

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094608.D
 Acq On : 25 Apr 2017 16:40
 Operator : SJ/MA
 Sample : PB98458BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 01:24:29 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	120099	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	477095	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	206328	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	342915	20.00	ng	-0.01
75) Chrysene-d12	14.46	240	241236	20.00	ng	0.00
86) Perylene-d12	16.08	264	221252	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.31	112	914534	126.34	ng	0.00
7) Phenol-d6	5.39	99	1078615	126.39	ng	0.00
23) Nitrobenzene-d5	6.41	82	670389	86.77	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	198154	122.78	ng	0.00
44) 2-Fluorobiphenyl	8.57	172	1200403	85.60	ng	-0.01
78) Terphenyl-d14	13.18	244	871453	96.56	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	114572	27.21	ng	97
3) Pyridine	2.65	79	327597	35.60	ng	99
4) n-Nitrosodimethylamine	2.59	42	149706	39.32	ng	88
6) Aniline	5.39	93	354076	31.22	ng	# 84
8) 2-Chlorophenol	5.53	128	348947	42.36	ng	96
9) Benzaldehyde	5.26	77	100366	15.46	ng	97
10) Phenol	5.41	94	427243	40.75	ng	88
11) bis(2-Chloroethyl)ether	5.47	93	320298	41.82	ng	97
12) 1,3-Dichlorobenzene	5.69	146	368545	40.38	ng	99
13) 1,4-Dichlorobenzene	5.78	146	381658	41.57	ng	97
14) 1,2-Dichlorobenzene	5.95	146	352261	41.65	ng	94
15) Benzyl Alcohol	5.94	79	258848	40.89	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.09	45	421581	41.98	ng	65
17) 2-Methylphenol	6.08	107	277239	42.73	ng	# 91
18) Hexachloroethane	6.34	117	120972	38.43	ng	# 85
19) n-Nitroso-di-n-propylamine	6.25	70	242313	42.85	ng	97
20) 3+4-Methylphenols	6.27	107	379451	43.04	ng	# 61
22) Acetophenone	6.23	105	491196	42.34	ng	# 86
24) Nitrobenzene	6.43	77	347644	42.73	ng	95
25) Isophorone	6.72	82	612896	42.79	ng	95
26) 2-Nitrophenol	6.80	139	173511	39.69	ng	94
27) 2,4-Dimethylphenol	6.88	122	305618	43.04	ng	98
28) bis(2-Chloroethoxy)methane	6.98	93	396386	42.78	ng	99
29) 2,4-Dichlorophenol	7.11	162	286217	43.33	ng	99
30) 1,2,4-Trichlorobenzene	7.19	180	284531	41.67	ng	98
31) Naphthalene	7.28	128	962232	41.95	ng	100
32) Benzoic acid	7.06	122	145354	38.71	ng	94
33) 4-Chloroaniline	7.35	127	100859	10.57	ng	92
34) Hexachlorobutadiene	7.43	225	142061	41.72	ng	100
35) Caprolactam	7.81	113	60722	29.26	ng	92
36) 4-Chloro-3-methylphenol	7.98	107	293306	42.37	ng	89
37) 2-Methylnaphthalene	8.12	142	658536	41.97	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	257041	43.75	ng	100
40) Hexachlorocyclopentadiene	8.31	237	94369	39.70	ng	97

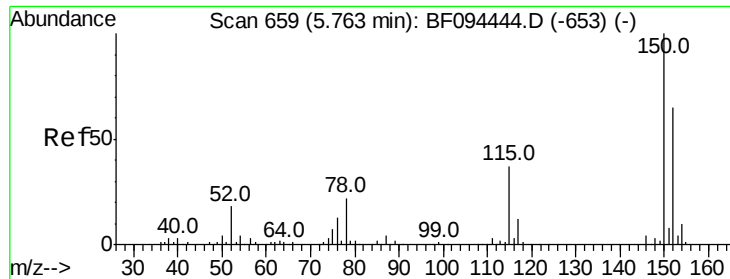
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	181190	43.91	nq	99
43) 2,4,5-Trichlorophenol	8.54	196	186225	43.95	nq	93
45) 1,1'-Biphenyl	8.69	154	743244	44.09	nq	98
46) 2-Chloronaphthalene	8.71	162	589491	43.98	nq	97
47) 2-Nitroaniline	8.85	65	176329	45.73	nq	# 86
48) Acenaphthylene	9.21	152	885224	42.36	nq	99
49) Dimethylphthalate	9.09	163	710543	46.21	nq	99
50) 2,6-Dinitrotoluene	9.15	165	153255	44.40	nq	93
51) Acenaphthene	9.42	154	538823	43.05	nq	98
52) 3-Nitroaniline	9.35	138	107877	27.02	nq	94
53) 2,4-Dinitrophenol	9.50	184	23085	17.20	nq	# 68
54) Dibenzofuran	9.64	168	799456	43.95	nq	100
55) 4-Nitrophenol	9.64	139	502938	178.28	nq	# 33
56) 2,4-Dinitrotoluene	9.65	165	196385	46.37	nq	96
57) Fluorene	10.06	166	614478	43.38	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	130683	43.03	nq	# 94
59) Diethylphthalate	9.95	149	660293	45.51	nq	98
60) 4-Chlorophenyl-phenylether	10.07	204	268396	45.53	nq	94
61) 4-Nitroaniline	10.11	138	146949	36.20	nq	94
62) Azobenzene	10.27	77	630469	44.76	nq	94
64) 4,6-Dinitro-2-methylphenol	10.15	198	20288	9.03	nq	# 71
65) n-Nitrosodiphenylamine	10.22	169	564761	47.36	nq	98
66) 4-Bromophenyl-phenylether	10.67	248	160314	47.08	nq	98
67) Hexachlorobenzene	10.74	284	156262	45.54	nq	# 82
68) Atrazine	10.90	200	168722	47.29	nq	97
69) Pentachlorophenol	10.99	266	123895	90.93	nq	99
70) Phenanthrene	11.24	178	851766	44.11	nq	98
71) Anthracene	11.30	178	870377	43.57	nq	98
72) Carbazole	11.51	167	800610	42.70	nq	97
73) Di-n-butylphthalate	11.96	149	1027884	49.80	nq	99
74) Fluoranthene	12.69	202	762993	38.12	nq	98
76) Benzidine	12.88	184	474230	48.55	nq	# 93
77) Pyrene	12.97	202	756681	44.90	nq	99
79) Butylbenzylphthalate	13.79	149	356708	48.29	nq	# 87
80) Benzo(a)anthracene	14.45	228	617719	44.05	nq	99
81) 3,3'-Dichlorobenzidine	14.42	252	204903	41.28	nq	# 96
82) Chrysene	14.49	228	568235	44.34	nq	99
83) Bis(2-ethylhexyl)phthalate	14.51	149	495828	50.00	nq	# 99
84) Di-n-octyl phthalate	15.27	149	828767	49.82	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	514119	42.17	nq	99
87) Benzo(b)fluoranthene	15.68	252	635004	46.92	nq	98
88) Benzo(k)fluoranthene	15.71	252	543965	42.47	nq	95
89) Benzo(a)pyrene	16.03	252	553931	43.99	nq	100
90) Dibenzo(a,h)anthracene	17.38	278	428998	41.03	nq	98
91) Benzo(g,h,i)perylene	17.74	276	413345	38.83	nq	97

(#) = 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: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

ClientSampled :

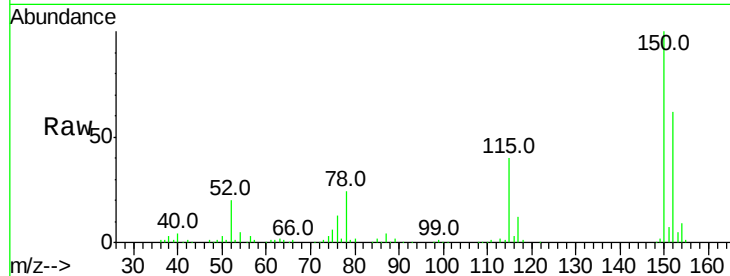
Tot Ion:152 Resp: 120099

Ion Ratio Lower Upper

152 100

150 161.1 126.2 189.2

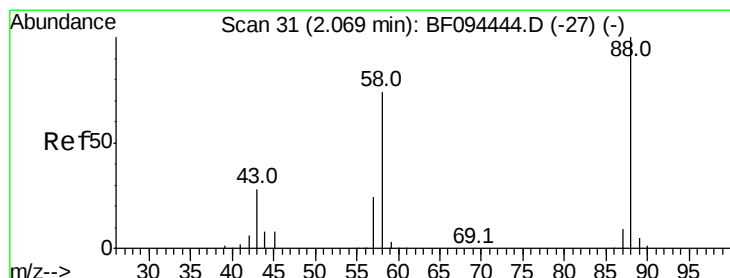
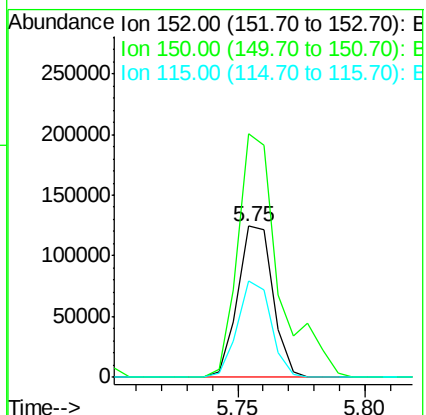
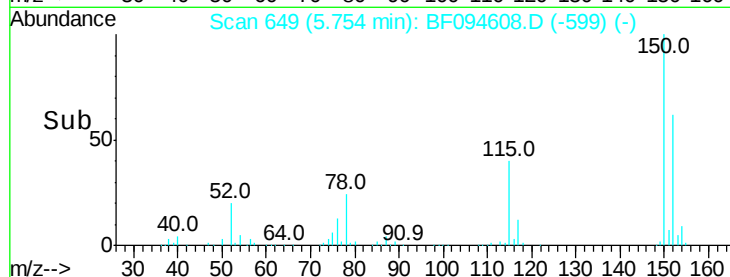
115 64.1 52.2 78.2



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: 27.21 ng

RT: 2.12 min Scan# 32

Delta R.T. 0.06 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

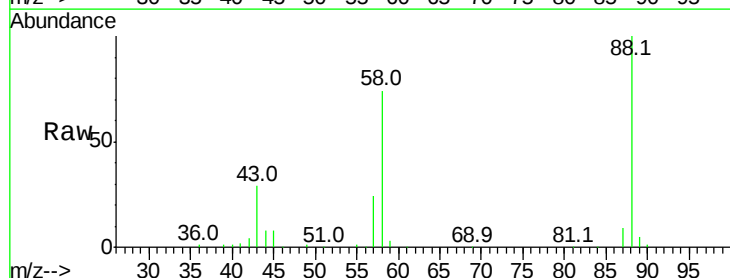
Tgt Ion: 88 Resp: 114572

Ion Ratio Lower Upper

88 100

58 73.5 61.4 92.0

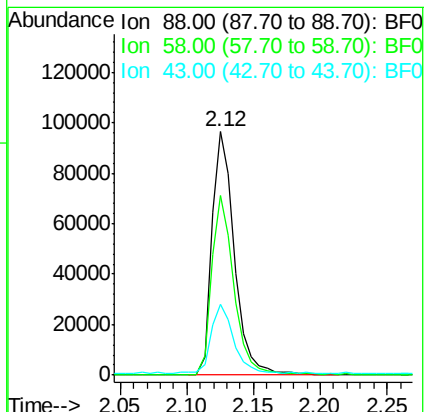
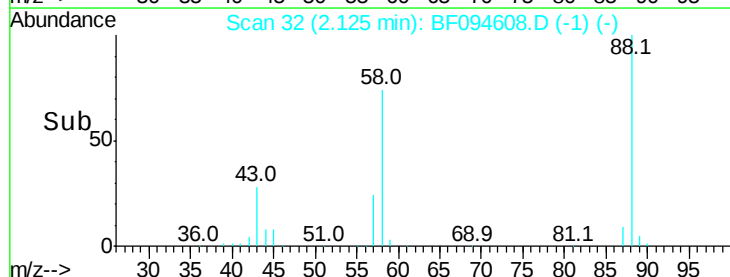
43 28.7 23.4 35.0

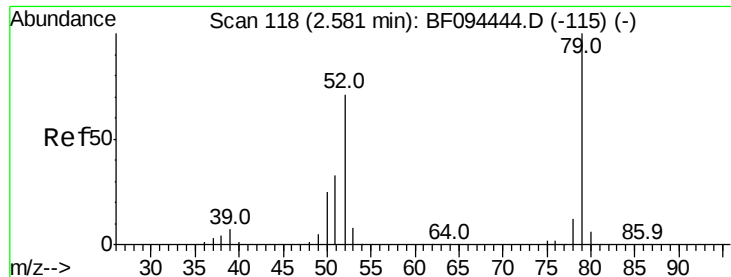


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.60 ng

RT: 2.65 min Scan# 121

Delta R.T. 0.07 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

ClientSampleId :

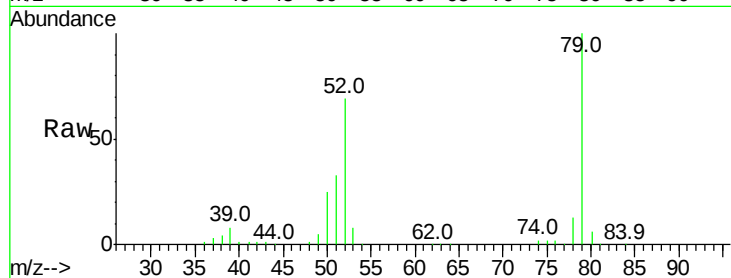
Tot Ion: 79 Resp: 327597

Ion Ratio Lower Upper

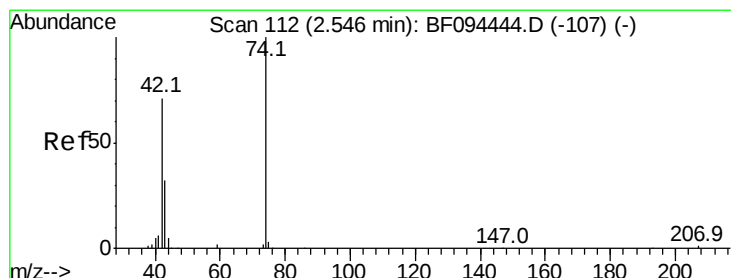
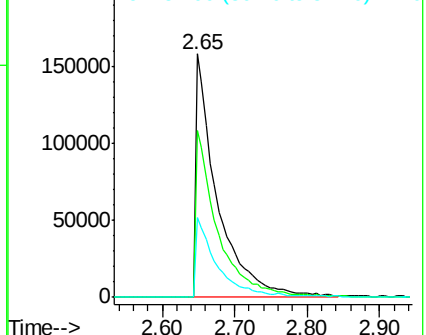
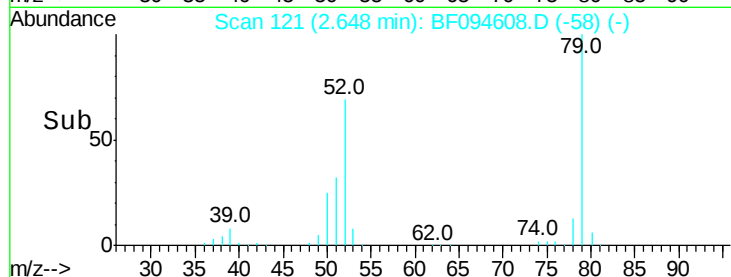
79 100

52 68.8 54.8 82.2

51 32.5 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.32 ng

RT: 2.59 min Scan# 111

Delta R.T. 0.04 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

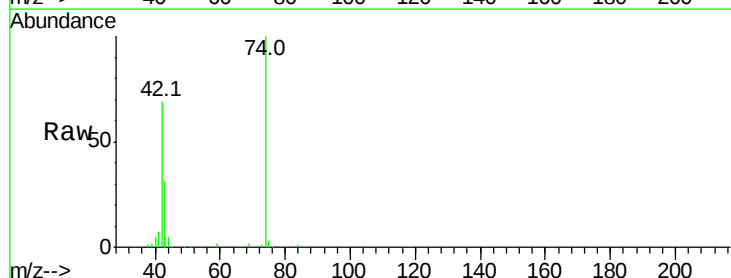
Tgt Ion: 42 Resp: 149706

Ion Ratio Lower Upper

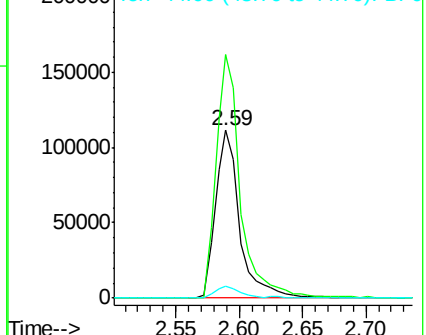
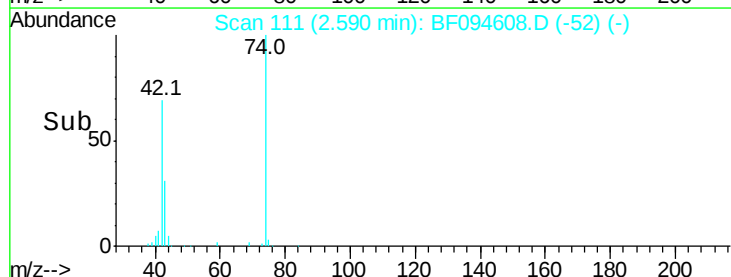
42 100

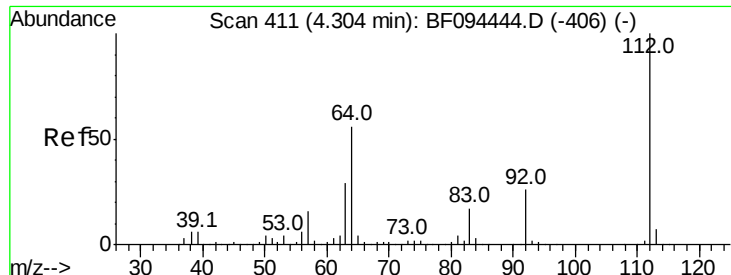
74 144.9 103.9 155.9

44 7.2 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 126.34 ng

RT: 4.31 min Scan# 404

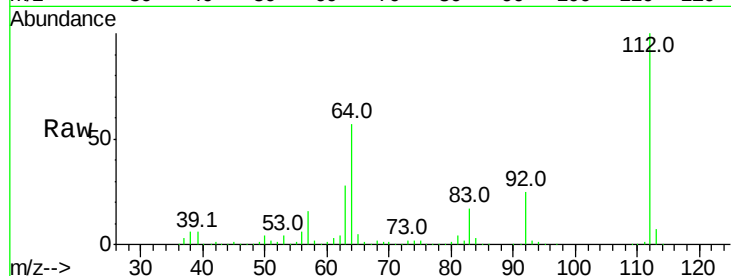
Delta R.T. 0.01 min

Lab File: BF094608.D

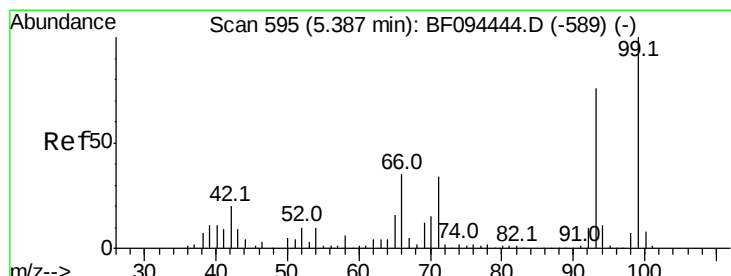
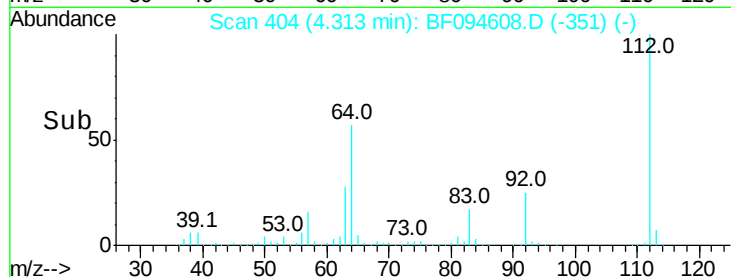
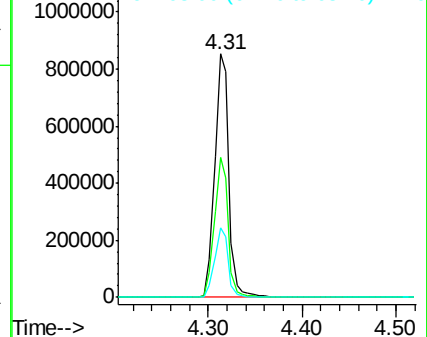
Acq: 25 Apr 2017 16:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	914534
Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.0	69.0
63	28.3	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 31.22 ng

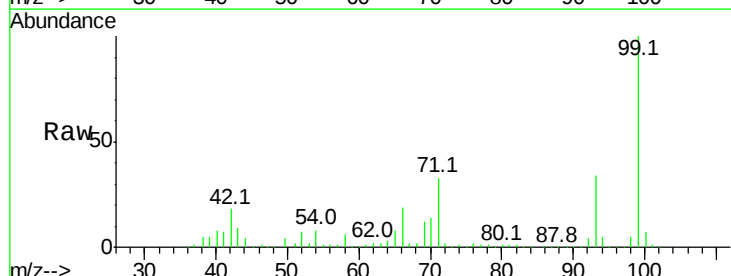
RT: 5.39 min Scan# 587

Delta R.T. 0.00 min

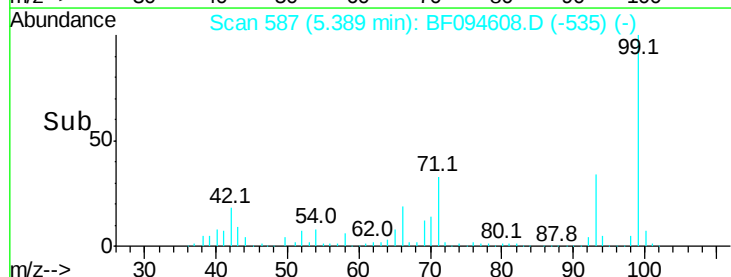
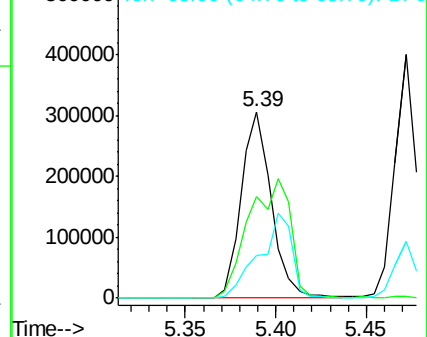
Lab File: BF094608.D

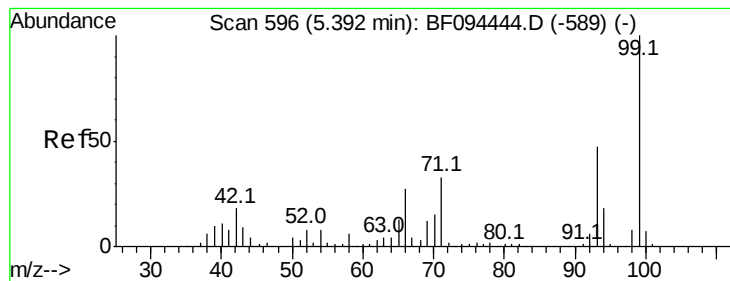
Acq: 25 Apr 2017 16:40

Tgt Ion:	93	Resp:	354076
Ion	Ratio	Lower	Upper
93	100		
66	54.6	32.9	49.3#
65	22.5	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 126.39 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

ClientSampled :

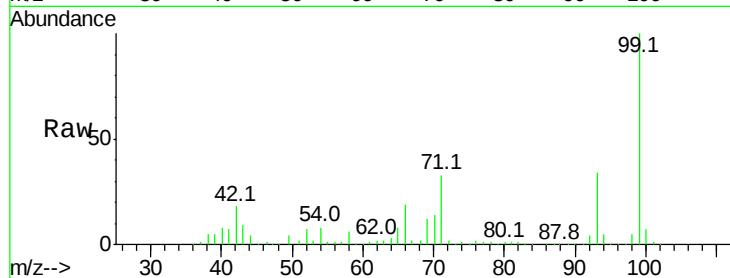
Tot Ion: 99 Resp: 1078615

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.5	20.3
71	33.0	24.5	36.7

99 100

42 17.9 13.5 20.3

71 33.0 24.5 36.7

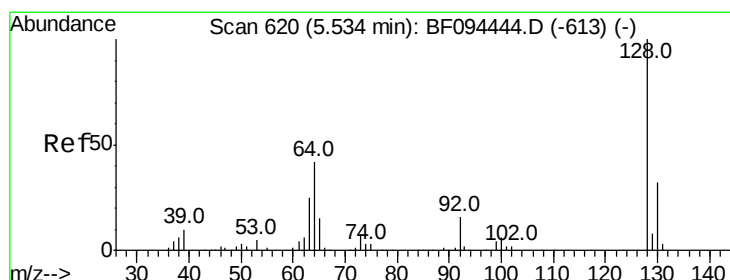
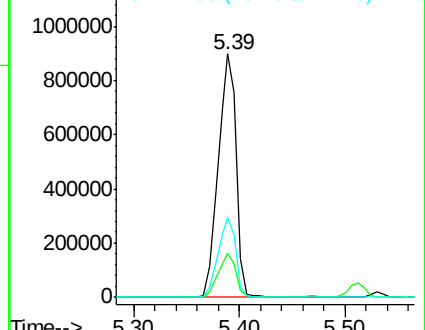
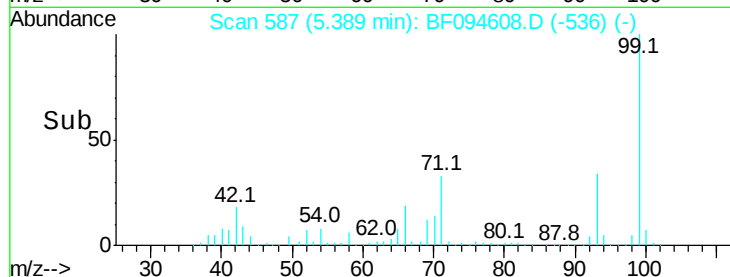


Abundance

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: 42.36 ng

RT: 5.53 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

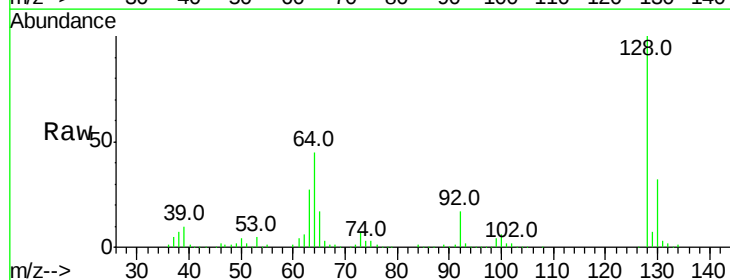
Tgt Ion:128 Resp: 348947

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.9	52.9
64	44.8	28.4	68.4

128 100

130 32.5 12.9 52.9

64 44.8 28.4 68.4

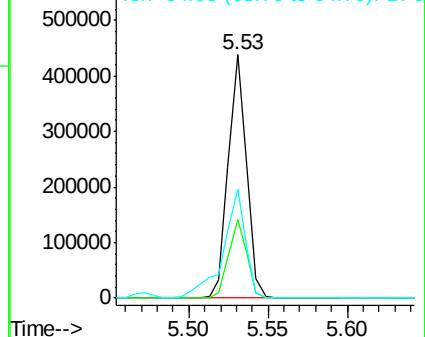
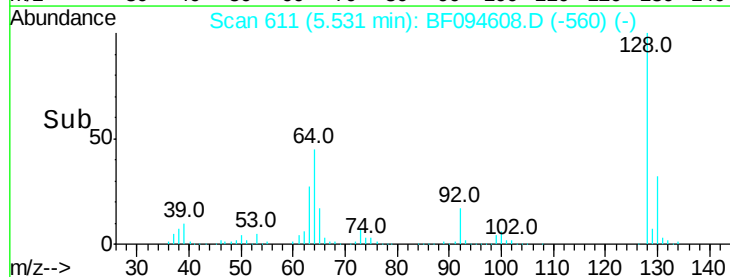


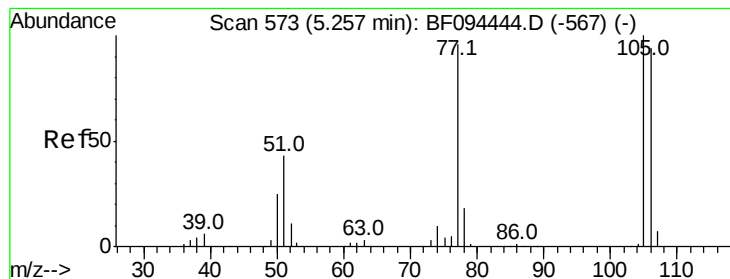
Abundance

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: 15.46 ng

RT: 5.26 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

ClientSampleId :

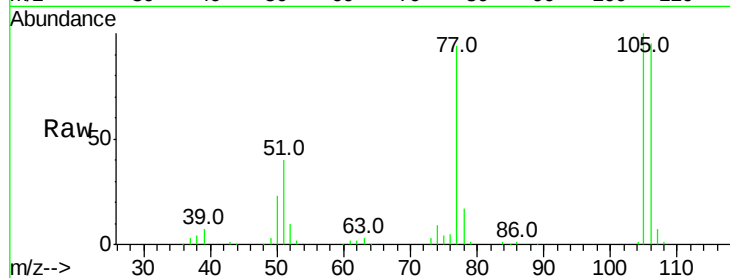
Tot Ion: 77 Resp: 100366

Ion Ratio Lower Upper

77 100

105 106.8 83.8 123.8

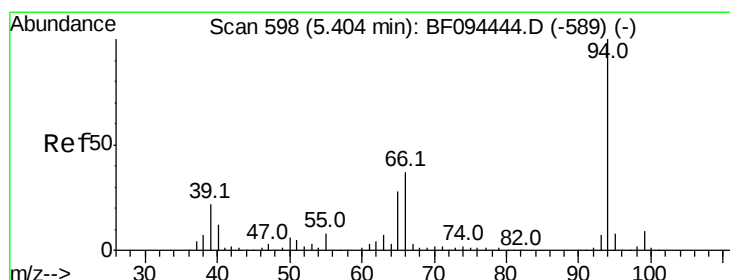
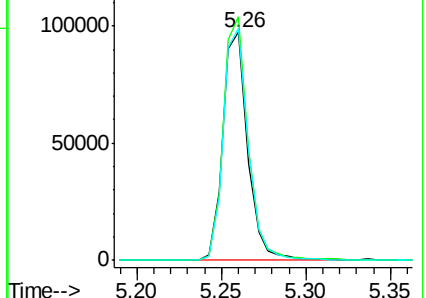
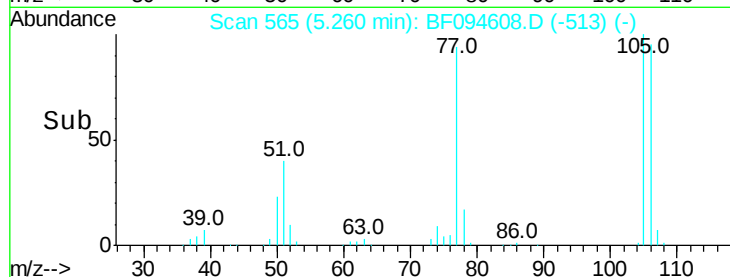
106 101.7 79.1 119.1



