

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
 Data File : BF094563.D
 Acq On : 21 Apr 2017 15:31
 Operator : SJ/MA
 Sample : PB98392BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 21 23:33:14 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	5.76	152	114990	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	468718	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	202391	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	382688	20.00	ng	-0.01
75) Chrysene-d12	14.46	240	331633	20.00	ng	0.00
86) Perylene-d12	16.08	264	254394	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	814582	117.53	ng	0.01
7) Phenol-d6	5.40	99	1023857	125.30	ng	0.00
23) Nitrobenzene-d5	6.41	82	639313	84.22	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	213192	134.67	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1119394	81.38	ng	0.00
78) Terphenyl-d14	13.19	244	1089229	87.79	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.14	88	116004	28.78	ng	97
3) Pyridine	2.66	79	318776	36.18	ng	96
4) n-Nitrosodimethylamine	2.60	42	134743	36.96	ng	84
6) Aniline	5.40	93	305502	28.13	ng	# 81
8) 2-Chlorophenol	5.54	128	321310	40.74	ng	95
9) Benzaldehyde	5.26	77	124225	19.99	ng	98
10) Phenol	5.41	94	391257	38.98	ng	95
11) bis(2-Chloroethyl)ether	5.48	93	300117	40.93	ng	97
12) 1,3-Dichlorobenzene	5.70	146	350710	40.14	ng	99
13) 1,4-Dichlorobenzene	5.78	146	353221	40.18	ng	99
14) 1,2-Dichlorobenzene	5.95	146	326286	40.29	ng	96
15) Benzyl Alcohol	5.94	79	245701	40.54	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	401226	41.73	ng	80
17) 2-Methylphenol	6.08	107	259368	41.76	ng	95
18) Hexachloroethane	6.34	117	121424	40.29	ng	# 84
19) n-Nitroso-di-n-propylamine	6.25	70	228433	42.19	ng	94
20) 3+4-Methylphenols	6.27	107	353877	41.93	ng	# 62
22) Acetophenone	6.24	105	461860	40.53	ng	# 85
24) Nitrobenzene	6.44	77	322676	40.37	ng	94
25) Isophorone	6.72	82	585646	41.62	ng	# 94
26) 2-Nitrophenol	6.81	139	177043	41.23	ng	96
27) 2,4-Dimethylphenol	6.88	122	286363	41.05	ng	99
28) bis(2-Chloroethoxy)methane	6.98	93	367214	40.34	ng	100
29) 2,4-Dichlorophenol	7.11	162	276184	42.56	ng	98
30) 1,2,4-Trichlorobenzene	7.19	180	264682	39.45	ng	99
31) Naphthalene	7.28	128	907573	40.28	ng	99
32) Benzoic acid	7.07	122	178027	48.26	ng	99
33) 4-Chloroaniline	7.36	127	88255	9.42	ng	94
34) Hexachlorobutadiene	7.44	225	130304	38.96	ng	97
35) Caprolactam	7.82	113	53545	26.27	ng	87
36) 4-Chloro-3-methylphenol	7.99	107	284846	41.88	ng	91
37) 2-Methylnaphthalene	8.12	142	621052	40.29	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	221254	38.39	ng	99
40) Hexachlorocyclopentadiene	8.32	237	220398	94.53	ng	98

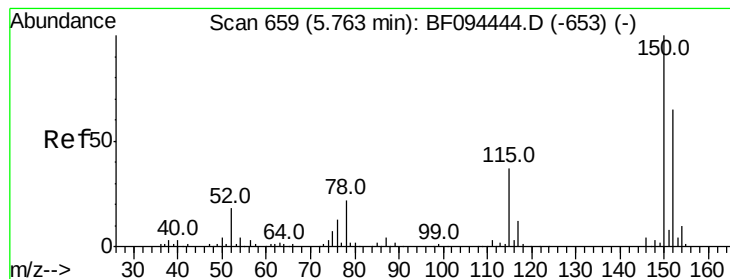
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
 Data File : BF094563.D
 Acq On : 21 Apr 2017 15:31
 Operator : SJ/MA
 Sample : PB98392BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	162659	40.19	nq	97
43) 2,4,5-Trichlorophenol	8.54	196	173326	41.70	nq	94
45) 1,1'-Biphenyl	8.70	154	673480	40.73	nq	98
46) 2-Chloronaphthalene	8.71	162	541819	41.21	nq	95
47) 2-Nitroaniline	8.85	65	155080	41.00	nq	86
48) Acenaphthylene	9.22	152	831632	40.57	nq	98
49) Dimethylphthalate	9.10	163	663533	43.99	nq	99
50) 2,6-Dinitrotoluene	9.16	165	145225	42.90	nq	99
51) Acenaphthene	9.43	154	500358	40.76	nq	99
52) 3-Nitroaniline	9.36	138	68428	17.47	nq	88
53) 2,4-Dinitrophenol	9.50	184	138733	75.84	nq	# 71
54) Dibenzofuran	9.64	168	753945	42.25	nq	99
55) 4-Nitrophenol	9.64	139	511166	184.72	nq	# 33
56) 2,4-Dinitrotoluene	9.65	165	191564	46.11	nq	# 85
57) Fluorene	10.07	166	590523	42.50	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	139437	46.81	nq	# 94
59) Diethylphthalate	9.96	149	636567	44.73	nq	98
60) 4-Chlorophenyl-phenylether	10.07	204	251897	43.56	nq	92
61) 4-Nitroaniline	10.12	138	154286	38.75	nq	98
62) Azobenzene	10.27	77	617816	44.71	nq	96
64) 4,6-Dinitro-2-methylphenol	10.16	198	103681	41.35	nq	# 66
65) n-Nitrosodiphenylamine	10.22	169	548898	41.24	nq	98
66) 4-Bromophenyl-phenylether	10.67	248	155751	40.99	nq	94
67) Hexachlorobenzene	10.74	284	155212	40.53	nq	# 87
68) Atrazine	10.90	200	173864	43.67	nq	95
69) Pentachlorophenol	10.99	266	159179	104.68	nq	99
70) Phenanthrene	11.24	178	887938	41.20	nq	98
71) Anthracene	11.31	178	935839	41.98	nq	98
72) Carbazole	11.51	167	880548	42.09	nq	97
73) Di-n-butylphthalate	11.97	149	1075797	46.70	nq	98
74) Fluoranthene	12.70	202	957408	42.87	nq	98
76) Benzidine	12.88	184	383498	28.56	nq	# 94
77) Pyrene	12.98	202	963061	41.57	nq	99
79) Butylbenzylphthalate	13.80	149	470559	46.34	nq	90
80) Benzo(a)anthracene	14.45	228	811777	42.11	nq	99
81) 3,3'-Dichlorobenzidine	14.42	252	155854	22.84	nq	# 96
82) Chrysene	14.49	228	725433	41.18	nq	99
83) Bis(2-ethylhexyl)phthalate	14.51	149	677753	49.71	nq	# 100
84) Di-n-octyl phthalate	15.27	149	1125685	49.22	nq	97
85) Indeno(1,2,3-cd)pyrene	17.35	276	673830	40.20	nq	99
87) Benzo(b)fluoranthene	15.68	252	665294	42.75	nq	98
88) Benzo(k)fluoranthene	15.71	252	653499	44.37	nq	96
89) Benzo(a)pyrene	16.02	252	623993	43.10	nq	98
90) Dibenzo(a,h)anthracene	17.37	278	554383	46.12	nq	96
91) Benzo(g,h,i)perylene	17.73	276	561853	45.91	nq	97

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

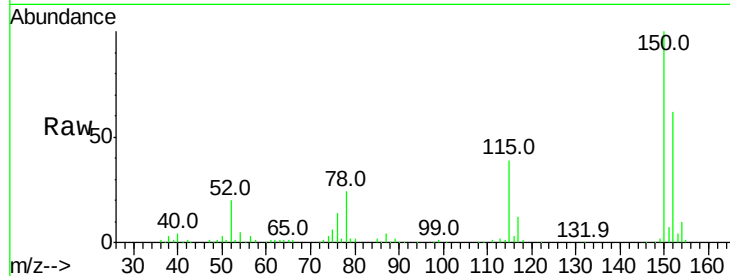


#1

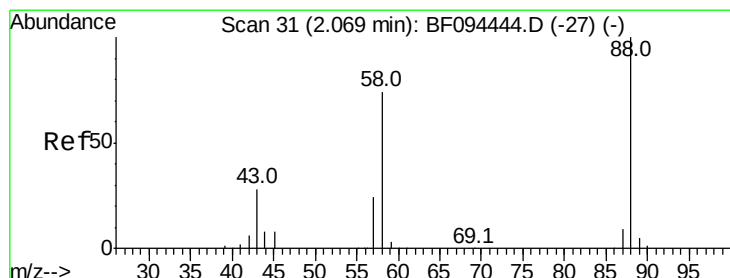
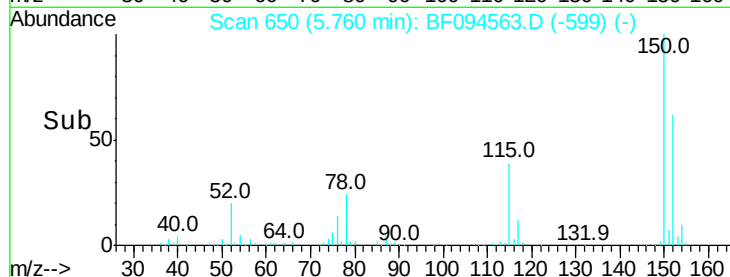
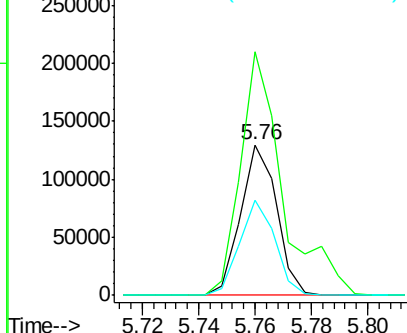
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 114990
Ion Ratio Lower Upper
152 100
150 161.6 126.2 189.2
115 62.7 52.2 78.2



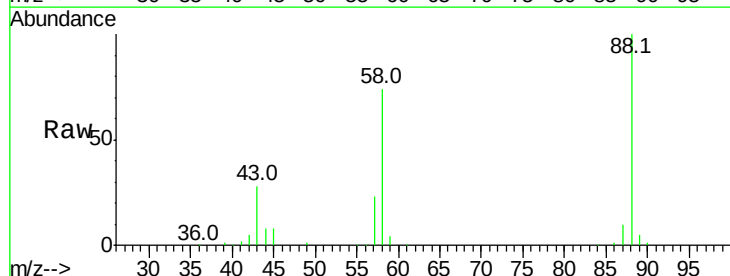
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



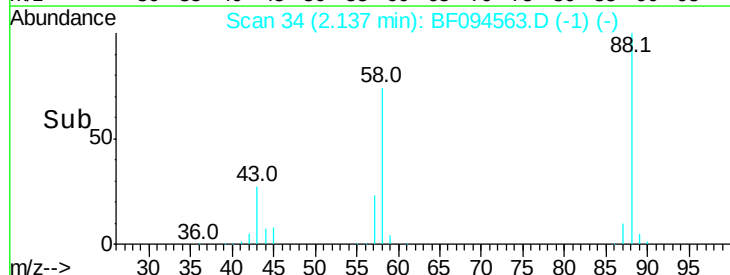
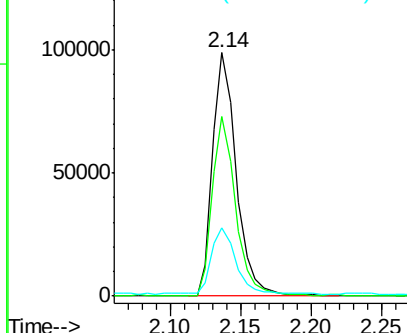
#2

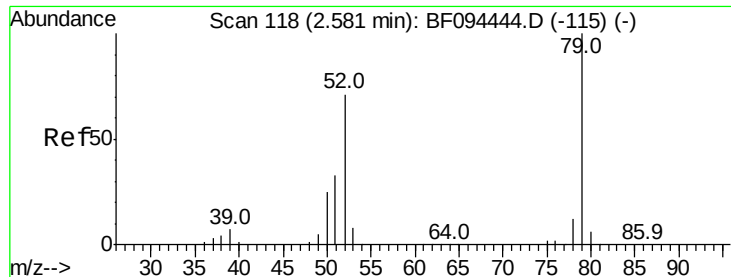
1,4-Dioxane
Concen: 28.78 ng
RT: 2.14 min Scan# 34
Delta R.T. 0.07 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion: 88 Resp: 116004
Ion Ratio Lower Upper
88 100
58 73.2 61.4 92.0
43 28.4 23.4 35.0



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





#3

Pvridine

Concen: 36.18 ng

RT: 2.66 min Scan# 123

Delta R.T. 0.08 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

ClientSampleId :

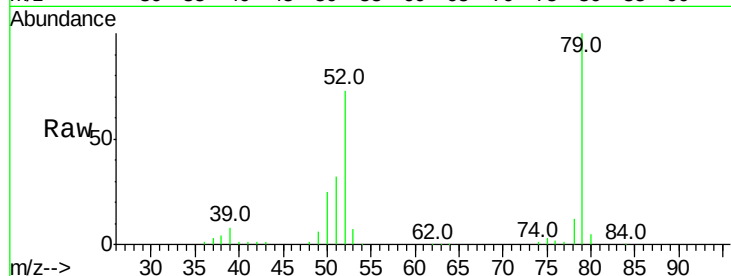
Tot Ion: 79 Resp: 318776

Ion Ratio Lower Upper

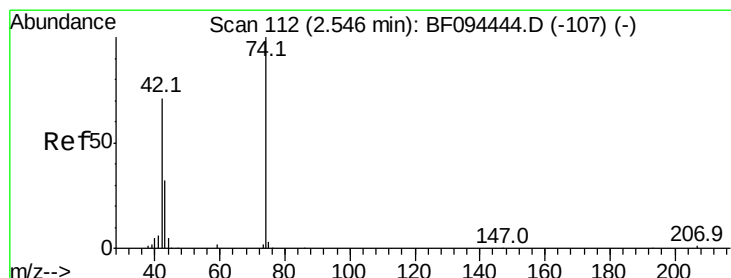
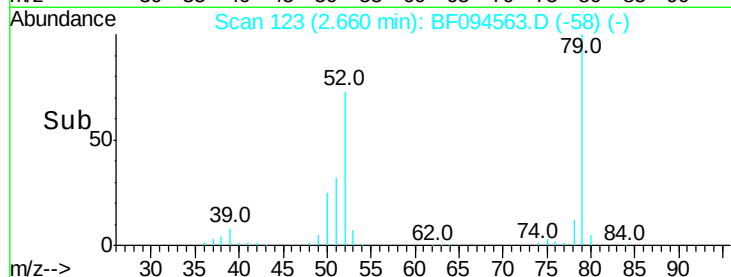
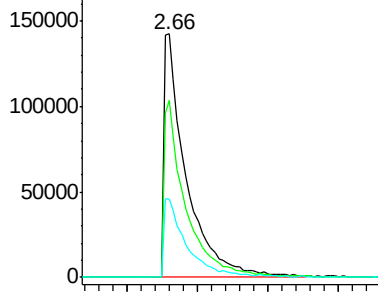
79 100

52 72.5 54.8 82.2

51 32.3 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: 36.96 ng

RT: 2.60 min Scan# 113

Delta R.T. 0.06 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

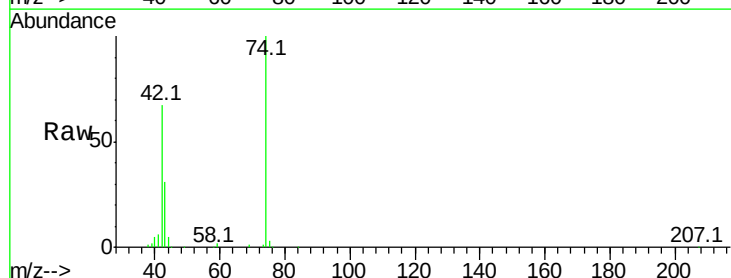
Tgt Ion: 42 Resp: 134743

Ion Ratio Lower Upper

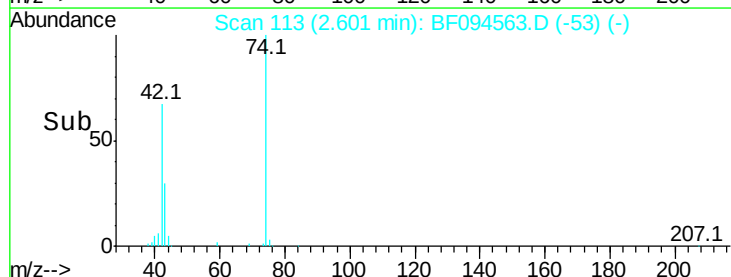
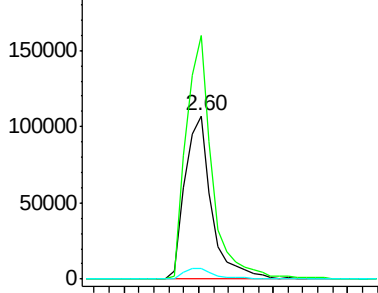
42 100

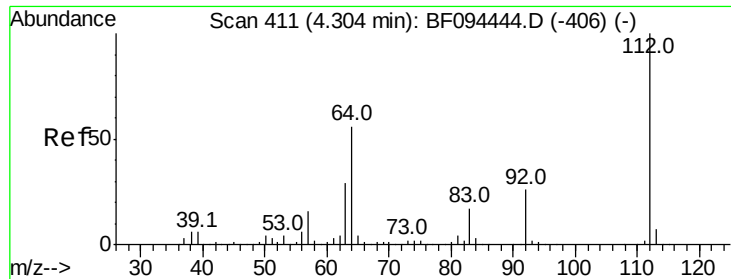
74 149.3 103.9 155.9

44 6.9 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: 117.53 ng

RT: 4.32 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

ClientSampled :

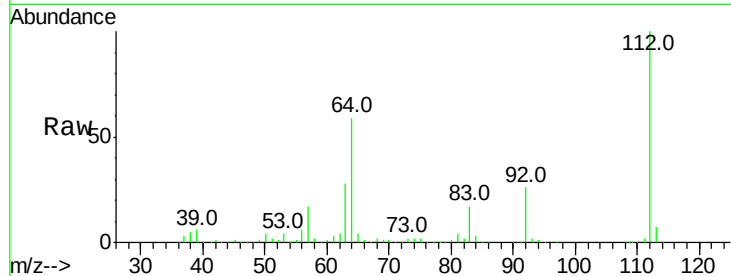
Tot Ion:112 Resp: 814582

Ion Ratio Lower Upper

112 100

64 58.5 46.0 69.0

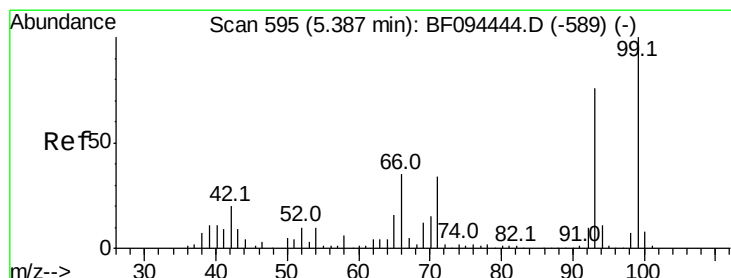
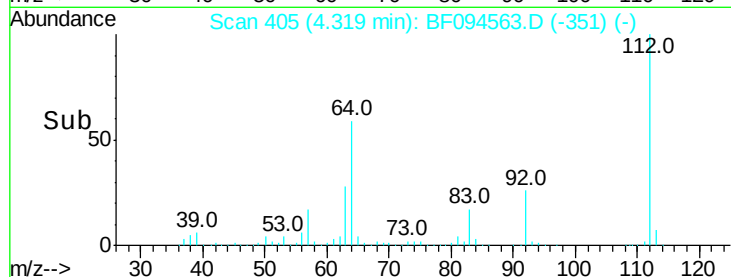
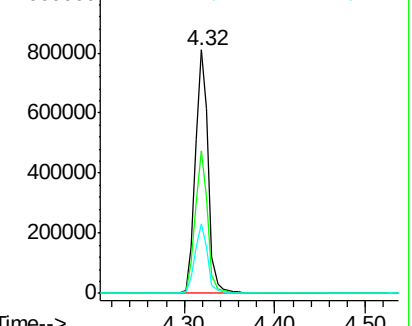
63 28.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.13 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

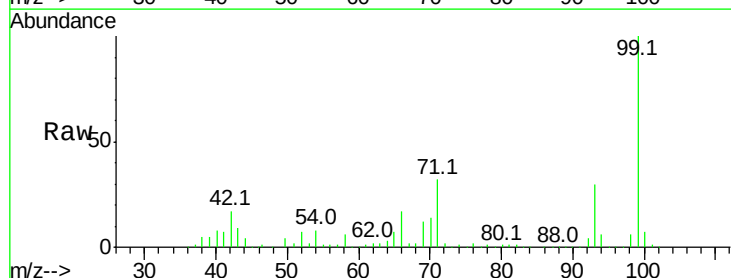
Tgt Ion: 93 Resp: 305502

Ion Ratio Lower Upper

93 100

66 55.9 32.9 49.3#

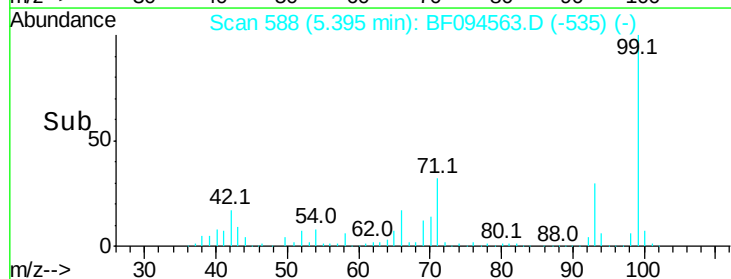
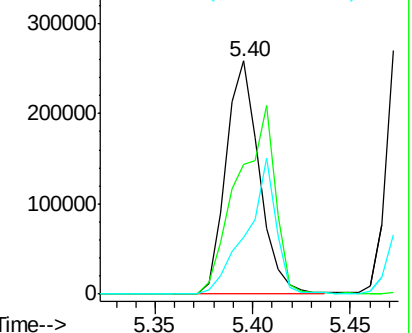
65 24.4 16.0 24.0#

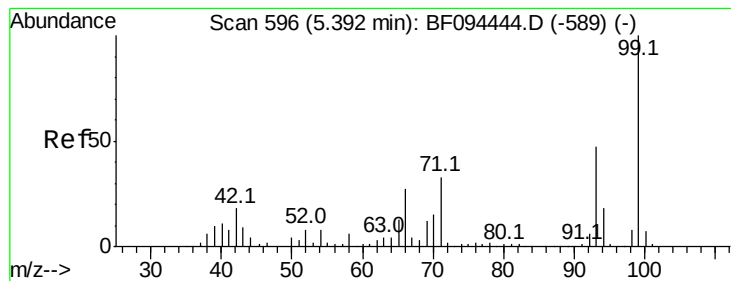


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.30 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

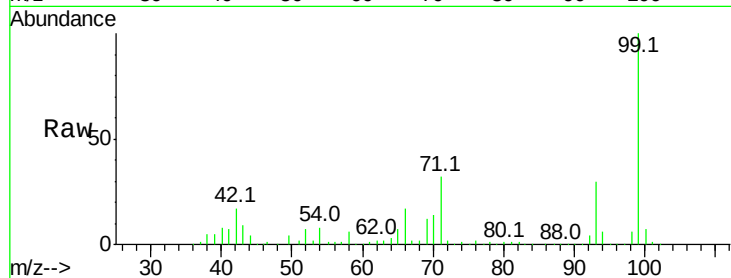
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1023857

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.5	20.3
71	32.2	24.5	36.7

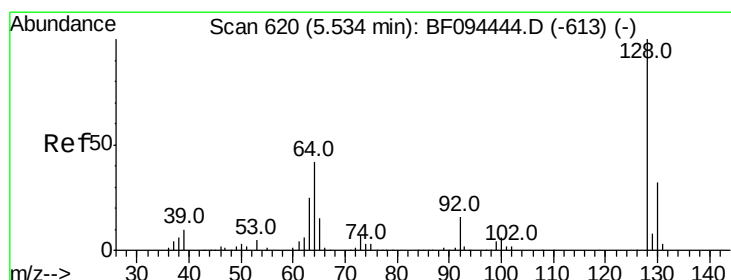
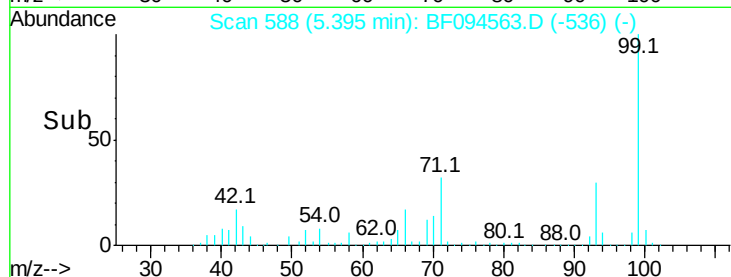


Abundance

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: 40.74 ng

RT: 5.54 min Scan# 612

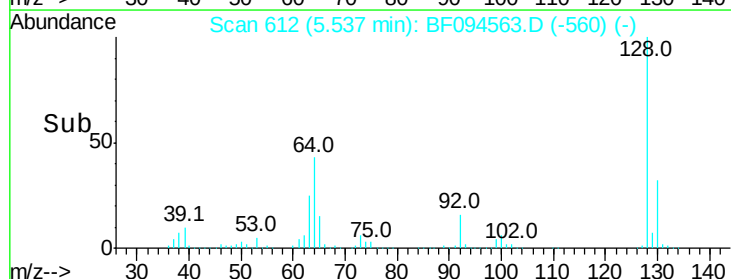
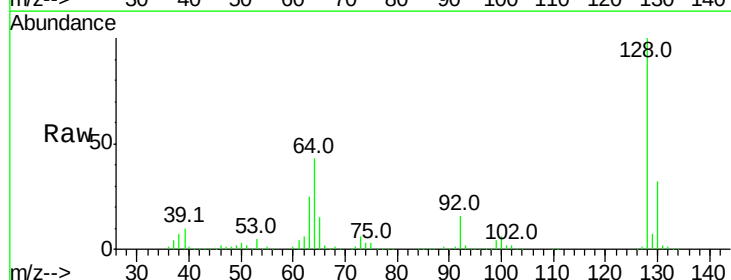
Delta R.T. 0.00 min

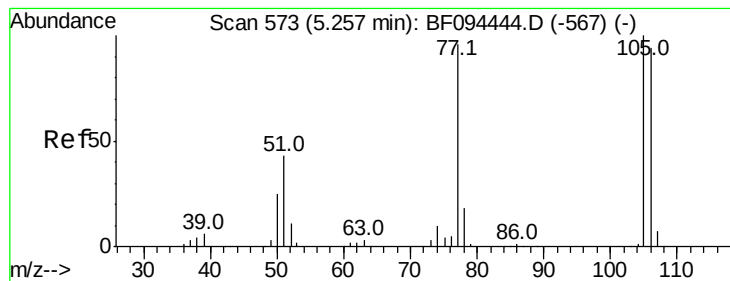
Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Tgt Ion:128 Resp: 321310

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.9	52.9
64	42.7	28.4	68.4





#9

Benzaldehyde

Concen: 19.99 ng

RT: 5.26 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

ClientSampleId :

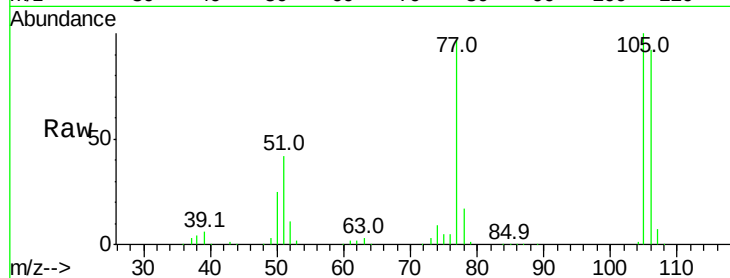
Tot Ion: 77 Resp: 124225

Ion Ratio Lower Upper

77 100

105 103.0 83.8 123.8

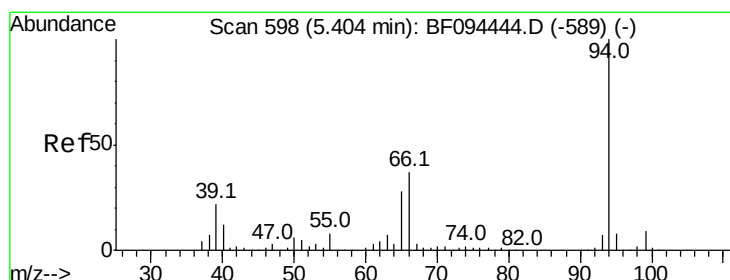
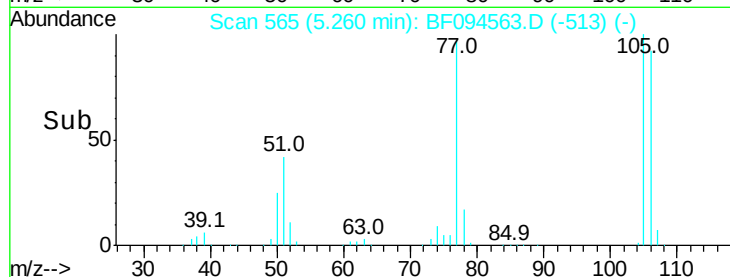
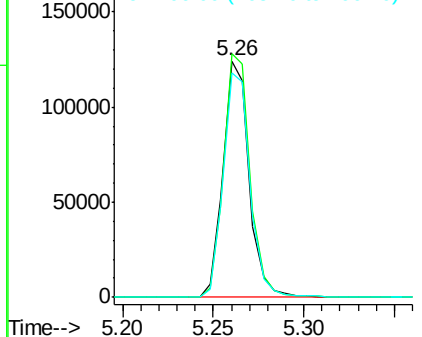
106 95.2 79.1 119.1



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: 38.98 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

