

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090494.D
 Acq On : 11 Oct 2016 10:57
 Operator : UM/SJ
 Sample : SSTDICC02.5
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 13:16:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 13:13:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	191911	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	765911	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	413249	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	686717	20.00	ng	0.00
75) Chrysene-d12	14.13	240	641721	20.00	ng	0.00
86) Perylene-d12	15.61	264	537430	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	72051	5.60	ng	-0.01
7) Phenol-d6	6.57	99	88985	5.28	ng	-0.02
23) Nitrobenzene-d5	7.50	82	80823	5.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	17527	5.22	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	133833	5.40	ng	-0.01
78) Terphenyl-d14	13.07	244	144165	5.05	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.61	88	16185	2.55	ng	# 81
3) Pyridine	3.40	79	42148	2.38	ng	# 82
4) n-Nitrosodimethylamine	3.31	42	15069	2.07	ng	# 49
6) Aniline	6.60	93	54208	2.33	ng	96
8) 2-Chlorophenol	6.73	128	35140	2.48	ng	88
9) Benzaldehyde	6.50	77	28069	3.30	ng	86
10) Phenol	6.59	94	47093	2.41	ng	84
11) bis(2-Chloroethyl)ether	6.68	93	36418	2.43	ng	91
12) 1,3-Dichlorobenzene	6.89	146	37416	2.65	ng	# 88
13) 1,4-Dichlorobenzene	6.97	146	42299	2.95	ng	97
14) 1,2-Dichlorobenzene	7.13	146	35557	2.58	ng	94
15) Benzyl Alcohol	7.08	79	31773	2.48	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.23	45	55684	2.19	ng	90
17) 2-Methylphenol	7.19	107	27906	2.40	ng	98
18) Hexachloroethane	7.47	117	14340	2.54	ng	93
19) n-Nitroso-di-n-propylamine	7.35	70	28968	2.35	ng	# 80
20) 3+4-Methylphenols	7.35	107	39848	2.65	ng	# 61
22) Acetophenone	7.35	105	54409	3.00	ng	# 93
24) Nitrobenzene	7.53	77	44364	2.84	ng	96
25) Isophorone	7.77	82	75803	2.63	ng	98
26) 2-Nitrophenol	7.85	139	16406	2.44	ng	# 76
27) 2,4-Dimethylphenol	7.88	122	30196	2.31	ng	91
28) bis(2-Chloroethoxy)methane	7.98	93	48441	2.85	ng	# 95
29) 2,4-Dichlorophenol	8.09	162	25028	2.52	ng	85
30) 1,2,4-Trichlorobenzene	8.18	180	30510	2.98	ng	97
31) Naphthalene	8.26	128	115959	3.14	ng	97
32) Benzoic acid	7.94	122	18430	2.03	ng	97
33) 4-Chloroaniline	8.30	127	46964	3.07	ng	95
34) Hexachlorobutadiene	8.38	225	17069	2.98	ng	99
35) Caprolactam	8.62	113	8381	2.51	ng	# 69
36) 4-Chloro-3-methylphenol	8.78	107	30718	2.47	ng	92
37) 2-Methylnaphthalene	8.95	142	70650	3.16	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	27345	2.51	ng	# 97
40) Hexachlorocyclopentadiene	9.11	237	8917	1.49	ng	97

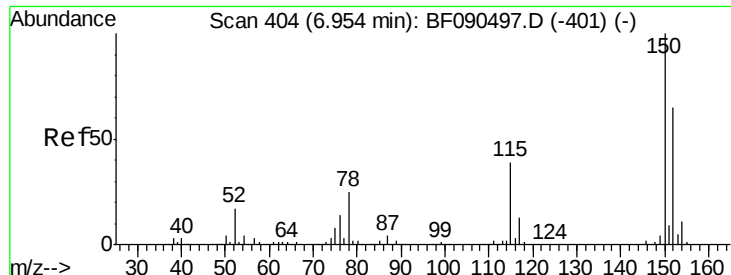
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090494.D
 Acq On : 11 Oct 2016 10:57
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 Sample : SSTDICC02.5
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 13:13:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	20561	2.73	nq	99
43) 2,4,5-Trichlorophenol	9.26	196	18650	2.62	nq	97
45) 1,1'-Biphenyl	9.41	154	86604	2.83	nq	94
46) 2-Chloronaphthalene	9.43	162	61214	2.71	nq	97
47) 2-Nitroaniline	9.53	65	21543	2.41	nq	# 87
48) Acenaphthylene	9.86	152	101200	2.71	nq	95
49) Dimethylphthalate	9.71	163	79503	3.00	nq	97
50) 2,6-Dinitrotoluene	9.77	165	14210	2.42	nq	93
51) Acenaphthene	10.03	154	69242	2.97	nq	98
52) 3-Nitroaniline	9.94	138	20090	2.93	nq	92
53) 2,4-Dinitrophenol	10.04	184	3695	1.41	nq	# 50
54) Dibenzofuran	10.20	168	93238	3.09	nq	98
55) 4-Nitrophenol	10.10	139	11710	1.95	nq	# 68
56) 2,4-Dinitrotoluene	10.17	165	17333	2.22	nq	# 13
57) Fluorene	10.54	166	73715	2.91	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.31	232	14265	2.69	nq	# 78
59) Diethylphthalate	10.41	149	73255	2.68	nq	# 88
60) 4-Chlorophenyl-phenylether	10.53	204	30142	2.62	nq	# 85
61) 4-Nitroaniline	10.54	138	19505	2.82	nq	92
62) Azobenzene	10.69	77	87201	2.76	nq	88
64) 4,6-Dinitro-2-methylphenol	10.58	198	6909	1.66	nq	# 78
65) n-Nitrosodiphenylamine	10.65	169	59168	2.57	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	17286	2.57	nq	# 82
67) Hexachlorobenzene	11.09	284	21165	2.82	nq	# 91
68) Atrazine	11.17	200	18519	3.26	nq	99
69) Pentachlorophenol	11.29	266	7822	1.75	nq	97
70) Phenanthrene	11.50	178	107690	3.06	nq	95
71) Anthracene	11.56	178	102882	2.87	nq	94
72) Carbazole	11.71	167	101148	3.03	nq	96
73) Di-n-butylphthalate	12.04	149	109982	2.71	nq	98
74) Fluoranthene	12.69	202	101484	2.94	nq	98
76) Benzidine	12.82	184	49844	2.95	nq	98
77) Pyrene	12.92	202	104418	2.44	nq	96
79) Butylbenzylphthalate	13.55	149	47050	2.14	nq	94
80) Benzo(a)anthracene	14.12	228	100770	2.80	nq	96
81) 3,3'-Dichlorobenzidine	14.08	252	33284	2.55	nq	# 95
82) Chrysene	14.16	228	91203	2.75	nq	94
83) Bis(2-ethylhexyl)phthalate	14.11	149	73888	2.37	nq	# 94
84) Di-n-octyl phthalate	14.73	149	104953	2.27	nq	# 90
85) Indeno(1,2,3-cd)pyrene	17.07	276	68754	2.91	nq	97
87) Benzo(b)fluoranthene	15.16	252	90980	2.66	nq	# 93
88) Benzo(k)fluoranthene	15.16	252	90980	2.83	nq	97
89) Benzo(a)pyrene	15.54	252	72650	2.46	nq	98
90) Dibenzo(a,h)anthracene	17.09	278	59697	2.38	nq	97
91) Benzo(g,h,i)perylene	17.50	276	57203	2.37	nq	# 94

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

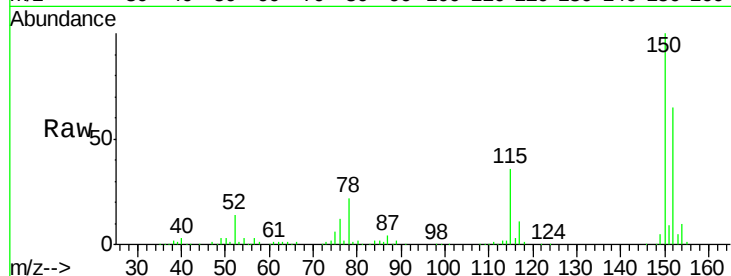


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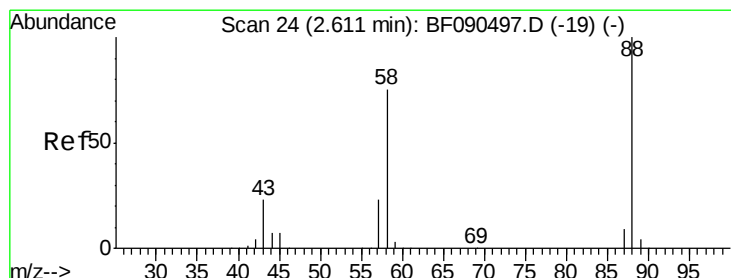
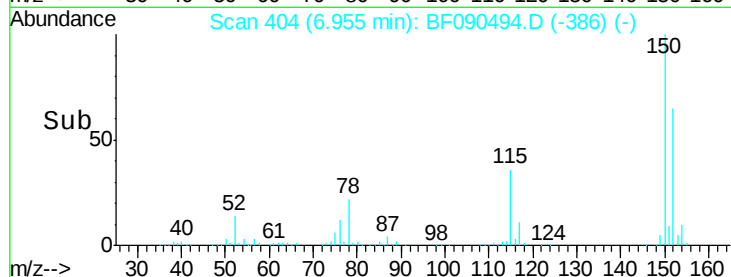
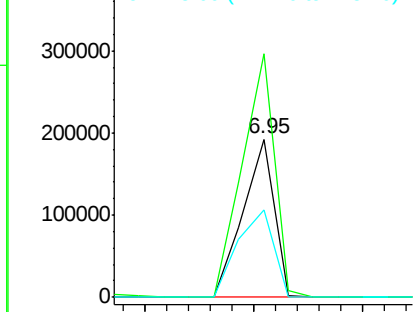
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 191911
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 55.3 46.2 69.4



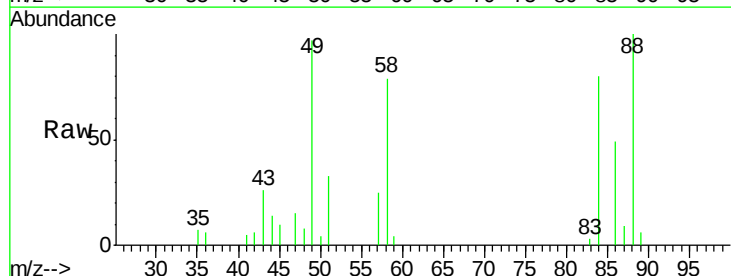
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



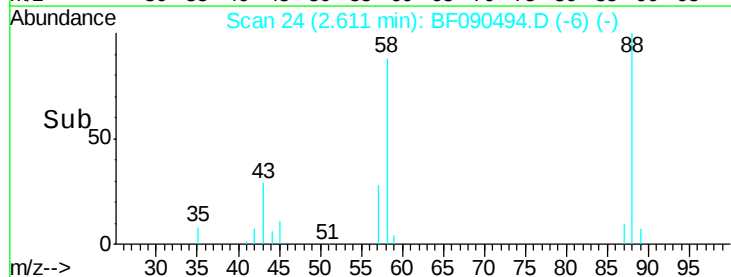
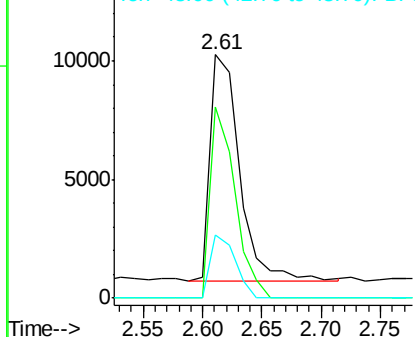
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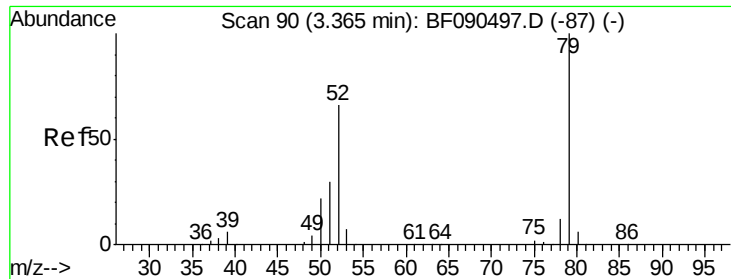
1,4-Dioxane
Concen: 2.55 ng
RT: 2.61 min Scan# 24
Delta R.T. 0.00 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

Tgt Ion: 88 Resp: 16185
Ion Ratio Lower Upper
88 100
58 71.9 71.2 106.8
43 23.9 29.8 44.6#



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





#3

Pvridine

Concen: 2.38 ng

RT: 3.40 min Scan# 93

Delta R.T. 0.03 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

Instrument :

BNA_F

ClientSampleId :

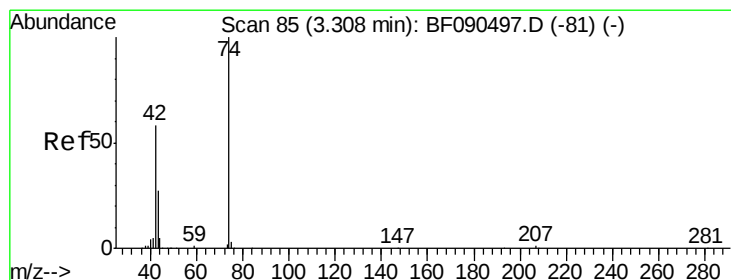
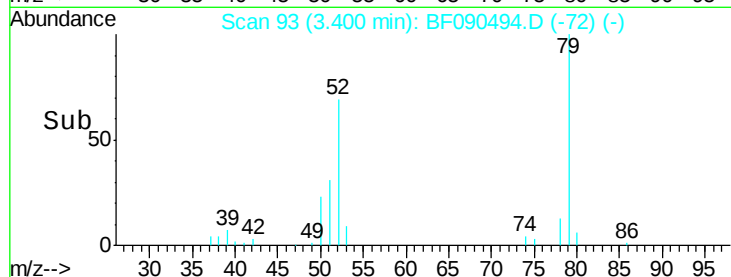
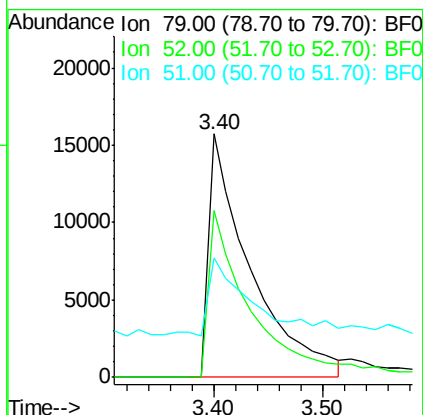
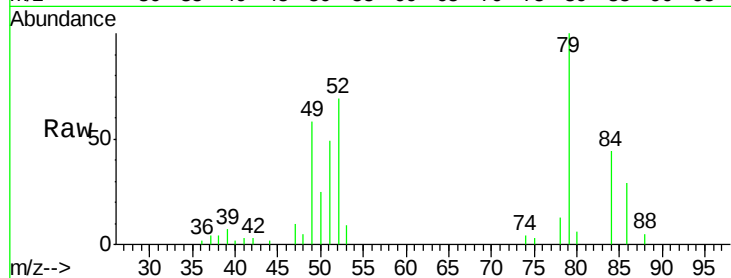
Tot Ion: 79 Resp: 42148

Ion Ratio Lower Upper

79 100

52 68.6 71.3 106.9#

51 49.2 34.5 51.7



#4

n-Nitrosodimethylamine

Concen: 2.07 ng

RT: 3.31 min Scan# 85

Delta R.T. 0.00 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

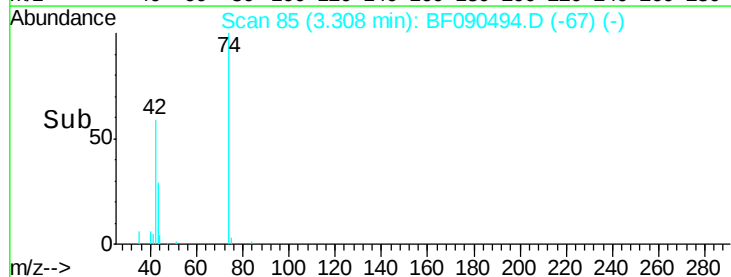
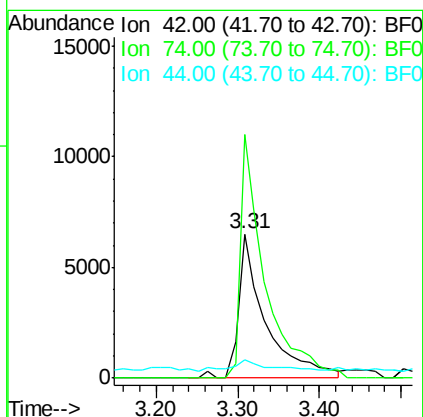
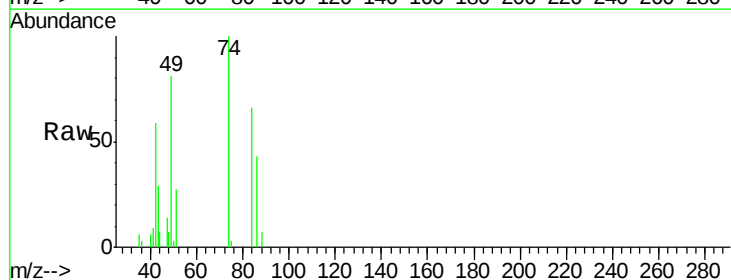
Tgt Ion: 42 Resp: 15069

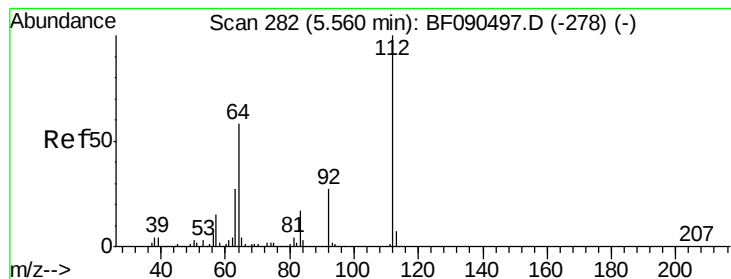
Ion Ratio Lower Upper

42 100

74 168.7 88.9 133.3#

44 12.5 6.5 9.7#





#5

2-Fluorophenol

Concen: 5.60 ng

RT: 5.55 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

Instrument :

BNA_F

ClientSampleId :

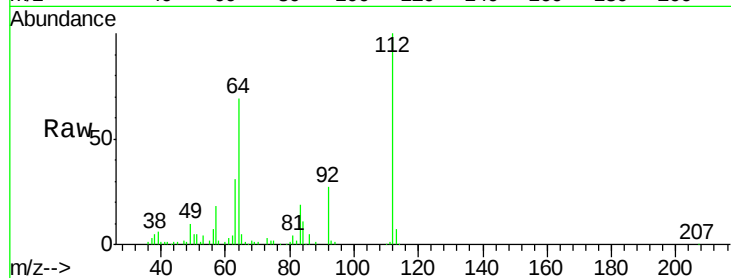
Tot Ion:112 Resp: 72051

Ion Ratio Lower Upper

112 100

64 68.7 57.9 86.9

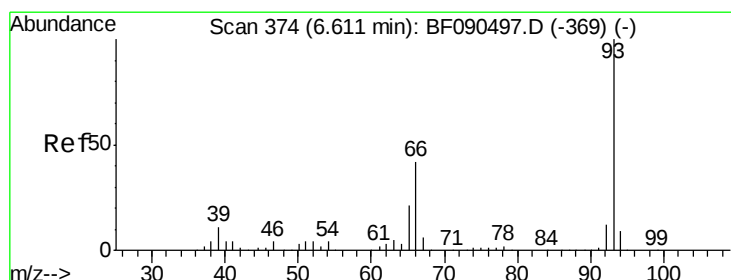
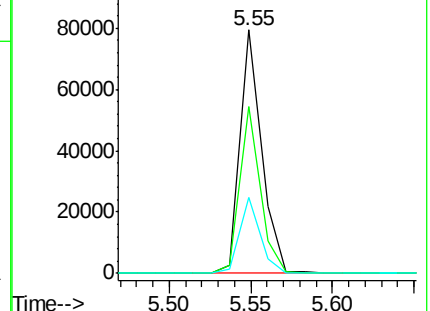
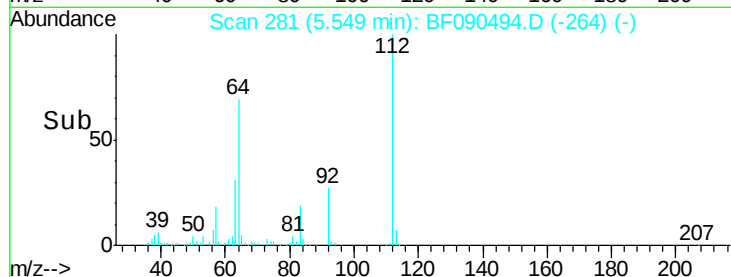
63 31.1 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 2.33 ng

RT: 6.60 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

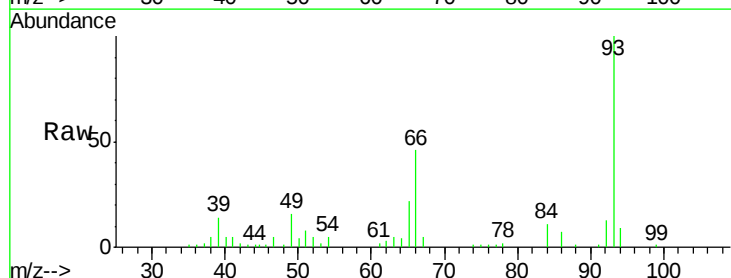
Tgt Ion: 93 Resp: 54208

Ion Ratio Lower Upper

93 100

66 46.5 34.5 51.7

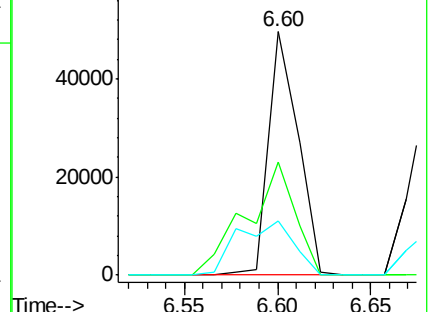
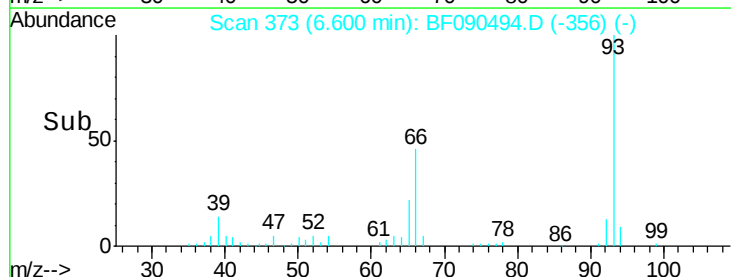
65 22.1 18.2 27.2

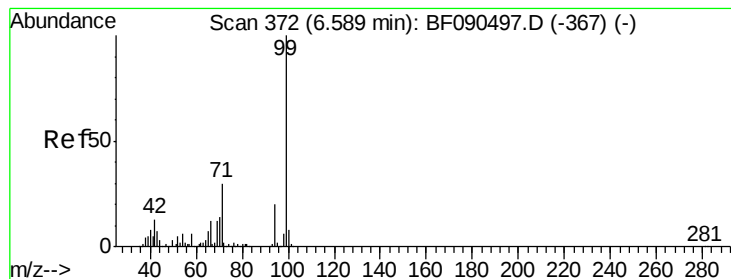


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 5.28 ng

RT: 6.57 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

Instrument :

BNA_F

ClientSampleId :

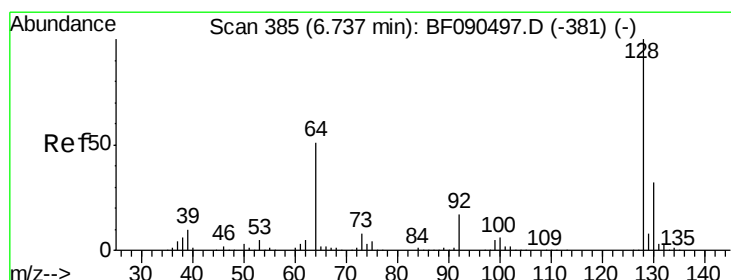
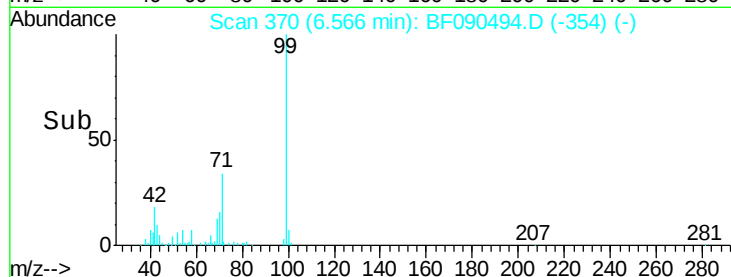
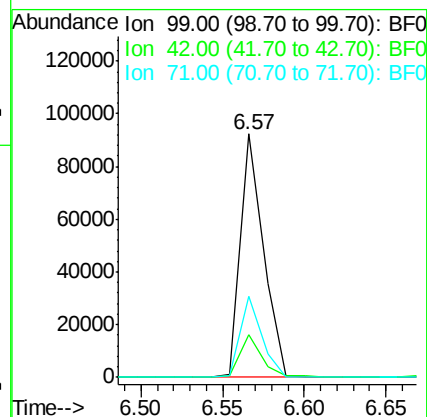
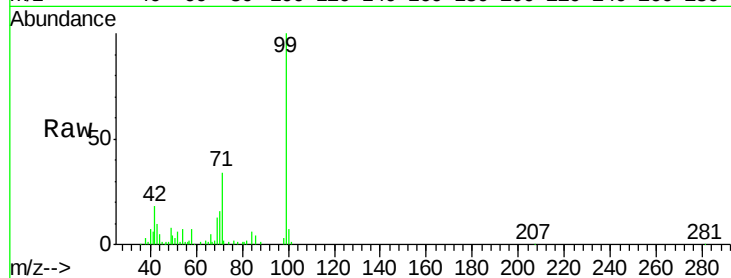
Tot Ion: 99 Resp: 88985

Ion Ratio Lower Upper

99 100

42 17.8 20.0 30.0#

71 33.5 27.9 41.9



#8

2-Chlorophenol

Concen: 2.48 ng

RT: 6.73 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

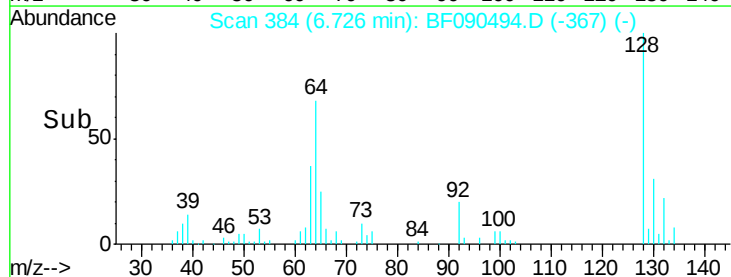
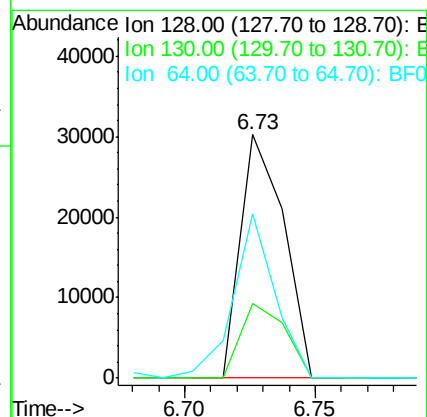
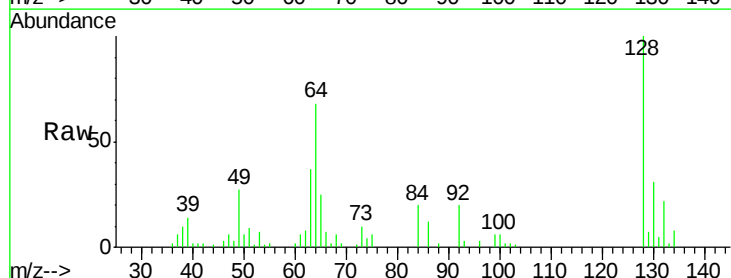
Tgt Ion: 128 Resp: 35140

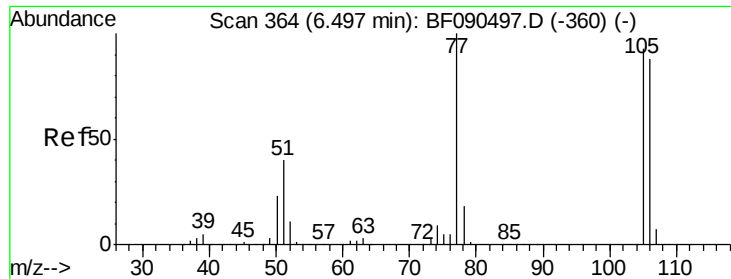
Ion Ratio Lower Upper

128 100

130 30.5 13.3 53.3

64 67.5 36.0 76.0

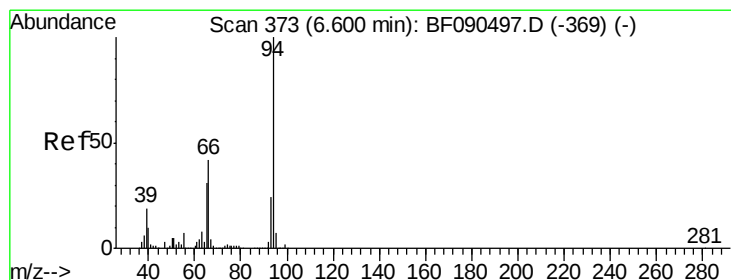
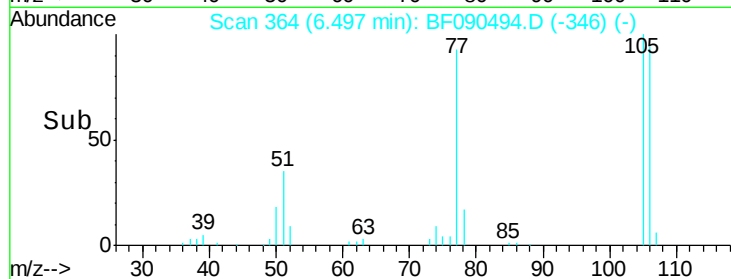
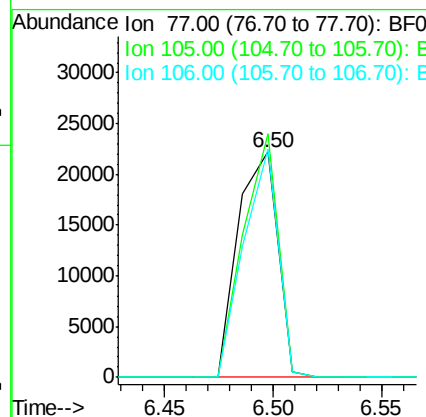
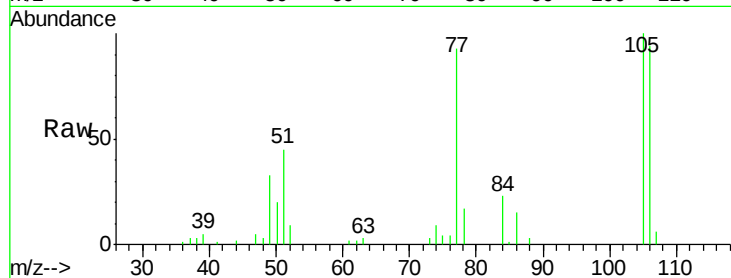




