

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094542.D
 Acq On : 20 Apr 2017 14:05
 Operator : SJ/MA
 Sample : I2744-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 17:28:10 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	5.77	152	116899	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	472102	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	219337	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	400769	20.00	ng	0.00
75) Chrysene-d12	14.47	240	318494	20.00	ng	0.00
86) Perylene-d12	16.08	264	250767	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.32	112	979421	139.00	ng	0.02
7) Phenol-d6	5.40	99	1211598	145.86	ng	0.00
23) Nitrobenzene-d5	6.42	82	771657	100.93	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	273407	159.36	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1367252	91.72	ng	0.00
78) Terphenyl-d14	13.19	244	1287353	108.04	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.12	88	137755	33.62	ng	96
3) Pyridine	2.65	79	359194	40.11	ng	99
4) n-Nitrosodimethylamine	2.59	42	171236	46.21	ng	90
6) Aniline	5.40	93	348604	31.58	ng	# 81
8) 2-Chlorophenol	5.54	128	388555	48.46	ng	97
9) Benzaldehyde	5.27	77	73646	11.65	ng	97
10) Phenol	5.42	94	512036	50.18	ng	90
11) bis(2-Chloroethyl)ether	5.48	93	357472	47.95	ng	97
12) 1,3-Dichlorobenzene	5.70	146	406583	45.77	ng	99
13) 1,4-Dichlorobenzene	5.79	146	413436	46.26	ng	97
14) 1,2-Dichlorobenzene	5.96	146	384056	46.65	ng	98
15) Benzyl Alcohol	5.95	79	300609	48.78	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.10	45	472066	48.30	ng	72
17) 2-Methylphenol	6.09	107	308962	48.93	ng	# 94
18) Hexachloroethane	6.35	117	141730	46.26	ng	# 86
19) n-Nitroso-di-n-propylamine	6.26	70	276569	50.25	ng	97
20) 3+4-Methylphenols	6.28	107	434460	50.63	ng	# 62
22) Acetophenone	6.25	105	554445	48.30	ng	# 85
24) Nitrobenzene	6.44	77	392340	48.73	ng	95
25) Isophorone	6.73	82	723295	51.03	ng	95
26) 2-Nitrophenol	6.81	139	221604	51.23	ng	95
27) 2,4-Dimethylphenol	6.89	122	343228	48.85	ng	99
28) bis(2-Chloroethoxy)methane	6.99	93	464569	50.67	ng	99
29) 2,4-Dichlorophenol	7.11	162	338236	51.75	ng	97
30) 1,2,4-Trichlorobenzene	7.20	180	322485	47.72	ng	99
31) Naphthalene	7.29	128	1104298	48.66	ng	100
32) Benzoic acid	7.01	122	19811	5.33	ng	94
33) 4-Chloroaniline	7.37	127	90848	9.62	ng	# 91
34) Hexachlorobutadiene	7.44	225	162755	48.31	ng	97
35) Caprolactam	7.83	113	63250	30.80	ng	92
36) 4-Chloro-3-methylphenol	8.00	107	354613	51.77	ng	89
37) 2-Methylnaphthalene	8.13	142	763961	49.20	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	296521	47.48	ng	99
40) Hexachlorocyclopentadiene	8.32	237	277356	109.77	ng	98

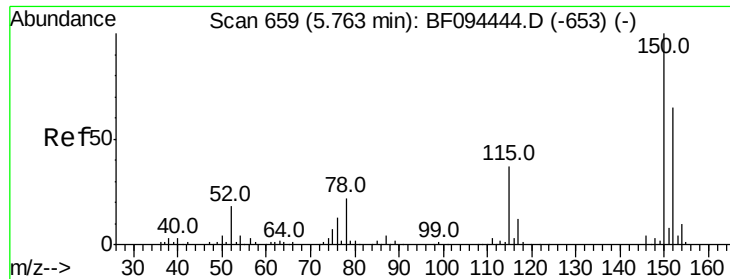
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	227409	51.85	nq	97
43) 2,4,5-Trichlorophenol	8.55	196	228805	50.80	nq	92
45) 1,1'-Biphenyl	8.70	154	819574	45.73	nq	97
46) 2-Chloronaphthalene	8.72	162	682326	47.88	nq	96
47) 2-Nitroaniline	8.86	65	207013	50.50	nq	# 79
48) Acenaphthylene	9.22	152	1077648	48.51	nq	99
49) Dimethylphthalate	9.10	163	1004335	61.44	nq	99
50) 2,6-Dinitrotoluene	9.17	165	190943	52.04	nq	91
51) Acenaphthene	9.44	154	653918	49.15	nq	99
52) 3-Nitroaniline	9.37	138	106936	25.19	nq	88
53) 2,4-Dinitrophenol	9.51	184	118977	61.22	nq	# 68
54) Dibenzofuran	9.65	168	962476	49.77	nq	99
55) 4-Nitrophenol	9.65	139	655167	218.47	nq	# 30
56) 2,4-Dinitrotoluene	9.66	165	249830	55.49	nq	# 80
57) Fluorene	10.07	166	758685	50.38	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	177424	54.96	nq	98
59) Diethylphthalate	9.97	149	839166	54.41	nq	98
60) 4-Chlorophenyl-phenylether	10.08	204	331393	52.88	nq	96
61) 4-Nitroaniline	10.12	138	202532	46.93	nq	97
62) Azobenzene	10.28	77	821222	54.84	nq	94
64) 4,6-Dinitro-2-methylphenol	10.17	198	132168	50.33	nq	# 72
65) n-Nitrosodiphenylamine	10.23	169	729004	52.30	nq	98
66) 4-Bromophenyl-phenylether	10.68	248	210541	52.91	nq	98
67) Hexachlorobenzene	10.75	284	207838	51.82	nq	# 84
68) Atrazine	10.91	200	215840	51.76	nq	98
69) Pentachlorophenol	11.00	266	192139	120.66	nq	97
70) Phenanthrene	11.25	178	1098264	48.66	nq	98
71) Anthracene	11.31	178	1141863	48.91	nq	98
72) Carbazole	11.52	167	1107615	50.55	nq	99
73) Di-n-butylphthalate	11.97	149	1343637	55.69	nq	98
74) Fluoranthene	12.71	202	1174502	50.21	nq	100
76) Benzidine	12.88	184	329213	25.53	nq	# 92
77) Pyrene	12.98	202	1155690	51.94	nq	100
79) Butylbenzylphthalate	13.81	149	571883	58.64	nq	89
80) Benzo(a)anthracene	14.45	228	936627	50.60	nq	100
81) 3,3'-Dichlorobenzidine	14.43	252	203564	31.06	nq	# 96
82) Chrysene	14.50	228	851302	50.32	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	829753	63.37	nq	# 98
84) Di-n-octyl phthalate	15.27	149	1233289	56.15	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	782314	48.60	nq	99
87) Benzo(b)fluoranthene	15.69	252	741620	48.35	nq	98
88) Benzo(k)fluoranthene	15.72	252	734097	50.57	nq	96
89) Benzo(a)pyrene	16.03	252	714533	50.07	nq	97
90) Dibenzo(a,h)anthracene	17.38	278	639779	53.99	nq	98
91) Benzo(g,h,i)perylene	17.74	276	661008	54.79	nq	98

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

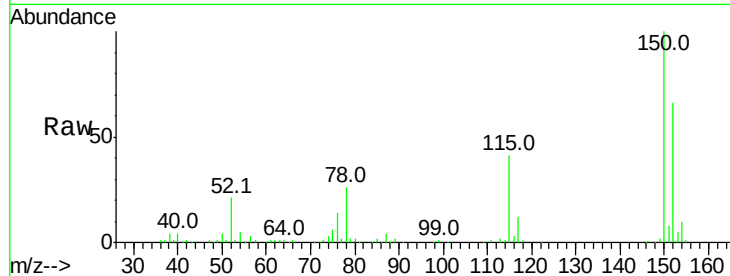


#1

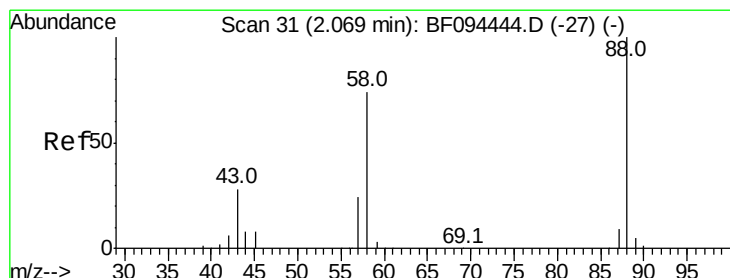
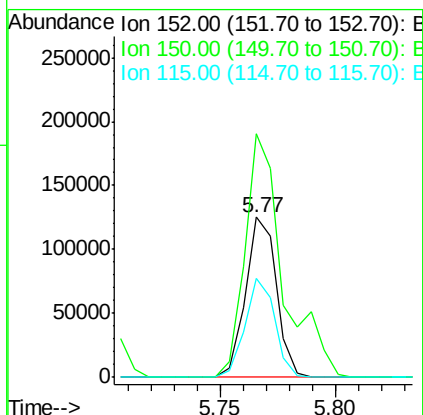
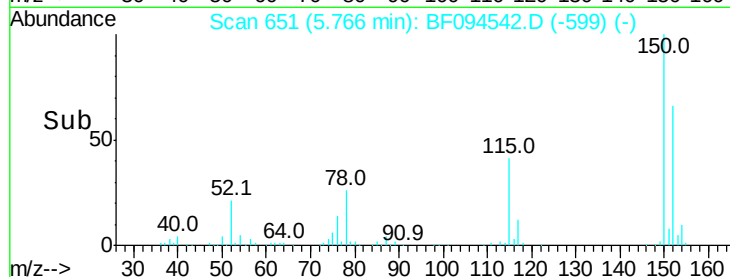
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094542.D
Acq: 20 Apr 2017 14:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 116899
Ion Ratio Lower Upper
152 100
150 152.0 126.2 189.2
115 61.6 52.2 78.2



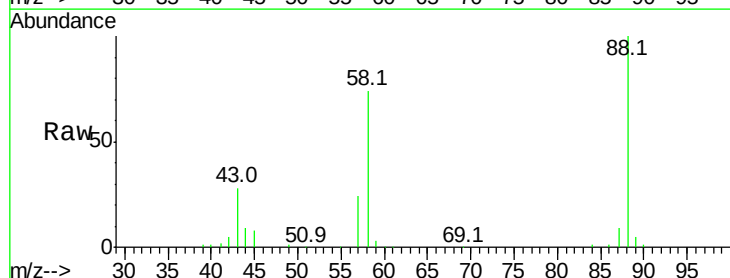
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



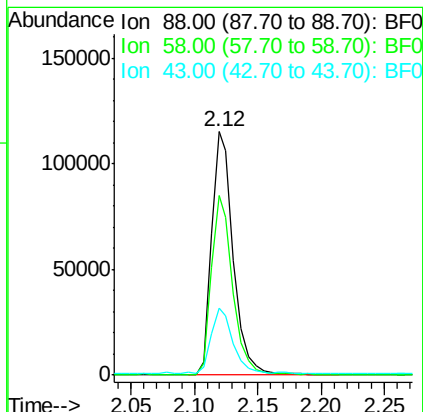
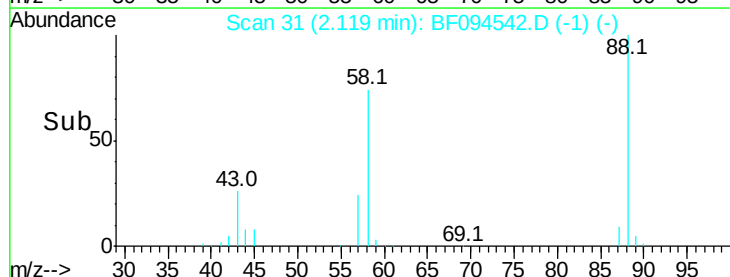
#2

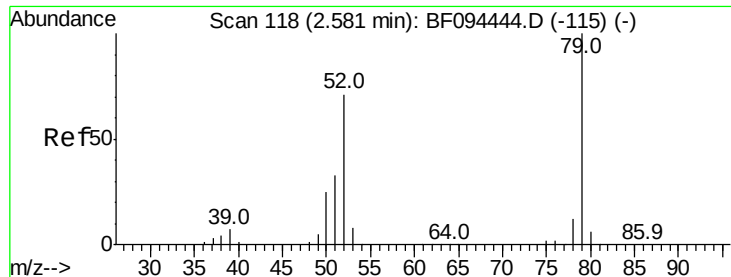
1,4-Dioxane
Concen: 33.62 ng
RT: 2.12 min Scan# 31
Delta R.T. 0.05 min
Lab File: BF094542.D
Acq: 20 Apr 2017 14:05

Tgt Ion: 88 Resp: 137755
Ion Ratio Lower Upper
88 100
58 72.8 61.4 92.0
43 27.8 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: 40.11 ng

RT: 2.65 min Scan# 121

Delta R.T. 0.07 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

Instrument :

BNA_F

ClientSampled :

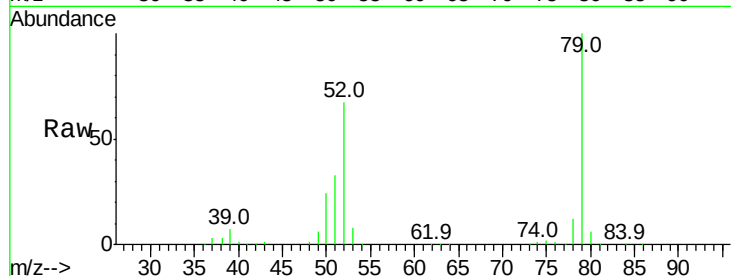
Tot Ion: 79 Resp: 359194

Ion Ratio Lower Upper

79 100

52 67.4 54.8 82.2

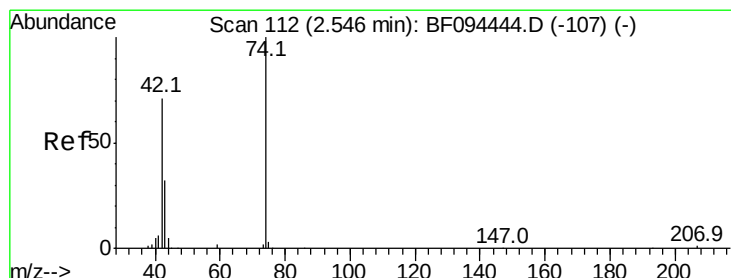
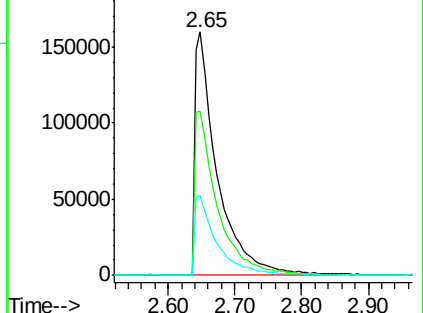
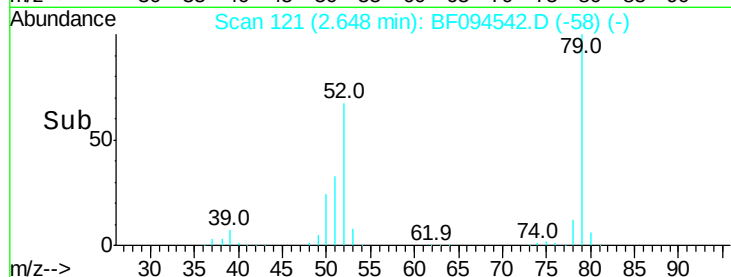
51 33.0 27.0 40.4