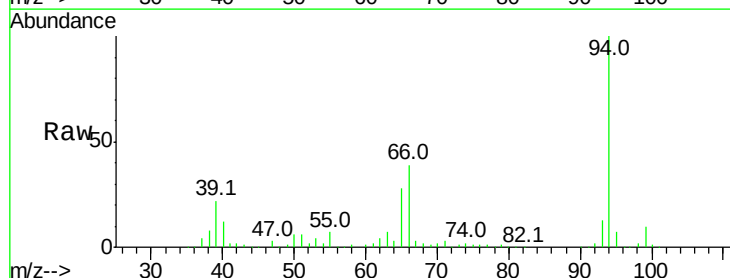
Tgt Ion: 94 Resp: 391257

Ion Ratio Lower Upper

94 100

65 28.1 9.9 49.9

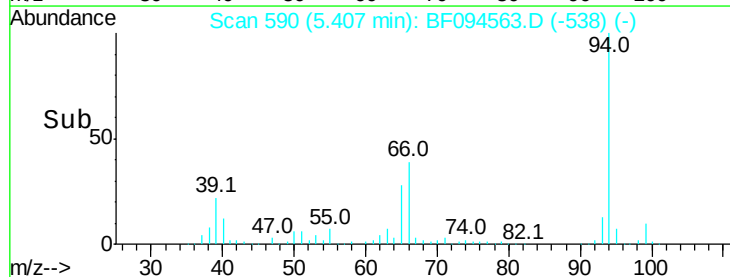
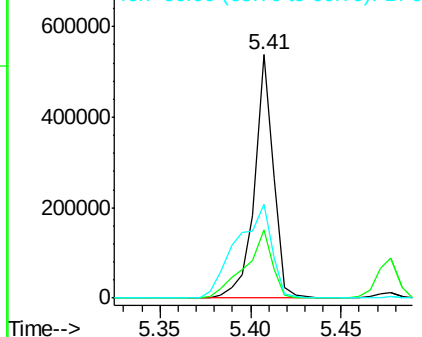
66 38.8 23.1 63.1

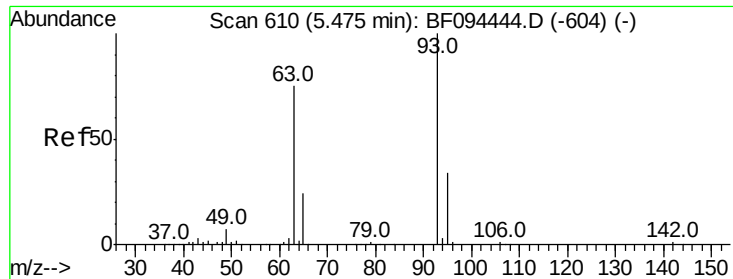


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.93 ng

RT: 5.48 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

ClientSampleId :

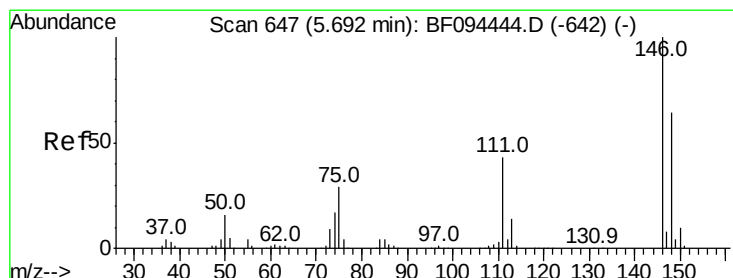
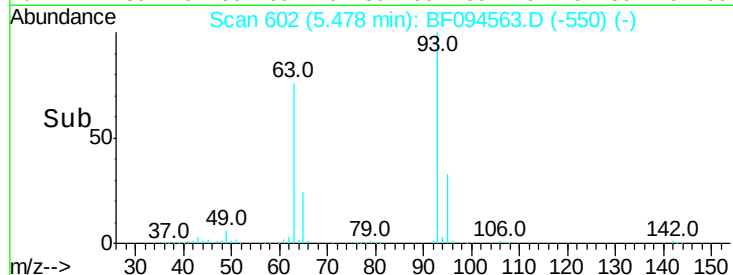
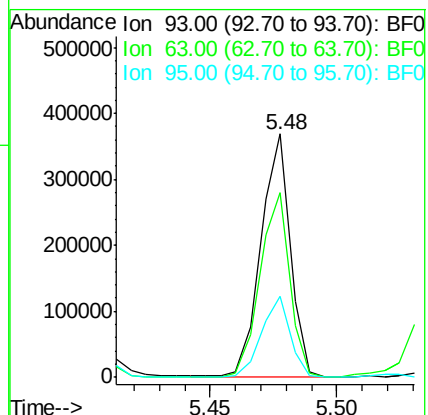
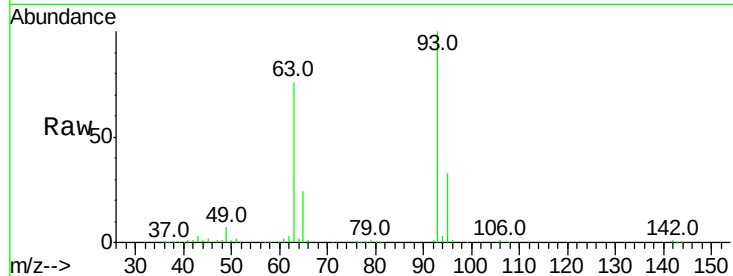
Tot Ion: 93 Resp: 300117

Ion Ratio Lower Upper

93 100

63 76.1 59.2 99.2

95 33.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.14 ng

RT: 5.70 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

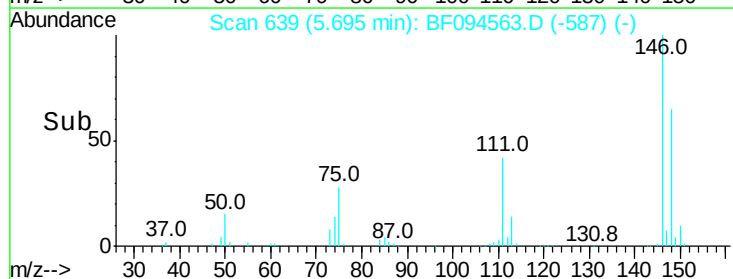
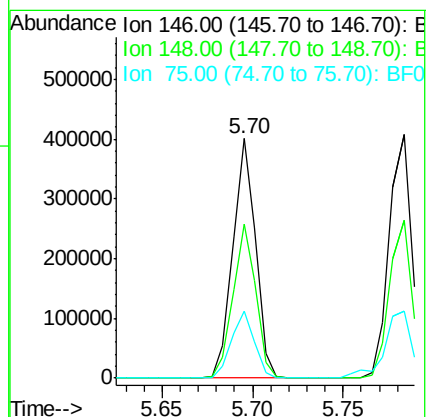
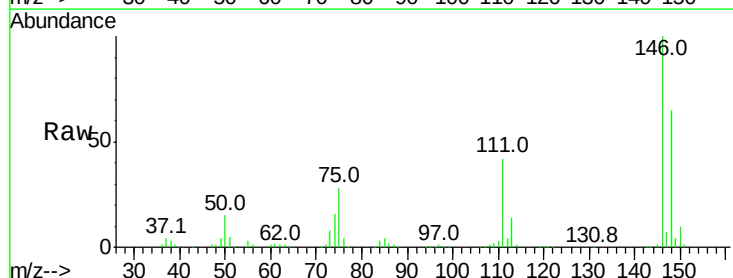
Tgt Ion: 146 Resp: 350710

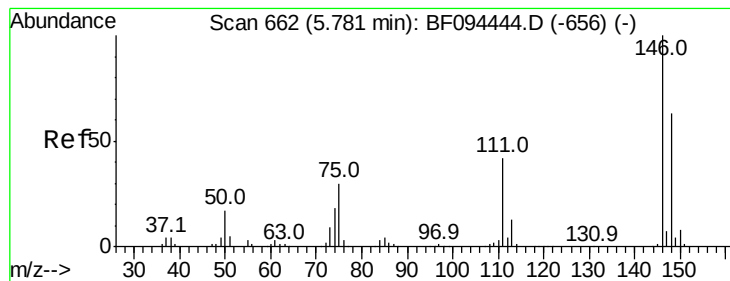
Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

75 28.2 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 40.18 ng

RT: 5.78 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

ClientSampled :

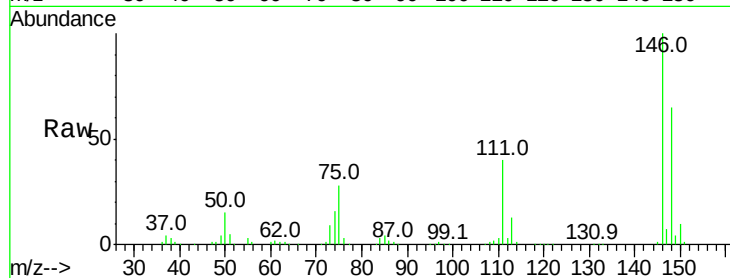
Tot Ion:146 Resp: 353221

Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.2

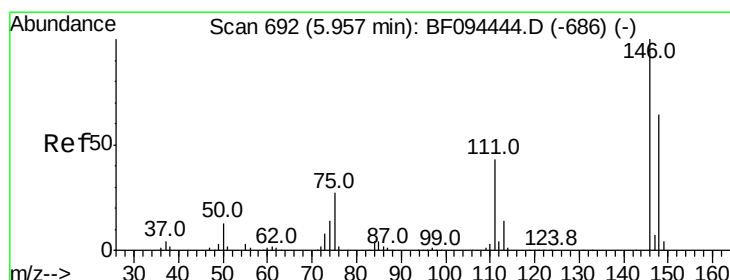
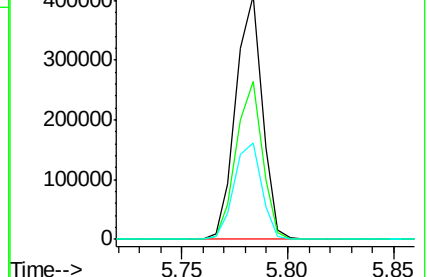
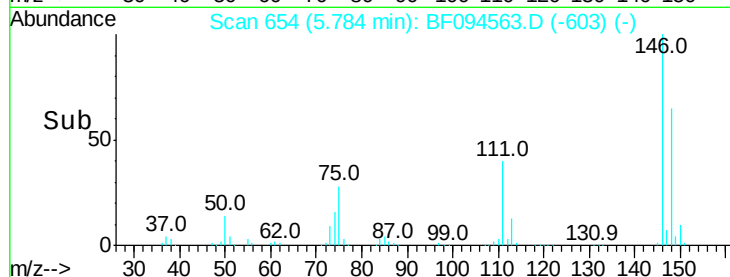
111 39.7 30.3 45.5



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: 40.29 ng

RT: 5.95 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

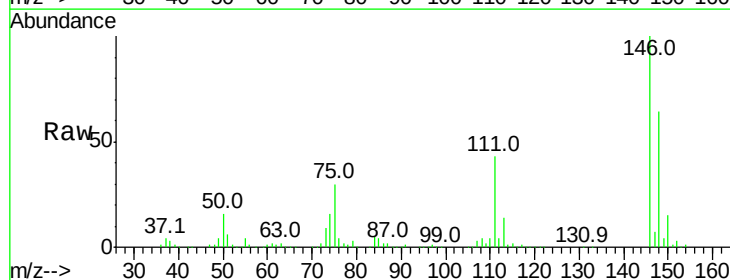
Tgt Ion:146 Resp: 326286

Ion Ratio Lower Upper

146 100

148 64.0 50.4 75.6

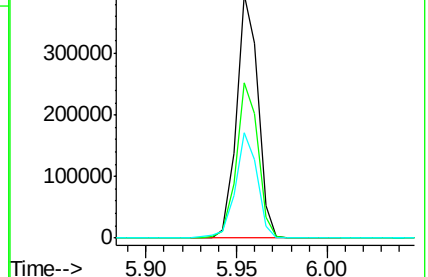
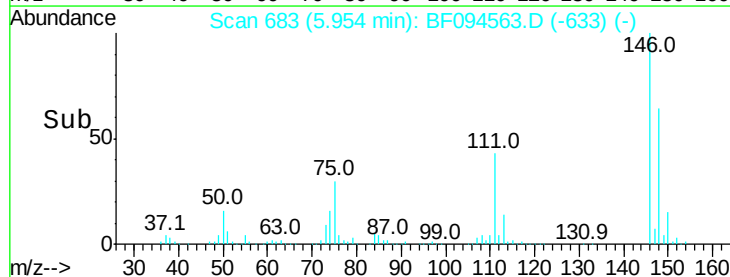
111 43.2 38.2 57.4

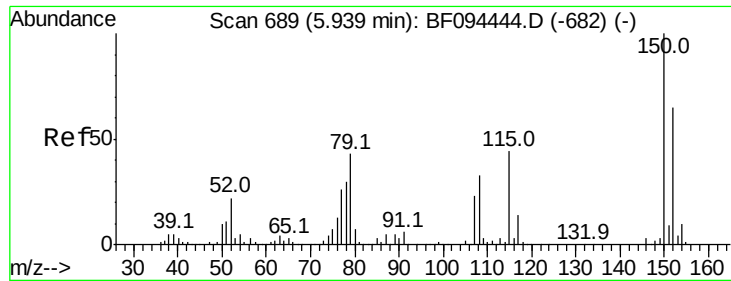


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

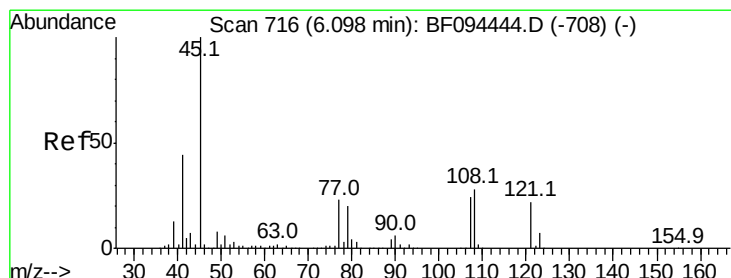
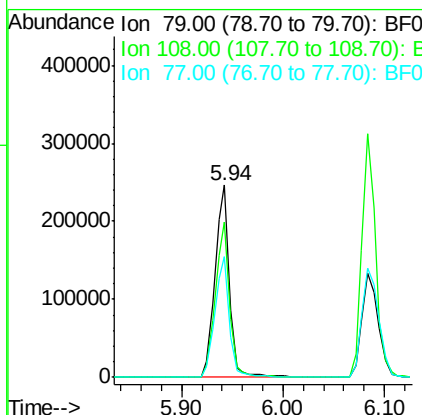
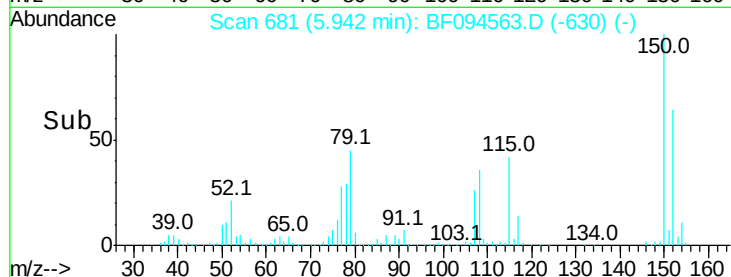
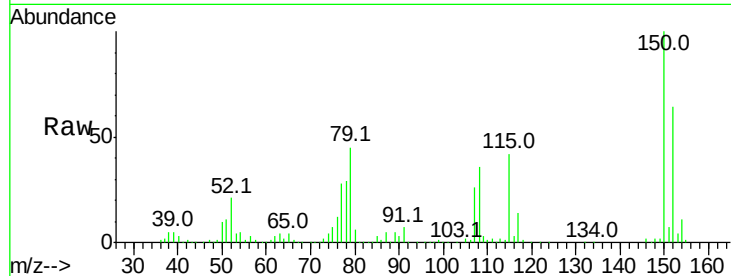




#15
Benzyl Alcohol
Concen: 40.54 ng
RT: 5.94 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

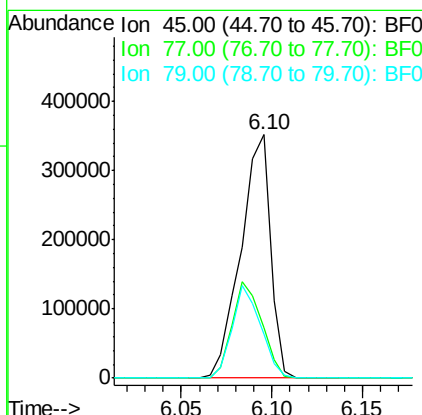
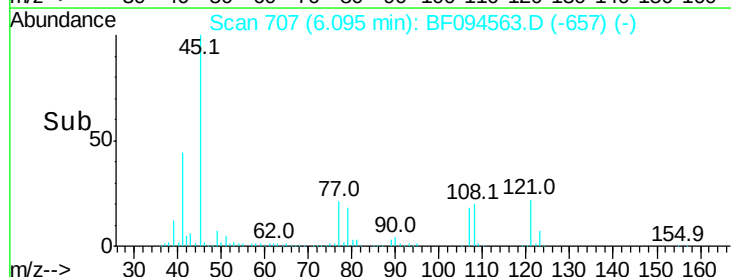
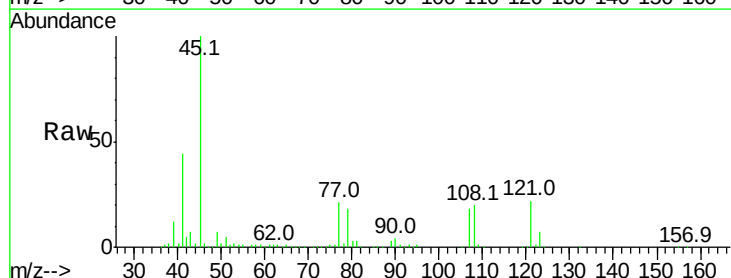
Instrument :
BNA_F
ClientSampled :

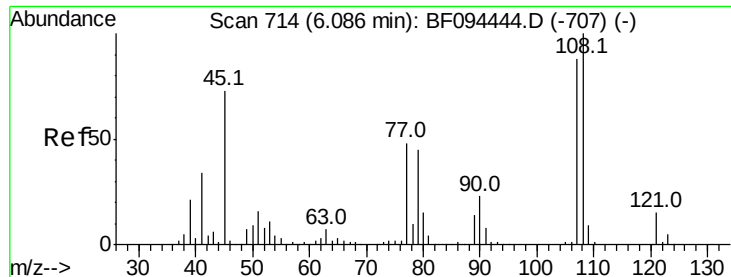
Tot Ion: 79 Resp: 245701
Ion Ratio Lower Upper
79 100
108 80.7 63.4 95.0
77 63.2 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.73 ng
RT: 6.10 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion: 45 Resp: 401226
Ion Ratio Lower Upper
45 100
77 20.6 0.0 33.2
79 18.1 0.0 30.0

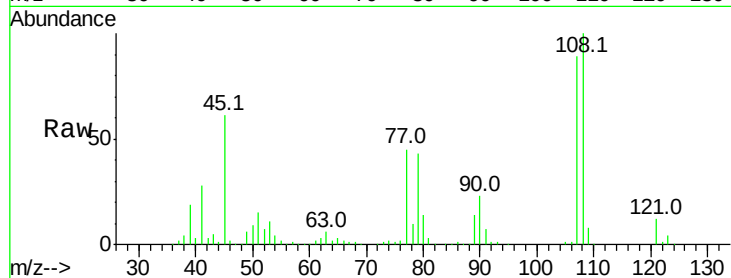




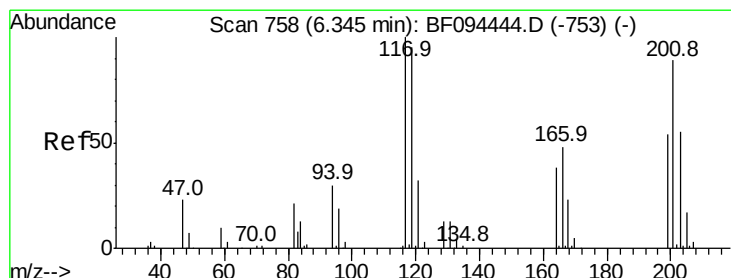
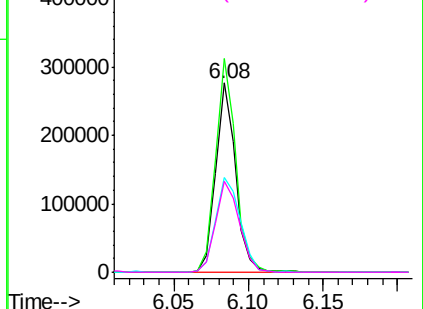
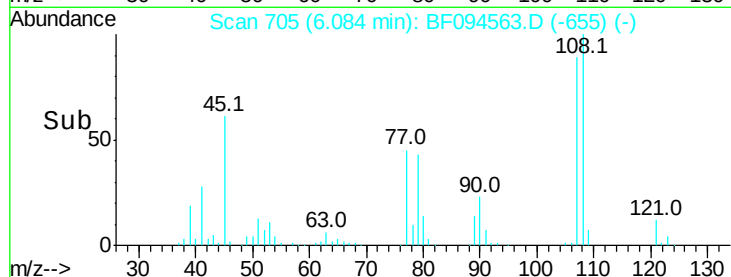
#17
2-Methylphenol
Concen: 41.76 ng
RT: 6.08 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	93.4	140.0
77	50.4	35.8	53.6
79	48.2	34.8	52.2

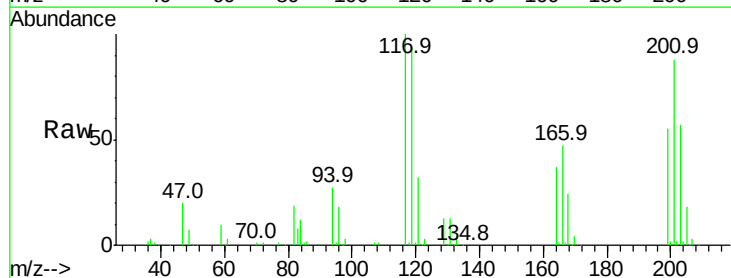


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

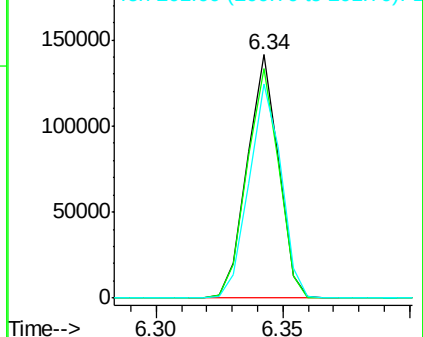
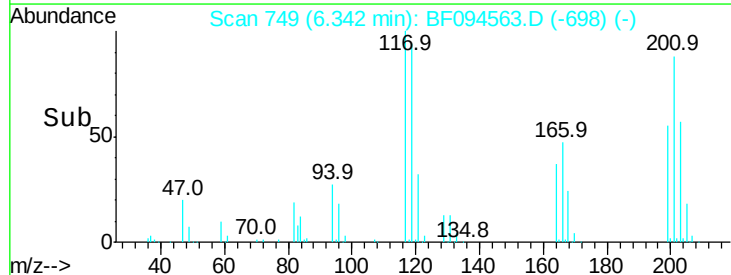


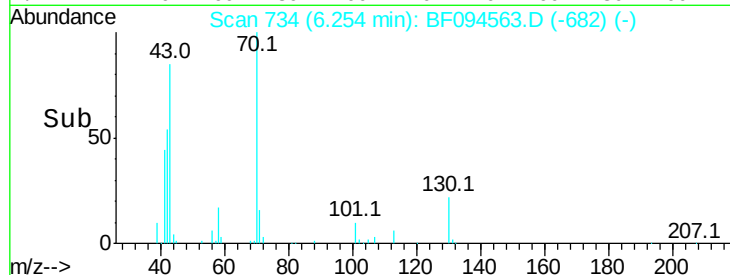
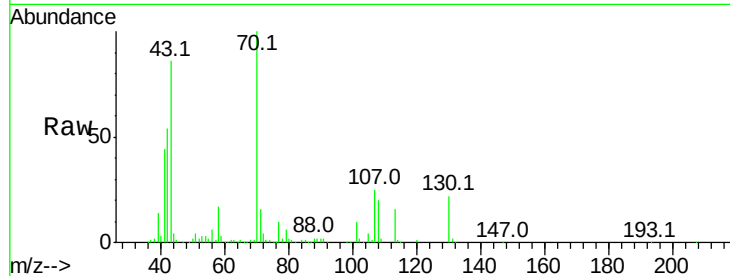
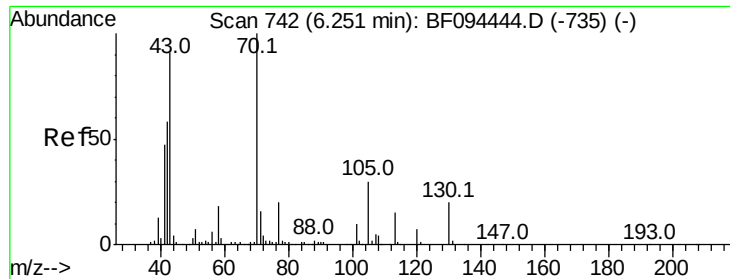
#18
Hexachloroethane
Concen: 40.29 ng
RT: 6.34 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.4	116.0
201	88.0	94.6	141.8#



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

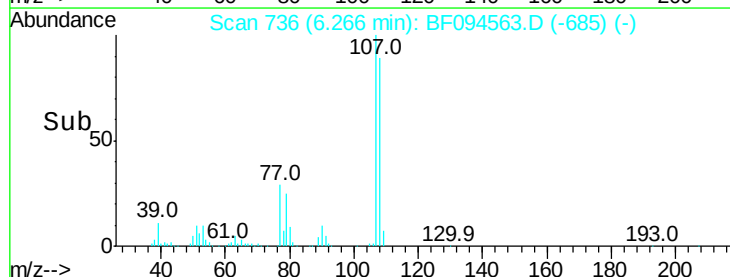
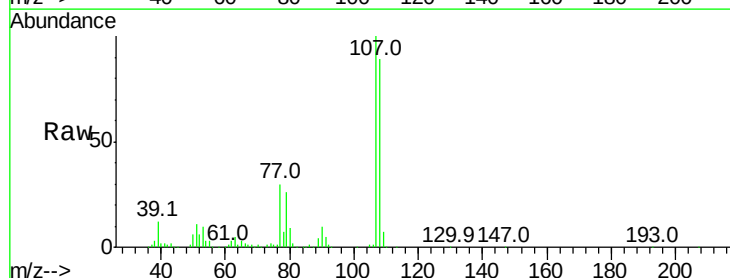
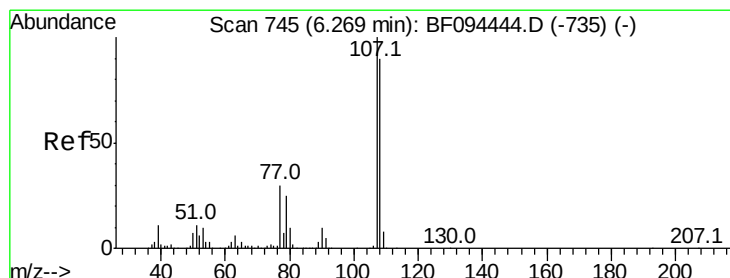
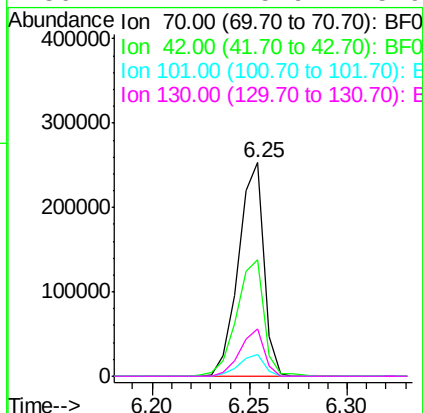




#19
n-Nitroso-di-n-propylamine
Concen: 42.19 ng
RT: 6.25 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

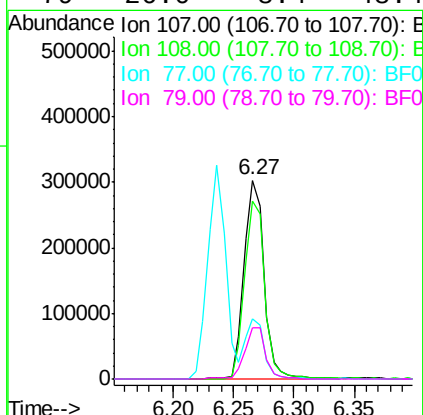
Instrument :
BNA_F
ClientSampleId :

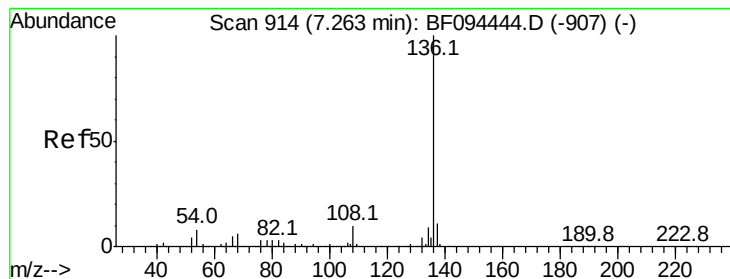
Tot Ion:	70	Resp:	228433
Ion	Ratio	Lower	Upper
70	100		
42	54.4	47.2	70.8
101	9.9	7.2	10.8
130	22.4	15.9	23.9



#20
3+4-Methylphenols
Concen: 41.93 ng
RT: 6.27 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion:	107	Resp:	353877
Ion	Ratio	Lower	Upper
107	100		
108	89.4	71.0	111.0
77	30.1	90.5	130.5#
79	26.0	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 468718

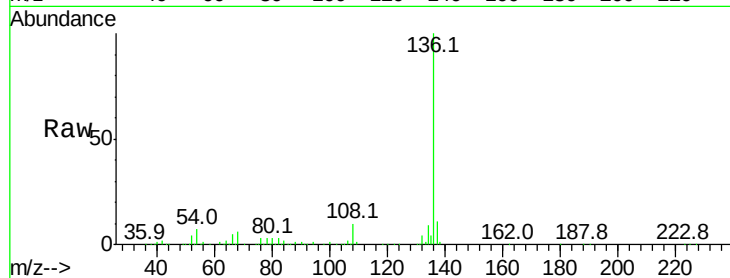
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.3 4.9 7.3

68 5.9 4.1 6.1

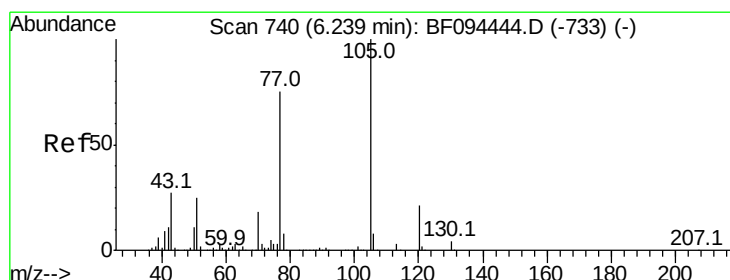
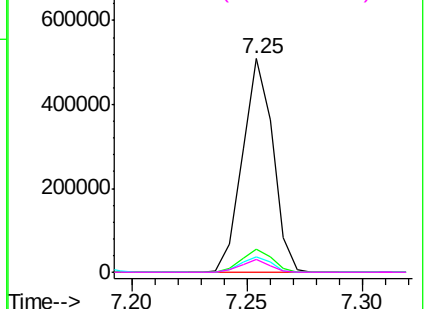
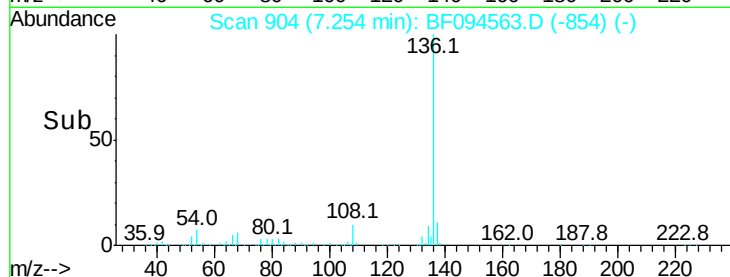


