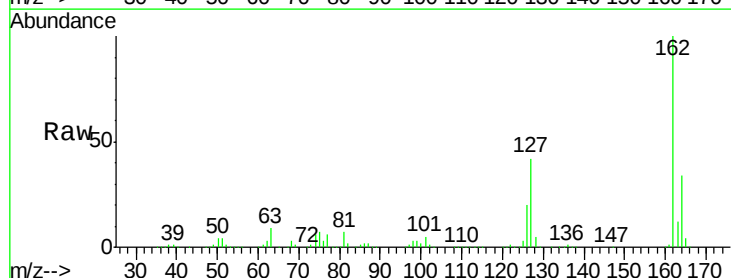
Tgt Ion:162 Resp: 1053729

Ion Ratio Lower Upper

162 100

127 41.9 35.6 53.4

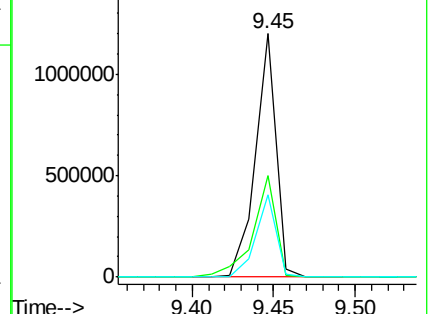
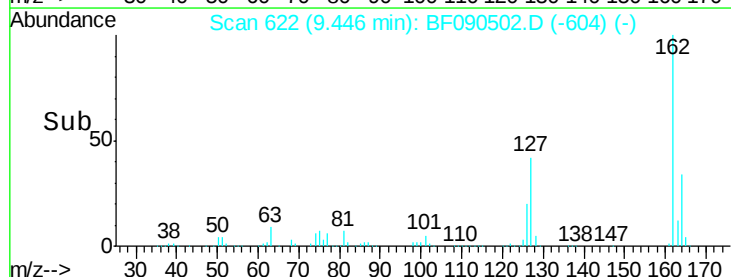
164 34.1 27.5 41.3

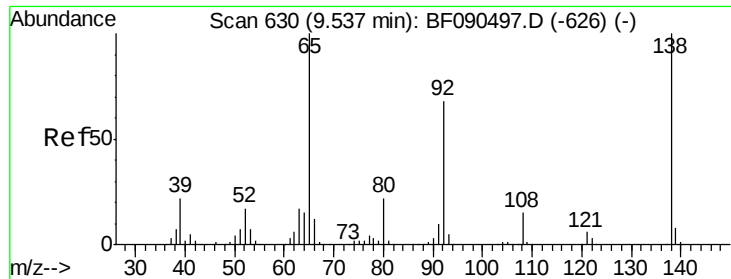


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

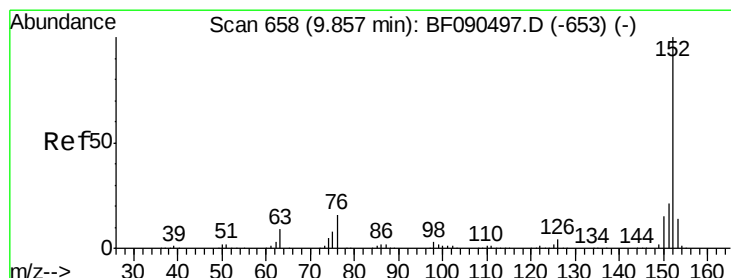
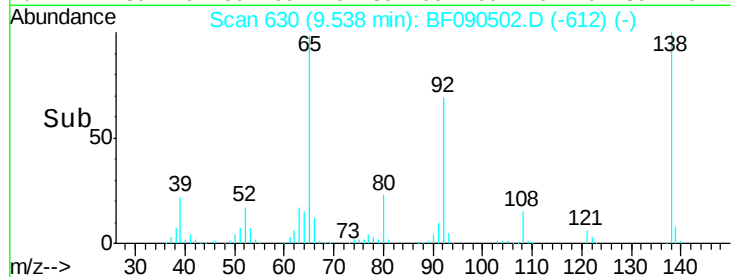
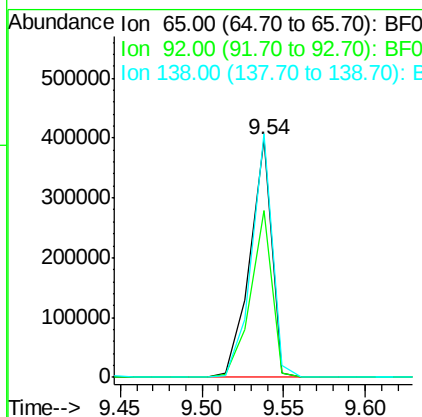
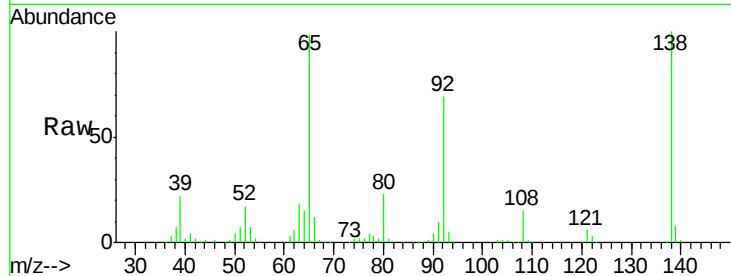




#47
 2-Nitroaniline
 Concen: 41.91 ng
 RT: 9.54 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

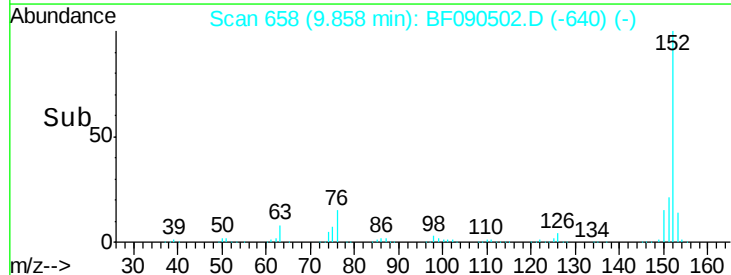
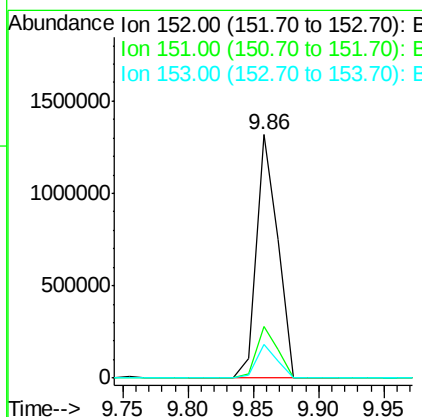
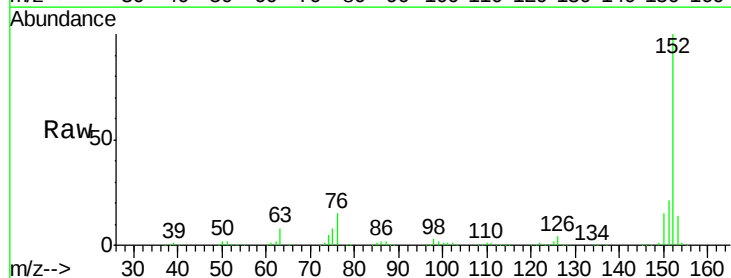
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101116

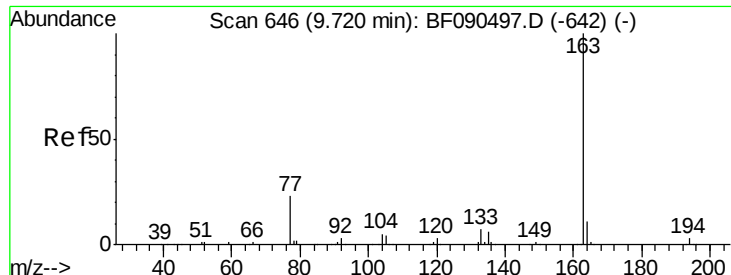
Tot Ion: 65 Resp: 372065
 Ion Ratio Lower Upper
 65 100
 92 70.2 51.7 77.5
 138 102.2 79.0 118.4



#48
 Acenaphthylene
 Concen: 37.21 ng
 RT: 9.86 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

Tgt Ion: 152 Resp: 1494227
 Ion Ratio Lower Upper
 152 100
 151 21.1 17.4 26.0
 153 14.1 11.6 17.4

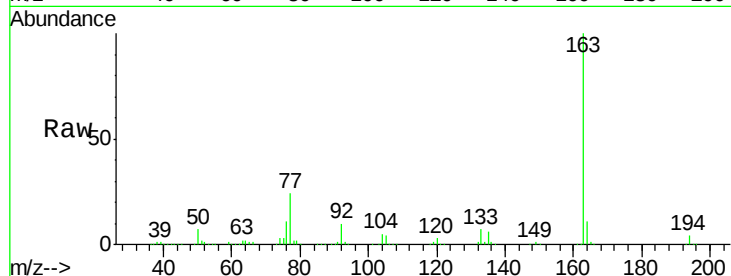




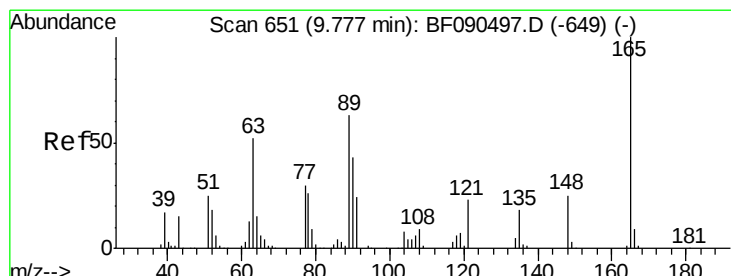
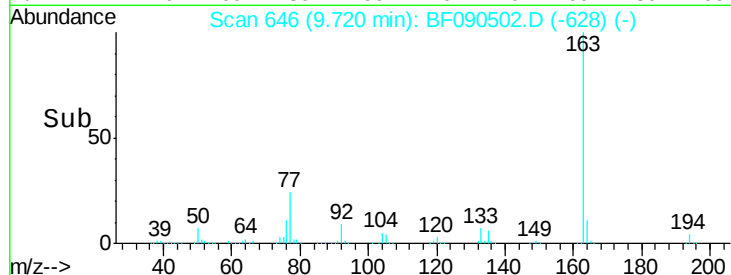
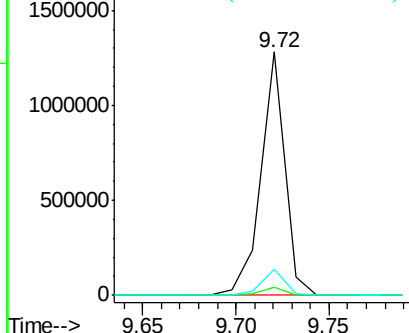
#49
Dimethylphthalate
Concen: 38.34 ng
RT: 9.72 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF090502.D
Acq: 11 Oct 2016 15:23

Instrument :
BNA_F
ClientSampleId :
ICVBF101116

Tot Ion:163 Resp: 1129437
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.9 9.0 13.4

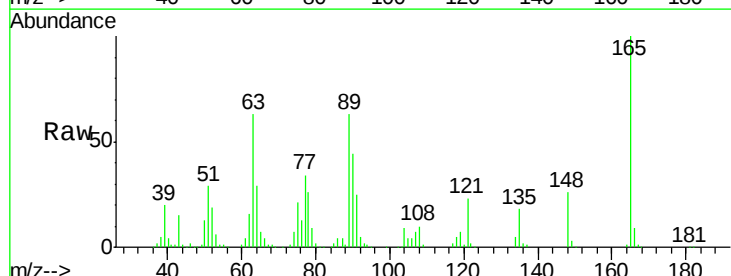


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

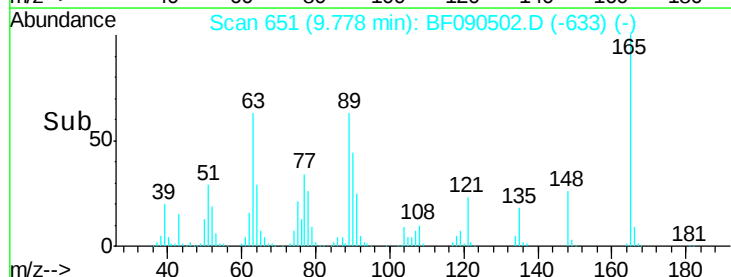
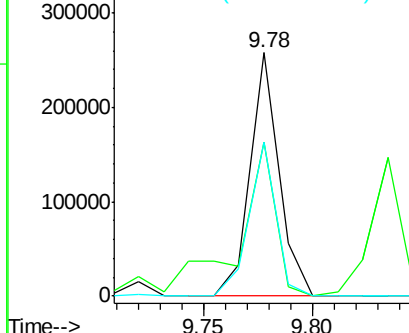


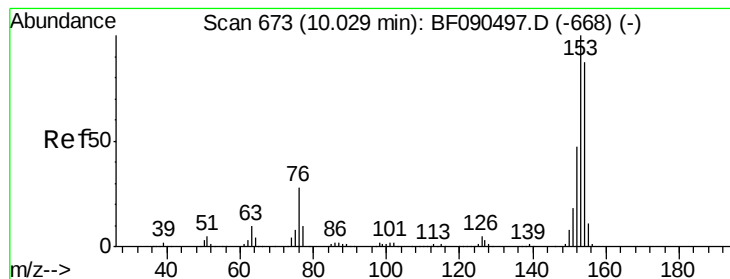
#50
2,6-Dinitrotoluene
Concen: 36.57 ng
RT: 9.78 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF090502.D
Acq: 11 Oct 2016 15:23

Tgt Ion:165 Resp: 237848
Ion Ratio Lower Upper
165 100
63 63.5 58.0 87.0
89 63.2 51.2 76.8



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





#51

Acenaphthene

Concen: 38.30 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

Instrument :

BNA_F

ClientSampleId :

ICVBF101116

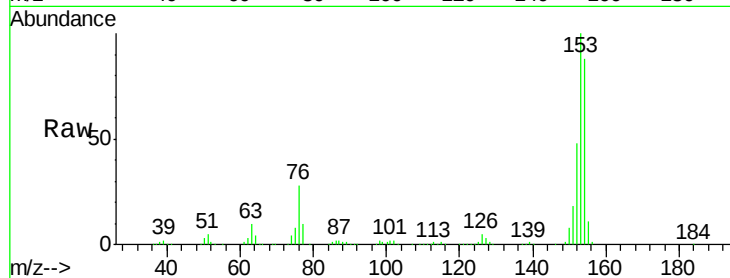
Tot Ion:154 Resp: 1030735

Ion Ratio Lower Upper

154 100

153 114.1 88.6 133.0

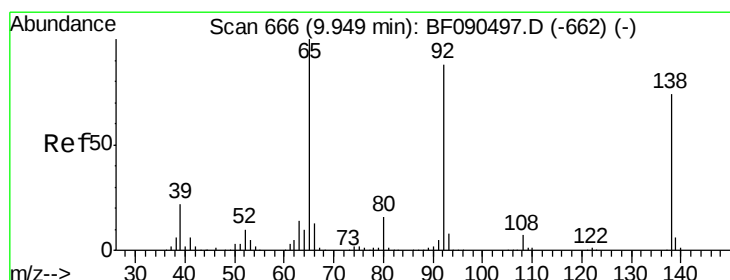
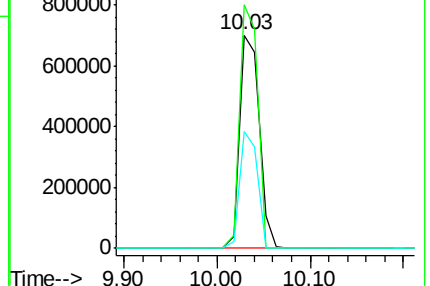
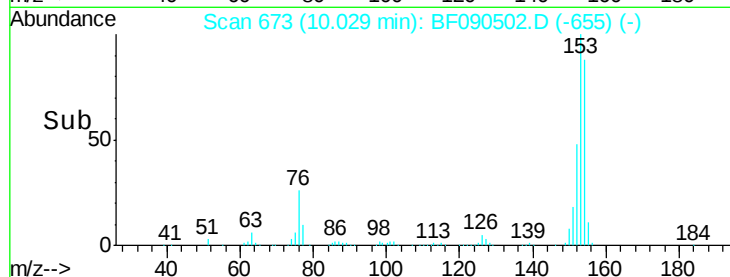
152 54.5 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.36 ng

