

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092506.D
 Acq On : 26 Jan 2017 4:49
 Operator : SJ/MA
 Sample : I1346-06MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 10:02:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	154228	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	587968	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	335742	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	575132	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	407418	20.00	ng	-0.01
86) Perylene-d12	15.63	264	344117	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	1299576	131.10	ng	0.02
7) Phenol-d6	6.60	99	1753142	138.84	ng	0.01
23) Nitrobenzene-d5	7.54	82	1085508	100.85	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	312183	136.45	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1421392	78.29	ng	-0.01
78) Terphenyl-d14	13.11	244	1436136	93.86	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	226130	42.89	ng	86
3) Pyridine	3.44	79	613608	40.88	ng	# 84
4) n-Nitrosodimethylamine	3.39	42	325177	44.16	ng	83
6) Aniline	6.62	93	255434	13.56	ng	# 46
8) 2-Chlorophenol	6.75	128	481534	46.25	ng	91
9) Benzaldehyde	6.51	77	334555	37.34	ng	92
10) Phenol	6.61	94	828011	54.33	ng	# 69
11) bis(2-Chloroethyl)ether	6.70	93	509380	44.67	ng	93
12) 1,3-Dichlorobenzene	6.99	146	595857	48.39	ng	96
13) 1,4-Dichlorobenzene	6.99	146	595857	48.08	ng	94
14) 1,2-Dichlorobenzene	7.14	146	509291	43.32	ng	99
15) Benzyl Alcohol	7.12	79	499421	52.48	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.25	45	969942	43.00	ng	93
17) 2-Methylphenol	7.22	107	440808	49.55	ng	97
18) Hexachloroethane	7.48	117	194486	45.55	ng	# 86
19) n-Nitroso-di-n-propylamine	7.39	70	383849	44.64	ng	96
20) 3+4-Methylphenols	7.38	107	525042	48.64	ng	93
22) Acetophenone	7.38	105	706048	50.42	ng	# 87
24) Nitrobenzene	7.56	77	587000	52.06	ng	# 84
25) Isophorone	7.80	82	1079149	50.88	ng	99
26) 2-Nitrophenol	7.87	139	265101	56.11	ng	94
27) 2,4-Dimethylphenol	7.92	122	507428	51.64	ng	94
28) bis(2-Chloroethoxy)methane	8.01	93	612924	44.02	ng	99
29) 2,4-Dichlorophenol	8.12	162	444286	52.15	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	442173	48.02	ng	95
31) Naphthalene	8.28	128	1384171	46.00	ng	99
32) Benzoic acid	8.00	122	111672	18.41	ng	96
33) 4-Chloroaniline	8.33	127	81851	6.43	ng	98
34) Hexachlorobutadiene	8.41	225	244073	48.46	ng	98
35) Caprolactam	8.70	113	108879	38.27	ng	# 1
36) 4-Chloro-3-methylphenol	8.82	107	473436	51.53	ng	97
37) 2-Methylnaphthalene	8.98	142	925599	48.59	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	448247	52.93	ng	99
40) Hexachlorocyclopentadiene	9.14	237	350282	82.59	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

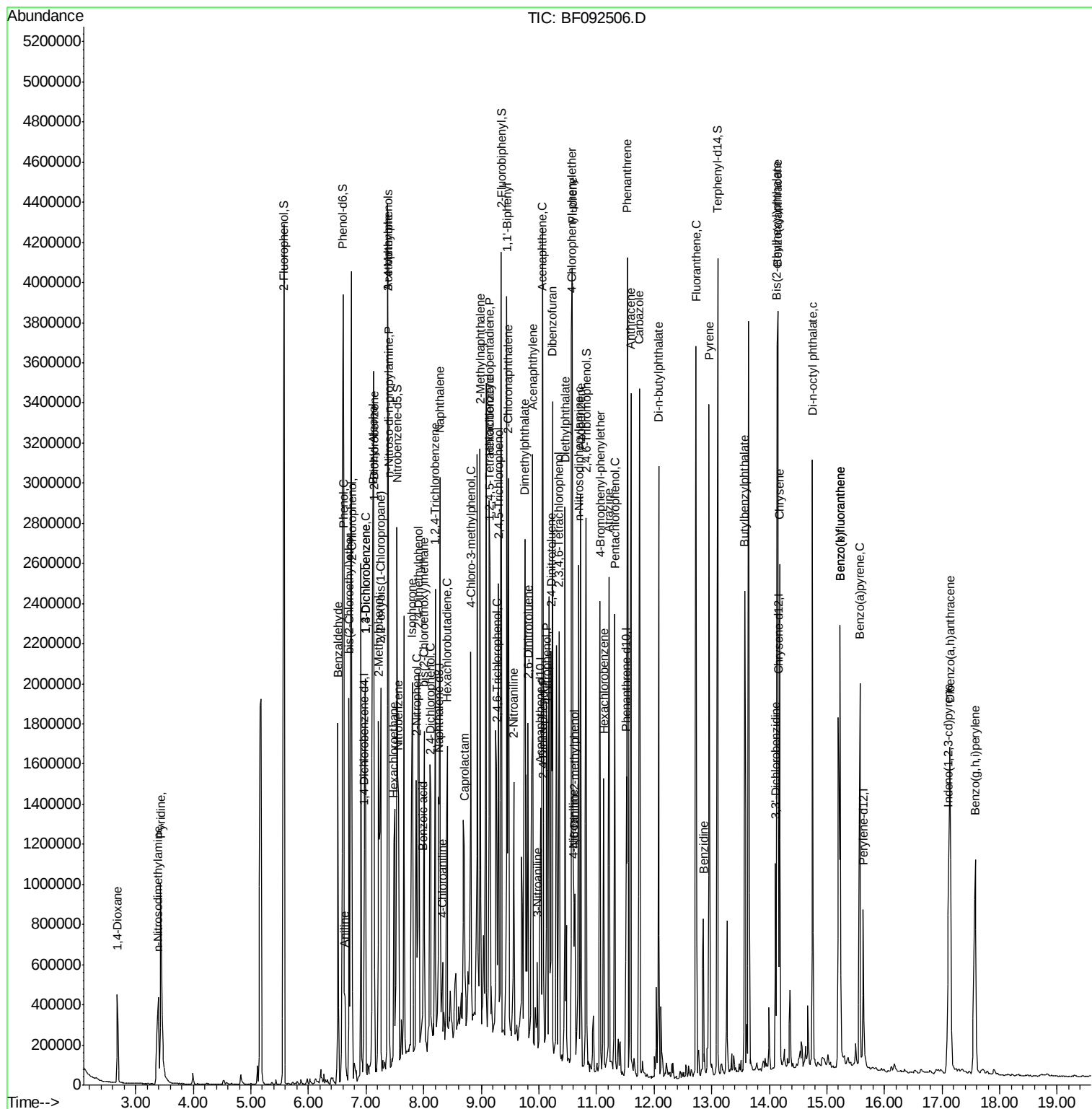
42) 2,4,6-Trichlorophenol	9.26	196	336664	51.88	nq	94
43) 2,4,5-Trichlorophenol	9.30	196	309419	52.12	nq	# 90
45) 1,1'-Biphenyl	9.45	154	1119411	46.12	nq	97
46) 2-Chloronaphthalene	9.47	162	852370	43.00	nq	95
47) 2-Nitroaniline	9.56	65	295733	44.30	nq	94
48) Acenaphthylene	9.89	152	1541015	53.00	nq	98
49) Dimethylphthalate	9.76	163	1258895	58.96	nq	100
50) 2,6-Dinitrotoluene	9.81	165	264339	60.57	nq	96
51) Acenaphthene	10.06	154	1068445	59.14	nq	97
52) 3-Nitroaniline	9.97	138	64867	11.87	nq	94
53) 2,4-Dinitrophenol	10.08	184	156917	62.78	nq	# 44
54) Dibenzofuran	10.24	168	1441950	58.78	nq	95
55) 4-Nitrophenol	10.14	139	479517	110.48	nq	# 75
56) 2,4-Dinitrotoluene	10.21	165	316126	54.57	nq	99
57) Fluorene	10.58	166	1052021	57.84	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.35	232	265486	59.68	nq	# 99
59) Diethylphthalate	10.45	149	1024562	50.05	nq	98
60) 4-Chlorophenyl-phenylether	10.57	204	409318	46.40	nq	90
61) 4-Nitroaniline	10.60	138	258793	47.34	nq	81
62) Azobenzene	10.73	77	1143808	49.10	nq	94
64) 4,6-Dinitro-2-methylphenol	10.62	198	153930	49.50	nq	96
65) n-Nitrosodiphenylamine	10.69	169	917819	51.10	nq	100
66) 4-Bromophenyl-phenylether	11.06	248	259899	44.76	nq	96
67) Hexachlorobenzene	11.13	284	282282	48.09	nq	# 93
68) Atrazine	11.22	200	279512	45.47	nq	97
69) Pentachlorophenol	11.32	266	353281	94.14	nq	99
70) Phenanthrene	11.54	178	1737976	54.87	nq	100
71) Anthracene	11.60	178	1703950	55.05	nq	98
72) Carbazole	11.74	167	1396171	47.24	nq	99
73) Di-n-butylphthalate	12.08	149	1564058	46.28	nq	98
74) Fluoranthene	12.73	202	1548839	49.99	nq	99
76) Benzidine	12.85	184	386418	25.55	nq	97
77) Pyrene	12.96	202	1616575	54.76	nq	100
79) Butylbenzylphthalate	13.57	149	691002	57.78	nq	99
80) Benzo(a)anthracene	14.15	228	1125161	51.39	nq	100
81) 3,3'-Dichlorobenzidine	14.11	252	251447	30.25	nq	# 96
82) Chrysene	14.18	228	967670	41.38	nq	99
83) Bis(2-ethylhexyl)phthalate	14.13	149	835961	55.50	nq	99
84) Di-n-octyl phthalate	14.75	149	1475278	53.96	nq	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	1142231	66.02	nq	95
87) Benzo(b)fluoranthene	15.23	252	2037895	92.25	nq	99
88) Benzo(k)fluoranthene	15.23	252	2037895	110.94	nq	97
89) Benzo(a)pyrene	15.57	252	994387	53.21	nq	99
90) Dibenzo(a,h)anthracene	17.14	278	931319	61.63	nq	96
91) Benzo(g,h,i)perylene	17.57	276	988514	64.68	nq	# 91

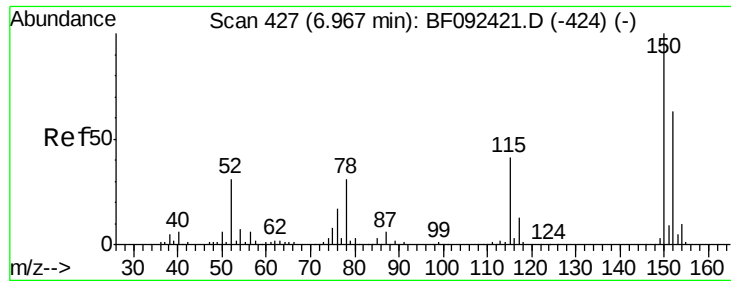
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

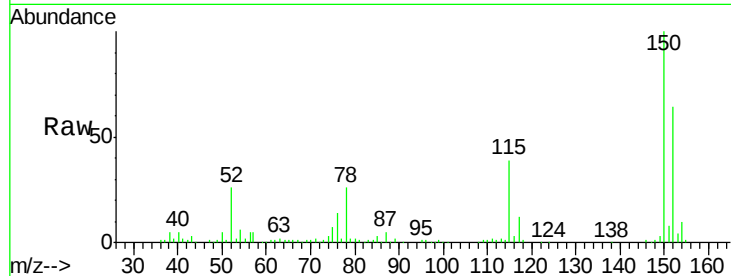
Tot Ion:152 Resp: 154228

Ion Ratio Lower Upper

152 100

150 155.4 124.9 187.3

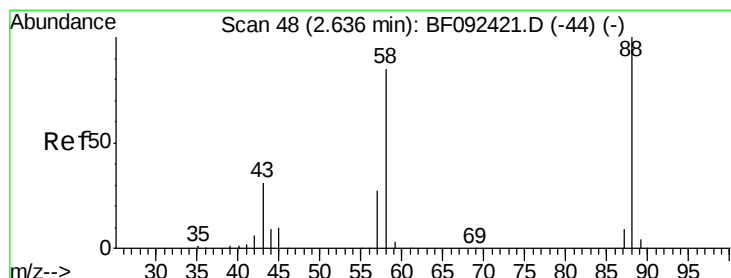
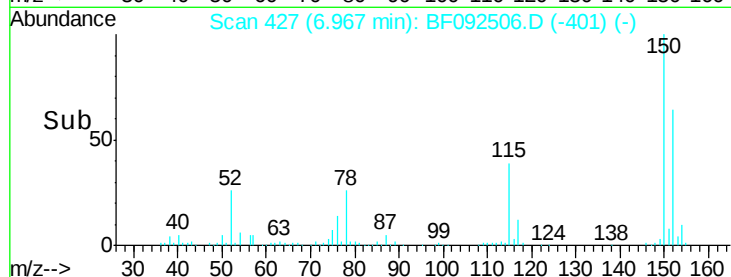
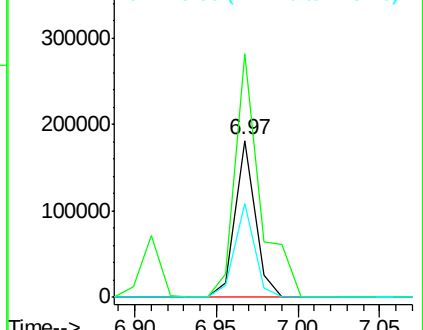
115 60.1 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.89 ng

RT: 2.68 min Scan# 52

Delta R.T. 0.05 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

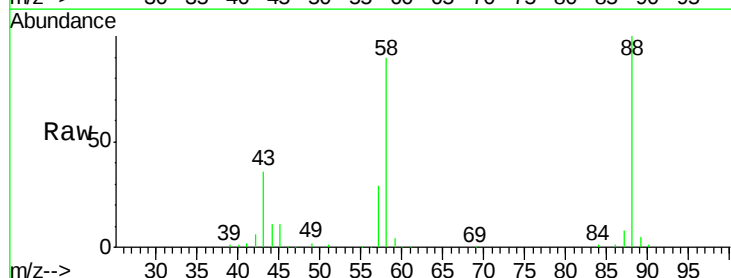
Tgt Ion: 88 Resp: 226130

Ion Ratio Lower Upper

88 100

58 85.8 57.8 86.8

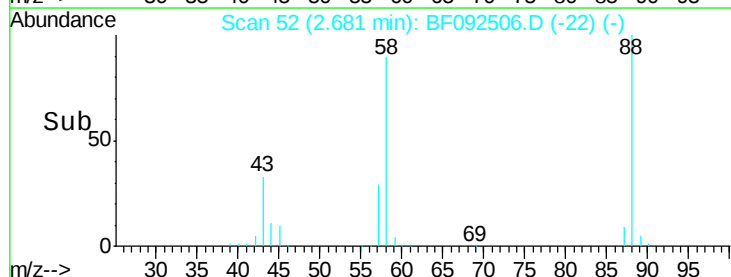
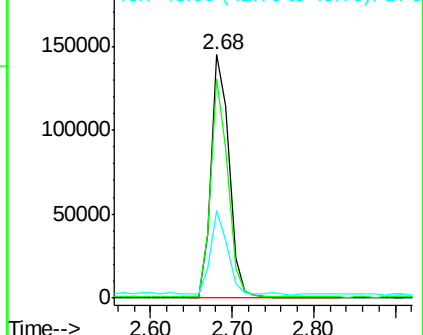
43 33.1 22.3 33.5

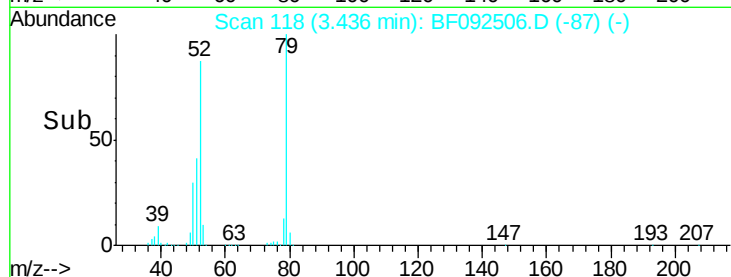
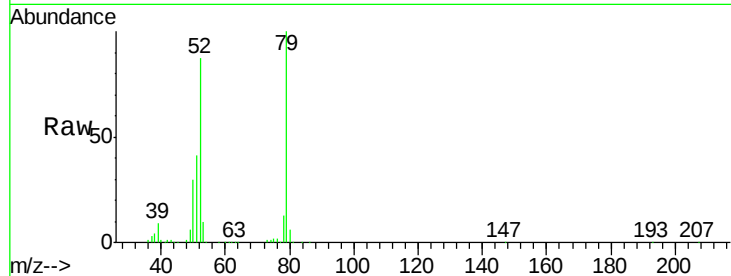
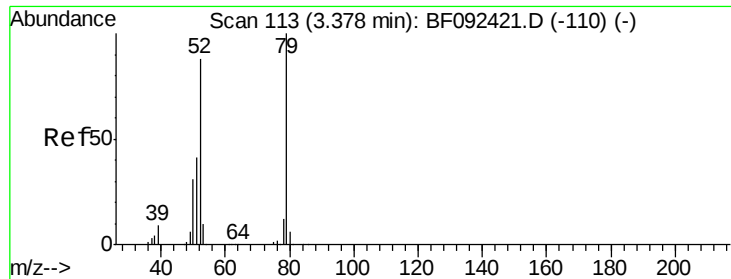


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 40.88 ng

RT: 3.44 min Scan# 118

Delta R.T. 0.06 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

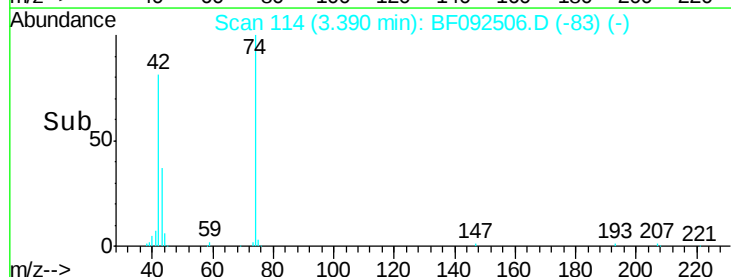
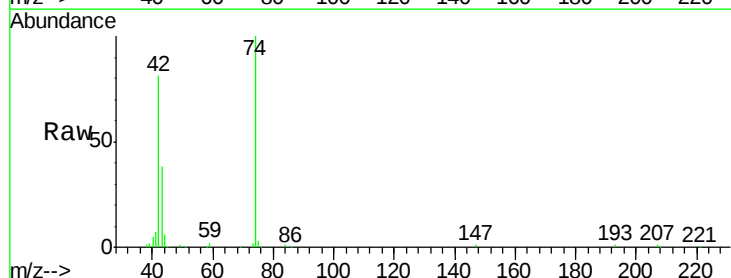
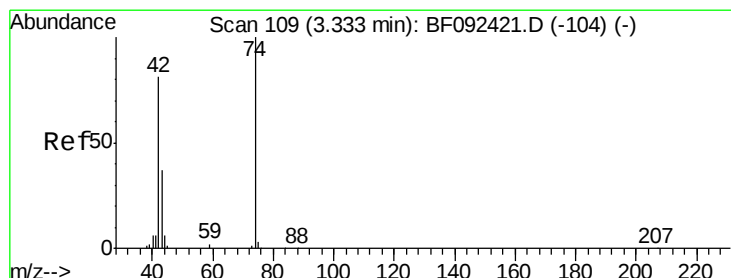
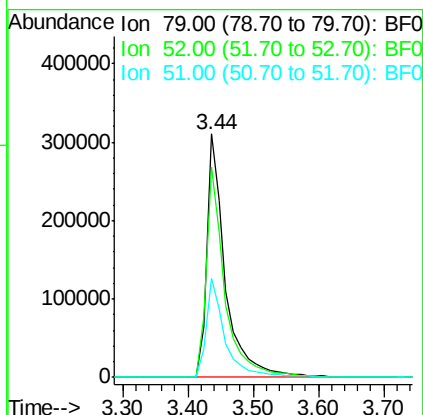
Tot Ion: 79 Resp: 613608

Ion Ratio Lower Upper

79 100

52 86.7 57.1 85.7#

51 40.7 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 44.16 ng

RT: 3.39 min Scan# 114

Delta R.T. 0.06 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

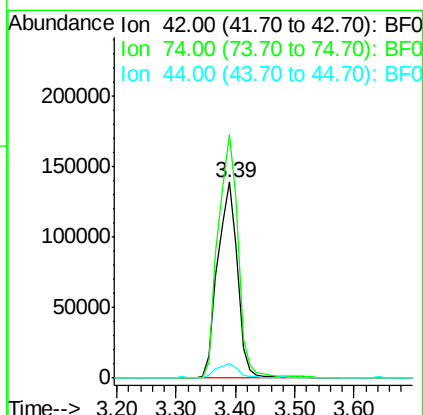
Tgt Ion: 42 Resp: 325177

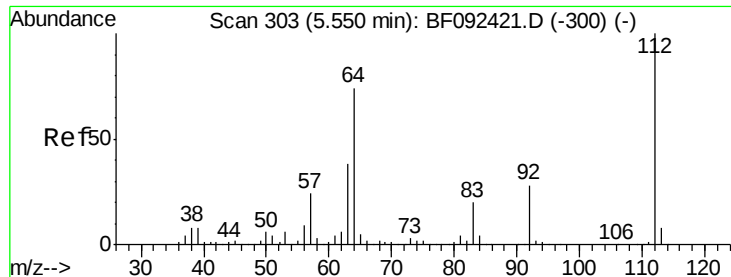
Ion Ratio Lower Upper

42 100

74 124.1 117.0 175.4

44 7.6 5.5 8.3





#5

2-Fluorophenol

Concen: 131.10 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampled :

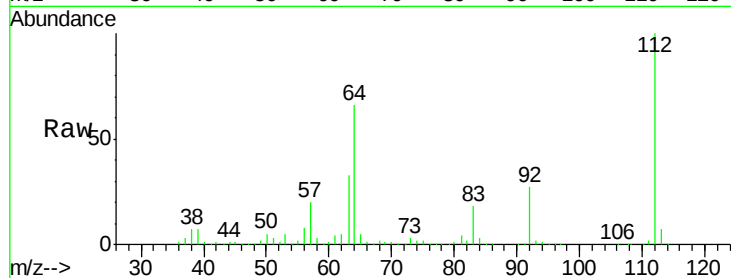
Tot Ion:112 Resp: 1299576

Ion Ratio Lower Upper

112 100

64 65.5 46.1 69.1

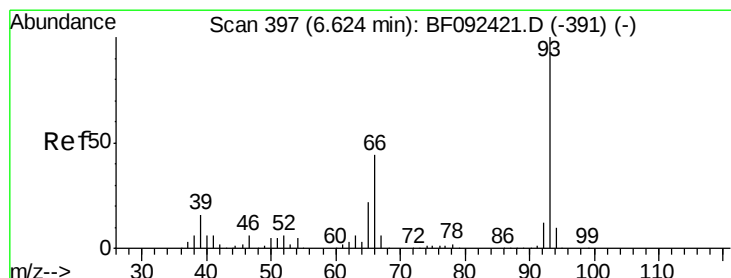
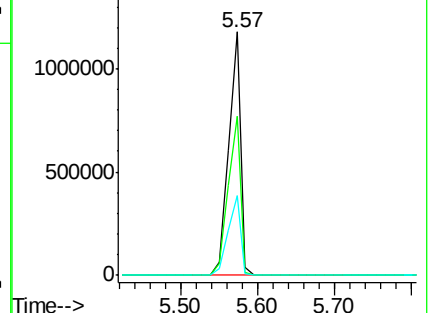
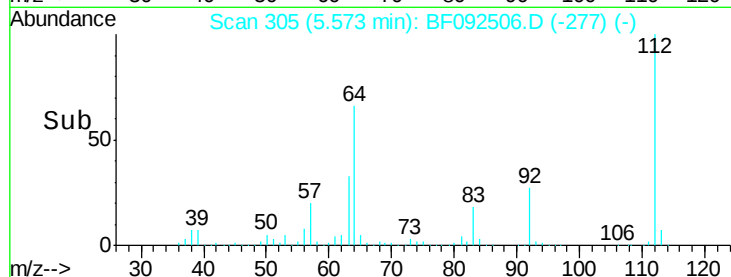
63 32.9 23.8 35.6



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: 13.56 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

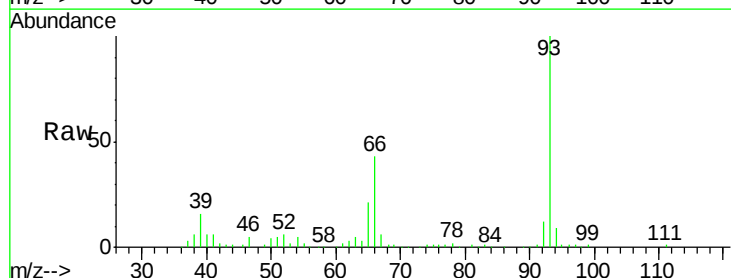
Tgt Ion: 93 Resp: 255434

Ion Ratio Lower Upper

93 100

66 42.6 76.2 114.2#

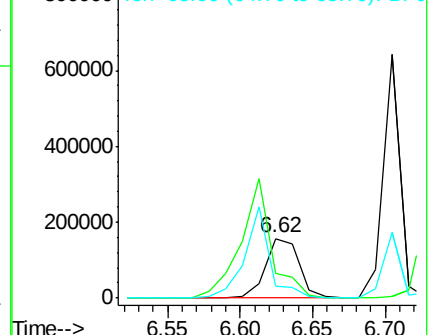
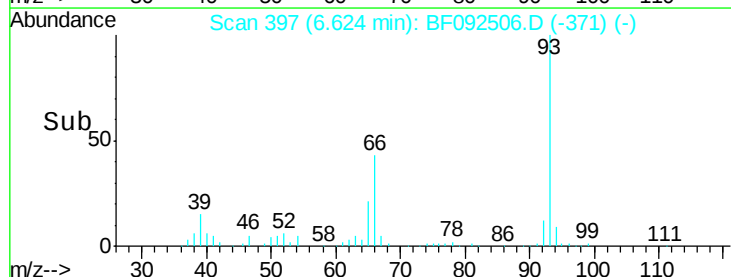
65 21.0 49.3 73.9#

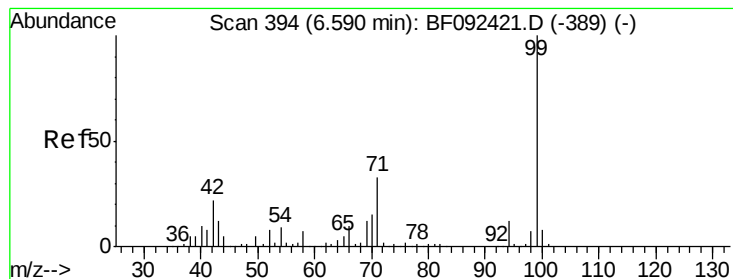


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 138.84 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

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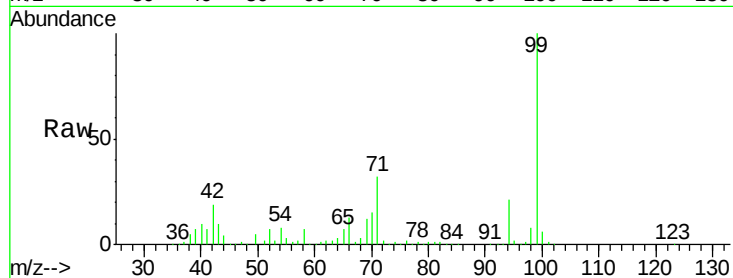
Tot Ion: 99 Resp: 1753142

Ion Ratio Lower Upper

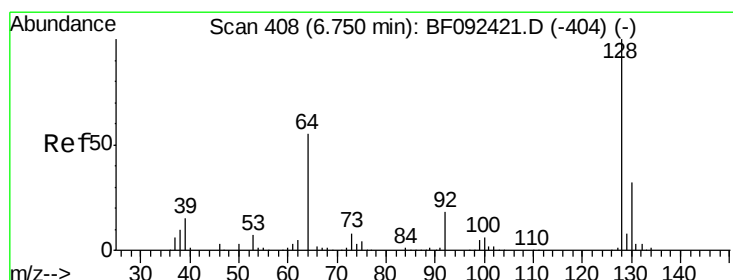
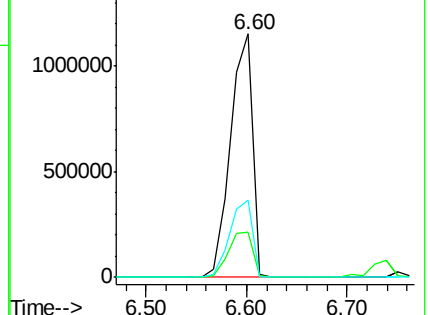
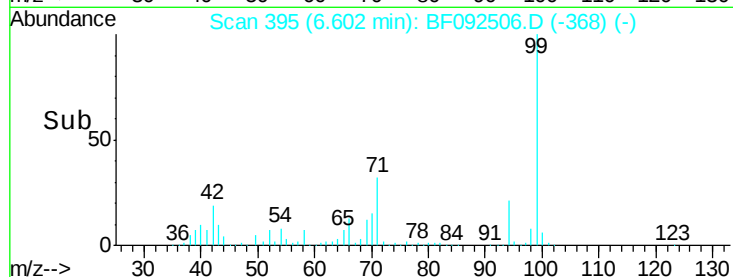
99 100

42 18.7 15.6 23.4

71 31.6 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.25 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

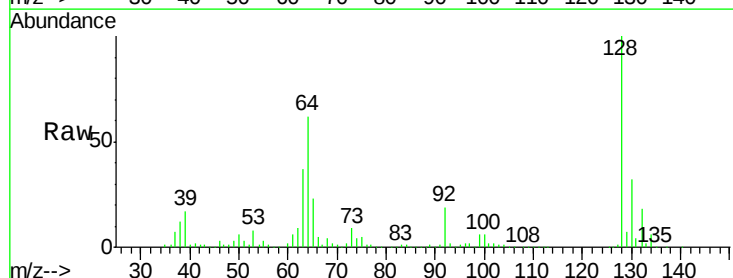
Tgt Ion:128 Resp: 481534

Ion Ratio Lower Upper

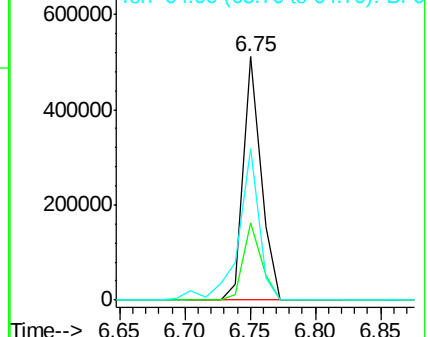
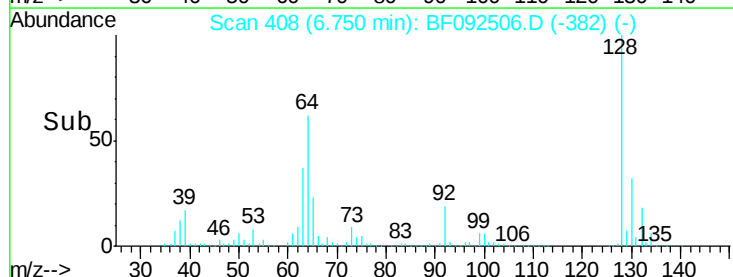
128 100