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: 46.21 ng

RT: 2.59 min Scan# 111

Delta R.T. 0.04 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

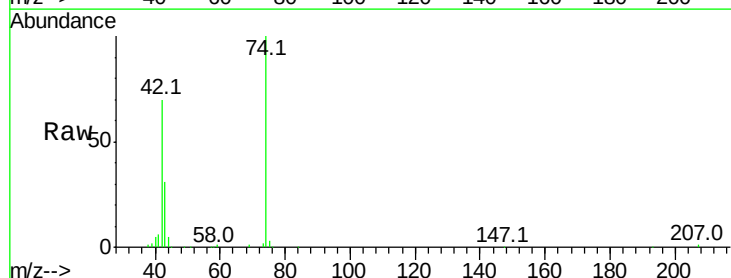
Tgt Ion: 42 Resp: 171236

Ion Ratio Lower Upper

42 100

74 142.7 103.9 155.9

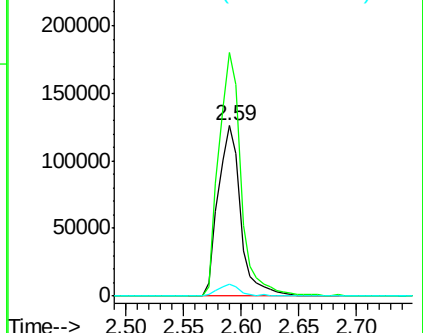
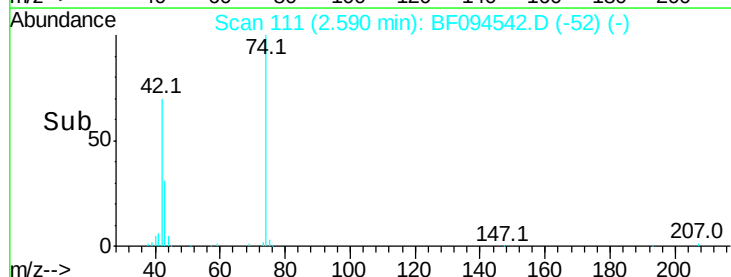
44 6.9 5.7 8.5

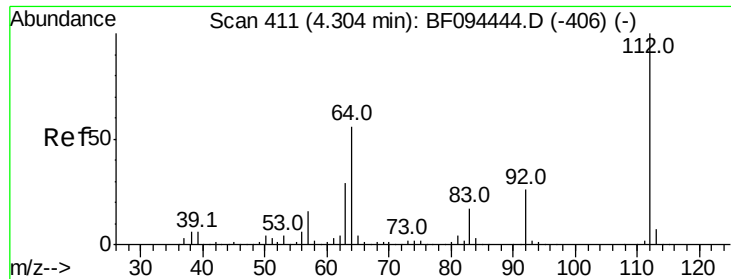


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 139.00 ng

RT: 4.32 min Scan# 406

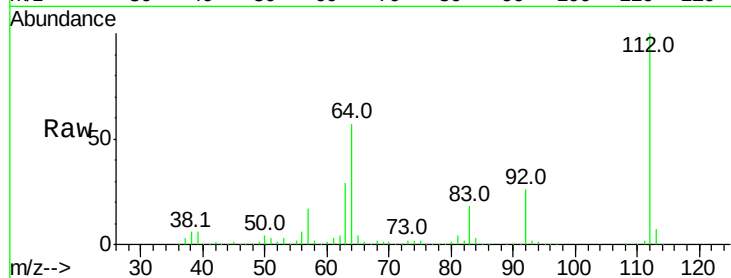
Delta R.T. 0.02 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

Instrument :
BNA_F
ClientSampled :

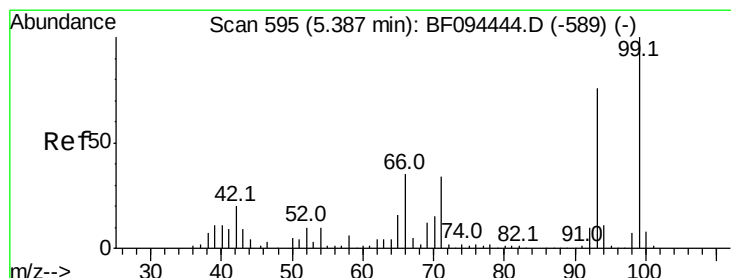
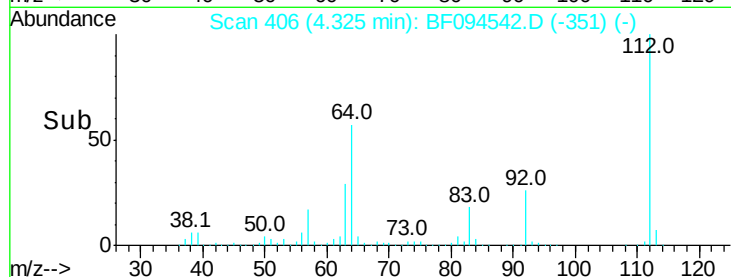
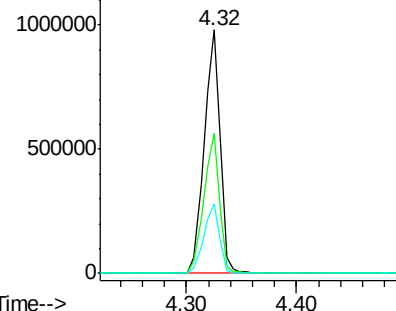
Tot Ion:	112	Resp:	979421
Ion	Ratio	Lower	Upper
112	100		
64	57.3	46.0	69.0
63	28.8	23.4	35.0



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: 31.58 ng

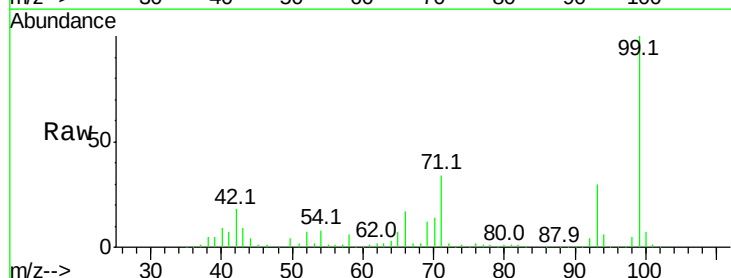
RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

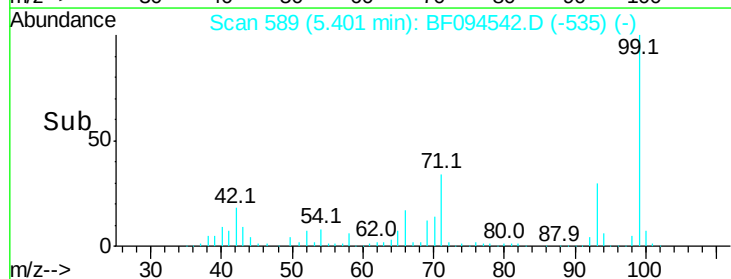
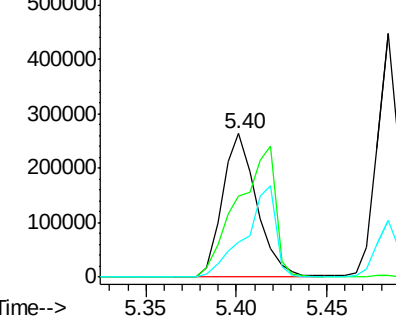
Tgt Ion:	93	Resp:	348604
Ion	Ratio	Lower	Upper
93	100		
66	56.2	32.9	49.3#
65	24.5	16.0	24.0#

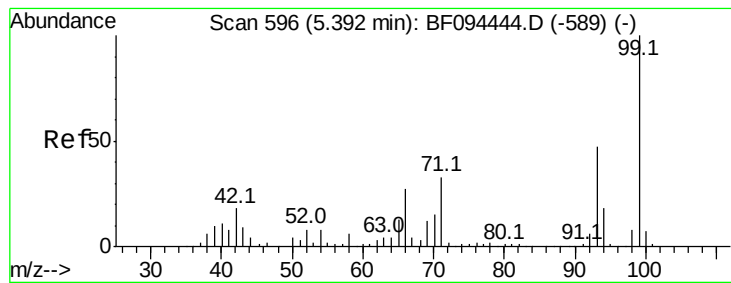


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 145.86 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

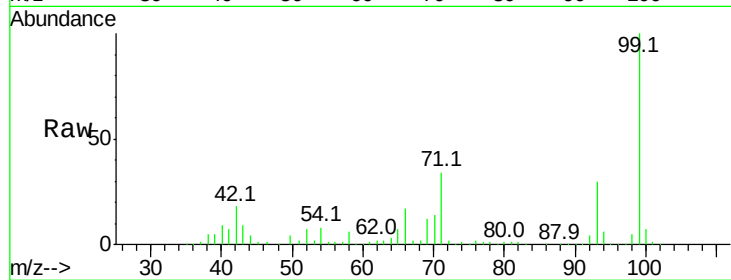
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1211598

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.5	20.3
71	34.0	24.5	36.7

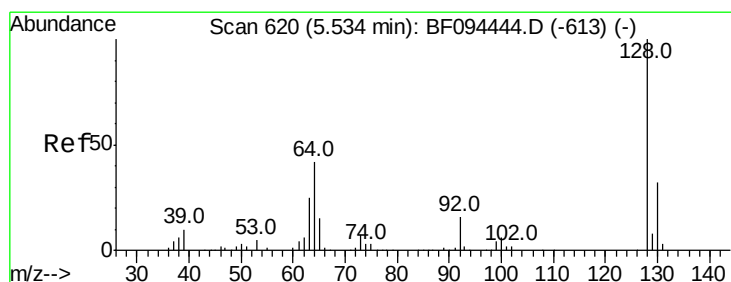
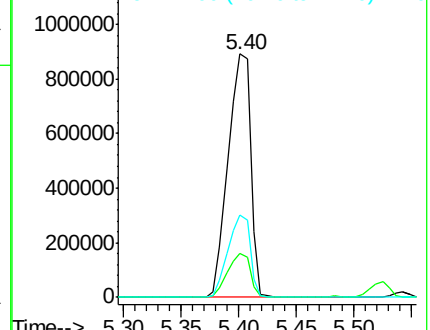
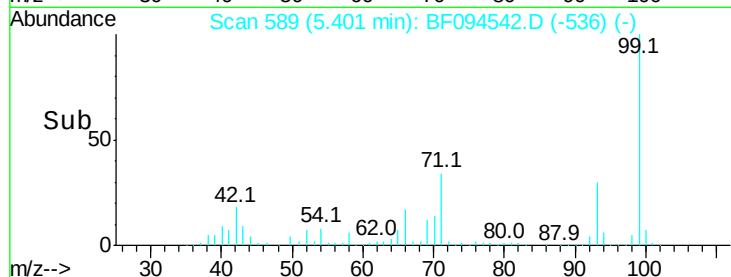


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 48.46 ng

RT: 5.54 min Scan# 613

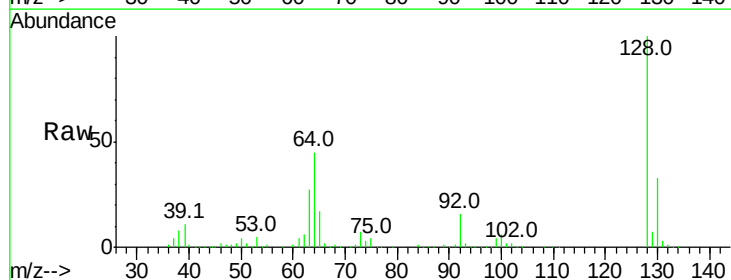
Delta R.T. 0.01 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

Tgt Ion: 128 Resp: 388555

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.9	52.9
64	44.9	28.4	68.4

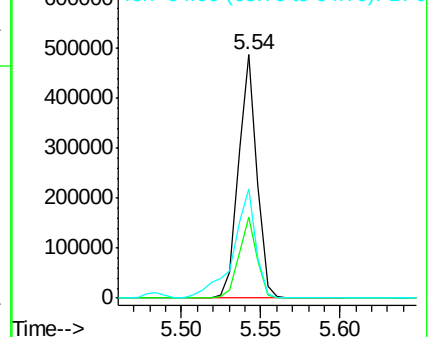
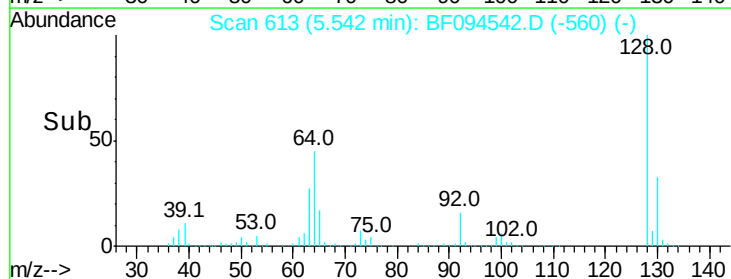


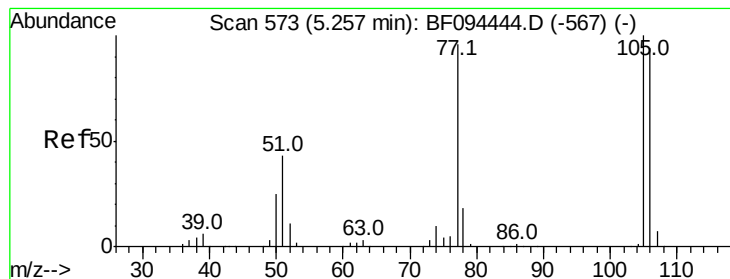
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.65 ng

RT: 5.27 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

Instrument :

BNA_F

ClientSampleId :

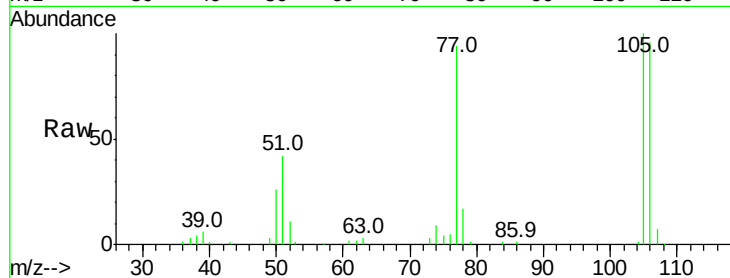
Tot Ion: 77 Resp: 73646

Ion Ratio Lower Upper

77 100

105 106.8 83.8 123.8

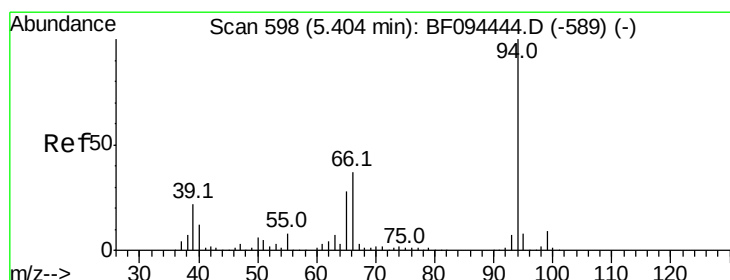
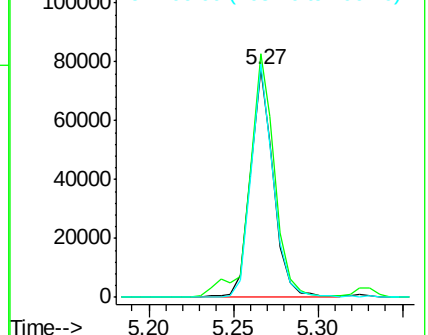
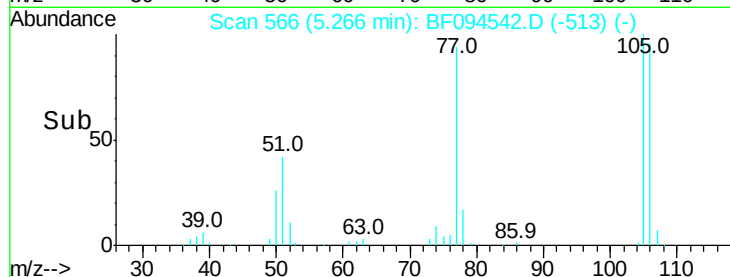
106 102.3 79.1 119.1



