

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090498.D
 Acq On : 11 Oct 2016 12:47
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 13:19:22 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	213558	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	862634	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	432338	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	727694	20.00	ng	0.01
75) Chrysene-d12	14.13	240	671965	20.00	ng	0.00
86) Perylene-d12	15.61	264	548719	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1318563	92.15	ng	0.00
7) Phenol-d6	6.59	99	1589916	84.84	ng	0.00
23) Nitrobenzene-d5	7.53	82	1541392	86.92	ng	0.01
41) 2,4,6-Tribromophenol	10.79	330	490673	139.57	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2281773	87.93	ng	0.00
78) Terphenyl-d14	13.08	244	2812480	94.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	322238	45.68	ng	# 83
3) Pyridine	3.37	79	927000	47.13	ng	# 76
4) n-Nitrosodimethylamine	3.32	42	290316	35.77	ng	# 43
6) Aniline	6.61	93	1038311	40.11	ng	99
8) 2-Chlorophenol	6.74	128	656783	41.71	ng	99
9) Benzaldehyde	6.50	77	502006	52.99	ng	97
10) Phenol	6.60	94	927311	42.56	ng	96
11) bis(2-Chloroethyl)ether	6.69	93	726827	43.57	ng	96
12) 1,3-Dichlorobenzene	6.90	146	781138	49.76	ng	99
13) 1,4-Dichlorobenzene	6.90	146	781138	49.00	ng	97
14) 1,2-Dichlorobenzene	7.13	146	702551	45.74	ng	99
15) Benzyl Alcohol	7.09	79	610753	42.87	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	974348	34.44	ng	88
17) 2-Methylphenol	7.21	107	550587	42.51	ng	99
18) Hexachloroethane	7.47	117	279763	44.51	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	501847	36.52	ng	# 82
20) 3+4-Methylphenols	7.37	107	710185	42.37	ng	# 76
22) Acetophenone	7.37	105	867002	42.43	ng	# 95
24) Nitrobenzene	7.54	77	737221	41.87	ng	97
25) Isophorone	7.78	82	1298090	40.04	ng	99
26) 2-Nitrophenol	7.86	139	409303	54.01	ng	96
27) 2,4-Dimethylphenol	7.89	122	589167	39.98	ng	96
28) bis(2-Chloroethoxy)methane	7.99	93	818344	42.68	ng	99
29) 2,4-Dichlorophenol	8.10	162	515870	46.04	ng	92
30) 1,2,4-Trichlorobenzene	8.19	180	600130	51.97	ng	# 93
31) Naphthalene	8.27	128	2005179	48.18	ng	98
32) Benzoic acid	8.03	122	536961	52.41	ng	99
33) 4-Chloroaniline	8.31	127	876351	50.94	ng	# 89
34) Hexachlorobutadiene	8.38	225	332327	51.51	ng	99
35) Caprolactam	8.69	113	184332	48.93	ng	# 58
36) 4-Chloro-3-methylphenol	8.79	107	632921	45.12	ng	98
37) 2-Methylnaphthalene	8.95	142	1190163	47.24	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	634161	55.64	ng	99
40) Hexachlorocyclopentadiene	9.11	237	311856	49.91	ng	98

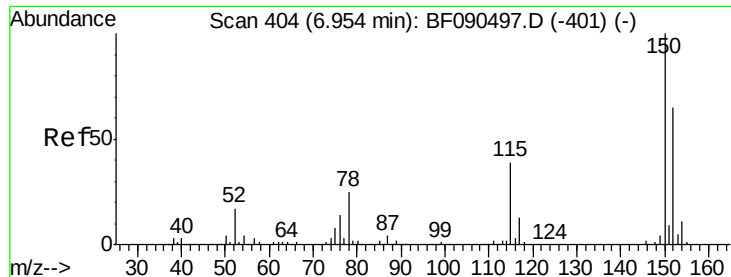
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090498.D
 Acq On : 11 Oct 2016 12:47
 Operator : UM/SJ
 Sample : SSTDICC050
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 QLast Update : Tue Oct 11 13:13:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	379639	48.27	nq	96
43) 2,4,5-Trichlorophenol	9.27	196	425563	57.22	nq	# 92
45) 1,1'-Biphenyl	9.42	154	1664972	51.97	nq	97
46) 2-Chloronaphthalene	9.45	162	1172864	49.55	nq	98
47) 2-Nitroaniline	9.54	65	414949	44.43	nq	97
48) Acenaphthylene	9.87	152	1891106	48.42	nq	98
49) Dimethylphthalate	9.72	163	1252600	45.24	nq	99
50) 2,6-Dinitrotoluene	9.78	165	299891	48.78	nq	96
51) Acenaphthene	10.04	154	1295725	53.21	nq	100
52) 3-Nitroaniline	9.95	138	334470	46.58	nq	94
53) 2,4-Dinitrophenol	10.05	184	176440	64.38	nq	# 86
54) Dibenzofuran	10.21	168	1690544	53.63	nq	97
55) 4-Nitrophenol	10.11	139	327369	52.10	nq	88
56) 2,4-Dinitrotoluene	10.19	165	455234	55.64	nq	91
57) Fluorene	10.55	166	1392457	52.57	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	359646	64.75	nq	95
59) Diethylphthalate	10.42	149	1400094	48.87	nq	# 91
60) 4-Chlorophenyl-phenylether	10.54	204	693229	57.56	nq	91
61) 4-Nitroaniline	10.57	138	376392	52.02	nq	94
62) Azobenzene	10.70	77	1580499	47.76	nq	89
64) 4,6-Dinitro-2-methylphenol	10.60	198	250163	56.65	nq	# 32
65) n-Nitrosodiphenylamine	10.66	169	1071013	43.92	nq	99
66) 4-Bromophenyl-phenylether	11.03	248	438555	61.48	nq	# 90
67) Hexachlorobenzene	11.10	284	470810	59.27	nq	# 88
68) Atrazine	11.18	200	325904	54.20	nq	98
69) Pentachlorophenol	11.29	266	249422	52.75	nq	99
70) Phenanthrene	11.51	178	1994163	53.52	nq	99
71) Anthracene	11.56	178	1833246	48.18	nq	98
72) Carbazole	11.72	167	1962007	55.50	nq	98
73) Di-n-butylphthalate	12.05	149	2330094	54.16	nq	# 98
74) Fluoranthene	12.70	202	2024843	55.40	nq	96
76) Benzidine	12.82	184	916305	51.86	nq	97
77) Pyrene	12.93	202	1977840	44.14	nq	100
79) Butylbenzylphthalate	13.55	149	916924	39.88	nq	# 84
80) Benzo(a)anthracene	14.12	228	1905938	50.55	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	771383	56.43	nq	# 98
82) Chrysene	14.17	228	1859644	53.59	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	1349476	41.30	nq	# 99
84) Di-n-octyl phthalate	14.73	149	2164726	44.68	nq	# 87
85) Indeno(1,2,3-cd)pyrene	17.09	276	1567445	63.36	nq	97
87) Benzo(b)fluoranthene	15.18	252	1884206	53.91	nq	99
88) Benzo(k)fluoranthene	15.18	252	1884206	57.39	nq	# 95
89) Benzo(a)pyrene	15.55	252	1585580	52.63	nq	99
90) Dibenzo(a,h)anthracene	17.12	278	1373545	53.59	nq	99
91) Benzo(g,h,i)perylene	17.54	276	1256209	51.07	nq	96

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

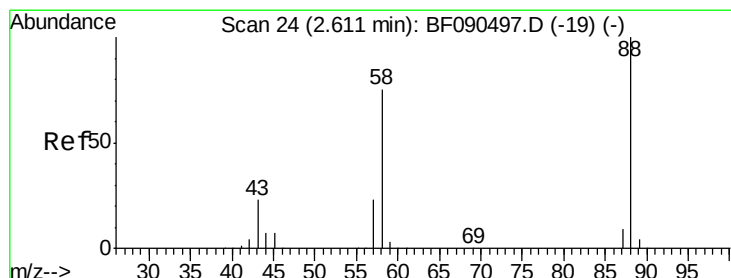
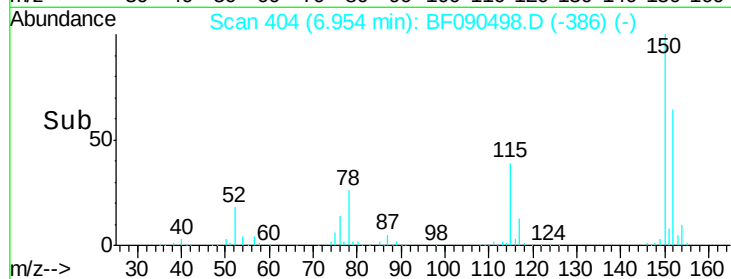
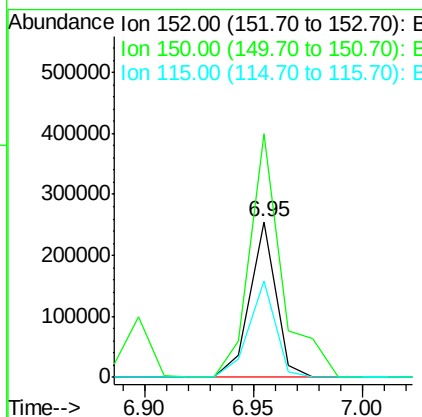
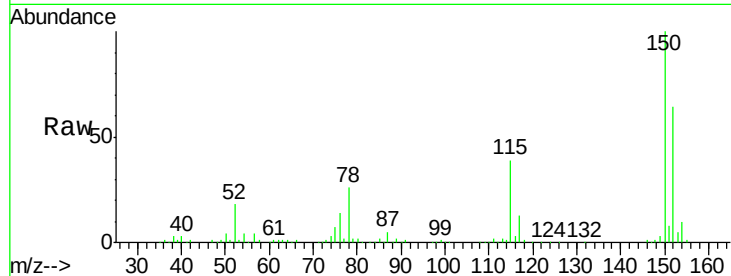


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

Instrument :
BNA_F
ClientSampled :

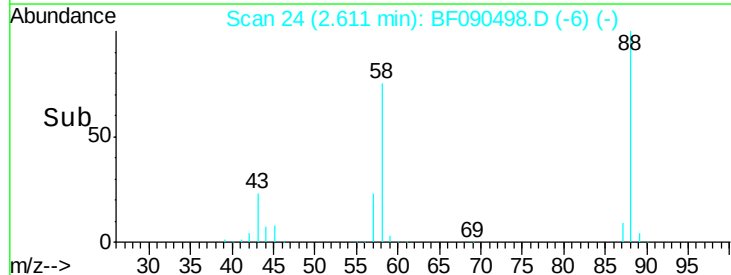
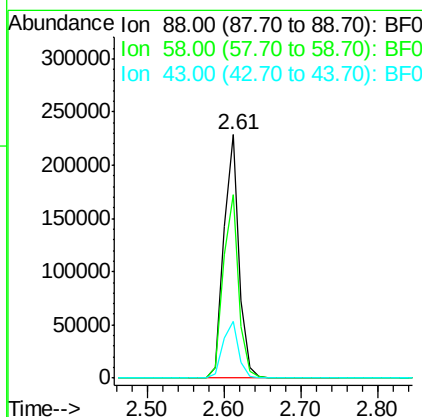
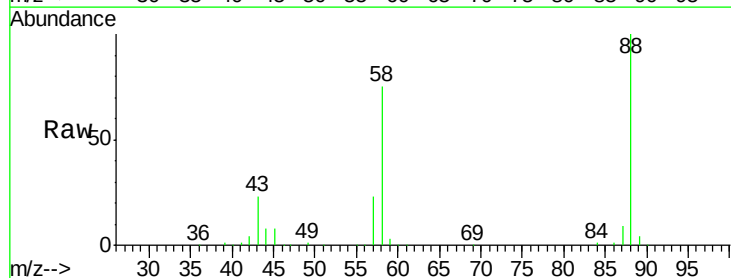
Tot Ion:152 Resp: 213558
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 61.6 46.2 69.4

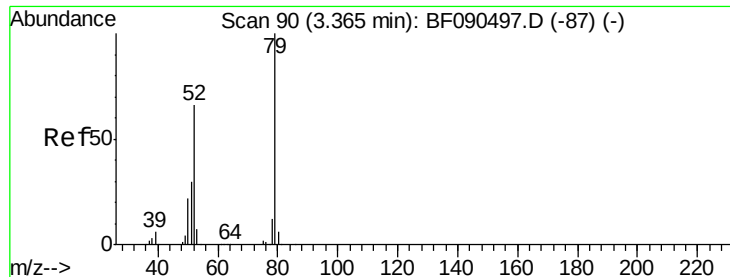


#2

1,4-Dioxane
Concen: 45.68 ng
RT: 2.61 min Scan# 24
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

Tgt Ion: 88 Resp: 322238
Ion Ratio Lower Upper
88 100
58 75.8 71.2 106.8
43 23.7 29.8 44.6#

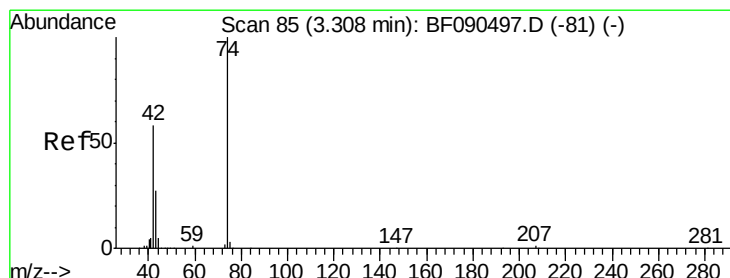
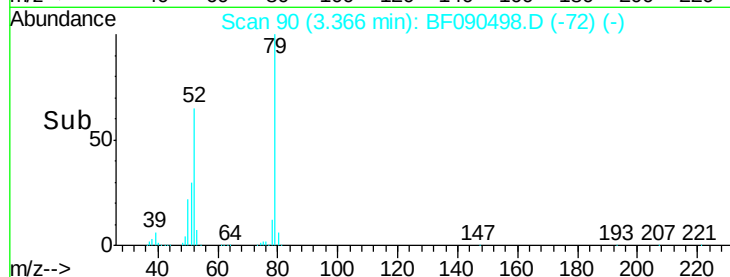
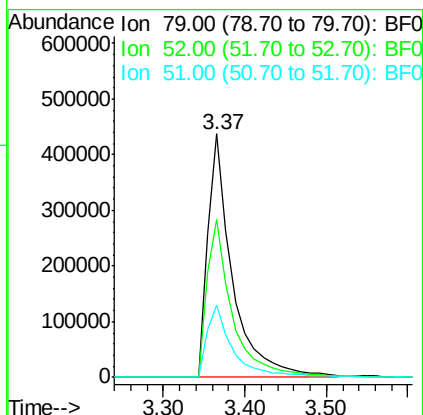
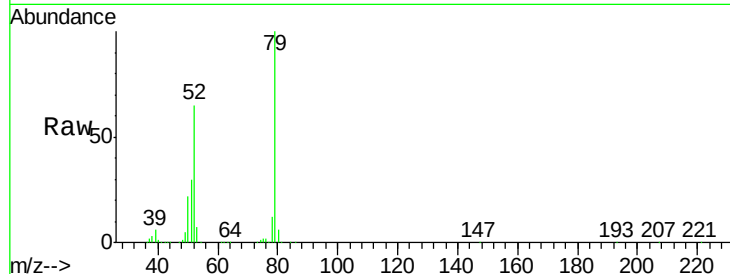




#3
 Pvridine
 Concen: 47.13 ng
 RT: 3.37 min Scan# 90
 Delta R.T. 0.00 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

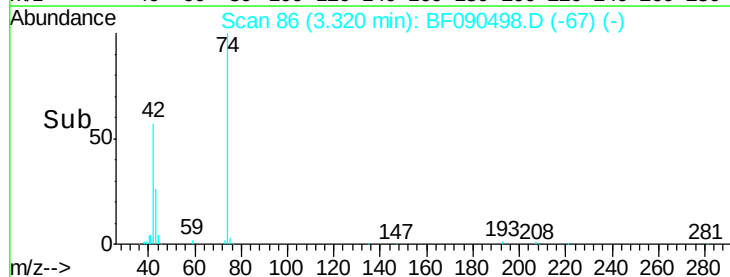
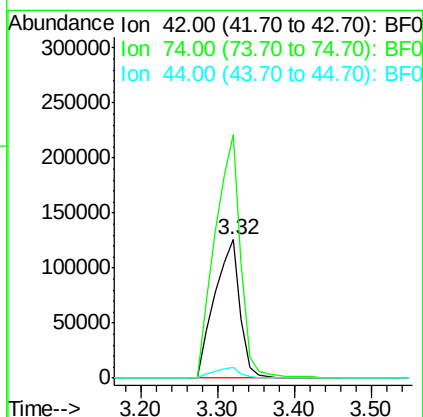
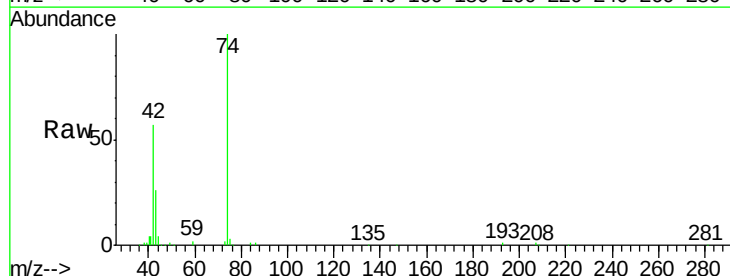
Instrument :
 BNA_F
 ClientSampled :

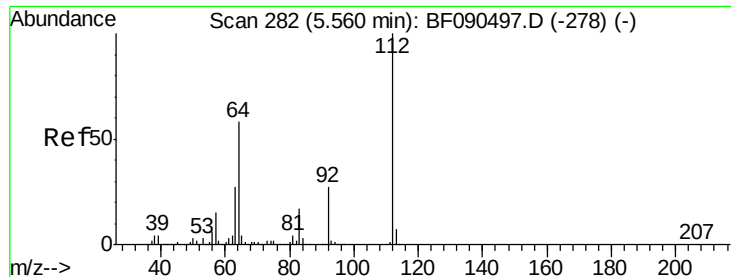
Tot Ion: 79 Resp: 927000
 Ion Ratio Lower Upper
 79 100
 52 65.0 71.3 106.9#
 51 29.8 34.5 51.7#



#4
 n-Nitrosodimethylamine
 Concen: 35.77 ng
 RT: 3.32 min Scan# 86
 Delta R.T. 0.01 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Tgt Ion: 42 Resp: 290316
 Ion Ratio Lower Upper
 42 100
 74 176.0 88.9 133.3#
 44 7.8 6.5 9.7





#5

2-Fluorophenol

Concen: 92.15 ng

RT: 5.56 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA_F

ClientSampleId :

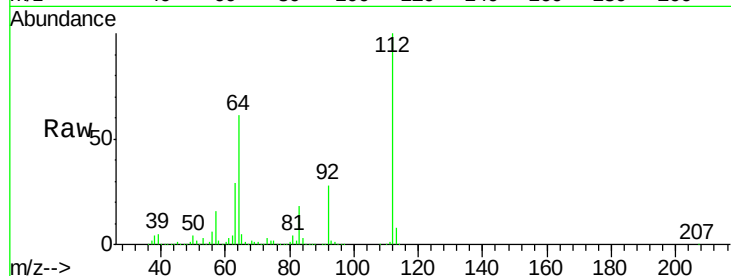
Tot Ion:112 Resp: 1318563

Ion Ratio Lower Upper

112 100

64 60.8 57.9 86.9

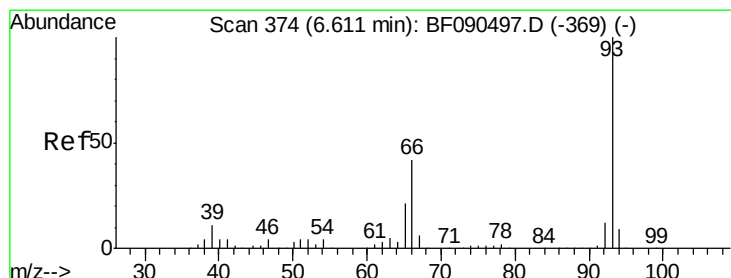
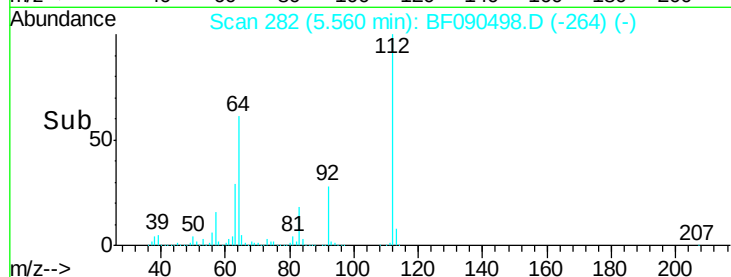
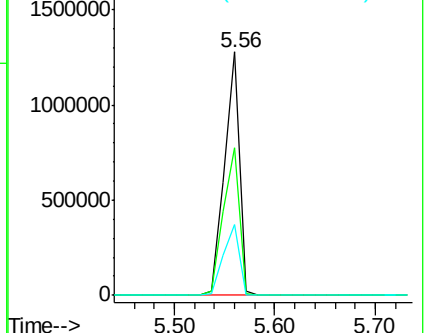
63 29.3 29.6 44.4#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.11 ng

RT: 6.61 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

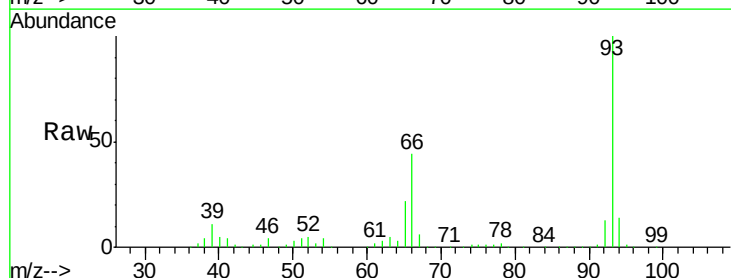
Tgt Ion: 93 Resp: 1038311

Ion Ratio Lower Upper

93 100

66 43.9 34.5 51.7

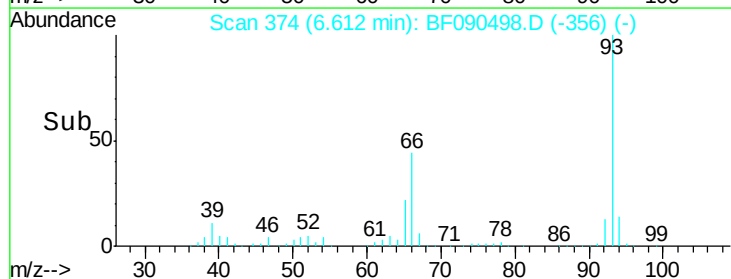
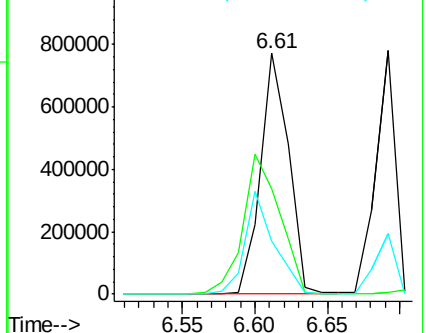
65 22.2 18.2 27.2

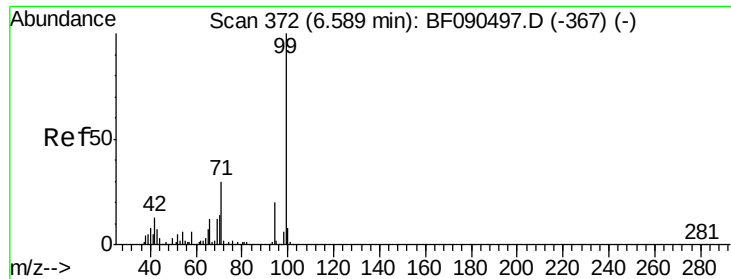


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.84 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

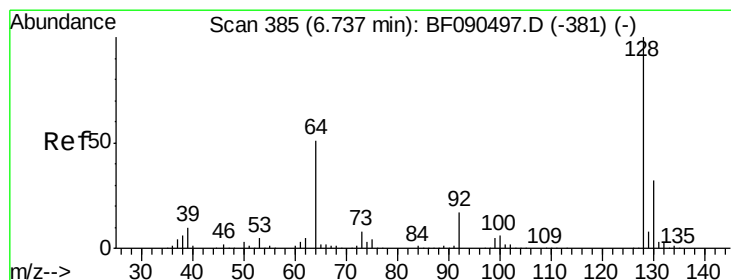
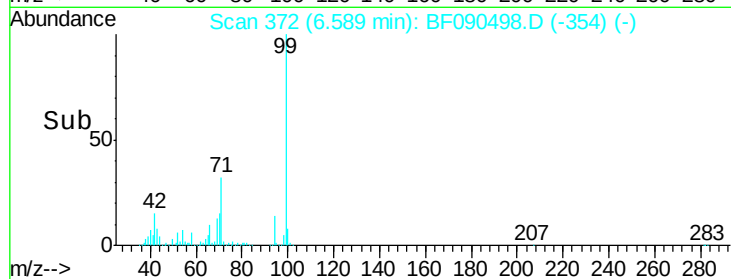
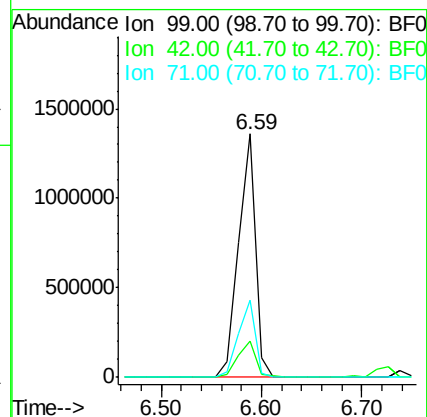
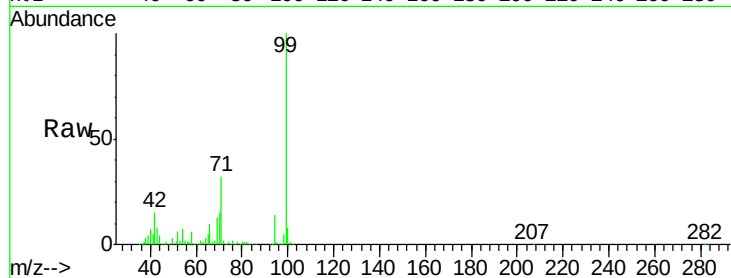
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1589916

Ion	Ratio	Lower	Upper
99	100		
42	14.9	20.0	30.0#
71	31.6	27.9	41.9



#8

2-Chlorophenol

Concen: 41.71 ng

RT: 6.74 min Scan# 385

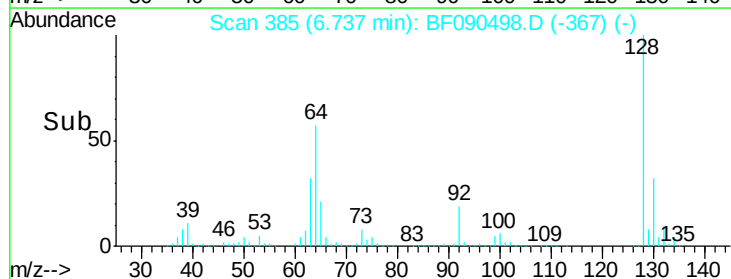
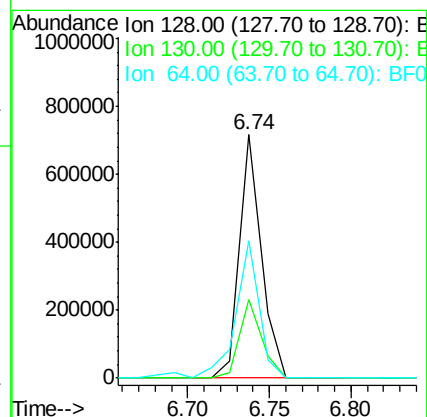
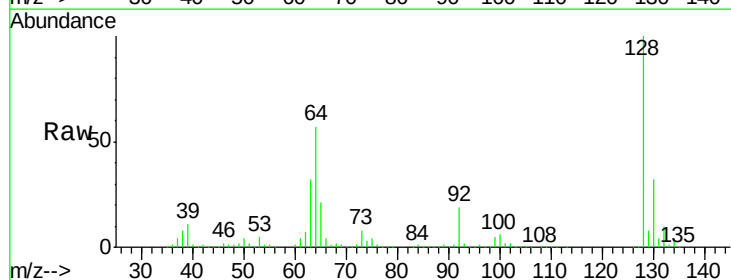
Delta R.T. 0.00 min

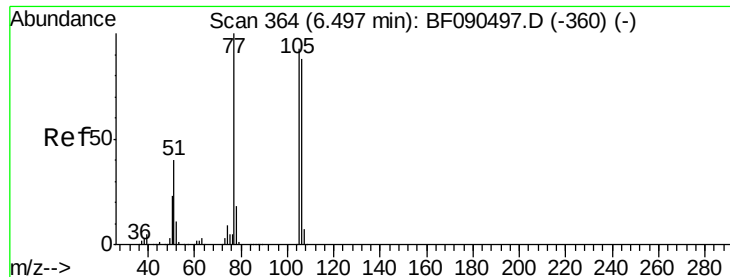
Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Tgt Ion: 128 Resp: 656783

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.3	53.3
64	56.6	36.0	76.0





#9

Benzaldehyde

Concen: 52.99 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA_F

ClientSampleId :

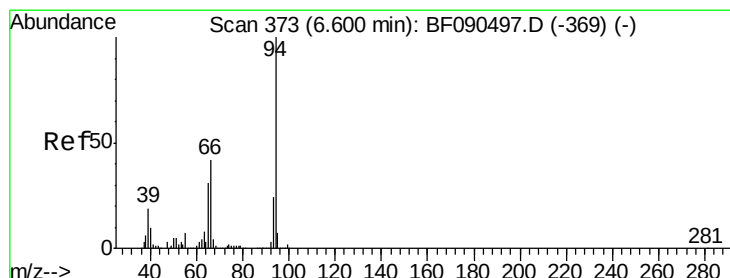
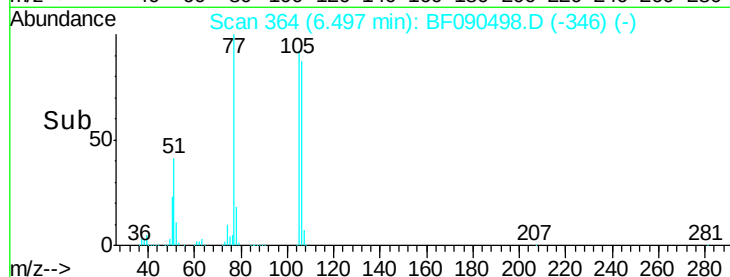
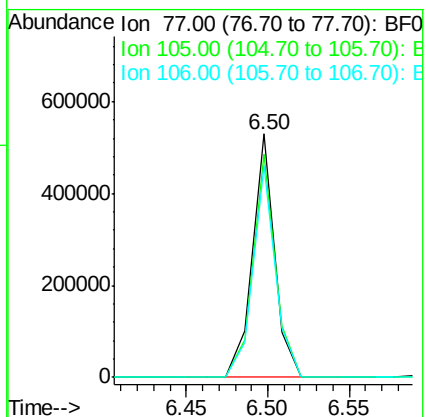
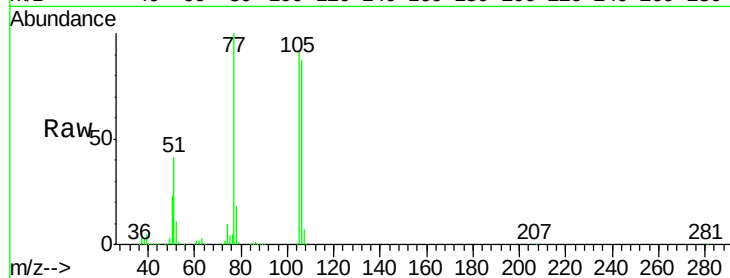
Tot Ion: 77 Resp: 502006