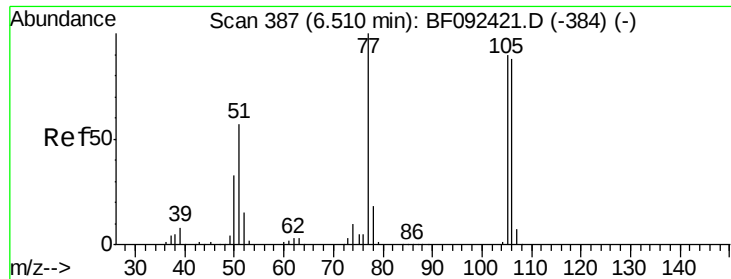
130 31.9 12.3 52.3

64 62.1 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.34 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampled :

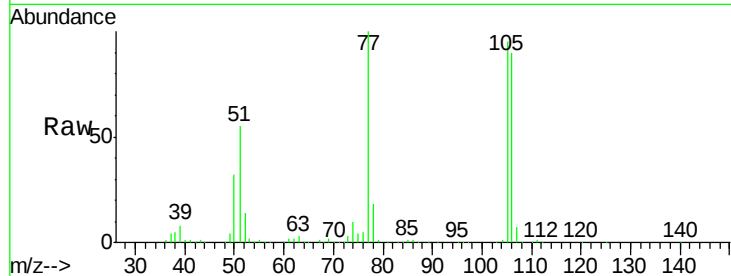
Tot Ion: 77 Resp: 334555

Ion Ratio Lower Upper

77 100

105 94.6 83.9 123.9

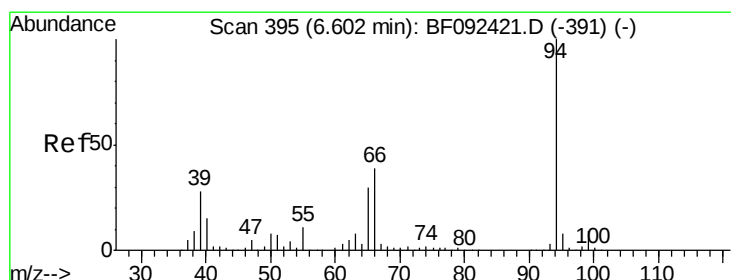
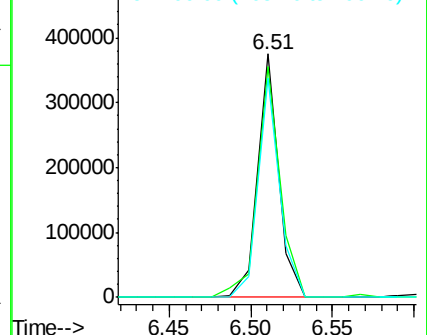
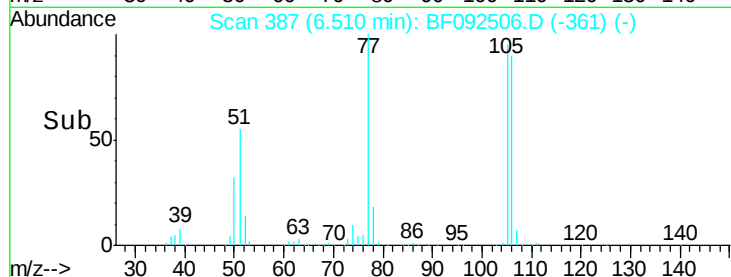
106 90.1 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 54.33 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

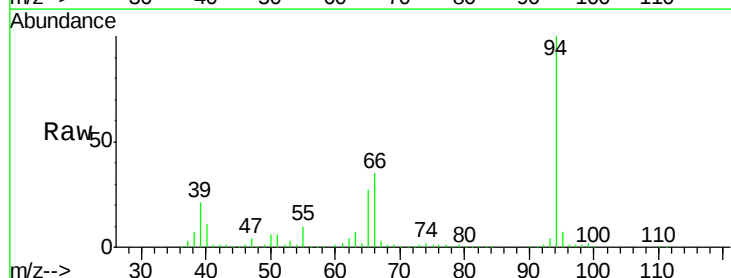
Tgt Ion: 94 Resp: 828011

Ion Ratio Lower Upper

94 100

65 27.1 21.4 61.4

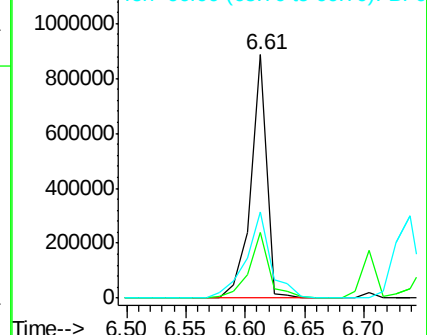
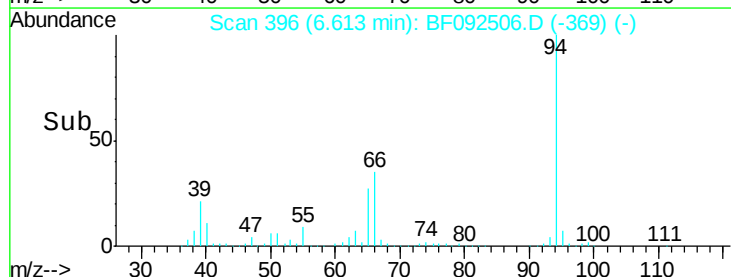
66 35.3 44.0 84.0#

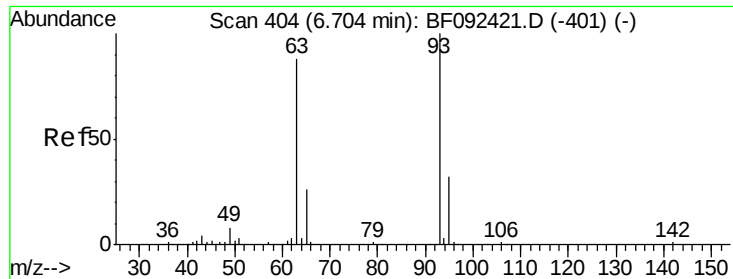


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

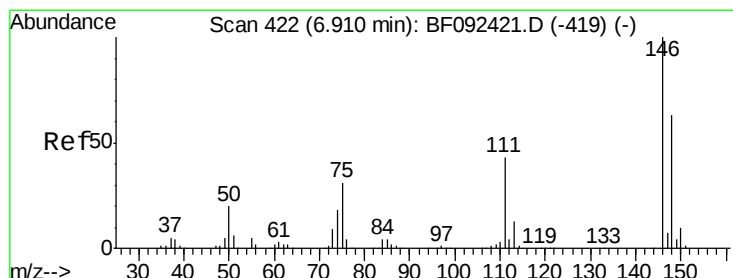
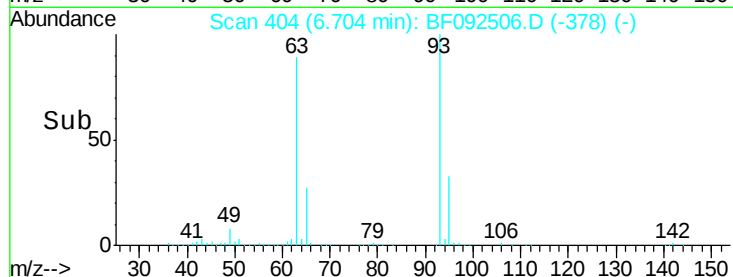
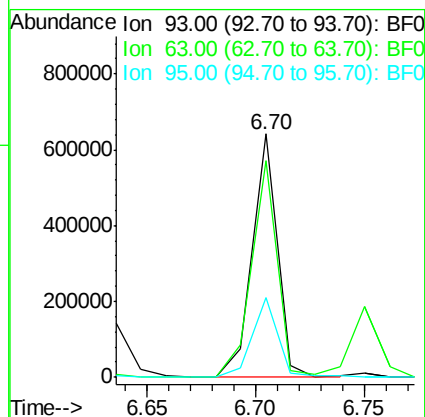
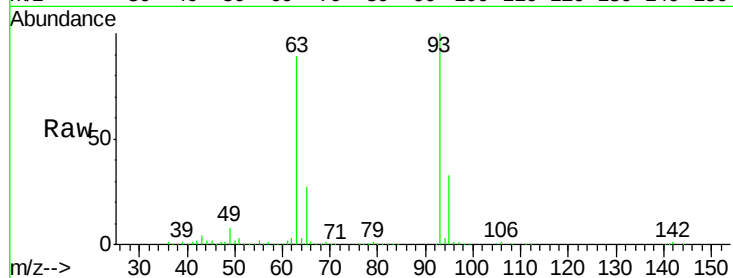




#11
bis(2-Chloroethyl)ether
Concen: 44.67 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

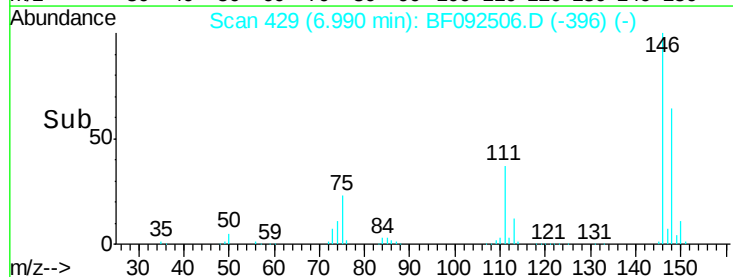
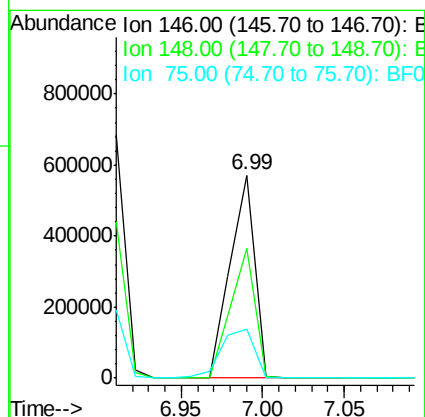
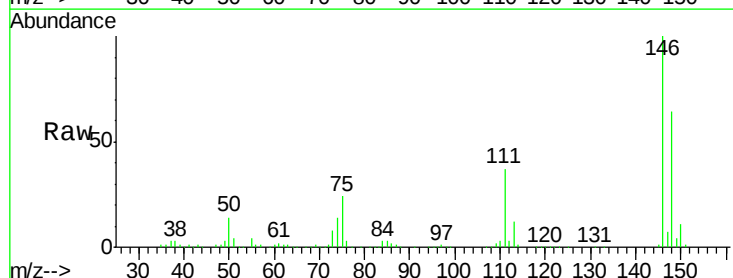
Instrument :
BNA_F
ClientSampleId :

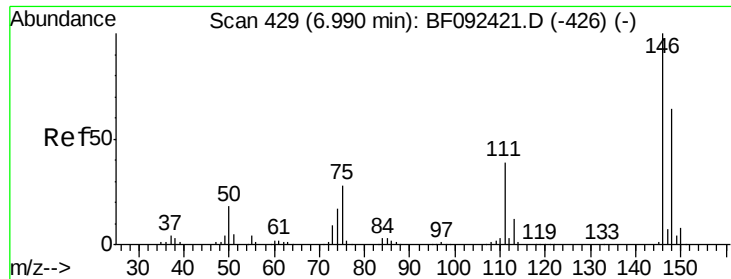
Tot Ion: 93 Resp: 509380
Ion Ratio Lower Upper
93 100
63 88.8 60.4 100.4
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 48.39 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.08 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Tgt Ion: 146 Resp: 595857
Ion Ratio Lower Upper
146 100
148 63.6 53.4 80.0
75 24.3 18.5 27.7

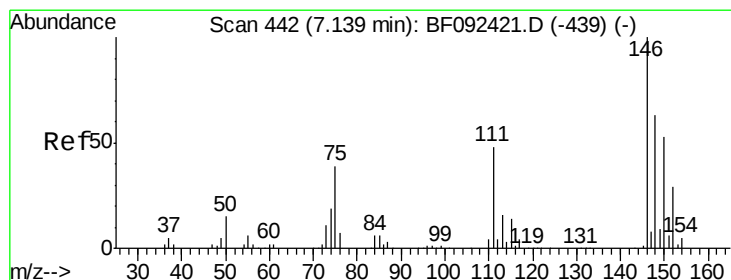
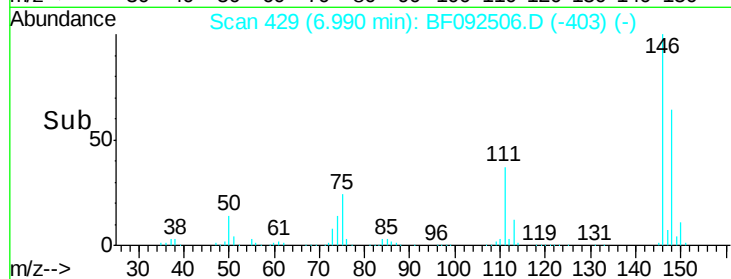
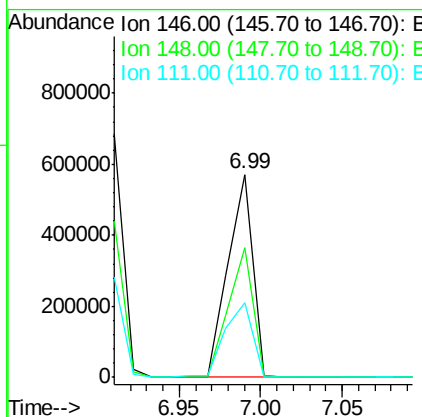
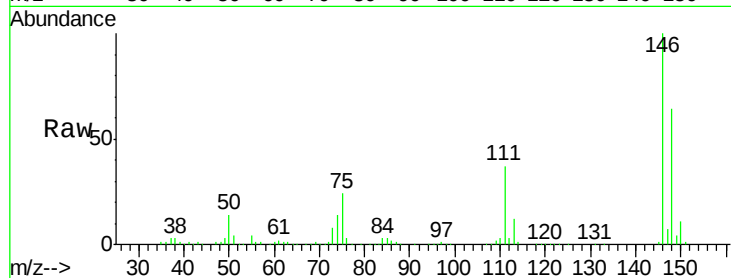




#13
 1,4-Dichlorobenzene
 Concen: 48.08 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

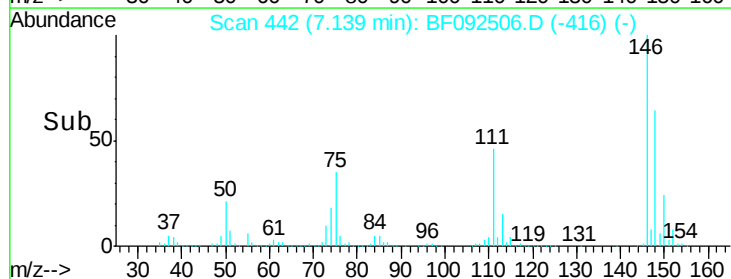
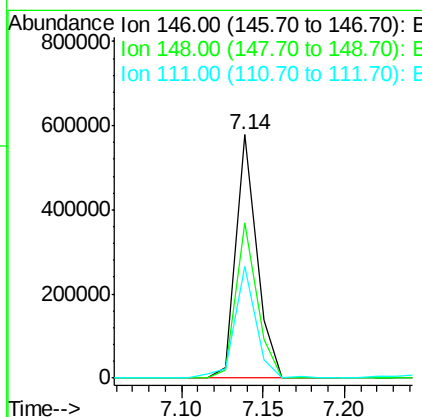
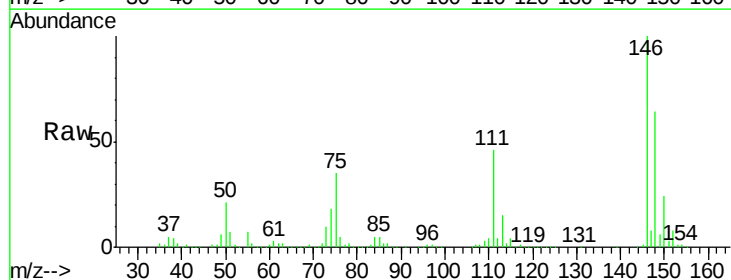
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	76.0
111	36.9	36.2	54.4



#14
 1,2-Dichlorobenzene
 Concen: 43.32 ng
 RT: 7.14 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.2
111	45.8	36.2	54.2





#15

Benzyl Alcohol

Concen: 52.48 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampled :

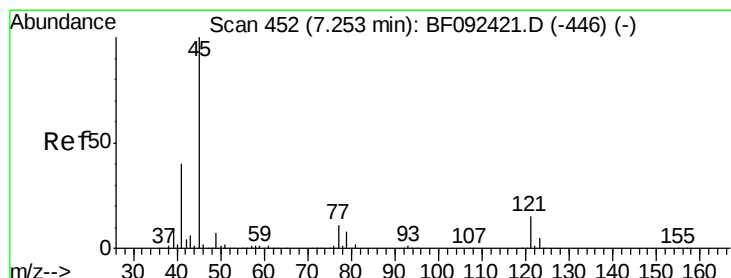
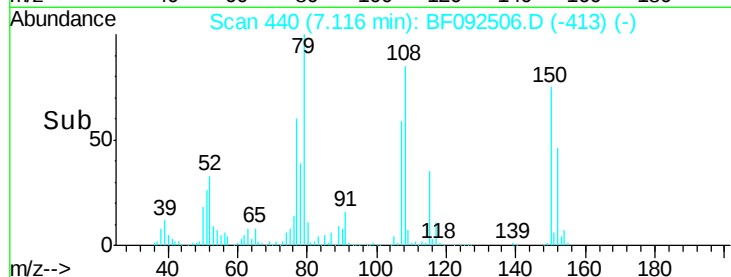
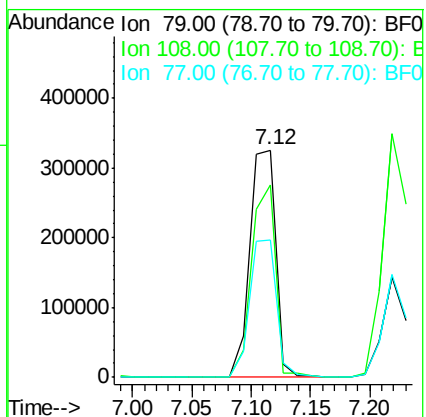
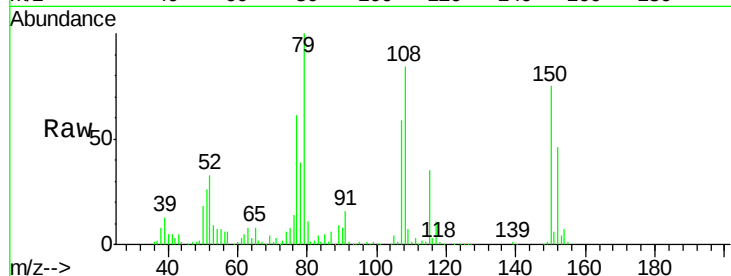
Tot Ion: 79 Resp: 499421

Ion Ratio Lower Upper

79 100

108 84.4 61.4 92.0

77 60.5 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.00 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

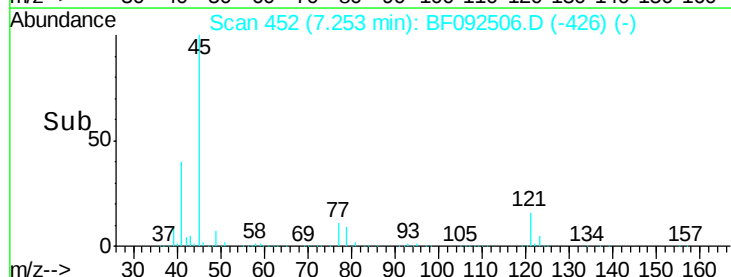
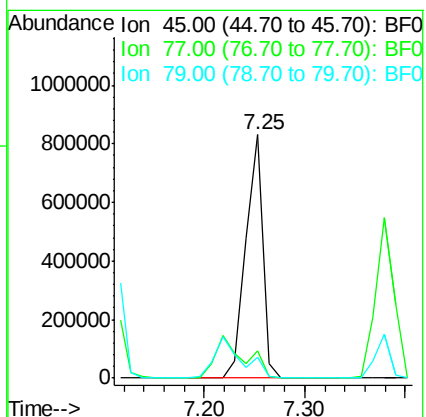
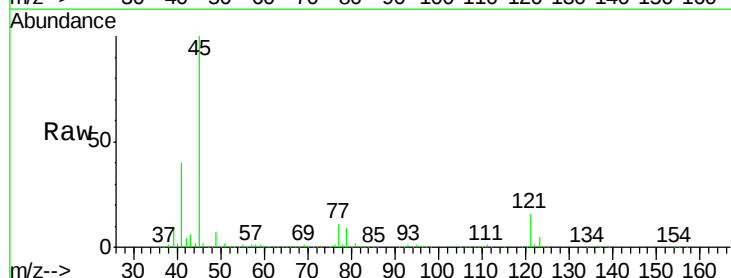
Tgt Ion: 45 Resp: 969942

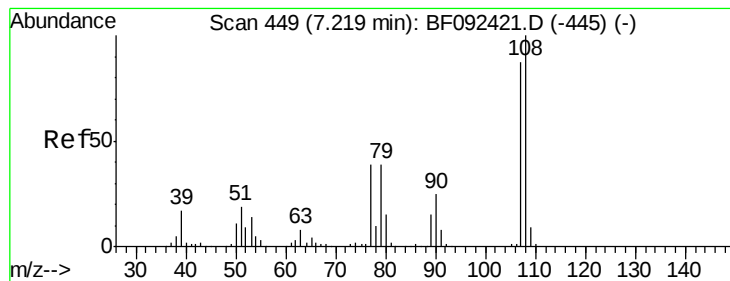
Ion Ratio Lower Upper

45 100

77 11.3 0.0 34.6

79 8.8 0.0 31.2

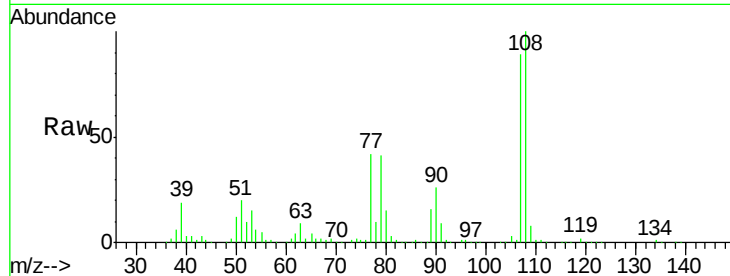




#17
2-Methylphenol
Concen: 49.55 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	93.0	139.6
77	47.4	39.8	59.8
79	46.2	38.0	57.0



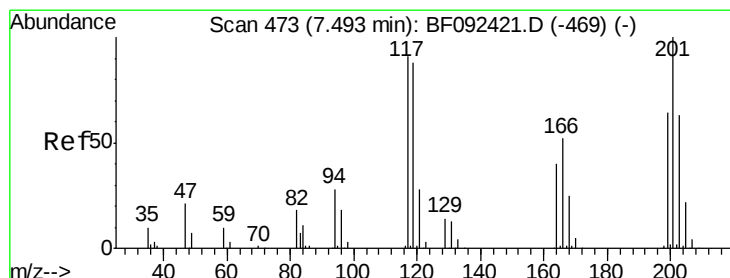
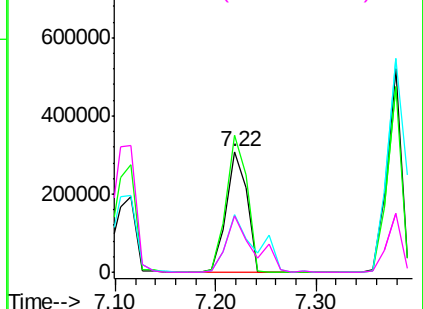
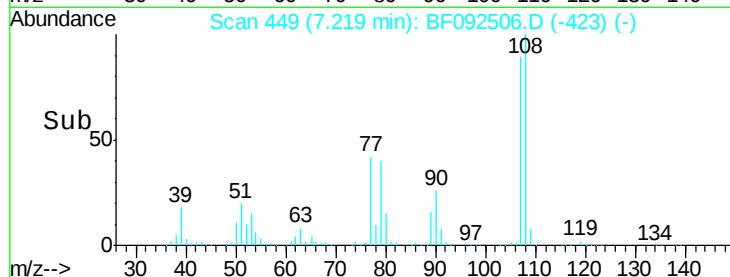
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

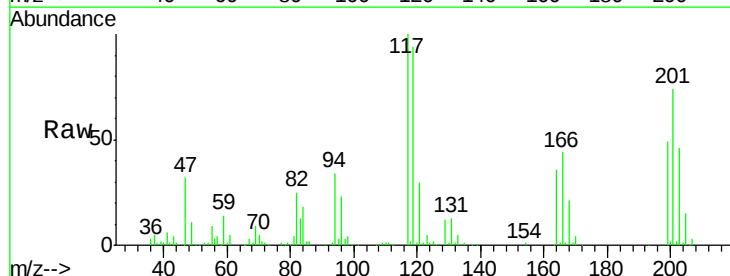
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 45.55 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	78.1	117.1
201	73.5	78.6	117.8#

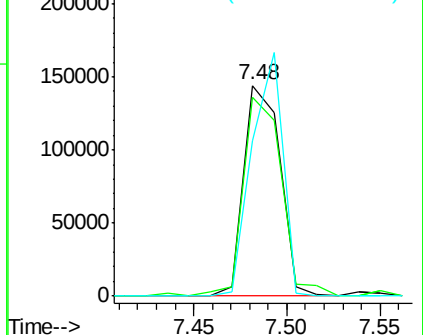
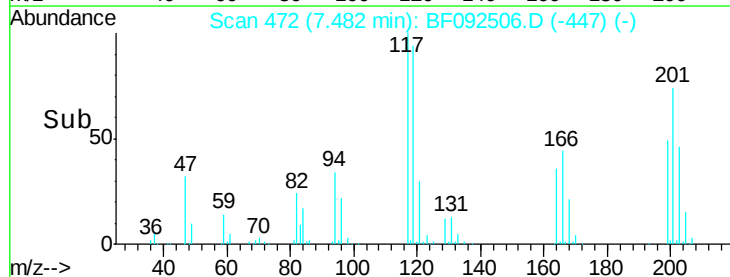


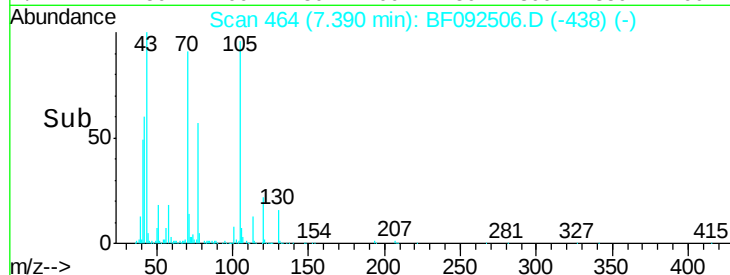
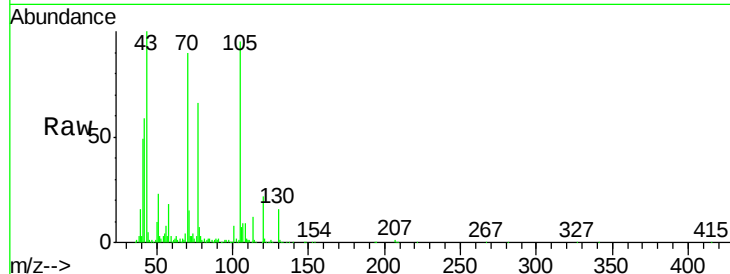
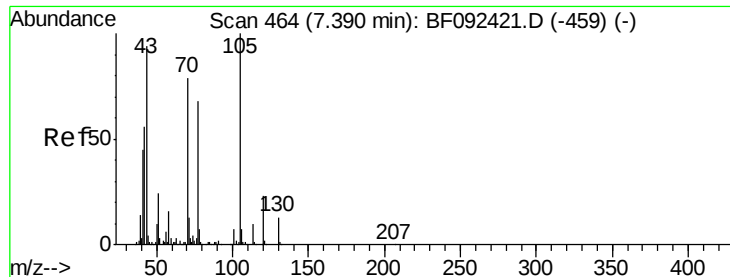
Abundance

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

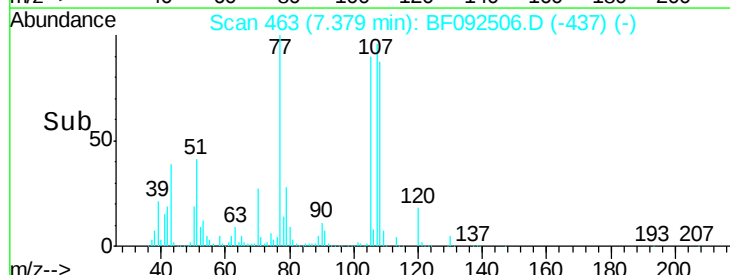
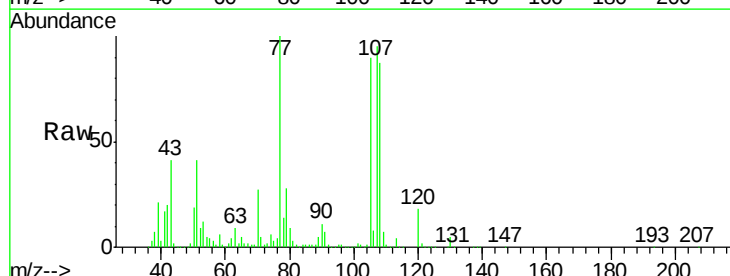
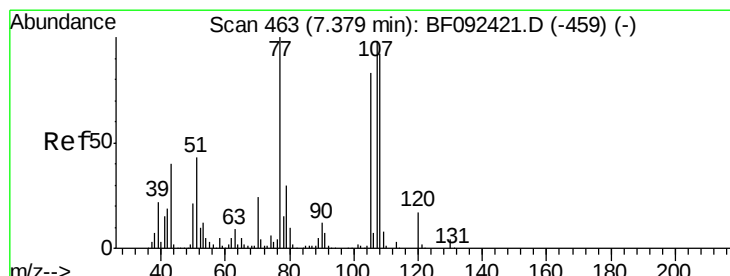
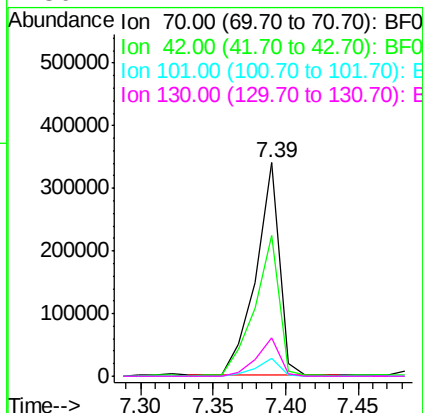