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.53 ng

RT: 6.24 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Tgt Ion:105 Resp: 461860

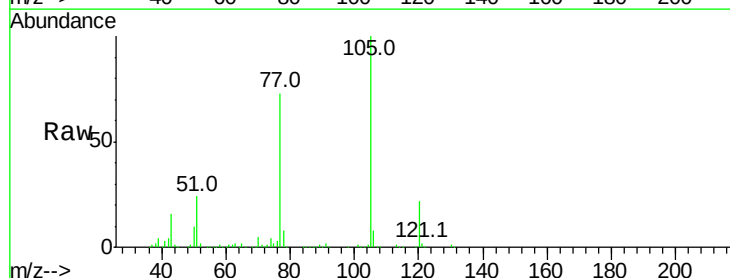
Ion Ratio Lower Upper

105 100

71 1.0 2.8 4.2#

51 23.9 30.7 46.1#

120 21.9 17.4 26.0

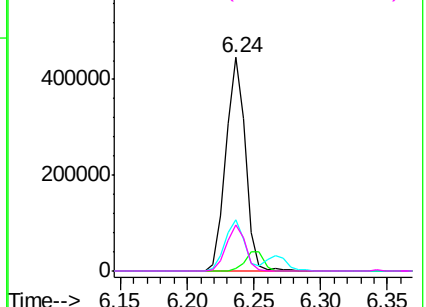
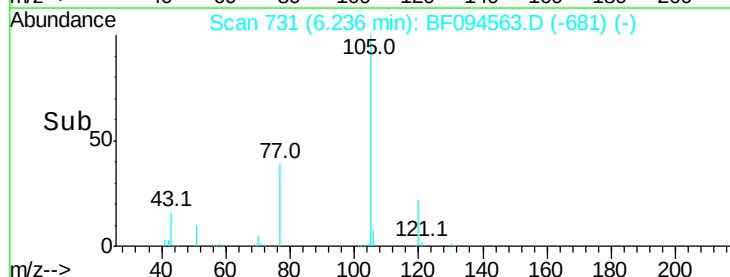


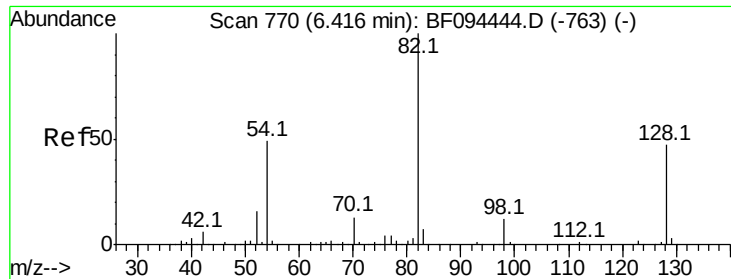
Abundance Ion 105.00 (104.70 to 105.70): E

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

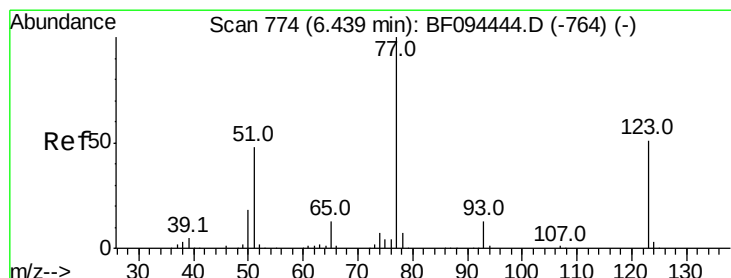
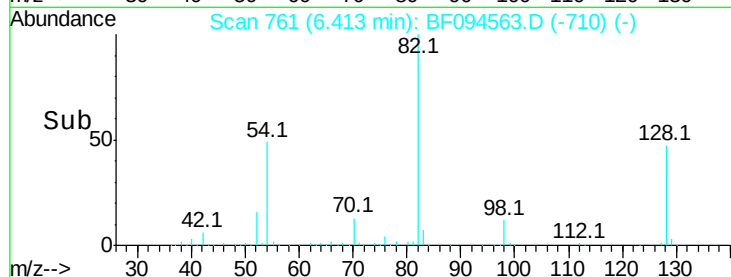
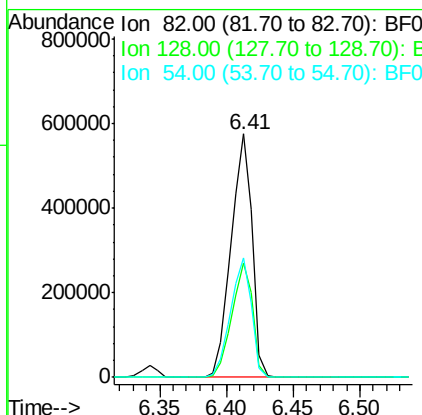
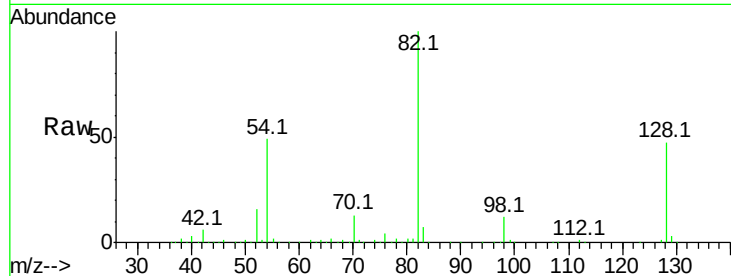




#23
 Nitrobenzene-d5
 Concen: 84.22 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

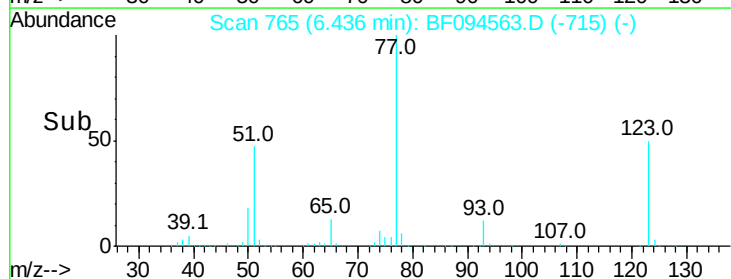
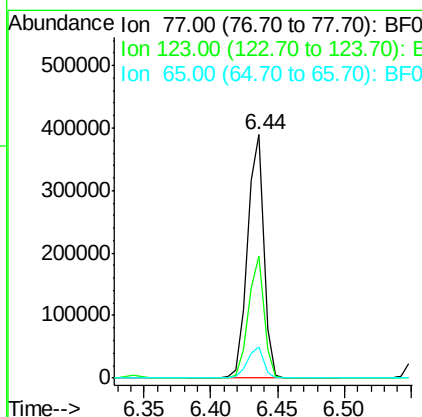
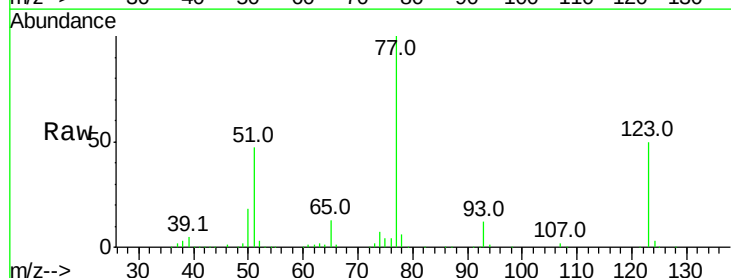
Instrument :
 BNA_F
 ClientSampleId :

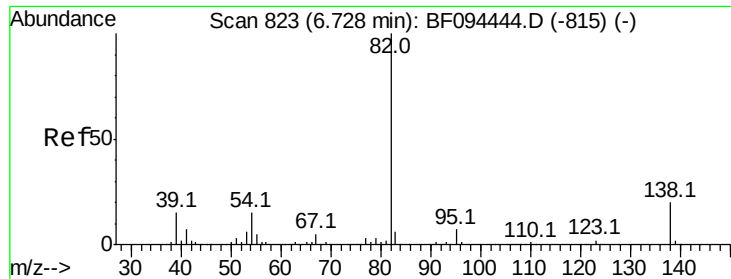
Tot Ion	82	Resp	639313
Ion Ratio	100	Lower	Upper
128	46.9	34.0	51.0
54	48.9	42.2	63.2



#24
 Nitrobenzene
 Concen: 40.37 ng
 RT: 6.44 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion	77	Resp	322676
Ion Ratio	100	Lower	Upper
123	50.0	35.8	53.8
65	13.0	10.6	15.8





#25

Isophorone

Concen: 41.62 ng

RT: 6.72 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

ClientSampleId :

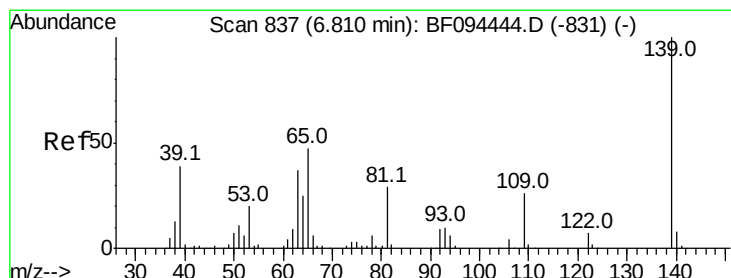
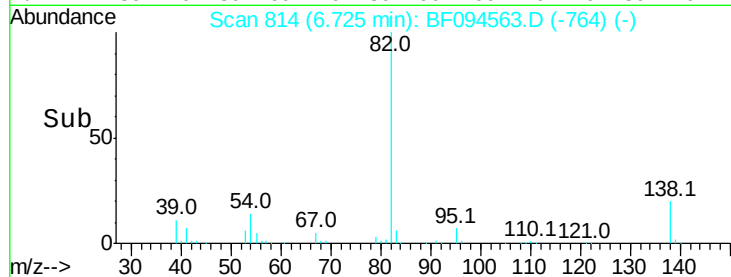
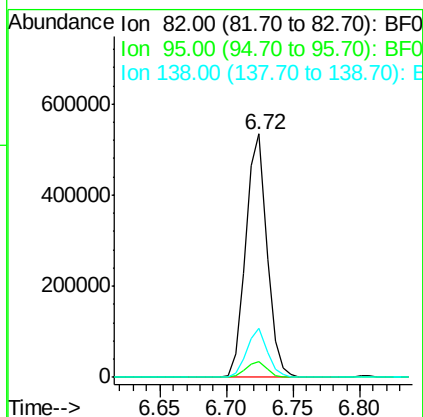
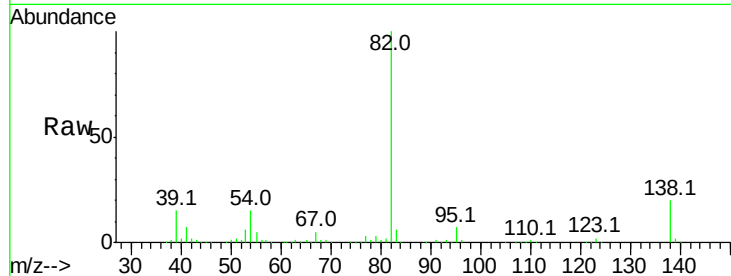
Tot Ion: 82 Resp: 585646

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 20.0 13.1 19.7#



#26

2-Nitrophenol

Concen: 41.23 ng

RT: 6.81 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

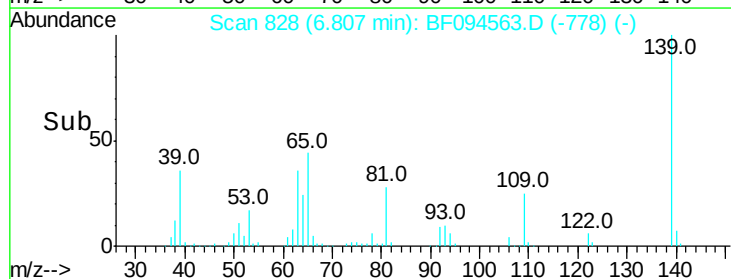
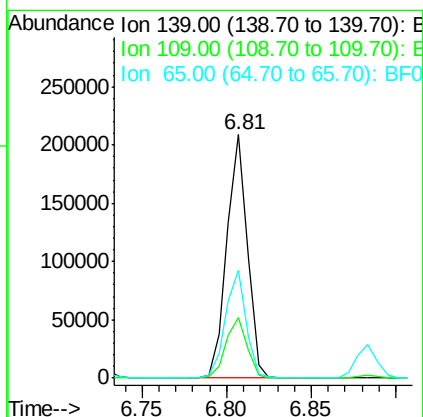
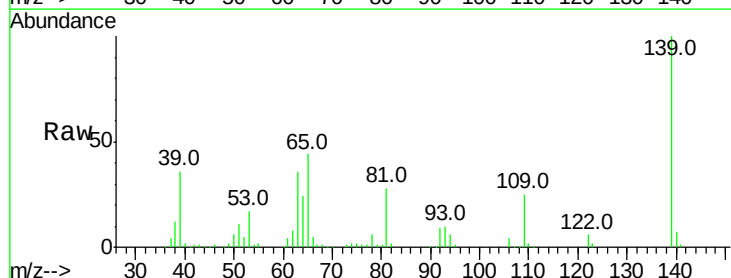
Tgt Ion:139 Resp: 177043

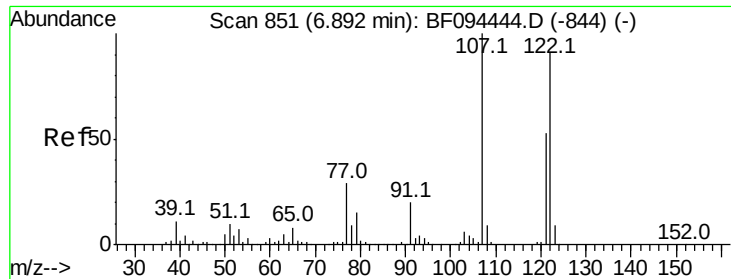
Ion Ratio Lower Upper

139 100

109 24.9 21.0 31.6

65 44.5 33.0 49.6

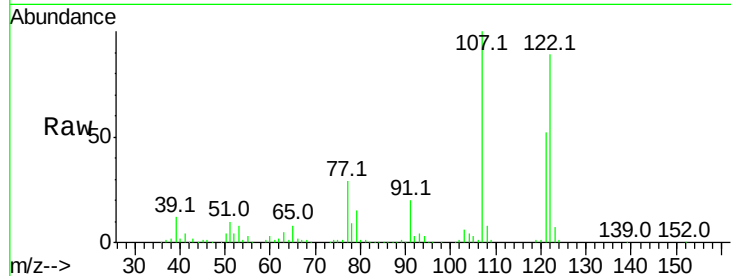




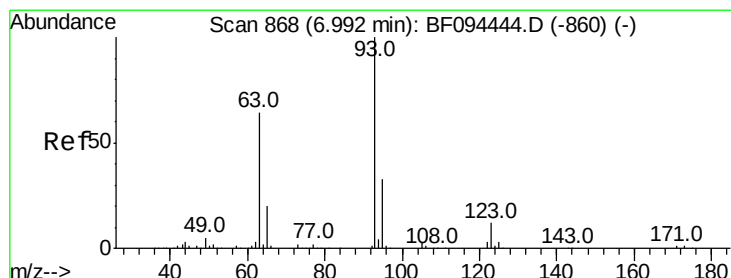
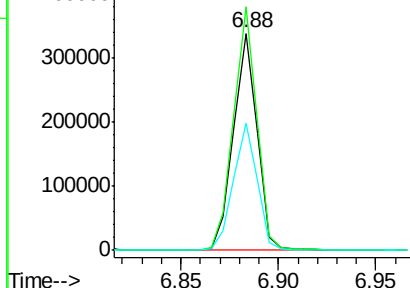
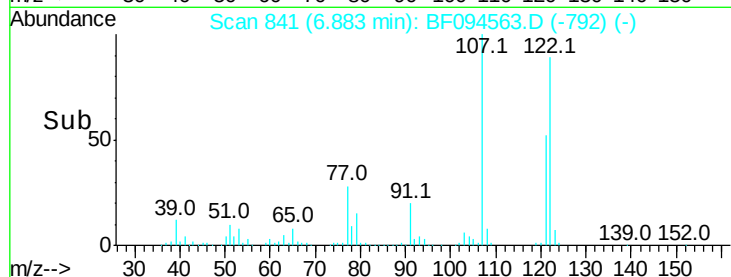
#27
 2,4-Dimethylphenol
 Concen: 41.05 ng
 RT: 6.88 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 286363
 Ion Ratio Lower Upper
 122 100
 107 112.1 89.2 133.8
 121 58.4 45.2 67.8

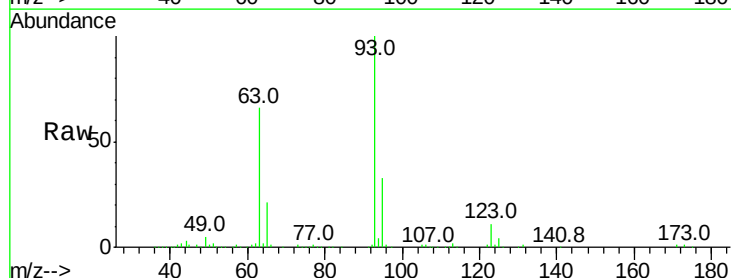


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

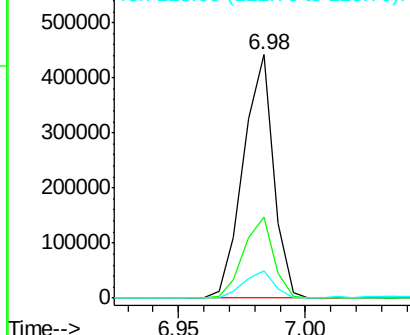
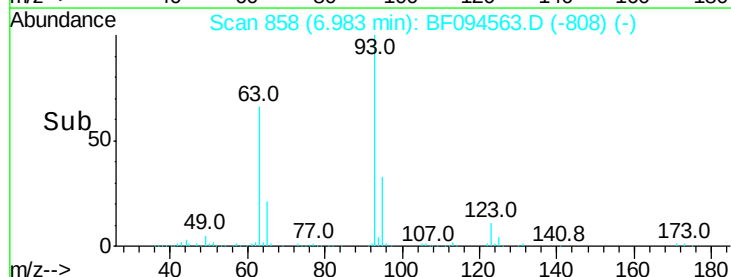


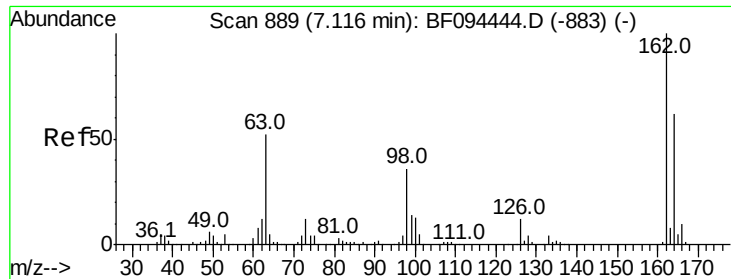
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.34 ng
 RT: 6.98 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion: 93 Resp: 367214
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.5 39.7
 123 11.3 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

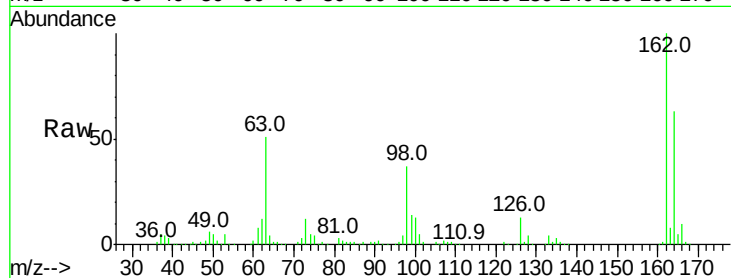




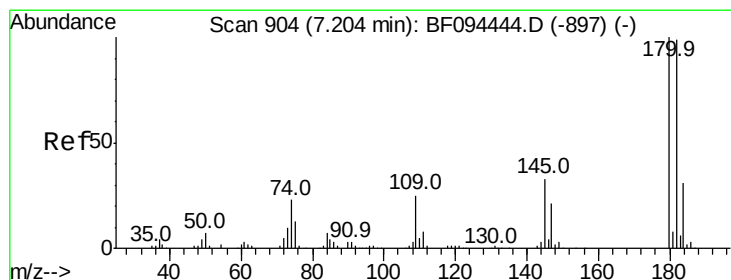
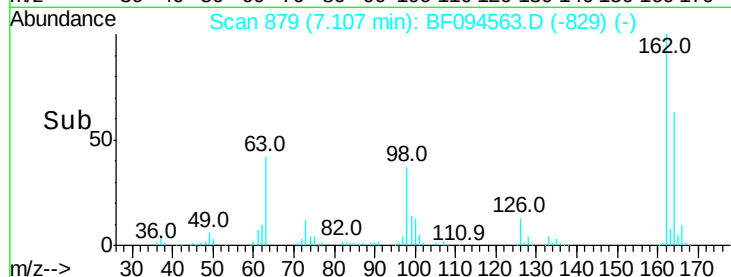
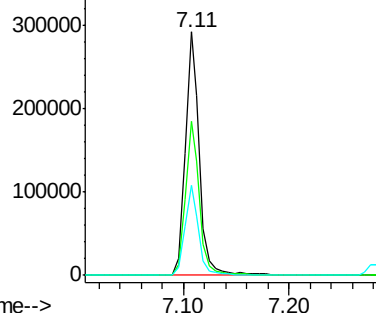
#29
 2,4-Dichlorophenol
 Concen: 42.56 ng
 RT: 7.11 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.6	84.6
98	36.7	14.8	54.8

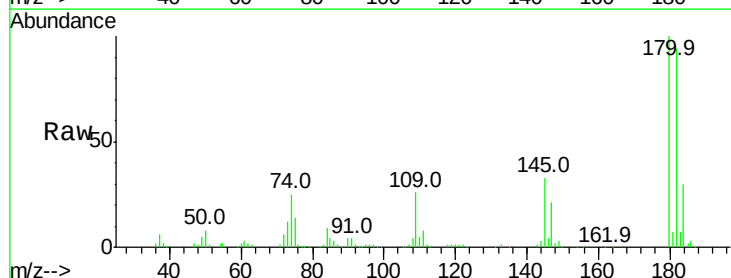


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

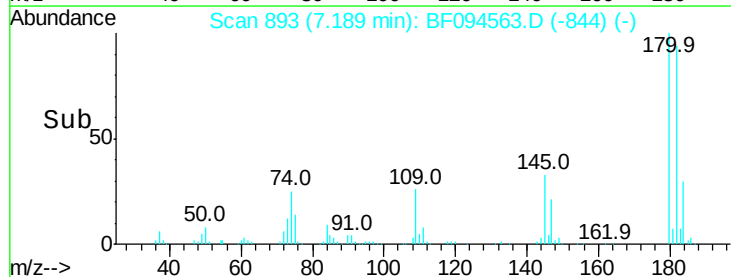
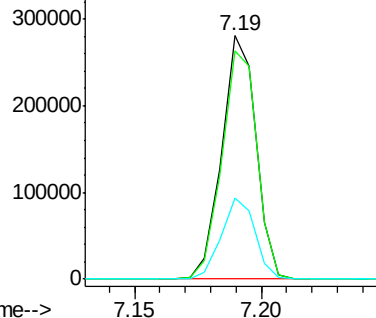


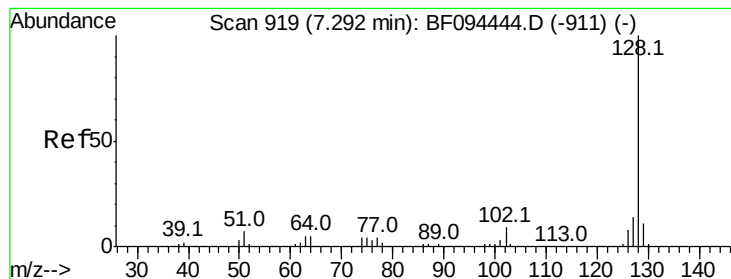
#30
 1,2,4-Trichlorobenzene
 Concen: 39.45 ng
 RT: 7.19 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.8	113.6
145	33.5	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: 40.28 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

ClientSampleId :

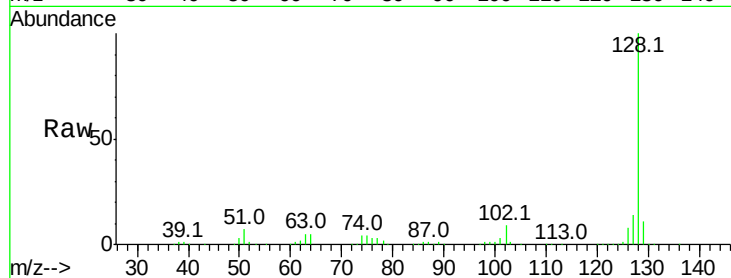
Tot Ion:128 Resp: 907573

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

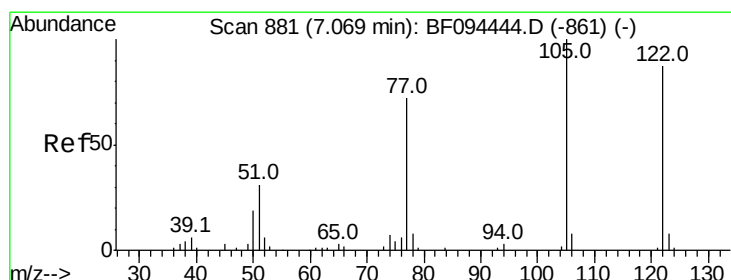
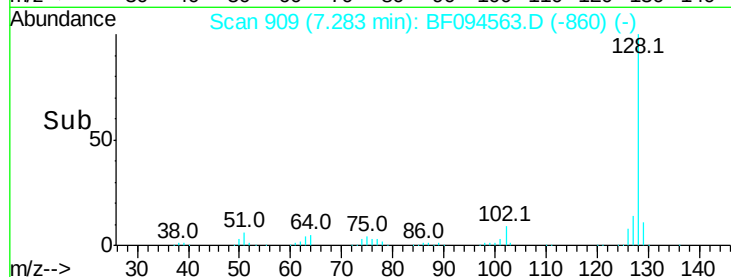
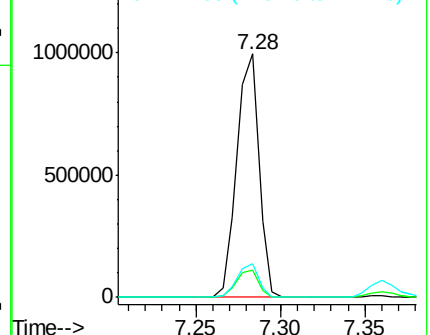
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.26 ng

RT: 7.07 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

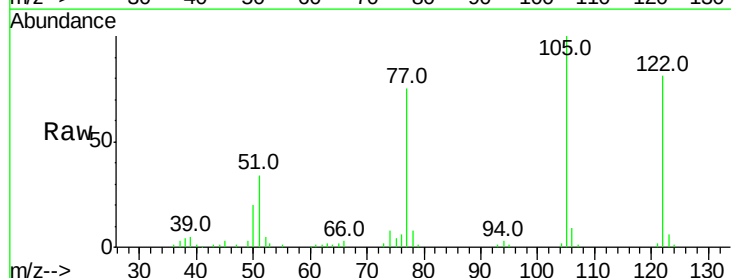
Tgt Ion:122 Resp: 178027

Ion Ratio Lower Upper

122 100

105 122.8 103.3 143.3

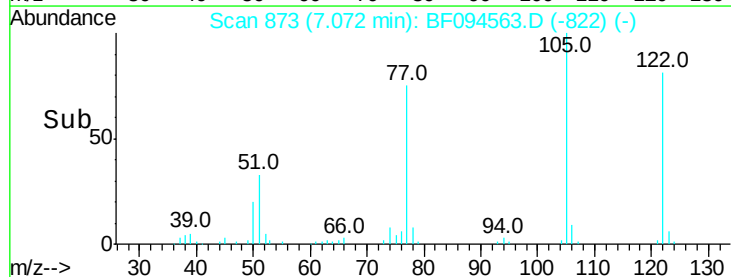
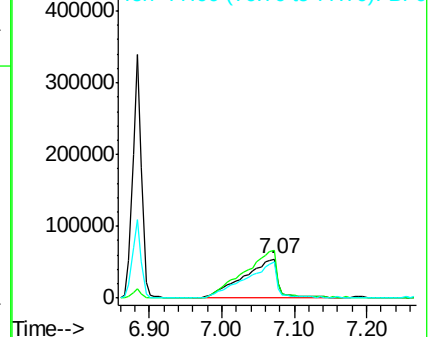
77 92.3 73.7 113.7

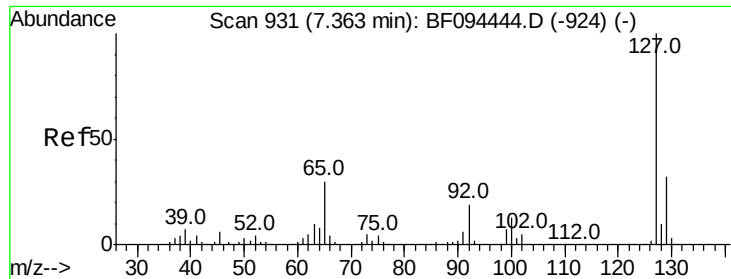


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

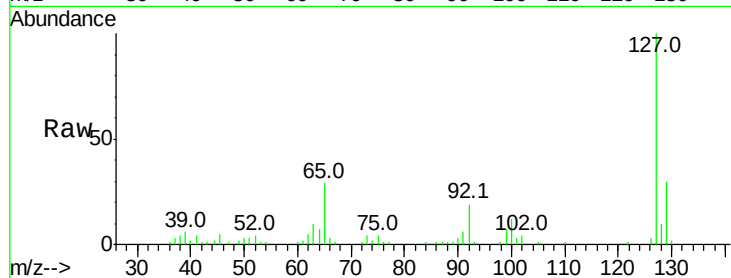




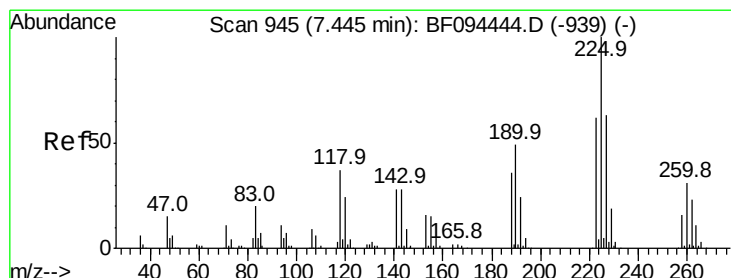
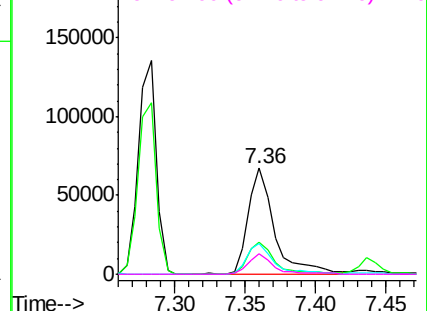
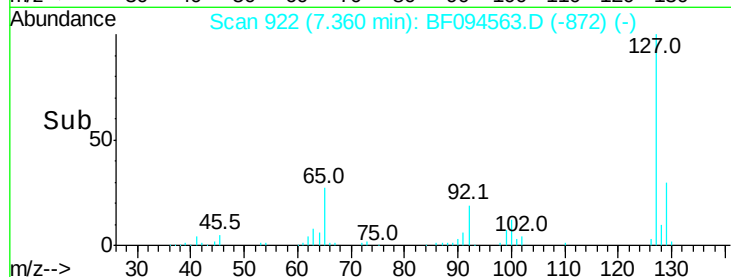
#33
 4-Chloroaniline
 Concen: 9.42 ng
 RT: 7.36 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	88255
Ion	Ratio	Lower	Upper
127	100		
129	30.3	26.2	39.2
65	29.4	27.8	41.8
92	18.8	16.8	25.2