#9
Benzaldehyde
Concen: 3.30 ng
RT: 6.50 min Scan# 364
Delta R.T. 0.00 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

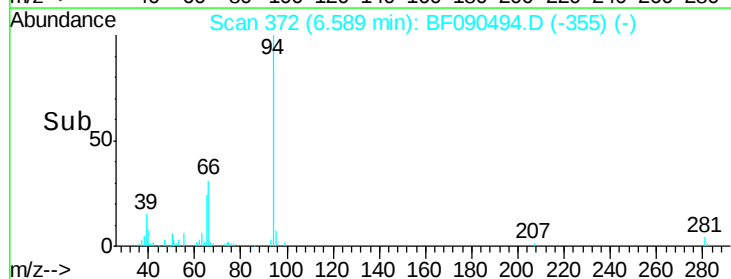
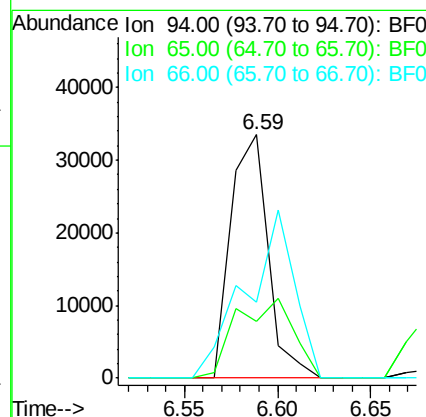
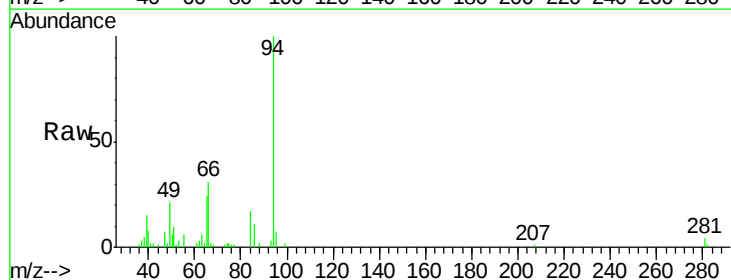
Instrument :
BNA_F
ClientSampleId :

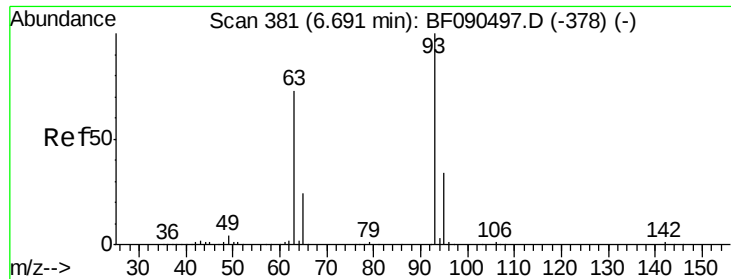
Tot Ion: 77 Resp: 28069
Ion Ratio Lower Upper
77 100
105 108.0 73.1 113.1
106 101.5 70.2 110.2



#10
Phenol
Concen: 2.41 ng
RT: 6.59 min Scan# 372
Delta R.T. -0.01 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

Tgt Ion: 94 Resp: 47093
Ion Ratio Lower Upper
94 100
65 23.6 13.3 53.3
66 31.1 20.4 60.4





#11

bis(2-Chloroethyl)ether

Concen: 2.43 ng

RT: 6.68 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

Instrument :

BNA_F

ClientSampleId :

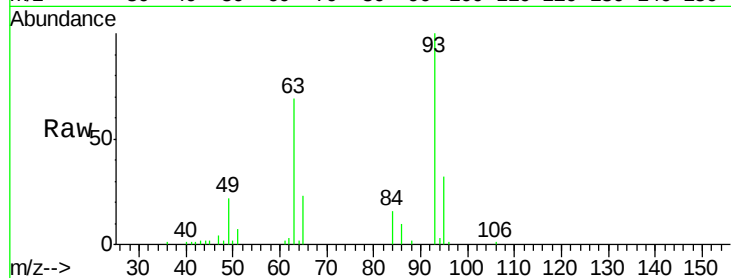
Tot Ion: 93 Resp: 36418

Ion Ratio Lower Upper

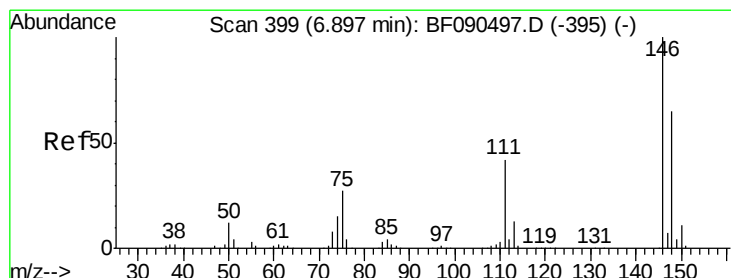
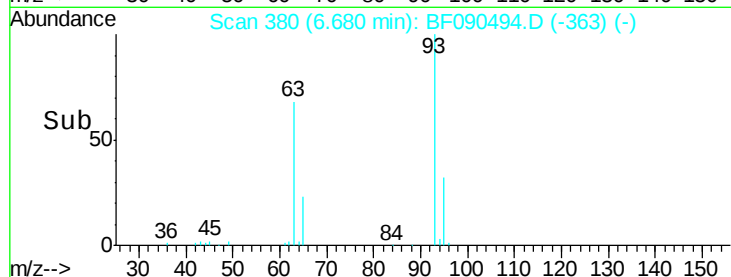
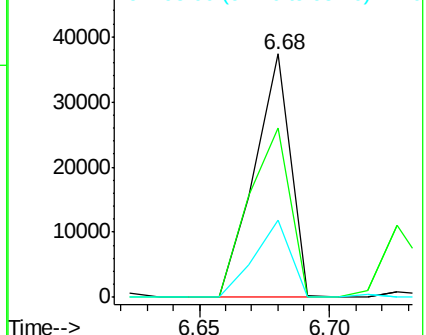
93 100

63 69.4 59.7 99.7

95 32.0 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: 2.65 ng

RT: 6.89 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

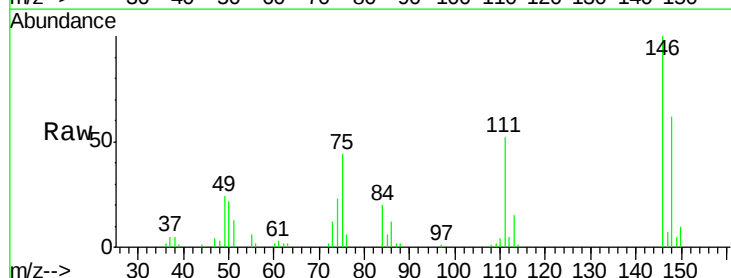
Tgt Ion: 146 Resp: 37416

Ion Ratio Lower Upper

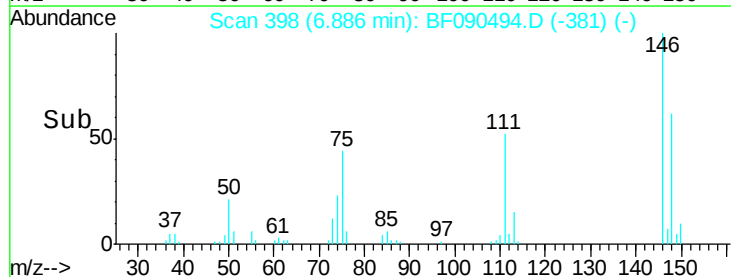
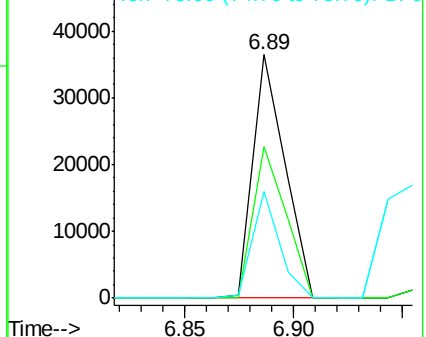
146 100

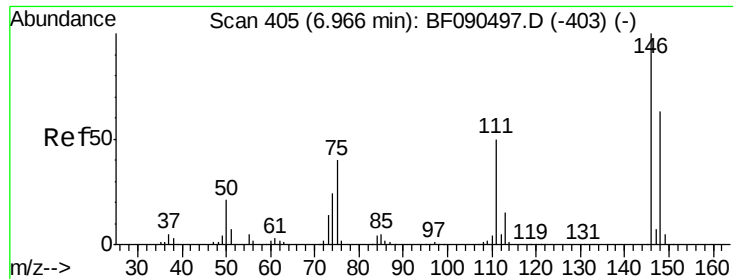
148 62.3 52.2 78.4

75 44.0 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

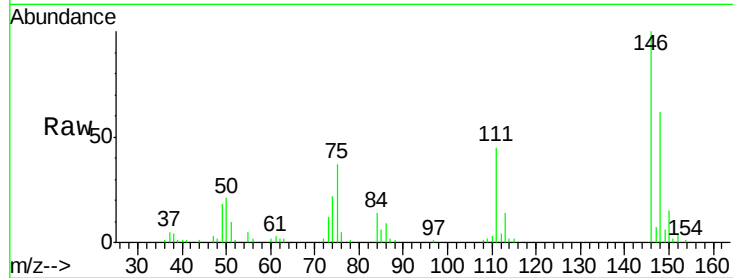




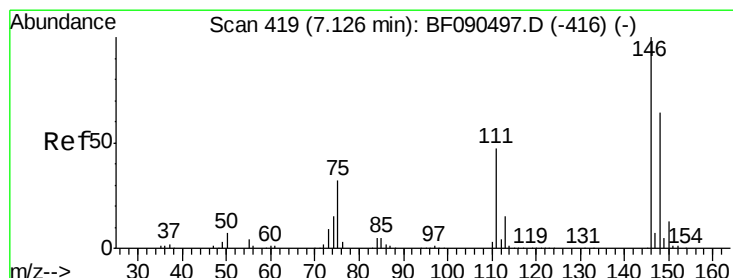
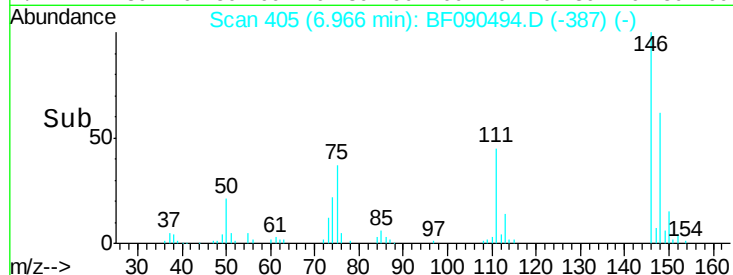
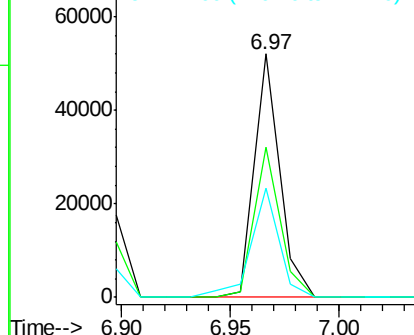
#13
 1,4-Dichlorobenzene
 Concen: 2.95 ng
 RT: 6.97 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 42299
 Ion Ratio Lower Upper
 146 100
 148 61.6 51.1 76.7
 111 45.1 37.8 56.6

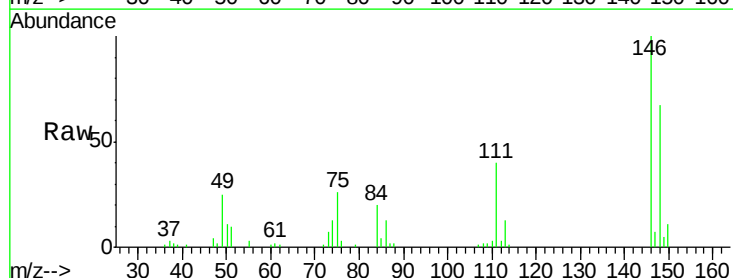


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

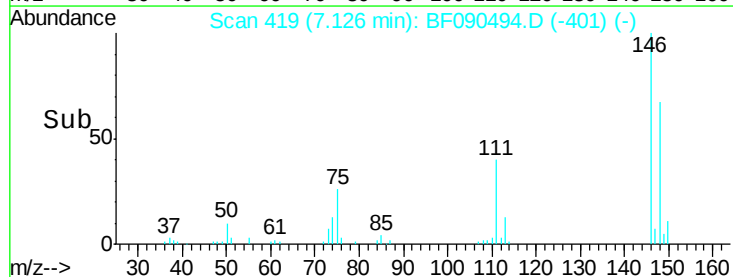
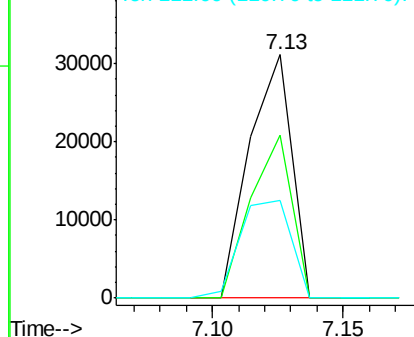


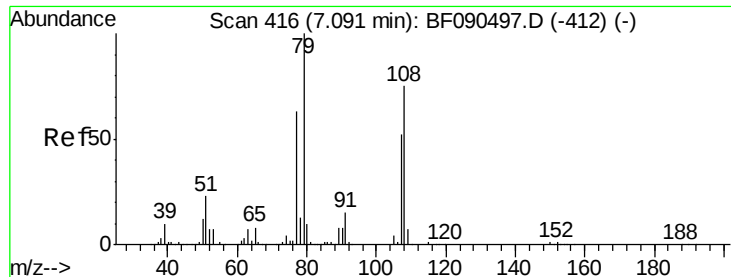
#14
 1,2-Dichlorobenzene
 Concen: 2.58 ng
 RT: 7.13 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Tgt Ion:146 Resp: 35557
 Ion Ratio Lower Upper
 146 100
 148 66.8 52.3 78.5
 111 39.9 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 2.48 ng

RT: 7.08 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

Instrument :

BNA_F

ClientSampled :

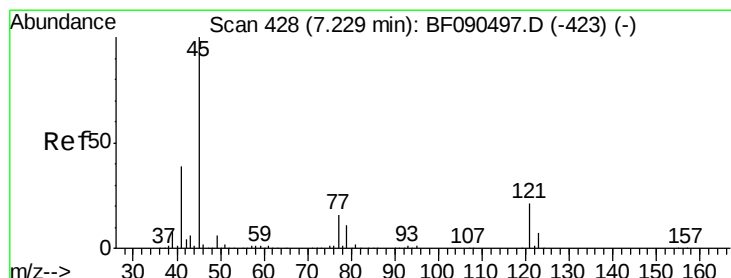
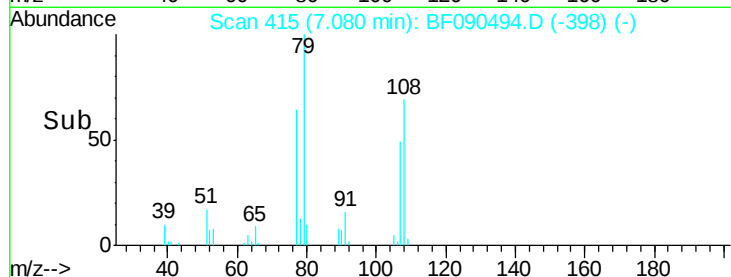
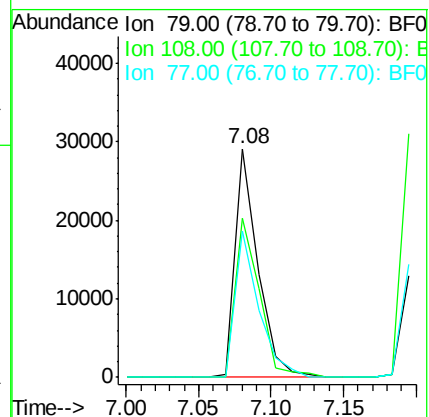
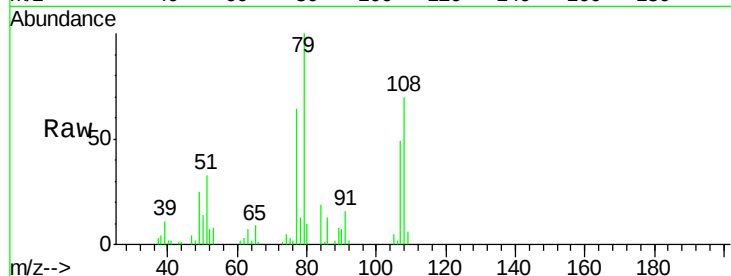
Tot Ion: 79 Resp: 31773

Ion Ratio Lower Upper

79 100

108 69.8 60.9 91.3

77 64.2 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 2.19 ng

RT: 7.23 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

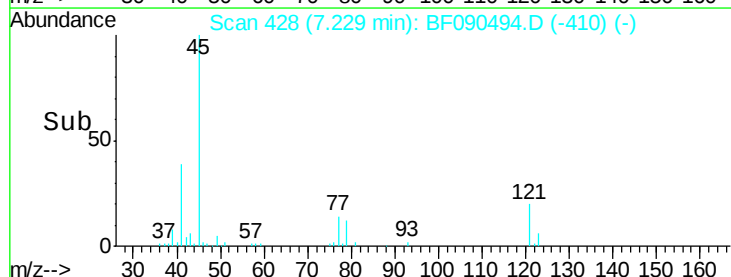
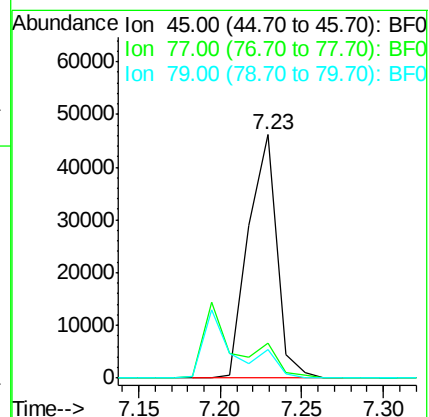
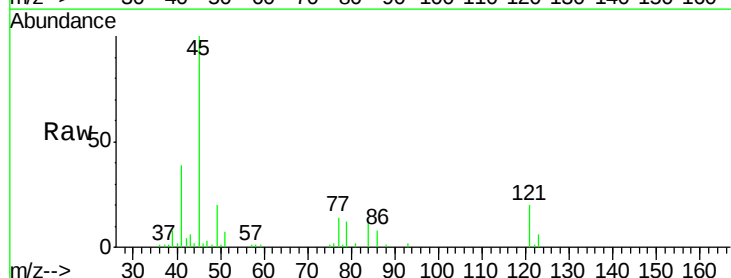
Tgt Ion: 45 Resp: 55684

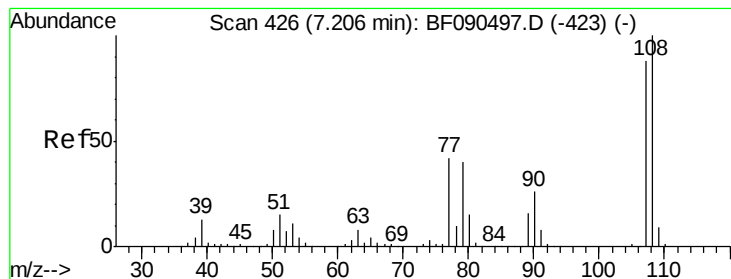
Ion Ratio Lower Upper

45 100

77 14.3 0.0 30.8

79 11.9 0.0 28.2





#17

2-Methylphenol

Concen: 2.40 ng

RT: 7.19 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 27906

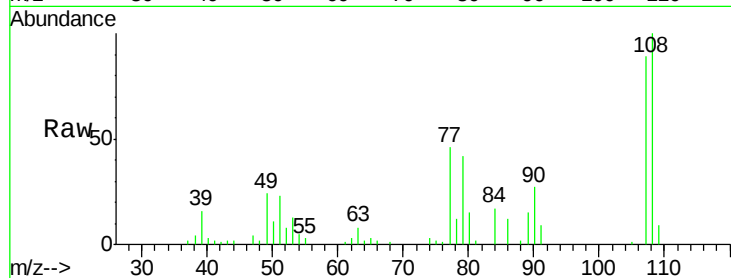
Ion Ratio Lower Upper

107 100

108 112.6 90.9 136.3

77 52.2 38.2 57.4

79 47.1 37.0 55.4

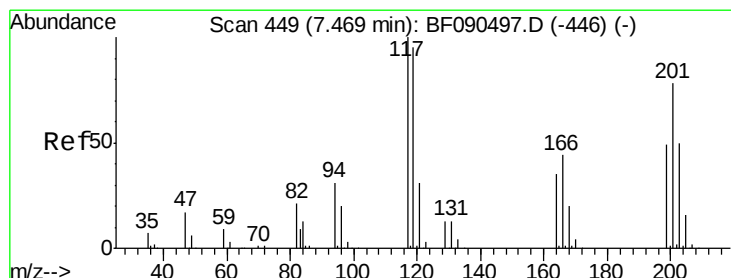
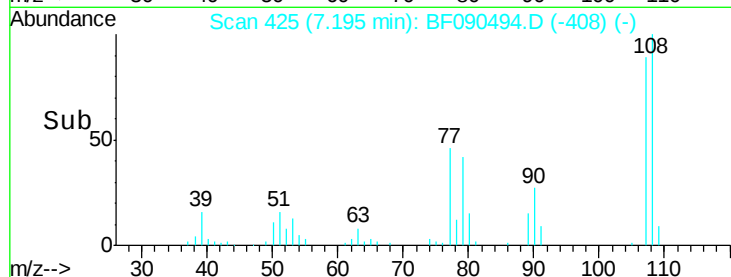
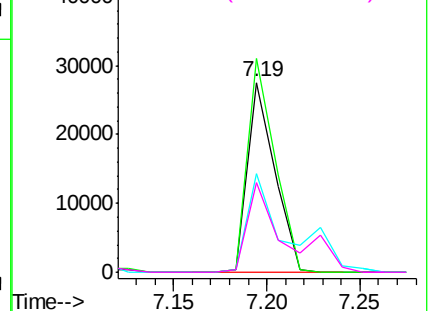


Abundance Ion 107.00 (106.70 to 107.70): E

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: 2.54 ng

RT: 7.47 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

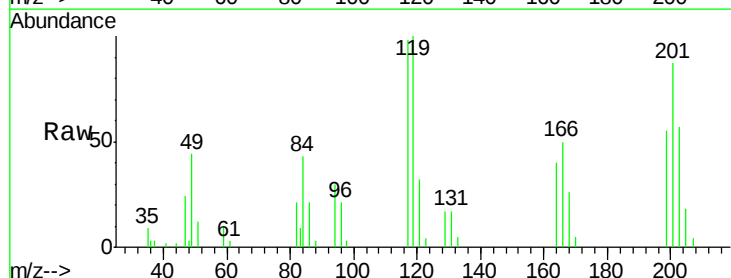
Tgt Ion:117 Resp: 14340

Ion Ratio Lower Upper

117 100

119 102.2 75.9 113.9

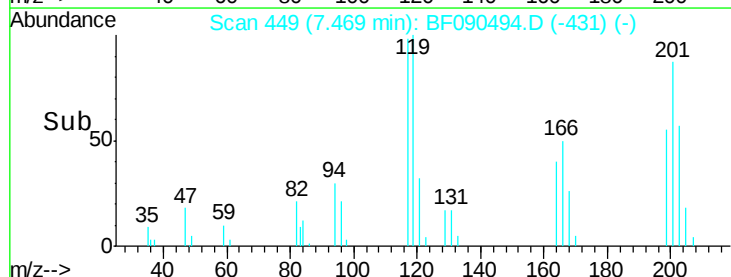
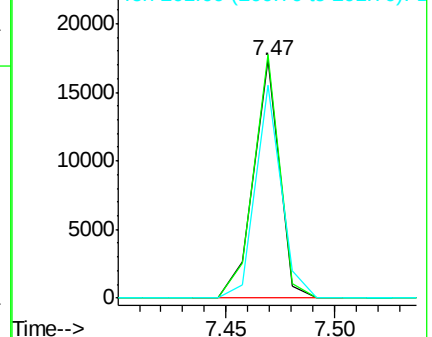
201 89.1 66.5 99.7

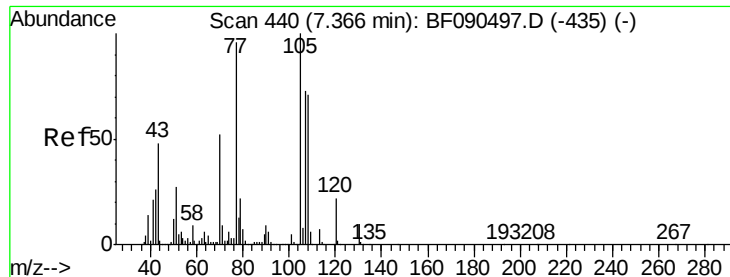


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

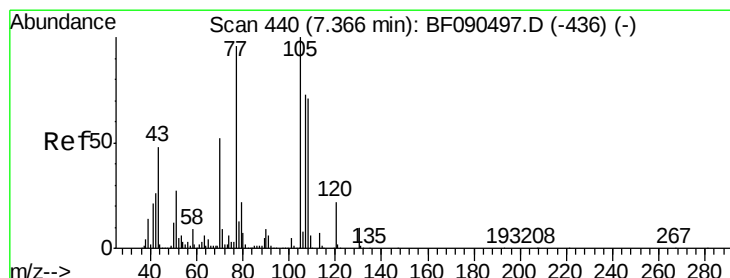
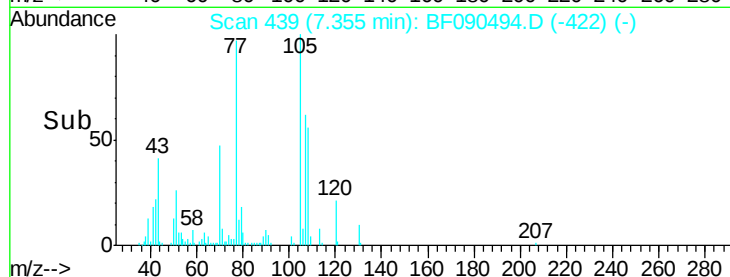
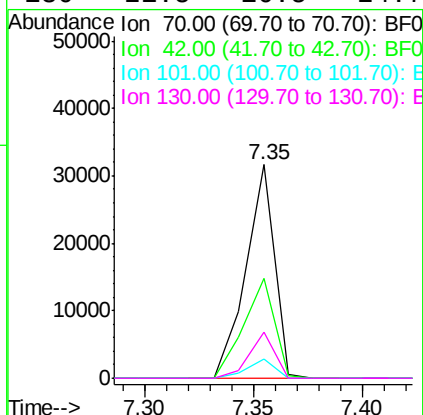
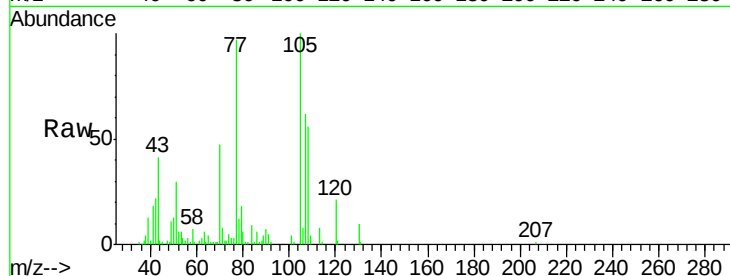




#19
n-Nitroso-di-n-propylamine
Concen: 2.35 ng
RT: 7.35 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

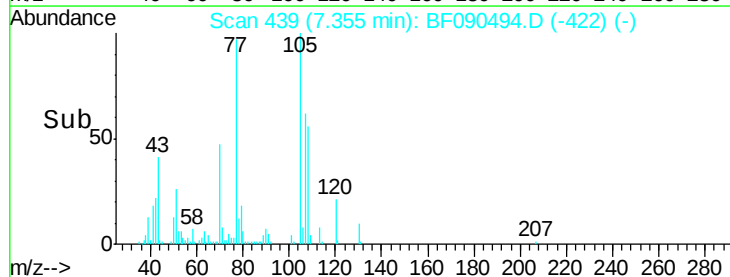
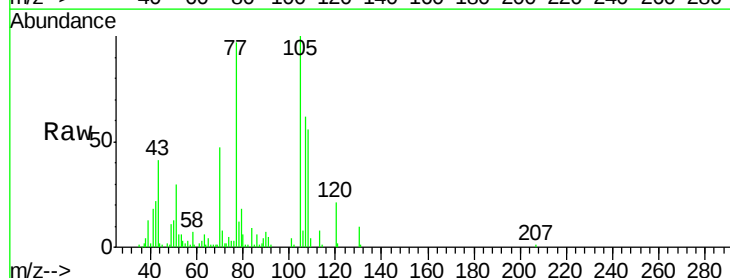
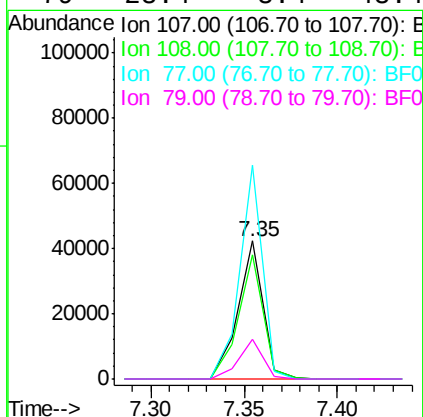
Instrument :
BNA_F
ClientSampled :

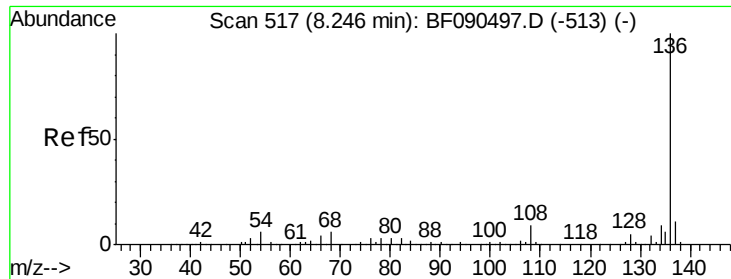
Tot Ion	70	Resp	28968
Ion Ratio	Lower	Upper	
70	100		
42	47.0	55.4	83.2#
101	8.9	7.6	11.4
130	21.5	16.5	24.7



#20
3+4-Methylphenols
Concen: 2.65 ng
RT: 7.35 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

Tgt Ion	107	Resp	39848
Ion Ratio	Lower	Upper	
107	100		
108	90.4	66.7	106.7
77	155.0	53.7	93.7#
79	28.4	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF090494.D

