

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
 Data File : BF094641.D
 Acq On : 26 Apr 2017 12:43
 Operator : SJ/MA
 Sample : PB98542BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 01:20:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	129157	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	520581	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	240162	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	436708	20.00	ng	-0.01
75) Chrysene-d12	14.46	240	361604	20.00	ng	0.00
86) Perylene-d12	16.08	264	274873	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	981965	126.14	ng	0.00
7) Phenol-d6	5.39	99	1188691	129.52	ng	0.00
23) Nitrobenzene-d5	6.41	82	755227	89.58	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	273026	145.34	ng	0.00
44) 2-Fluorobiphenyl	8.57	172	1386095	84.92	ng	-0.01
78) Terphenyl-d14	13.19	244	1287947	95.20	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.11	88	117400	25.93	ng	95
3) Pyridine	2.64	79	359564	36.34	ng	98
4) n-Nitrosodimethylamine	2.58	42	159587	38.98	ng	89
6) Aniline	5.39	93	437949	35.91	ng	# 88
8) 2-Chlorophenol	5.53	128	382281	43.15	ng	96
9) Benzaldehyde	5.25	77	95153	13.63	ng	97
10) Phenol	5.41	94	471050	41.78	ng	88
11) bis(2-Chloroethyl)ether	5.47	93	349235	42.40	ng	99
12) 1,3-Dichlorobenzene	5.69	146	396201	40.37	ng	100
13) 1,4-Dichlorobenzene	5.78	146	403291	40.84	ng	96
14) 1,2-Dichlorobenzene	5.95	146	373837	41.10	ng	97
15) Benzyl Alcohol	5.94	79	290417	42.66	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.09	45	461516	42.74	ng	69
17) 2-Methylphenol	6.08	107	307862	44.13	ng	# 93
18) Hexachloroethane	6.34	117	141533	41.81	ng	# 86
19) n-Nitroso-di-n-propylamine	6.25	70	272918	44.88	ng	96
20) 3+4-Methylphenols	6.27	107	428210	45.17	ng	# 62
22) Acetophenone	6.23	105	546136	43.15	ng	# 85
24) Nitrobenzene	6.43	77	379534	42.75	ng	94
25) Isophorone	6.72	82	702353	44.94	ng	# 94
26) 2-Nitrophenol	6.80	139	216520	45.40	ng	95
27) 2,4-Dimethylphenol	6.88	122	345781	44.63	ng	98
28) bis(2-Chloroethoxy)methane	6.98	93	450847	44.60	ng	99
29) 2,4-Dichlorophenol	7.11	162	333307	46.25	ng	99
30) 1,2,4-Trichlorobenzene	7.19	180	316997	42.54	ng	97
31) Naphthalene	7.28	128	1055345	42.17	ng	100
32) Benzoic acid	7.02	122	32643	7.97	ng	93
33) 4-Chloroaniline	7.35	127	229419	22.04	ng	94
34) Hexachlorobutadiene	7.43	225	160904	43.31	ng	99
35) Caprolactam	7.83	113	48947	21.62	ng	89
36) 4-Chloro-3-methylphenol	7.98	107	347077	45.95	ng	89
37) 2-Methylnaphthalene	8.12	142	744092	43.46	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	291210	42.58	ng	99
40) Hexachlorocyclopentadiene	8.31	237	282432	102.09	ng	98

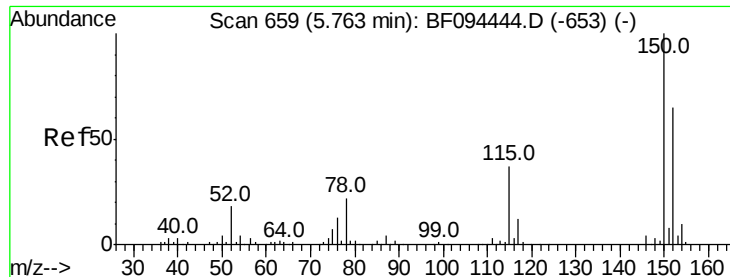
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
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 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	213626	44.48	nq	98
43) 2,4,5-Trichlorophenol	8.54	196	229126	46.46	nq	94
45) 1,1'-Biphenyl	8.69	154	842858	42.95	nq	98
46) 2-Chloronaphthalene	8.71	162	672692	43.12	nq	96
47) 2-Nitroaniline	8.85	65	202752	45.17	nq	# 83
48) Acenaphthylene	9.21	152	1041083	42.80	nq	99
49) Dimethylphthalate	9.09	163	847562	47.36	nq	99
50) 2,6-Dinitrotoluene	9.15	165	186404	46.40	nq	# 89
51) Acenaphthene	9.42	154	635817	43.65	nq	99
52) 3-Nitroaniline	9.36	138	131677	28.33	nq	85
53) 2,4-Dinitrophenol	9.50	184	79256	39.50	nq	# 66
54) Dibenzofuran	9.64	168	932952	44.06	nq	100
55) 4-Nitrophenol	9.64	139	625790	190.58	nq	# 36
56) 2,4-Dinitrotoluene	9.65	165	251277	50.98	nq	# 87
57) Fluorene	10.06	166	721939	43.79	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	175939	49.77	nq	94
59) Diethylphthalate	9.95	149	808934	47.90	nq	98
60) 4-Chlorophenyl-phenylether	10.07	204	311746	45.43	nq	95
61) 4-Nitroaniline	10.12	138	200809	42.50	nq	95
62) Azobenzene	10.27	77	762119	46.48	nq	94
64) 4,6-Dinitro-2-methylphenol	10.16	198	84730	29.61	nq	# 70
65) n-Nitrosodiphenylamine	10.22	169	680973	44.84	nq	97
66) 4-Bromophenyl-phenylether	10.67	248	200154	46.16	nq	98
67) Hexachlorobenzene	10.74	284	199354	45.62	nq	# 83
68) Atrazine	10.90	200	200229	44.07	nq	98
69) Pentachlorophenol	11.00	266	161165	92.88	nq	98
70) Phenanthrene	11.24	178	1096593	44.59	nq	99
71) Anthracene	11.30	178	1144026	44.97	nq	98
72) Carbazole	11.51	167	1068606	44.76	nq	97
73) Di-n-butylphthalate	11.96	149	1306237	49.69	nq	99
74) Fluoranthene	12.70	202	1150297	45.13	nq	99
76) Benzidine	12.88	184	509106	34.77	nq	# 93
77) Pyrene	12.98	202	1150894	45.56	nq	99
79) Butylbenzylphthalate	13.79	149	566534	51.17	nq	# 87
80) Benzo(a)anthracene	14.45	228	969625	46.13	nq	99
81) 3,3'-Dichlorobenzidine	14.42	252	193068	25.95	nq	# 95
82) Chrysene	14.49	228	861411	44.85	nq	99
83) Bis(2-ethylhexyl)phthalate	14.51	149	811812	54.61	nq	# 100
84) Di-n-octyl phthalate	15.27	149	1340089	53.74	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	705671	38.61	nq	99
87) Benzo(b)fluoranthene	15.68	252	837070	49.78	nq	98
88) Benzo(k)fluoranthene	15.68	252	837070	52.60	nq	96
89) Benzo(a)pyrene	16.03	252	718177	45.91	nq	99
90) Dibenzo(a,h)anthracene	17.38	278	585326	45.06	nq	97
91) Benzo(g,h,i)perylene	17.74	276	607388	45.93	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.75 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Instrument :

BNA_F

ClientSampled :

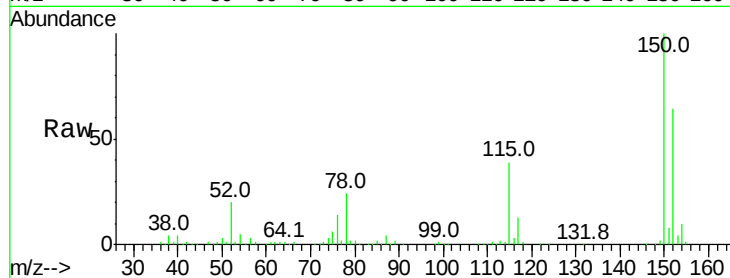
Tot Ion:152 Resp: 129157

Ion Ratio Lower Upper

152 100

150 155.5 126.2 189.2

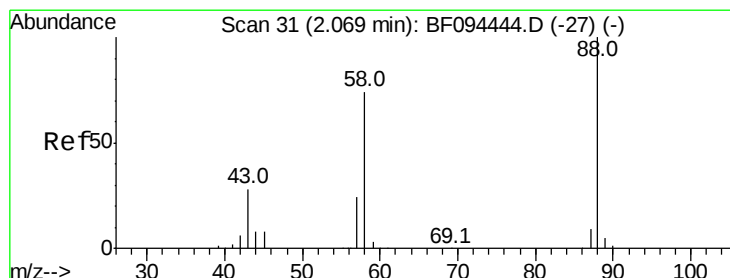
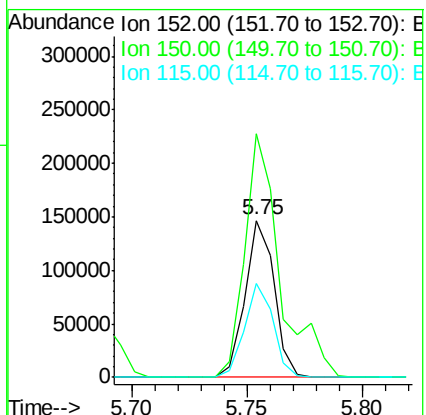
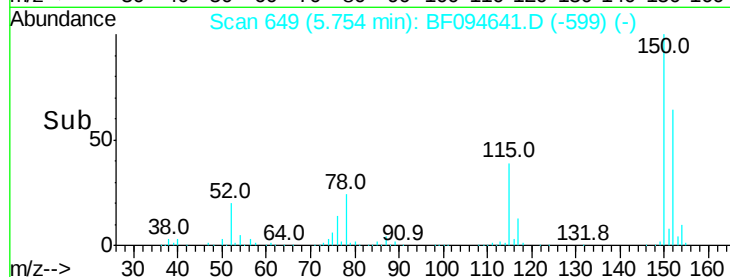
115 60.2 52.2 78.2



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: 25.93 ng

RT: 2.11 min Scan# 30

Delta R.T. 0.04 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

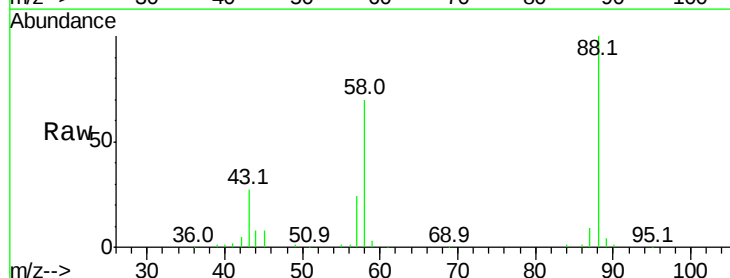
Tgt Ion: 88 Resp: 117400

Ion Ratio Lower Upper

88 100

58 72.0 61.4 92.0

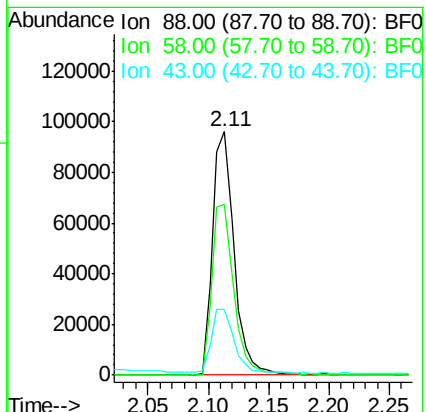
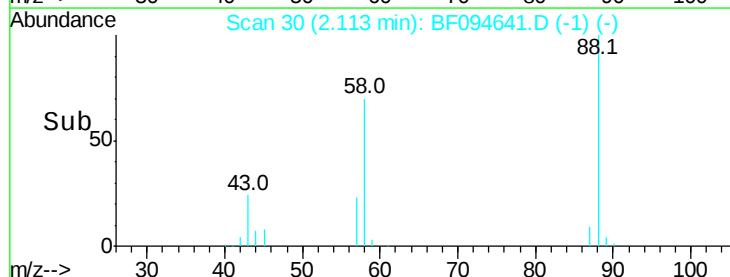
43 28.0 23.4 35.0

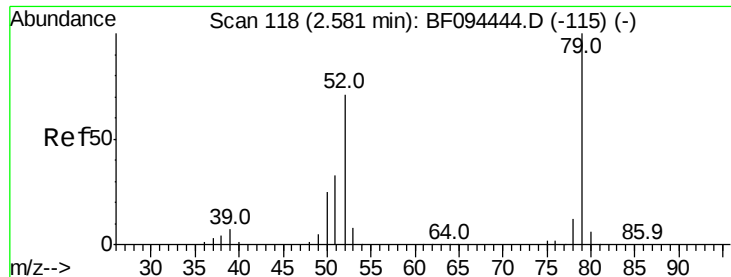


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.34 ng

RT: 2.64 min Scan# 120

Delta R.T. 0.06 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Instrument :

BNA_F

ClientSampled :

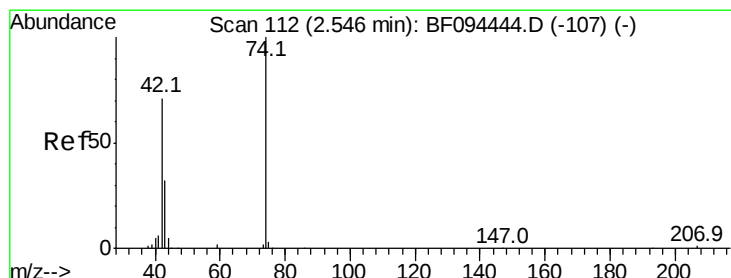
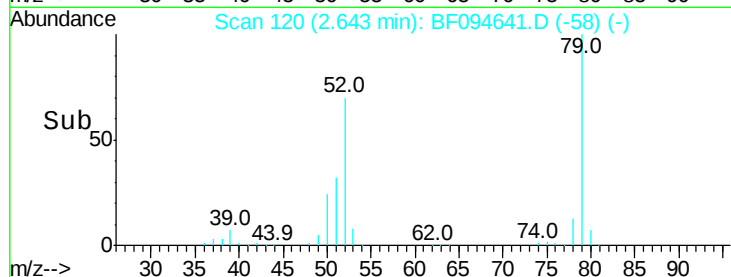
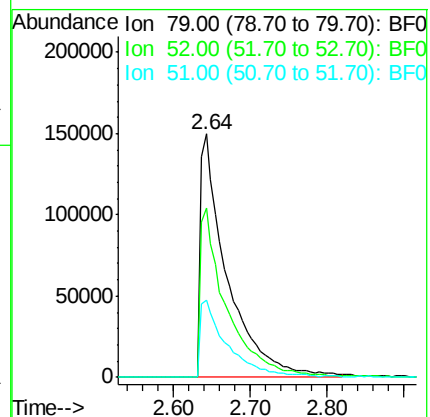
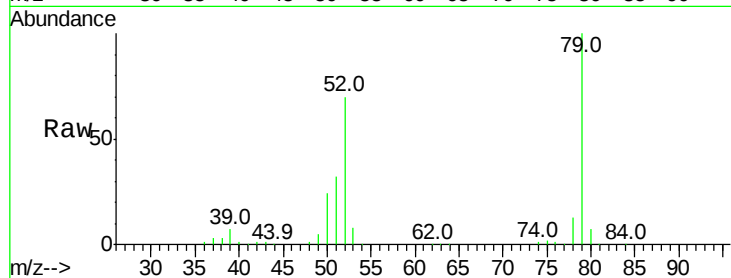
Tot Ion: 79 Resp: 359564

Ion Ratio Lower Upper

79 100

52 69.5 54.8 82.2

51 31.7 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 38.98 ng

RT: 2.58 min Scan# 110

Delta R.T. 0.04 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

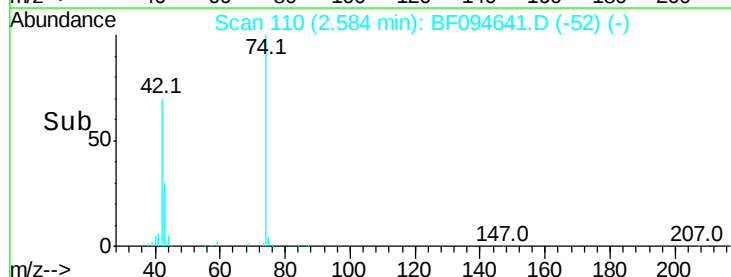
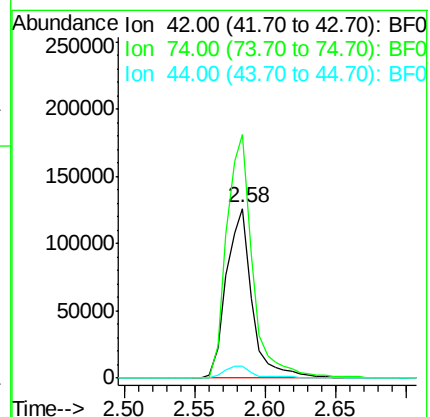
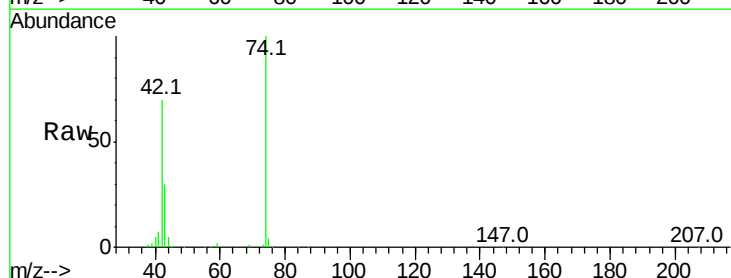
Tgt Ion: 42 Resp: 159587

Ion Ratio Lower Upper

42 100

74 143.6 103.9 155.9

44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 126.14 ng

RT: 4.31 min Scan# 404

Delta R.T. 0.01 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Instrument :
BNA_F
ClientSampled :

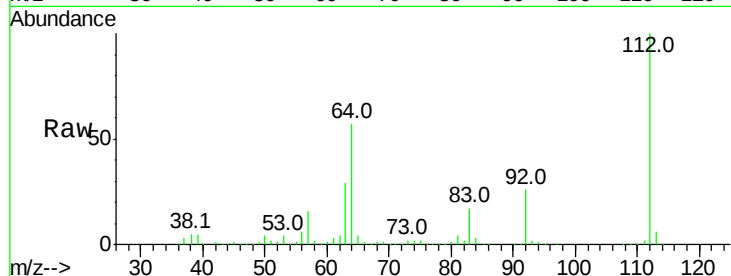
Tot Ion:112 Resp: 981965

Ion Ratio Lower Upper

112 100

64 56.7 46.0 69.0

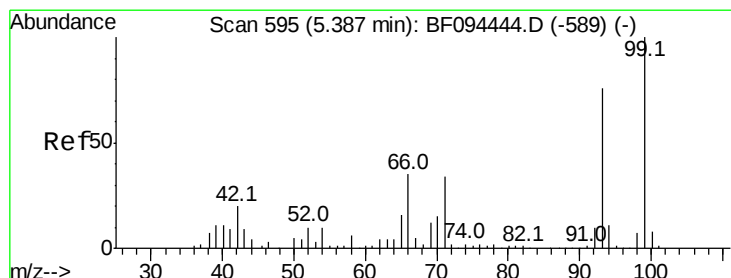
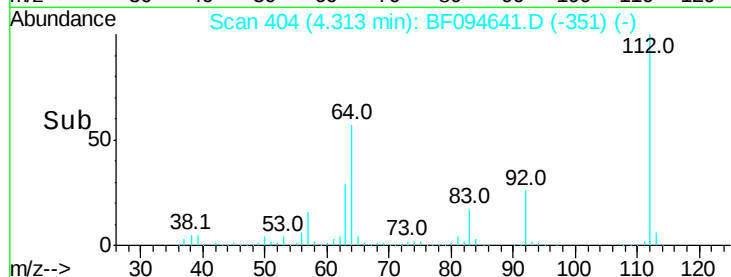
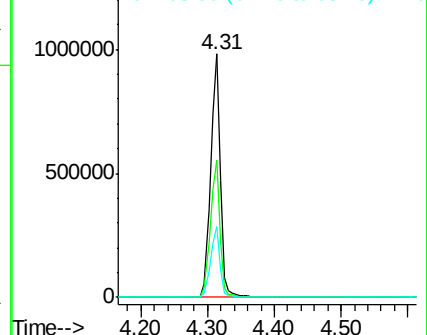
63 29.2 23.4 35.0



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: 35.91 ng

RT: 5.39 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

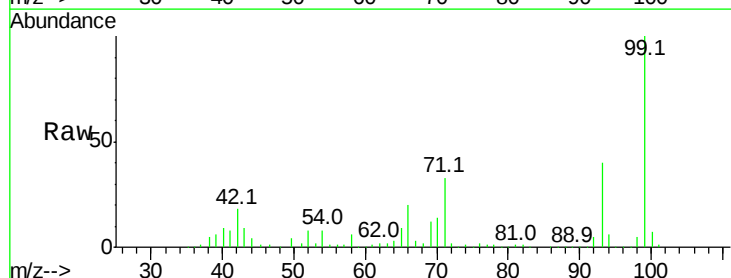
Tgt Ion: 93 Resp: 437949

Ion Ratio Lower Upper

93 100

66 50.8 32.9 49.3#

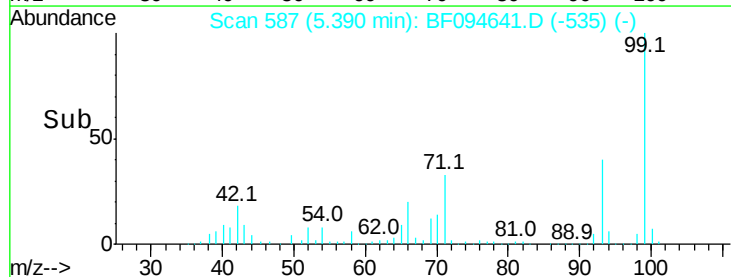
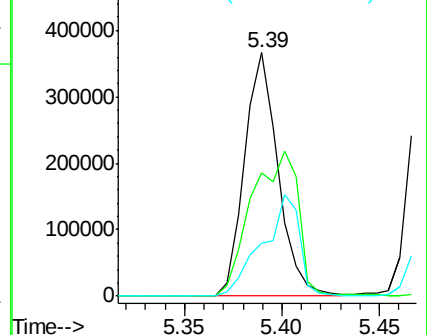
65 21.8 16.0 24.0

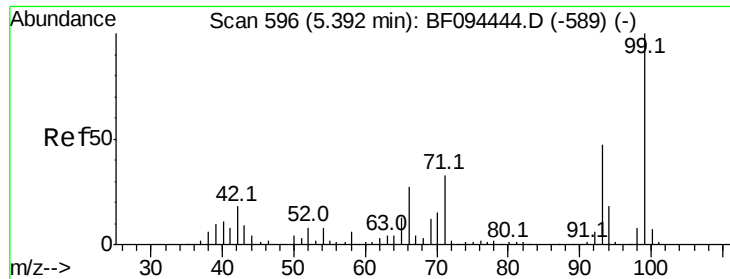


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.52 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

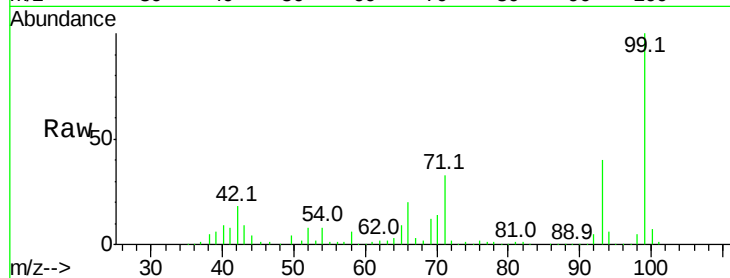
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1188691

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.5	20.3
71	32.5	24.5	36.7

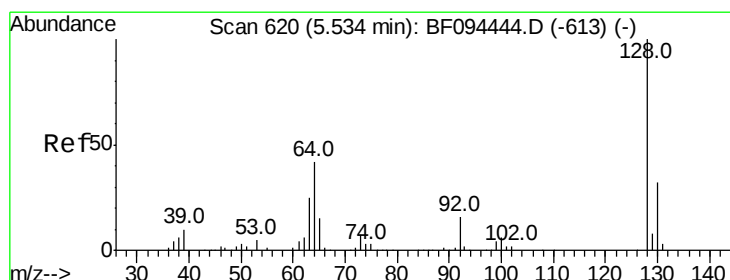
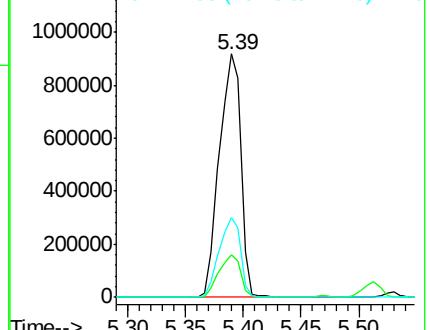
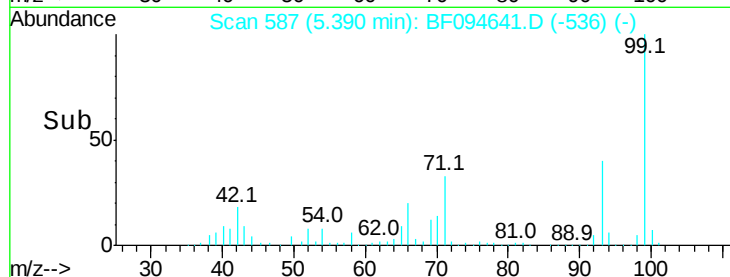


Abundance

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: 43.15 ng

RT: 5.53 min Scan# 611

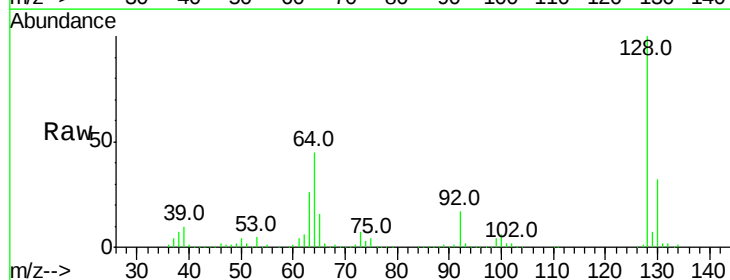
Delta R.T. -0.00 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Tgt Ion: 128 Resp: 382281

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.9	52.9
64	44.7	28.4	68.4

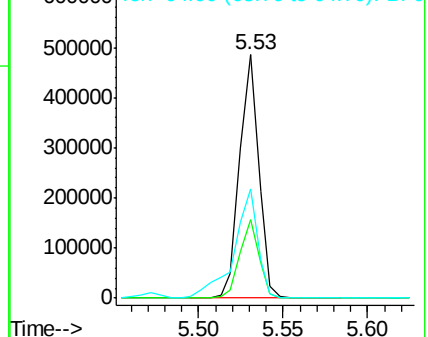
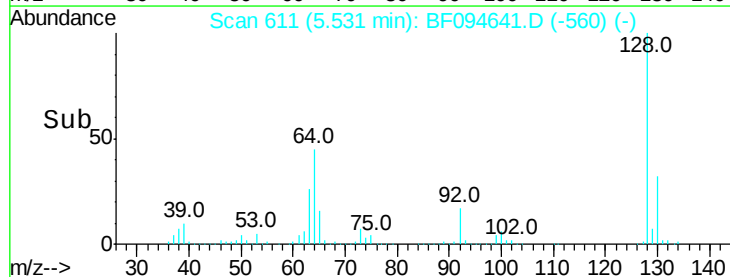


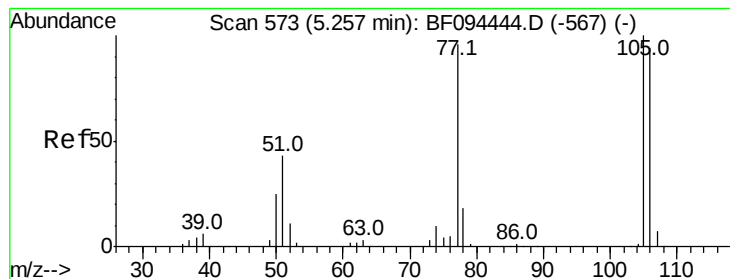
Abundance

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: 13.63 ng

RT: 5.25 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Instrument :

BNA_F

ClientSampleId :

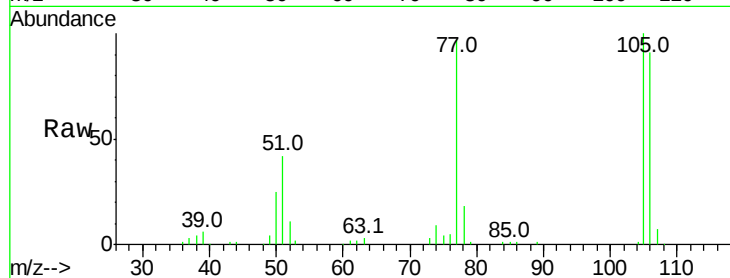
Tot Ion: 77 Resp: 95153

Ion Ratio Lower Upper

77 100

105 102.8 83.8 123.8

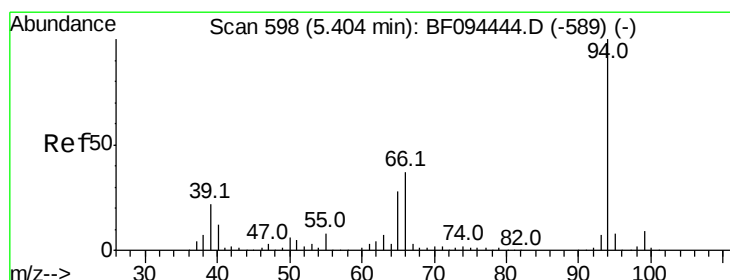
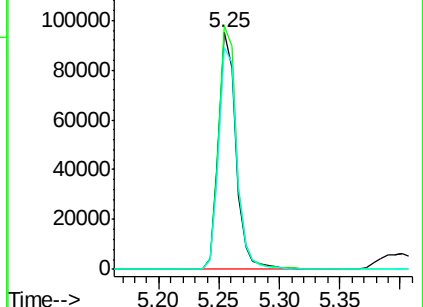
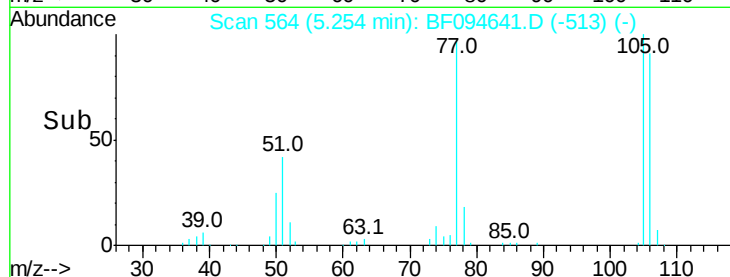
106 93.9 79.1 119.1



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: 41.78 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