RT: 9.95 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

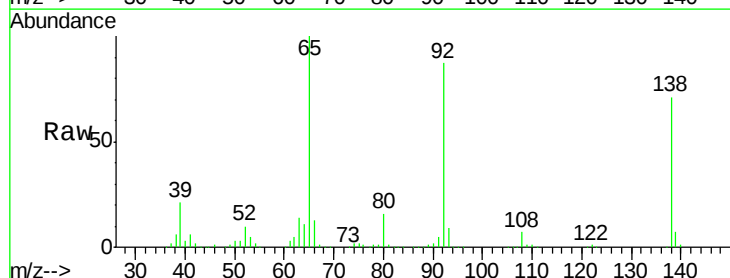
Tgt Ion:138 Resp: 309564

Ion Ratio Lower Upper

138 100

108 10.5 9.7 14.5

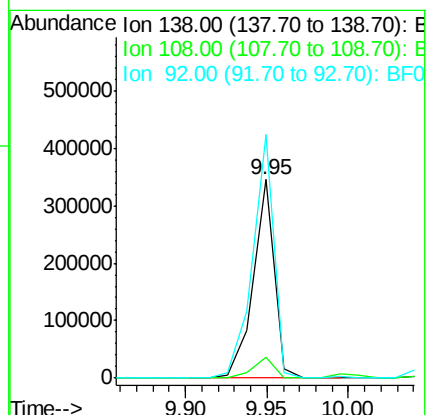
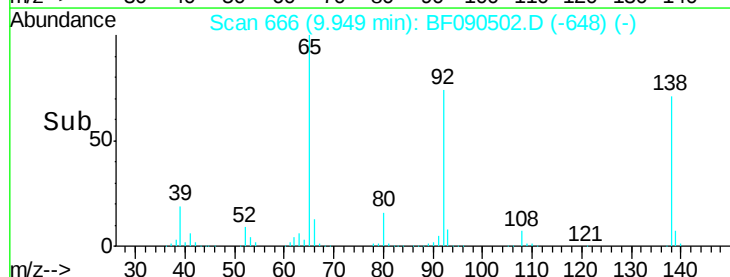
92 122.5 97.1 145.7

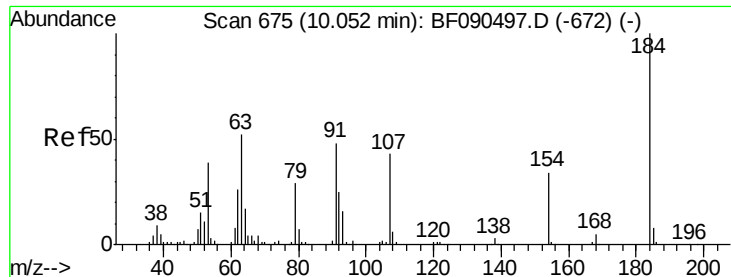


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

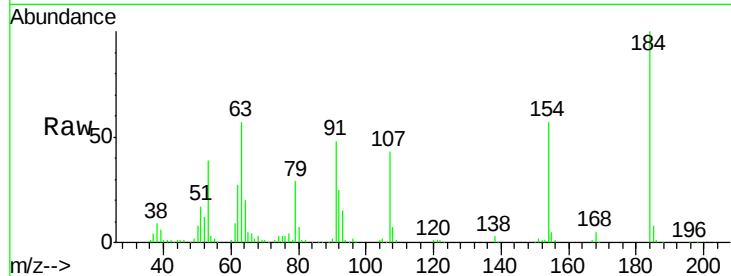




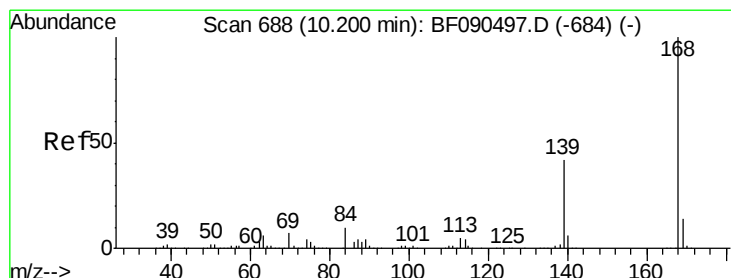
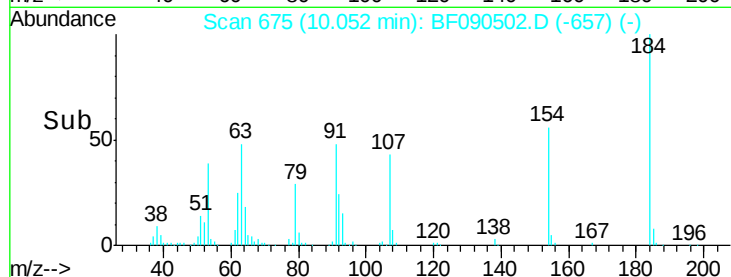
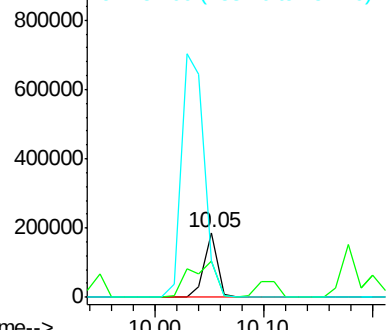
#53
2,4-Dinitrophenol
Concen: 43.68 ng
RT: 10.05 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF090502.D
Acq: 11 Oct 2016 15:23

Instrument :
BNA_F
ClientSampleId :
ICVBF101116

Tot Ion:184 Resp: 157631
Ion Ratio Lower Upper
184 100
63 56.8 41.9 62.9
154 56.6 48.9 73.3

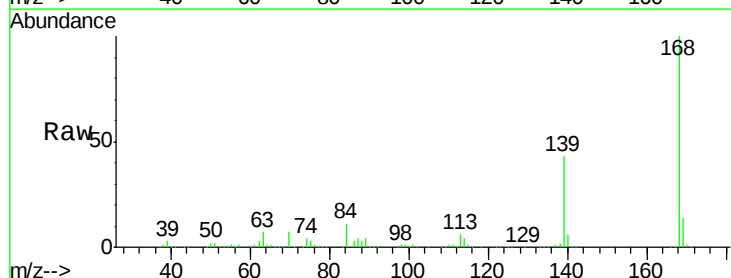


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

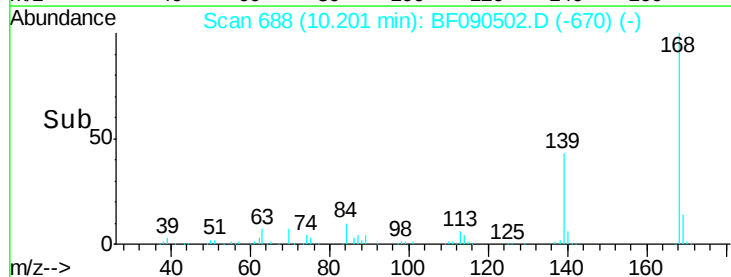
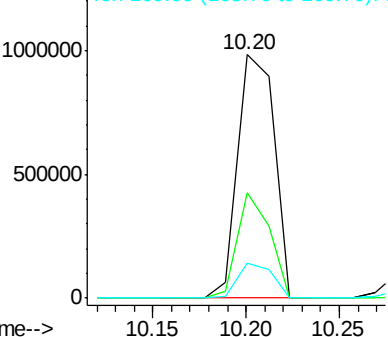


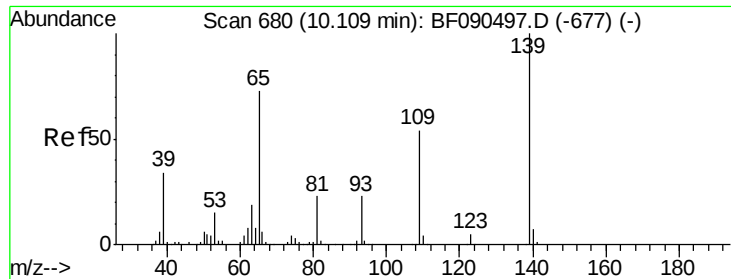
#54
Dibenzofuran
Concen: 37.27 ng
RT: 10.20 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF090502.D
Acq: 11 Oct 2016 15:23

Tgt Ion:168 Resp: 1334428
Ion Ratio Lower Upper
168 100
139 43.4 29.6 44.4
169 14.5 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

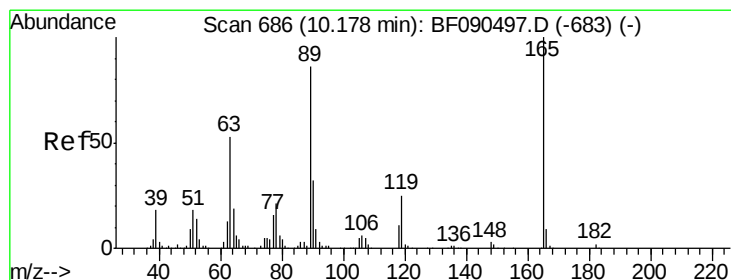
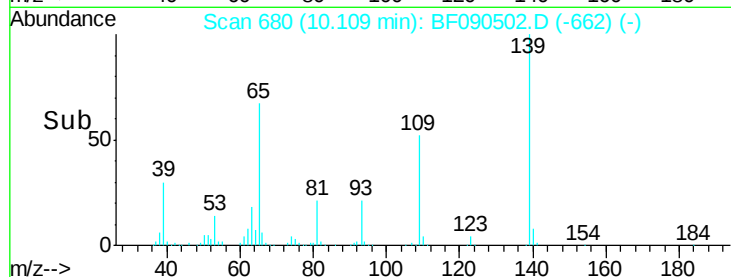
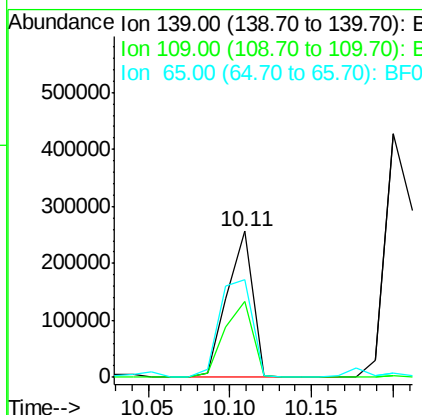
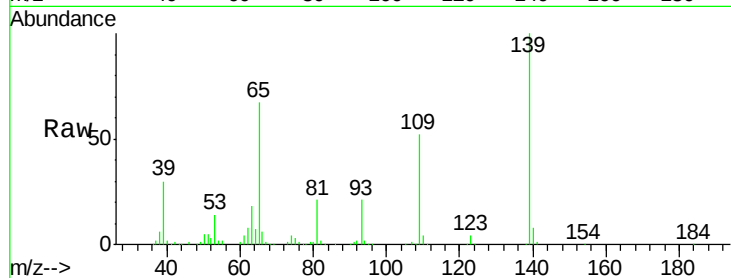




#55
4-Nitrophenol
Concen: 44.69 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF090502.D
Acq: 11 Oct 2016 15:23

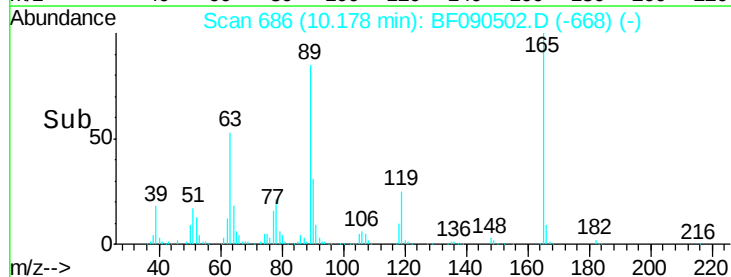
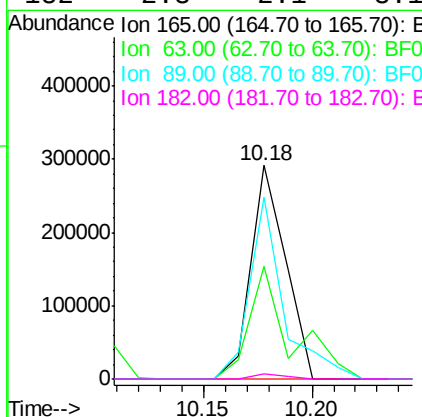
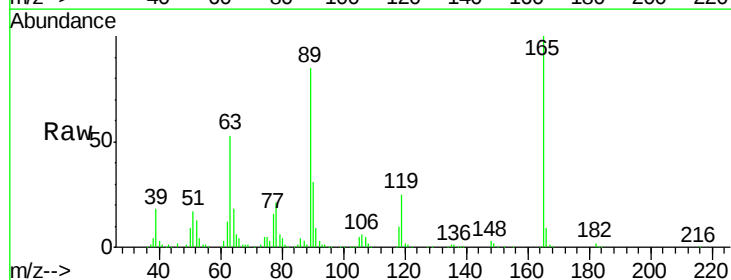
Instrument :
BNA_F
ClientSampleId :
ICVBF101116

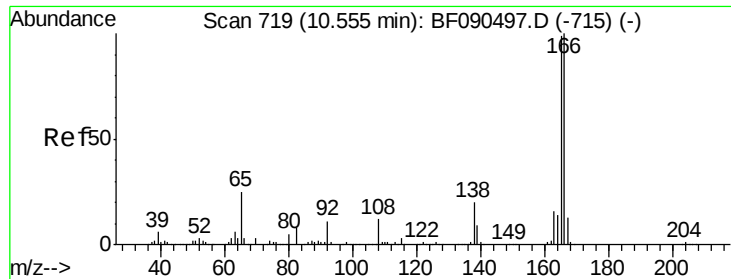
Tot Ion:139 Resp: 280239
Ion Ratio Lower Upper
139 100
109 51.5 43.6 83.6
65 66.5 87.5 127.5#



#56
2,4-Dinitrotoluene
Concen: 37.67 ng
RT: 10.18 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF090502.D
Acq: 11 Oct 2016 15:23

Tgt Ion:165 Resp: 324059
Ion Ratio Lower Upper
165 100
63 52.9 17.8 26.6#
89 85.1 33.2 49.8#
182 2.3 2.1 3.1





#57

Fluorene

Concen: 38.62 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

Instrument :

BNA_F

ClientSampleId :