Ion Ratio Lower Upper

77 100

105 91.8 73.1 113.1

106 86.7 70.2 110.2



#10

Phenol

Concen: 42.56 ng

RT: 6.60 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

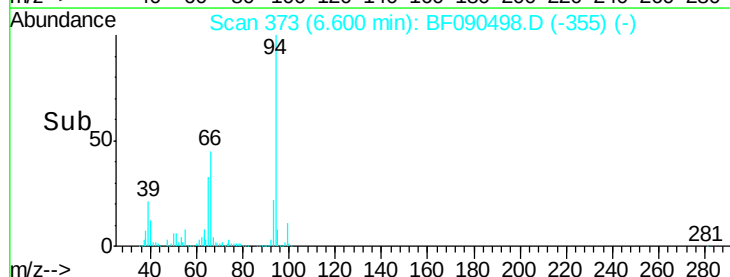
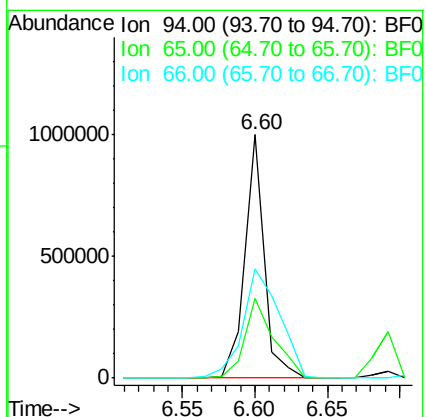
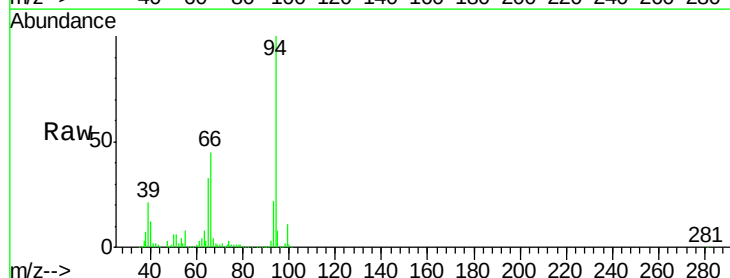
Tgt Ion: 94 Resp: 927311

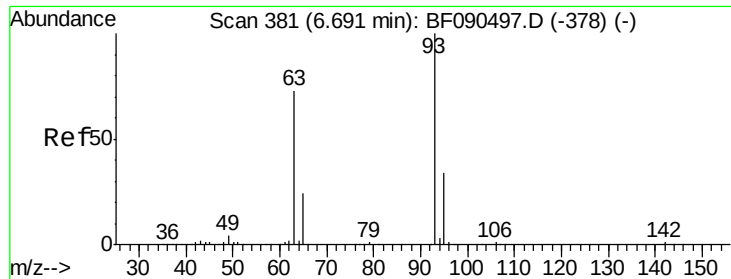
Ion Ratio Lower Upper

94 100

65 32.8 13.3 53.3

66 44.9 20.4 60.4

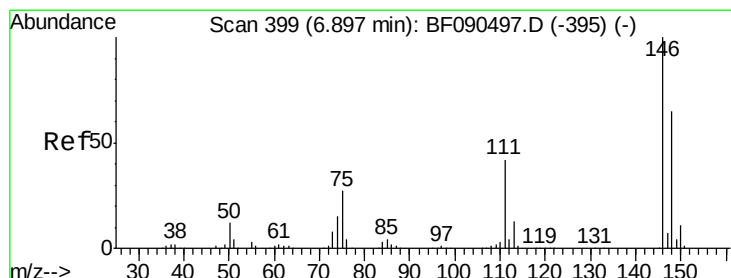
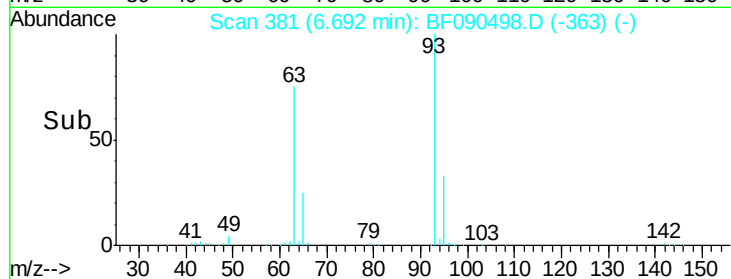
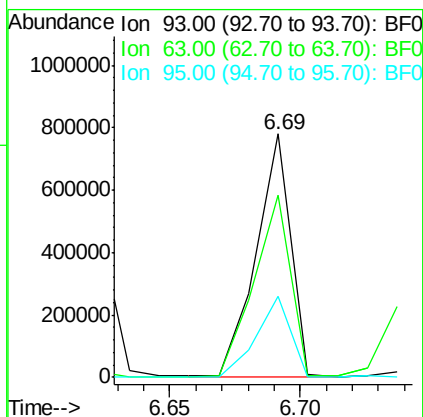
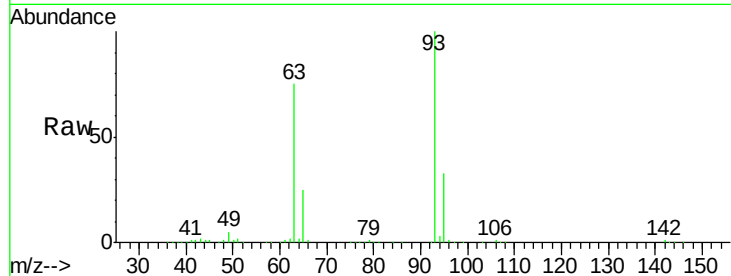




#11
bis(2-Chloroethyl)ether
Concen: 43.57 ng
RT: 6.69 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

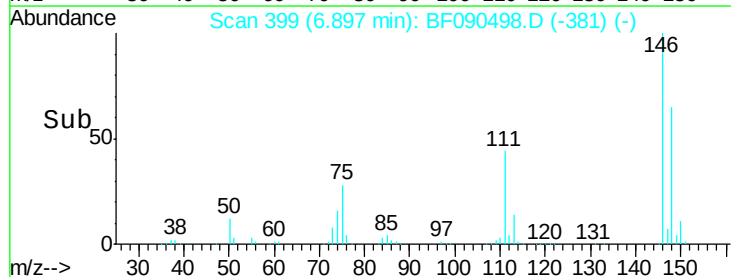
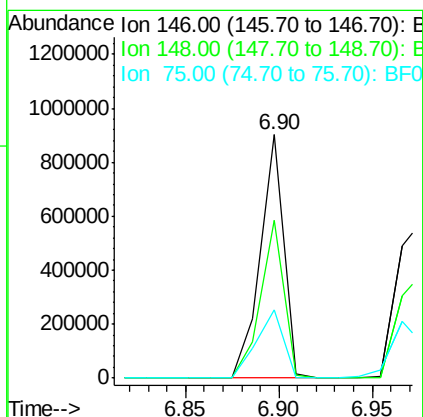
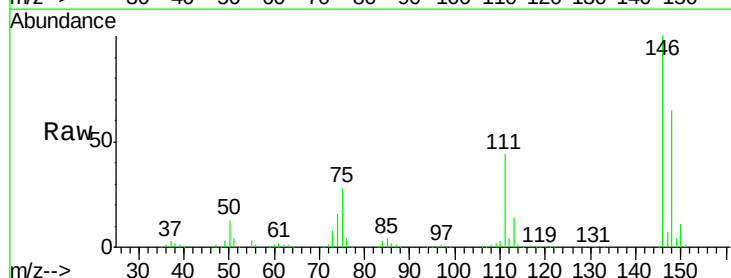
Instrument :
BNA_F
ClientSampleId :

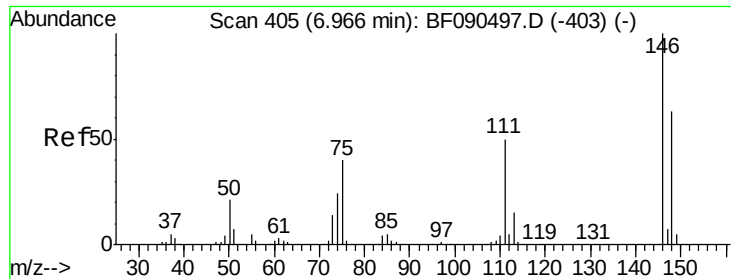
Tot Ion: 93 Resp: 726827
Ion Ratio Lower Upper
93 100
63 75.1 59.7 99.7
95 33.4 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 49.76 ng
RT: 6.90 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

Tgt Ion: 146 Resp: 781138
Ion Ratio Lower Upper
146 100
148 64.9 52.2 78.4
75 28.2 21.4 32.2

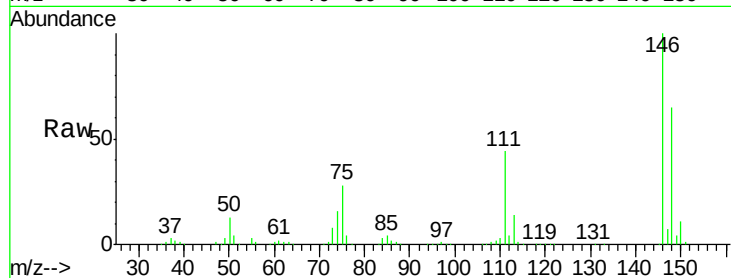




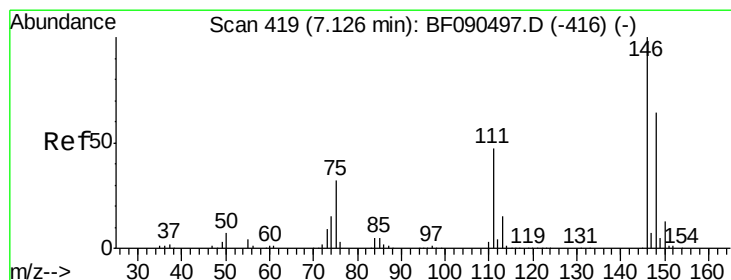
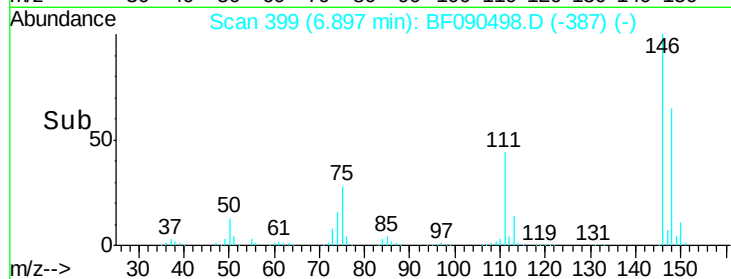
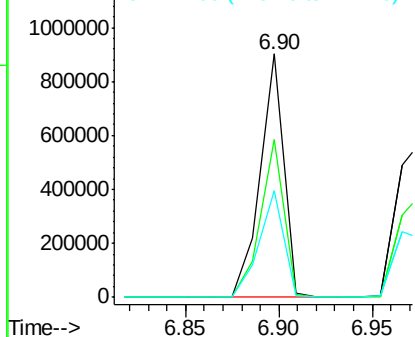
#13
 1,4-Dichlorobenzene
 Concen: 49.00 ng
 RT: 6.90 min Scan# 399
 Delta R.T. -0.07 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 781138
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.1 76.7
 111 43.7 37.8 56.6

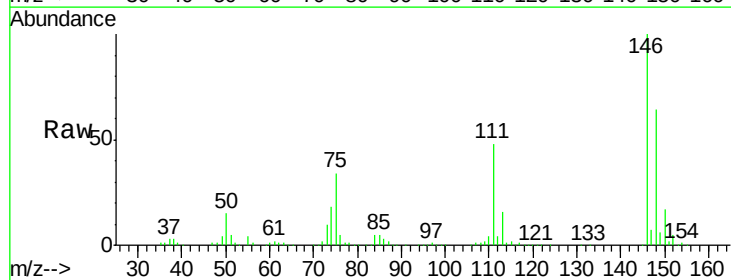


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

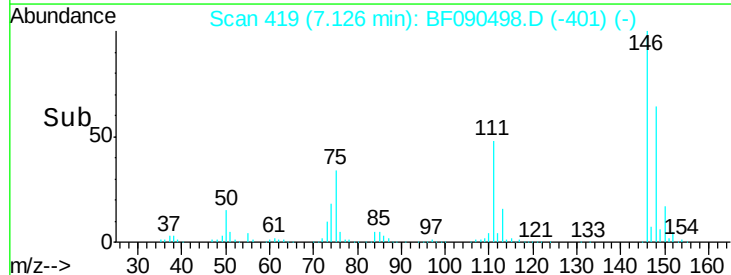
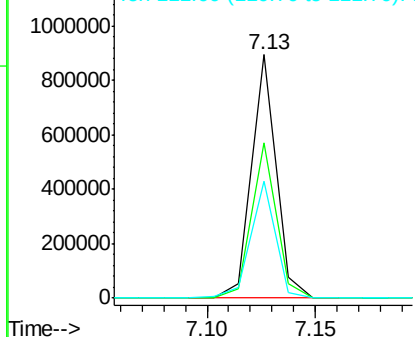


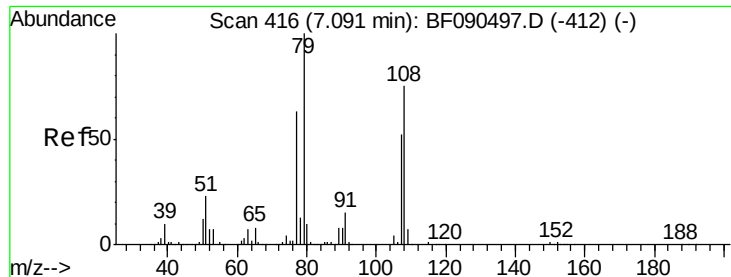
#14
 1,2-Dichlorobenzene
 Concen: 45.74 ng
 RT: 7.13 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Tgt Ion:146 Resp: 702551
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.3 78.5
 111 48.2 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

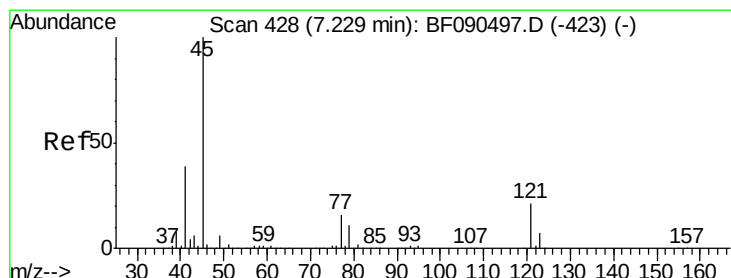
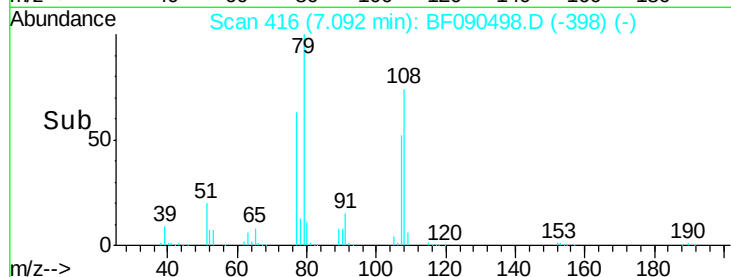
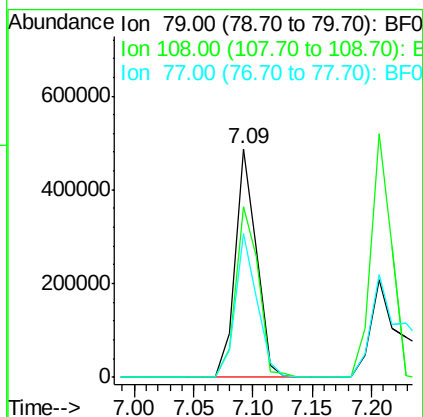
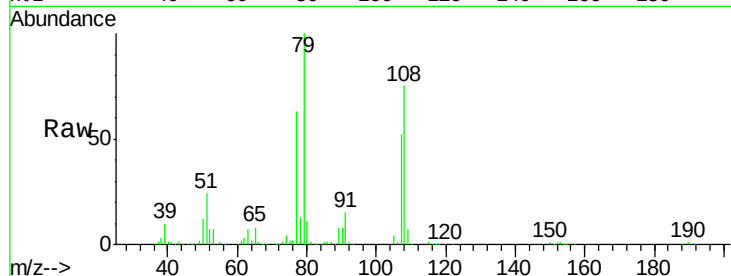




#15
Benzyl Alcohol
Concen: 42.87 ng
RT: 7.09 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

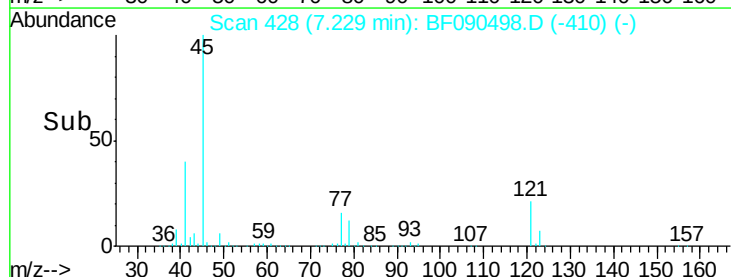
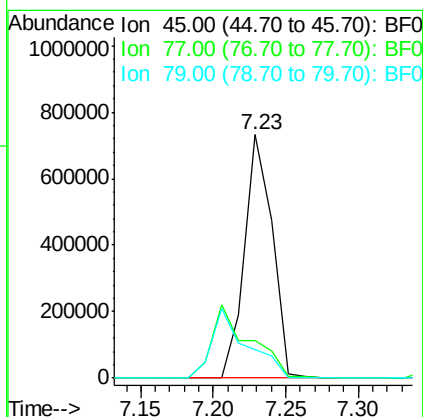
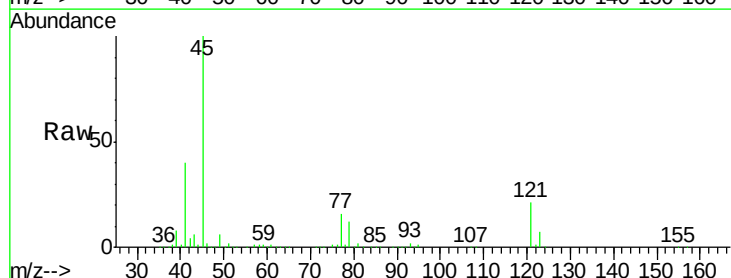
Instrument :
BNA_F
ClientSampleId :

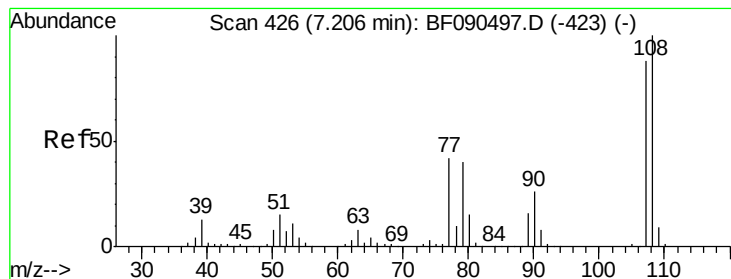
Tot Ion: 79 Resp: 610753
Ion Ratio Lower Upper
79 100
108 74.6 60.9 91.3
77 62.8 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.44 ng
RT: 7.23 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

Tgt Ion: 45 Resp: 974348
Ion Ratio Lower Upper
45 100
77 15.7 0.0 30.8
79 11.8 0.0 28.2

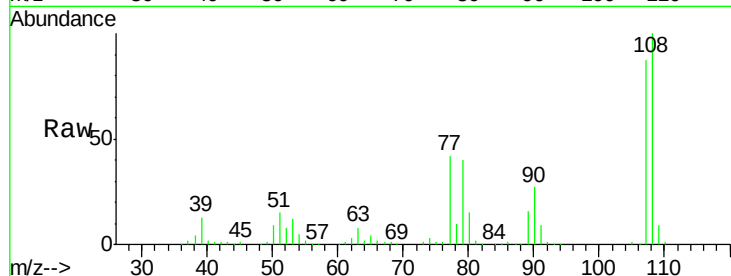




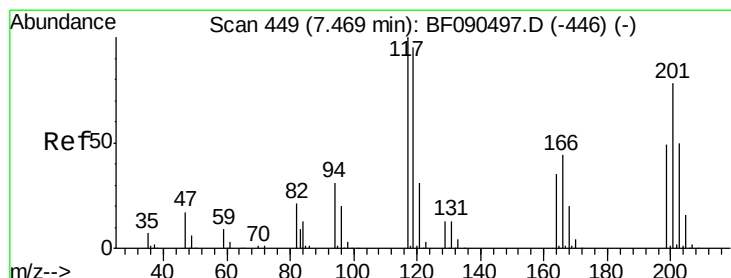
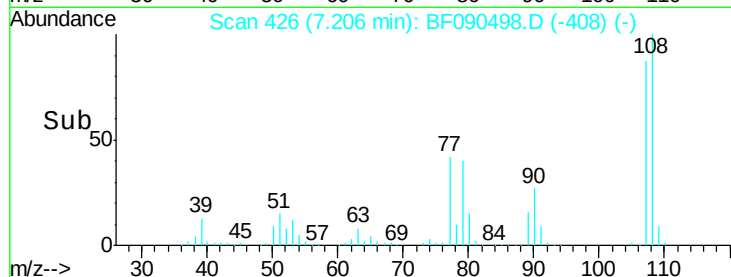
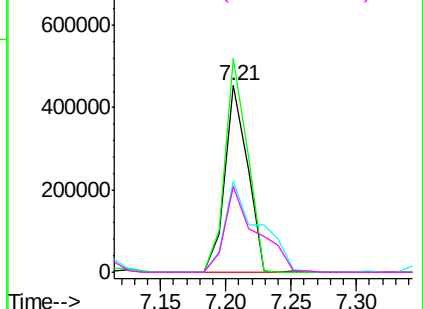
#17
2-Methylphenol
Concen: 42.51 ng
RT: 7.21 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	550587
Ion	Ratio	Lower	Upper
107	100		
108	114.4	90.9	136.3
77	48.4	38.2	57.4
79	46.0	37.0	55.4

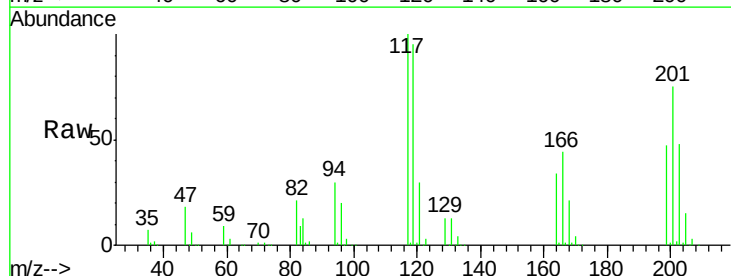


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

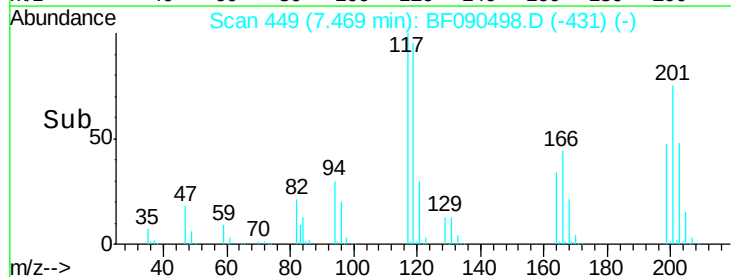
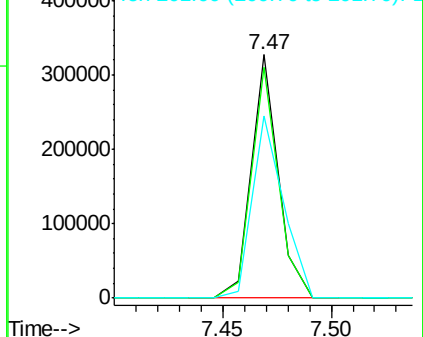


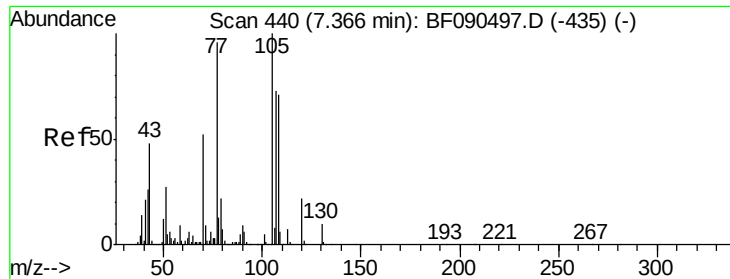
#18
Hexachloroethane
Concen: 44.51 ng
RT: 7.47 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

Tgt Ion:	117	Resp:	279763
Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.9	113.9
201	75.0	66.5	99.7



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

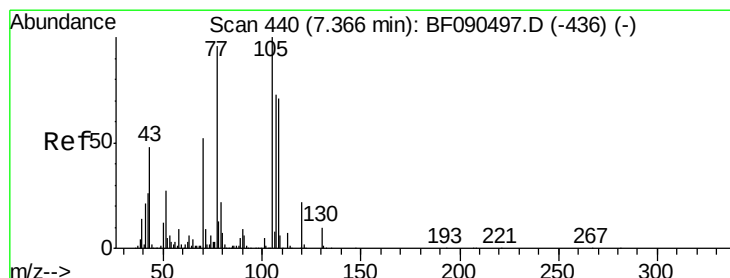
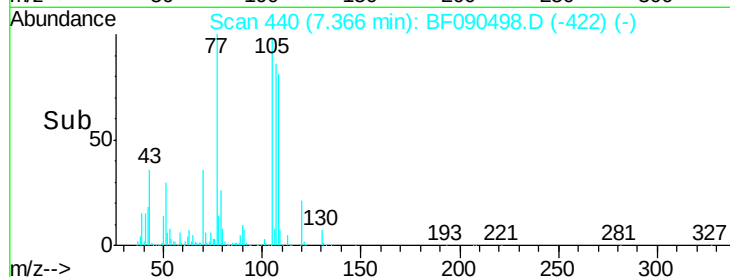
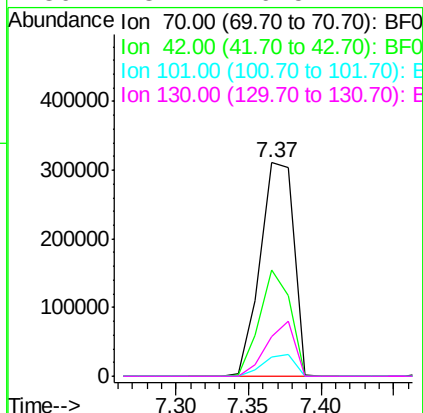
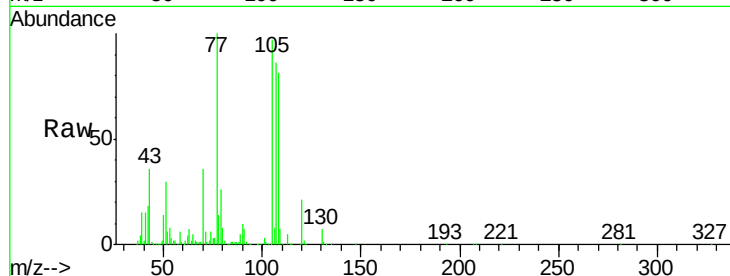




#19
n-Nitroso-di-n-propylamine
Concen: 36.52 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

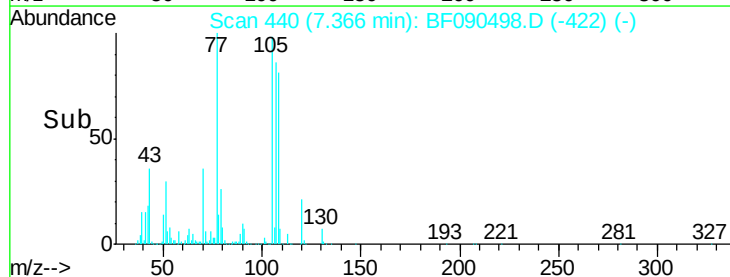
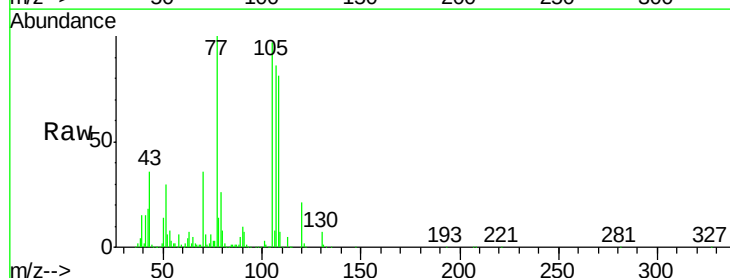
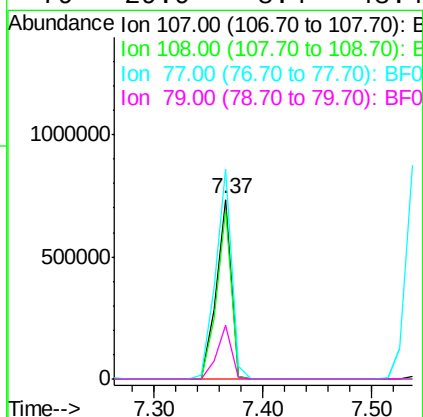
Instrument :
BNA_F
ClientSampleId :

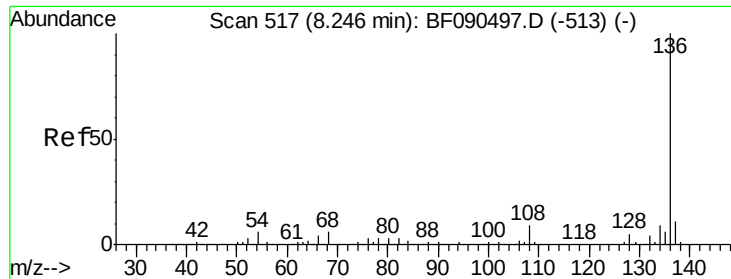
Tot Ion	Ratio	Lower	Upper
70	100		
42	50.0	55.4	83.2#
101	9.0	7.6	11.4
130	18.4	16.5	24.7



#20
3+4-Methylphenols
Concen: 42.37 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.0	66.7	106.7
77	116.7	53.7	93.7#
79	29.9	8.4	48.4