#19
n-Nitroso-di-n-propylamine
Concen: 44.64 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

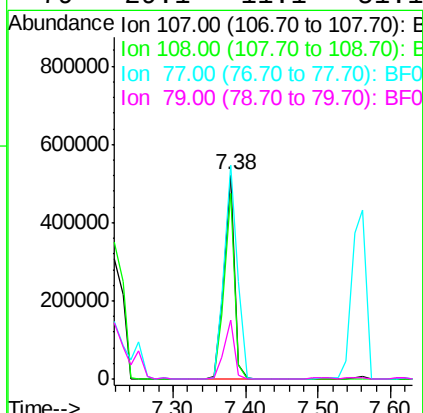
Instrument :
BNA_F
ClientSampleId :

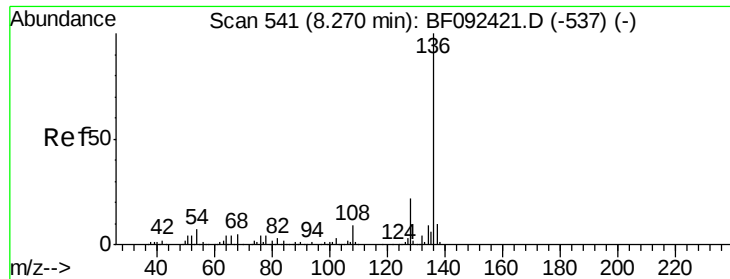
Tot Ion:	70	Resp:	383849
Ion	Ratio	Lower	Upper
70	100		
42	66.0	49.4	74.0
101	8.6	7.4	11.2
130	17.7	14.2	21.4



#20
3+4-Methylphenols
Concen: 48.64 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Tgt Ion:	107	Resp:	525042
Ion	Ratio	Lower	Upper
107	100		
108	90.9	73.0	113.0
77	104.7	71.3	111.3
79	29.1	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 587968

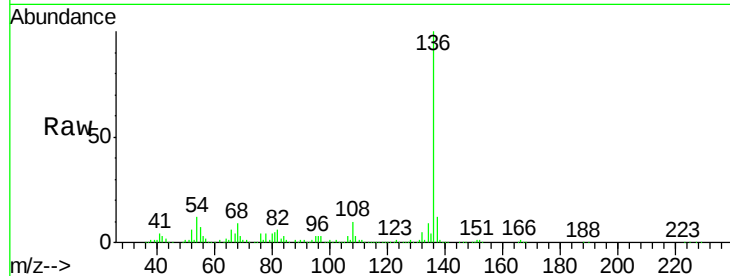
Ion Ratio Lower Upper

136 100

137 11.6 8.4 12.6

54 12.4 4.5 6.7#

68 8.7 3.6 5.4#

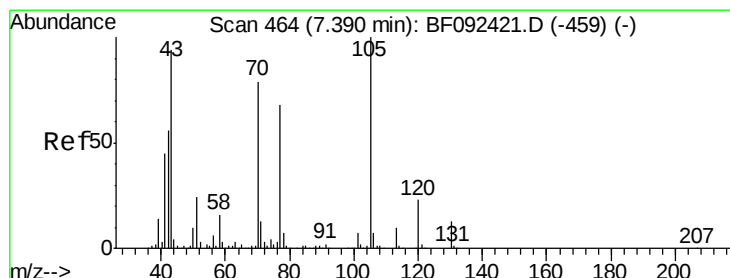
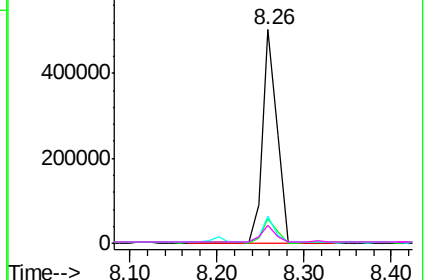
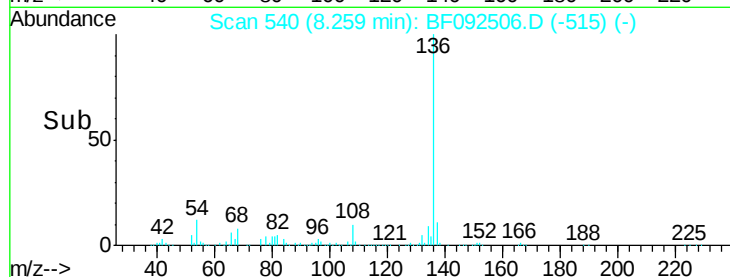


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.42 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Tgt Ion:105 Resp: 706048

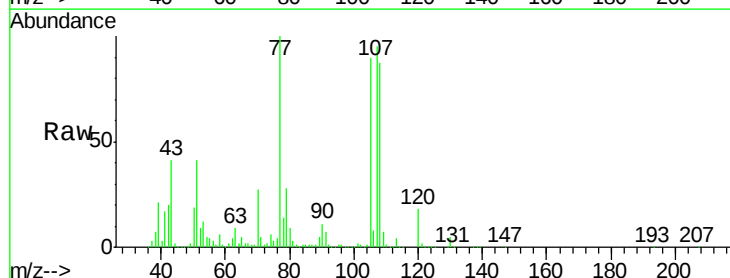
Ion Ratio Lower Upper

105 100

71 5.8 3.2 4.8#

51 45.4 26.2 39.4#

120 20.5 16.6 24.8

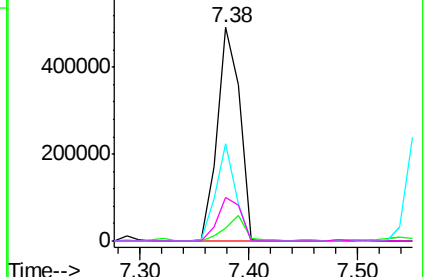
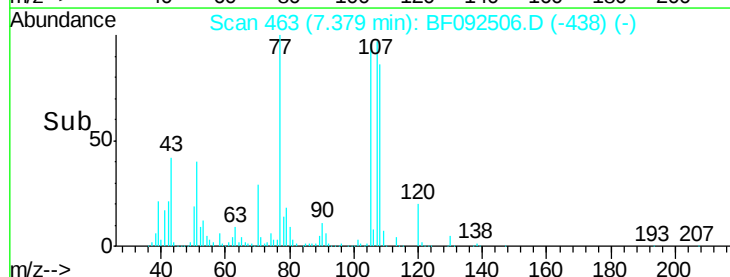


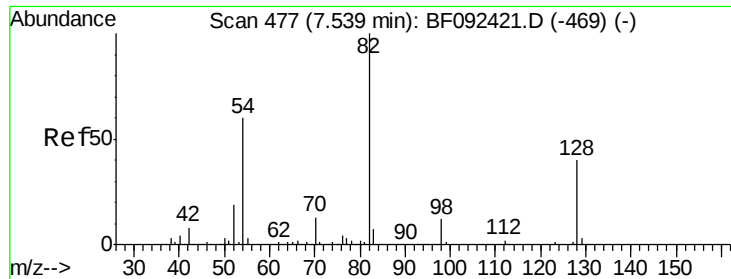
Abundance Ion 105.00 (104.70 to 105.70): E

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

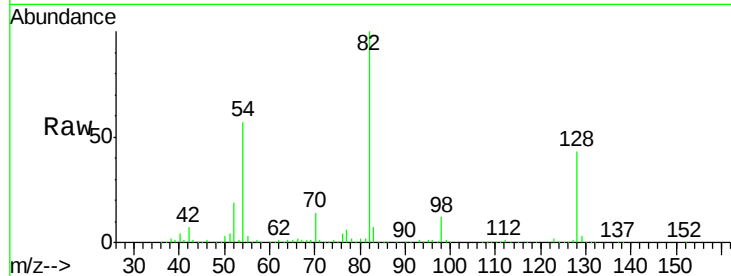




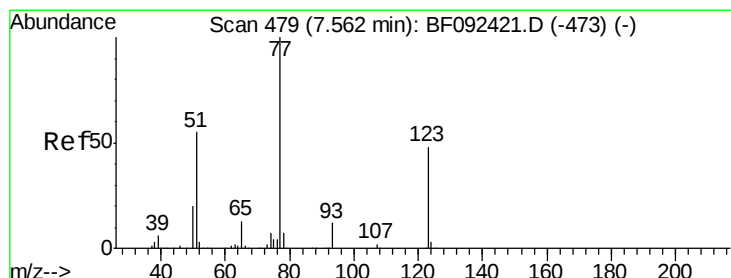
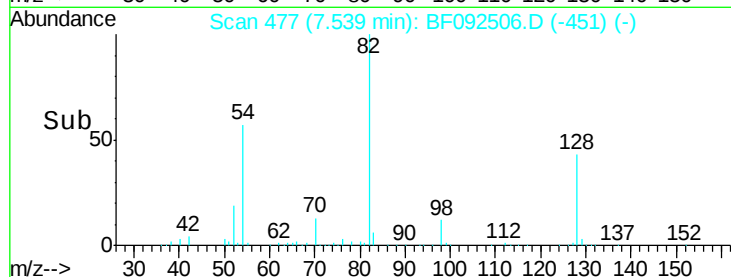
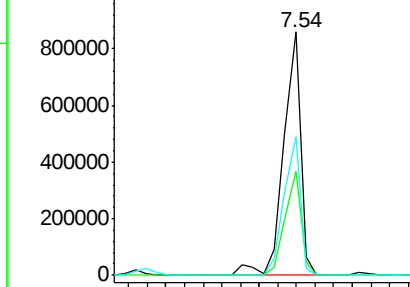
#23
 Nitrobenzene-d5
 Concen: 100.85 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1085508
 Ion Ratio Lower Upper
 82 100
 128 42.5 34.6 52.0
 54 57.2 39.5 59.3

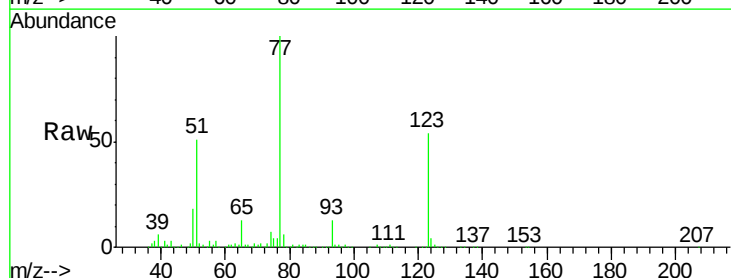


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

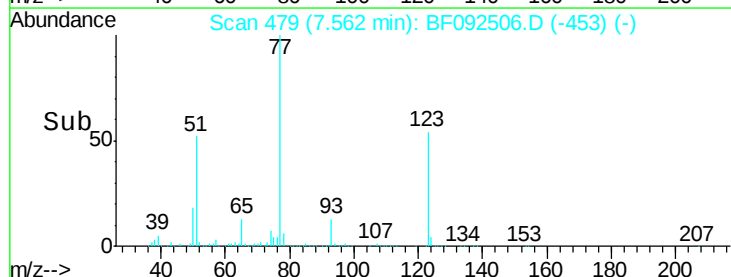
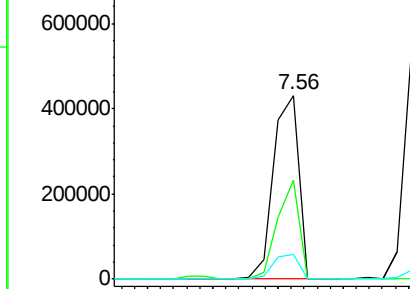


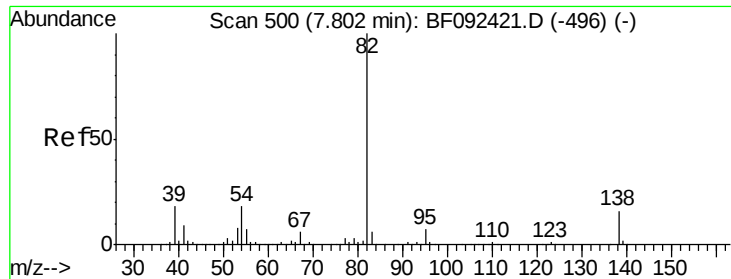
#24
 Nitrobenzene
 Concen: 52.06 ng
 RT: 7.56 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

Tgt Ion: 77 Resp: 587000
 Ion Ratio Lower Upper
 77 100
 123 54.2 33.0 49.4#
 65 13.2 11.2 16.8



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





#25

Isophorone

Concen: 50.88 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampled :

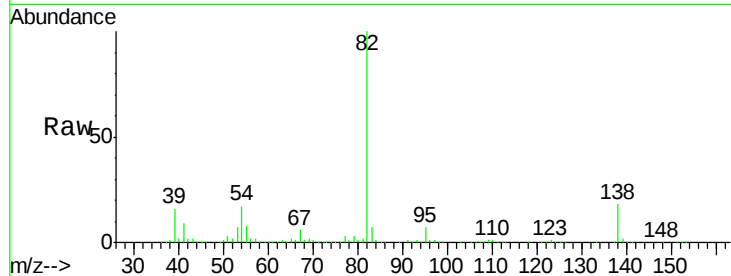
Tot Ion: 82 Resp: 1079149

Ion Ratio Lower Upper

82 100

95 7.3 5.6 8.4

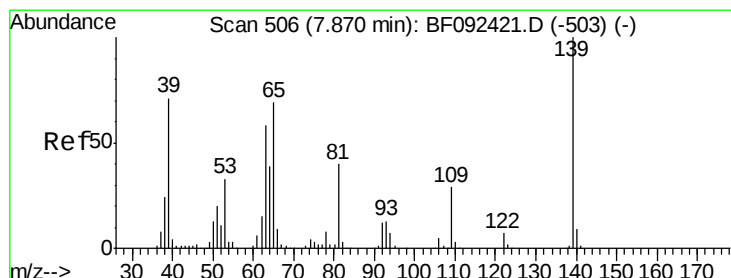
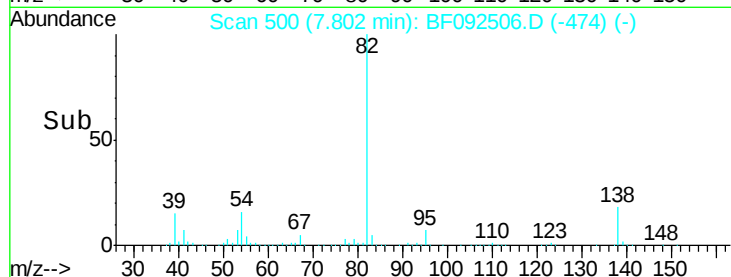
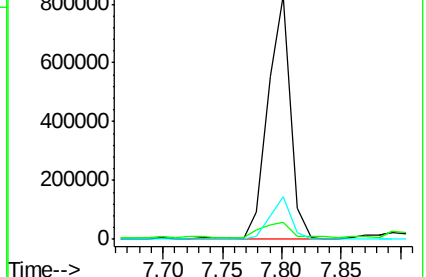
138 17.5 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 56.11 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

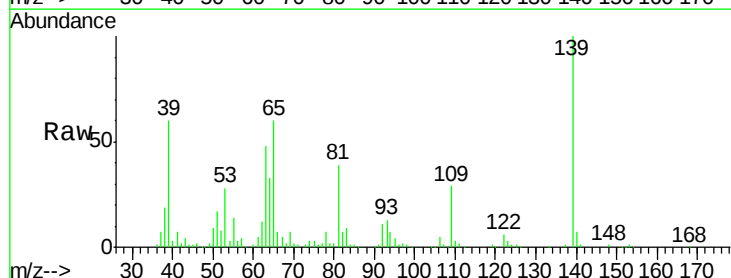
Tgt Ion: 139 Resp: 265101

Ion Ratio Lower Upper

139 100

109 29.0 23.3 34.9

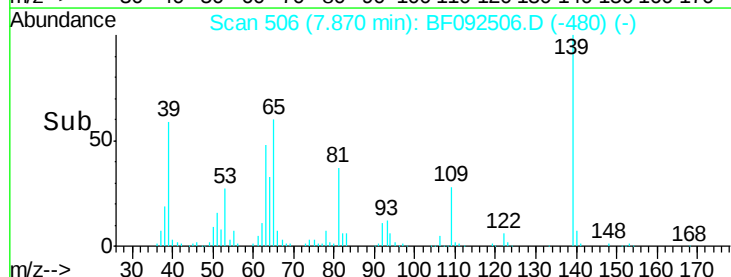
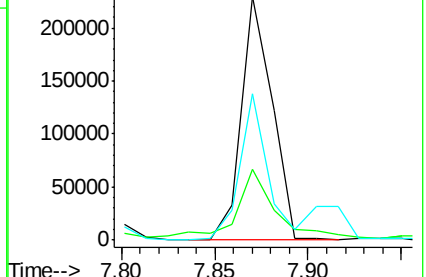
65 59.9 42.7 64.1

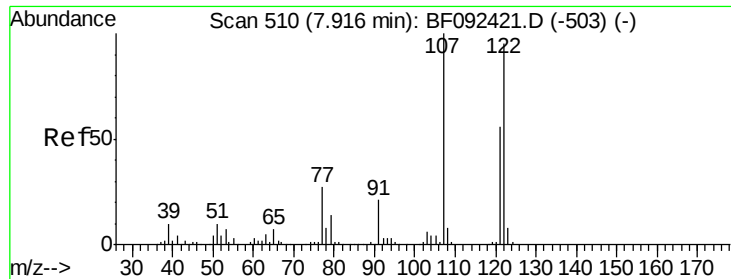


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 51.64 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampled :

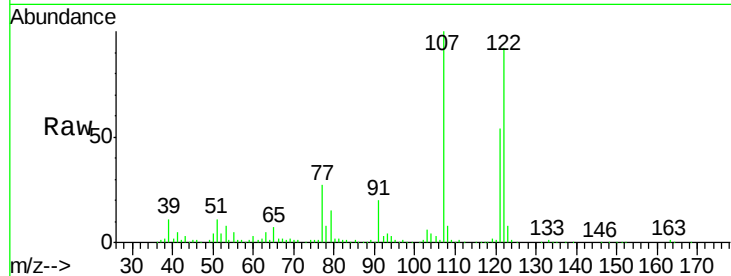
Tot Ion:122 Resp: 507428

Ion Ratio Lower Upper

122 100

107 109.1 94.1 141.1

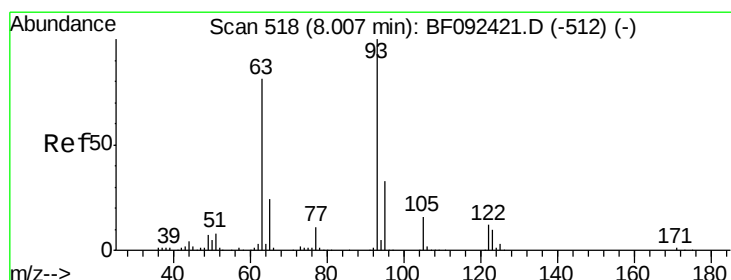
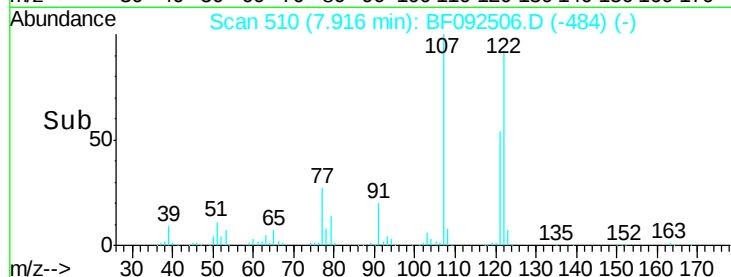
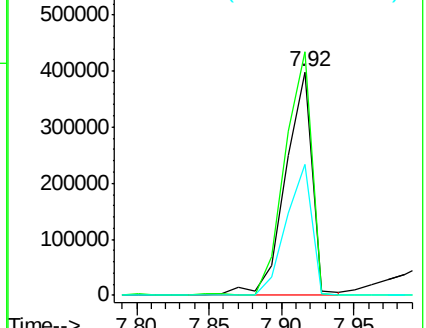
121 58.4 46.0 69.0



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: 44.02 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

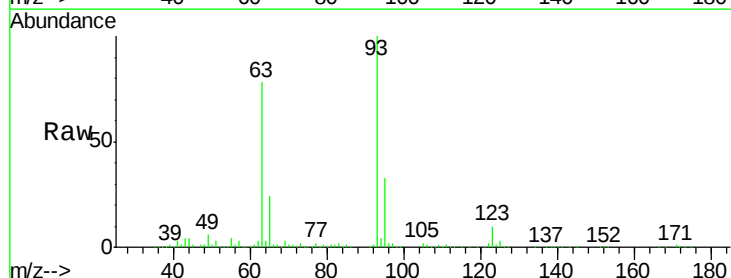
Tgt Ion: 93 Resp: 612924

Ion Ratio Lower Upper

93 100

95 33.3 26.5 39.7

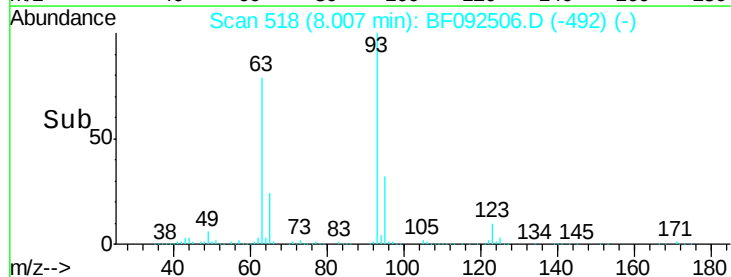
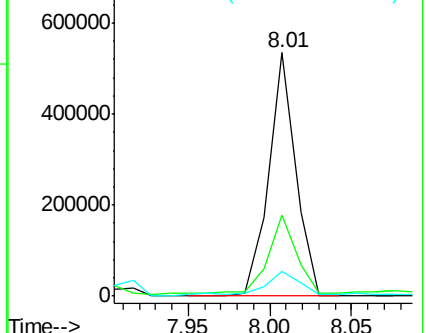
123 10.1 8.6 13.0

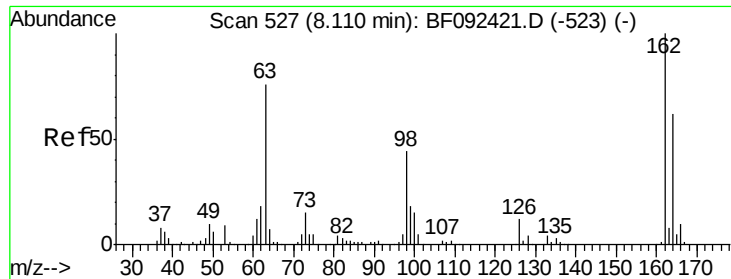


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

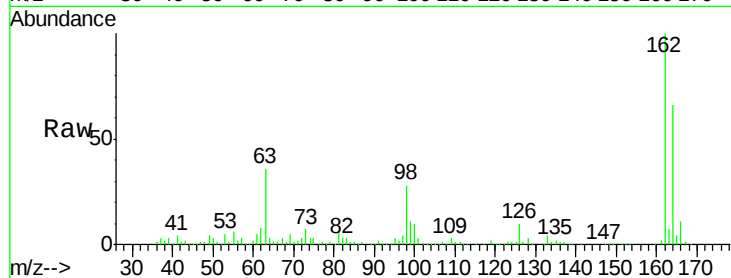




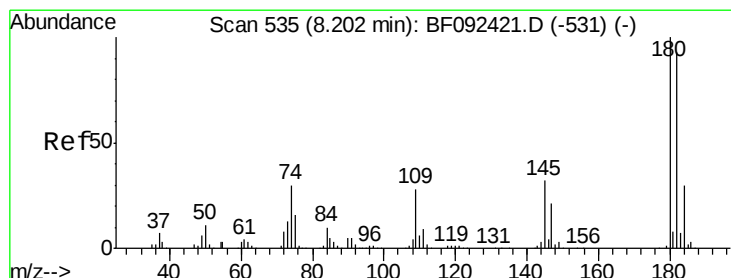
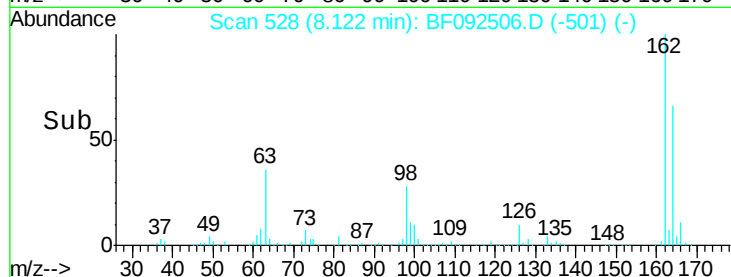
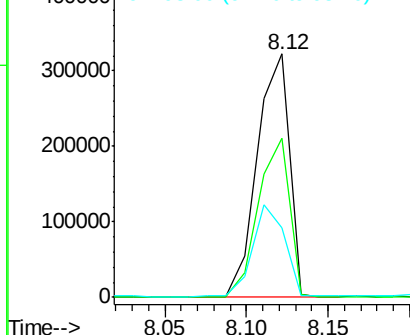
#29
2,4-Dichlorophenol
Concen: 52.15 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.01 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 444286
Ion Ratio Lower Upper
162 100
164 65.6 46.8 86.8
98 28.4 9.1 49.1

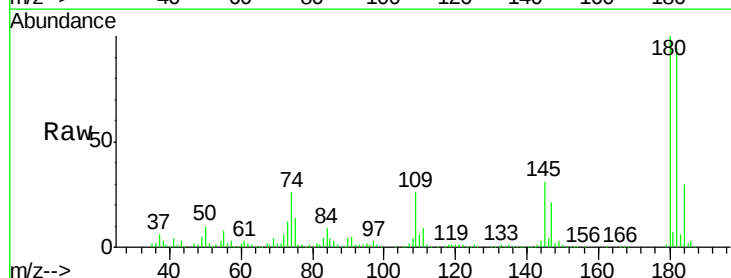


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

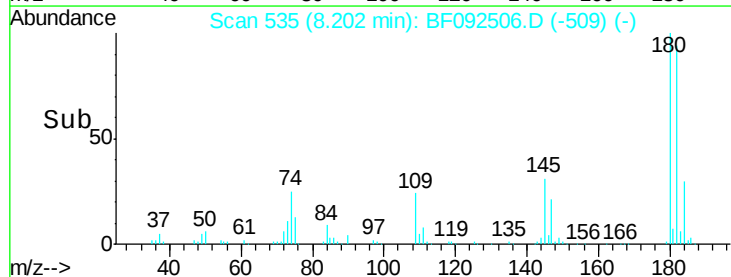
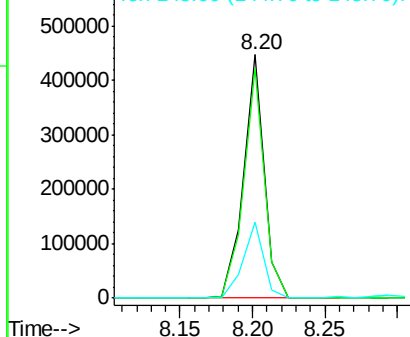


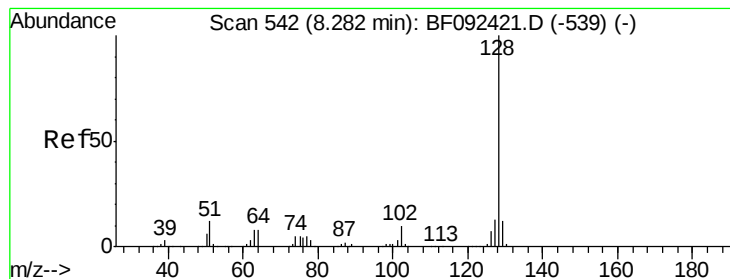
#30
1,2,4-Trichlorobenzene
Concen: 48.02 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Tgt Ion:180 Resp: 442173
Ion Ratio Lower Upper
180 100
182 94.1 78.2 117.4
145 31.0 21.6 32.4



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: 46.00 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

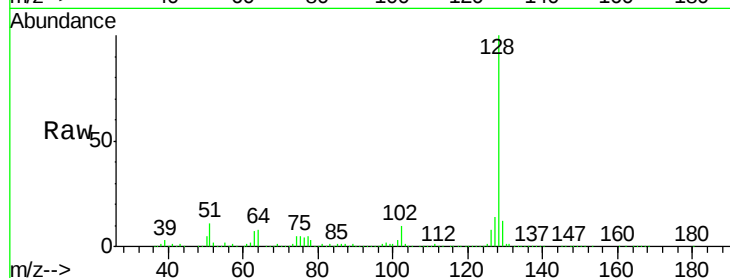
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 1384171

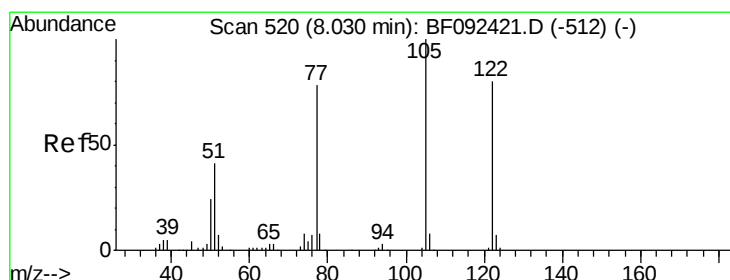
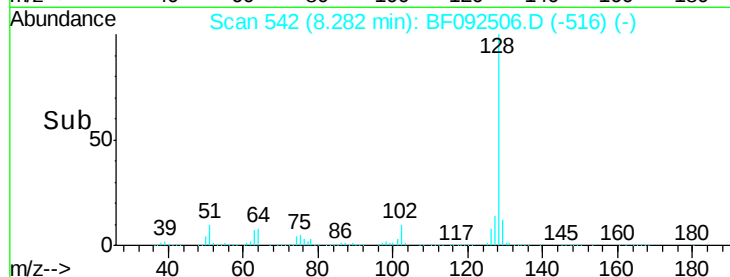
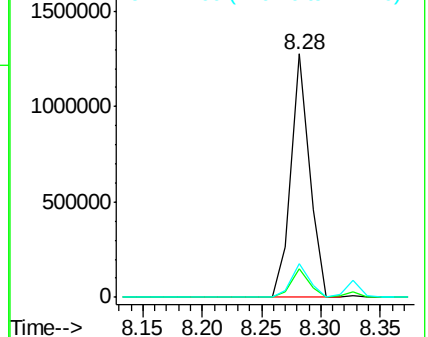
Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.5	14.3
127	13.6	10.8	16.2