ICVBF101116

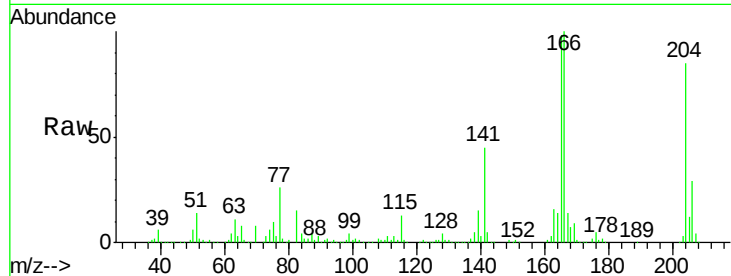
Tot Ion:166 Resp: 1128966

Ion Ratio Lower Upper

166 100

165 98.0 79.2 118.8

167 14.2 11.1 16.7

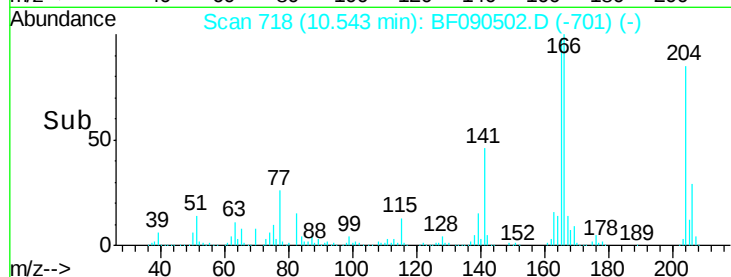


Abundance Ion 166.00 (165.70 to 166.70): E

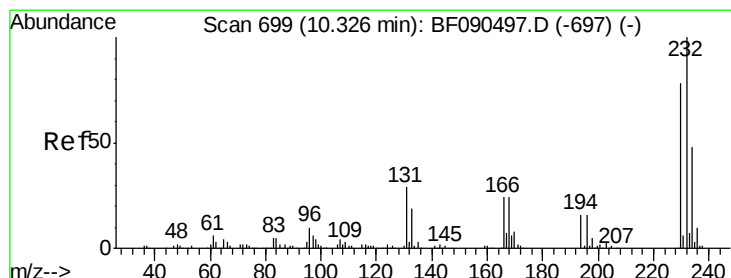
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.99 ng

RT: 10.33 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

Tgt Ion:232 Resp: 279703

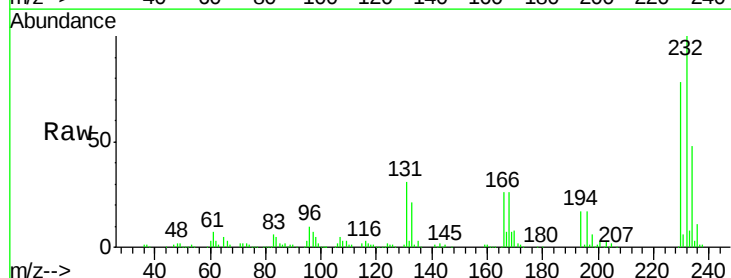
Ion Ratio Lower Upper

232 100

131 47.2 34.5 51.7

130 2.1 1.6 2.4

166 32.5 23.8 35.8



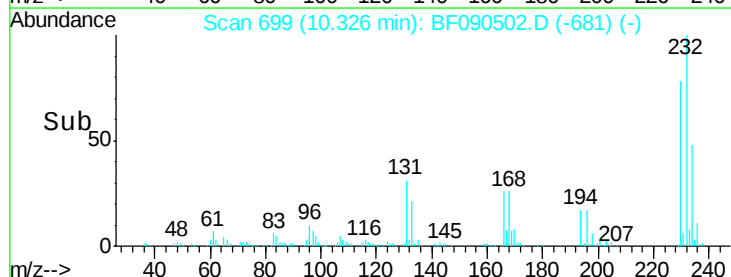
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

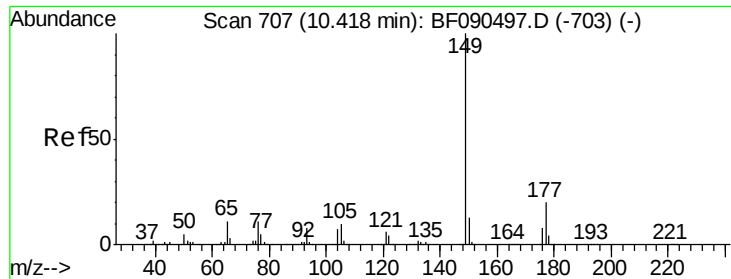
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time-->



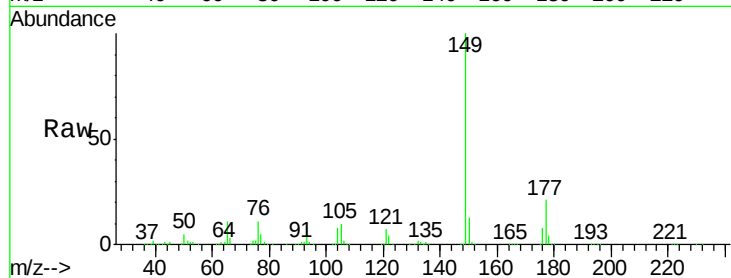
Time-->



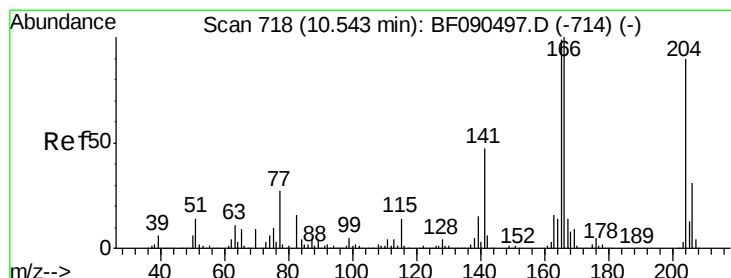
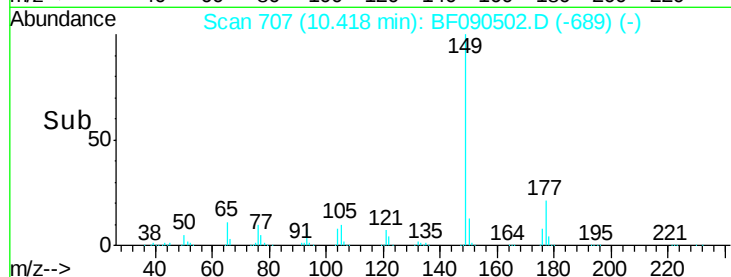
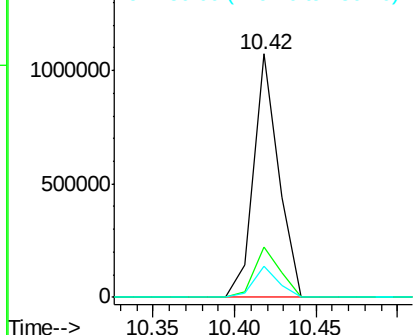
#59
Diethylphthalate
Concen: 38.08 ng
RT: 10.42 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF090502.D
Acq: 11 Oct 2016 15:23

Instrument :
BNA_F
ClientSampleId :
ICVBF101116

Tot Ion:149 Resp: 1140789
Ion Ratio Lower Upper
149 100
177 20.5 21.1 31.7#
150 13.0 10.2 15.2

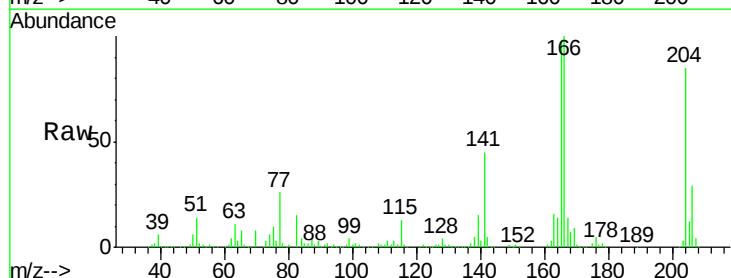


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

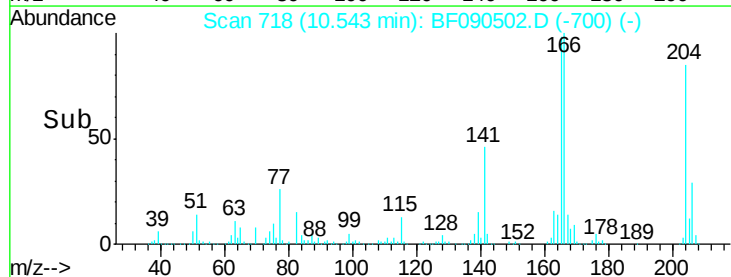
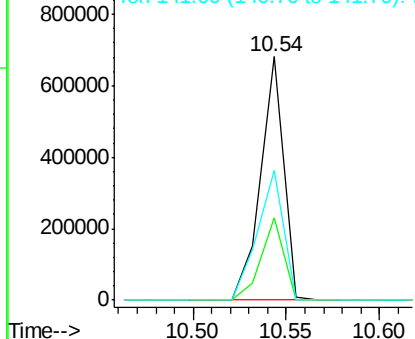


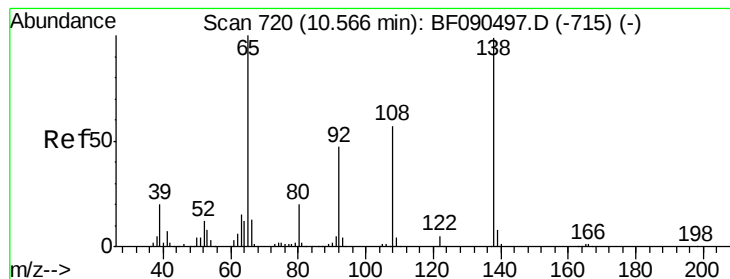
#60
4-Chlorophenyl-phenylether
Concen: 42.82 ng
RT: 10.54 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF090502.D
Acq: 11 Oct 2016 15:23

Tgt Ion:204 Resp: 577538
Ion Ratio Lower Upper
204 100
206 33.7 26.7 40.1
141 53.3 51.7 77.5



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.95 ng

RT: 10.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

Instrument :

BNA_F

ClientSampleId :

ICVBF101116

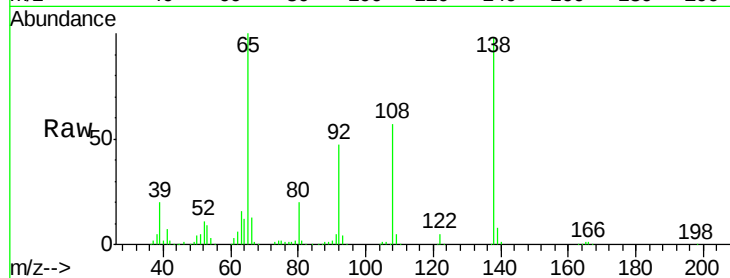
Tot Ion:138 Resp: 353667

Ion Ratio Lower Upper

138 100

92 48.1 33.2 73.2

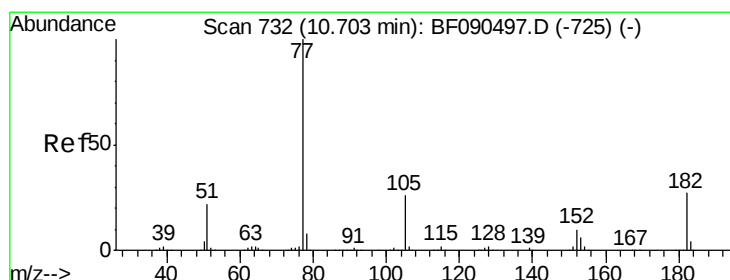
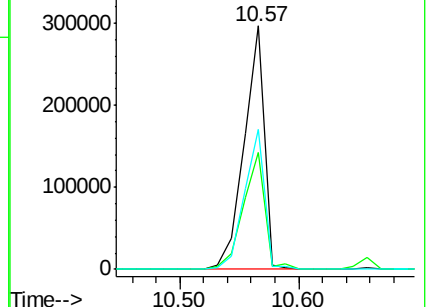
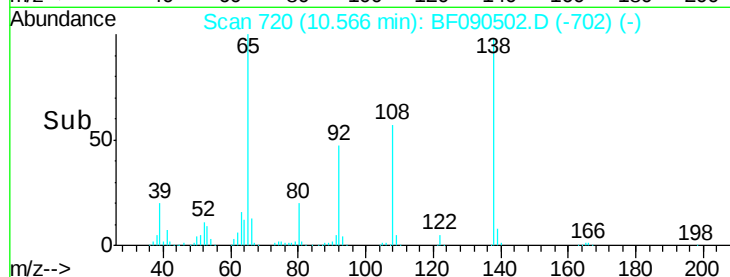
108 57.7 48.5 88.5



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: 41.59 ng

RT: 10.70 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

Tgt Ion: 77 Resp: 1360719

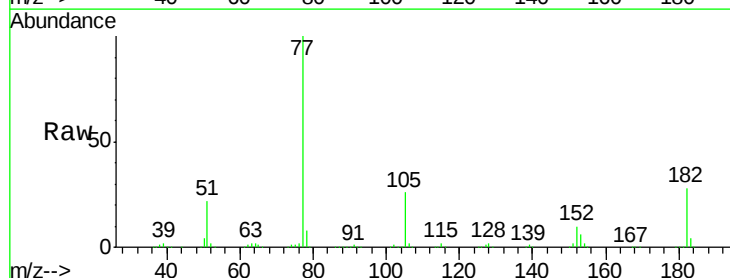
Ion Ratio Lower Upper

77 100

182 27.6 3.2 43.2

105 25.8 2.9 42.9

51 21.8 14.2 54.2

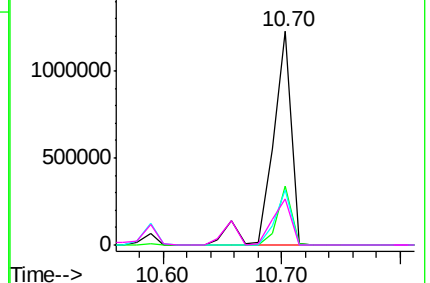
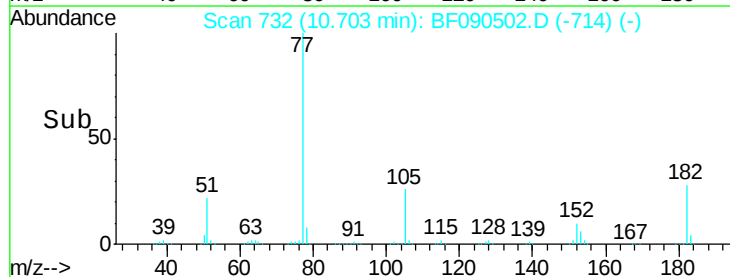


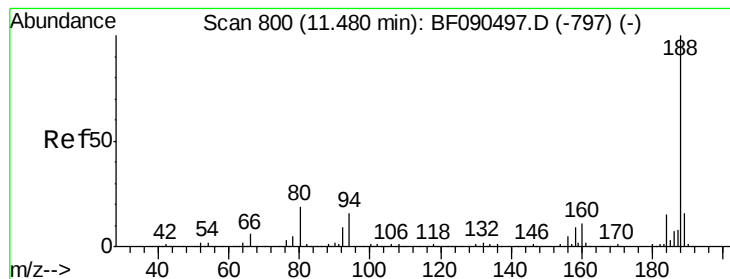
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.48 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

Instrument :

BNA_F

ClientSampleId :