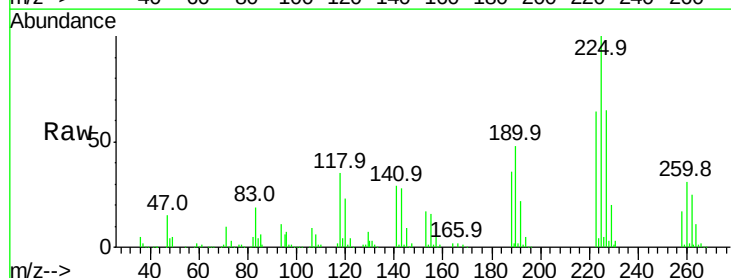


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

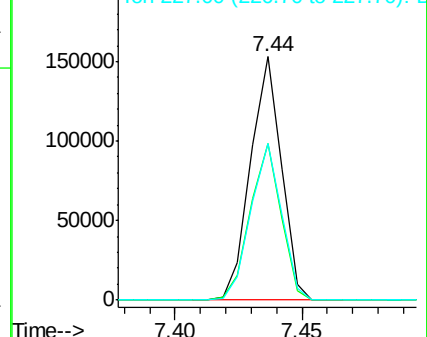
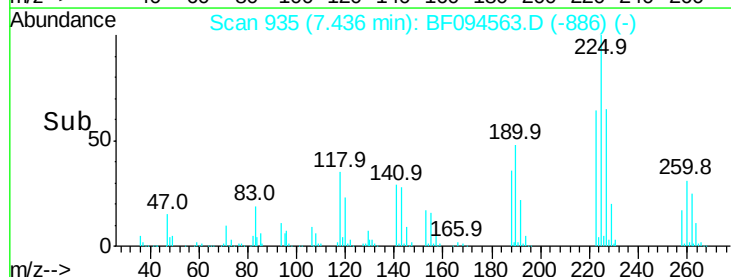


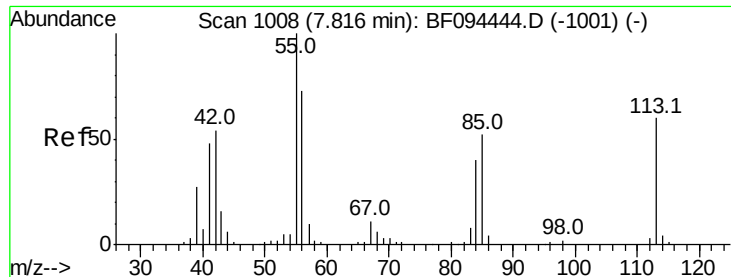
#34
 Hexachlorobutadiene
 Concen: 38.96 ng
 RT: 7.44 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion:	225	Resp:	130304
Ion	Ratio	Lower	Upper
225	100		
223	64.4	48.8	73.2
227	64.5	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

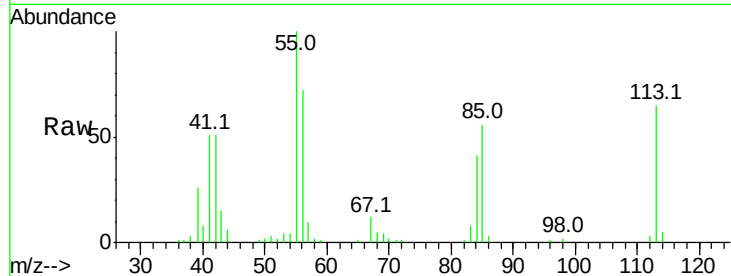




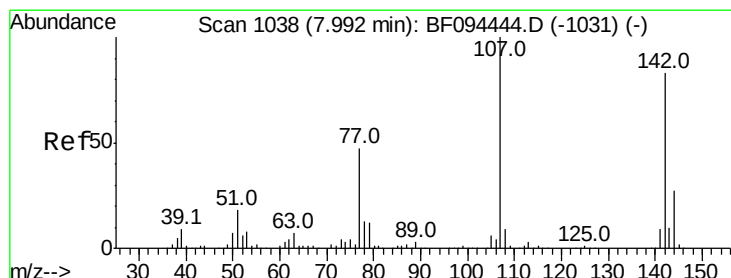
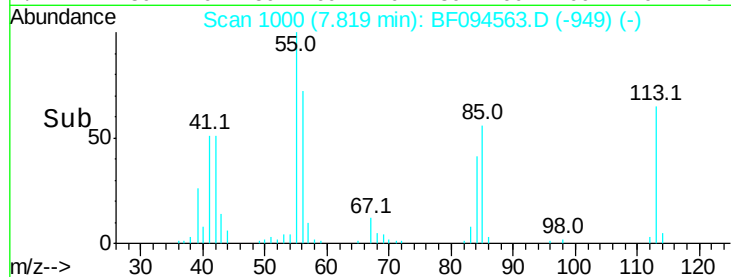
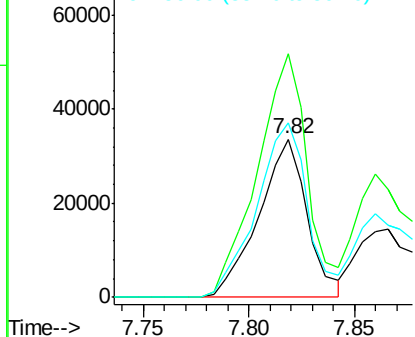
#35
 Caprolactam
 Concen: 26.27 ng
 RT: 7.82 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 53545
 Ion Ratio Lower Upper
 113 100
 55 153.6 150.2 190.2
 56 110.1 107.8 147.8

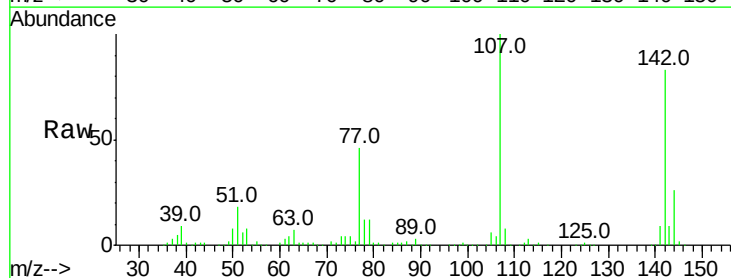


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

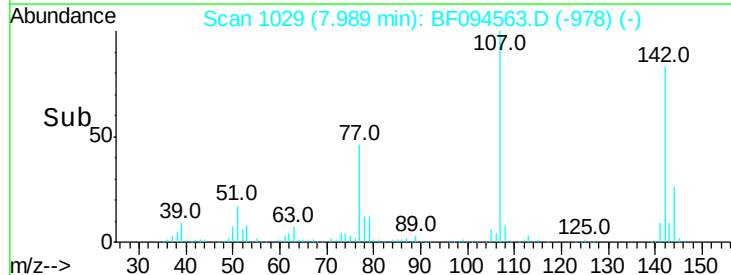
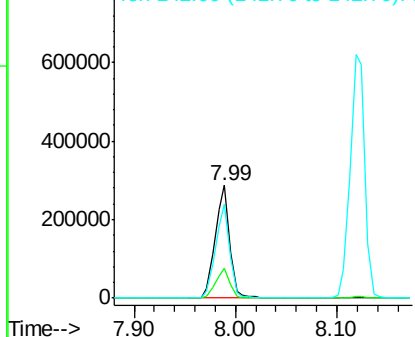


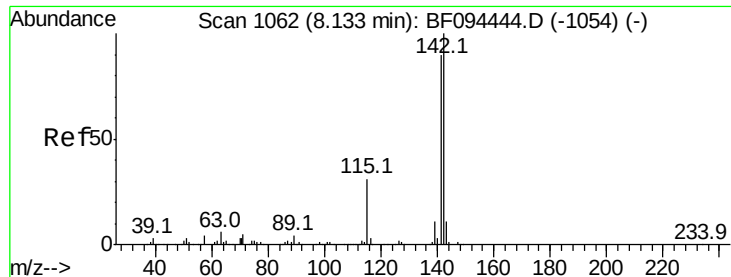
#36
 4-Chloro-3-methylphenol
 Concen: 41.88 ng
 RT: 7.99 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion:107 Resp: 284846
 Ion Ratio Lower Upper
 107 100
 144 25.9 24.2 36.4
 142 83.1 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

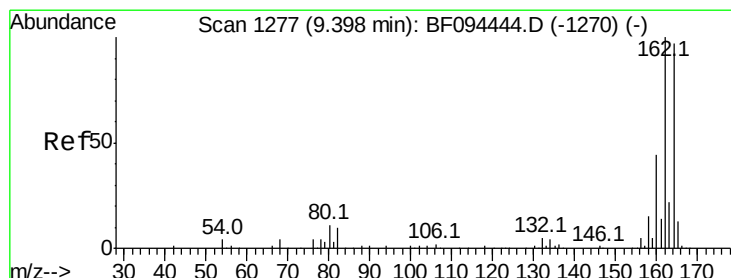
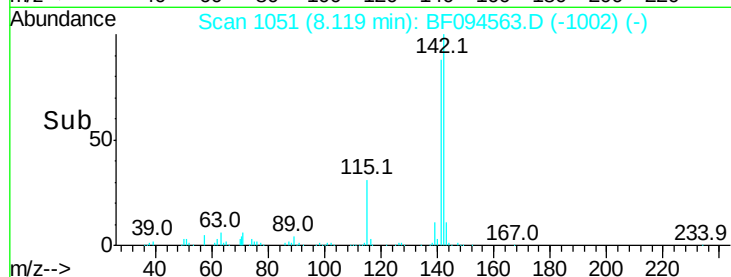
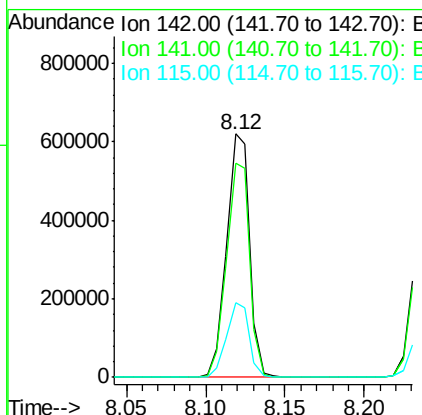
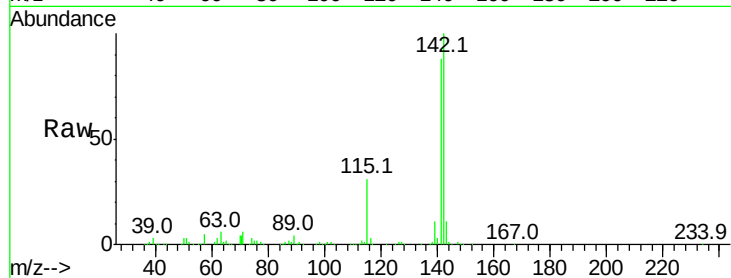




#37
 2-Methylnaphthalene
 Concen: 40.29 ng
 RT: 8.12 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

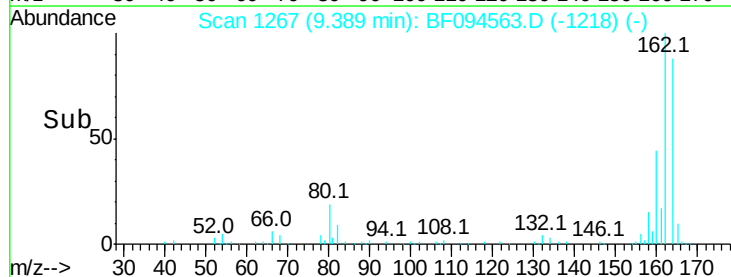
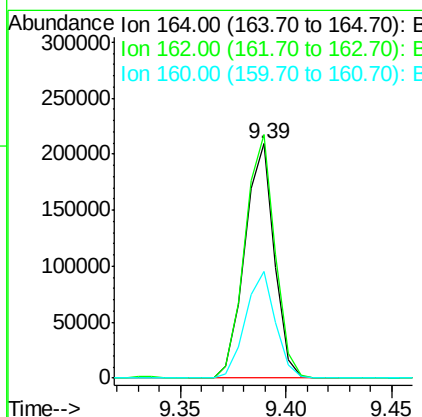
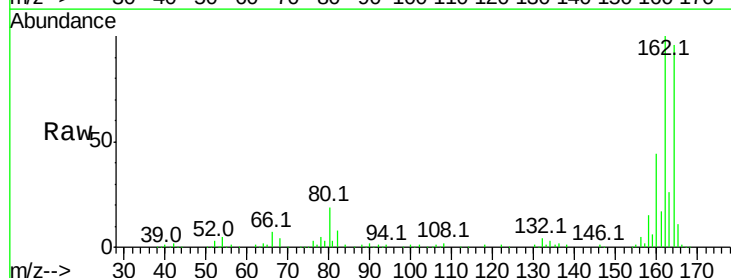
Instrument :
 BNA_F
 ClientSampleId :

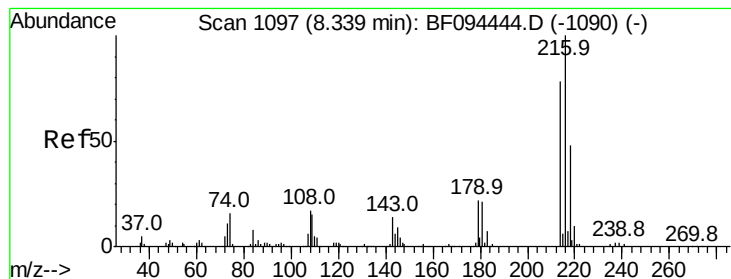
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.3	106.9
115	30.8	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.6	123.8
160	45.5	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.39 ng

RT: 8.33 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 221254

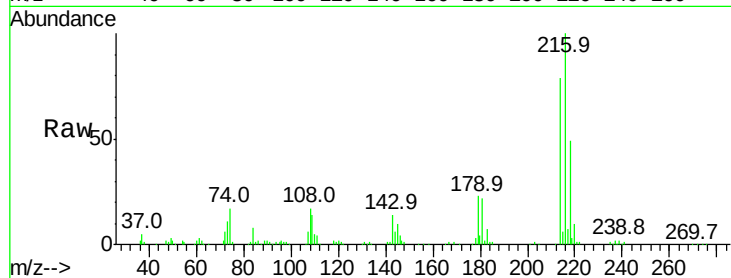
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.2

179 22.4 17.9 26.9

108 22.1 16.5 24.7

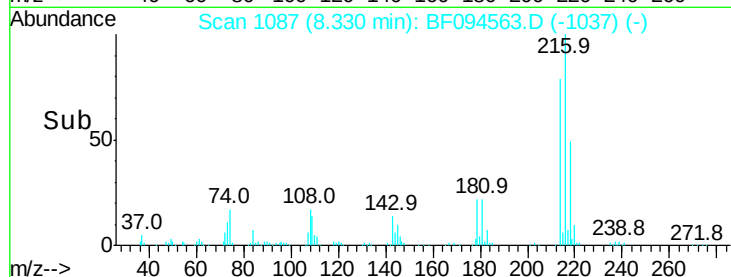


Abundance Ion 216.00 (215.70 to 216.70): E

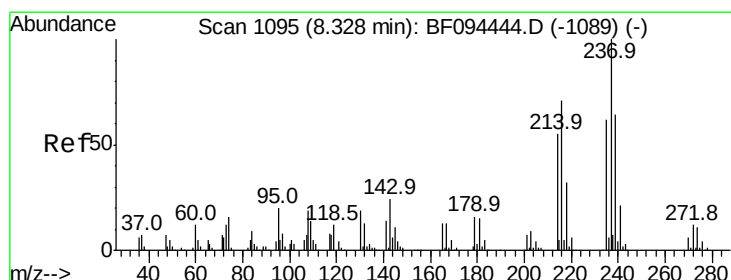
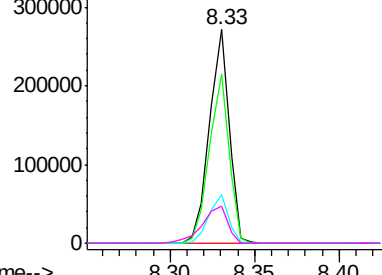
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 94.53 ng

RT: 8.32 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

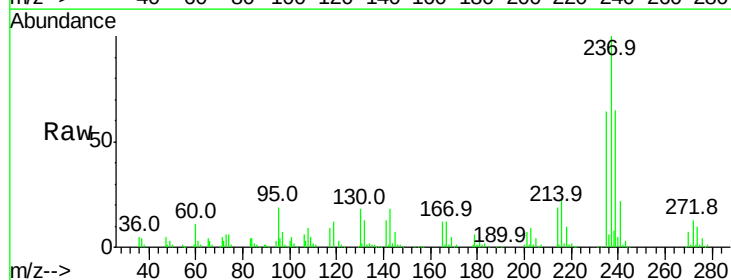
Tgt Ion:237 Resp: 220398

Ion Ratio Lower Upper

237 100

235 64.3 42.6 82.6

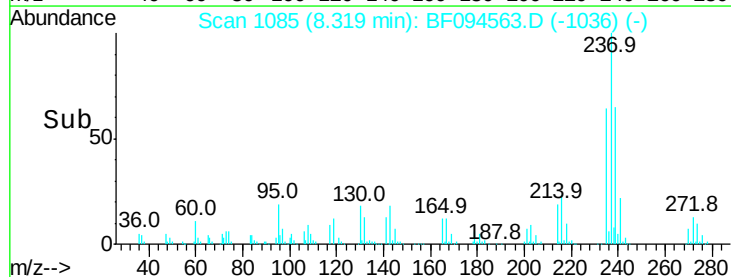
272 12.6 0.0 31.9



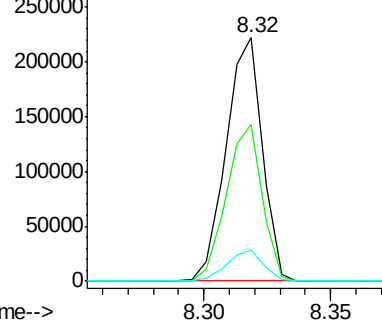
Abundance Ion 236.80 (236.50 to 237.50): E

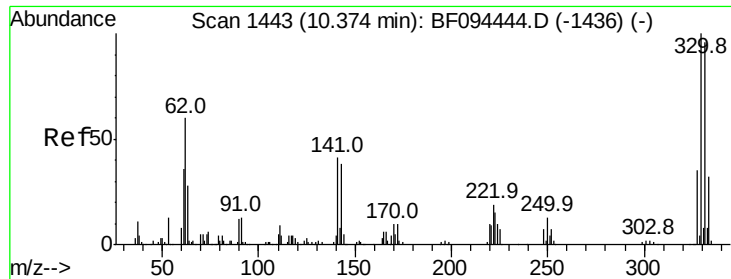
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

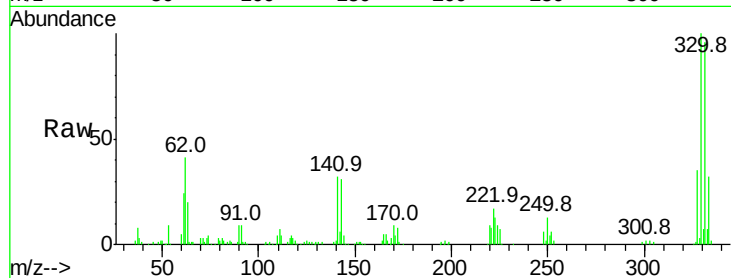




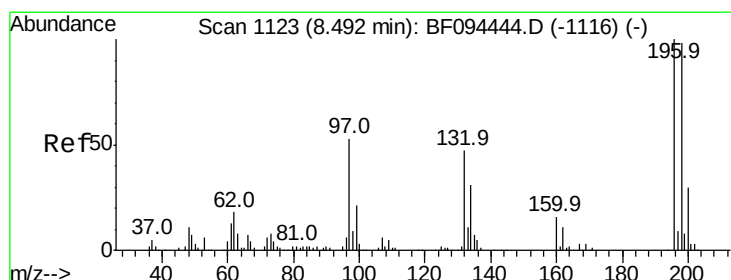
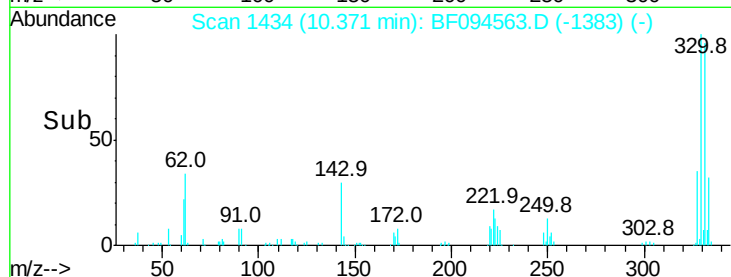
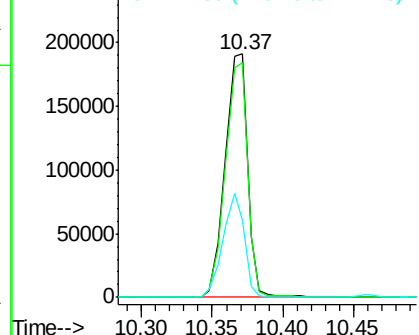
#41
 2,4,6-Tribromophenol
 Concen: 134.67 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 213192
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 40.3 31.4 47.2

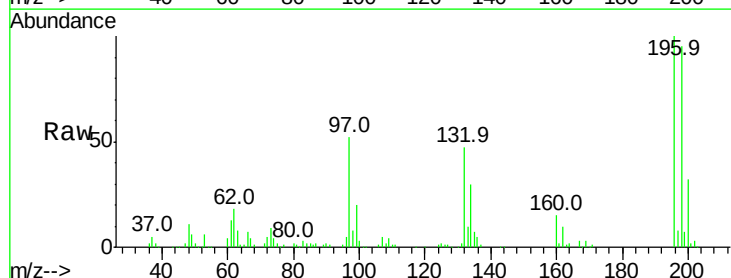


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

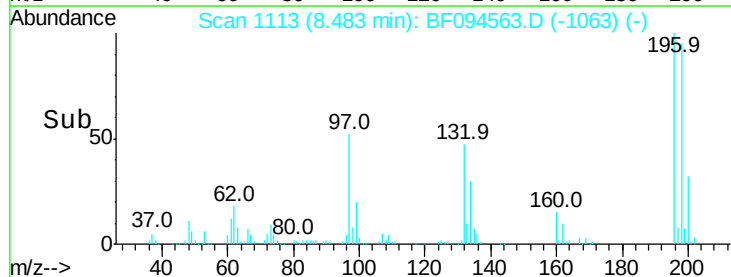
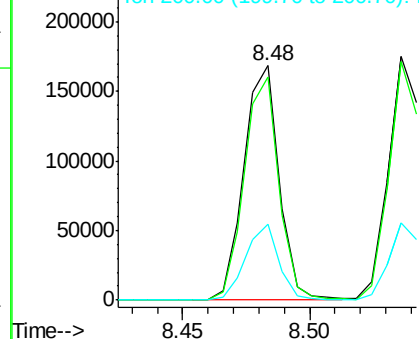


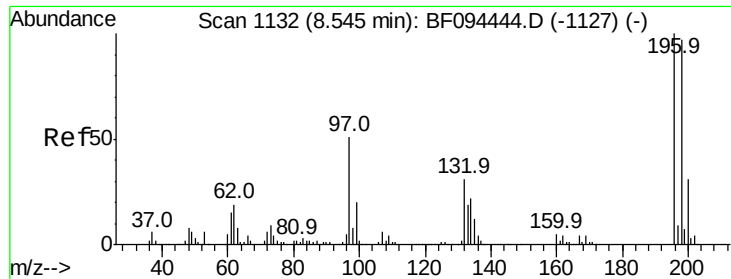
#42
 2,4,6-Trichlorophenol
 Concen: 40.19 ng
 RT: 8.48 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion:196 Resp: 162659
 Ion Ratio Lower Upper
 196 100
 198 95.1 74.2 111.4
 200 32.3 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

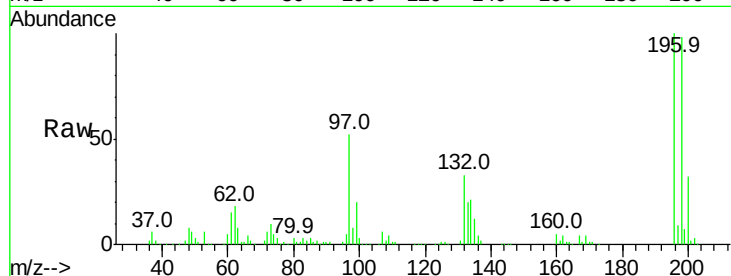




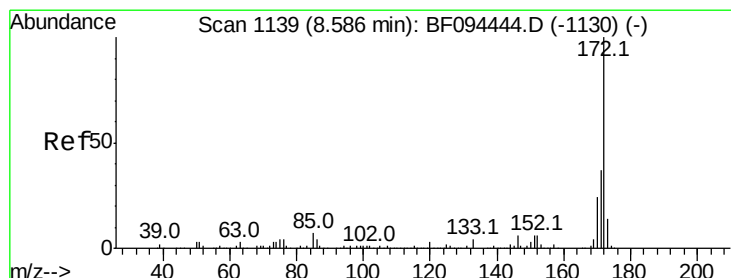
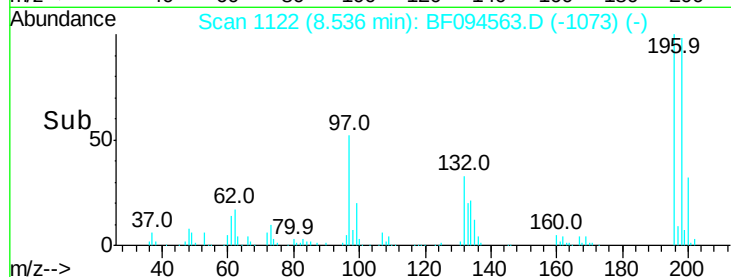
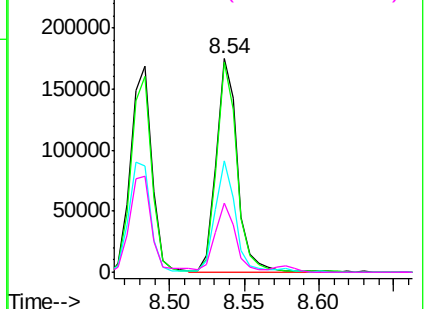
#43
 2,4,5-Trichlorophenol
 Concen: 41.70 ng
 RT: 8.54 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 173326
 Ion Ratio Lower Upper
 196 100
 198 98.2 75.7 113.5
 97 52.0 47.7 71.5
 132 32.7 28.0 42.0

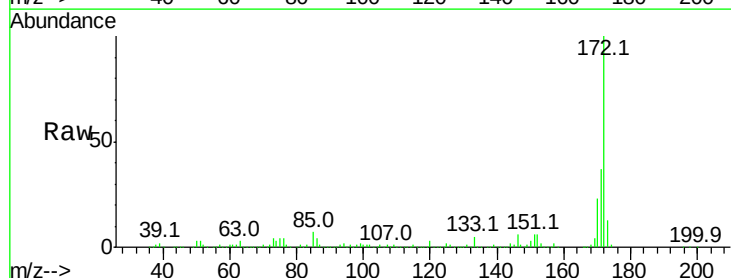


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

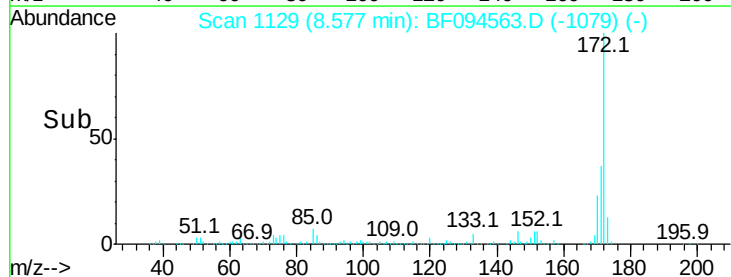
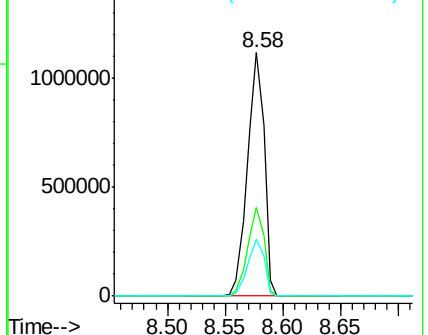


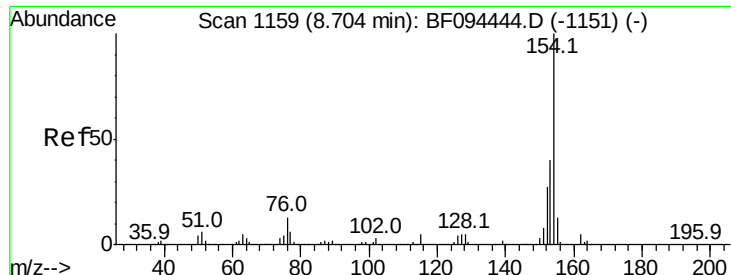
#44
 2-Fluorobiphenyl
 Concen: 81.38 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion:172 Resp: 1119394
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 23.4 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: 40.73 ng

RT: 8.70 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

ClientSampleId :