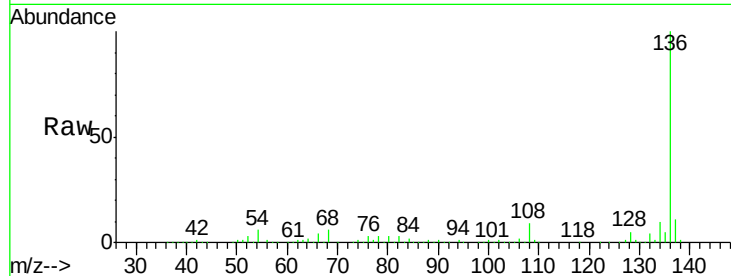




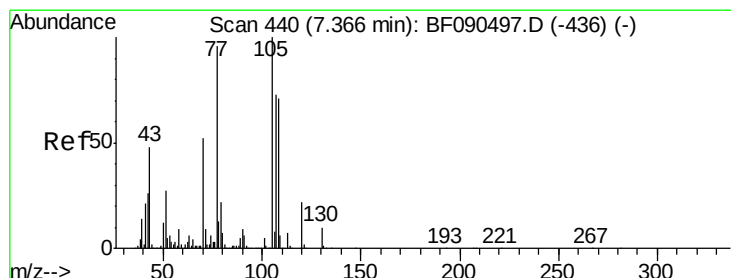
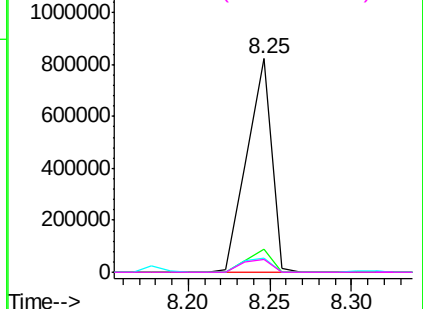
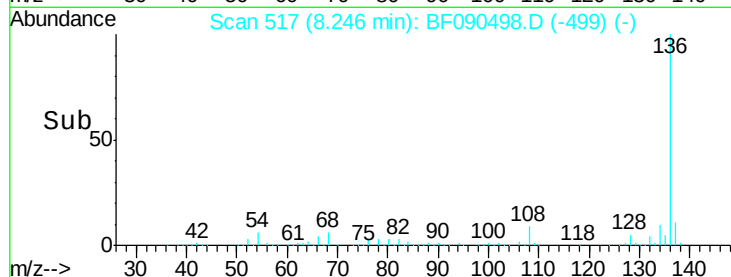
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	862634
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.0 13.6
54	6.4	6.6 10.0#
68	6.1	5.0 7.6

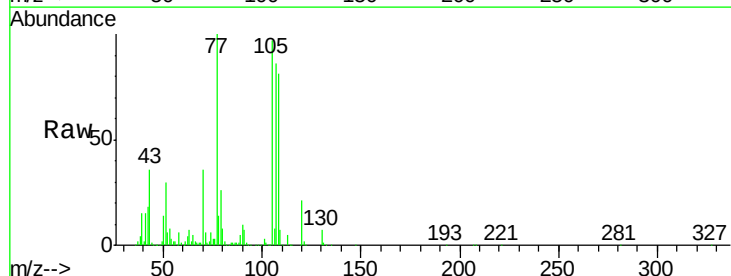


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

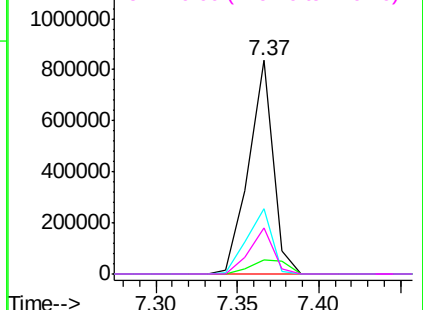
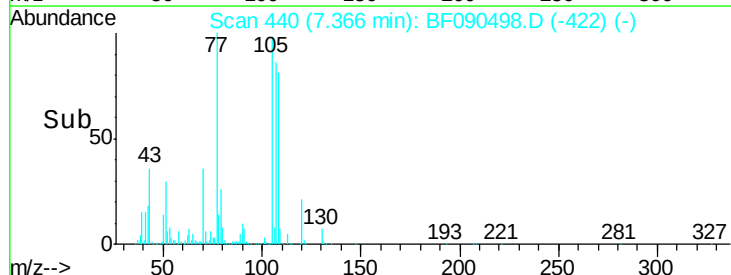


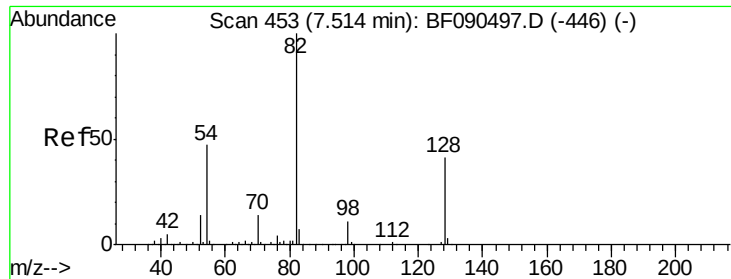
#22
Acetophenone
Concen: 42.43 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

Tgt Ion:105	Resp:	867002
Ion Ratio	Lower	Upper
105	100	
71	6.4	3.8 5.6#
51	30.5	28.2 42.4
120	21.8	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

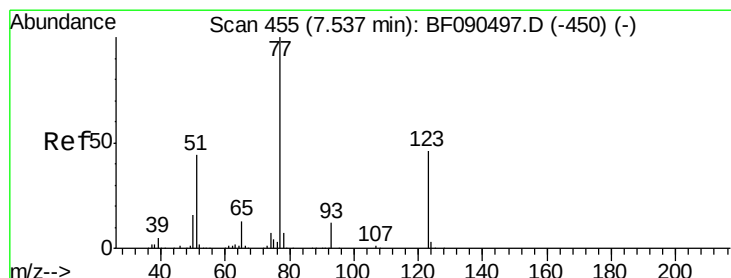
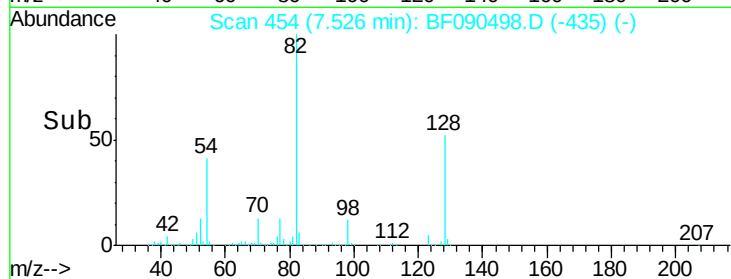
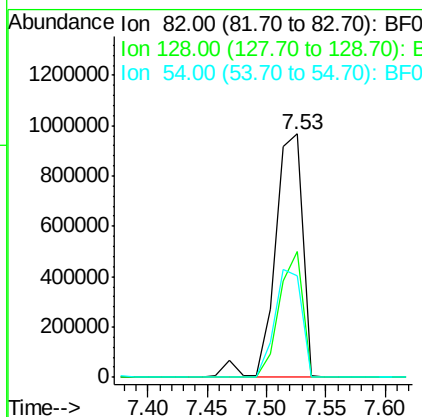
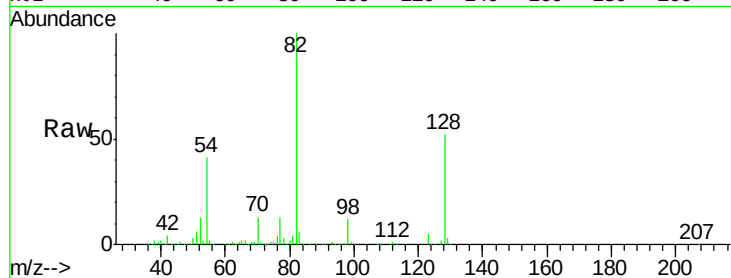




#23
 Nitrobenzene-d5
 Concen: 86.92 ng
 RT: 7.53 min Scan# 454
 Delta R.T. 0.01 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

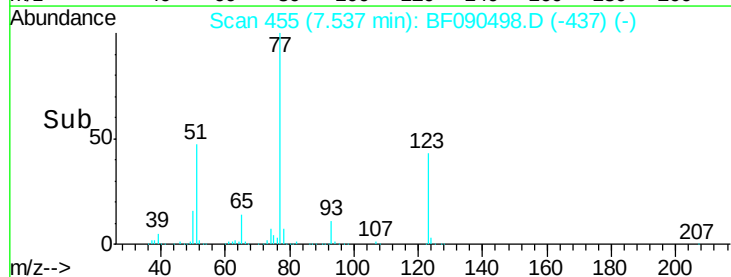
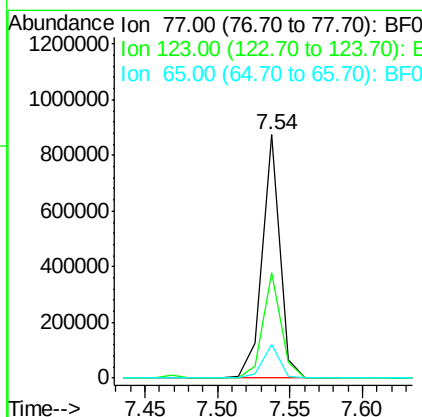
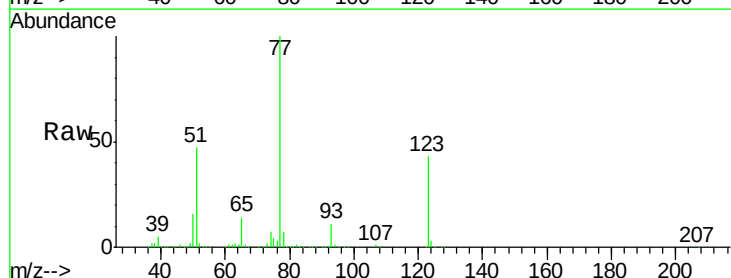
Instrument :
 BNA_F
 ClientSampleId :

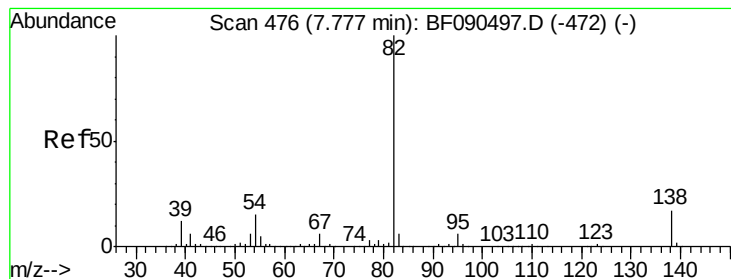
Tot Ion: 82 Resp: 1541392
 Ion Ratio Lower Upper
 82 100
 128 51.5 40.0 60.0
 54 41.4 42.6 64.0#



#24
 Nitrobenzene
 Concen: 41.87 ng
 RT: 7.54 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Tgt Ion: 77 Resp: 737221
 Ion Ratio Lower Upper
 77 100
 123 43.0 33.0 49.4
 65 13.8 12.0 18.0





#25

Isophorone

Concen: 40.04 ng

RT: 7.78 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA_F

ClientSampled :

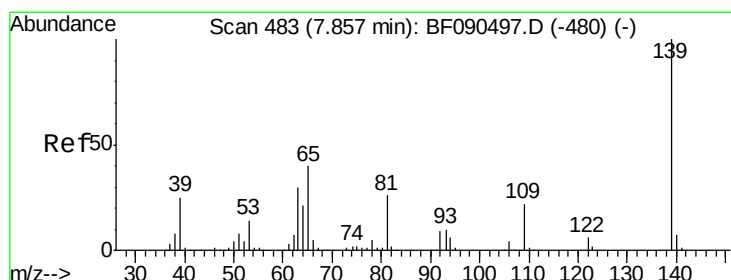
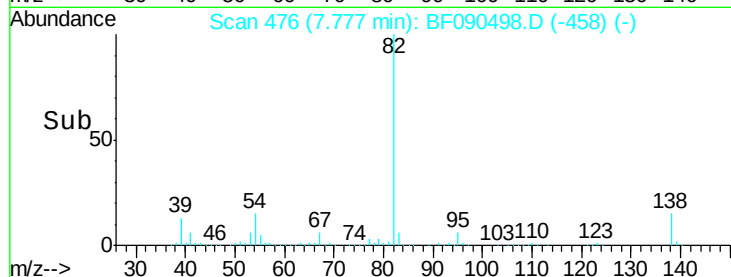
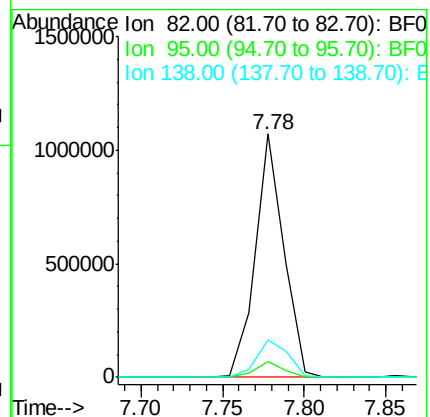
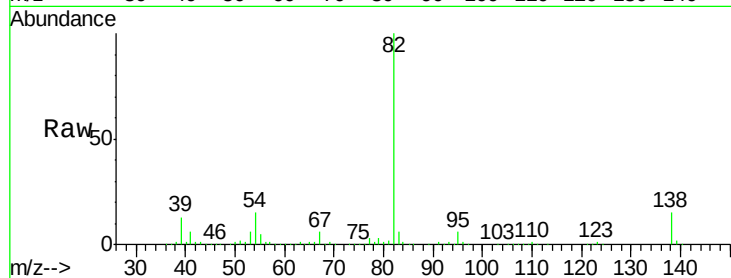
Tot Ion: 82 Resp: 1298090

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 15.4 13.0 19.4



#26

2-Nitrophenol

Concen: 54.01 ng

RT: 7.86 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

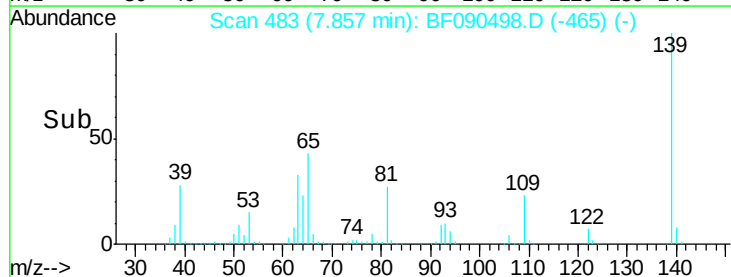
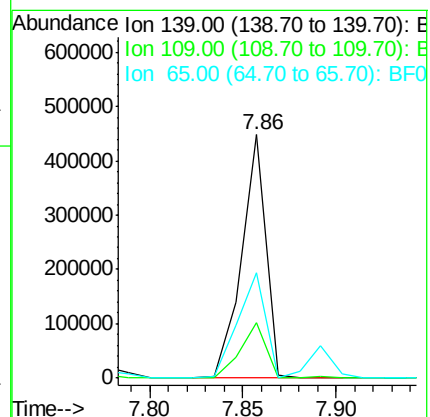
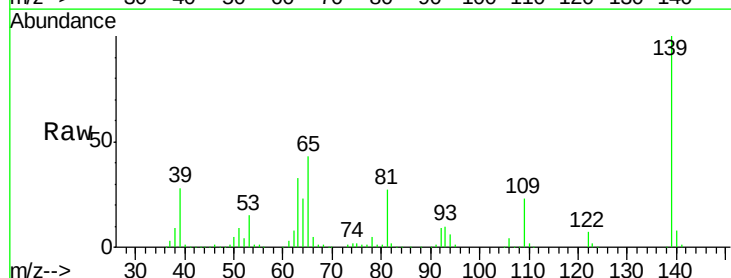
Tgt Ion: 139 Resp: 409303

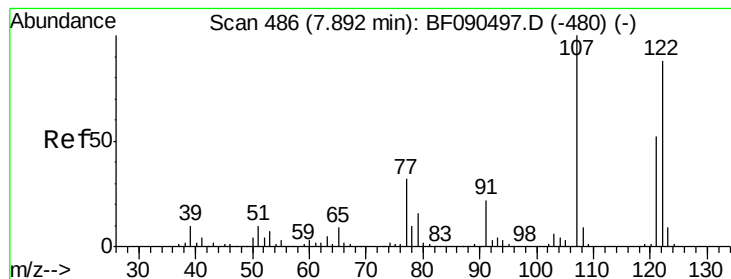
Ion Ratio Lower Upper

139 100

109 22.6 18.9 28.3

65 43.1 31.6 47.4





#27

2,4-Dimethylphenol

Concen: 39.98 ng

RT: 7.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA_F

ClientSampleId :

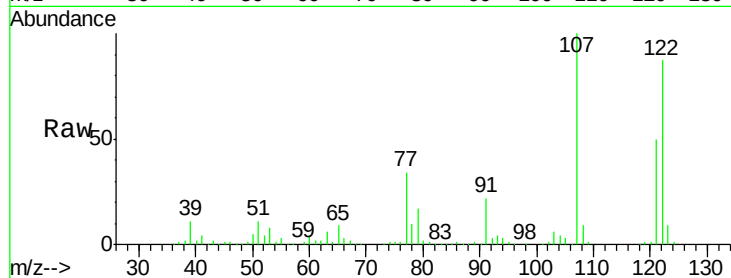
Tot Ion:122 Resp: 589167

Ion Ratio Lower Upper

122 100

107 115.5 88.6 132.8

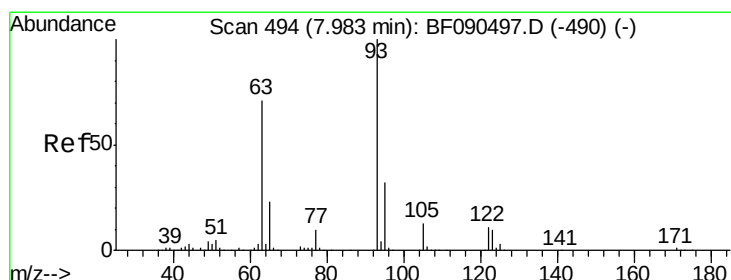
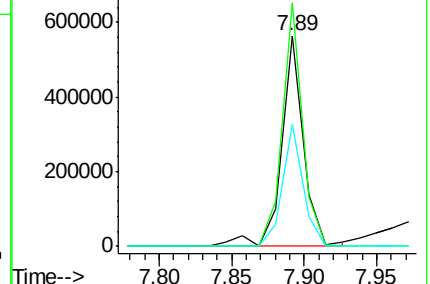
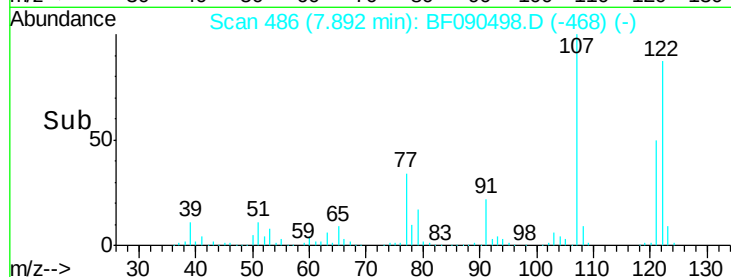
121 58.2 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.68 ng

RT: 7.99 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

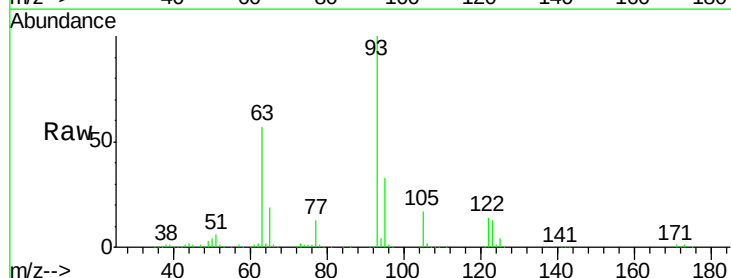
Tgt Ion: 93 Resp: 818344

Ion Ratio Lower Upper

93 100

95 32.9 27.0 40.4

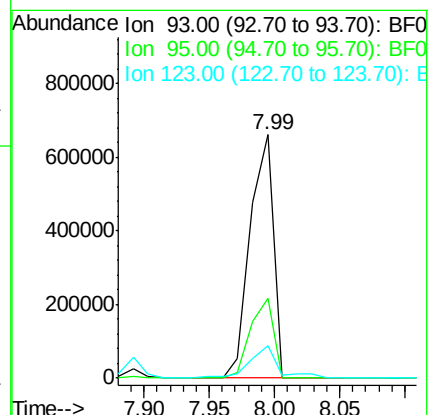
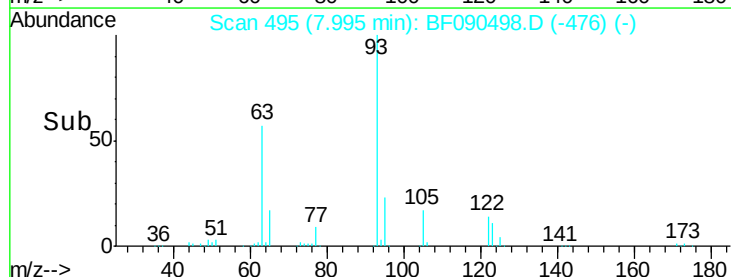
123 13.2 11.1 16.7

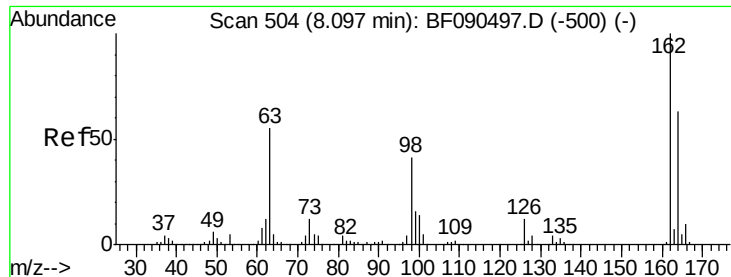


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

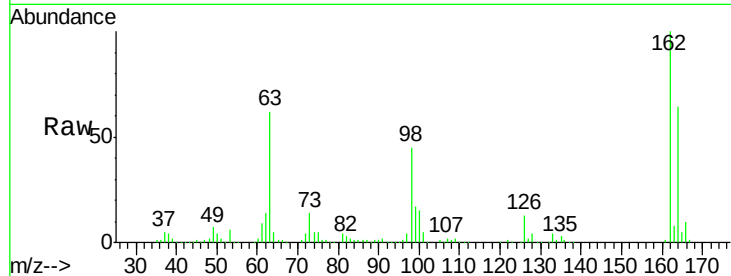




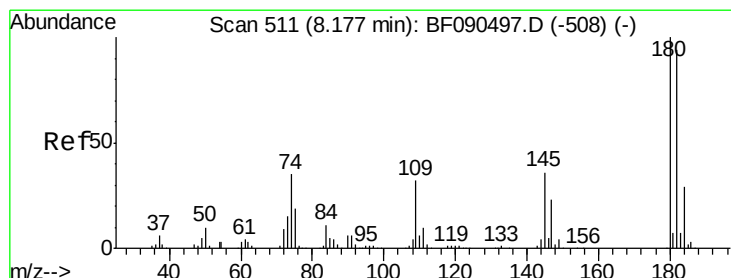
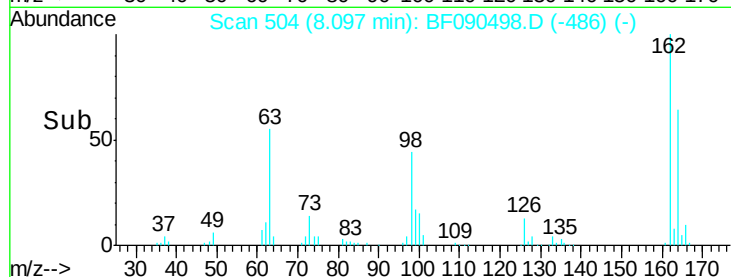
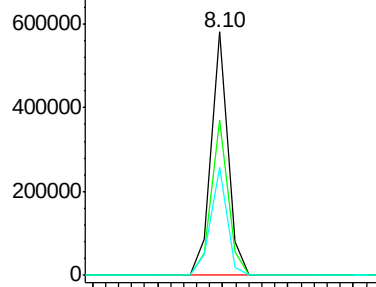
#29
 2,4-Dichlorophenol
 Concen: 46.04 ng
 RT: 8.10 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 515870
 Ion Ratio Lower Upper
 162 100
 164 63.6 45.7 85.7
 98 44.6 13.3 53.3

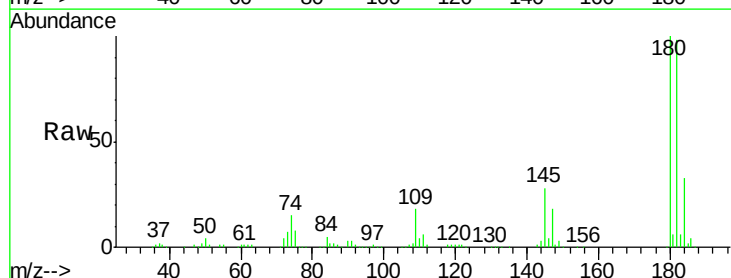


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

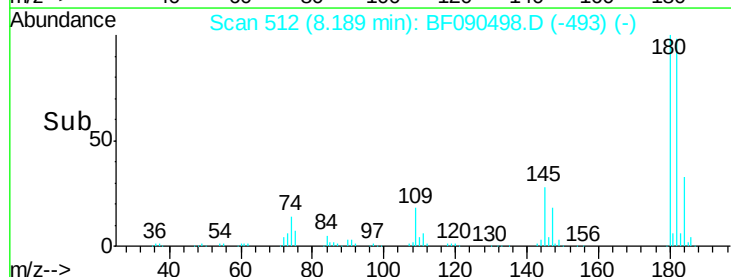
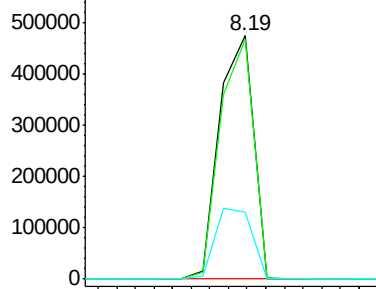


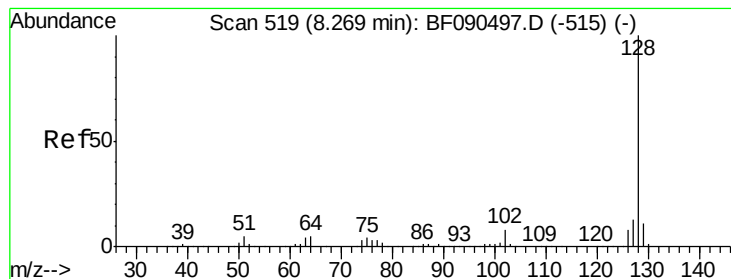
#30
 1,2,4-Trichlorobenzene
 Concen: 51.97 ng
 RT: 8.19 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Tgt Ion:180 Resp: 600130
 Ion Ratio Lower Upper
 180 100
 182 98.4 75.3 112.9
 145 27.5 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: 48.18 ng

RT: 8.27 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA_F

ClientSampled :

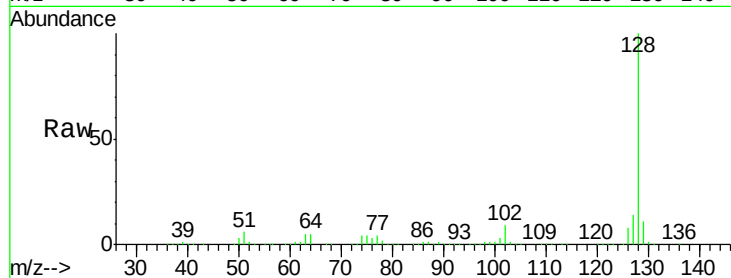
Tot Ion:128 Resp: 2005179

Ion Ratio Lower Upper

128 100

129 11.4 9.7 14.5

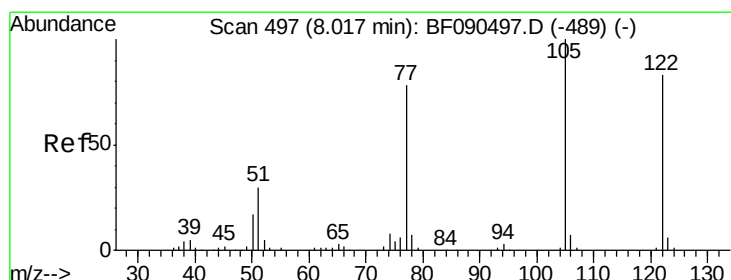
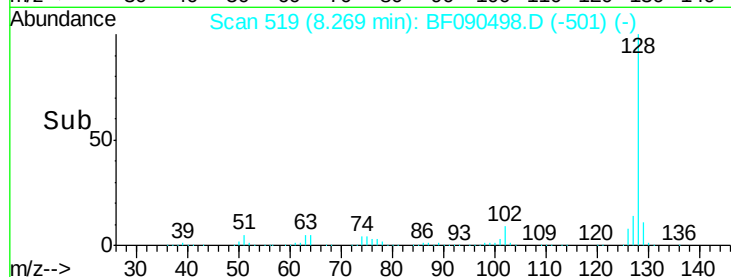
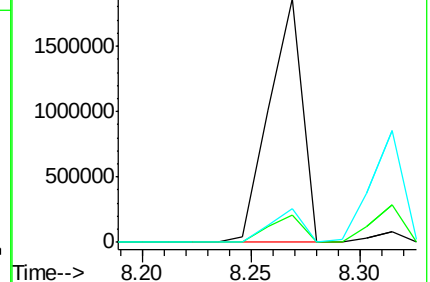
127 13.7 11.7 17.5



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: 52.41 ng

RT: 8.03 min Scan# 498

Delta R.T. 0.01 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

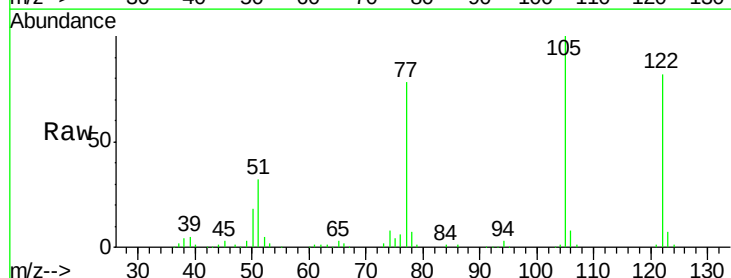
Tgt Ion:122 Resp: 536961

Ion Ratio Lower Upper

122 100

105 122.1 103.9 143.9

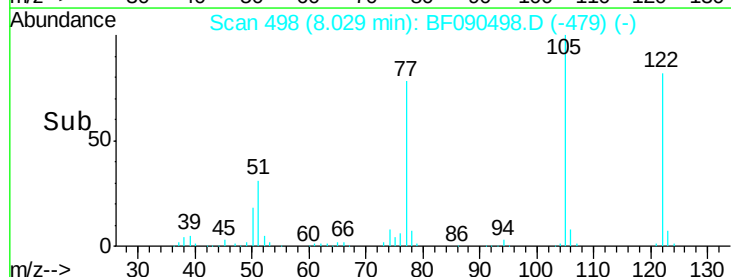
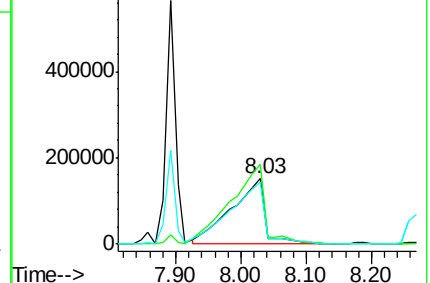
77 95.1 74.6 114.6