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: 50.18 ng

RT: 5.42 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

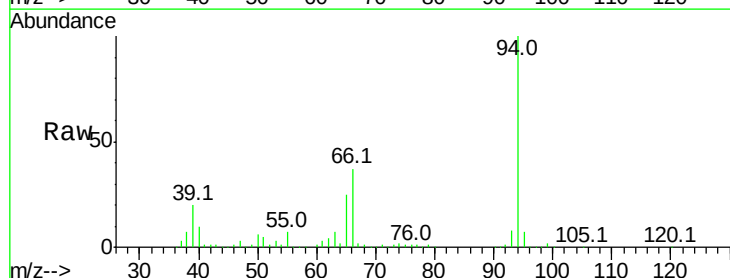
Tgt Ion: 94 Resp: 512036

Ion Ratio Lower Upper

94 100

65 25.4 9.9 49.9

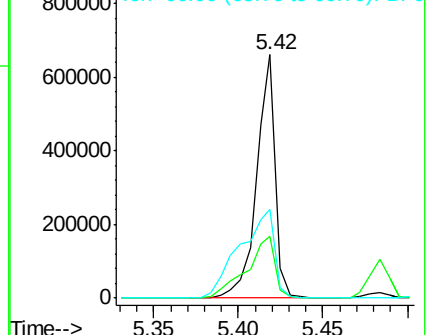
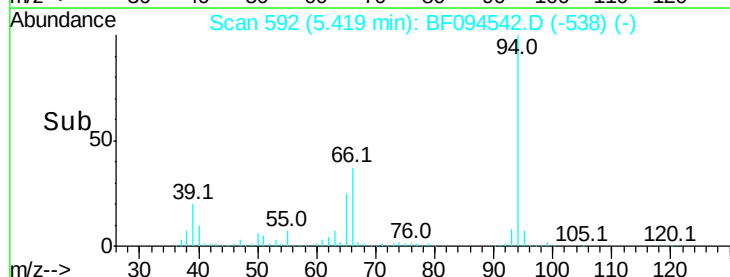
66 36.5 23.1 63.1

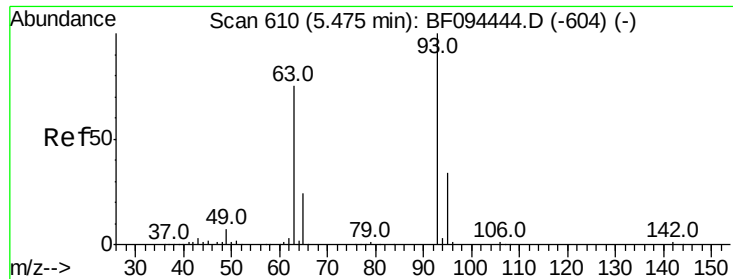


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

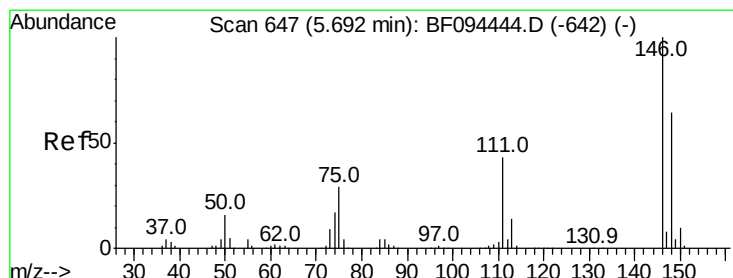
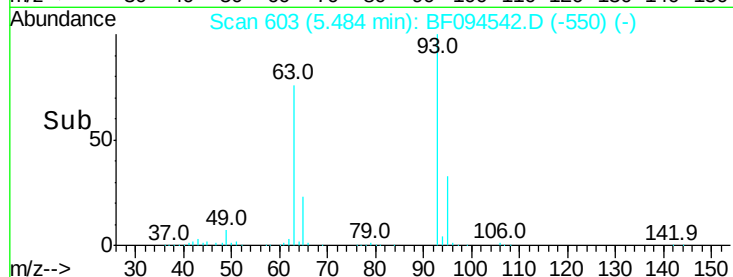
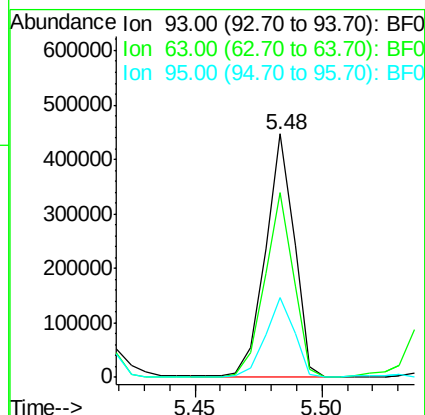
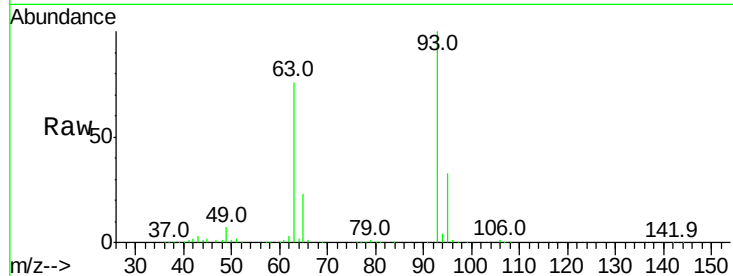




#11
bis(2-Chloroethyl)ether
Concen: 47.95 ng
RT: 5.48 min Scan# 603
Delta R.T. 0.01 min
Lab File: BF094542.D
Acq: 20 Apr 2017 14:05

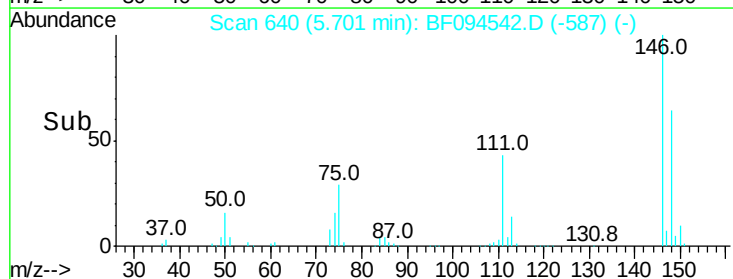
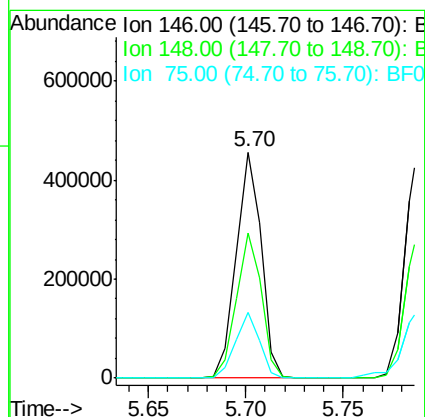
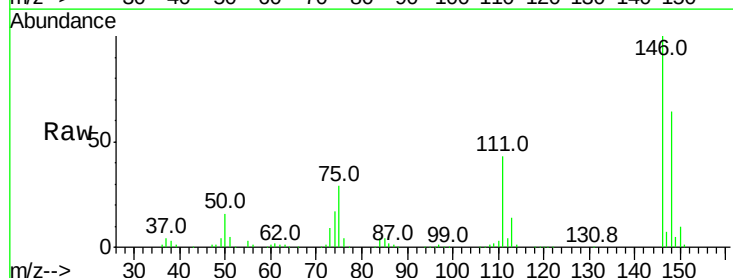
Instrument :
BNA_F
ClientSampleId :

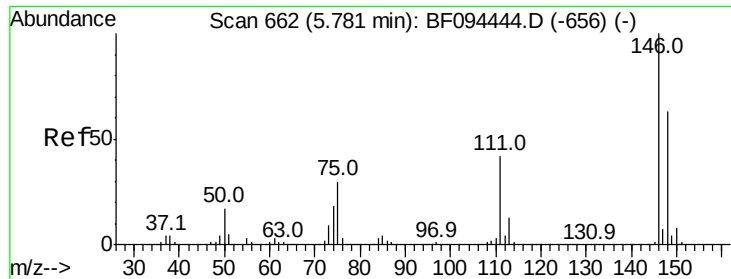
Tot Ion: 93 Resp: 357472
Ion Ratio Lower Upper
93 100
63 76.0 59.2 99.2
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 45.77 ng
RT: 5.70 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF094542.D
Acq: 20 Apr 2017 14:05

Tgt Ion: 146 Resp: 406583
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.6
75 29.2 23.1 34.7

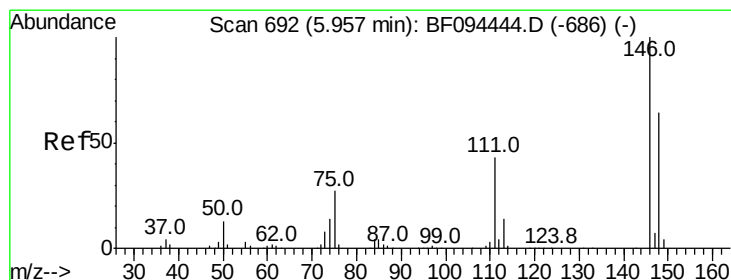
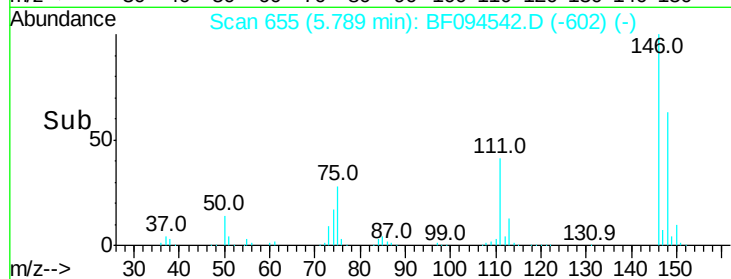
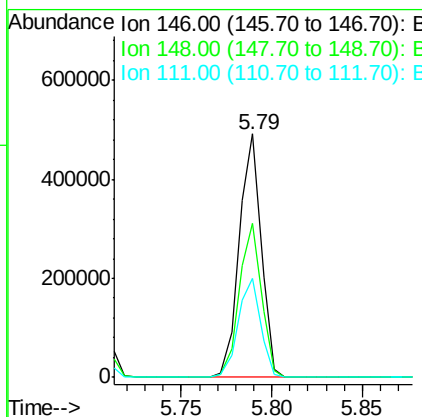
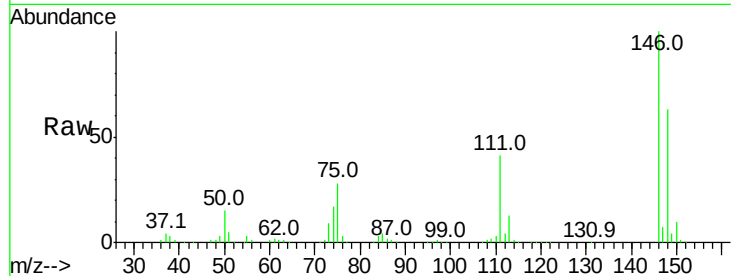




#13
 1,4-Dichlorobenzene
 Concen: 46.26 ng
 RT: 5.79 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

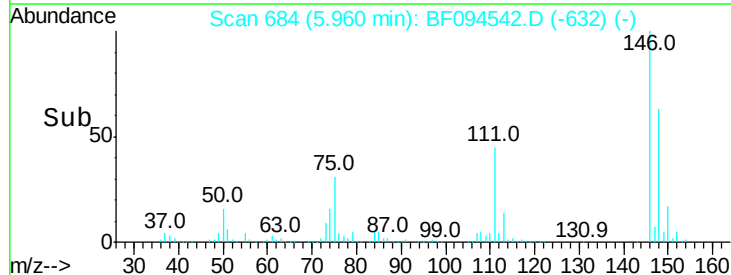
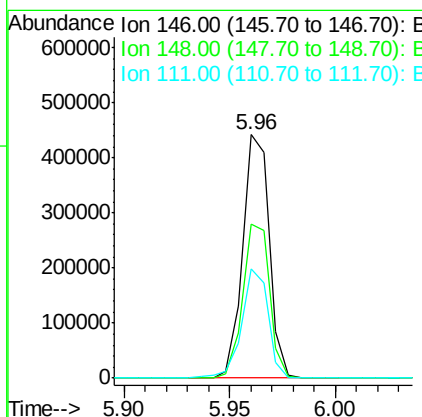
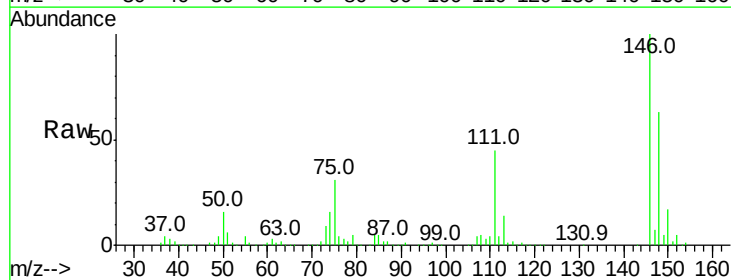
Instrument :
 BNA_F
 ClientSampleId :

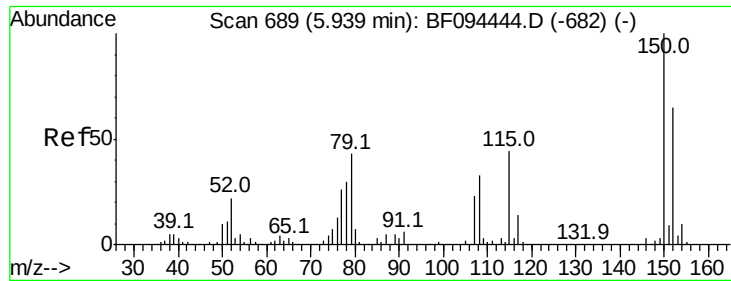
Tot Ion:146 Resp: 413436
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.2 78.2
 111 40.8 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 46.65 ng
 RT: 5.96 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

Tgt Ion:146 Resp: 384056
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.4 75.6
 111 45.1 38.2 57.4





#15

Benzyl Alcohol

Concen: 48.78 ng

RT: 5.95 min Scan# 682

Delta R.T. 0.01 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

Instrument :

BNA_F

ClientSampled :