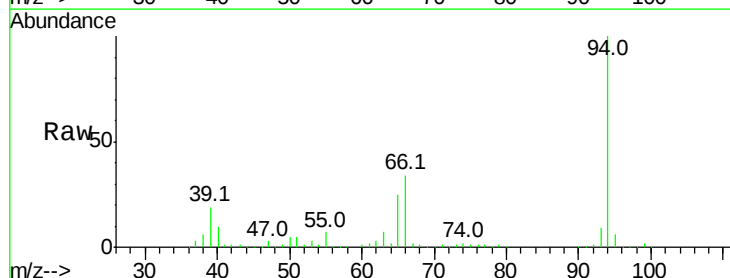
Tgt Ion: 94 Resp: 471050

Ion Ratio Lower Upper

94 100

65 24.9 9.9 49.9

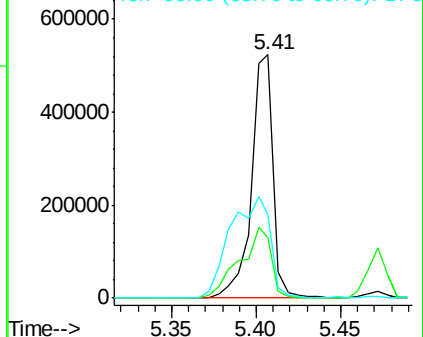
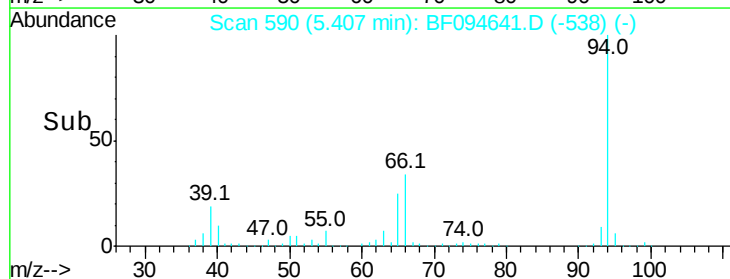
66 34.3 23.1 63.1

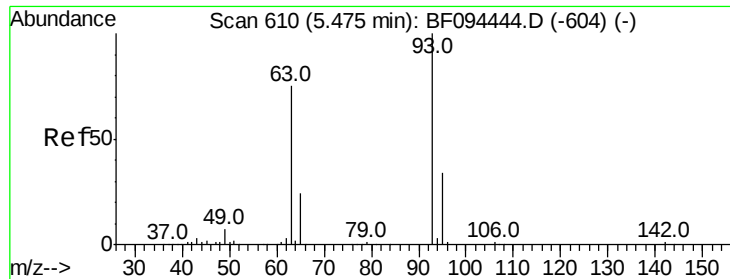


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.40 ng

RT: 5.47 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Instrument :

BNA_F

ClientSampled :

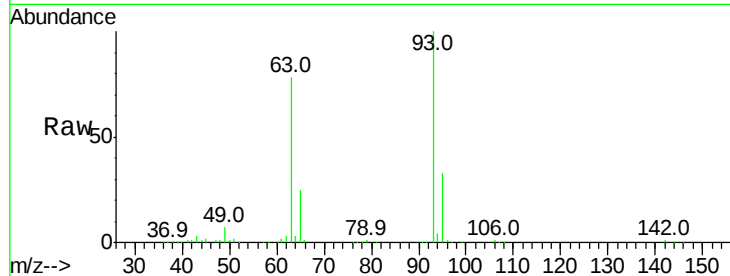
Tot Ion: 93 Resp: 349235

Ion Ratio Lower Upper

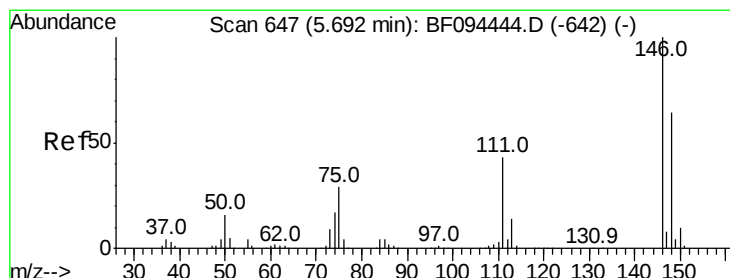
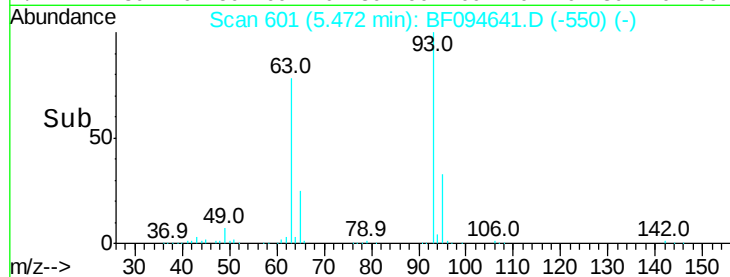
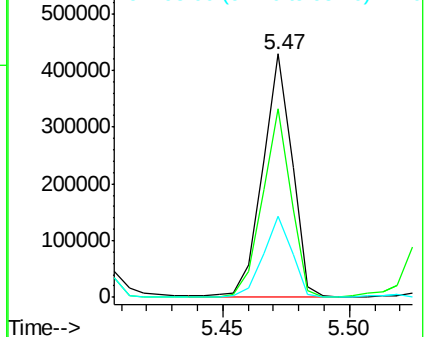
93 100

63 77.7 59.2 99.2

95 33.2 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.37 ng

RT: 5.69 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

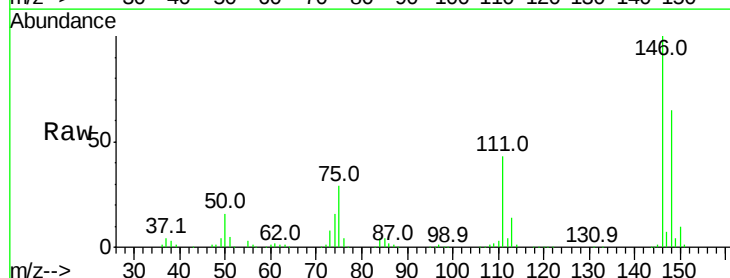
Tgt Ion: 146 Resp: 396201

Ion Ratio Lower Upper

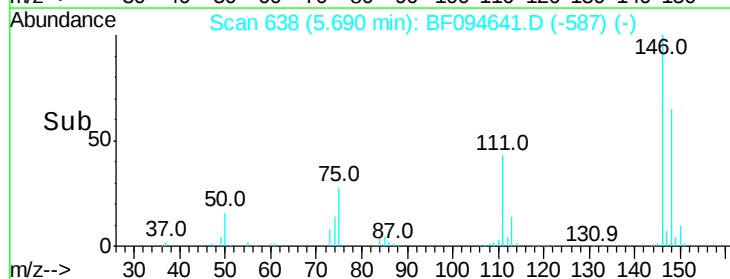
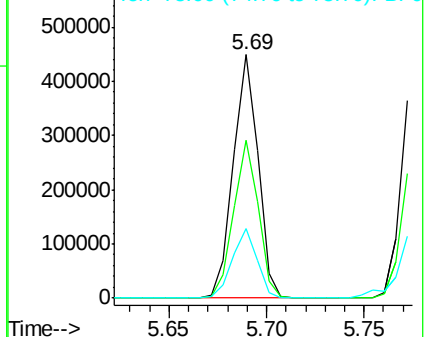
146 100

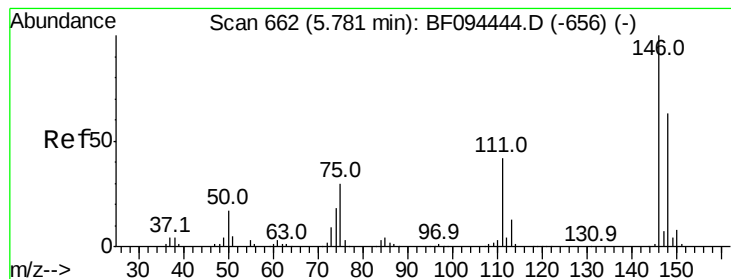
148 65.0 51.8 77.6

75 28.6 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.84 ng

RT: 5.78 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Instrument :

BNA_F

ClientSampled :

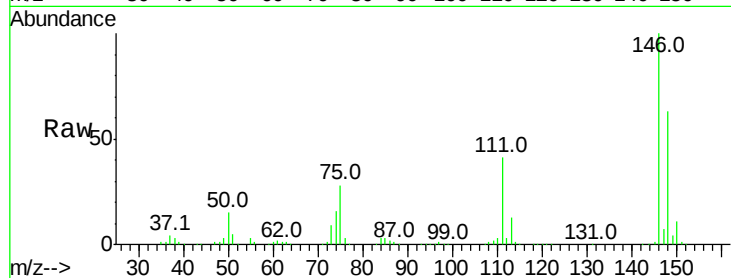
Tot Ion:146 Resp: 403291

Ion Ratio Lower Upper

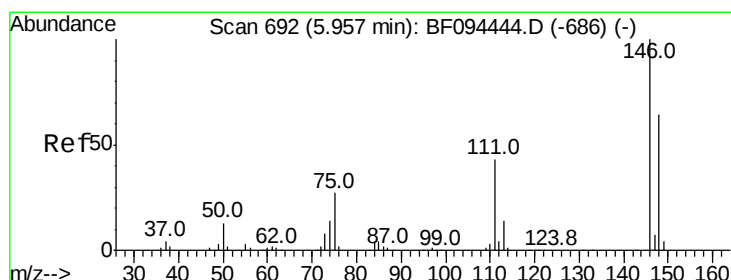
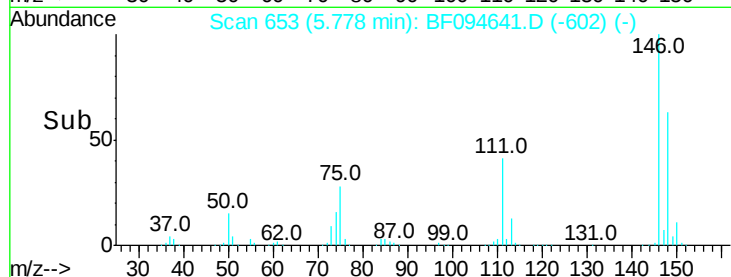
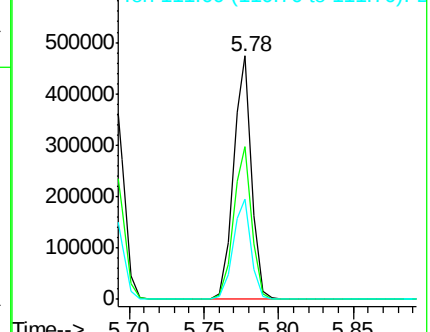
146 100

148 62.9 52.2 78.2

111 41.1 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 41.10 ng

RT: 5.95 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

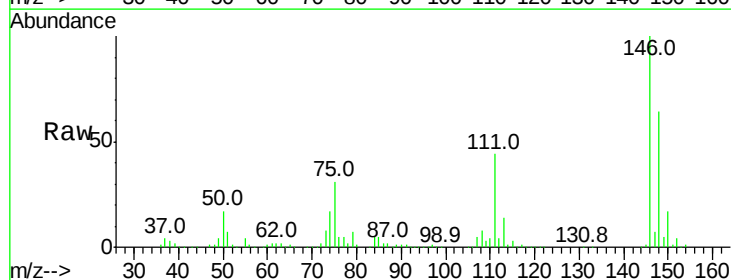
Tgt Ion:146 Resp: 373837

Ion Ratio Lower Upper

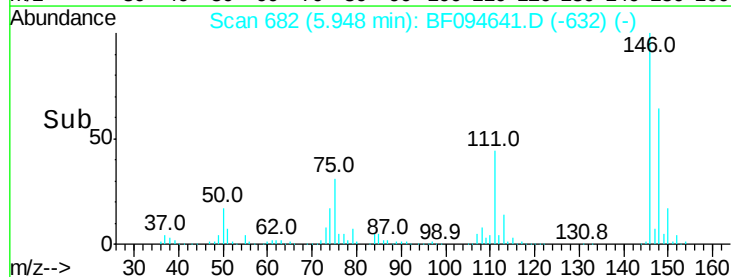
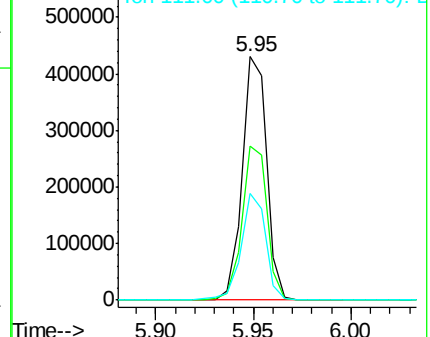
146 100

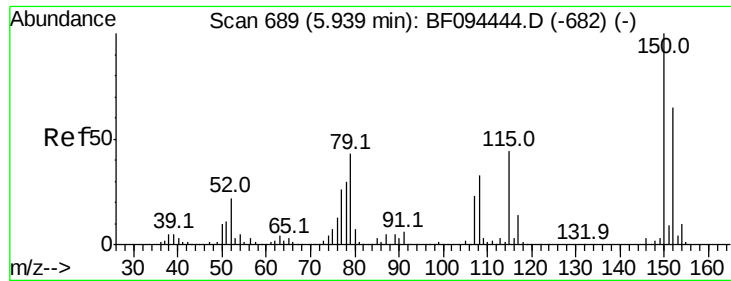
148 63.5 50.4 75.6

111 43.5 38.2 57.4



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

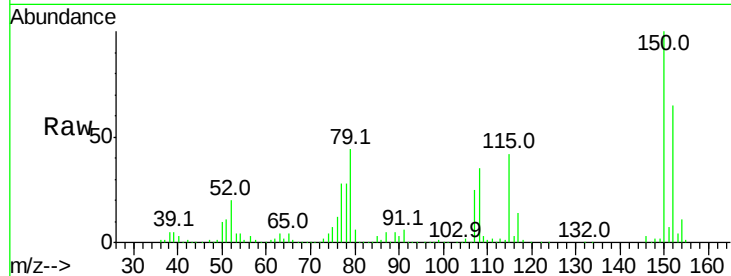




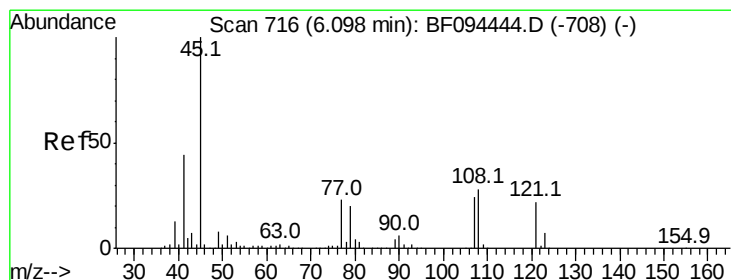
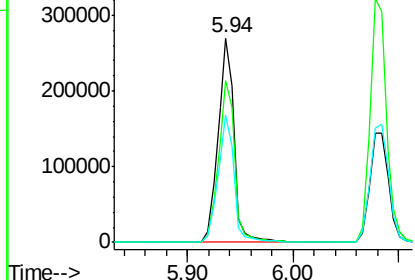
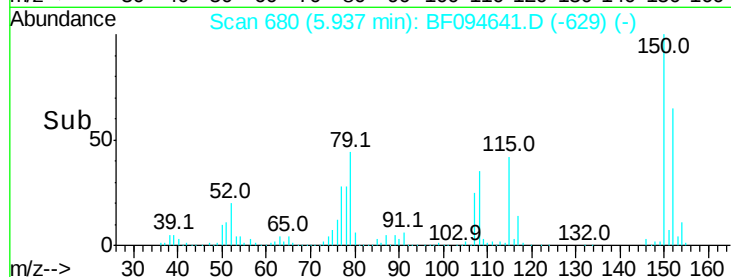
#15
Benzyl Alcohol
Concen: 42.66 ng
RT: 5.94 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF094641.D
Acq: 26 Apr 2017 12:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 290417
Ion Ratio Lower Upper
79 100
108 79.3 63.4 95.0
77 62.4 49.2 73.8

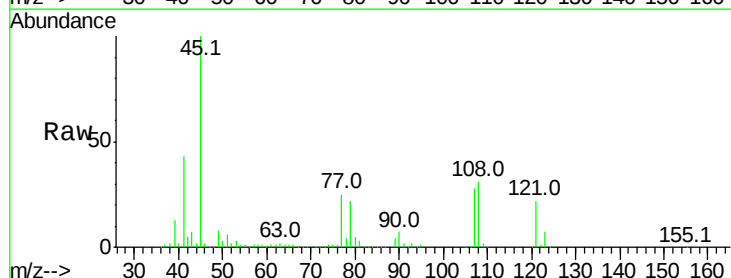


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

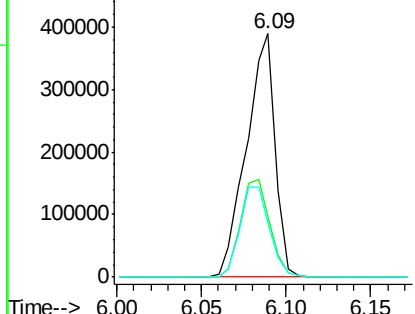
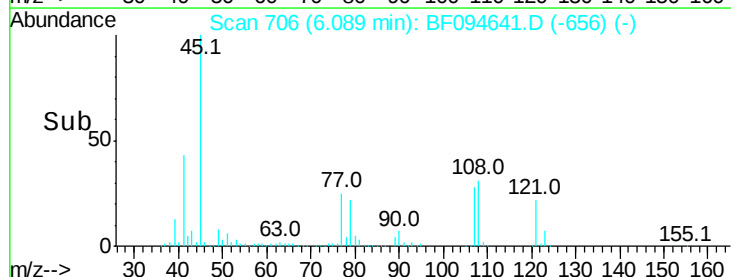


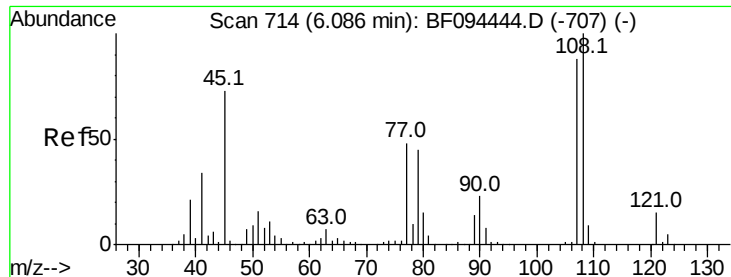
#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.74 ng
RT: 6.09 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF094641.D
Acq: 26 Apr 2017 12:43

Tgt Ion: 45 Resp: 461516
Ion Ratio Lower Upper
45 100
77 24.9 0.0 33.2
79 22.3 0.0 30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

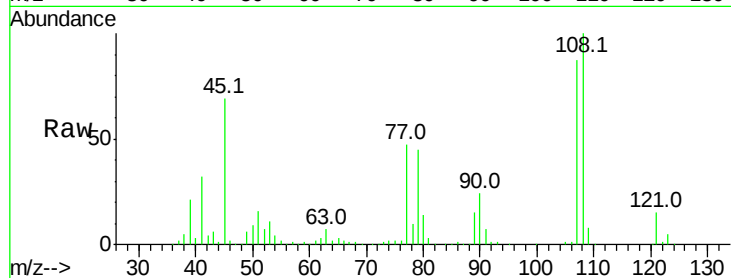




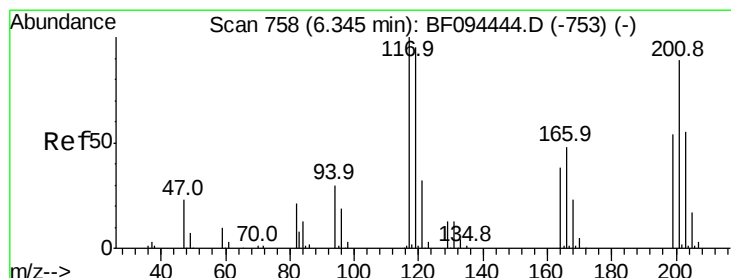
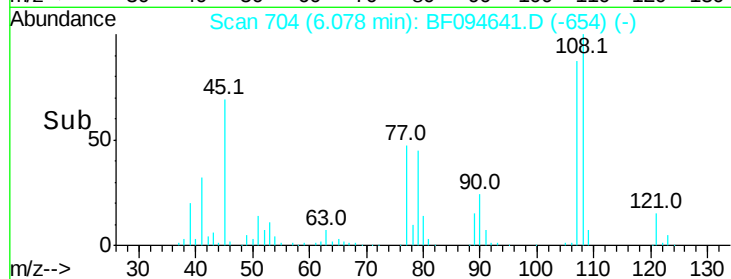
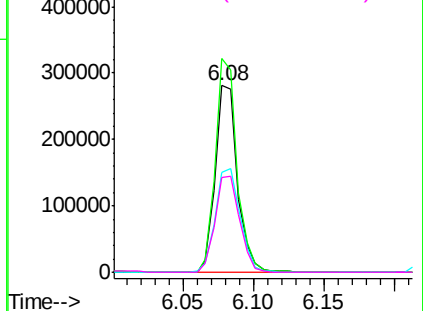
#17
 2-Methylphenol
 Concen: 44.13 ng
 RT: 6.08 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	93.4	140.0
77	53.8	35.8	53.6#
79	51.2	34.8	52.2

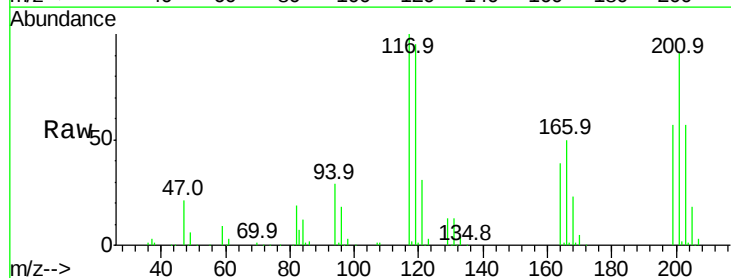


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

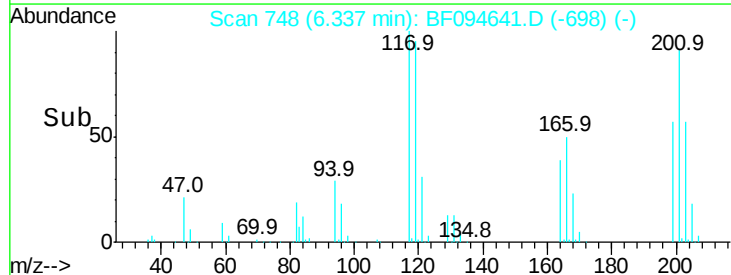
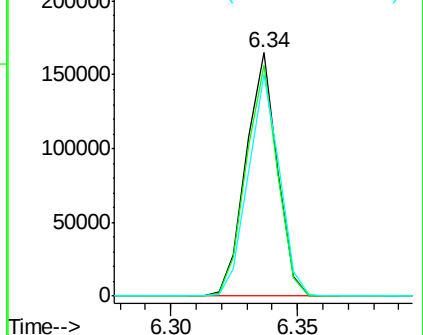


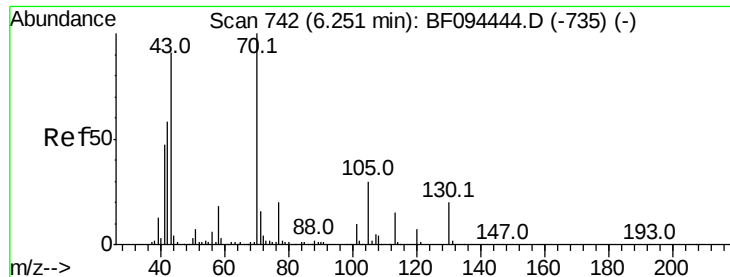
#18
 Hexachloroethane
 Concen: 41.81 ng
 RT: 6.34 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.4	116.0
201	91.2	94.6	141.8#



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

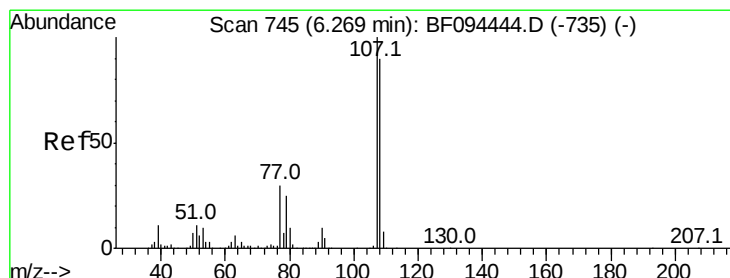
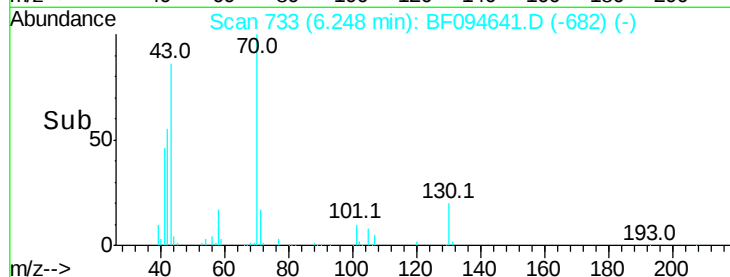
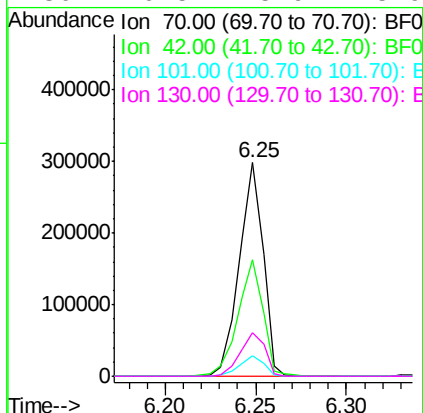
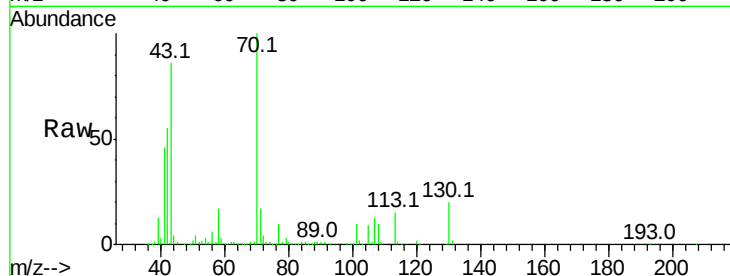




#19
n-Nitroso-di-n-propylamine
Concen: 44.88 ng
RT: 6.25 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF094641.D
Acq: 26 Apr 2017 12:43

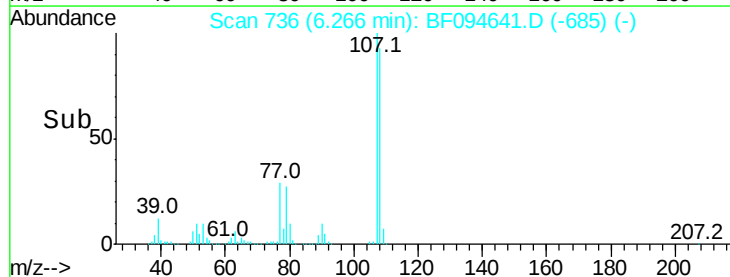
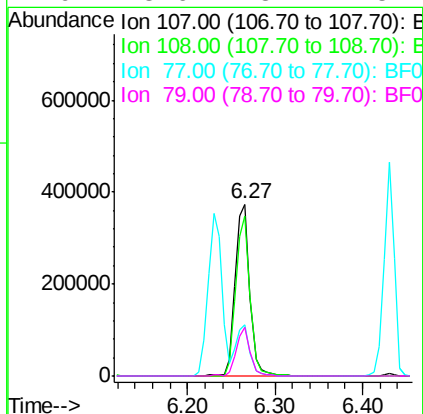
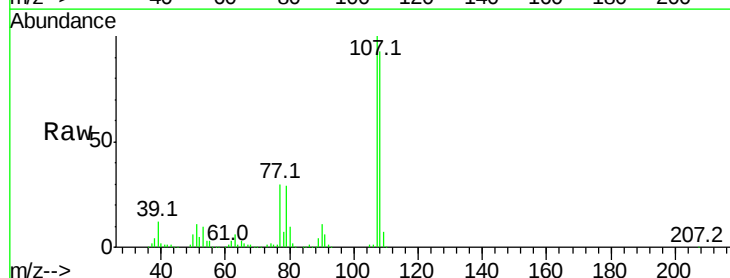
Instrument :
BNA_F
ClientSampleId :

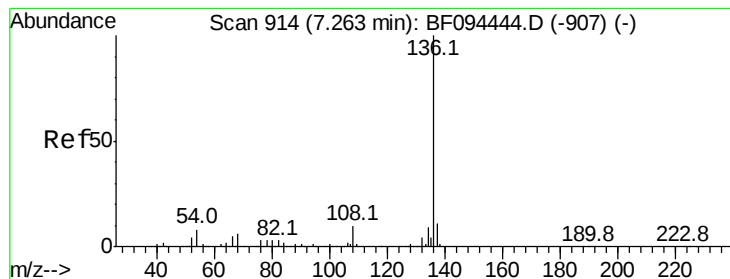
Tot Ion: 70 Resp: 272918
Ion Ratio Lower Upper
70 100
42 54.6 47.2 70.8
101 9.8 7.2 10.8
130 20.5 15.9 23.9



#20
3+4-Methylphenols
Concen: 45.17 ng
RT: 6.27 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF094641.D
Acq: 26 Apr 2017 12:43

Tgt Ion:107 Resp: 428210
Ion Ratio Lower Upper
107 100
108 93.5 71.0 111.0
77 29.7 90.5 130.5#
79 28.6 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 520581

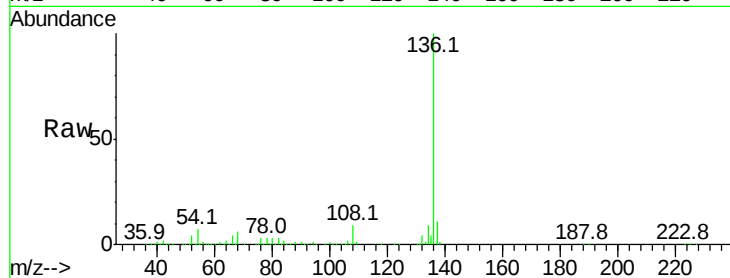
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.2 4.9 7.3