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: 18.41 ng

RT: 8.00 min Scan# 517

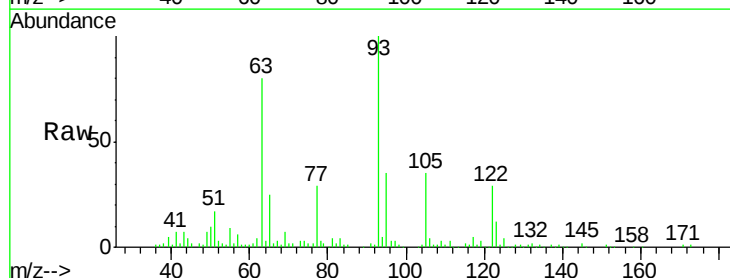
Delta R.T. -0.03 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Tgt Ion:122 Resp: 111672

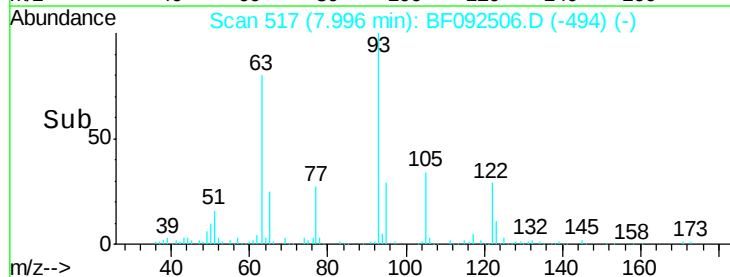
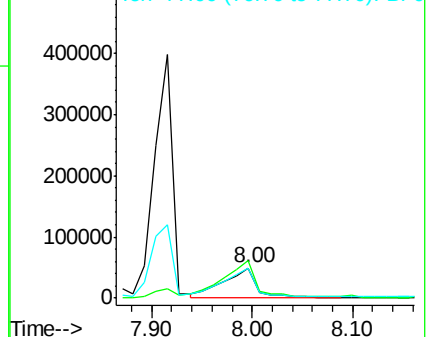
Ion	Ratio	Lower	Upper
122	100		
105	123.8	107.2	147.2
77	100.6	74.5	114.5

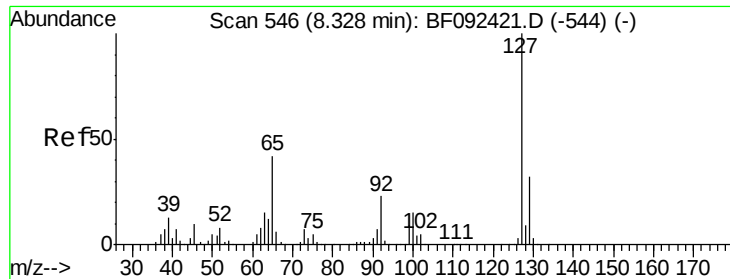


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

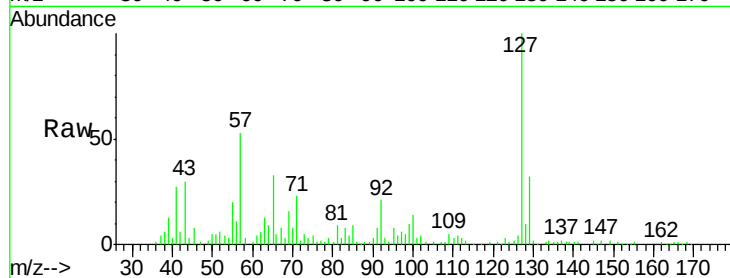




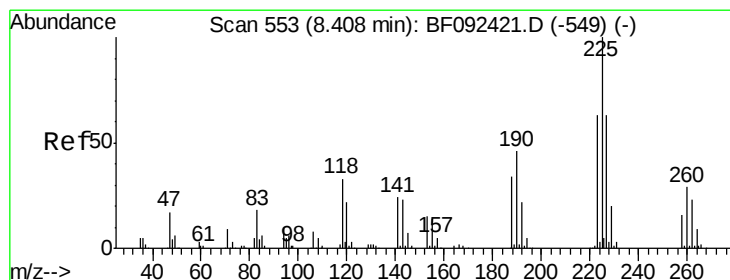
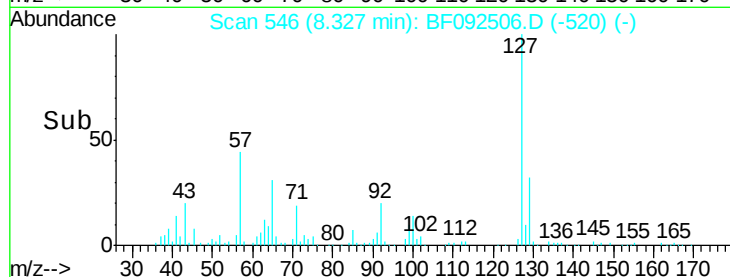
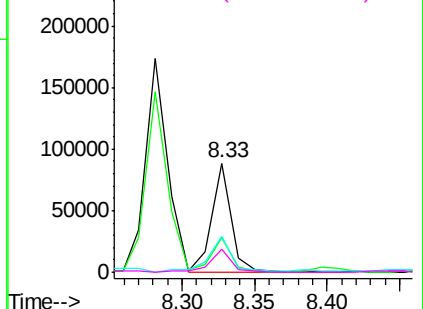
#33
4-Chloroaniline
Concen: 6.43 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	81851
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.3	39.5
65	33.1	25.8	38.8
92	20.7	16.1	24.1

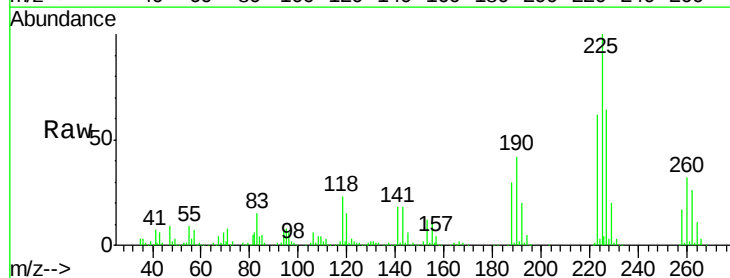


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

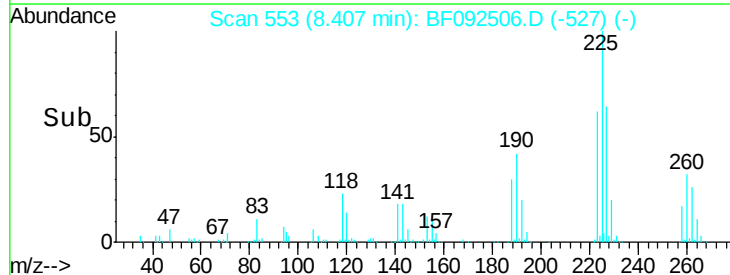
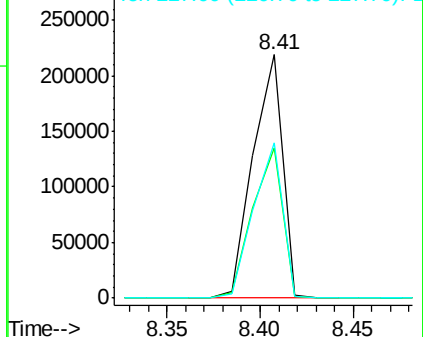


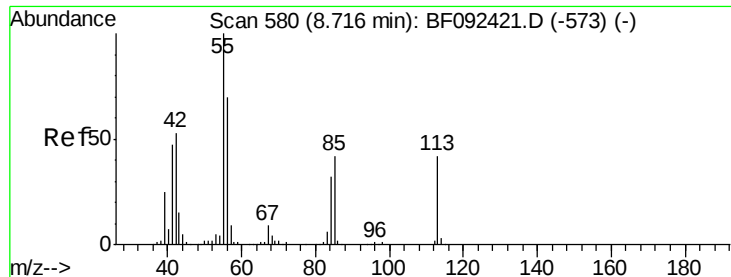
#34
Hexachlorobutadiene
Concen: 48.46 ng
RT: 8.41 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Tgt Ion:	225	Resp:	244073
Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.0	76.6
227	63.9	50.6	76.0



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: 38.27 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampled :

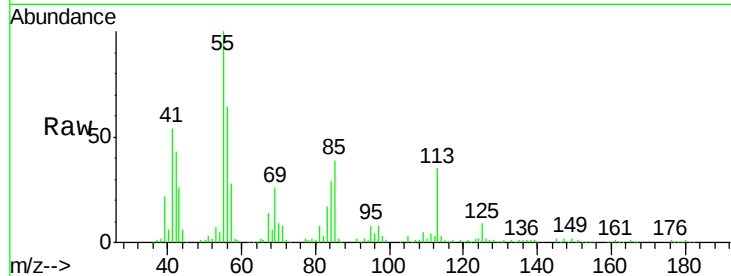
Tot Ion:113 Resp: 108879

Ion Ratio Lower Upper

113 100

55 285.9 119.2 159.2#

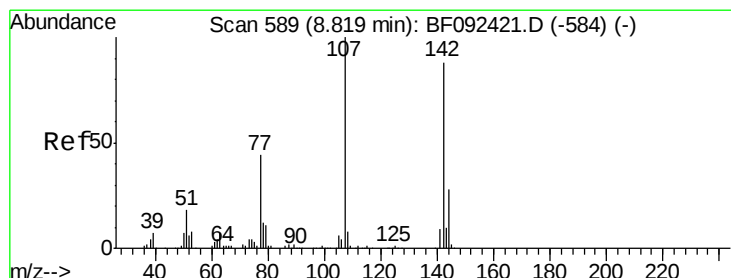
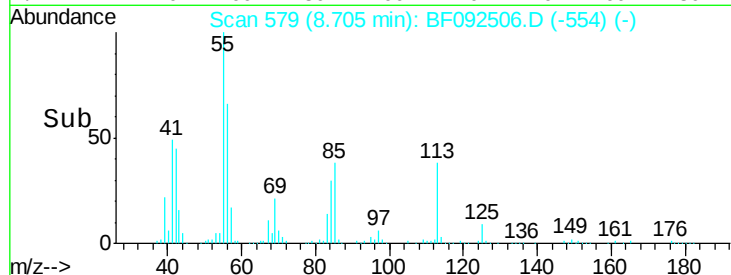
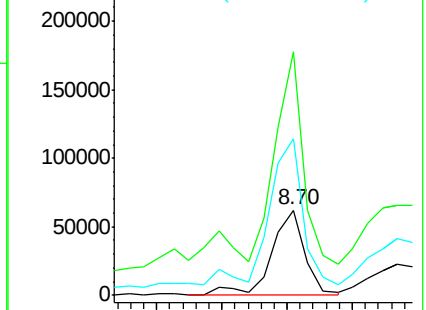
56 183.9 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 51.53 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

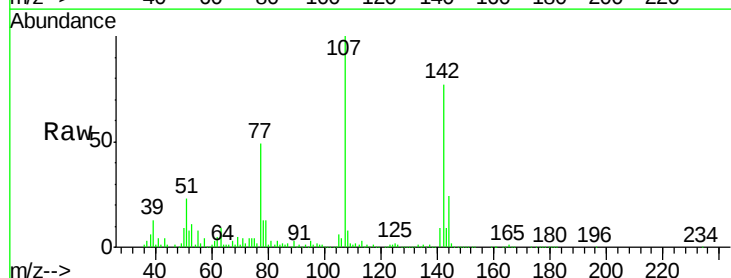
Tgt Ion:107 Resp: 473436

Ion Ratio Lower Upper

107 100

144 24.3 19.3 28.9

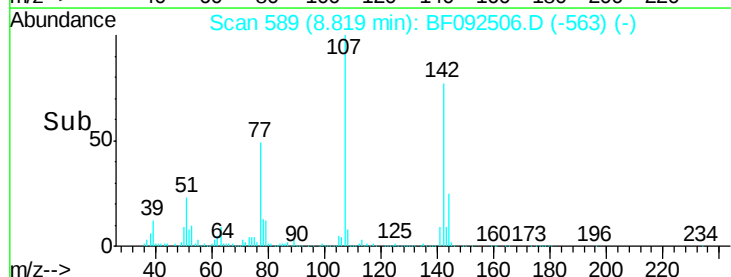
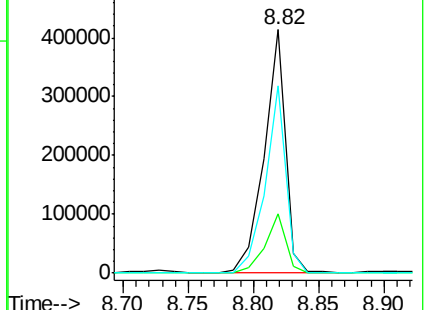
142 76.8 59.0 88.6

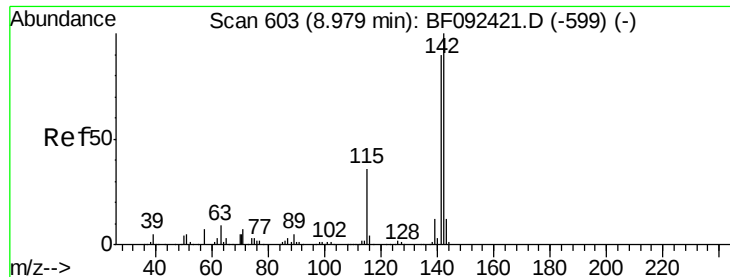


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

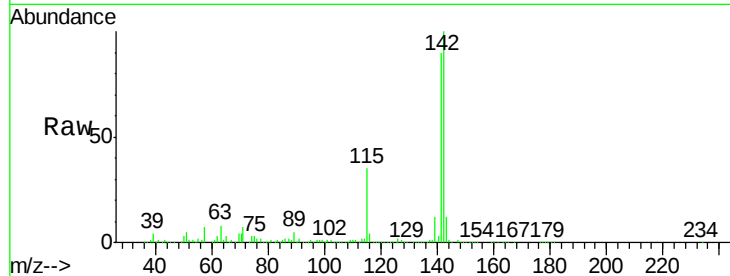




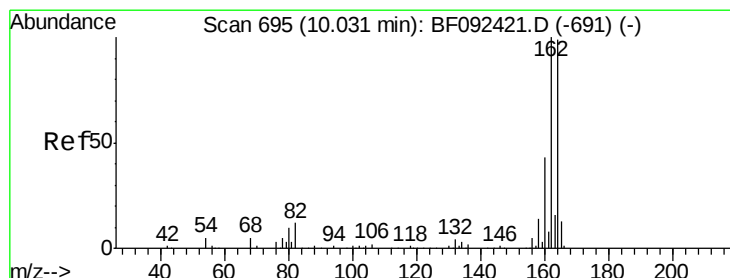
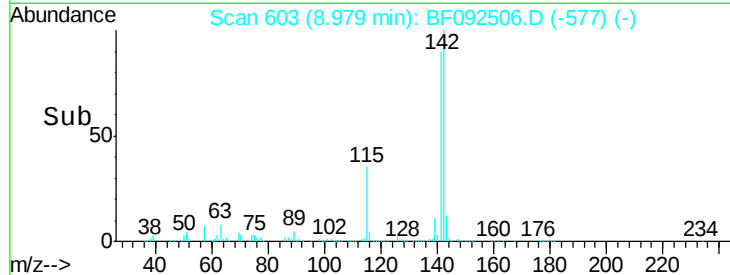
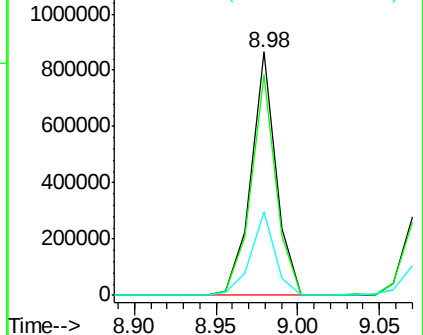
#37
2-Methylnaphthalene
Concen: 48.59 ng
RT: 8.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.0	106.6
115	34.6	28.3	42.5

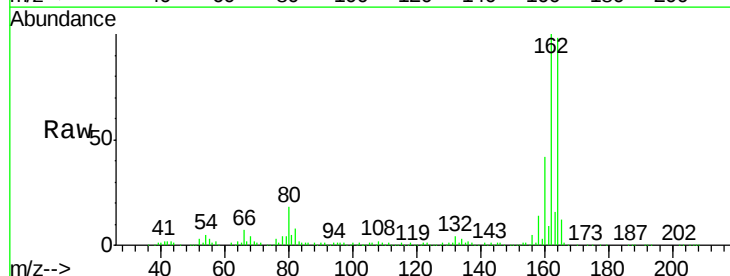


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

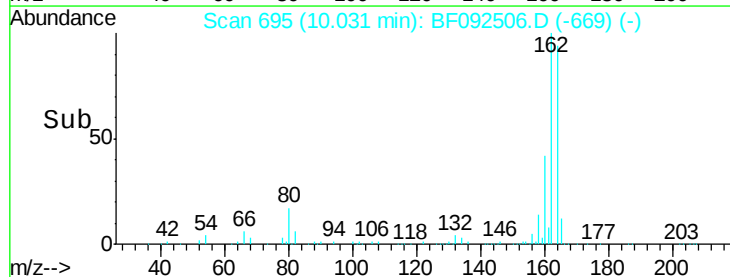
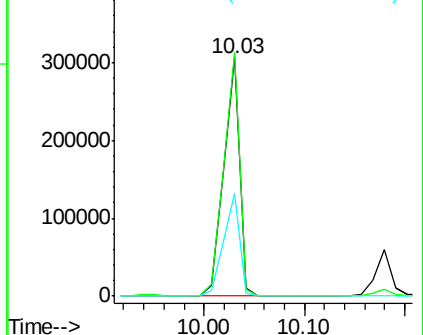


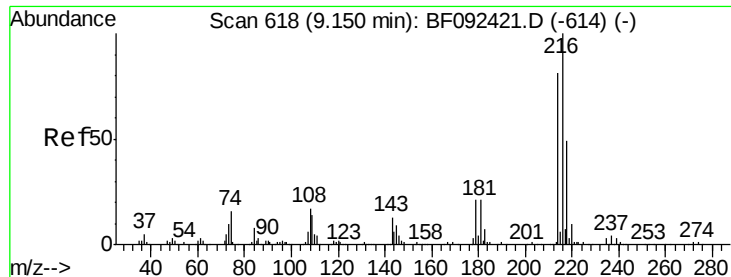
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.2	120.2
160	43.1	36.9	55.3



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

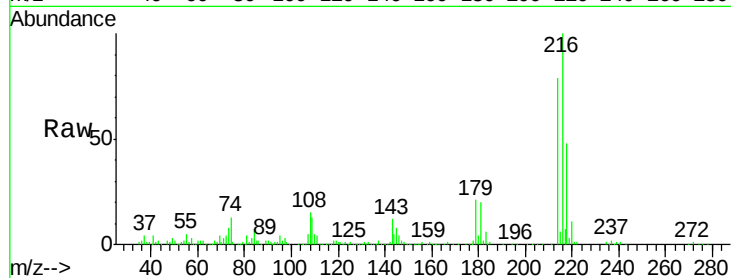




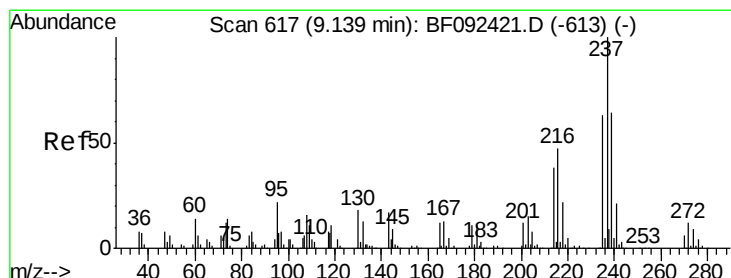
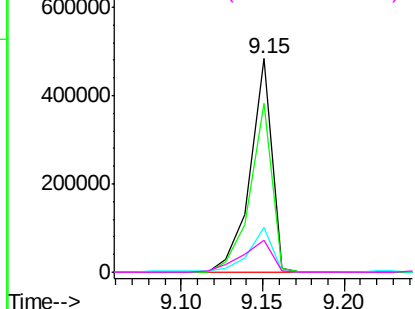
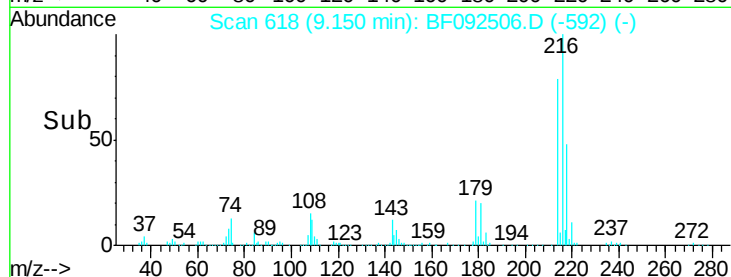
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.93 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	448247
Ion Ratio	Lower	Upper
216	100	
214	80.0	63.4 95.0
179	22.3	17.4 26.2
108	20.1	15.6 23.4

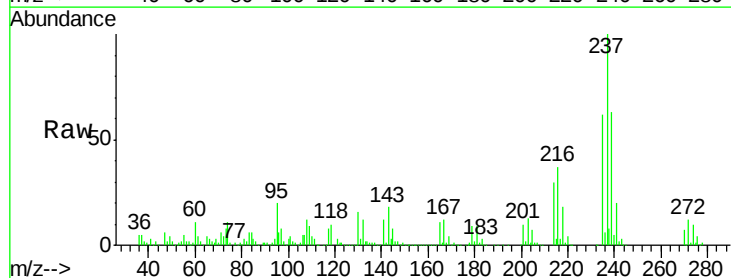


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

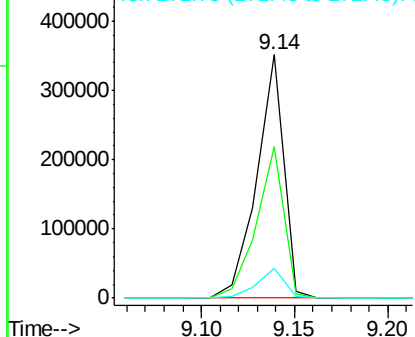
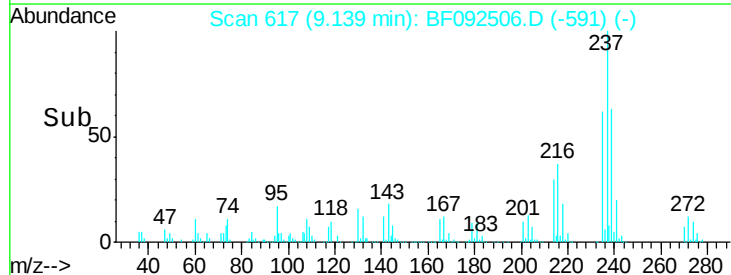


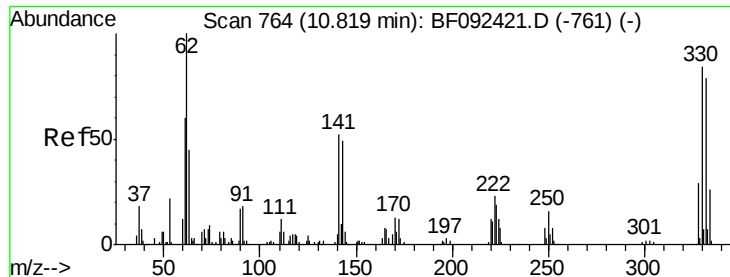
#40
 Hexachlorocyclopentadiene
 Concen: 82.59 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

Tgt Ion:237	Resp:	350282
Ion Ratio	Lower	Upper
237	100	
235	62.0	41.2 81.2
272	12.3	0.0 35.4



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

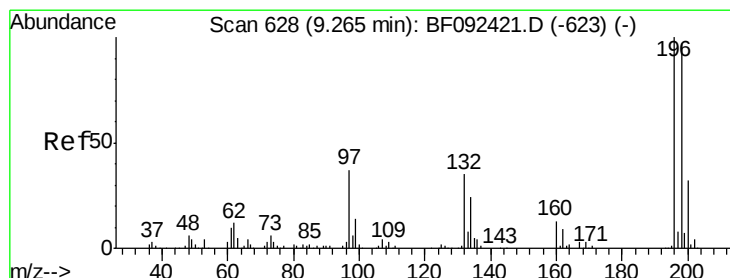
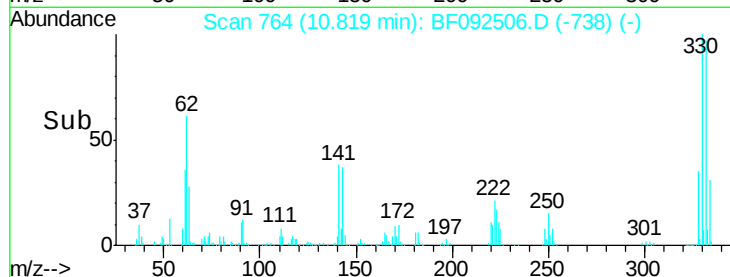
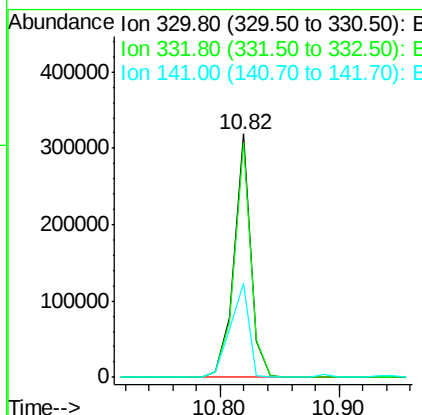
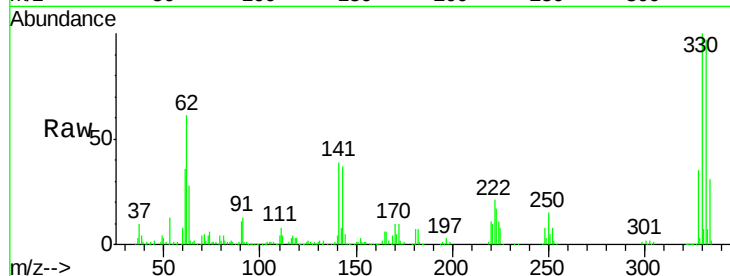




#41
 2,4,6-Tribromophenol
 Concen: 136.45 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

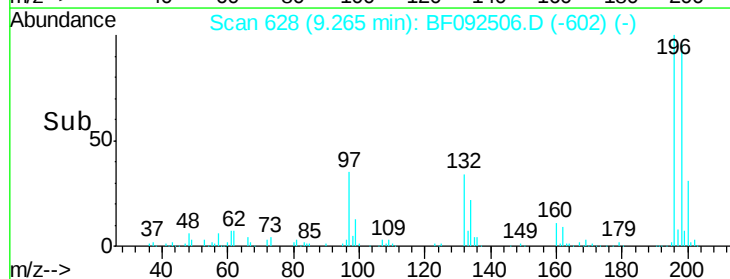
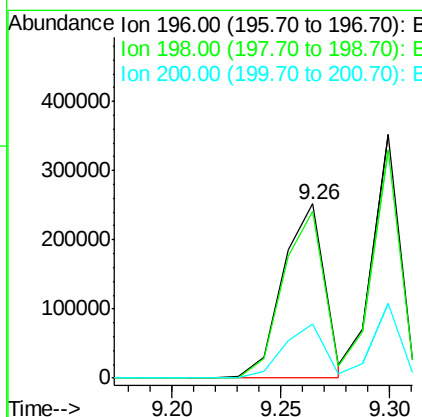
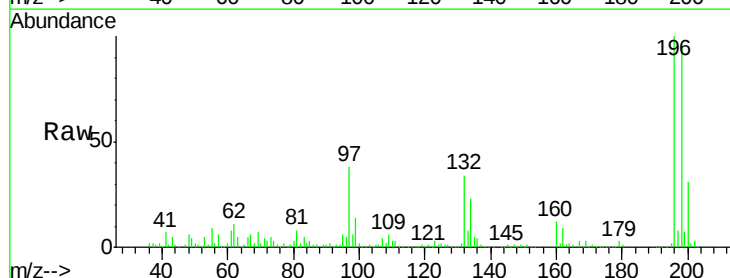
Instrument :
 BNA_F
 ClientSampleId :

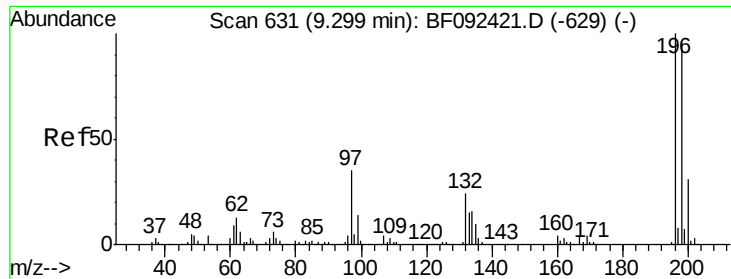
Tot Ion:330 Resp: 312183
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 43.0 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 51.88 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

Tgt Ion:196 Resp: 336664
 Ion Ratio Lower Upper
 196 100
 198 95.9 82.1 123.1
 200 31.0 27.0 40.4

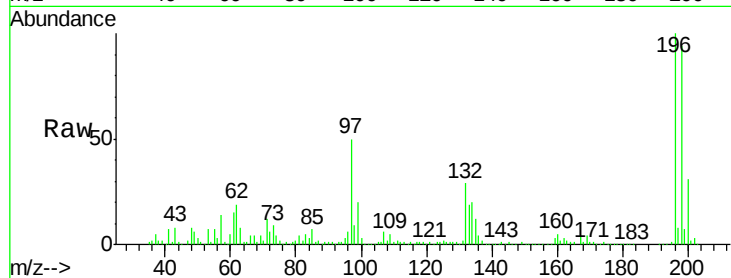




#43
 2,4,5-Trichlorophenol
 Concen: 52.12 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.6	79.4	119.2
97	50.5	51.5	77.3
132	29.1	27.4	41.2



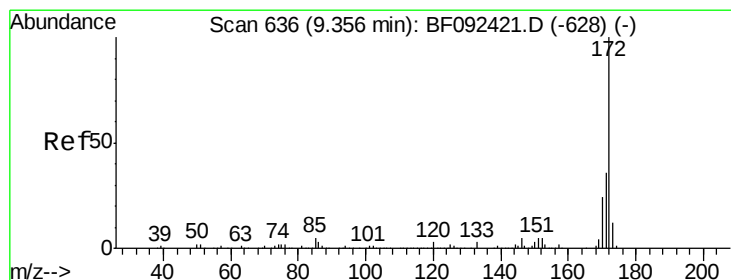
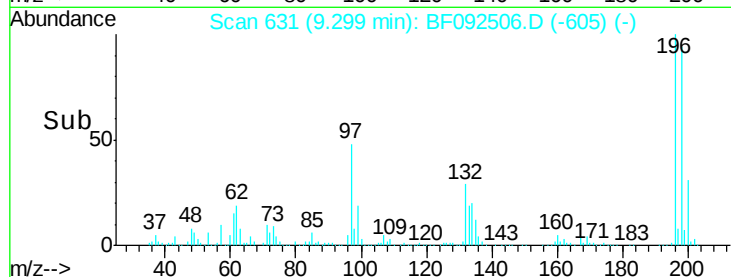
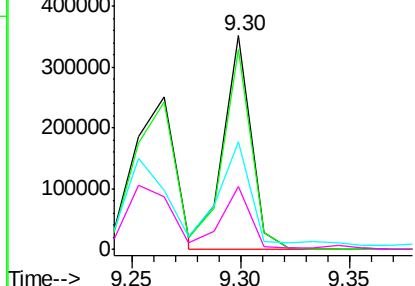
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