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: 40.75 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

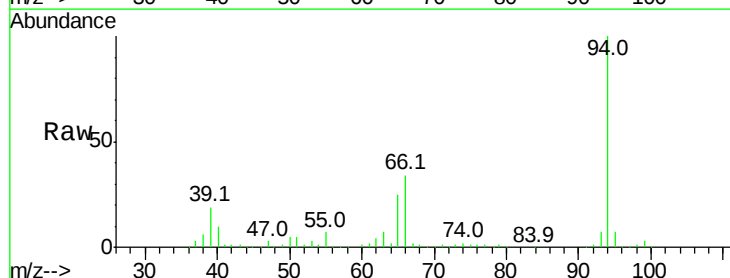
Tgt Ion: 94 Resp: 427243

Ion Ratio Lower Upper

94 100

65 25.3 9.9 49.9

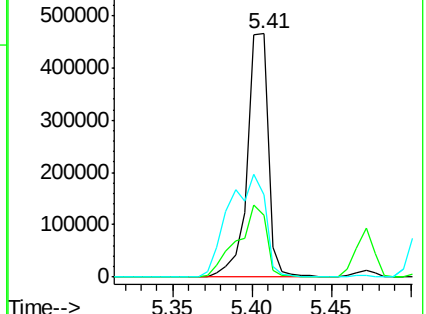
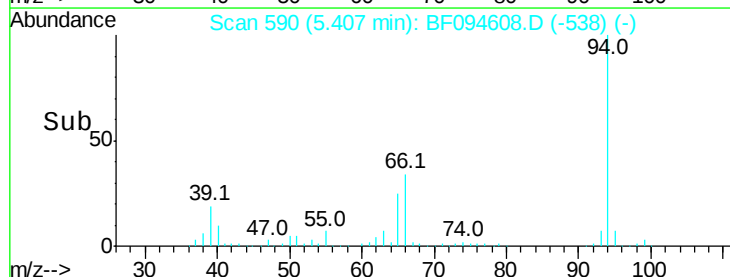
66 34.0 23.1 63.1

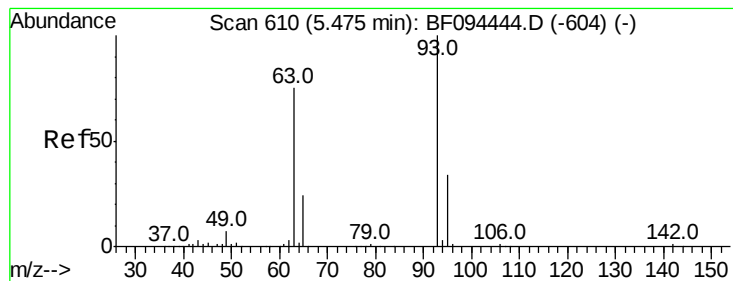


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

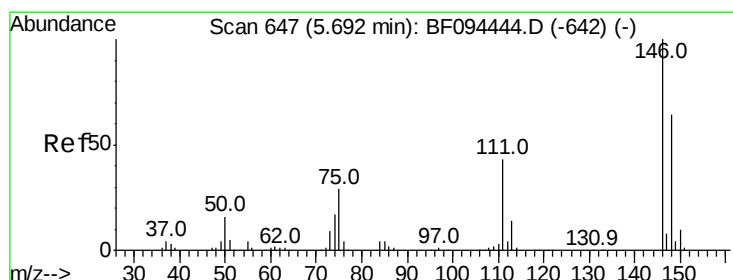
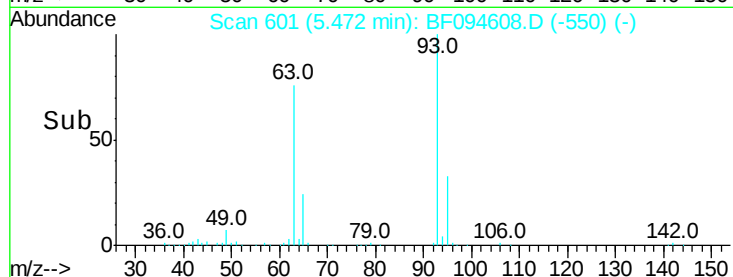
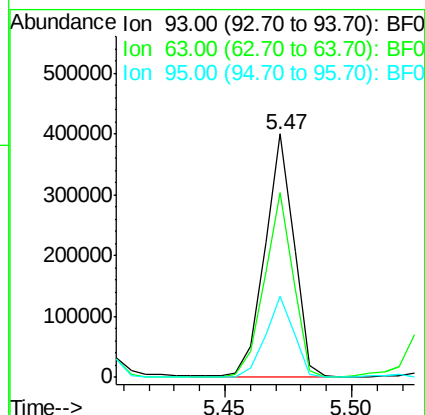
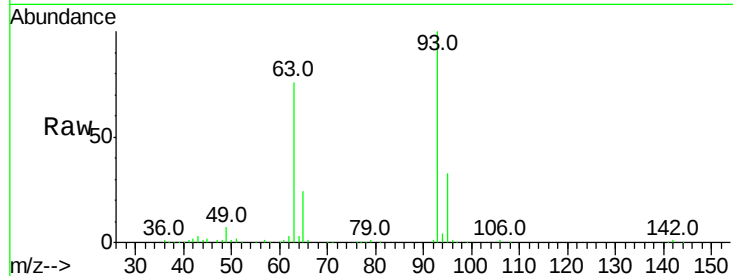




#11
bis(2-Chloroethyl)ether
Concen: 41.82 ng
RT: 5.47 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

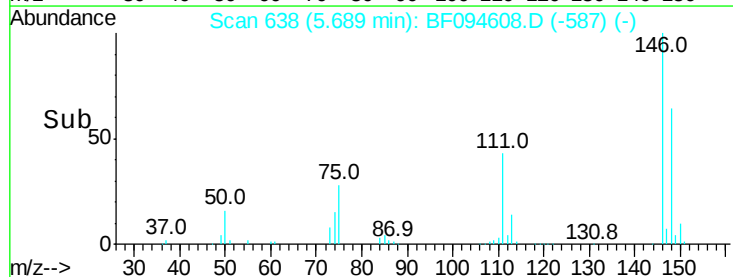
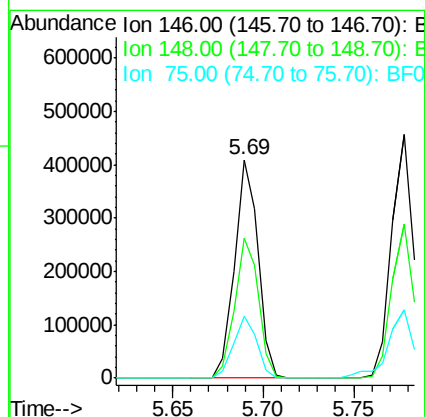
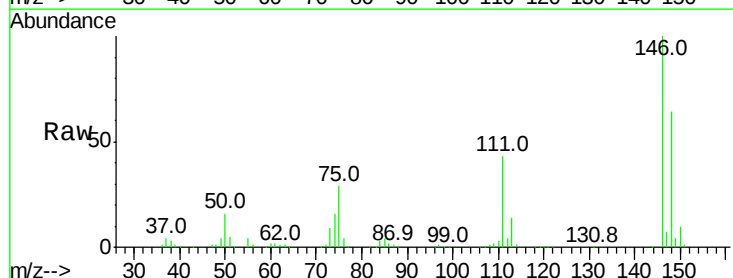
Instrument :
BNA_F
ClientSampled :

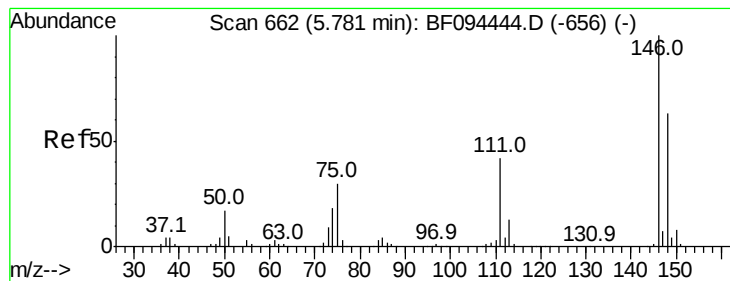
Tot Ion: 93 Resp: 320298
Ion Ratio Lower Upper
93 100
63 75.6 59.2 99.2
95 33.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.38 ng
RT: 5.69 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion: 146 Resp: 368545
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.6
75 28.6 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 41.57 ng

RT: 5.78 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

ClientSampleId :

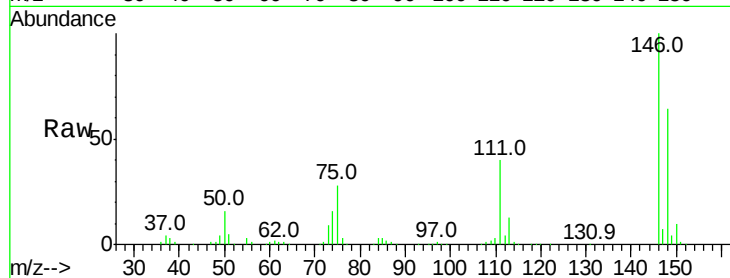
Tot Ion:146 Resp: 381658

Ion Ratio Lower Upper

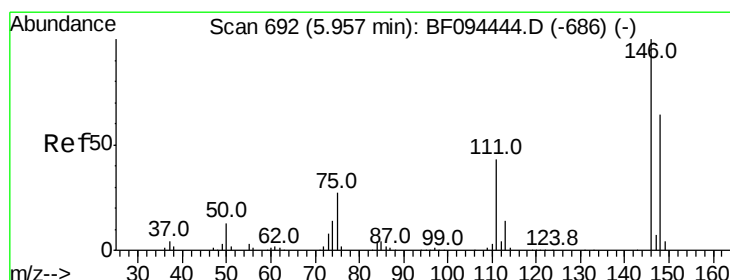
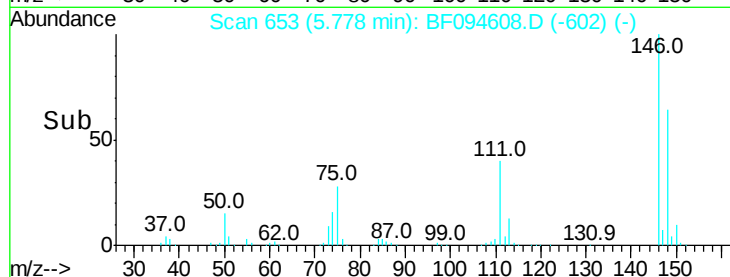
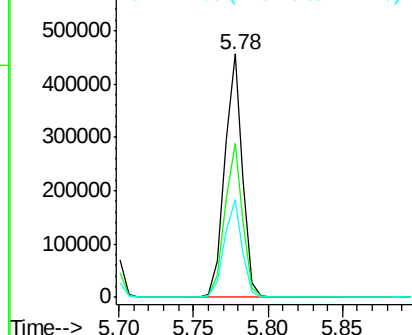
146 100

148 63.5 52.2 78.2

111 40.0 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: 41.65 ng

RT: 5.95 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

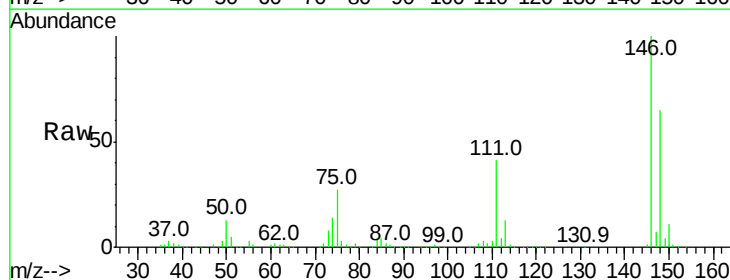
Tgt Ion:146 Resp: 352261

Ion Ratio Lower Upper

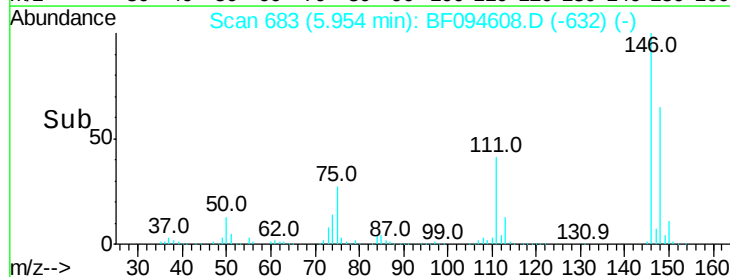
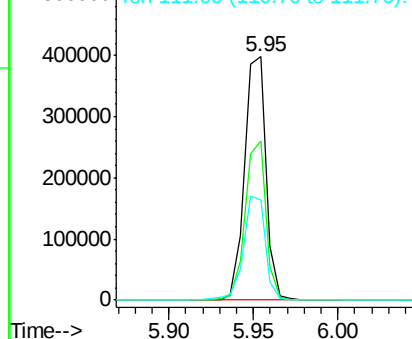
146 100

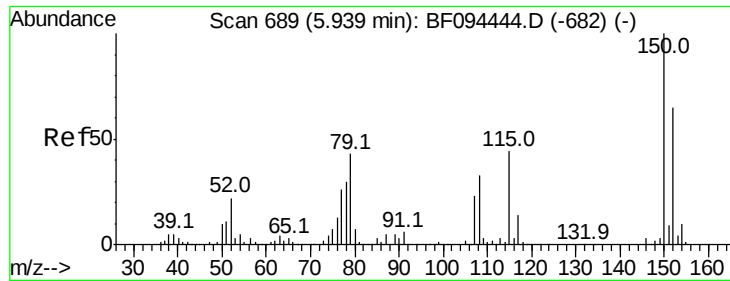
148 65.3 50.4 75.6

111 41.1 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

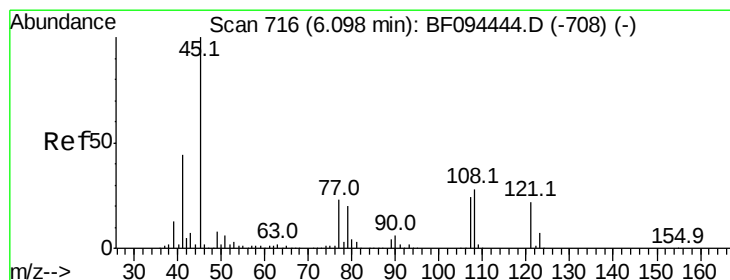
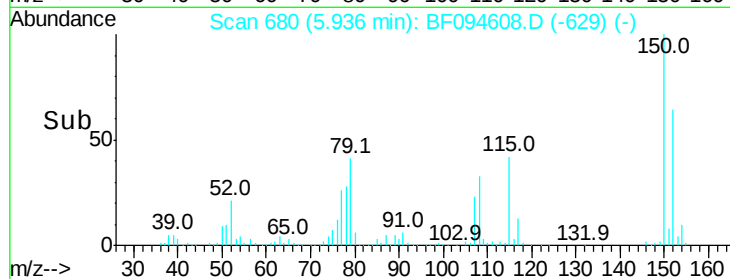
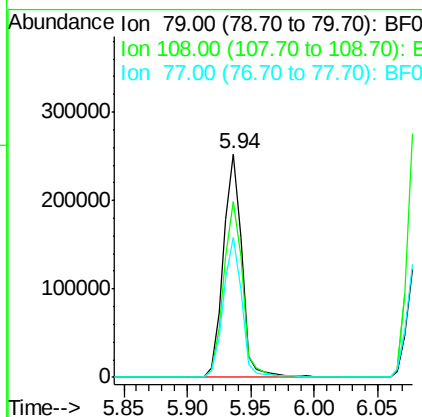
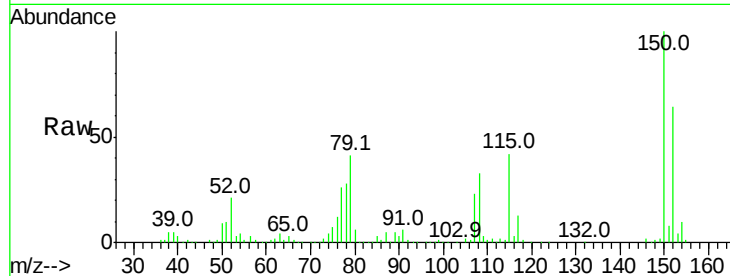




#15
Benzyl Alcohol
Concen: 40.89 ng
RT: 5.94 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

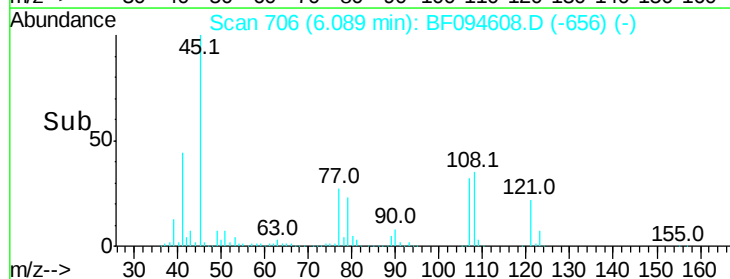
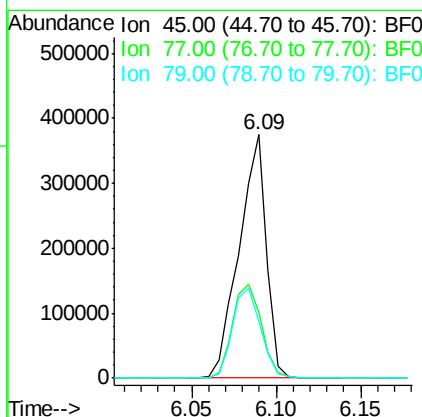
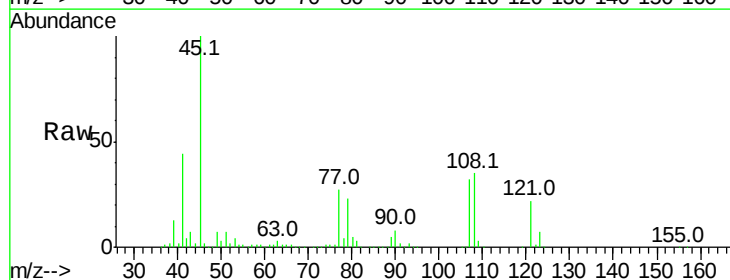
Instrument :
BNA_F
ClientSampleId :

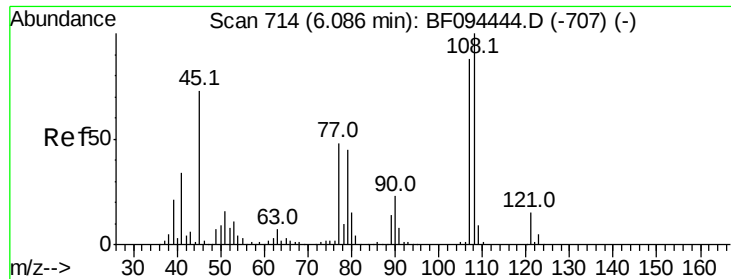
Tot Ion: 79 Resp: 258848
Ion Ratio Lower Upper
79 100
108 78.8 63.4 95.0
77 62.6 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.98 ng
RT: 6.09 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion: 45 Resp: 421581
Ion Ratio Lower Upper
45 100
77 26.8 0.0 33.2
79 23.1 0.0 30.0

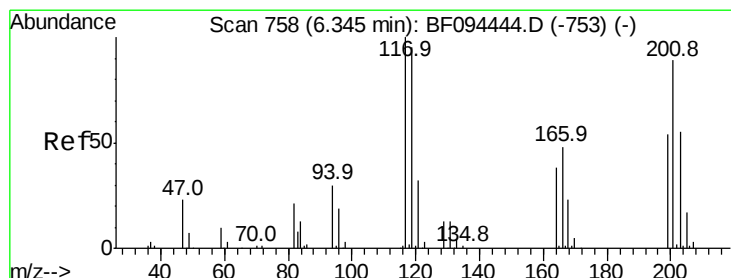
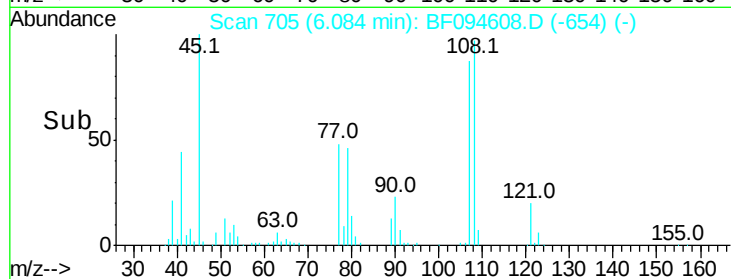
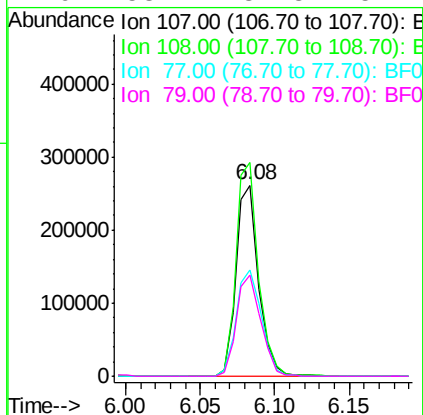
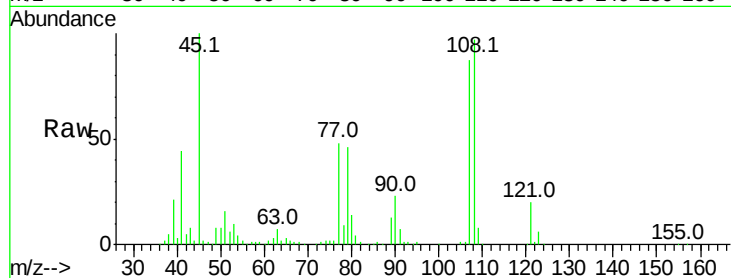




#17
2-Methylphenol
Concen: 42.73 ng
RT: 6.08 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

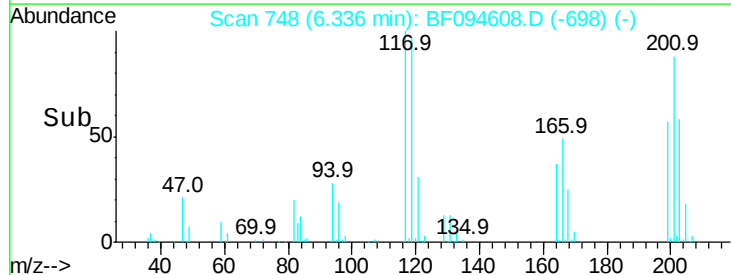
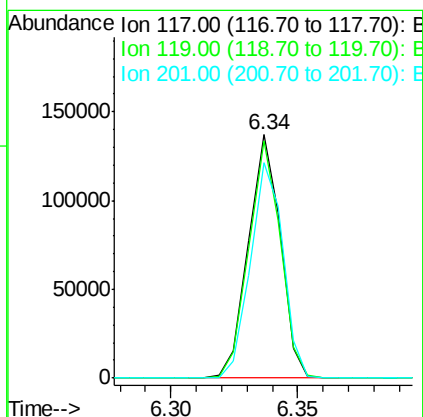
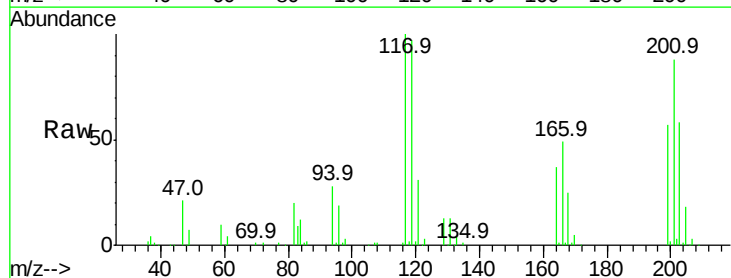
Instrument :
BNA_F
ClientSampleId :

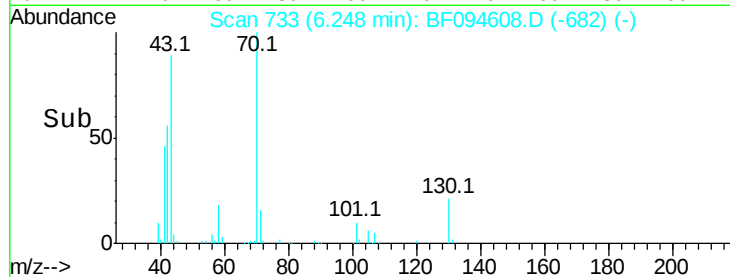
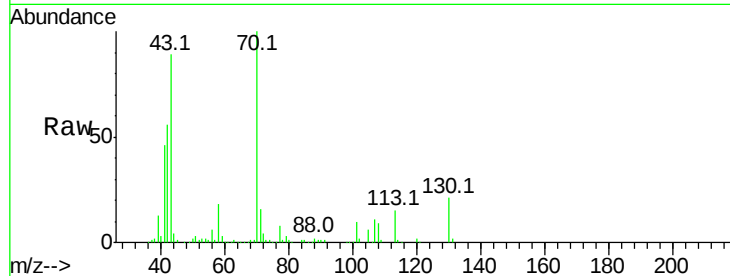
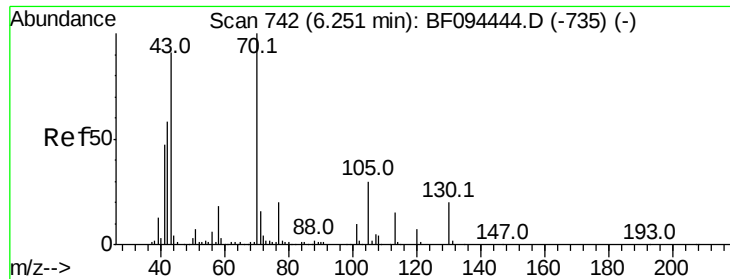
Tot Ion:107 Resp: 277239
Ion Ratio Lower Upper
107 100
108 111.8 93.4 140.0
77 55.6 35.8 53.6#
79 53.2 34.8 52.2#



#18
Hexachloroethane
Concen: 38.43 ng
RT: 6.34 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion:117 Resp: 120972
Ion Ratio Lower Upper
117 100
119 97.5 77.4 116.0
201 88.4 94.6 141.8#

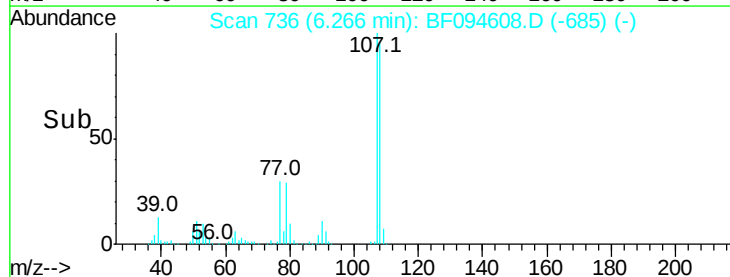
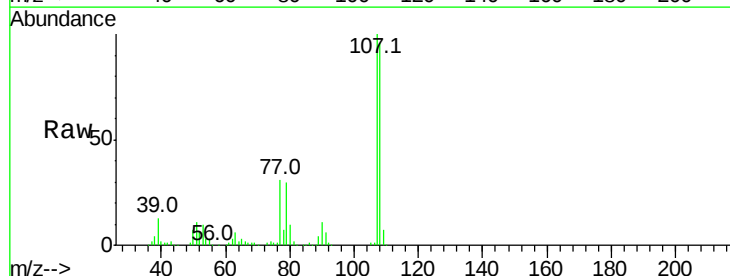
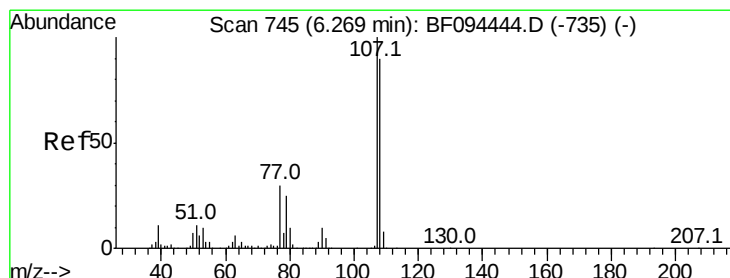
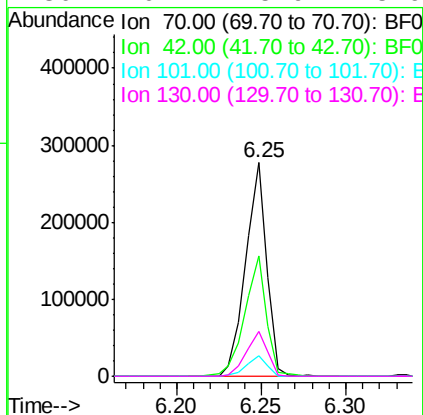




#19
n-Nitroso-di-n-propylamine
Concen: 42.85 ng
RT: 6.25 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

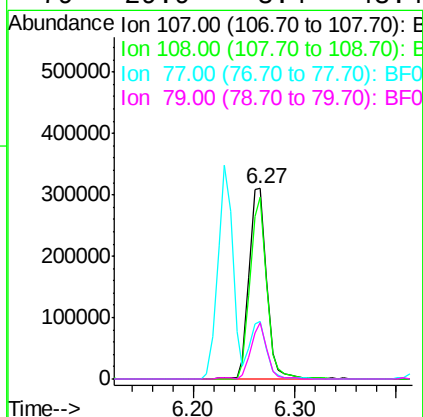
Instrument :
BNA_F
ClientSampleId :

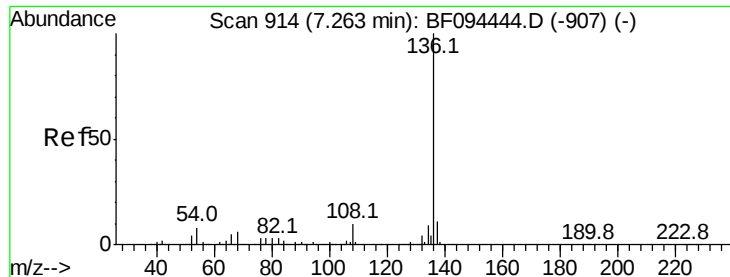
Tot Ion:	70	Resp:	242313
Ion	Ratio	Lower	Upper
70	100		
42	56.1	47.2	70.8
101	9.5	7.2	10.8
130	20.7	15.9	23.9



#20
3+4-Methylphenols
Concen: 43.04 ng
RT: 6.27 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion:	107	Resp:	379451
Ion	Ratio	Lower	Upper
107	100		
108	95.7	71.0	111.0
77	30.5	90.5	130.5#
79	29.9	8.4	48.4