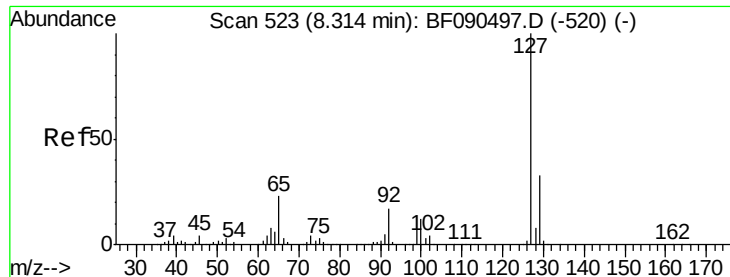


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

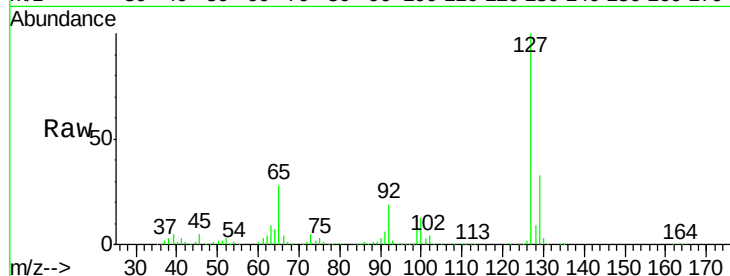




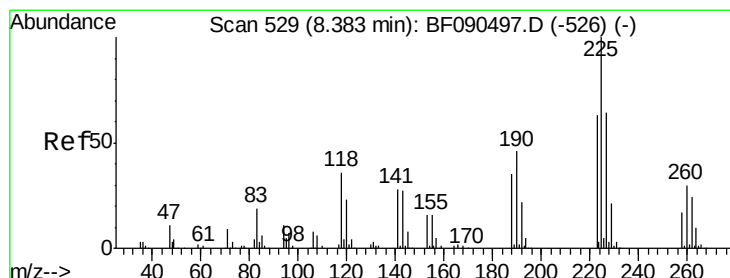
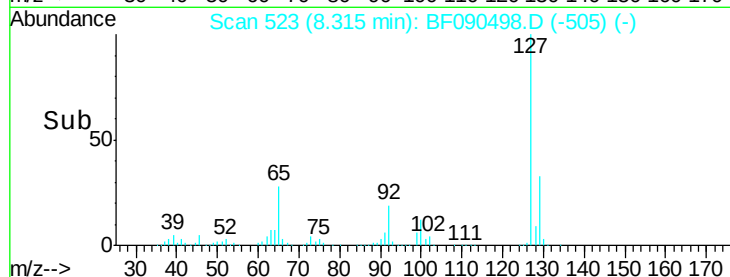
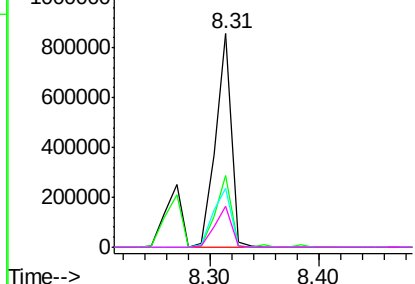
#33
4-Chloroaniline
Concen: 50.94 ng
RT: 8.31 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	876351
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.2	39.4
65	27.6	32.5	48.7#
92	19.0	17.2	25.8

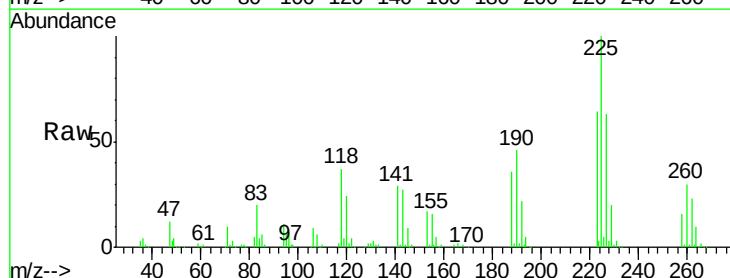


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

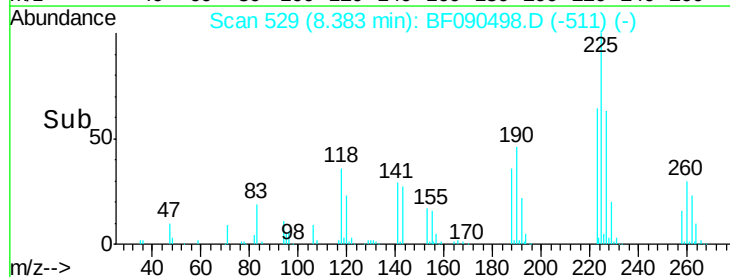
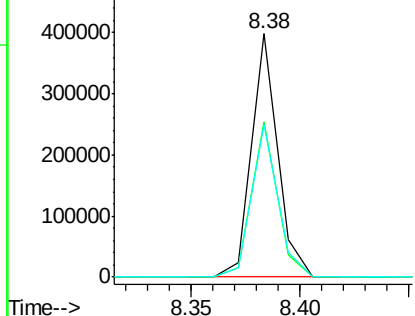


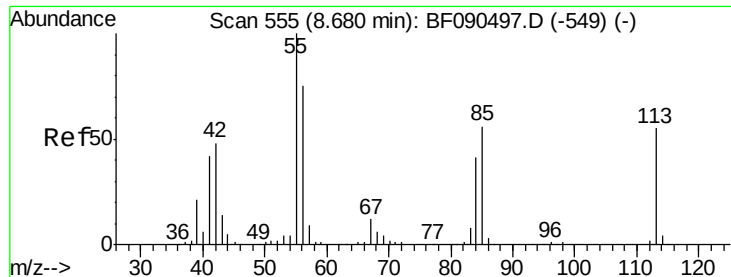
#34
Hexachlorobutadiene
Concen: 51.51 ng
RT: 8.38 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

Tgt Ion:	225	Resp:	332327
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.0	76.4
227	62.7	50.8	76.2



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

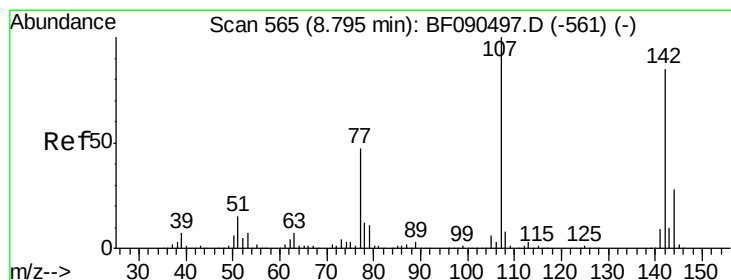
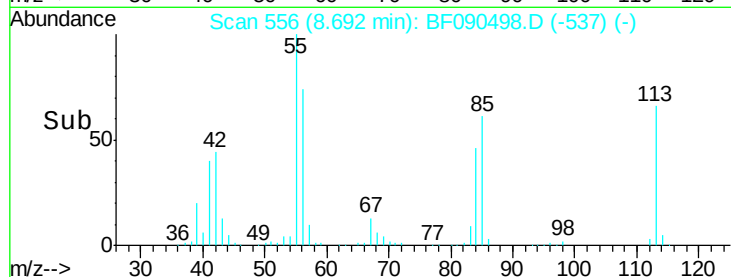
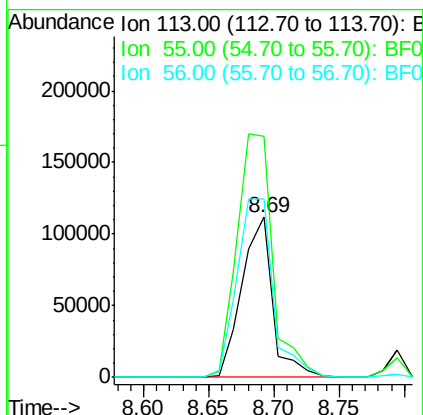
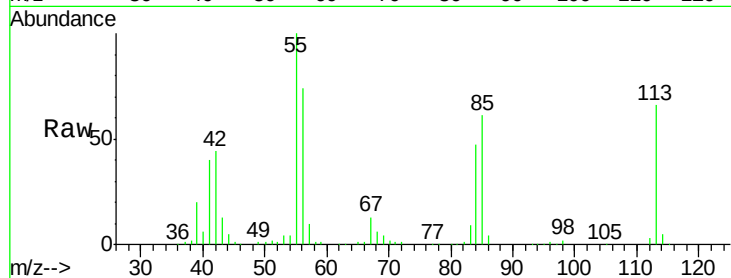




#35
 Caprolactam
 Concen: 48.93 ng
 RT: 8.69 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

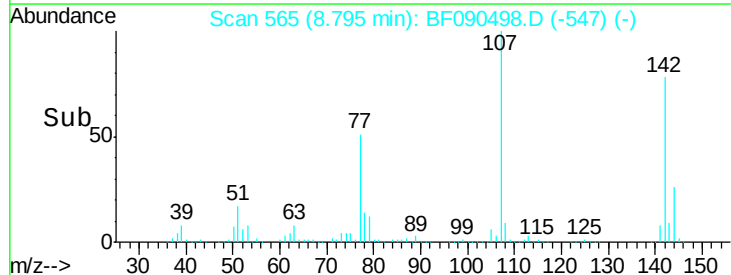
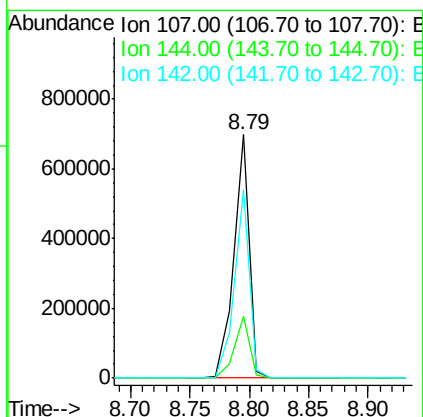
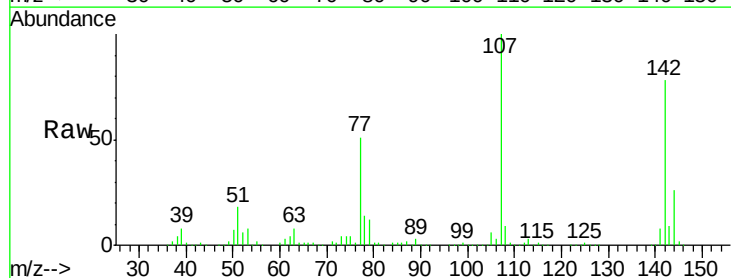
Instrument :
 BNA_F
 ClientSampled :

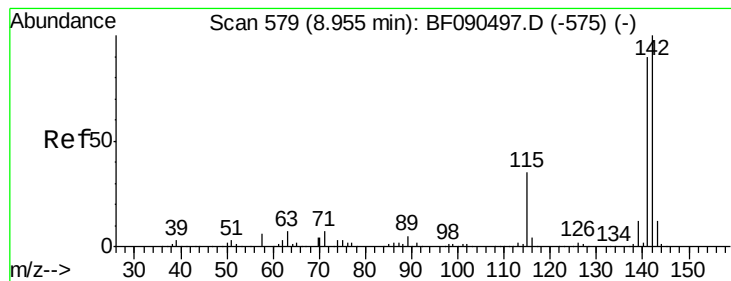
Tot Ion:113 Resp: 184332
 Ion Ratio Lower Upper
 113 100
 55 150.7 203.3 243.3#
 56 111.0 140.5 180.5#



#36
 4-Chloro-3-methylphenol
 Concen: 45.12 ng
 RT: 8.79 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Tgt Ion:107 Resp: 632921
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.8 29.8
 142 77.7 60.7 91.1

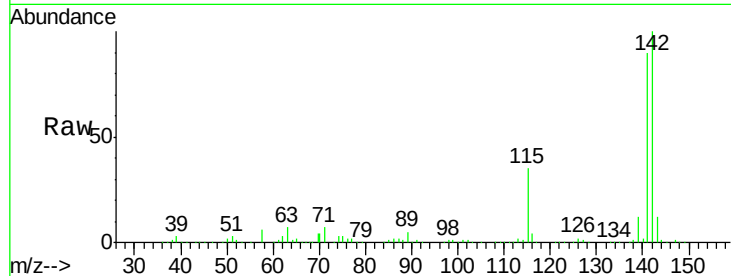




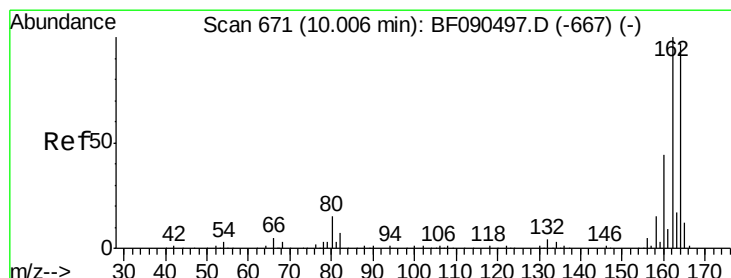
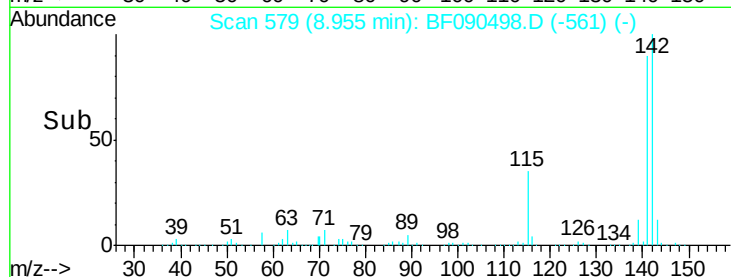
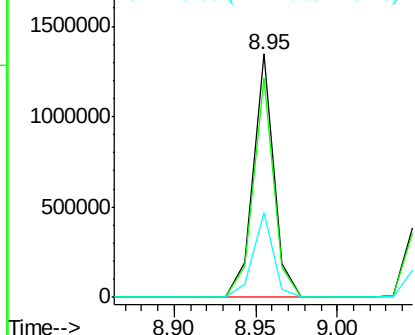
#37
 2-Methylnaphthalene
 Concen: 47.24 ng
 RT: 8.95 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1190163
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.8 107.8
 115 34.7 28.8 43.2

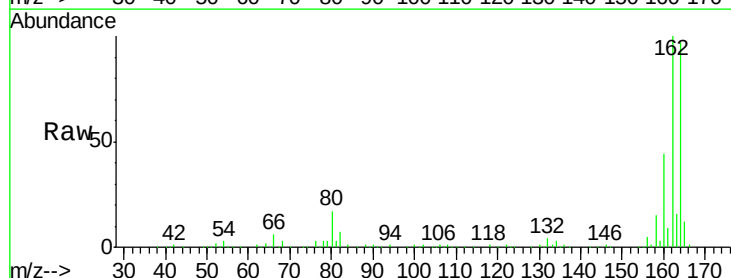


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

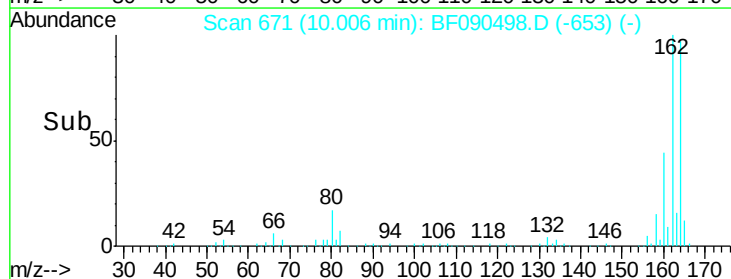
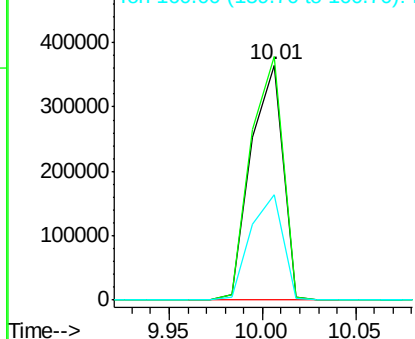


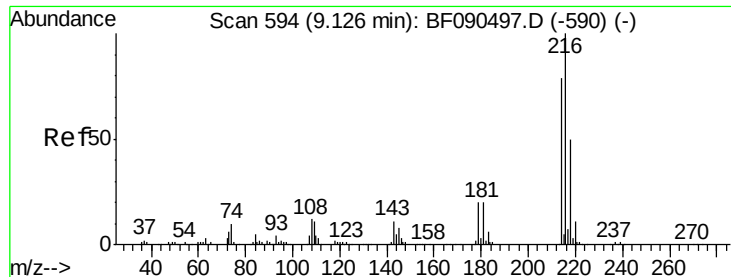
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Tgt Ion:164 Resp: 432338
 Ion Ratio Lower Upper
 164 100
 162 103.5 80.1 120.1
 160 45.0 36.3 54.5



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

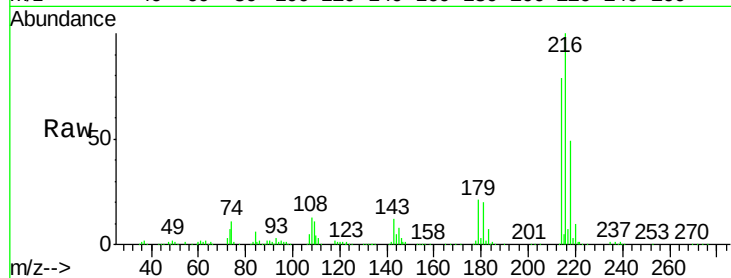




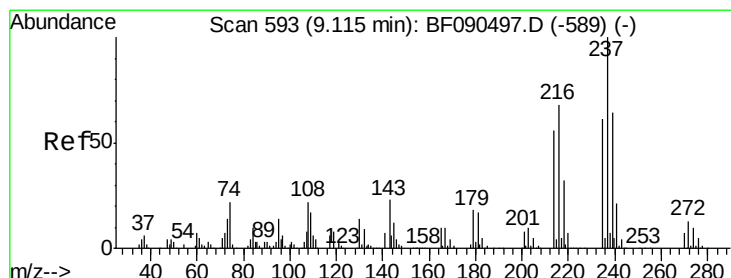
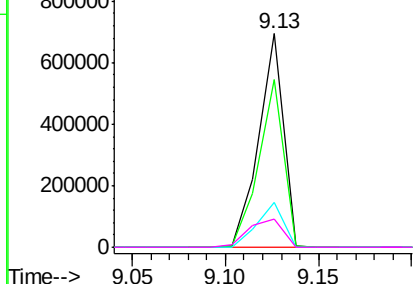
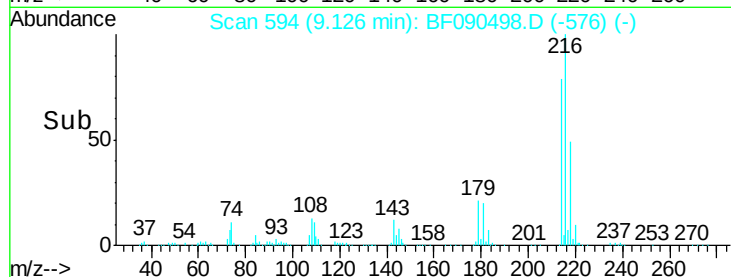
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 55.64 ng
 RT: 9.13 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	634161
Ion Ratio	Lower	Upper
216	100	
214	78.9	64.2 96.2
179	22.0	18.0 27.0
108	18.5	15.2 22.8

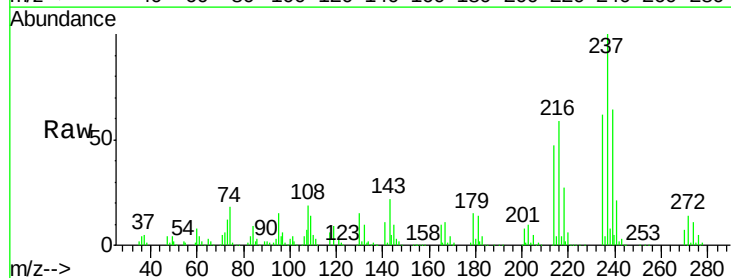


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

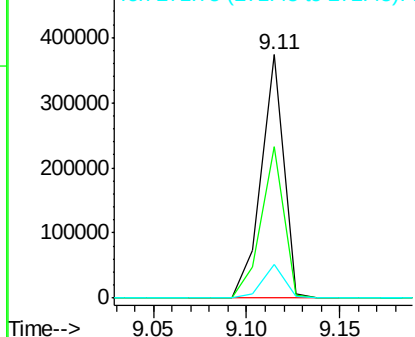
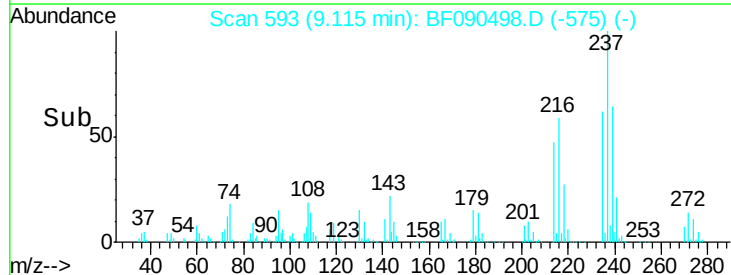


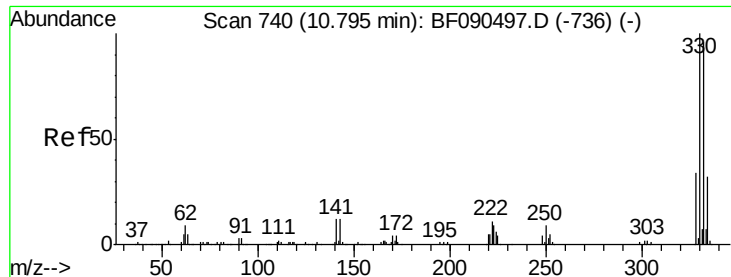
#40
 Hexachlorocyclopentadiene
 Concen: 49.91 ng
 RT: 9.11 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Tgt Ion:237	Resp:	311856
Ion Ratio	Lower	Upper
237	100	
235	62.3	43.6 83.6
272	13.7	0.0 32.7



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

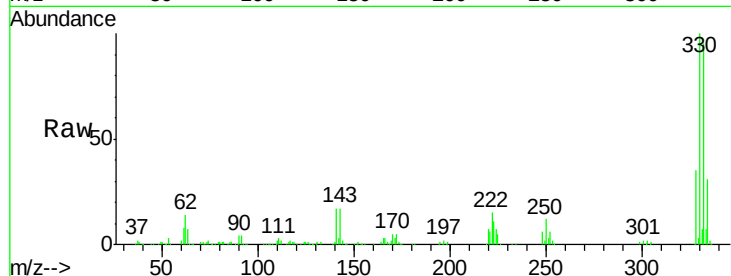




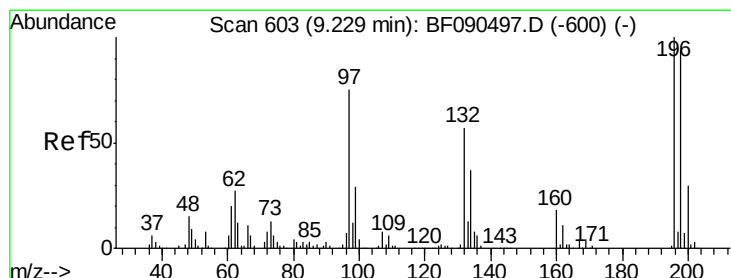
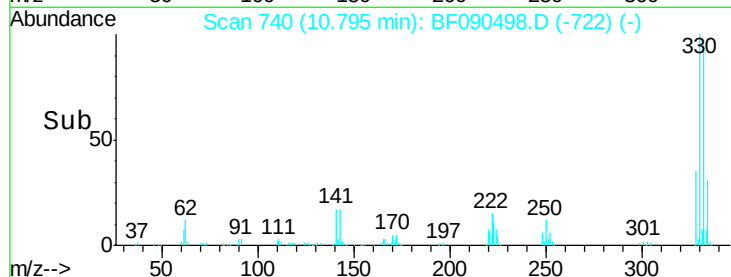
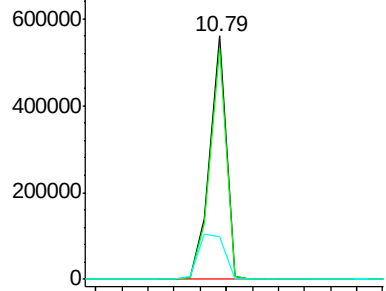
#41
 2,4,6-Tribromophenol
 Concen: 139.57 ng
 RT: 10.79 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 490673
 Ion Ratio Lower Upper
 330 100
 332 94.3 75.4 113.0
 141 29.6 26.9 40.3

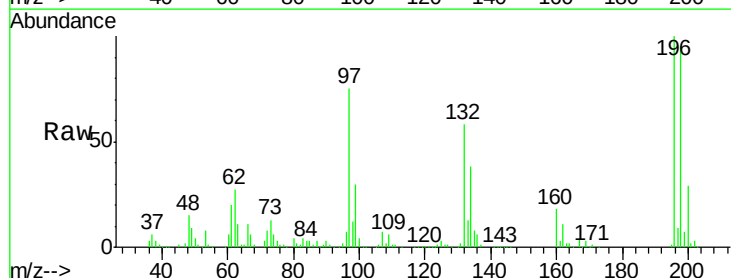


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

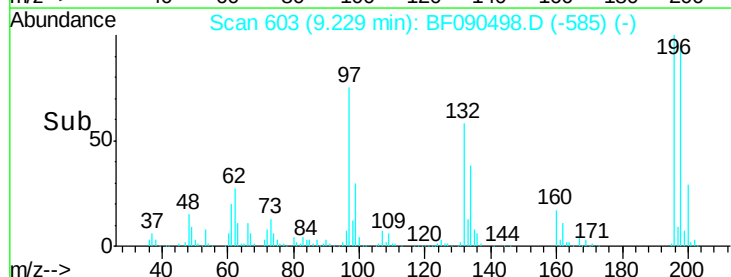
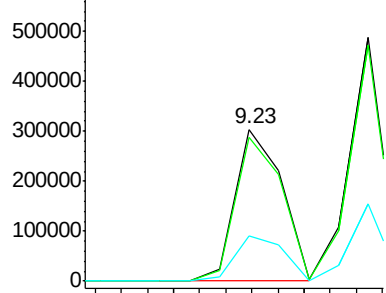


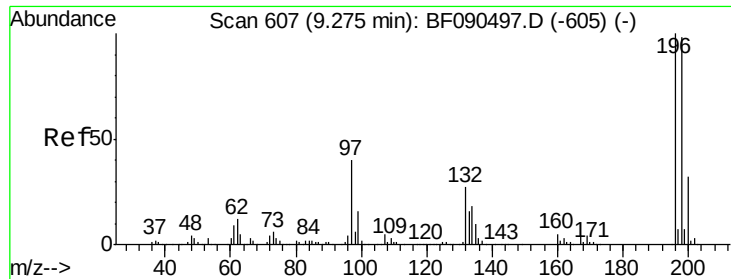
#42
 2,4,6-Trichlorophenol
 Concen: 48.27 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Tgt Ion:196 Resp: 379639
 Ion Ratio Lower Upper
 196 100
 198 94.7 78.9 118.3
 200 29.5 25.4 38.2



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

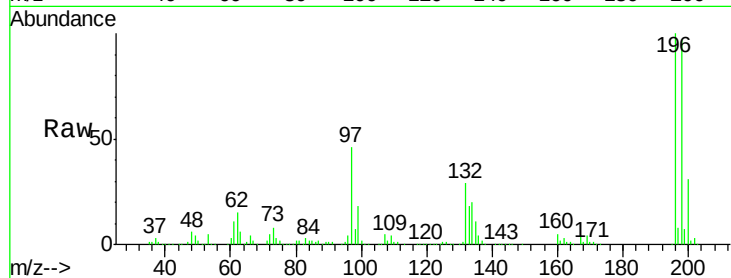




#43
 2,4,5-Trichlorophenol
 Concen: 57.22 ng
 RT: 9.27 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	78.1	117.1
97	46.4	48.1	72.1#
132	29.0	27.4	41.2



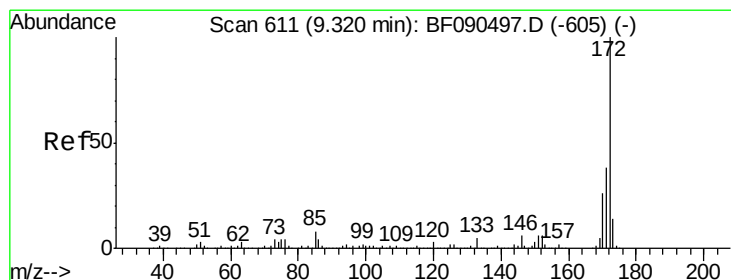
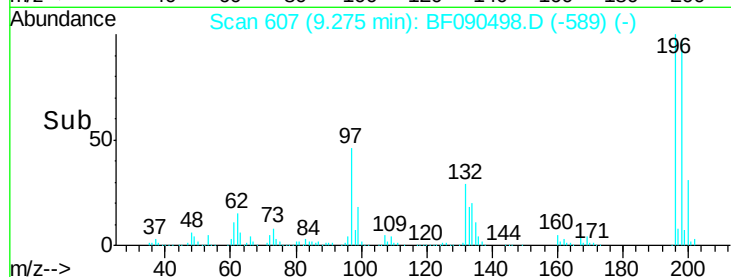
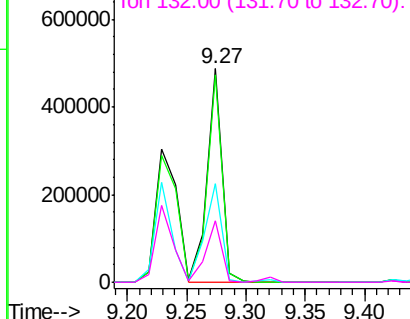
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

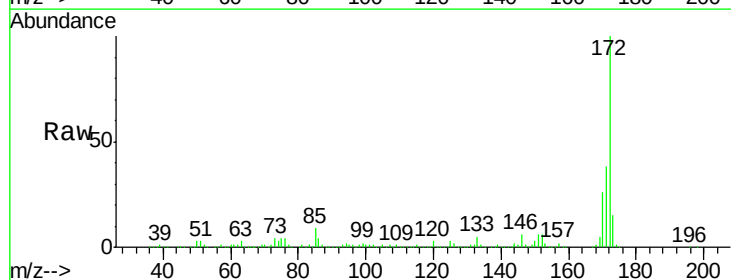
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.93 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.8	47.8
170	26.1	21.7	32.5

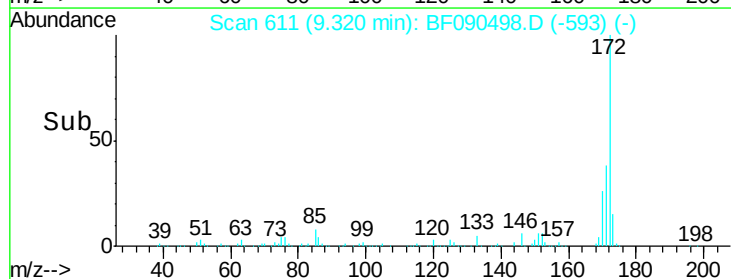
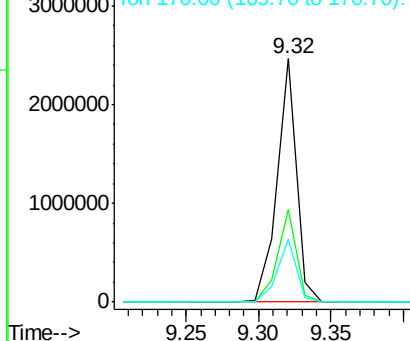