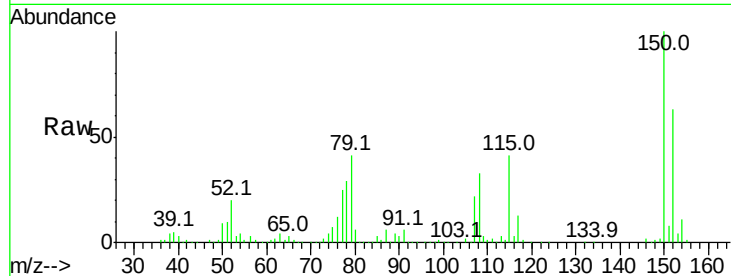
Tot Ion: 79 Resp: 300609

Ion Ratio Lower Upper

79 100

108 78.8 63.4 95.0

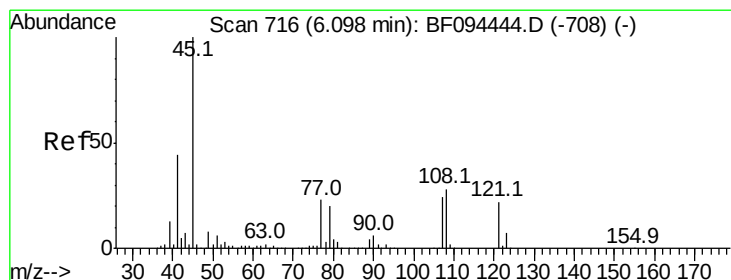
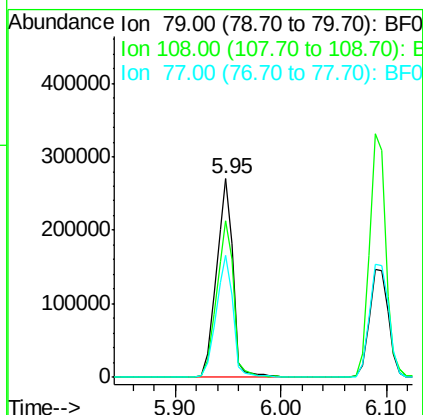
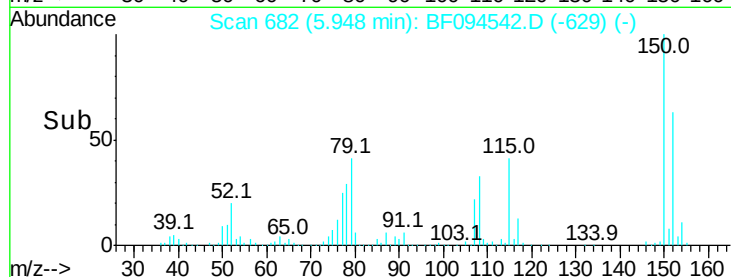
77 61.7 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.30 ng

RT: 6.10 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

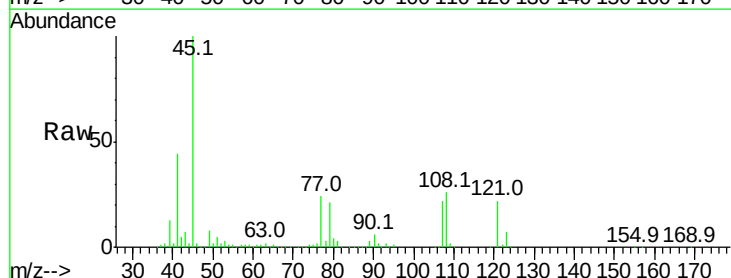
Tgt Ion: 45 Resp: 472066

Ion Ratio Lower Upper

45 100

77 23.8 0.0 33.2

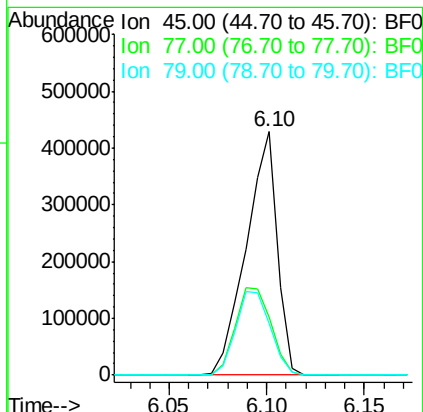
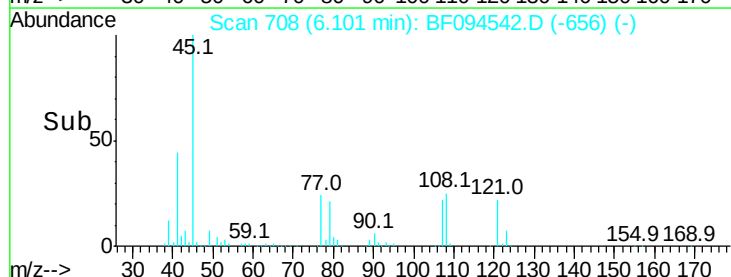
79 21.0 0.0 30.0

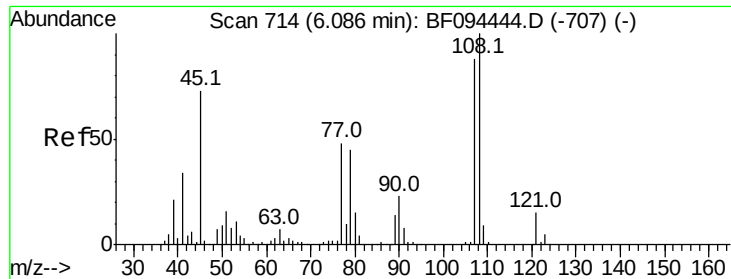


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 48.93 ng

RT: 6.09 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 308962

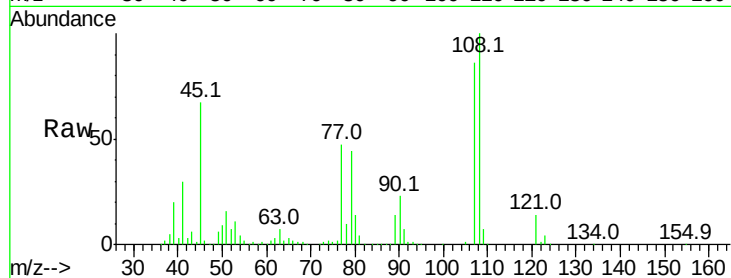
Ion Ratio Lower Upper

107 100

108 116.7 93.4 140.0

77 54.4 35.8 53.6#

79 51.9 34.8 52.2

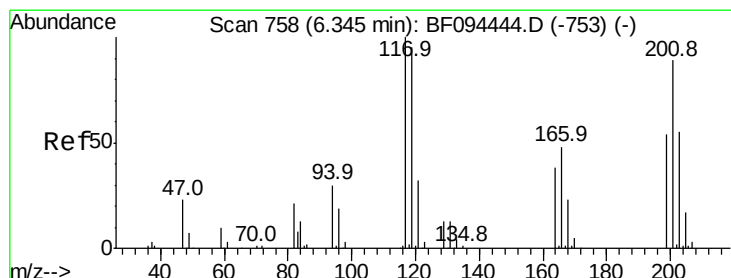
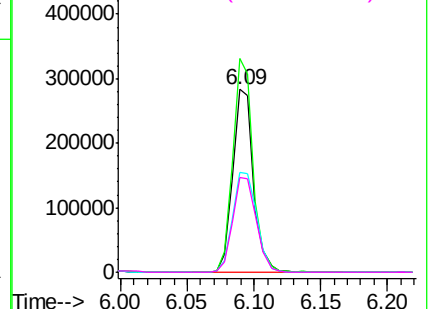
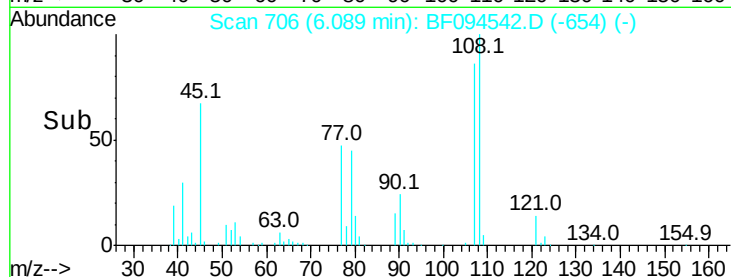


Abundance Ion 107.00 (106.70 to 107.70): E

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: 46.26 ng

RT: 6.35 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

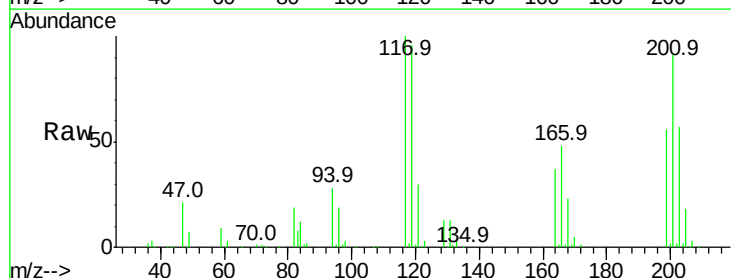
Tgt Ion:117 Resp: 141730

Ion Ratio Lower Upper

117 100

119 96.3 77.4 116.0

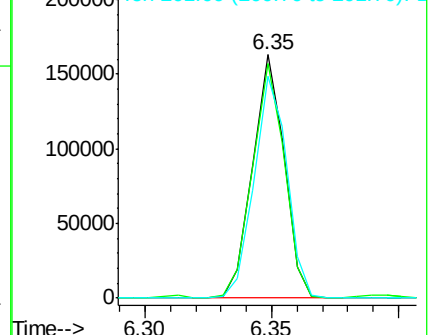
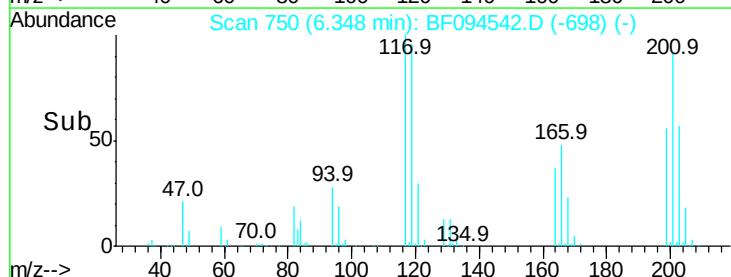
201 91.3 94.6 141.8#

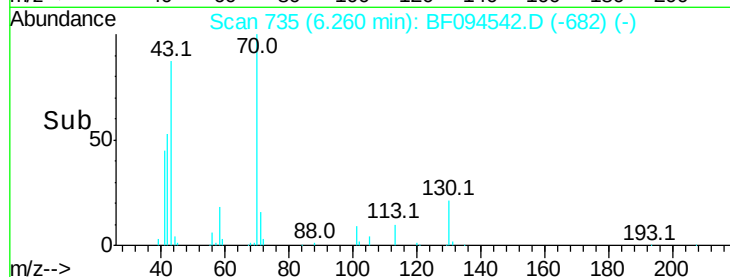
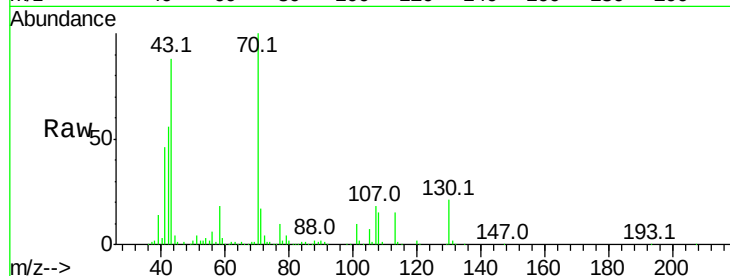
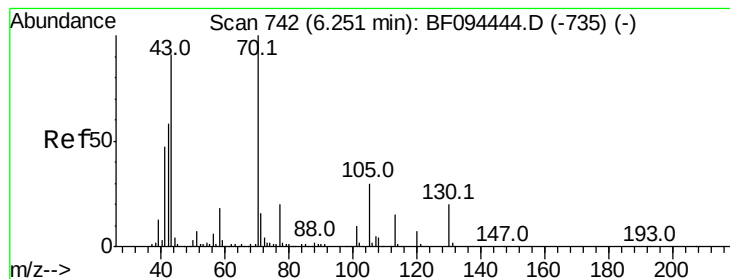


Abundance Ion 117.00 (116.70 to 117.70): E

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: 50.25 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 276569

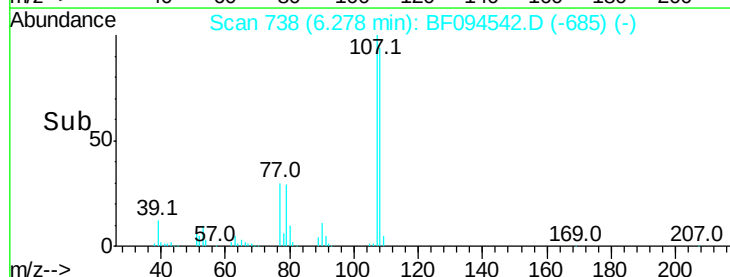
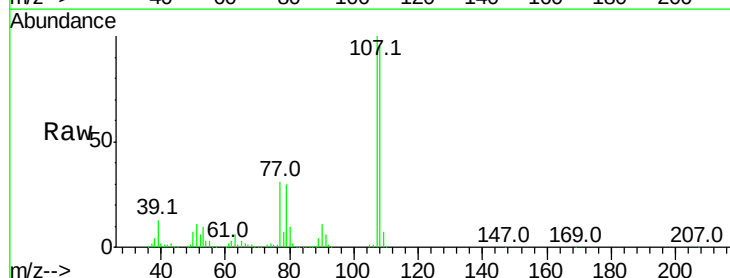
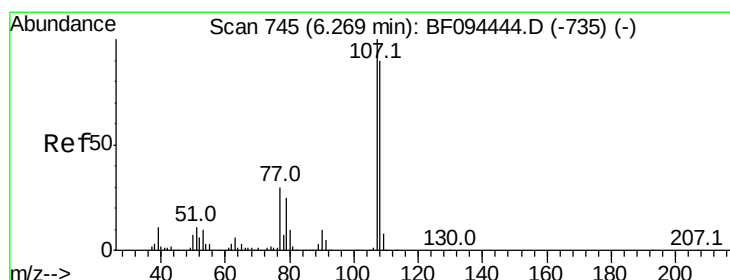
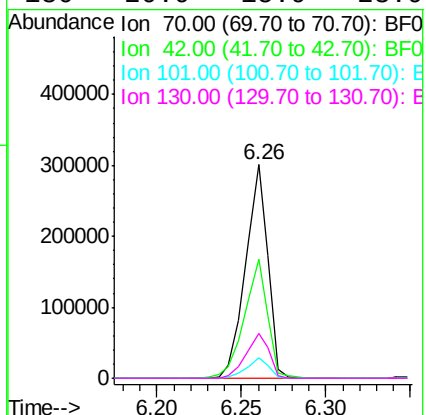
Ion Ratio Lower Upper