ICVBF101116

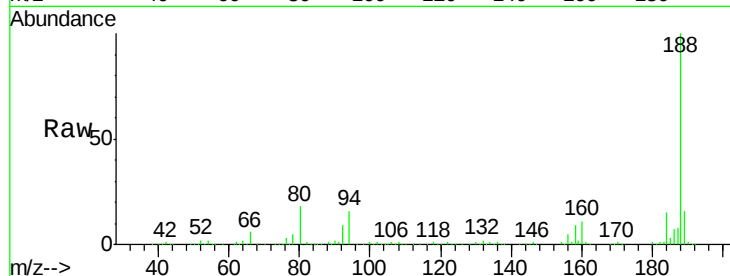
Tot Ion:188 Resp: 726895

Ion Ratio Lower Upper

188 100

94 16.0 8.2 12.2#

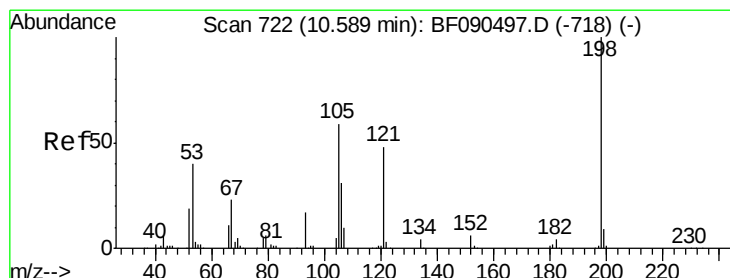
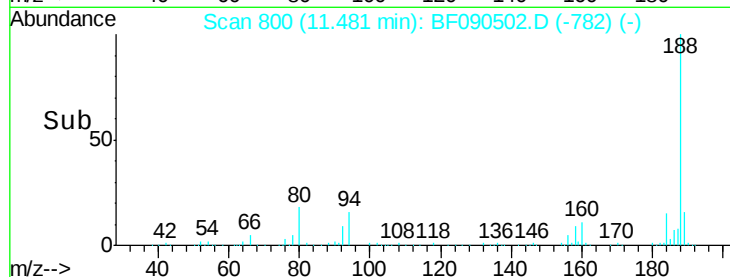
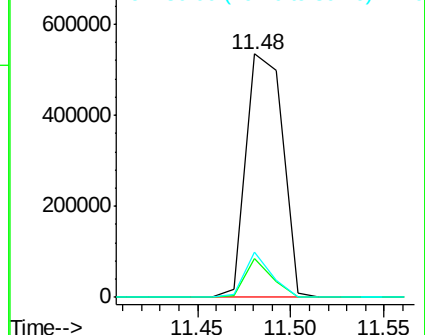
80 18.5 8.8 13.2#



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: 38.96 ng

RT: 10.59 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

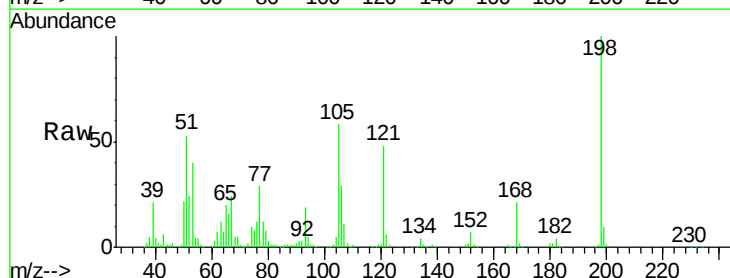
Tgt Ion:198 Resp: 189154

Ion Ratio Lower Upper

198 100

51 52.6 67.3 107.3#

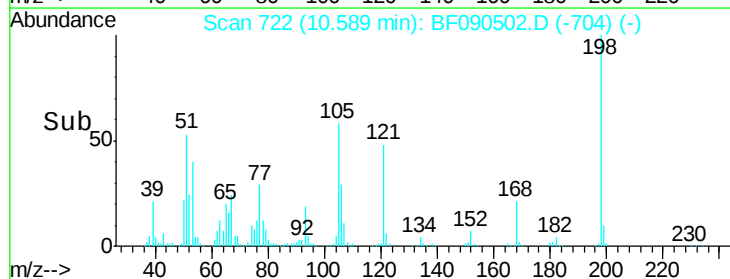
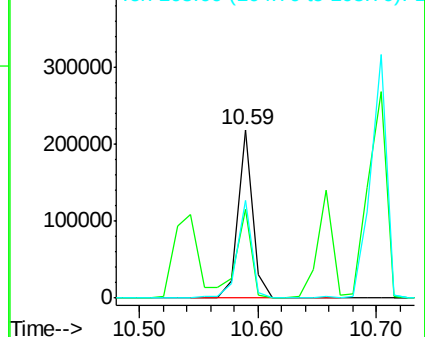
105 57.8 42.6 82.6

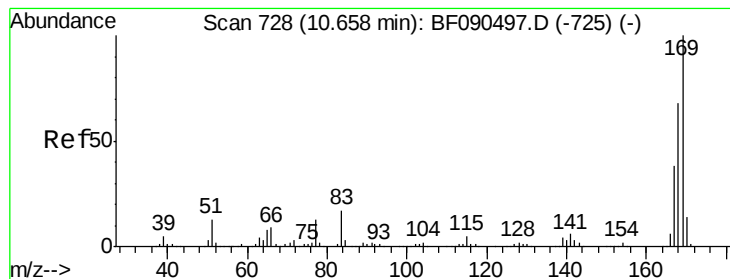


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.10 ng

RT: 10.66 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

Instrument :

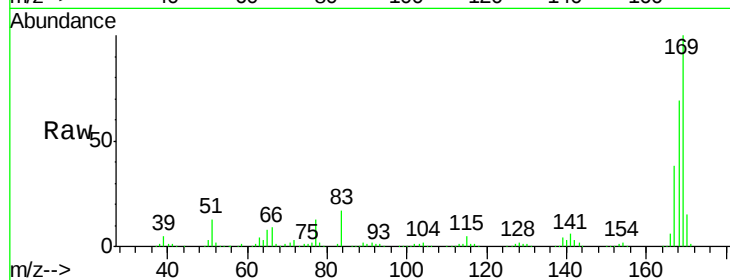
BNA_F

ClientSampleId :

ICVBF101116

Tot Ion:169 Resp: 924126

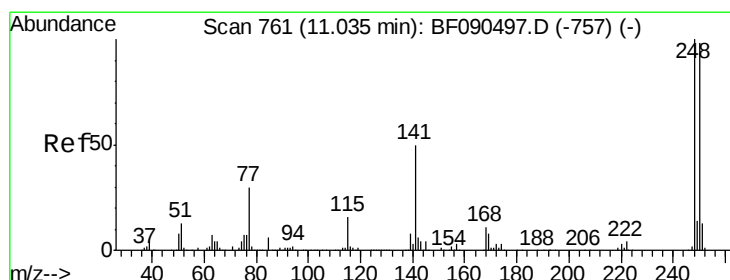
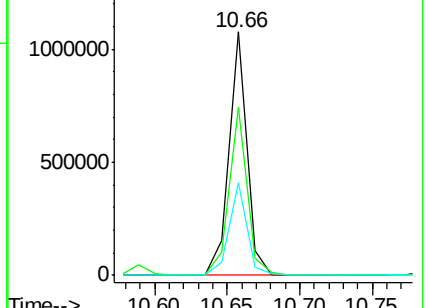
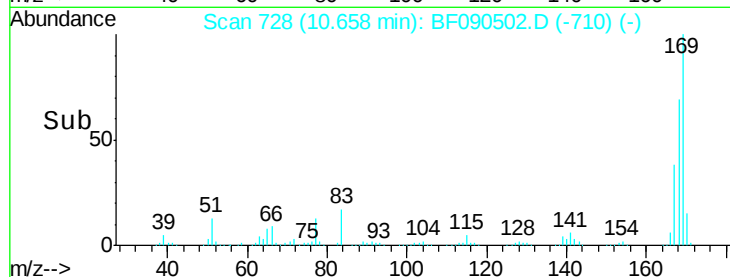
Ion	Ratio	Lower	Upper
169	100		
168	69.1	53.8	80.6
167	38.1	29.8	44.8



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: 42.93 ng

RT: 11.03 min Scan# 761

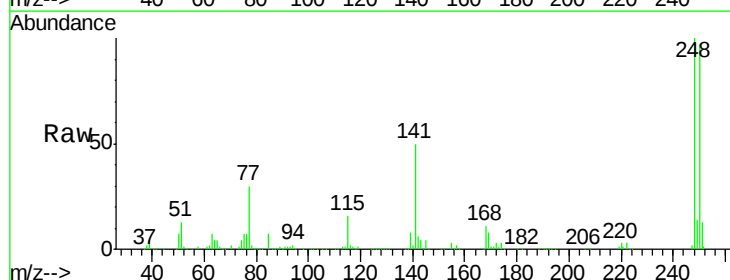
Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

Tgt Ion:248 Resp: 345800

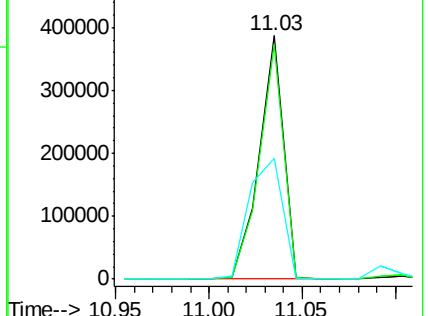
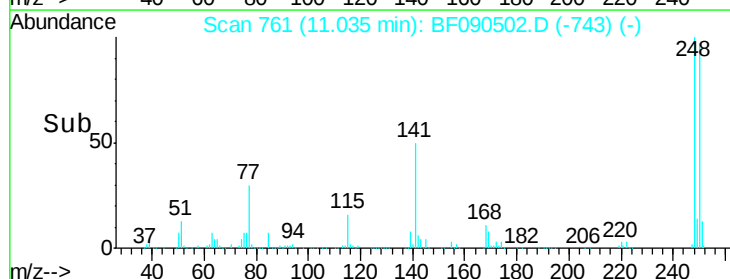
Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.5	114.7
141	49.6	59.8	89.6

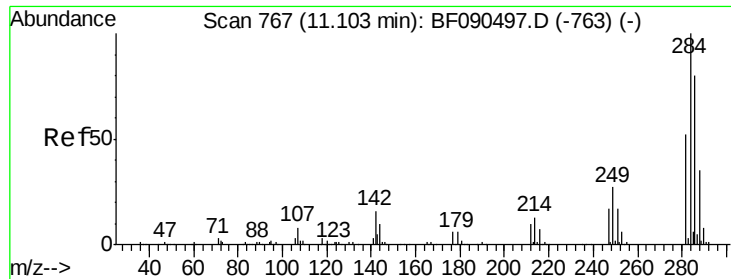


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

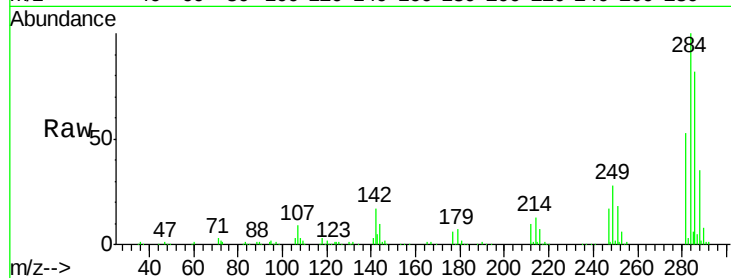




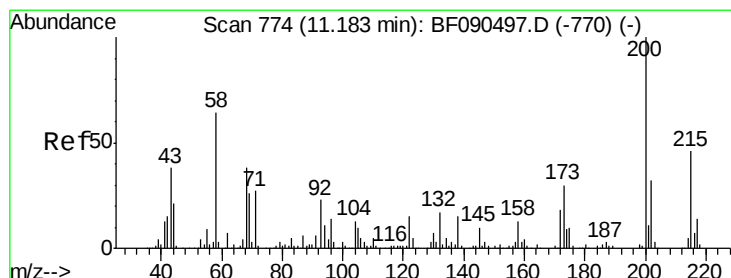
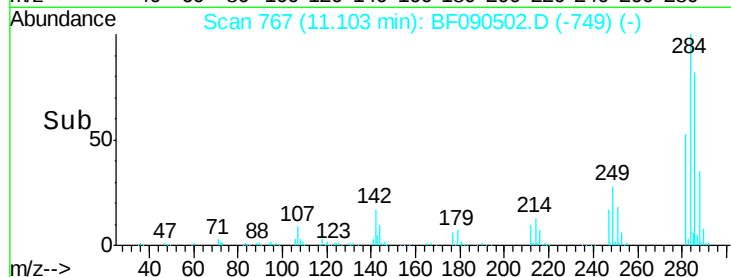
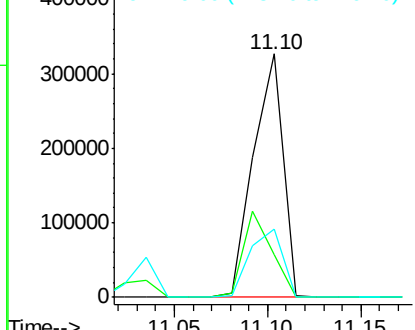
#67
Hexachlorobenzene
Concen: 40.16 ng
RT: 11.10 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF090502.D
Acq: 11 Oct 2016 15:23

Instrument :
BNA_F
ClientSampleId :
ICVBF101116

Tot Ion:284 Resp: 357273
Ion Ratio Lower Upper
284 100
142 17.3 23.1 34.7#
249 27.9 26.3 39.5

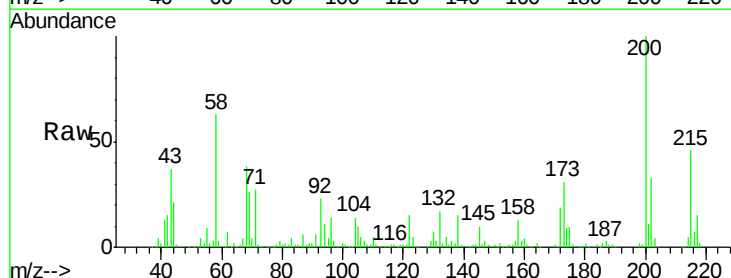


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

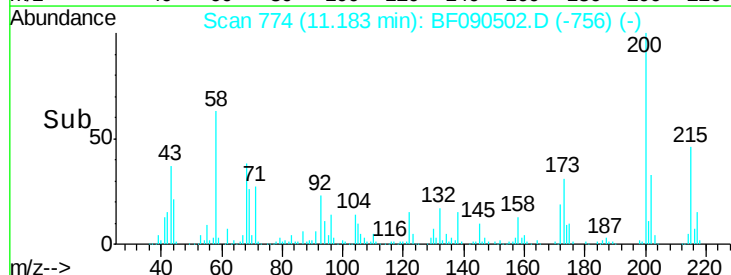
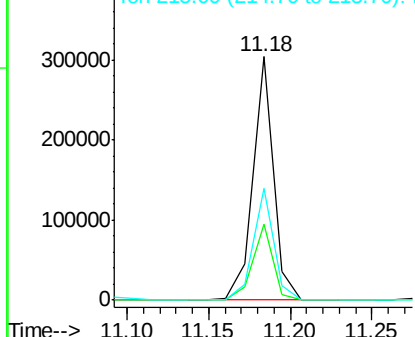