68 5.7 4.1 6.1

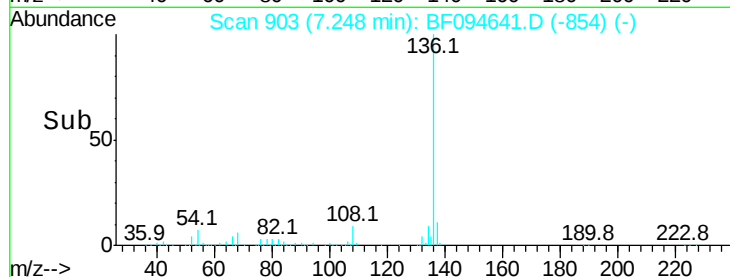


Abundance Ion 136.00 (135.70 to 136.70): E

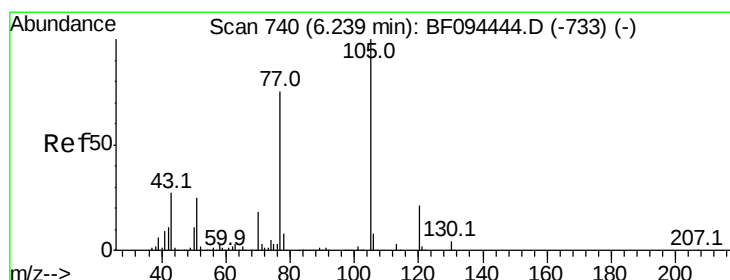
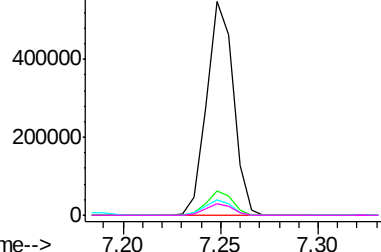
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 43.15 ng

RT: 6.23 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Tgt Ion:105 Resp: 546136

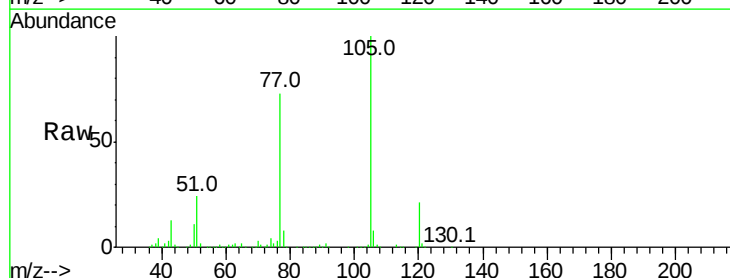
Ion Ratio Lower Upper

105 100

71 0.5 2.8 4.2#

51 24.0 30.7 46.1#

120 21.3 17.4 26.0

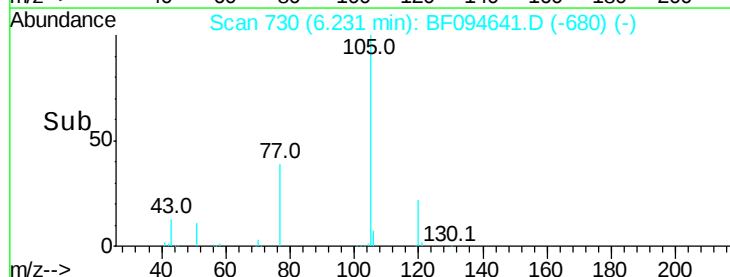


Abundance Ion 105.00 (104.70 to 105.70): E

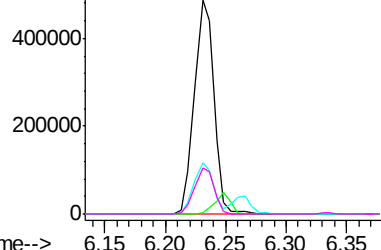
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

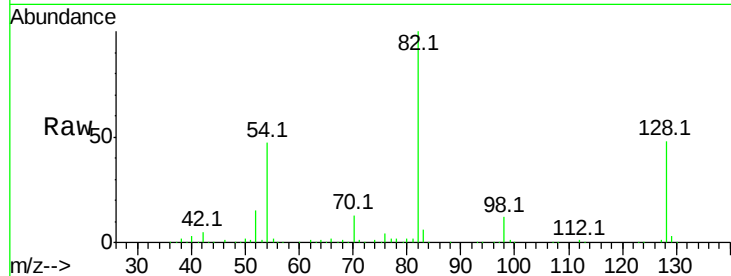




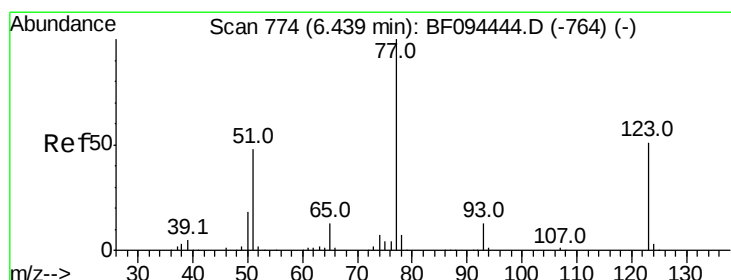
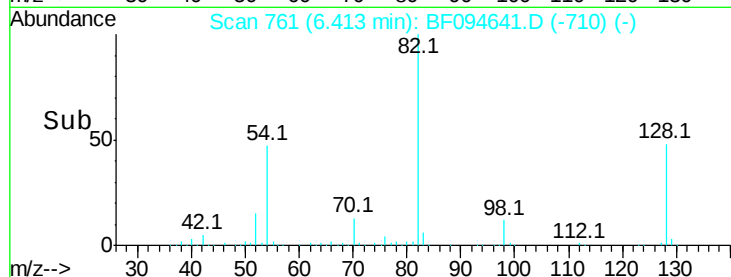
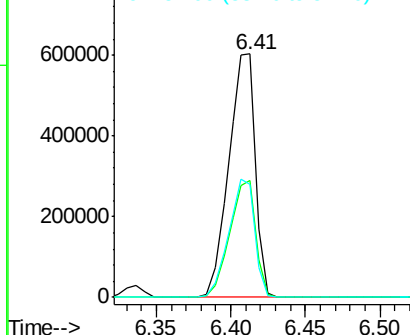
#23
 Nitrobenzene-d5
 Concen: 89.58 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 755227
 Ion Ratio Lower Upper
 82 100
 128 47.9 34.0 51.0
 54 46.5 42.2 63.2

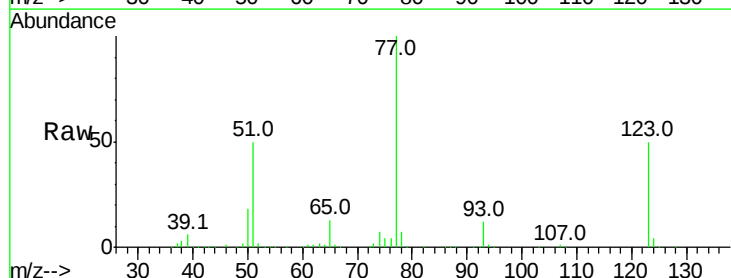


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

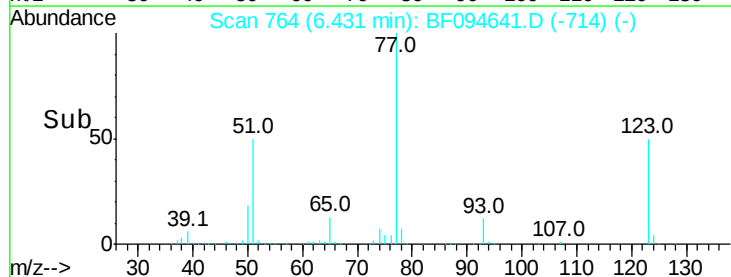
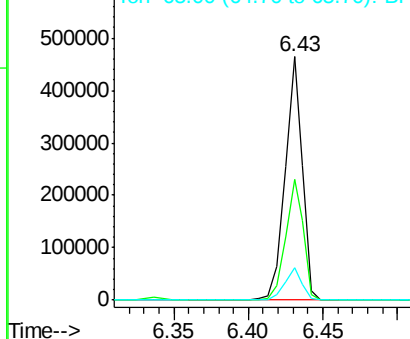


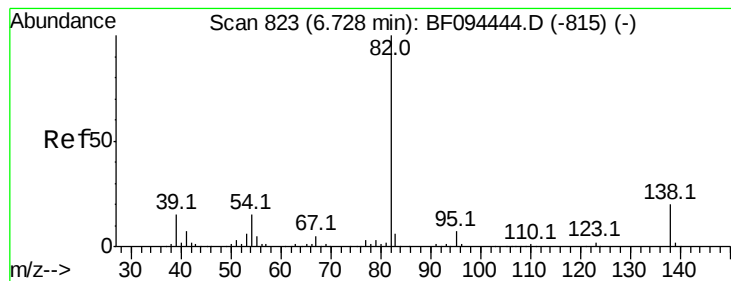
#24
 Nitrobenzene
 Concen: 42.75 ng
 RT: 6.43 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

Tgt Ion: 77 Resp: 379534
 Ion Ratio Lower Upper
 77 100
 123 49.6 35.8 53.8
 65 13.2 10.6 15.8



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





#25

Isophorone

Concen: 44.94 ng

RT: 6.72 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Instrument :

BNA_F

ClientSampleId :

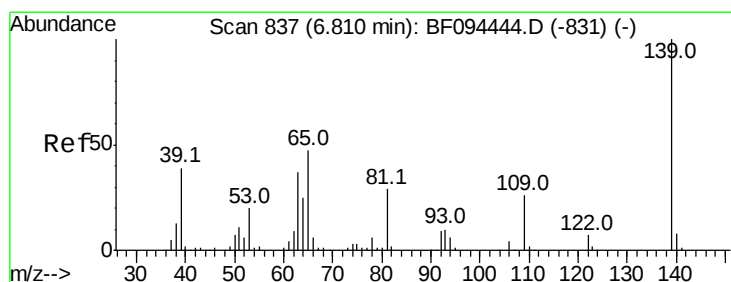
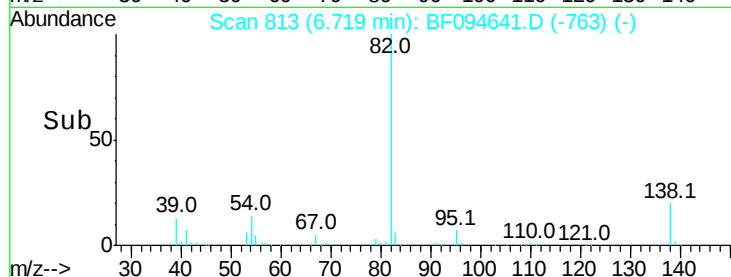
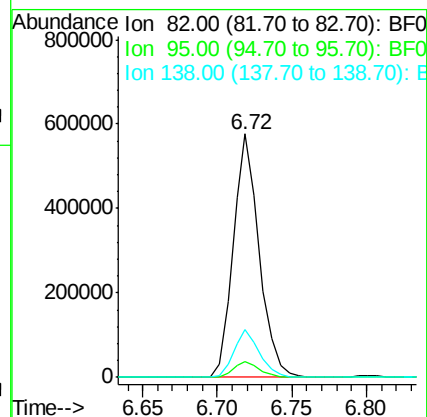
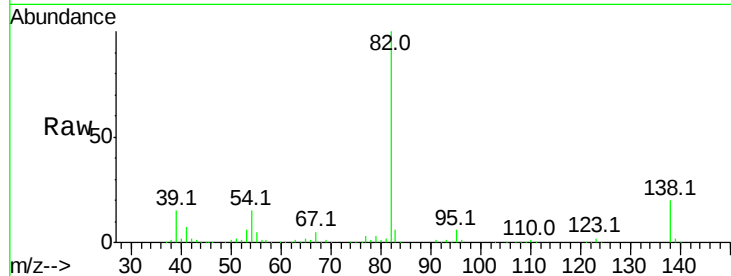
Tot Ion: 82 Resp: 702353

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 19.7 13.1 19.7#



#26

2-Nitrophenol

Concen: 45.40 ng

RT: 6.80 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

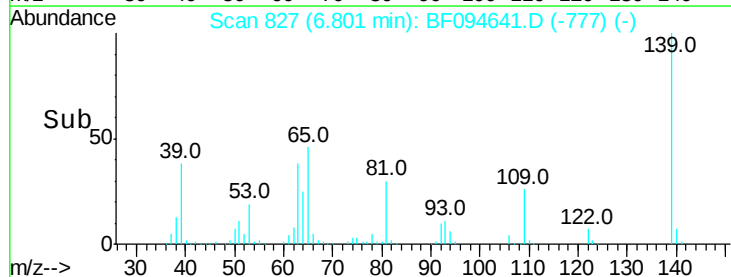
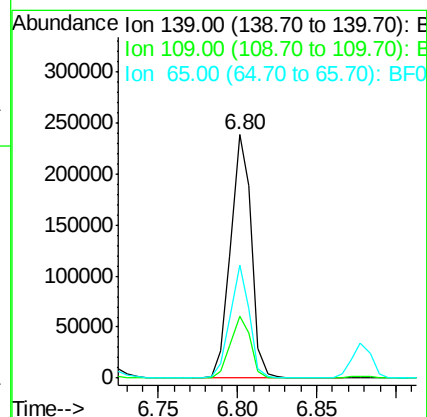
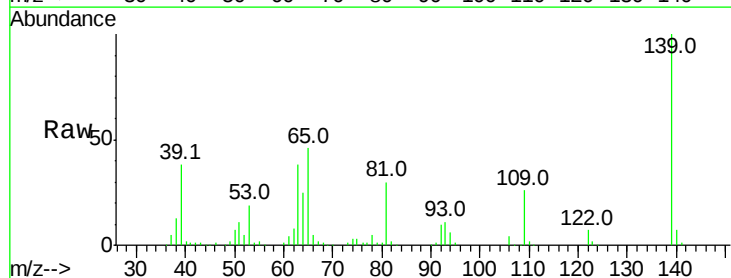
Tgt Ion: 139 Resp: 216520

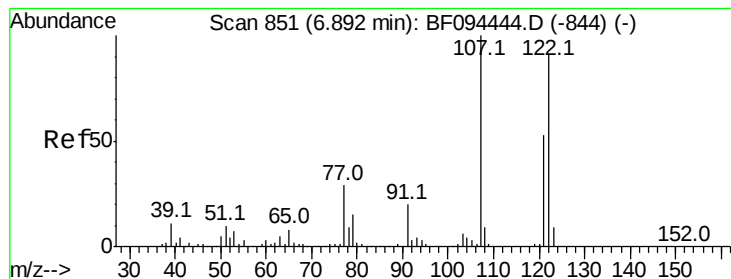
Ion Ratio Lower Upper

139 100

109 25.6 21.0 31.6

65 46.2 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 44.63 ng

RT: 6.88 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Instrument :

BNA_F

ClientSampled :

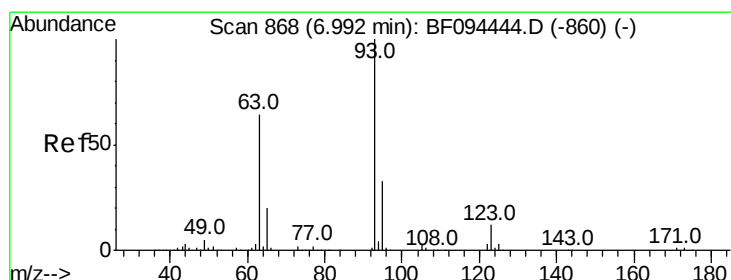
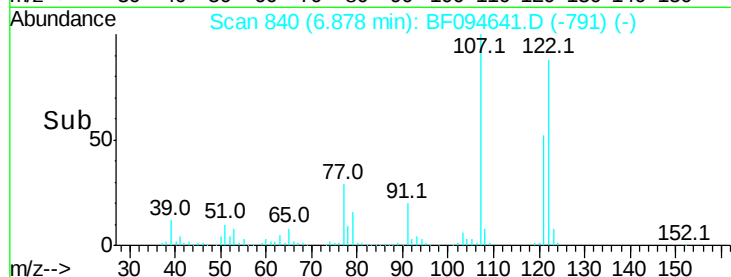
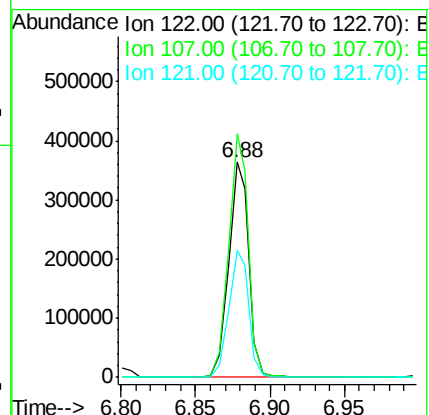
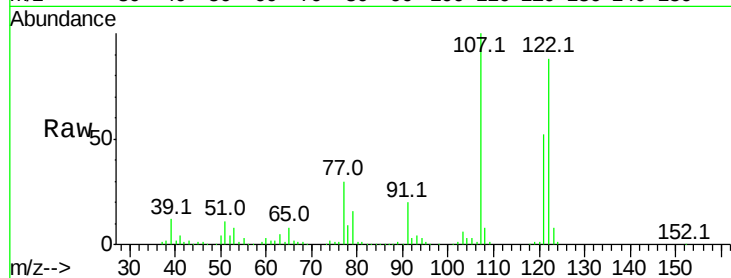
Tot Ion:122 Resp: 345781

Ion Ratio Lower Upper

122 100

107 113.0 89.2 133.8

121 58.9 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 44.60 ng

RT: 6.98 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

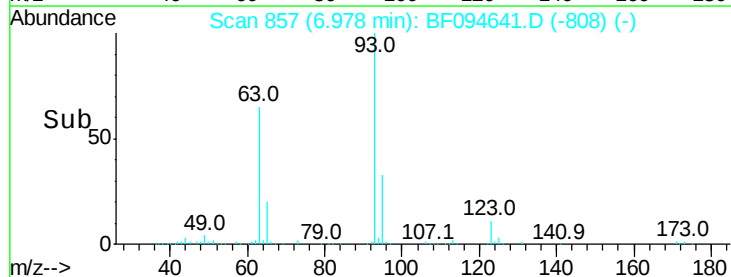
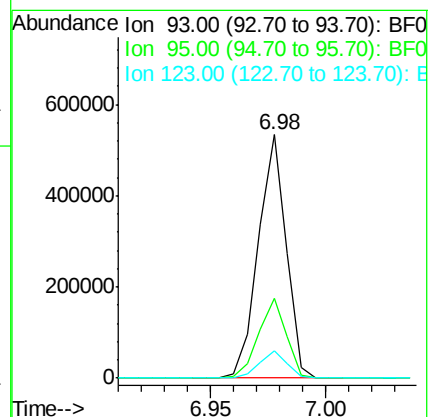
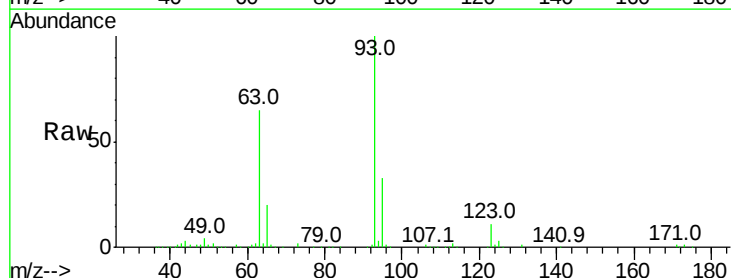
Tgt Ion: 93 Resp: 450847

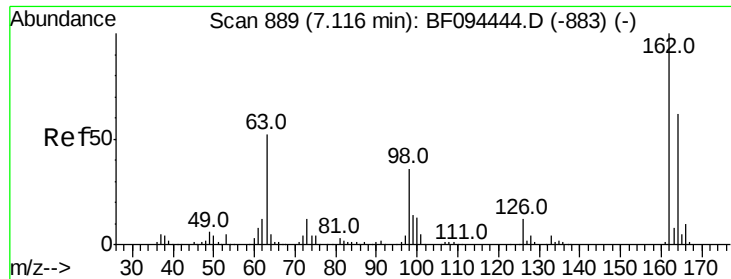
Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

123 11.0 9.0 13.4

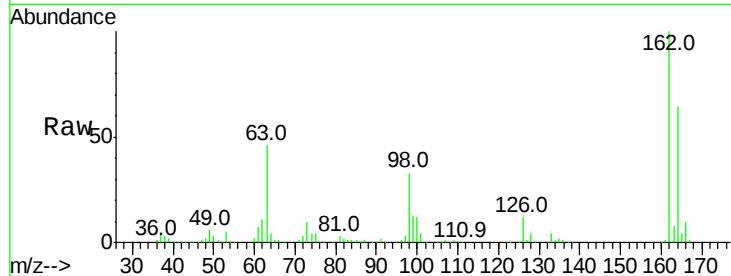




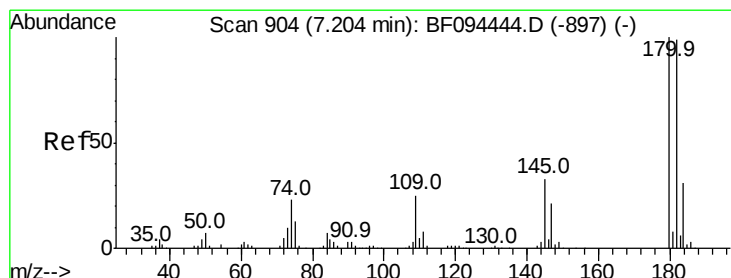
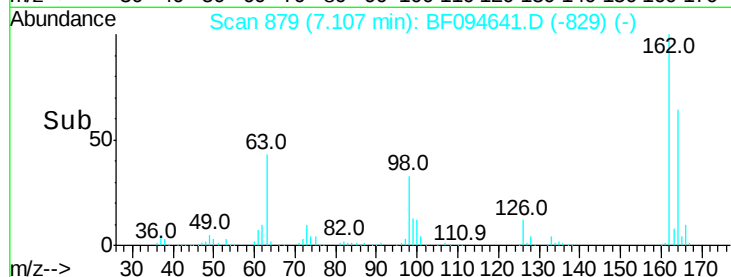
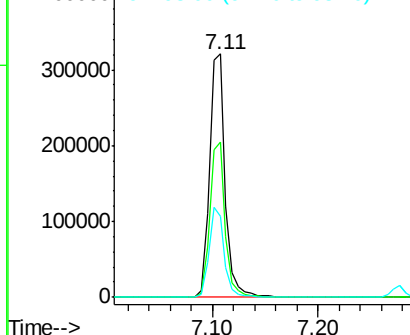
#29
 2,4-Dichlorophenol
 Concen: 46.25 ng
 RT: 7.11 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.6	84.6
98	33.3	14.8	54.8

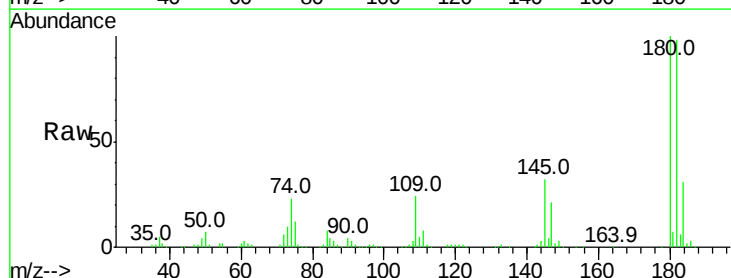


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

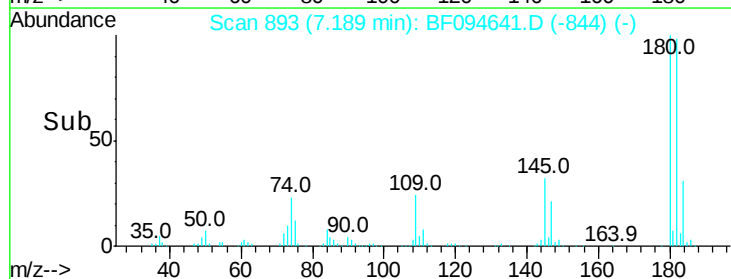
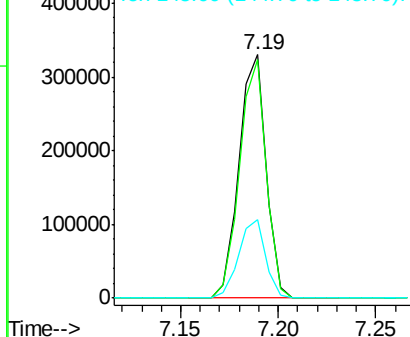


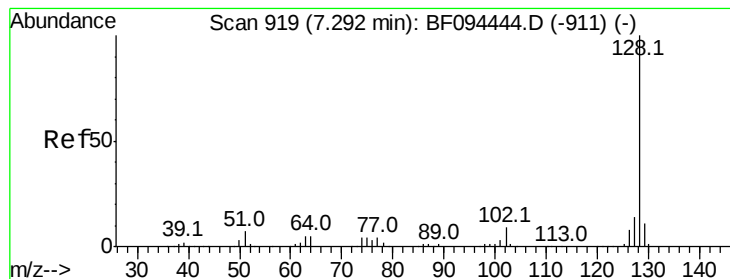
#30
 1,2,4-Trichlorobenzene
 Concen: 42.54 ng
 RT: 7.19 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	75.8	113.6
145	32.4	25.3	37.9



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: 42.17 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Instrument :

BNA_F

ClientSampleId :

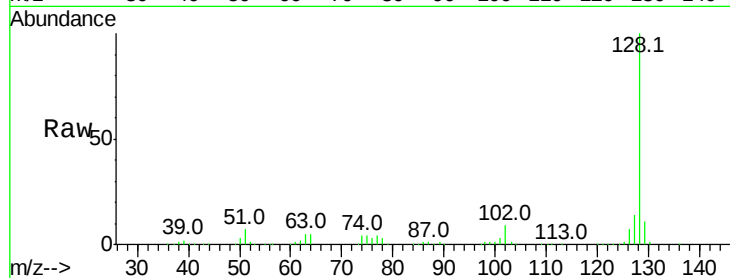
Tot Ion:128 Resp: 1055345

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

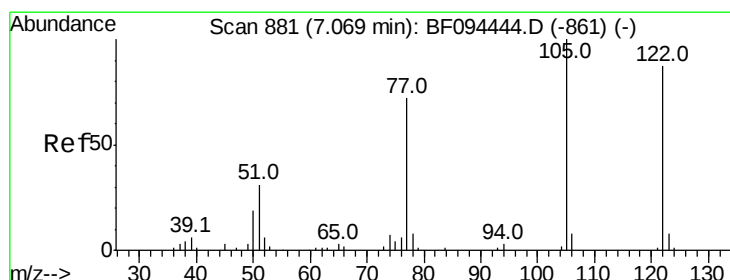
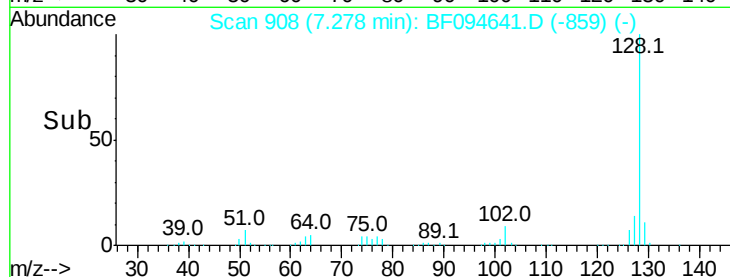
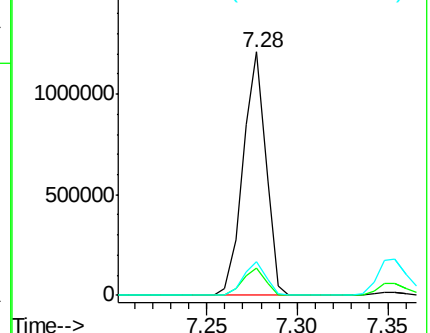
127 13.6 10.8 16.2



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: 7.97 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.04 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

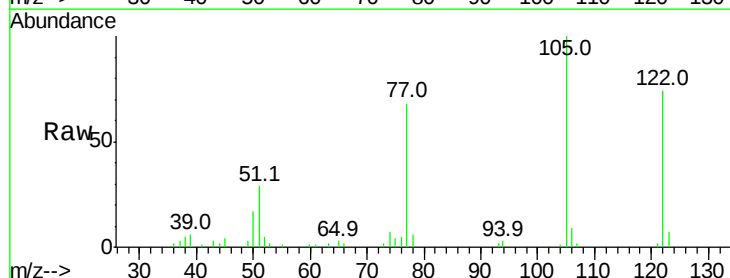
Tgt Ion:122 Resp: 32643

Ion Ratio Lower Upper

122 100

105 135.4 103.3 143.3

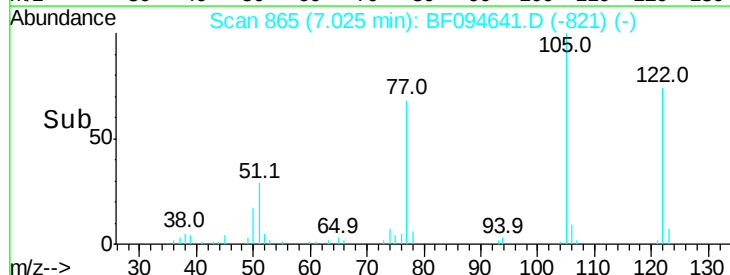
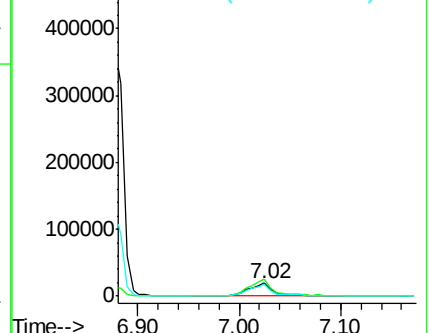
77 92.1 73.7 113.7

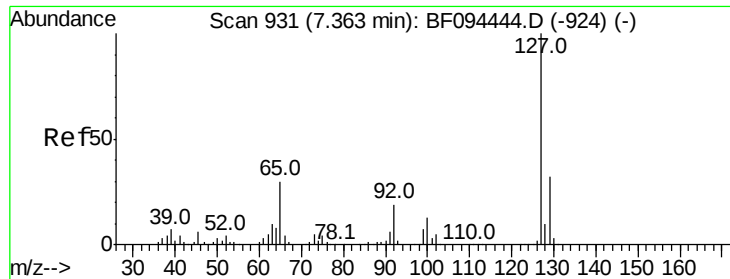


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

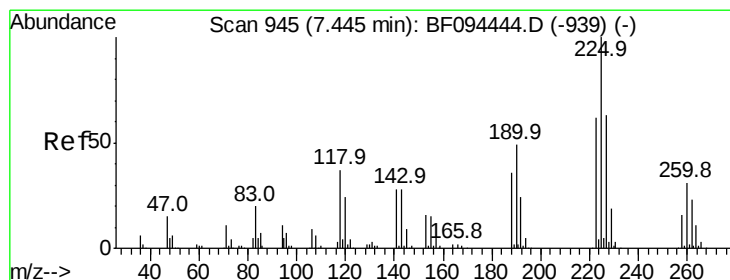
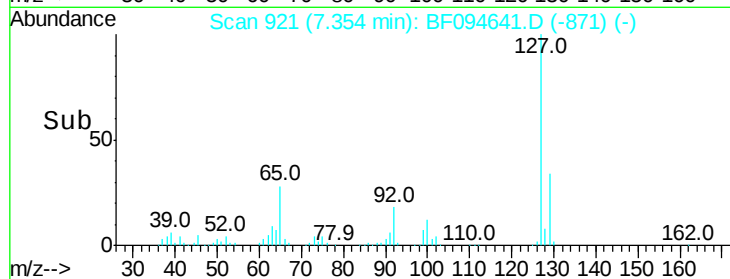
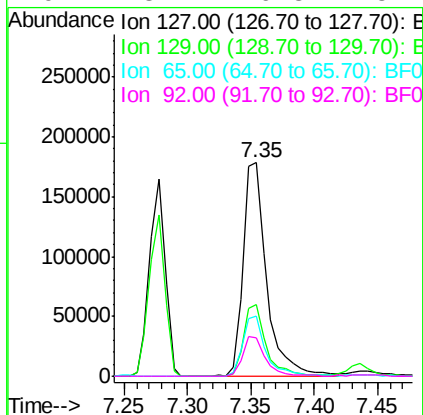
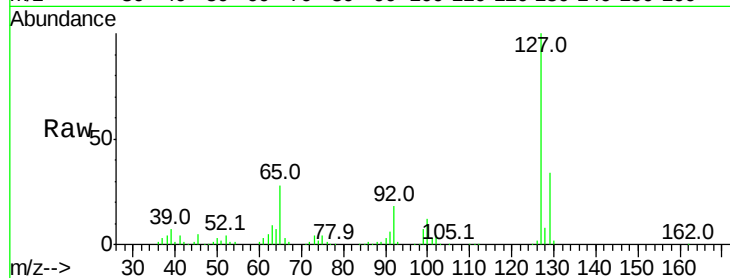