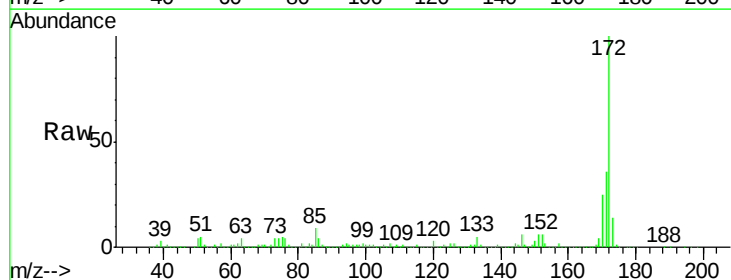
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.29 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.6	20.2	30.4

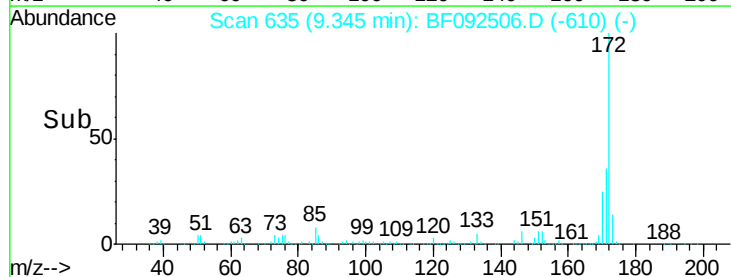
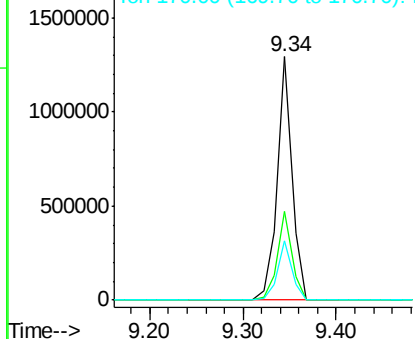


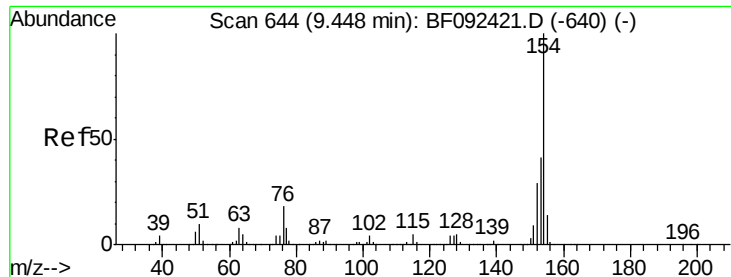
Abundance

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: 46.12 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

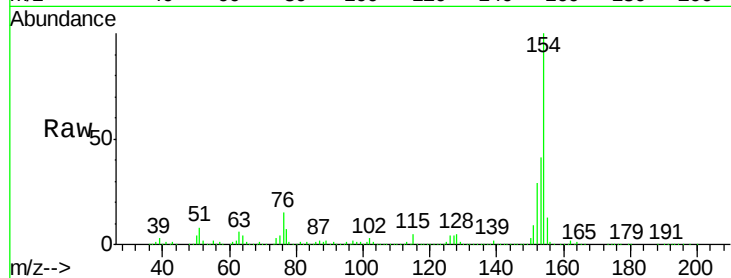
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 1119411

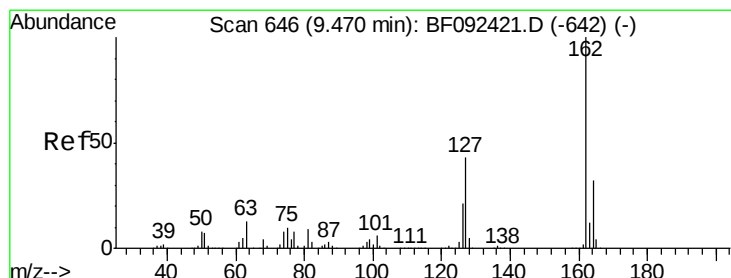
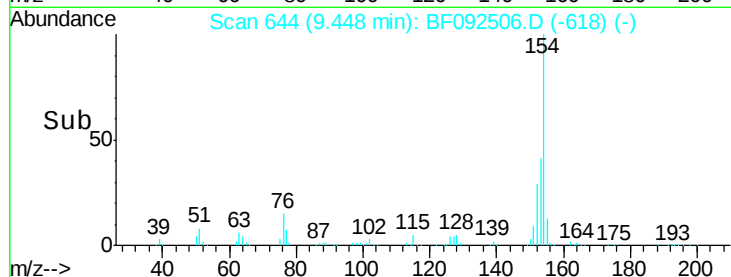
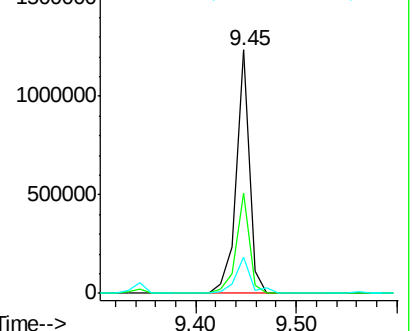
Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.9	60.9
76	14.9	0.0	30.5



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: 43.00 ng

RT: 9.47 min Scan# 646

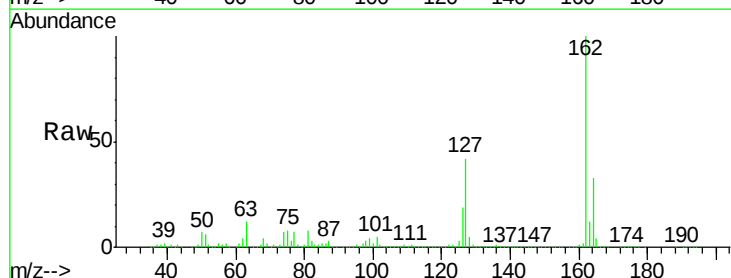
Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Tgt Ion:162 Resp: 852370

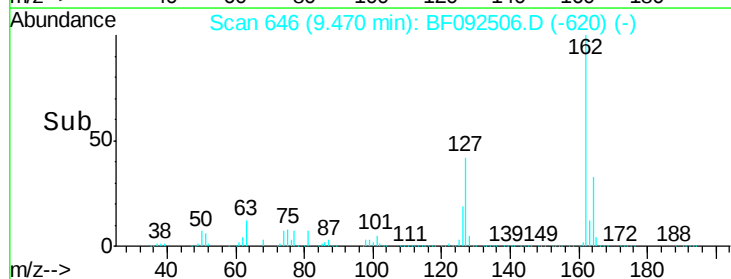
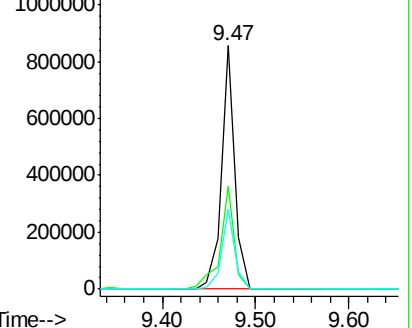
Ion	Ratio	Lower	Upper
162	100		
127	42.1	30.7	46.1
164	32.8	27.6	41.4

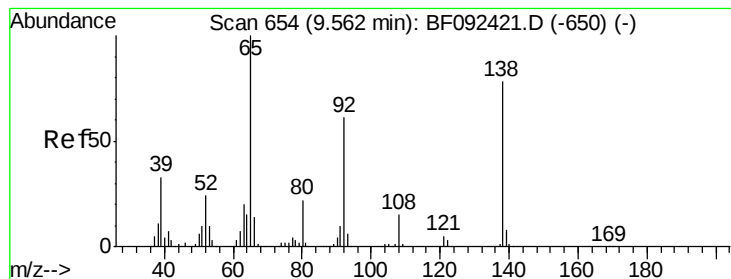


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.30 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

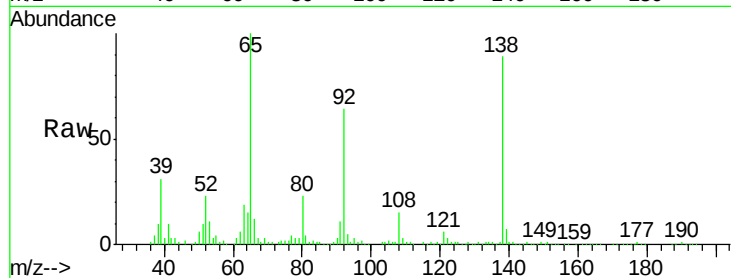
Tot Ion: 65 Resp: 295733

Ion Ratio Lower Upper

65 100

92 64.3 53.9 80.9

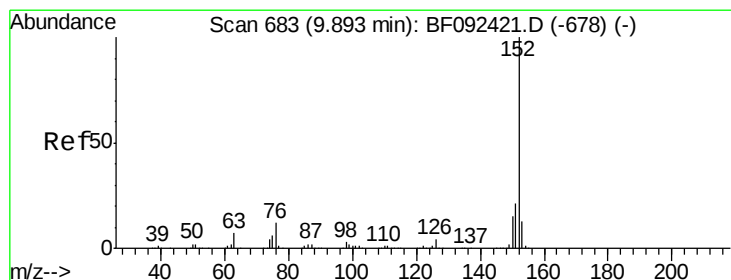
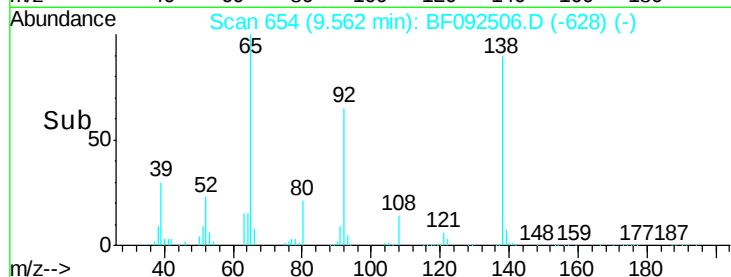
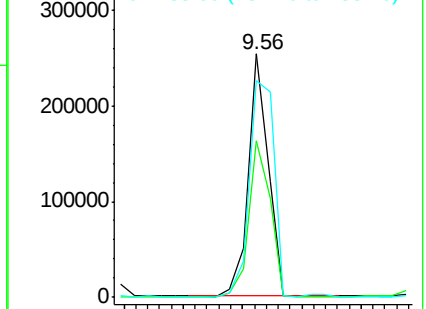
138 89.0 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 53.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

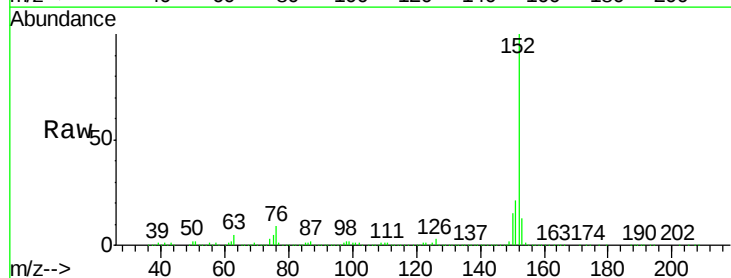
Tgt Ion: 152 Resp: 1541015

Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

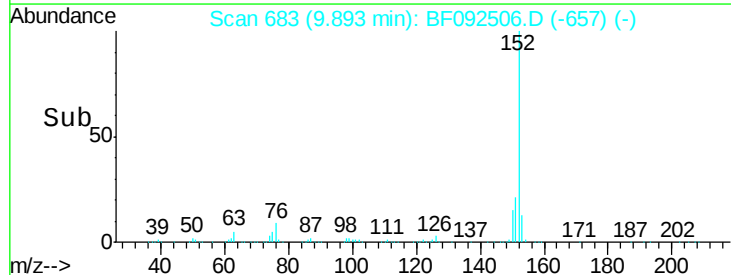
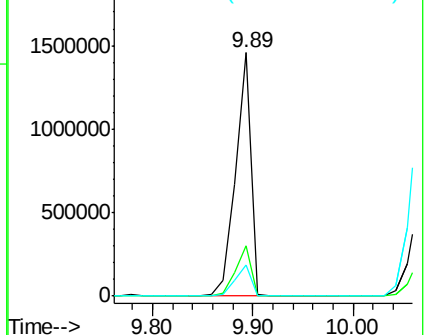
153 13.0 11.4 17.2

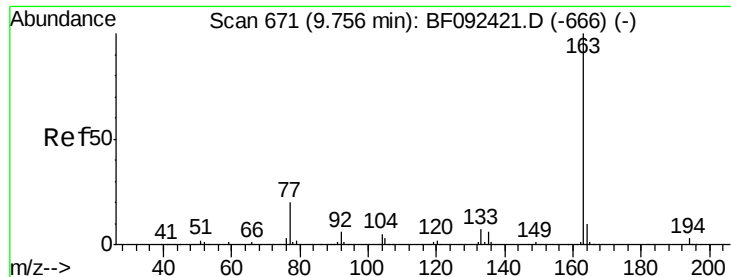


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

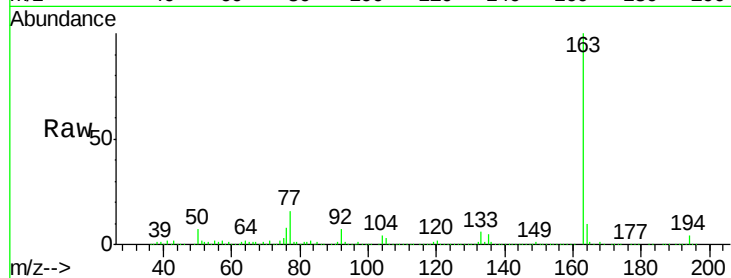




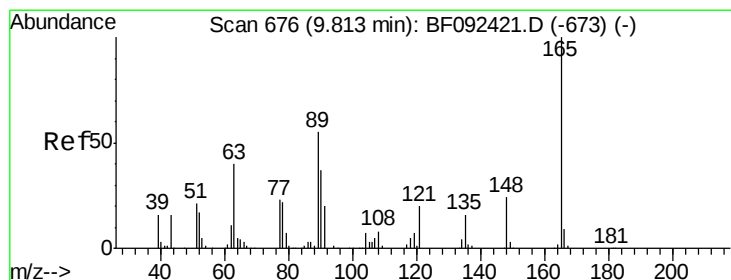
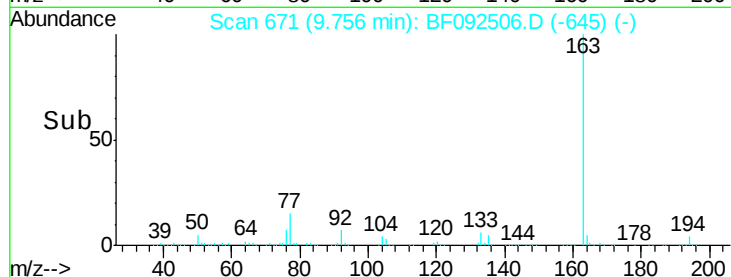
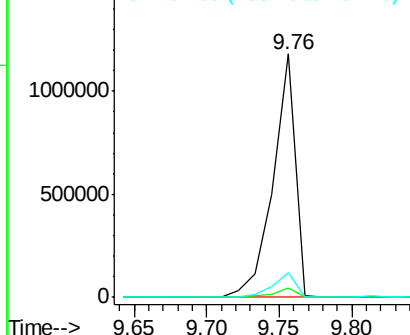
#49
Dimethylphthalate
Concen: 58.96 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1258895
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.1 8.0 12.0

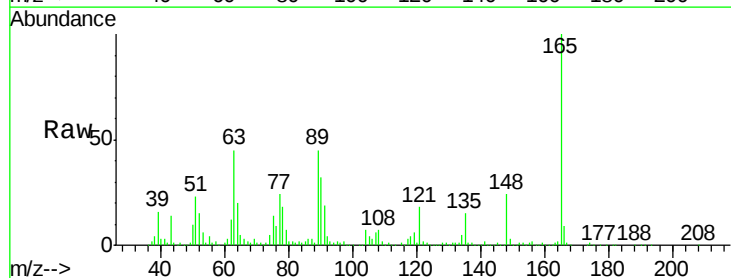


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

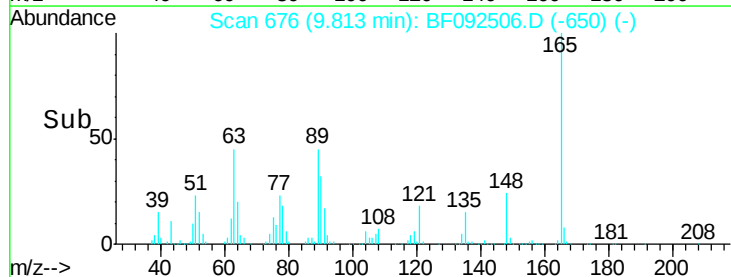
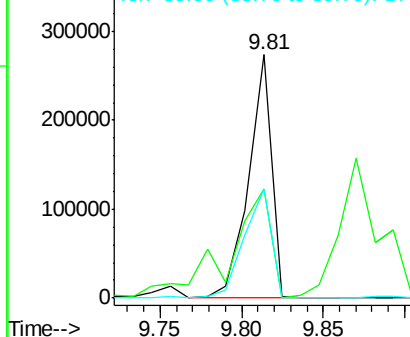


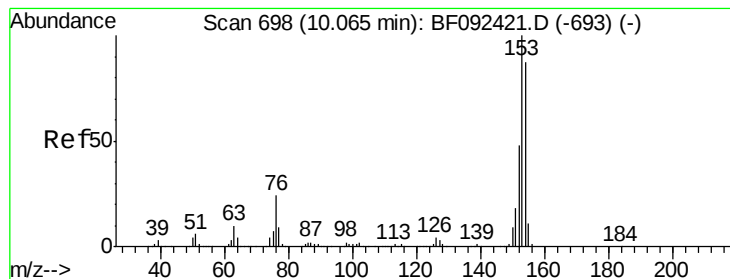
#50
2,6-Dinitrotoluene
Concen: 60.57 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Tgt Ion:165 Resp: 264339
Ion Ratio Lower Upper
165 100
63 45.1 36.2 54.4
89 45.0 40.2 60.4



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: 59.14 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampled :

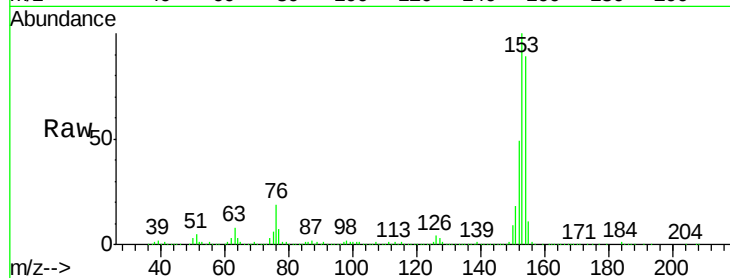
Tot Ion:154 Resp: 1068445

Ion Ratio Lower Upper

154 100

153 113.0 88.6 133.0

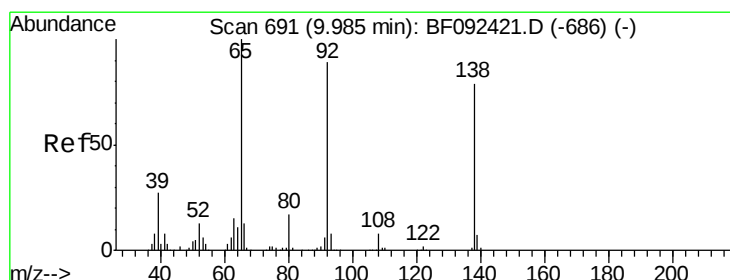
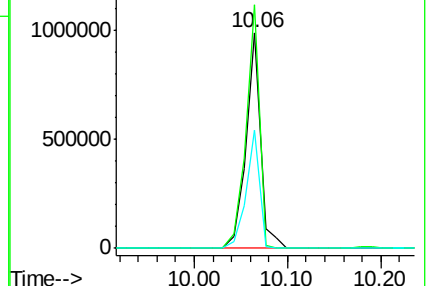
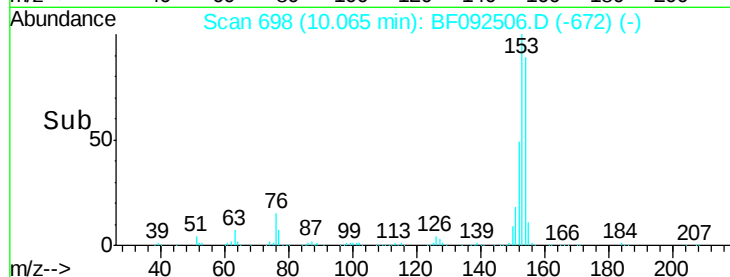
152 55.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.87 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

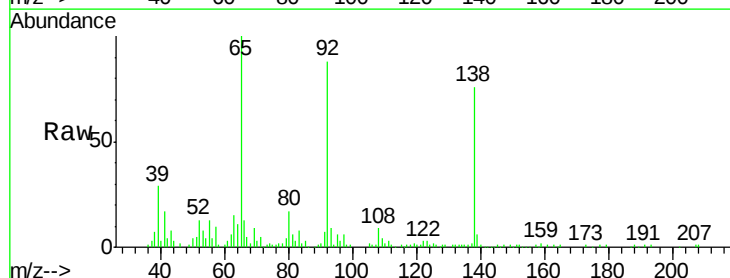
Tgt Ion:138 Resp: 64867

Ion Ratio Lower Upper

138 100

108 11.5 8.5 12.7

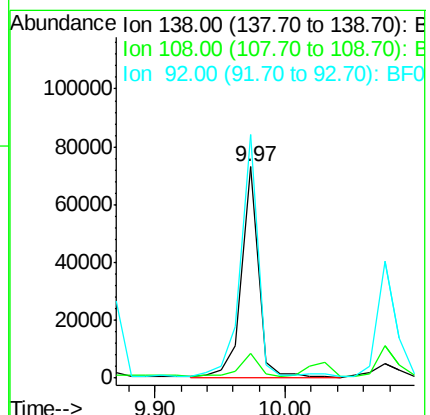
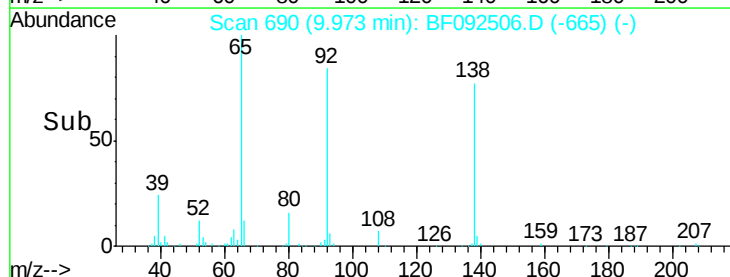
92 115.2 97.8 146.8

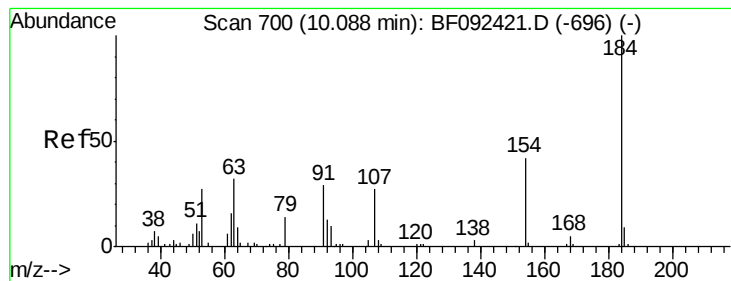


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 62.78 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampled :

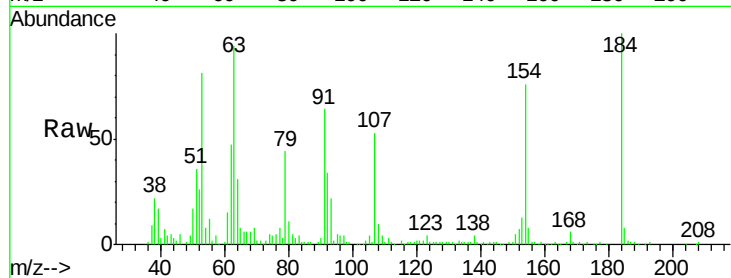
Tot Ion:184 Resp: 156917

Ion Ratio Lower Upper

184 100

63 94.4 28.4 42.6#

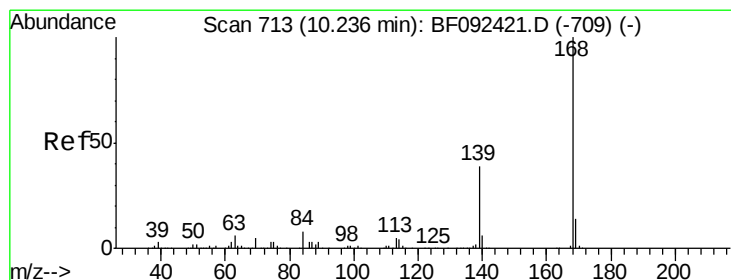
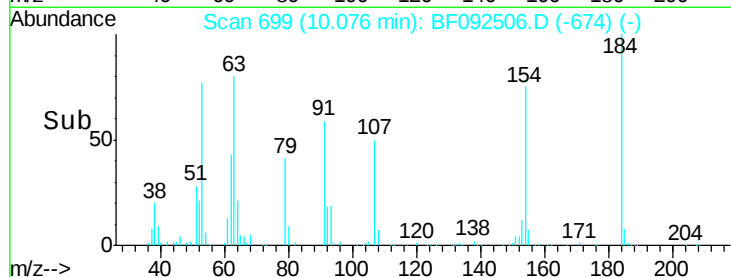
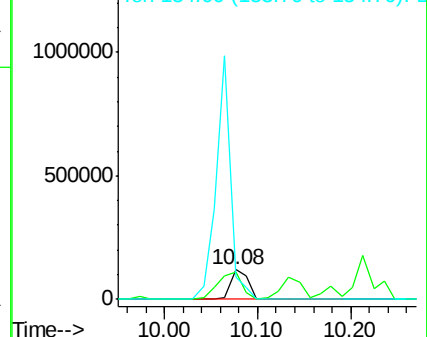
154 75.5 44.3 66.5#



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: 58.78 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

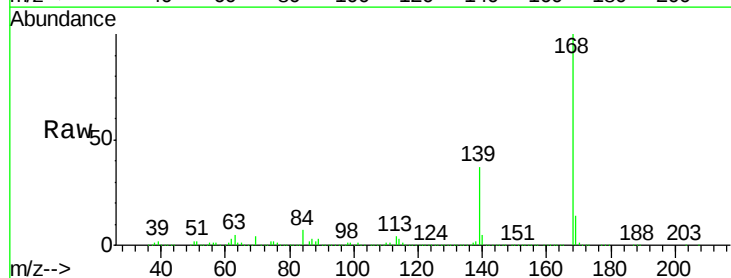
Tgt Ion:168 Resp: 1441950

Ion Ratio Lower Upper

168 100

139 36.8 32.6 49.0

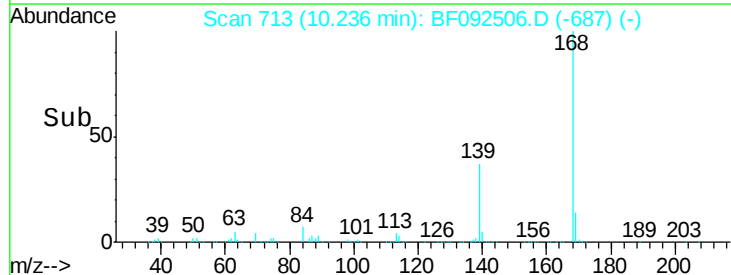
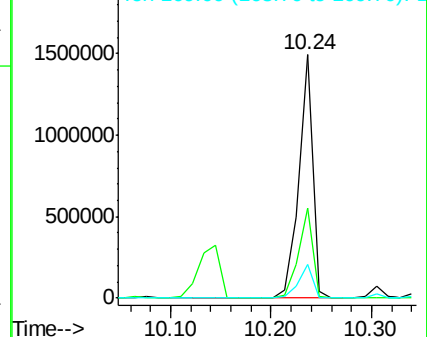
169 13.8 11.3 16.9

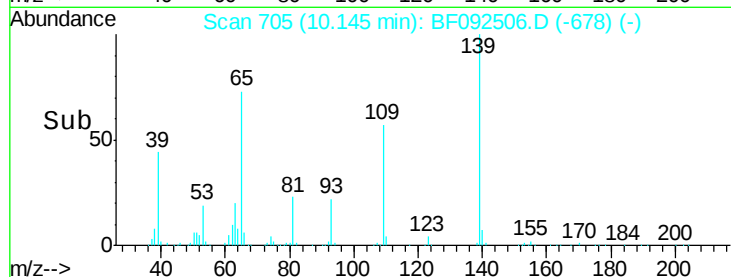
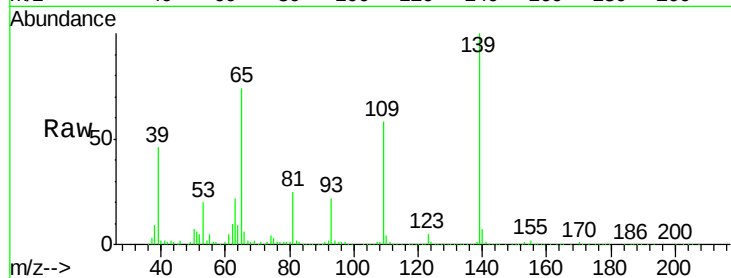
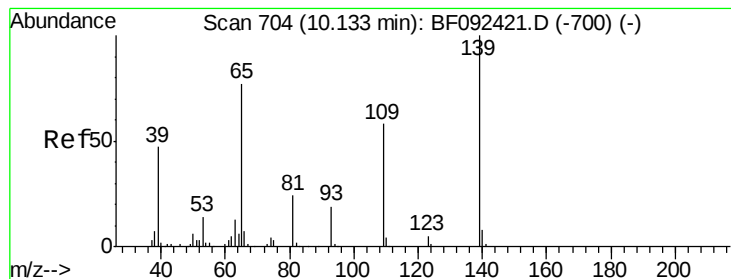


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 110.48 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampled :