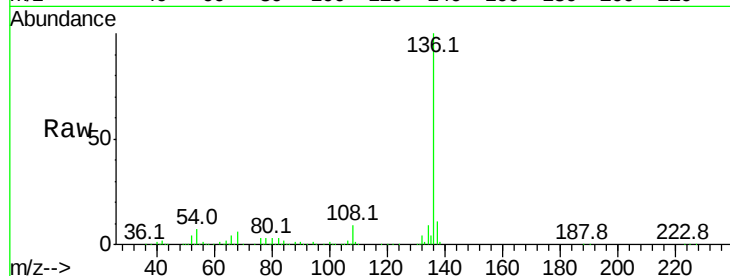




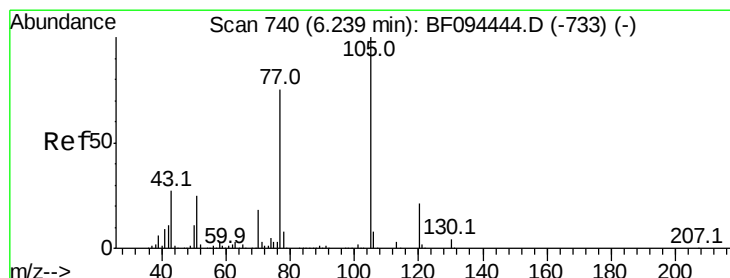
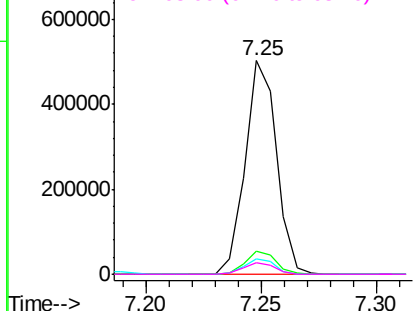
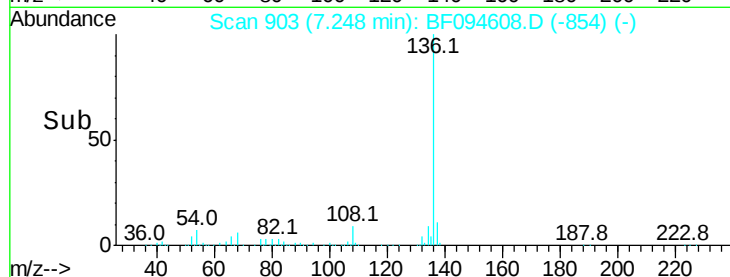
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	477095	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.5	12.7	
54 7.0	4.9	7.3	
68 5.6	4.1	6.1	

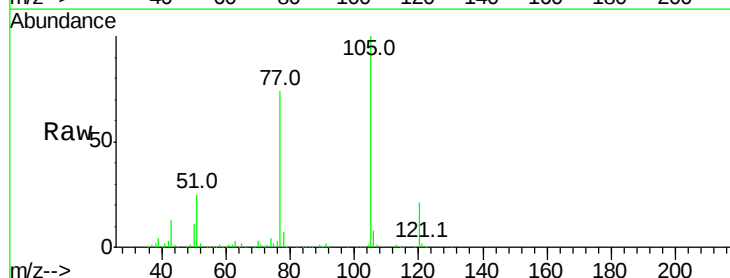


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

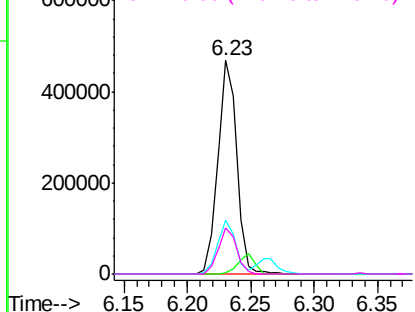
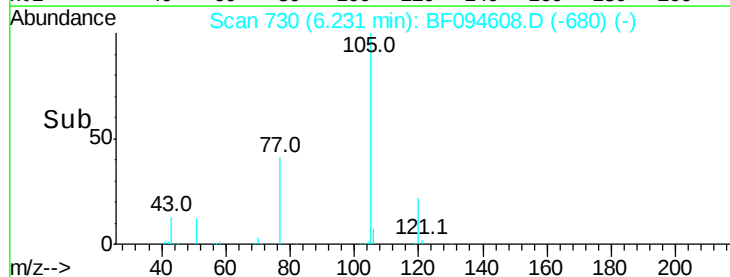


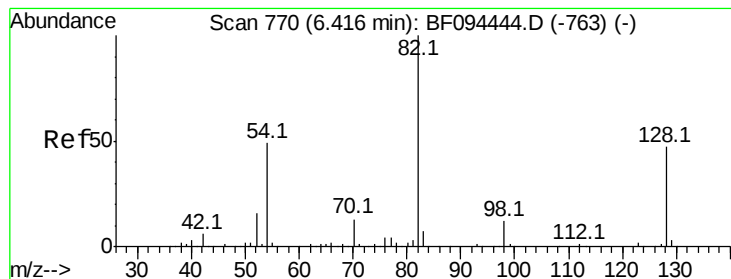
#22
Acetophenone
Concen: 42.34 ng
RT: 6.23 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion:105	Resp:	491196
Ion Ratio	Lower	Upper
105 100		
71 0.5	2.8	4.2#
51 25.1	30.7	46.1#
120 21.4	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





#23

Nitrobenzene-d5

Concen: 86.77 ng

RT: 6.41 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

ClientSampleId :

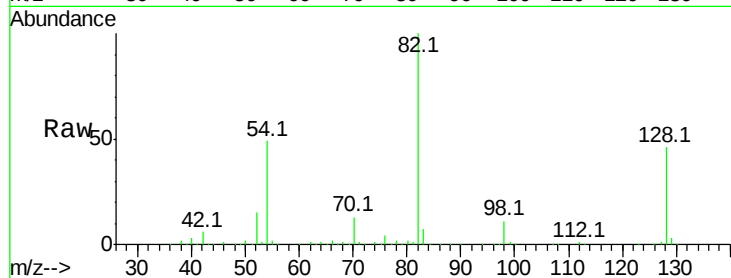
Tot Ion: 82 Resp: 670389

Ion Ratio Lower Upper

82 100

128 45.6 34.0 51.0

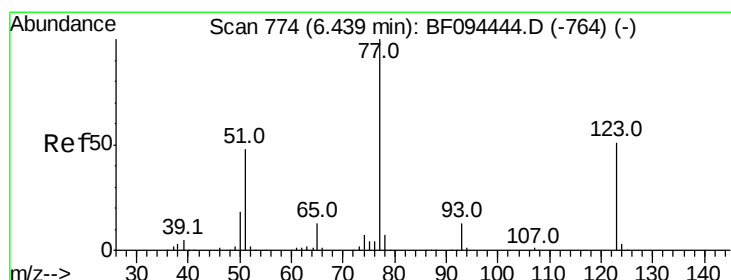
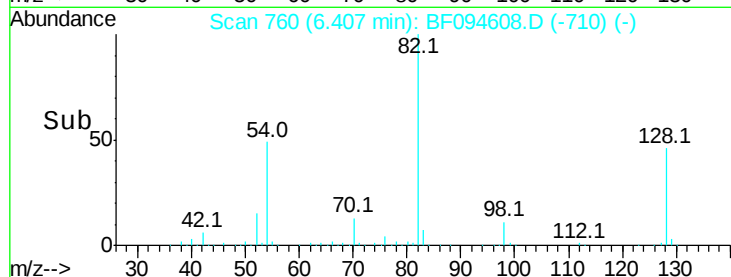
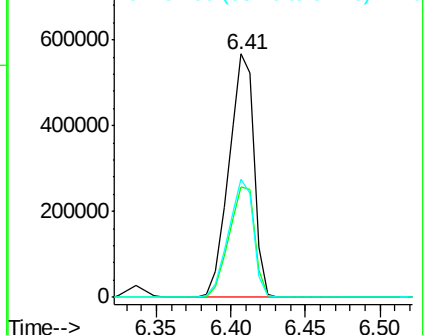
54 48.6 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 42.73 ng

RT: 6.43 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

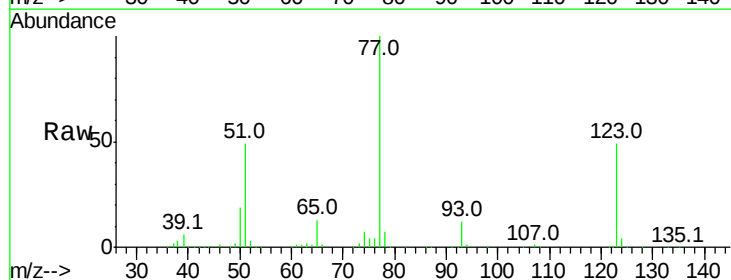
Tgt Ion: 77 Resp: 347644

Ion Ratio Lower Upper

77 100

123 49.1 35.8 53.8

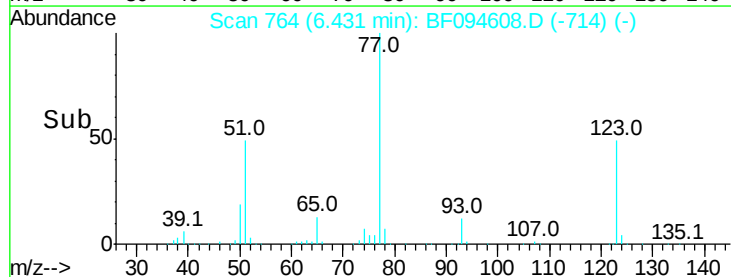
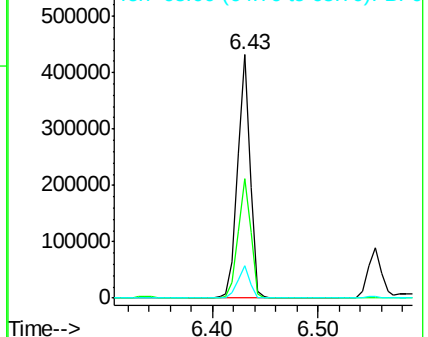
65 13.3 10.6 15.8

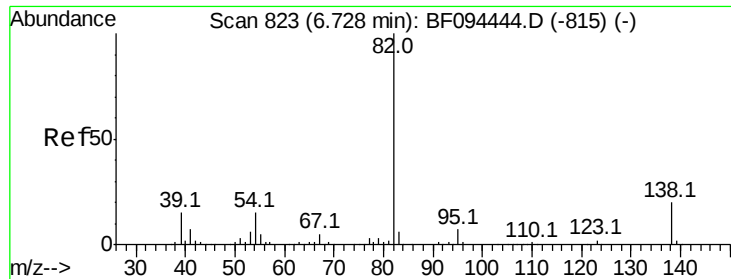


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.79 ng

RT: 6.72 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

ClientSampleId :

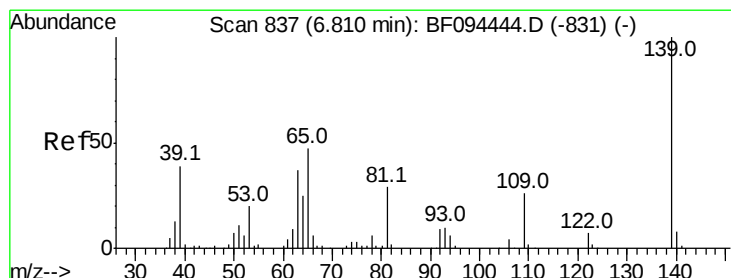
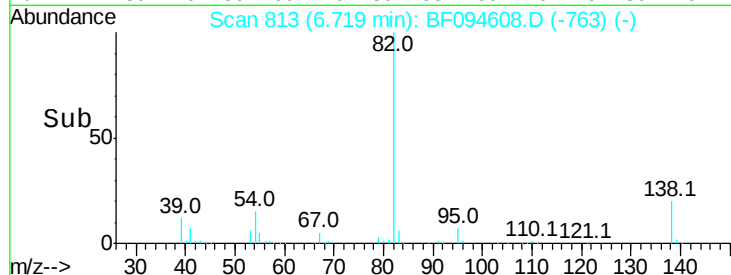
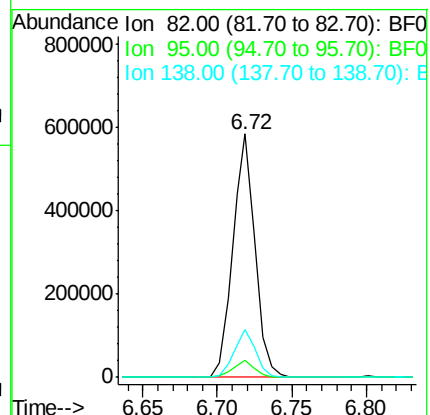
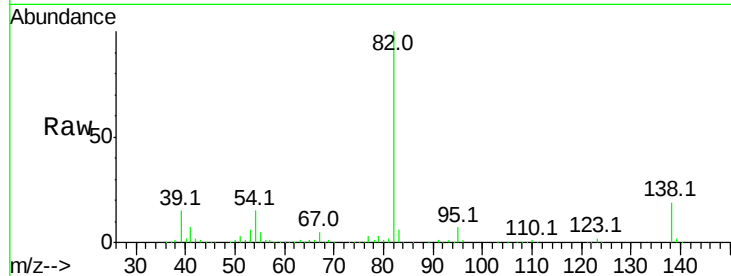
Tot Ion: 82 Resp: 612896

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 19.4 13.1 19.7



#26

2-Nitrophenol

Concen: 39.69 ng

RT: 6.80 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

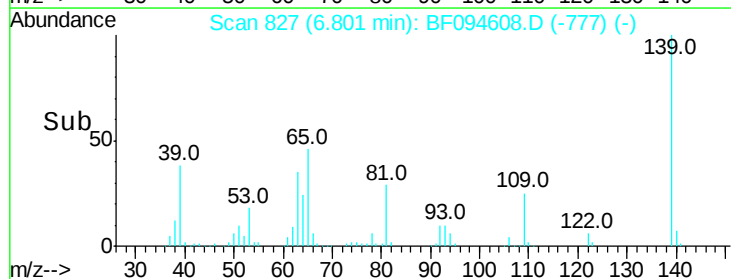
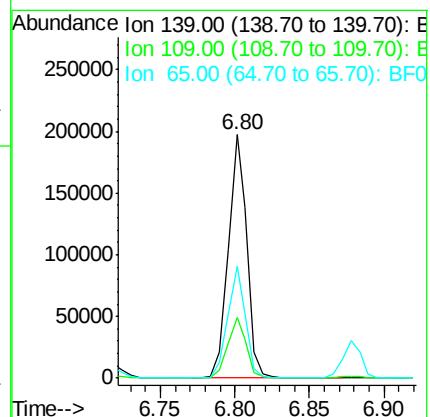
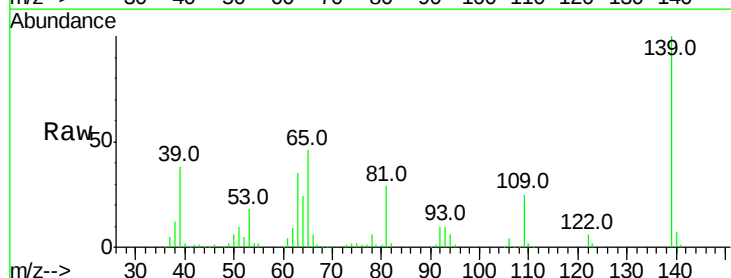
Tgt Ion:139 Resp: 173511

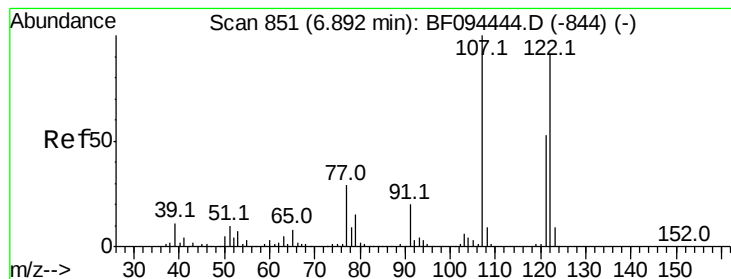
Ion Ratio Lower Upper

139 100

109 24.7 21.0 31.6

65 45.9 33.0 49.6

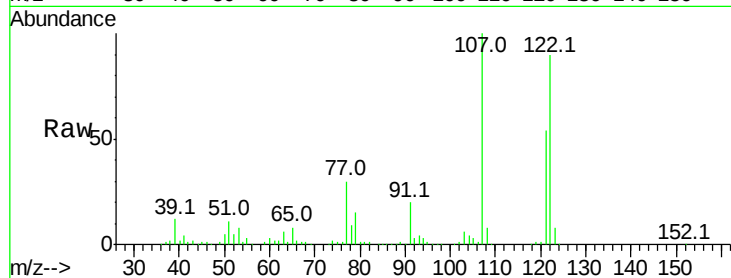




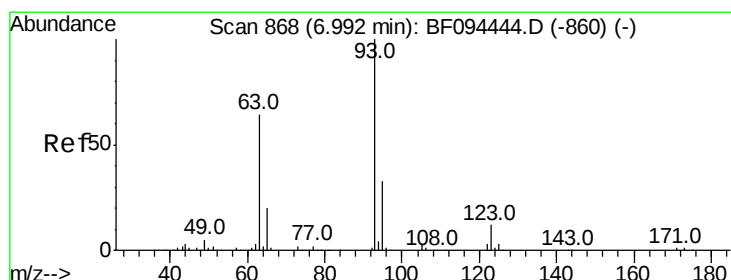
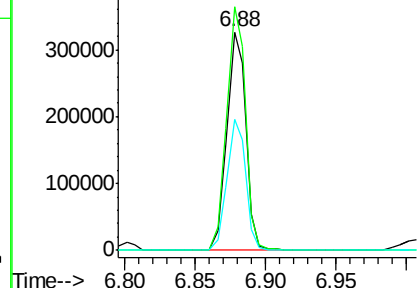
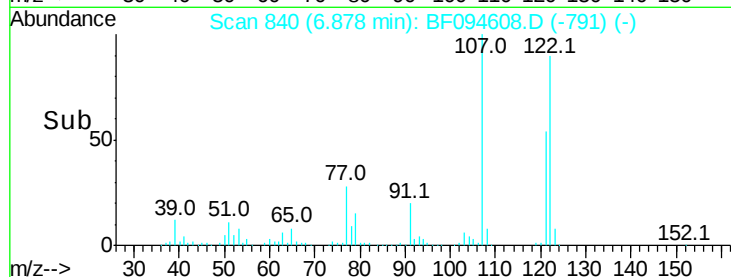
#27
 2,4-Dimethylphenol
 Concen: 43.04 ng
 RT: 6.88 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 305618
 Ion Ratio Lower Upper
 122 100
 107 111.7 89.2 133.8
 121 59.9 45.2 67.8

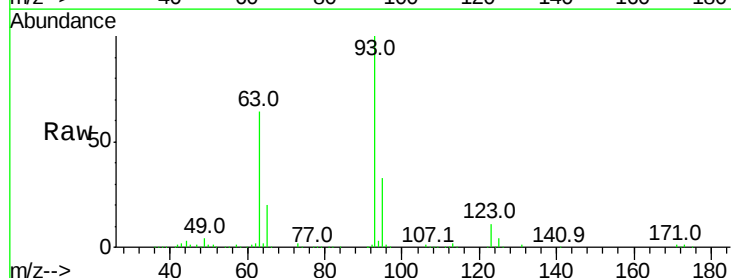


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

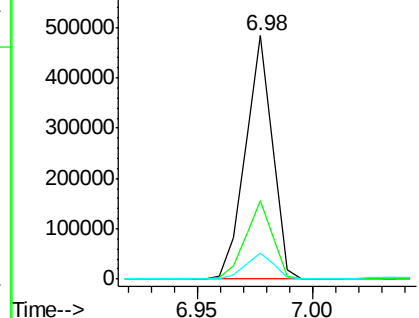
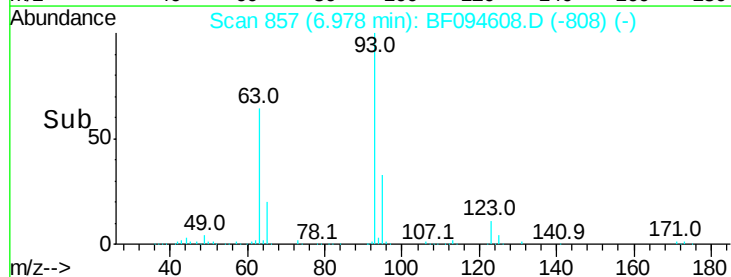


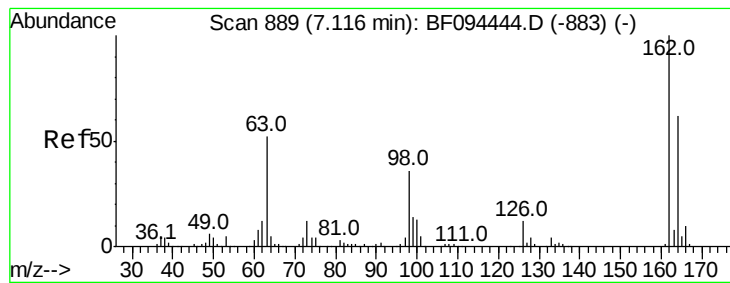
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.78 ng
 RT: 6.98 min Scan# 857
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion: 93 Resp: 396386
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.5 39.7
 123 10.8 9.0 13.4



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





#29

2,4-Dichlorophenol

Concen: 43.33 ng

RT: 7.11 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

ClientSampleId :

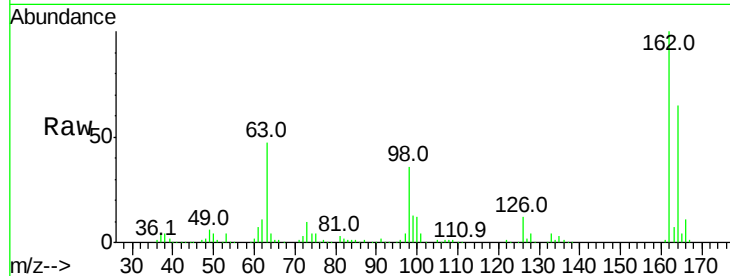
Tot Ion:162 Resp: 286217

Ion Ratio Lower Upper

162 100

164 65.5 44.6 84.6

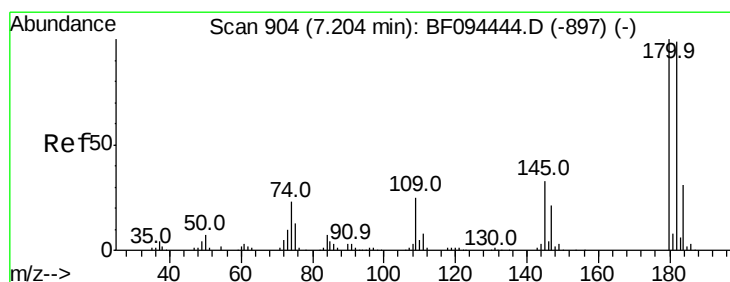
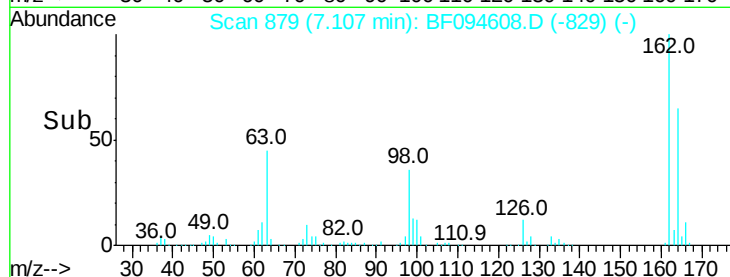
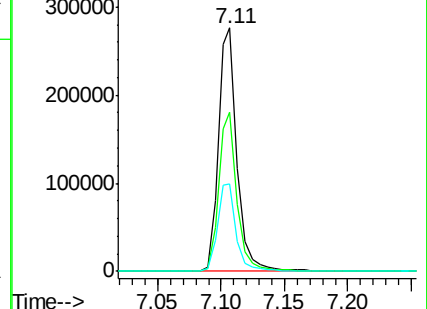
98 35.9 14.8 54.8



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: 41.67 ng

RT: 7.19 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

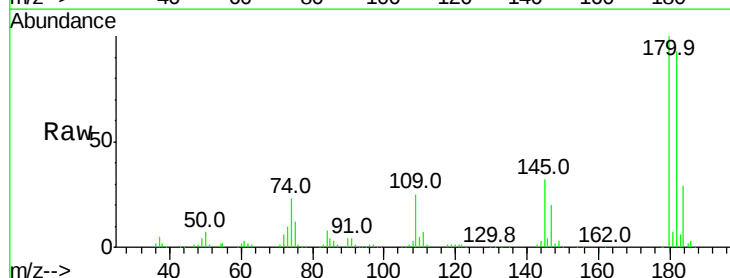
Tgt Ion:180 Resp: 284531

Ion Ratio Lower Upper

180 100

182 92.9 75.8 113.6

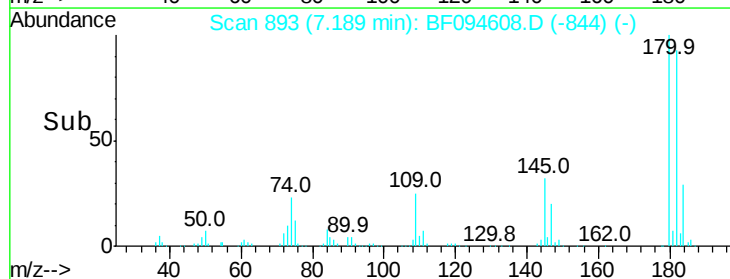
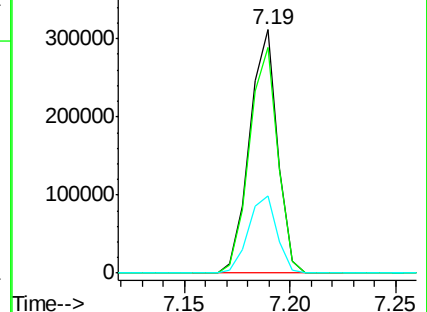
145 31.9 25.3 37.9

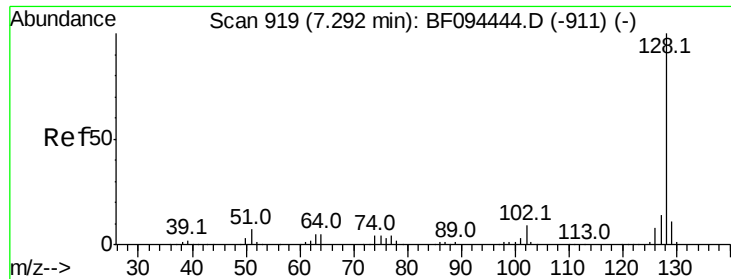


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

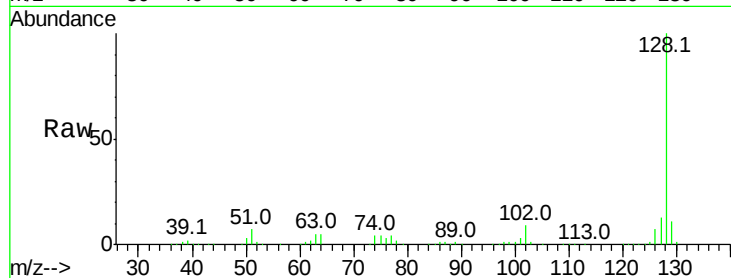




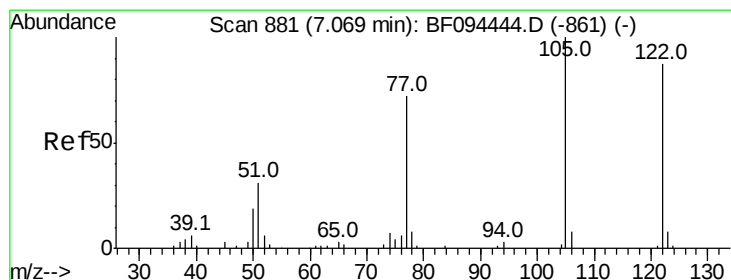
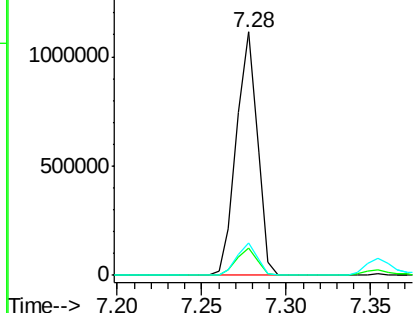
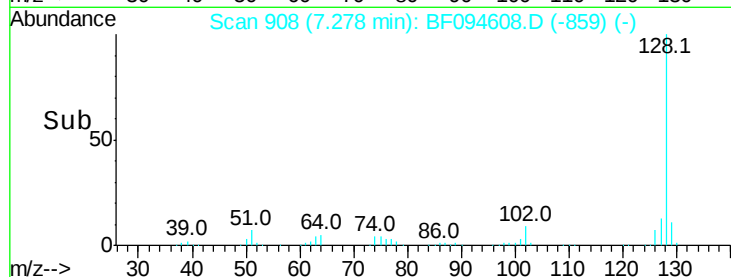
#31
Naphthalene
Concen: 41.95 ng
RT: 7.28 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 962232
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.2 10.8 16.2

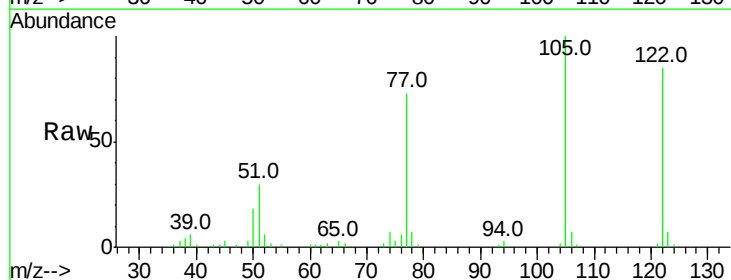


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

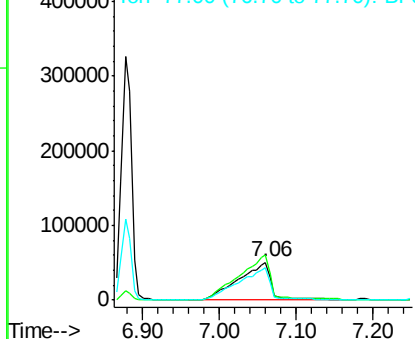
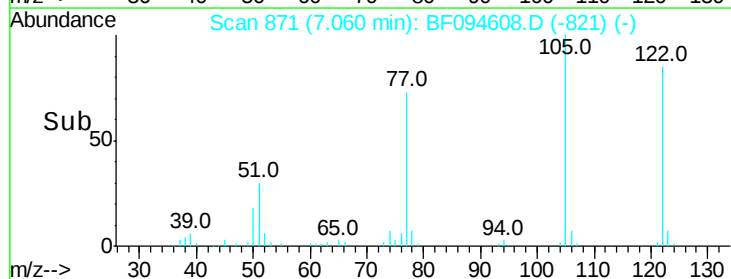


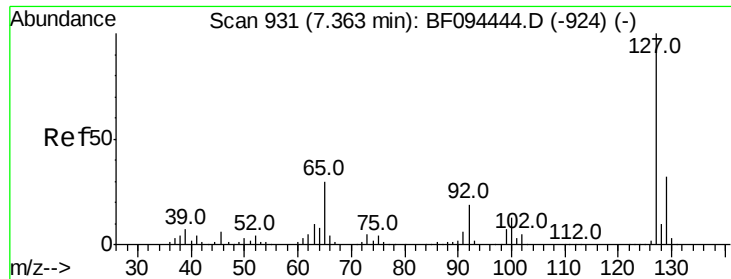
#32
Benzoic acid
Concen: 38.71 ng
RT: 7.06 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion:122 Resp: 145354
Ion Ratio Lower Upper
122 100
105 118.2 103.3 143.3
77 86.2 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