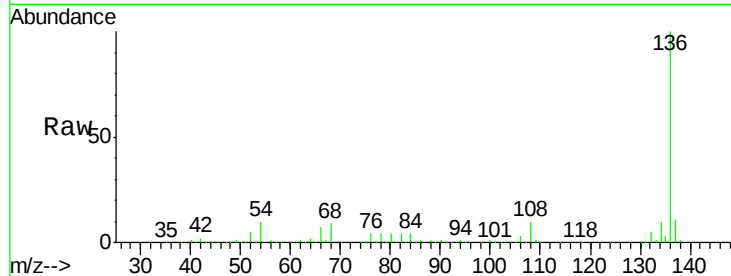
Acq: 11 Oct 2016 10:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	765911
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.0 13.6
54	10.5	6.6 10.0#
68	9.1	5.0 7.6#

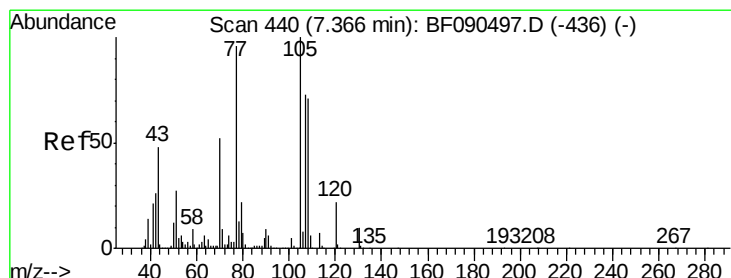
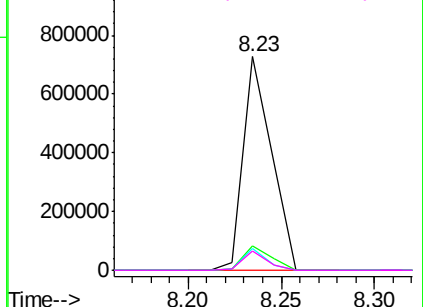
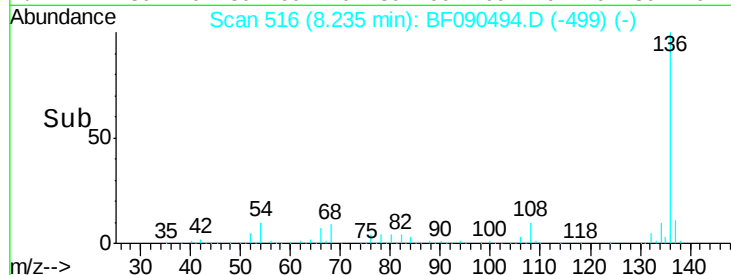


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.00 ng

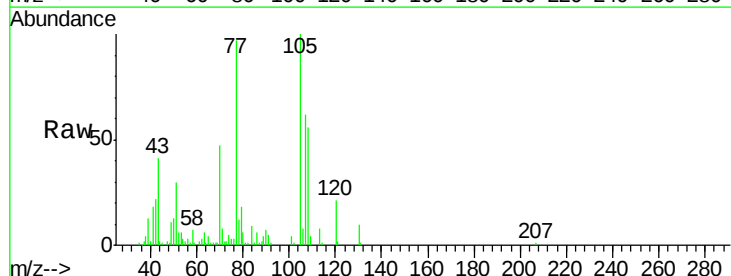
RT: 7.35 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

Tgt Ion:105	Resp:	54409
Ion Ratio	Lower	Upper
105	100	
71	7.7	3.8 5.6#
51	29.8	28.2 42.4
120	21.2	17.4 26.2

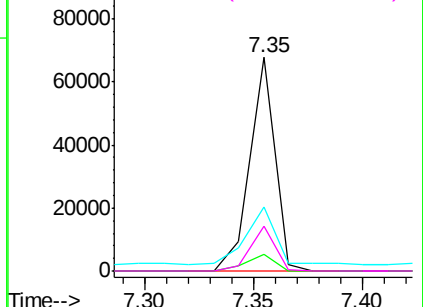
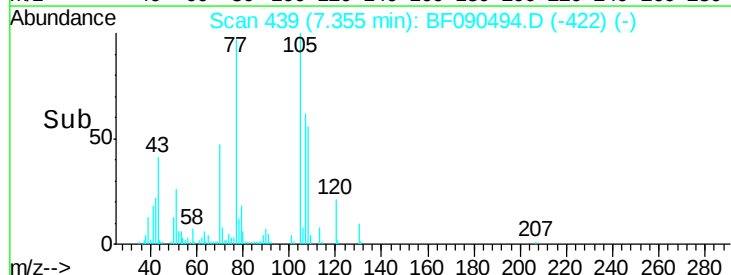


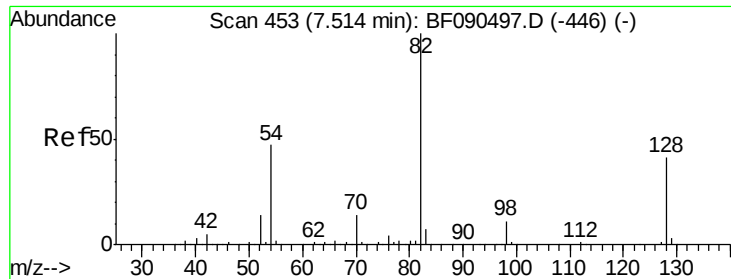
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

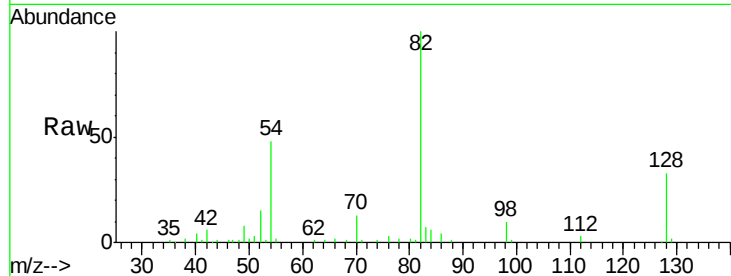




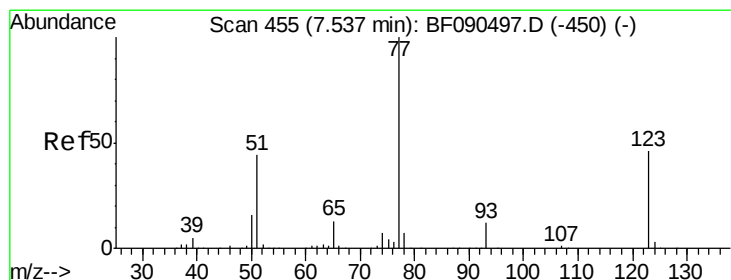
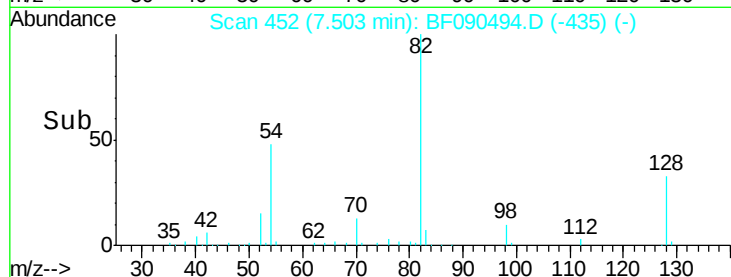
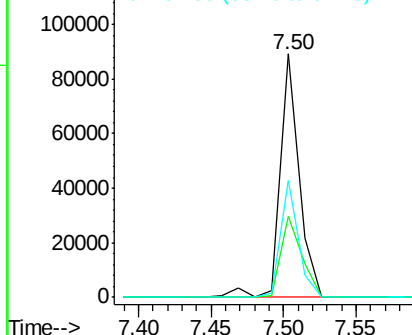
#23
 Nitrobenzene-d5
 Concen: 5.13 ng
 RT: 7.50 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	80823
Ion Ratio	Lower	Upper	
82	100		
128	33.1	40.0	60.0#
54	48.2	42.6	64.0

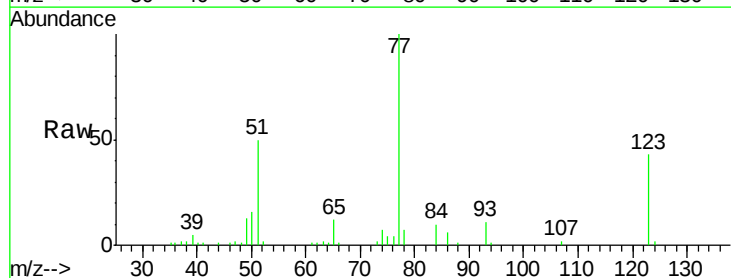


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

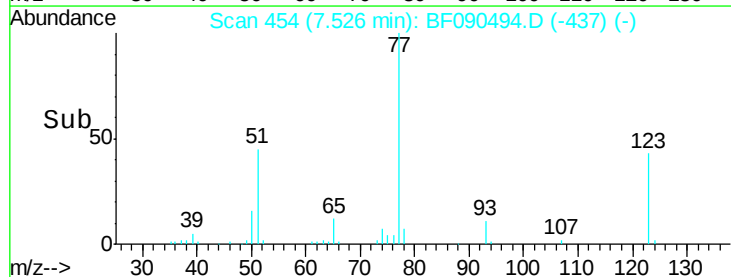
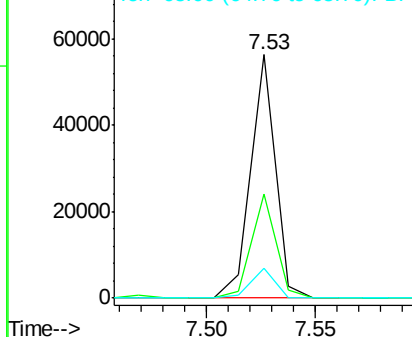


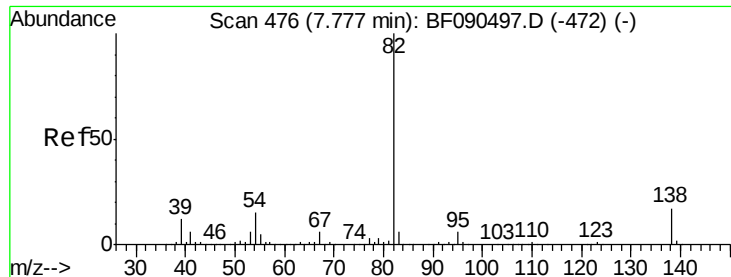
#24
 Nitrobenzene
 Concen: 2.84 ng
 RT: 7.53 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Tgt Ion	77	Resp	44364
Ion Ratio	Lower	Upper	
77	100		
123	43.0	33.0	49.4
65	12.4	12.0	18.0



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





#25

Isophorone

Concen: 2.63 ng

RT: 7.77 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

Instrument :
BNA_F
ClientSampleId :

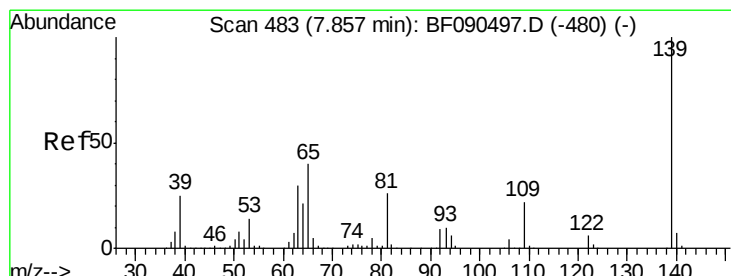
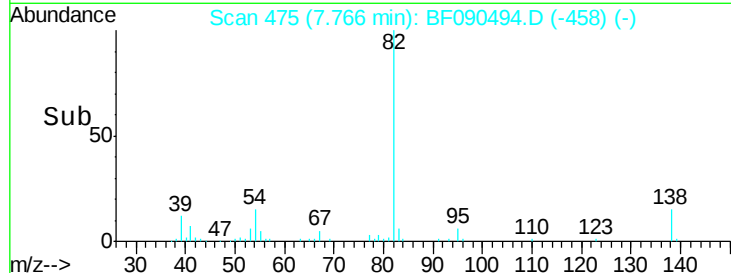
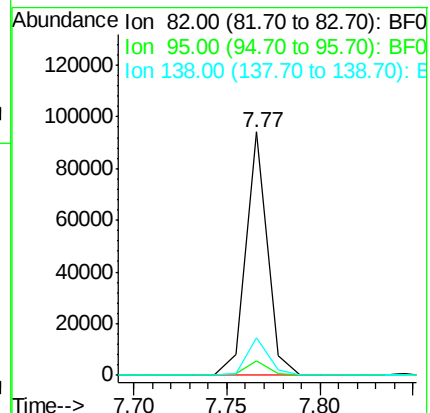
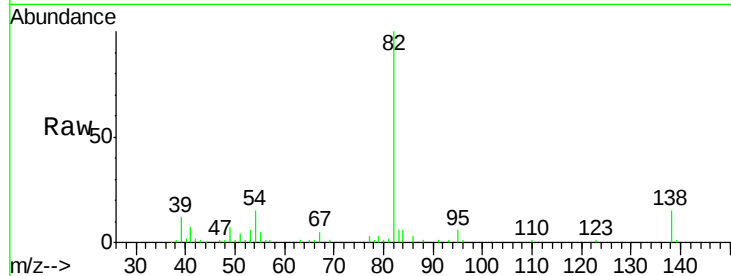
Tot Ion: 82 Resp: 75803

Ion Ratio Lower Upper

82 100

95 6.1 5.2 7.8

138 15.2 13.0 19.4



#26

2-Nitrophenol

Concen: 2.44 ng

RT: 7.85 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

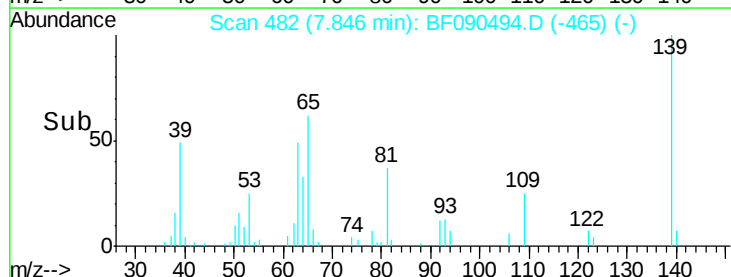
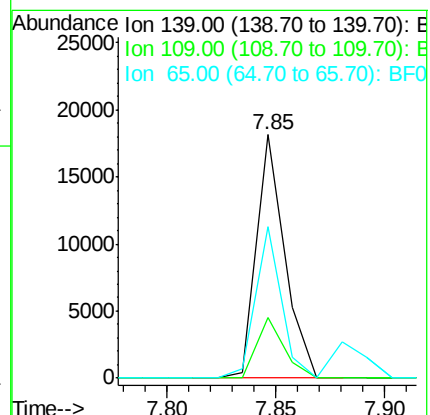
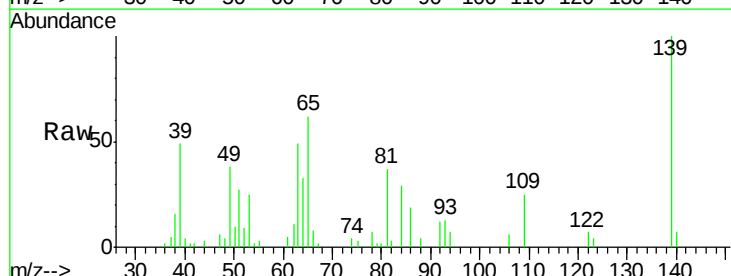
Tgt Ion: 139 Resp: 16406

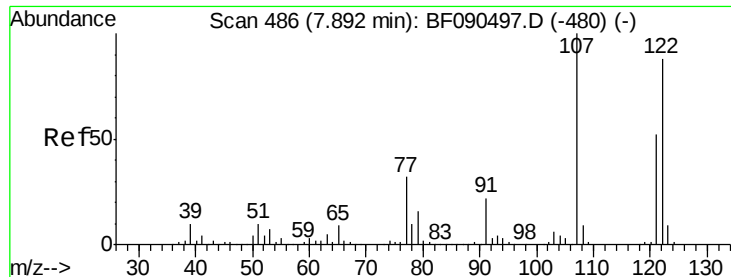
Ion Ratio Lower Upper

139 100

109 24.9 18.9 28.3

65 62.3 31.6 47.4#

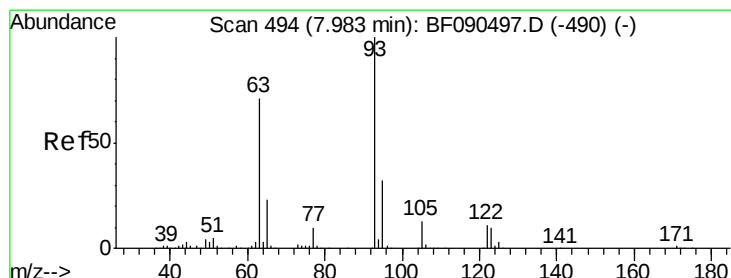
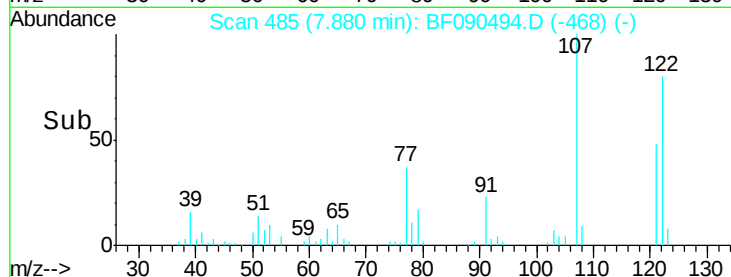
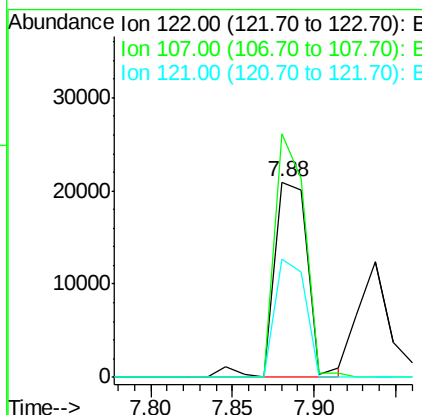
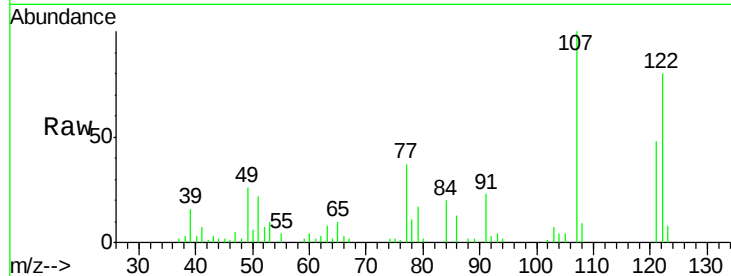




#27
 2,4-Dimethylphenol
 Concen: 2.31 ng
 RT: 7.88 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

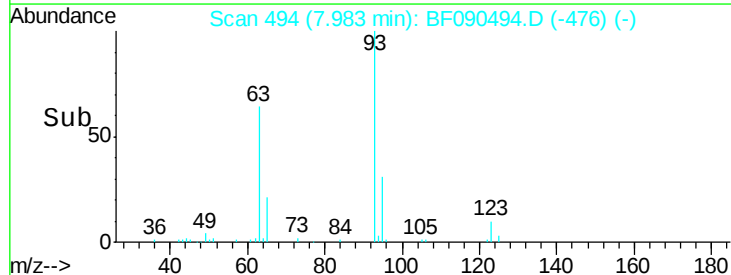
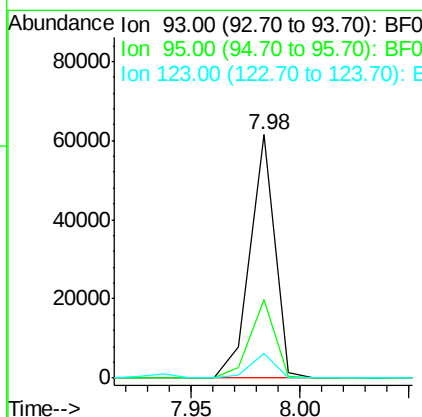
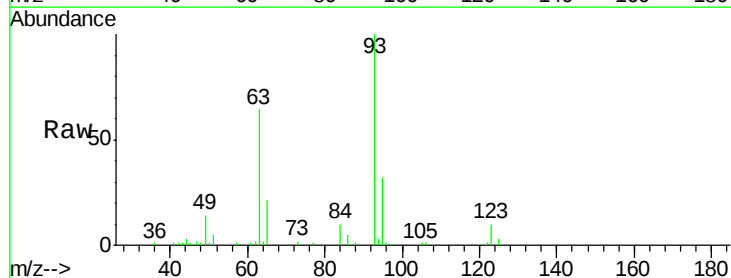
Instrument :
 BNA_F
 ClientSampleId :

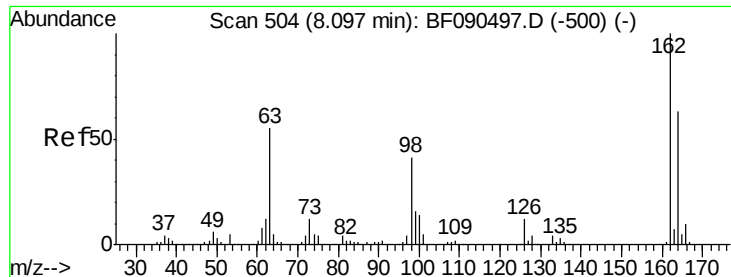
Tot Ion:122 Resp: 30196
 Ion Ratio Lower Upper
 122 100
 107 124.6 88.6 132.8
 121 60.4 47.5 71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 2.85 ng
 RT: 7.98 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Tgt Ion: 93 Resp: 48441
 Ion Ratio Lower Upper
 93 100
 95 32.1 27.0 40.4
 123 10.3 11.1 16.7#

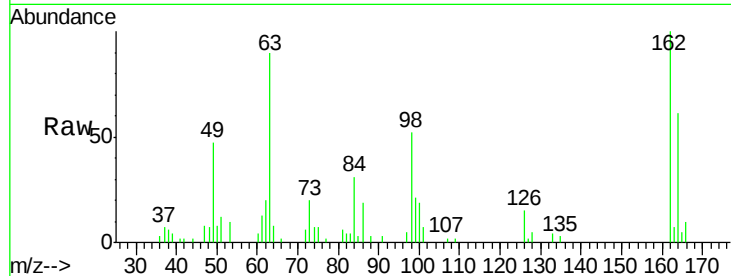




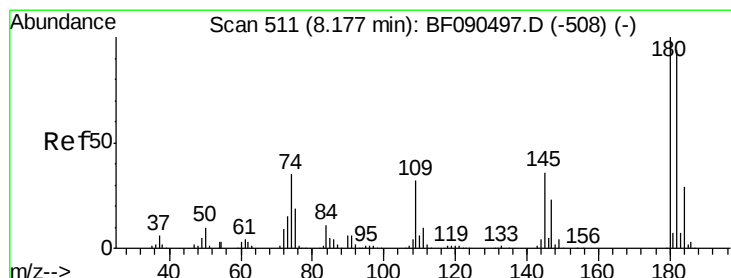
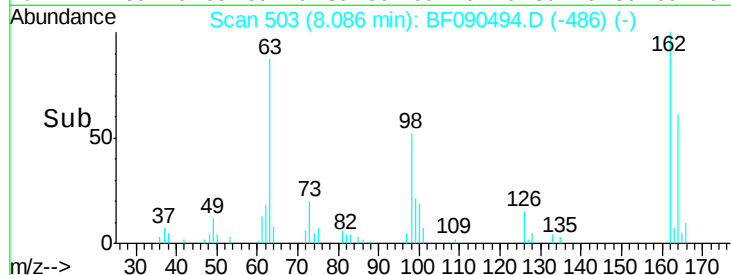
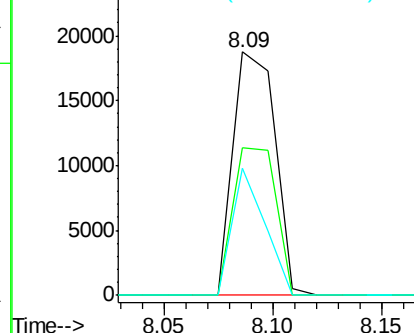
#29
 2,4-Dichlorophenol
 Concen: 2.52 ng
 RT: 8.09 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 25028
 Ion Ratio Lower Upper
 162 100
 164 60.8 45.7 85.7
 98 52.3 13.3 53.3

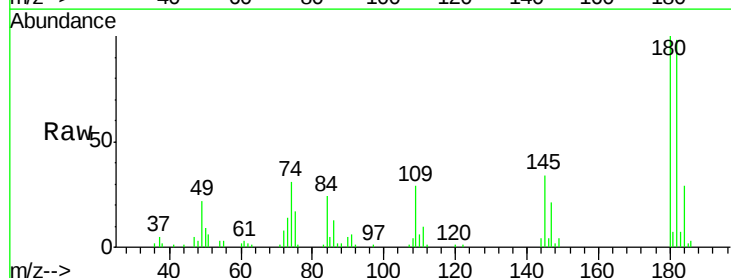


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

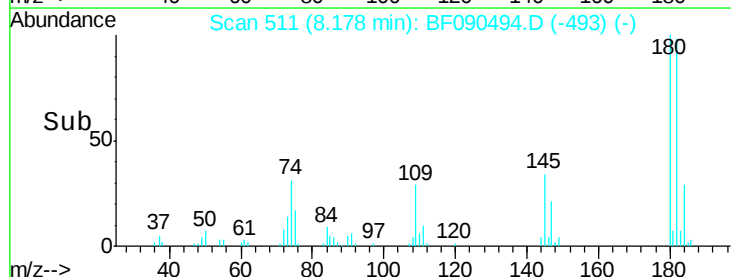
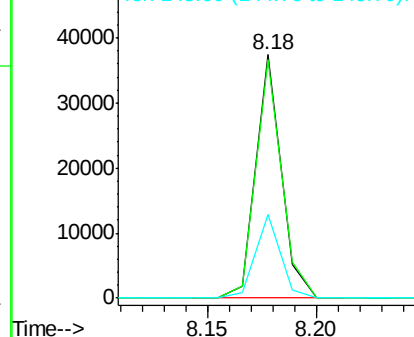


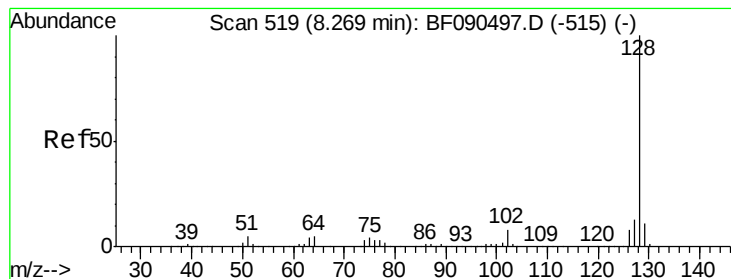
#30
 1,2,4-Trichlorobenzene
 Concen: 2.98 ng
 RT: 8.18 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Tgt Ion:180 Resp: 30510
 Ion Ratio Lower Upper
 180 100
 182 97.7 75.3 112.9
 145 34.1 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: 3.14 ng

RT: 8.26 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

Instrument :

BNA_F

ClientSampleId :

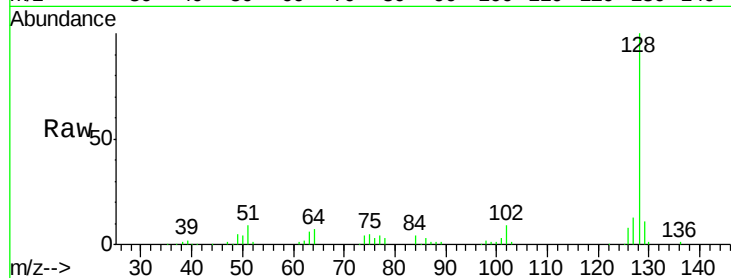
Tot Ion:128 Resp: 115959

Ion Ratio Lower Upper

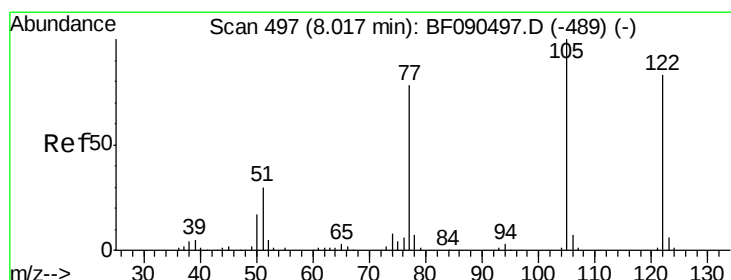
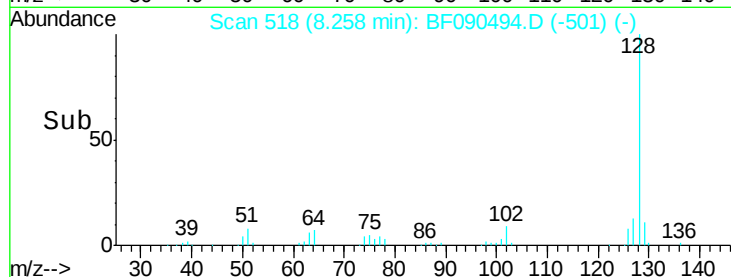
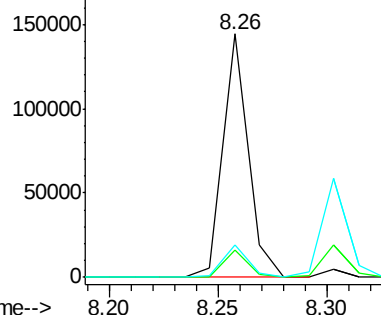
128 100

129 11.1 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: 2.03 ng

RT: 7.94 min Scan# 490

Delta R.T. -0.08 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

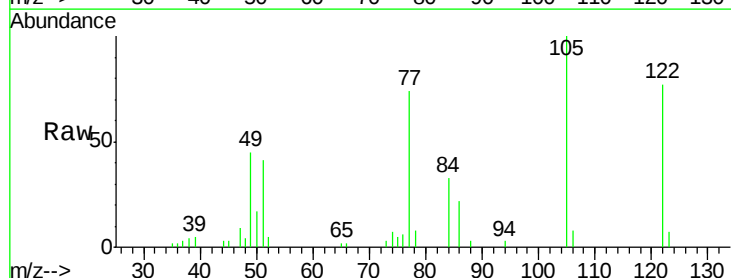
Tgt Ion:122 Resp: 18430

Ion Ratio Lower Upper

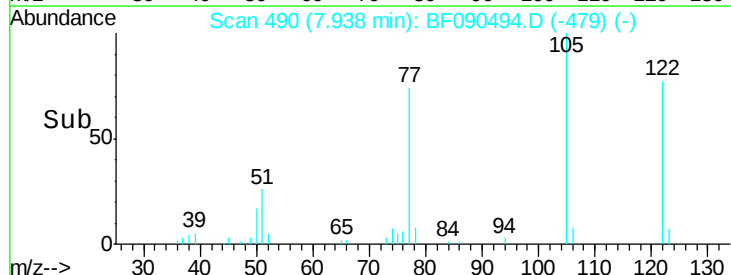
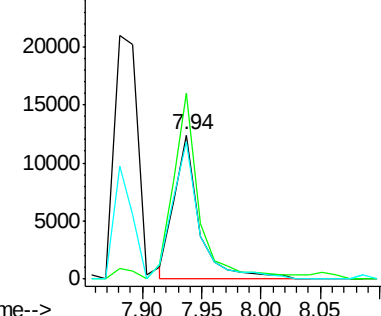
122 100