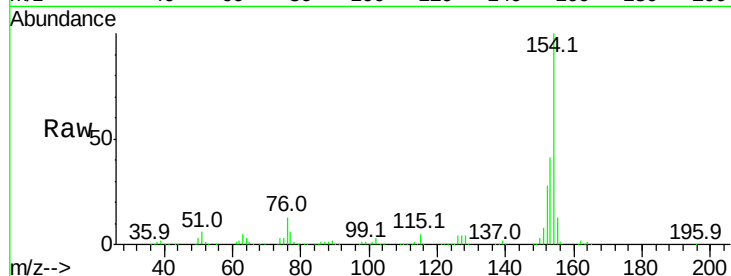
Tot Ion:154 Resp: 673480

Ion Ratio Lower Upper

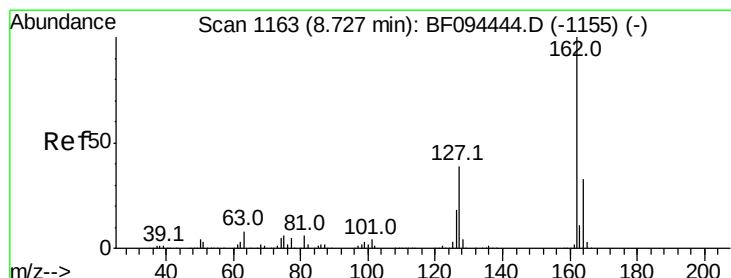
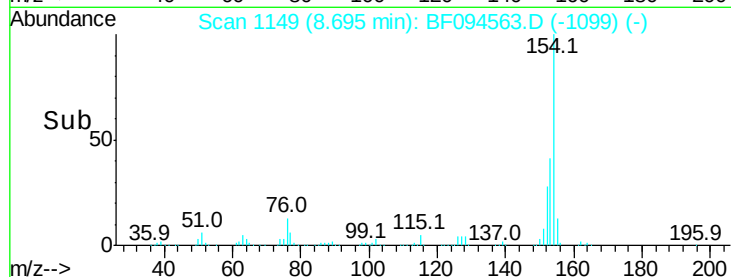
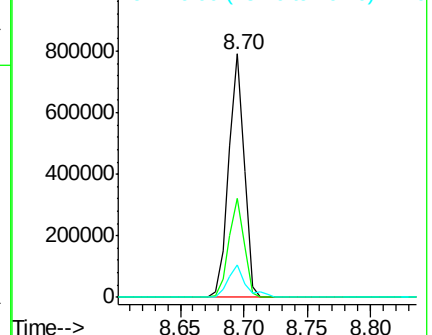
154 100

153 40.8 21.2 61.2

76 13.1 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: 41.21 ng

RT: 8.71 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

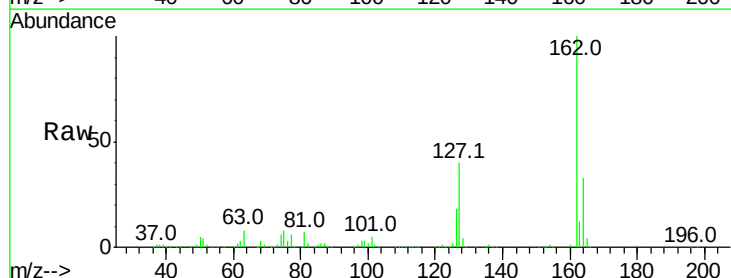
Tgt Ion:162 Resp: 541819

Ion Ratio Lower Upper

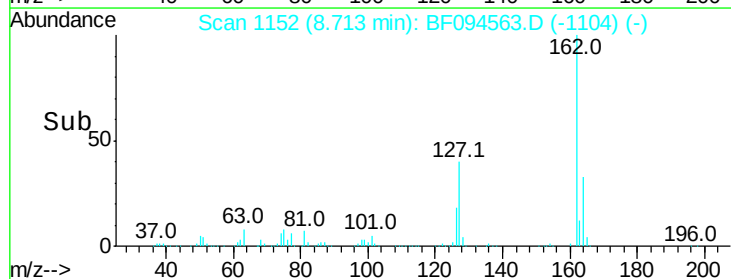
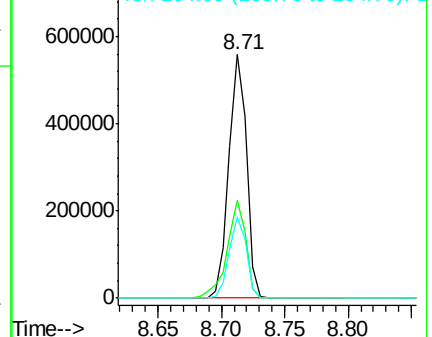
162 100

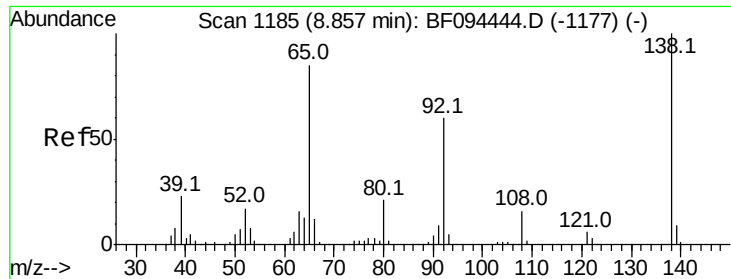
127 40.3 28.3 42.5

164 33.1 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

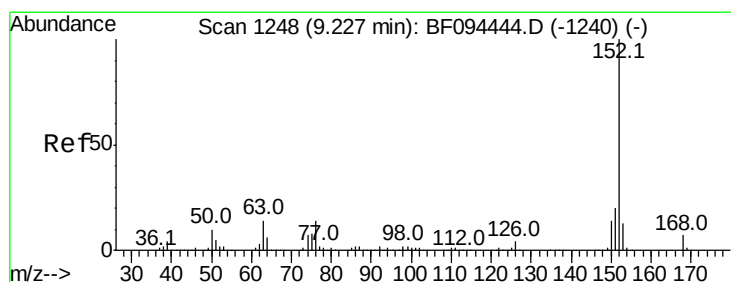
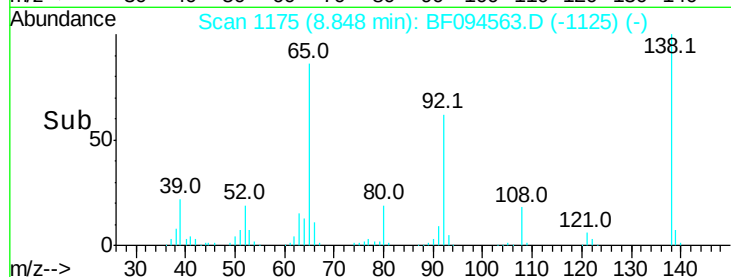
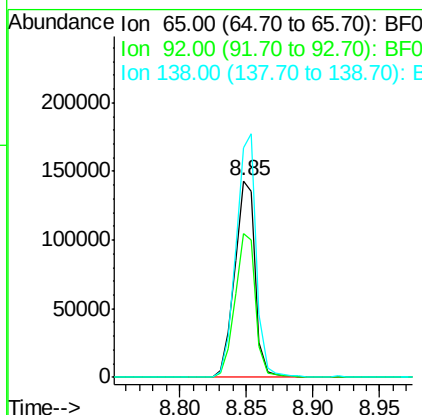
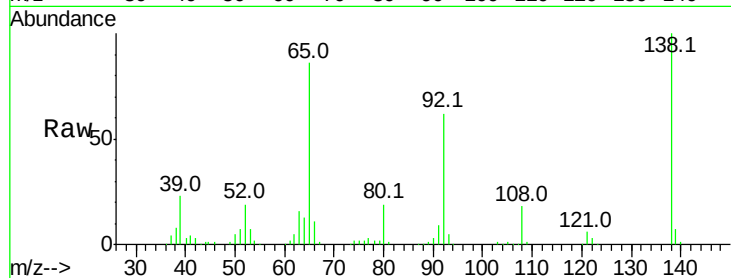




#47
 2-Nitroaniline
 Concen: 41.00 ng
 RT: 8.85 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

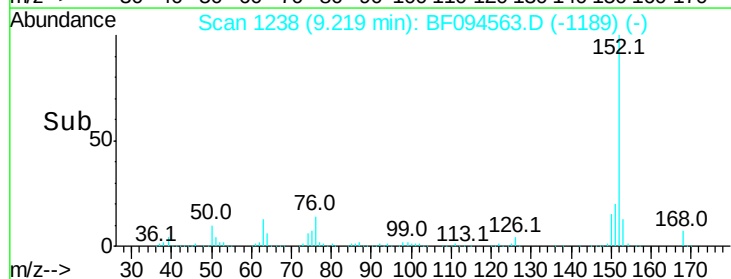
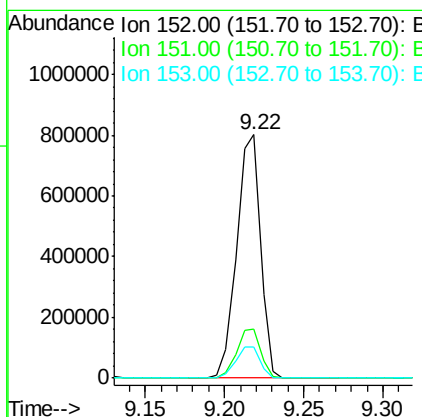
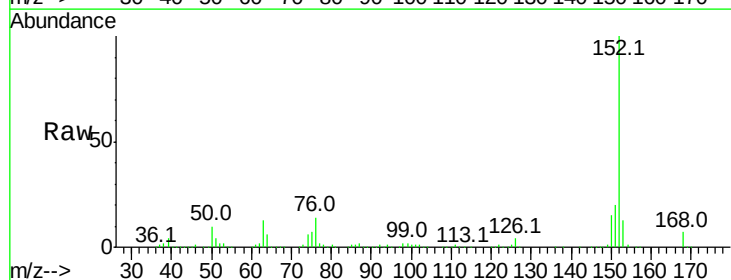
Instrument :
 BNA_F
 ClientSampleId :

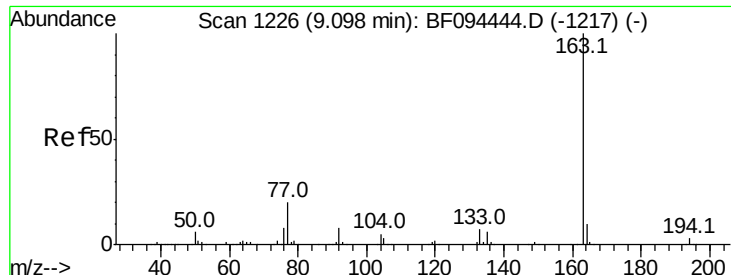
Tot Ion: 65 Resp: 155080
 Ion Ratio Lower Upper
 65 100
 92 72.8 53.9 80.9
 138 116.5 78.8 118.2



#48
 Acenaphthylene
 Concen: 40.57 ng
 RT: 9.22 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion: 152 Resp: 831632
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.8 25.2
 153 12.9 10.8 16.2

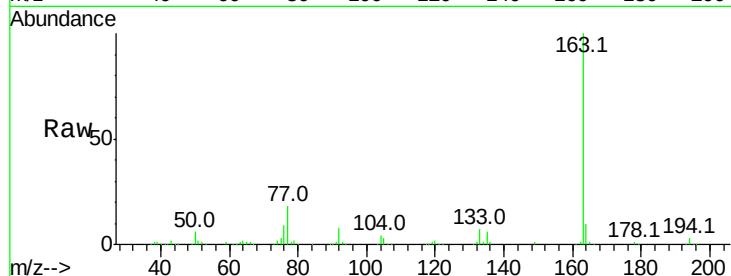




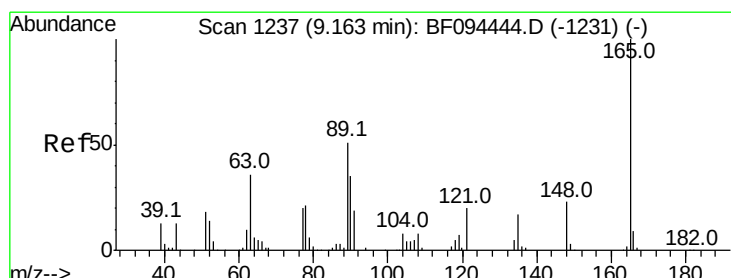
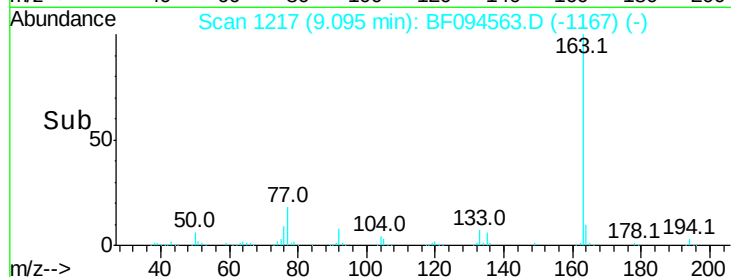
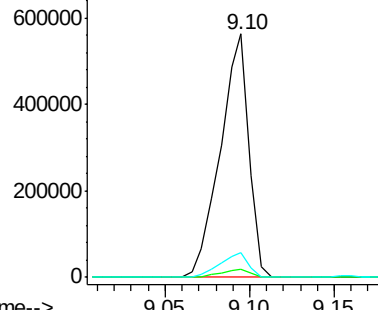
#49
Dimethylphthalate
Concen: 43.99 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 663533
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.1 8.4 12.6

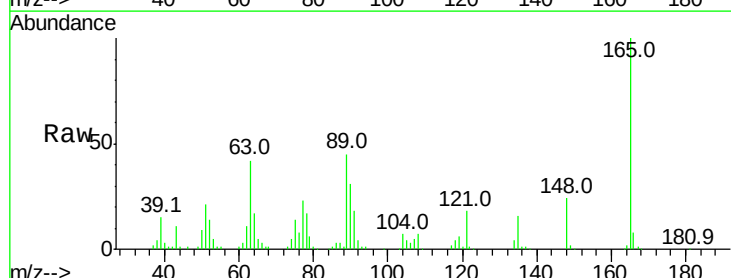


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

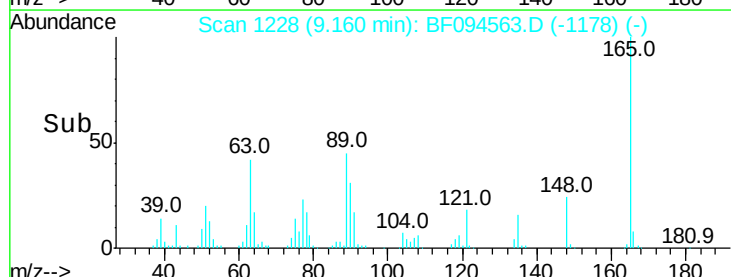
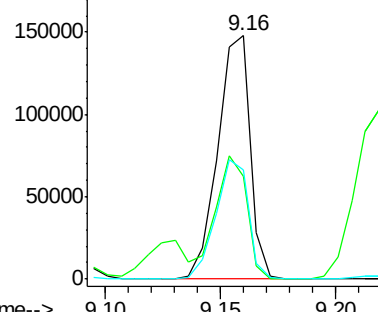


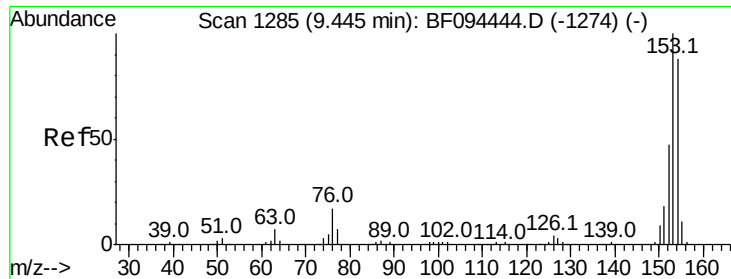
#50
2,6-Dinitrotoluene
Concen: 42.90 ng
RT: 9.16 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion:165 Resp: 145225
Ion Ratio Lower Upper
165 100
63 42.5 34.3 51.5
89 45.0 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: 40.76 ng

RT: 9.43 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

ClientSampleId :

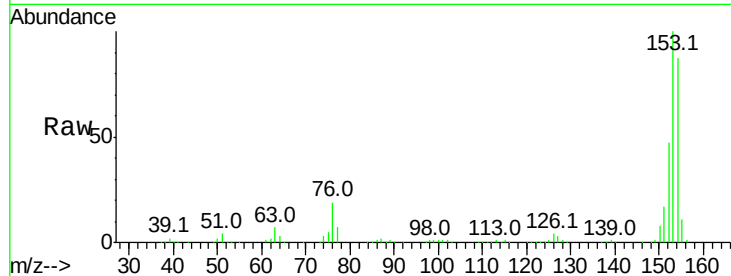
Tot Ion:154 Resp: 500358

Ion Ratio Lower Upper

154 100

153 114.4 90.5 135.7

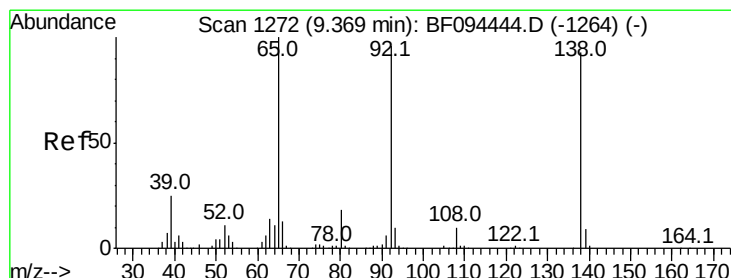
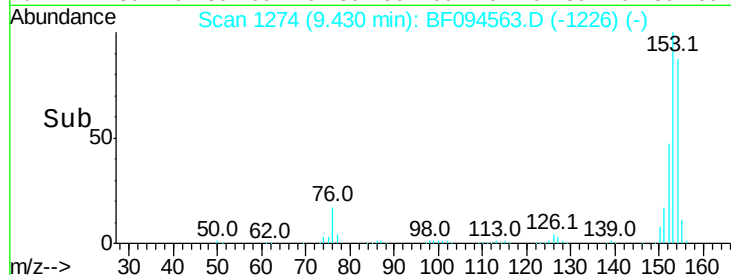
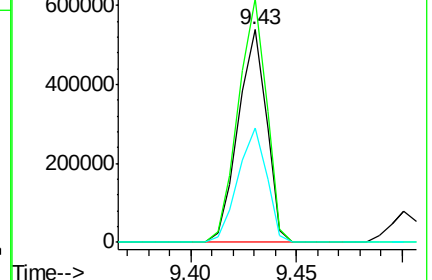
152 53.7 43.6 65.4



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: 17.47 ng

RT: 9.36 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

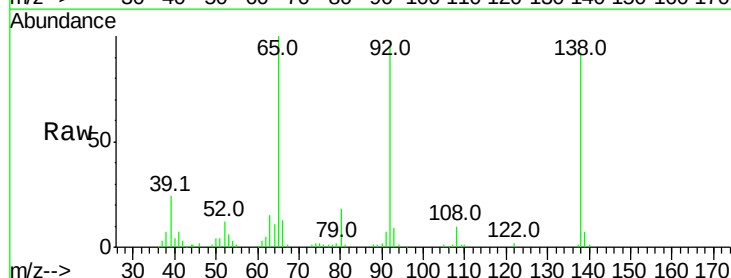
Tgt Ion:138 Resp: 68428

Ion Ratio Lower Upper

138 100

108 10.9 9.1 13.7

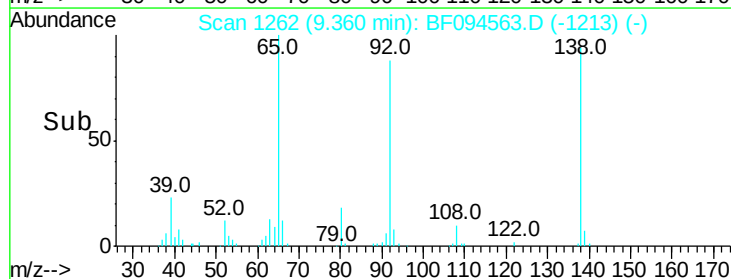
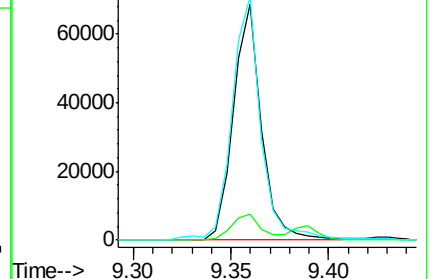
92 103.1 93.8 140.6

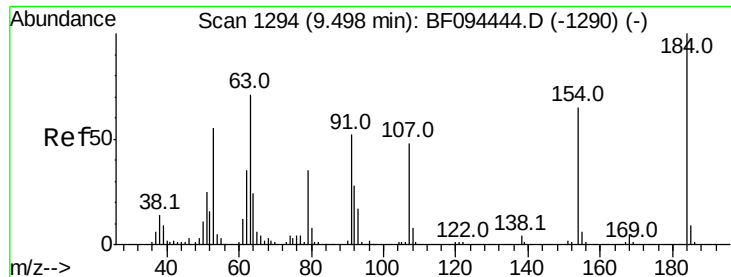


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

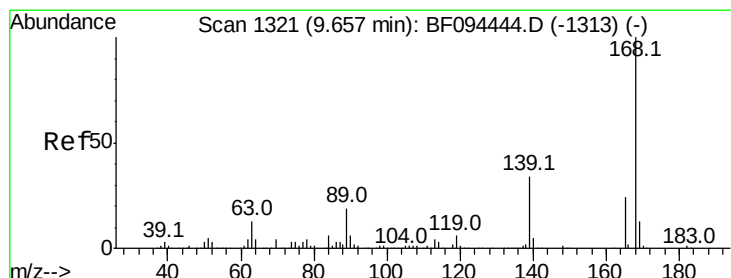
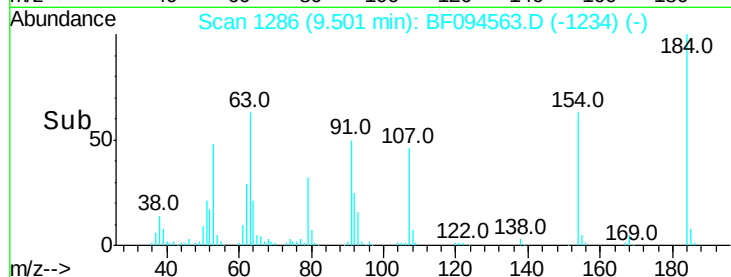
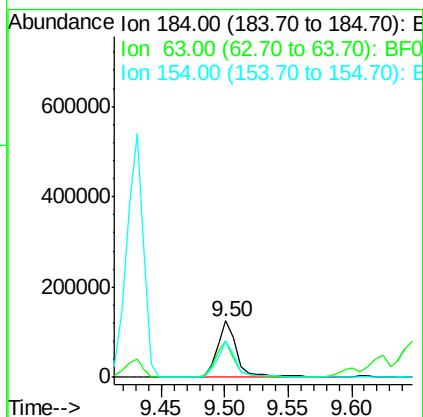
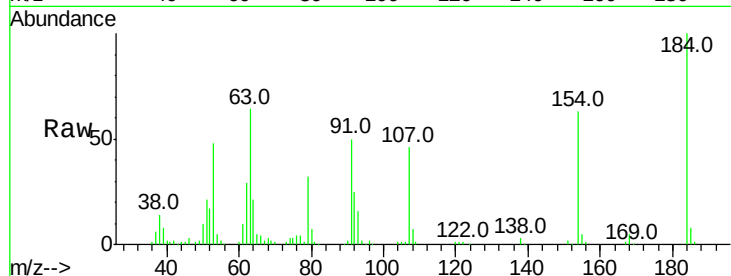




#53
 2,4-Dinitrophenol
 Concen: 75.84 ng
 RT: 9.50 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

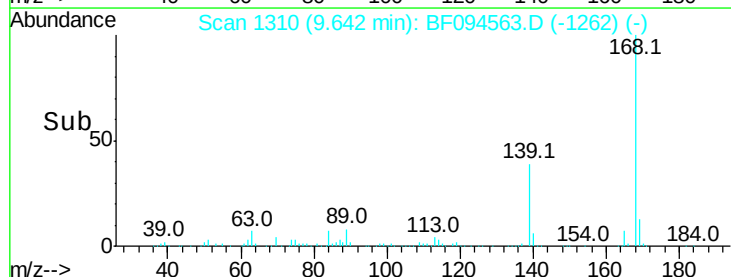
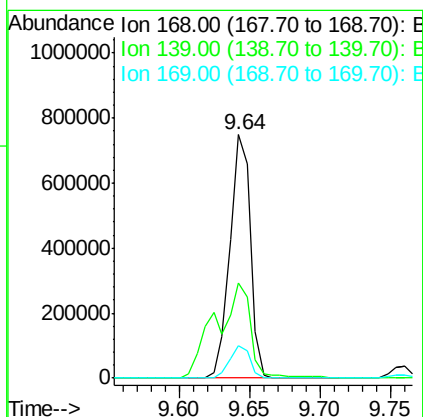
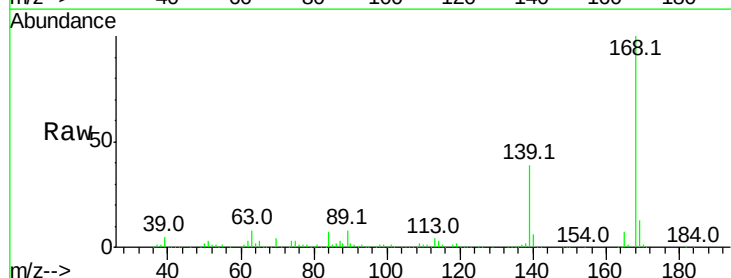
Instrument :
 BNA_F
 ClientSampled :

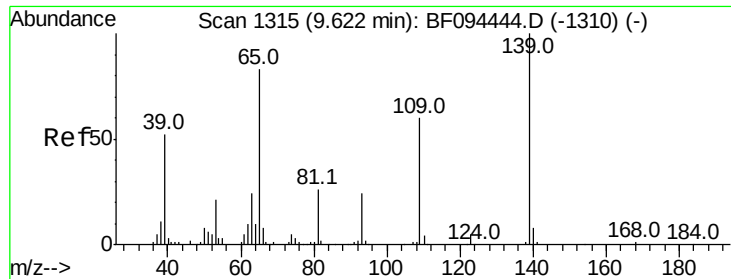
Tot Ion:184 Resp: 138733
 Ion Ratio Lower Upper
 184 100
 63 63.8 62.7 94.1
 154 62.9 81.1 121.7#



#54
 Dibenzofuran
 Concen: 42.25 ng
 RT: 9.64 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion:168 Resp: 753945
 Ion Ratio Lower Upper
 168 100
 139 39.2 30.6 45.8
 169 13.3 10.8 16.2

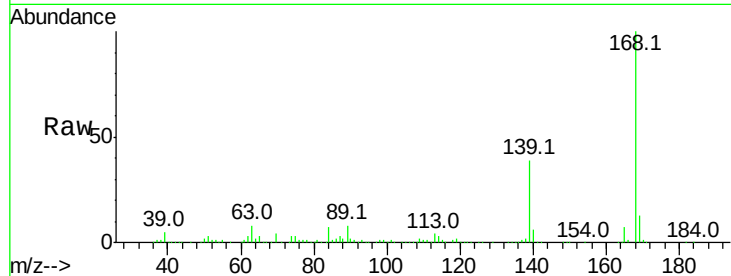




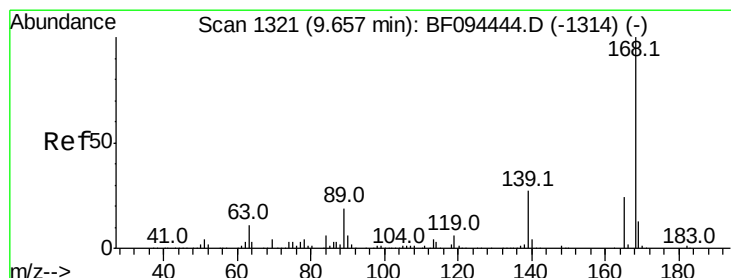
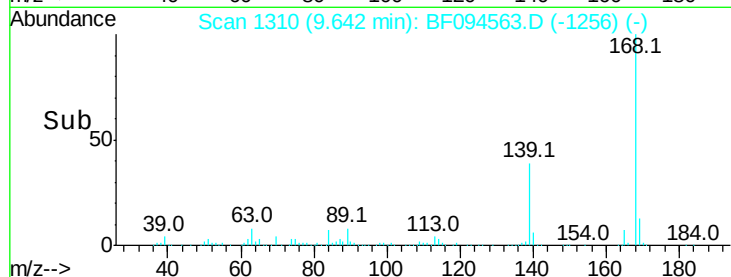
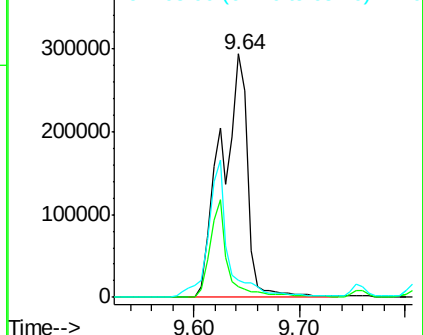
#55
4-Nitrophenol
Concen: 184.72 ng
RT: 9.64 min Scan# 1310
Delta R.T. 0.02 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 511166
Ion Ratio Lower Upper
139 100
109 4.3 34.1 74.1#
65 6.9 31.4 71.4#

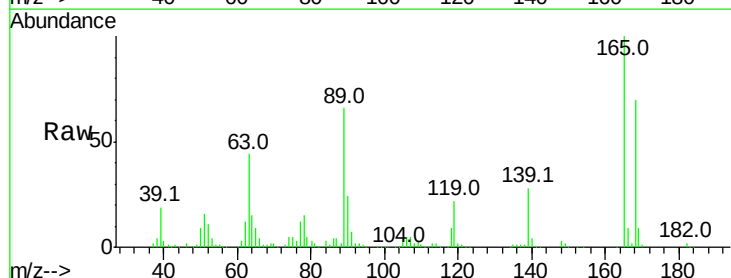


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

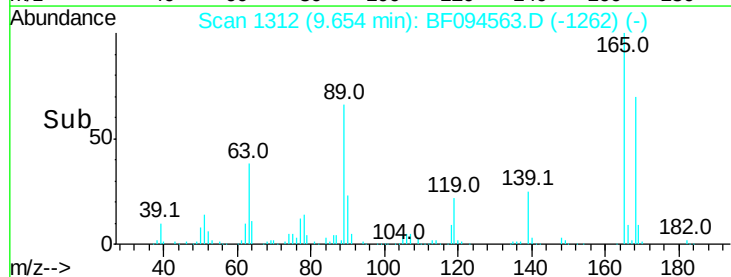
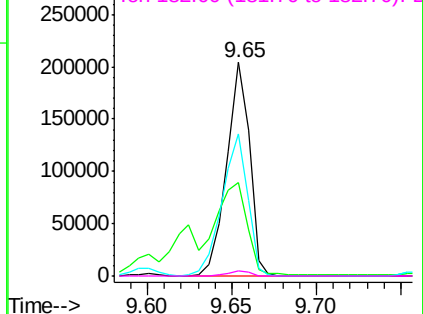


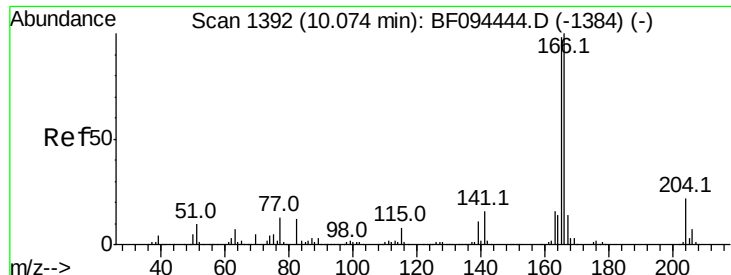
#56
2,4-Dinitrotoluene
Concen: 46.11 ng
RT: 9.65 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion:165 Resp: 191564
Ion Ratio Lower Upper
165 100
63 43.8 25.4 38.0#
89 66.5 46.4 69.6
182 2.3 1.8 2.6