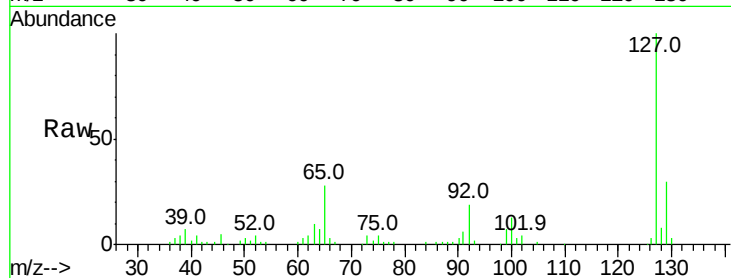




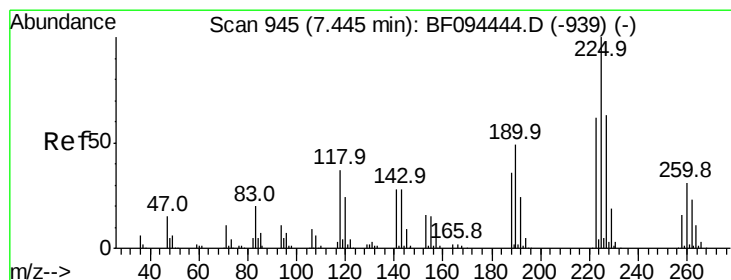
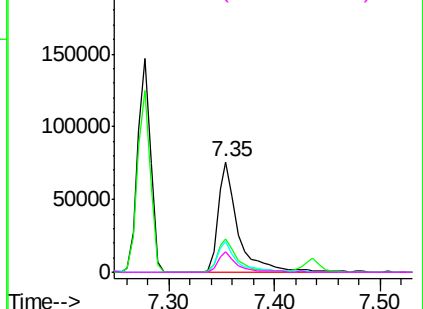
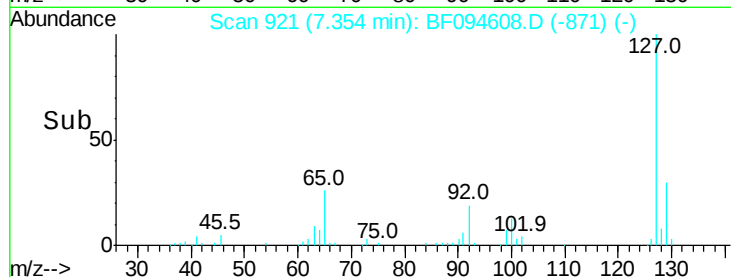
#33
 4-Chloroaniline
 Concen: 10.57 ng
 RT: 7.35 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	100859
Ion	Ratio	Lower	Upper
127	100		
129	29.8	26.2	39.2
65	27.9	27.8	41.8
92	19.0	16.8	25.2

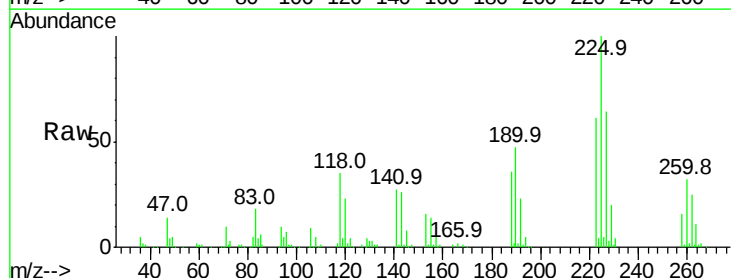


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

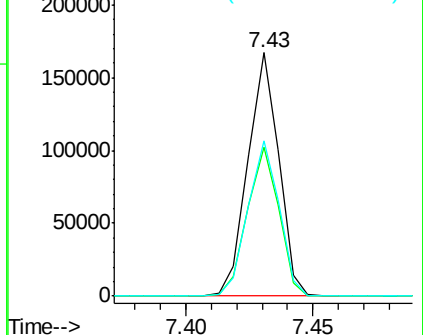
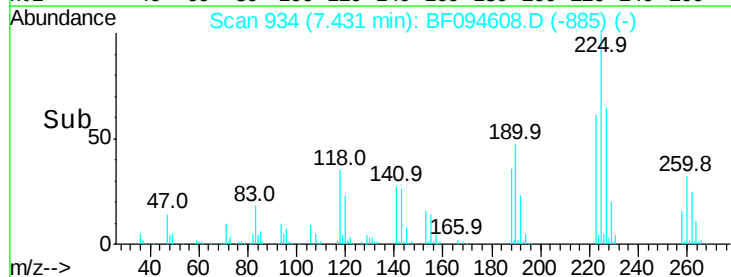


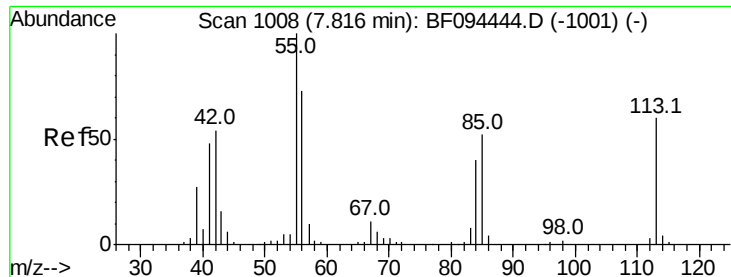
#34
 Hexachlorobutadiene
 Concen: 41.72 ng
 RT: 7.43 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion:	225	Resp:	142061
Ion	Ratio	Lower	Upper
225	100		
223	61.4	48.8	73.2
227	63.6	51.1	76.7



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





#35

Caprolactam

Concen: 29.26 ng

RT: 7.81 min Scan# 999

Delta R.T. -0.00 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

ClientSampled :

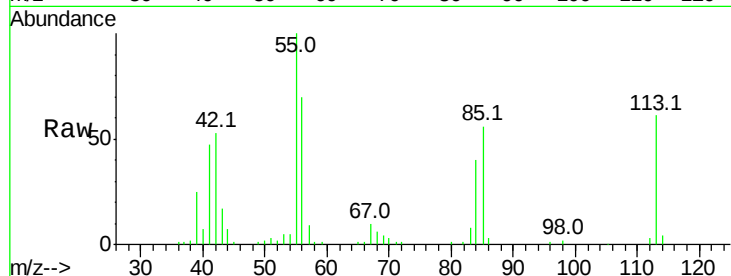
Tot Ion:113 Resp: 60722

Ion Ratio Lower Upper

113 100

55 162.7 150.2 190.2

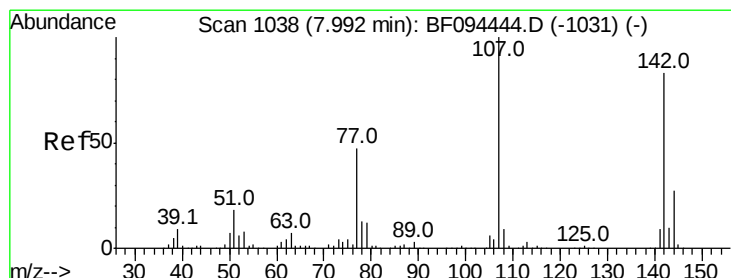
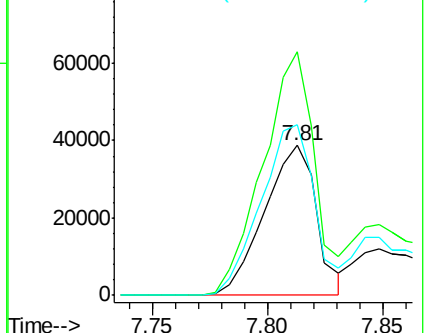
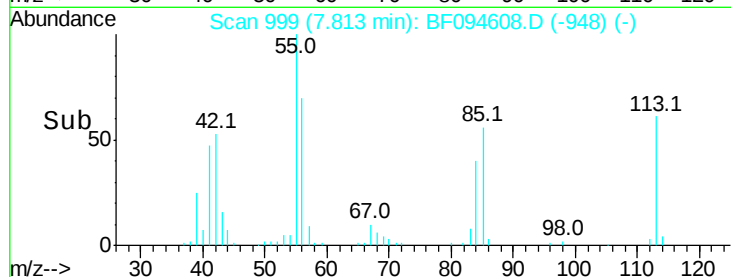
56 113.6 107.8 147.8



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: 42.37 ng

RT: 7.98 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

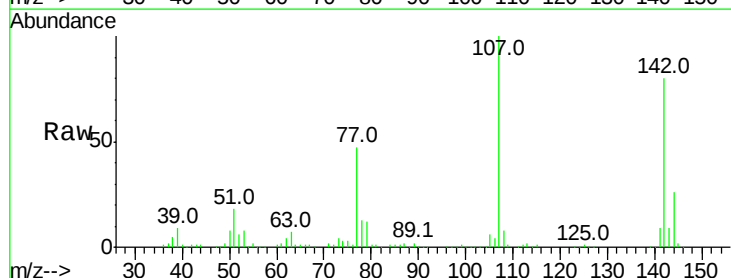
Tgt Ion:107 Resp: 293306

Ion Ratio Lower Upper

107 100

144 25.7 24.2 36.4

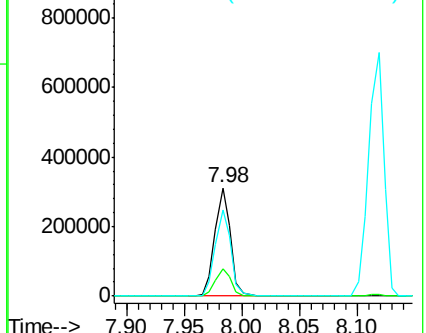
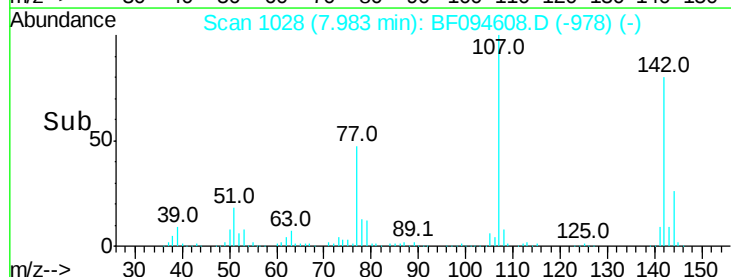
142 80.0 73.4 110.0

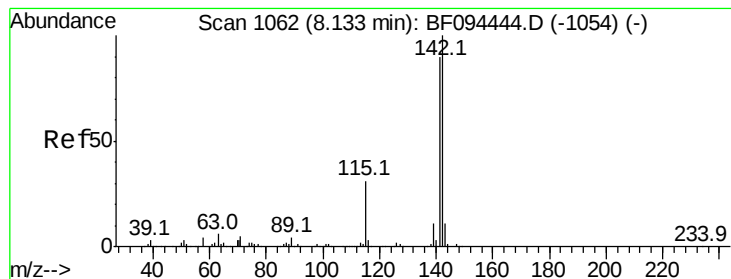


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.97 ng

RT: 8.12 min Scan# 1051

Delta R.T. -0.01 min

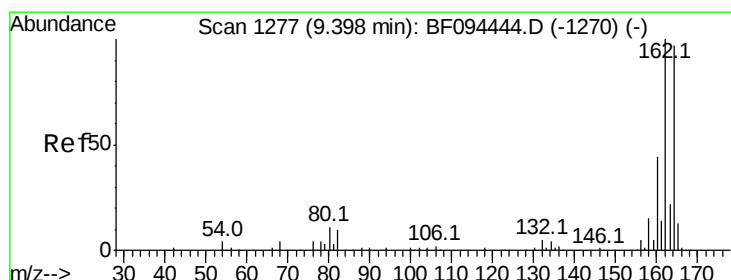
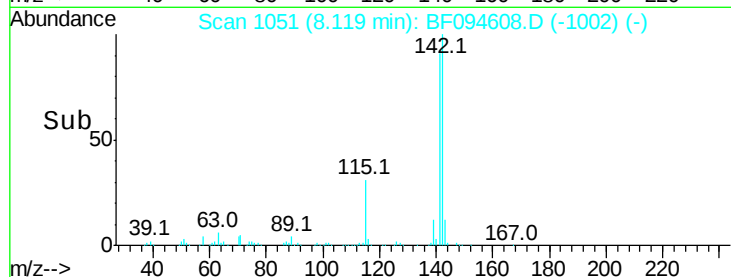
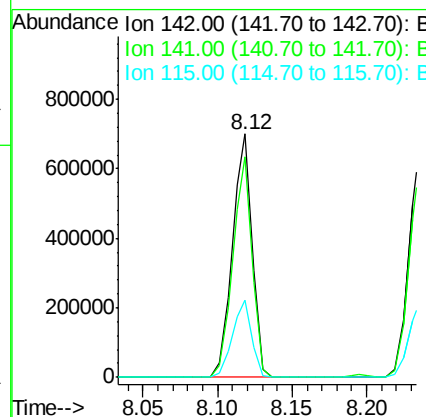
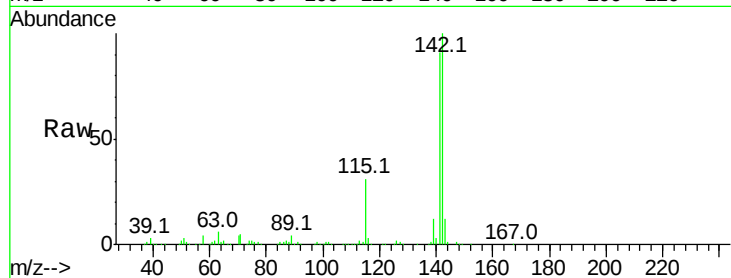
Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 658536

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.3	106.9
115	31.5	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 1266

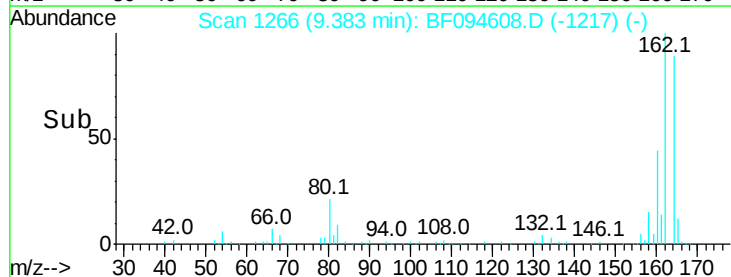
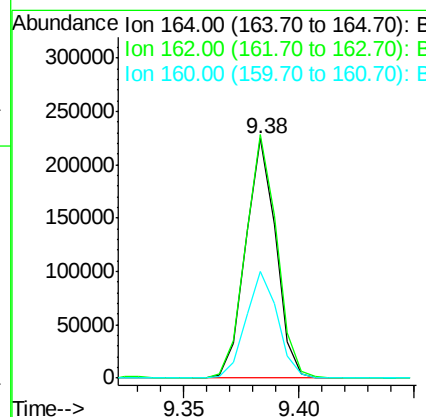
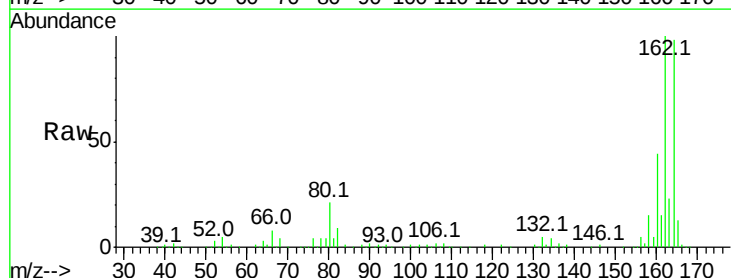
Delta R.T. -0.01 min

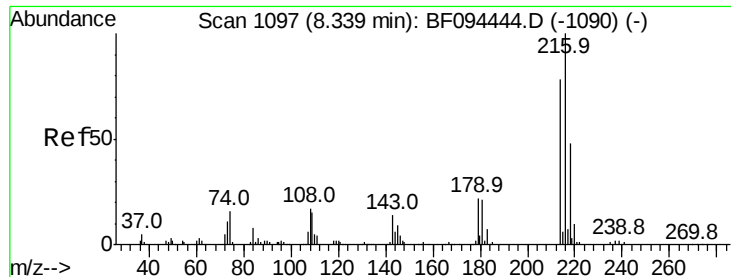
Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Tgt Ion:164 Resp: 206328

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	123.8
160	44.5	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.75 ng

RT: 8.32 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 257041

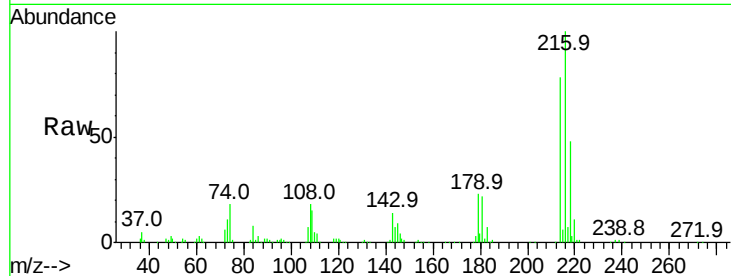
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.2

179 22.4 17.9 26.9

108 19.6 16.5 24.7

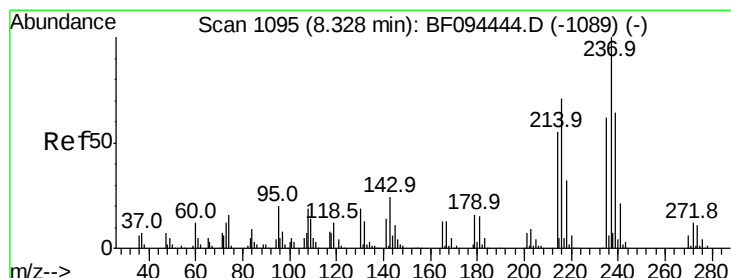
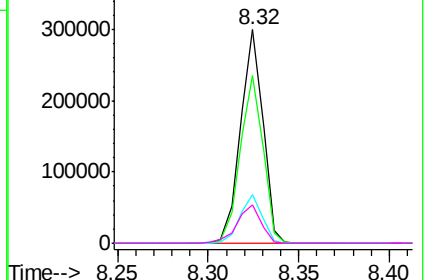
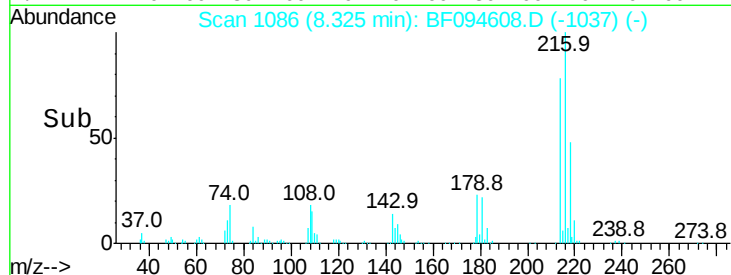


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.70 ng

RT: 8.31 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

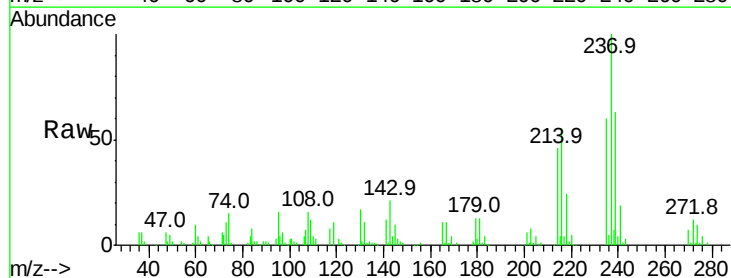
Tgt Ion:237 Resp: 94369

Ion Ratio Lower Upper

237 100

235 60.1 42.6 82.6

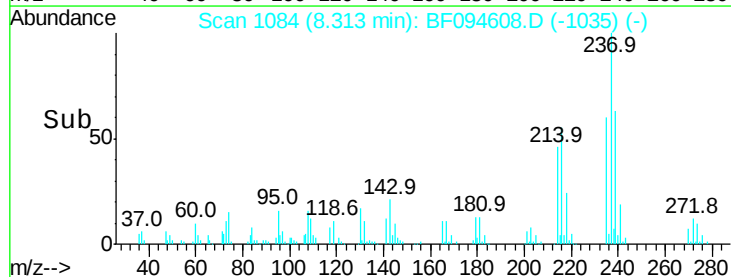
272 11.7 0.0 31.9



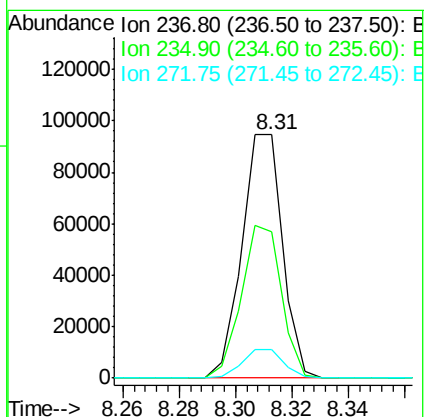
Abundance Ion 236.80 (236.50 to 237.50): E

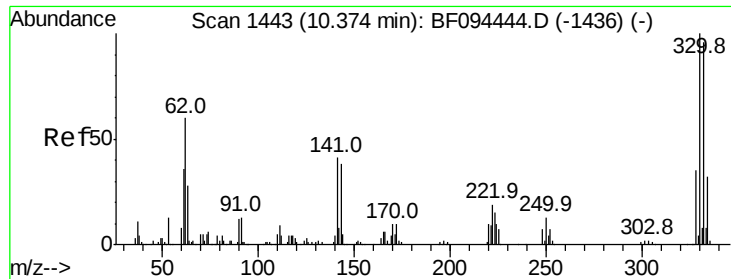
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

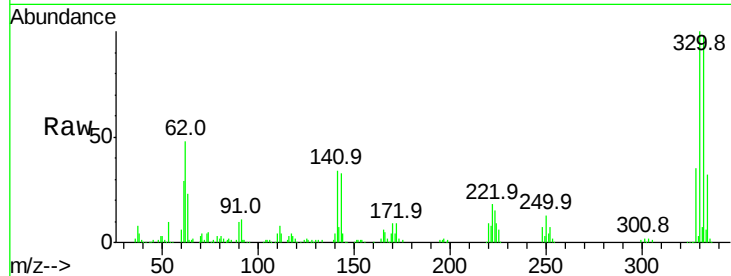




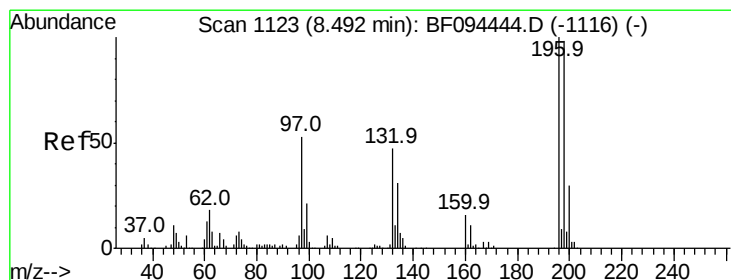
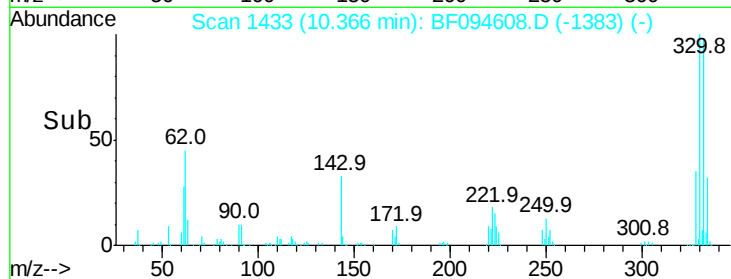
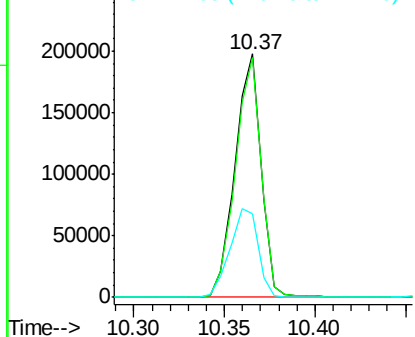
#41
 2,4,6-Tribromophenol
 Concen: 122.78 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.6	115.0
141	39.6	31.4	47.2

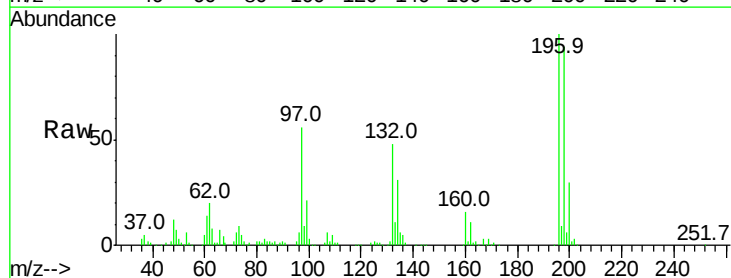


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

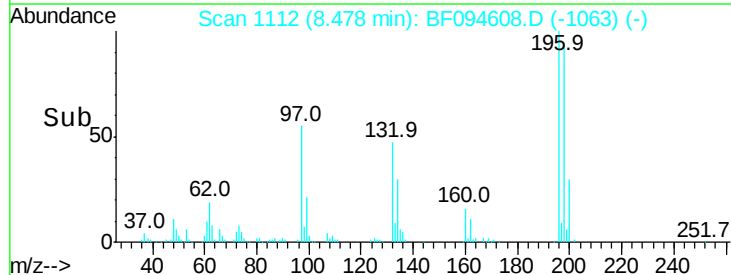
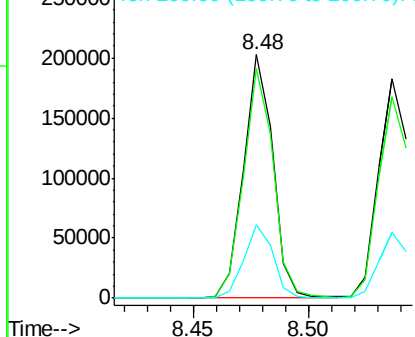


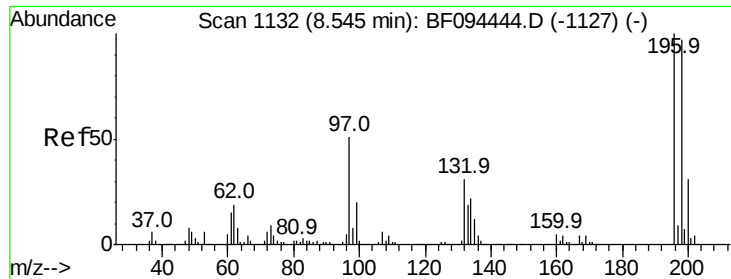
#42
 2,4,6-Trichlorophenol
 Concen: 43.91 ng
 RT: 8.48 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	74.2	111.4
200	29.9	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

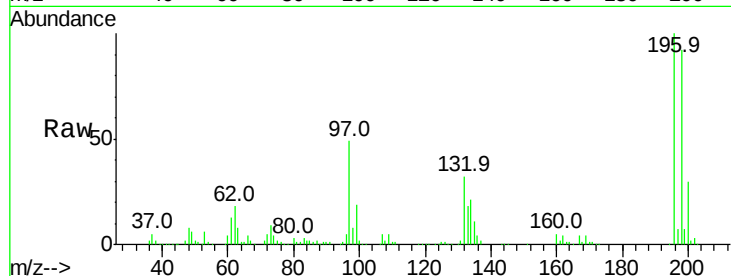




#43
 2,4,5-Trichlorophenol
 Concen: 43.95 ng
 RT: 8.54 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.2	75.7	113.5
97	49.2	47.7	71.5
132	31.5	28.0	42.0



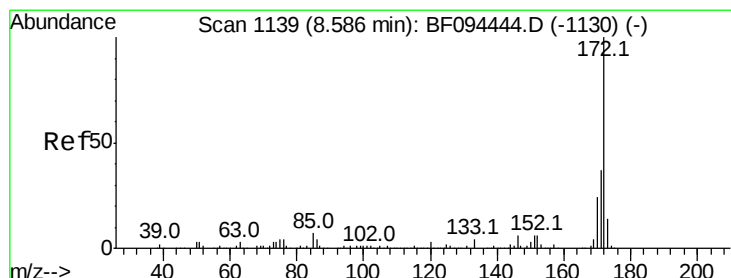
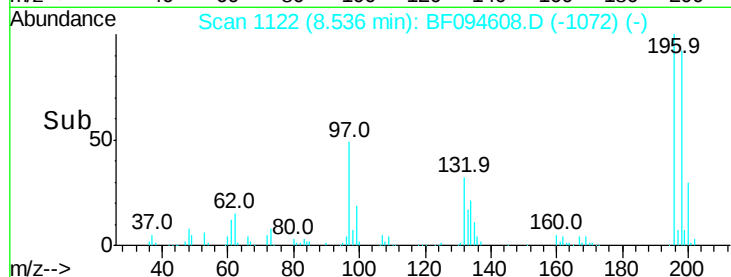
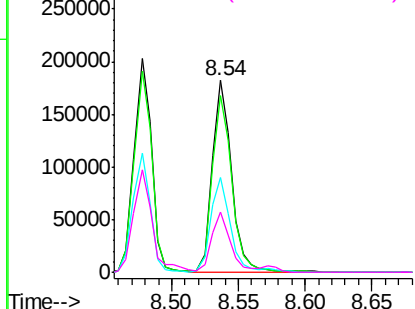
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

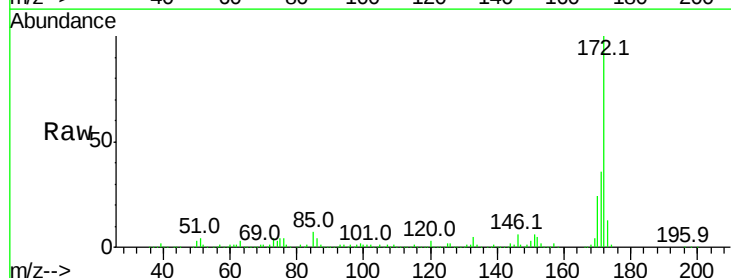
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.60 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.7	19.8	29.8

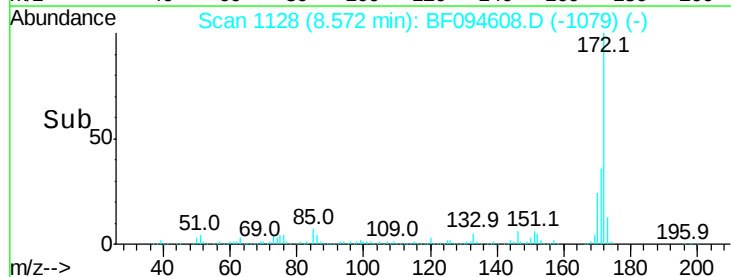
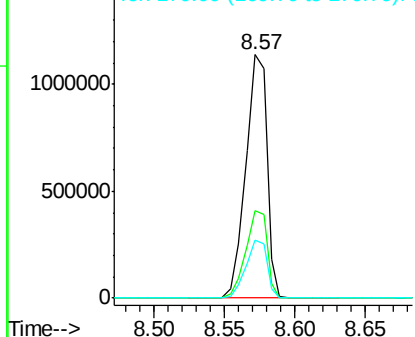