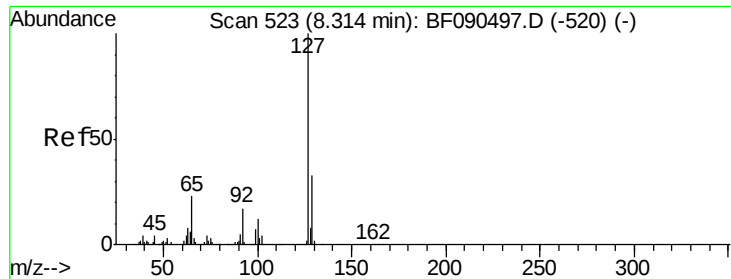
105 129.1 103.9 143.9

77 95.6 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

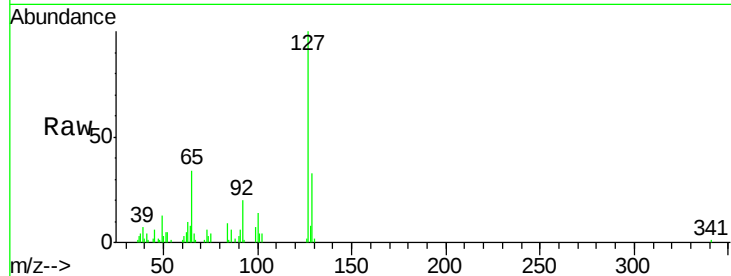




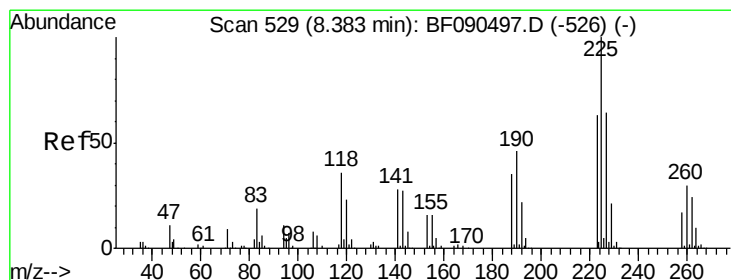
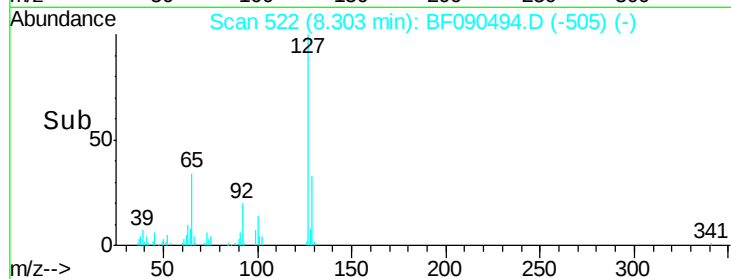
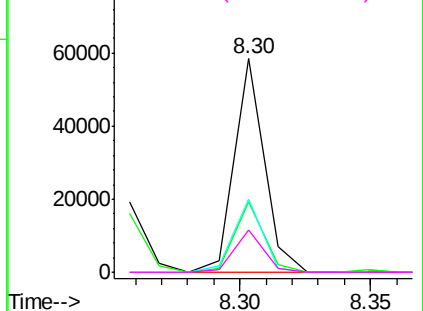
#33
4-Chloroaniline
Concen: 3.07 ng
RT: 8.30 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	46964
Ion Ratio	Lower	Upper
127	100	
129	32.7	26.2 39.4
65	34.0	32.5 48.7
92	20.0	17.2 25.8

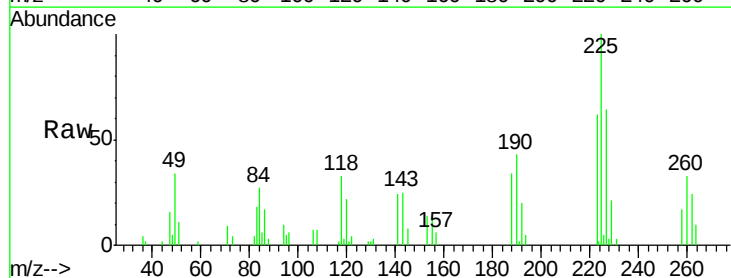


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

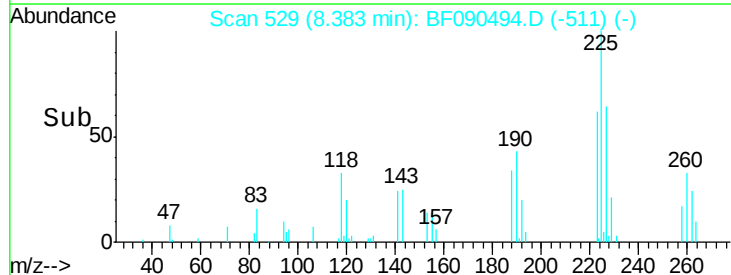
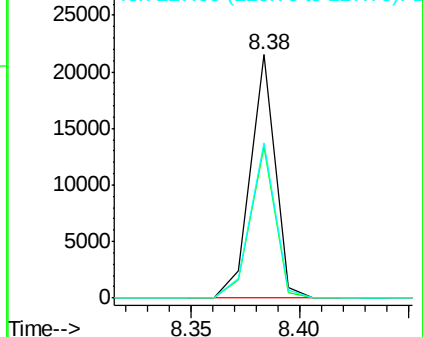


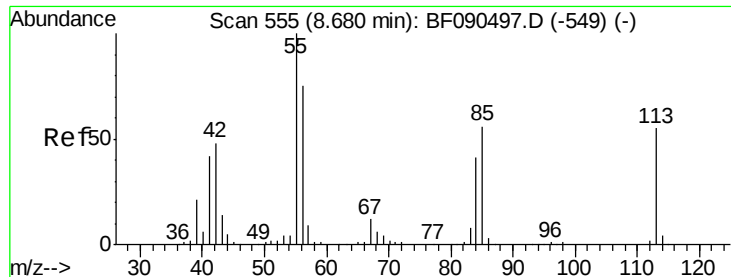
#34
Hexachlorobutadiene
Concen: 2.98 ng
RT: 8.38 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

Tgt Ion:225	Resp:	17069
Ion Ratio	Lower	Upper
225	100	
223	62.3	51.0 76.4
227	63.5	50.8 76.2



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

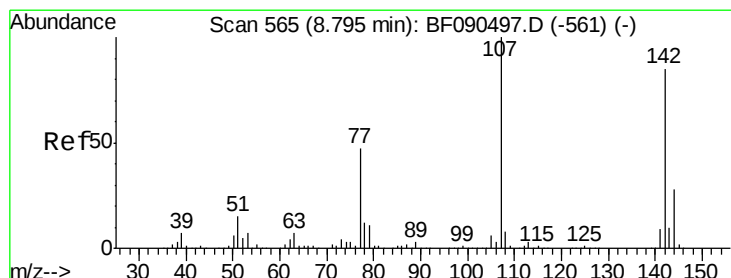
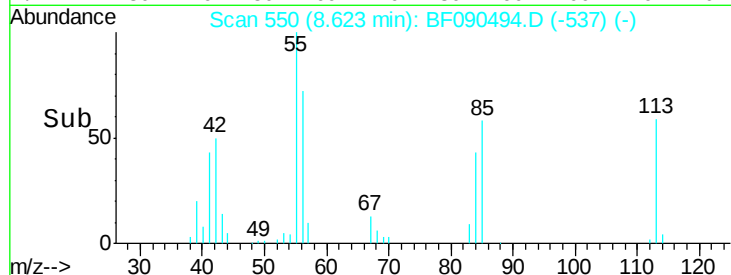
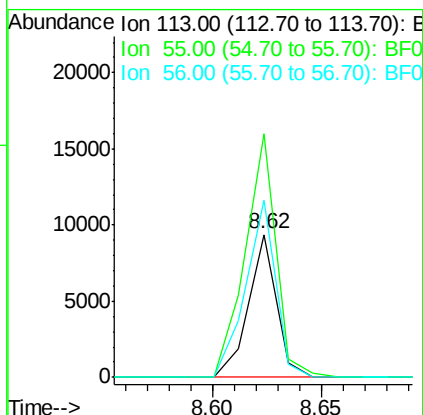
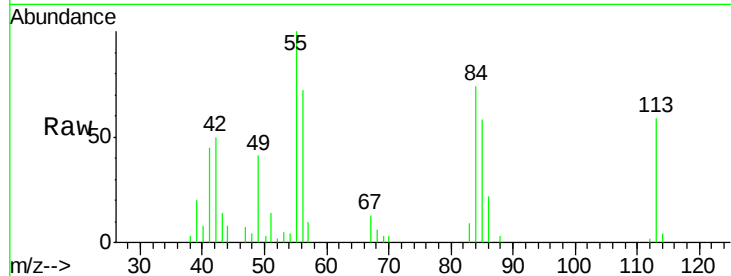




#35
 Caprolactam
 Concen: 2.51 ng
 RT: 8.62 min Scan# 550
 Delta R.T. -0.06 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

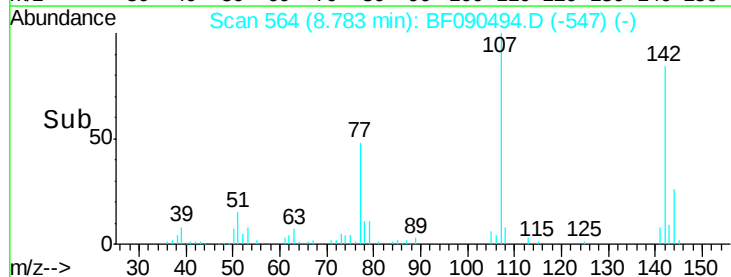
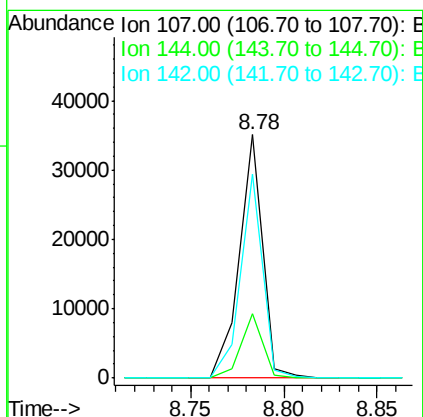
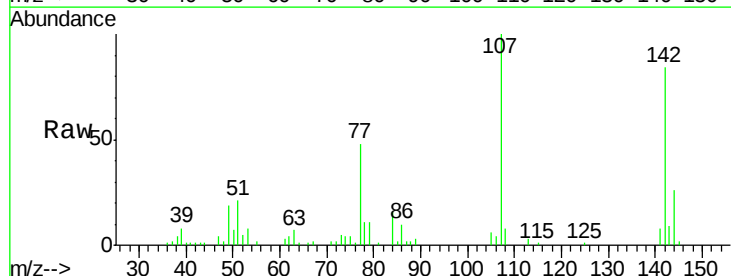
Instrument :
 BNA_F
 ClientSampled :

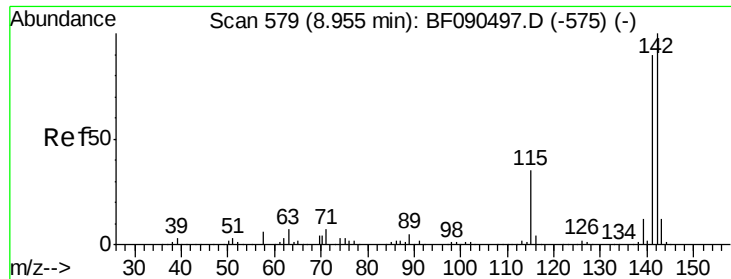
Tot Ion:113 Resp: 8381
 Ion Ratio Lower Upper
 113 100
 55 170.6 203.3 243.3#
 56 123.6 140.5 180.5#



#36
 4-Chloro-3-methylphenol
 Concen: 2.47 ng
 RT: 8.78 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Tgt Ion:107 Resp: 30718
 Ion Ratio Lower Upper
 107 100
 144 26.5 19.8 29.8
 142 83.8 60.7 91.1

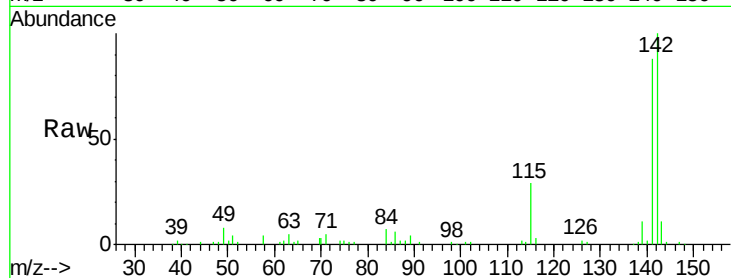




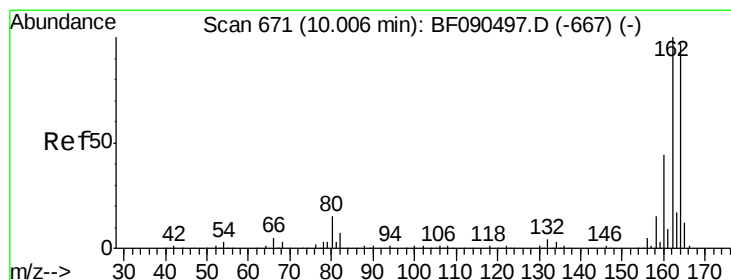
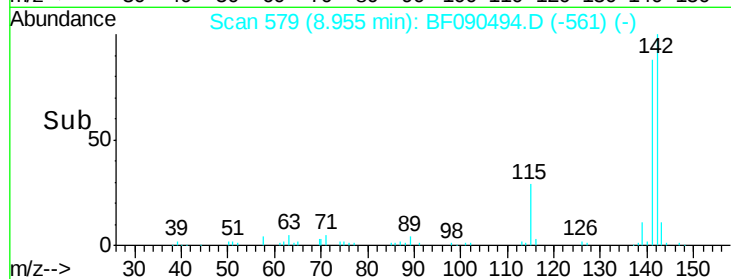
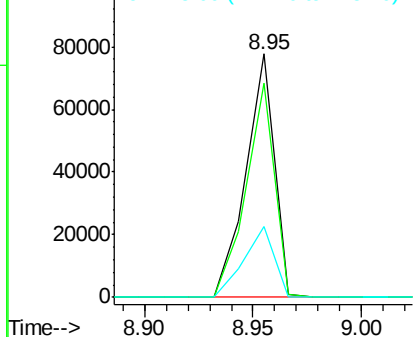
#37
 2-Methylnaphthalene
 Concen: 3.16 ng
 RT: 8.95 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 70650
 Ion Ratio Lower Upper
 142 100
 141 87.9 71.8 107.8
 115 28.8 28.8 43.2

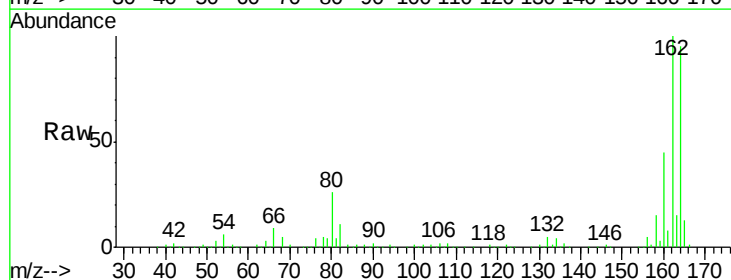


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

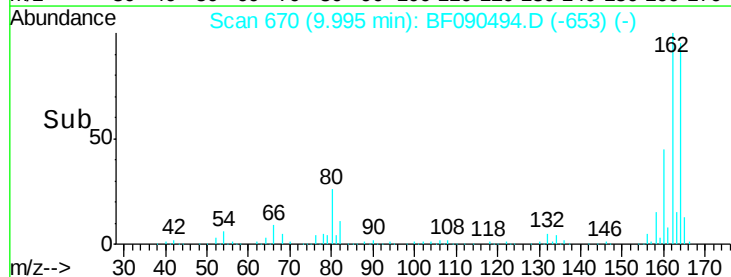
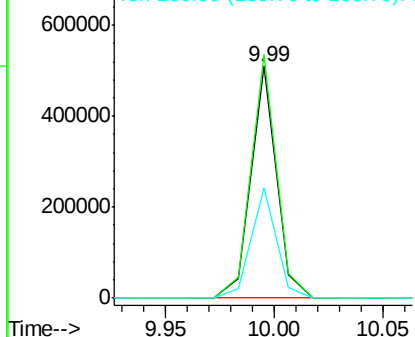


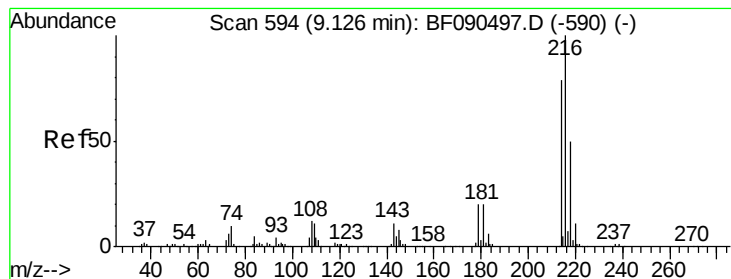
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Tgt Ion:164 Resp: 413249
 Ion Ratio Lower Upper
 164 100
 162 105.2 80.1 120.1
 160 47.8 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: 2.51 ng

RT: 9.11 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF090494.D

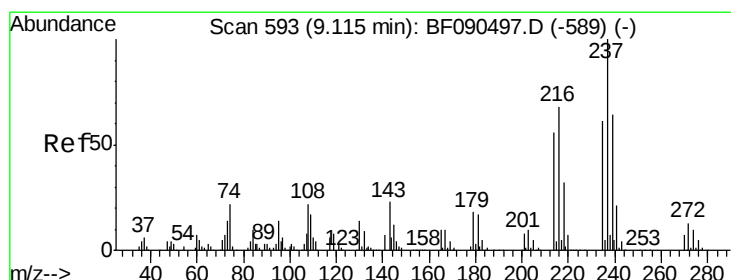
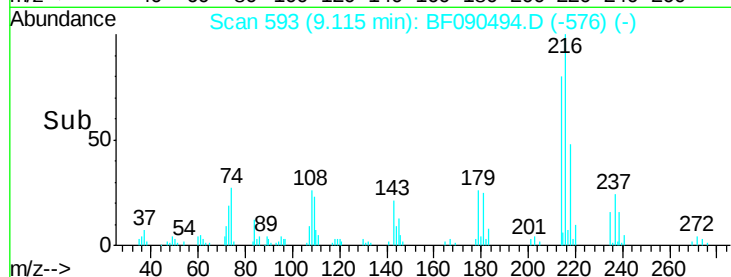
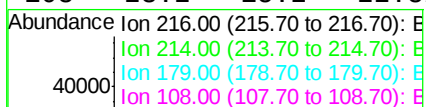
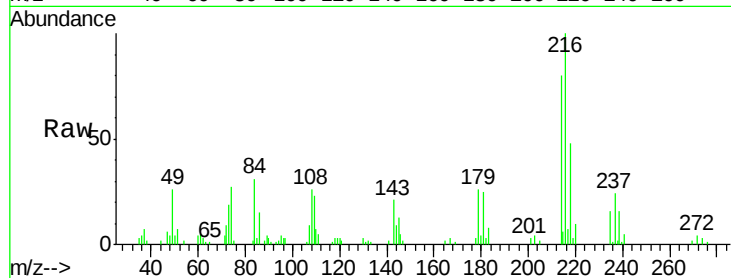
Acq: 11 Oct 2016 10:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	27345
Ion Ratio	Lower	Upper
216	100	
214	78.4	64.2 96.2
179	22.7	18.0 27.0
108	23.2	15.2 22.8#



#40

Hexachlorocyclopentadiene

Concen: 1.49 ng

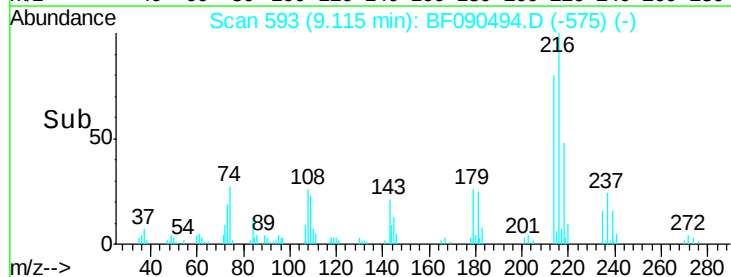
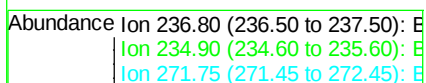
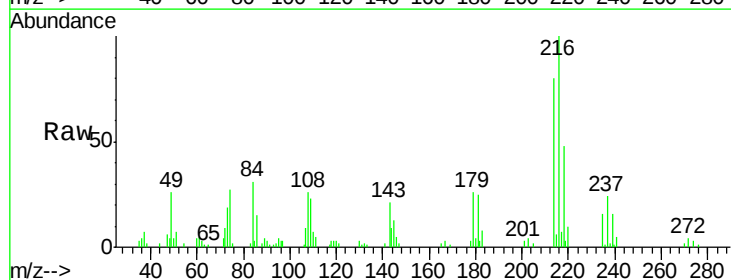
RT: 9.11 min Scan# 593

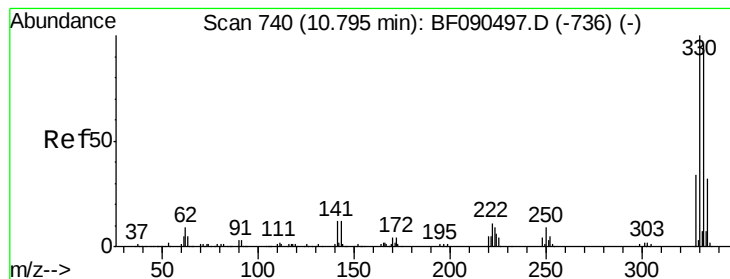
Delta R.T. 0.00 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

Tgt Ion:237	Resp:	8917
Ion Ratio	Lower	Upper
237	100	
235	64.6	43.6 83.6
272	16.2	0.0 32.7

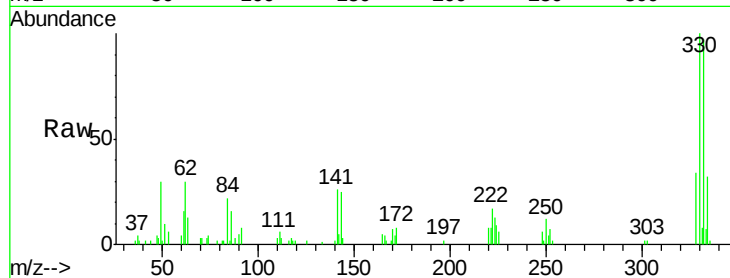




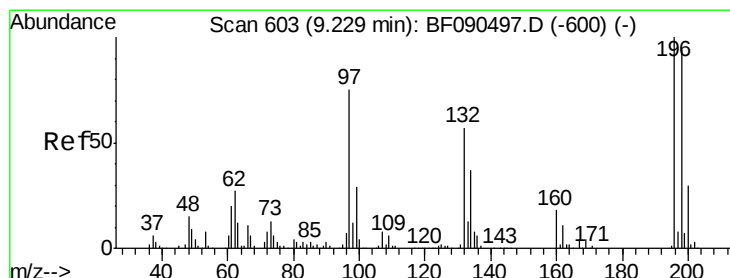
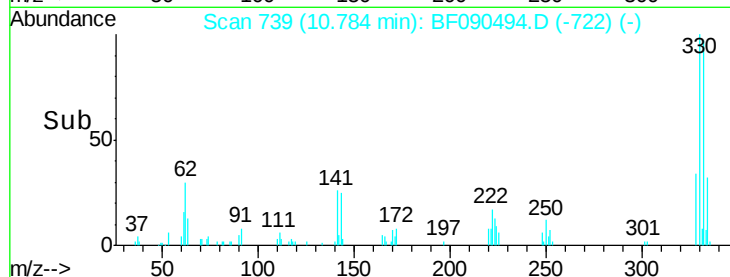
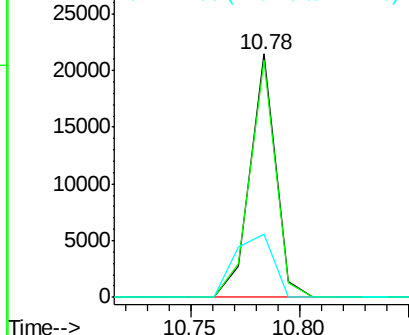
#41
 2,4,6-Tribromophenol
 Concen: 5.22 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	330	Resp	17527
Ion Ratio	100	Lower	Upper
330	100	75.4	113.0
332	98.4	26.9	40.3
141	39.2		

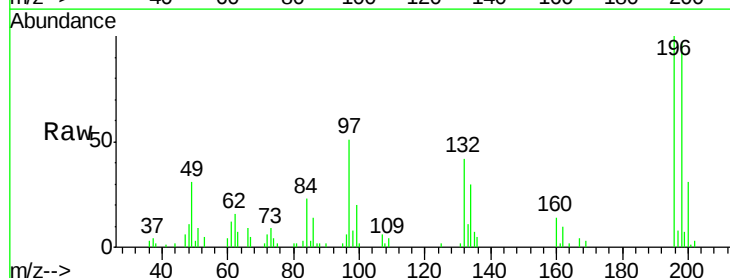


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

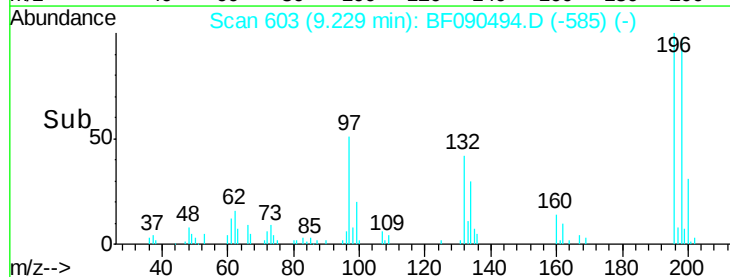
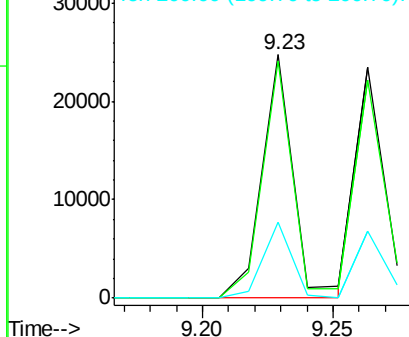


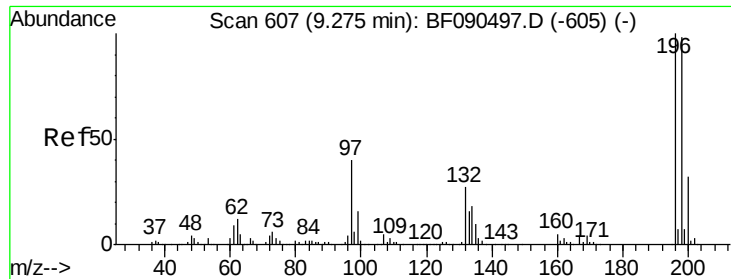
#42
 2,4,6-Trichlorophenol
 Concen: 2.73 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Tgt Ion	196	Resp	20561
Ion Ratio	100	Lower	Upper
196	100	78.9	118.3
198	97.2	25.4	38.2
200	31.0		



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

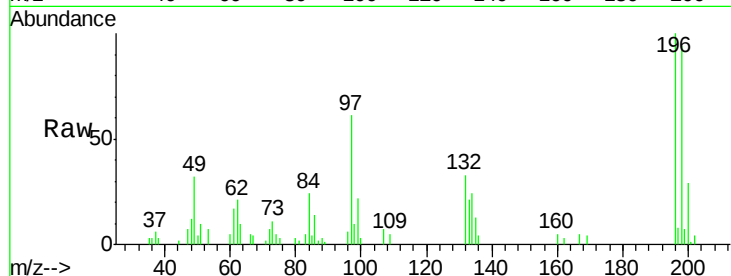




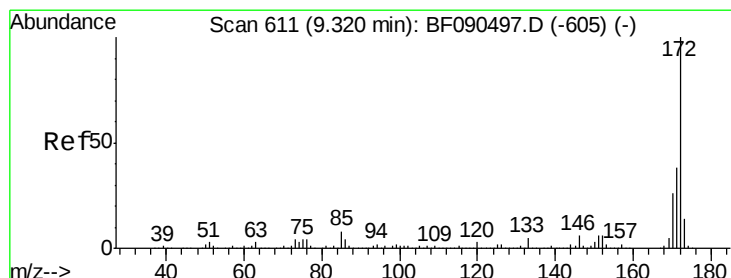
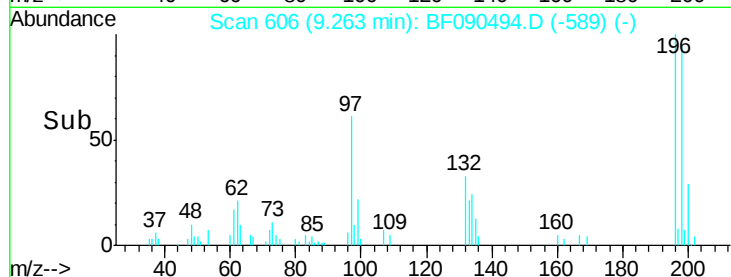
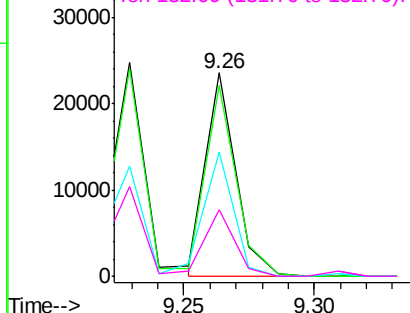
#43
 2,4,5-Trichlorophenol
 Concen: 2.62 ng
 RT: 9.26 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	18650
Ion Ratio	Lower	Upper
196	100	
198	94.3	78.1 117.1
97	61.0	48.1 72.1
132	32.8	27.4 41.2

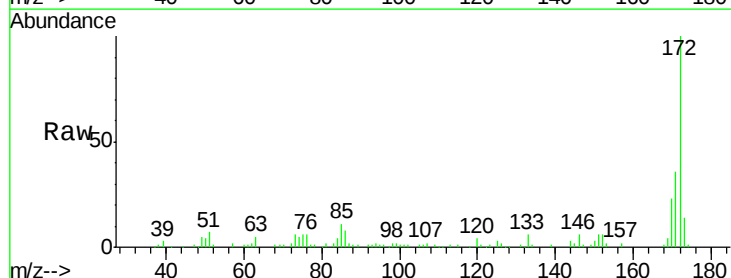


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

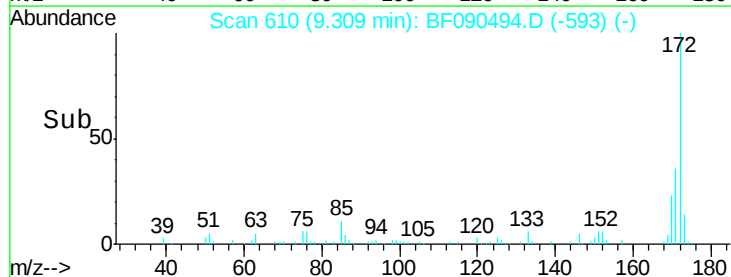
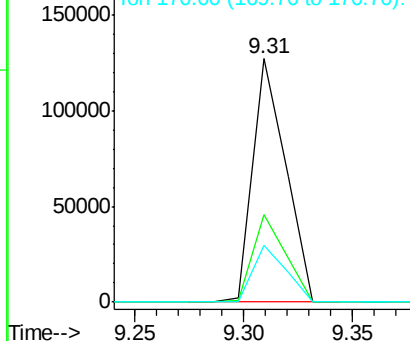