#33
 4-Chloroaniline
 Concen: 22.04 ng
 RT: 7.35 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

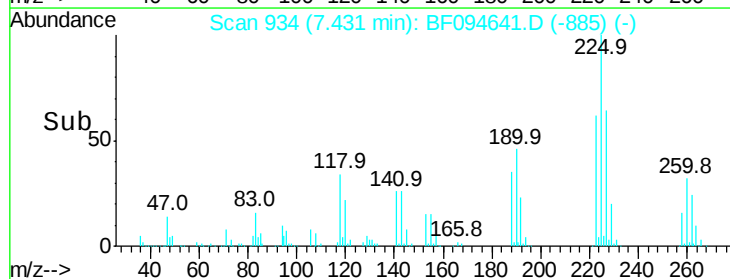
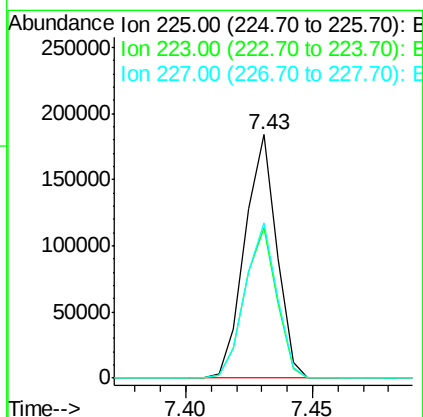
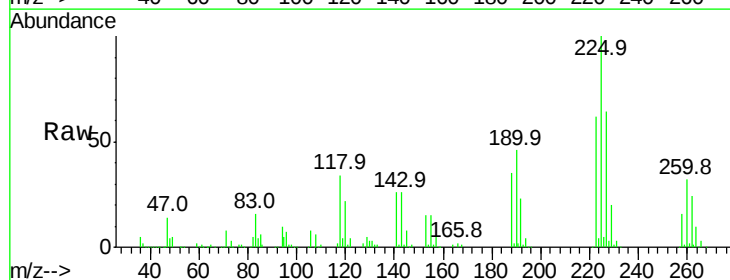
Instrument :
 BNA_F
 ClientSampleId :

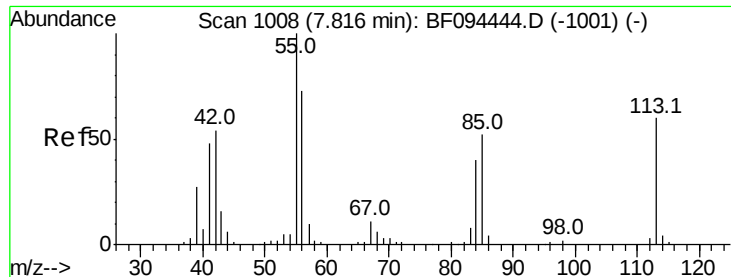
Tot Ion:	127	Resp:	229419
Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.2	39.2
65	28.5	27.8	41.8
92	18.2	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 43.31 ng
 RT: 7.43 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

Tgt Ion:	225	Resp:	160904
Ion	Ratio	Lower	Upper
225	100		
223	61.9	48.8	73.2
227	63.7	51.1	76.7

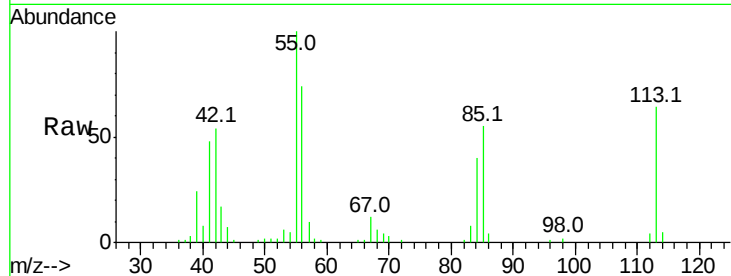




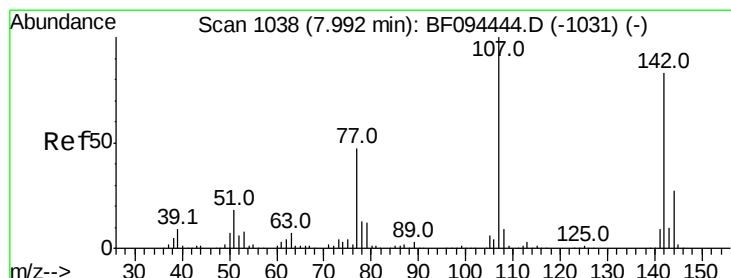
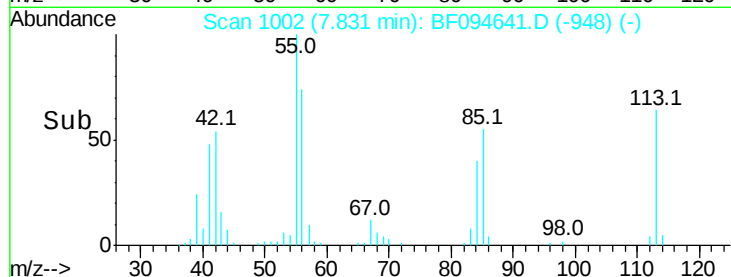
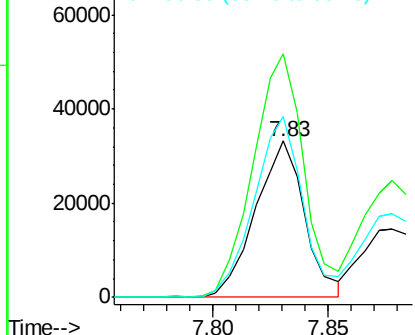
#35
 Caprolactam
 Concen: 21.62 ng
 RT: 7.83 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 48947
 Ion Ratio Lower Upper
 113 100
 55 155.7 150.2 190.2
 56 115.6 107.8 147.8

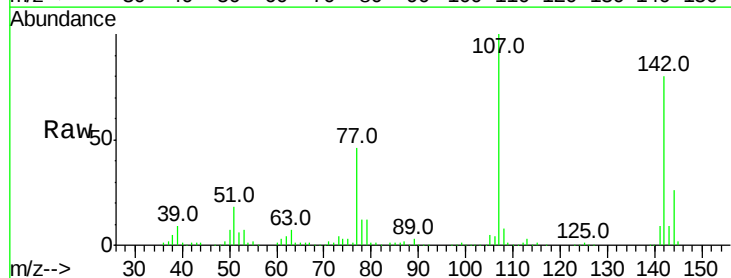


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

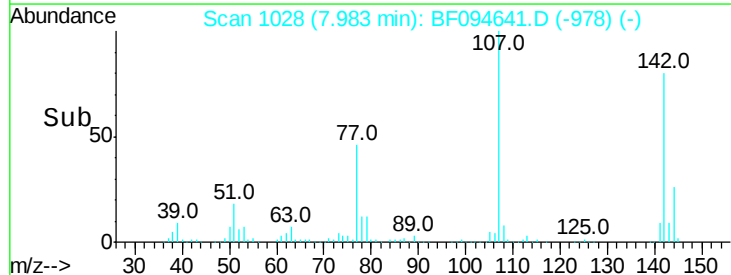
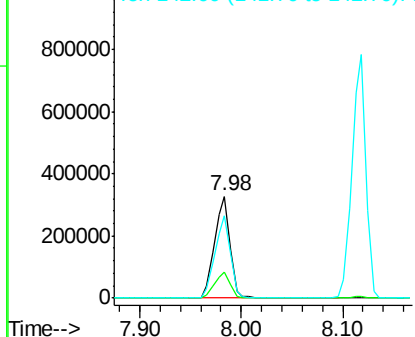


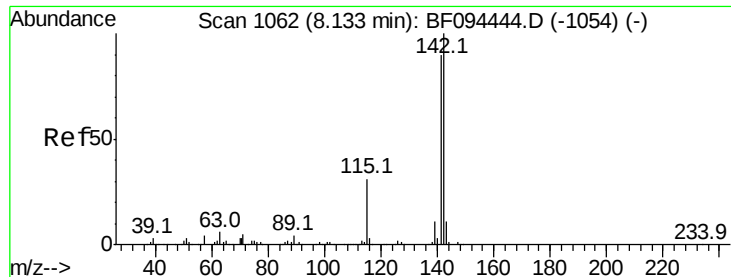
#36
 4-Chloro-3-methylphenol
 Concen: 45.95 ng
 RT: 7.98 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

Tgt Ion:107 Resp: 347077
 Ion Ratio Lower Upper
 107 100
 144 26.1 24.2 36.4
 142 80.4 73.4 110.0



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: 43.46 ng

RT: 8.12 min Scan# 1051

Delta R.T. -0.01 min

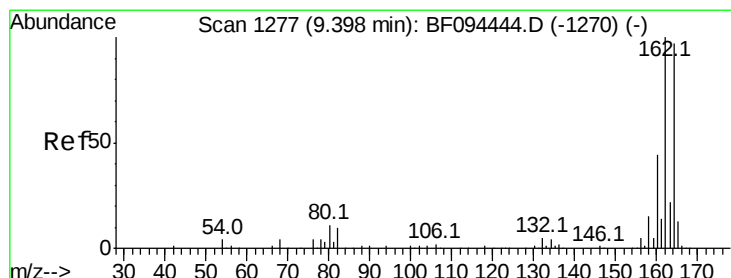
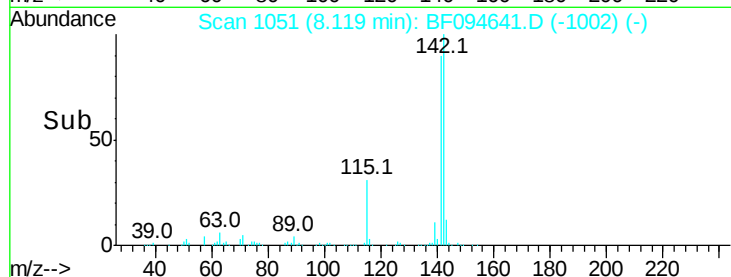
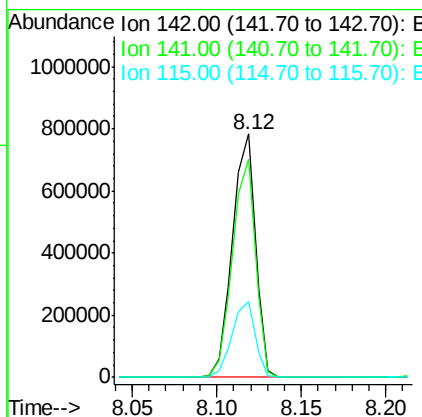
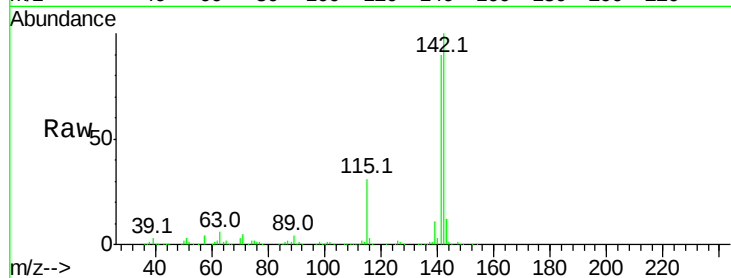
Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 744092

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.3	106.9
115	31.2	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 1266

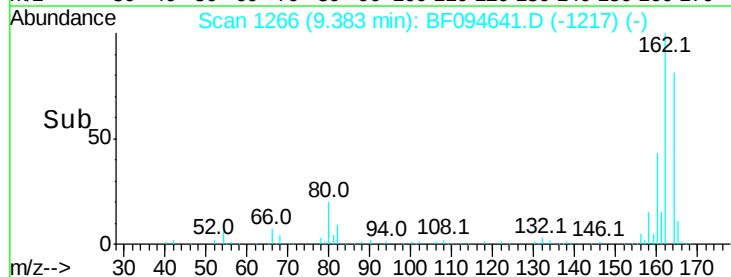
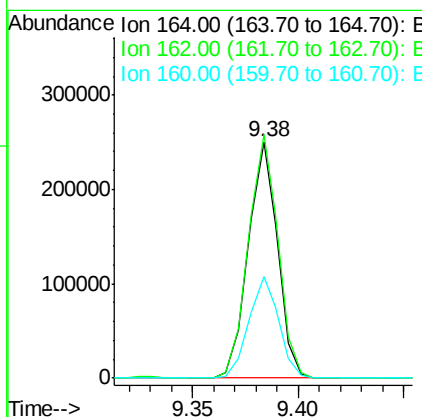
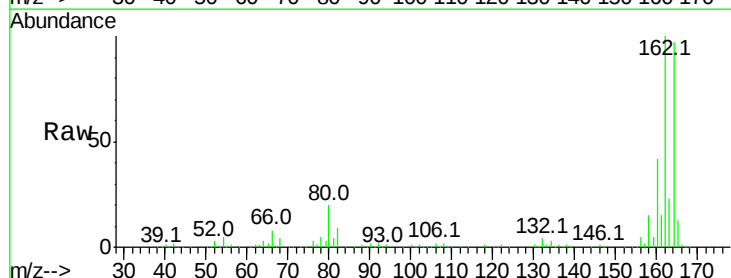
Delta R.T. -0.01 min

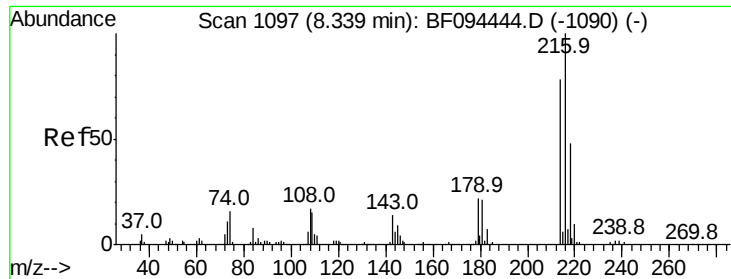
Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Tgt Ion:164 Resp: 240162

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	43.2	36.2	54.2

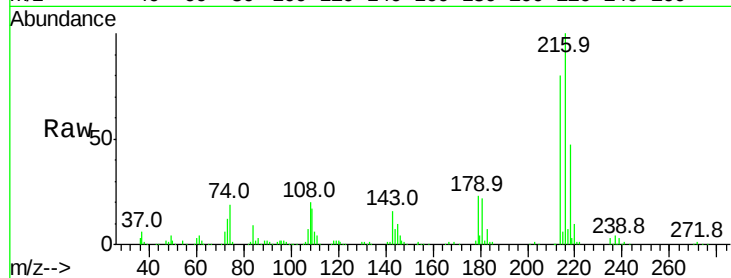




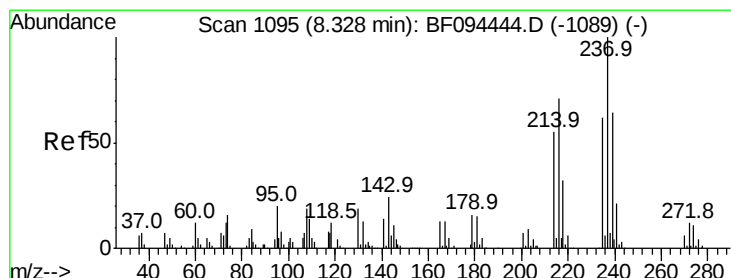
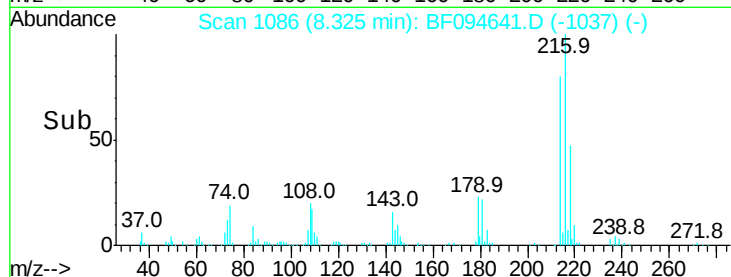
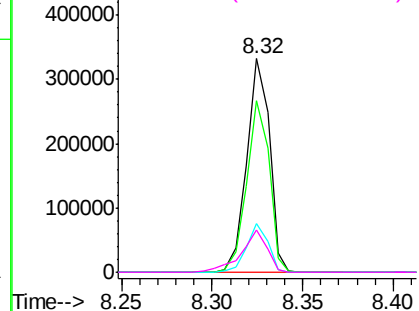
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.58 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	291210
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.2
179	21.7	17.9	26.9
108	22.2	16.5	24.7

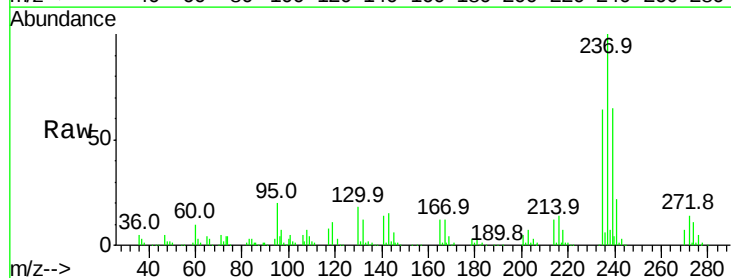


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

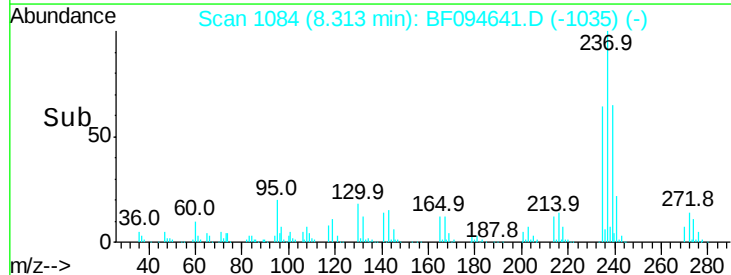
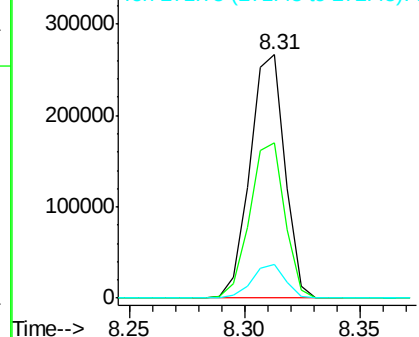


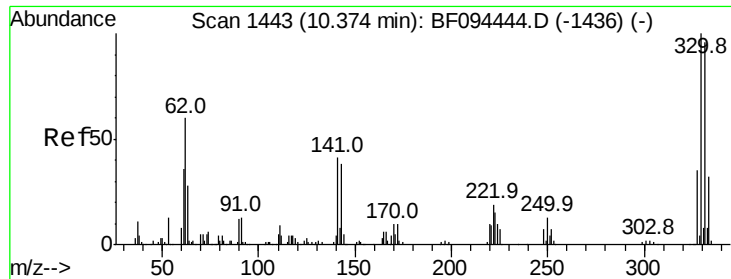
#40
 Hexachlorocyclopentadiene
 Concen: 102.09 ng
 RT: 8.31 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

Tgt Ion:	237	Resp:	282432
Ion	Ratio	Lower	Upper
237	100		
235	63.7	42.6	82.6
272	13.9	0.0	31.9



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

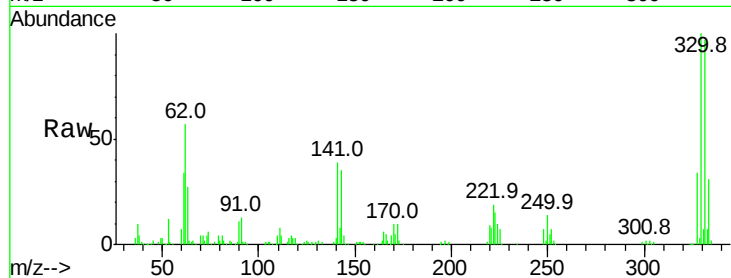




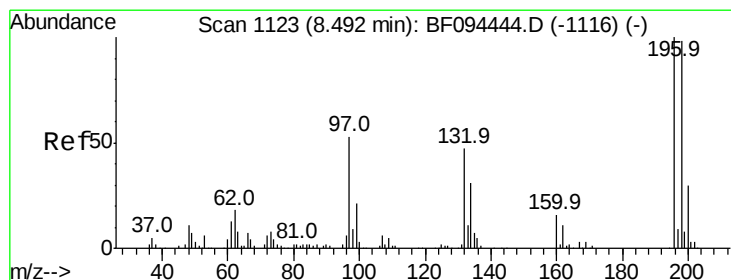
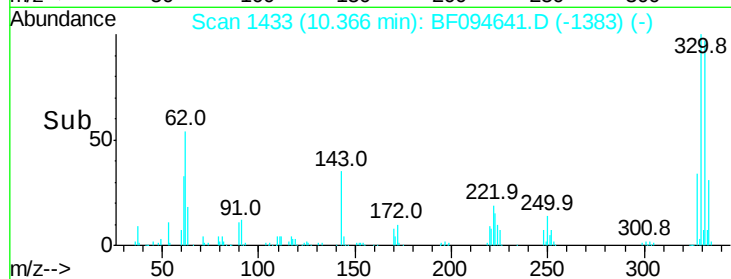
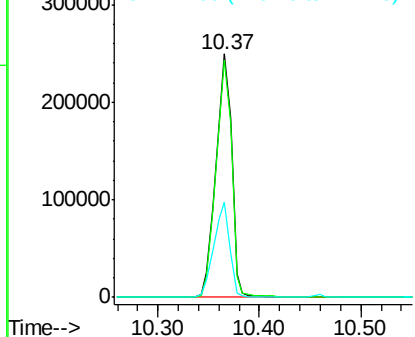
#41
 2,4,6-Tribromophenol
 Concen: 145.34 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 273026
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 38.8 31.4 47.2

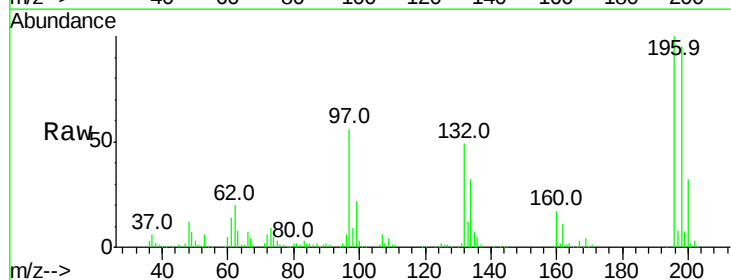


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

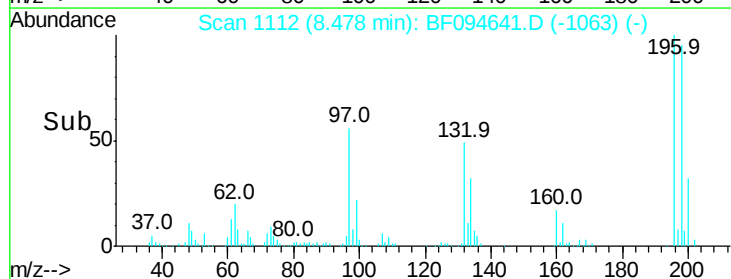
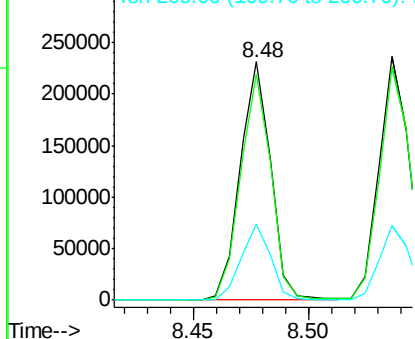


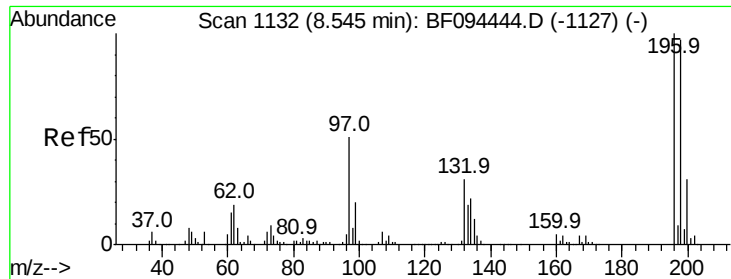
#42
 2,4,6-Trichlorophenol
 Concen: 44.48 ng
 RT: 8.48 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

Tgt Ion:196 Resp: 213626
 Ion Ratio Lower Upper
 196 100
 198 94.6 74.2 111.4
 200 31.8 24.0 36.0



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

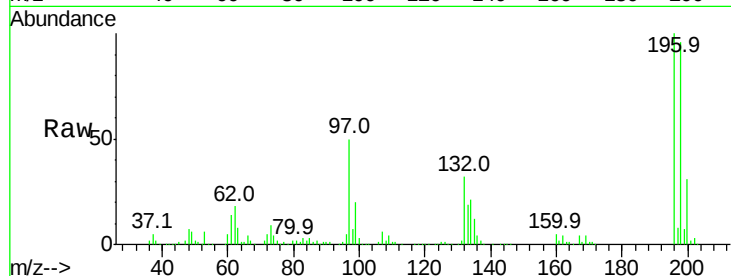




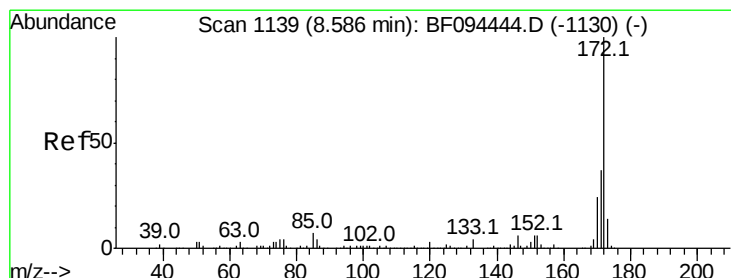
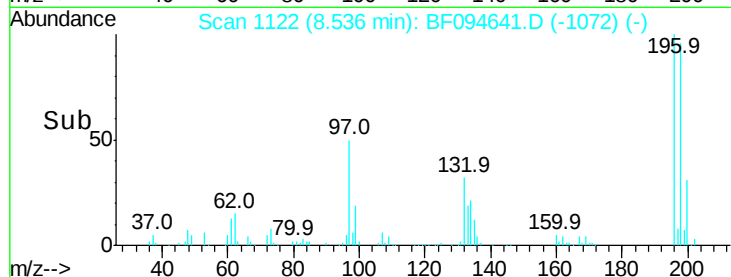
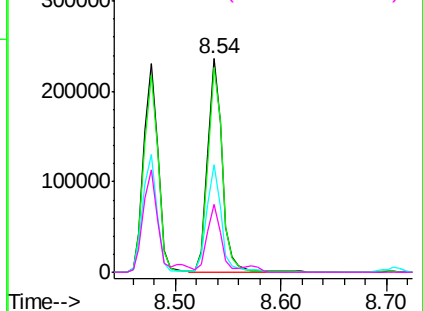
#43
 2,4,5-Trichlorophenol
 Concen: 46.46 ng
 RT: 8.54 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.7	113.5
97	50.3	47.7	71.5
132	31.9	28.0	42.0

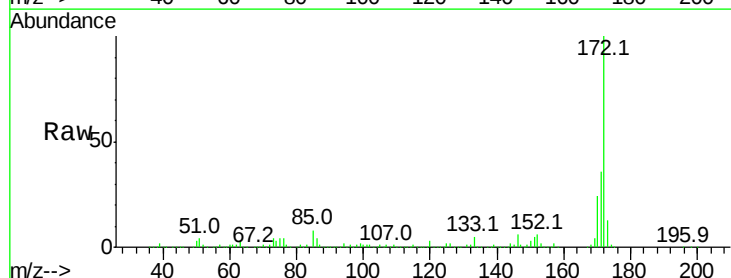


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

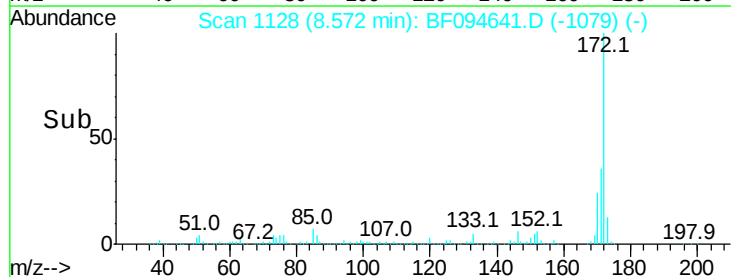
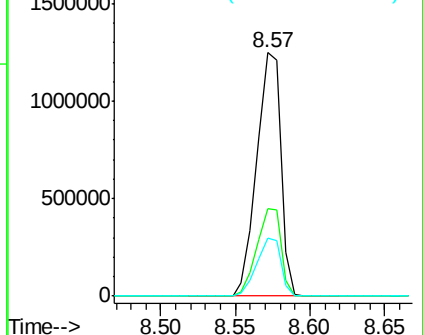


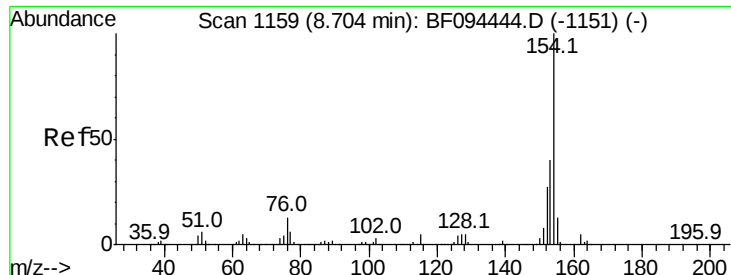
#44
 2-Fluorobiphenyl
 Concen: 84.92 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.6	19.8	29.8



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: 42.95 ng

RT: 8.69 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Instrument :

BNA_F

ClientSampleId :