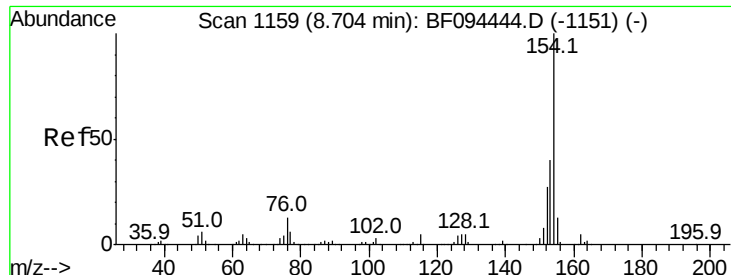
Abundance

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

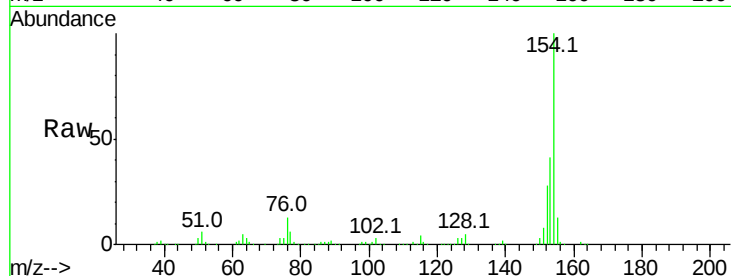




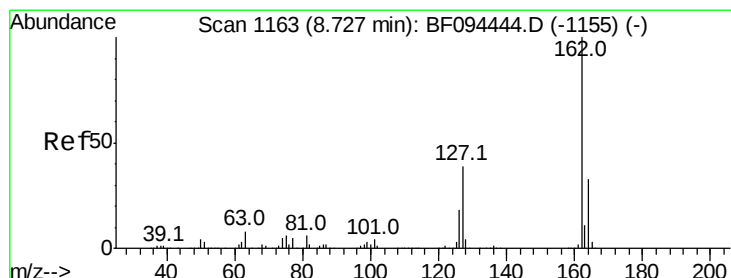
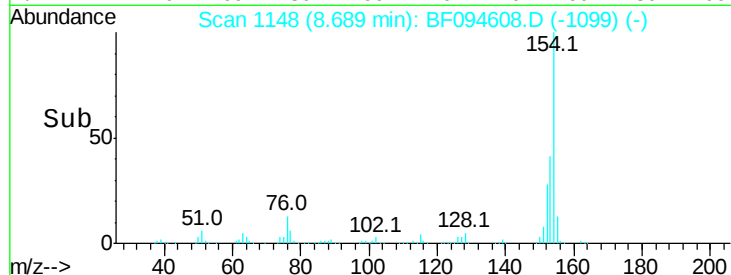
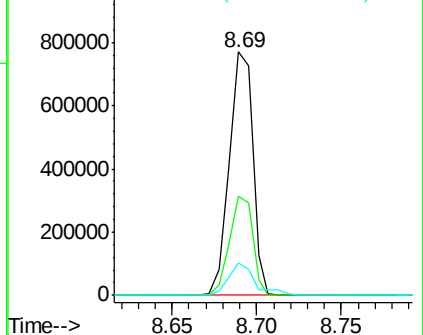
#45
 1,1'-Biphenyl
 Concen: 44.09 ng
 RT: 8.69 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.2	61.2
76	13.5	0.0	29.9

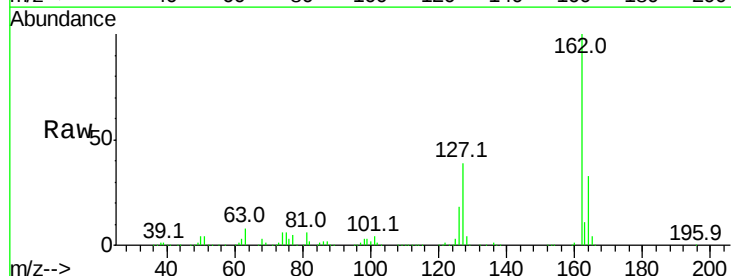


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

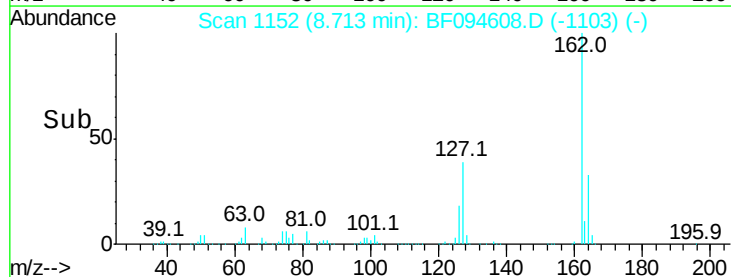
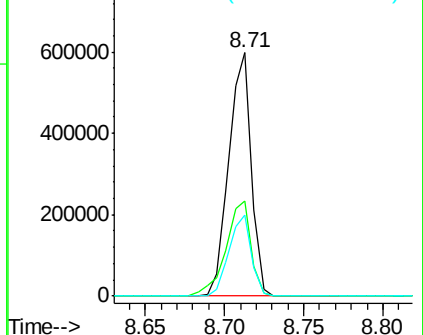


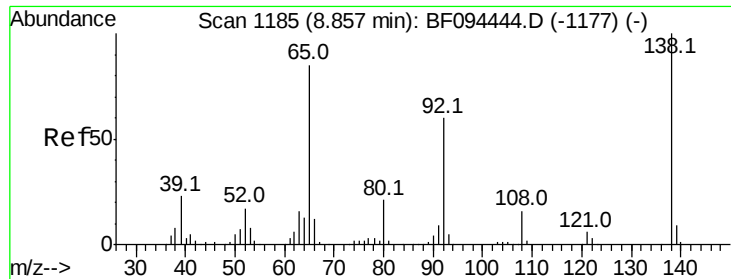
#46
 2-Chloronaphthalene
 Concen: 43.98 ng
 RT: 8.71 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.0	28.3	42.5
164	33.4	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

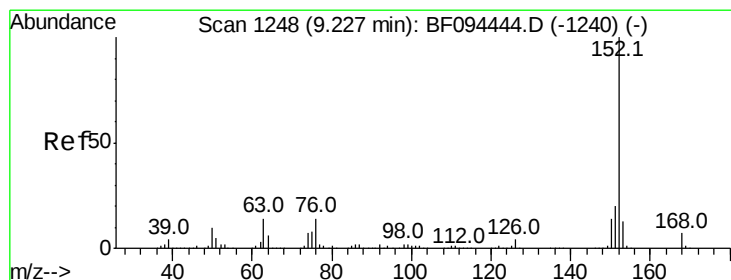
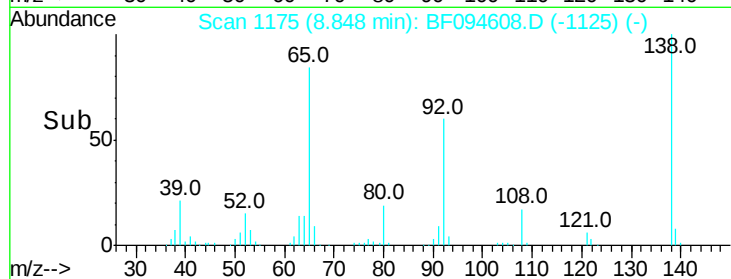
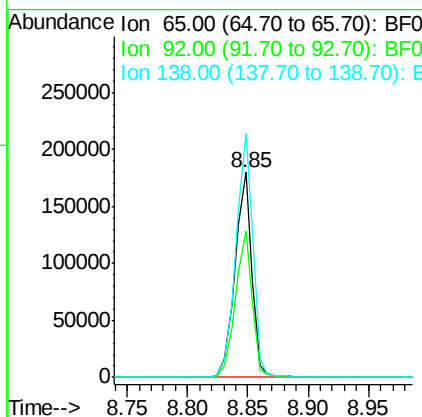
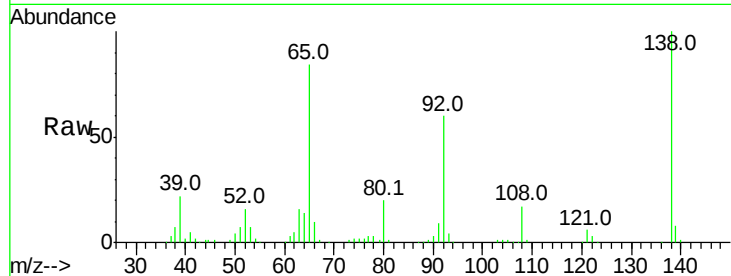




#47
 2-Nitroaniline
 Concen: 45.73 ng
 RT: 8.85 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

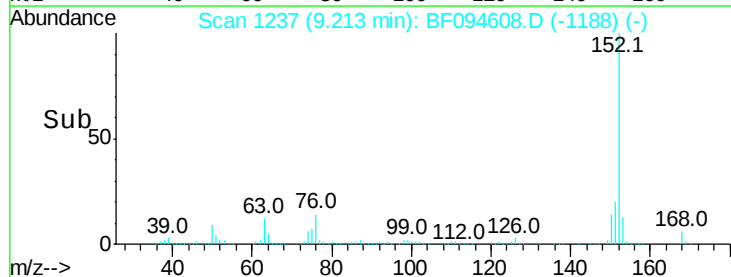
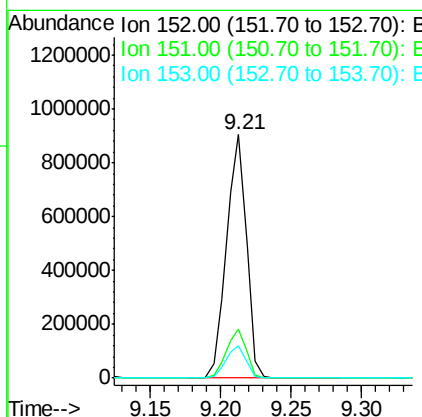
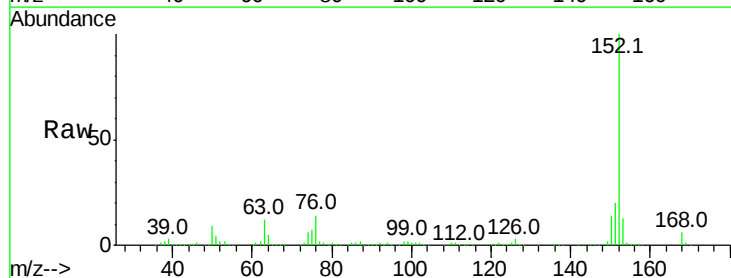
Instrument :
 BNA_F
 ClientSampleId :

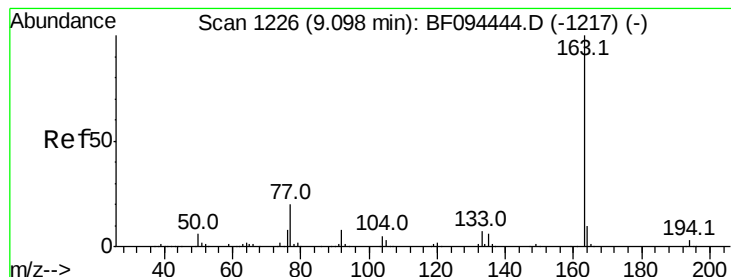
Tot Ion: 65 Resp: 176329
 Ion Ratio Lower Upper
 65 100
 92 71.4 53.9 80.9
 138 118.7 78.8 118.2#



#48
 Acenaphthylene
 Concen: 42.36 ng
 RT: 9.21 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion:152 Resp: 885224
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.8 25.2
 153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 46.21 ng

RT: 9.09 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

ClientSampleId :

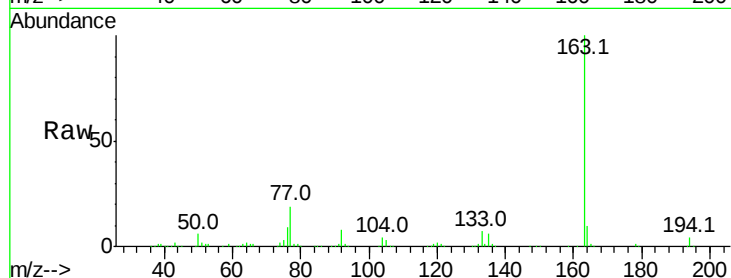
Tot Ion:163 Resp: 710543

Ion Ratio Lower Upper

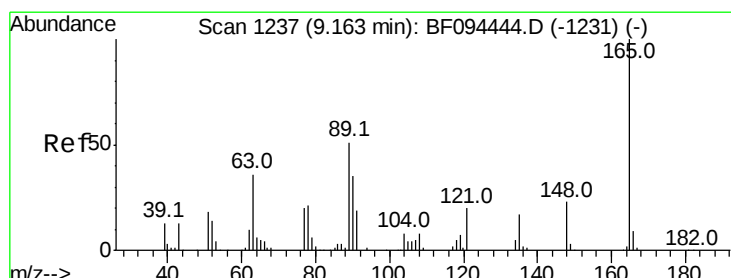
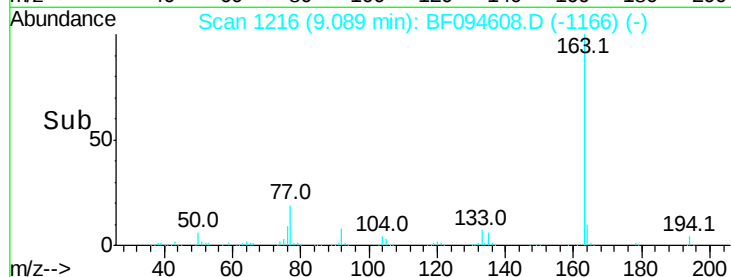
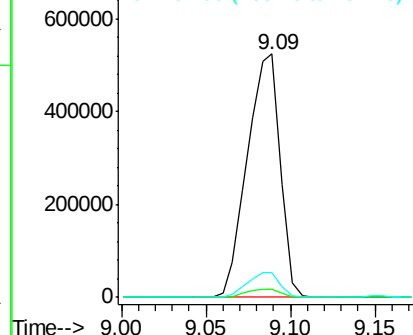
163 100

194 3.6 2.6 4.0

164 10.0 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 44.40 ng

RT: 9.15 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

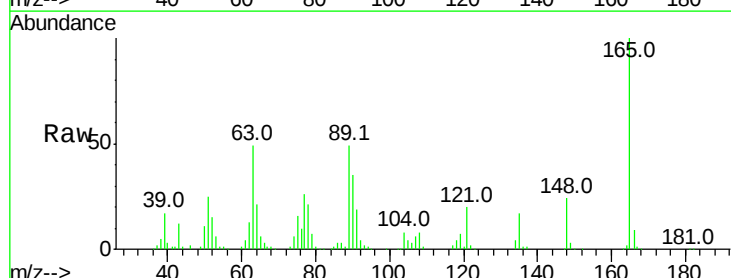
Tgt Ion:165 Resp: 153255

Ion Ratio Lower Upper

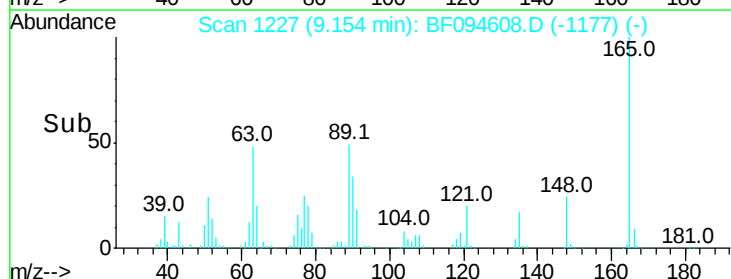
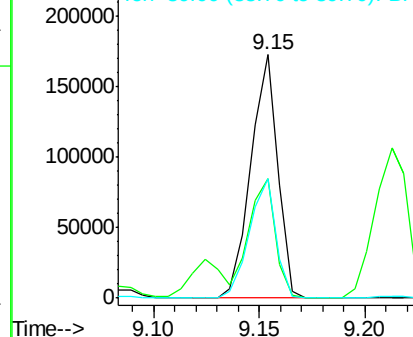
165 100

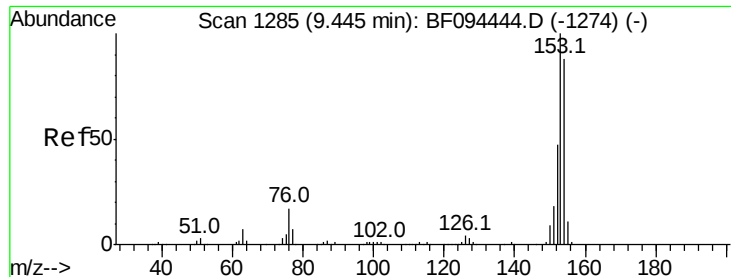
63 49.2 34.3 51.5

89 49.2 37.1 55.7



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





#51

Acenaphthene

Concen: 43.05 ng

RT: 9.42 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

ClientSampleId :

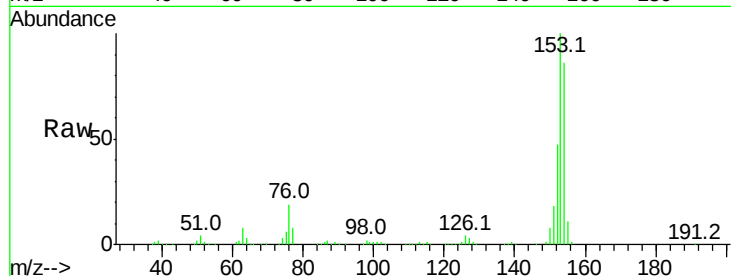
Tot Ion:154 Resp: 538823

Ion Ratio Lower Upper

154 100

153 115.6 90.5 135.7

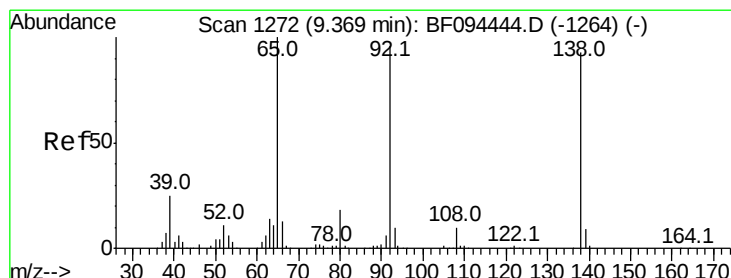
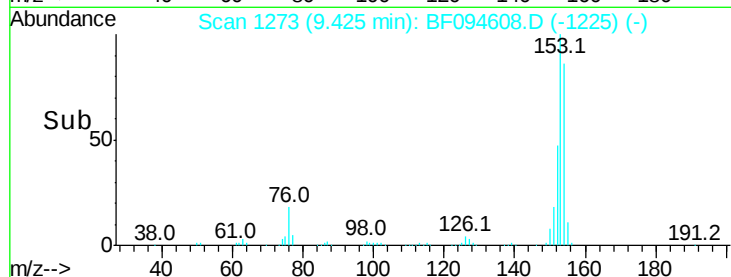
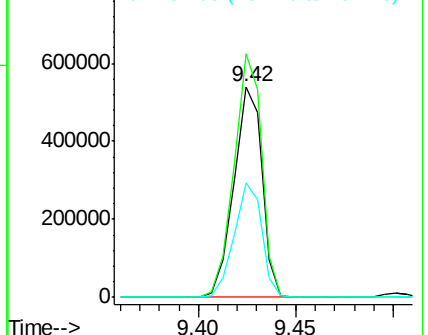
152 54.4 43.6 65.4



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: 27.02 ng

RT: 9.35 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

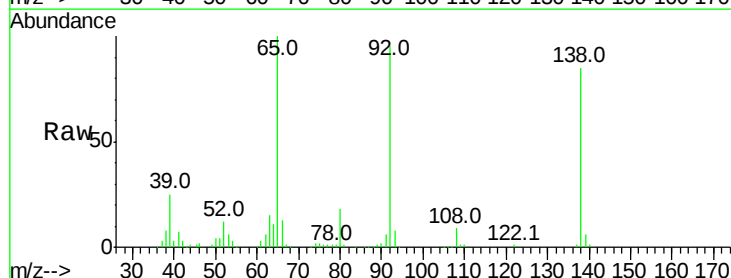
Tgt Ion:138 Resp: 107877

Ion Ratio Lower Upper

138 100

108 10.9 9.1 13.7

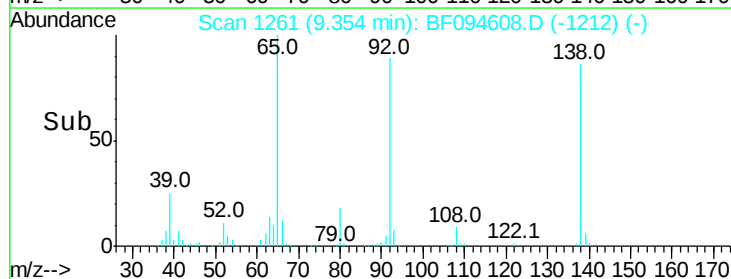
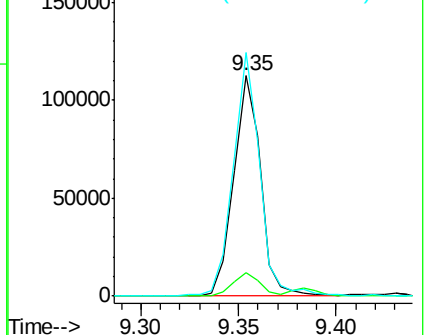
92 110.7 93.8 140.6

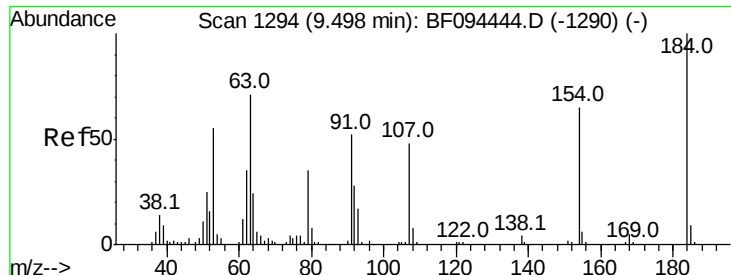


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

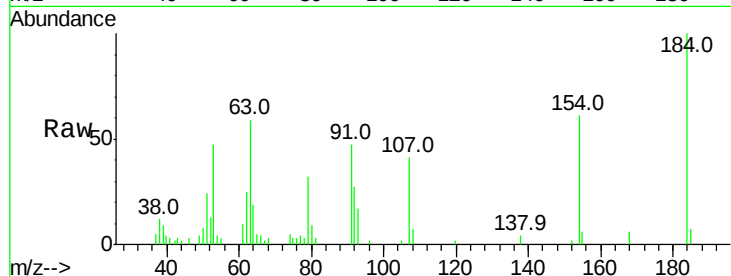




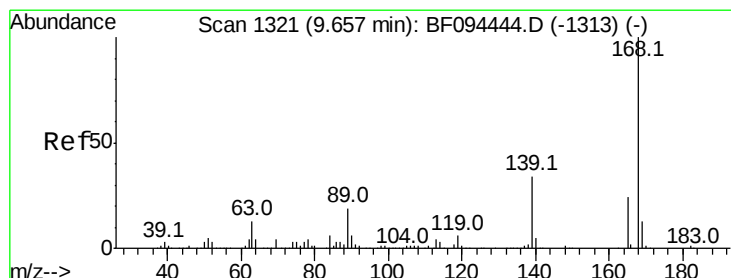
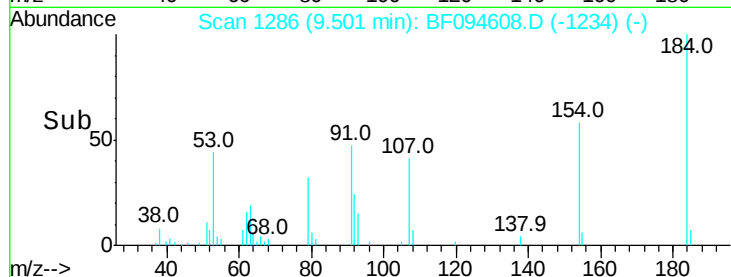
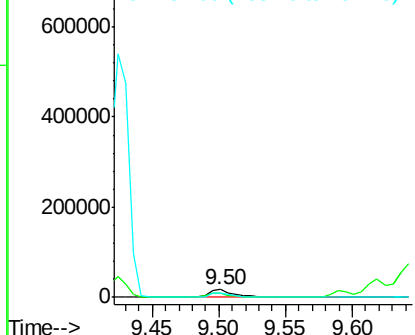
#53
 2,4-Dinitrophenol
 Concen: 17.20 ng
 RT: 9.50 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 23085
 Ion Ratio Lower Upper
 184 100
 63 59.4 62.7 94.1#
 154 60.8 81.1 121.7#

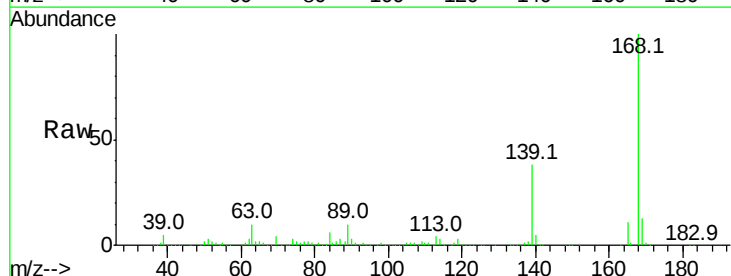


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

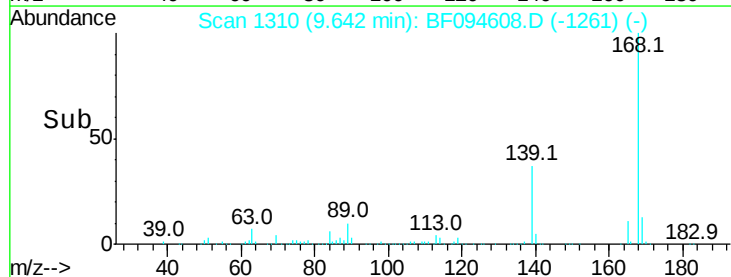
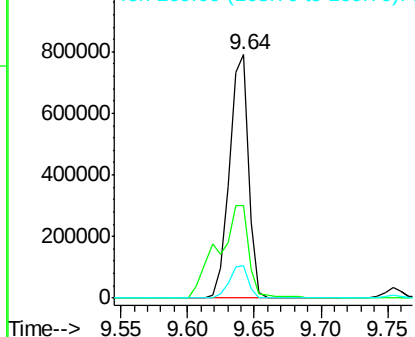


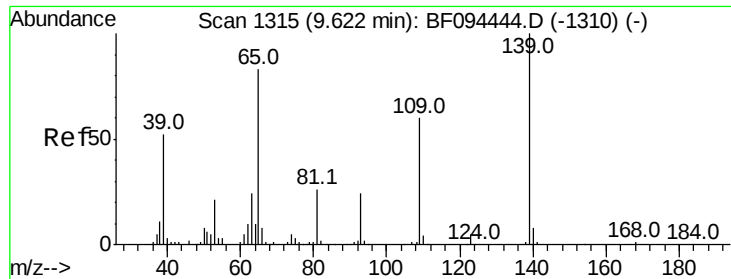
#54
 Dibenzofuran
 Concen: 43.95 ng
 RT: 9.64 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion:168 Resp: 799456
 Ion Ratio Lower Upper
 168 100
 139 38.1 30.6 45.8
 169 13.1 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

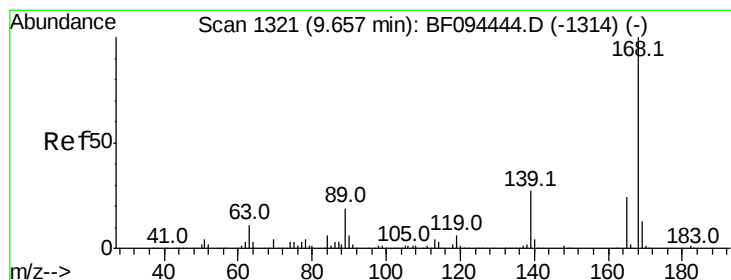
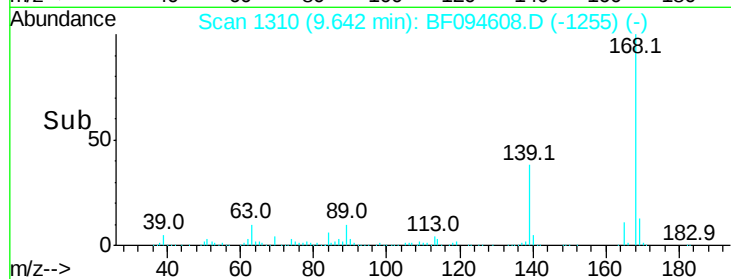
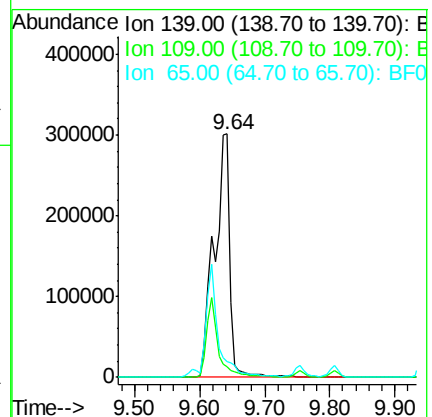
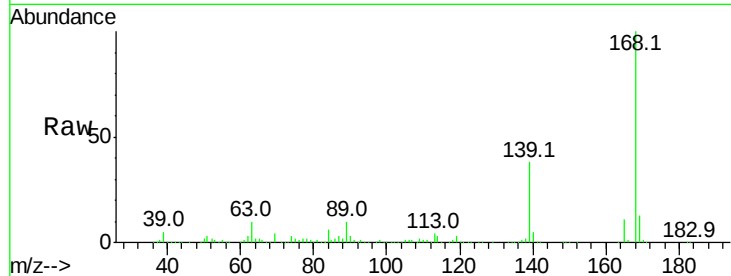




#55
4-Nitrophenol
Concen: 178.28 ng
RT: 9.64 min Scan# 1310
Delta R.T. 0.02 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

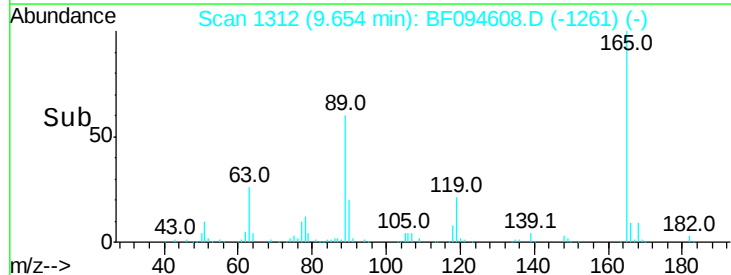
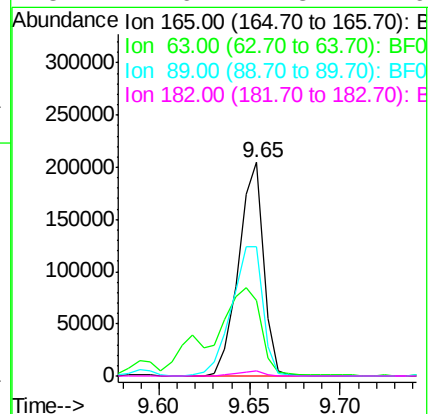
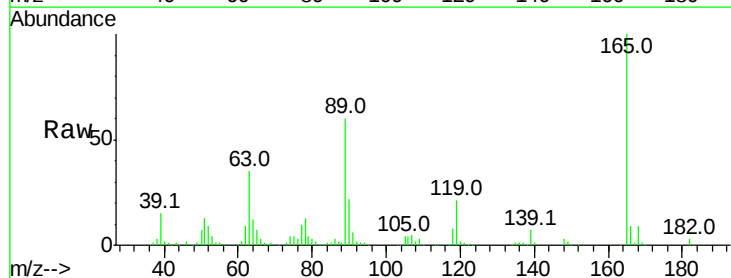
Instrument :
BNA_F
ClientSampleId :