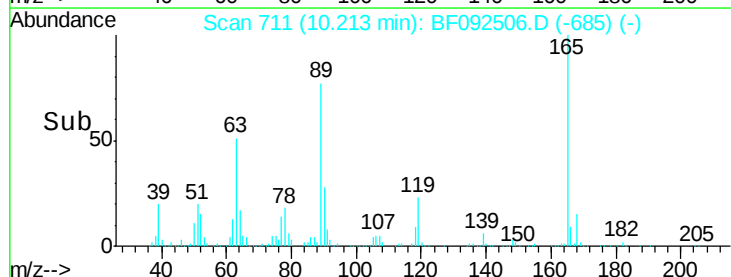
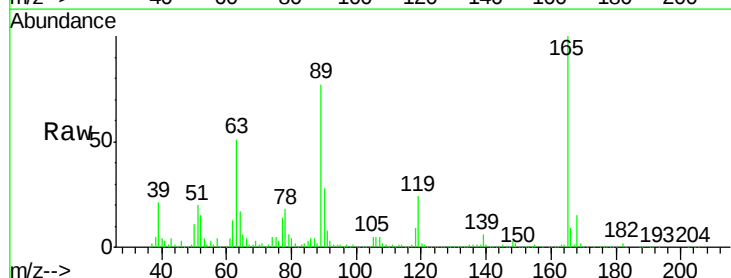
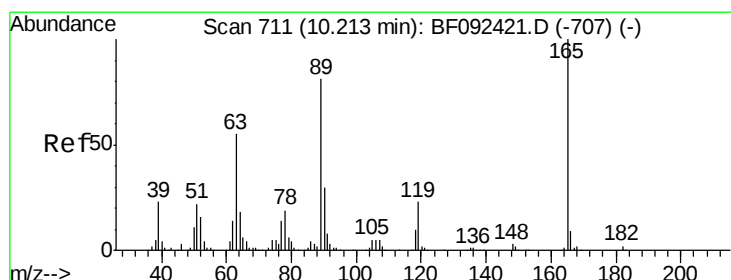
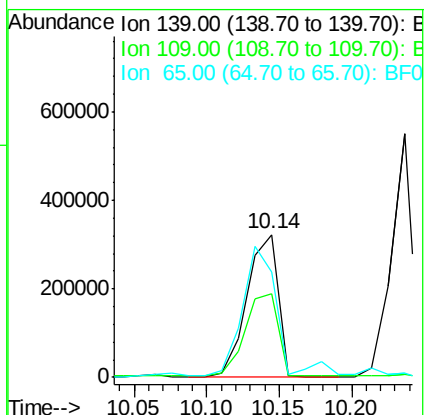
Tot Ion:139 Resp: 479517

Ion Ratio Lower Upper

139 100

109 58.2 52.2 92.2

65 73.6 85.8 125.8#



#56

2,4-Dinitrotoluene

Concen: 54.57 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Tgt Ion:165 Resp: 316126

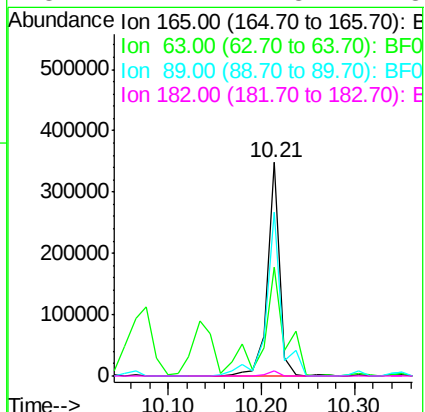
Ion Ratio Lower Upper

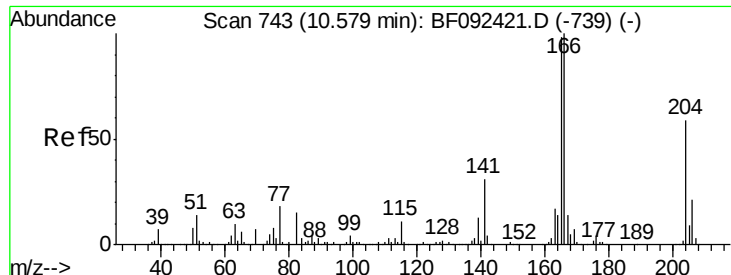
165 100

63 50.9 40.2 60.4

89 76.9 62.5 93.7

182 2.4 1.8 2.8





#57

Fluorene

Concen: 57.84 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

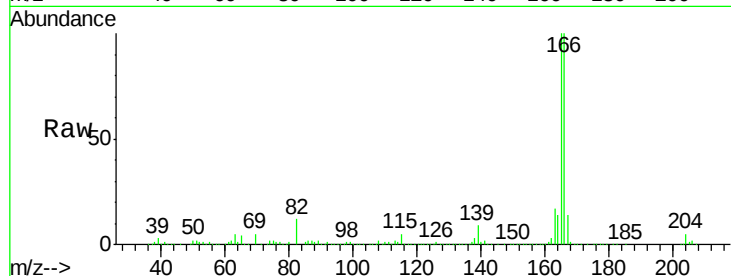
Tot Ion:166 Resp: 1052021

Ion Ratio Lower Upper

166 100

165 100.4 77.8 116.8

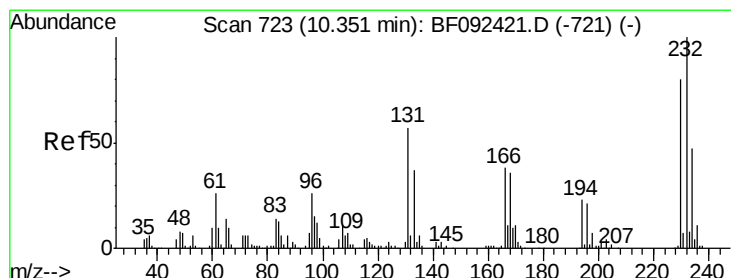
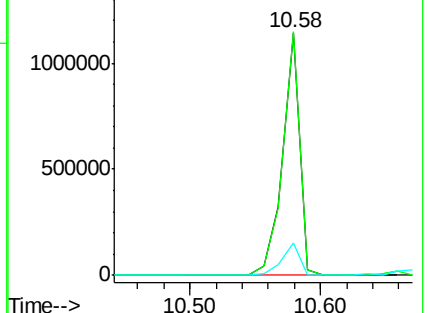
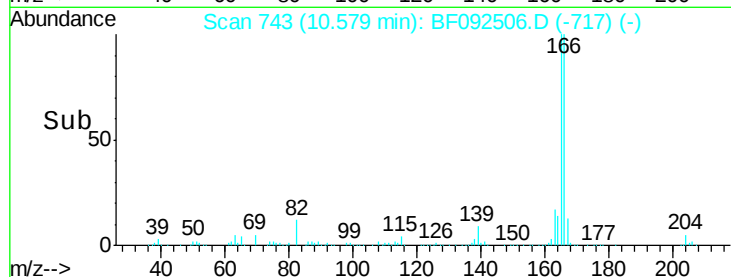
167 13.6 10.8 16.2



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: 59.68 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Tgt Ion:232 Resp: 265486

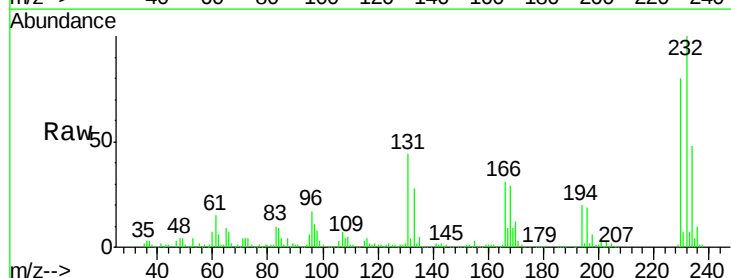
Ion Ratio Lower Upper

232 100

131 49.1 40.1 60.1

130 3.0 1.8 2.8#

166 32.8 26.6 39.8

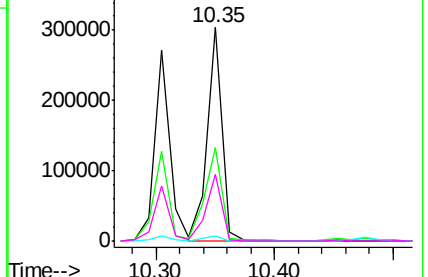
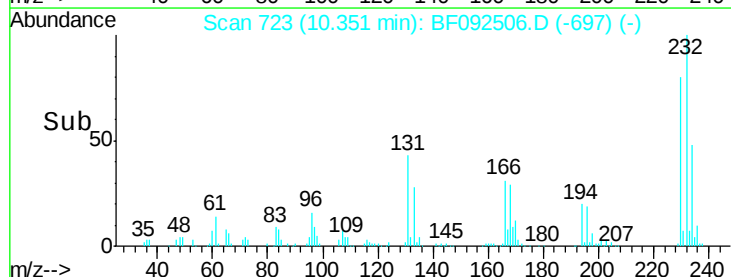


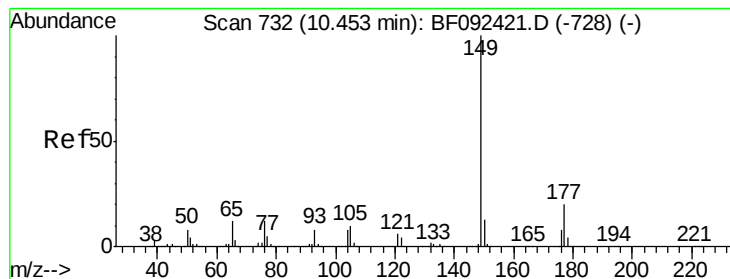
Abundance Ion 232.00 (231.70 to 232.70): E

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: 50.05 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampled :

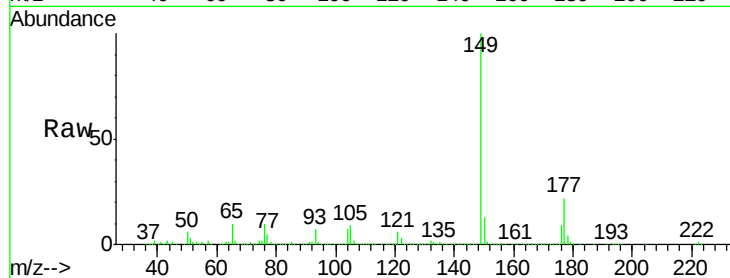
Tot Ion:149 Resp: 1024562

Ion Ratio Lower Upper

149 100

177 21.9 16.6 25.0

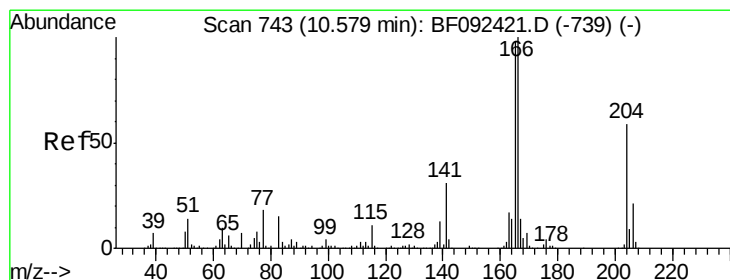
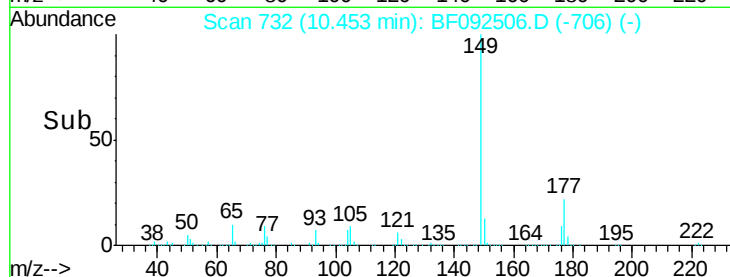
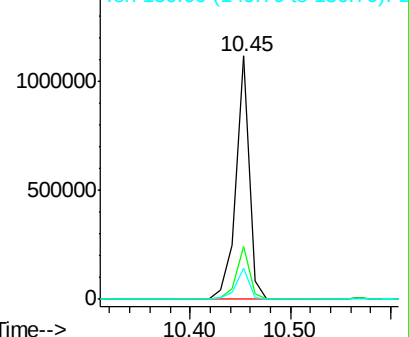
150 12.8 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.40 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

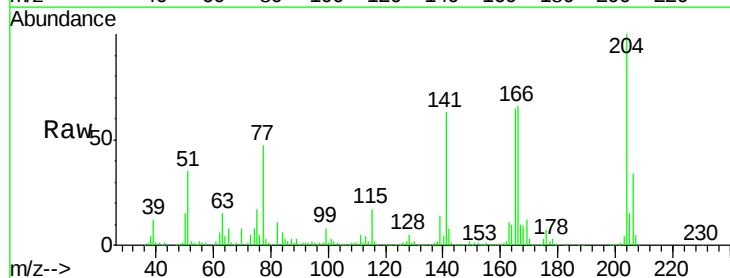
Tgt Ion:204 Resp: 409318

Ion Ratio Lower Upper

204 100

206 34.2 25.8 38.6

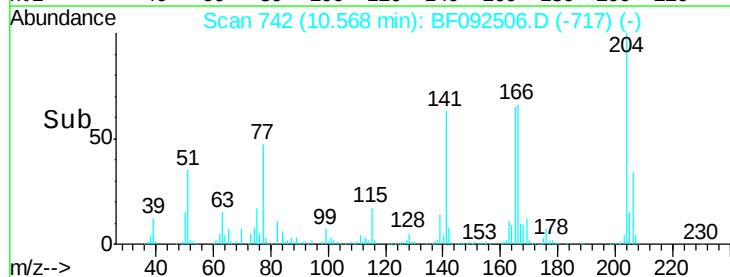
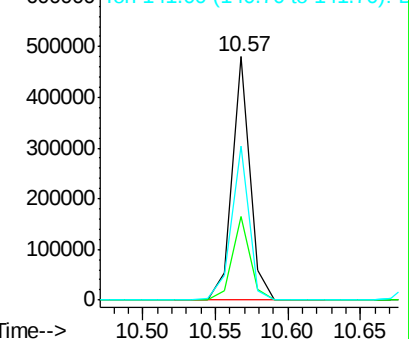
141 63.3 59.4 89.0

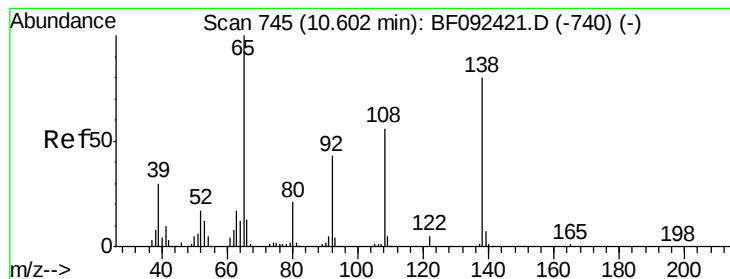


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 47.34 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampled :

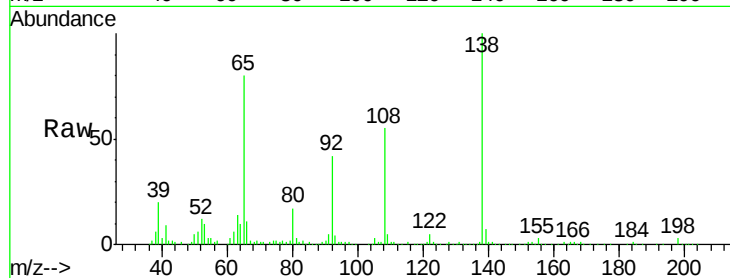
Tot Ion:138 Resp: 258793

Ion Ratio Lower Upper

138 100

92 41.5 31.7 71.7

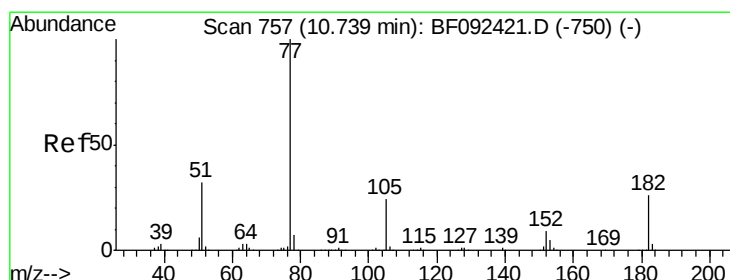
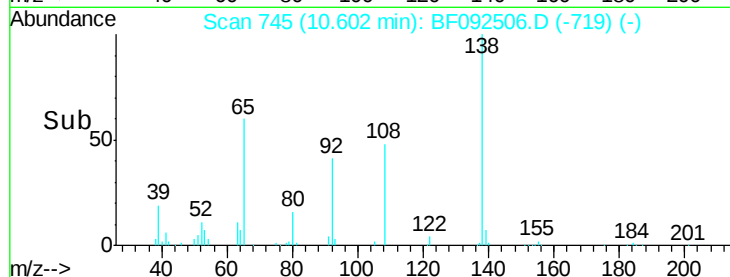
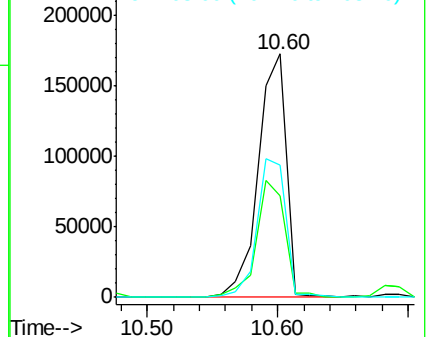
108 54.5 52.6 92.6



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: 49.10 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Tgt Ion: 77 Resp: 1143808

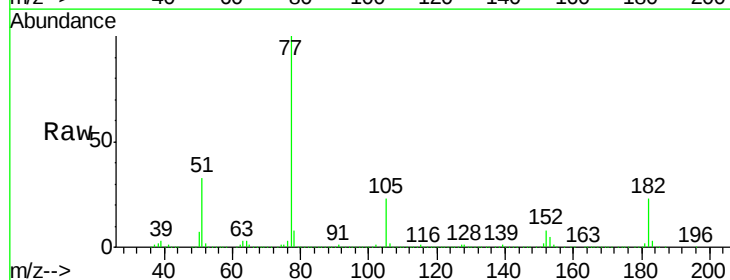
Ion Ratio Lower Upper

77 100

182 22.9 0.0 39.3

105 23.1 2.3 42.3

51 32.9 8.9 48.9

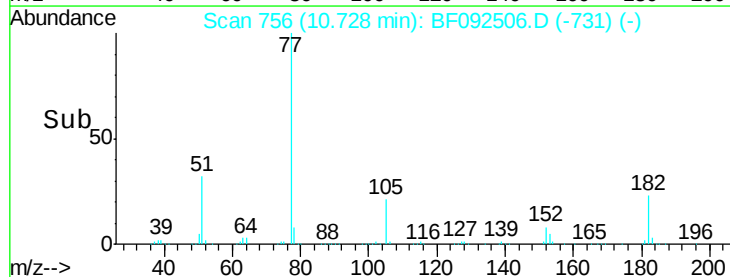
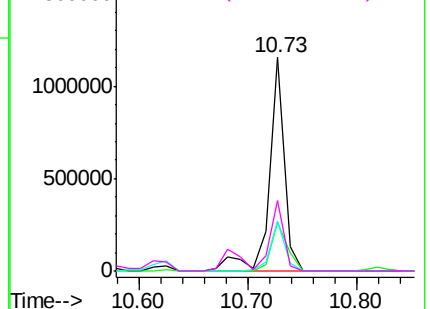


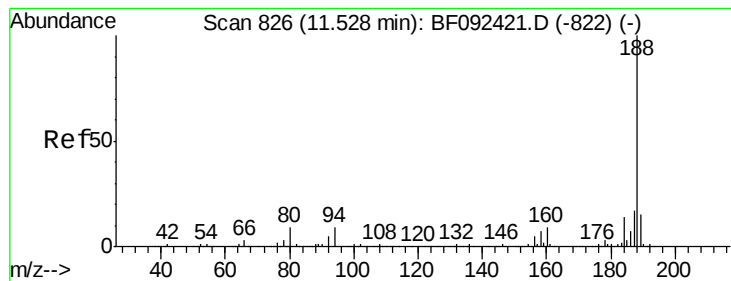
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

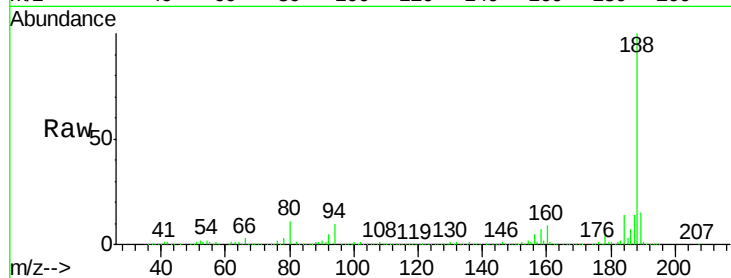
Tot Ion:188 Resp: 575132

Ion Ratio Lower Upper

188 100

94 9.5 10.0 15.0#

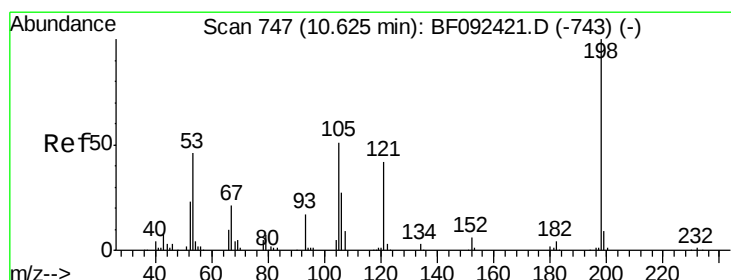
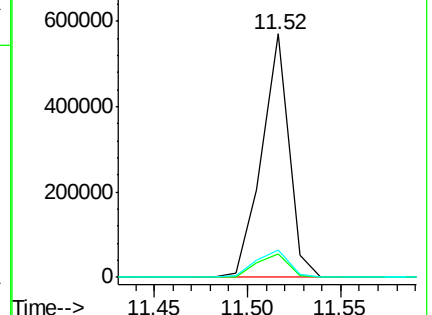
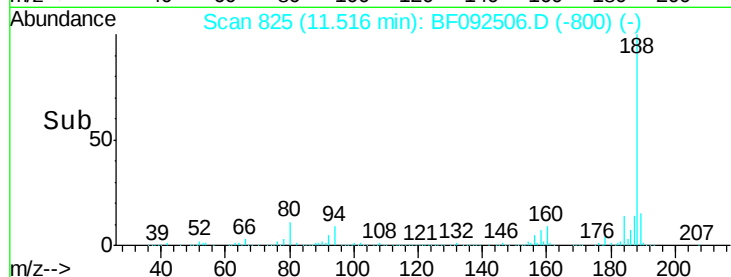
80 11.2 11.2 16.8#



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: 49.50 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

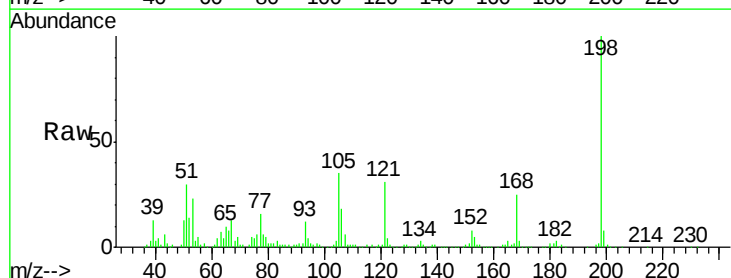
Tgt Ion:198 Resp: 153930

Ion Ratio Lower Upper

198 100

51 30.4 6.7 46.7

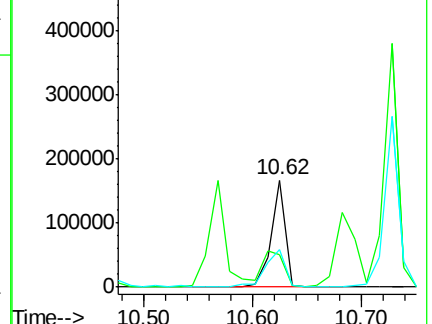
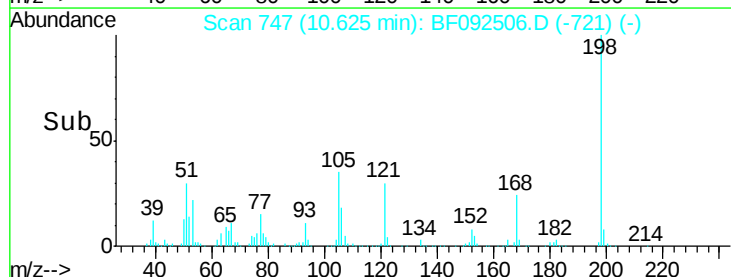
105 35.1 16.6 56.6

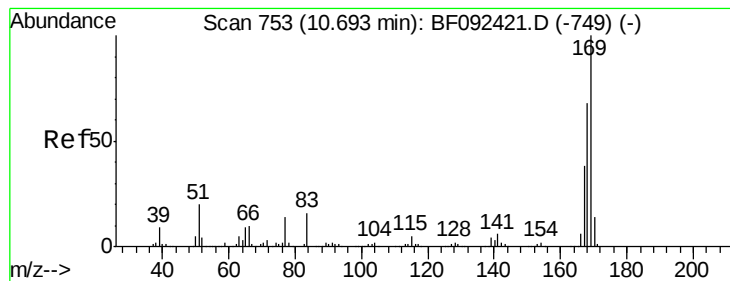


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 51.10 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

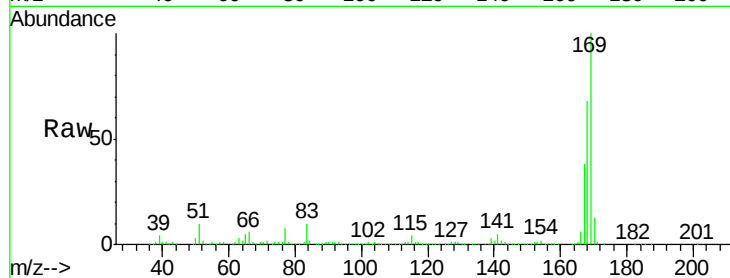
Tot Ion:169 Resp: 917819

Ion Ratio Lower Upper

169 100

168 67.9 54.2 81.2

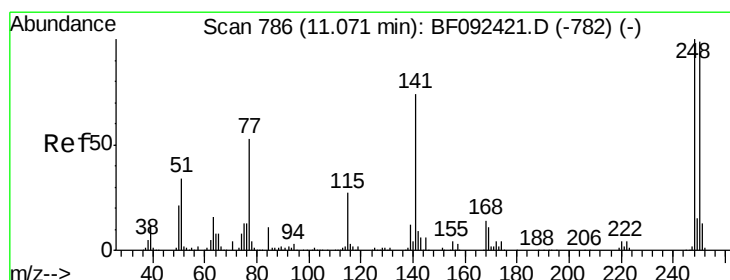
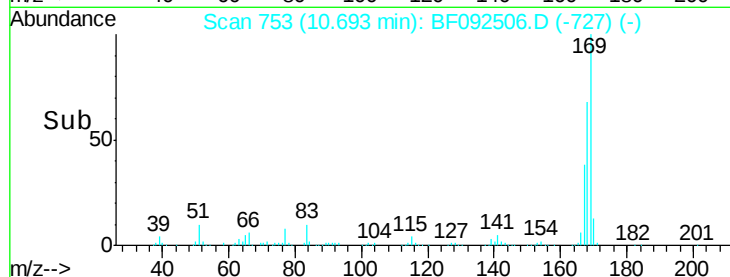
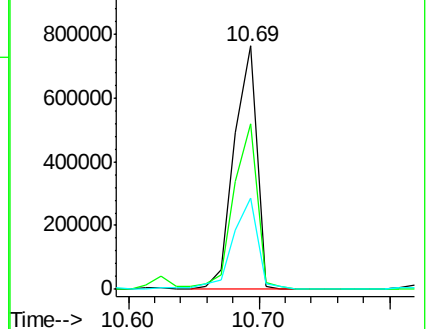
167 37.5 30.2 45.4



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: 44.76 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

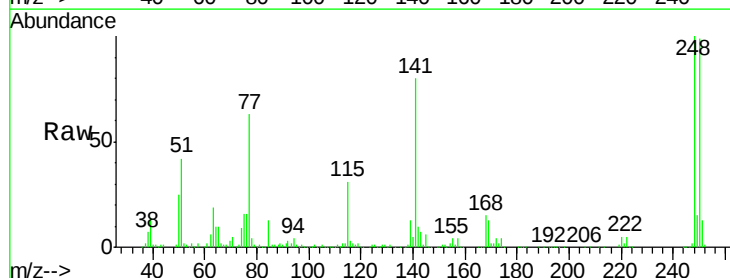
Tgt Ion:248 Resp: 259899

Ion Ratio Lower Upper

248 100

250 99.2 76.9 115.3

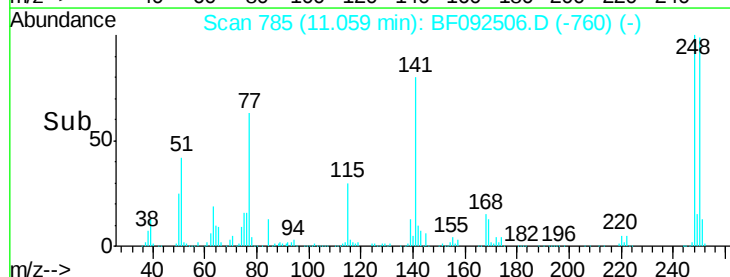
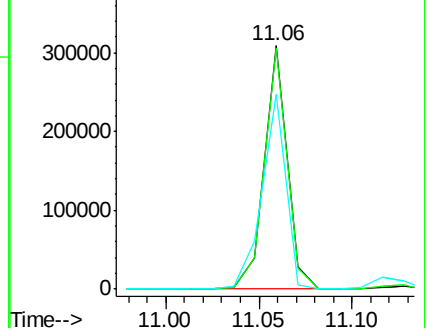
141 80.2 68.2 102.4

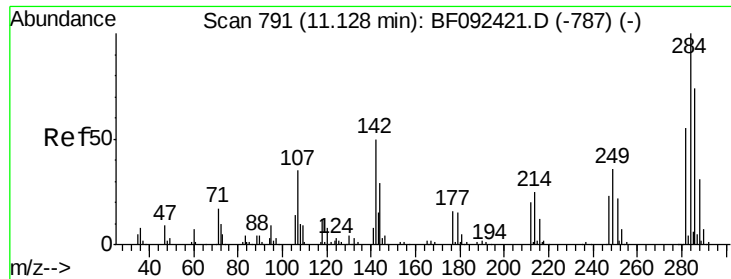


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

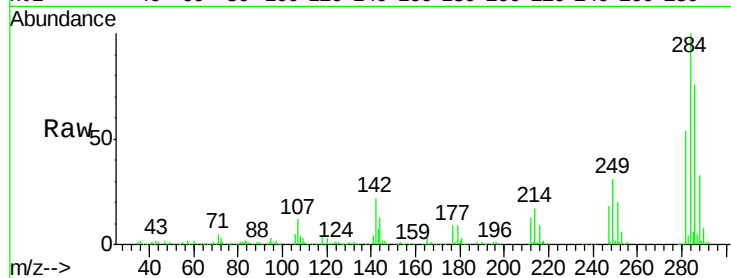




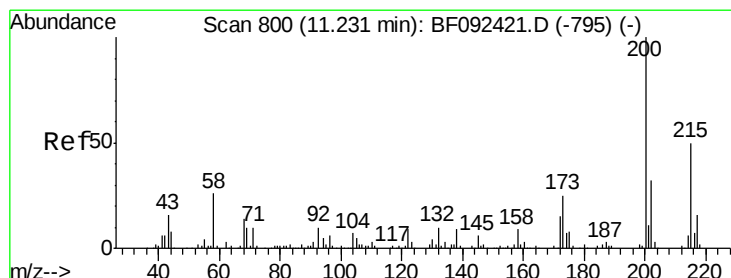
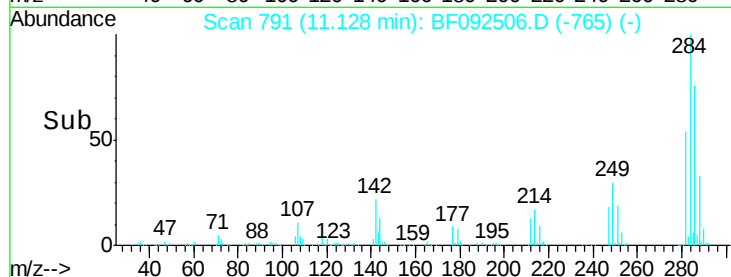
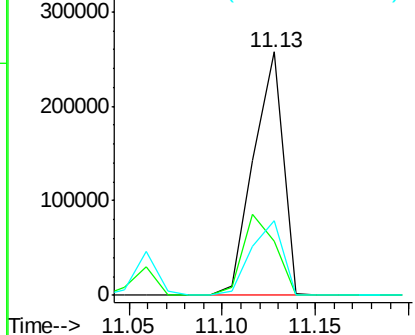
#67
Hexachlorobenzene
Concen: 48.09 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	22.1	22.6	33.8#
249	30.5	25.4	38.0