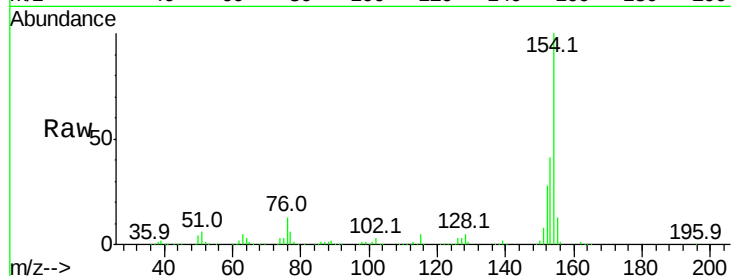
Tot Ion:154 Resp: 842858

Ion Ratio Lower Upper

154 100

153 40.8 21.2 61.2

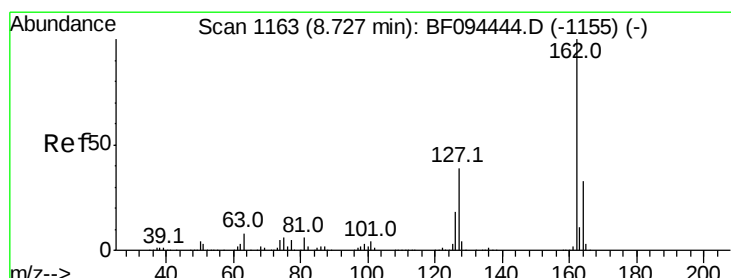
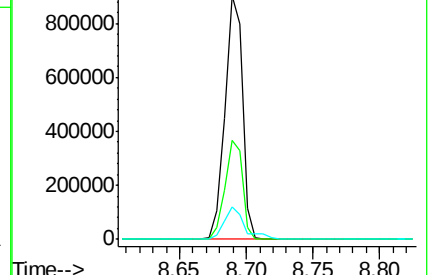
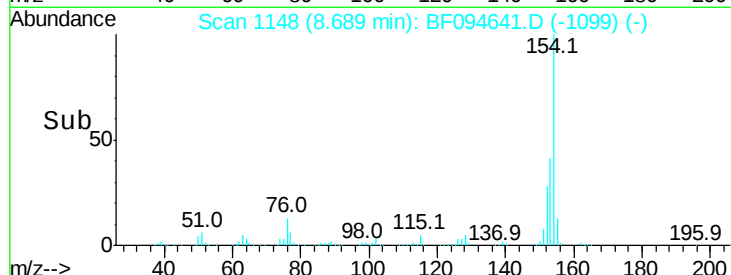
76 13.2 0.0 29.9



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: 43.12 ng

RT: 8.71 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

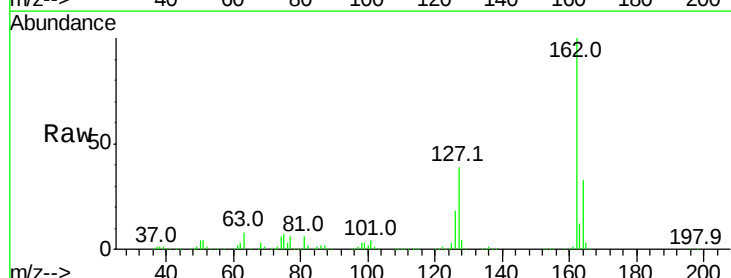
Tgt Ion:162 Resp: 672692

Ion Ratio Lower Upper

162 100

127 39.1 28.3 42.5

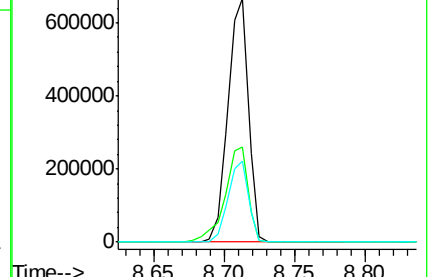
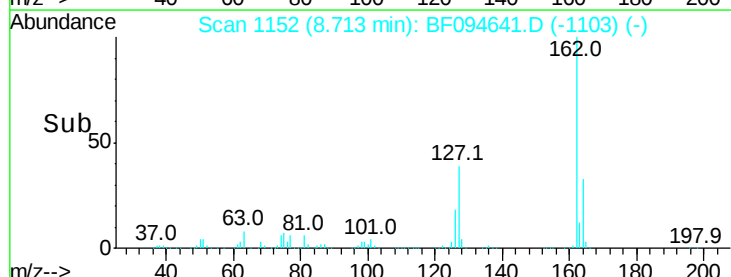
164 33.2 27.0 40.4

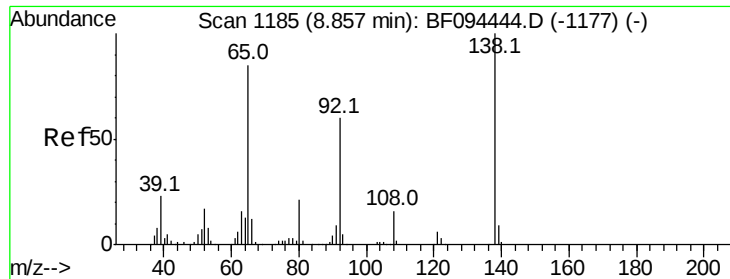


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

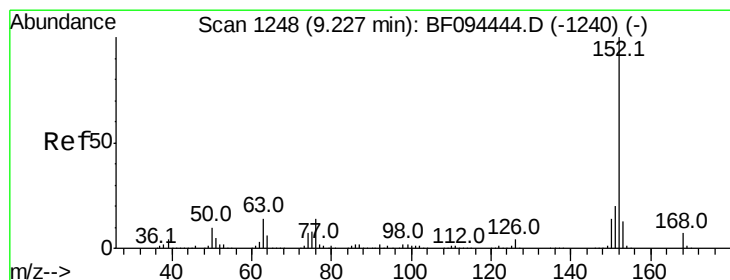
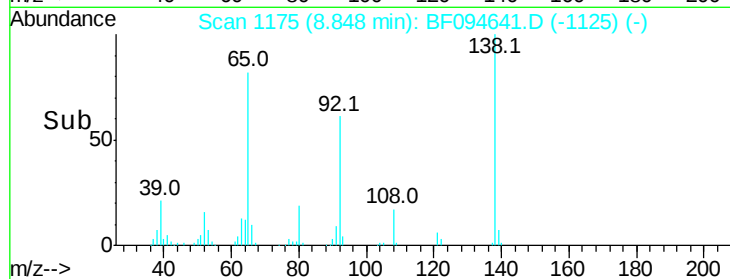
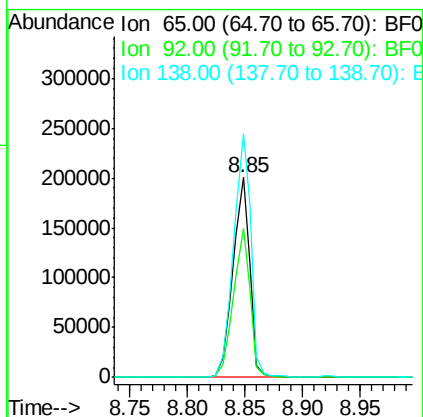
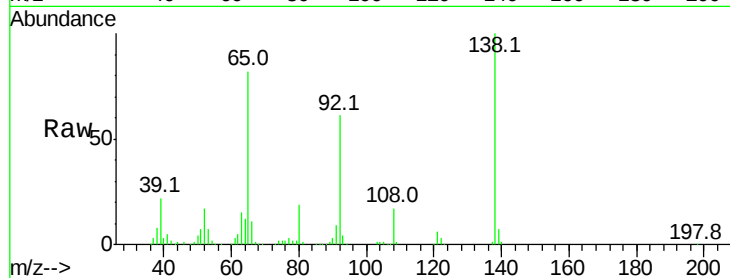




#47
2-Nitroaniline
Concen: 45.17 ng
RT: 8.85 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF094641.D
Acq: 26 Apr 2017 12:43

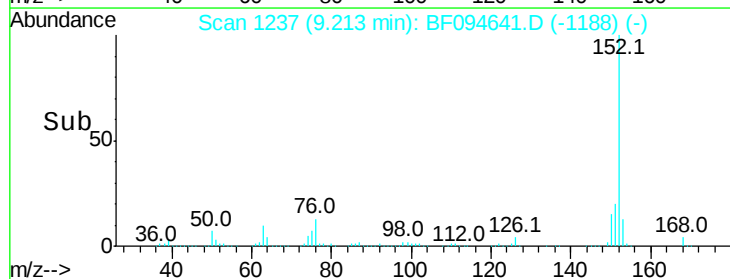
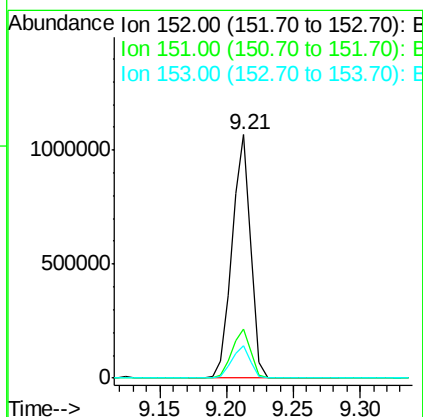
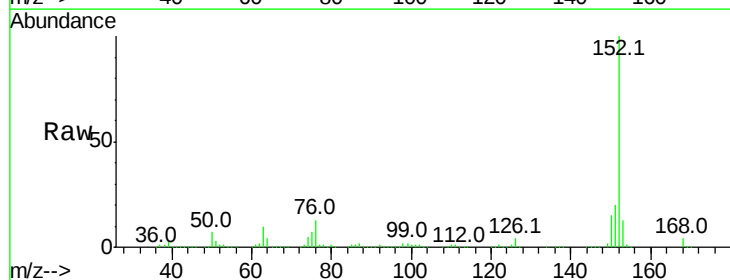
Instrument :
BNA_F
ClientSampleId :

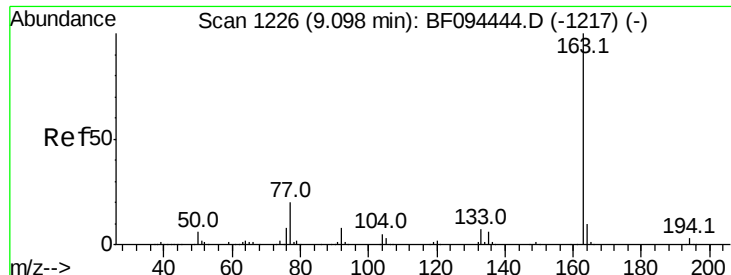
Tot Ion: 65 Resp: 202752
Ion Ratio Lower Upper
65 100
92 74.2 53.9 80.9
138 121.8 78.8 118.2#



#48
Acenaphthylene
Concen: 42.80 ng
RT: 9.21 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF094641.D
Acq: 26 Apr 2017 12:43

Tgt Ion: 152 Resp: 1041083
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 13.2 10.8 16.2

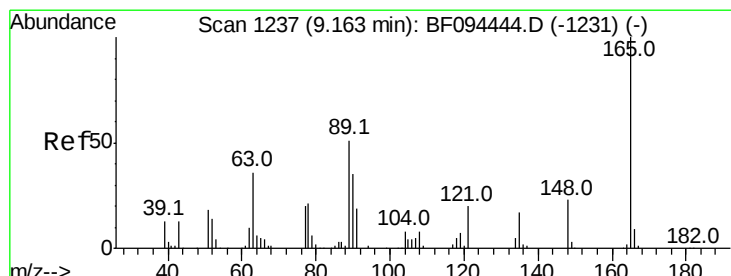
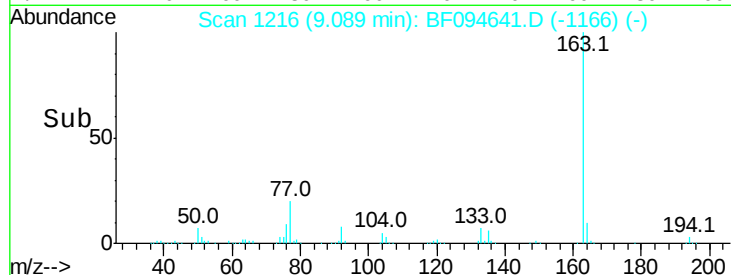
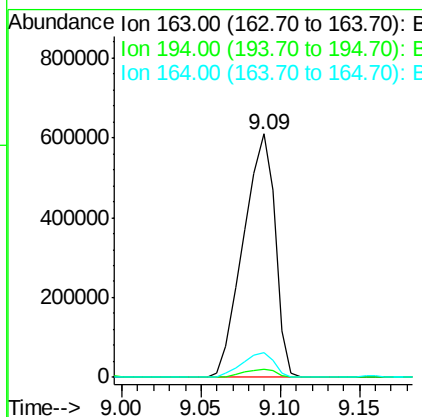
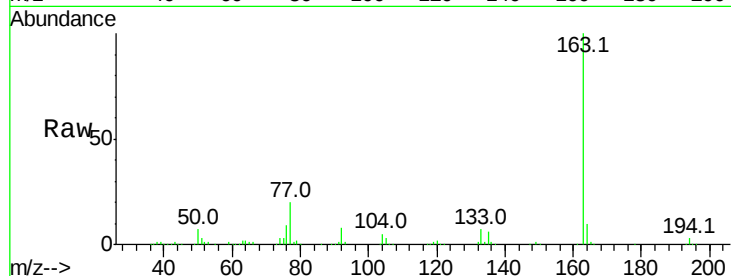




#49
Dimethylphthalate
Concen: 47.36 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF094641.D
Acq: 26 Apr 2017 12:43

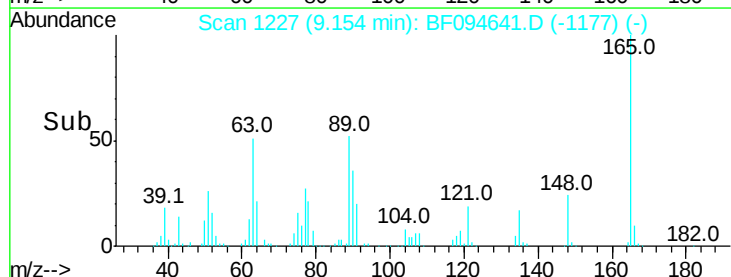
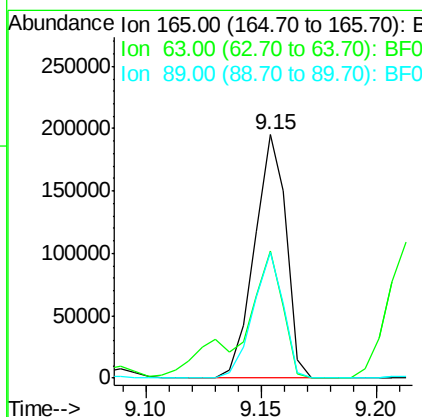
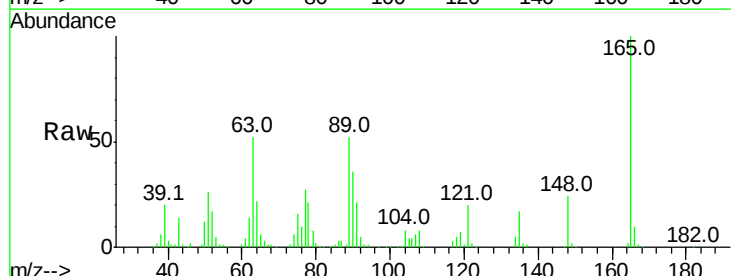
Instrument :
BNA_F
ClientSampleId :

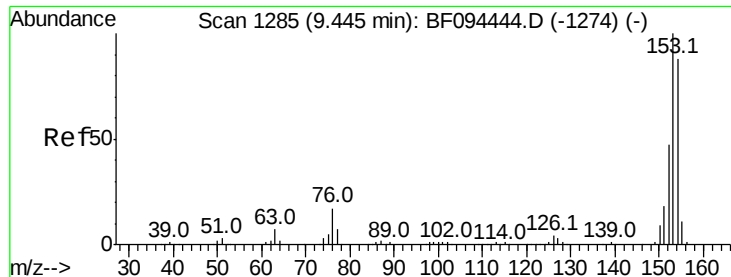
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.2	8.4	12.6



#50
2,6-Dinitrotoluene
Concen: 46.40 ng
RT: 9.15 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF094641.D
Acq: 26 Apr 2017 12:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.4	34.3	51.5#
89	51.5	37.1	55.7





#51

Acenaphthene

Concen: 43.65 ng

RT: 9.42 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Instrument :

BNA_F

ClientSampled :

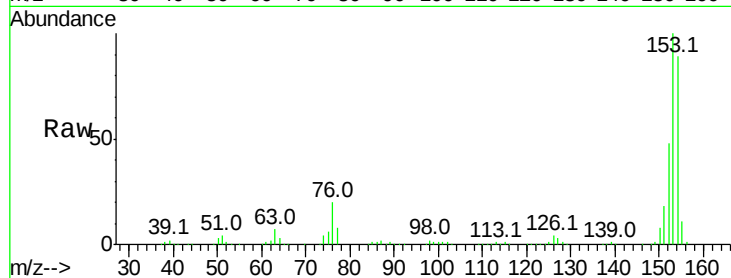
Tot Ion:154 Resp: 635817

Ion Ratio Lower Upper

154 100

153 112.1 90.5 135.7

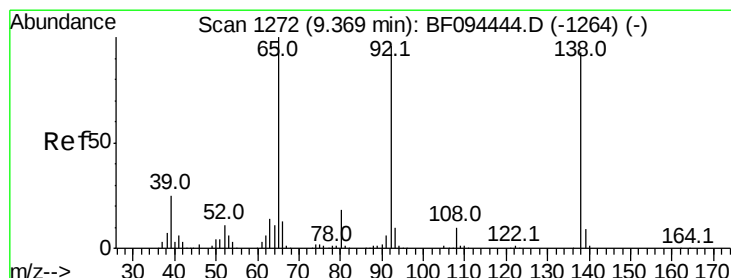
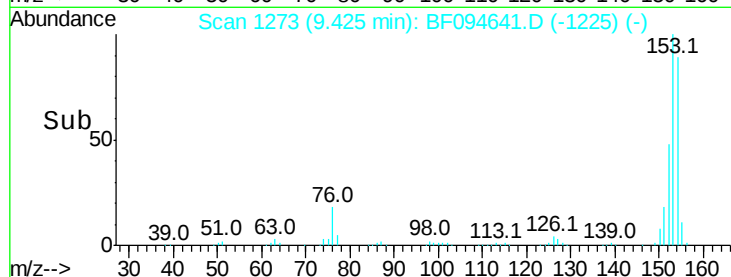
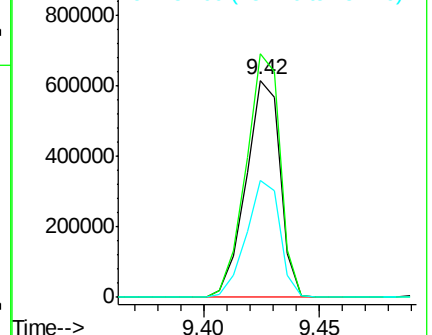
152 53.6 43.6 65.4



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: 28.33 ng

RT: 9.36 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

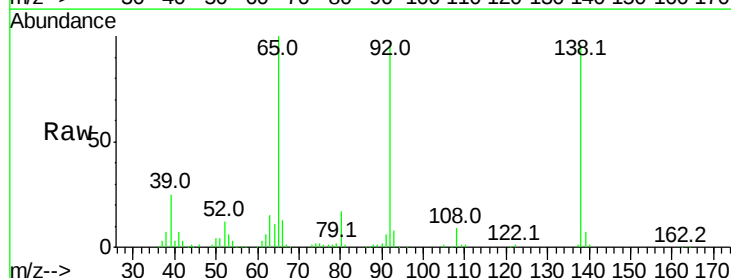
Tgt Ion:138 Resp: 131677

Ion Ratio Lower Upper

138 100

108 9.5 9.1 13.7

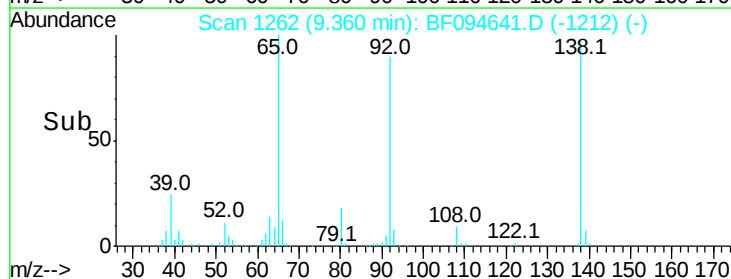
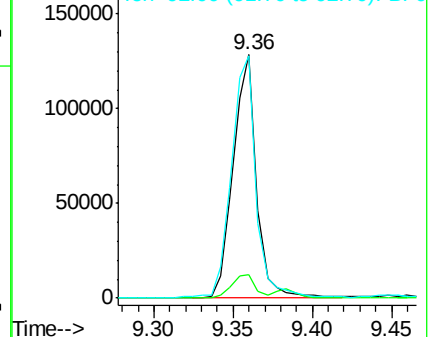
92 99.7 93.8 140.6

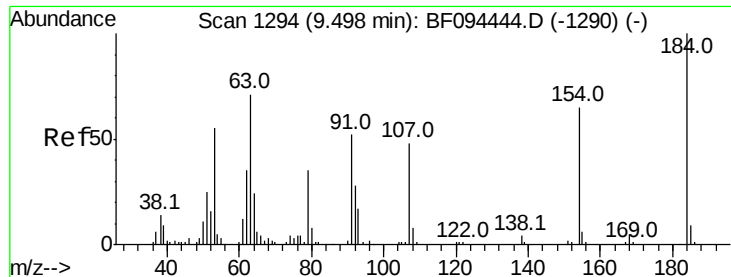


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

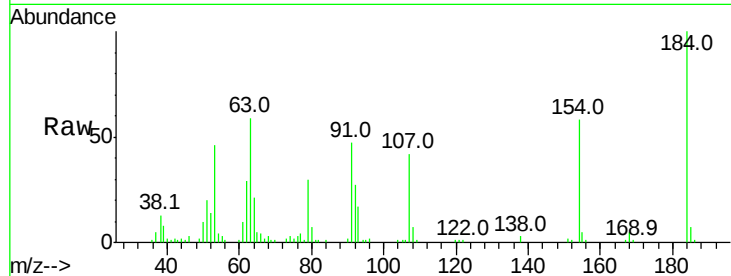




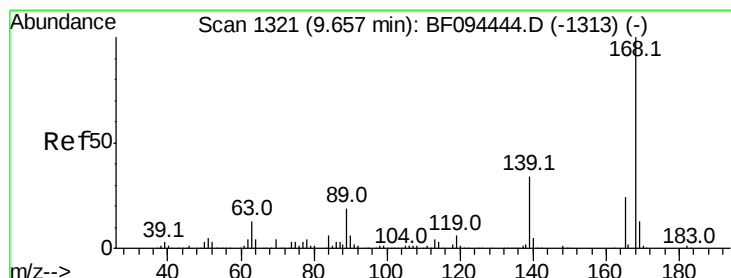
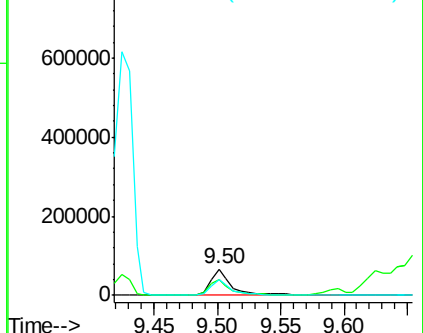
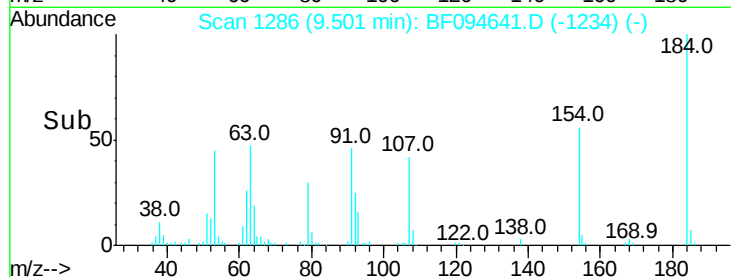
#53
 2,4-Dinitrophenol
 Concen: 39.50 ng
 RT: 9.50 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 79256
 Ion Ratio Lower Upper
 184 100
 63 58.7 62.7 94.1#
 154 57.7 81.1 121.7#

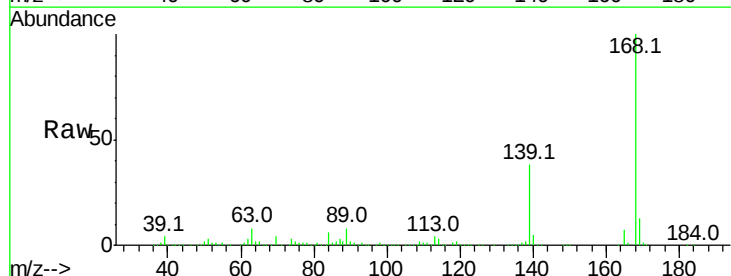


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

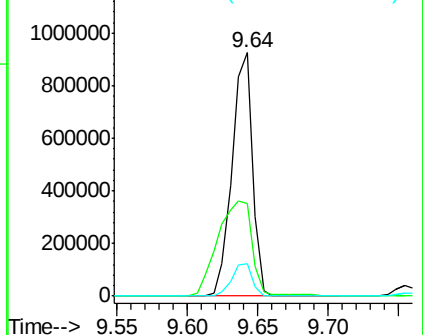
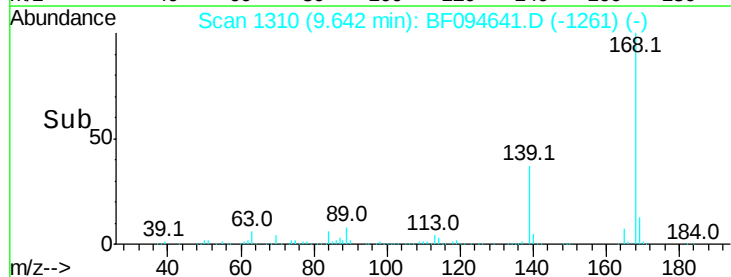


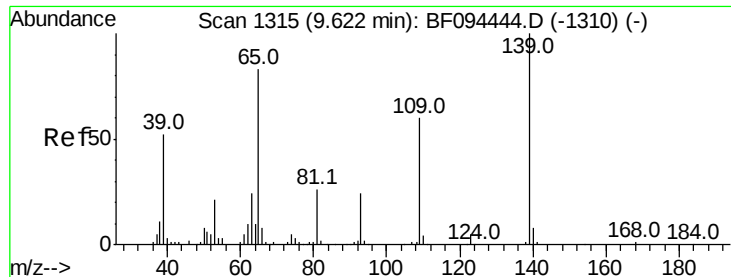
#54
 Dibenzofuran
 Concen: 44.06 ng
 RT: 9.64 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

Tgt Ion:168 Resp: 932952
 Ion Ratio Lower Upper
 168 100
 139 38.3 30.6 45.8
 169 13.3 10.8 16.2



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: 190.58 ng

RT: 9.64 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Instrument :

BNA_F

ClientSampleId :

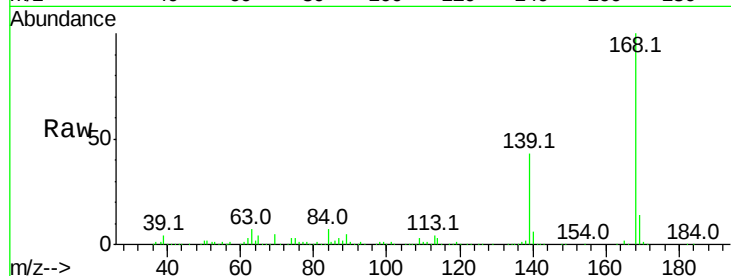
Tot Ion:139 Resp: 625790

Ion Ratio Lower Upper

139 100

109 6.3 34.1 74.1#

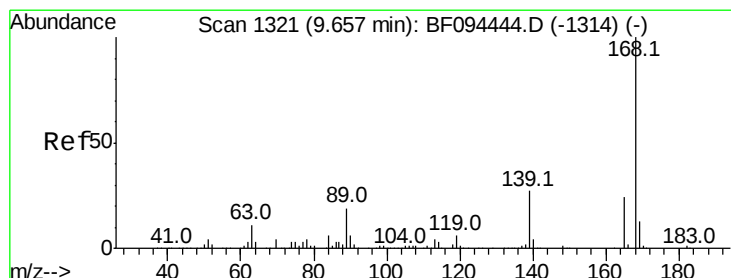
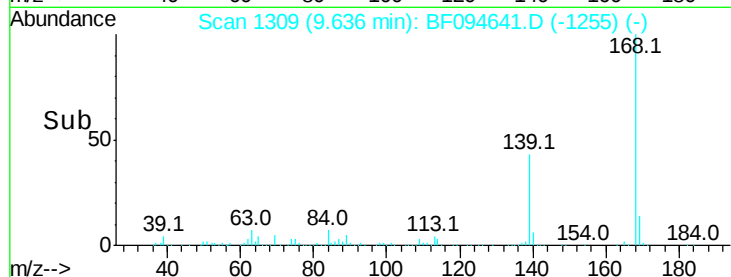
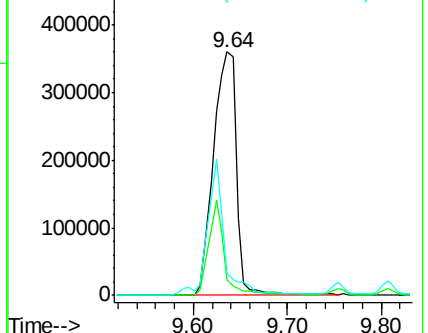
65 9.1 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 50.98 ng

RT: 9.65 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Tgt Ion:165 Resp: 251277

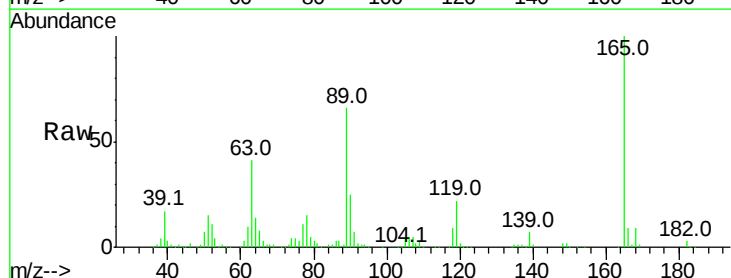
Ion Ratio Lower Upper

165 100

63 41.1 25.4 38.0#

89 66.3 46.4 69.6

182 2.6 1.8 2.6

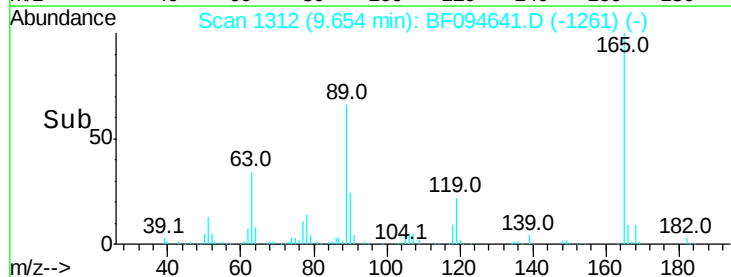
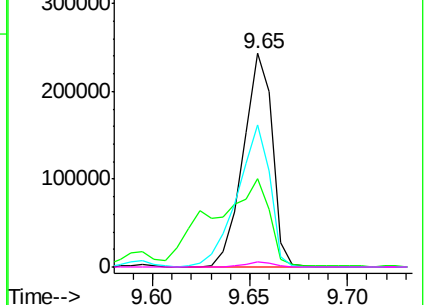