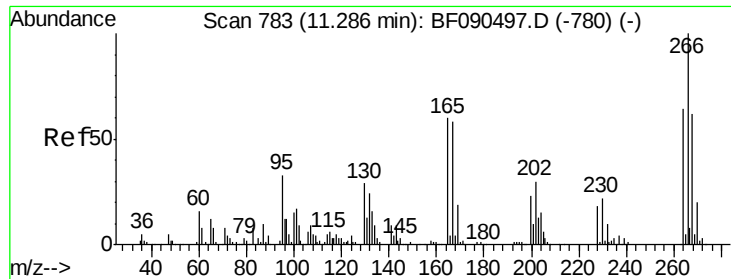
#68
Atrazine
Concen: 36.32 ng
RT: 11.18 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF090502.D
Acq: 11 Oct 2016 15:23

Tgt Ion:200 Resp: 265702
Ion Ratio Lower Upper
200 100
173 31.1 9.0 49.0
215 45.8 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

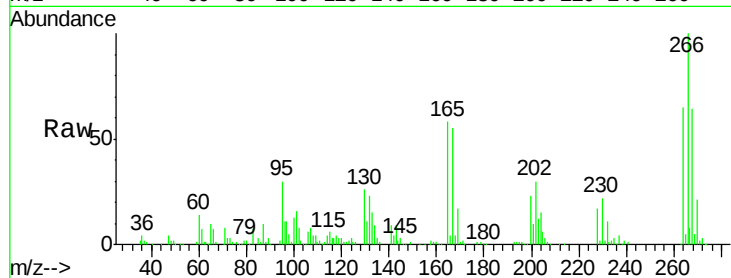




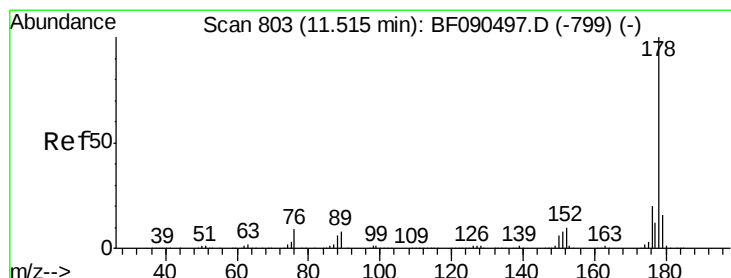
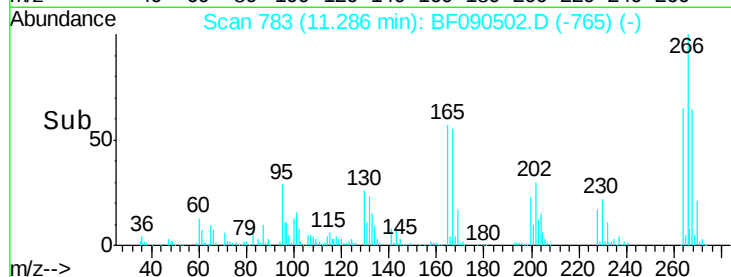
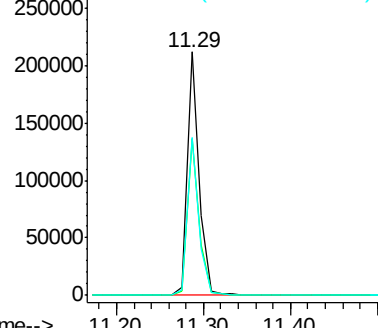
#69
 Pentachlorophenol
 Concen: 38.60 ng
 RT: 11.29 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101116

Tot Ion:266 Resp: 204366
 Ion Ratio Lower Upper
 266 100
 268 64.3 50.9 76.3
 264 64.7 51.5 77.3

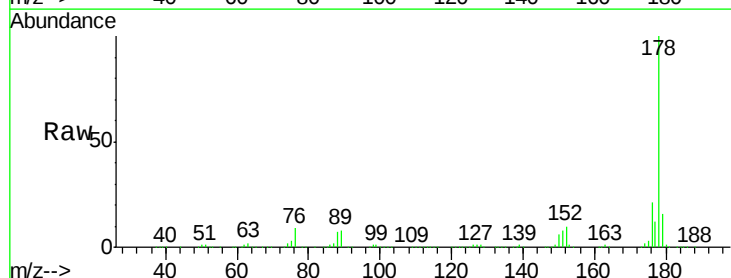


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

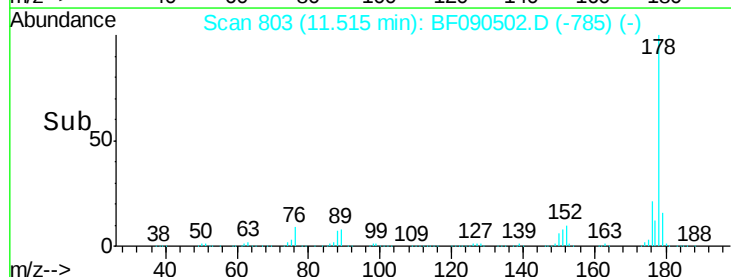
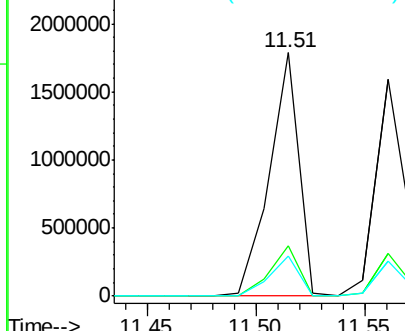


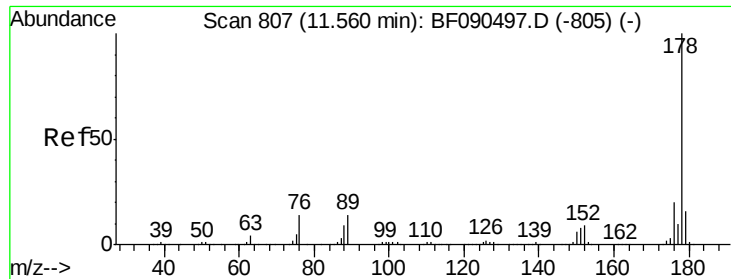
#70
 Phenanthrene
 Concen: 42.35 ng
 RT: 11.51 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

Tgt Ion:178 Resp: 1696747
 Ion Ratio Lower Upper
 178 100
 176 20.8 17.3 25.9
 179 16.4 13.8 20.6



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

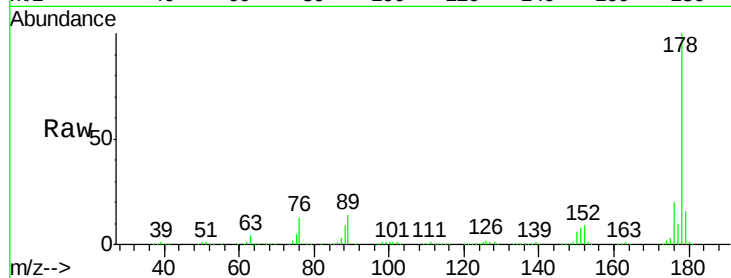




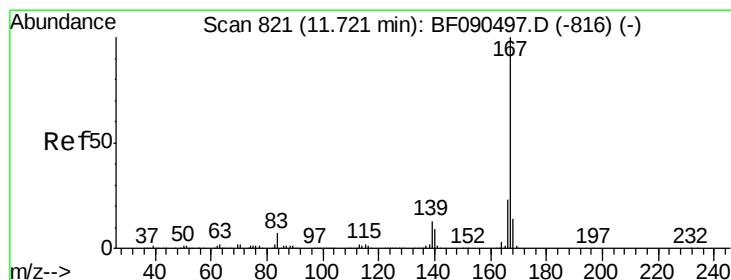
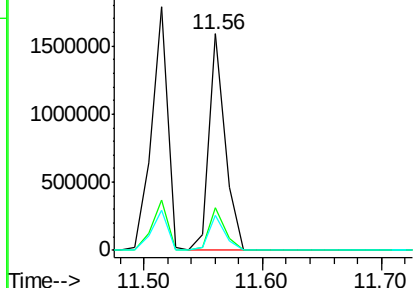
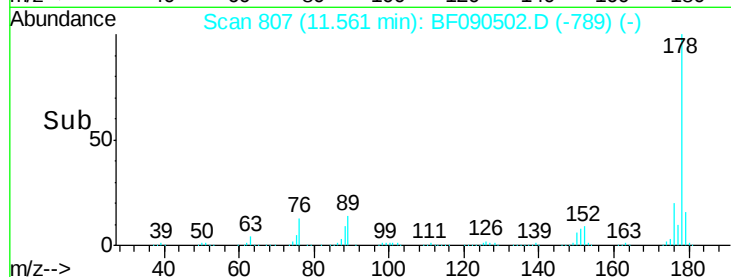
#71
 Anthracene
 Concen: 36.69 ng
 RT: 11.56 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101116

Tot Ion:178 Resp: 1489205
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.8 25.2
 179 16.4 13.4 20.2

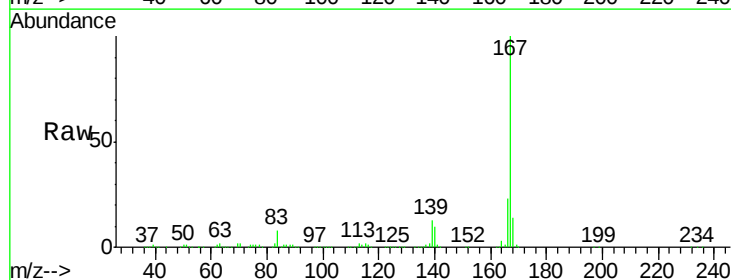


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

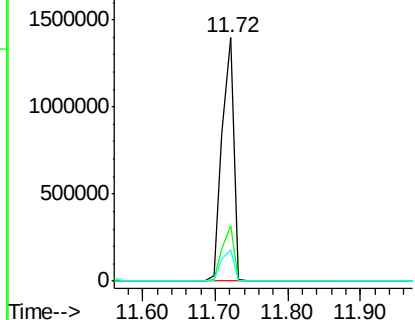
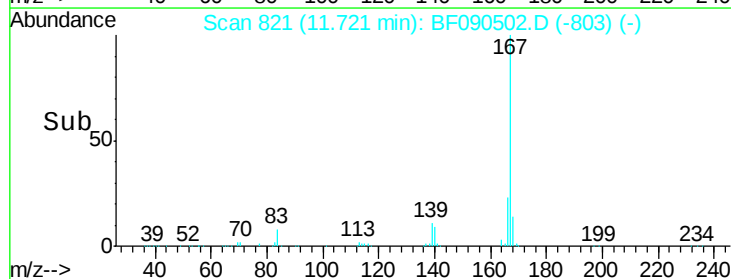


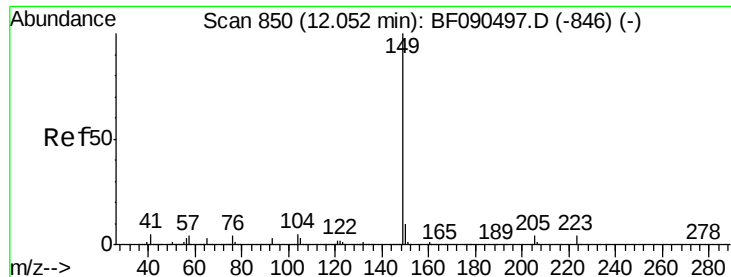
#72
 Carbazole
 Concen: 40.98 ng
 RT: 11.72 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

Tgt Ion:167 Resp: 1570849
 Ion Ratio Lower Upper
 167 100
 166 22.7 19.1 28.7
 139 12.7 12.1 18.1



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





#73

Di-n-butylphthalate

Concen: 42.68 ng

RT: 12.05 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

Instrument :

BNA_F

ClientSampleId :

ICVBF101116

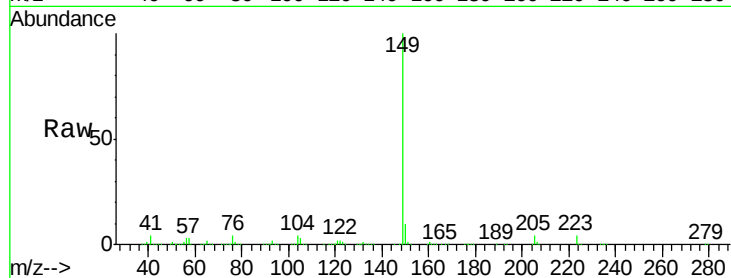
Tot Ion:149 Resp: 1970203

Ion Ratio Lower Upper

149 100

150 9.7 8.6 12.8

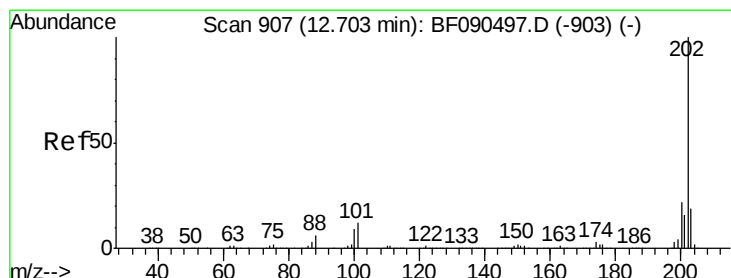
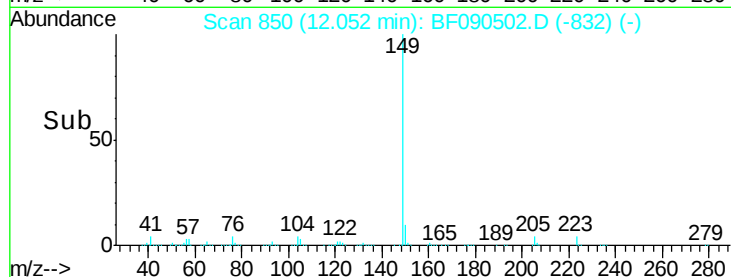
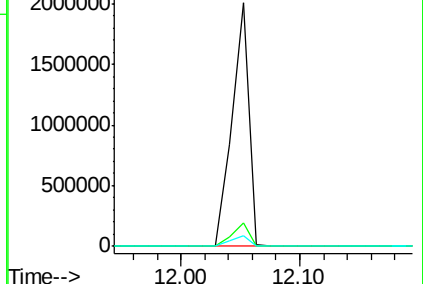
104 4.2 4.7 7.1#



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: 44.03 ng

RT: 12.70 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

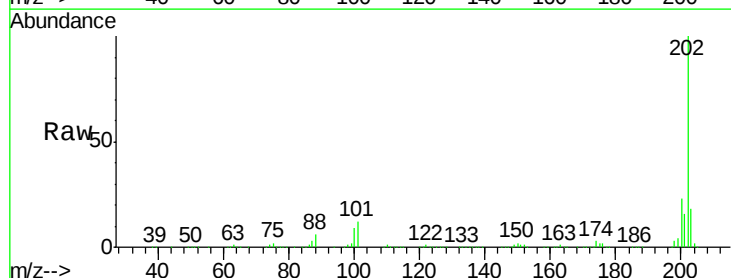
Tgt Ion:202 Resp: 1800460

Ion Ratio Lower Upper

202 100

101 11.8 0.0 37.2

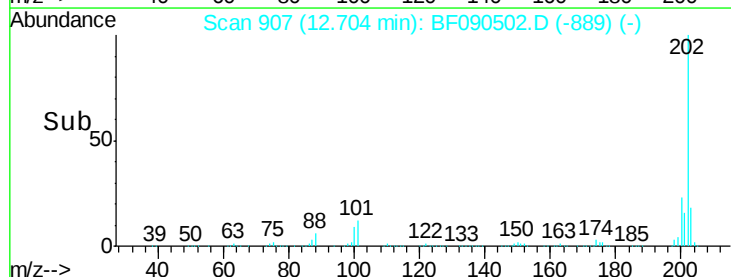
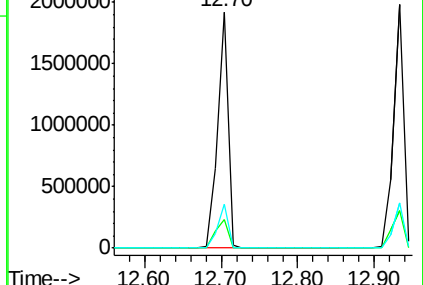
203 18.5 0.0 39.3