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

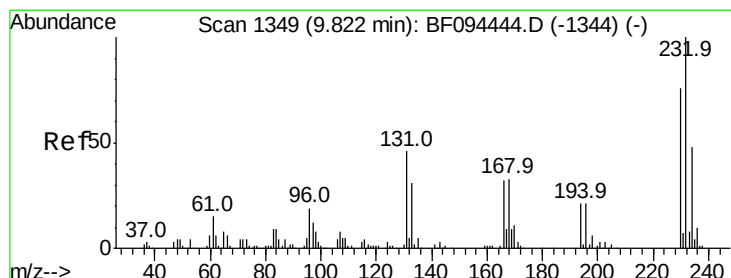
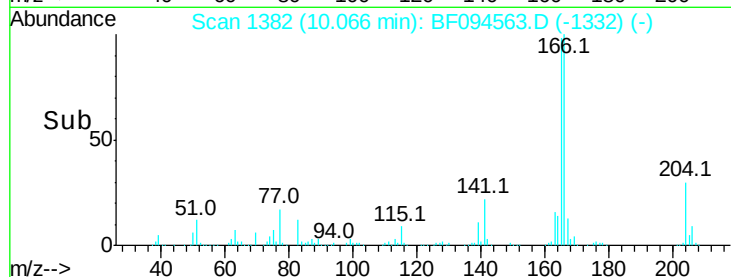
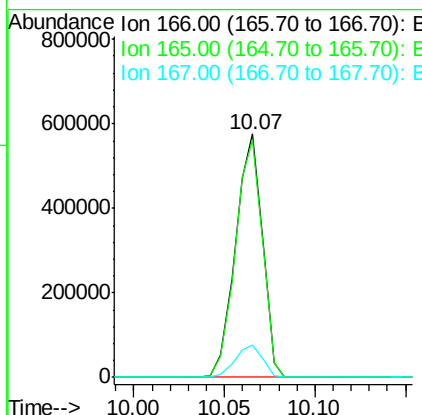
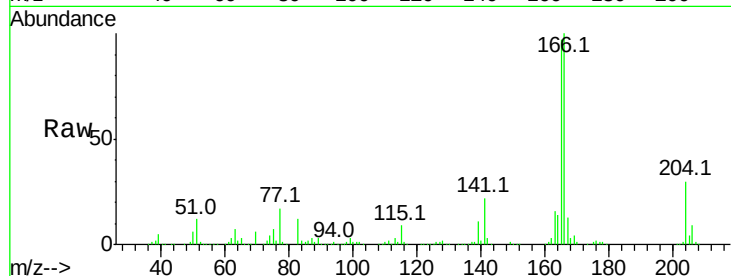




#57
 Fluorene
 Concen: 42.50 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

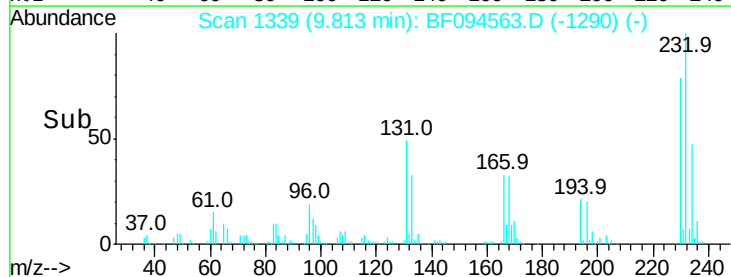
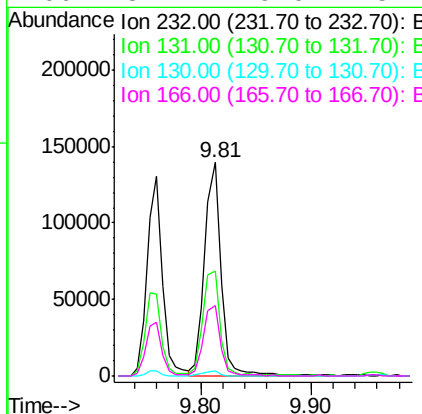
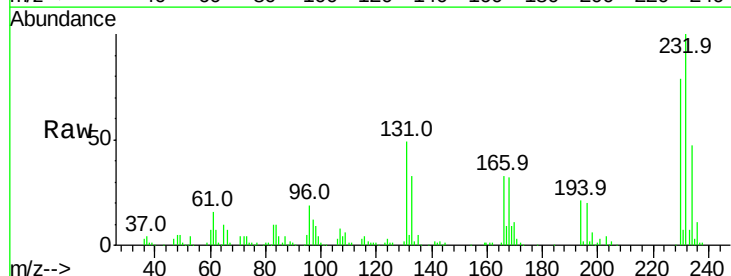
Instrument :
 BNA_F
 ClientSampleId :

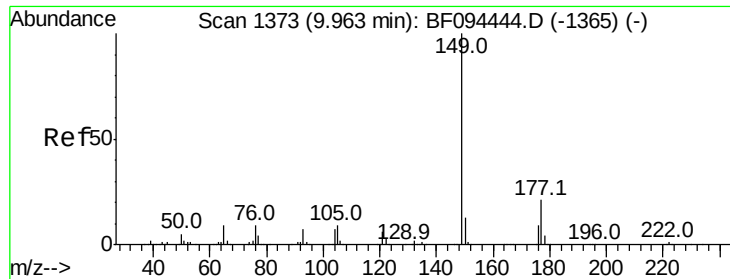
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.8	118.2
167	13.3	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.81 ng
 RT: 9.81 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.8	44.8	67.2
130	2.3	2.3	3.5
166	34.2	29.0	43.4





#59

Diethylphthalate

Concen: 44.73 ng

RT: 9.96 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

ClientSampleId :

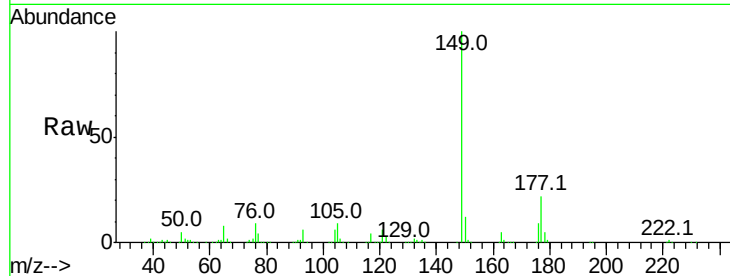
Tot Ion:149 Resp: 636567

Ion Ratio Lower Upper

149 100

177 21.8 16.7 25.1

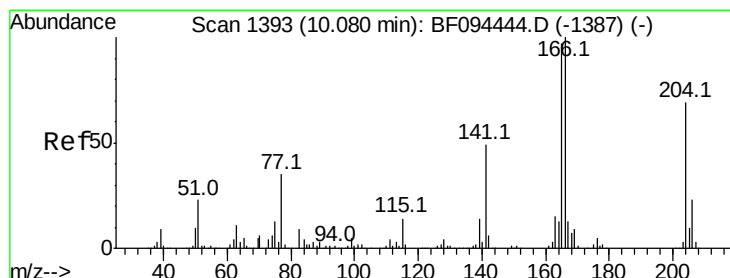
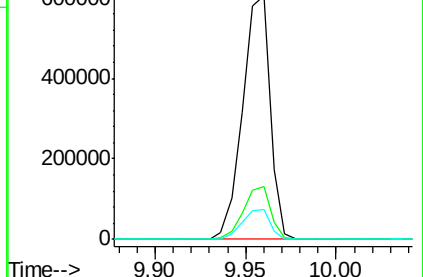
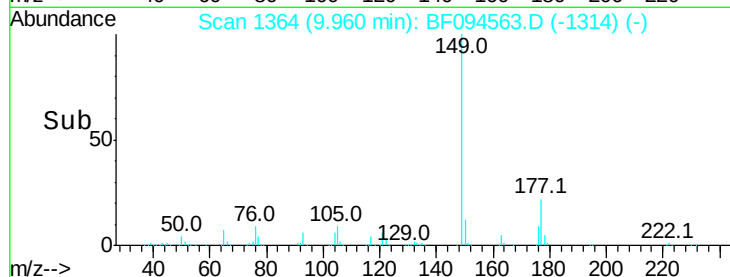
150 12.4 10.2 15.2



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: 43.56 ng

RT: 10.07 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

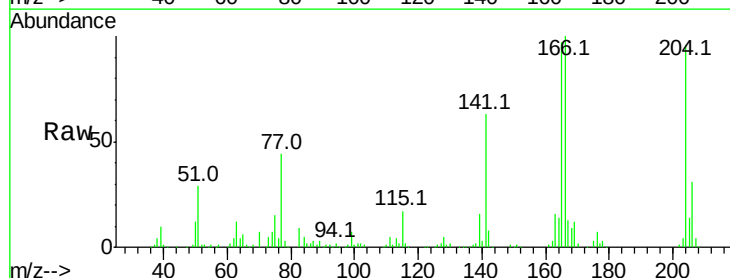
Tgt Ion:204 Resp: 251897

Ion Ratio Lower Upper

204 100

206 32.7 26.2 39.2

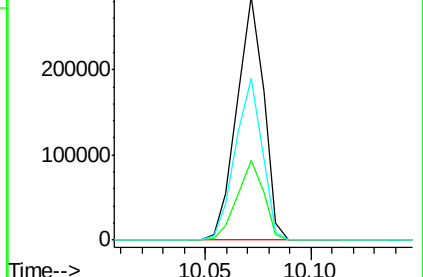
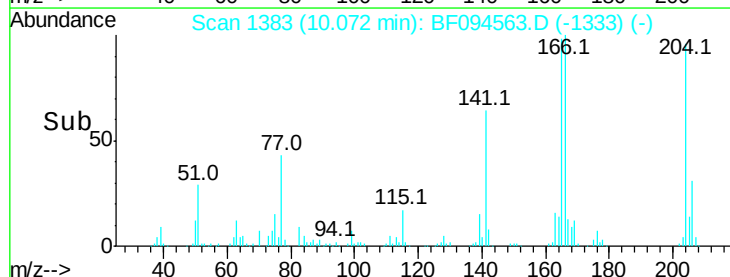
141 66.4 60.8 91.2

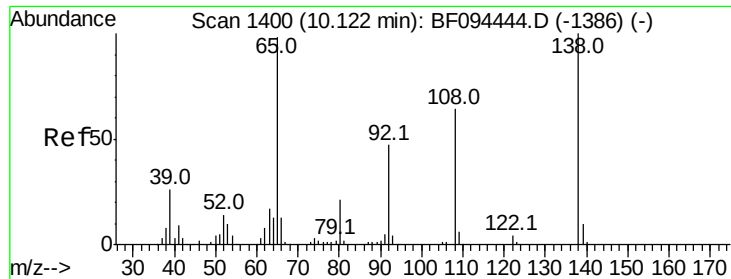


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

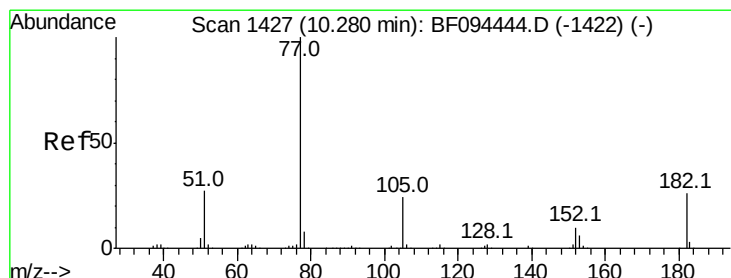
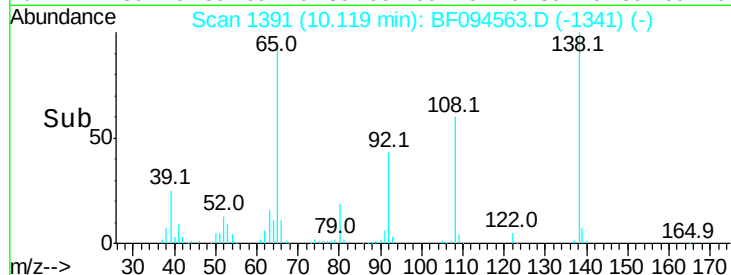
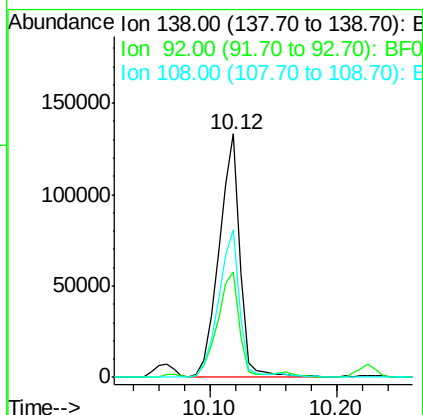
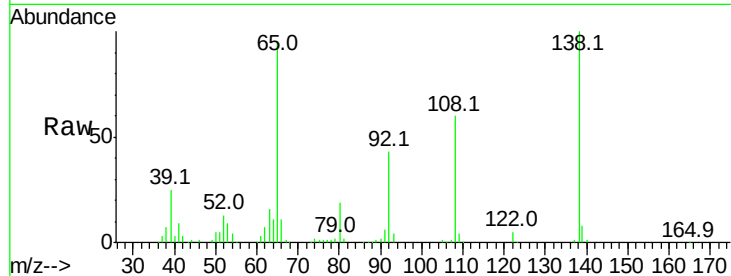




#61
4-Nitroaniline
Concen: 38.75 ng
RT: 10.12 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

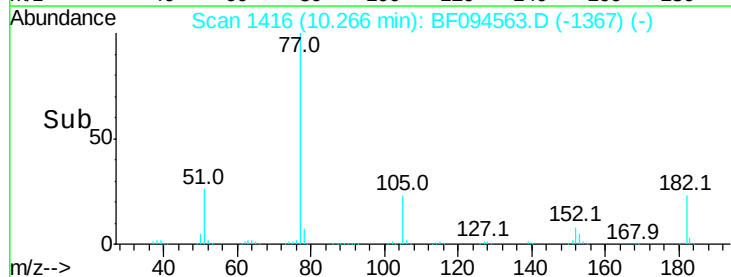
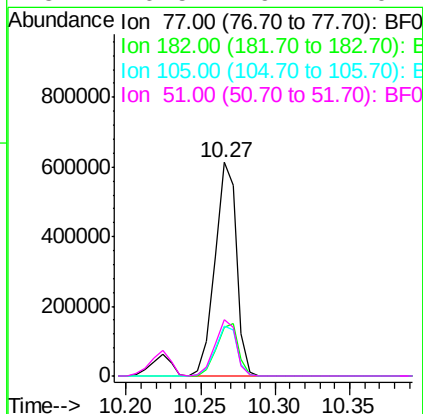
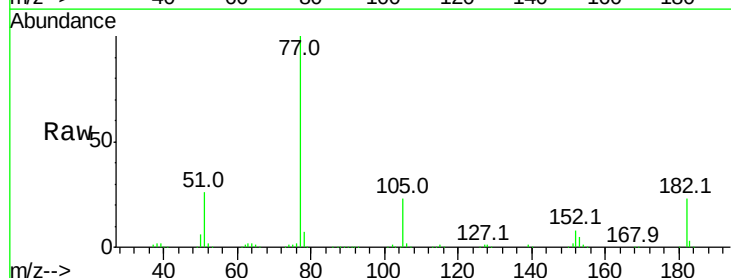
Instrument :
BNA_F
ClientSampled :

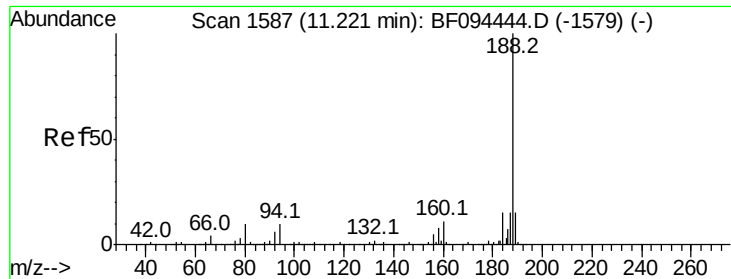
Tot Ion:138 Resp: 154286
Ion Ratio Lower Upper
138 100
92 43.4 21.8 61.8
108 60.5 42.3 82.3



#62
Azobenzene
Concen: 44.71 ng
RT: 10.27 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion: 77 Resp: 617816
Ion Ratio Lower Upper
77 100
182 22.9 0.1 40.1
105 23.4 3.6 43.6
51 26.5 9.4 49.4

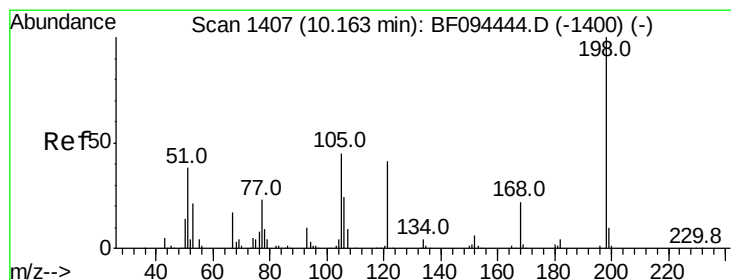
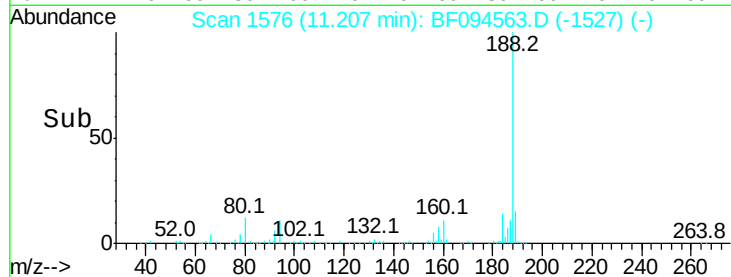
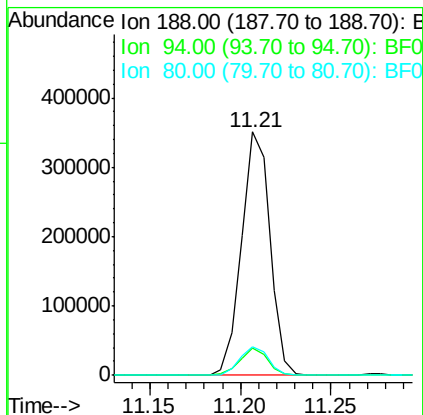
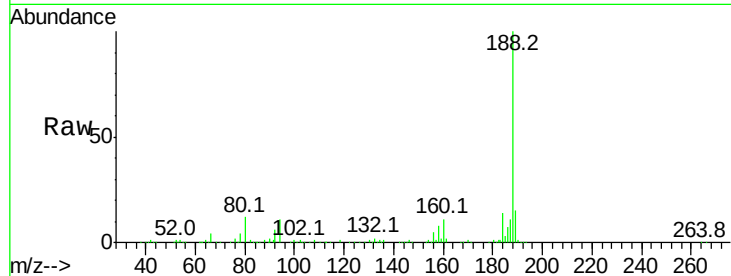




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

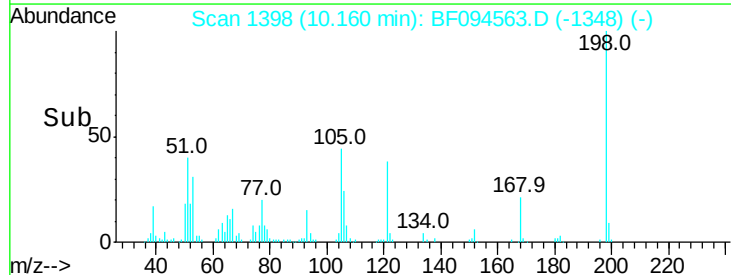
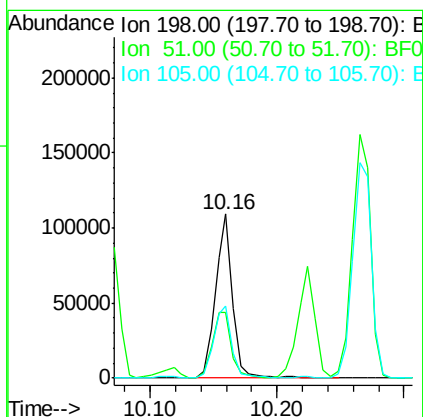
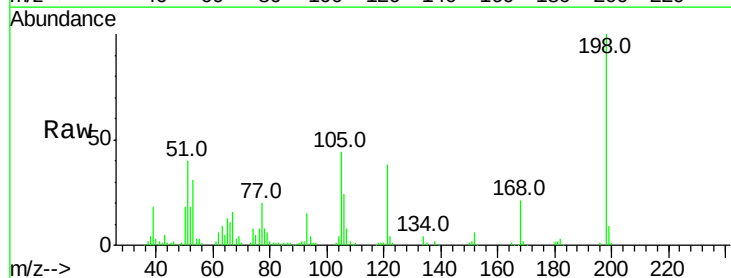
Instrument :
BNA_F
ClientSampleId :

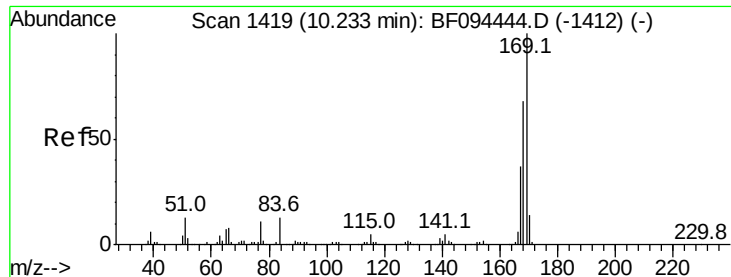
Tot Ion:188 Resp: 382688
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.8 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 41.35 ng
RT: 10.16 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion:198 Resp: 103681
Ion Ratio Lower Upper
198 100
51 39.7 53.2 93.2#
105 44.2 45.8 85.8#

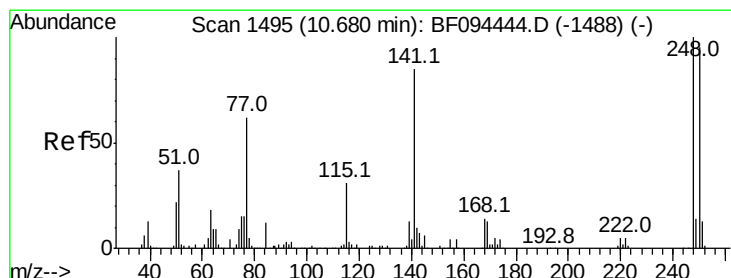
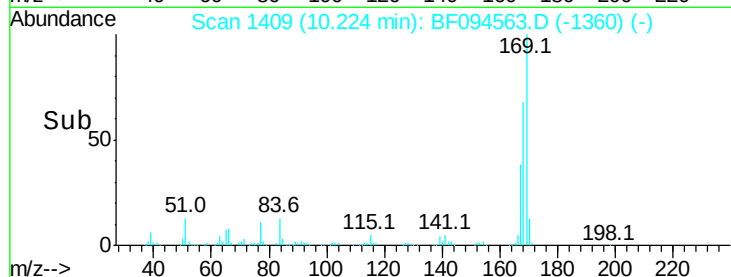
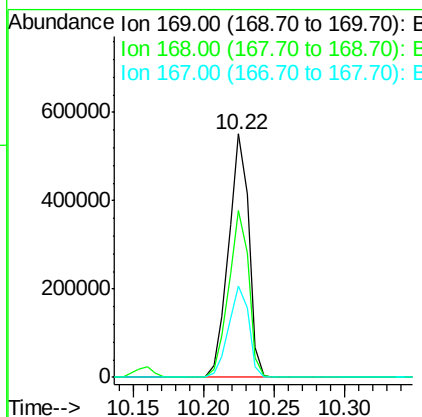
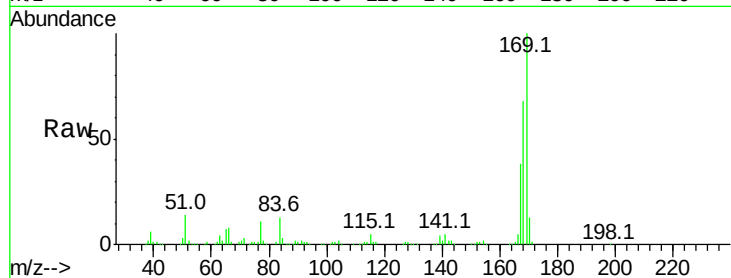




#65
 n-Nitrosodiphenylamine
 Concen: 41.24 ng
 RT: 10.22 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

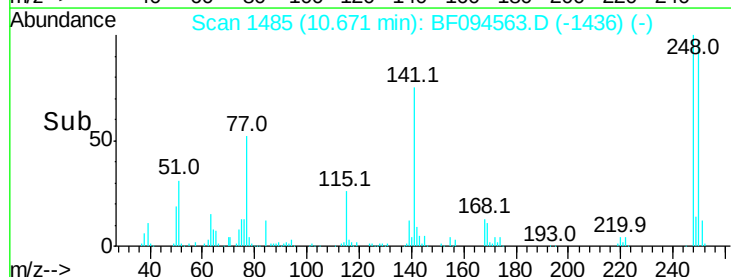
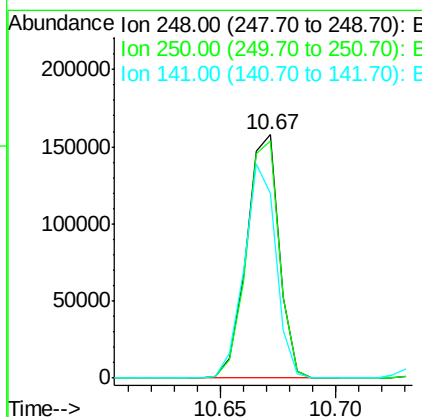
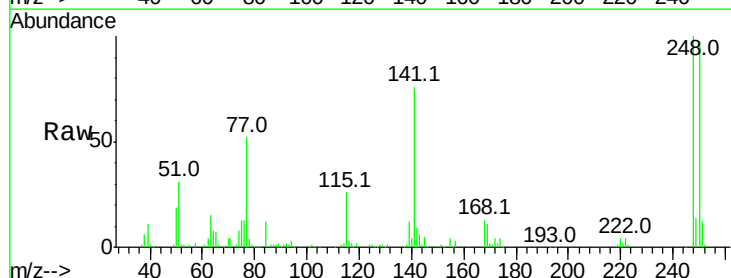
Instrument :
 BNA_F
 ClientSampleId :

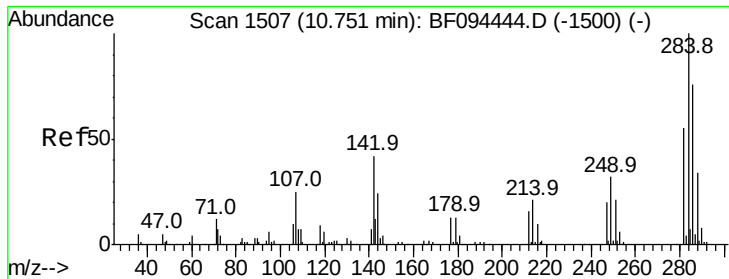
Tot Ion:169 Resp: 548898
 Ion Ratio Lower Upper
 169 100
 168 68.4 53.2 79.8
 167 37.6 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 40.99 ng
 RT: 10.67 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion:248 Resp: 155751
 Ion Ratio Lower Upper
 248 100
 250 97.4 76.8 115.2
 141 75.9 68.6 103.0





#67

Hexachlorobenzene

Concen: 40.53 ng

RT: 10.74 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

ClientSampleId :

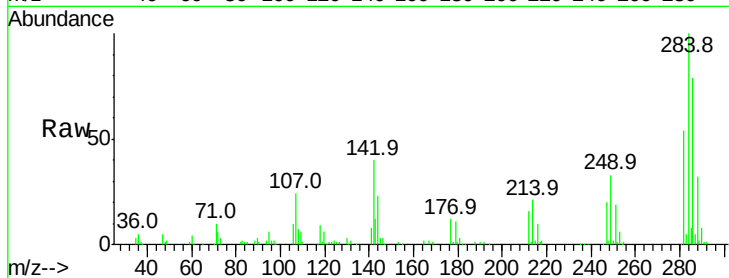
Tot Ion:284 Resp: 155212

Ion Ratio Lower Upper

284 100

142 40.2 22.8 34.2#

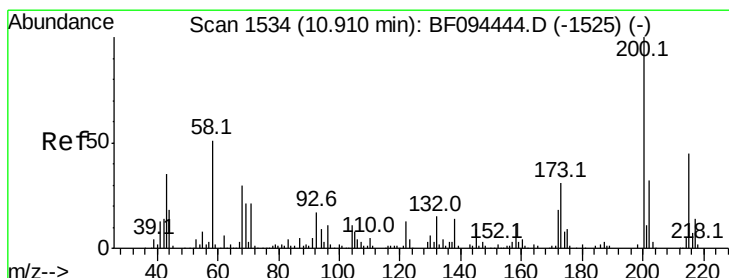
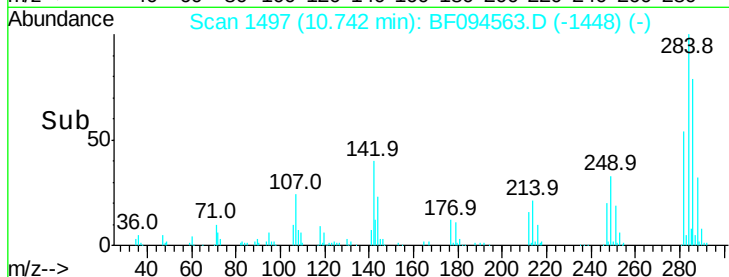
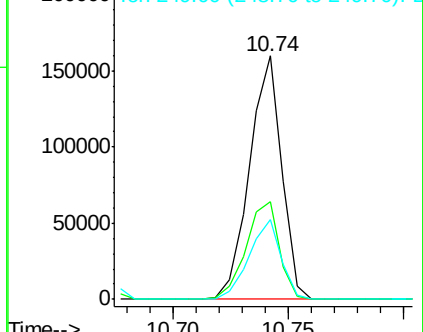
249 32.7 24.0 36.0