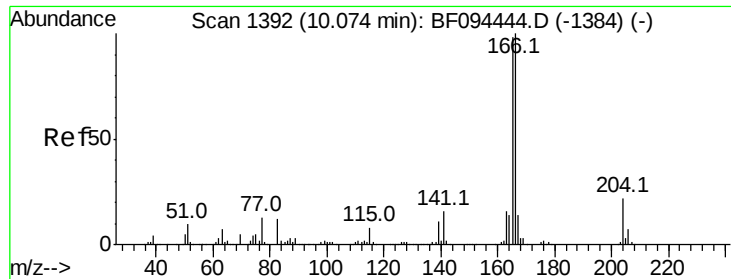
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.79 ng

RT: 10.06 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Instrument :

BNA_F

ClientSampleId :

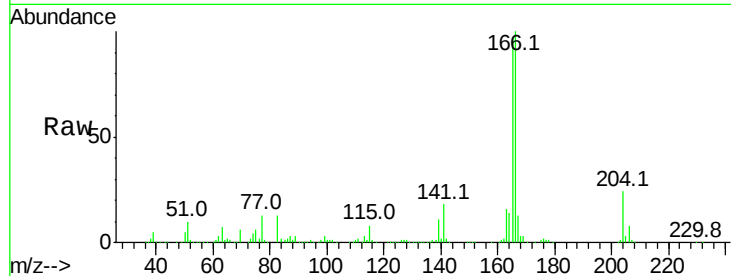
Tot Ion:166 Resp: 721939

Ion Ratio Lower Upper

166 100

165 97.3 78.8 118.2

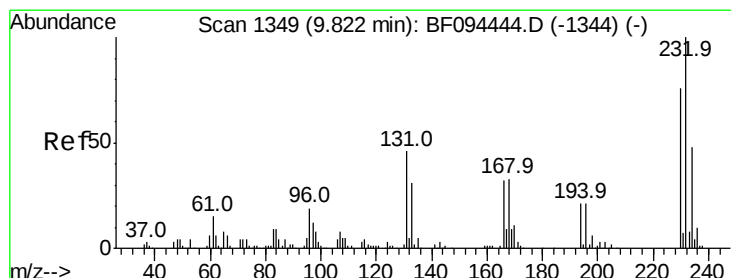
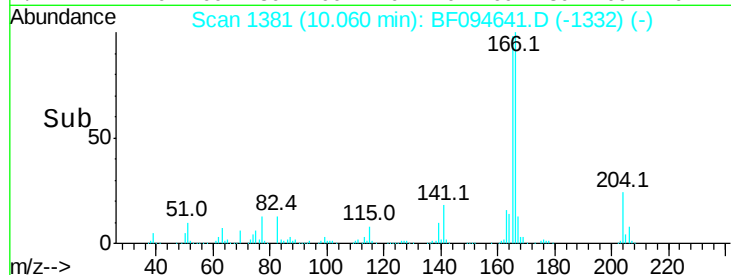
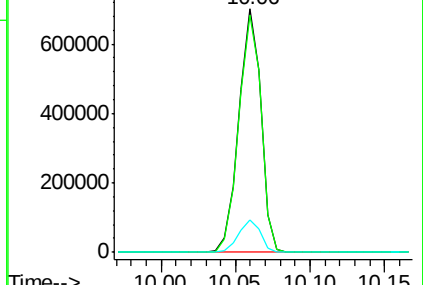
167 13.4 10.6 16.0



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: 49.77 ng

RT: 9.81 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Tgt Ion:232 Resp: 175939

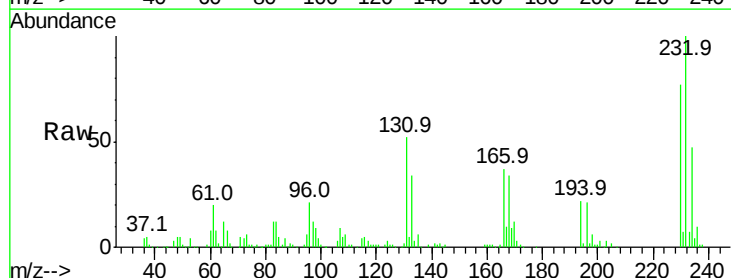
Ion Ratio Lower Upper

232 100

131 49.9 44.8 67.2

130 2.4 2.3 3.5

166 34.3 29.0 43.4

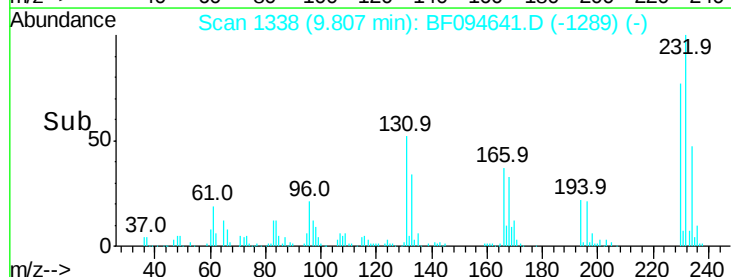
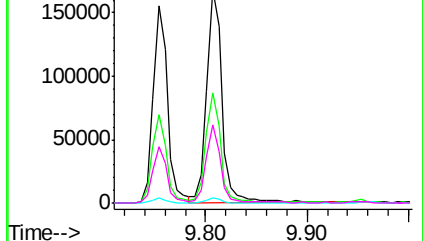


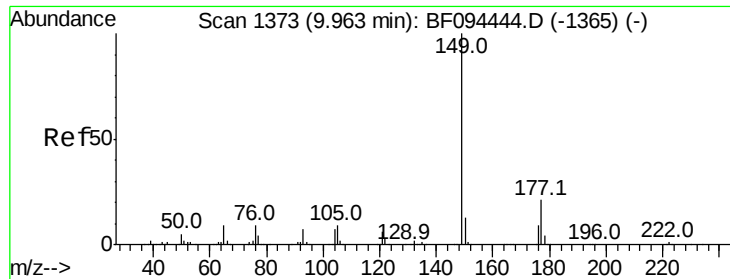
Abundance Ion 232.00 (231.70 to 232.70): E

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

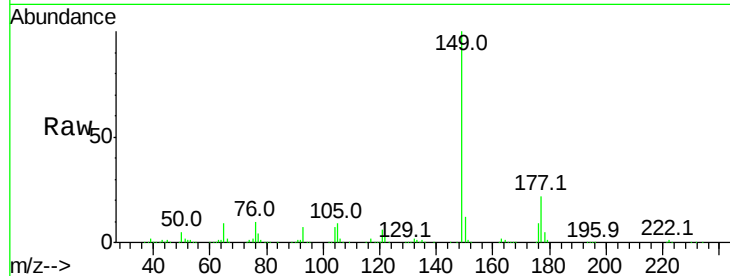




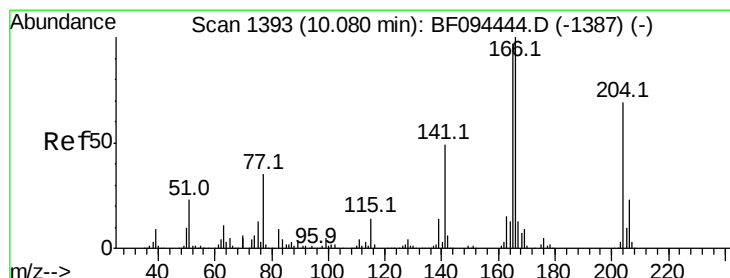
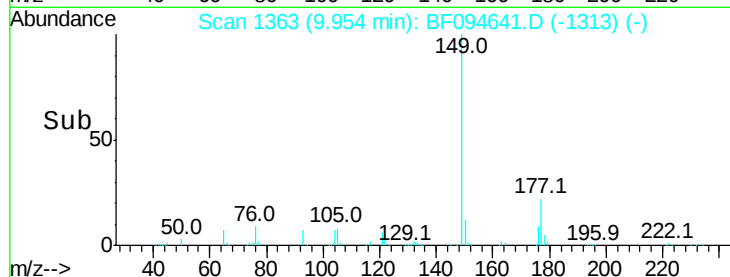
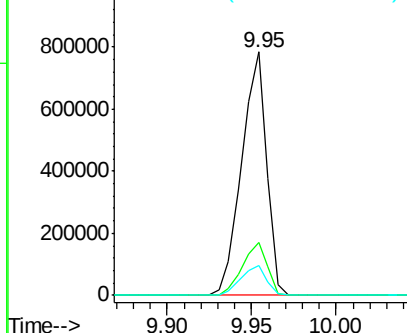
#59
Diethylphthalate
Concen: 47.90 ng
RT: 9.95 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF094641.D
Acq: 26 Apr 2017 12:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 808934
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.1 10.2 15.2

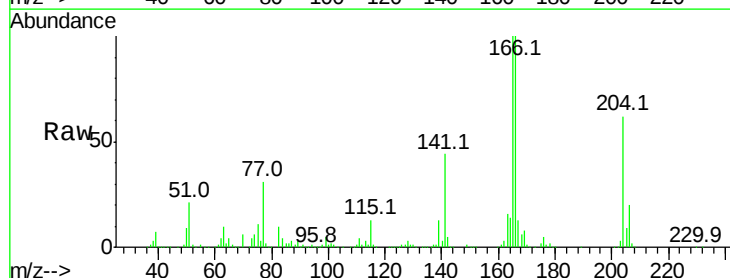


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

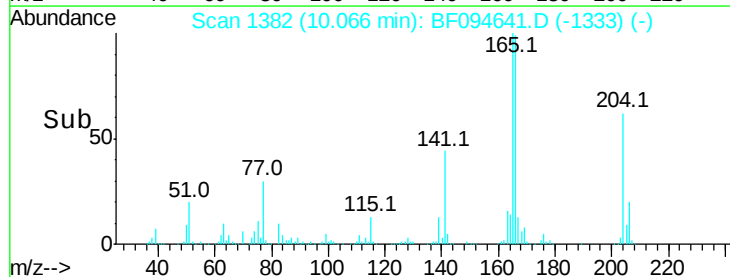
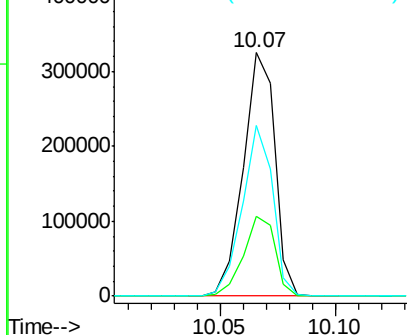


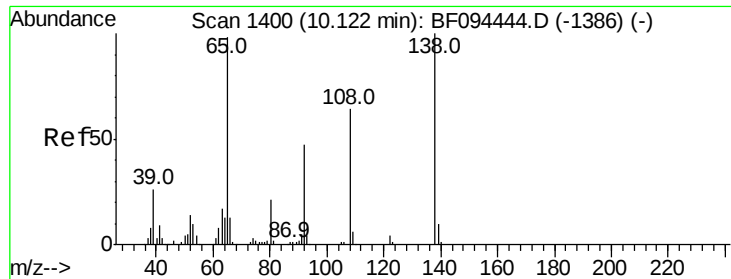
#60
4-Chlorophenyl-phenylether
Concen: 45.43 ng
RT: 10.07 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF094641.D
Acq: 26 Apr 2017 12:43

Tgt Ion:204 Resp: 311746
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 70.3 60.8 91.2



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

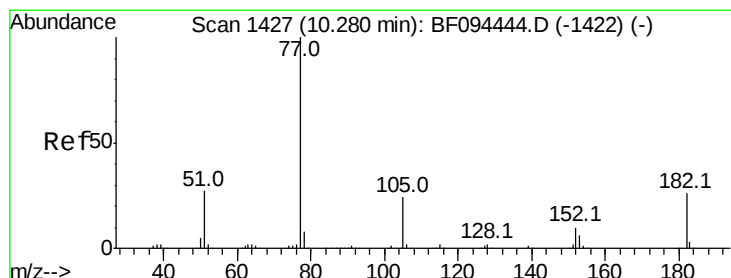
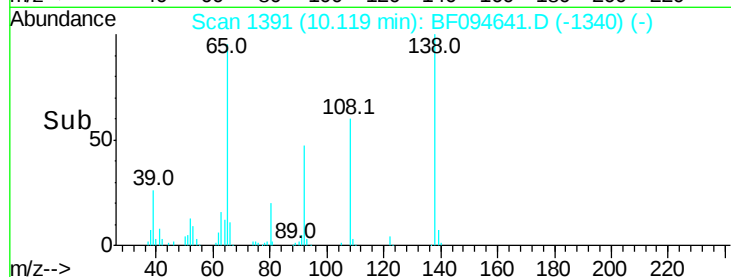
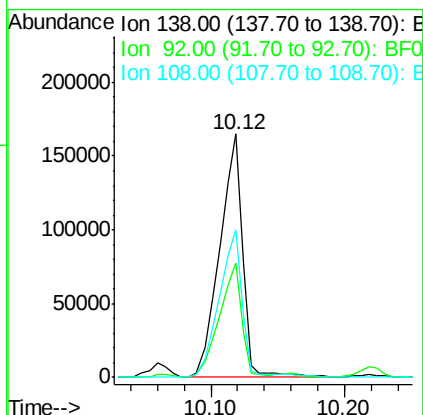
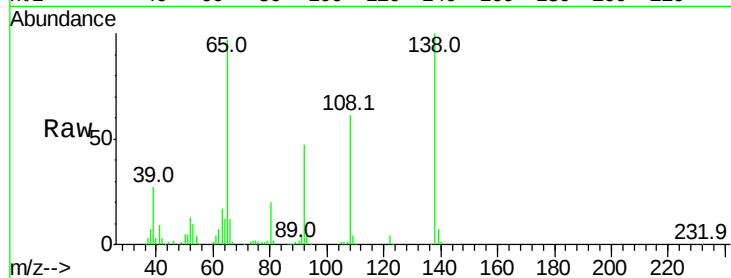




#61
4-Nitroaniline
Concen: 42.50 ng
RT: 10.12 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF094641.D
Acq: 26 Apr 2017 12:43

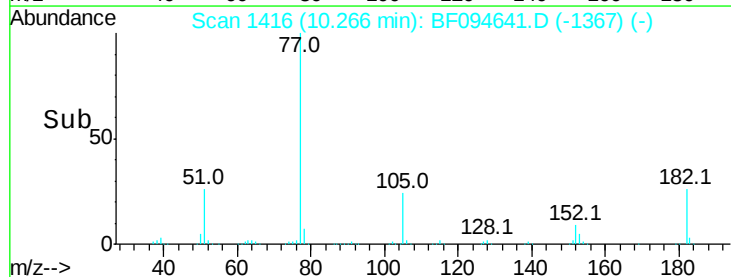
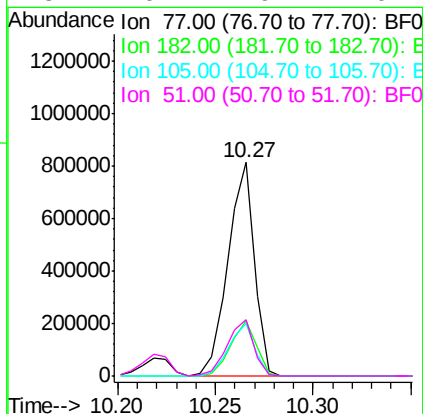
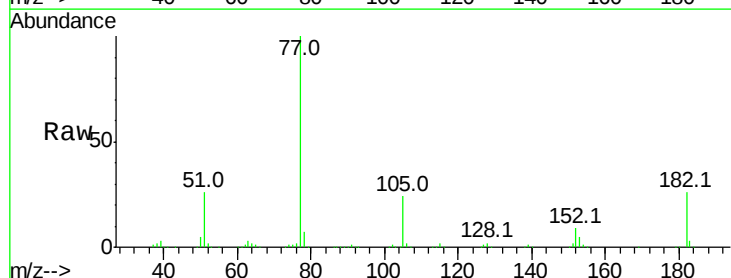
Instrument :
BNA_F
ClientSampled :

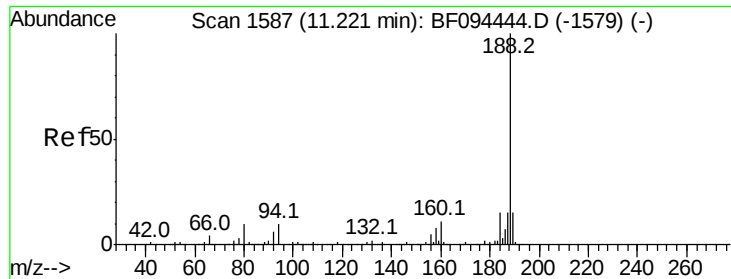
Tot Ion:138 Resp: 200809
Ion Ratio Lower Upper
138 100
92 47.0 21.8 61.8
108 60.5 42.3 82.3



#62
Azobenzene
Concen: 46.48 ng
RT: 10.27 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF094641.D
Acq: 26 Apr 2017 12:43

Tgt Ion: 77 Resp: 762119
Ion Ratio Lower Upper
77 100
182 25.7 0.1 40.1
105 24.4 3.6 43.6
51 26.2 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Instrument :

BNA_F

ClientSampleId :

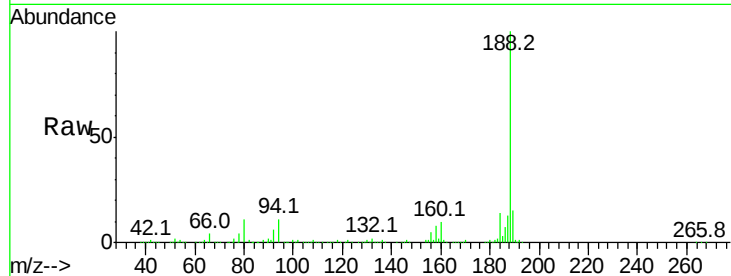
Tot Ion:188 Resp: 436708

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

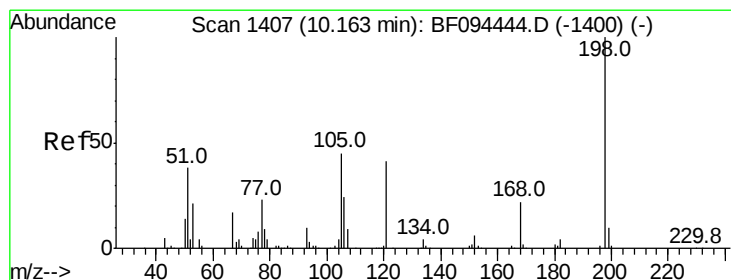
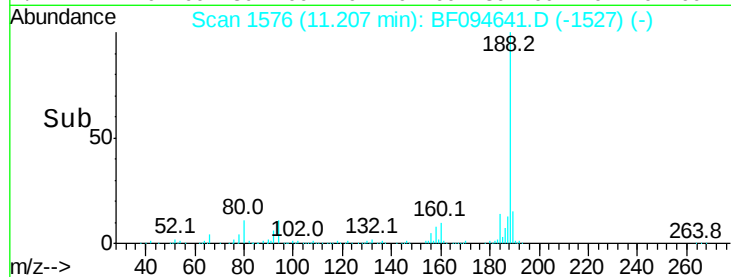
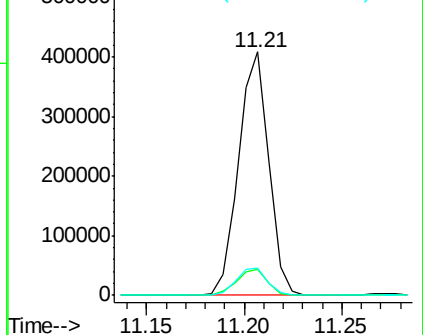
80 11.1 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 29.61 ng

RT: 10.16 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

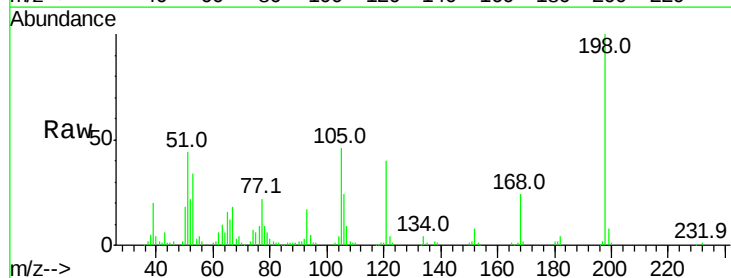
Tgt Ion:198 Resp: 84730

Ion Ratio Lower Upper

198 100

51 43.6 53.2 93.2#

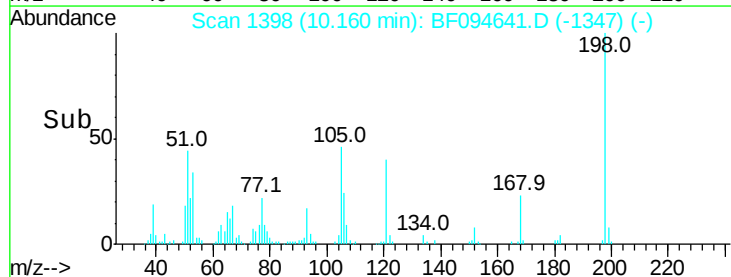
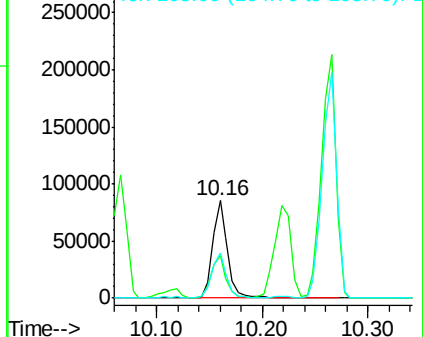
105 46.1 45.8 85.8

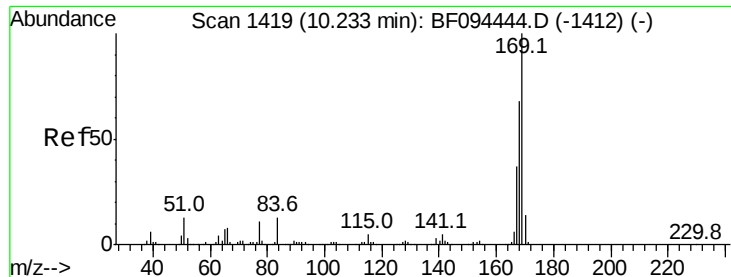


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

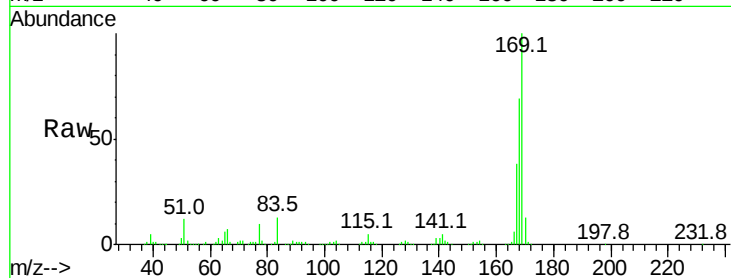




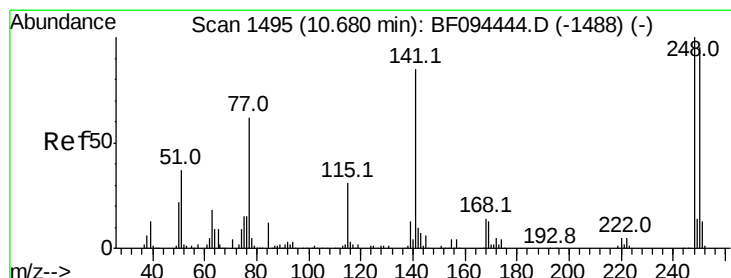
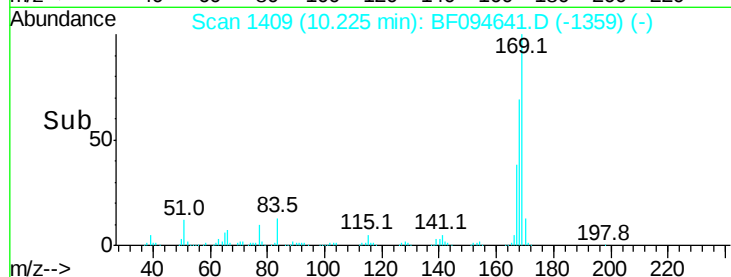
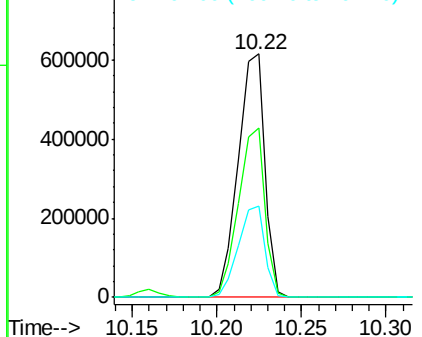
#65
 n-Nitrosodiphenylamine
 Concen: 44.84 ng
 RT: 10.22 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 680973
 Ion Ratio Lower Upper
 169 100
 168 69.5 53.2 79.8
 167 37.7 29.5 44.3

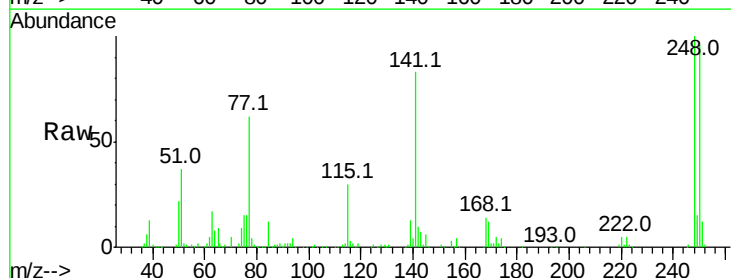


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

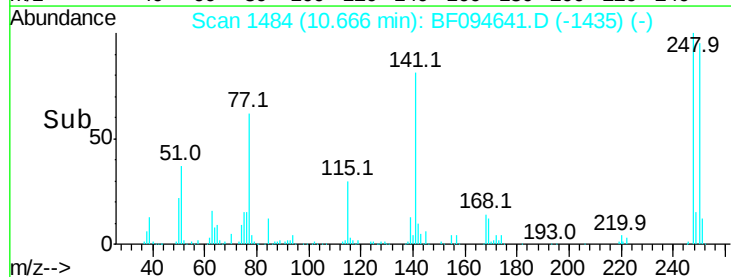
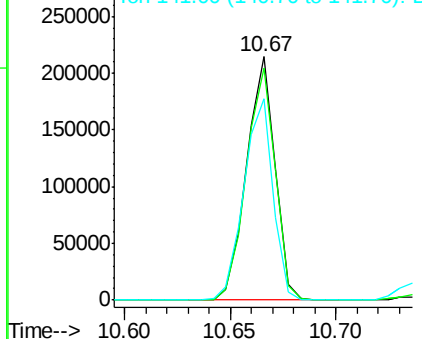


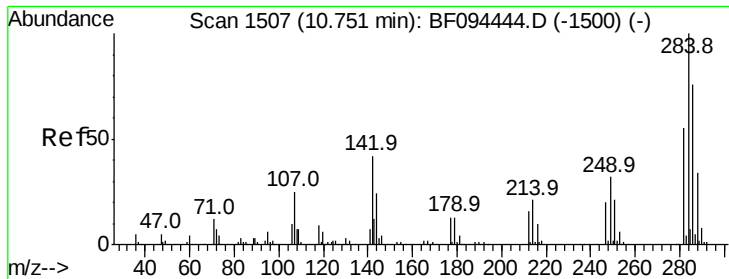
#66
 4-Bromophenyl-phenylether
 Concen: 46.16 ng
 RT: 10.67 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

Tgt Ion:248 Resp: 200154
 Ion Ratio Lower Upper
 248 100
 250 95.5 76.8 115.2
 141 82.9 68.6 103.0



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

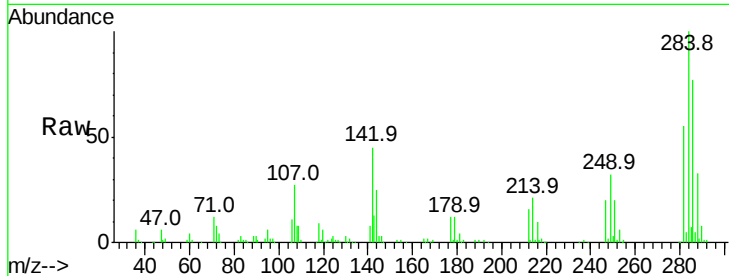




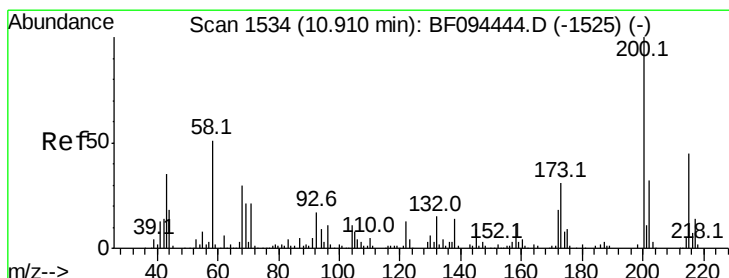
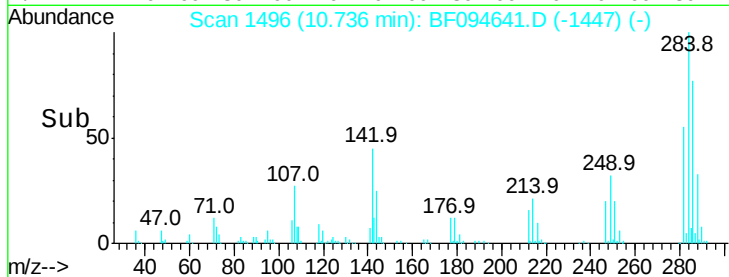
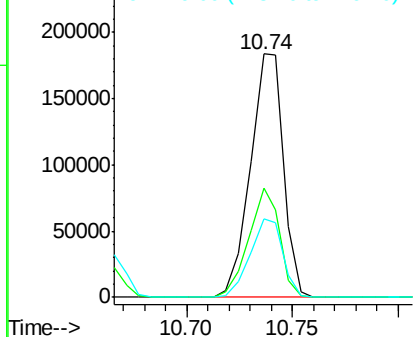
#67
Hexachlorobenzene
Concen: 45.62 ng
RT: 10.74 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF094641.D
Acq: 26 Apr 2017 12:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 199354
Ion Ratio Lower Upper
284 100
142 44.9 22.8 34.2#
249 32.1 24.0 36.0