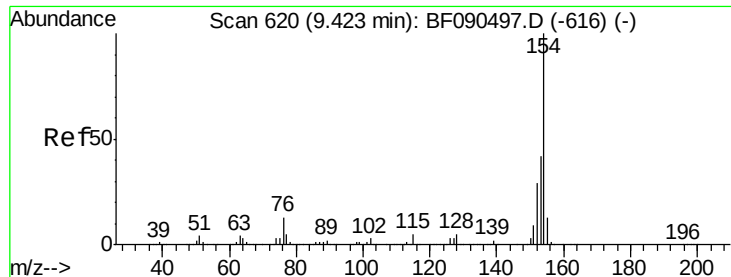
Abundance

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: 51.97 ng

RT: 9.42 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA_F

ClientSampleId :

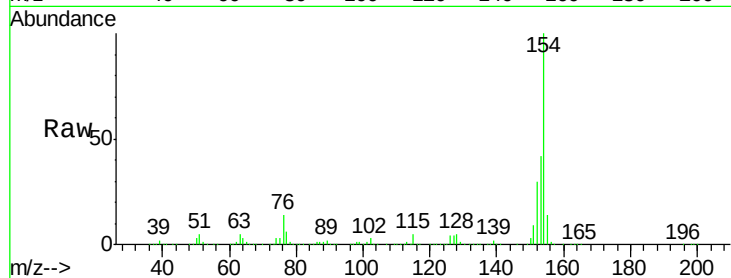
Tot Ion:154 Resp: 1664972

Ion Ratio Lower Upper

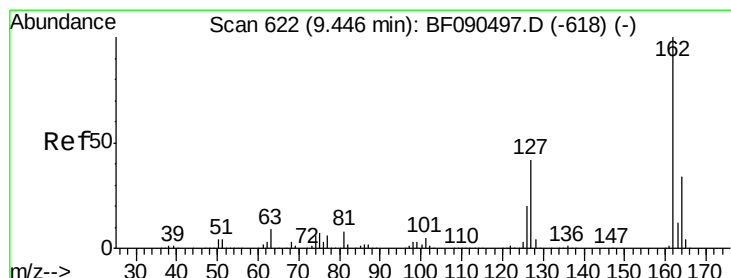
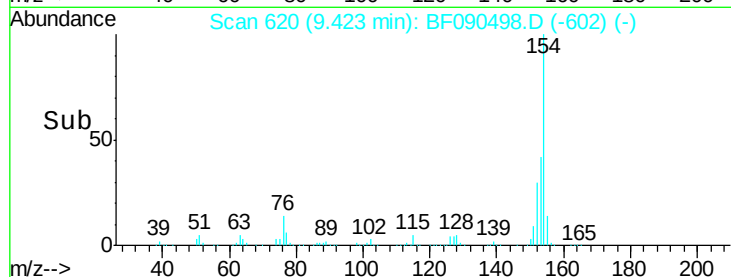
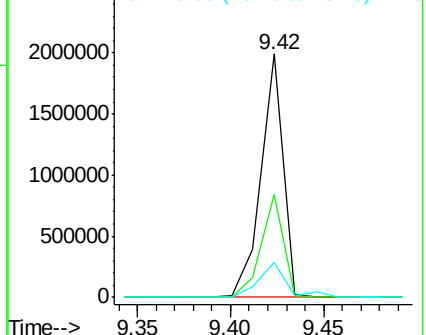
154 100

153 42.3 23.8 63.8

76 14.3 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: 49.55 ng

RT: 9.45 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

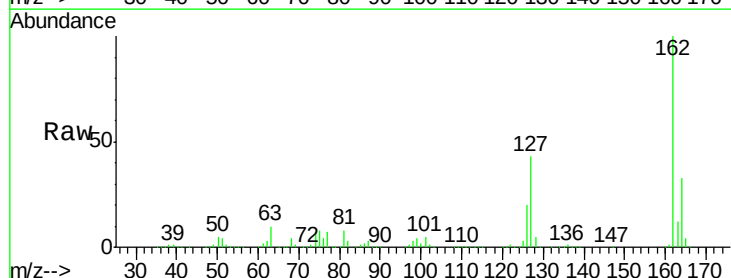
Tgt Ion:162 Resp: 1172864

Ion Ratio Lower Upper

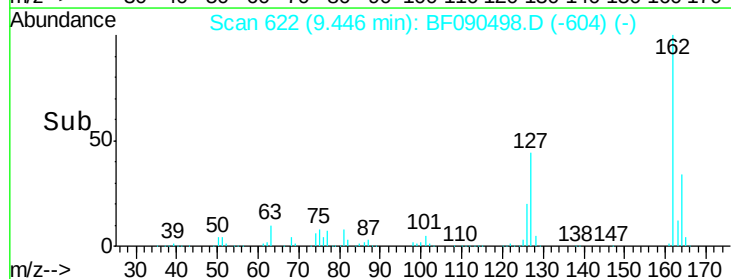
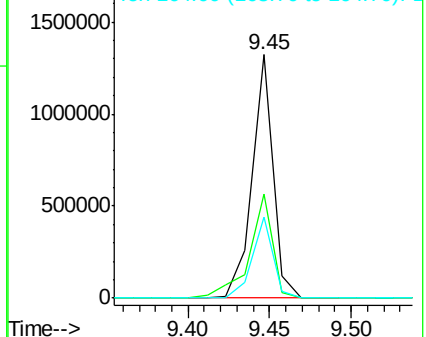
162 100

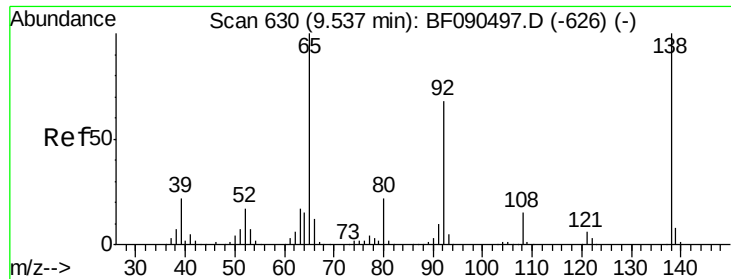
127 43.0 35.6 53.4

164 33.3 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

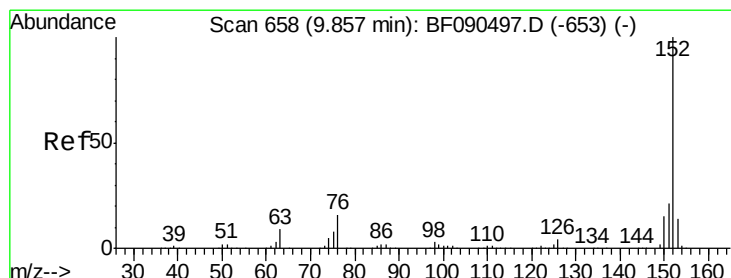
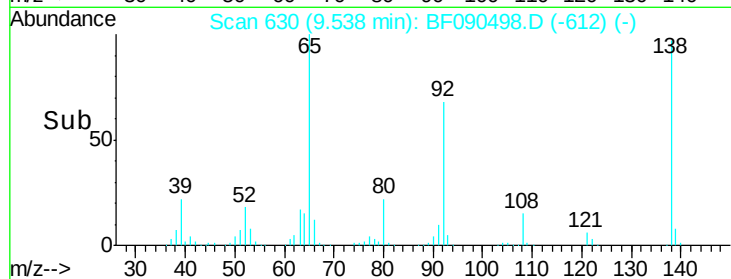
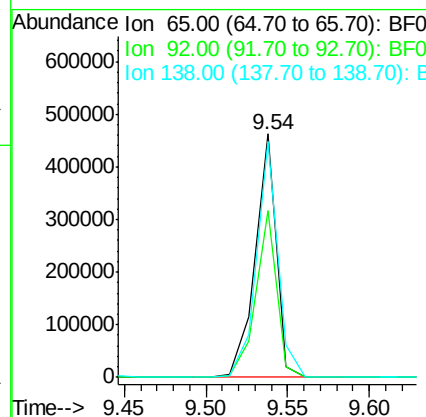
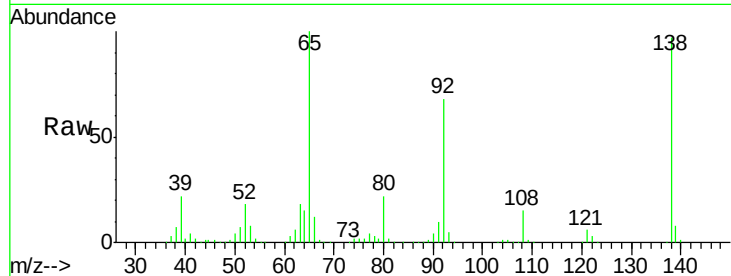




#47
 2-Nitroaniline
 Concen: 44.43 ng
 RT: 9.54 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

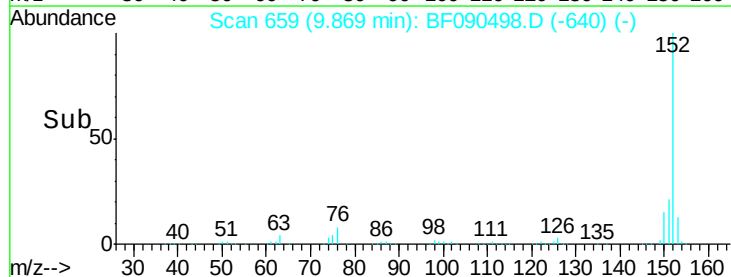
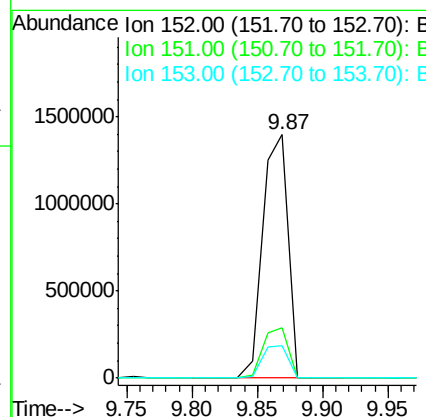
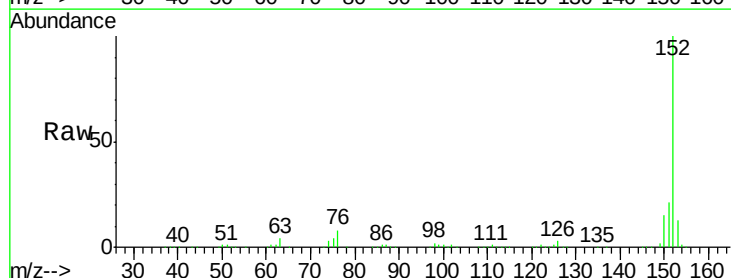
Instrument :
 BNA_F
 ClientSampleId :

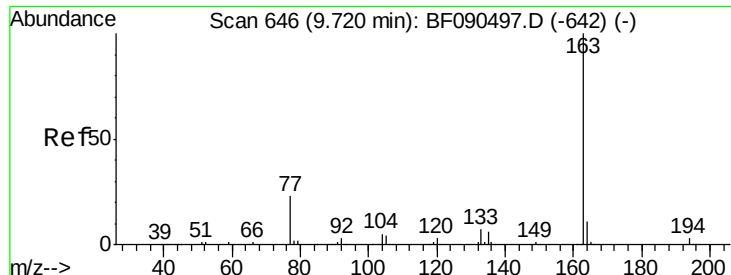
Tot Ion: 65 Resp: 414949
 Ion Ratio Lower Upper
 65 100
 92 68.3 51.7 77.5
 138 96.9 79.0 118.4



#48
 Acenaphthylene
 Concen: 48.42 ng
 RT: 9.87 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Tgt Ion:152 Resp: 1891106
 Ion Ratio Lower Upper
 152 100
 151 20.8 17.4 26.0
 153 13.3 11.6 17.4

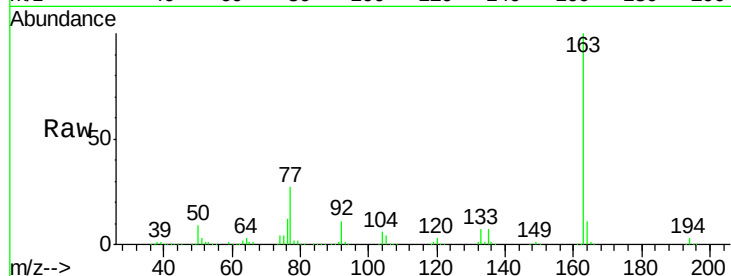




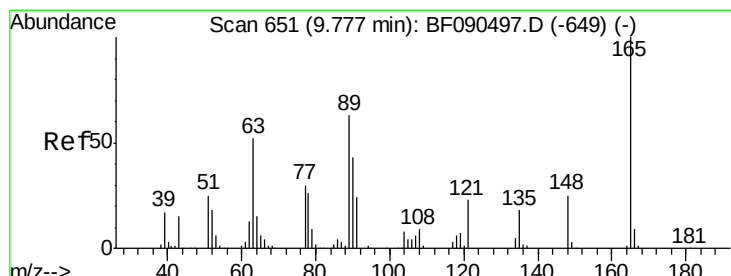
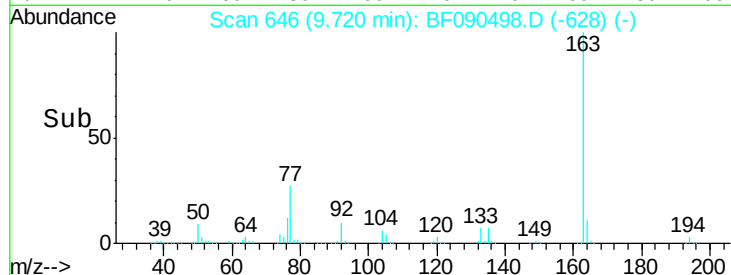
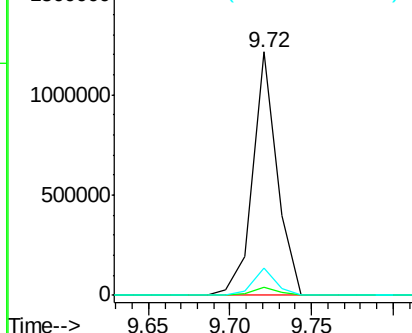
#49
Dimethylphthalate
Concen: 45.24 ng
RT: 9.72 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1252600
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 11.0 9.0 13.4

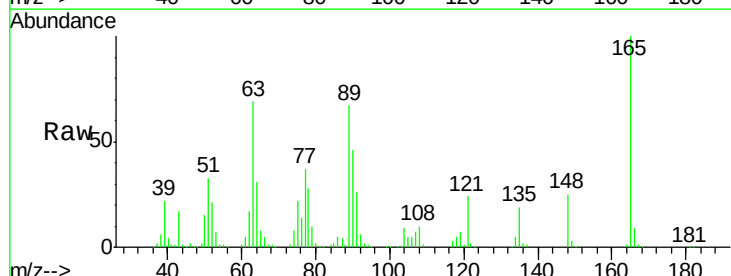


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

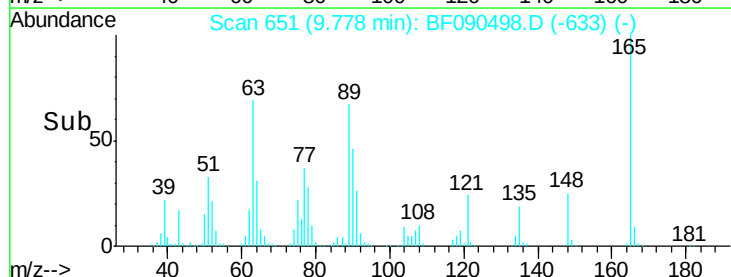
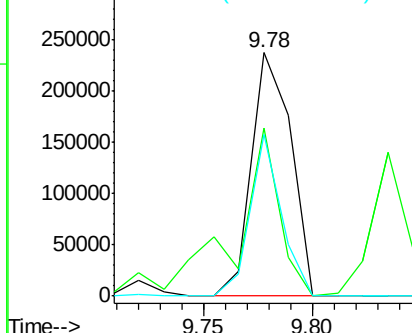


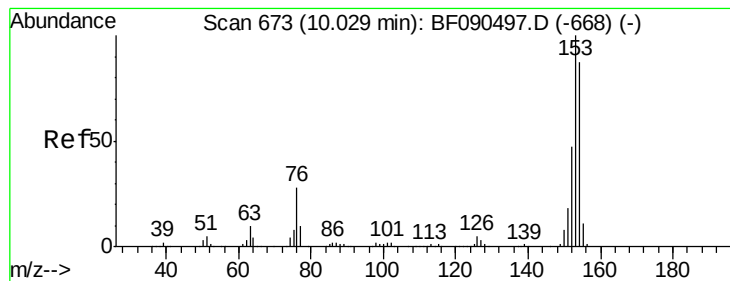
#50
2,6-Dinitrotoluene
Concen: 48.78 ng
RT: 9.78 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

Tgt Ion:165 Resp: 299891
Ion Ratio Lower Upper
165 100
63 69.2 58.0 87.0
89 66.6 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: 53.21 ng

RT: 10.04 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA_F

ClientSampleId :

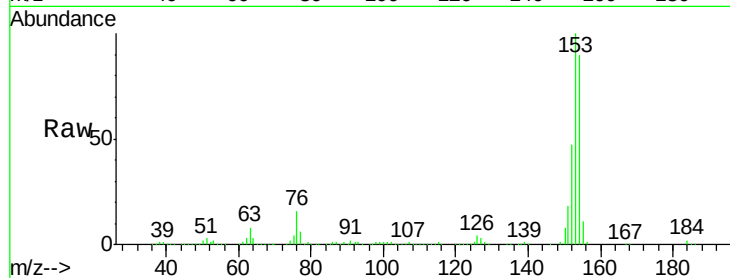
Tot Ion:154 Resp: 1295725

Ion Ratio Lower Upper

154 100

153 111.2 88.6 133.0

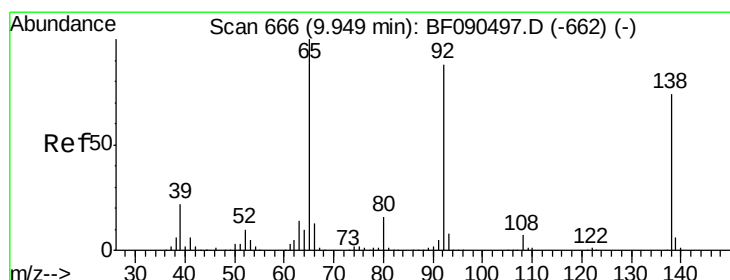
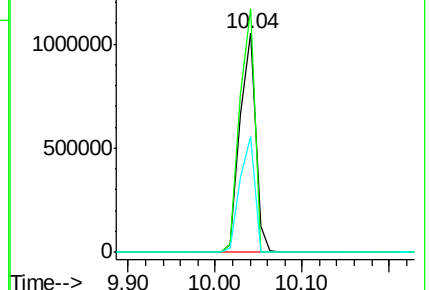
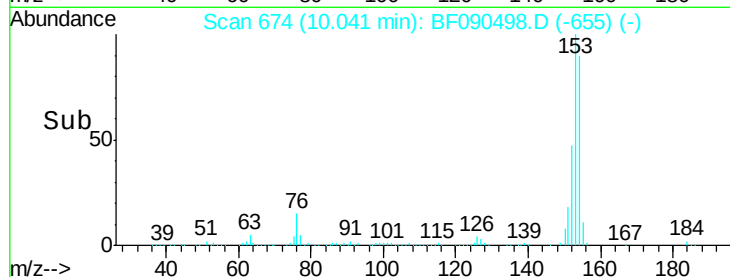
152 52.7 42.6 64.0



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: 46.58 ng

RT: 9.95 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

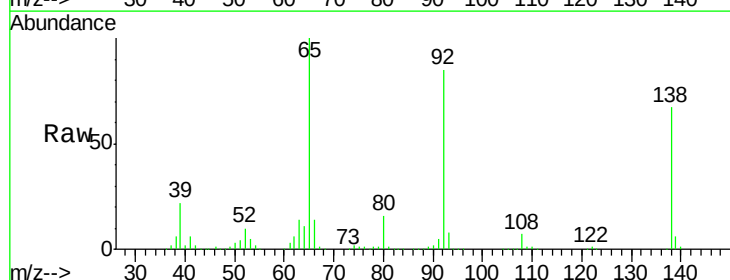
Tgt Ion:138 Resp: 334470

Ion Ratio Lower Upper

138 100

108 10.6 9.7 14.5

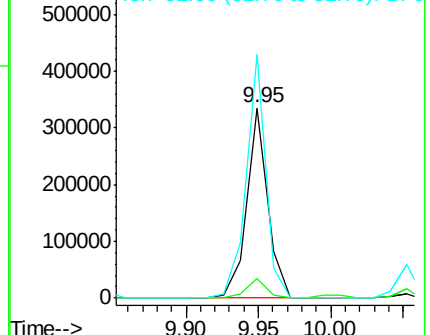
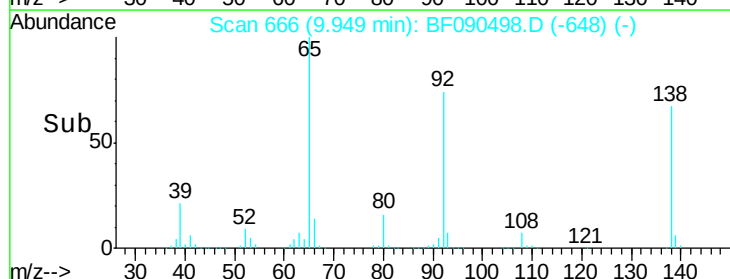
92 128.0 97.1 145.7

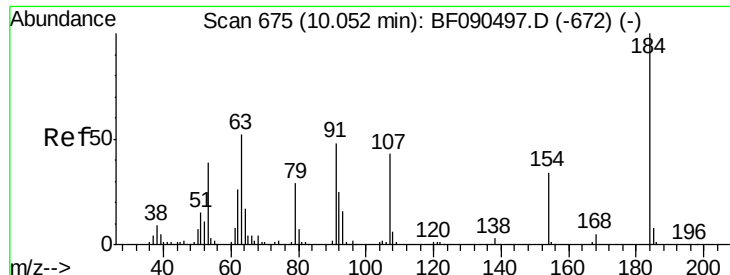


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

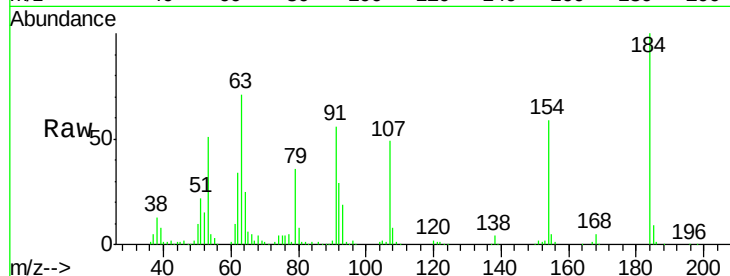




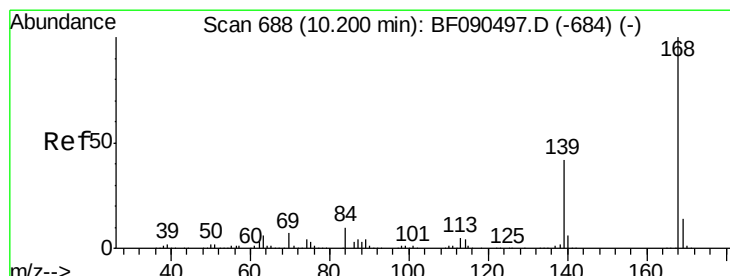
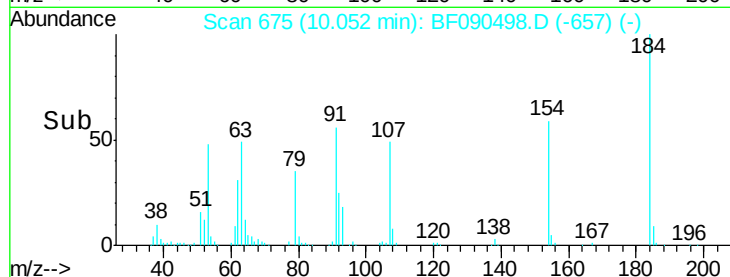
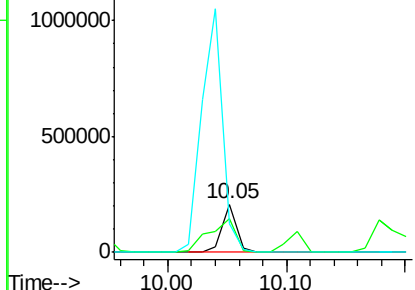
#53
 2,4-Dinitrophenol
 Concen: 64.38 ng
 RT: 10.05 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 176440
 Ion Ratio Lower Upper
 184 100
 63 71.3 41.9 62.9#
 154 59.3 48.9 73.3

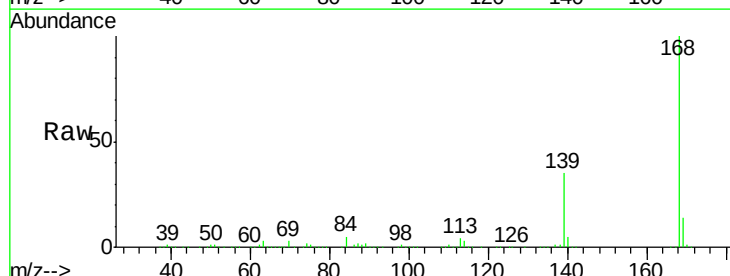


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

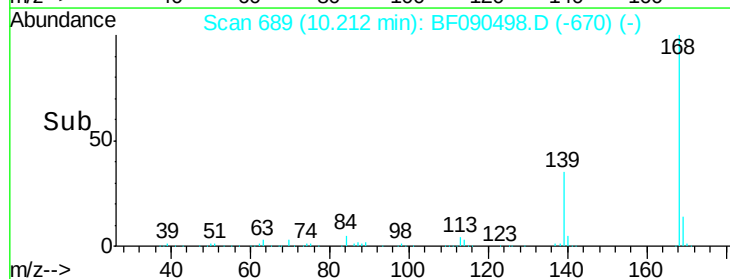
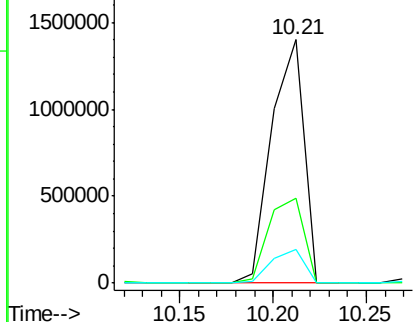


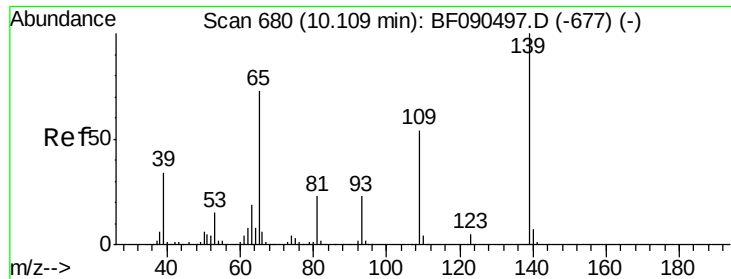
#54
 Dibenzofuran
 Concen: 53.63 ng
 RT: 10.21 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Tgt Ion:168 Resp: 1690544
 Ion Ratio Lower Upper
 168 100
 139 34.7 29.6 44.4
 169 13.7 11.3 16.9



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

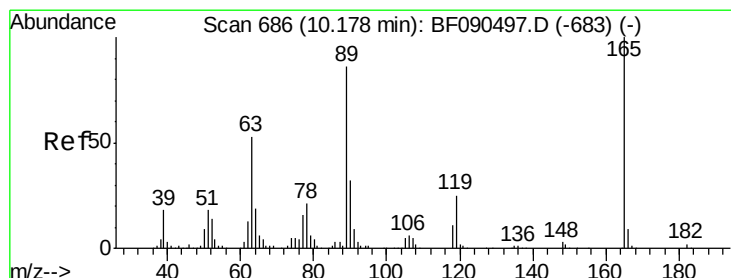
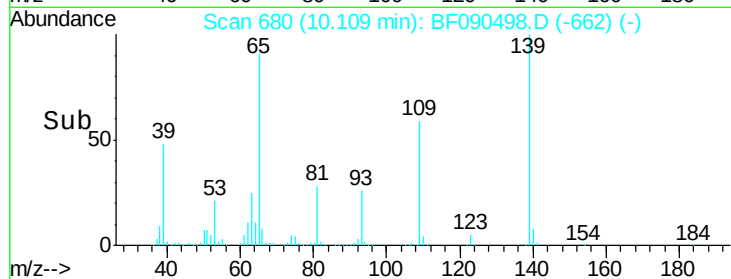
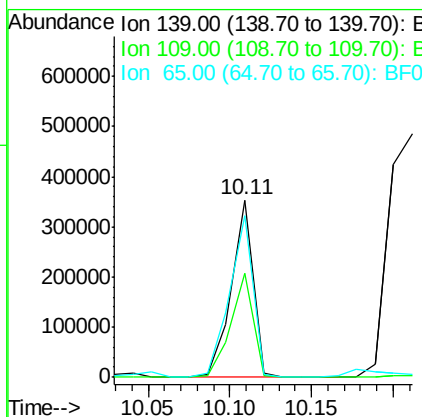
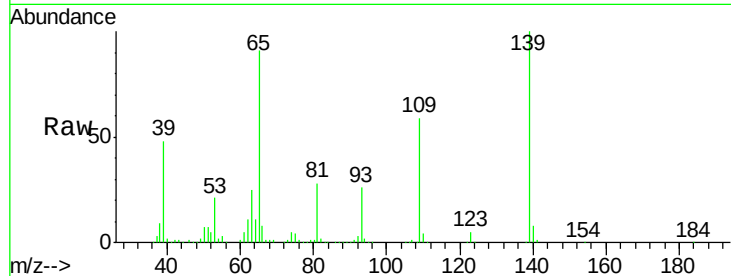




#55
4-Nitrophenol
Concen: 52.10 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