70 100

42 55.9 47.2 70.8

101 9.6 7.2 10.8

130 20.9 15.9 23.9



#20

3+4-Methylphenols

Concen: 50.63 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

Tgt Ion:107 Resp: 434460

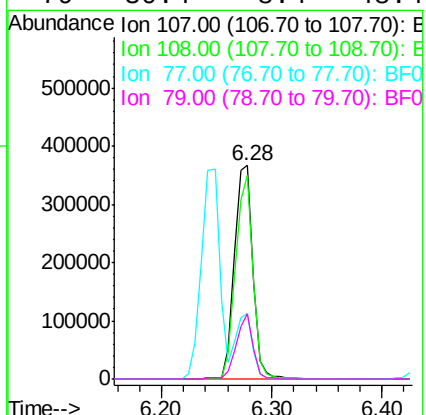
Ion Ratio Lower Upper

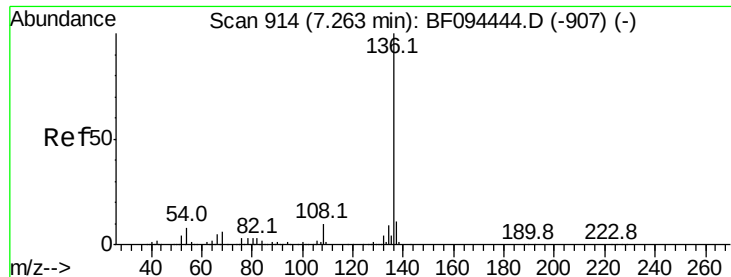
107 100

108 95.0 71.0 111.0

77 30.8 90.5 130.5#

79 30.4 8.4 48.4

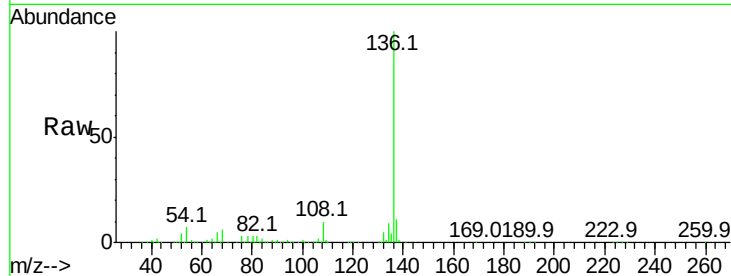




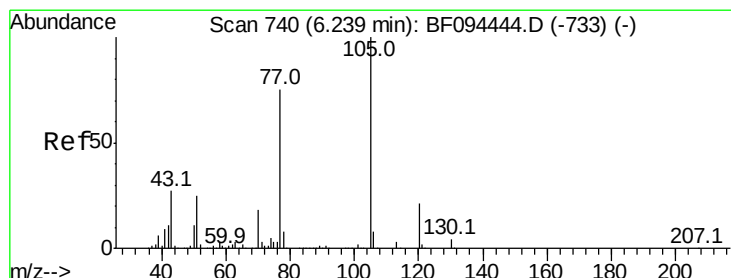
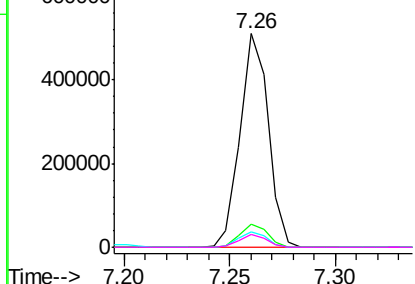
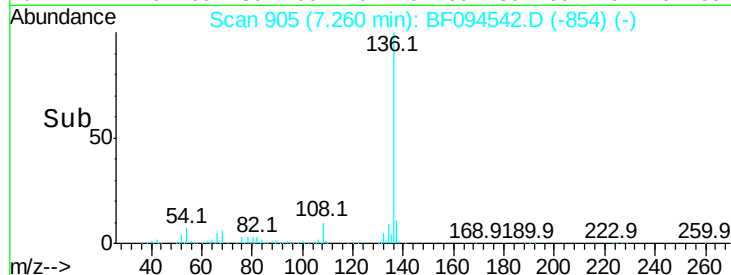
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094542.D
Acq: 20 Apr 2017 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	472102
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.5	12.7
54 7.3	4.9	7.3
68 5.9	4.1	6.1

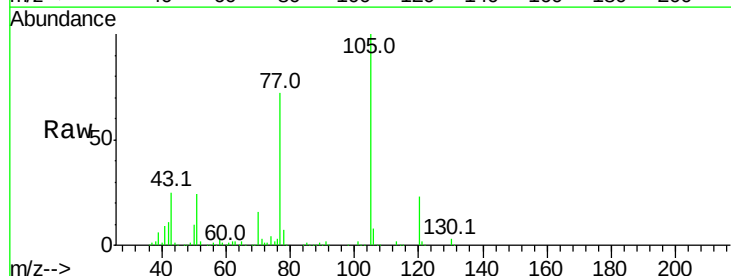


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

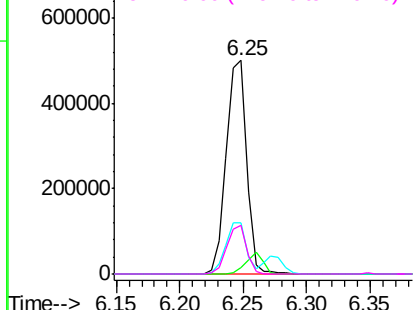
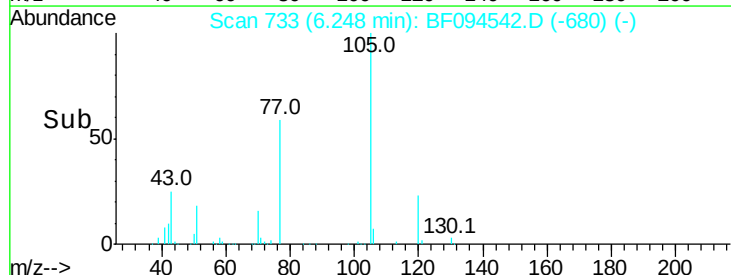


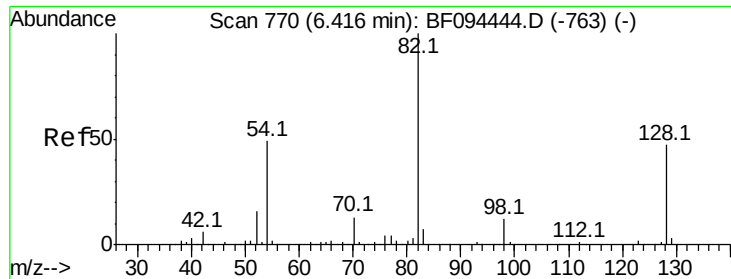
#22
Acetophenone
Concen: 48.30 ng
RT: 6.25 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF094542.D
Acq: 20 Apr 2017 14:05

Tgt	Ion:105	Resp:	554445
Ion	Ratio	Lower	Upper
105	100		
71	2.7	2.8	4.2#
51	23.9	30.7	46.1#
120	22.7	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

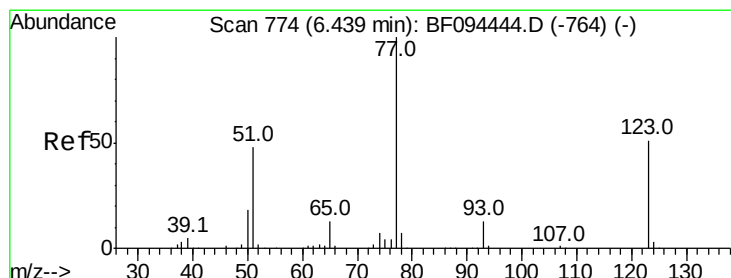
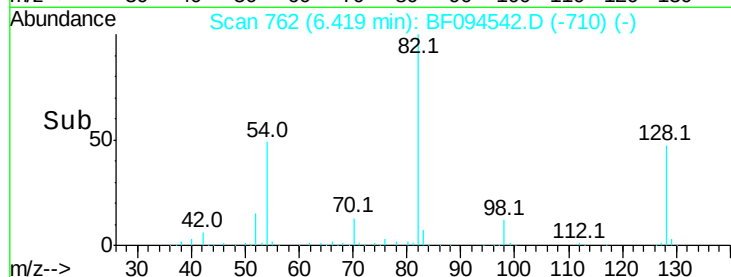
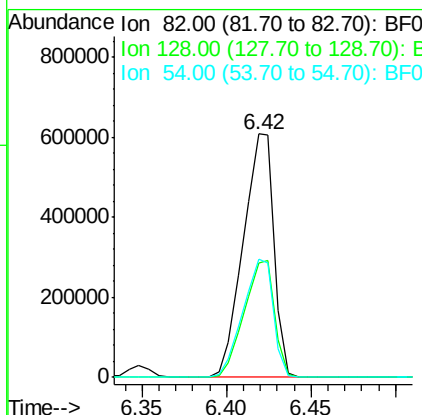
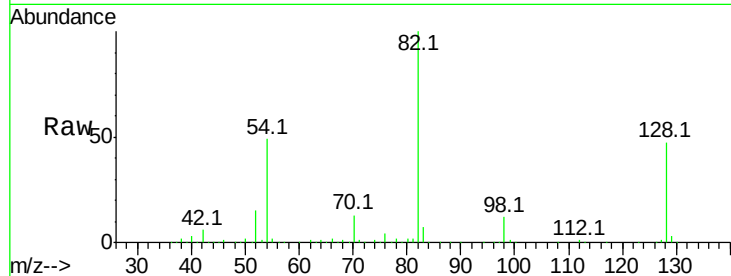




#23
 Nitrobenzene-d5
 Concen: 100.93 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

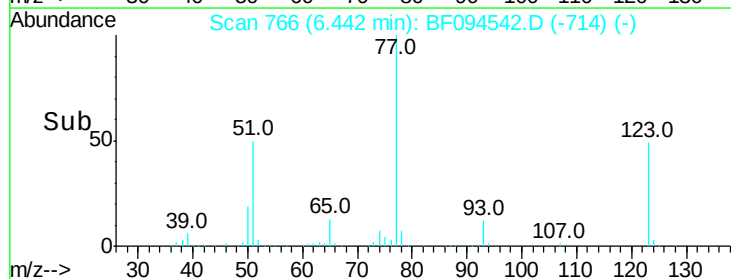
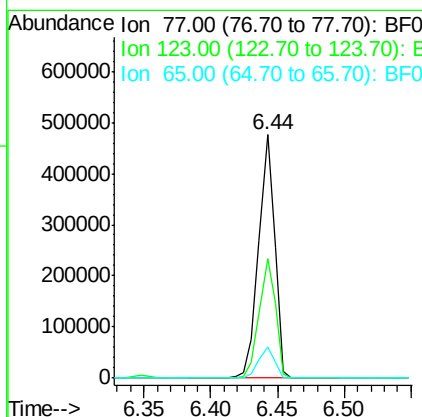
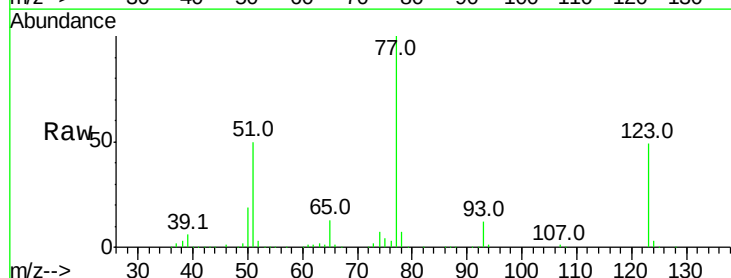
Instrument :
 BNA_F
 ClientSampleId :

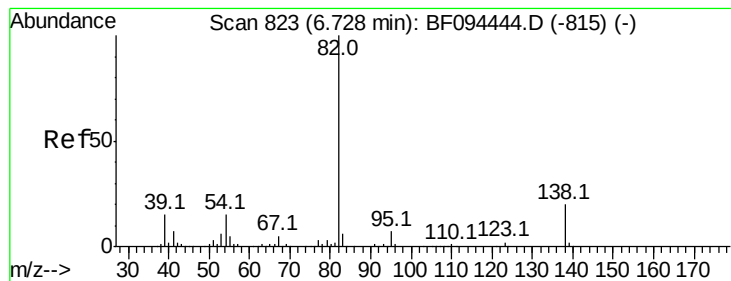
Tot Ion	82	Resp	771657
Ion Ratio	100	Lower	Upper
128	47.0	34.0	51.0
54	48.7	42.2	63.2



#24
 Nitrobenzene
 Concen: 48.73 ng
 RT: 6.44 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

Tgt Ion	77	Resp	392340
Ion Ratio	100	Lower	Upper
123	49.1	35.8	53.8
65	12.8	10.6	15.8





#25

Isophorone

Concen: 51.03 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

Instrument :

BNA_F

ClientSampleId :

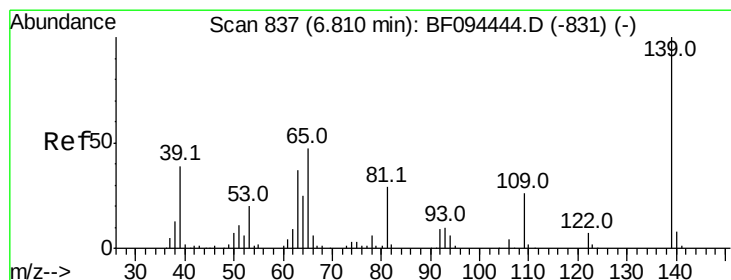
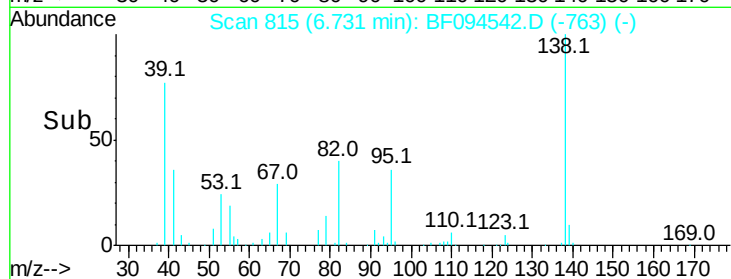
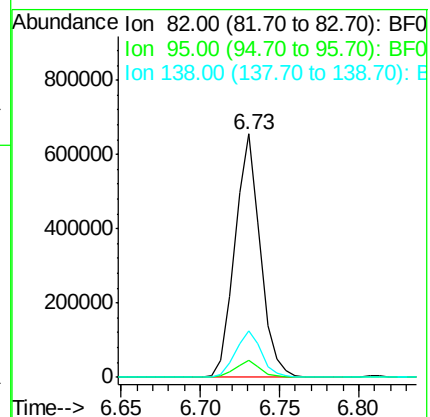
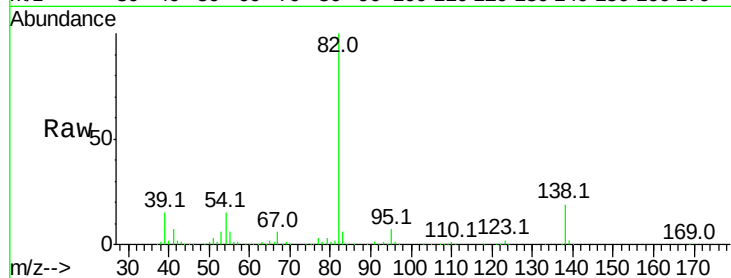
Tot Ion: 82 Resp: 723295

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 19.3 13.1 19.7



#26

2-Nitrophenol

Concen: 51.23 ng

RT: 6.81 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

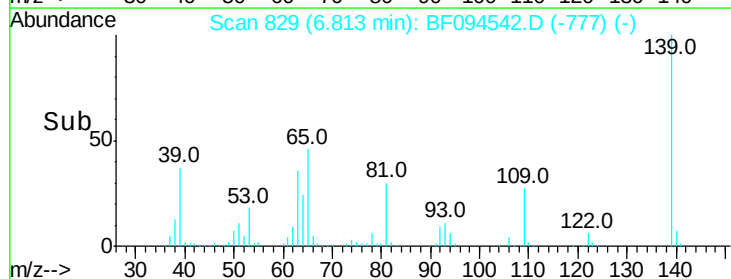
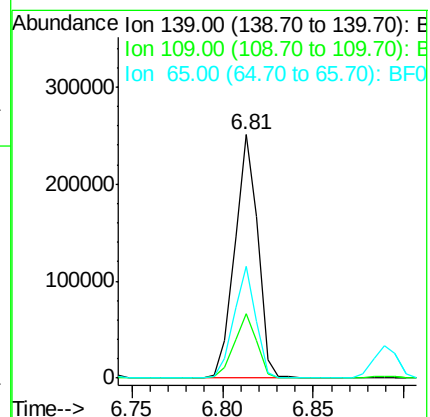
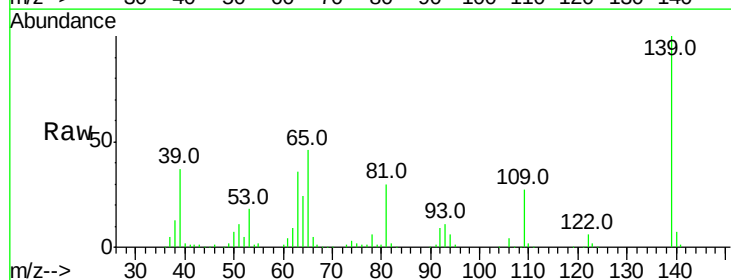
Tgt Ion: 139 Resp: 221604