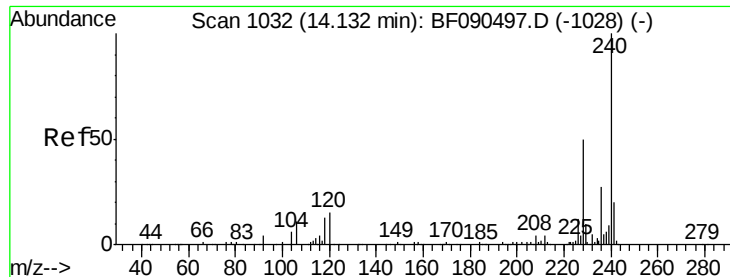


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF090502.D

Acq: 11 Oct 2016 15:23

Instrument :

BNA_F

ClientSampleId :

ICVBF101116

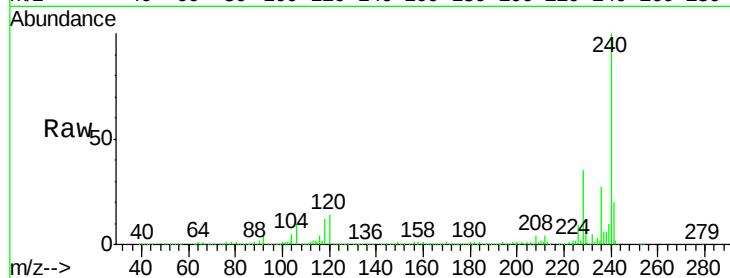
Tot Ion:240 Resp: 726914

Ion Ratio Lower Upper

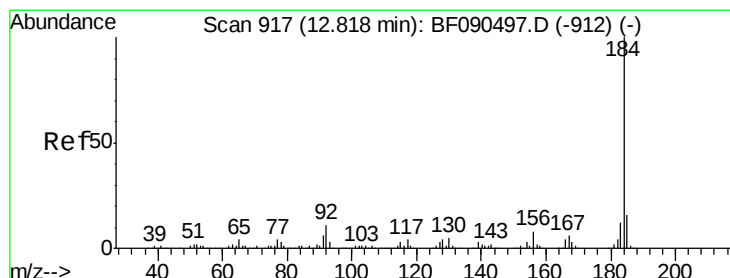
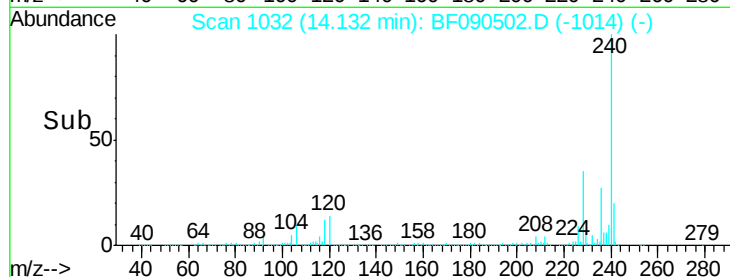
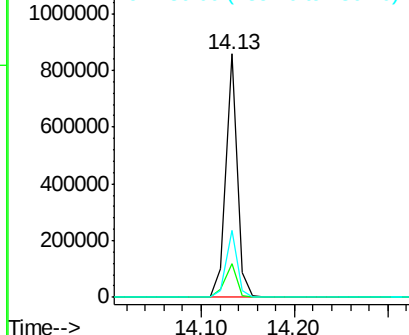
240 100

120 13.6 8.6 13.0#

236 27.5 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.65 ng

RT: 12.82 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF090502.D

Acq: 11 Oct 2016 15:23

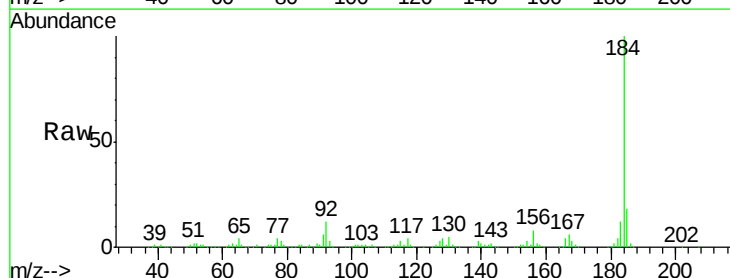
Tgt Ion:184 Resp: 791597

Ion Ratio Lower Upper

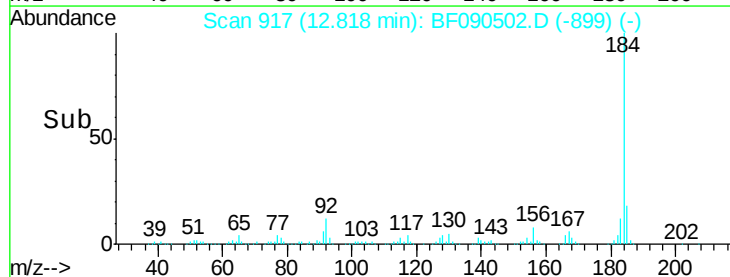
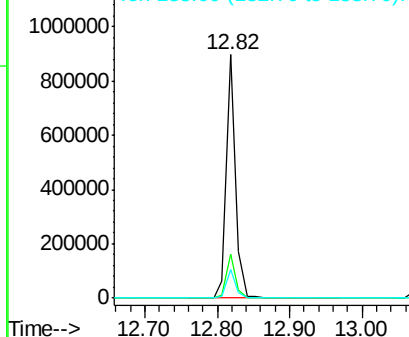
184 100

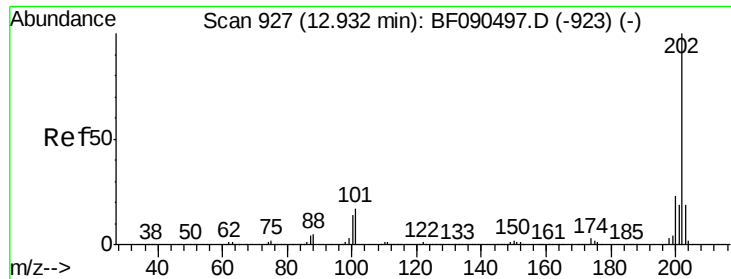
185 17.9 11.8 17.8#

183 11.9 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

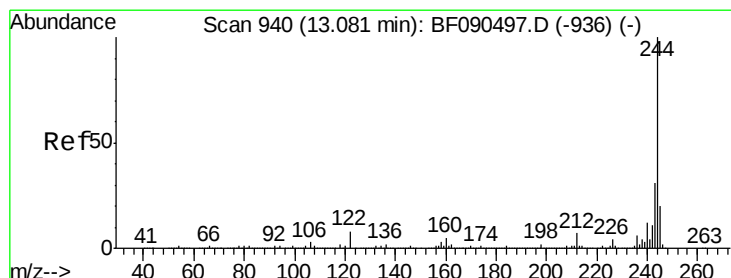
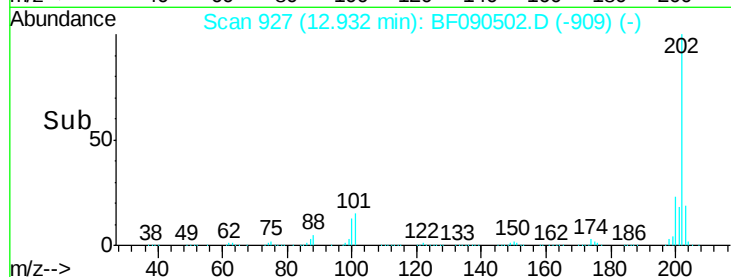
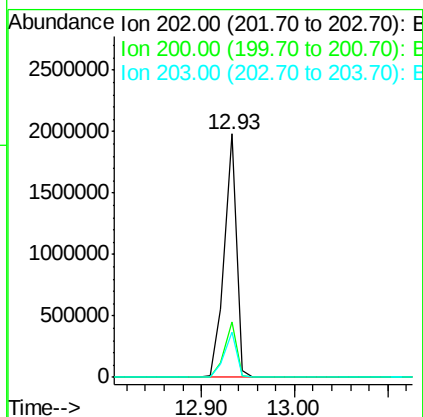
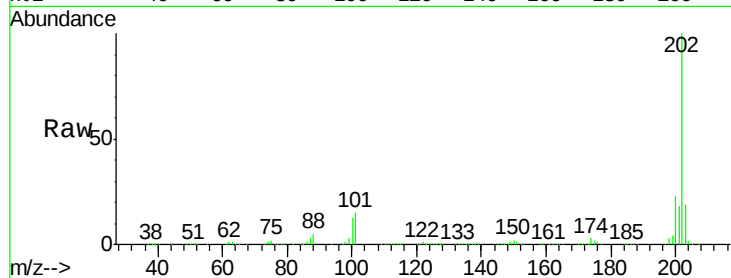




#77
Pvrene
Concen: 39.41 ng
RT: 12.93 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF090502.D
Acq: 11 Oct 2016 15:23

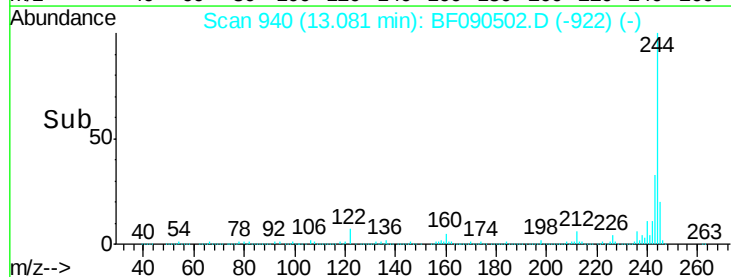
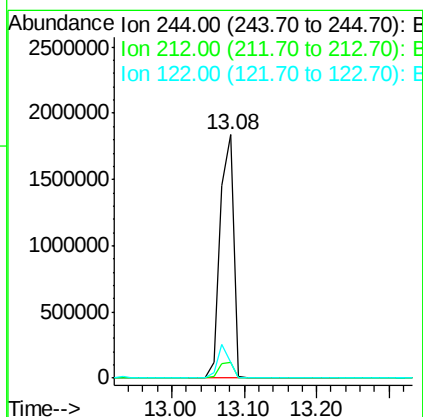
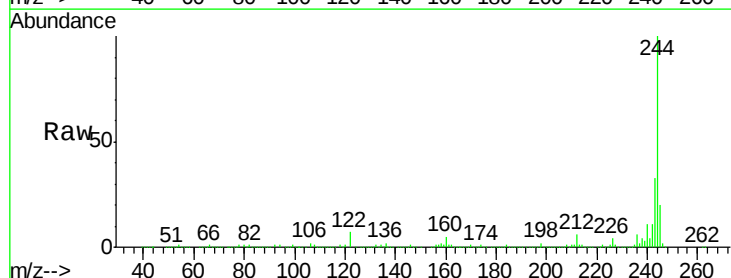
Instrument :
BNA_F
ClientSampleId :
ICVBF101116

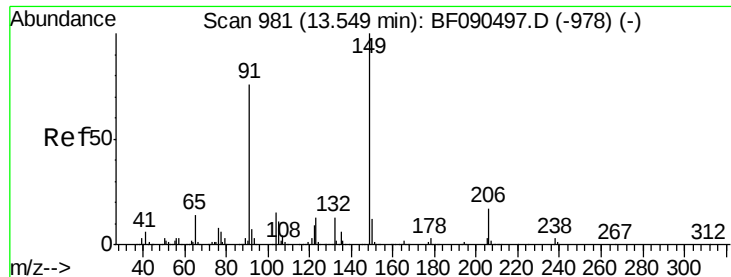
Tot Ion:202 Resp: 1793090
Ion Ratio Lower Upper
202 100
200 22.8 18.5 27.7
203 18.6 15.0 22.6



#78
Terphenyl-d14
Concen: 79.18 ng
RT: 13.08 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF090502.D
Acq: 11 Oct 2016 15:23

Tgt Ion:244 Resp: 2355156
Ion Ratio Lower Upper
244 100
212 6.4 6.8 10.2#
122 6.6 13.3 19.9#

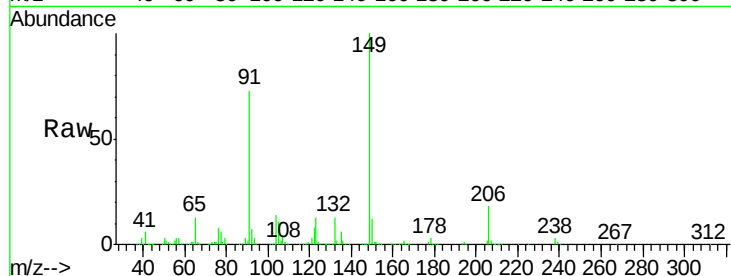




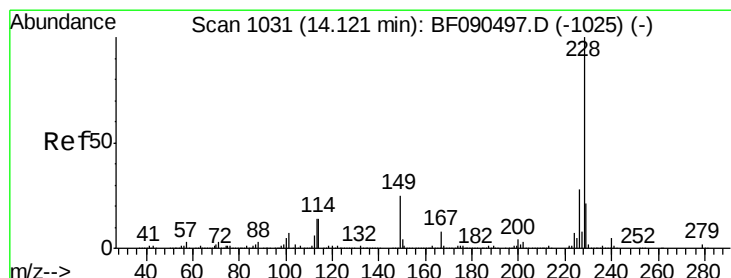
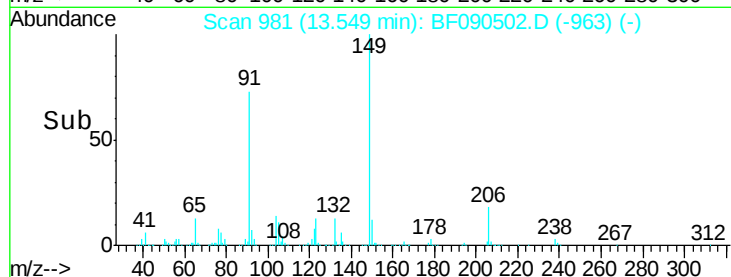
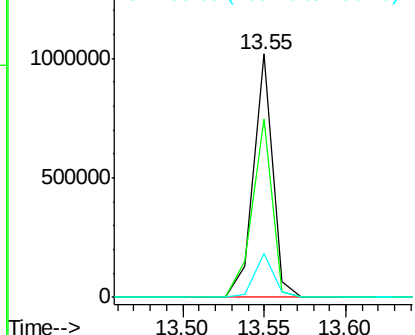
#79
Butylbenzylphthalate
Concen: 39.23 ng
RT: 13.55 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF090502.D
Acq: 11 Oct 2016 15:23

Instrument :
BNA_F
ClientSampleId :
ICVBF101116

Tot Ion:149 Resp: 835528
Ion Ratio Lower Upper
149 100
91 73.1 51.8 77.8
206 18.2 18.0 27.0