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: 43.67 ng

RT: 10.90 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

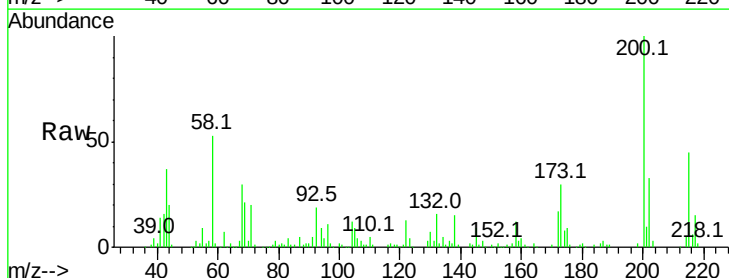
Tgt Ion:200 Resp: 173864

Ion Ratio Lower Upper

200 100

173 29.6 6.3 46.3

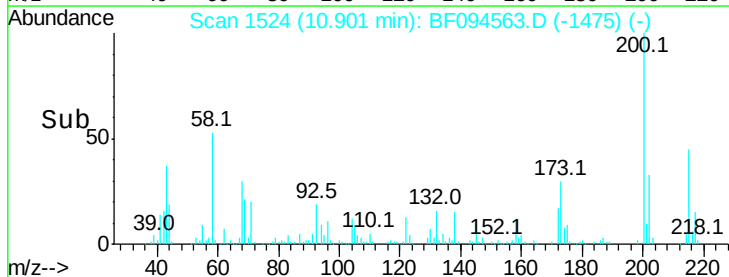
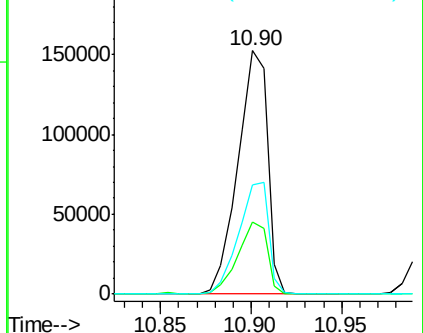
215 44.7 27.2 67.2

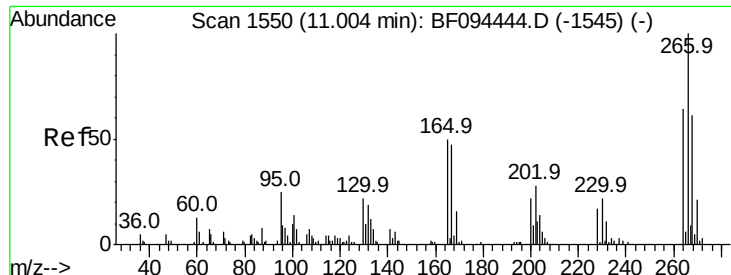


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

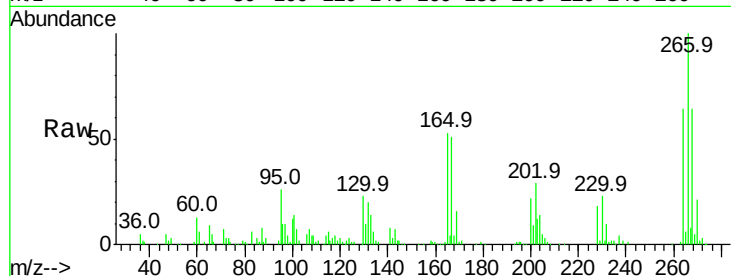




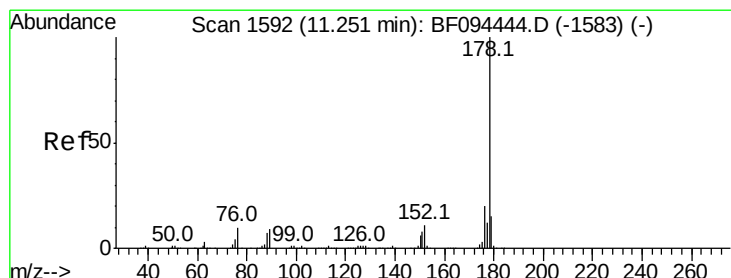
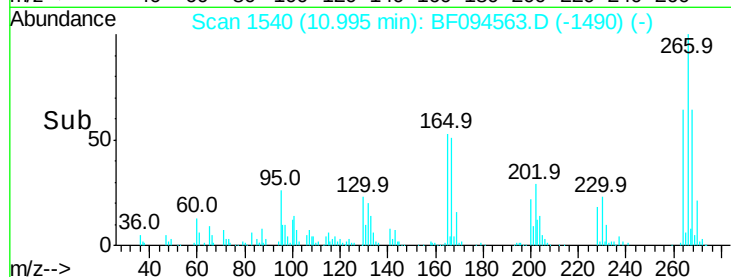
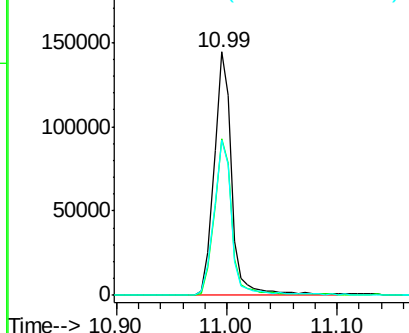
#69
 Pentachlorophenol
 Concen: 104.68 ng
 RT: 10.99 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.1	76.7
264	63.8	51.7	77.5

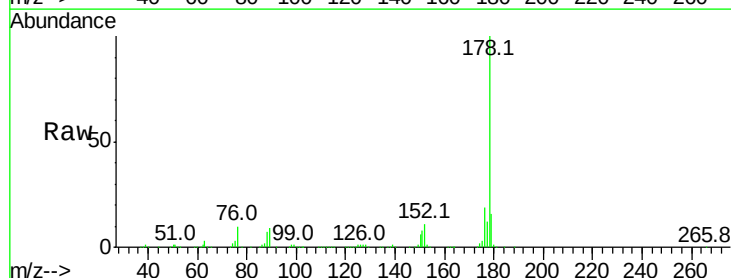


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

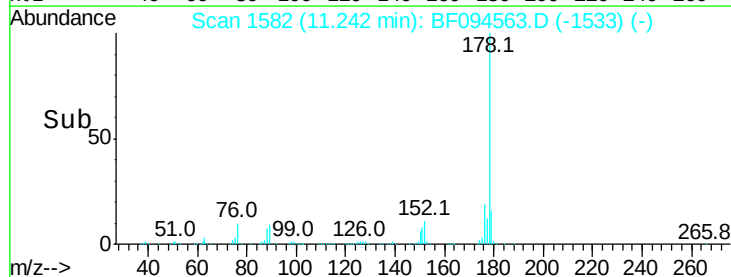
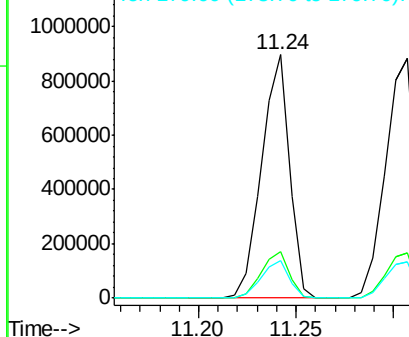


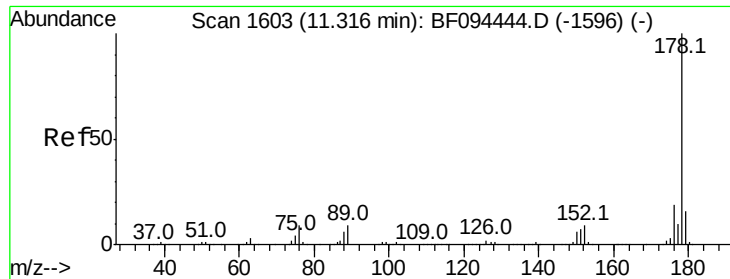
#70
 Phenanthrene
 Concen: 41.20 ng
 RT: 11.24 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.5	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

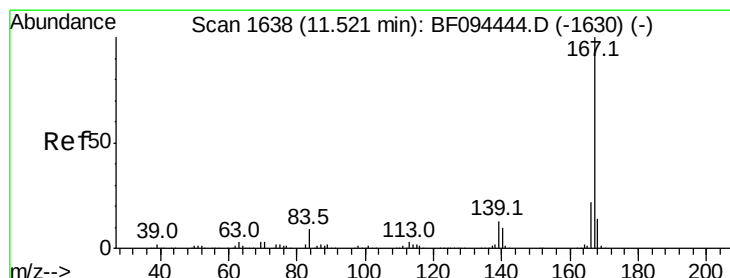
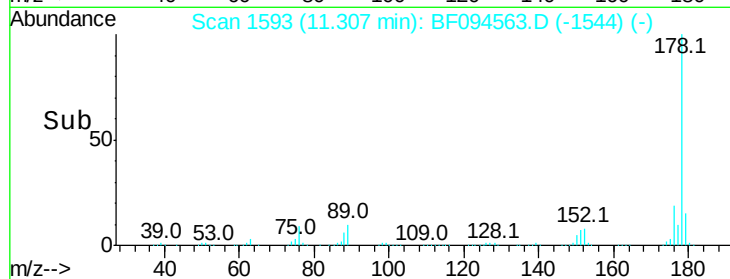
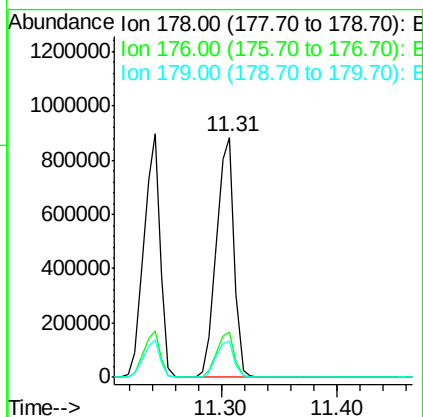
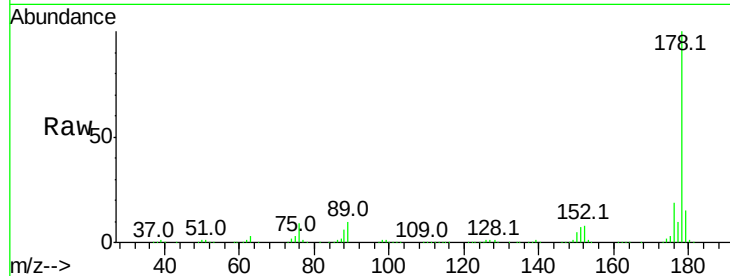




#71
 Anthracene
 Concen: 41.98 ng
 RT: 11.31 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

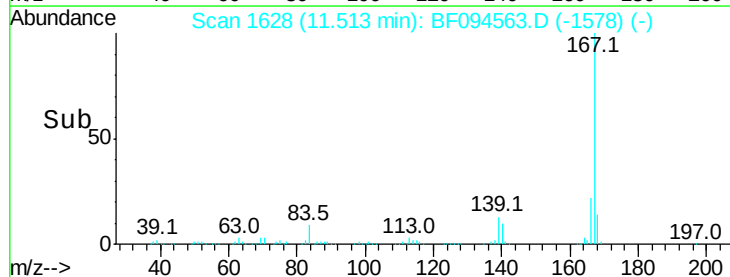
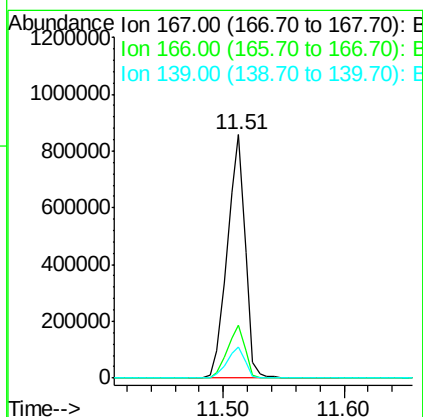
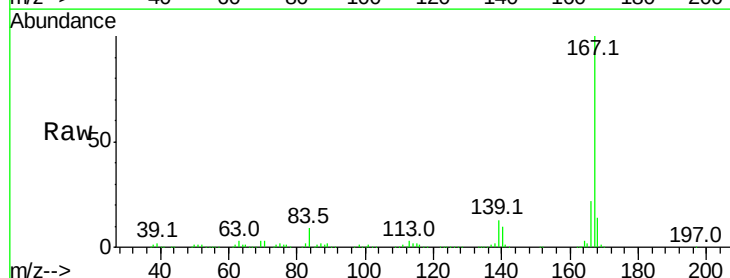
Instrument :
 BNA_F
 ClientSampleId :

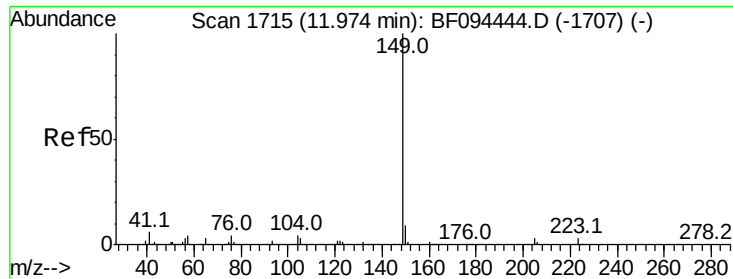
Tot Ion:178 Resp: 935839
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.0 12.7 19.1



#72
 Carbazole
 Concen: 42.09 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion:167 Resp: 880548
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 12.8 11.7 17.5





#73

Di-n-butylphthalate

Concen: 46.70 ng

RT: 11.97 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

ClientSampleId :

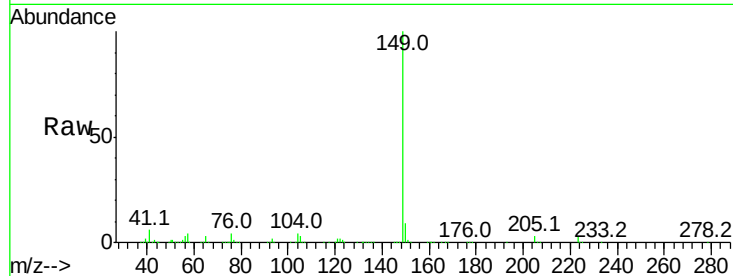
Tot Ion:149 Resp: 1075797

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

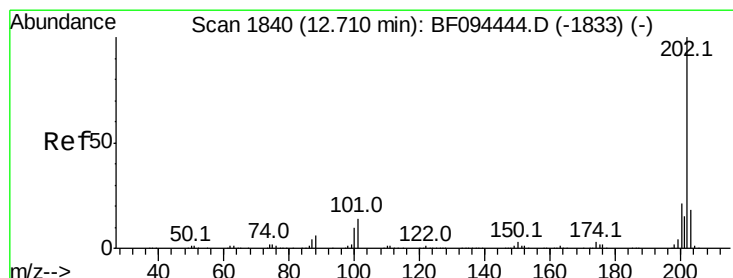
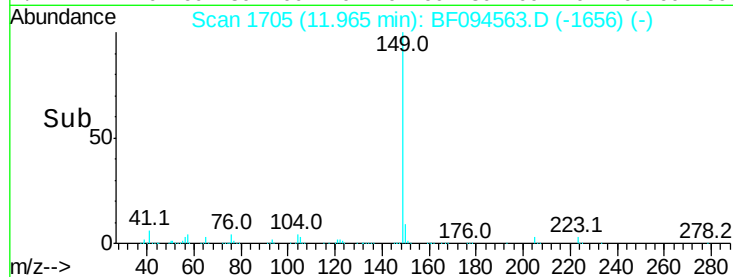
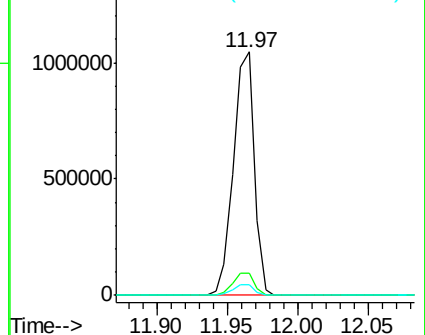
104 4.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.87 ng

RT: 12.70 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

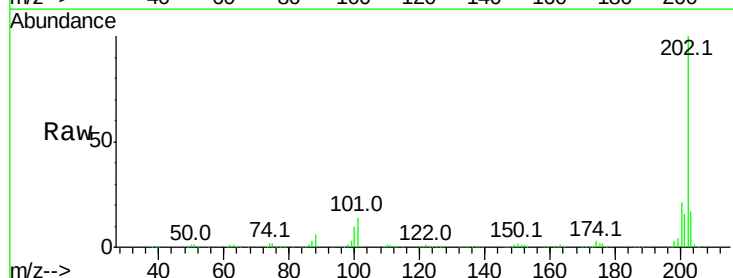
Tgt Ion:202 Resp: 957408

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.2

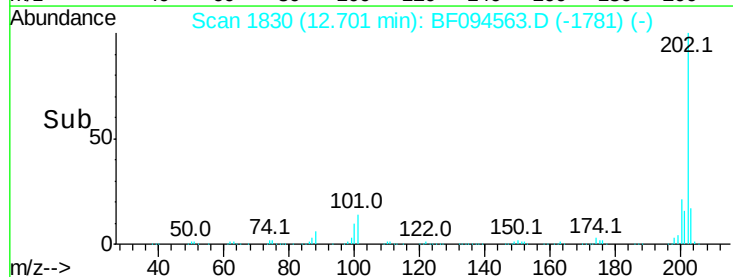
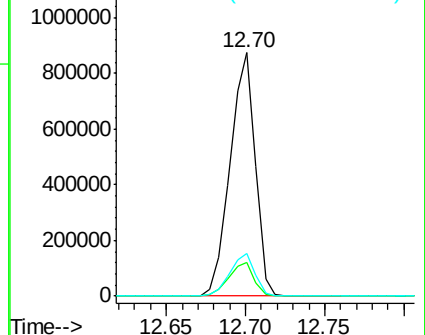
203 17.3 0.0 38.1

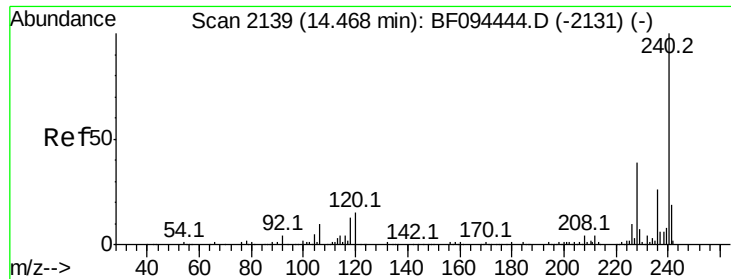


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

ClientSampleId :

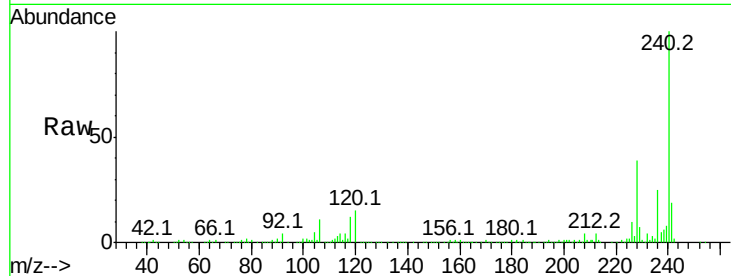
Tot Ion:240 Resp: 331633

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

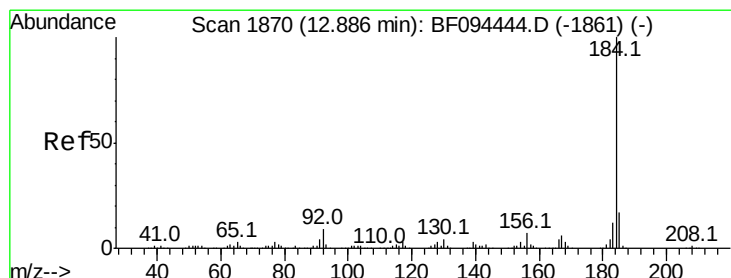
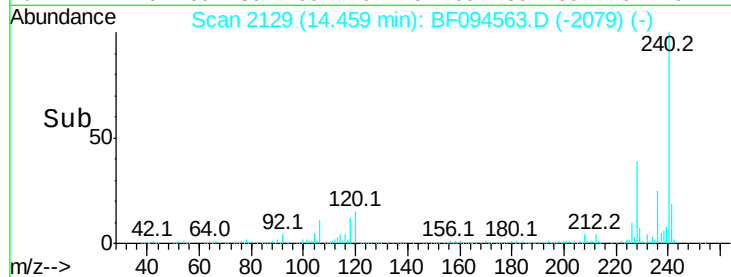
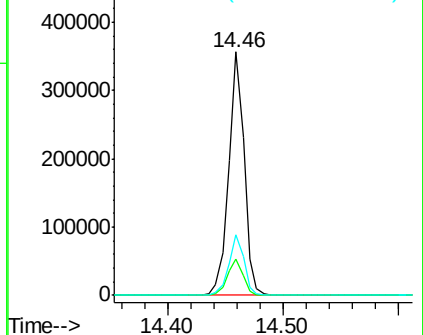
236 24.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.56 ng

RT: 12.88 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

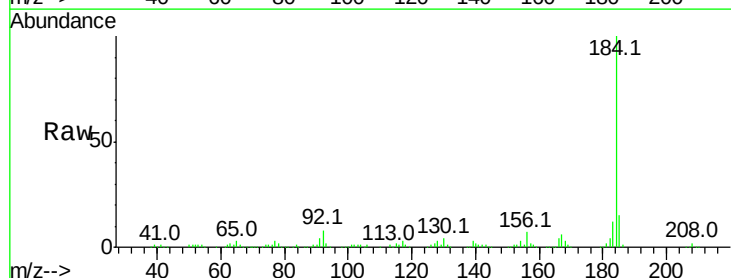
Tgt Ion:184 Resp: 383498

Ion Ratio Lower Upper

184 100

185 15.5 15.5 23.3#

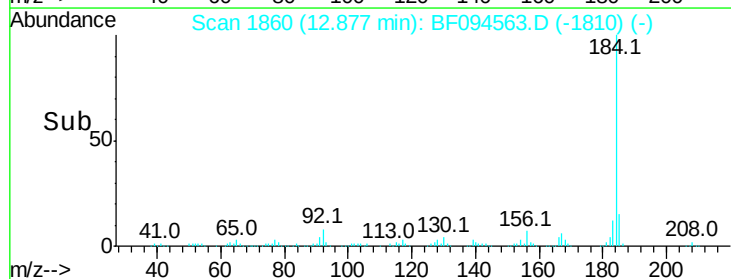
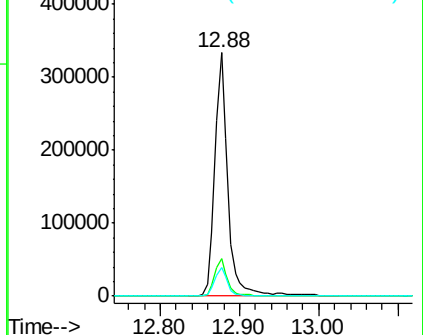
183 11.9 9.8 14.6

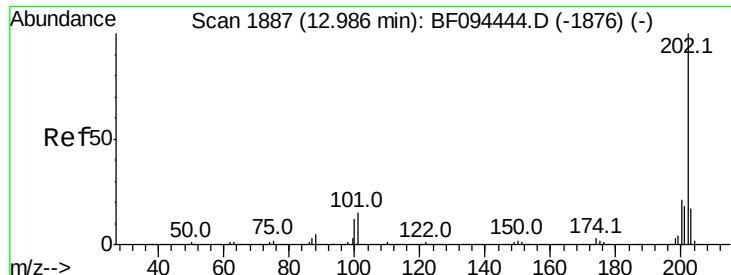


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

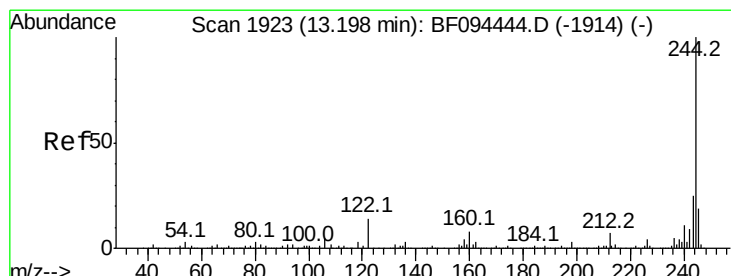
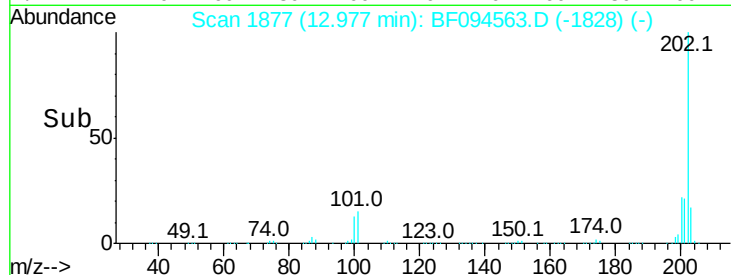
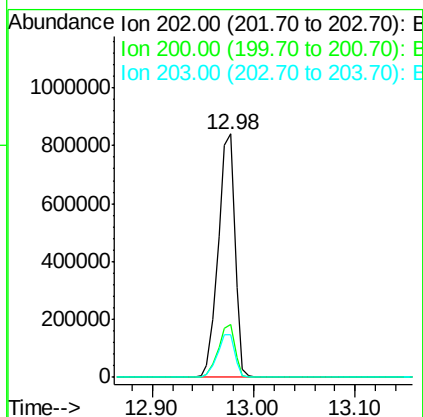
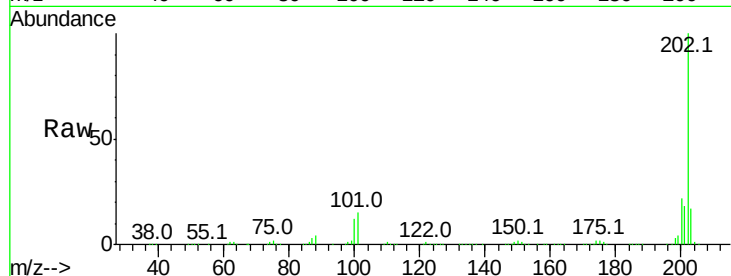




#77
Pvrene
Concen: 41.57 ng
RT: 12.98 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

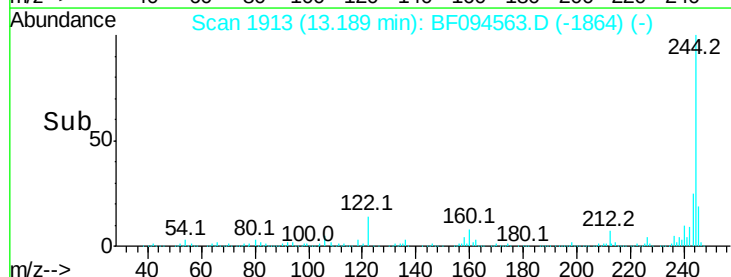
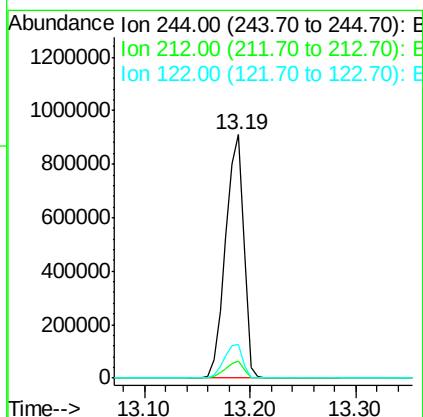
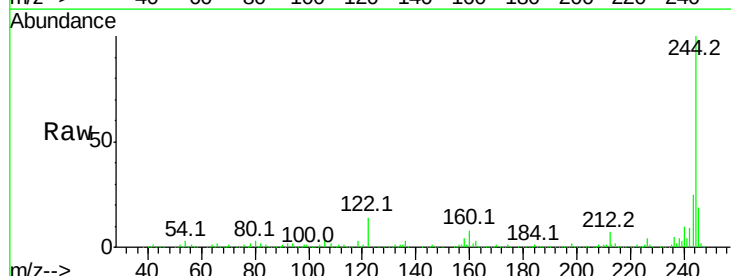
Instrument :
BNA_F
ClientSampled :

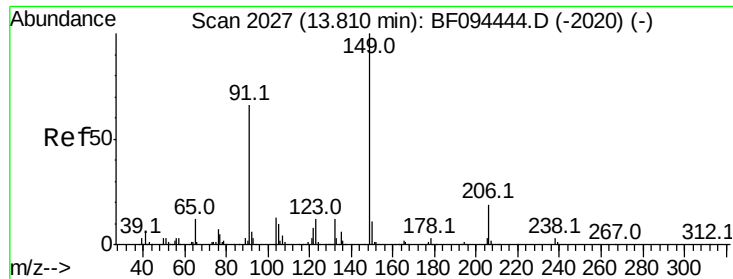
Tot Ion:202 Resp: 963061
Ion Ratio Lower Upper
202 100
200 21.8 17.6 26.4
203 17.3 14.4 21.6



#78
Terphenyl-d14
Concen: 87.79 ng
RT: 13.19 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion:244 Resp: 1089229
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 13.7 10.3 15.5

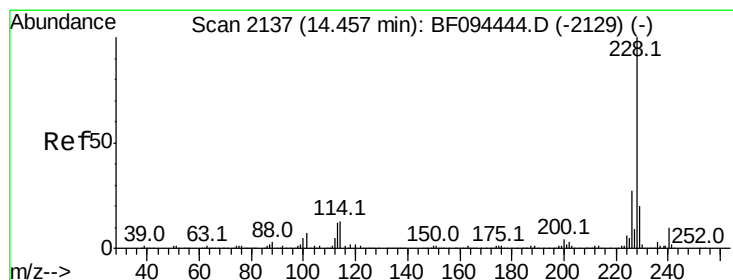
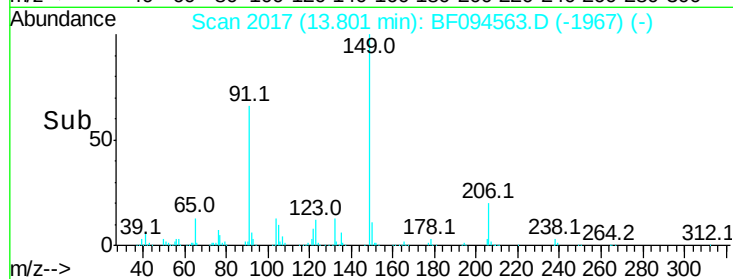
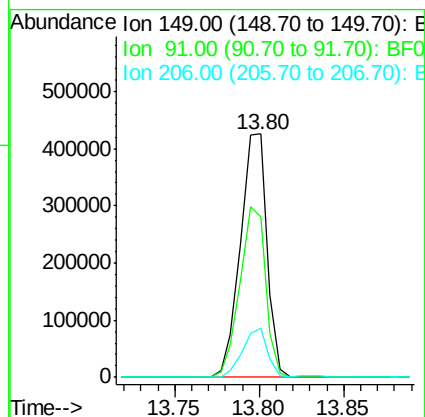
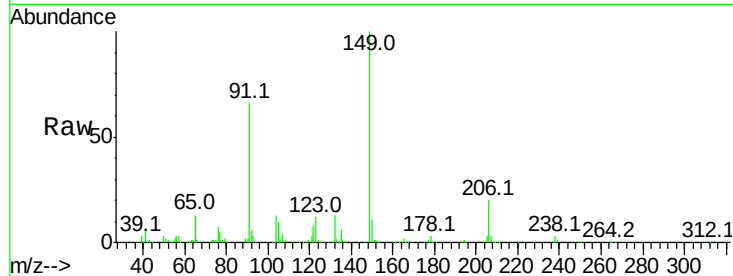




#79
Butylbenzylphthalate
Concen: 46.34 ng
RT: 13.80 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