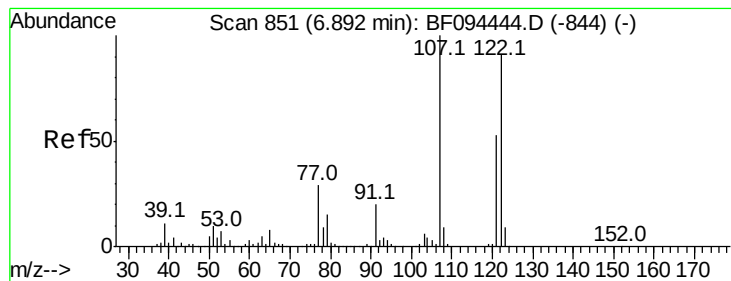
Ion Ratio Lower Upper

139 100

109 26.6 21.0 31.6

65 45.9 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 48.85 ng

RT: 6.89 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

Instrument :

BNA_F

ClientSampled :

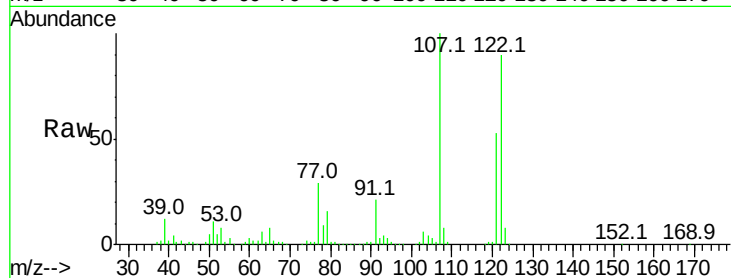
Tot Ion:122 Resp: 343228

Ion Ratio Lower Upper

122 100

107 111.3 89.2 133.8

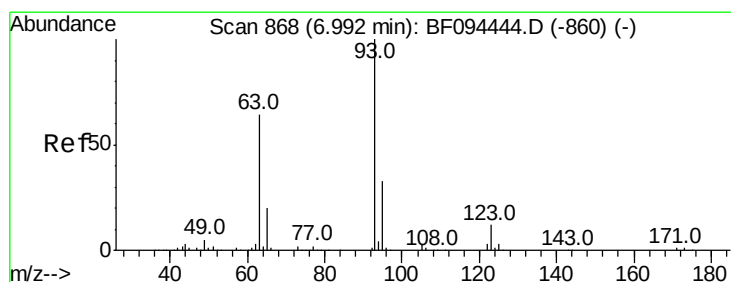
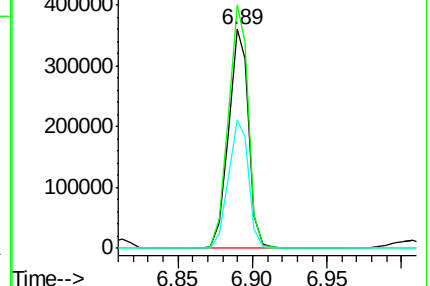
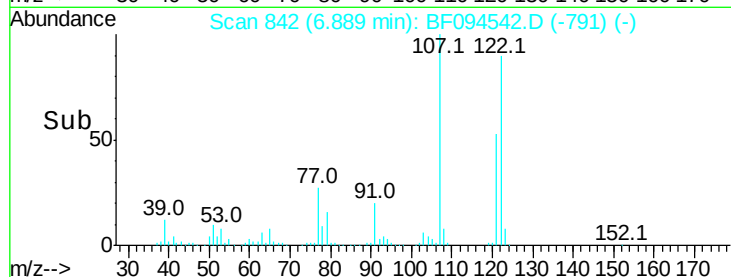
121 59.0 45.2 67.8



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: 50.67 ng

RT: 6.99 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

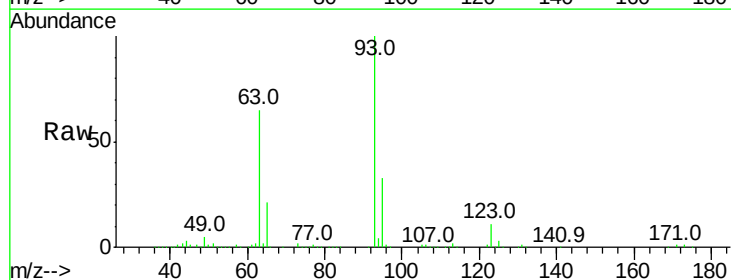
Tgt Ion: 93 Resp: 464569

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

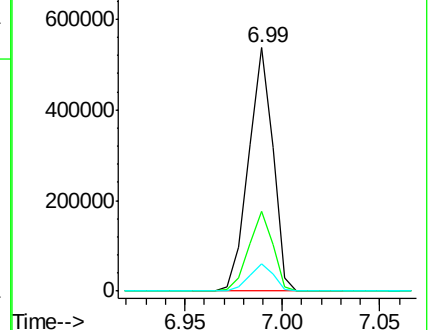
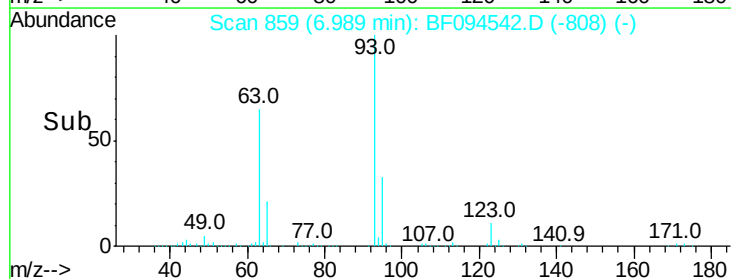
123 11.1 9.0 13.4

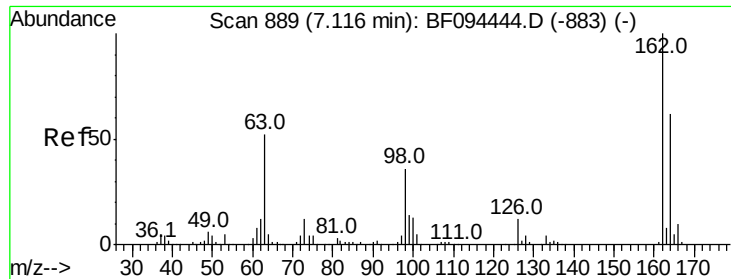


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

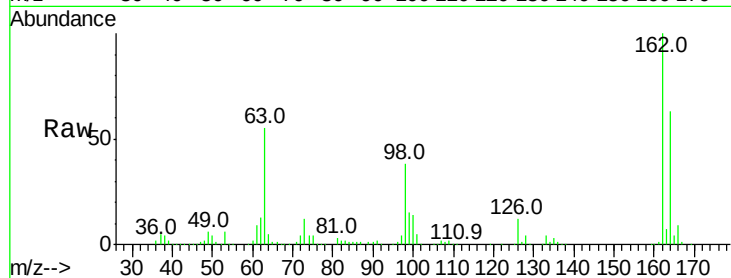




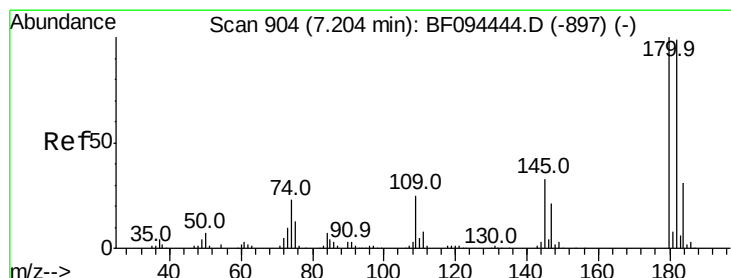
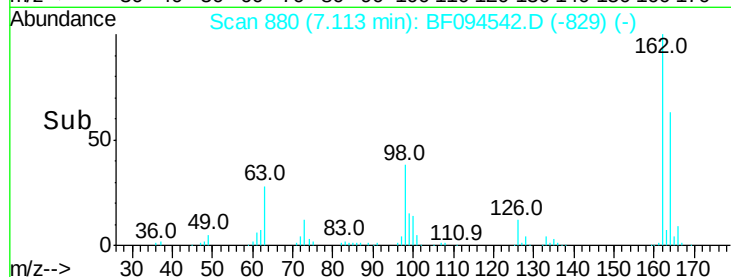
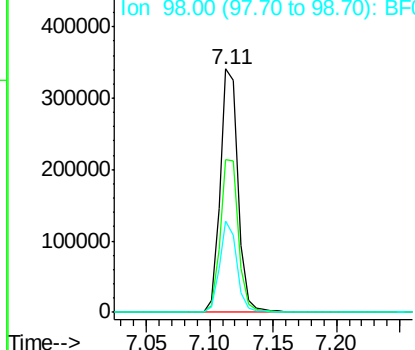
#29
 2,4-Dichlorophenol
 Concen: 51.75 ng
 RT: 7.11 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.6	84.6
98	37.7	14.8	54.8

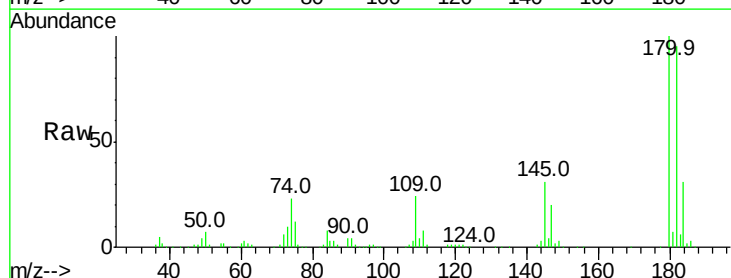


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

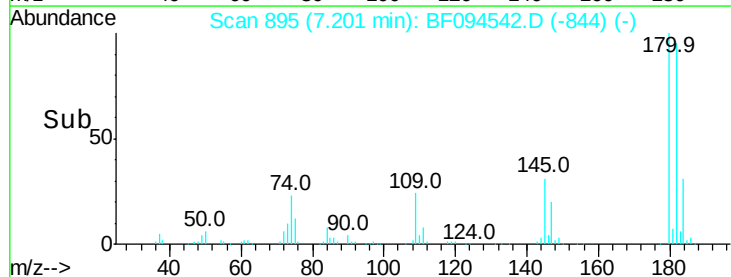
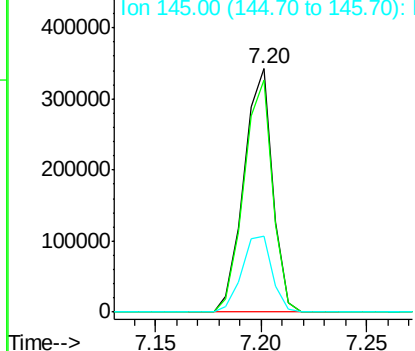


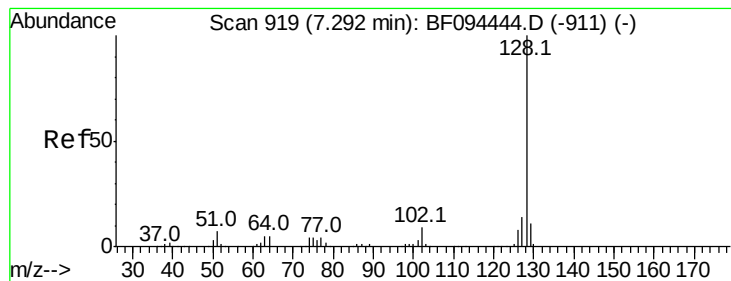
#30
 1,2,4-Trichlorobenzene
 Concen: 47.72 ng
 RT: 7.20 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.8	113.6
145	31.2	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: 48.66 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

Instrument :

BNA_F

ClientSampleId :

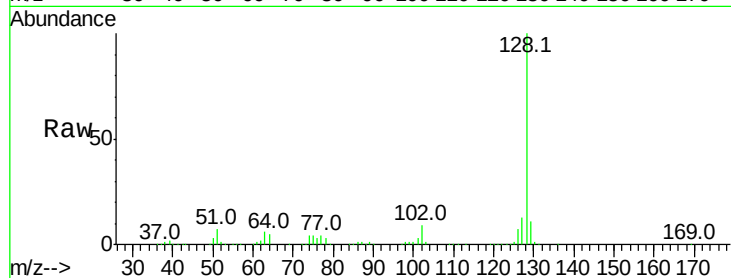
Tot Ion:128 Resp: 1104298

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

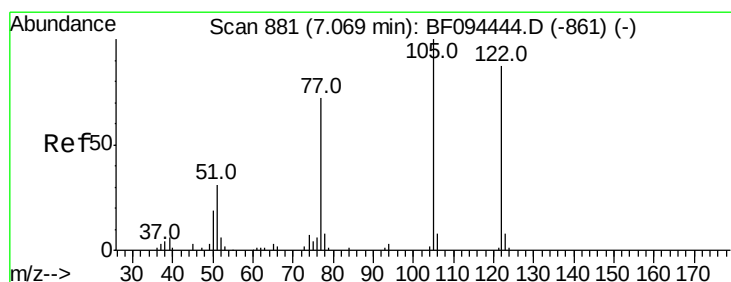
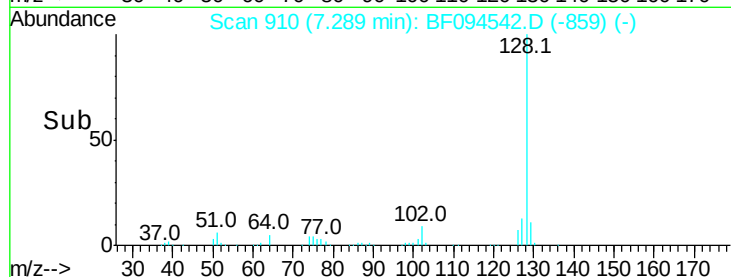
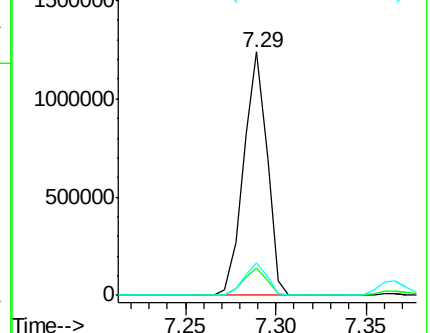
127 13.4 10.8 16.2