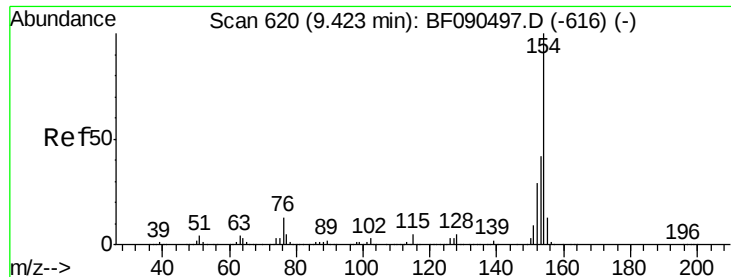
#44
 2-Fluorobiphenyl
 Concen: 5.40 ng
 RT: 9.31 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Tgt Ion:172	Resp:	133833
Ion Ratio	Lower	Upper
172	100	
171	35.7	31.8 47.8
170	23.3	21.7 32.5



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





#45

1,1'-Biphenyl

Concen: 2.83 ng

RT: 9.41 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

Instrument :

BNA_F

ClientSampled :

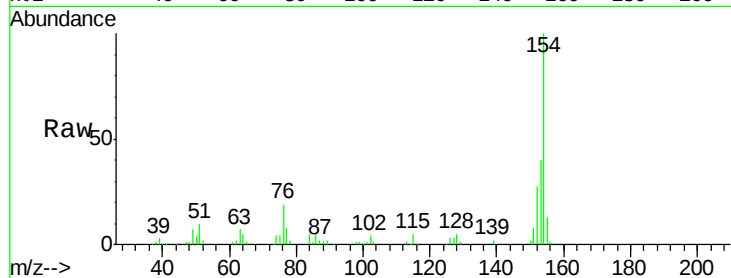
Tot Ion:154 Resp: 86604

Ion Ratio Lower Upper

154 100

153 40.3 23.8 63.8

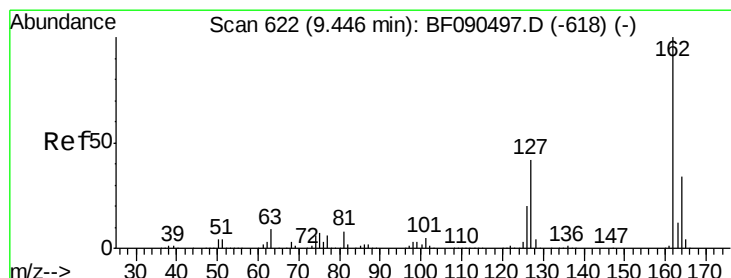
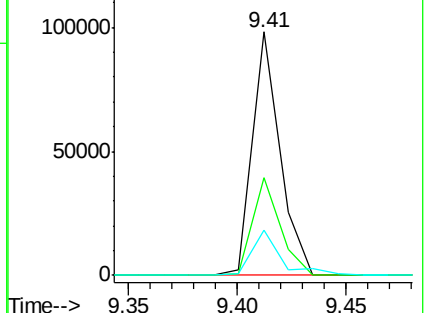
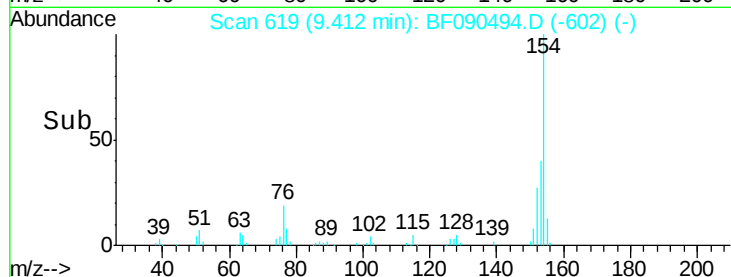
76 18.6 0.0 35.8



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: 2.71 ng

RT: 9.43 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

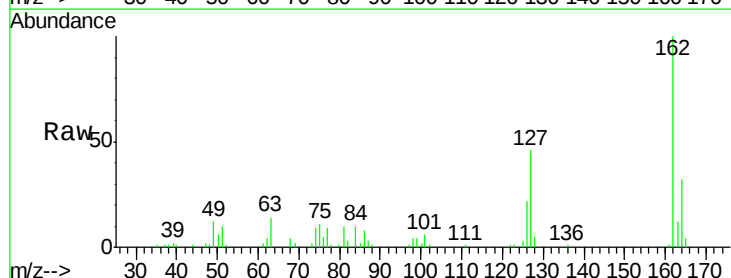
Tgt Ion:162 Resp: 61214

Ion Ratio Lower Upper

162 100

127 45.6 35.6 53.4

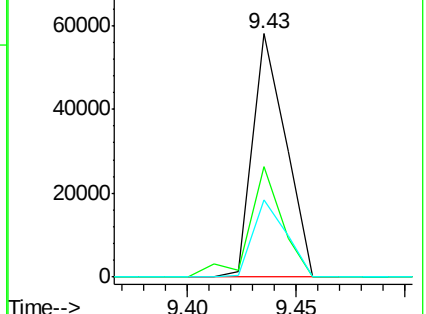
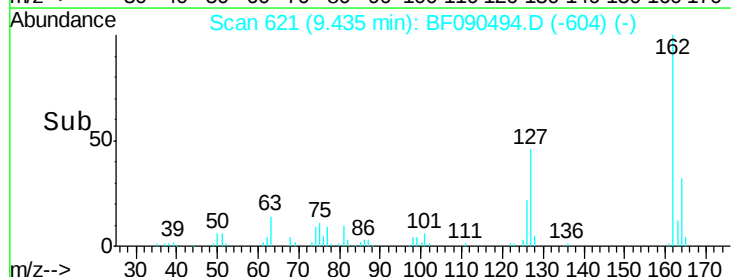
164 31.8 27.5 41.3

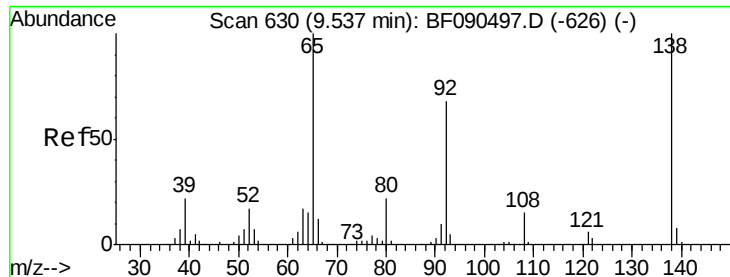


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

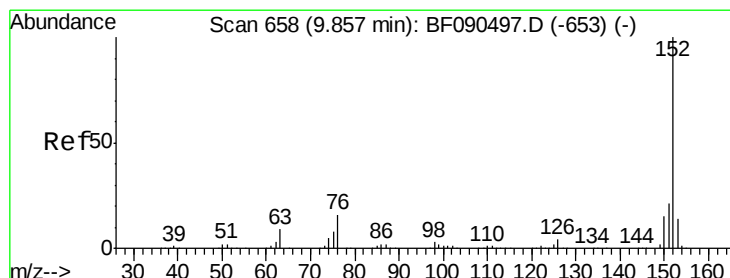
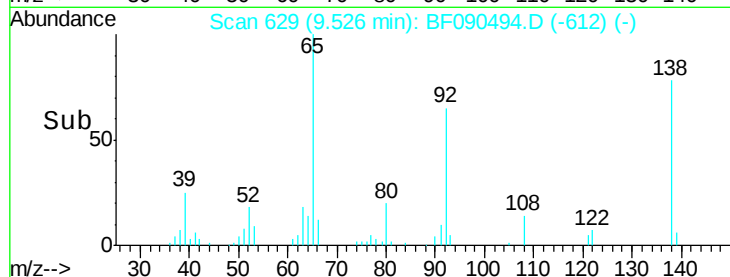
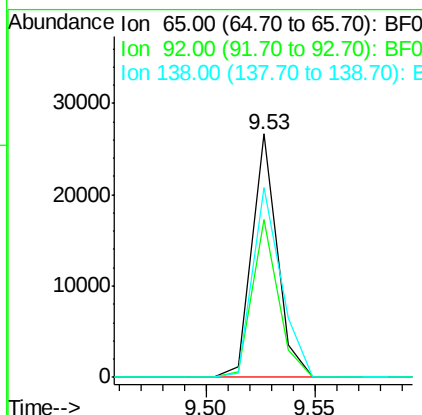
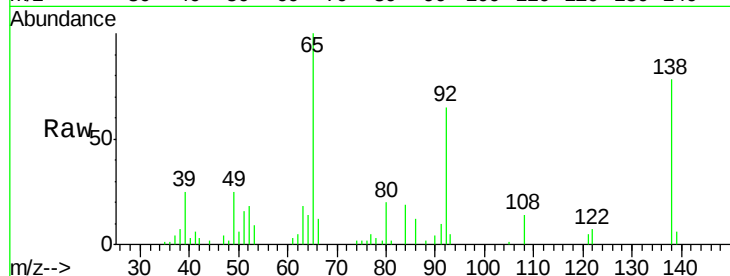




#47
2-Nitroaniline
Concen: 2.41 ng
RT: 9.53 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

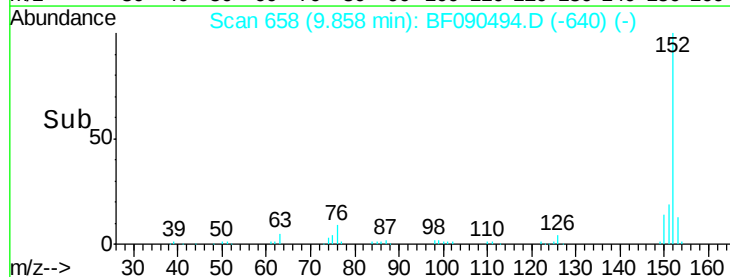
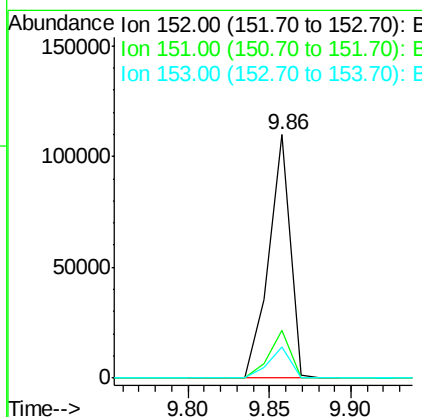
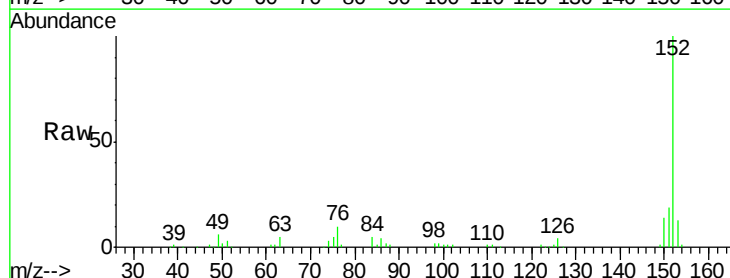
Instrument :
BNA_F
ClientSampleId :

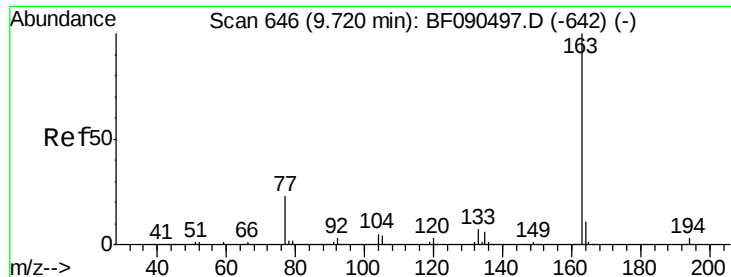
Tot Ion: 65 Resp: 21543
Ion Ratio Lower Upper
65 100
92 64.6 51.7 77.5
138 77.9 79.0 118.4#



#48
Acenaphthylene
Concen: 2.71 ng
RT: 9.86 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

Tgt Ion:152 Resp: 101200
Ion Ratio Lower Upper
152 100
151 19.5 17.4 26.0
153 12.6 11.6 17.4

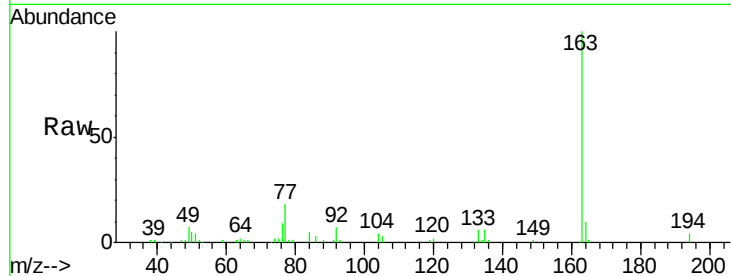




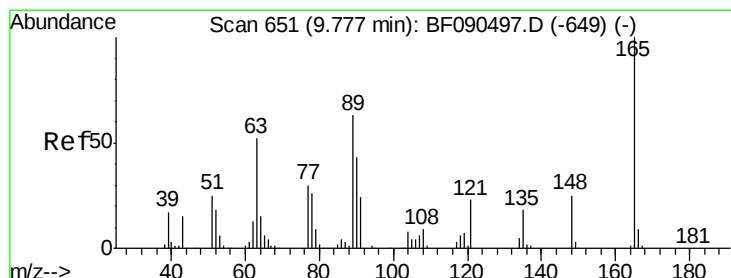
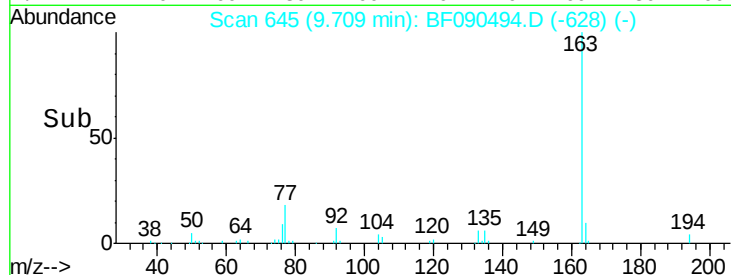
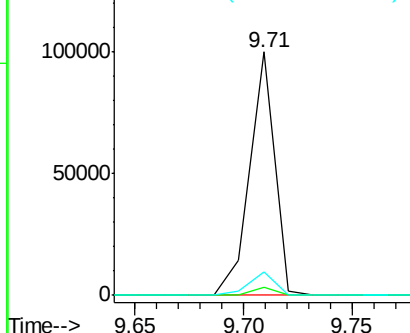
#49
Dimethylphthalate
Concen: 3.00 ng
RT: 9.71 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 79503
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.7 9.0 13.4

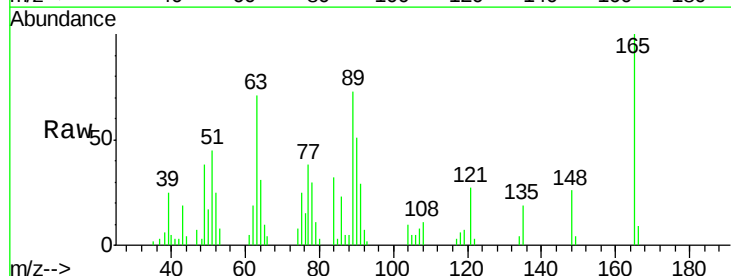


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

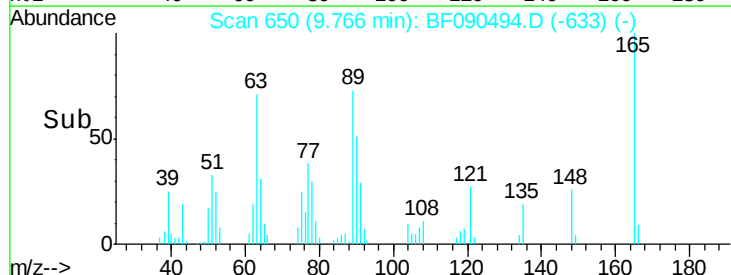
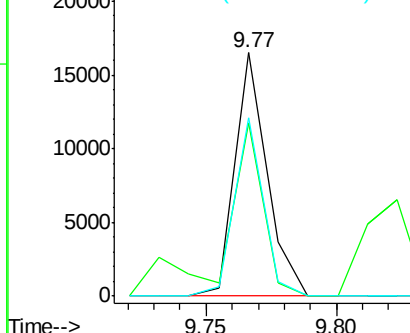


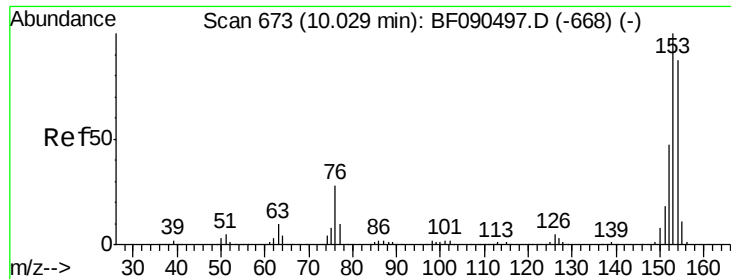
#50
2,6-Dinitrotoluene
Concen: 2.42 ng
RT: 9.77 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

Tgt Ion:165 Resp: 14210
Ion Ratio Lower Upper
165 100
63 71.0 58.0 87.0
89 73.3 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: 2.97 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

Instrument :

BNA_F

ClientSampleId :

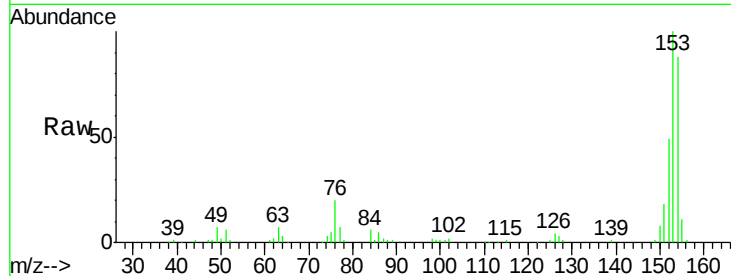
Tot Ion:154 Resp: 69242

Ion Ratio Lower Upper

154 100

153 113.0 88.6 133.0

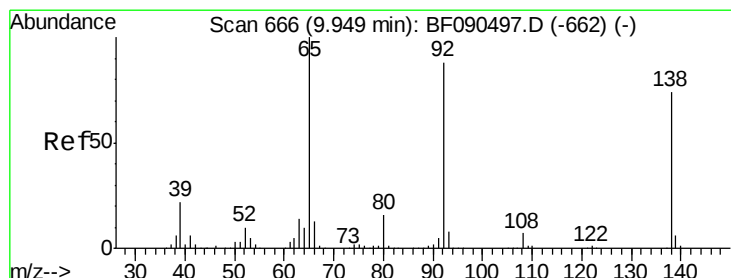
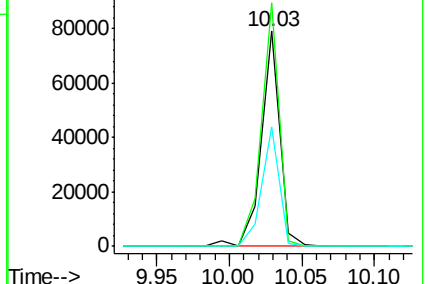
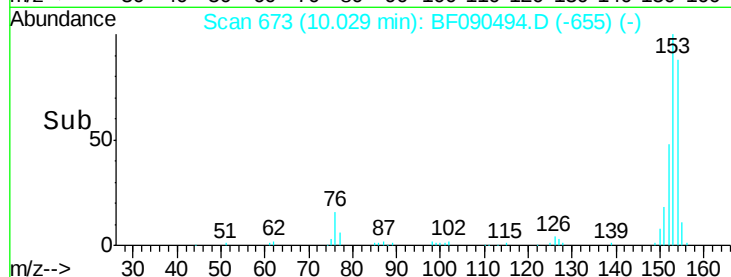
152 55.2 42.6 64.0



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: 2.93 ng

RT: 9.94 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

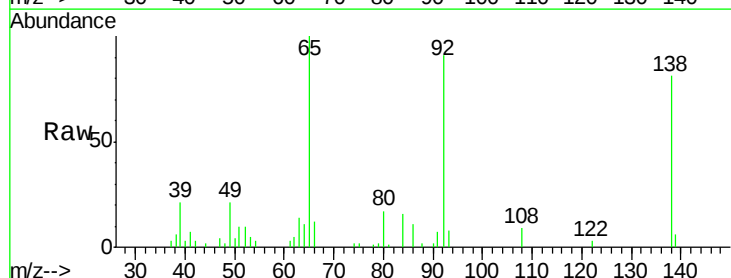
Tgt Ion:138 Resp: 20090

Ion Ratio Lower Upper

138 100

108 10.8 9.7 14.5

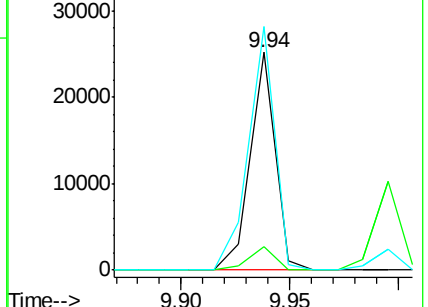
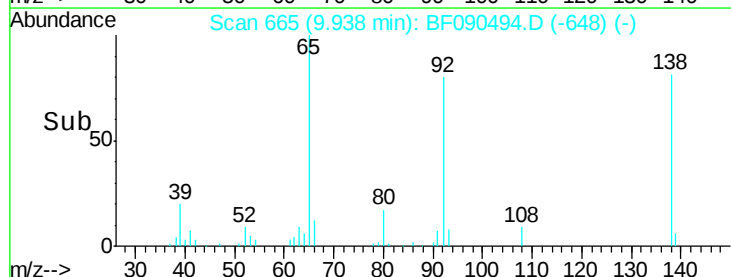
92 111.8 97.1 145.7

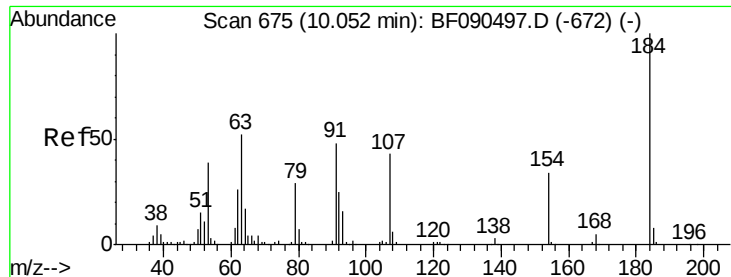


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

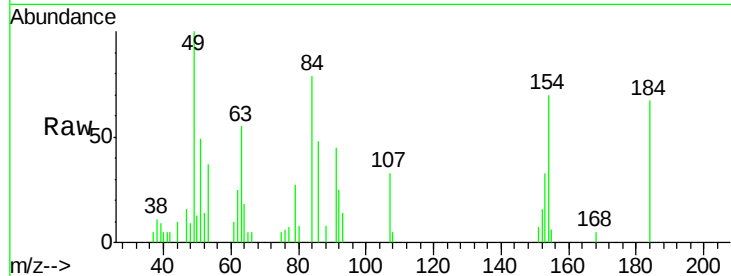




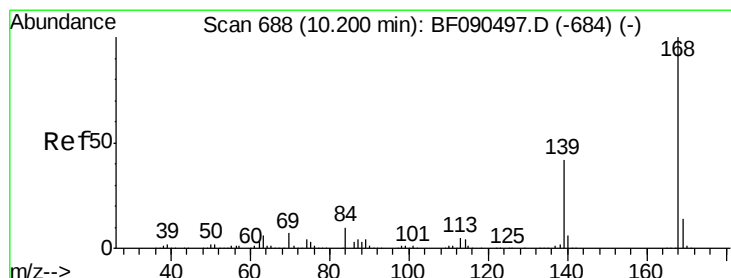
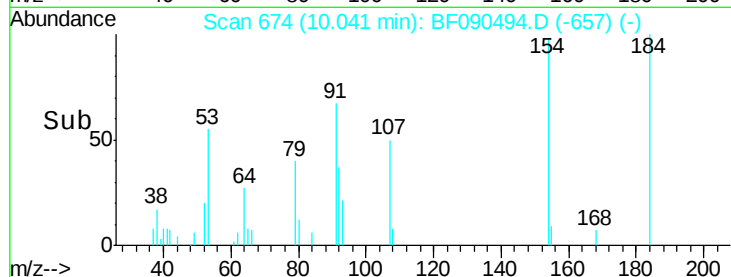
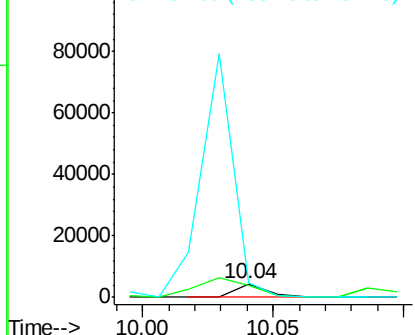
#53
2,4-Dinitrophenol
Concen: 1.41 ng
RT: 10.04 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 3695
Ion Ratio Lower Upper
184 100
63 82.1 41.9 62.9#
154 105.0 48.9 73.3#

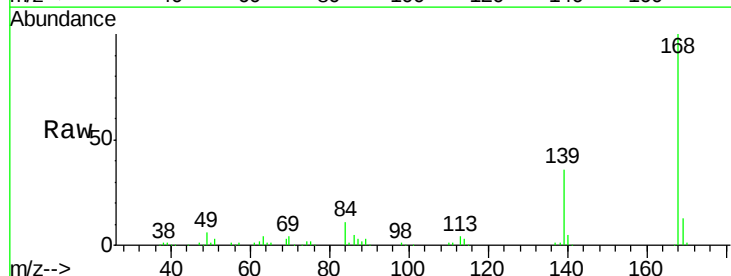


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

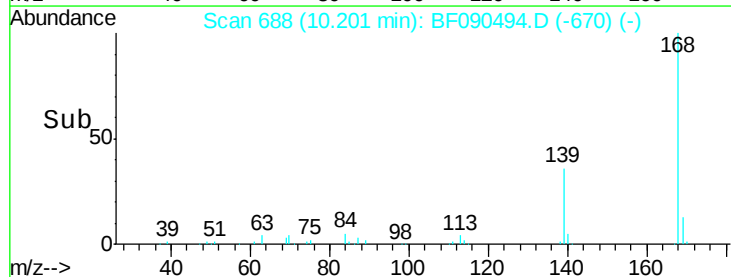
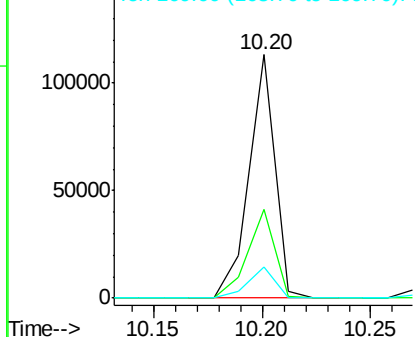


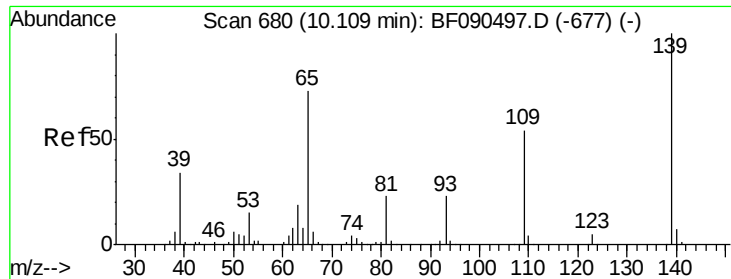
#54
Dibenzofuran
Concen: 3.09 ng
RT: 10.20 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

Tgt Ion:168 Resp: 93238
Ion Ratio Lower Upper
168 100
139 36.3 29.6 44.4
169 12.9 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

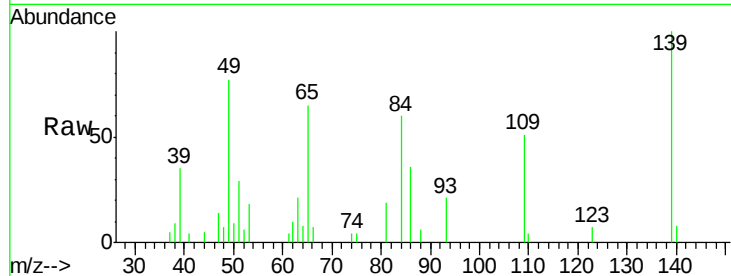




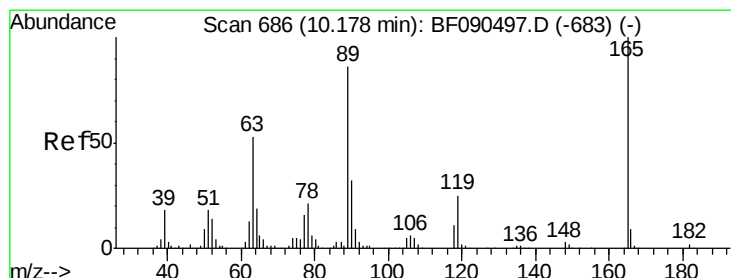
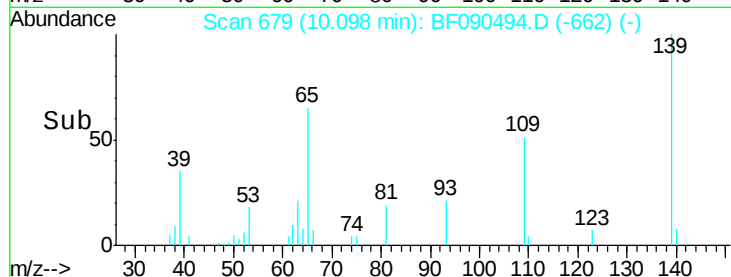
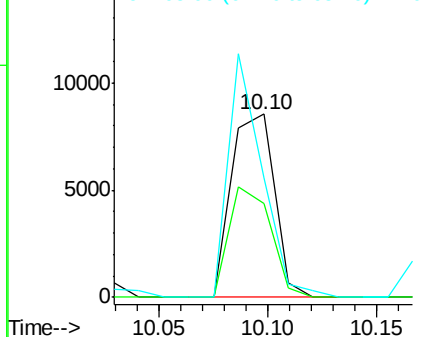
#55
4-Nitrophenol
Concen: 1.95 ng
RT: 10.10 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 11710
Ion Ratio Lower Upper
139 100
109 51.1 43.6 83.6
65 65.0 87.5 127.5#