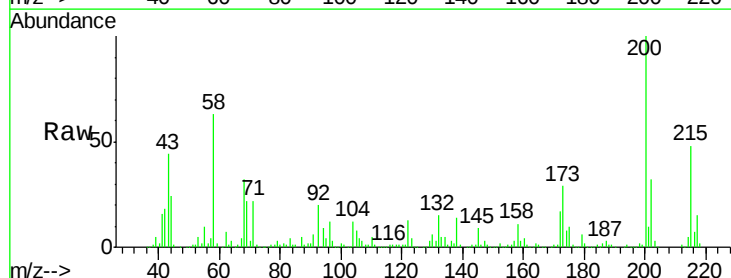


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

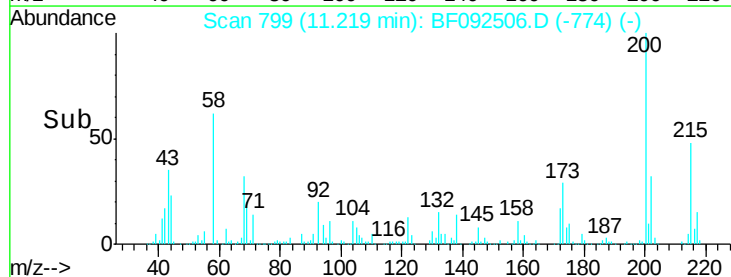
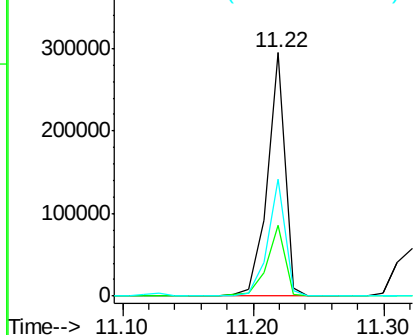


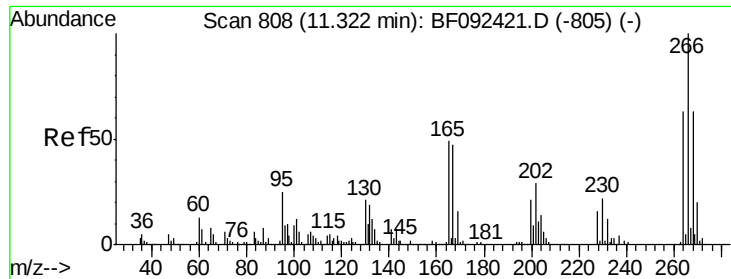
#68
Atrazine
Concen: 45.47 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.9	9.6	49.6
215	48.0	25.7	65.7



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

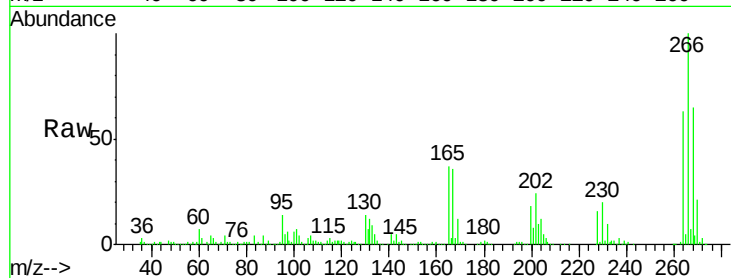




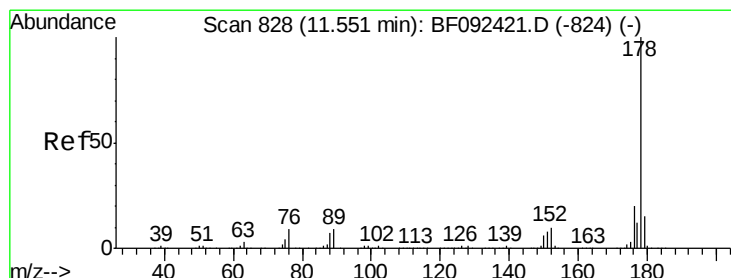
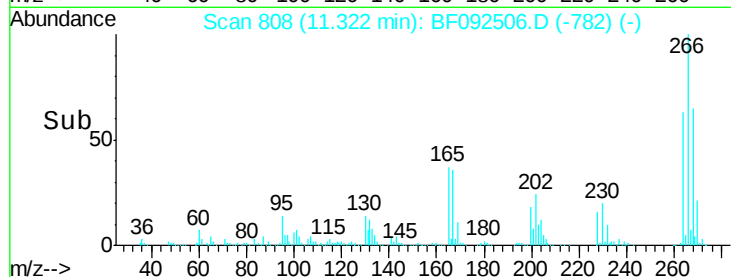
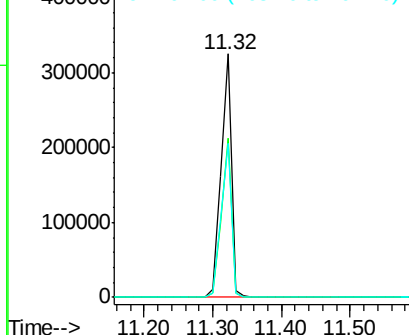
#69
 Pentachlorophenol
 Concen: 94.14 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 353281
 Ion Ratio Lower Upper
 266 100
 268 65.2 53.3 79.9
 264 63.1 50.3 75.5

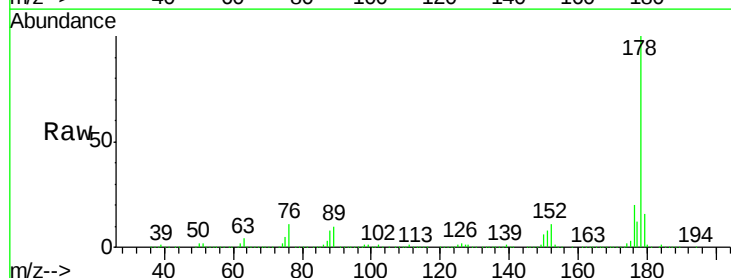


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

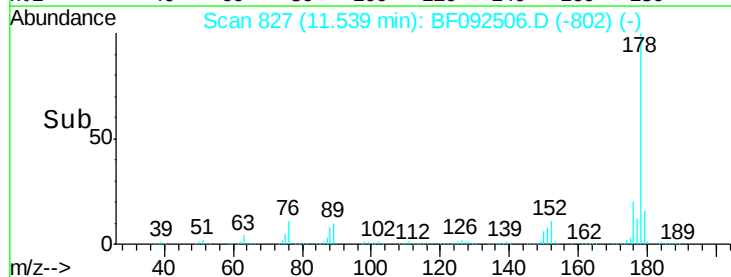
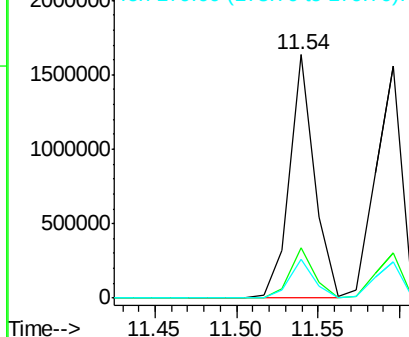


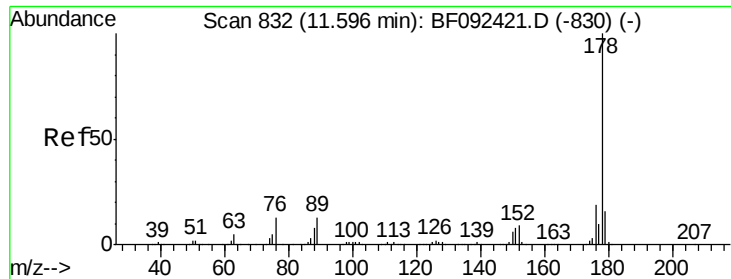
#70
 Phenanthrene
 Concen: 54.87 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

Tgt Ion:178 Resp: 1737976
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.6 25.0
 179 16.1 12.8 19.2



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

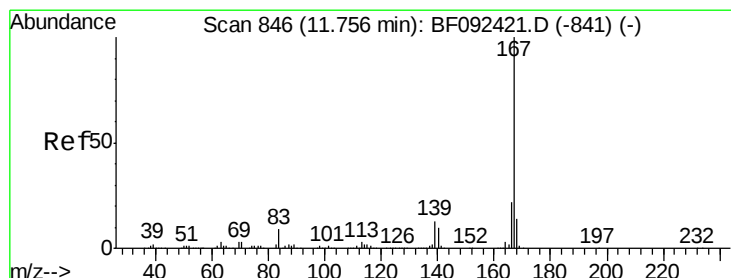
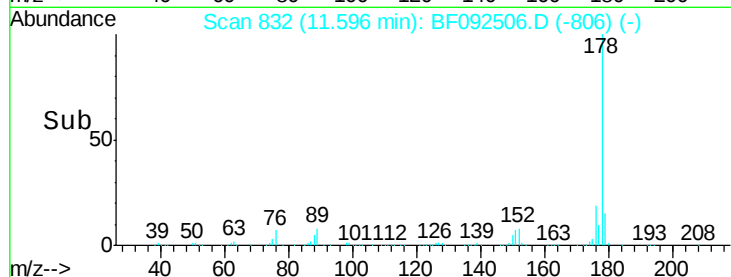
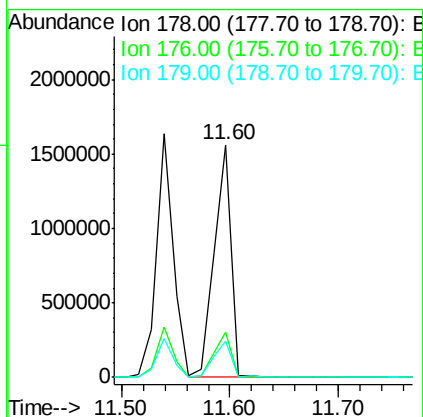
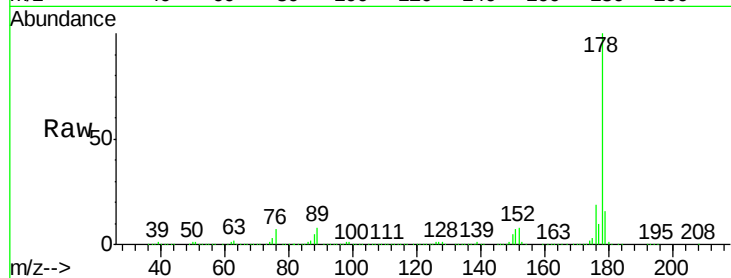




#71
 Anthracene
 Concen: 55.05 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

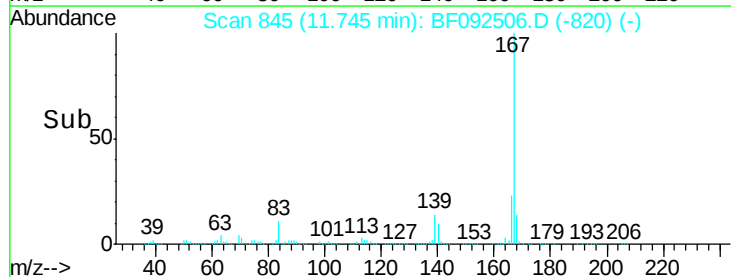
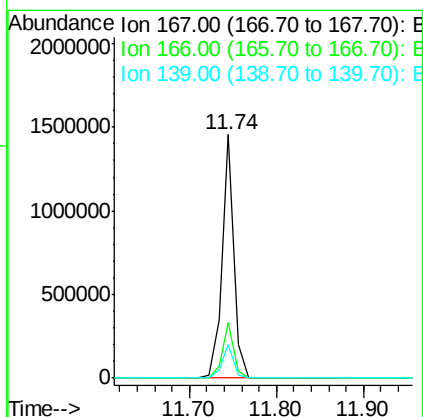
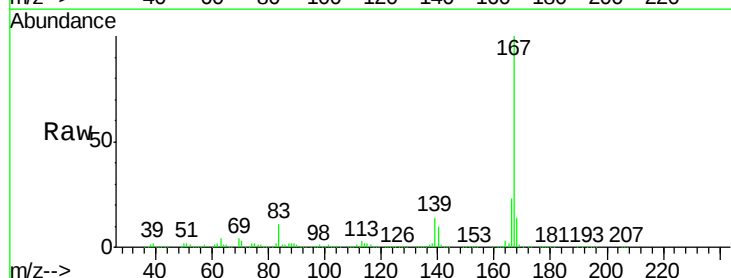
Instrument :
 BNA_F
 ClientSampled :

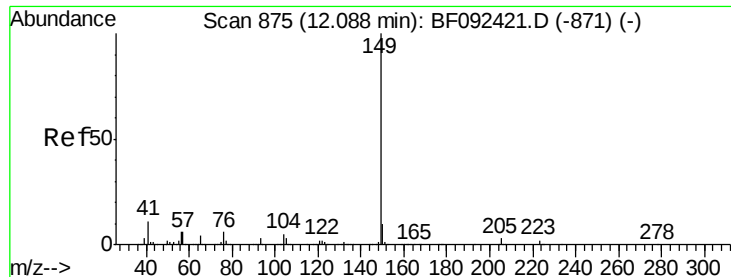
Tot Ion:178 Resp: 1703950
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.5 13.2 19.8



#72
 Carbazole
 Concen: 47.24 ng
 RT: 11.74 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

Tgt Ion:167 Resp: 1396171
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 13.6 11.4 17.2





#73

Di-n-butylphthalate

Concen: 46.28 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

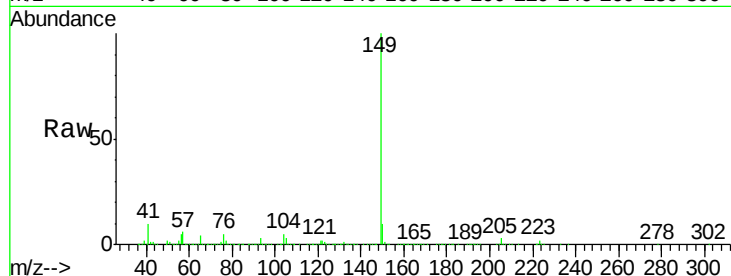
Tot Ion:149 Resp: 1564058

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

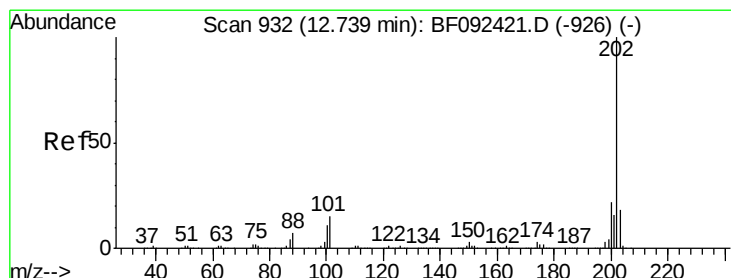
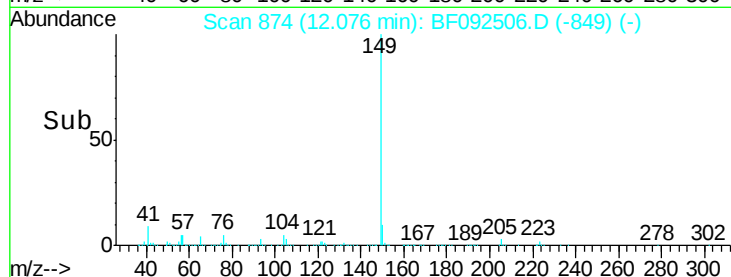
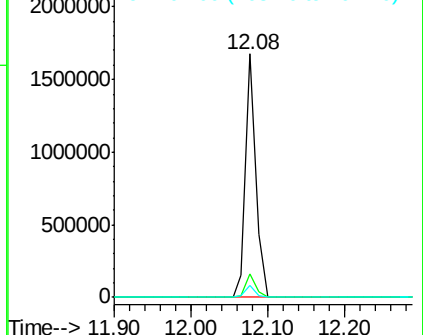
104 4.8 4.6 7.0



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: 49.99 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

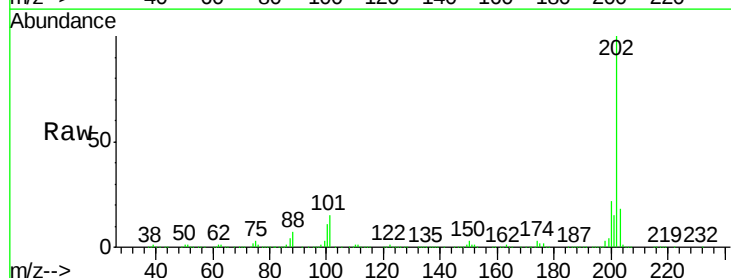
Tgt Ion:202 Resp: 1548839

Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.6

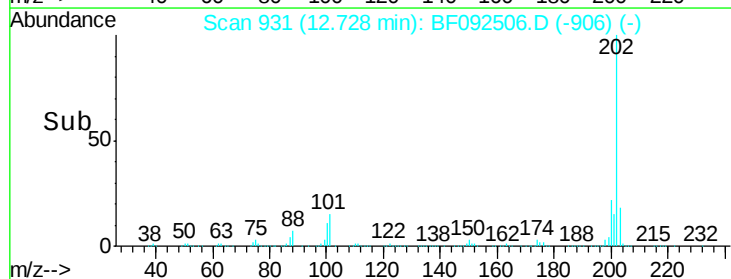
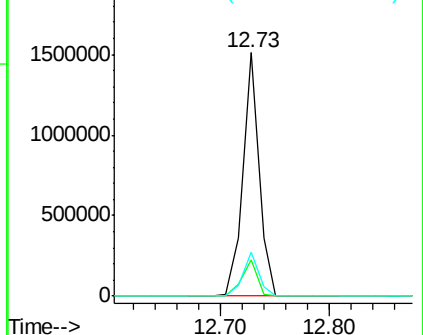
203 18.3 0.0 38.7

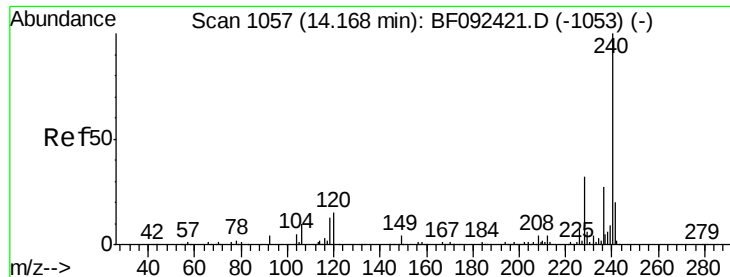


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

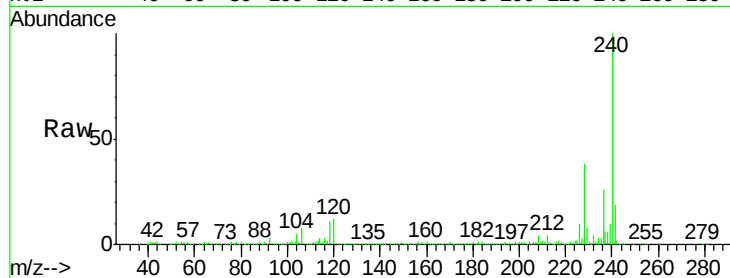
Tot Ion:240 Resp: 407418

Ion Ratio Lower Upper

240 100

120 12.1 12.9 19.3#

236 25.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

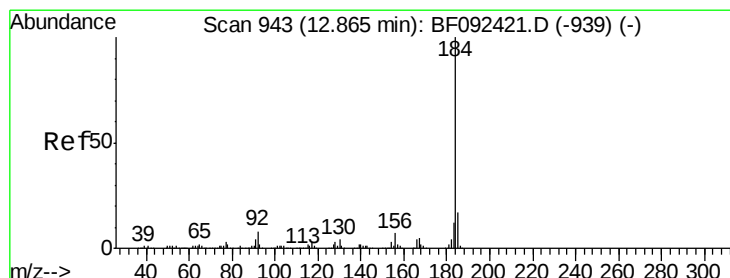
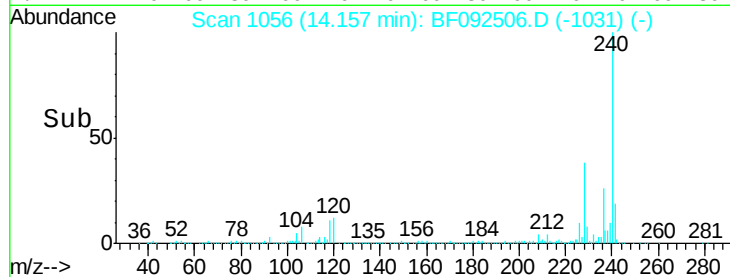
14.16

400000

200000

0

Time-->



#76

Benzidine

Concen: 25.55 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

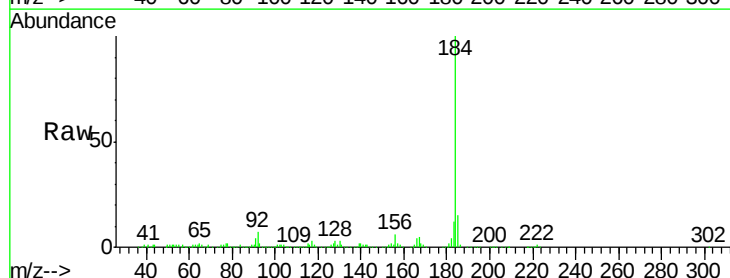
Tgt Ion:184 Resp: 386418

Ion Ratio Lower Upper

184 100

185 14.8 13.4 20.0

183 11.6 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.85

400000

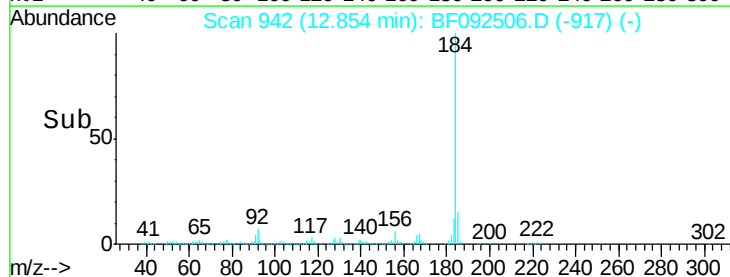
300000

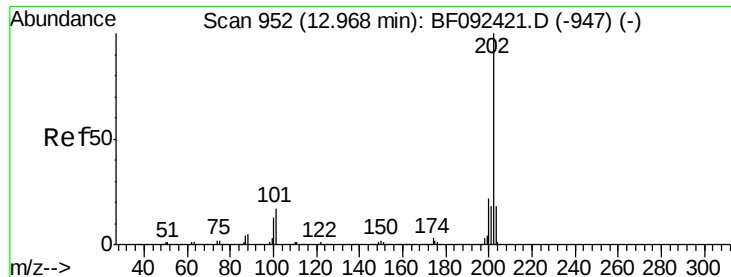
200000

100000

0

Time-->





#77

Pvrene

Concen: 54.76 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

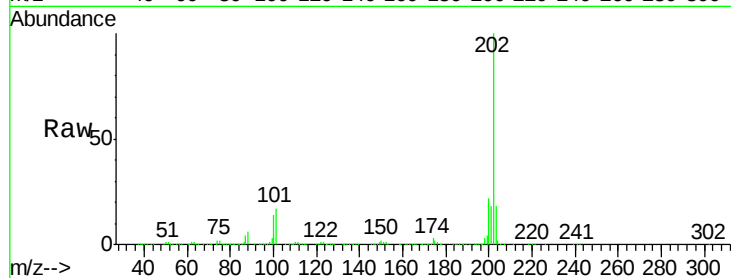
Tot Ion:202 Resp: 1616575

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

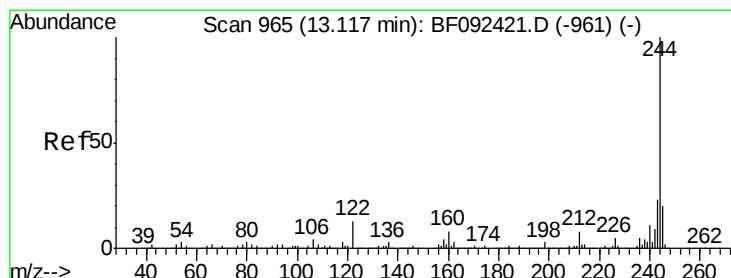
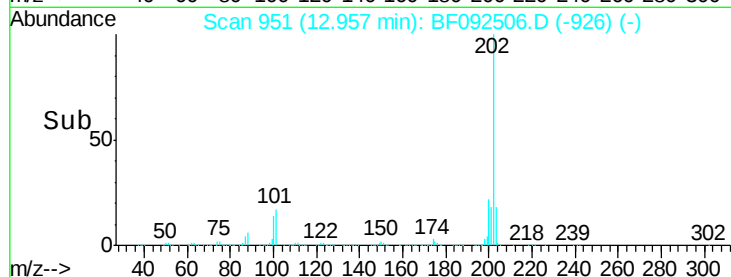
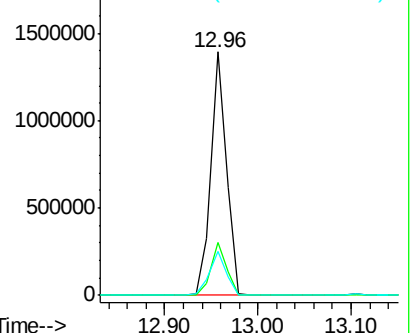
203 18.2 14.7 22.1



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: 93.86 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

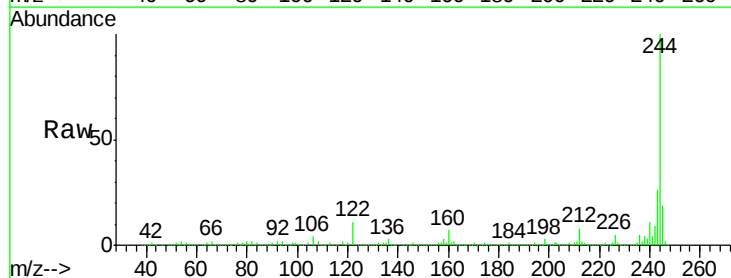
Tgt Ion:244 Resp: 1436136

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

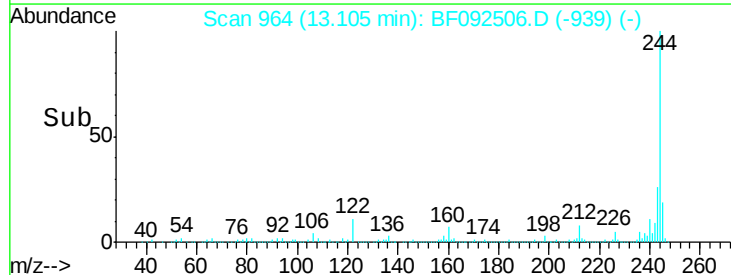
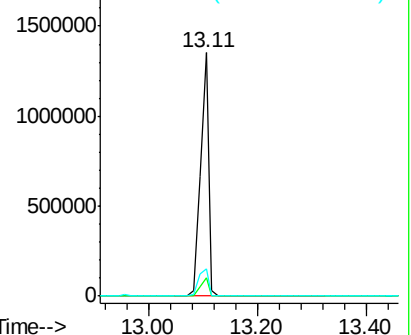
122 11.1 11.4 17.2#

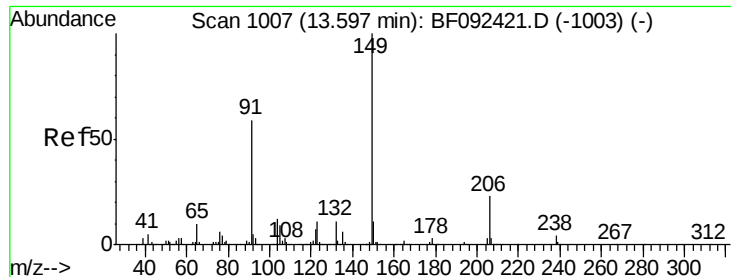


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

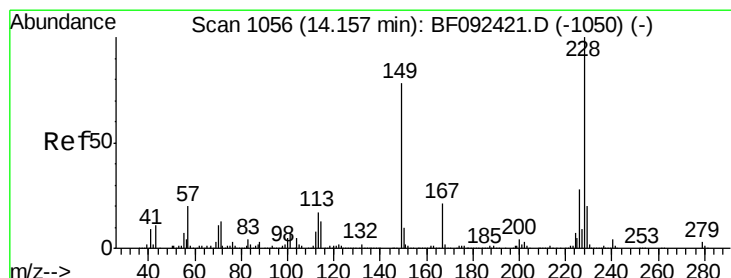
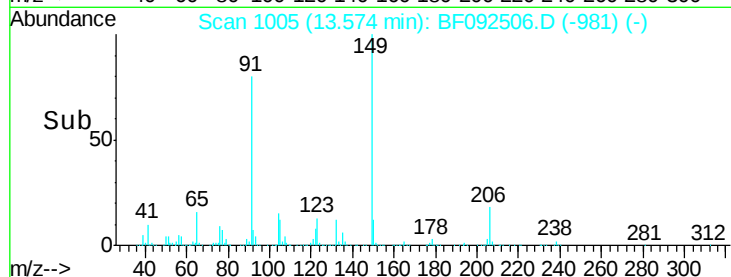
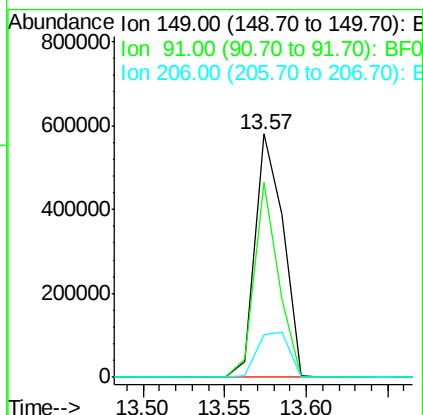
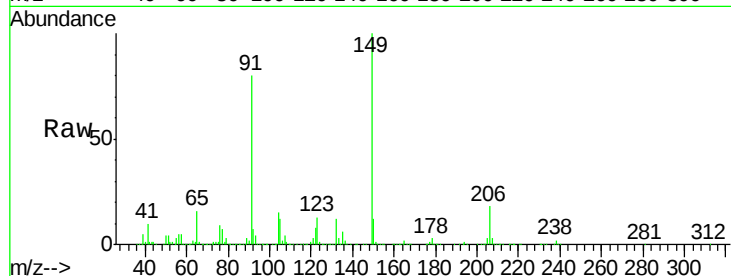