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: 5.33 ng

RT: 7.01 min Scan# 862

Delta R.T. -0.06 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

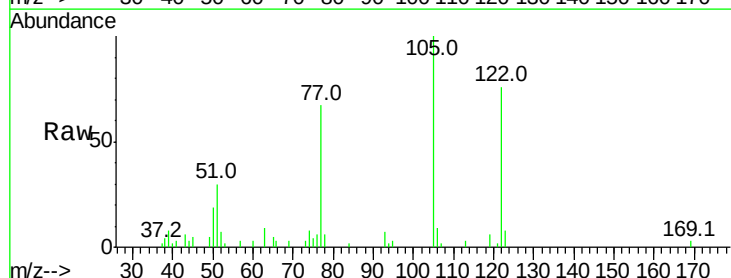
Tgt Ion:122 Resp: 19811

Ion Ratio Lower Upper

122 100

105 131.1 103.3 143.3

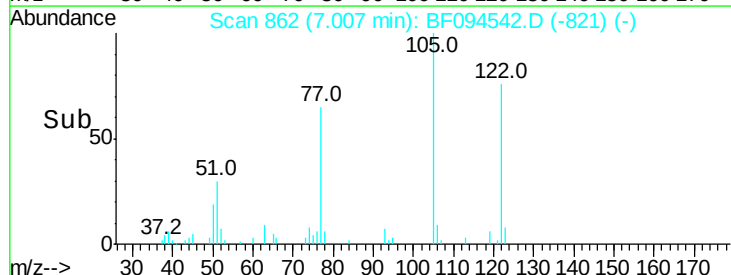
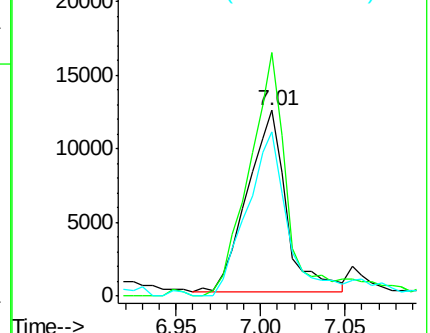
77 88.3 73.7 113.7

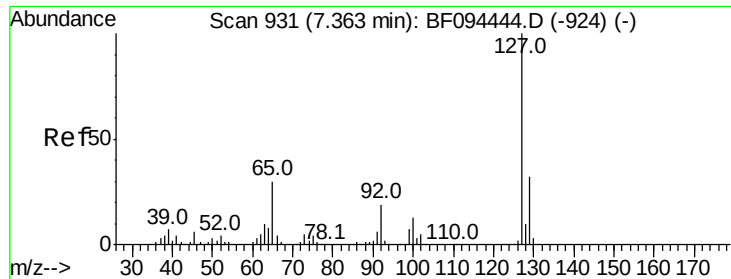


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

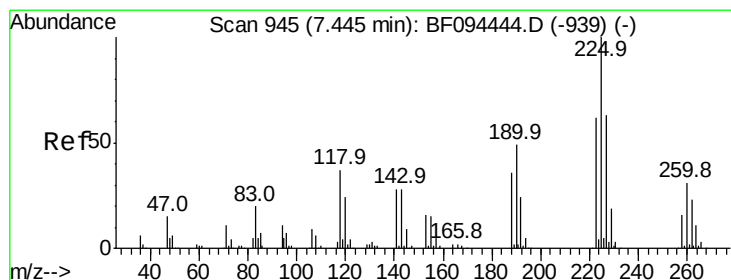
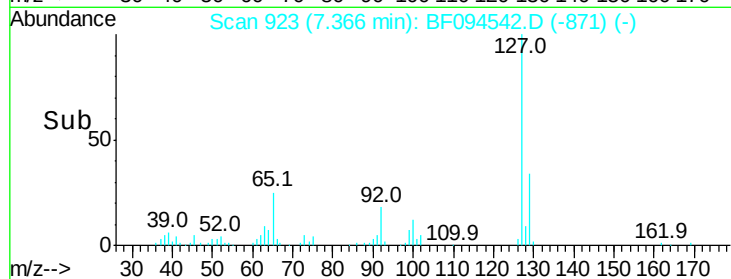
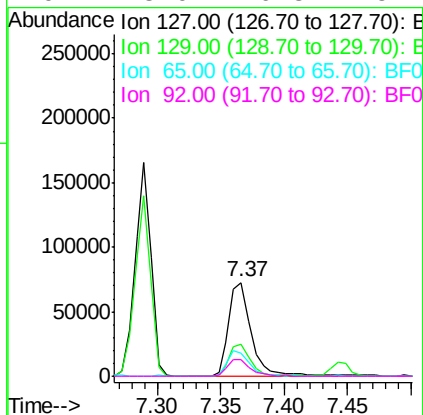
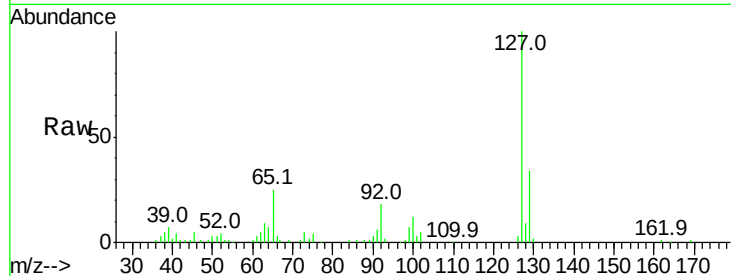




#33
 4-Chloroaniline
 Concen: 9.62 ng
 RT: 7.37 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

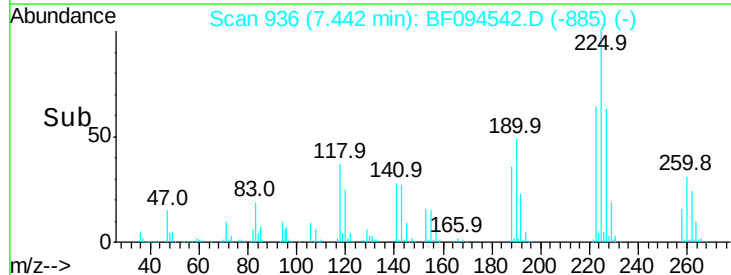
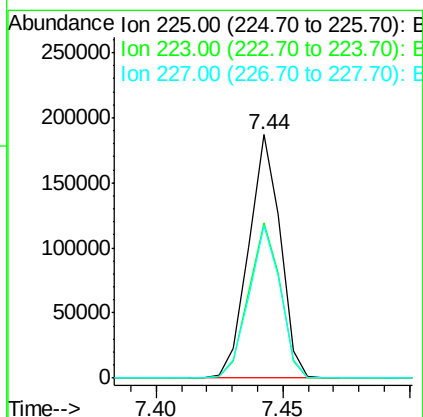
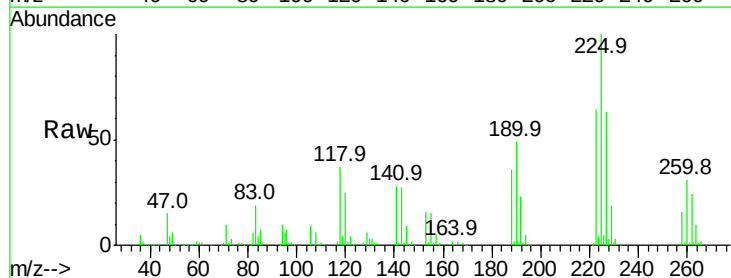
Instrument :
 BNA_F
 ClientSampleId :

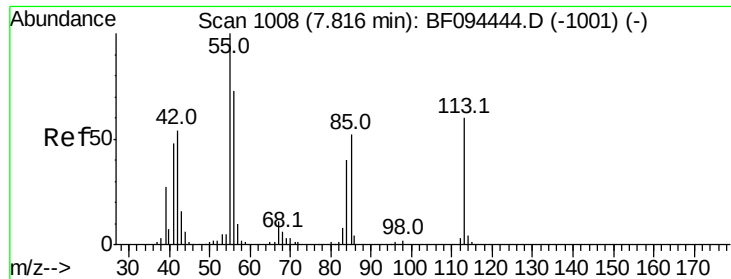
Tot Ion:	127	Resp:	90848
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.2	39.2
65	25.2	27.8	41.8#
92	18.0	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 48.31 ng
 RT: 7.44 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

Tgt Ion:	225	Resp:	162755
Ion	Ratio	Lower	Upper
225	100		
223	63.9	48.8	73.2
227	62.8	51.1	76.7





#35

Caprolactam

Concen: 30.80 ng

RT: 7.83 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

Instrument :

BNA_F

ClientSampled :

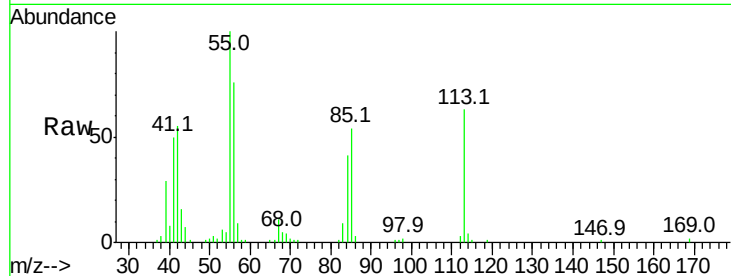
Tot Ion:113 Resp: 63250

Ion Ratio Lower Upper

113 100

55 158.0 150.2 190.2

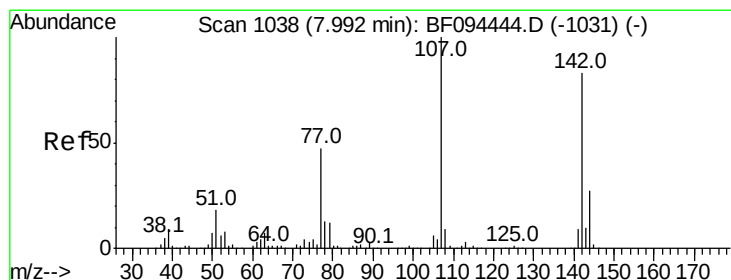
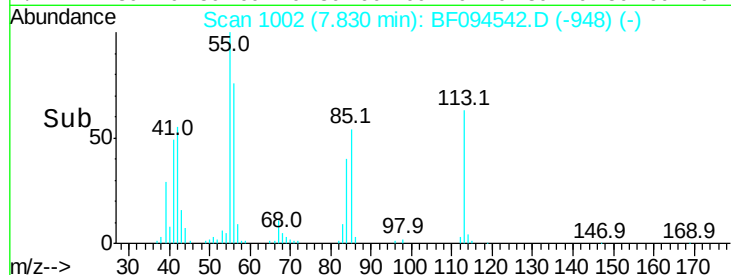
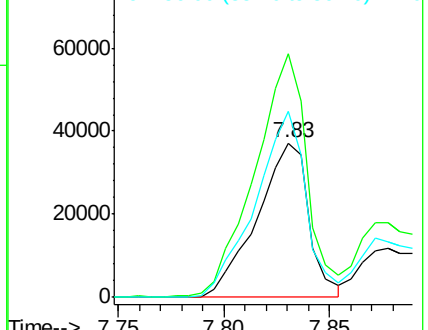
56 120.8 107.8 147.8



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: 51.77 ng

RT: 8.00 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

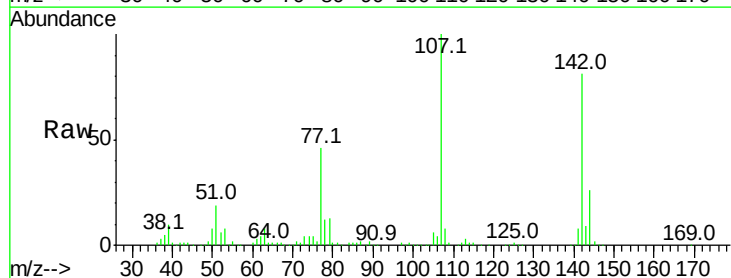
Tgt Ion:107 Resp: 354613

Ion Ratio Lower Upper

107 100

144 25.8 24.2 36.4

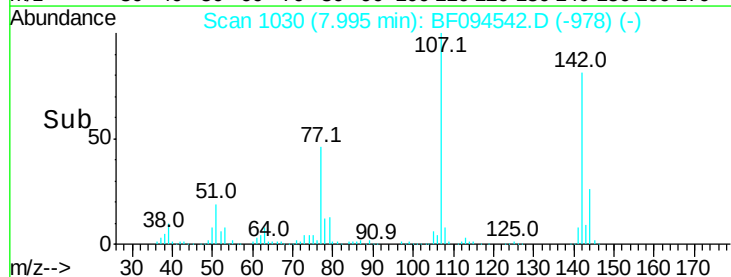
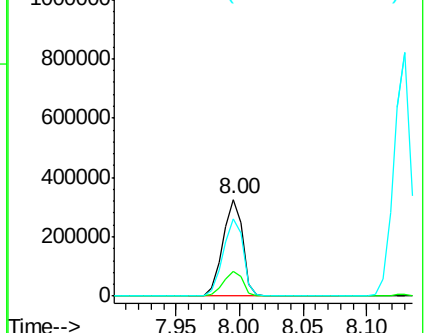
142 80.6 73.4 110.0

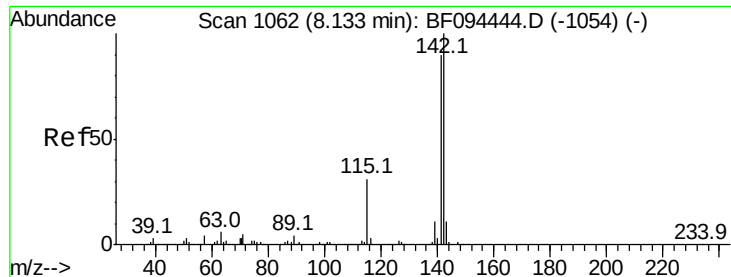


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.20 ng

RT: 8.13 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

Instrument :

BNA_F

ClientSampled :

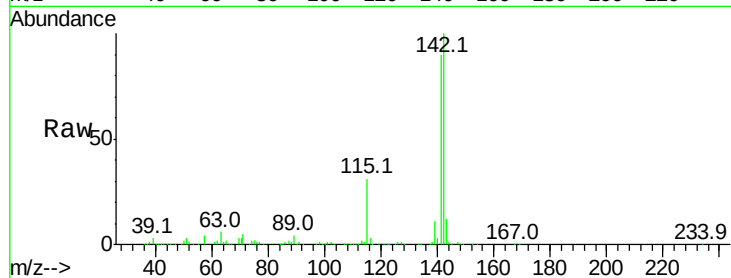
Tot Ion:142 Resp: 763961

Ion Ratio Lower Upper

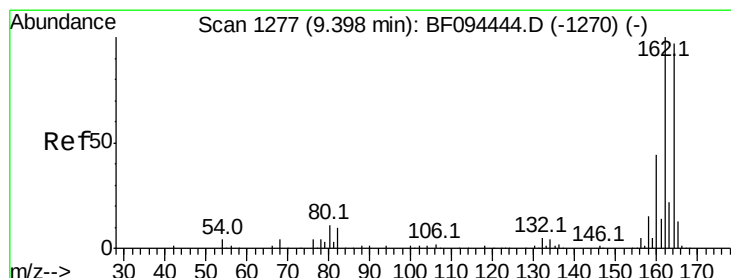
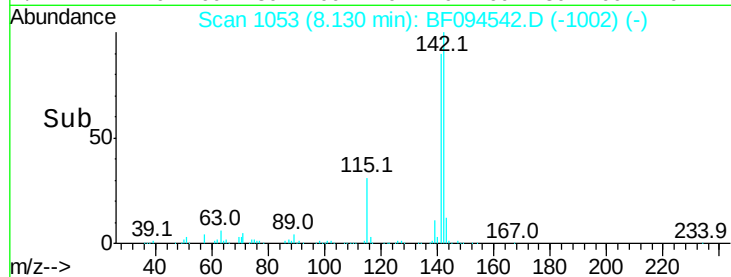
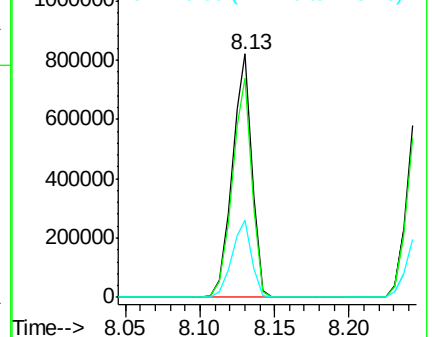
142 100