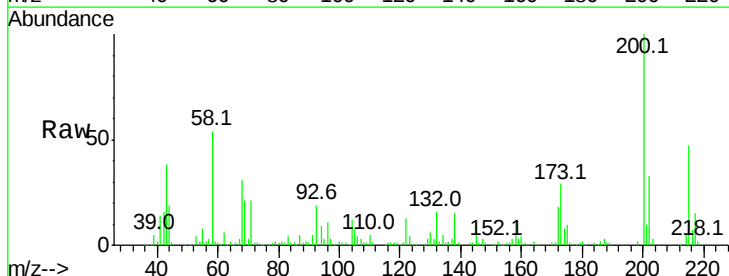


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

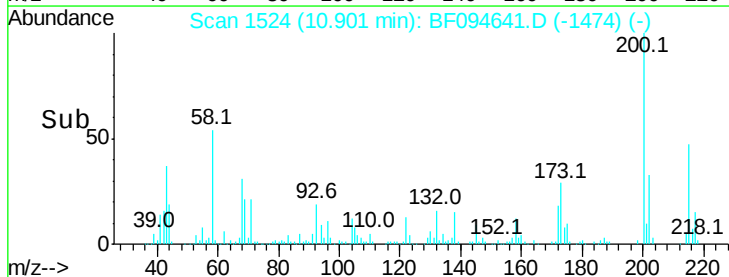
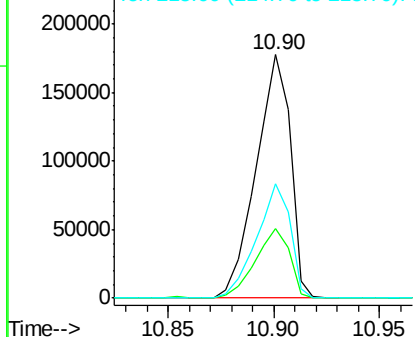


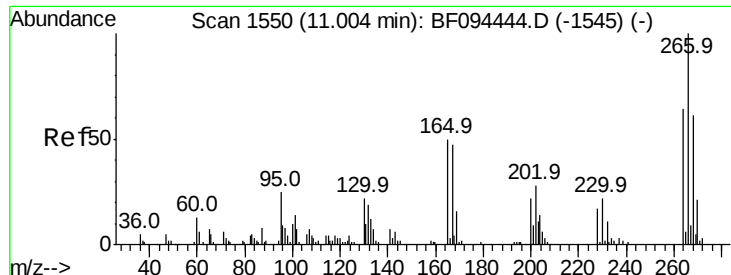
#68
Atrazine
Concen: 44.07 ng
RT: 10.90 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF094641.D
Acq: 26 Apr 2017 12:43

Tgt Ion:200 Resp: 200229
Ion Ratio Lower Upper
200 100
173 28.8 6.3 46.3
215 47.1 27.2 67.2



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

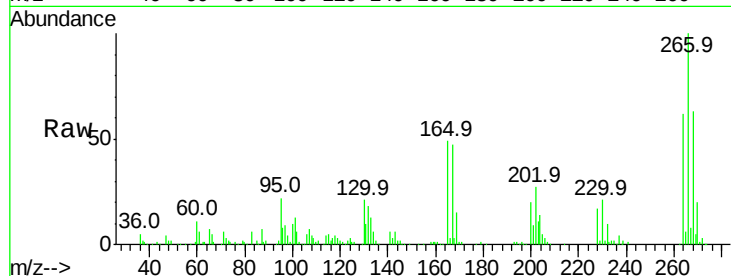




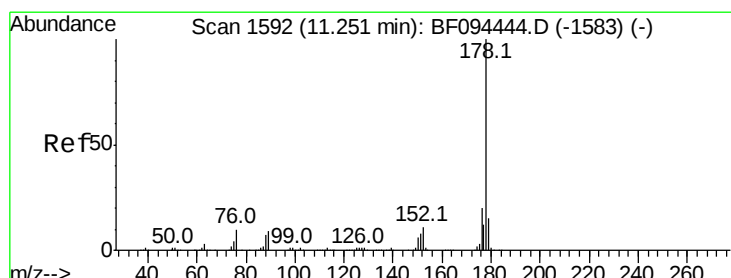
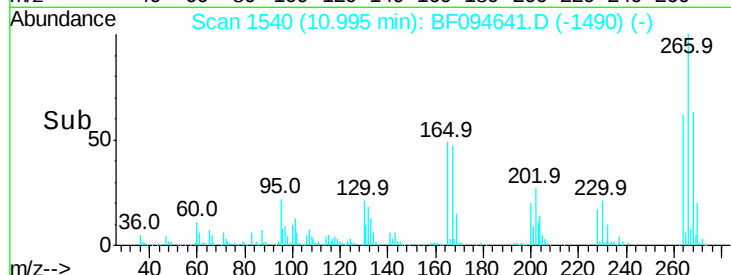
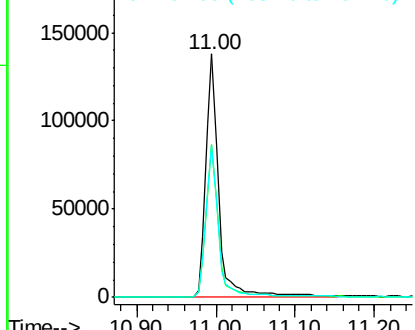
#69
 Pentachlorophenol
 Concen: 92.88 ng
 RT: 11.00 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.1	76.7
264	62.1	51.7	77.5

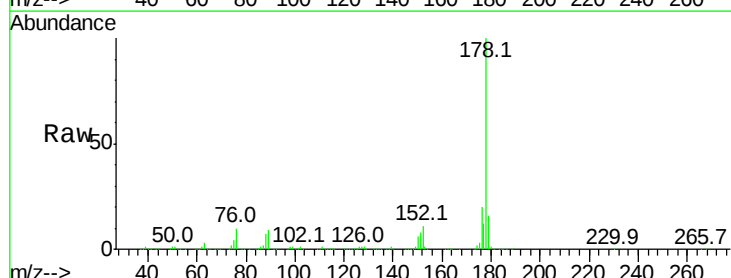


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

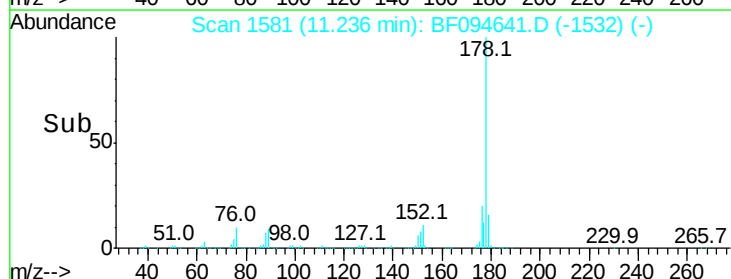
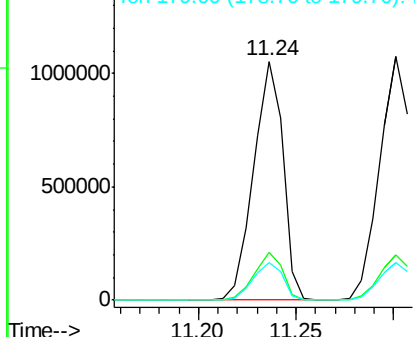


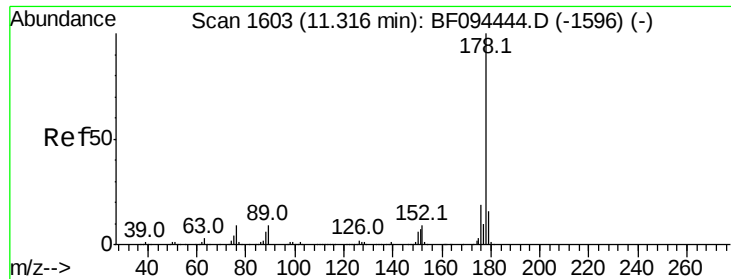
#70
 Phenanthrene
 Concen: 44.59 ng
 RT: 11.24 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.6	12.6	19.0



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

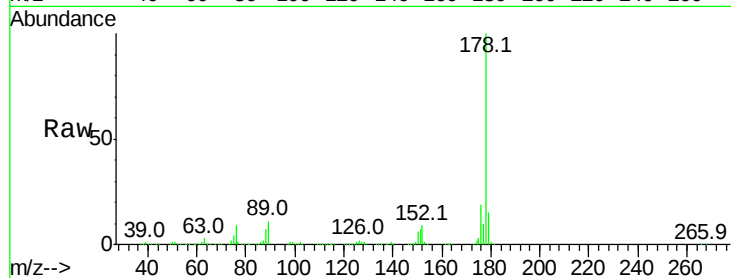




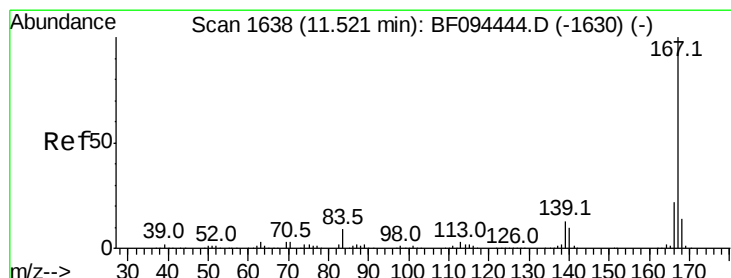
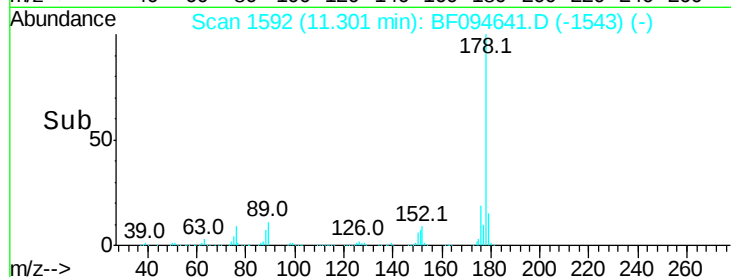
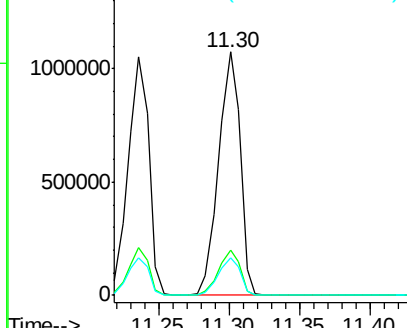
#71
 Anthracene
 Concen: 44.97 ng
 RT: 11.30 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 1144026
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.4 12.7 19.1

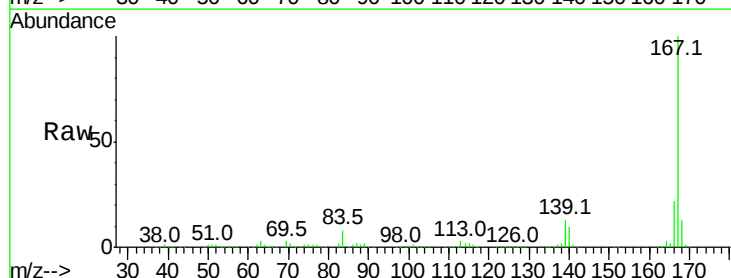


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

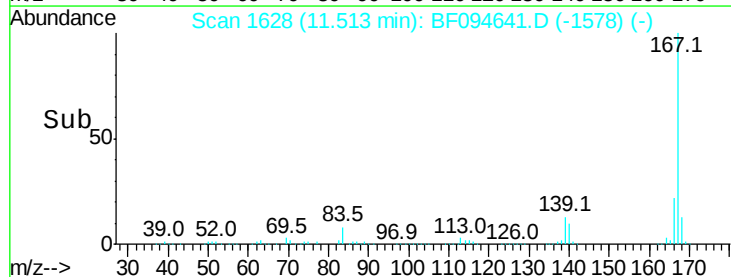
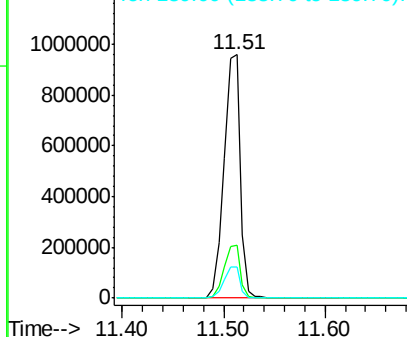


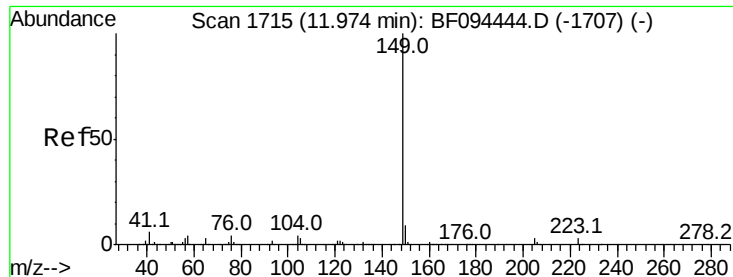
#72
 Carbazole
 Concen: 44.76 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

Tgt Ion:167 Resp: 1068606
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.1 27.1
 139 12.8 11.7 17.5



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





#73

Di-n-butylphthalate

Concen: 49.69 ng

RT: 11.96 min Scan# 1704

Delta R.T. -0.01 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Instrument :

BNA_F

ClientSampleId :

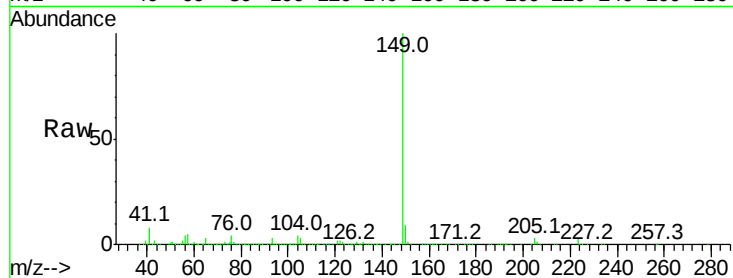
Tot Ion:149 Resp: 1306237

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

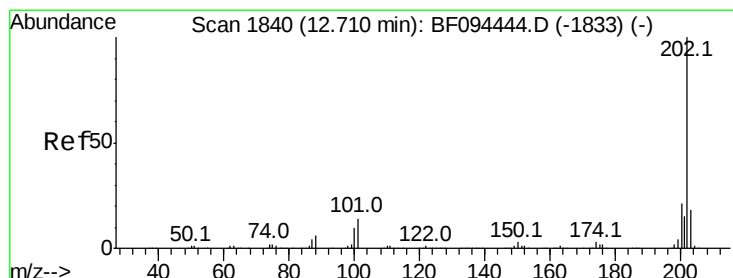
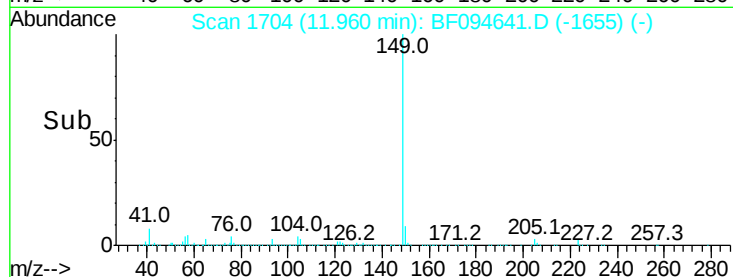
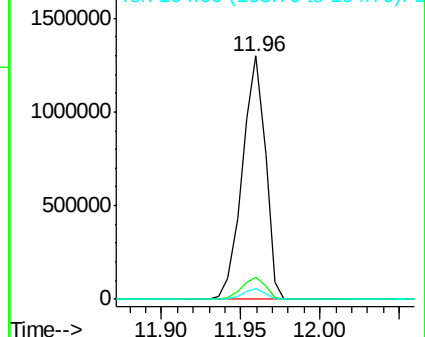
104 4.5 4.0 6.0



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: 45.13 ng

RT: 12.70 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

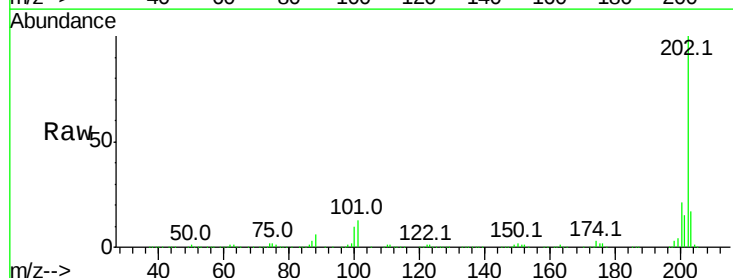
Tgt Ion:202 Resp: 1150297

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.2

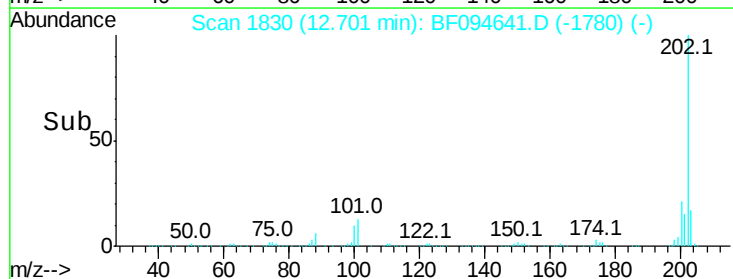
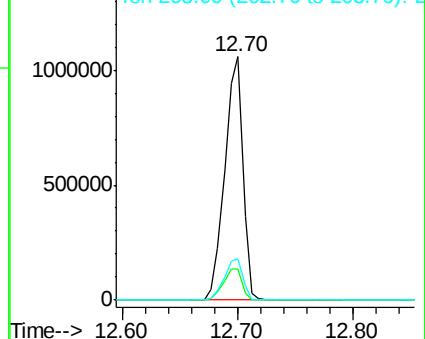
203 17.2 0.0 38.1

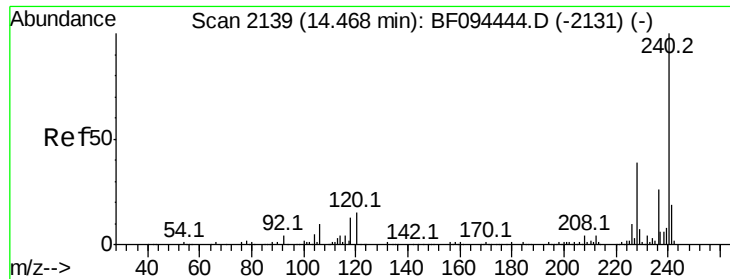


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Instrument :

BNA_F

ClientSampled :

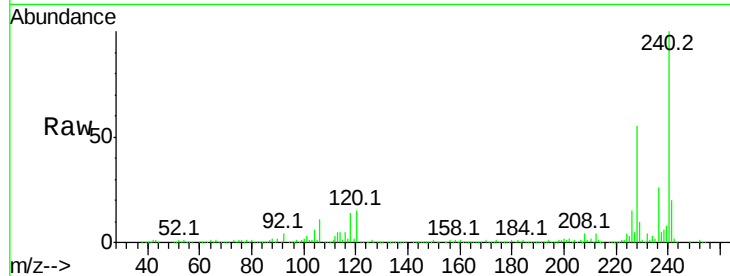
Tot Ion:240 Resp: 361604

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

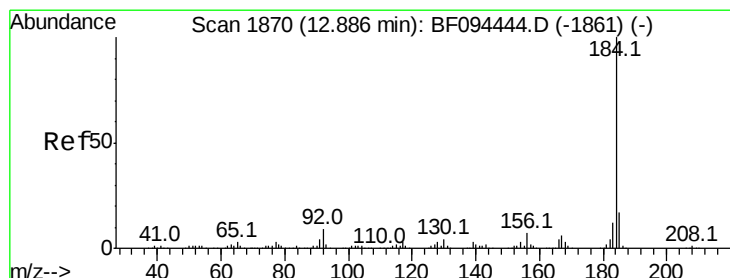
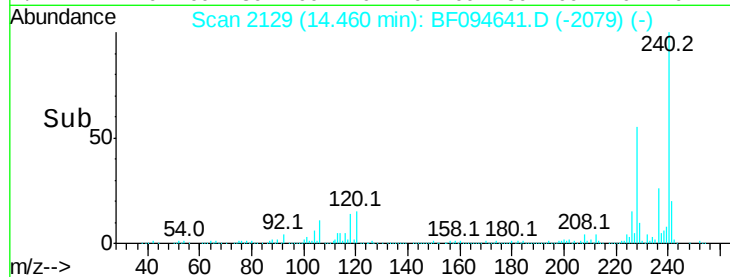
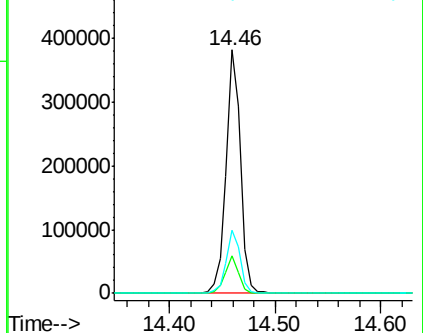
236 25.7 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.77 ng

RT: 12.88 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

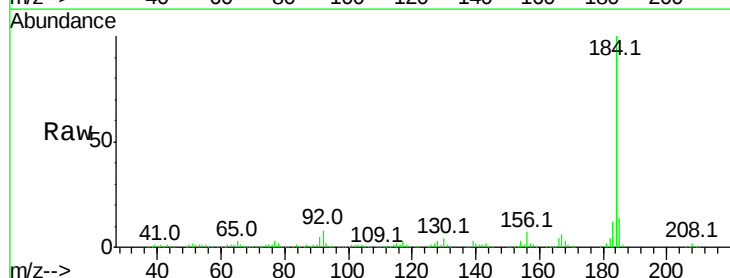
Tgt Ion:184 Resp: 509106

Ion Ratio Lower Upper

184 100

185 14.5 15.5 23.3#

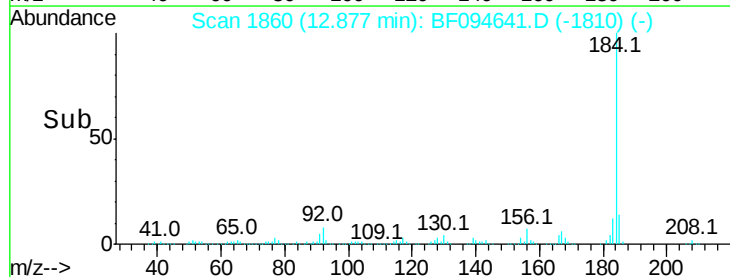
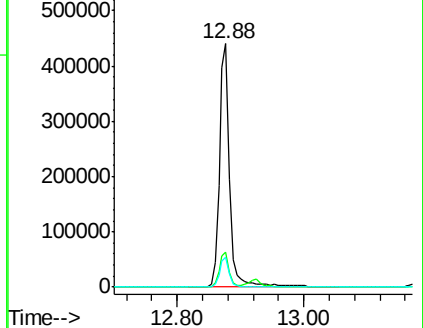
183 12.0 9.8 14.6

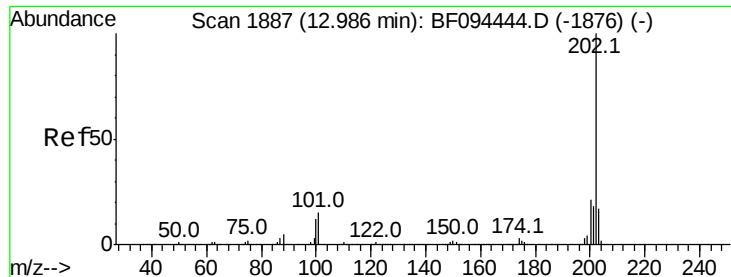


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.56 ng

RT: 12.98 min Scan# 1877

Delta R.T. -0.01 min

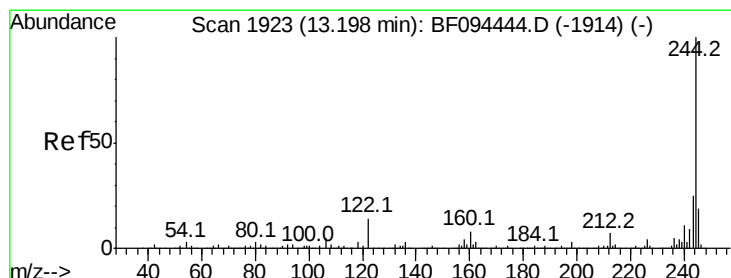
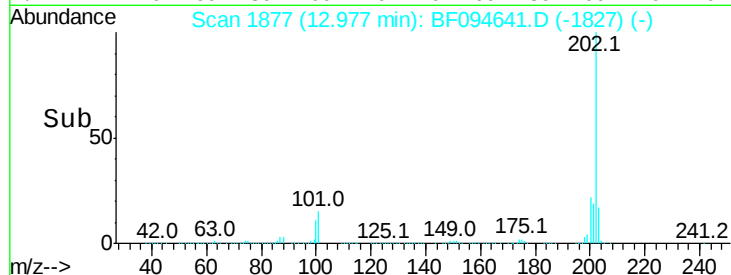
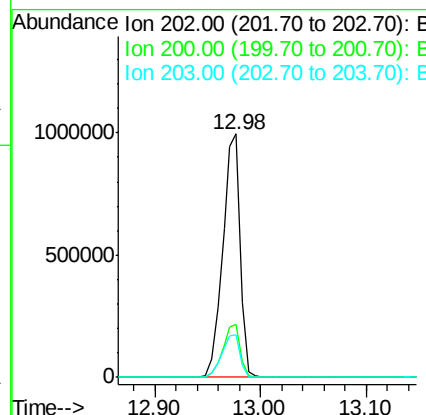
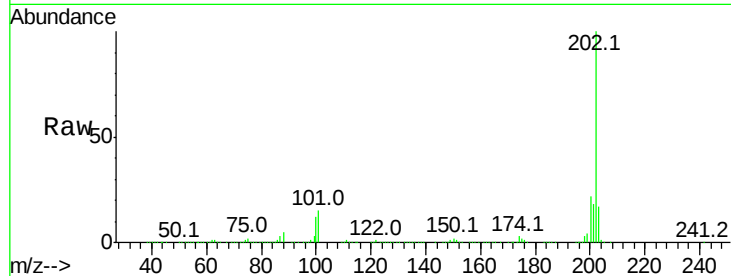
Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1150894

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	17.4	14.4	21.6



#78

Terphenyl-d14

Concen: 95.20 ng

RT: 13.19 min Scan# 1913

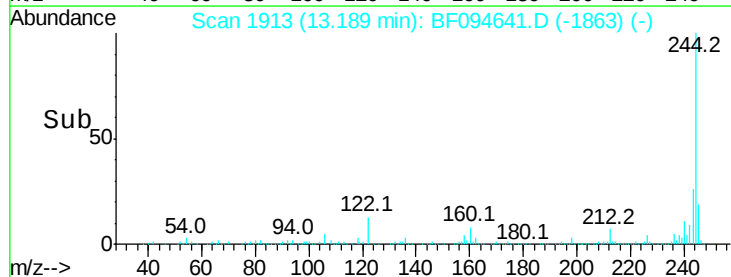
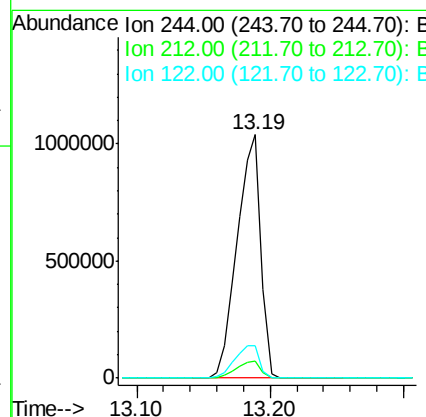
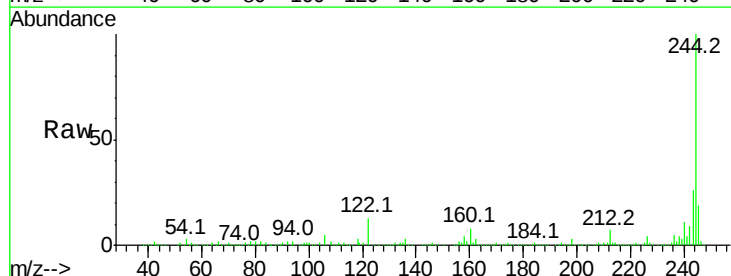
Delta R.T. -0.01 min

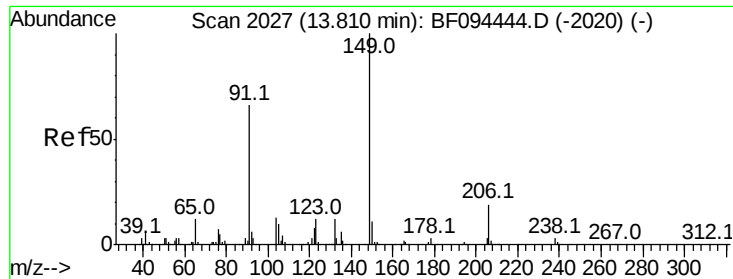
Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Tgt Ion:244 Resp: 1287947

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.3	10.3	15.5

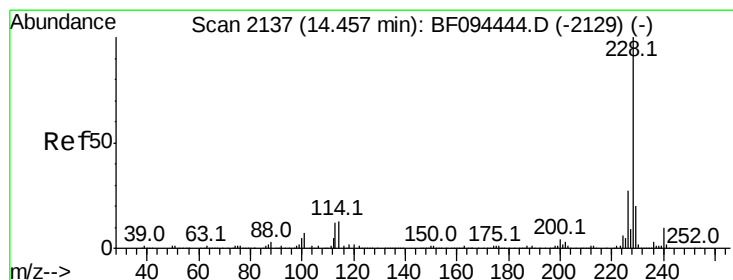
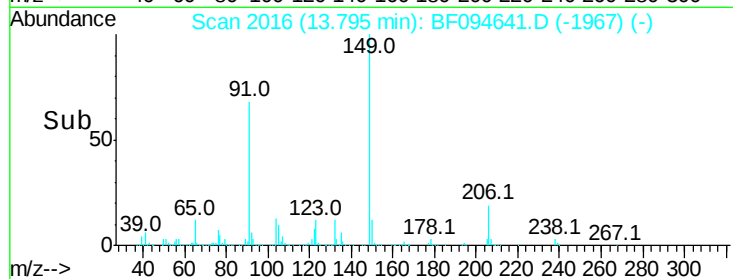
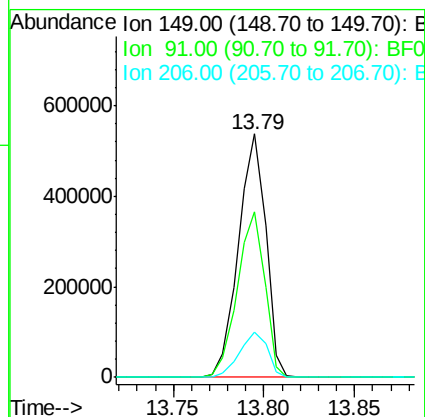
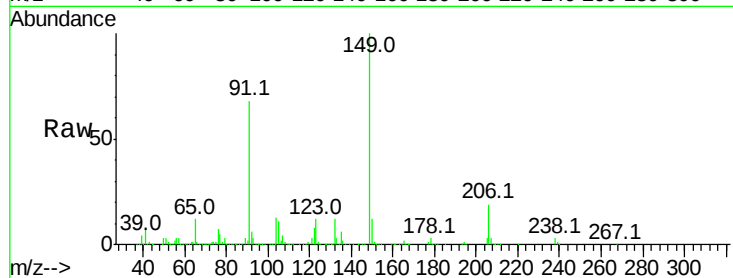




#79
Butylbenzylphthalate
Concen: 51.17 ng
RT: 13.79 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF094641.D
Acq: 26 Apr 2017 12:43