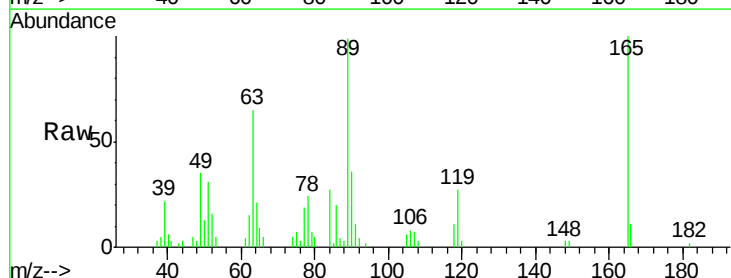


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

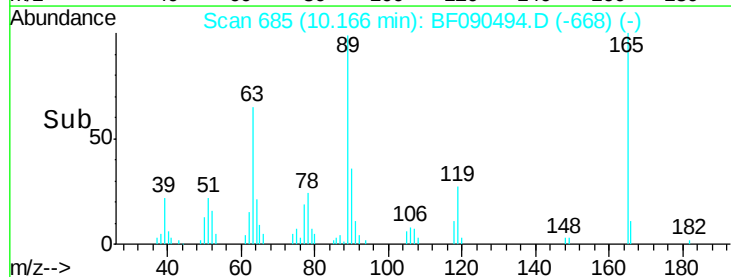
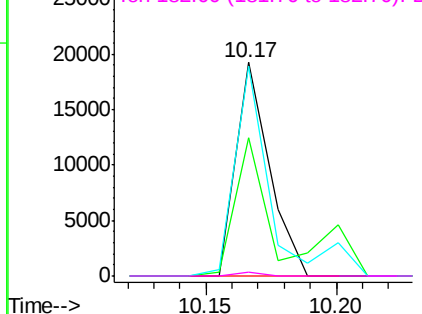


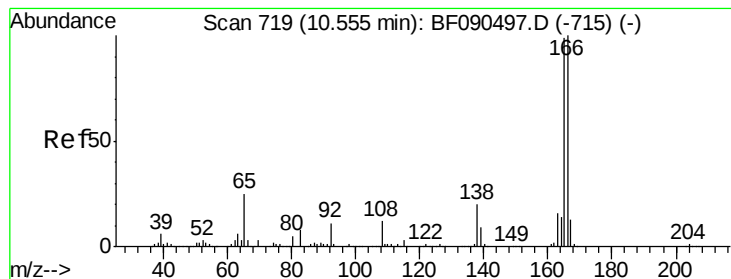
#56
2,4-Dinitrotoluene
Concen: 2.22 ng
RT: 10.17 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

Tgt Ion:165 Resp: 17333
Ion Ratio Lower Upper
165 100
63 64.9 17.8 26.6#
89 98.5 33.2 49.8#
182 1.8 2.1 3.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 2.91 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

Instrument :

BNA_F

ClientSampled :

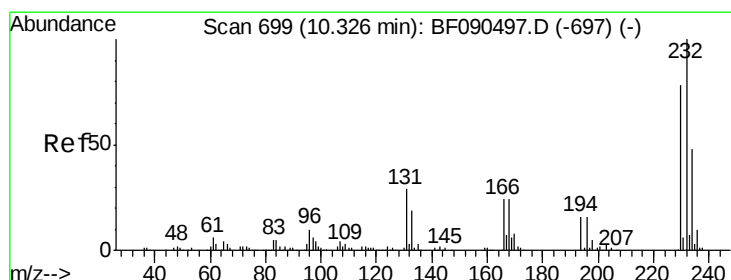
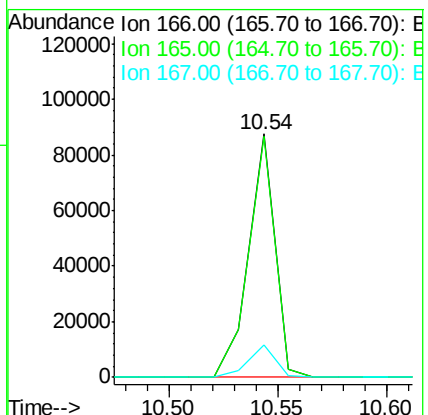
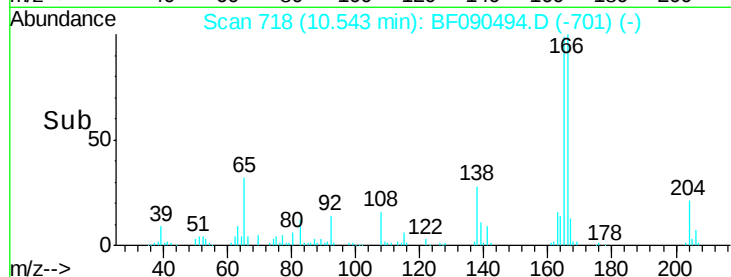
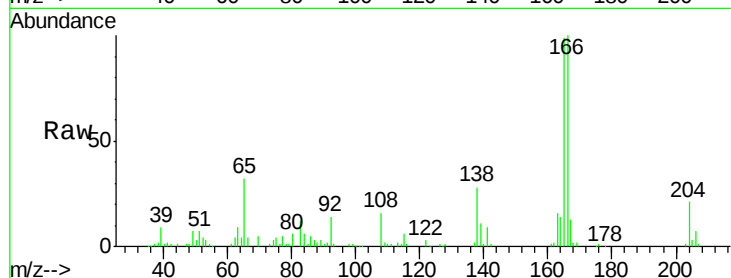
Tot Ion:166 Resp: 73715

Ion Ratio Lower Upper

166 100

165 99.2 79.2 118.8

167 13.2 11.1 16.7



#58

2,3,4,6-Tetrachlorophenol

Concen: 2.69 ng

RT: 10.31 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

Tgt Ion:232 Resp: 14265

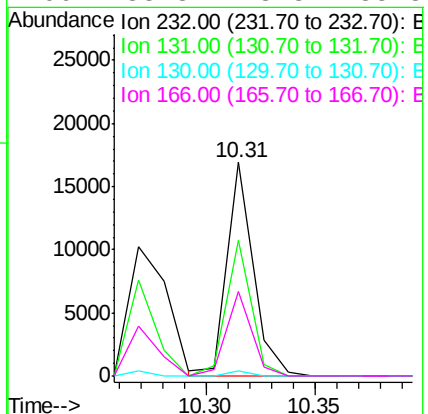
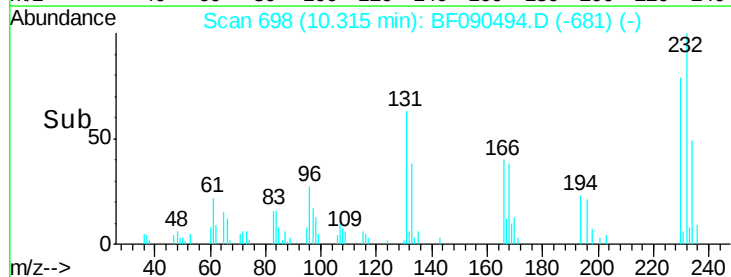
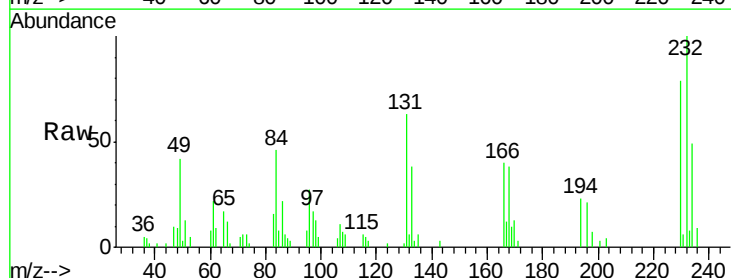
Ion Ratio Lower Upper

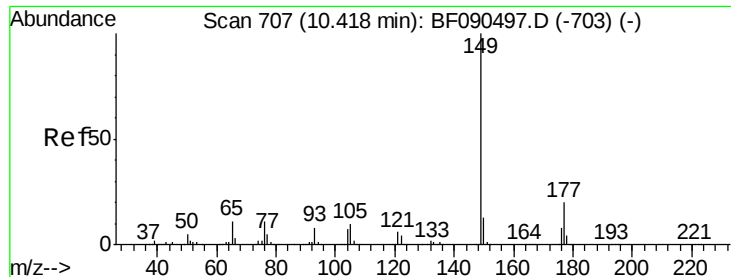
232 100

131 60.2 34.5 51.7#

130 1.9 1.6 2.4

166 38.3 23.8 35.8#

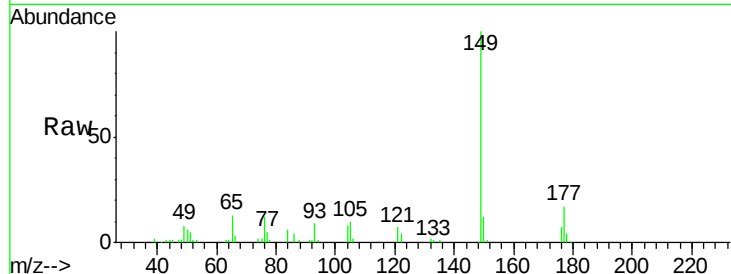




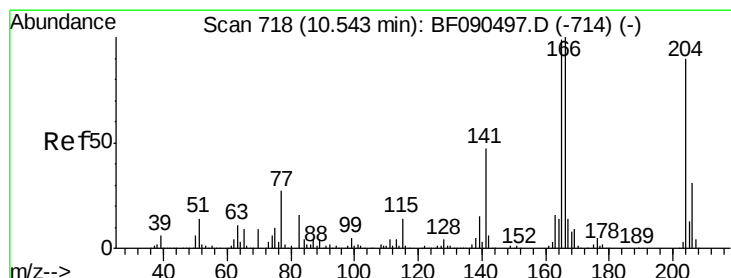
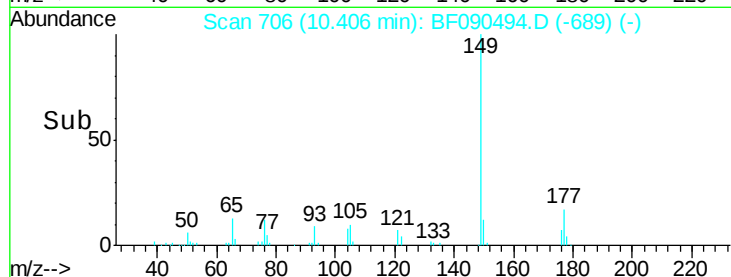
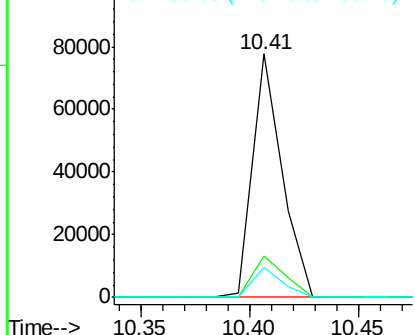
#59
Diethylphthalate
Concen: 2.68 ng
RT: 10.41 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 73255
Ion Ratio Lower Upper
149 100
177 17.2 21.1 31.7#
150 12.3 10.2 15.2

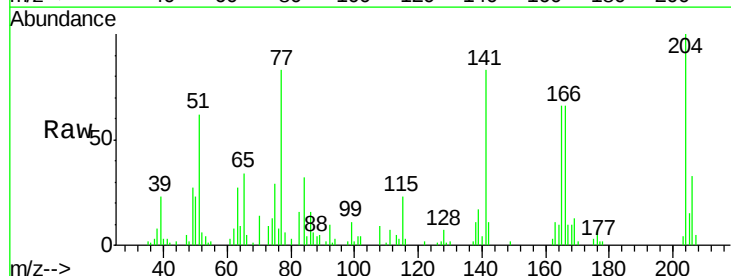


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

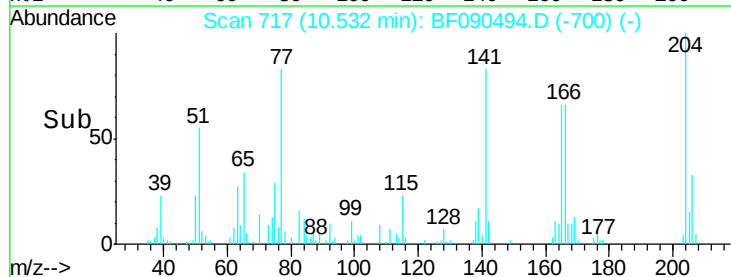
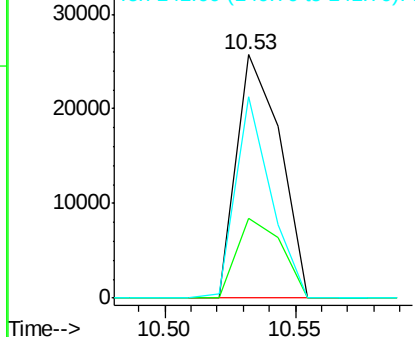


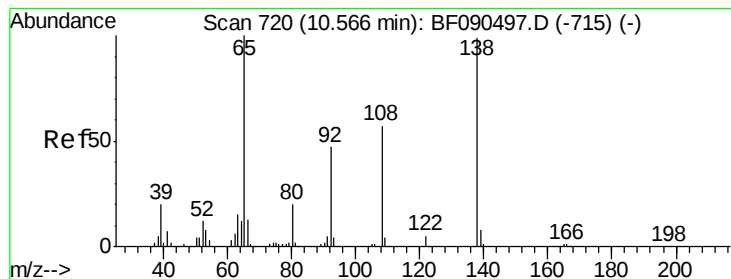
#60
4-Chlorophenyl-phenylether
Concen: 2.62 ng
RT: 10.53 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

Tgt Ion:204 Resp: 30142
Ion Ratio Lower Upper
204 100
206 33.0 26.7 40.1
141 82.7 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: 2.82 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

Instrument :

BNA_F

ClientSampleId :

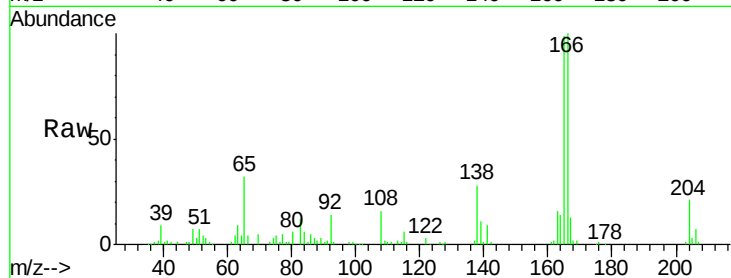
Tot Ion:138 Resp: 19505

Ion Ratio Lower Upper

138 100

92 51.4 33.2 73.2

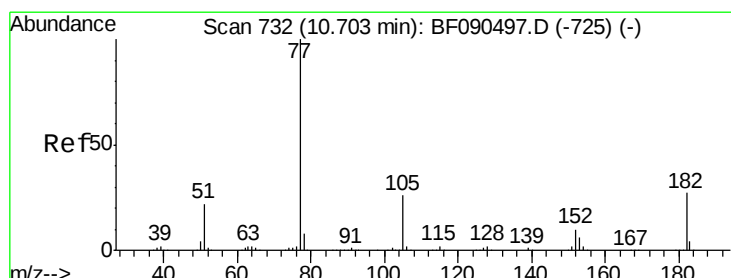
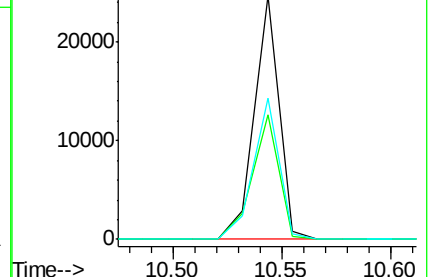
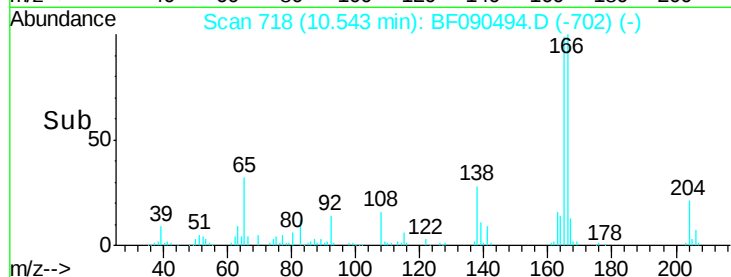
108 58.1 48.5 88.5



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: 2.76 ng

RT: 10.69 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

Tgt Ion: 77 Resp: 87201

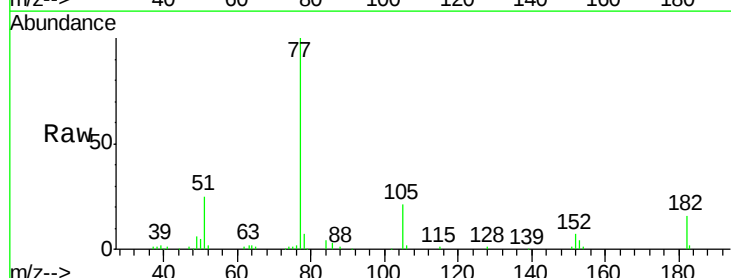
Ion Ratio Lower Upper

77 100

182 16.2 3.2 43.2

105 21.0 2.9 42.9

51 24.9 14.2 54.2

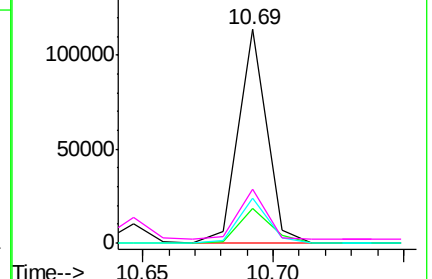
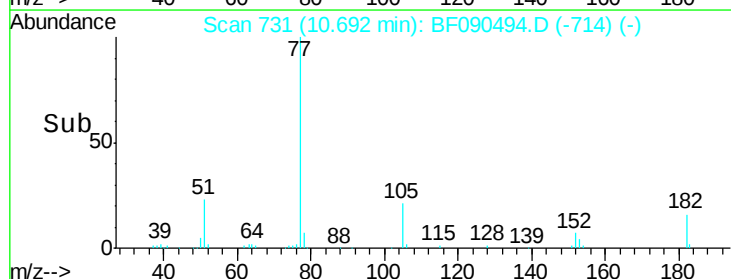


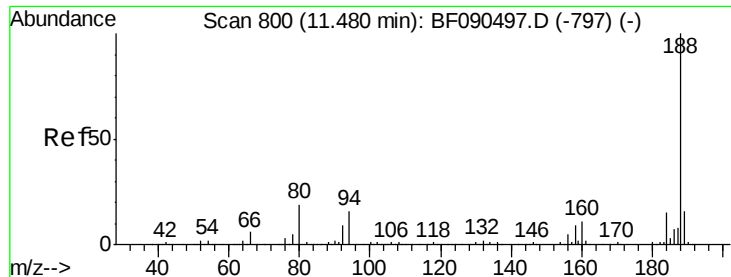
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

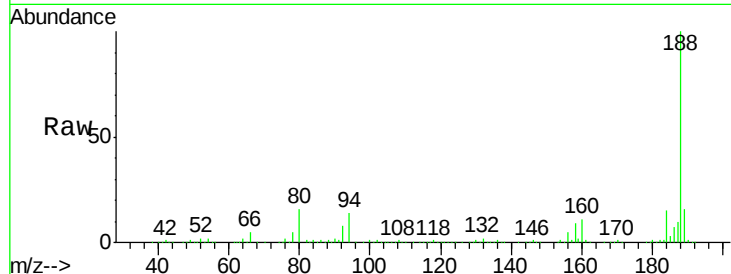




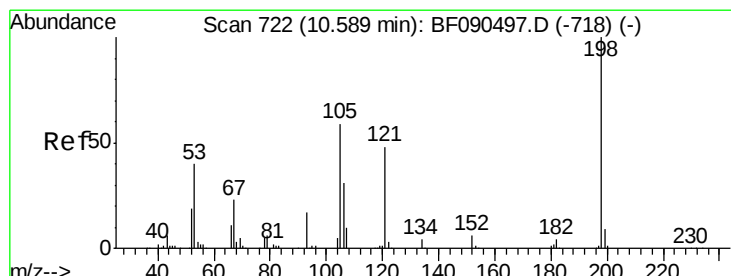
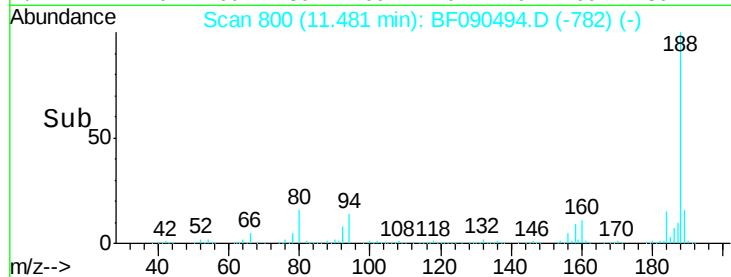
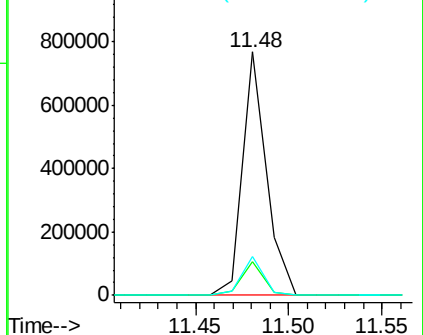
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 686717
 Ion Ratio Lower Upper
 188 100
 94 14.0 8.2 12.2#
 80 15.8 8.8 13.2#

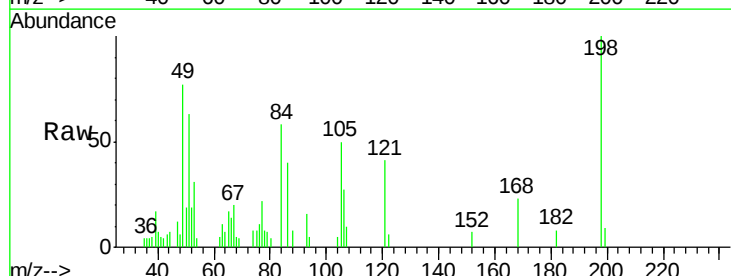


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

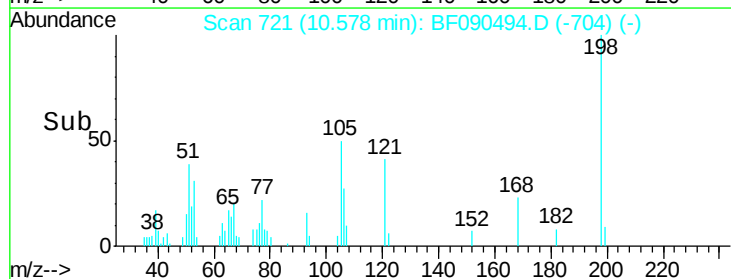
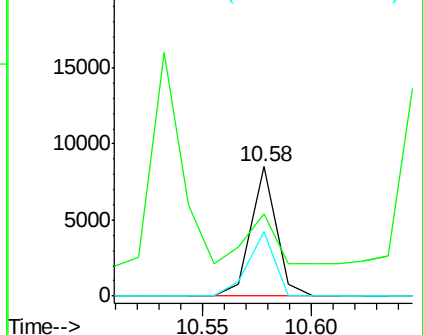


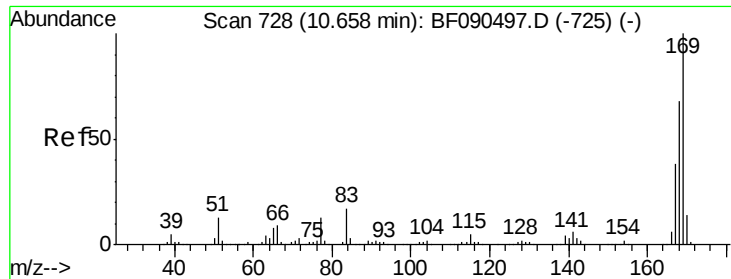
#64
 4,6-Dinitro-2-methylphenol
 Concen: 1.66 ng
 RT: 10.58 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Tgt Ion:198 Resp: 6909
 Ion Ratio Lower Upper
 198 100
 51 63.2 67.3 107.3#
 105 49.6 42.6 82.6



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

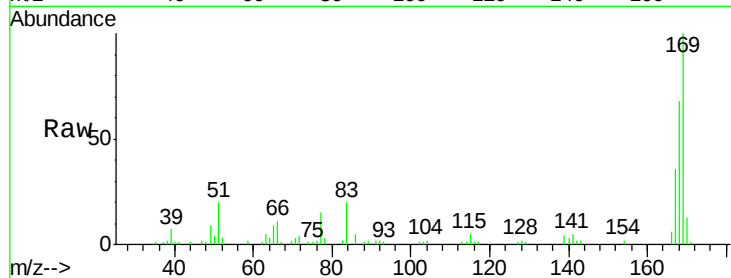




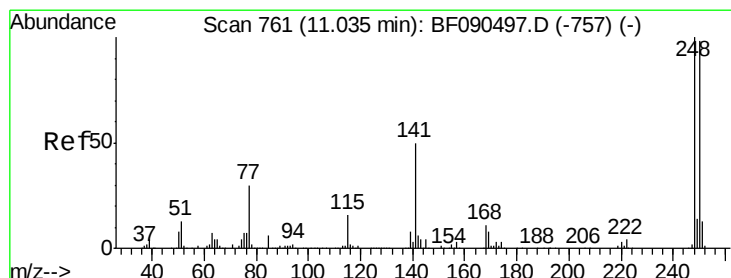
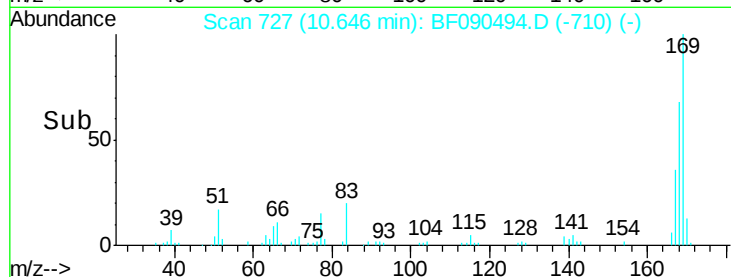
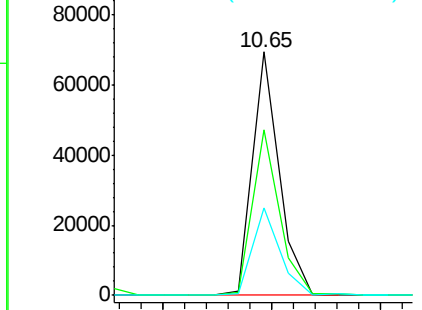
#65
n-Nitrosodiphenylamine
Concen: 2.57 ng
RT: 10.65 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	169	Resp	59168
Ion Ratio	100	Lower	Upper
168	67.8	53.8	80.6
167	35.8	29.8	44.8

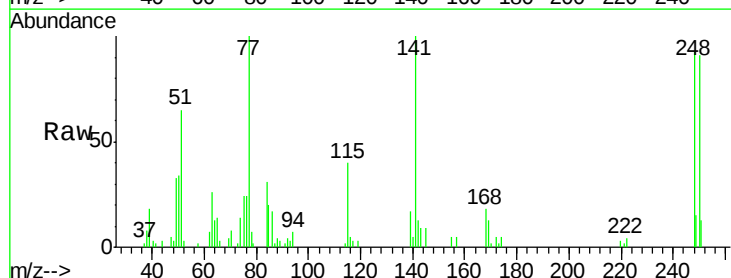


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

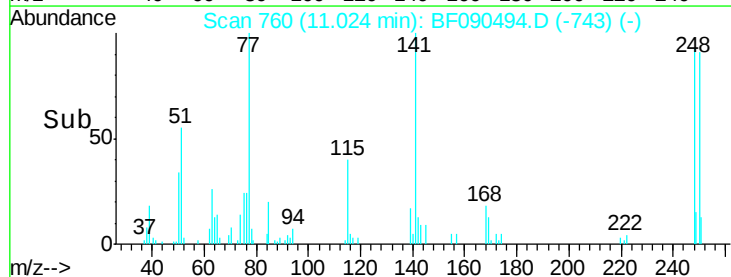
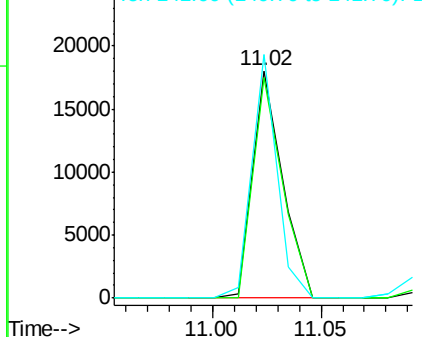


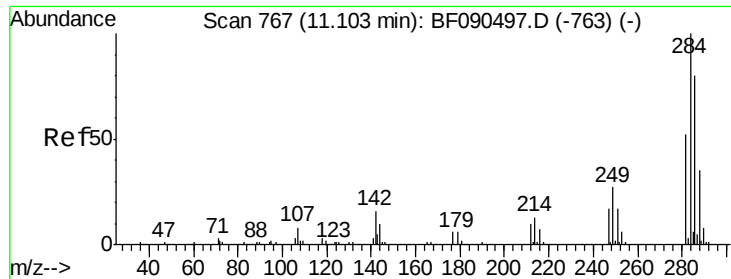
#66
4-Bromophenyl-phenylether
Concen: 2.57 ng
RT: 11.02 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

Tgt Ion	248	Resp	17286
Ion Ratio	100	Lower	Upper
250	97.4	76.5	114.7
141	107.2	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

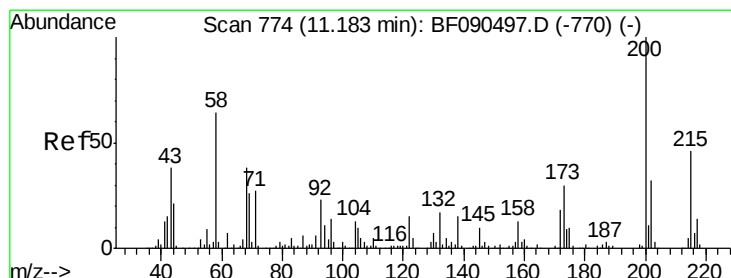
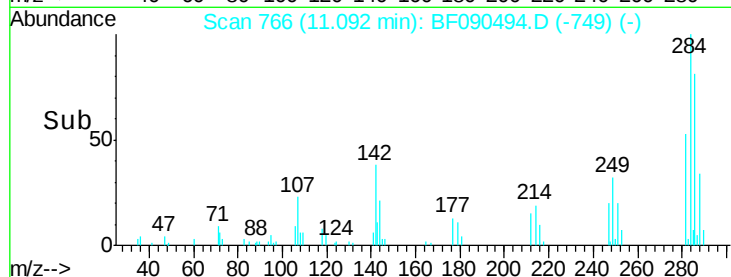
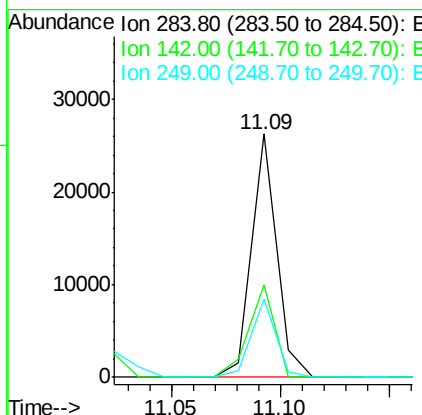
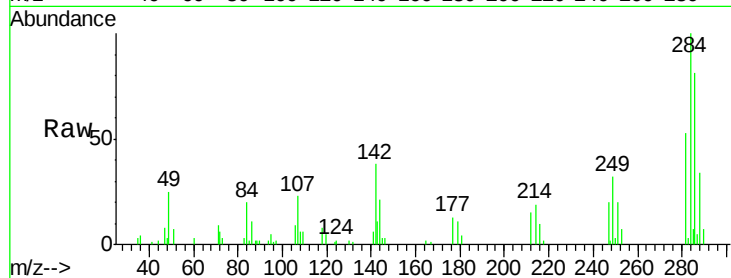