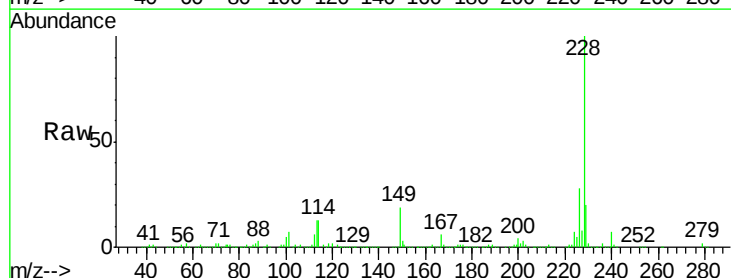


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

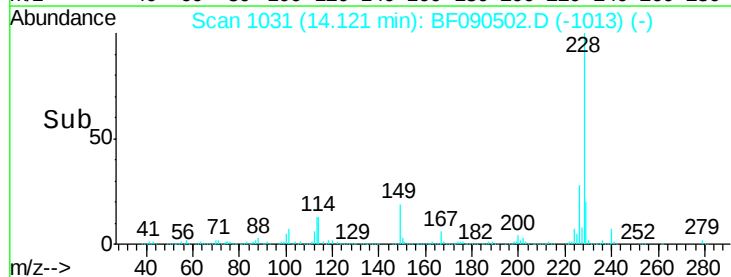
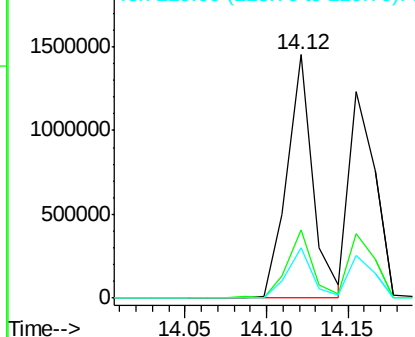


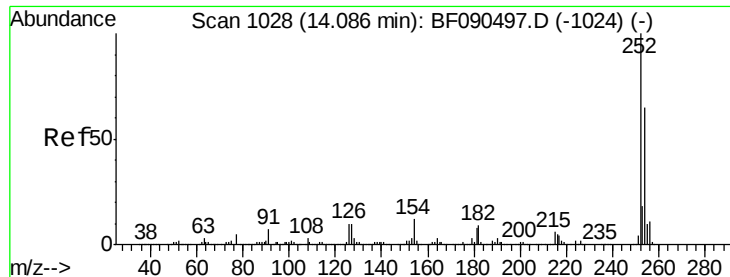
#80
Benzo(a)anthracene
Concen: 37.09 ng
RT: 14.12 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF090502.D
Acq: 11 Oct 2016 15:23

Tgt Ion:228 Resp: 1606869
Ion Ratio Lower Upper
228 100
226 28.1 23.6 35.4
229 20.5 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

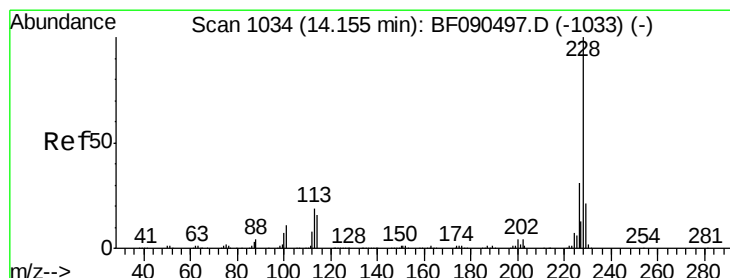
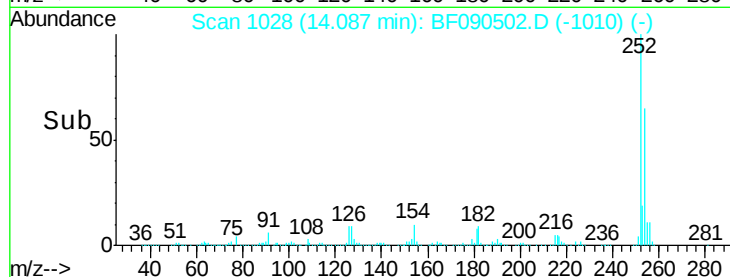
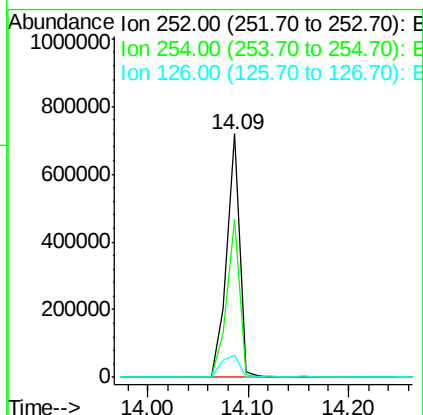
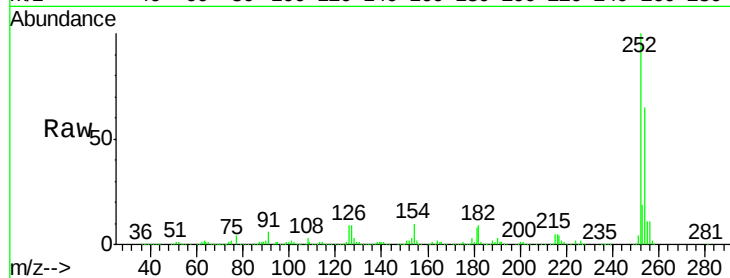




#81
 3,3'-Dichlorobenzidine
 Concen: 41.60 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

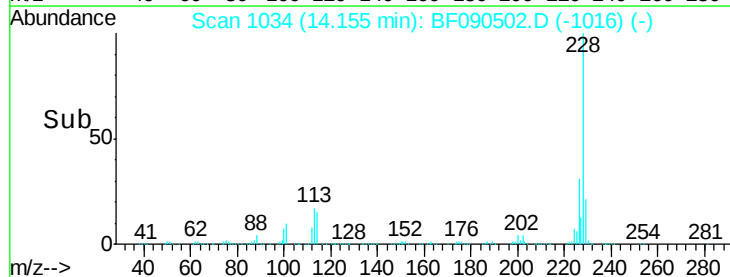
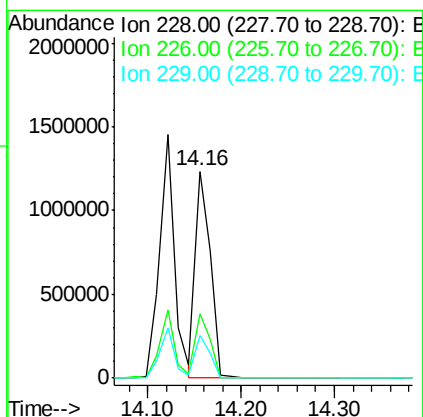
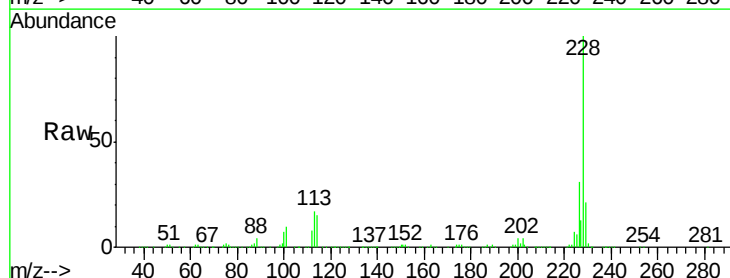
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101116

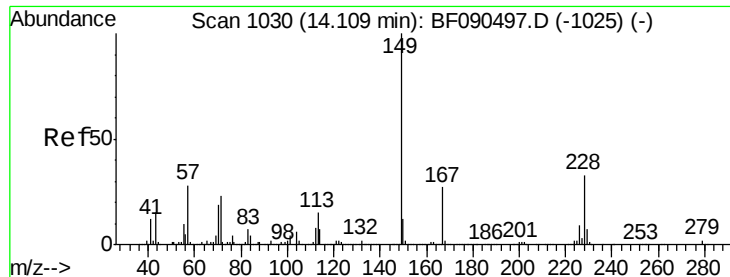
Tot Ion:252 Resp: 648471
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.1 78.1
 126 9.0 4.2 6.4#



#82
 Chrysene
 Concen: 34.45 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

Tgt Ion:228 Resp: 1389191
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.8 38.6
 229 20.5 16.9 25.3

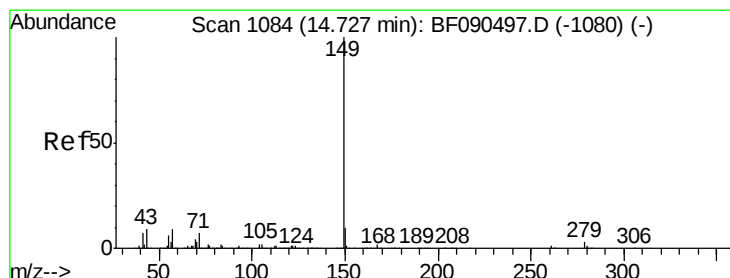
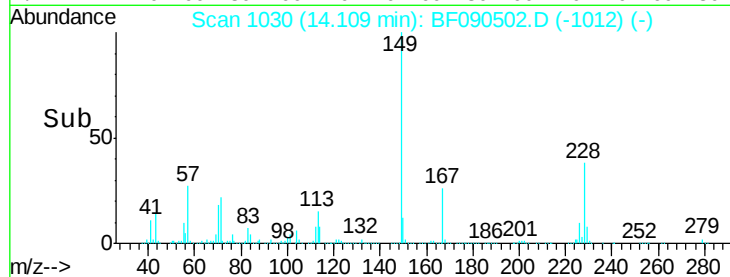
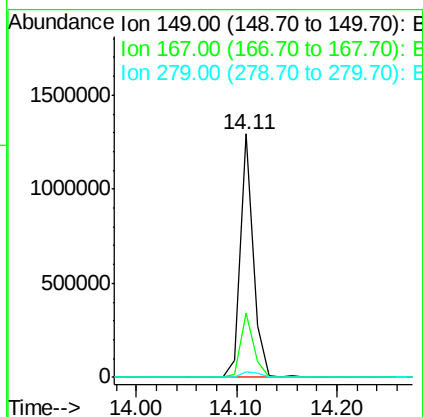
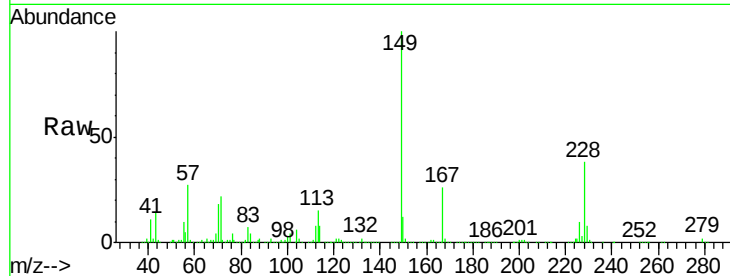




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.07 ng
 RT: 14.11 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

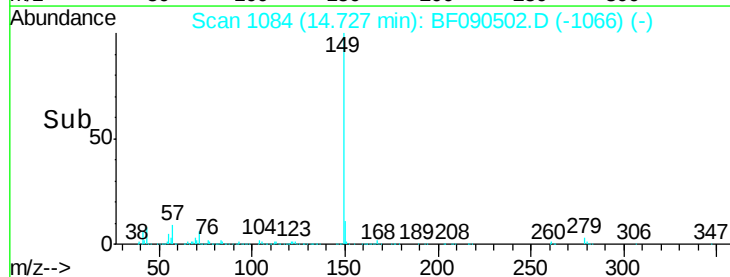
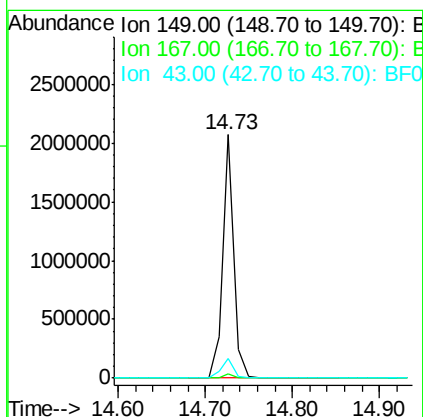
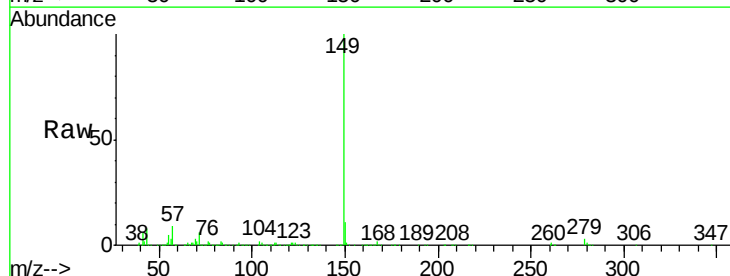
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101116

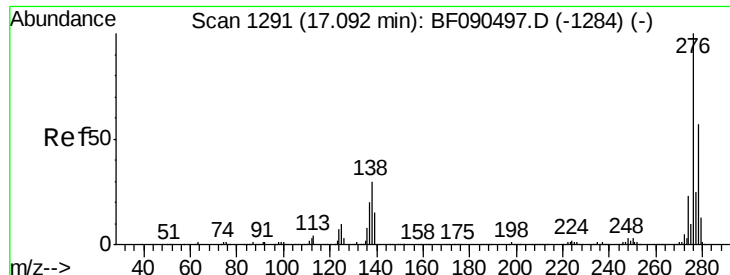
Tot Ion:149 Resp: 1152429
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.5 32.3
 279 2.4 2.6 3.8#



#84
 Di-n-octyl phthalate
 Concen: 38.48 ng
 RT: 14.73 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

Tgt Ion:149 Resp: 1852373
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 9.1 11.8 17.8#



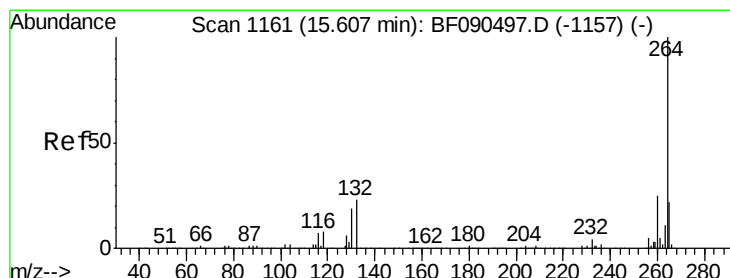
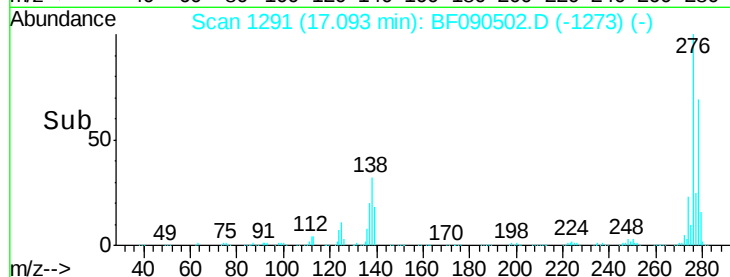
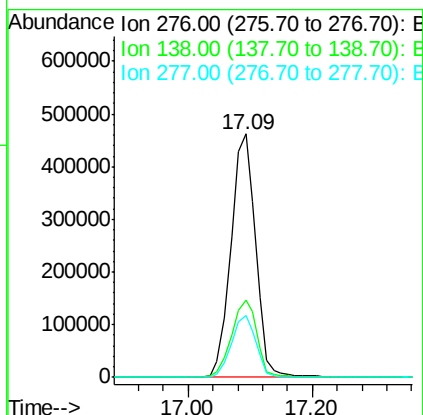
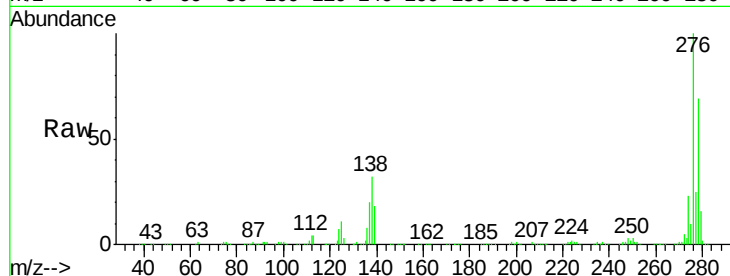