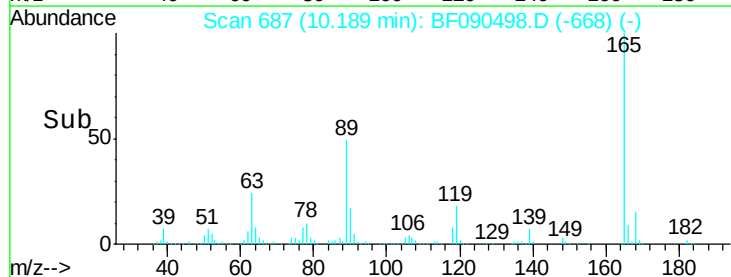
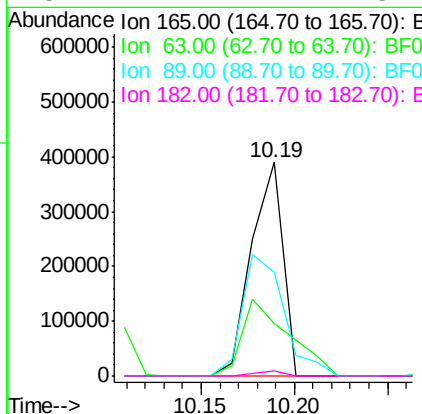
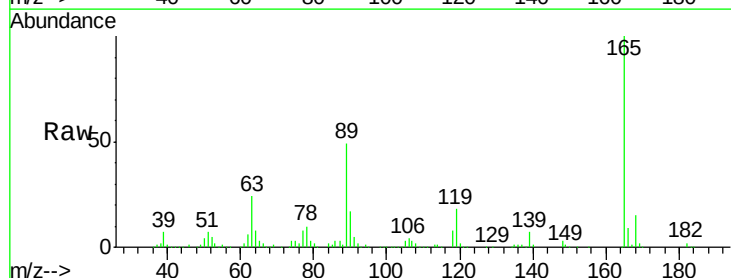
Instrument :
BNA_F
ClientSampleId :

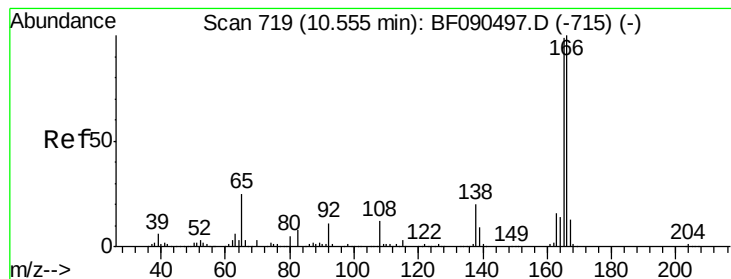
Tot Ion:139 Resp: 327369
Ion Ratio Lower Upper
139 100
109 58.7 43.6 83.6
65 91.4 87.5 127.5



#56
2,4-Dinitrotoluene
Concen: 55.64 ng
RT: 10.19 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

Tgt Ion:165 Resp: 455234
Ion Ratio Lower Upper
165 100
63 24.4 17.8 26.6
89 48.6 33.2 49.8
182 2.4 2.1 3.1





#57

Fluorene

Concen: 52.57 ng

RT: 10.55 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA_F

ClientSampleId :

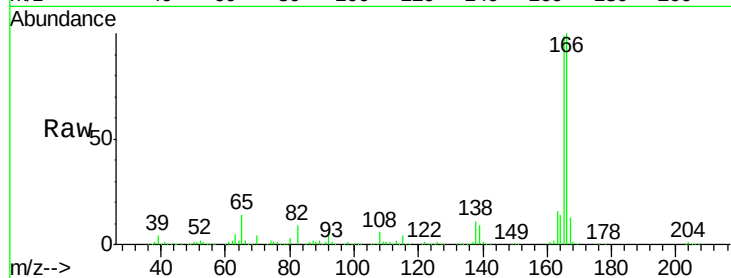
Tot Ion:166 Resp: 1392457

Ion Ratio Lower Upper

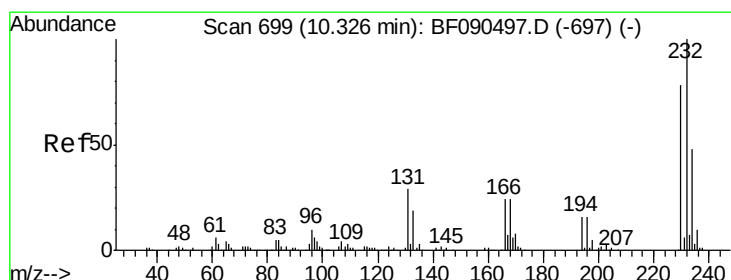
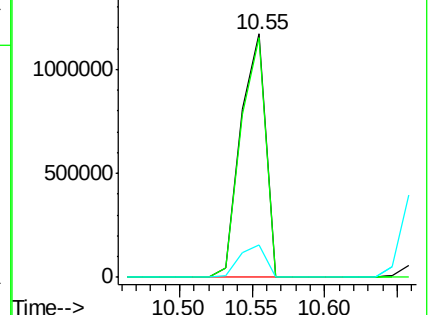
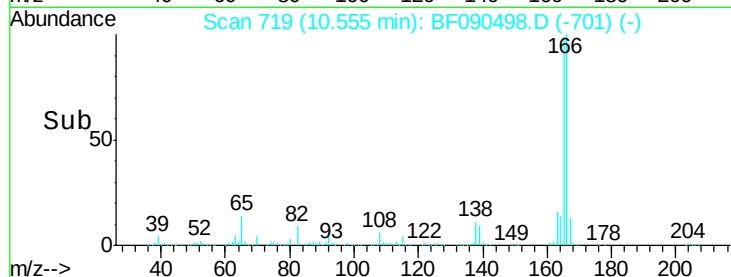
166 100

165 98.7 79.2 118.8

167 13.2 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 64.75 ng

RT: 10.33 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Tgt Ion:232 Resp: 359646

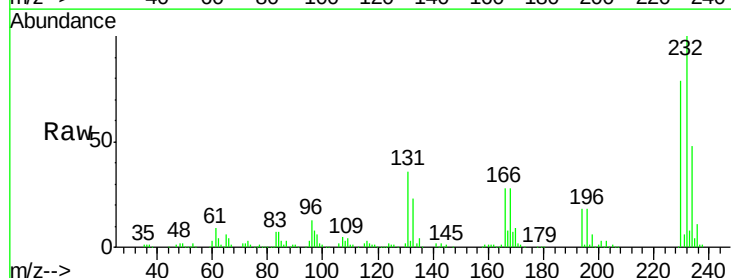
Ion Ratio Lower Upper

232 100

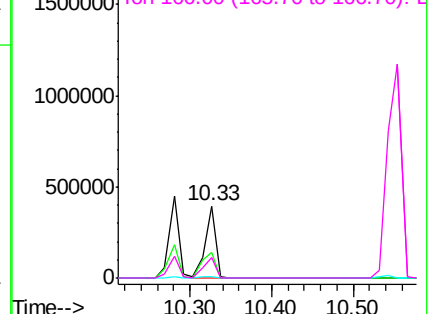
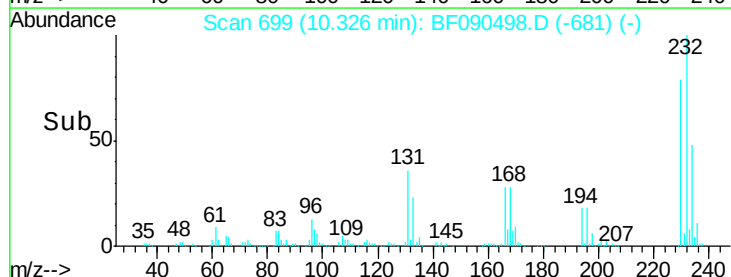
131 46.1 34.5 51.7

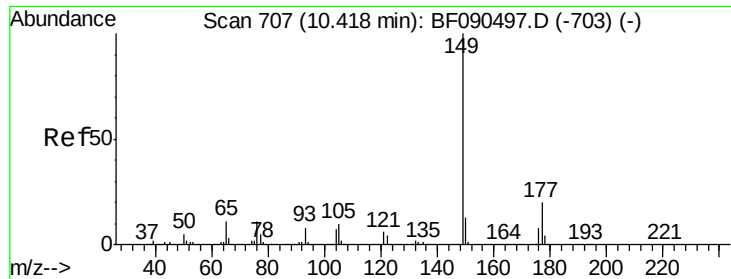
130 2.0 1.6 2.4

166 32.6 23.8 35.8



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

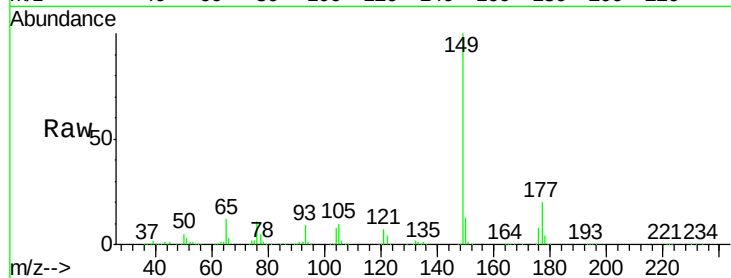




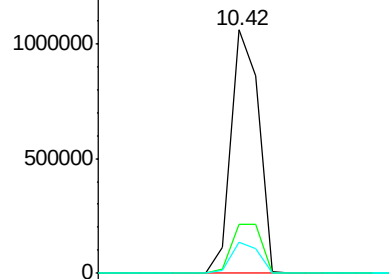
#59
Diethylphthalate
Concen: 48.87 ng
RT: 10.42 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

Instrument :
BNA_F
ClientSampleId :

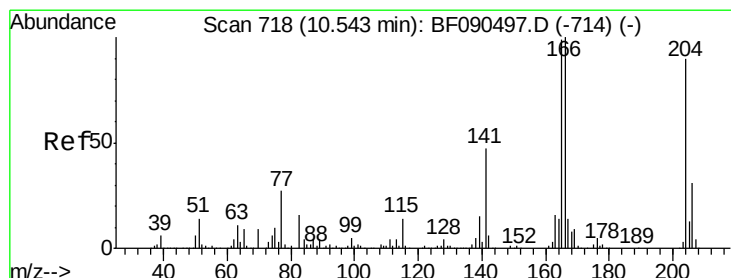
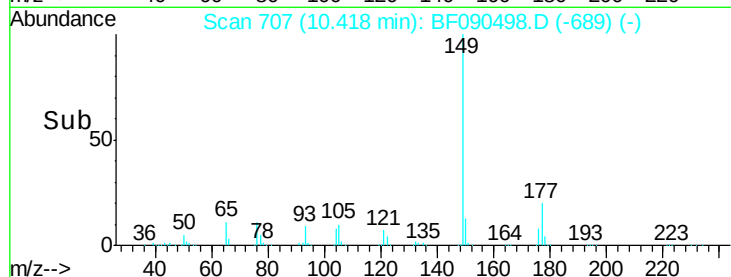
Tot Ion:149 Resp: 1400094
Ion Ratio Lower Upper
149 100
177 20.0 21.1 31.7#
150 13.1 10.2 15.2



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

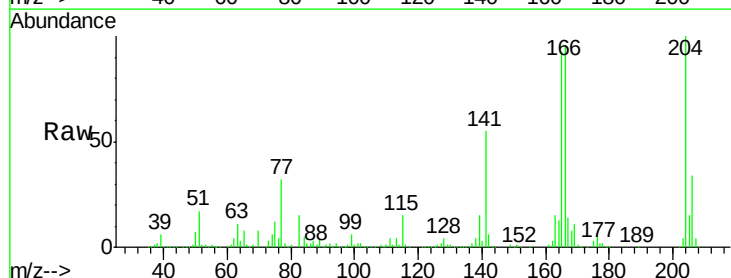


Time-->

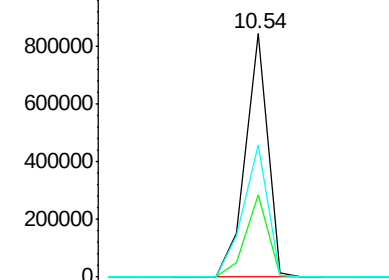


#60
4-Chlorophenyl-phenylether
Concen: 57.56 ng
RT: 10.54 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

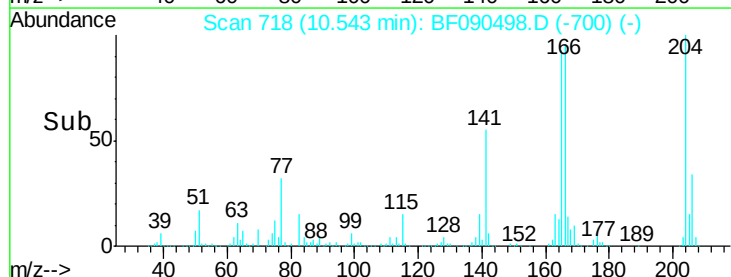
Tgt Ion:204 Resp: 693229
Ion Ratio Lower Upper
204 100
206 33.8 26.7 40.1
141 54.5 51.7 77.5

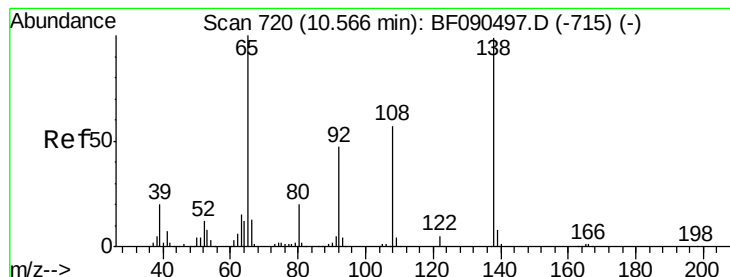


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#61

4-Nitroaniline

Concen: 52.02 ng

RT: 10.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA_F

ClientSampleId :

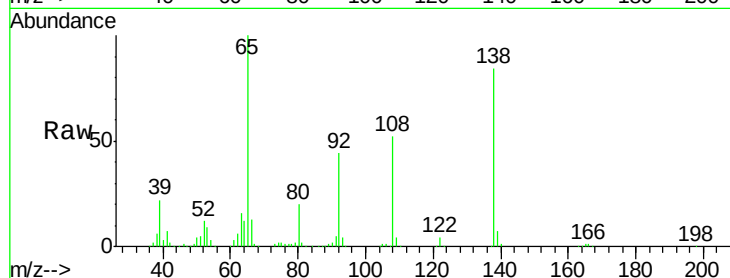
Tot Ion:138 Resp: 376392

Ion Ratio Lower Upper

138 100

92 52.3 33.2 73.2

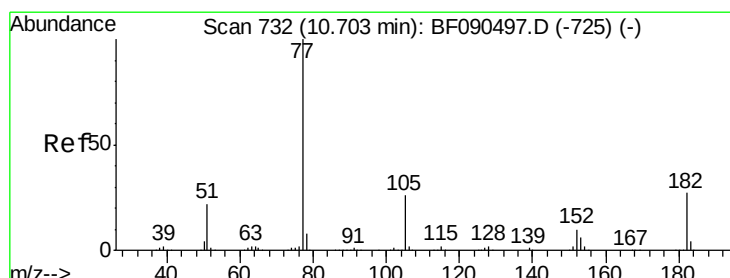
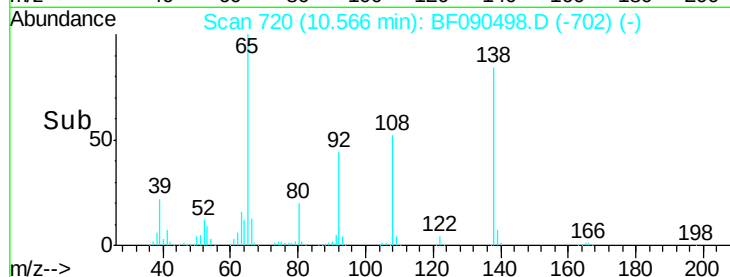
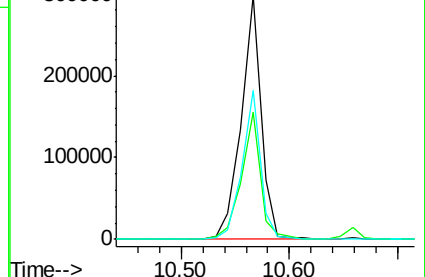
108 61.2 48.5 88.5



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: 47.76 ng

RT: 10.70 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Tgt Ion: 77 Resp: 1580499

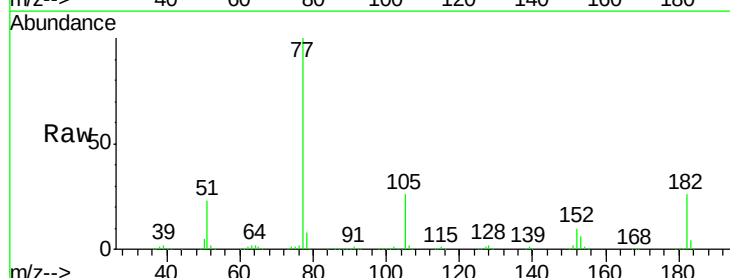
Ion Ratio Lower Upper

77 100

182 25.7 3.2 43.2

105 26.0 2.9 42.9

51 23.2 14.2 54.2

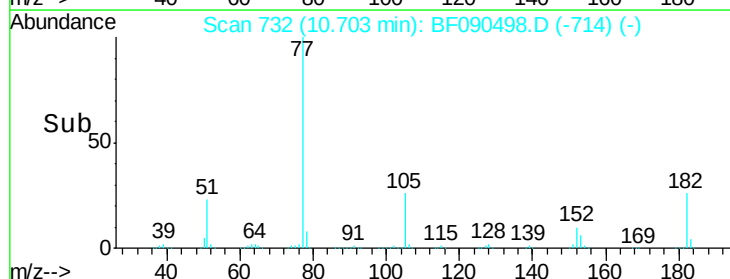
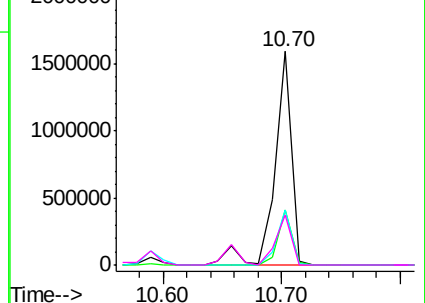


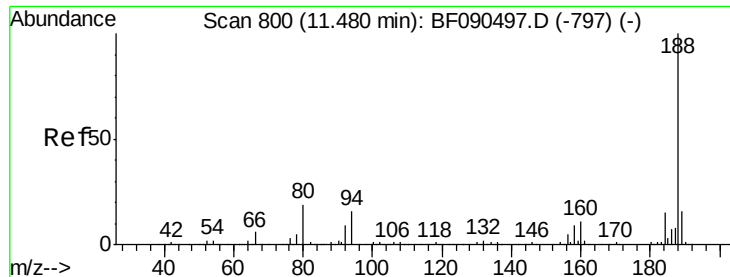
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

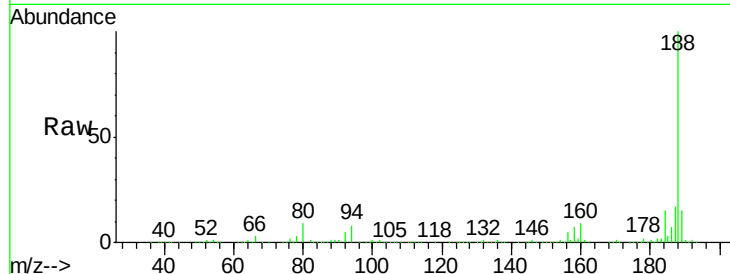




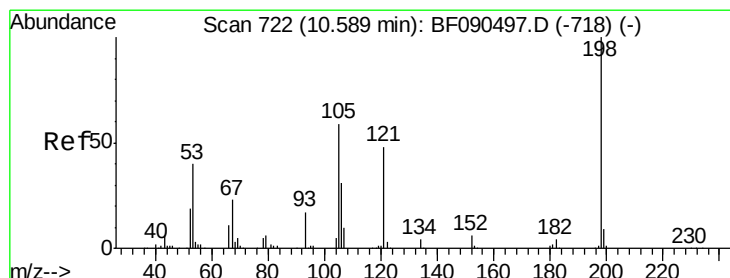
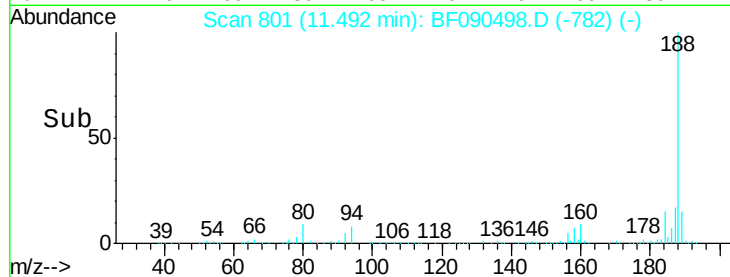
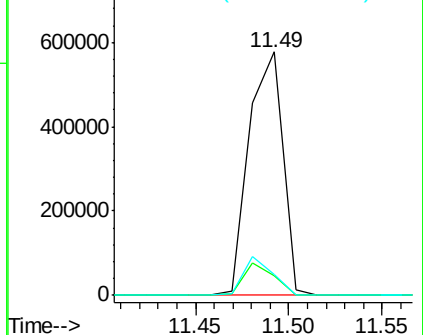
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 727694
 Ion Ratio Lower Upper
 188 100
 94 8.0 8.2 12.2#
 80 8.7 8.8 13.2#

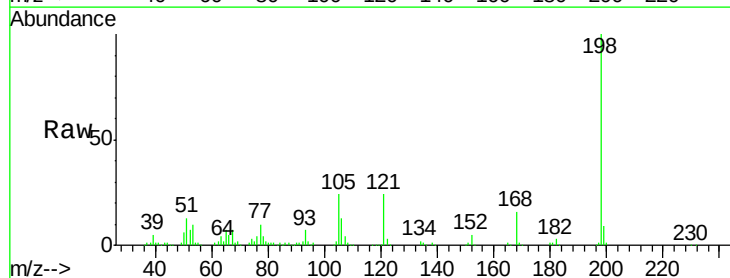


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

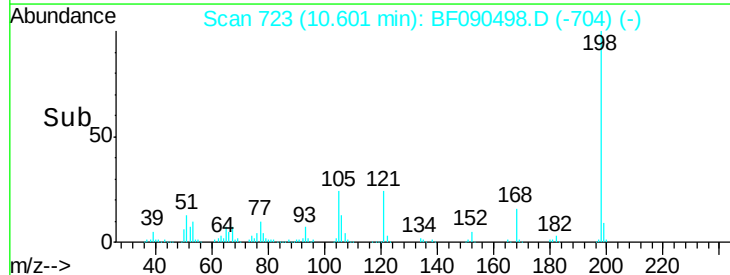
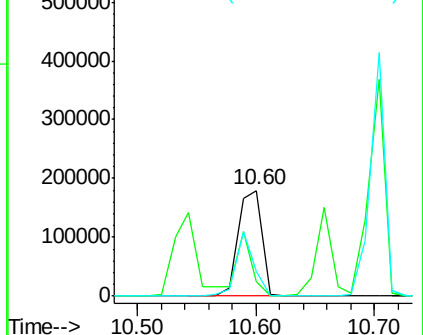


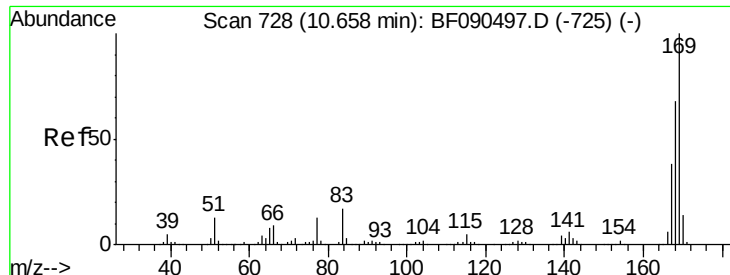
#64
 4,6-Dinitro-2-methylphenol
 Concen: 56.65 ng
 RT: 10.60 min Scan# 723
 Delta R.T. 0.01 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Tgt Ion:198 Resp: 250163
 Ion Ratio Lower Upper
 198 100
 51 13.2 67.3 107.3#
 105 23.9 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

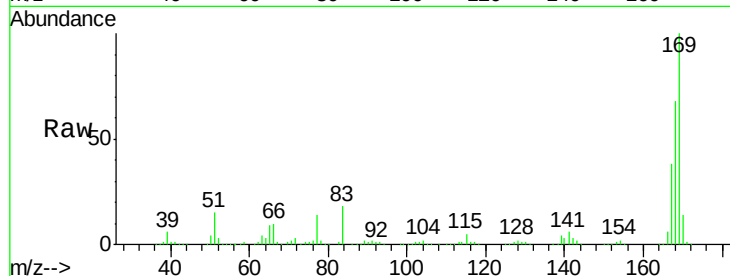




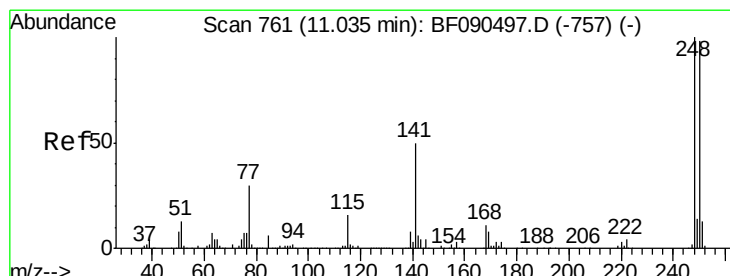
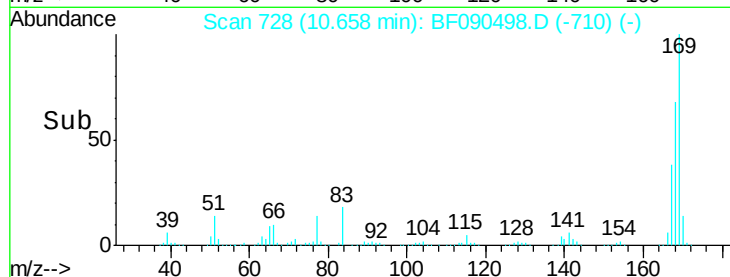
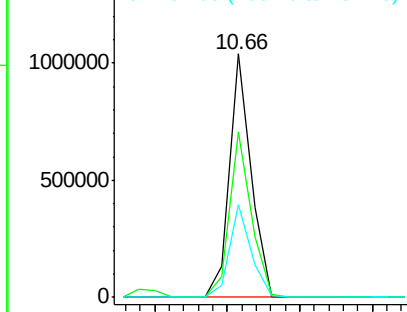
#65
n-Nitrosodiphenylamine
Concen: 43.92 ng
RT: 10.66 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:169 Resp: 1071013
Ion Ratio Lower Upper
169 100
168 68.2 53.8 80.6
167 37.9 29.8 44.8

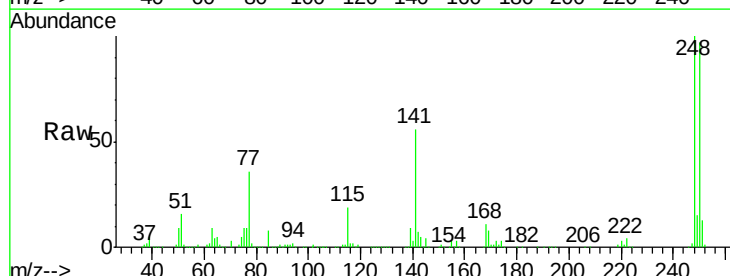


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

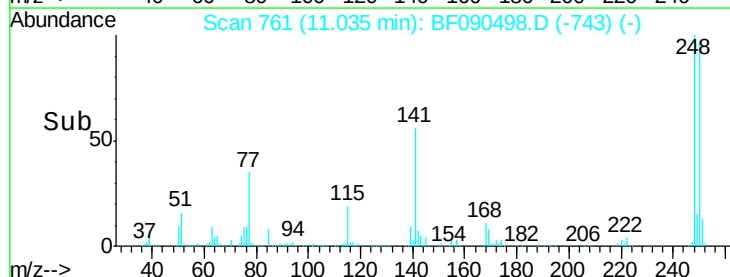
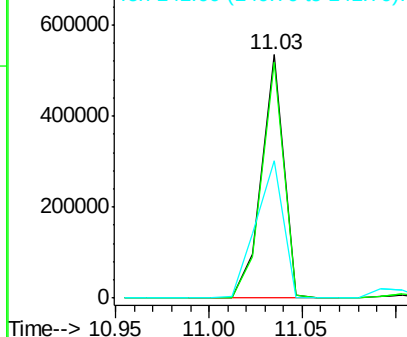


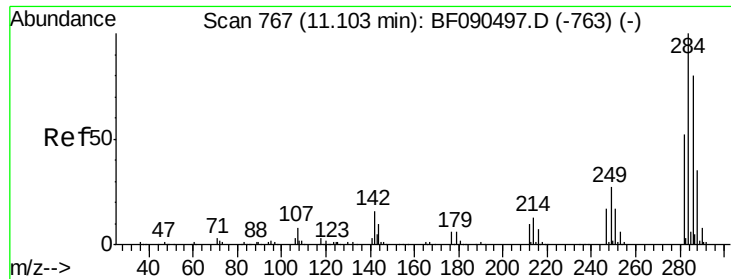
#66
4-Bromophenyl-phenylether
Concen: 61.48 ng
RT: 11.03 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

Tgt Ion:248 Resp: 438555
Ion Ratio Lower Upper
248 100
250 96.8 76.5 114.7
141 56.2 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

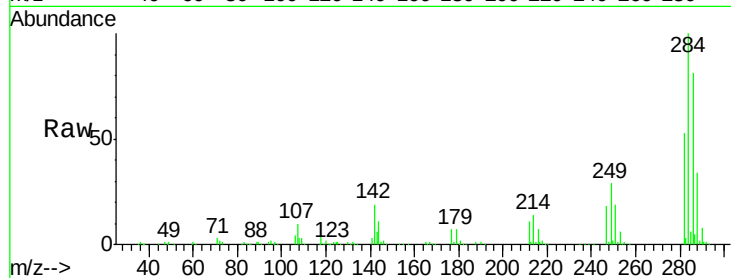




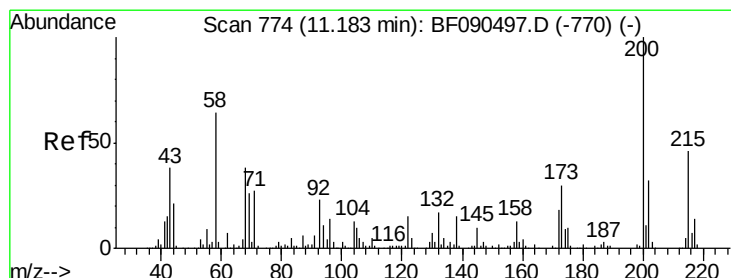
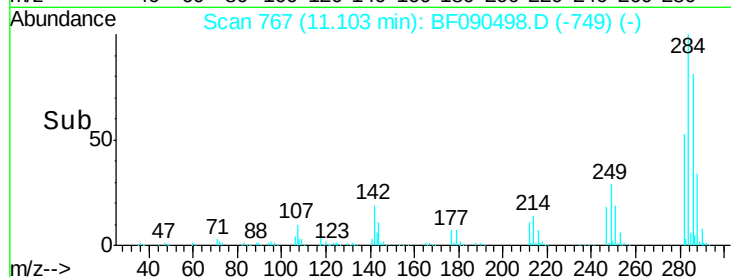
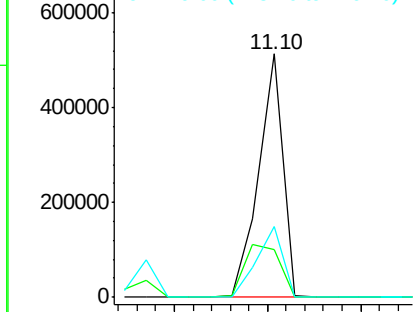
#67
Hexachlorobenzene
Concen: 59.27 ng
RT: 11.10 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 470810
Ion Ratio Lower Upper
284 100
142 19.4 23.1 34.7#
249 29.0 26.3 39.5