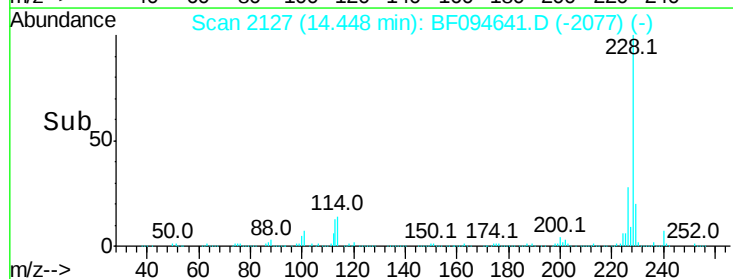
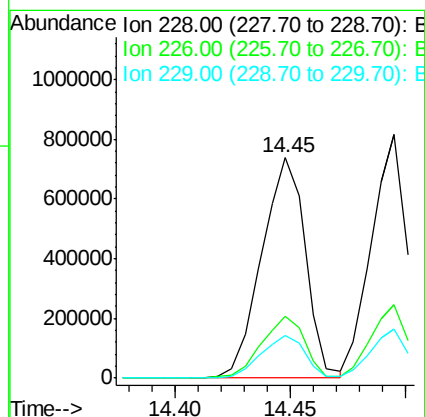
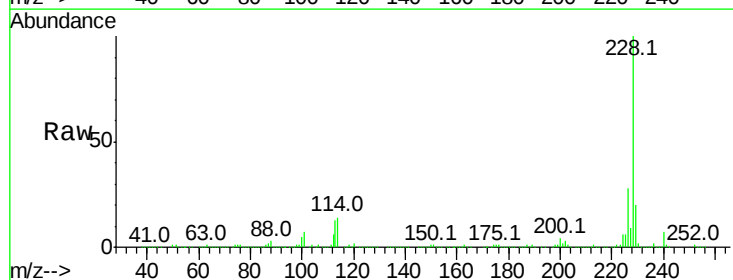
Instrument :
BNA_F
ClientSampleId :

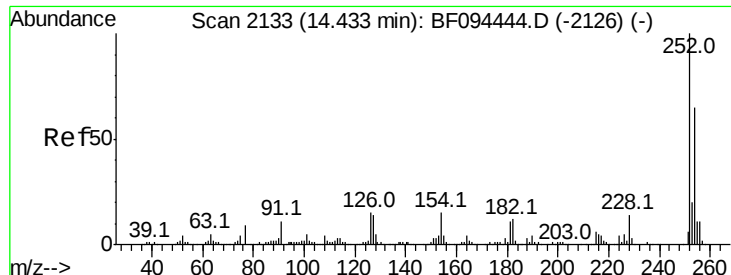
Tot Ion:149 Resp: 566534
Ion Ratio Lower Upper
149 100
91 68.1 45.0 67.4#
206 18.7 17.0 25.6



#80
Benzo(a)anthracene
Concen: 46.13 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF094641.D
Acq: 26 Apr 2017 12:43

Tgt Ion:228 Resp: 969625
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 19.6 16.3 24.5

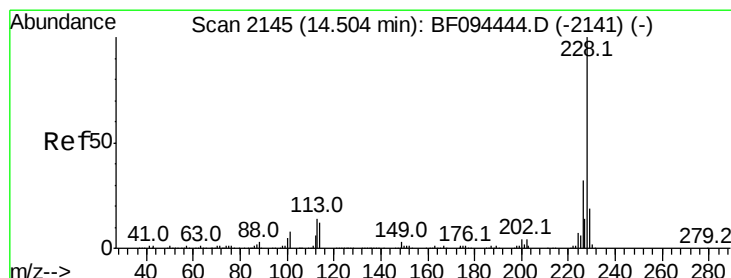
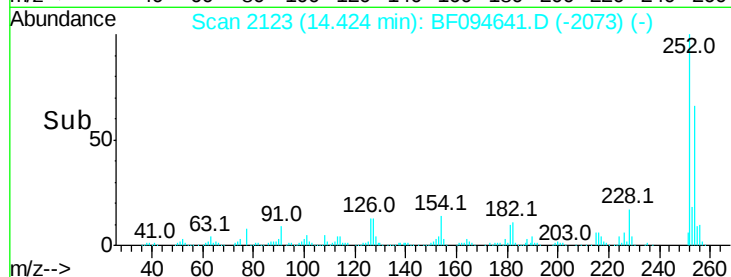
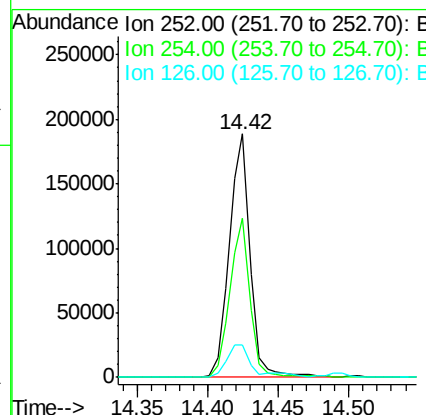
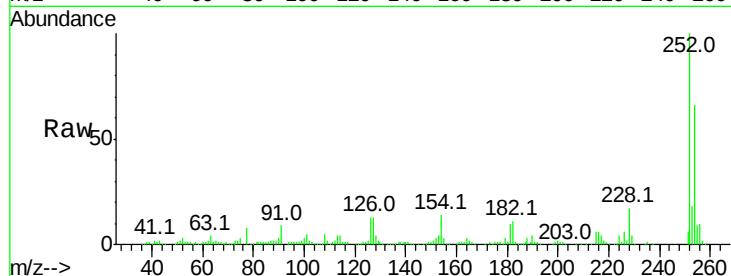




#81
 3,3'-Dichlorobenzidine
 Concen: 25.95 ng
 RT: 14.42 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

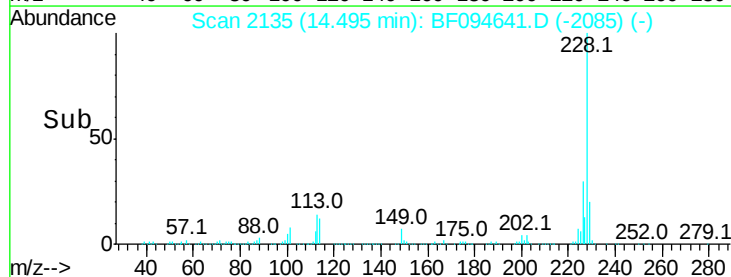
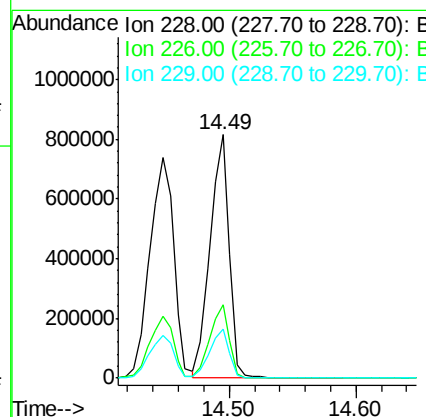
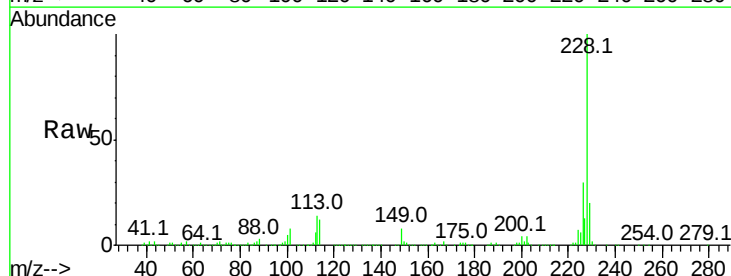
Instrument :
 BNA_F
 ClientSampleId :

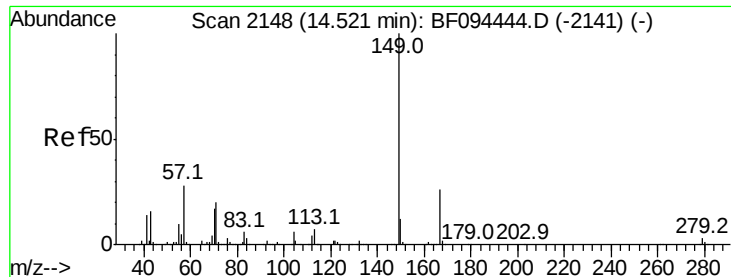
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.5	77.3
126	13.2	15.8	23.8



#82
 Chrysene
 Concen: 44.85 ng
 RT: 14.49 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	20.0	15.8	23.6

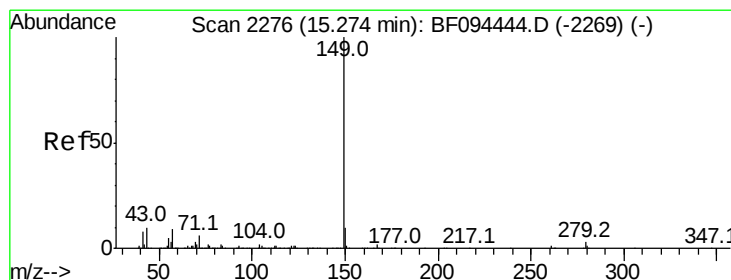
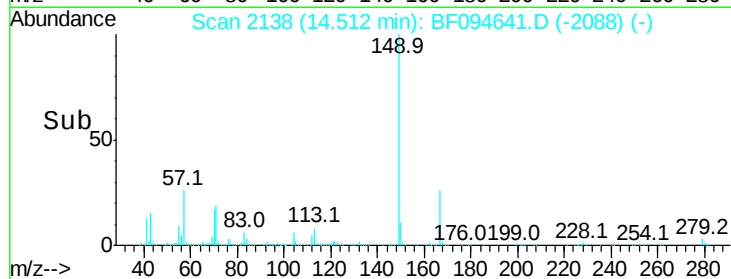
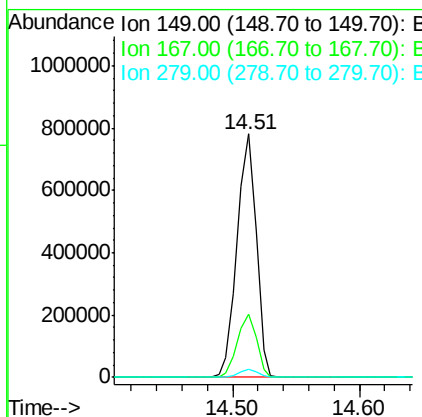
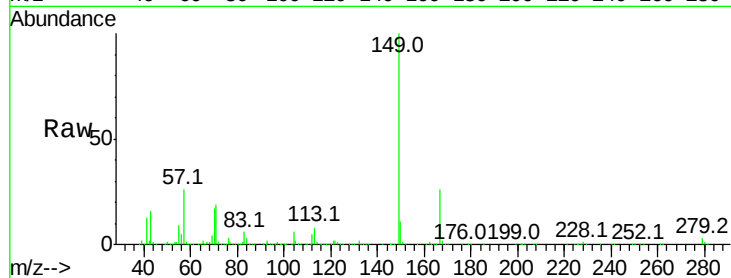




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.61 ng
 RT: 14.51 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

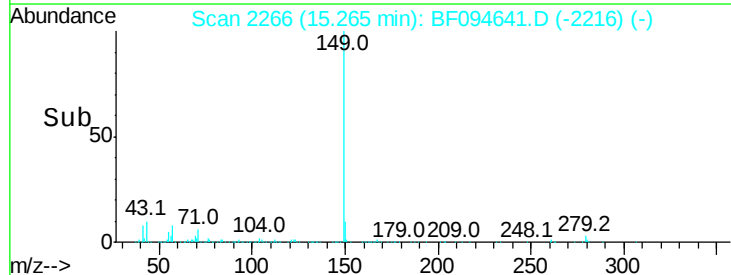
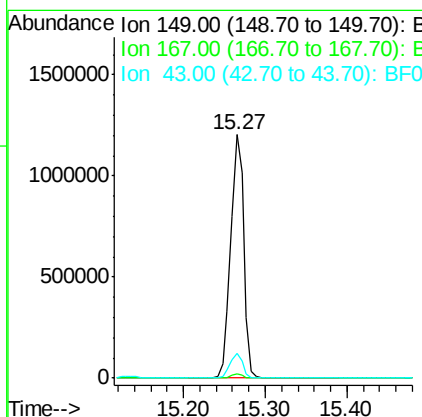
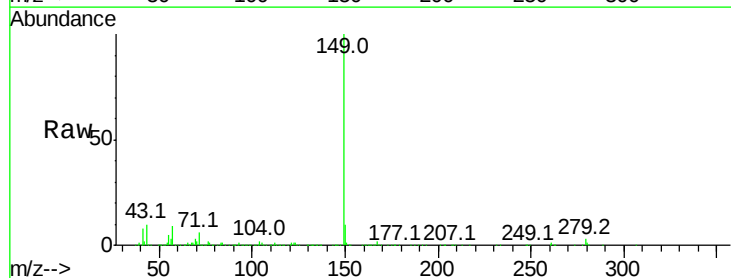
Instrument :
 BNA_F
 ClientSampleId :

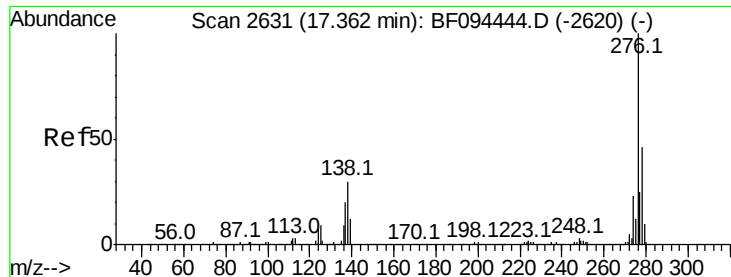
Tot Ion:149 Resp: 811812
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.0 31.4
 279 3.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 53.74 ng
 RT: 15.27 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF094641.D
 Acq: 26 Apr 2017 12:43

Tgt Ion:149 Resp: 1340089
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.3 8.5 12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.61 ng

RT: 17.37 min Scan# 2623

Delta R.T. 0.00 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Instrument :

BNA_F

ClientSampleId :

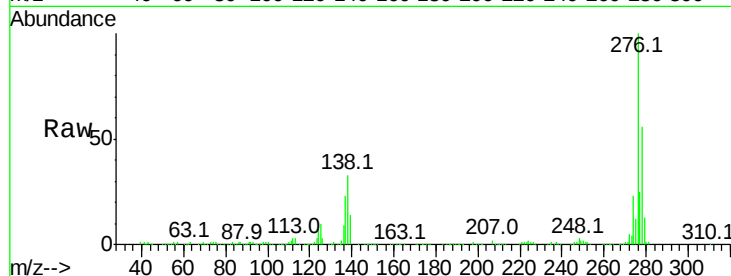
Tot Ion:276 Resp: 705671

Ion Ratio Lower Upper

276 100

138 34.6 27.8 41.6

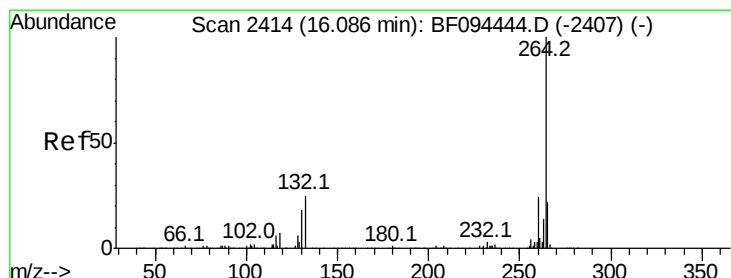
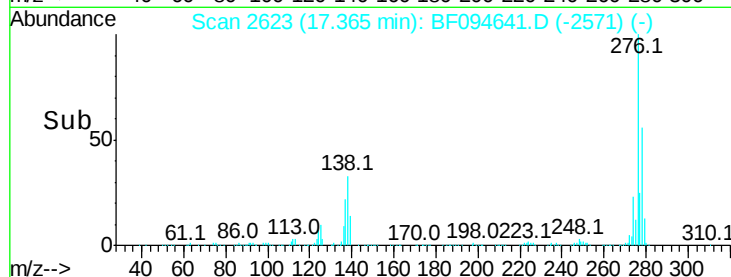
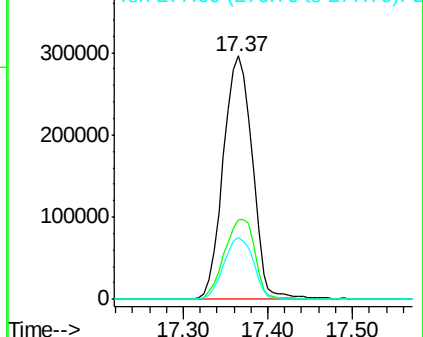
277 26.0 20.2 30.4



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: 16.08 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

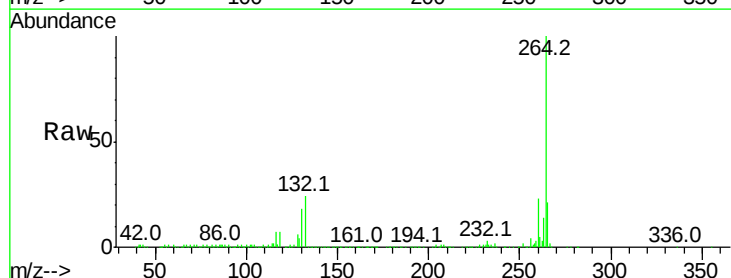
Tgt Ion:264 Resp: 274873

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

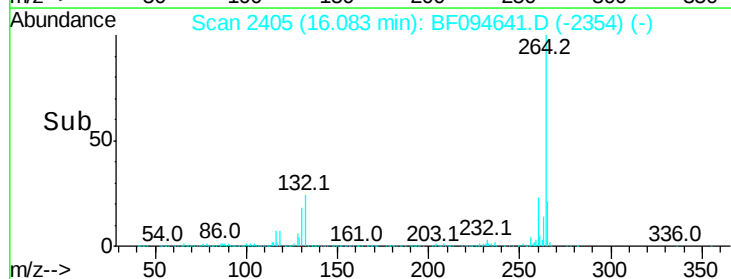
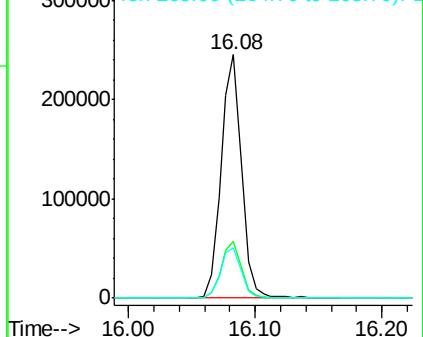
265 20.8 17.2 25.8

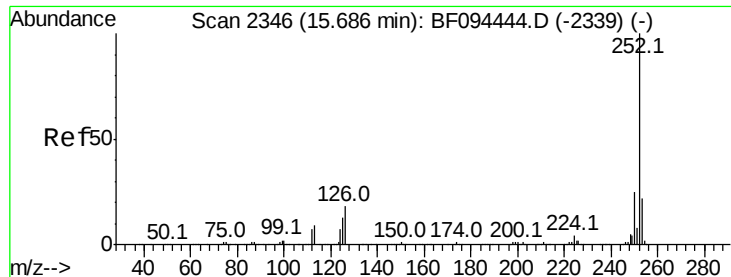


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 49.78 ng

RT: 15.68 min Scan# 2337

Delta R.T. -0.00 min

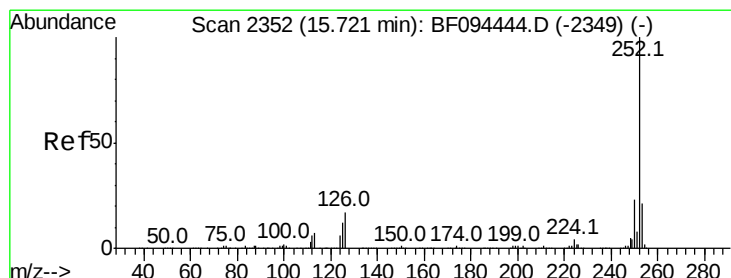
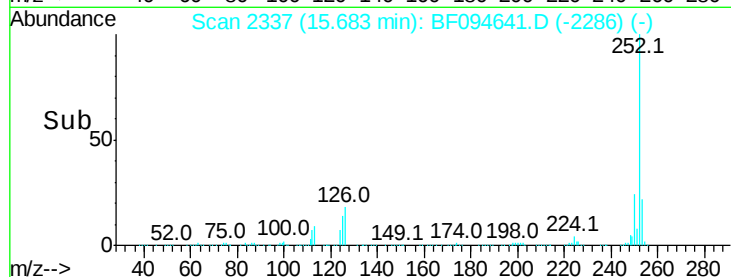
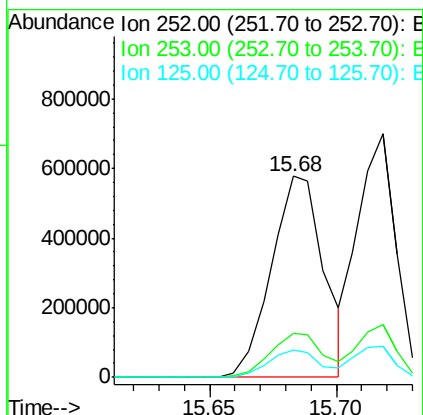
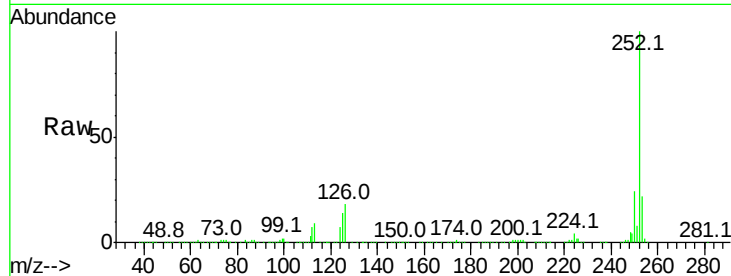
Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 837070

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	13.6	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 52.60 ng

RT: 15.68 min Scan# 2337

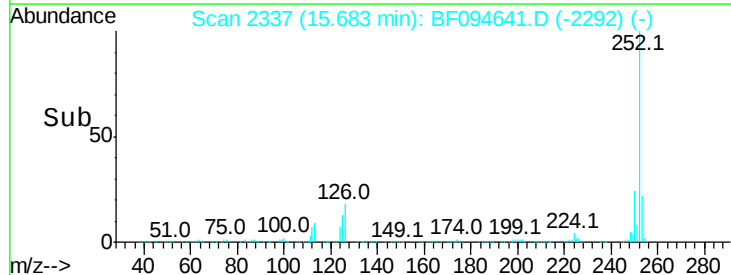
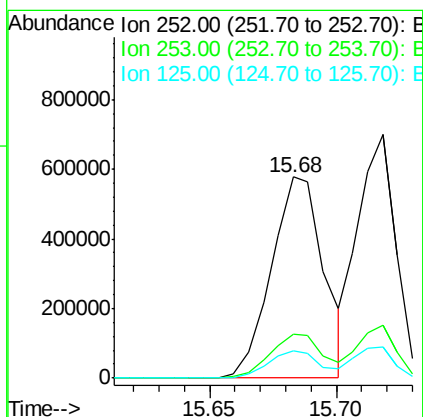
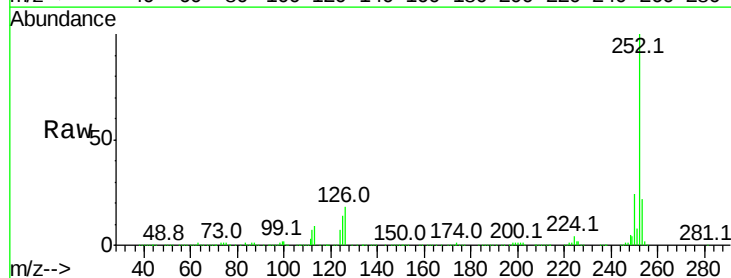
Delta R.T. -0.04 min

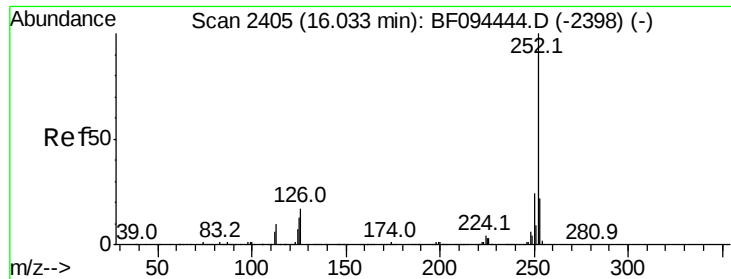
Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Tgt Ion:252 Resp: 837070

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	13.6	13.1	19.7





#89

Benzo(a)pyrene

Concen: 45.91 ng

RT: 16.03 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Instrument :

BNA_F

ClientSampleId :

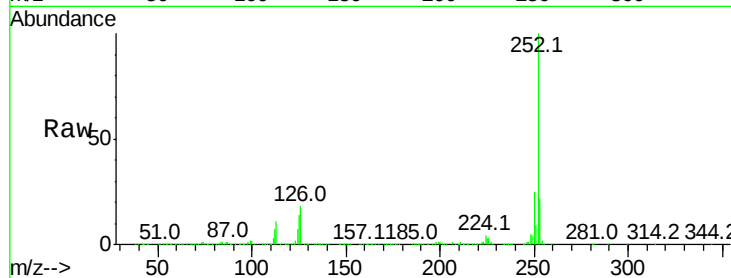
Tot Ion:252 Resp: 718177

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

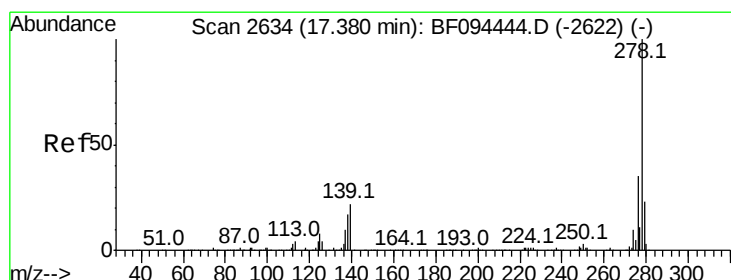
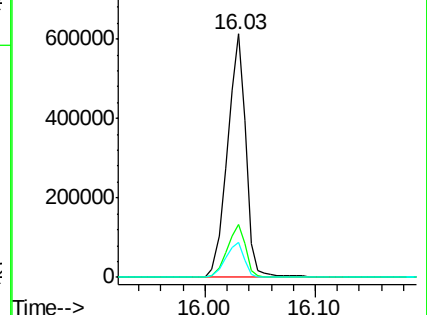
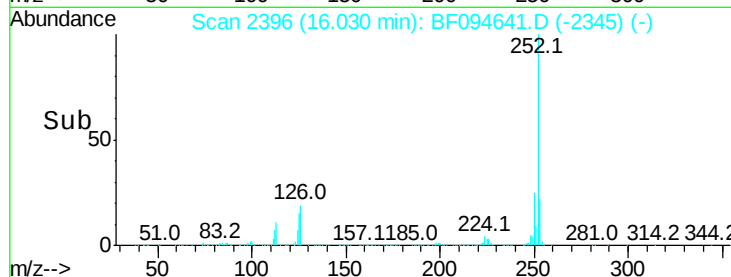
125 14.4 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.06 ng

RT: 17.38 min Scan# 2625

Delta R.T. -0.00 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

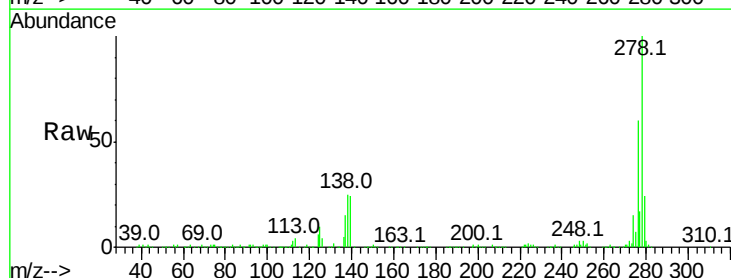
Tgt Ion:278 Resp: 585326

Ion Ratio Lower Upper

278 100

139 23.8 16.6 24.8

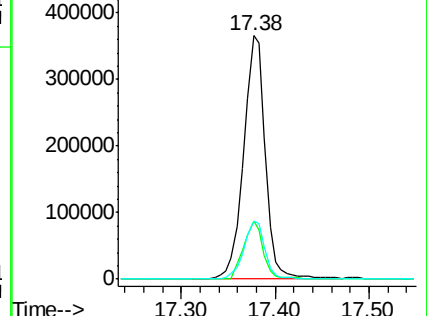
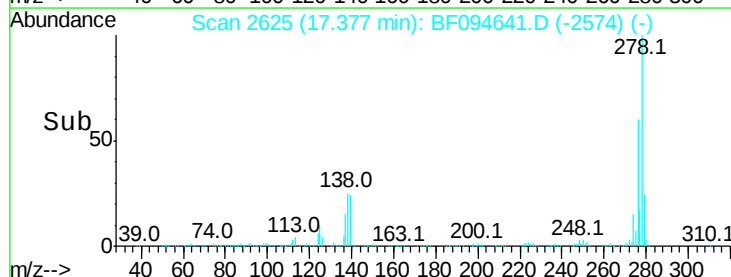
279 23.8 19.3 28.9

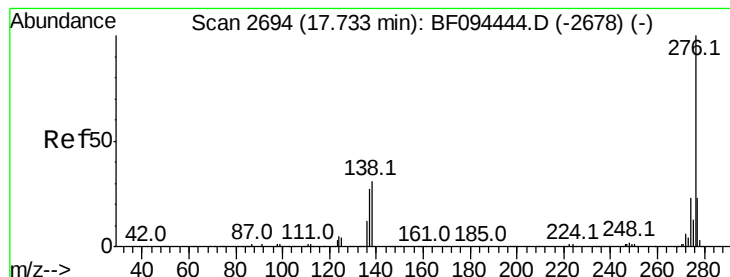


Abundance Ion 278.00 (277.70 to 278.70): E

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: 45.93 ng

RT: 17.74 min Scan# 2686

Delta R.T. 0.00 min

Lab File: BF094641.D

Acq: 26 Apr 2017 12:43

Instrument :

BNA_F

ClientSampleId :

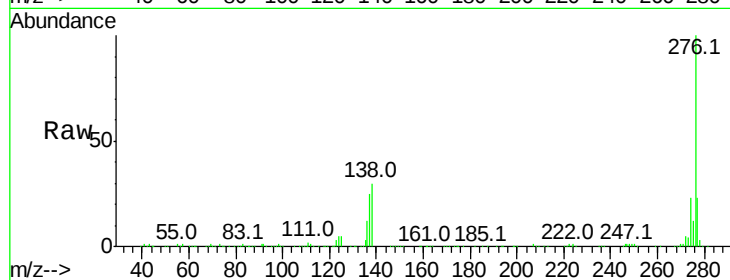
Tot Ion:276 Resp: 607388

Ion Ratio Lower Upper

276 100

277 22.9 18.6 28.0

138 29.7 25.4 38.0



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