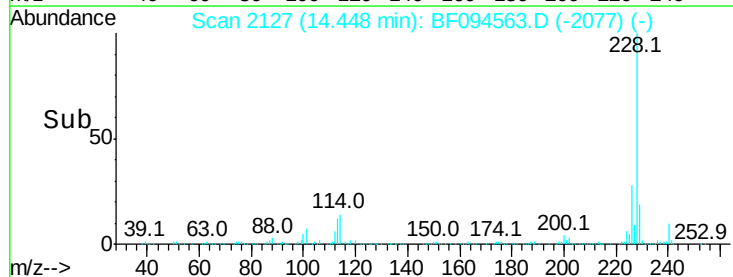
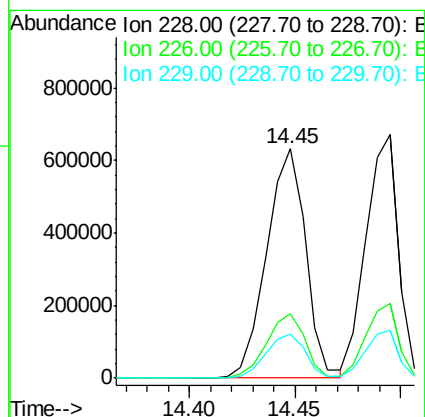
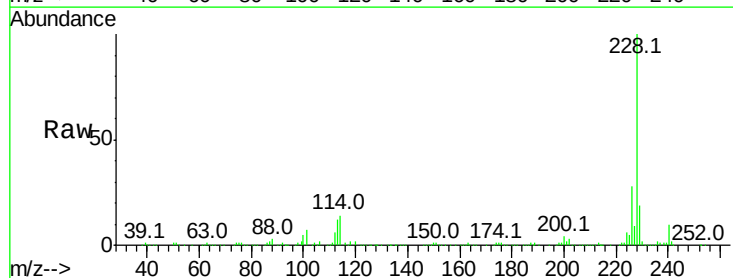
Instrument :
BNA_F
ClientSampleId :

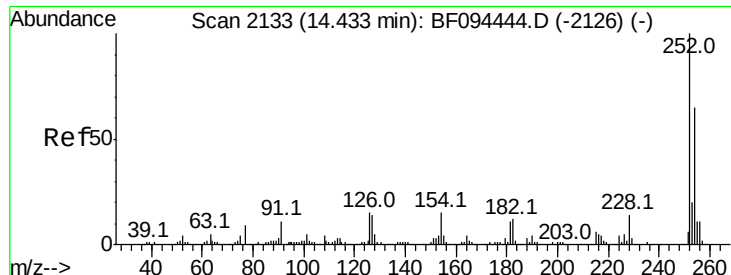
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.1	45.0	67.4
206	20.2	17.0	25.6



#80
Benzo(a)anthracene
Concen: 42.11 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	19.4	16.3	24.5

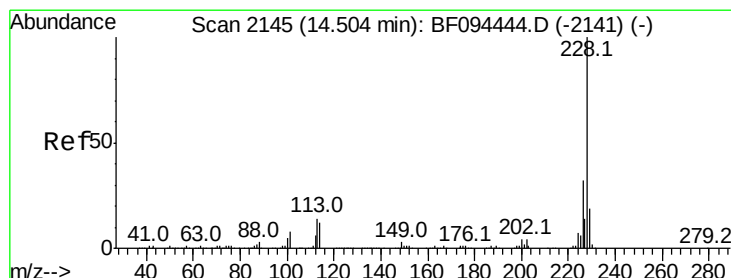
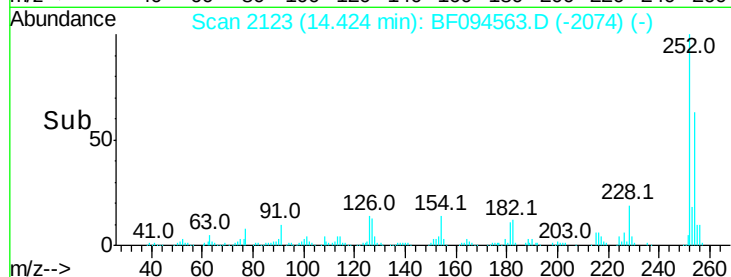
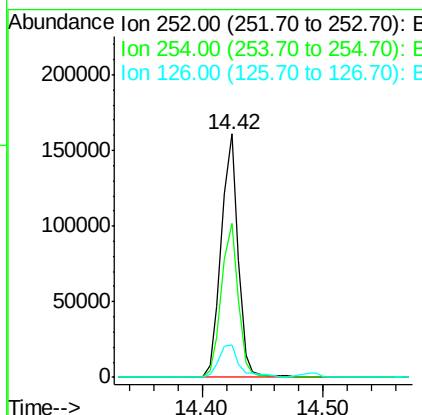
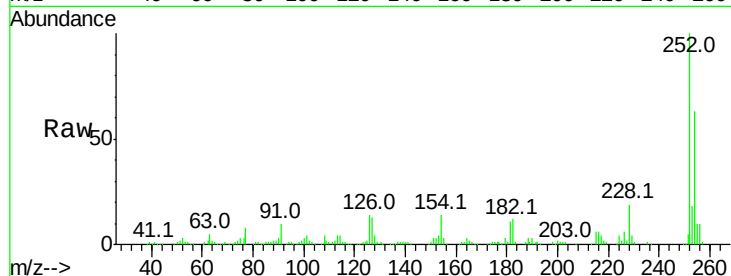




#81
 3,3'-Dichlorobenzidine
 Concen: 22.84 ng
 RT: 14.42 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

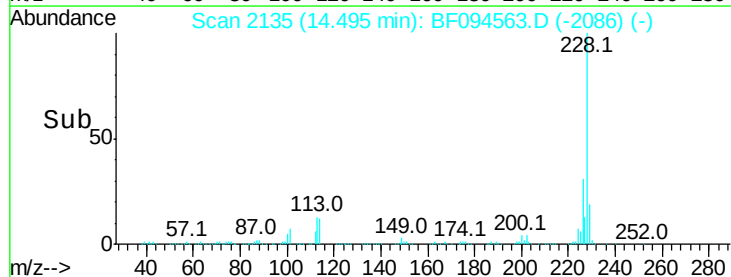
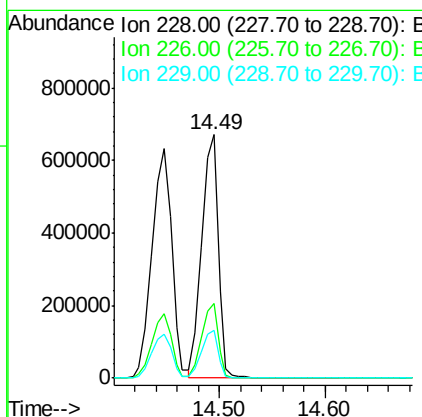
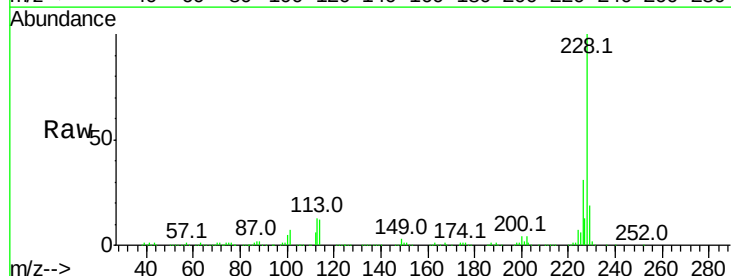
Instrument :
 BNA_F
 ClientSampleId :

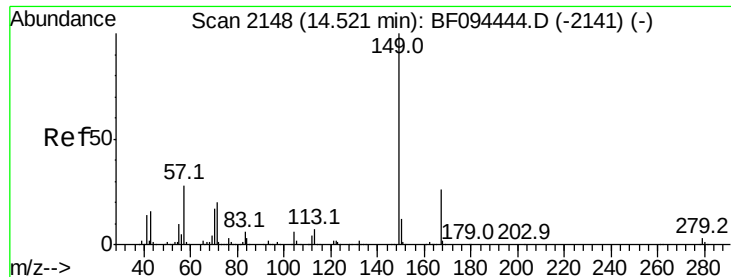
Tot Ion:252 Resp: 155854
 Ion Ratio Lower Upper
 252 100
 254 63.2 51.5 77.3
 126 13.6 15.8 23.8#



#82
 Chrysene
 Concen: 41.18 ng
 RT: 14.49 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BF094563.D
 Acq: 21 Apr 2017 15:31

Tgt Ion:228 Resp: 725433
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 19.4 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.71 ng

RT: 14.51 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

ClientSampleId :

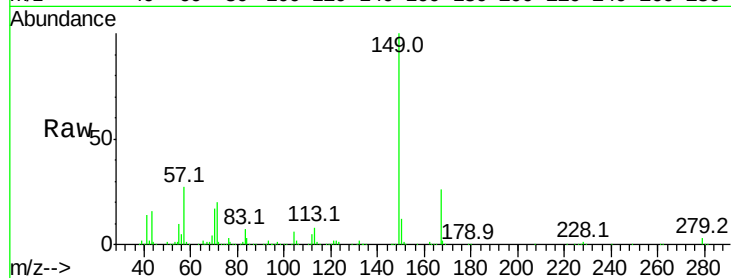
Tot Ion:149 Resp: 677753

Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

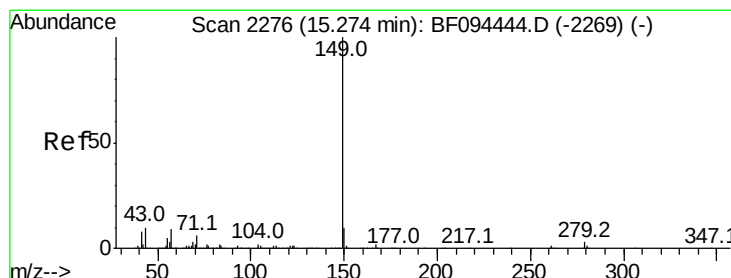
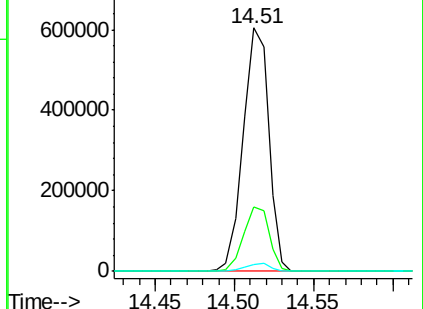
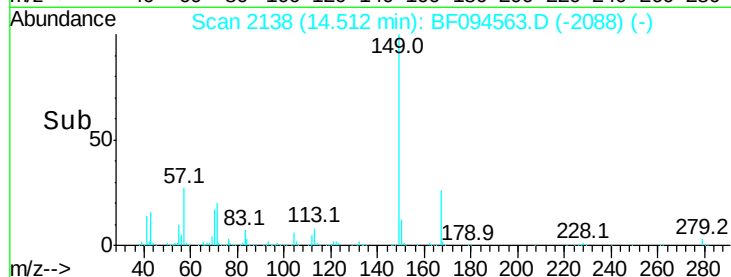
279 3.0 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.22 ng

RT: 15.27 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

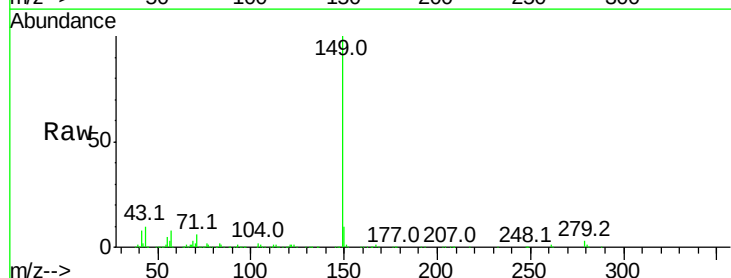
Tgt Ion:149 Resp: 1125685

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

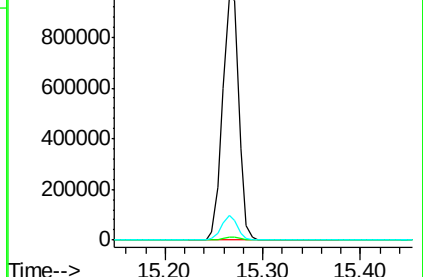
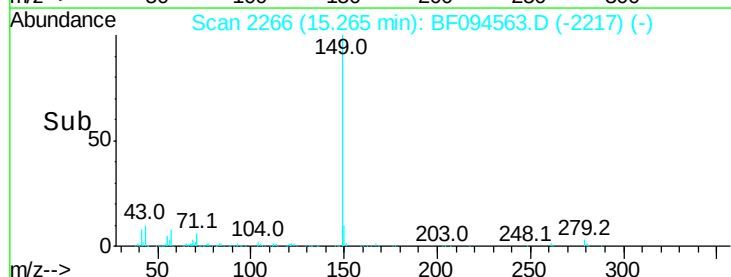
43 9.4 8.5 12.7

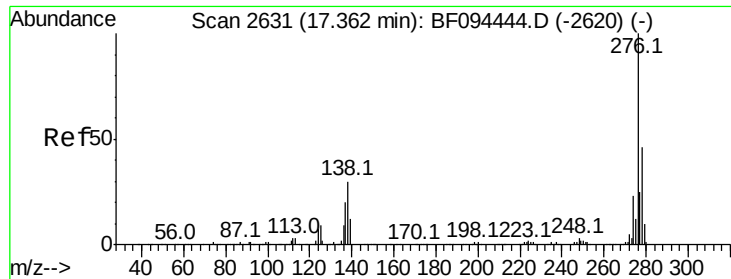


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

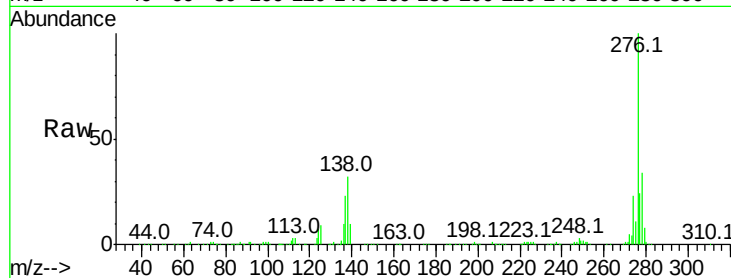




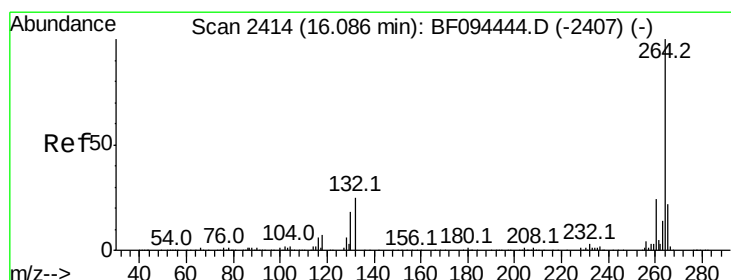
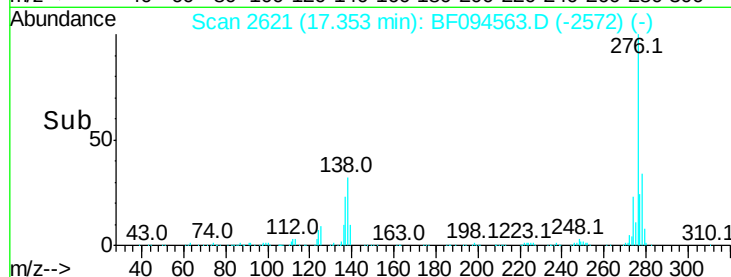
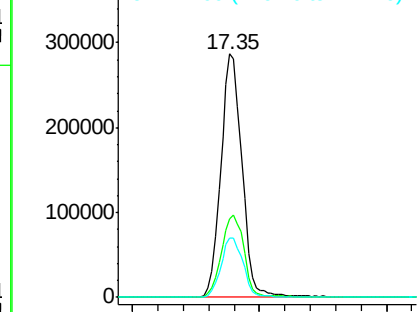
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.20 ng
RT: 17.35 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.8	27.8	41.6
277	25.5	20.2	30.4

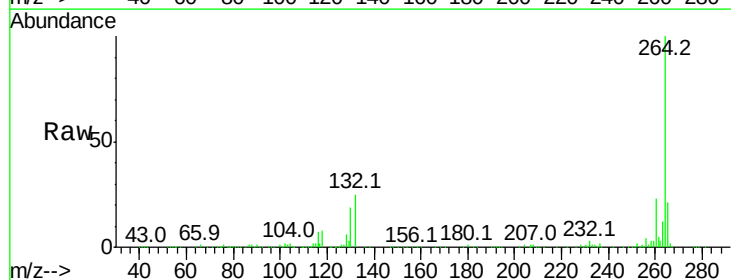


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

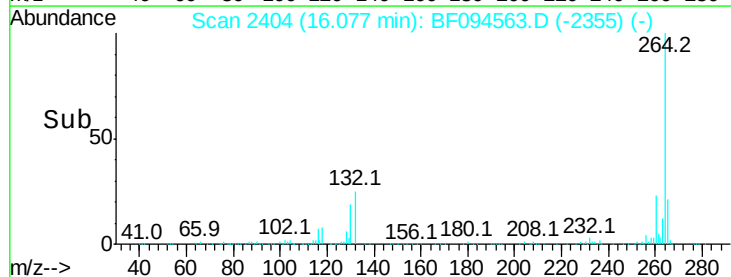
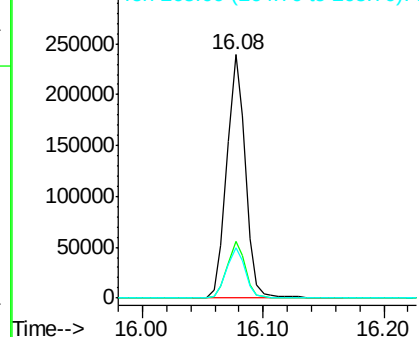


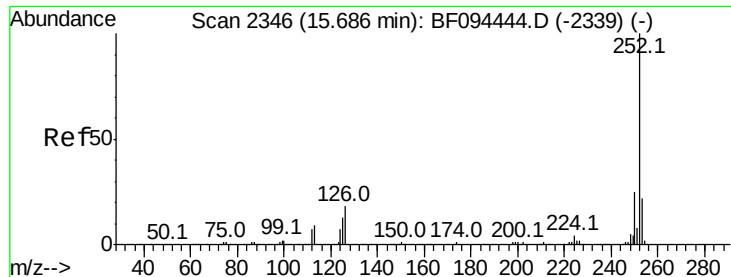
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	20.7	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

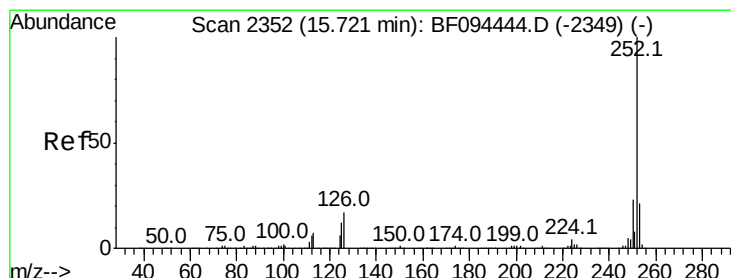
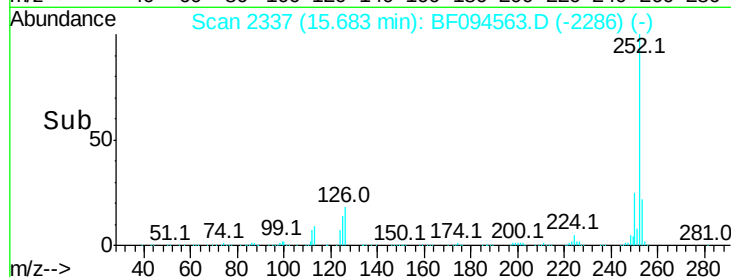
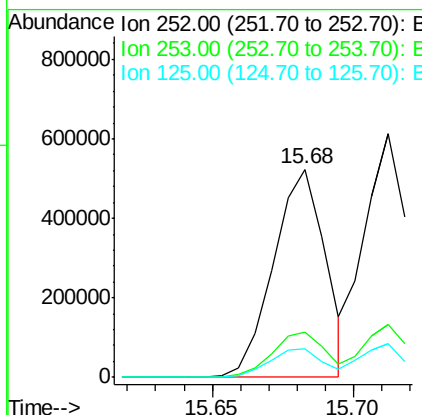
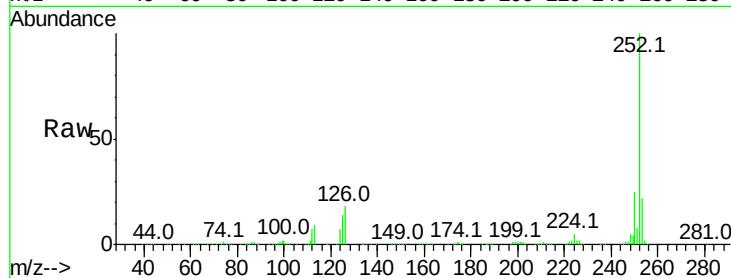




#87
Benzo(b)fluoranthene
Concen: 42.75 ng
RT: 15.68 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

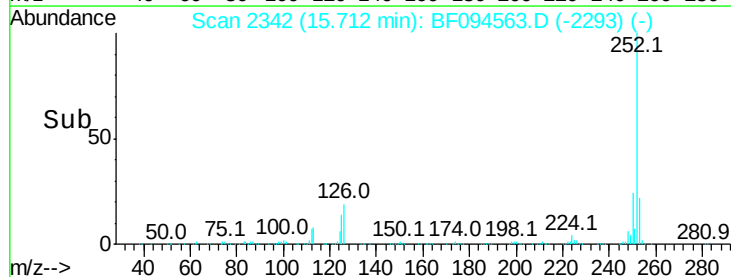
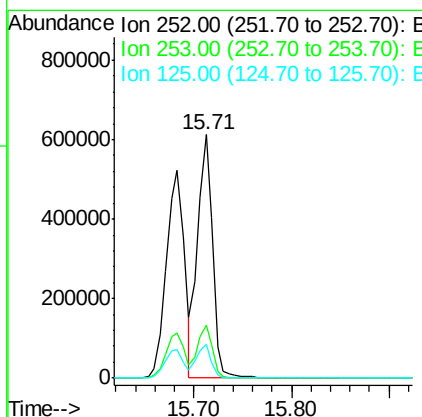
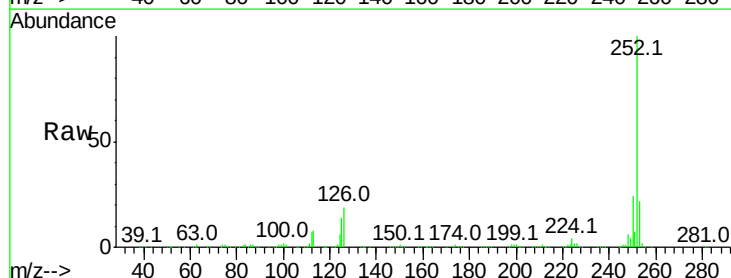
Instrument :
BNA_F
ClientSampleId :

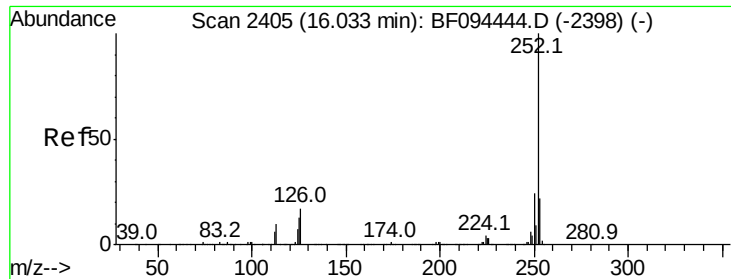
Tot Ion:252 Resp: 665294
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 13.7 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 44.37 ng
RT: 15.71 min Scan# 2342
Delta R.T. -0.01 min
Lab File: BF094563.D
Acq: 21 Apr 2017 15:31

Tgt Ion:252 Resp: 653499
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 13.7 13.1 19.7





#89

Benzo(a)pyrene

Concen: 43.10 ng

RT: 16.02 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

ClientSampleId :

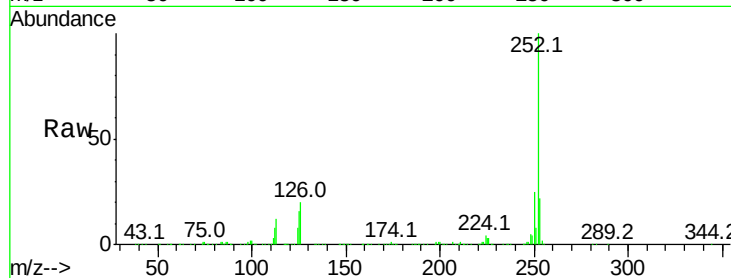
Tot Ion:252 Resp: 623993

Ion Ratio Lower Upper

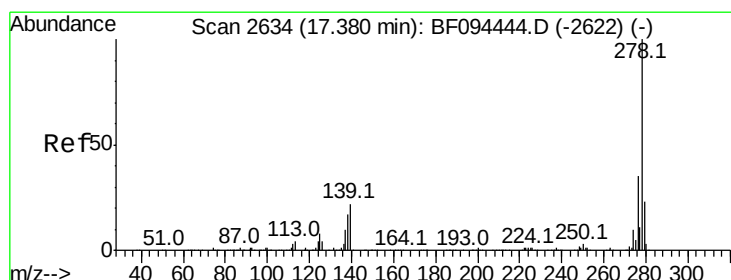
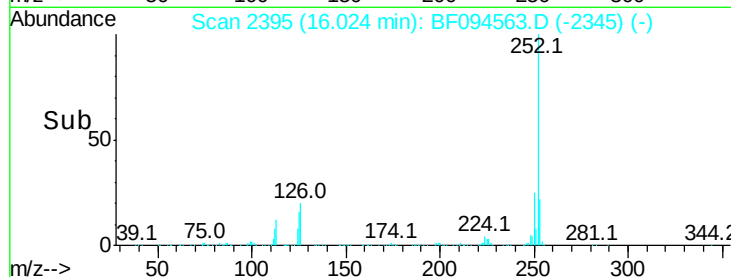
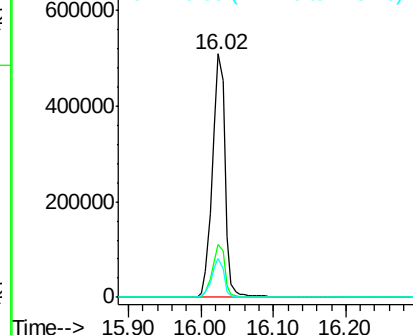
252 100

253 21.6 17.5 26.3

125 15.9 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: 46.12 ng

RT: 17.37 min Scan# 2624

Delta R.T. -0.01 min

Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

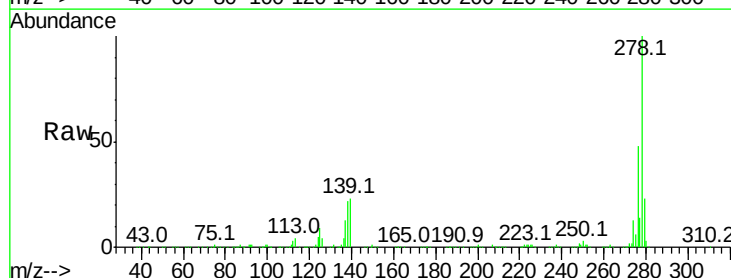
Tgt Ion:278 Resp: 554383

Ion Ratio Lower Upper

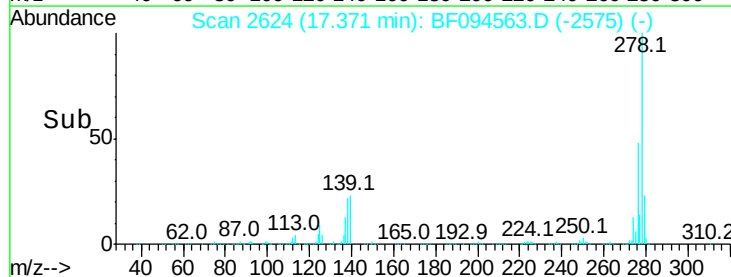
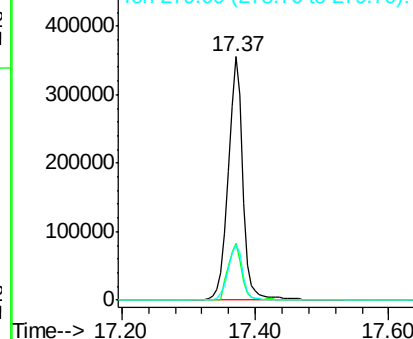
278 100

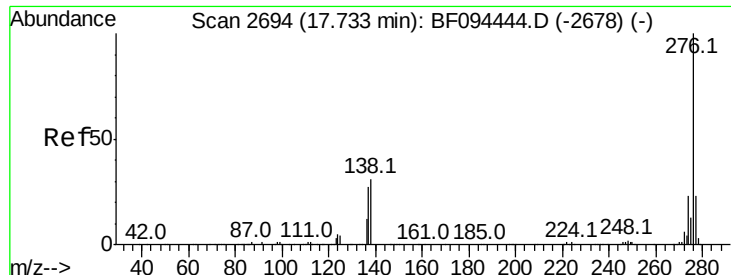
139 23.4 16.6 24.8

279 22.7 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 45.91 ng

RT: 17.73 min Scan# 2685

Delta R.T. -0.00 min

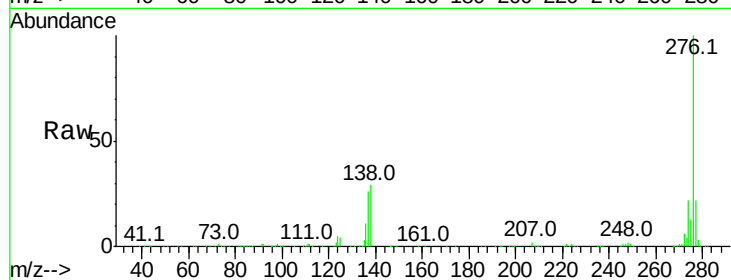
Lab File: BF094563.D

Acq: 21 Apr 2017 15:31

Instrument :

BNA_F

ClientSampleId :



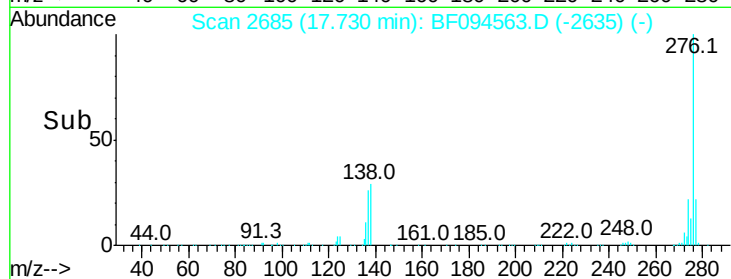
Tot Ion:276 Resp: 561853

Ion Ratio Lower Upper

276 100

277 22.3 18.6 28.0

138 29.5 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