#67
Hexachlorobenzene
Concen: 2.82 ng
RT: 11.09 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

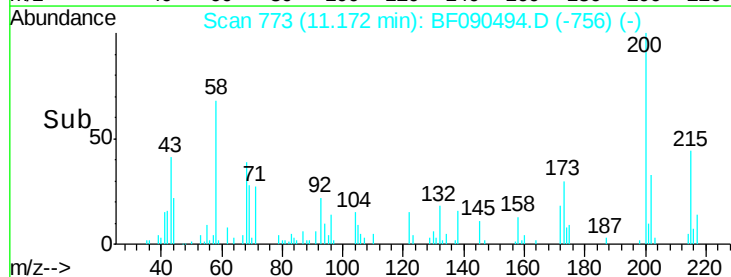
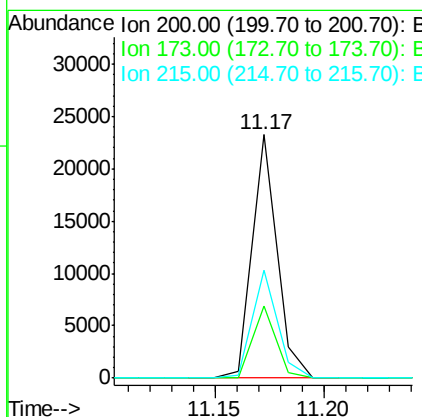
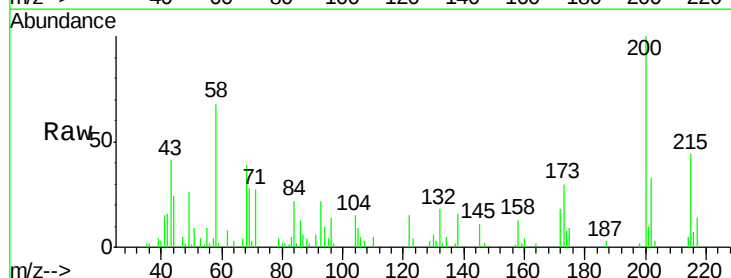
Instrument :
BNA_F
ClientSampleId :

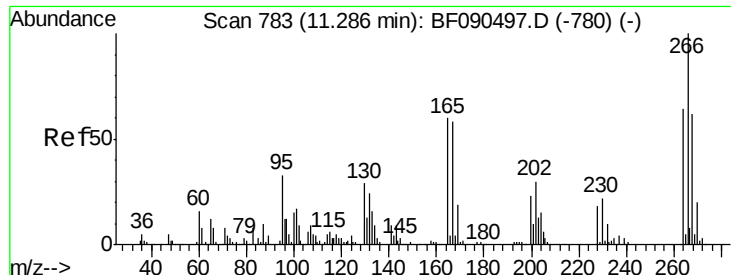
Tot Ion:284 Resp: 21165
Ion Ratio Lower Upper
284 100
142 38.1 23.1 34.7#
249 32.1 26.3 39.5



#68
Atrazine
Concen: 3.26 ng
RT: 11.17 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

Tgt Ion:200 Resp: 18519
Ion Ratio Lower Upper
200 100
173 29.7 9.0 49.0
215 44.1 24.8 64.8

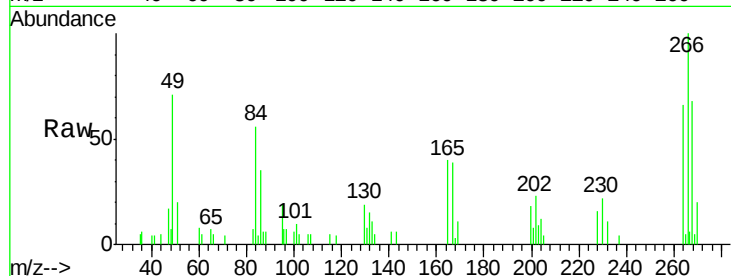




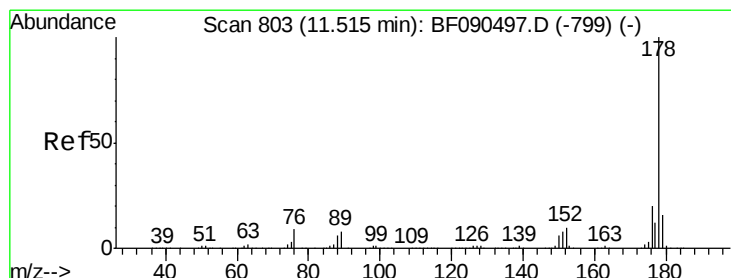
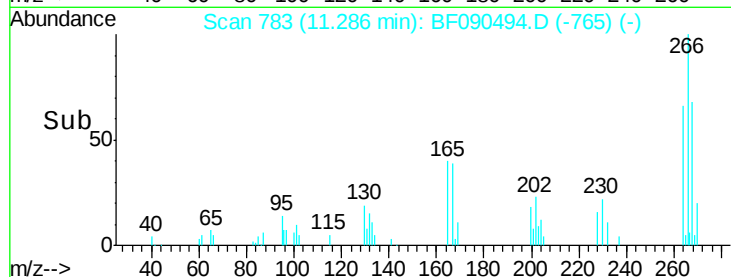
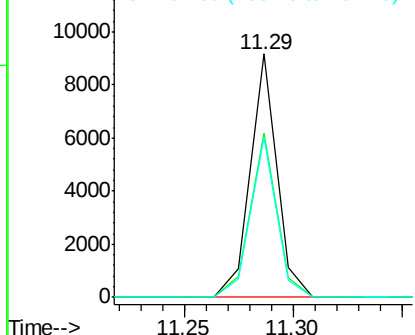
#69
 Pentachlorophenol
 Concen: 1.75 ng
 RT: 11.29 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 7822
 Ion Ratio Lower Upper
 266 100
 268 67.6 50.9 76.3
 264 65.8 51.5 77.3

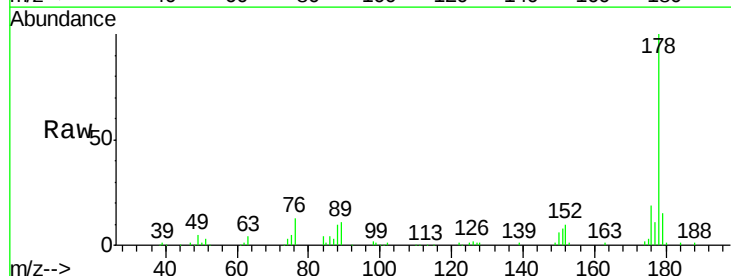


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

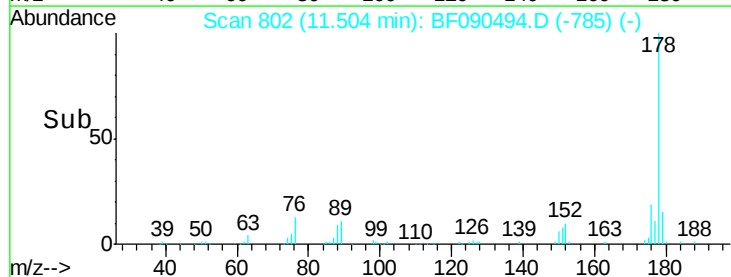
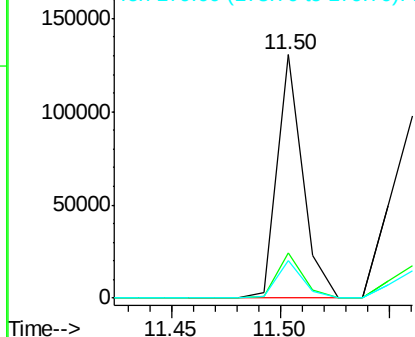


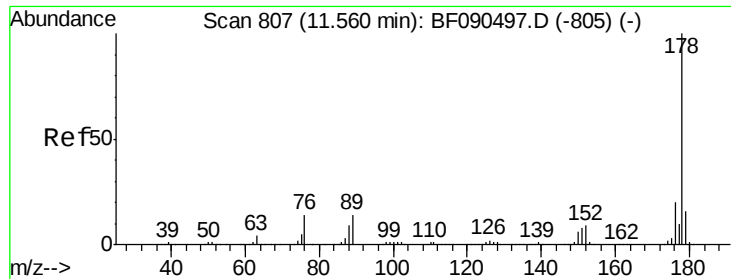
#70
 Phenanthrene
 Concen: 3.06 ng
 RT: 11.50 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Tgt Ion:178 Resp: 107690
 Ion Ratio Lower Upper
 178 100
 176 18.8 17.3 25.9
 179 15.4 13.8 20.6



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

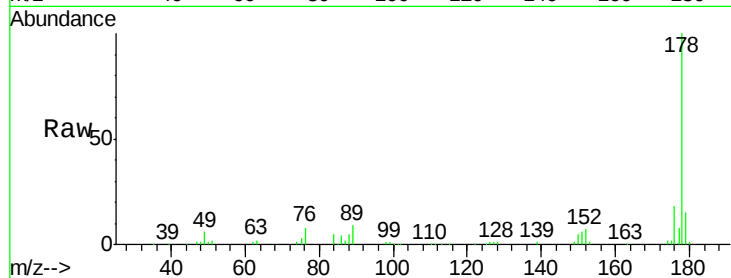




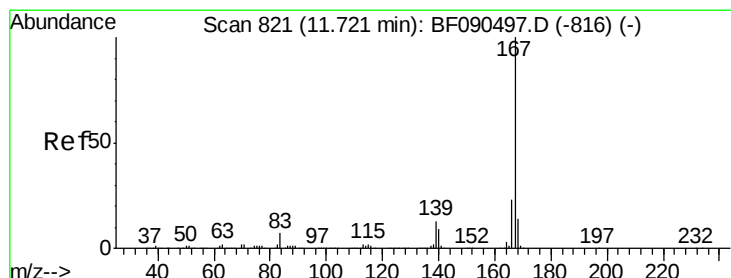
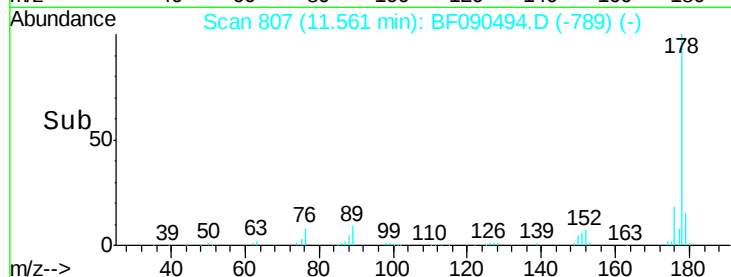
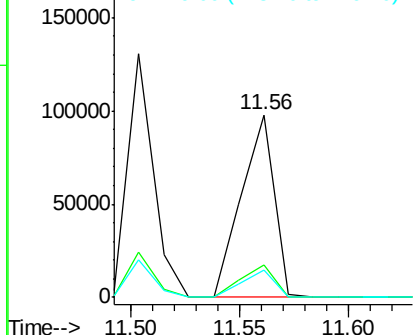
#71
 Anthracene
 Concen: 2.87 ng
 RT: 11.56 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 102882
 Ion Ratio Lower Upper
 178 100
 176 17.5 16.8 25.2
 179 15.2 13.4 20.2

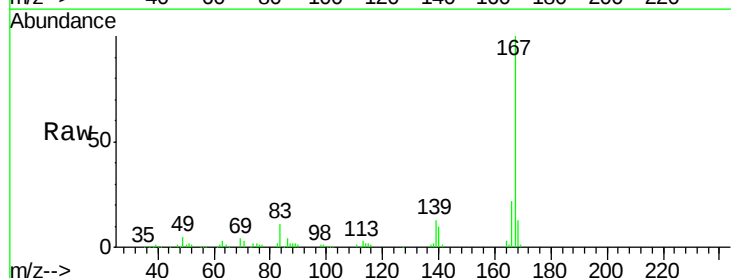


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

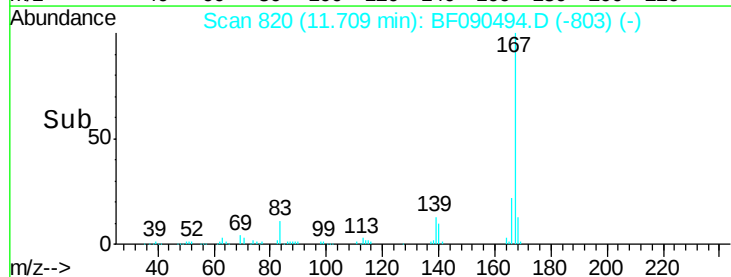
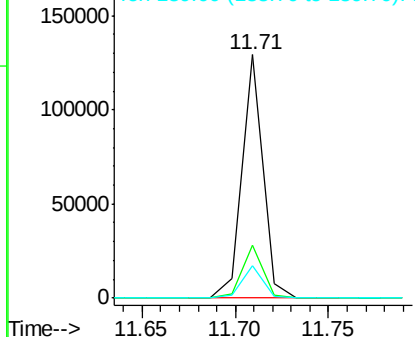


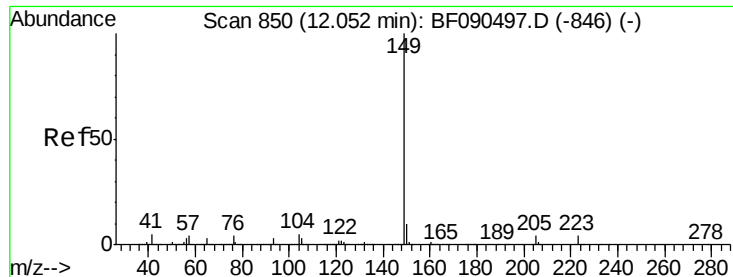
#72
 Carbazole
 Concen: 3.03 ng
 RT: 11.71 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Tgt Ion:167 Resp: 101148
 Ion Ratio Lower Upper
 167 100
 166 21.9 19.1 28.7
 139 13.2 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: 2.71 ng

RT: 12.04 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

Instrument :

BNA_F

ClientSampleId :

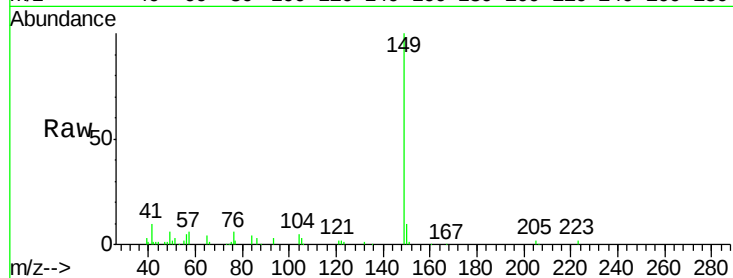
Tot Ion:149 Resp: 109982

Ion Ratio Lower Upper

149 100

150 9.5 8.6 12.8

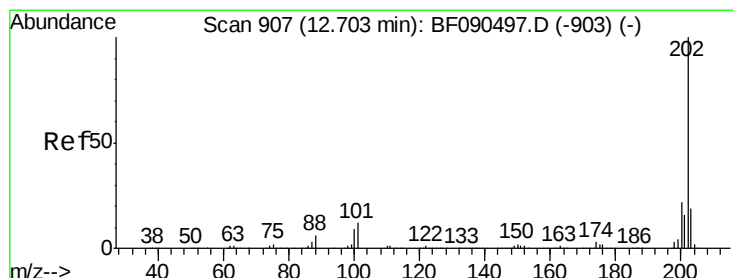
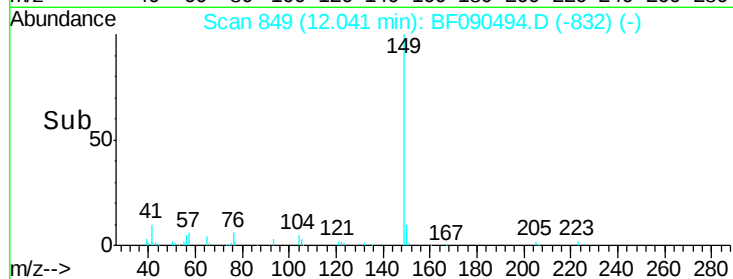
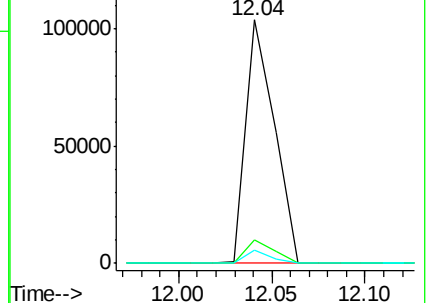
104 5.4 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 2.94 ng

RT: 12.69 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

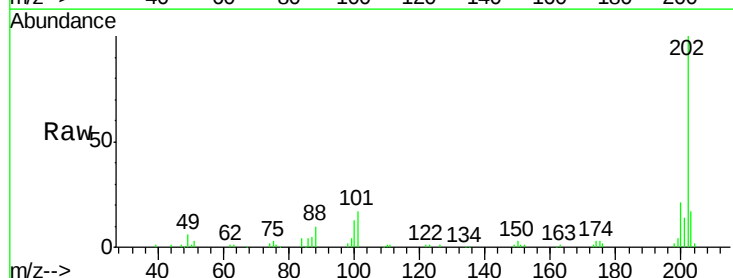
Tgt Ion:202 Resp: 101484

Ion Ratio Lower Upper

202 100

101 17.2 0.0 37.2

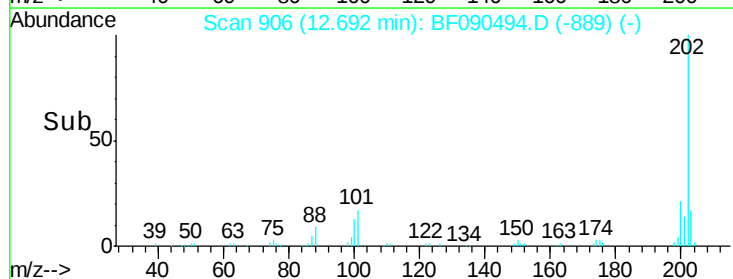
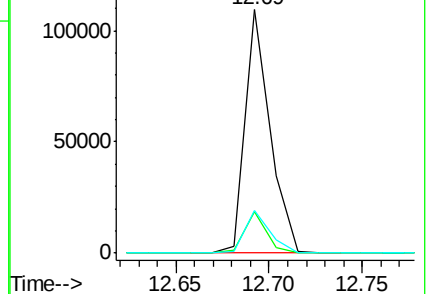
203 17.5 0.0 39.3

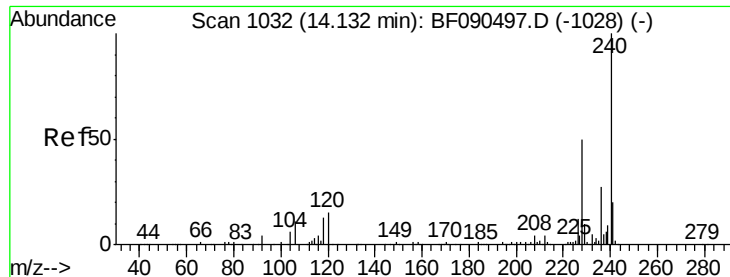


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF090494.D

Acq: 11 Oct 2016 10:57

Instrument :

BNA_F

ClientSampleId :

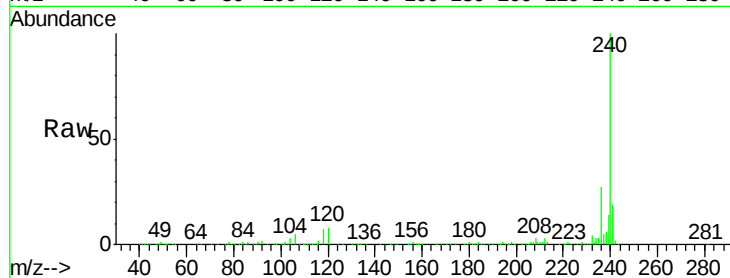
Tot Ion:240 Resp: 641721

Ion Ratio Lower Upper

240 100

120 7.6 8.6 13.0#

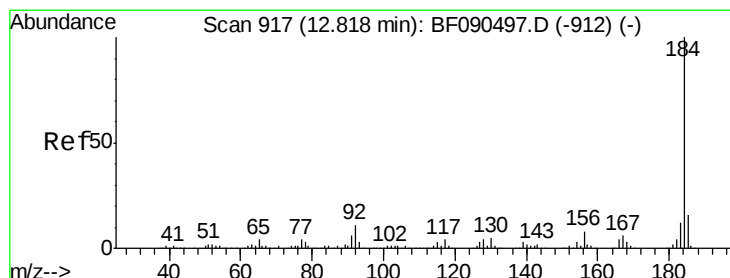
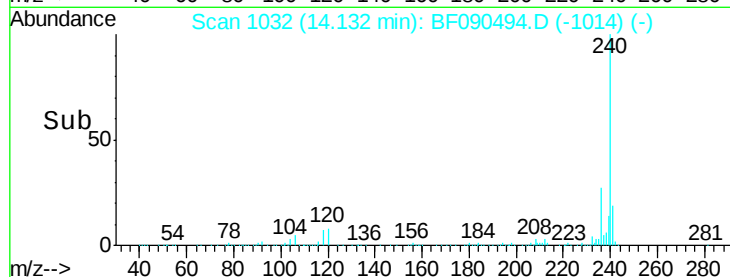
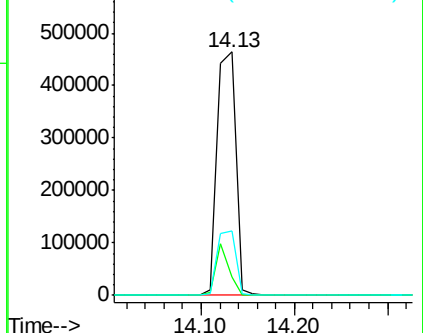
236 26.5 21.6 32.4



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: 2.95 ng

RT: 12.82 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

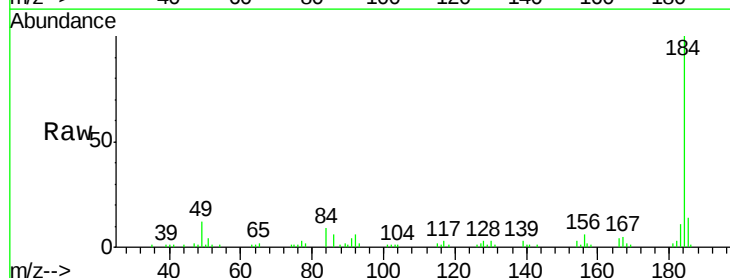
Tgt Ion:184 Resp: 49844

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.8

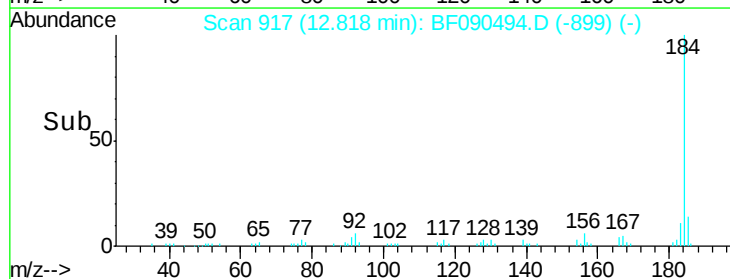
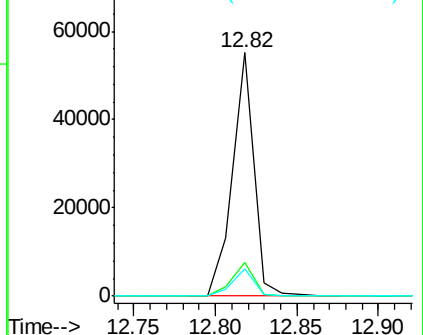
183 11.4 9.6 14.4

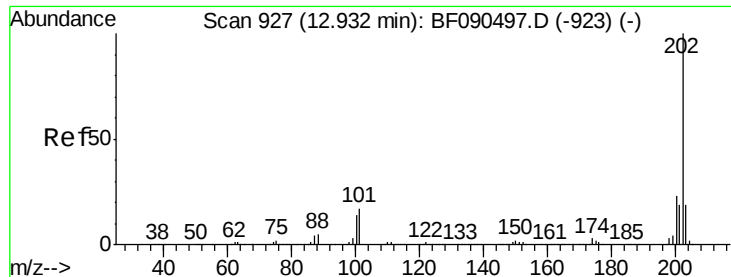


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

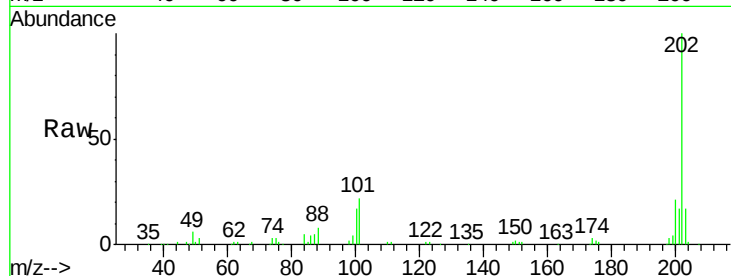




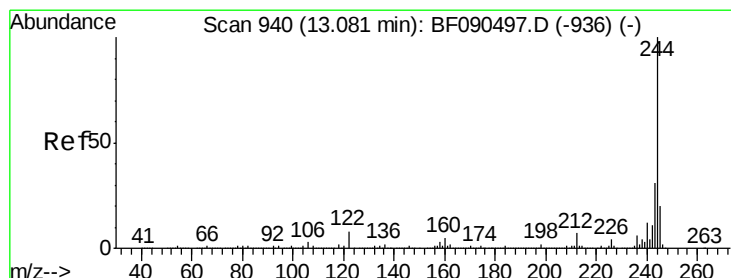
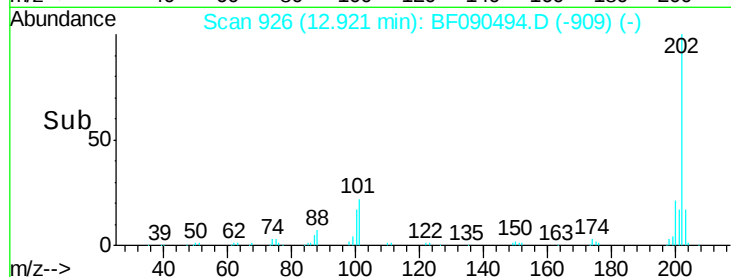
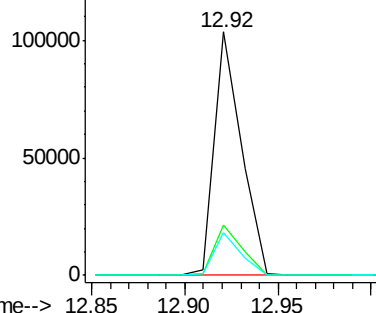
#77
Pvrene
Concen: 2.44 ng
RT: 12.92 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	18.5	27.7
203	17.3	15.0	22.6

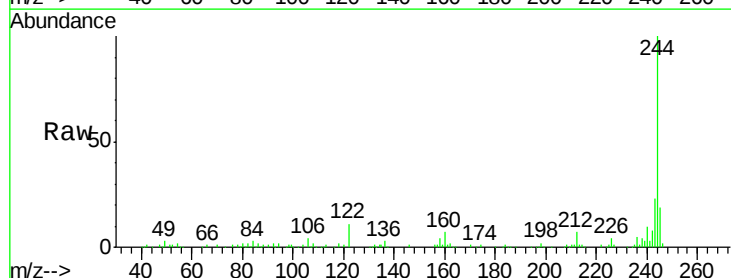


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

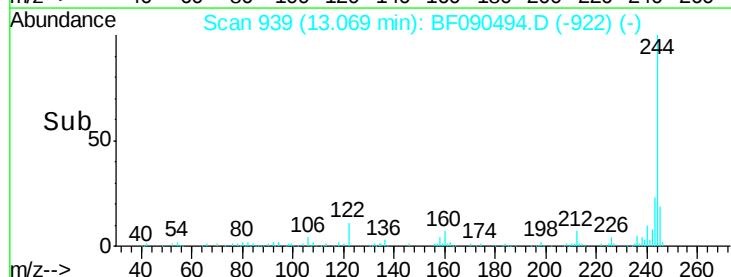
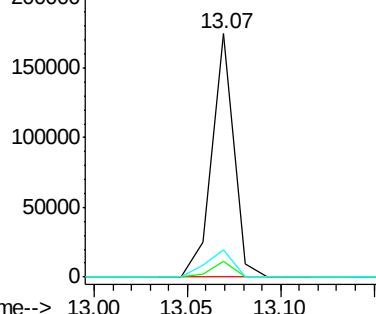


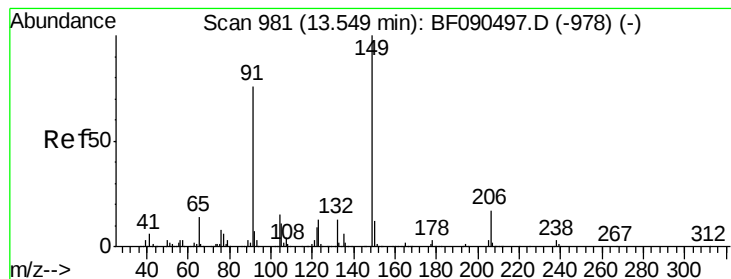
#78
Terphenyl-d14
Concen: 5.05 ng
RT: 13.07 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.8	10.2#
122	11.1	13.3	19.9#



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





#79

Butylbenzylphthalate

Concen: 2.14 ng

RT: 13.55 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

Instrument :

BNA_F

ClientSampleId :

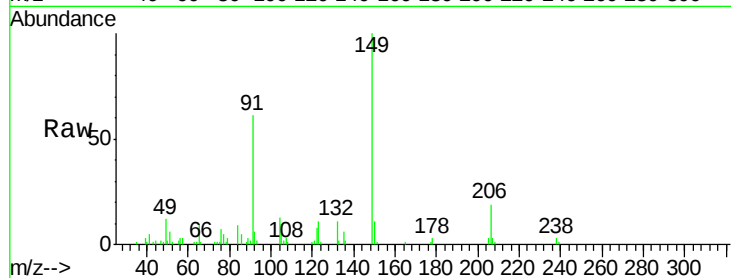
Tot Ion:149 Resp: 47050

Ion Ratio Lower Upper

149 100

91 61.0 51.8 77.8

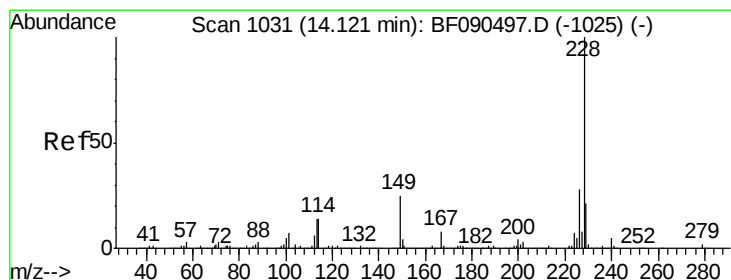
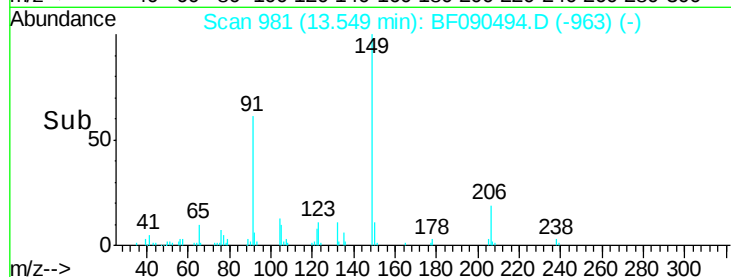
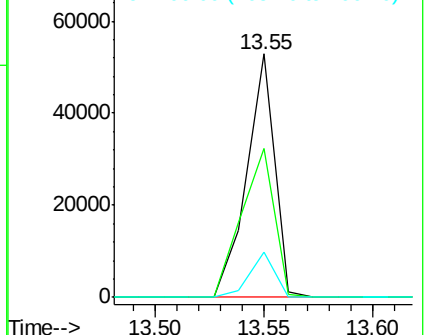
206 18.5 18.0 27.0