#79
Butylbenzylphthalate
Concen: 57.78 ng
RT: 13.57 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

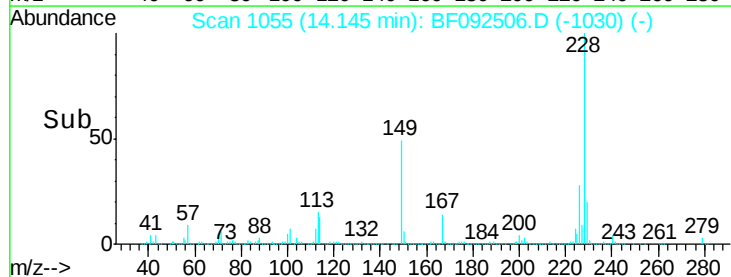
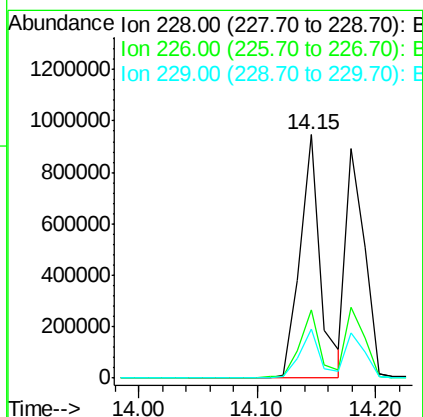
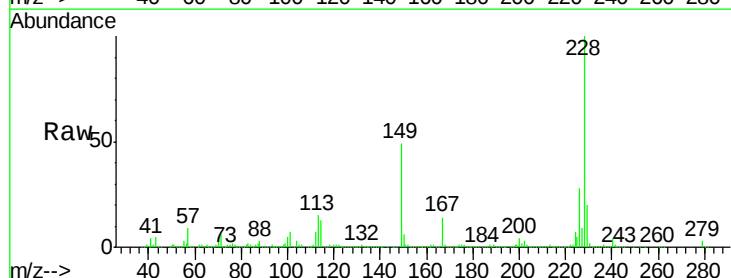
Instrument :
BNA_F
ClientSampleId :

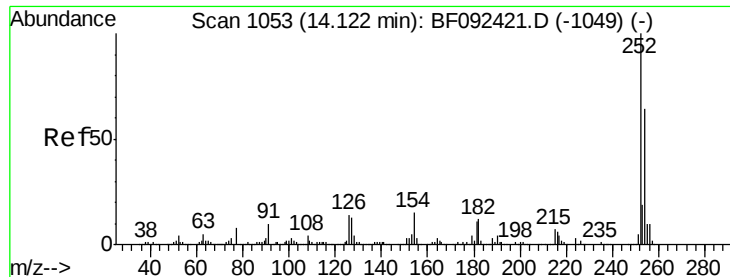
Tot Ion:149 Resp: 691002
Ion Ratio Lower Upper
149 100
91 80.2 63.9 95.9
206 17.5 14.6 21.8



#80
Benzo(a)anthracene
Concen: 51.39 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Tgt Ion:228 Resp: 1125161
Ion Ratio Lower Upper
228 100
226 27.9 22.4 33.6
229 20.2 16.2 24.4

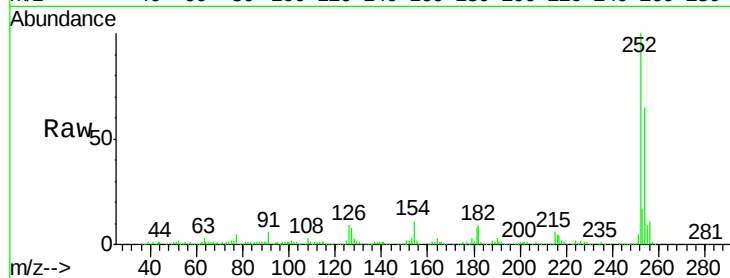




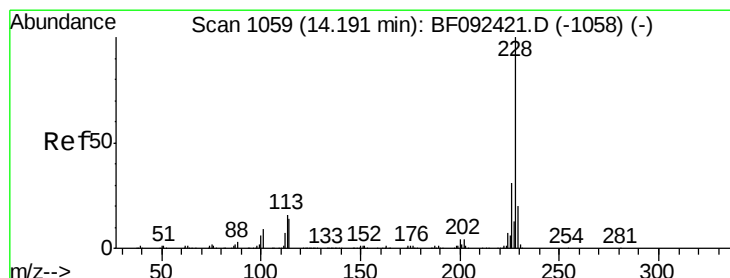
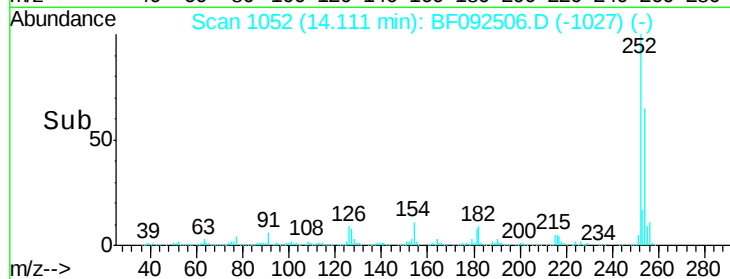
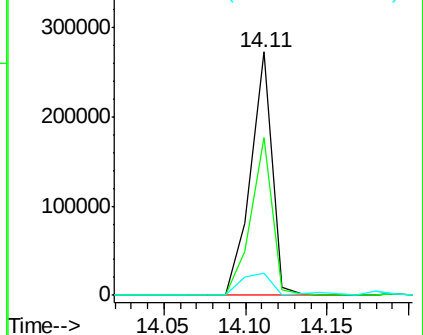
#81
 3,3'-Dichlorobenzidine
 Concen: 30.25 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 251447
 Ion Ratio Lower Upper
 252 100
 254 64.8 52.3 78.5
 126 9.2 13.6 20.4#

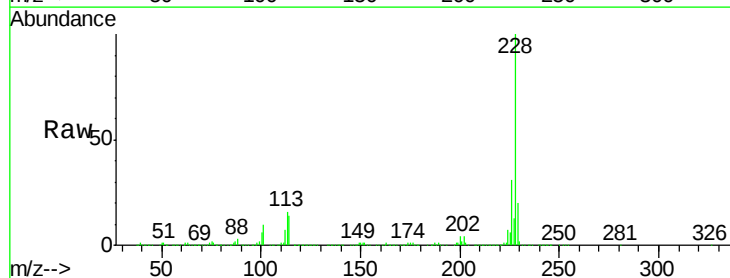


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

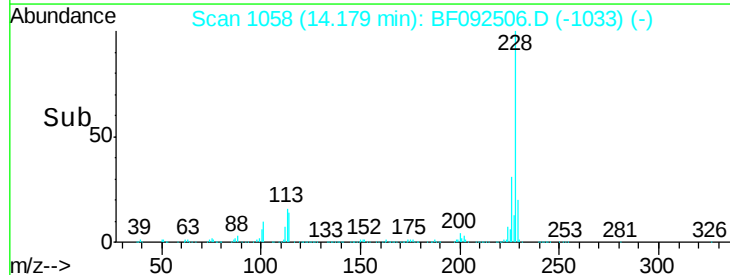
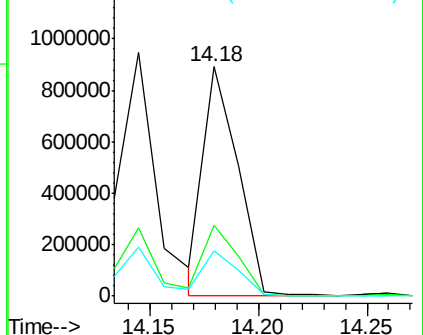


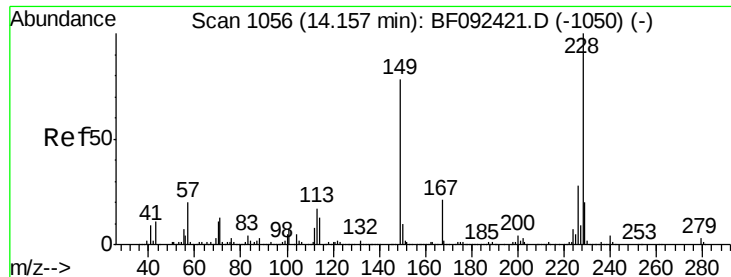
#82
 Chrysene
 Concen: 41.38 ng
 RT: 14.18 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

Tgt Ion:228 Resp: 967670
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.4 38.0
 229 19.9 16.2 24.2



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: 55.50 ng

RT: 14.13 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

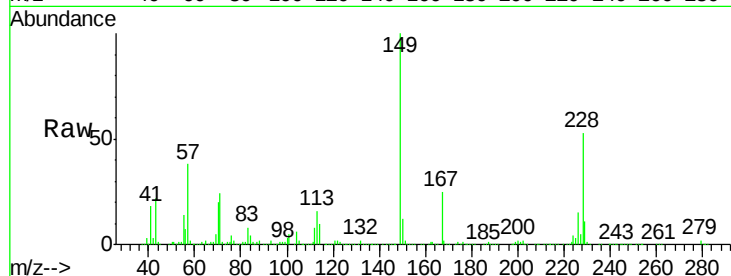
Tot Ion:149 Resp: 835961

Ion Ratio Lower Upper

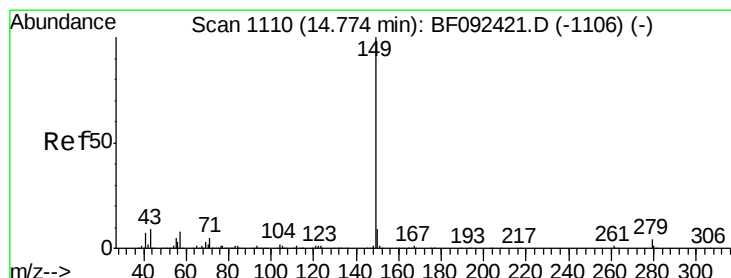
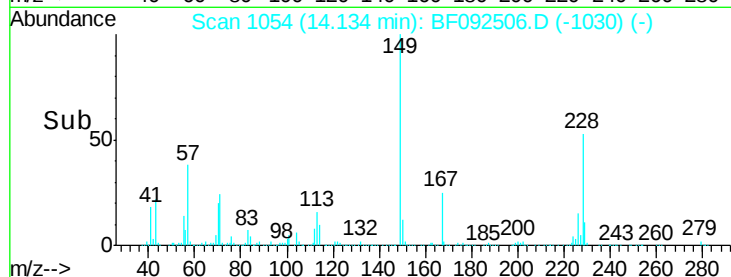
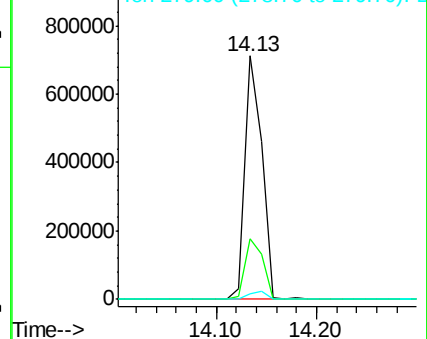
149 100

167 25.0 20.2 30.4

279 2.1 1.8 2.8



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



#84

Di-n-octyl phthalate

Concen: 53.96 ng

RT: 14.75 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

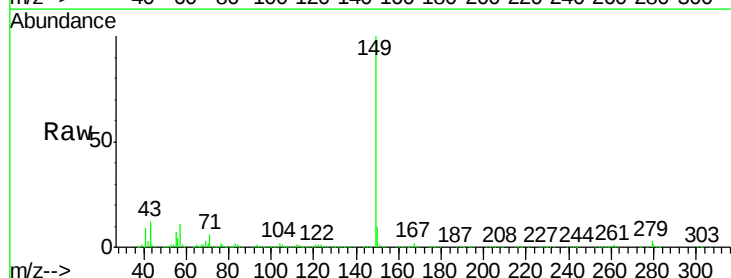
Tgt Ion:149 Resp: 1475278

Ion Ratio Lower Upper

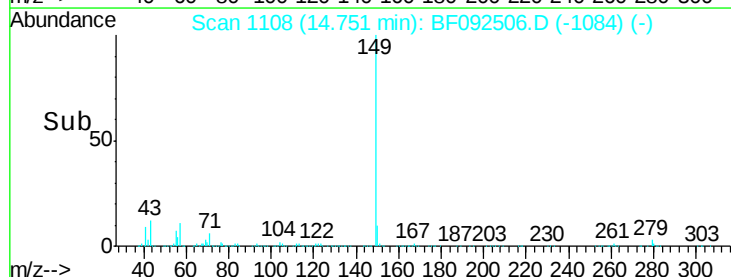
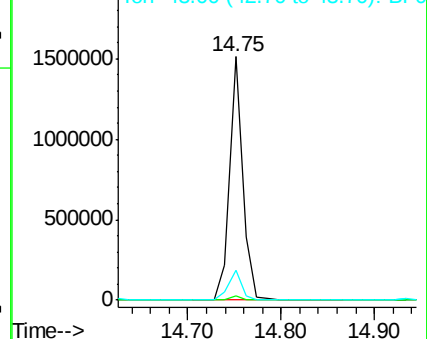
149 100

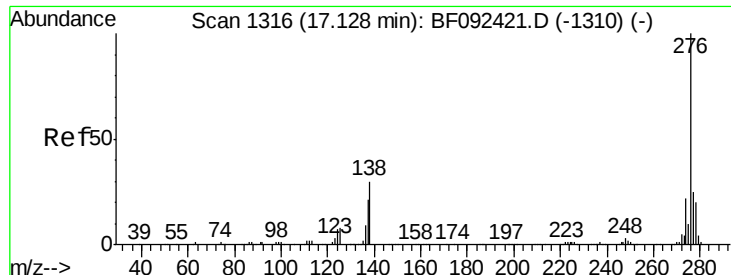
167 1.6 1.3 1.9

43 12.0 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

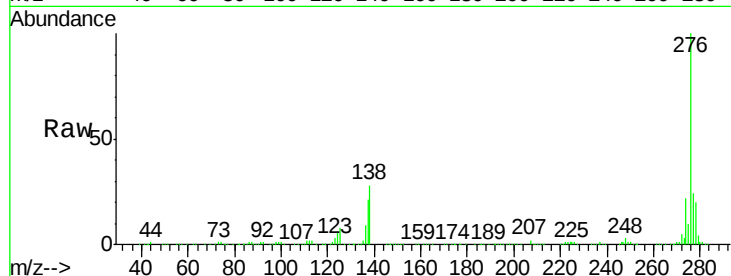




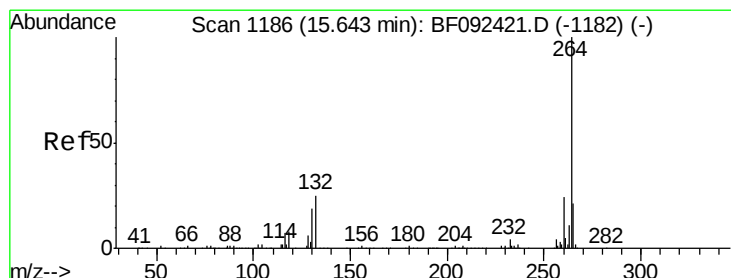
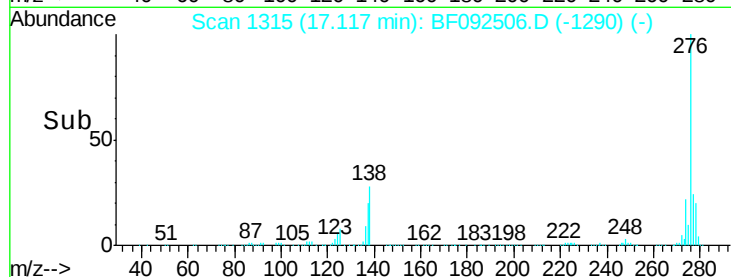
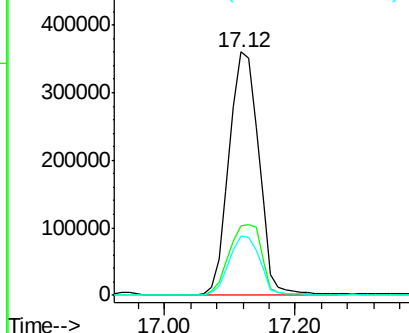
#85
Indeno(1,2,3-cd)pyrene
Concen: 66.02 ng
RT: 17.12 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 1142231
Ion Ratio Lower Upper
276 100
138 31.9 21.8 32.6
277 25.1 20.2 30.4

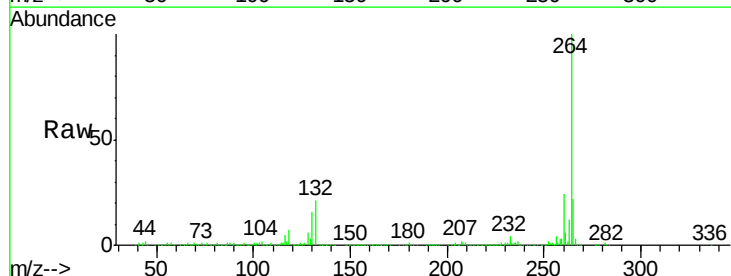


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

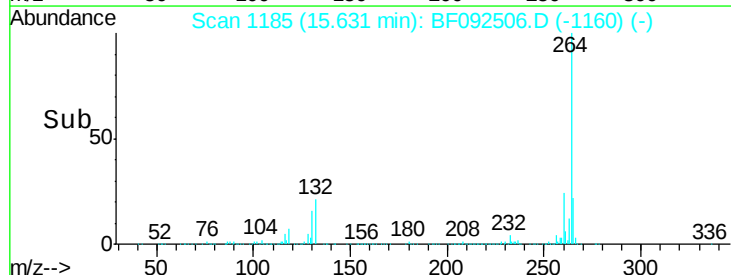
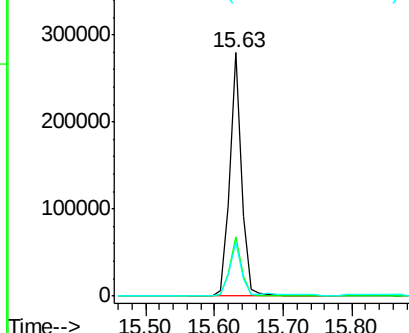


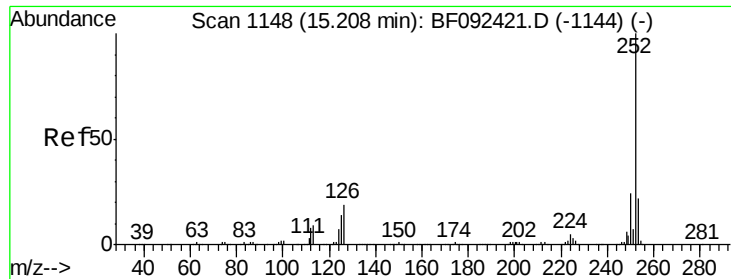
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Tgt Ion:264 Resp: 344117
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 22.0 17.4 26.0



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

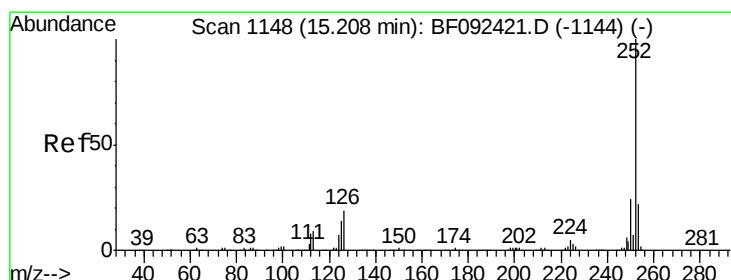
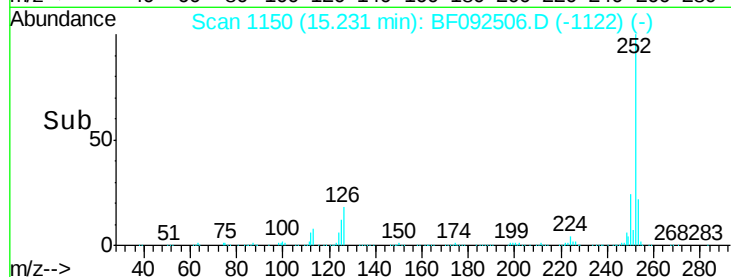
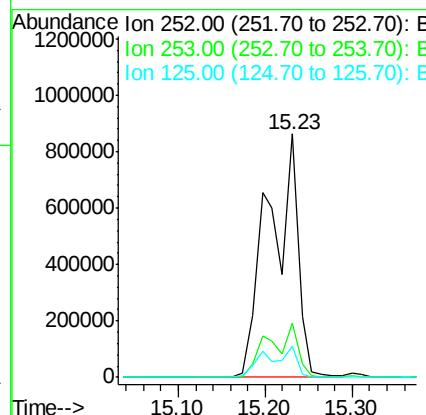
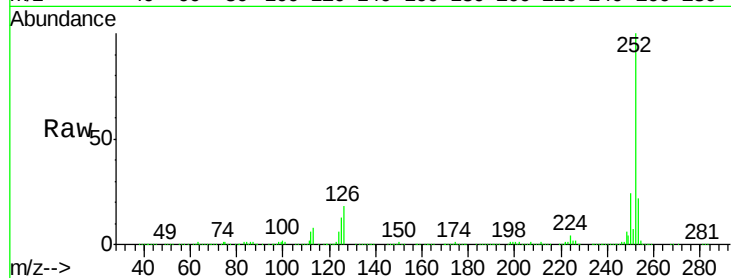




#87
Benzo(b)fluoranthene
Concen: 92.25 ng
RT: 15.23 min Scan# 1150
Delta R.T. 0.02 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

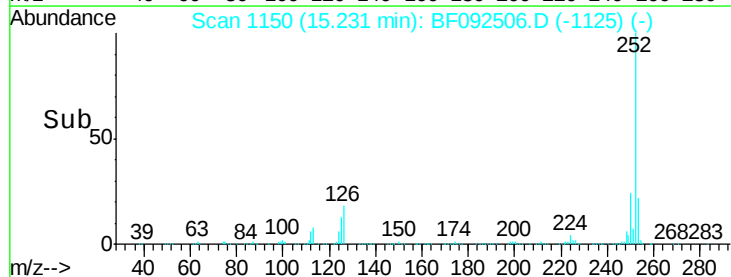
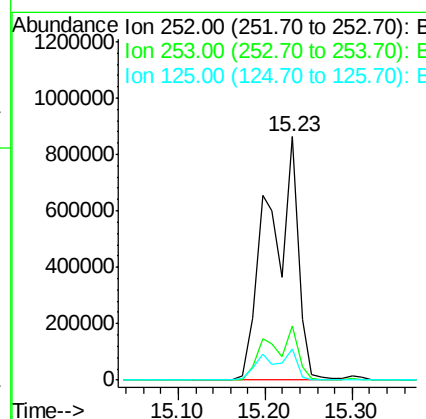
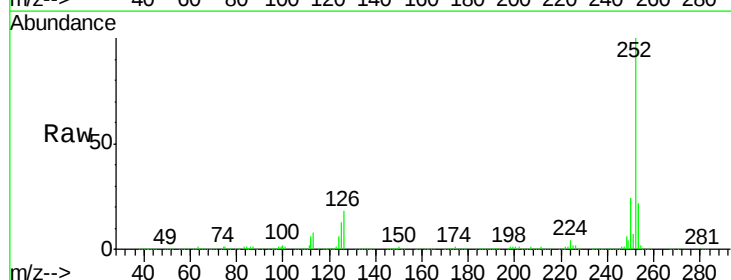
Instrument :
BNA_F
ClientSampled :

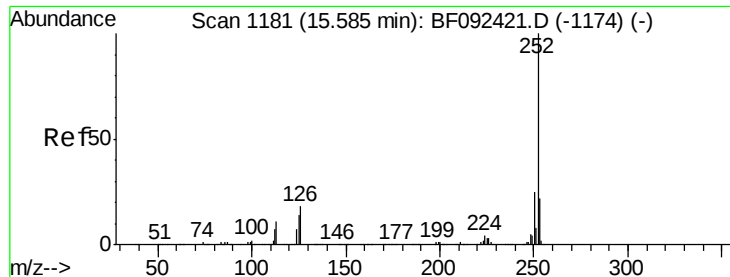
Tot Ion:252 Resp: 2037895
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 12.6 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 110.94 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Tgt Ion:252 Resp: 2037895
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 12.6 8.9 13.3





#89

Benzo(a)pyrene

Concen: 53.21 ng

RT: 15.57 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

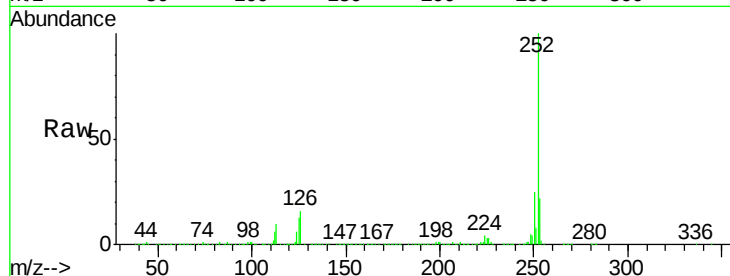
Tot Ion:252 Resp: 994387

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

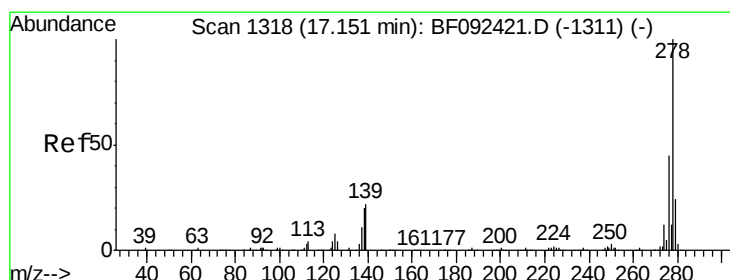
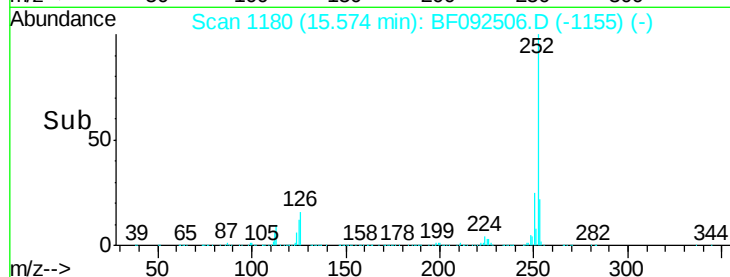
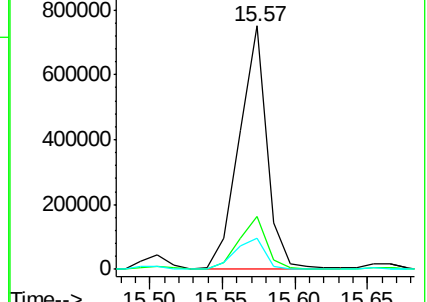
125 12.5 10.0 15.0



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: 61.63 ng

RT: 17.14 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

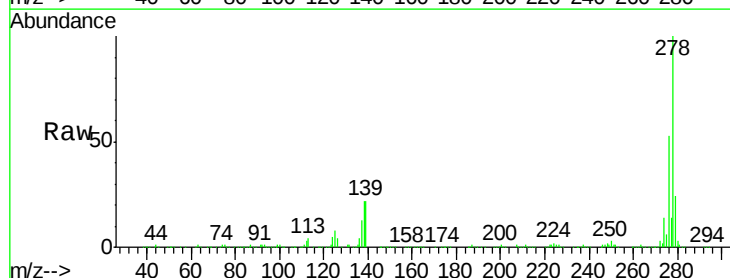
Tgt Ion:278 Resp: 931319

Ion Ratio Lower Upper

278 100

139 22.2 14.8 22.2

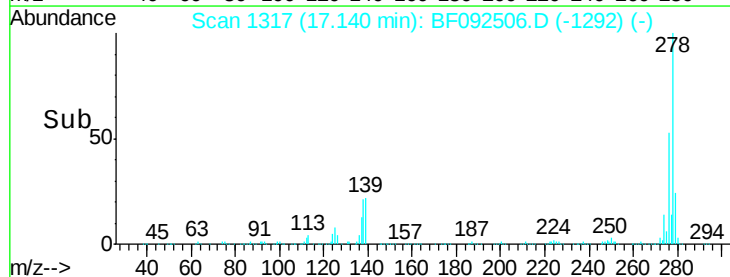
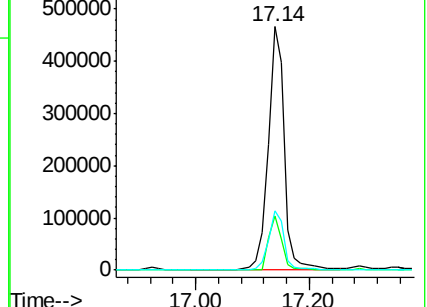
279 24.1 19.8 29.6

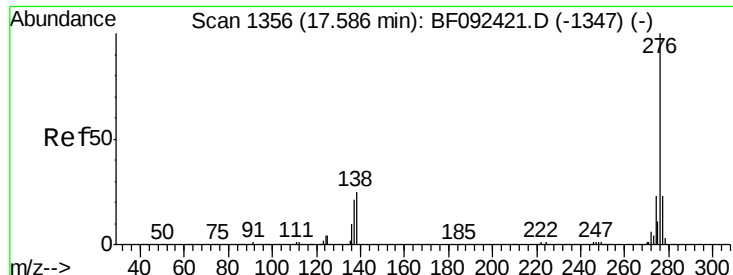


Abundance Ion 278.00 (277.70 to 278.70): E

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: 64.68 ng

RT: 17.57 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

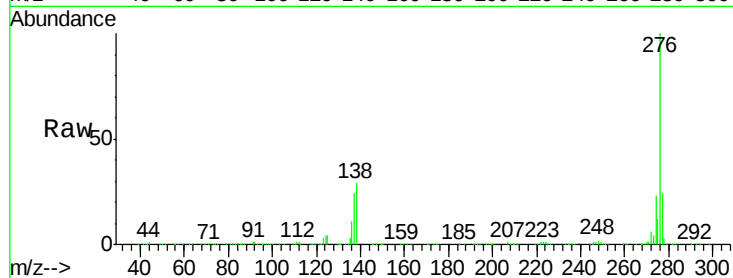
Tot Ion:276 Resp: 988514

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 29.1 16.0 24.0#



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