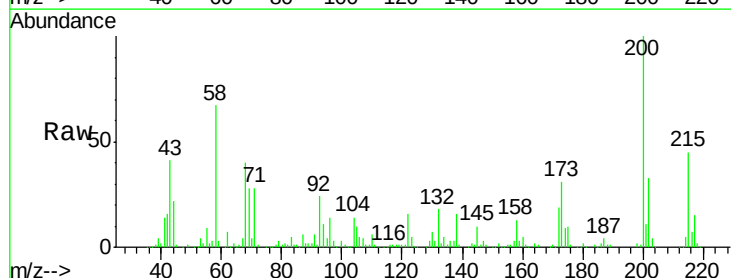


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

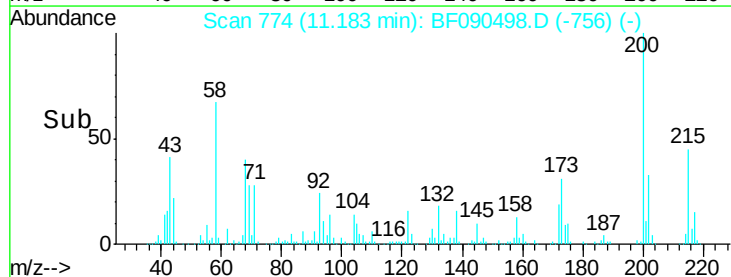
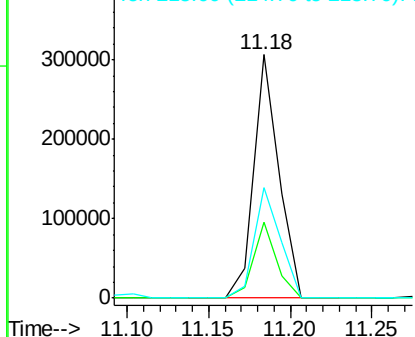


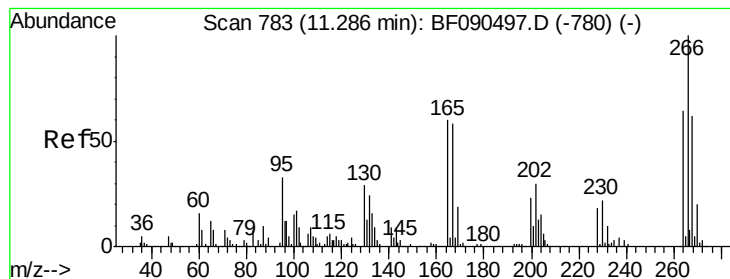
#68
Atrazine
Concen: 54.20 ng
RT: 11.18 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

Tgt Ion:200 Resp: 325904
Ion Ratio Lower Upper
200 100
173 31.4 9.0 49.0
215 45.2 24.8 64.8



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





#69

Pentachlorophenol

Concen: 52.75 ng

RT: 11.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA_F

ClientSampled :

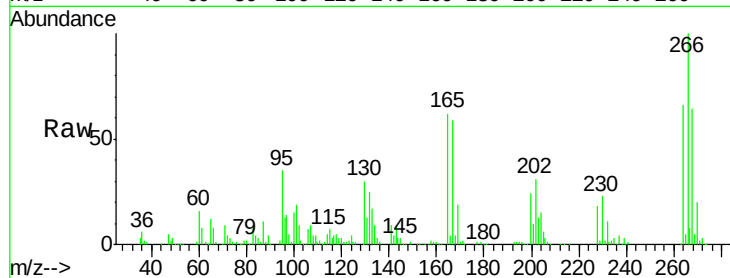
Tot Ion:266 Resp: 249422

Ion Ratio Lower Upper

266 100

268 64.1 50.9 76.3

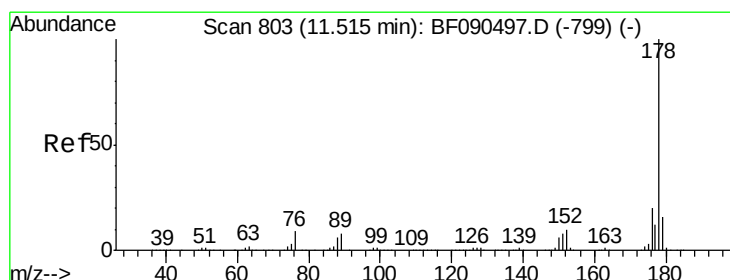
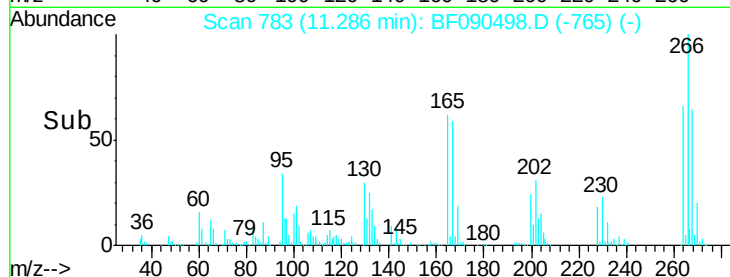
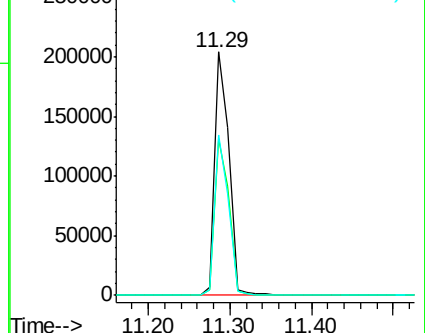
264 65.9 51.5 77.3



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: 53.52 ng

RT: 11.51 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

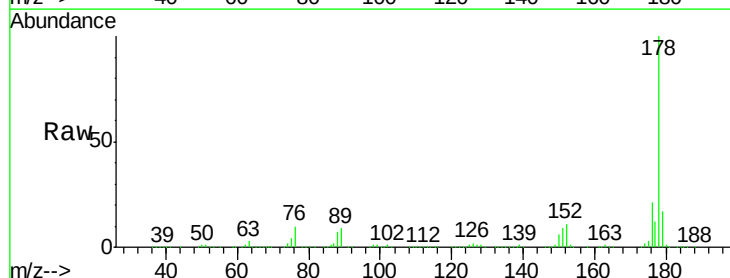
Tgt Ion:178 Resp: 1994163

Ion Ratio Lower Upper

178 100

176 21.4 17.3 25.9

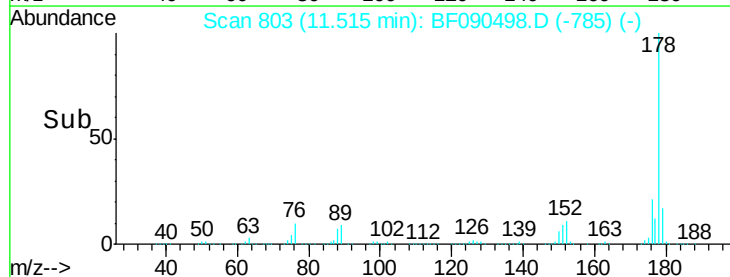
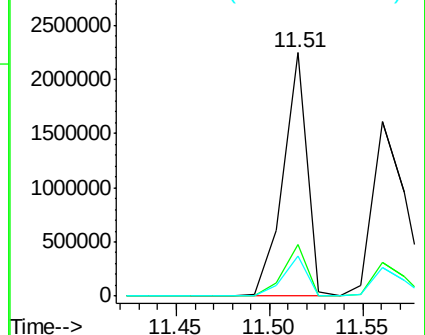
179 16.6 13.8 20.6

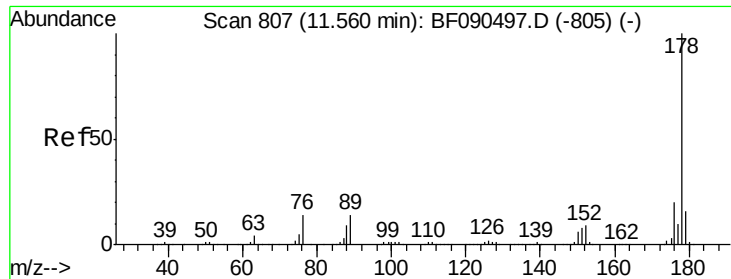


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

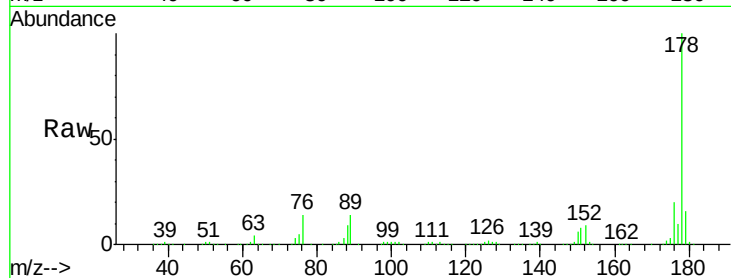




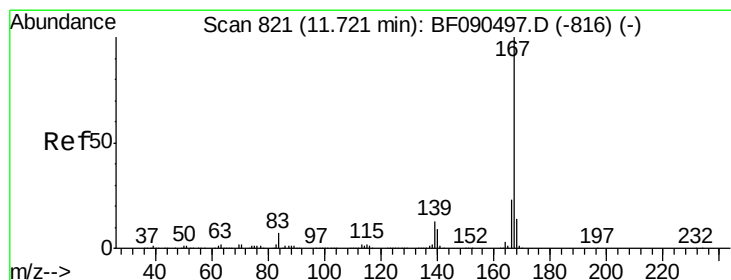
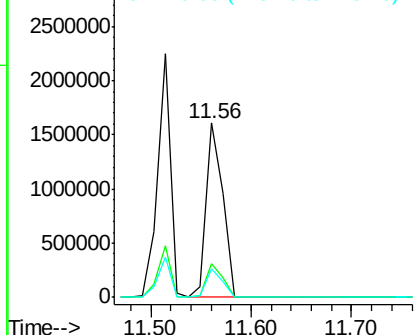
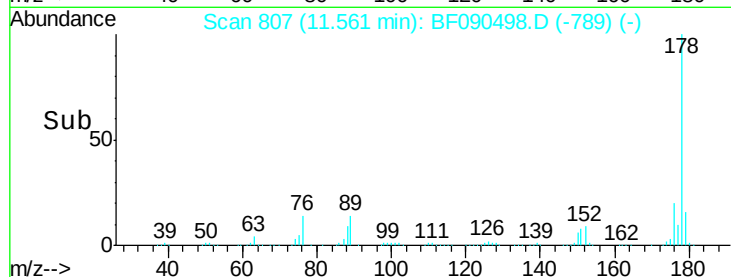
#71
 Anthracene
 Concen: 48.18 ng
 RT: 11.56 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1833246
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.8 25.2
 179 16.5 13.4 20.2

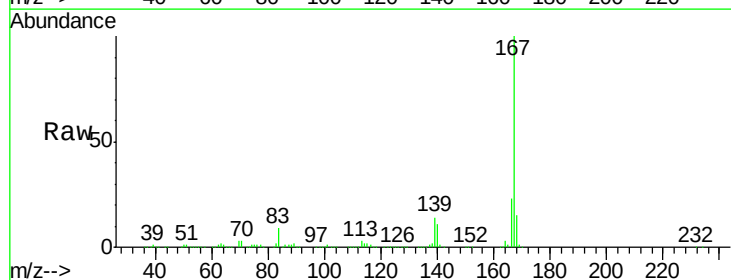


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

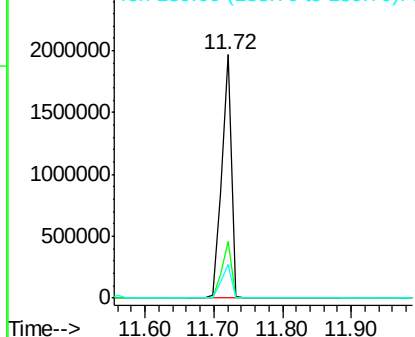
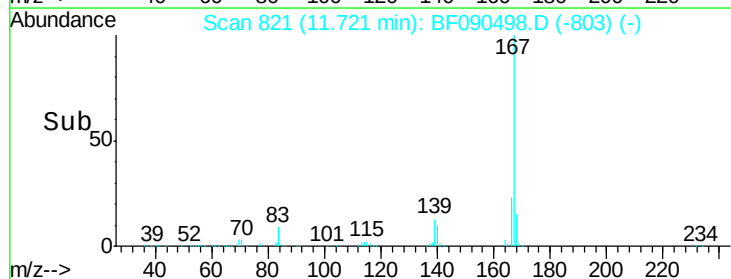


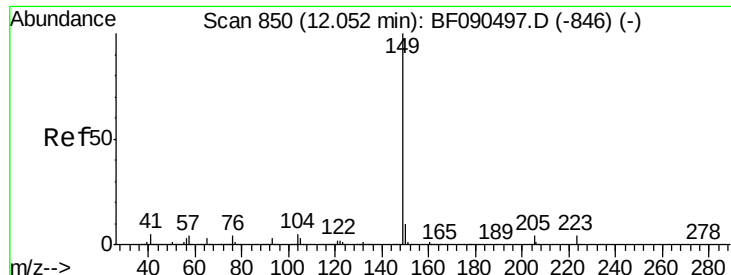
#72
 Carbazole
 Concen: 55.50 ng
 RT: 11.72 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Tgt Ion:167 Resp: 1962007
 Ion Ratio Lower Upper
 167 100
 166 23.1 19.1 28.7
 139 13.9 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: 54.16 ng

RT: 12.05 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA_F

ClientSampleId :

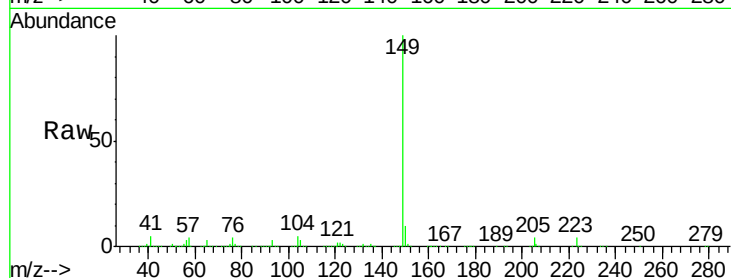
Tot Ion:149 Resp: 2330094

Ion Ratio Lower Upper

149 100

150 10.1 8.6 12.8

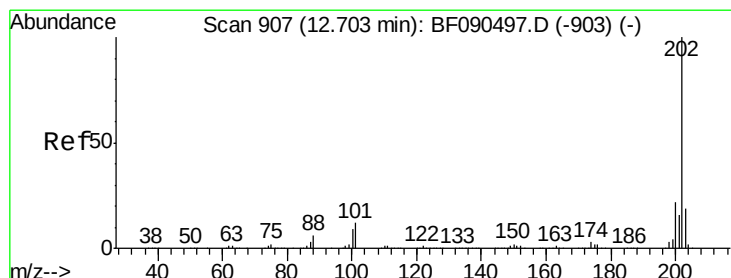
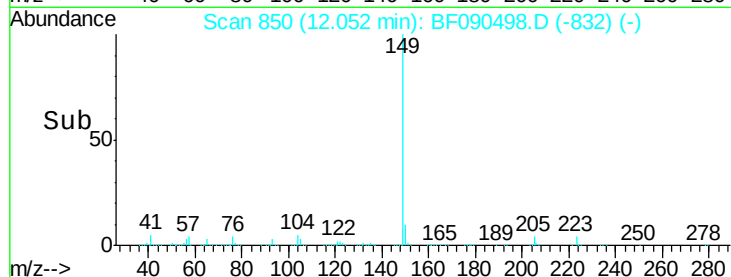
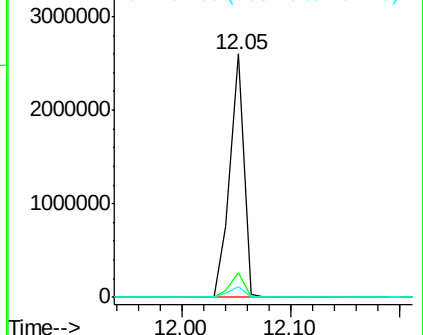
104 4.6 4.7 7.1#



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: 55.40 ng

RT: 12.70 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

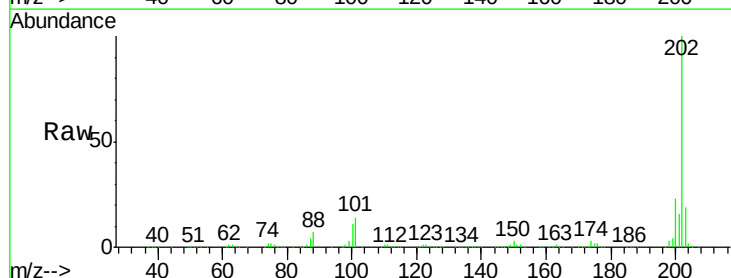
Tgt Ion:202 Resp: 2024843

Ion Ratio Lower Upper

202 100

101 14.3 0.0 37.2

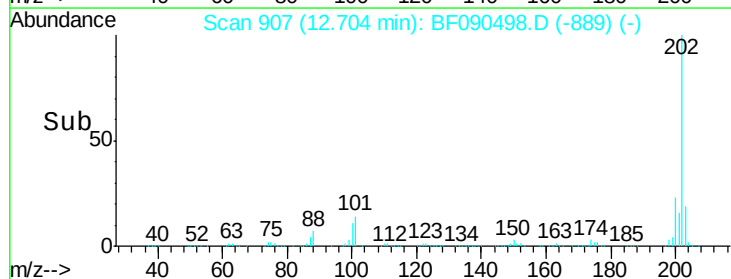
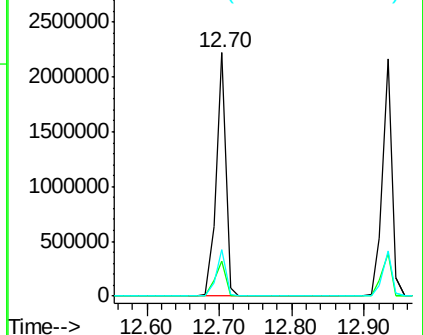
203 18.9 0.0 39.3

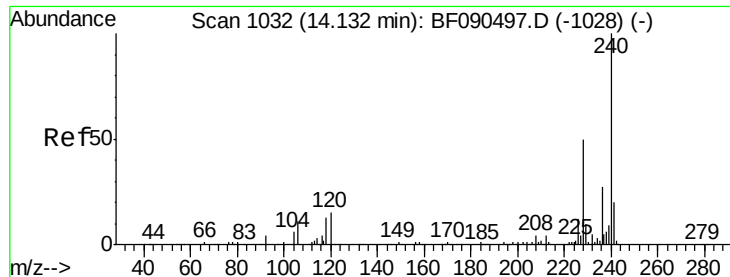


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA_F

ClientSampled :

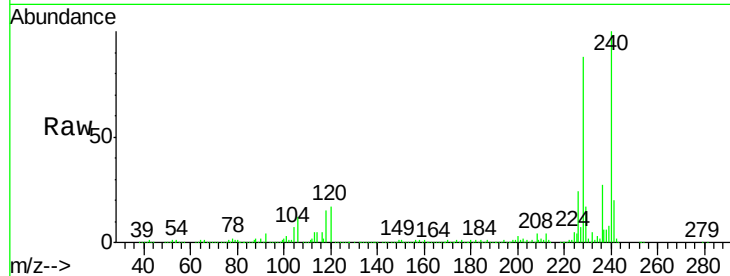
Tot Ion:240 Resp: 671965

Ion Ratio Lower Upper

240 100

120 17.0 8.6 13.0#

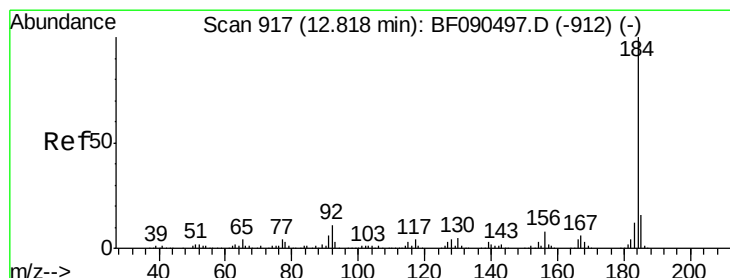
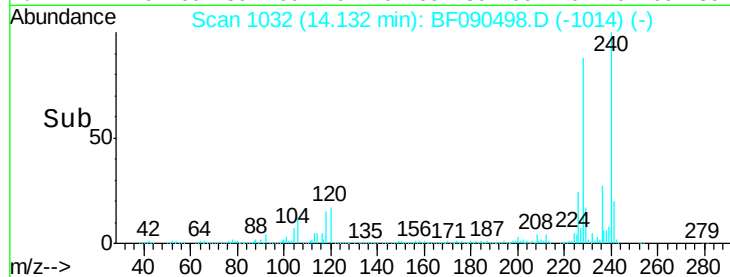
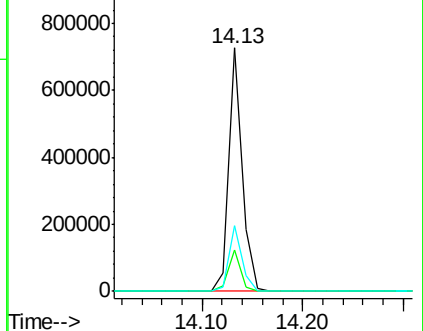
236 27.2 21.6 32.4



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: 51.86 ng

RT: 12.82 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

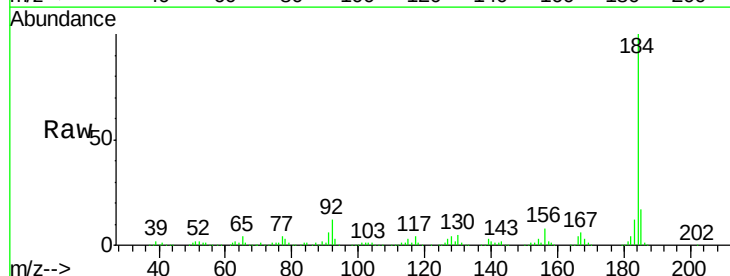
Tgt Ion:184 Resp: 916305

Ion Ratio Lower Upper

184 100

185 16.7 11.8 17.8

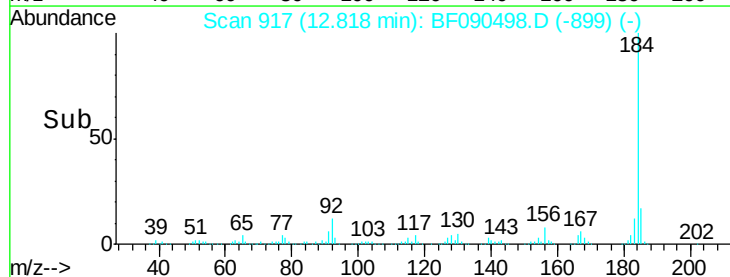
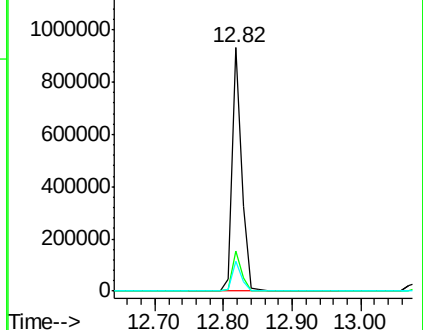
183 12.1 9.6 14.4

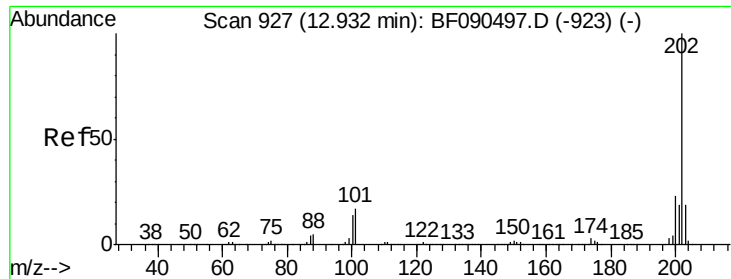


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

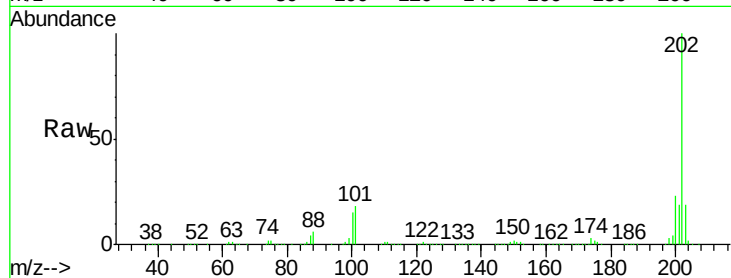




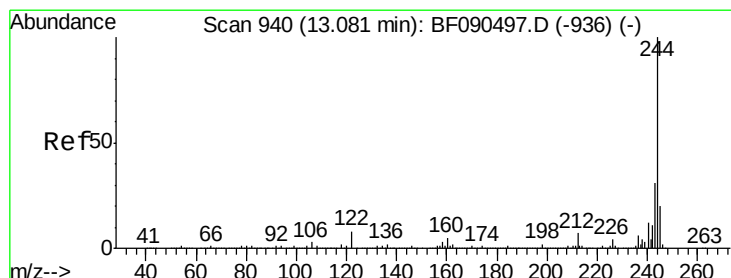
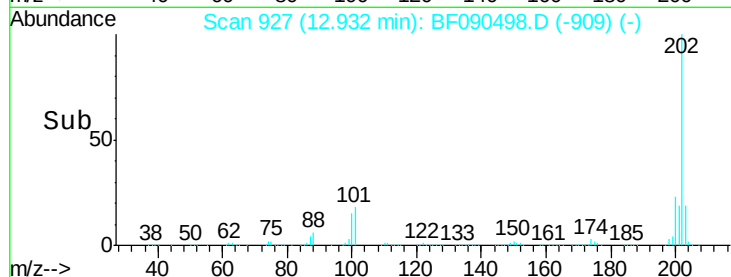
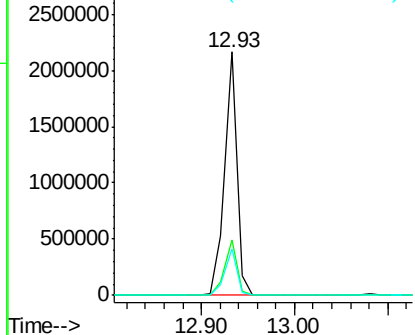
#77
Pvrene
Concen: 44.14 ng
RT: 12.93 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1977840
Ion Ratio Lower Upper
202 100
200 22.9 18.5 27.7
203 19.0 15.0 22.6

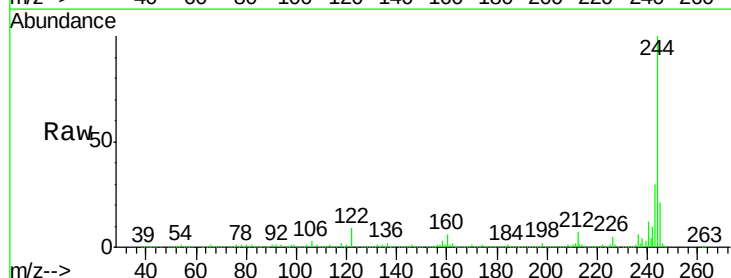


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

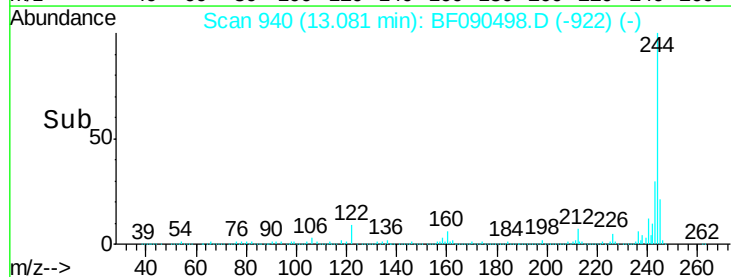
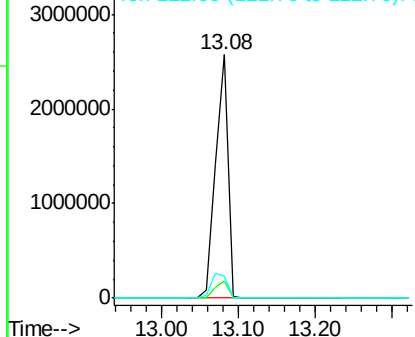


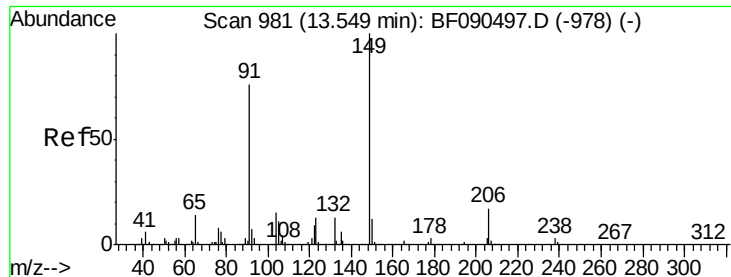
#78
Terphenyl-d14
Concen: 94.10 ng
RT: 13.08 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

Tgt Ion:244 Resp: 2812480
Ion Ratio Lower Upper
244 100
212 7.2 6.8 10.2
122 9.4 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

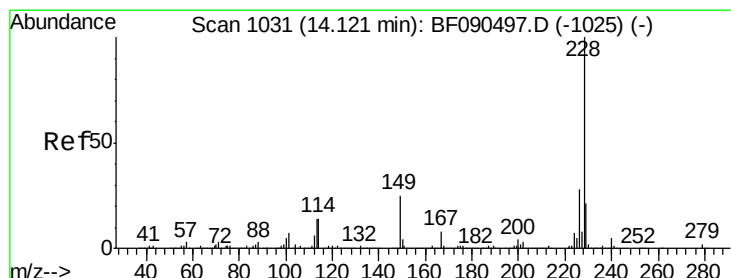
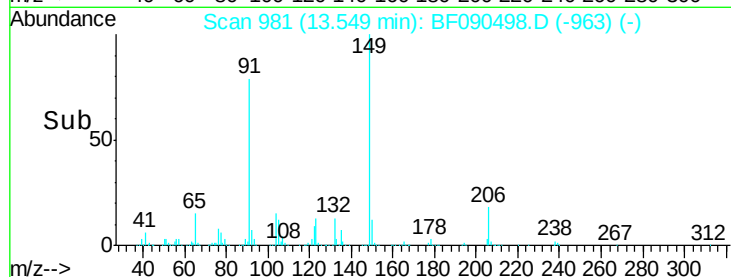
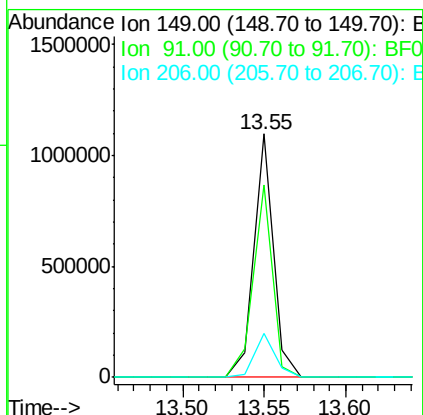
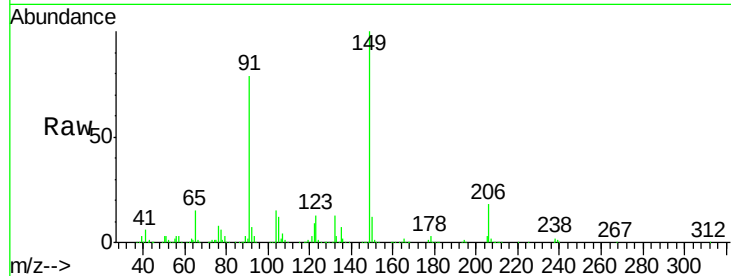