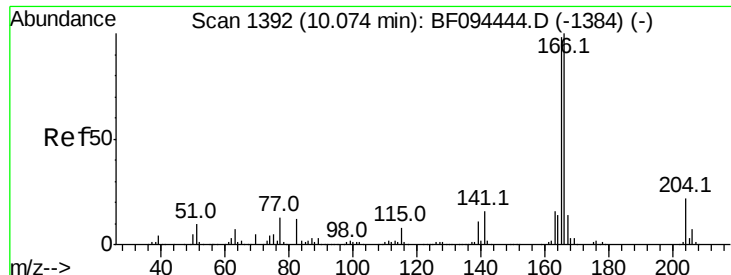
Tot Ion	Ratio	Lower	Upper
139	100		
109	4.1	34.1	74.1#
65	6.4	31.4	71.4#



#56
2,4-Dinitrotoluene
Concen: 46.37 ng
RT: 9.65 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.1	25.4	38.0
89	60.5	46.4	69.6
182	2.6	1.8	2.6

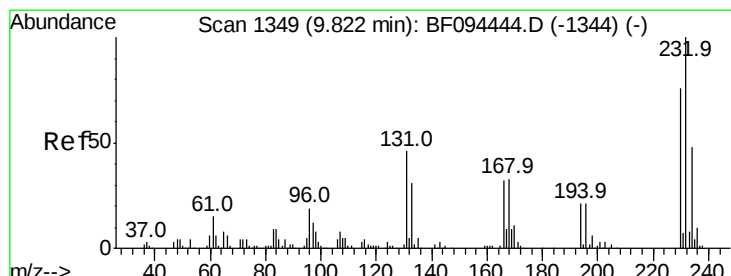
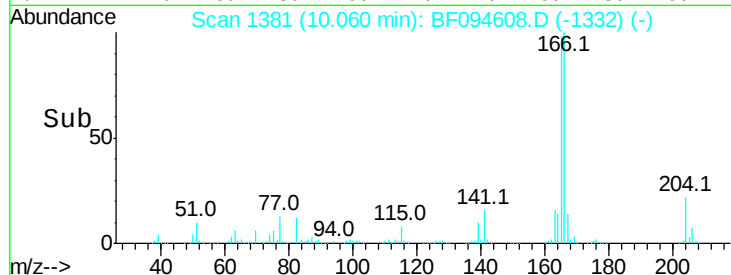
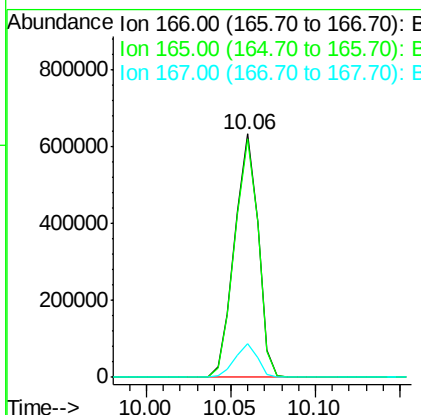
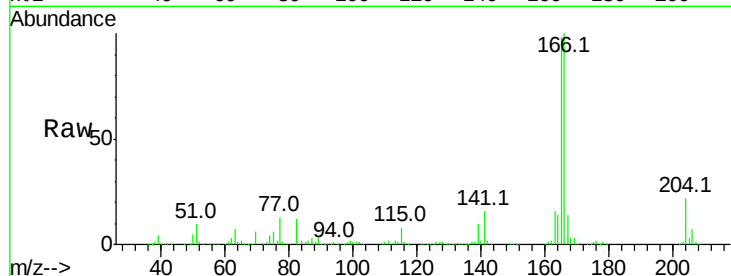




#57
 Fluorene
 Concen: 43.38 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

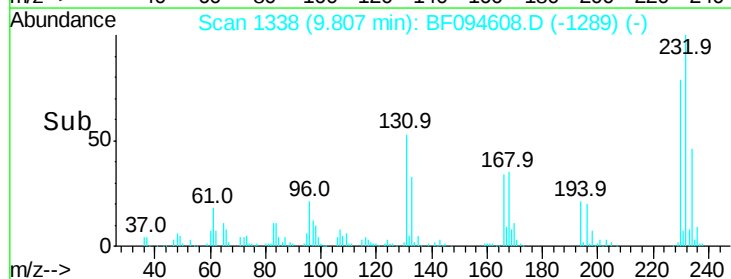
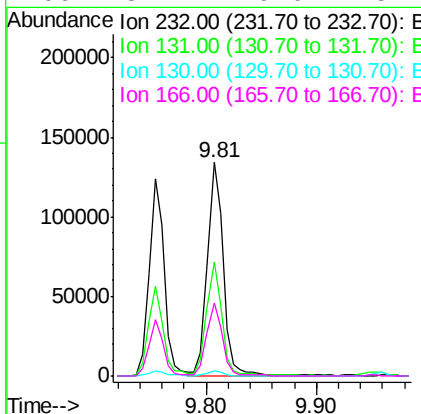
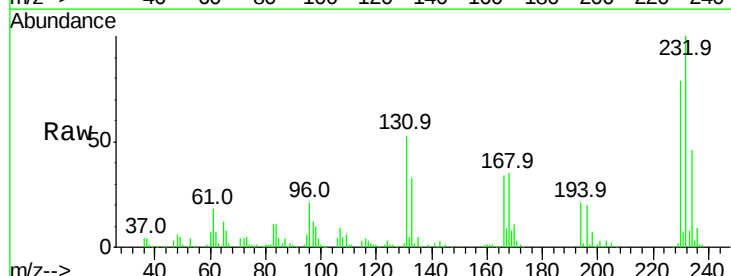
Instrument :
 BNA_F
 ClientSampleId :

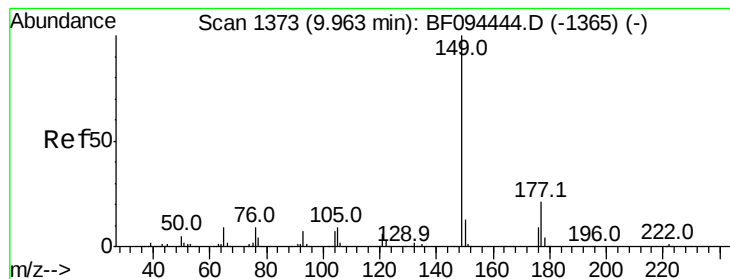
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.8	118.2
167	14.1	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.03 ng
 RT: 9.81 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.8	44.8	67.2
130	2.3	2.3	3.5
166	34.1	29.0	43.4





#59

Diethylphthalate

Concen: 45.51 ng

RT: 9.95 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

ClientSampleId :

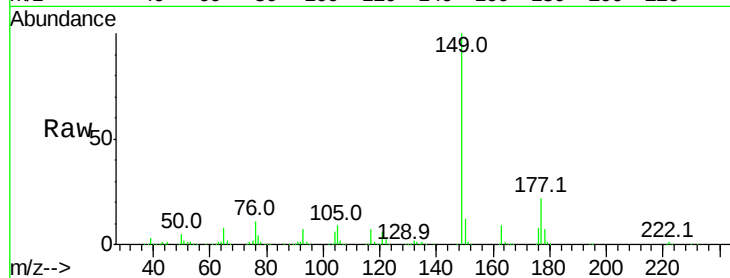
Tot Ion:149 Resp: 660293

Ion Ratio Lower Upper

149 100

177 22.0 16.7 25.1

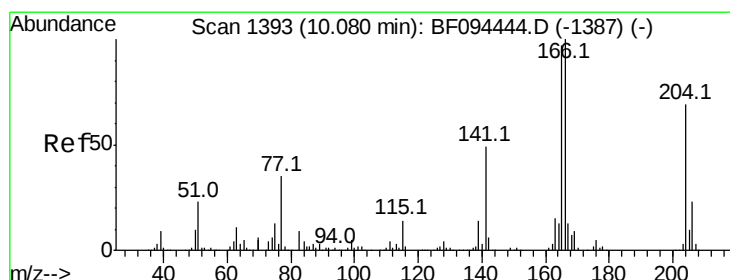
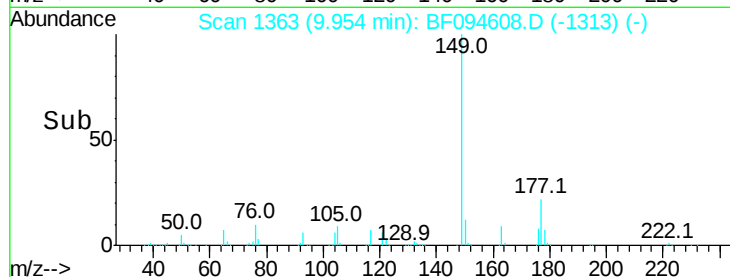
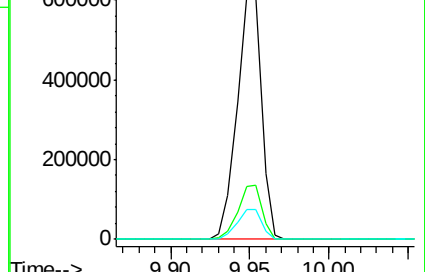
150 12.1 10.2 15.2



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: 45.53 ng

RT: 10.07 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

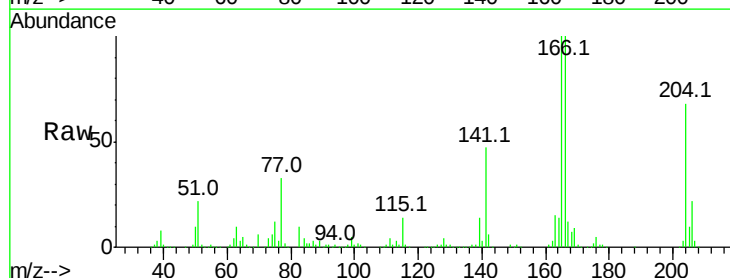
Tgt Ion:204 Resp: 268396

Ion Ratio Lower Upper

204 100

206 32.3 26.2 39.2

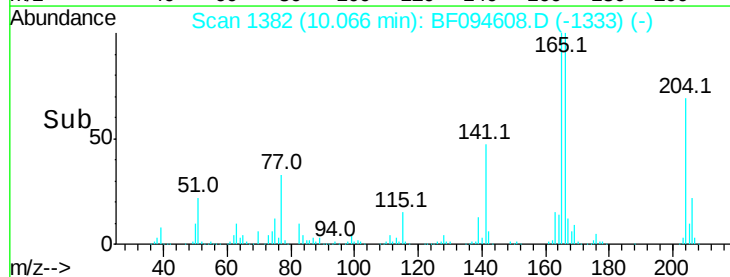
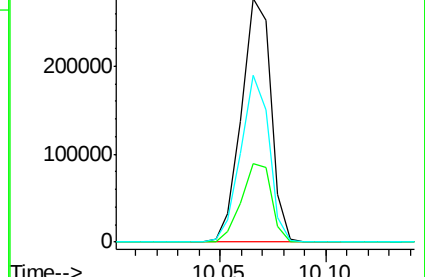
141 68.3 60.8 91.2

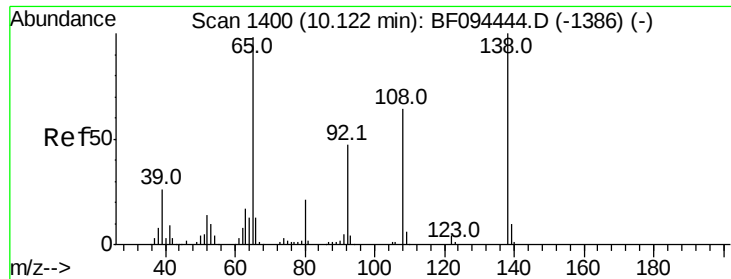


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.20 ng

RT: 10.11 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

ClientSampleId :

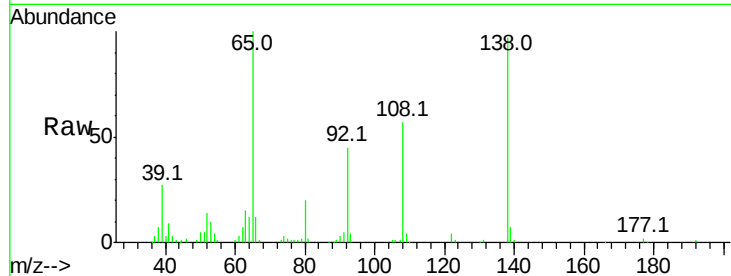
Tot Ion:138 Resp: 146949

Ion	Ratio	Lower	Upper
138	100		
92	46.5	21.8	61.8
108	58.9	42.3	82.3

138 100

92 46.5 21.8 61.8

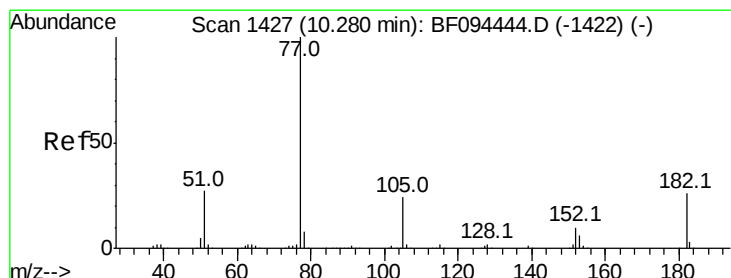
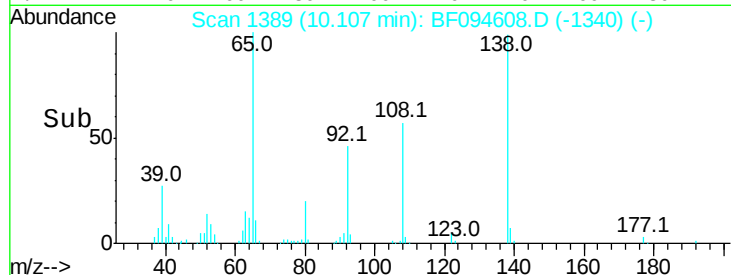
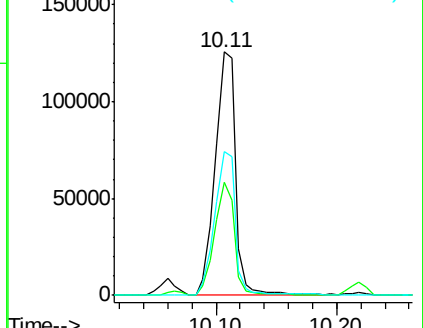
108 58.9 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.76 ng

RT: 10.27 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Tgt Ion: 77 Resp: 630469

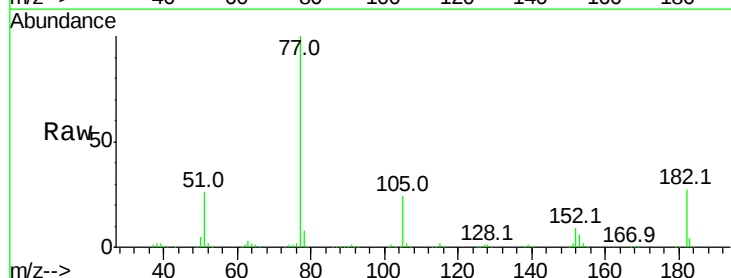
Ion	Ratio	Lower	Upper
77	100		
182	26.7	0.1	40.1
105	23.8	3.6	43.6
51	26.1	9.4	49.4

77 100

182 26.7 0.1 40.1

105 23.8 3.6 43.6

51 26.1 9.4 49.4

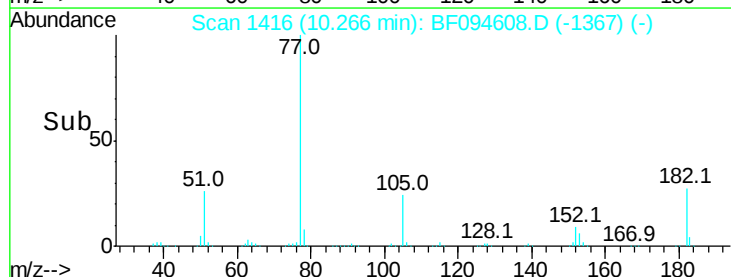
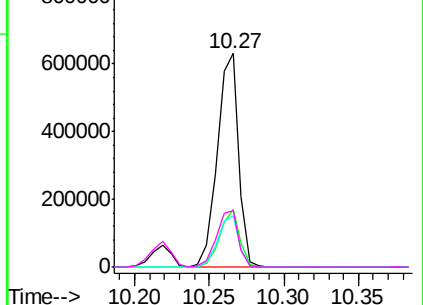


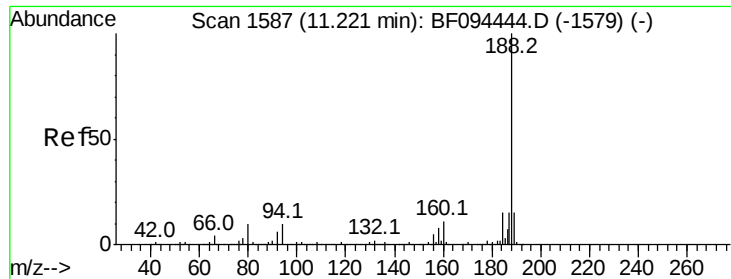
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

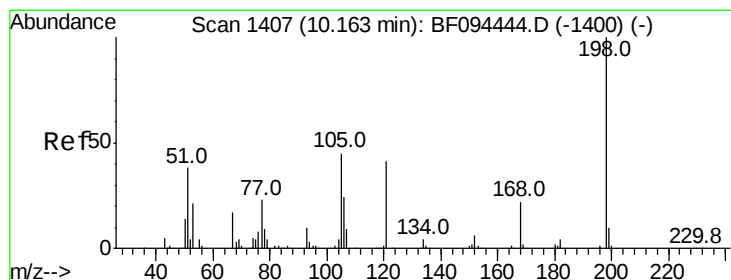
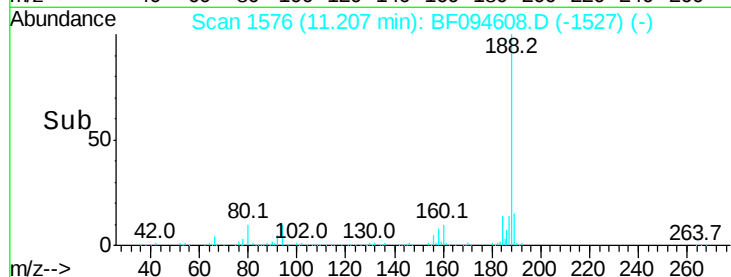
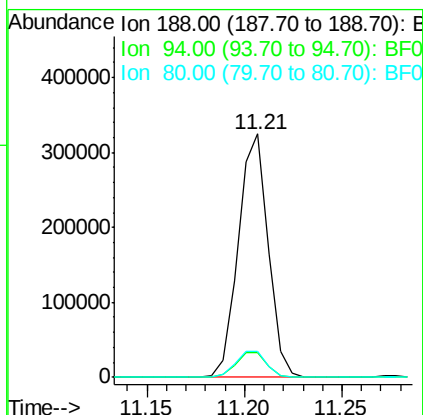
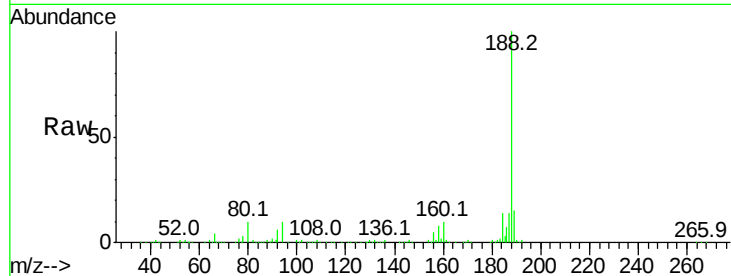




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

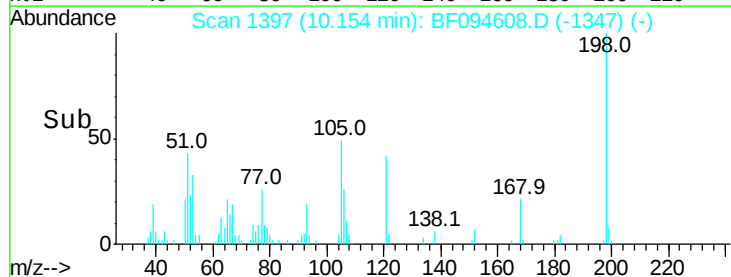
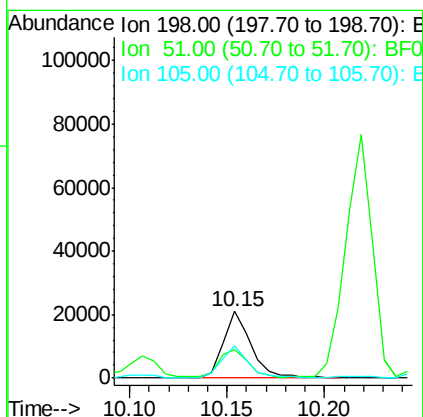
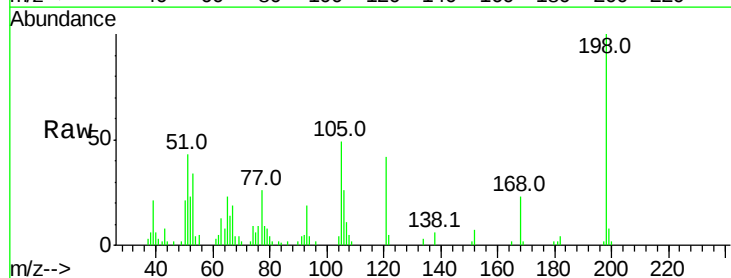
Instrument :
BNA_F
ClientSampleId :

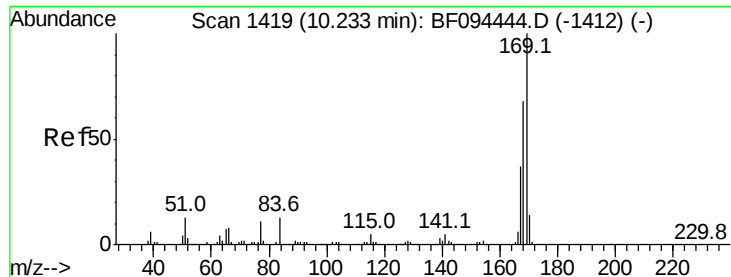
Tot Ion:188 Resp: 342915
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 10.4 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 9.03 ng
RT: 10.15 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion:198 Resp: 20288
Ion Ratio Lower Upper
198 100
51 42.9 53.2 93.2#
105 48.6 45.8 85.8

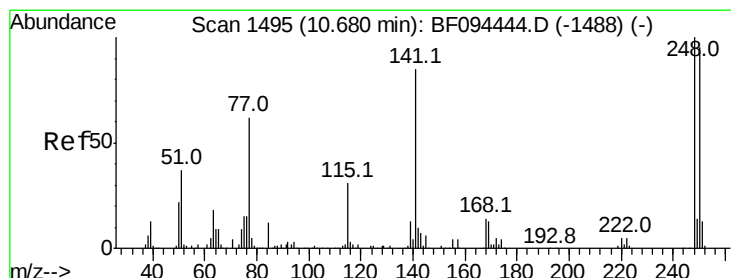
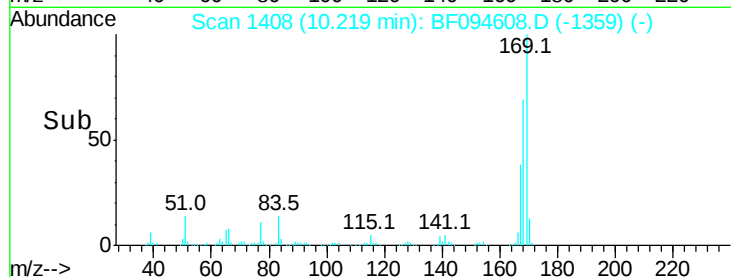
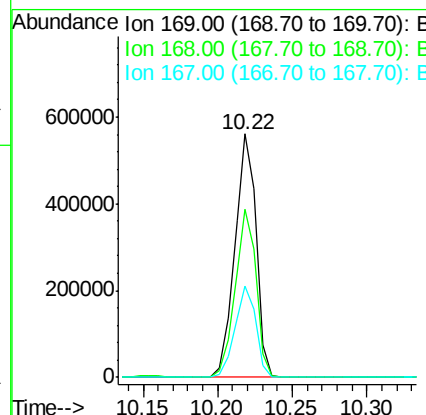
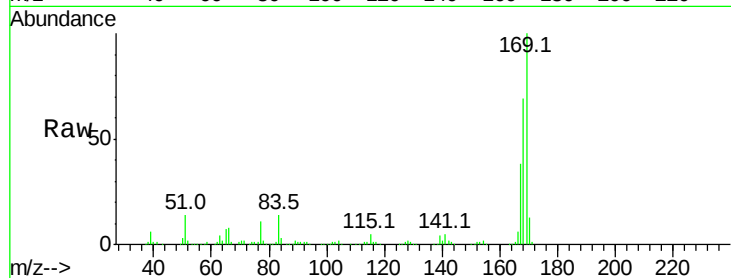




#65
 n-Nitrosodiphenylamine
 Concen: 47.36 ng
 RT: 10.22 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

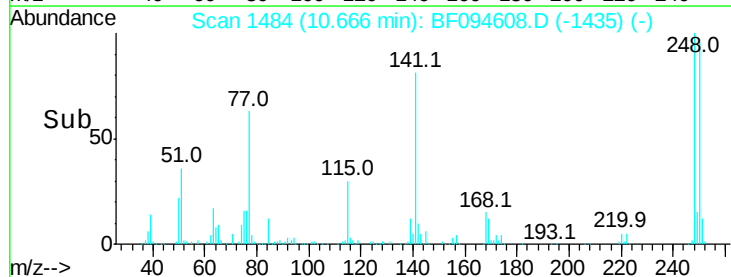
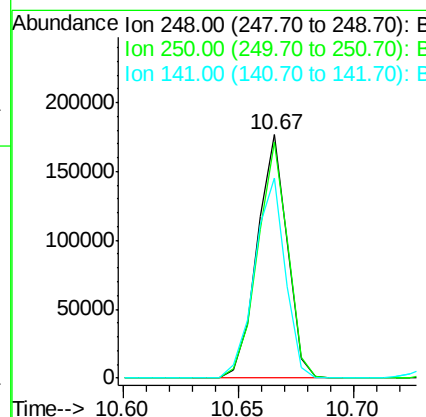
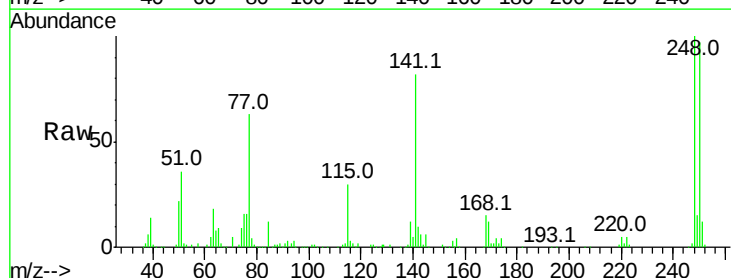
Instrument :
 BNA_F
 ClientSampleId :

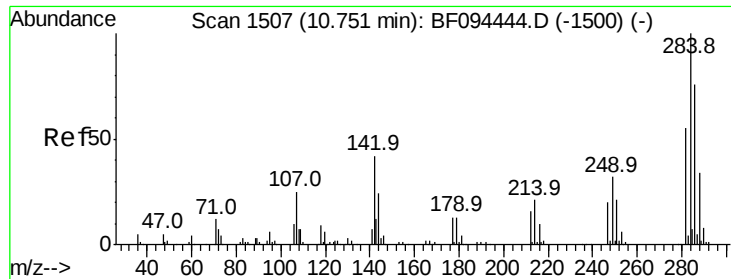
Tot Ion:169 Resp: 564761
 Ion Ratio Lower Upper
 169 100
 168 68.9 53.2 79.8
 167 37.7 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 47.08 ng
 RT: 10.67 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion:248 Resp: 160314
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.8 115.2
 141 82.4 68.6 103.0

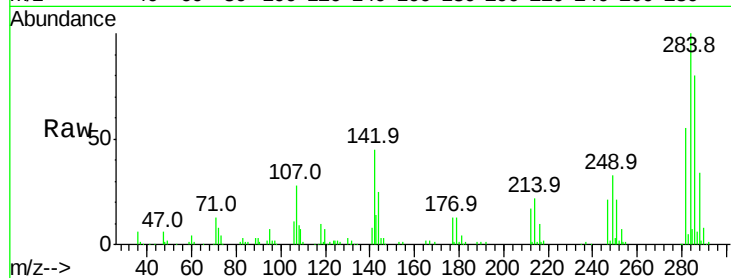




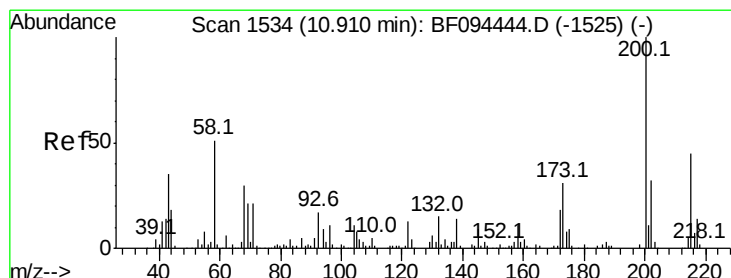
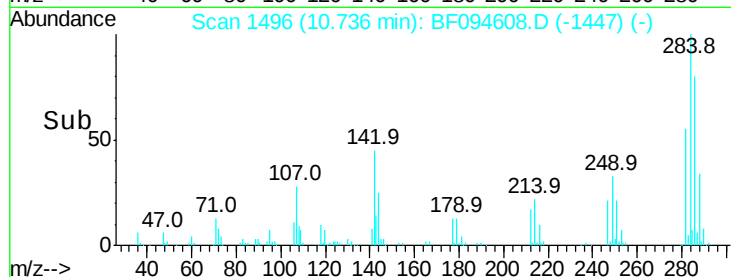
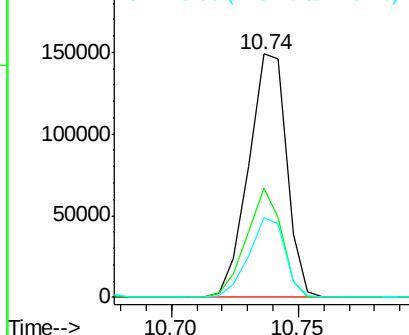
#67
Hexachlorobenzene
Concen: 45.54 ng
RT: 10.74 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 156262
Ion Ratio Lower Upper
284 100
142 44.8 22.8 34.2#
249 32.7 24.0 36.0