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.07 ng
 RT: 17.09 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101116

Tot Ion:276 Resp: 1278359

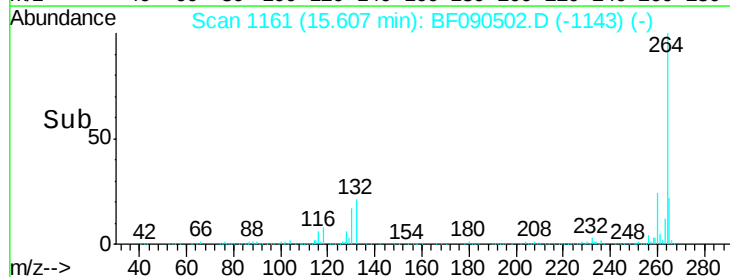
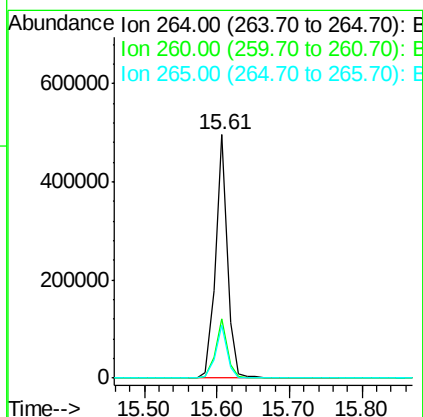
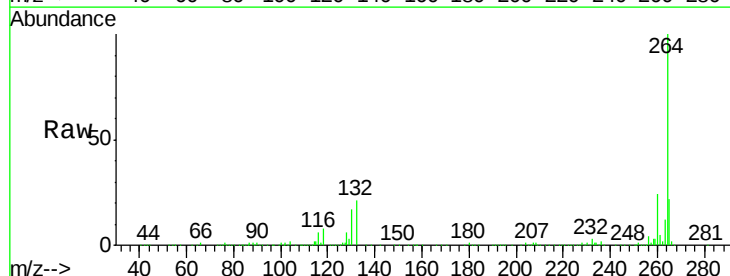
Ion	Ratio	Lower	Upper
276	100		
138	32.8	23.8	35.8
277	25.4	20.4	30.6

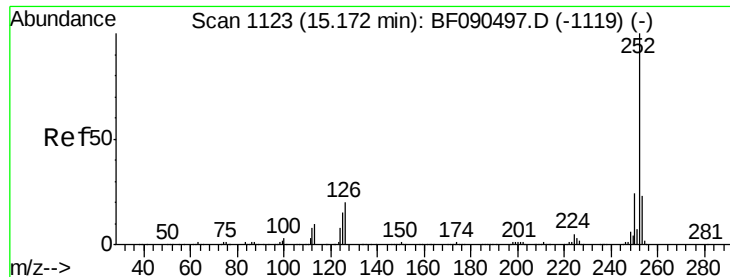


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

Tgt Ion:264 Resp: 564369

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	21.8	17.4	26.0

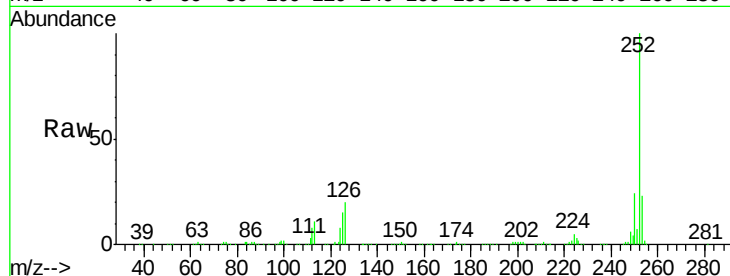




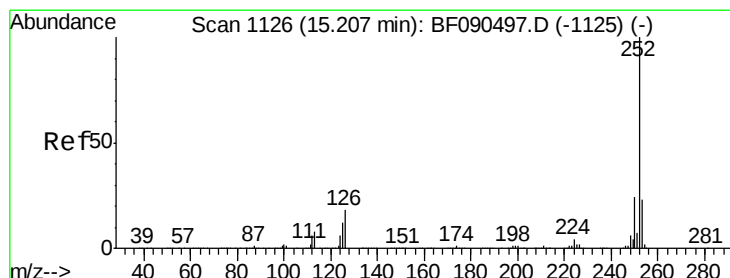
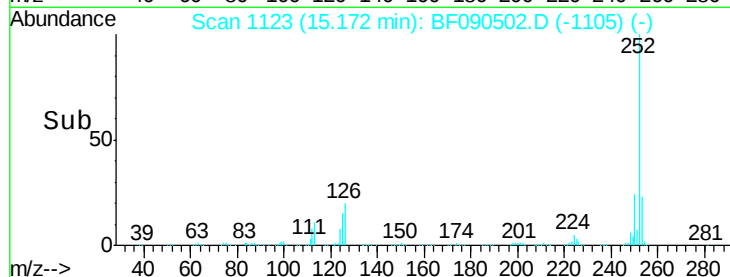
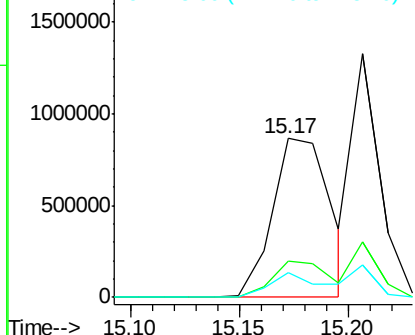
#87
Benzo(b)fluoranthene
Concen: 43.09 ng
RT: 15.17 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF090502.D
Acq: 11 Oct 2016 15:23

Instrument :
BNA_F
ClientSampleId :
ICVBF101116

Tot Ion:252 Resp: 1604502
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 15.3 7.0 10.4#

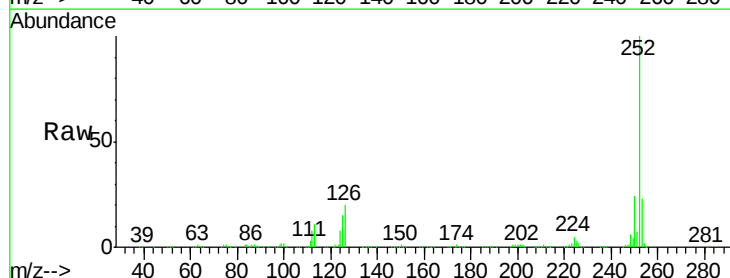


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

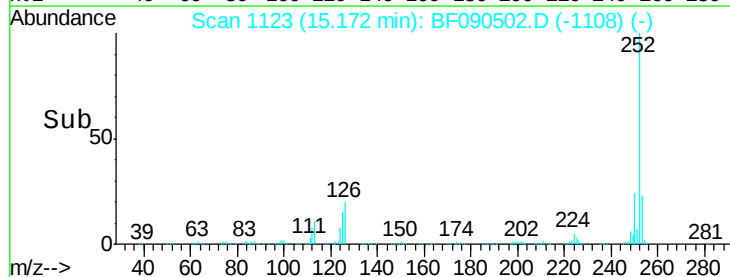
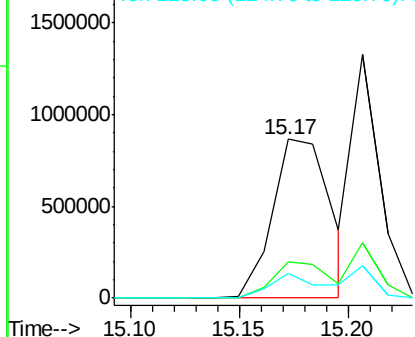


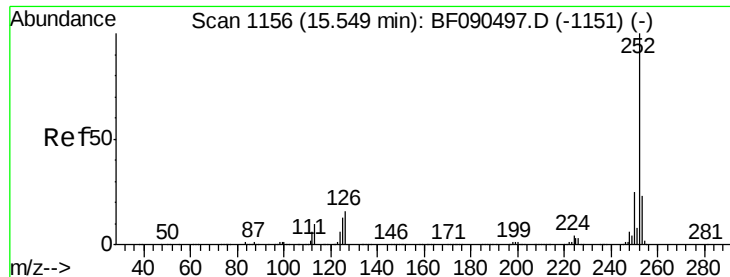
#88
Benzo(k)fluoranthene
Concen: 48.44 ng
RT: 15.17 min Scan# 1123
Delta R.T. -0.03 min
Lab File: BF090502.D
Acq: 11 Oct 2016 15:23

Tgt Ion:252 Resp: 1604502
Ion Ratio Lower Upper
252 100
253 22.7 18.6 27.8
125 15.3 11.7 17.5



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

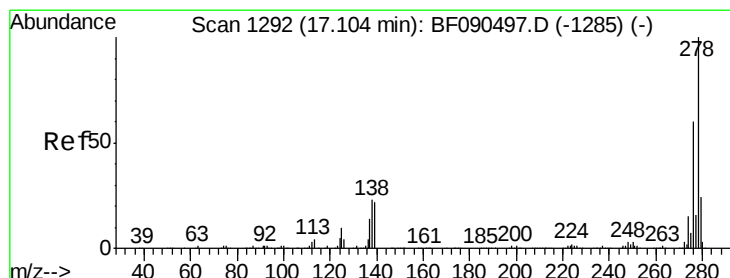
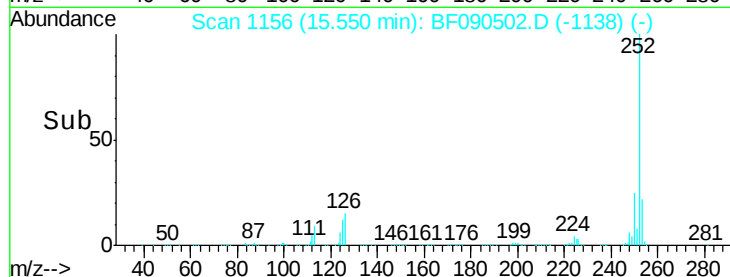
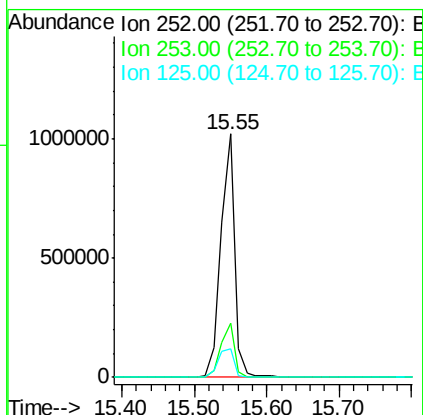
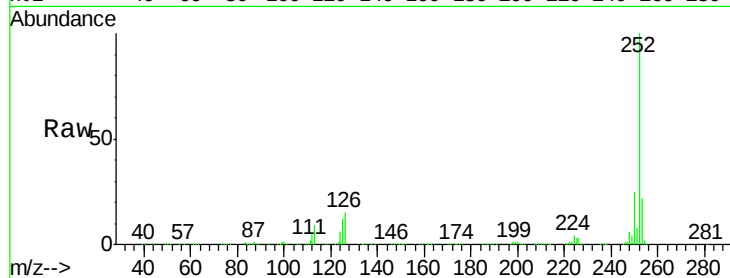




#89
Benzo(a)pyrene
Concen: 41.25 ng
RT: 15.55 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF090502.D
Acq: 11 Oct 2016 15:23

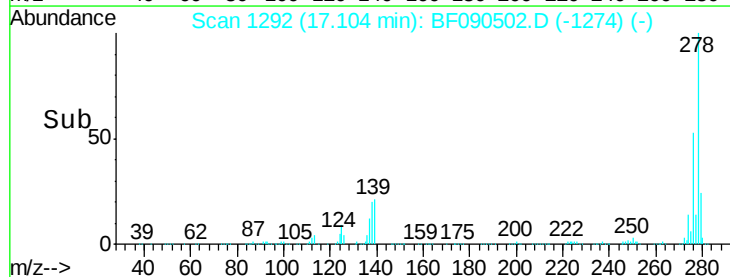
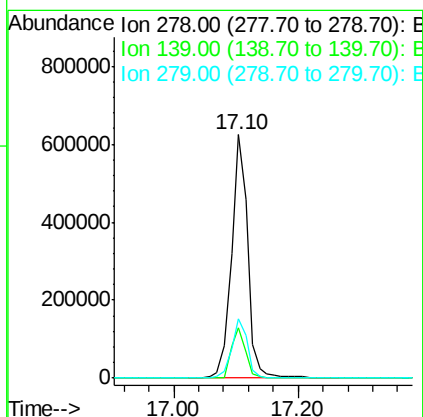
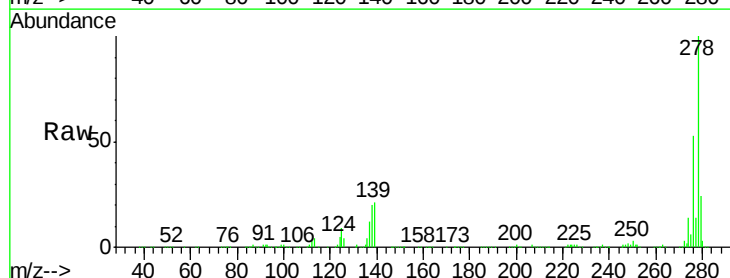
Instrument :
BNA_F
ClientSampleId :
ICVBF101116

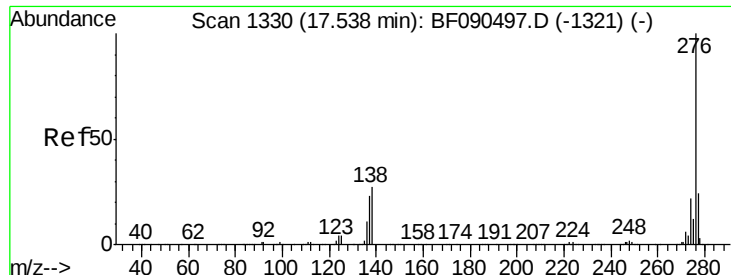
Tot Ion:252 Resp: 1348757
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 11.7 9.8 14.8



#90
Dibenzo(a,h)anthracene
Concen: 40.92 ng
RT: 17.10 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF090502.D
Acq: 11 Oct 2016 15:23

Tgt Ion:278 Resp: 1136652
Ion Ratio Lower Upper
278 100
139 20.7 12.8 19.2#
279 24.2 19.6 29.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.00 ng
 RT: 17.54 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF090502.D
 Acq: 11 Oct 2016 15:23

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101116

Tot Ion: 276 Resp: 1027502
 Ion Ratio Lower Upper
 276 100
 277 24.1 19.4 29.0
 138 25.6 20.8 31.2