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: 2.80 ng

RT: 14.12 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

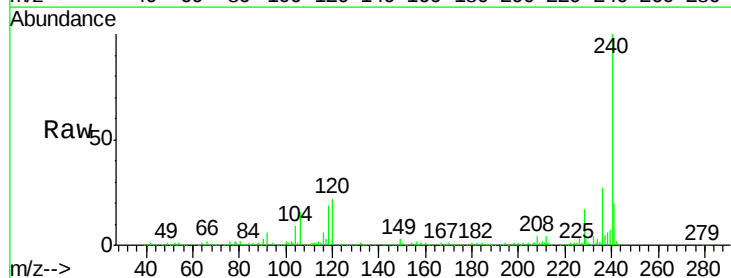
Tgt Ion:228 Resp: 100770

Ion Ratio Lower Upper

228 100

226 26.7 23.6 35.4

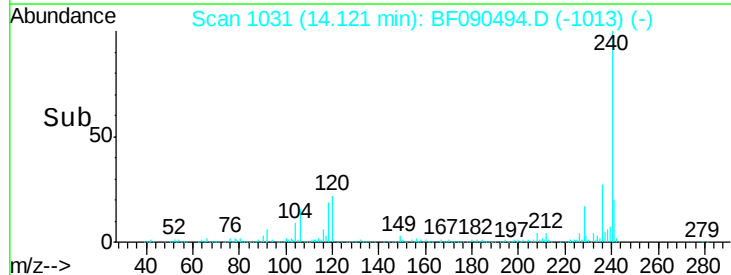
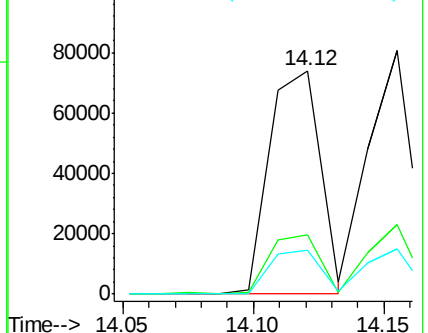
229 19.6 16.6 25.0

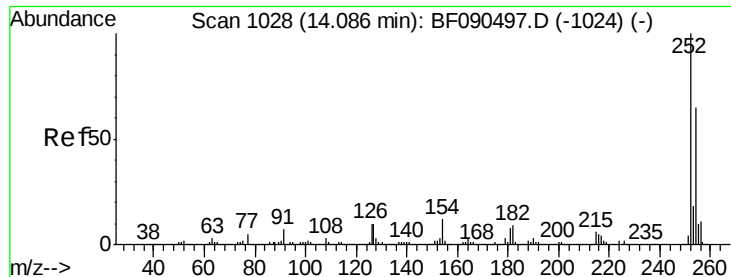


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

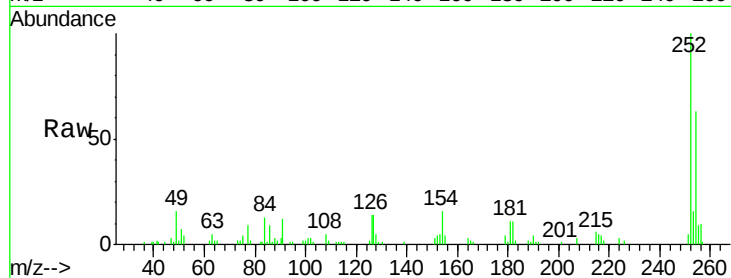




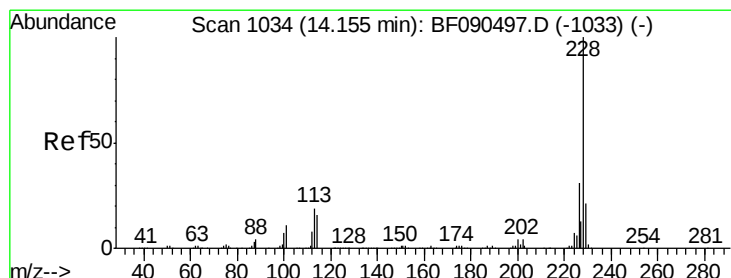
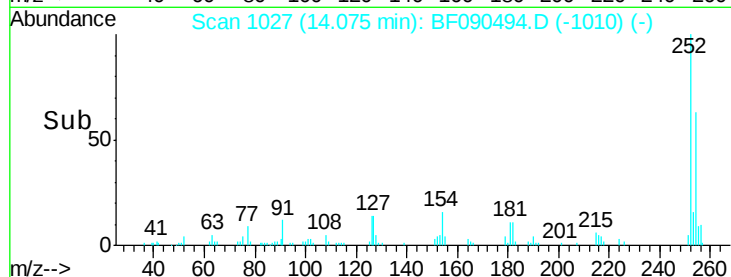
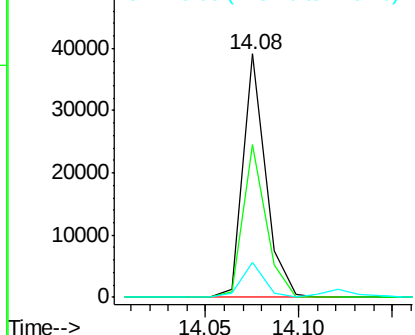
#81
 3,3'-Dichlorobenzidine
 Concen: 2.55 ng
 RT: 14.08 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 33284
 Ion Ratio Lower Upper
 252 100
 254 62.8 52.1 78.1
 126 14.5 4.2 6.4#

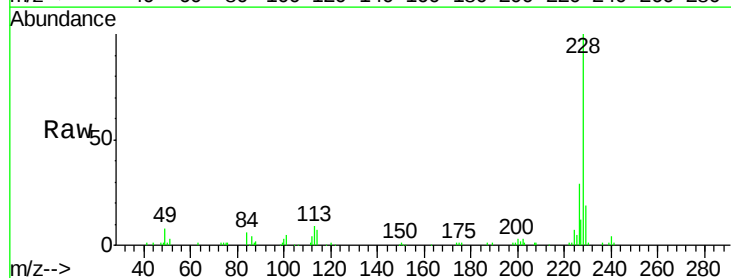


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

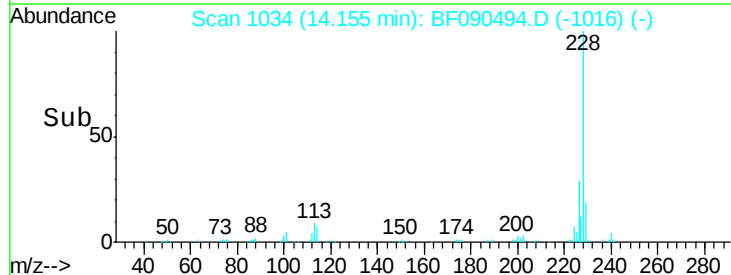
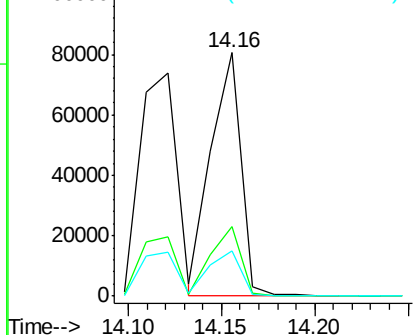


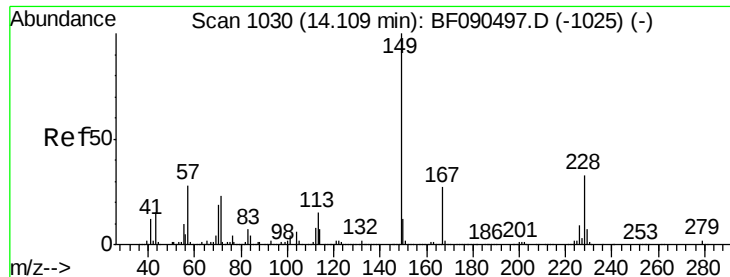
#82
 Chrysene
 Concen: 2.75 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Tgt Ion:228 Resp: 91203
 Ion Ratio Lower Upper
 228 100
 226 28.5 25.8 38.6
 229 18.8 16.9 25.3



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

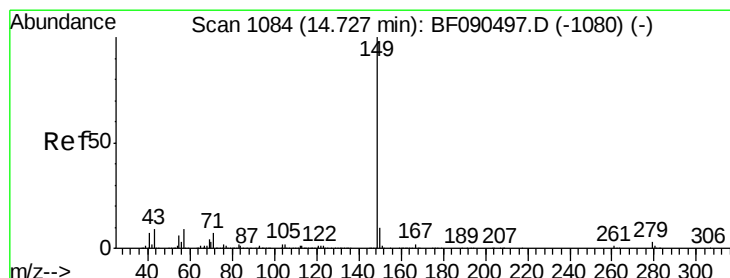
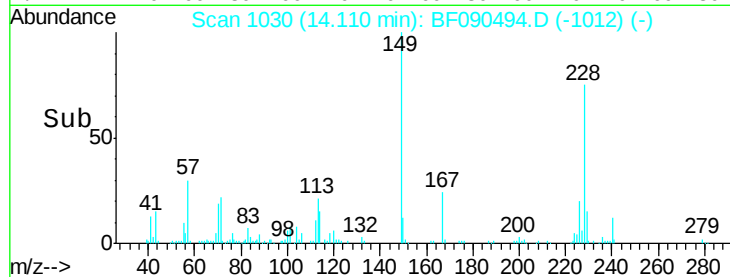
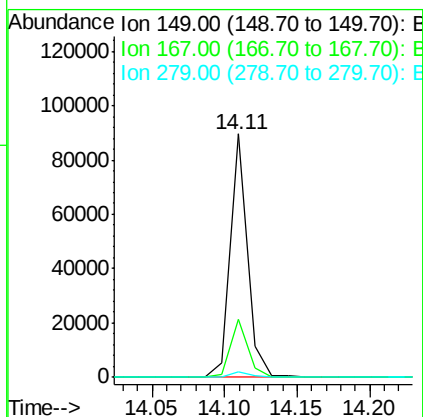
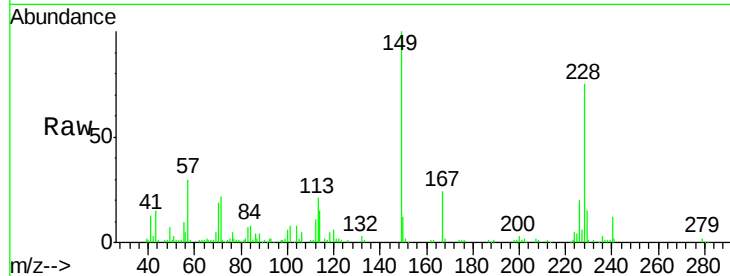




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.37 ng
 RT: 14.11 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

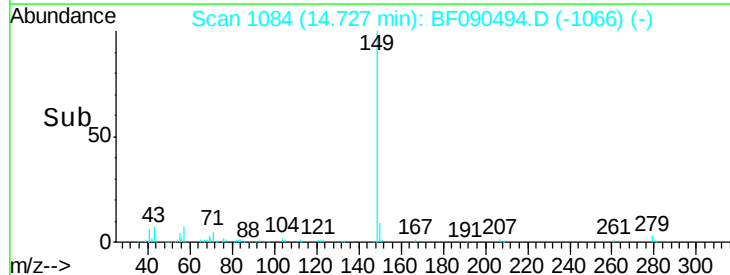
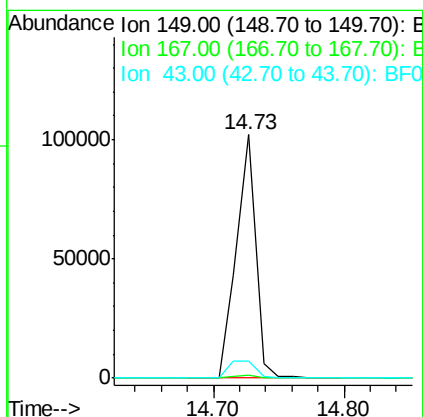
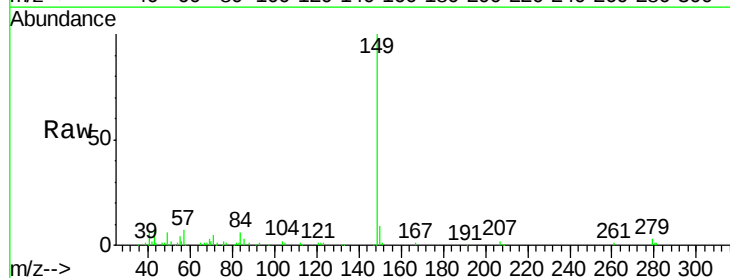
Instrument :
 BNA_F
 ClientSampleId :

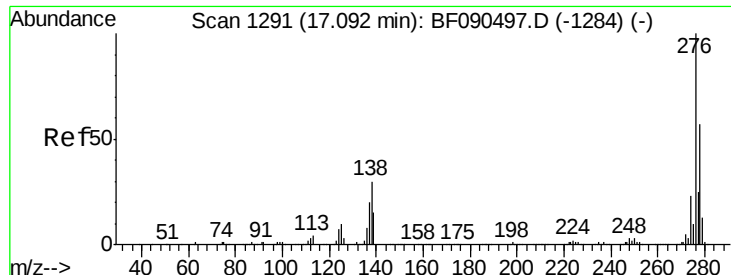
Tot Ion:149 Resp: 73888
 Ion Ratio Lower Upper
 149 100
 167 23.7 21.5 32.3
 279 2.2 2.6 3.8#



#84
 Di-n-octyl phthalate
 Concen: 2.27 ng
 RT: 14.73 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Tgt Ion:149 Resp: 104953
 Ion Ratio Lower Upper
 149 100
 167 1.3 1.3 1.9
 43 10.4 11.8 17.8#

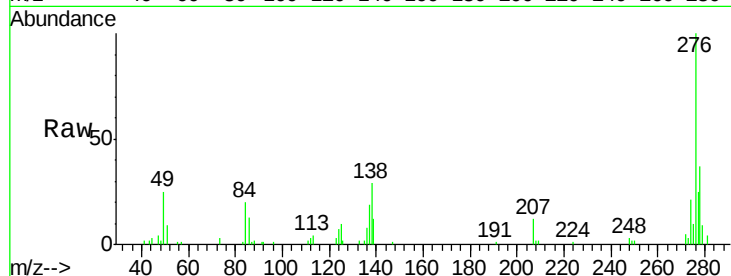




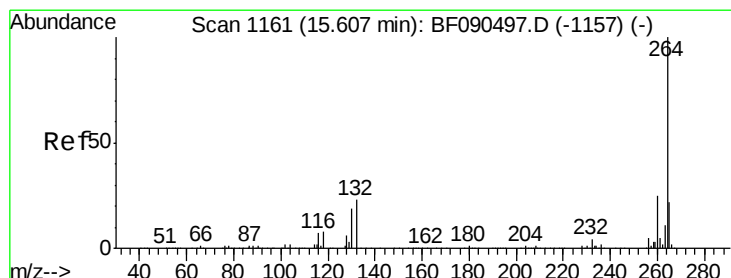
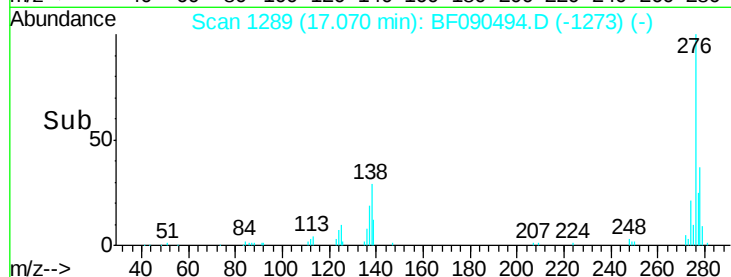
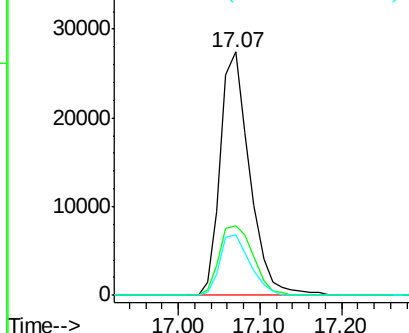
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.91 ng
 RT: 17.07 min Scan# 1289
 Delta R.T. -0.02 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 68754
 Ion Ratio Lower Upper
 276 100
 138 33.1 23.8 35.8
 277 25.4 20.4 30.6

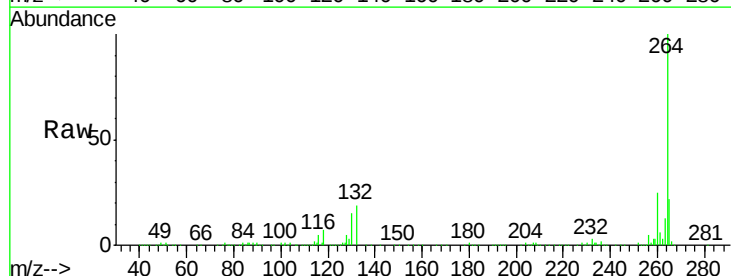


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

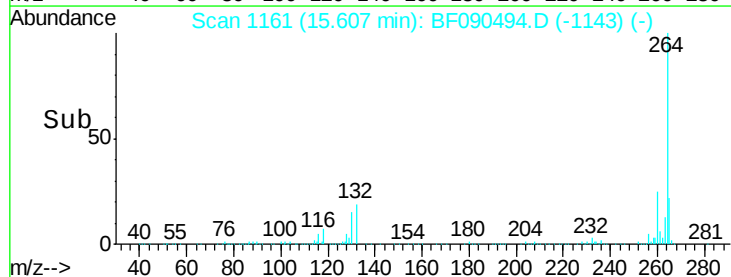
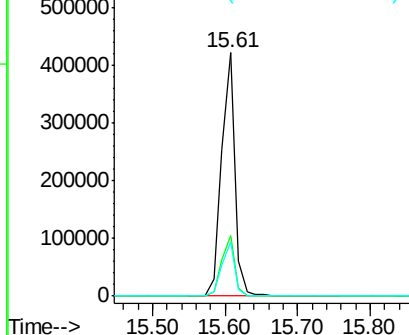


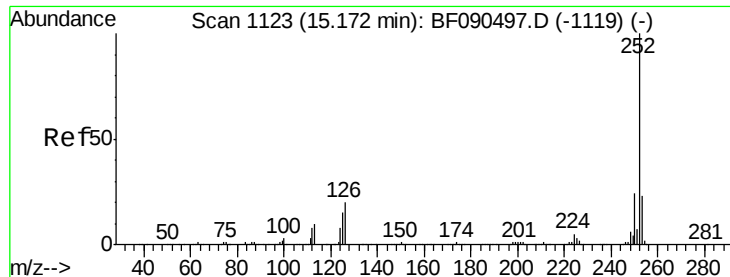
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Tgt Ion:264 Resp: 537430
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.3 28.9
 265 22.1 17.4 26.0



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

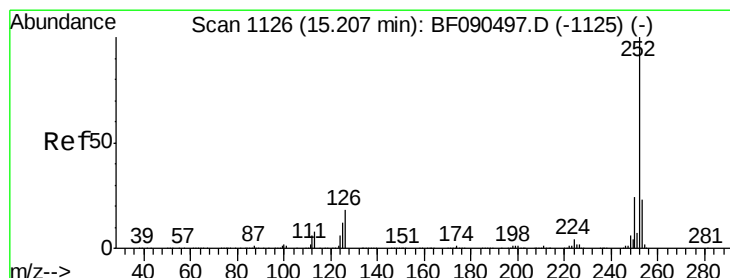
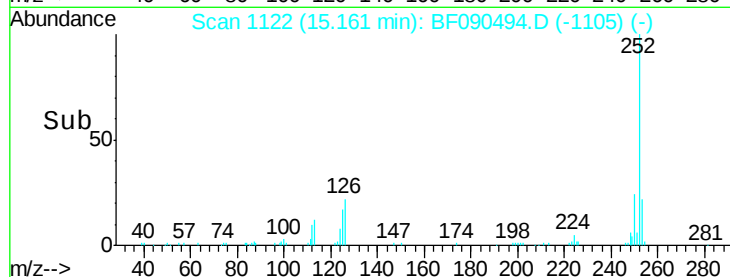
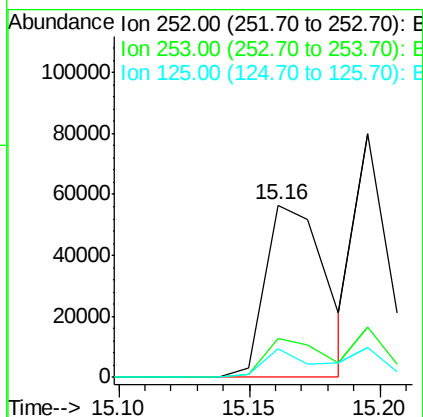
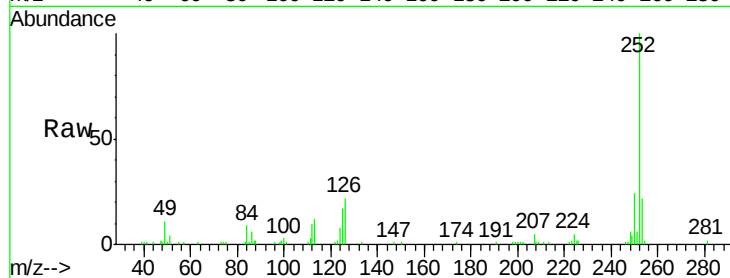




#87
Benzo(b)fluoranthene
Concen: 2.66 ng
RT: 15.16 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

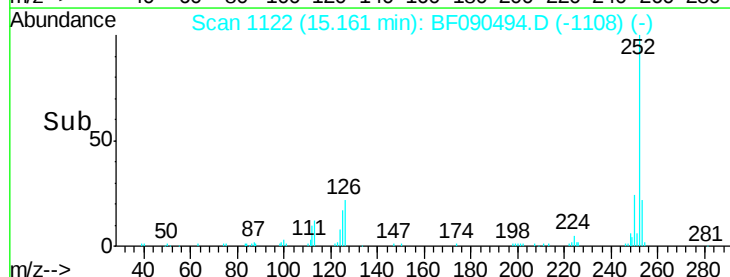
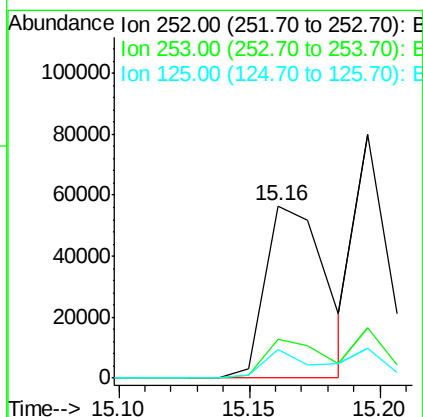
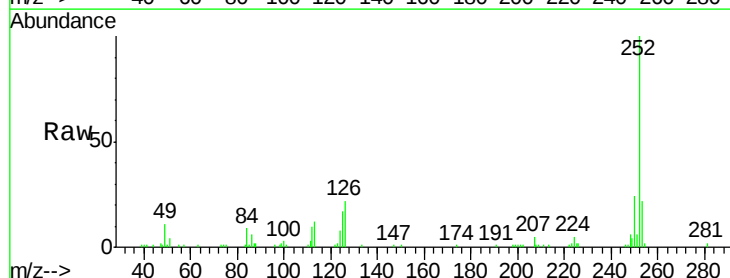
Instrument :
BNA_F
ClientSampled :

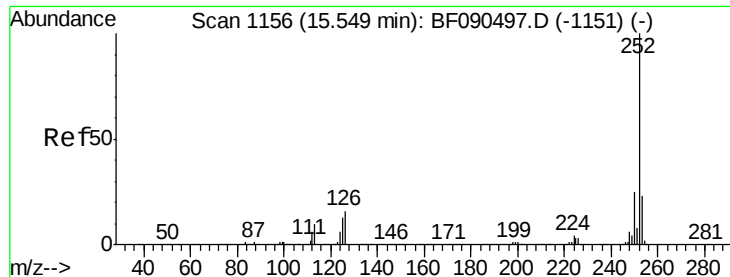
Tot Ion:252 Resp: 90980
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 16.8 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 2.83 ng
RT: 15.16 min Scan# 1122
Delta R.T. -0.05 min
Lab File: BF090494.D
Acq: 11 Oct 2016 10:57

Tgt Ion:252 Resp: 90980
Ion Ratio Lower Upper
252 100
253 22.3 18.6 27.8
125 16.8 11.7 17.5





#89

Benzo(a)pyrene

Concen: 2.46 ng

RT: 15.54 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

Instrument :

BNA_F

ClientSampleId :

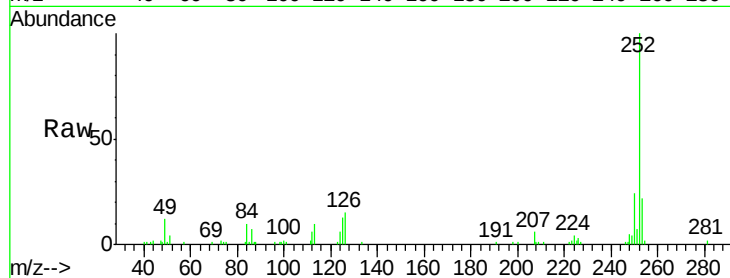
Tot Ion:252 Resp: 72650

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

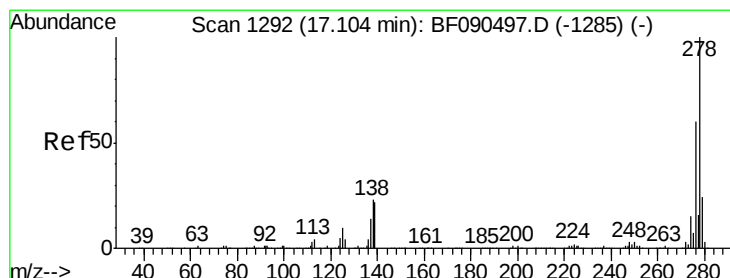
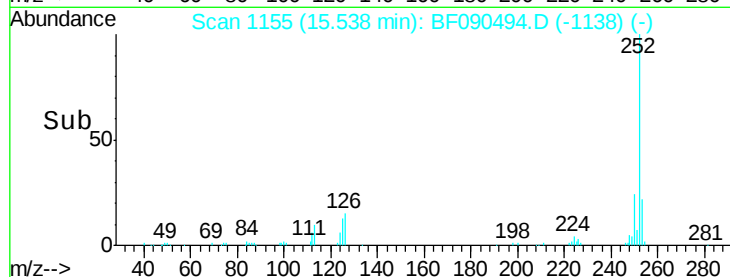
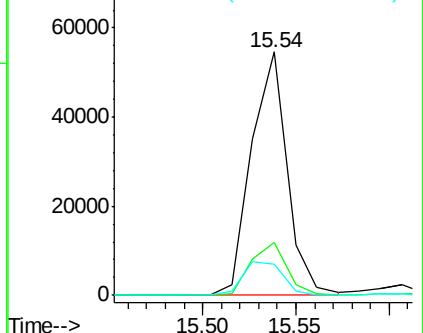
125 12.6 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 2.38 ng

RT: 17.09 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF090494.D

Acq: 11 Oct 2016 10:57

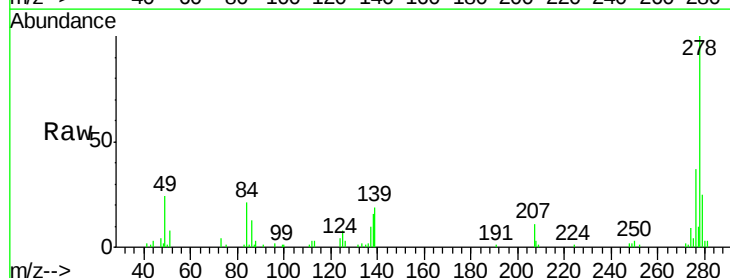
Tgt Ion:278 Resp: 59697

Ion Ratio Lower Upper

278 100

139 18.8 12.8 19.2

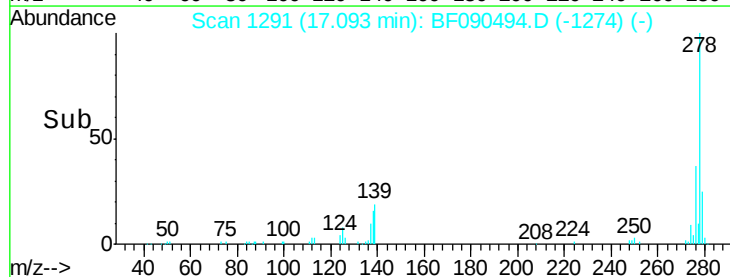
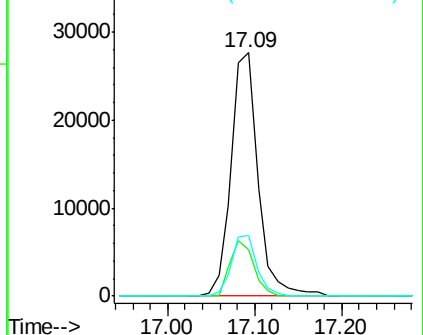
279 24.9 19.6 29.4

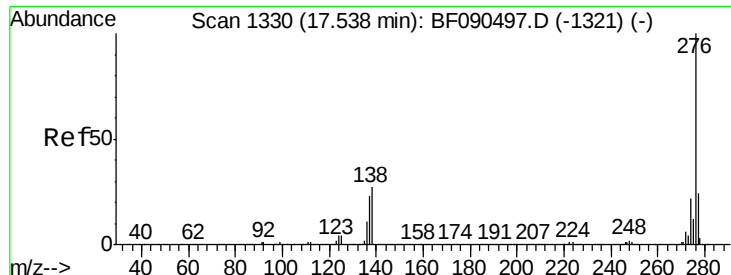


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

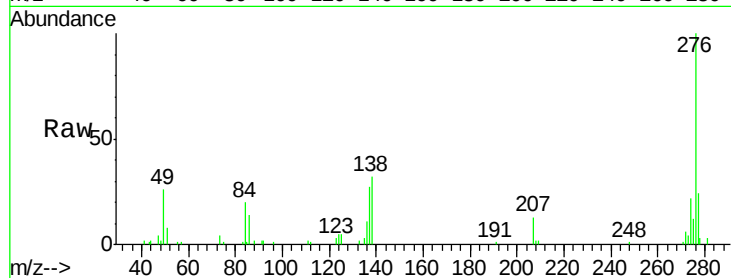




#91
 Benzo(a,h,i)perylene
 Concen: 2.37 ng
 RT: 17.50 min Scan# 1327
 Delta R.T. -0.03 min
 Lab File: BF090494.D
 Acq: 11 Oct 2016 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.0
138	31.7	20.8	31.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