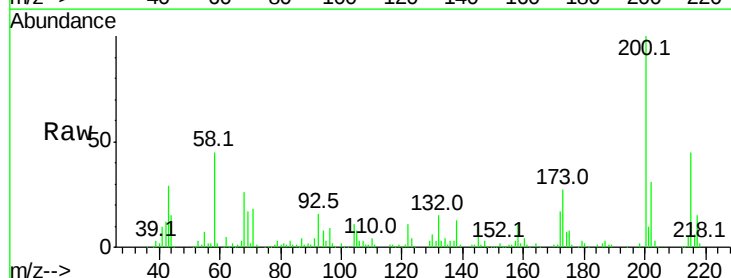


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

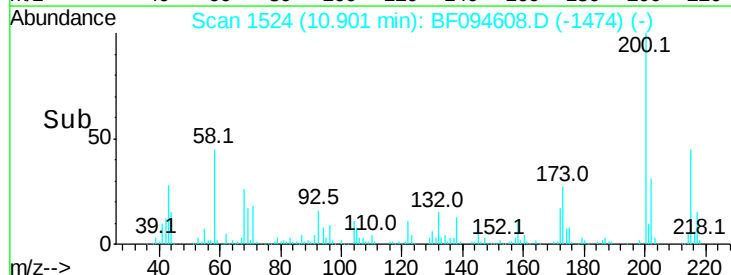
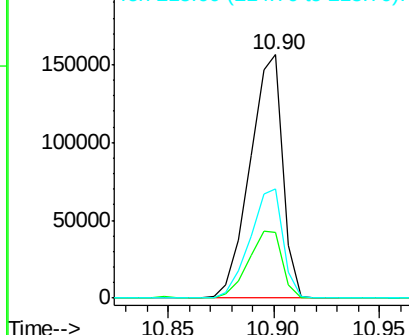


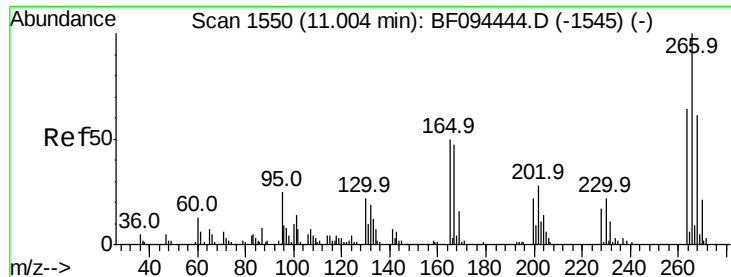
#68
Atrazine
Concen: 47.29 ng
RT: 10.90 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion:200 Resp: 168722
Ion Ratio Lower Upper
200 100
173 27.2 6.3 46.3
215 44.9 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

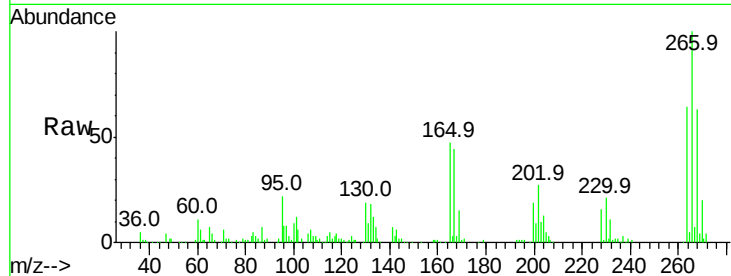




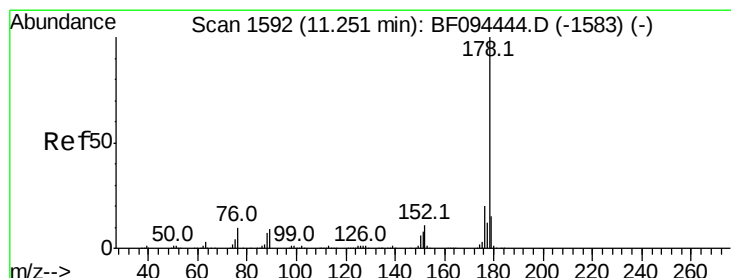
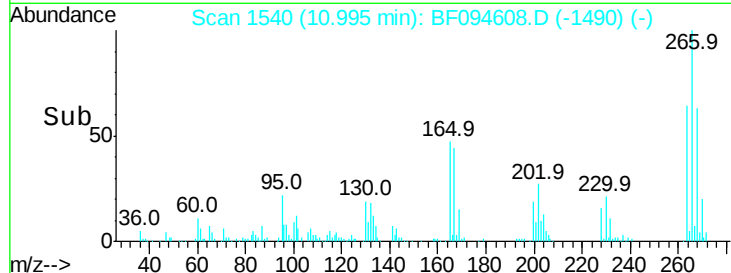
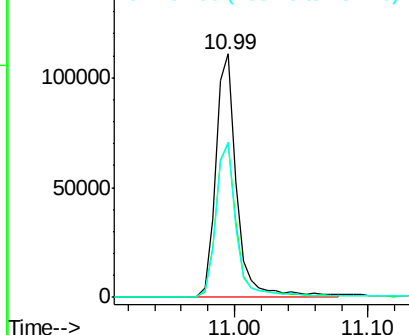
#69
 Pentachlorophenol
 Concen: 90.93 ng
 RT: 10.99 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	63.7	51.7	77.5

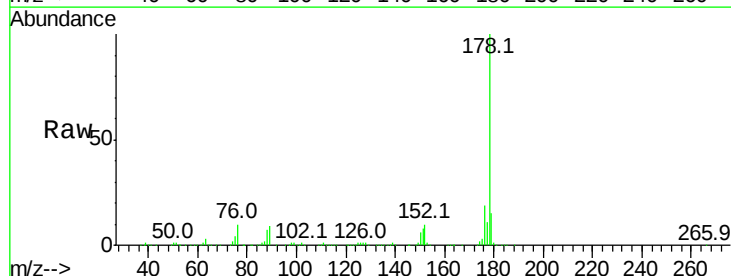


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

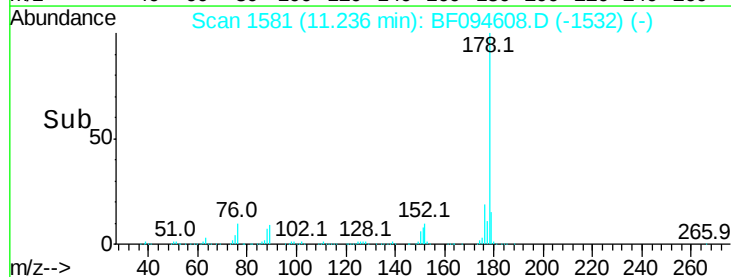
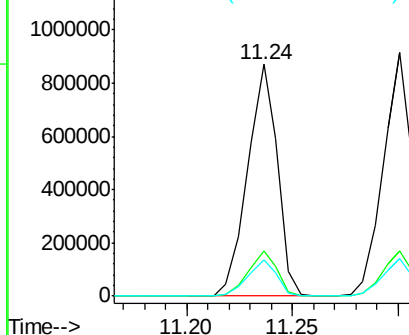


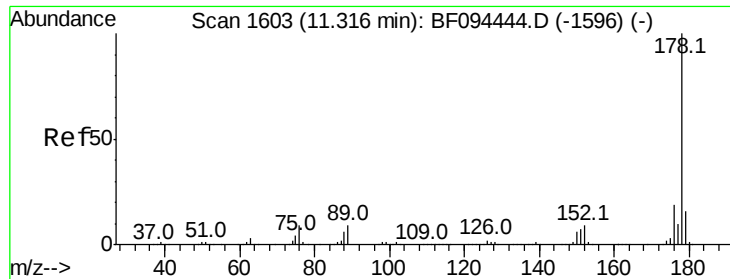
#70
 Phenanthrene
 Concen: 44.11 ng
 RT: 11.24 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.4	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

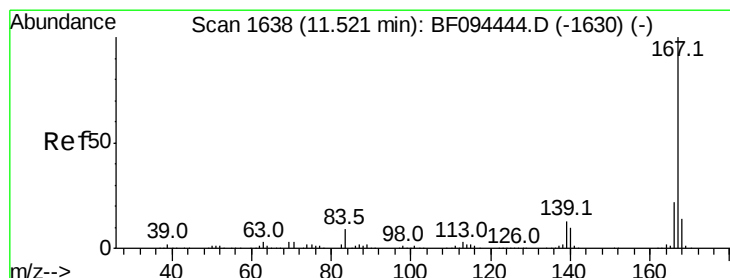
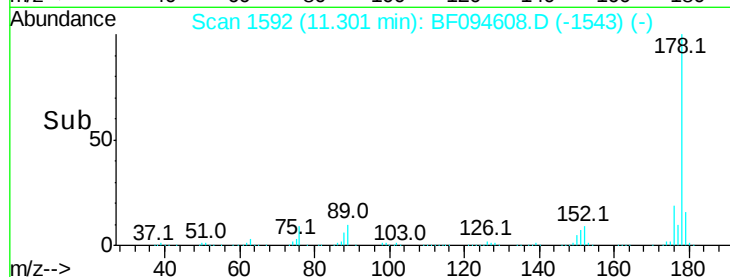
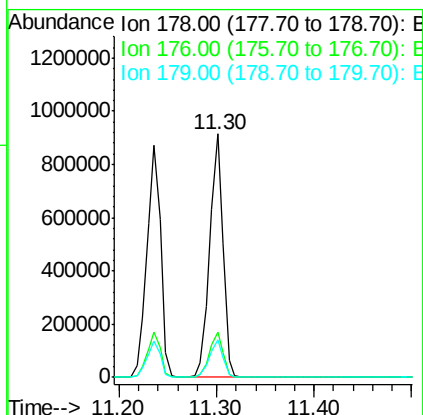
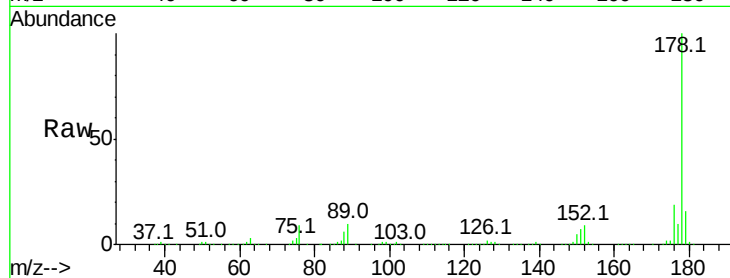




#71
 Anthracene
 Concen: 43.57 ng
 RT: 11.30 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

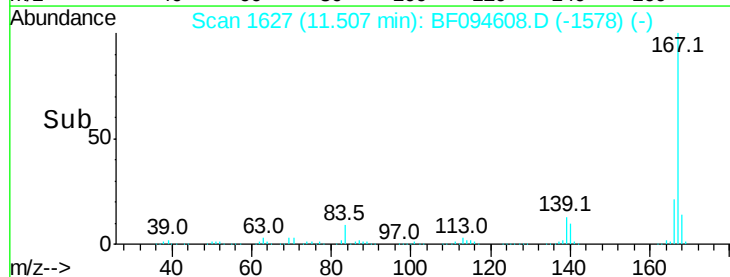
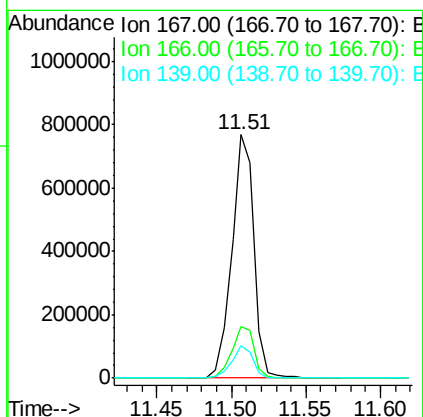
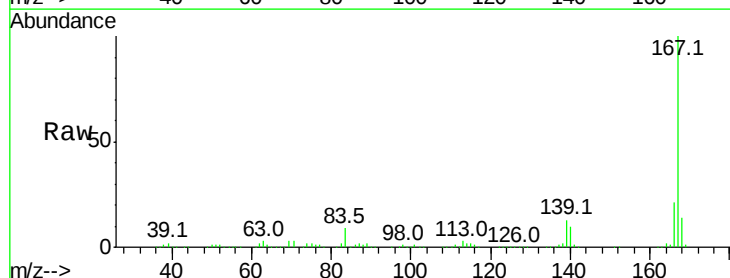
Instrument :
 BNA_F
 ClientSampleId :

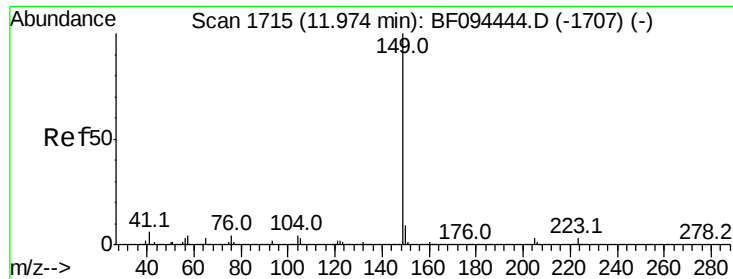
Tot Ion:178 Resp: 870377
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 42.70 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion:167 Resp: 800610
 Ion Ratio Lower Upper
 167 100
 166 21.3 18.1 27.1
 139 13.1 11.7 17.5

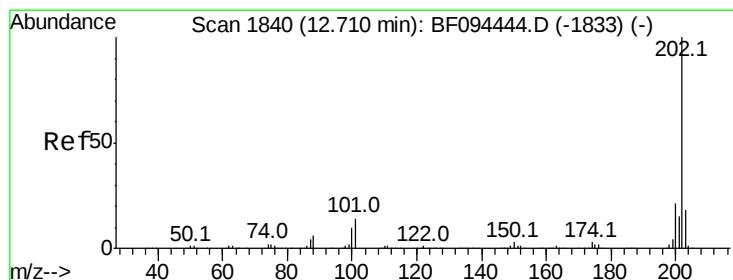
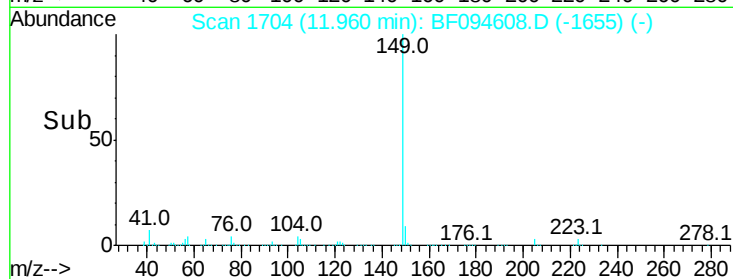
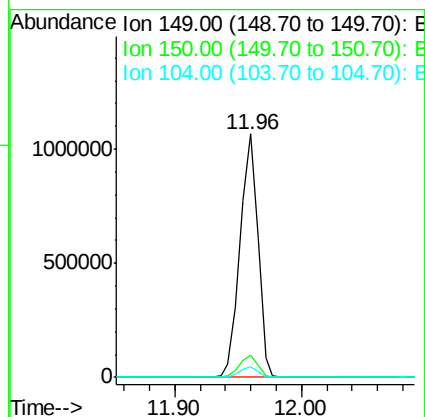
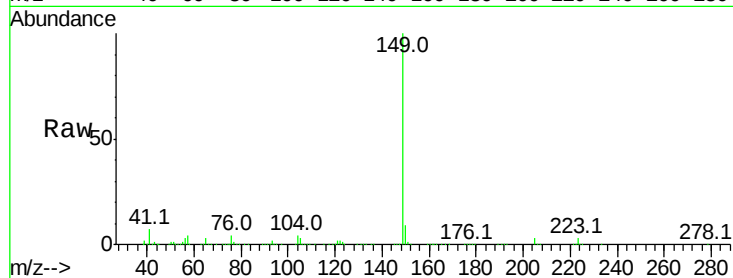




#73
Di-n-butylphthalate
Concen: 49.80 ng
RT: 11.96 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

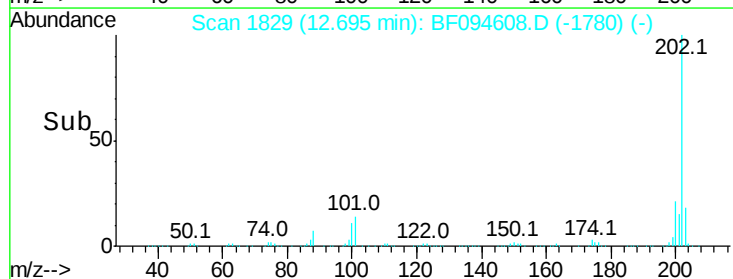
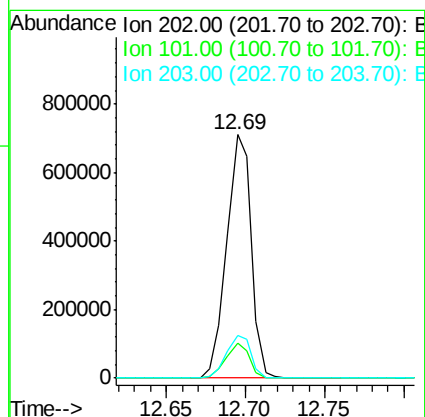
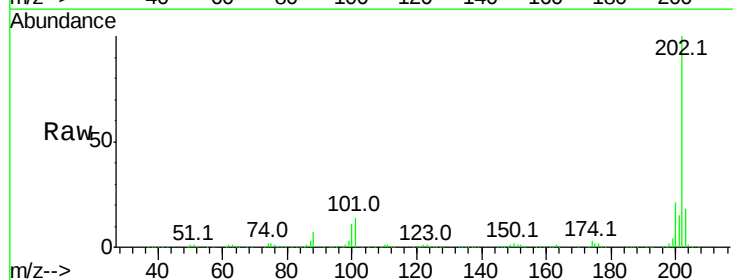
Instrument :
BNA_F
ClientSampleID :

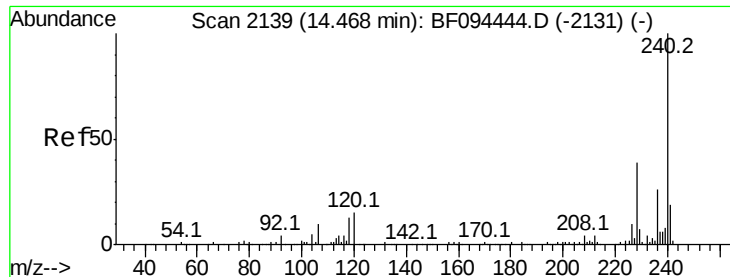
Tot Ion:149 Resp: 1027884
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.4 4.0 6.0



#74
Fluoranthene
Concen: 38.12 ng
RT: 12.69 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion:202 Resp: 762993
Ion Ratio Lower Upper
202 100
101 14.4 0.0 33.2
203 17.7 0.0 38.1

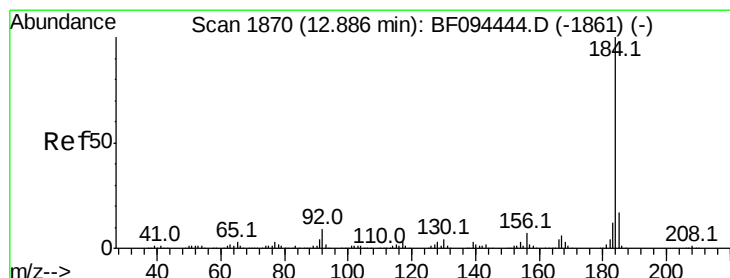
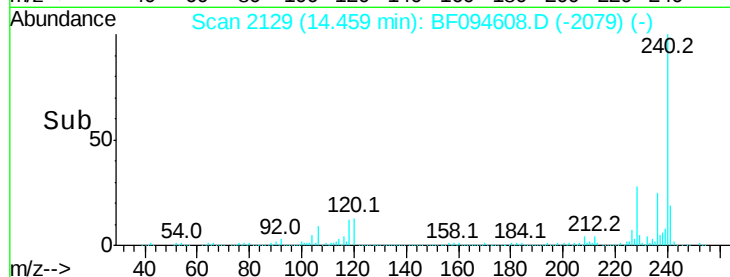
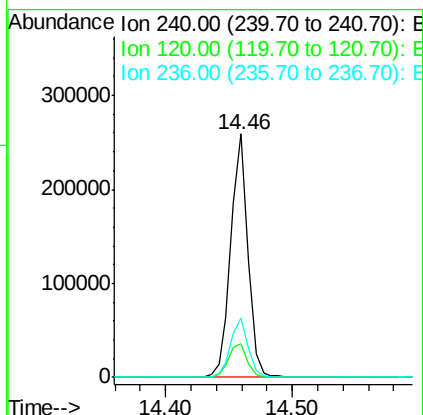
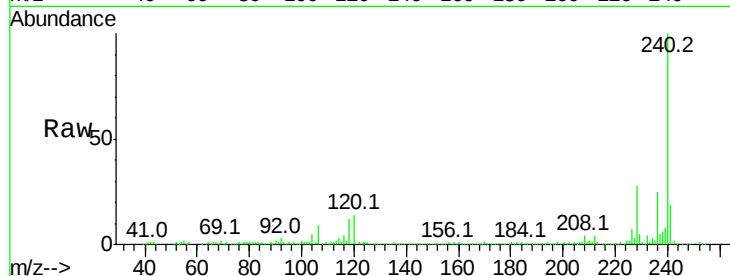




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

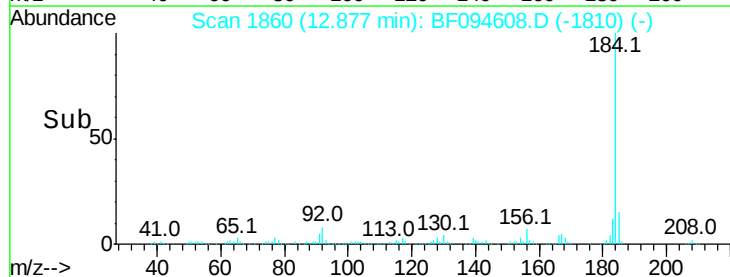
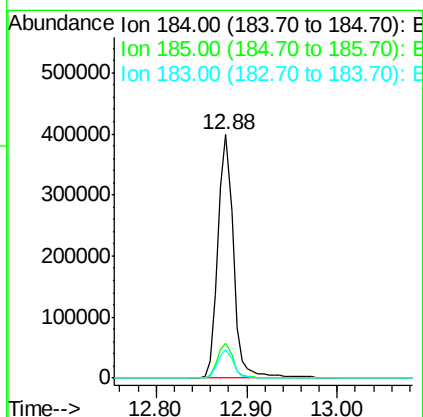
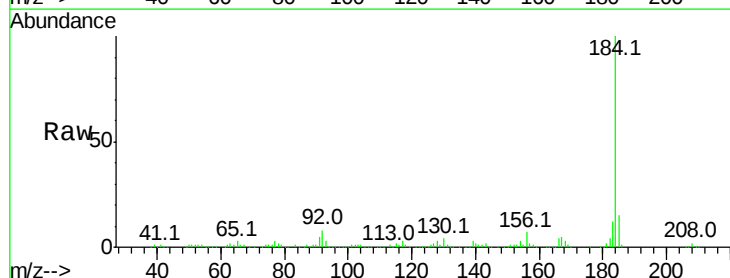
Instrument :
BNA_F
ClientSampleId :

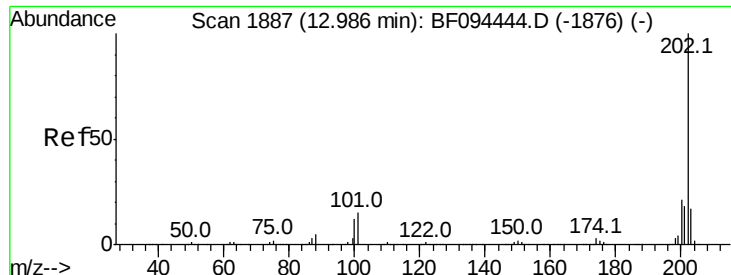
Tot Ion:240 Resp: 241236
Ion Ratio Lower Upper
240 100
120 13.6 5.8 8.8#
236 24.5 20.5 30.7



#76
Benzidine
Concen: 48.55 ng
RT: 12.88 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion:184 Resp: 474230
Ion Ratio Lower Upper
184 100
185 14.6 15.5 23.3#
183 11.9 9.8 14.6





#77

Pvrene

Concen: 44.90 ng

RT: 12.97 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

ClientSampleId :

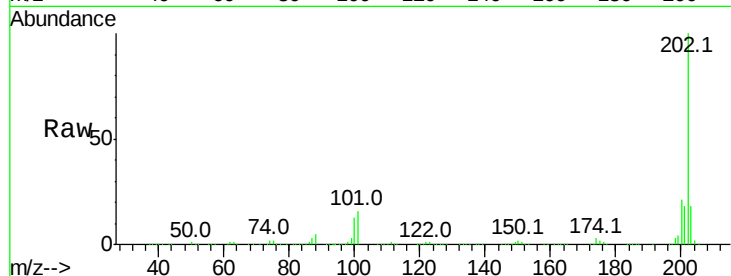
Tot Ion:202 Resp: 756681

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

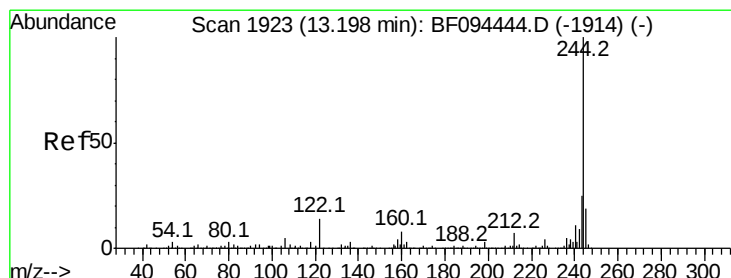
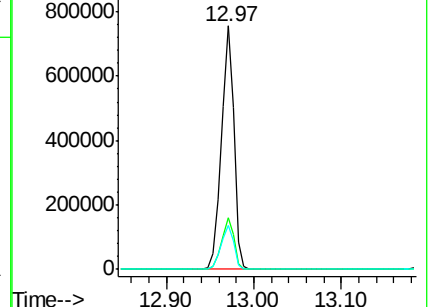
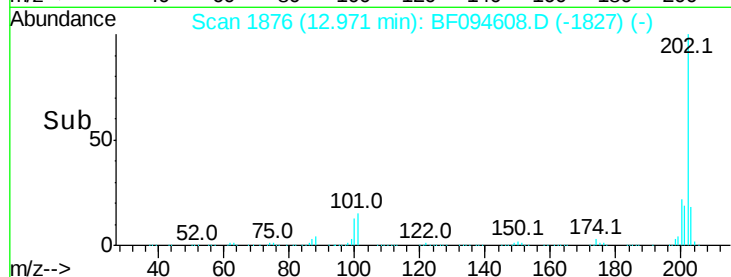
203 17.8 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 96.56 ng

RT: 13.18 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

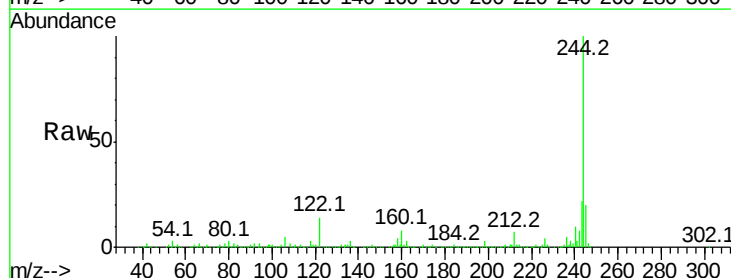
Tgt Ion:244 Resp: 871453

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

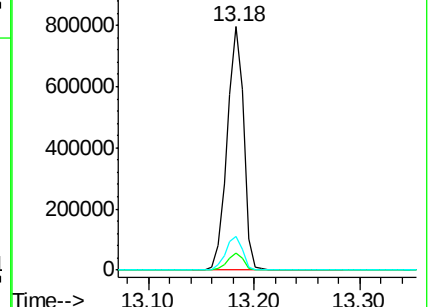
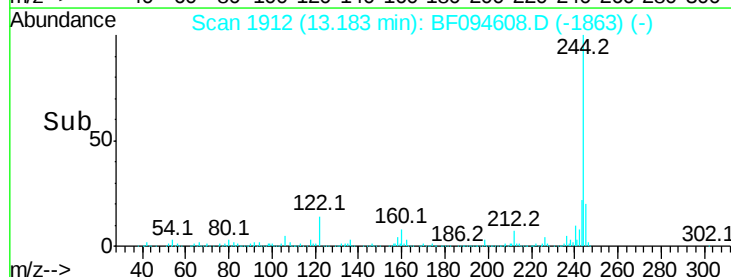
122 14.0 10.3 15.5

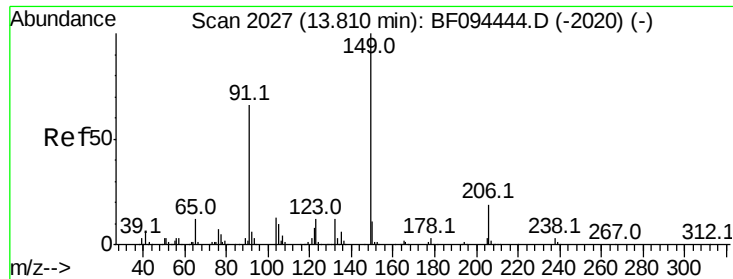


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

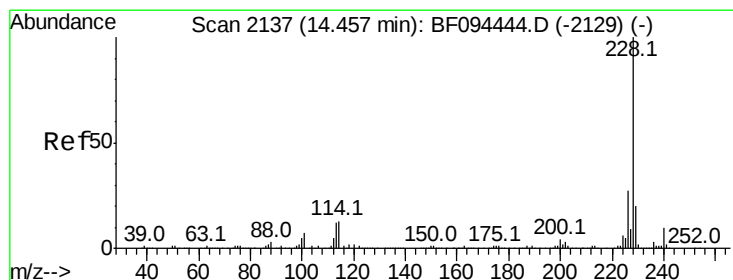
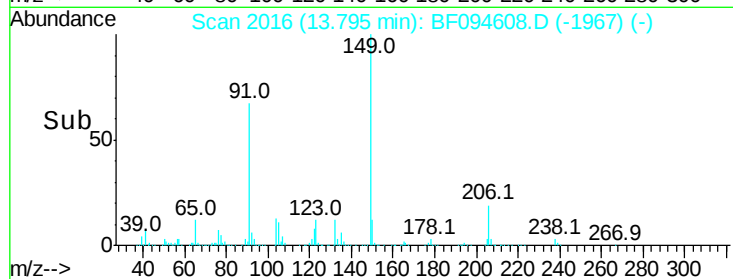
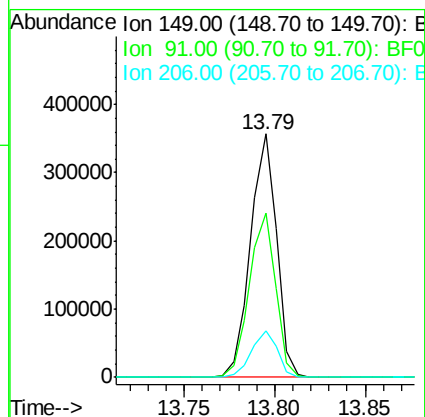
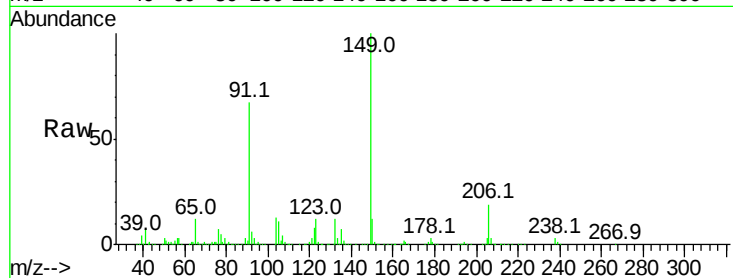