#79
Butylbenzylphthalate
Concen: 39.88 ng
RT: 13.55 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

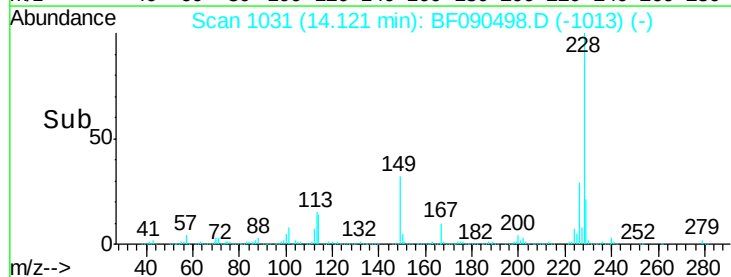
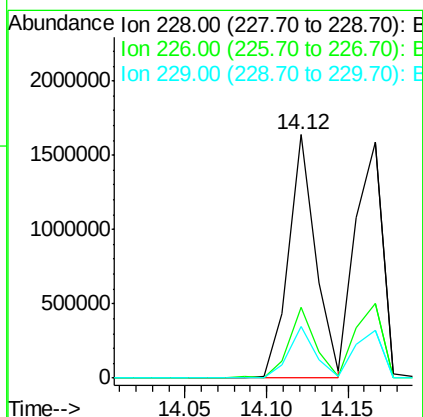
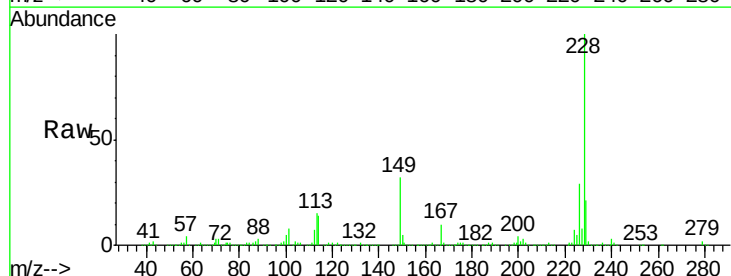
Instrument :
BNA_F
ClientSampled :

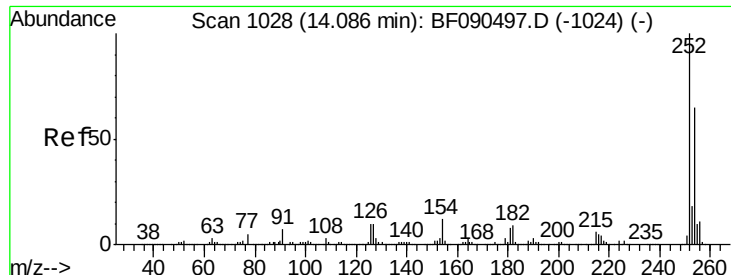
Tot Ion:149 Resp: 916924
Ion Ratio Lower Upper
149 100
91 78.9 51.8 77.8#
206 17.9 18.0 27.0#



#80
Benzo(a)anthracene
Concen: 50.55 ng
RT: 14.12 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

Tgt Ion:228 Resp: 1905938
Ion Ratio Lower Upper
228 100
226 29.2 23.6 35.4
229 21.1 16.6 25.0

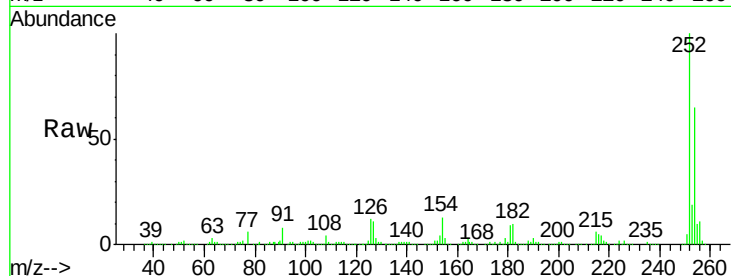




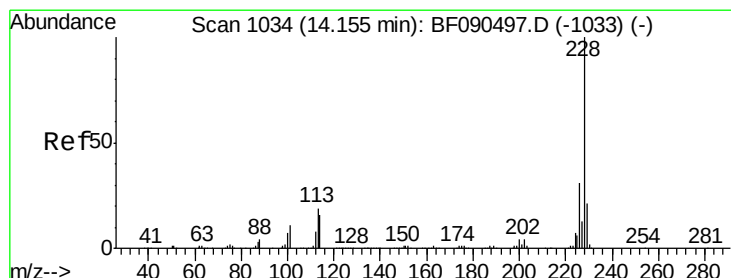
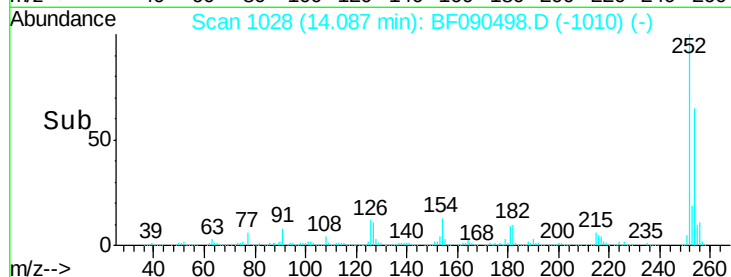
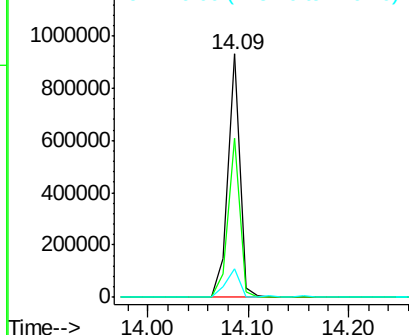
#81
 3,3'-Dichlorobenzidine
 Concen: 56.43 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 771383
 Ion Ratio Lower Upper
 252 100
 254 65.3 52.1 78.1
 126 11.8 4.2 6.4#

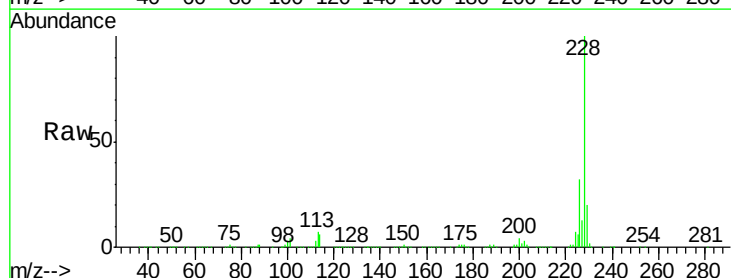


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

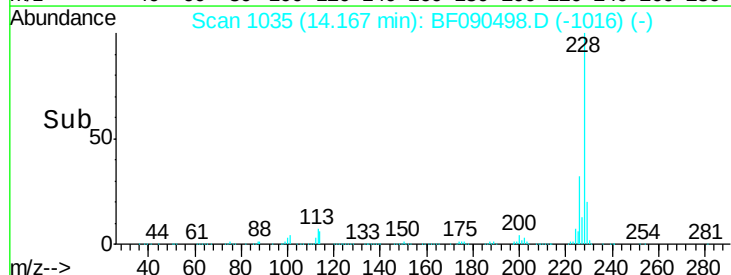
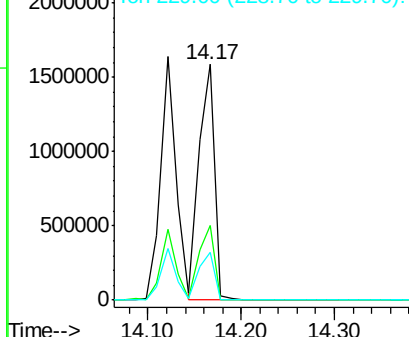


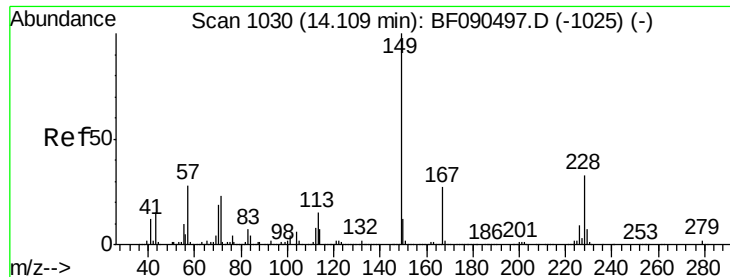
#82
 Chrysene
 Concen: 53.59 ng
 RT: 14.17 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Tgt Ion:228 Resp: 1859644
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.8 38.6
 229 20.4 16.9 25.3



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

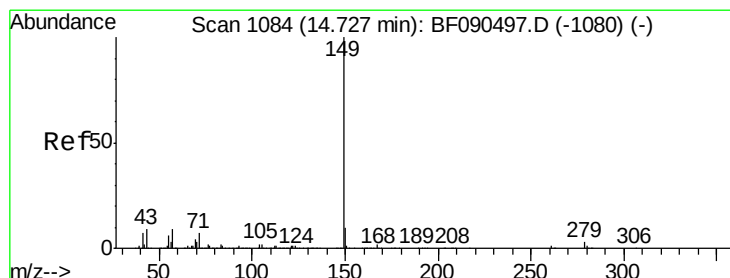
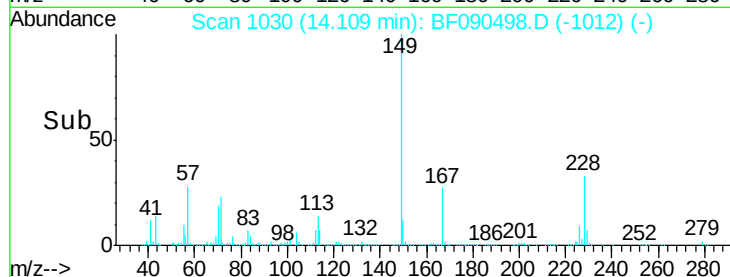
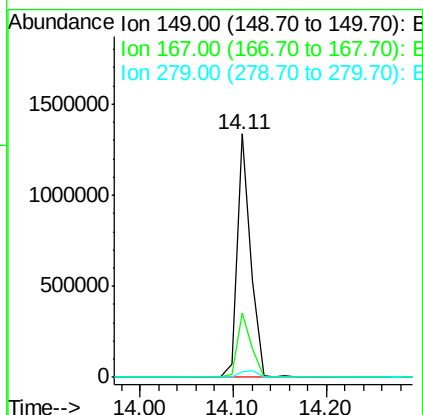
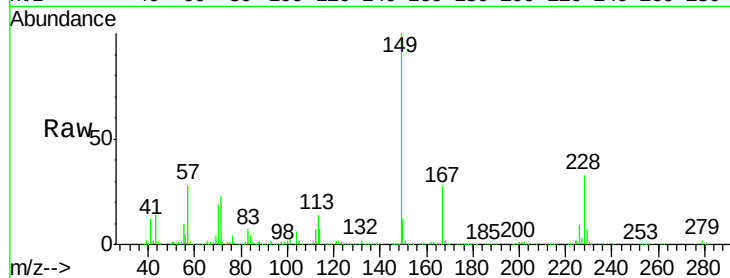




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.30 ng
 RT: 14.11 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

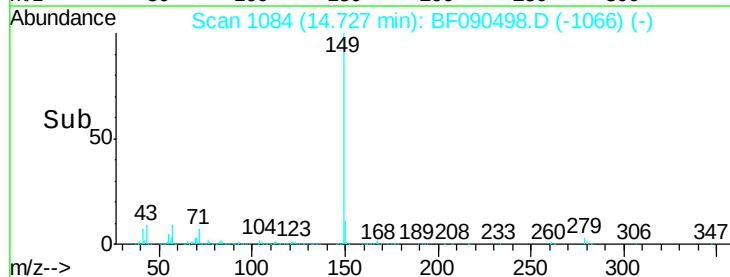
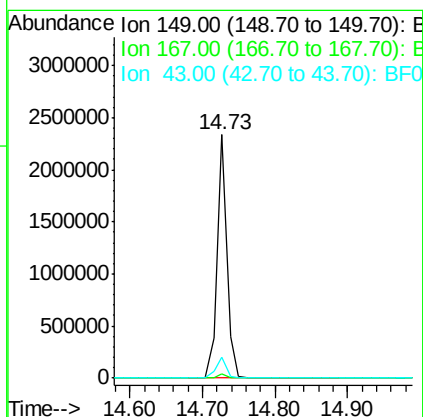
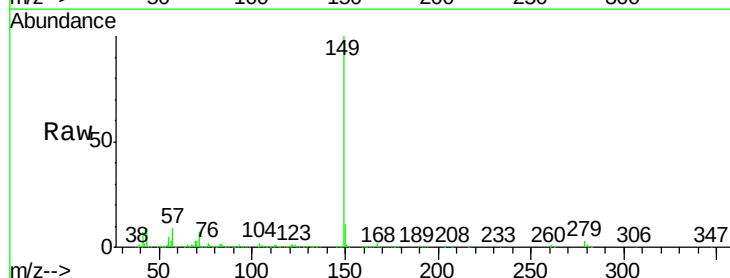
Instrument :
 BNA_F
 ClientSampleId :

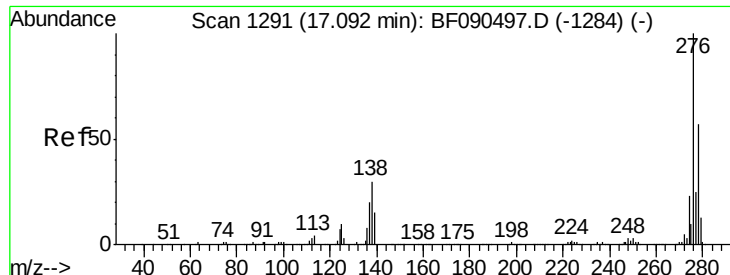
Tot Ion:149 Resp: 1349476
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.5 32.3
 279 2.3 2.6 3.8#



#84
 Di-n-octyl phthalate
 Concen: 44.68 ng
 RT: 14.73 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Tgt Ion:149 Resp: 2164726
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 9.0 11.8 17.8#

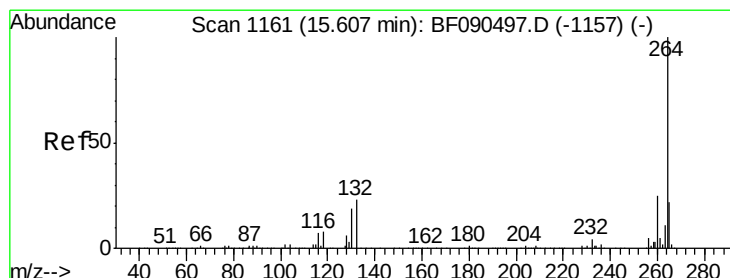
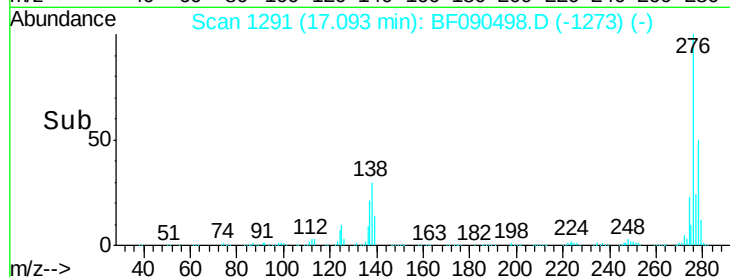
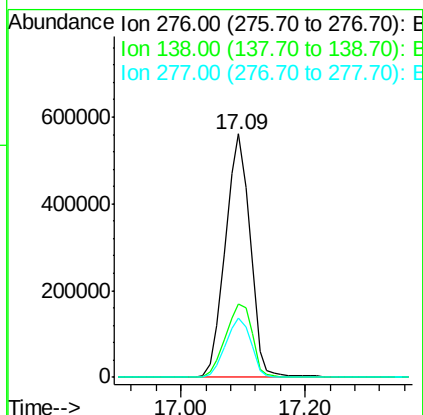
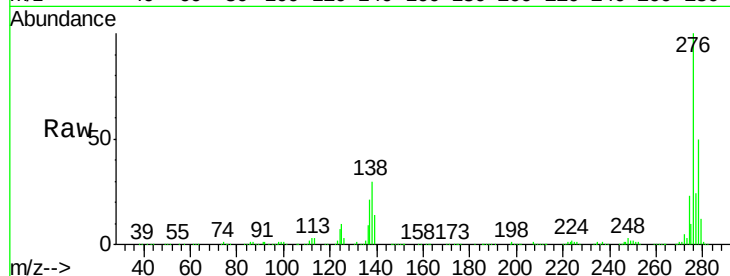




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 63.36 ng
 RT: 17.09 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

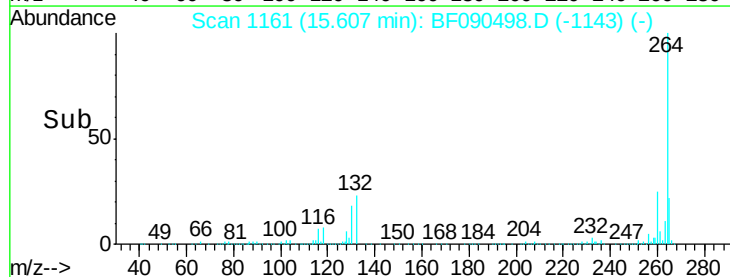
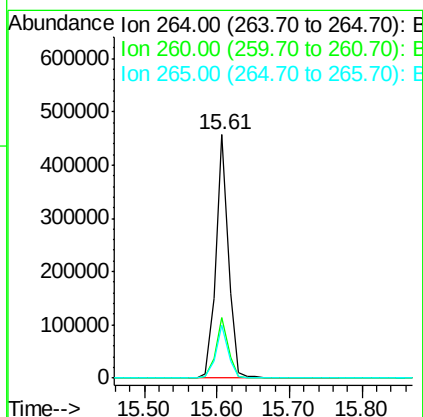
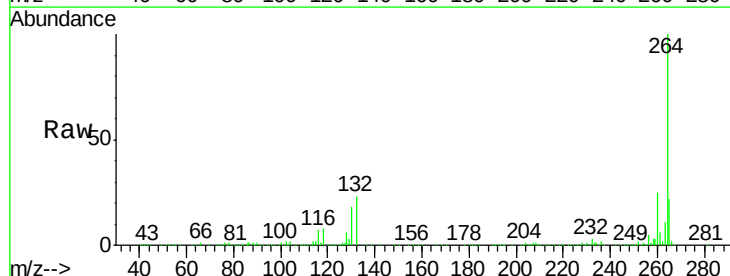
Instrument :
 BNA_F
 ClientSampleId :

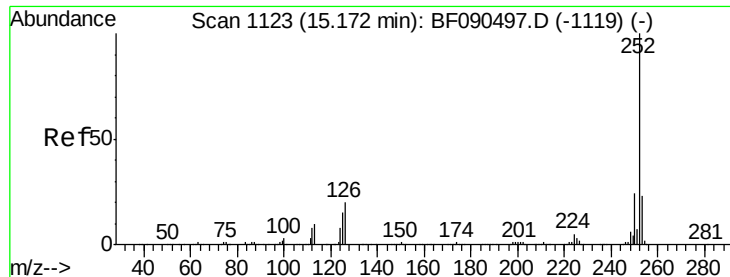
Tot Ion:276 Resp: 1567445
 Ion Ratio Lower Upper
 276 100
 138 32.7 23.8 35.8
 277 25.2 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF090498.D
 Acq: 11 Oct 2016 12:47

Tgt Ion:264 Resp: 548719
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.3 28.9
 265 21.8 17.4 26.0

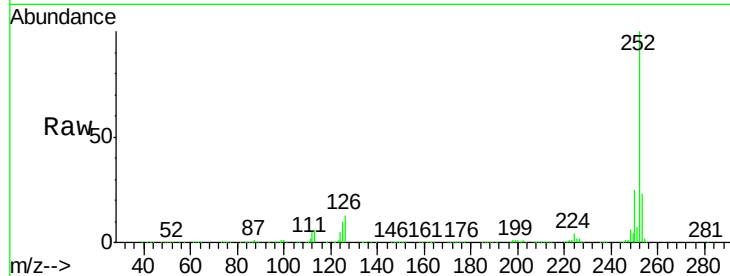




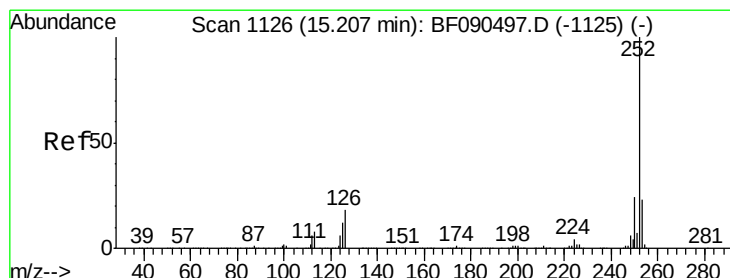
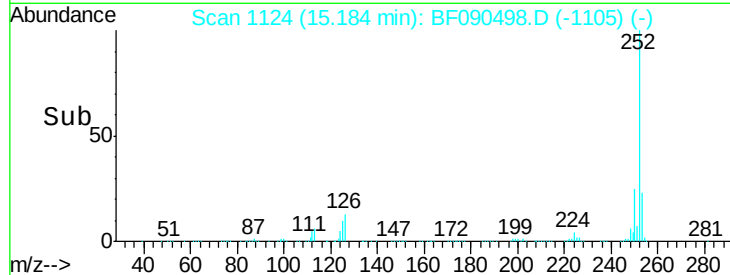
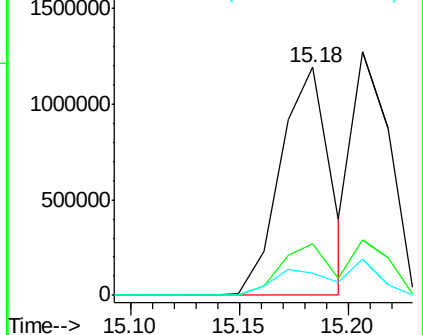
#87
Benzo(b)fluoranthene
Concen: 53.91 ng
RT: 15.18 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1884206
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 9.9 7.0 10.4

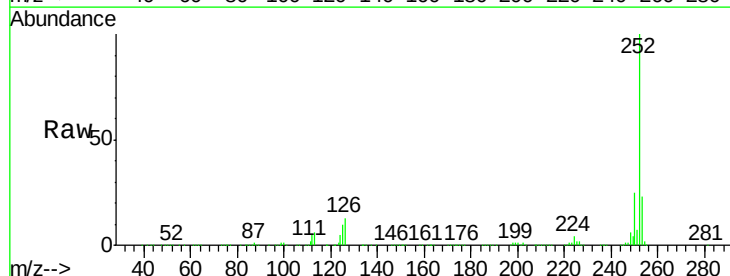


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

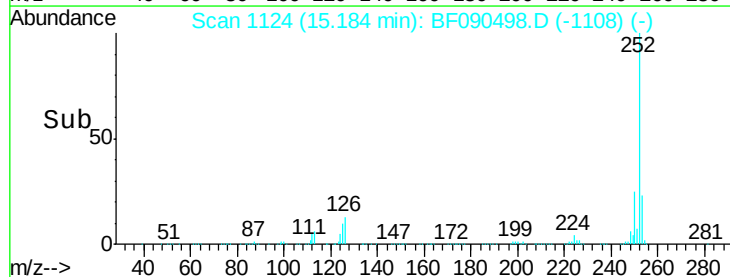
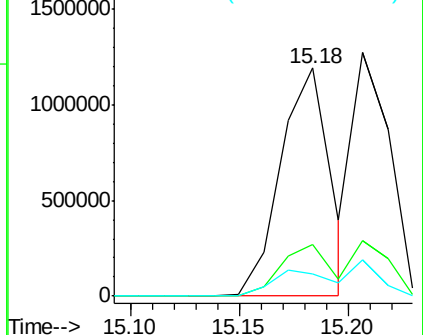


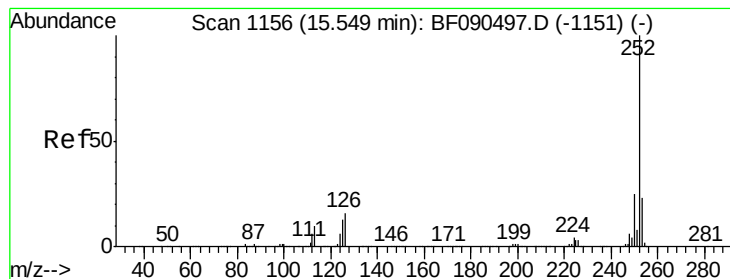
#88
Benzo(k)fluoranthene
Concen: 57.39 ng
RT: 15.18 min Scan# 1124
Delta R.T. -0.02 min
Lab File: BF090498.D
Acq: 11 Oct 2016 12:47

Tgt Ion:252 Resp: 1884206
Ion Ratio Lower Upper
252 100
253 22.8 18.6 27.8
125 9.9 11.7 17.5#



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





#89

Benzo(a)pyrene

Concen: 52.63 ng

RT: 15.55 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA_F

ClientSampleId :

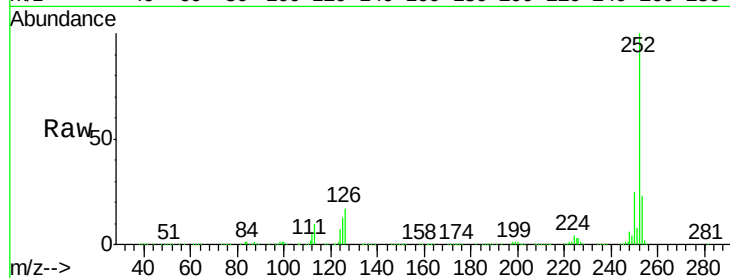
Tot Ion:252 Resp: 1585580

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

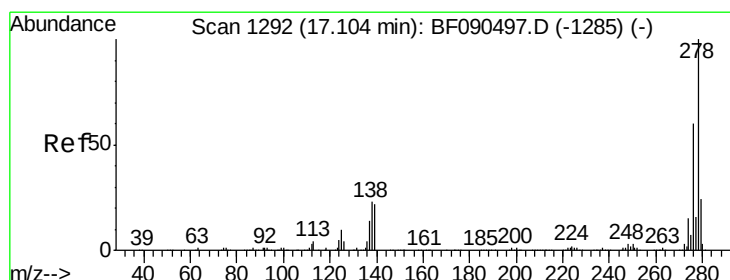
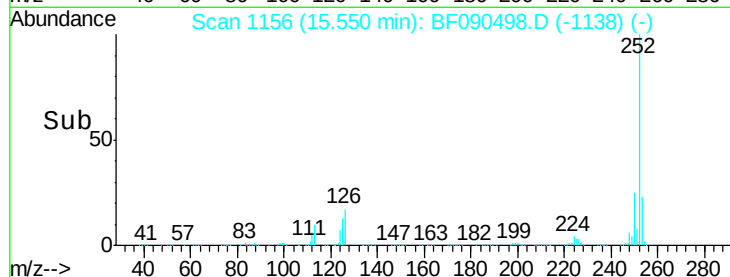
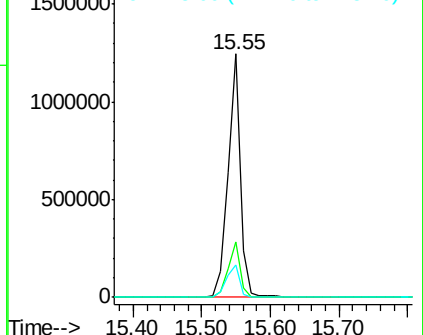
125 13.4 9.8 14.8



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: 53.59 ng

RT: 17.12 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

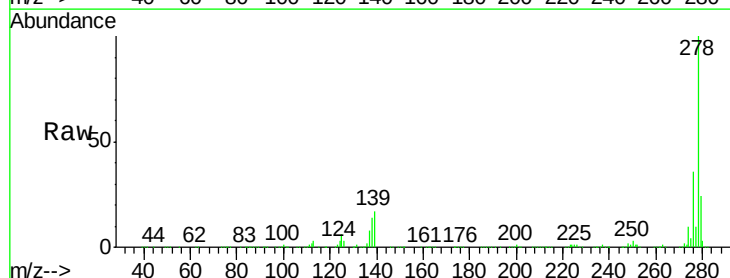
Tgt Ion:278 Resp: 1373545

Ion Ratio Lower Upper

278 100

139 16.7 12.8 19.2

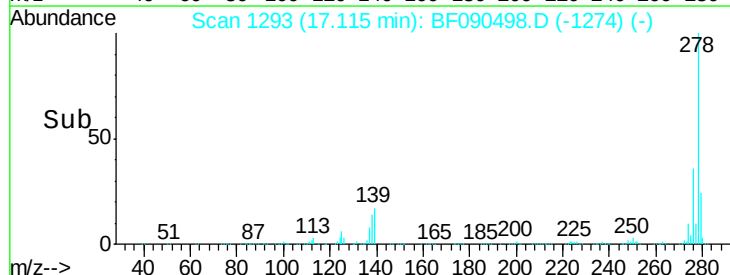
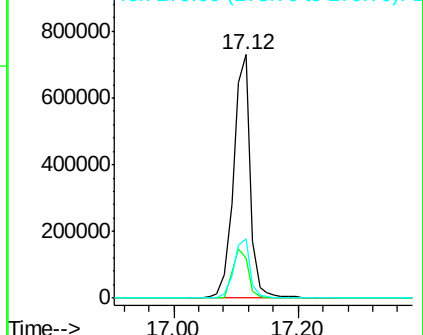
279 24.3 19.6 29.4

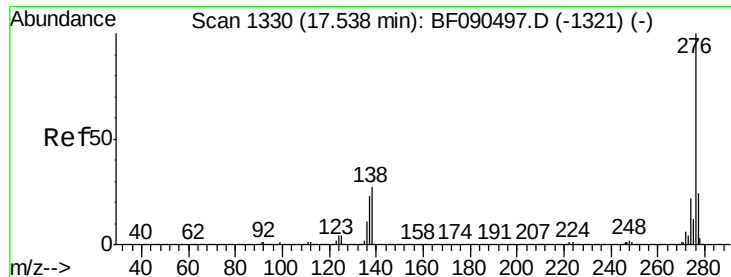


Abundance Ion 278.00 (277.70 to 278.70): E

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: 51.07 ng

RT: 17.54 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF090498.D

Acq: 11 Oct 2016 12:47

Instrument :

BNA_F

ClientSampleId :

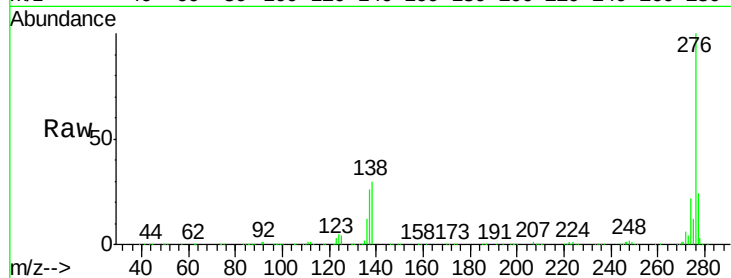
Tot Ion:276 Resp: 1256209

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.0

138 29.7 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