#79
Butylbenzylphthalate
Concen: 48.29 ng
RT: 13.79 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

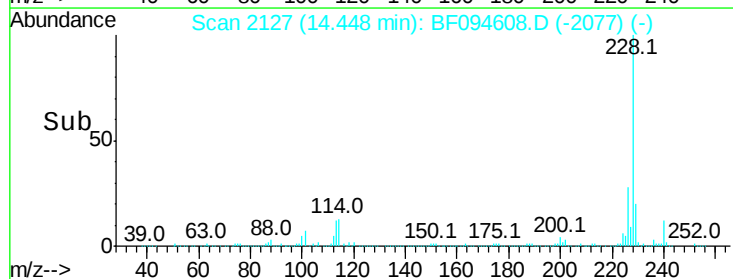
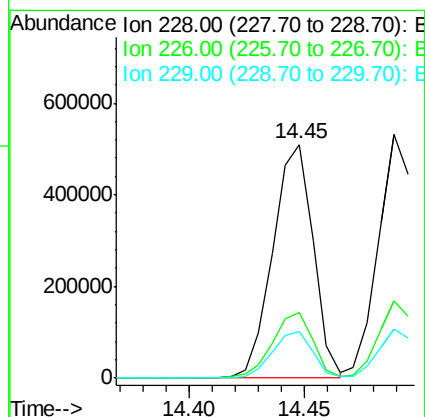
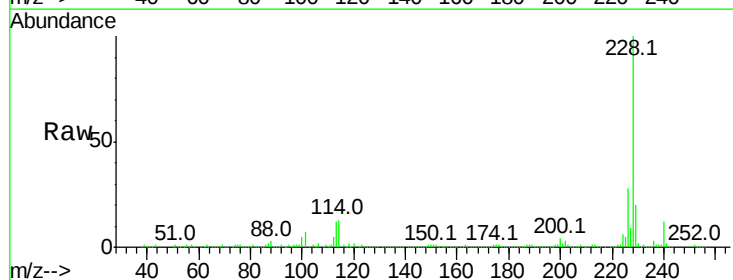
Instrument :
BNA_F
ClientSampleId :

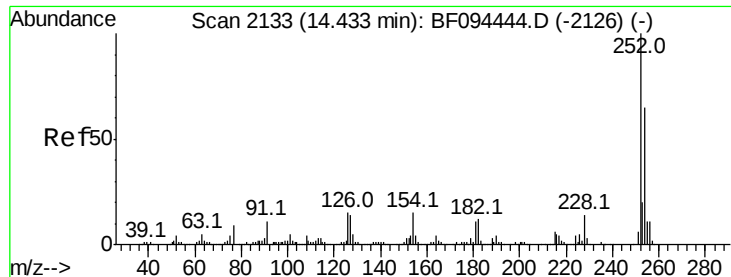
Tot Ion:149 Resp: 356708
Ion Ratio Lower Upper
149 100
91 67.5 45.0 67.4#
206 18.9 17.0 25.6



#80
Benzo(a)anthracene
Concen: 44.05 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion:228 Resp: 617719
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 20.0 16.3 24.5

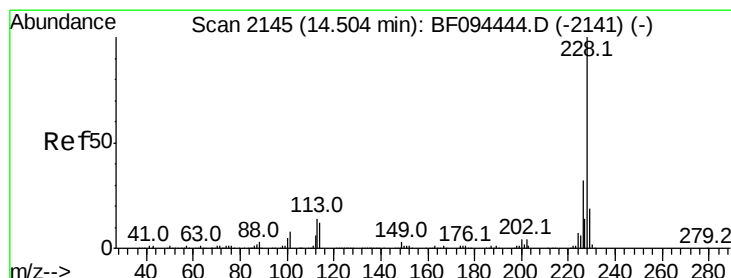
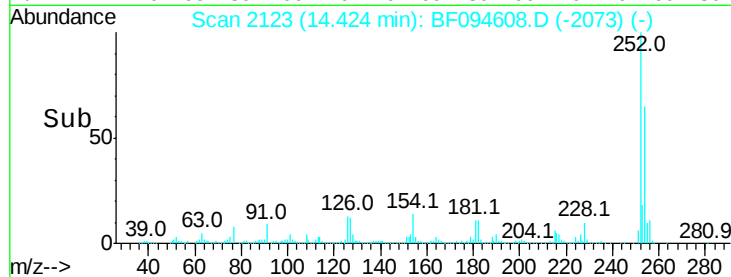
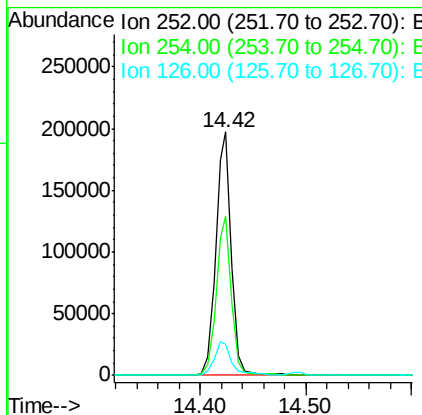
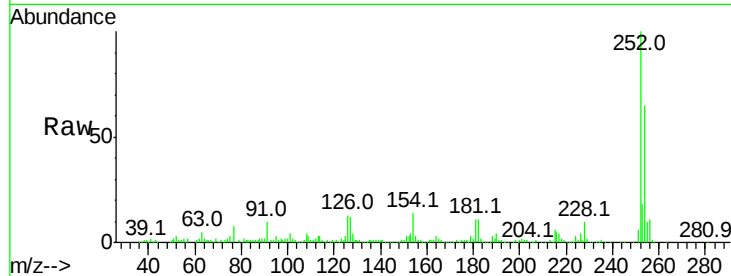




#81
 3,3'-Dichlorobenzidine
 Concen: 41.28 ng
 RT: 14.42 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

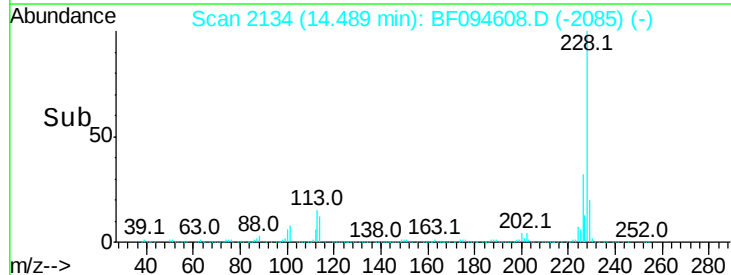
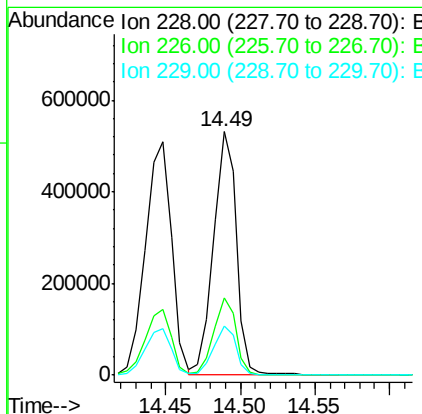
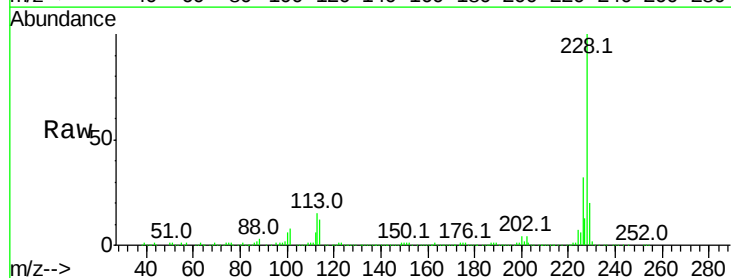
Instrument :
 BNA_F
 ClientSampled :

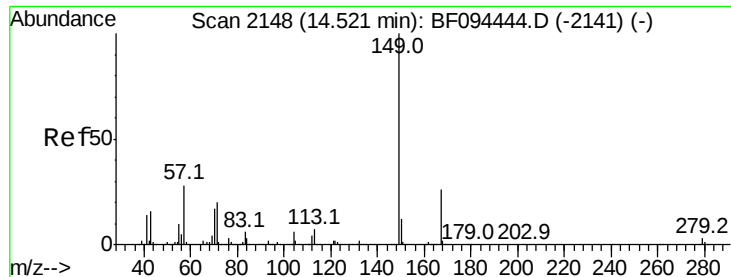
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.5	77.3
126	13.0	15.8	23.8#



#82
 Chrysene
 Concen: 44.34 ng
 RT: 14.49 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	19.9	15.8	23.6

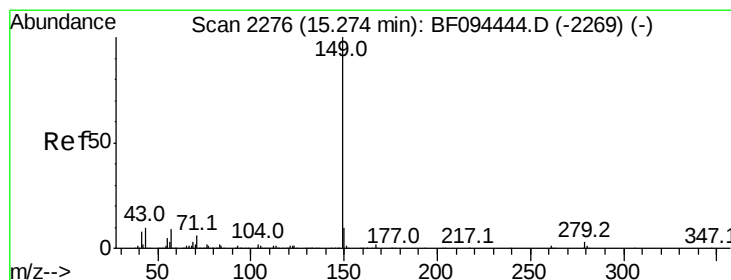
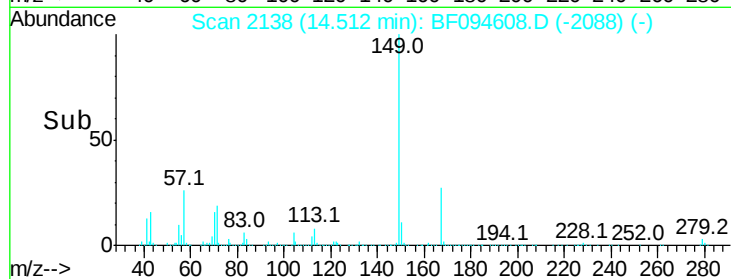
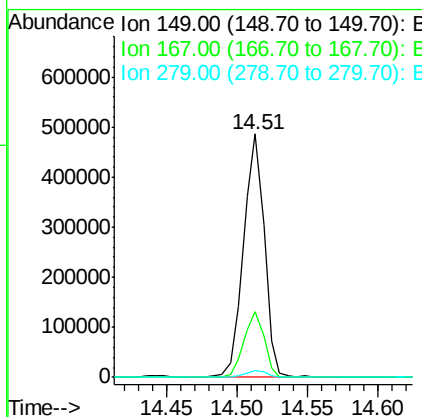
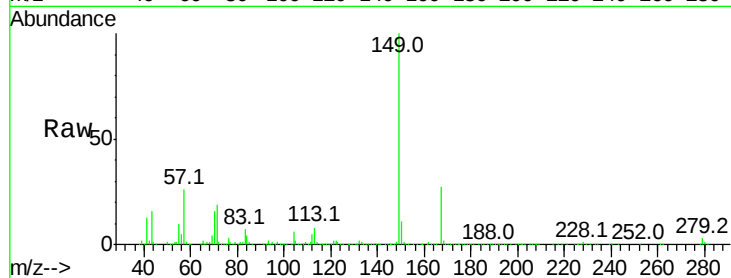




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.00 ng
 RT: 14.51 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

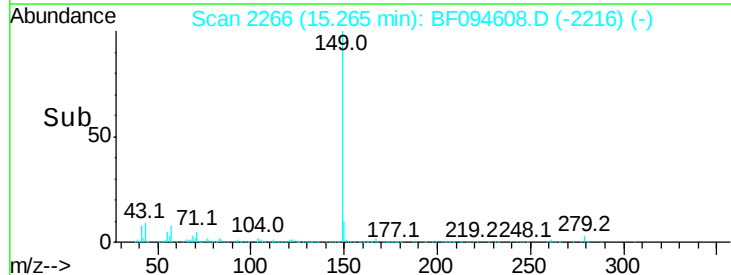
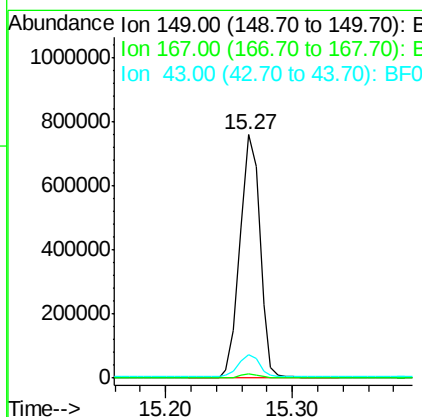
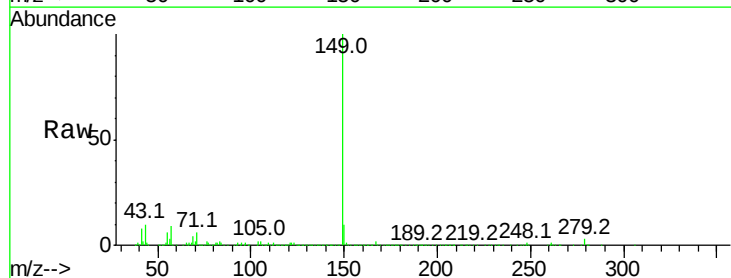
Instrument :
 BNA_F
 ClientSampleId :

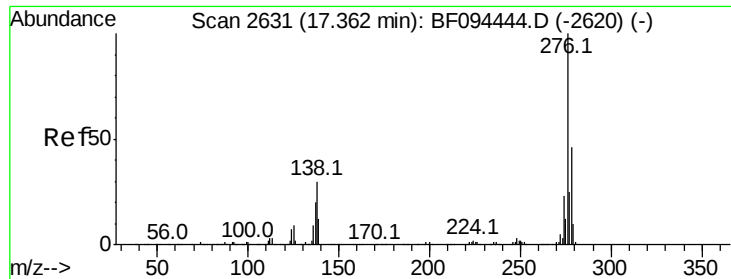
Tot Ion:149 Resp: 495828
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 49.82 ng
 RT: 15.27 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion:149 Resp: 828767
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.3 8.5 12.7

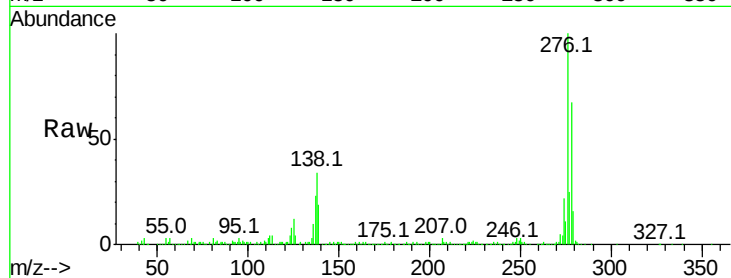




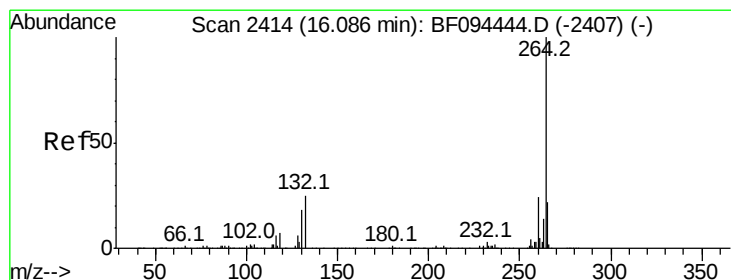
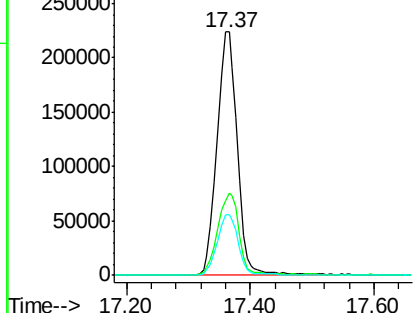
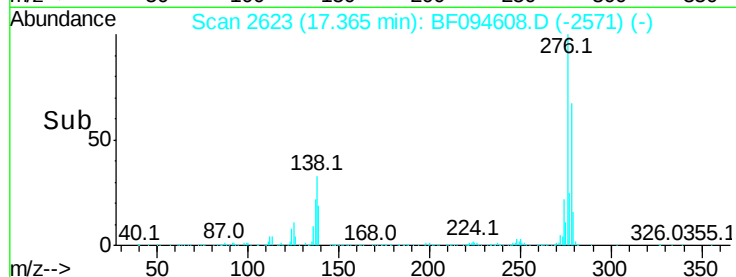
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.17 ng
 RT: 17.37 min Scan# 2623
 Delta R.T. 0.00 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 514119
 Ion Ratio Lower Upper
 276 100
 138 34.6 27.8 41.6
 277 26.1 20.2 30.4

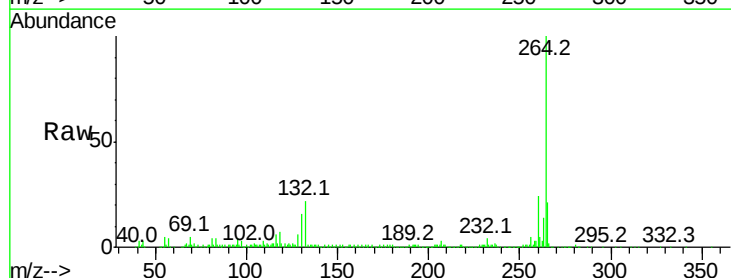


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

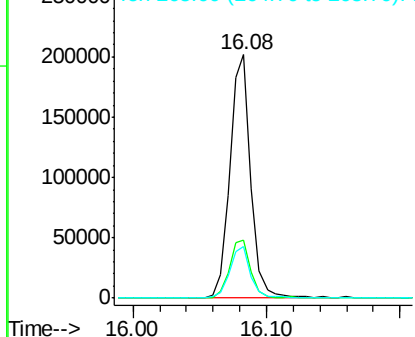
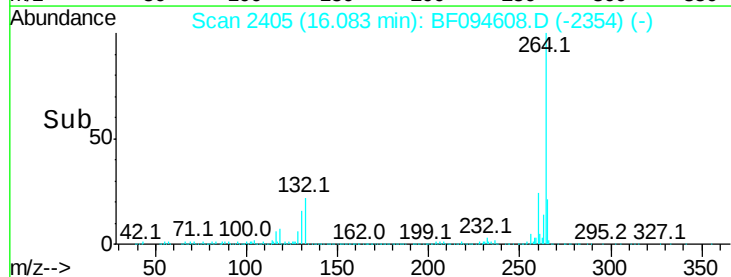


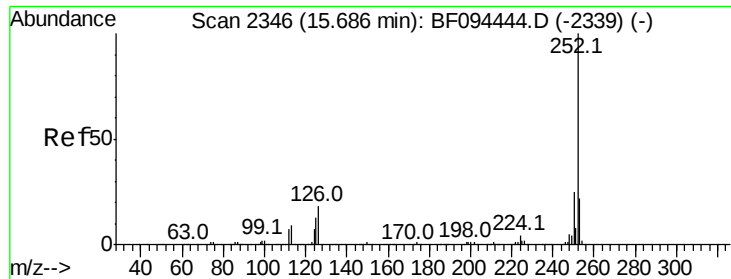
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion:264 Resp: 221252
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.1 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

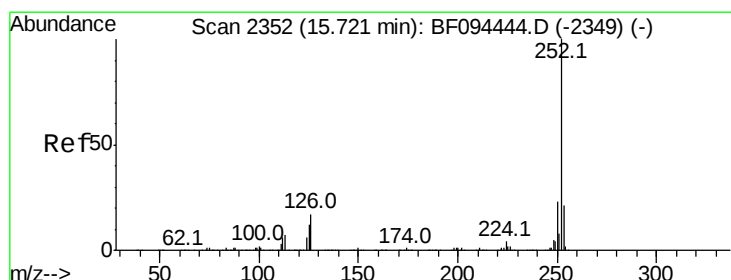
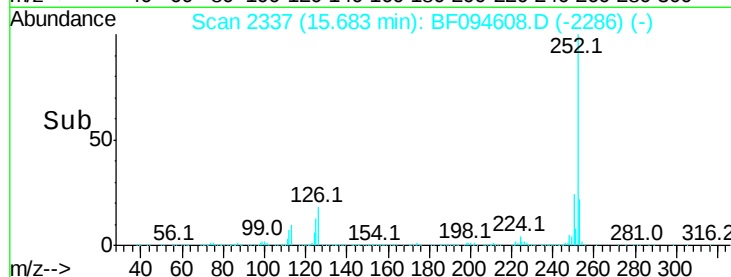
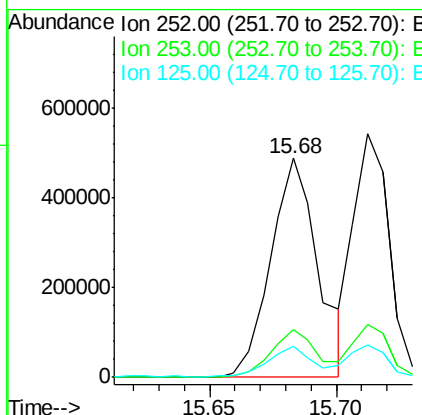
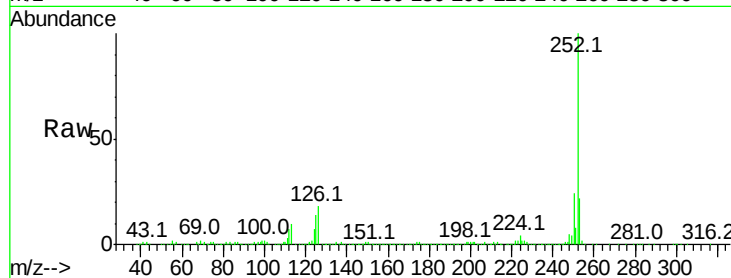




#87
Benzo(b)fluoranthene
Concen: 46.92 ng
RT: 15.68 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

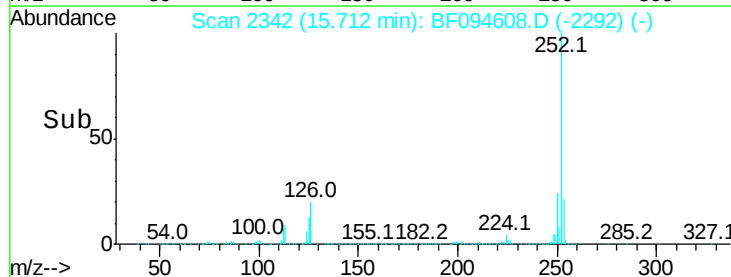
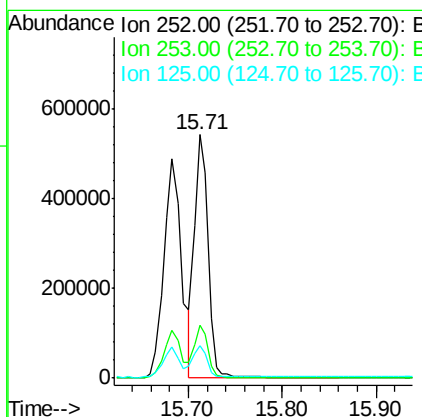
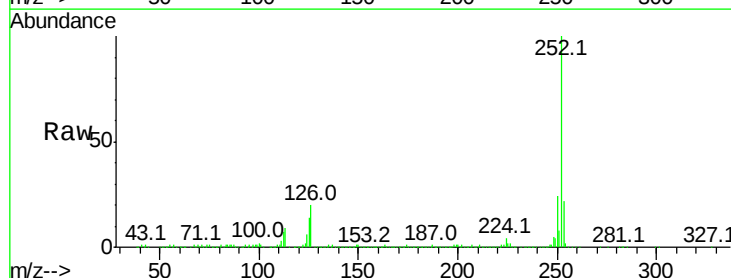
Instrument :
BNA_F
ClientSampleId :

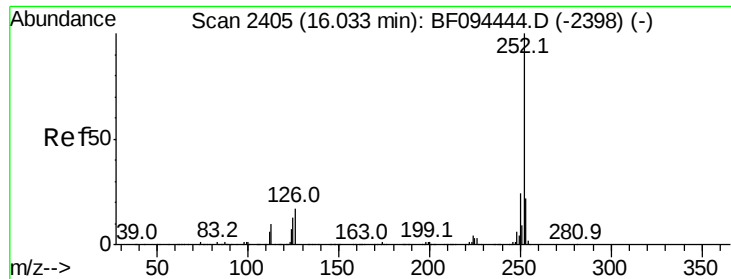
Tot Ion:252 Resp: 635004
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 14.0 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 42.47 ng
RT: 15.71 min Scan# 2342
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion:252 Resp: 543965
Ion Ratio Lower Upper
252 100
253 21.5 18.4 27.6
125 13.5 13.1 19.7





#89

Benzo(a)pyrene

Concen: 43.99 ng

RT: 16.03 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

ClientSampleId :

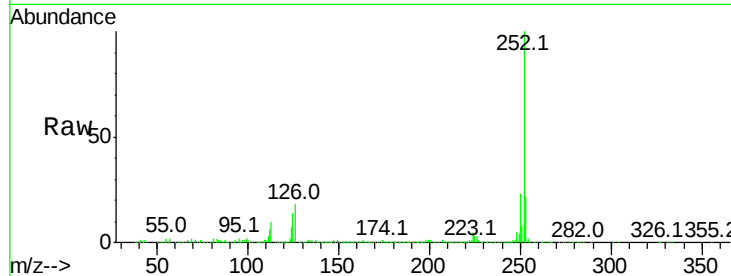
Tot Ion:252 Resp: 553931

Ion Ratio Lower Upper

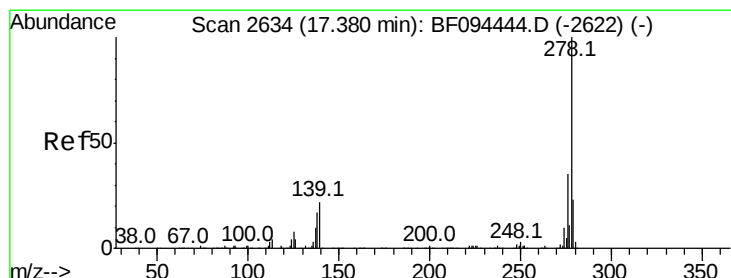
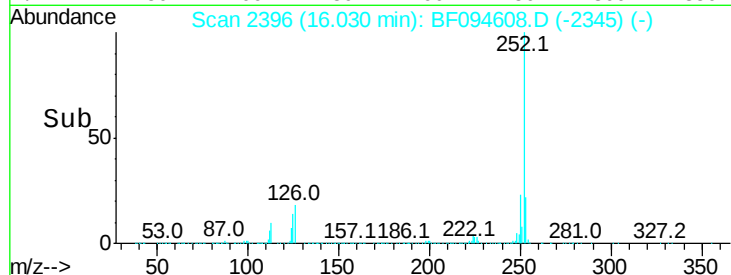
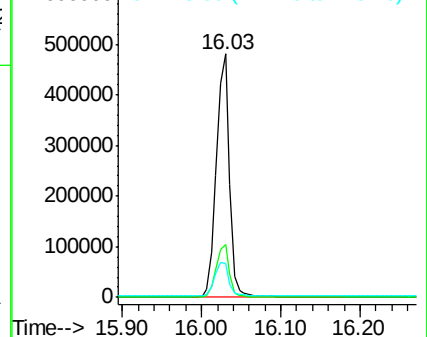
252 100

253 21.9 17.5 26.3

125 13.8 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: 41.03 ng

RT: 17.38 min Scan# 2625

Delta R.T. -0.00 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

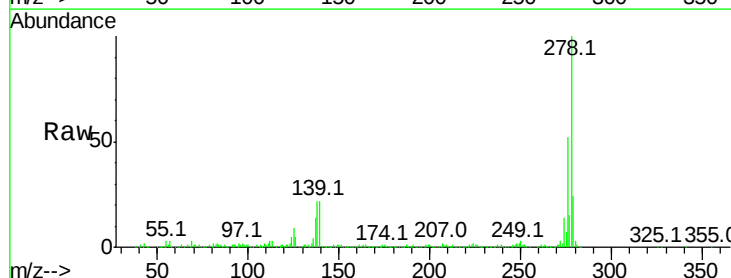
Tgt Ion:278 Resp: 428998

Ion Ratio Lower Upper

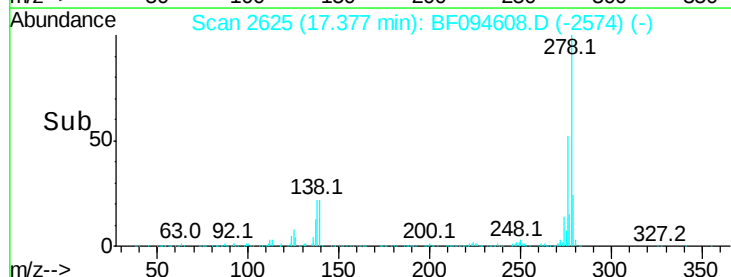
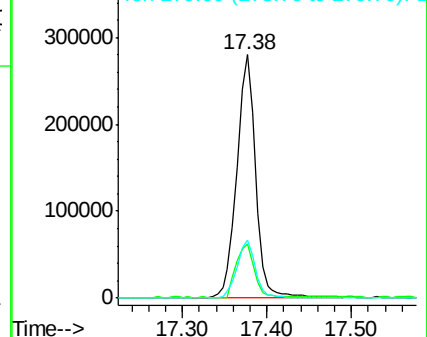
278 100

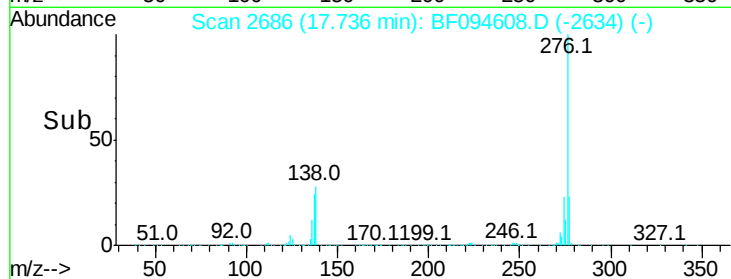
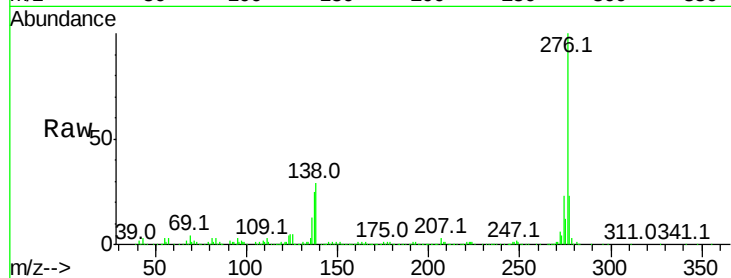
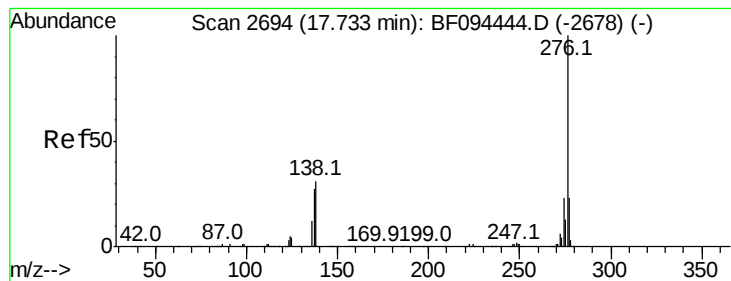
139 22.3 16.6 24.8

279 23.9 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: 38.83 ng

RT: 17.74 min Scan# 2686

Delta R.T. 0.00 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 413345

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 28.6 25.4 38.0