141 89.9 71.3 106.9

115 31.5 27.1 40.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

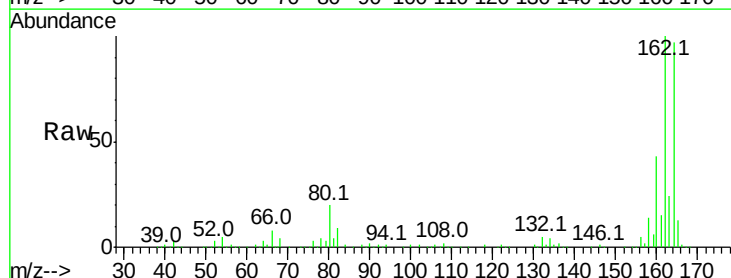
Tgt Ion:164 Resp: 219337

Ion Ratio Lower Upper

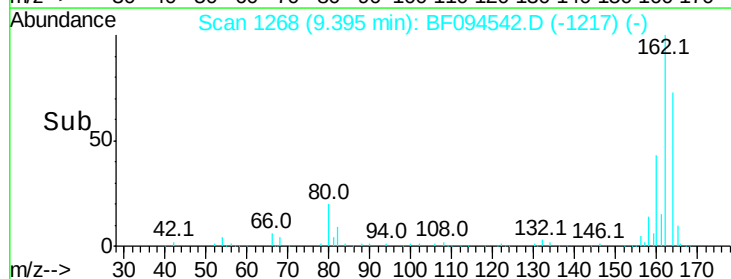
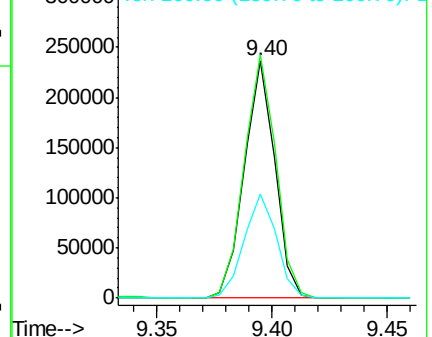
164 100

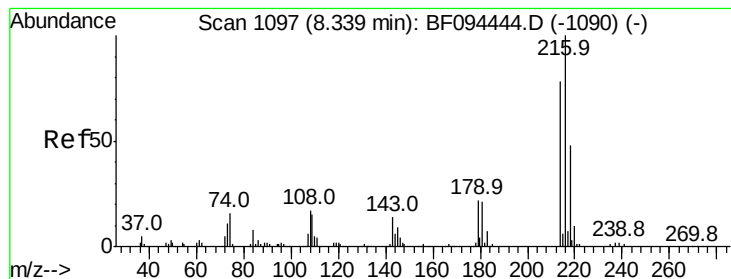
162 102.6 82.6 123.8

160 43.9 36.2 54.2



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

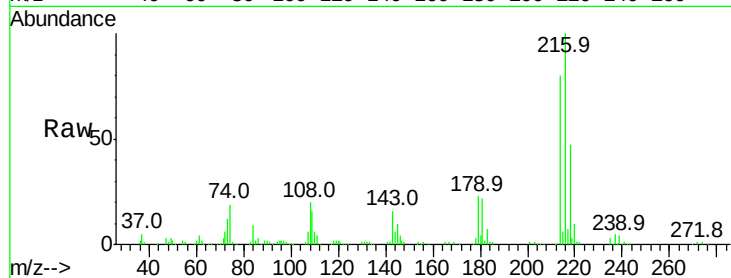




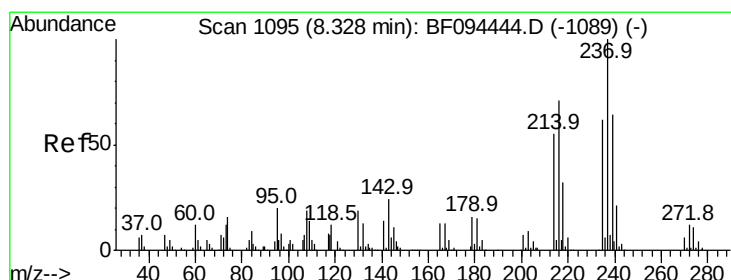
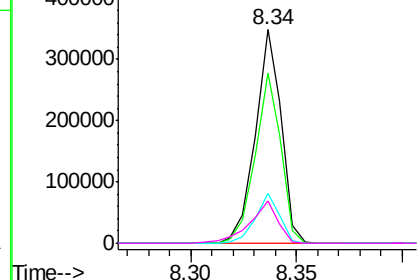
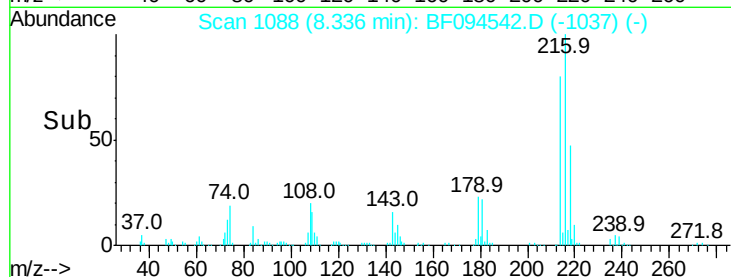
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.48 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	296521
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.2
179	22.2	17.9	26.9
108	21.8	16.5	24.7

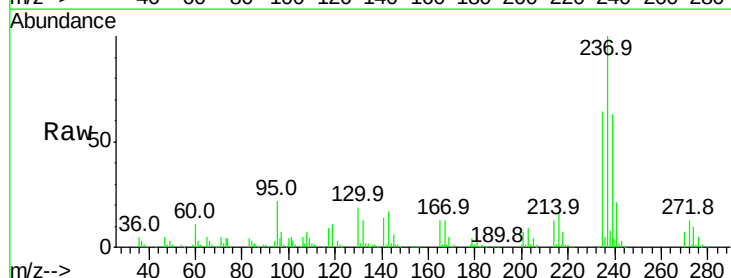


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

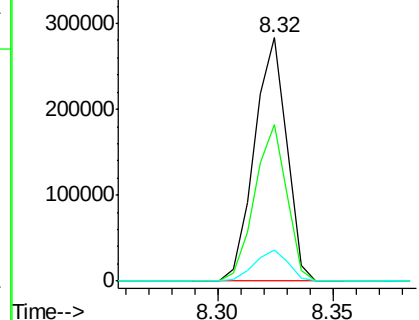
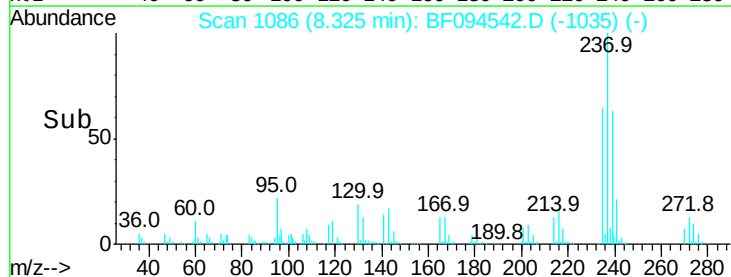


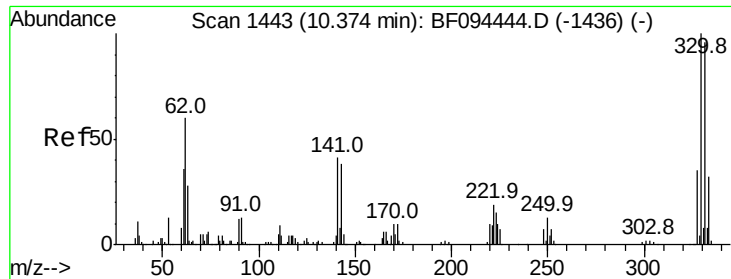
#40
 Hexachlorocyclopentadiene
 Concen: 109.77 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

Tgt Ion:	237	Resp:	277356
Ion	Ratio	Lower	Upper
237	100		
235	64.1	42.6	82.6
272	13.0	0.0	31.9



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





#41

2,4,6-Tribromophenol

Concen: 159.36 ng

RT: 10.38 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

Instrument :

BNA_F

ClientSampleId :

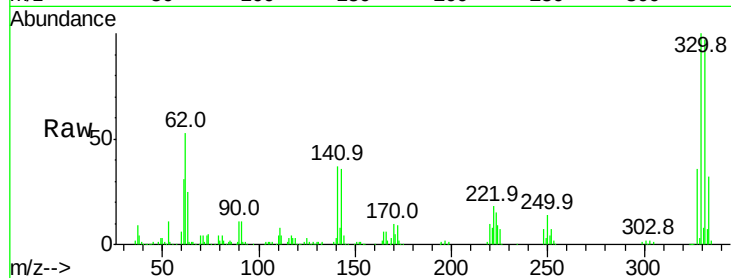
Tot Ion:330 Resp: 273407

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

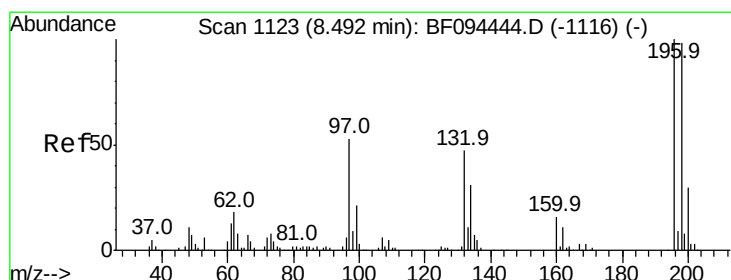
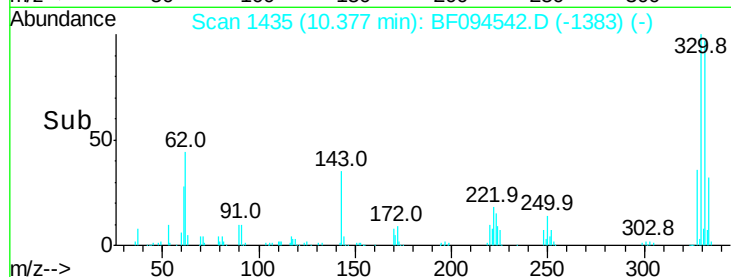
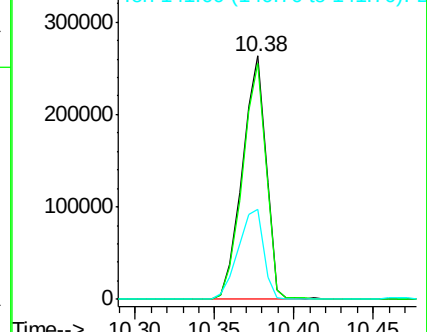
141 39.7 31.4 47.2



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: 51.85 ng

RT: 8.49 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

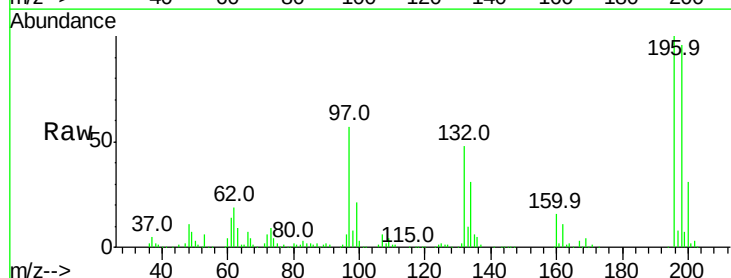
Tgt Ion:196 Resp: 227409

Ion Ratio Lower Upper

196 100

198 95.6 74.2 111.4

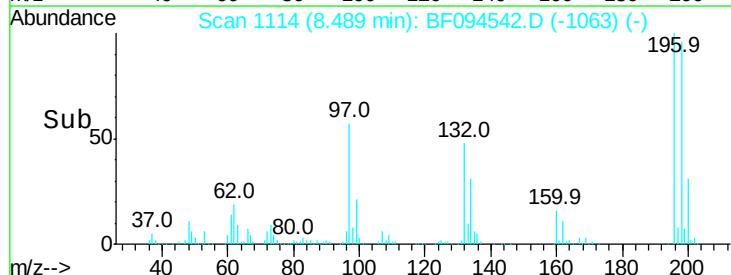
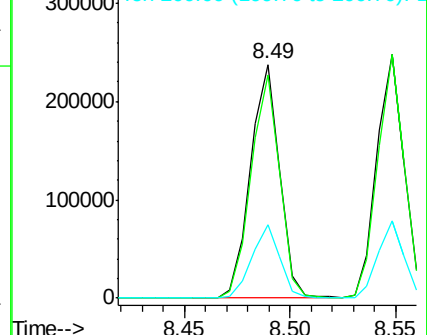
200 31.3 24.0 36.0

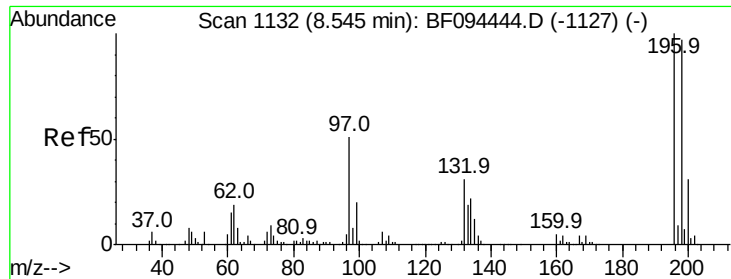


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

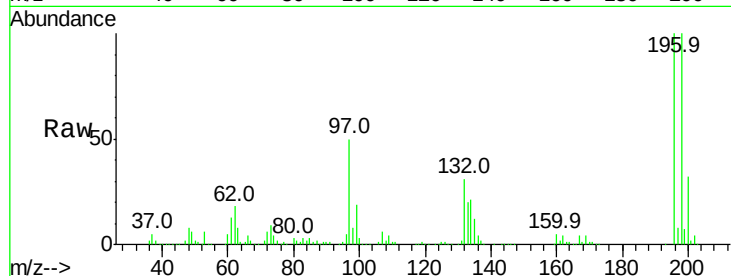




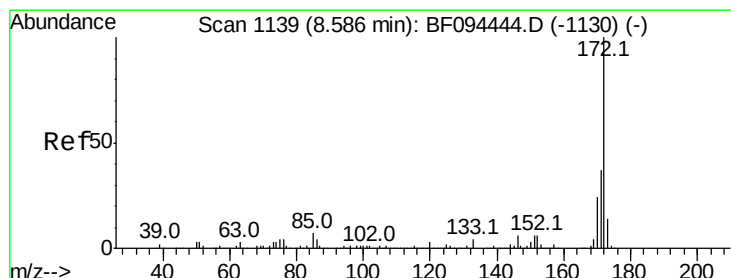
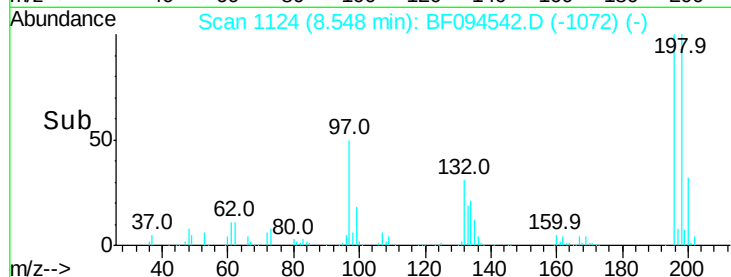
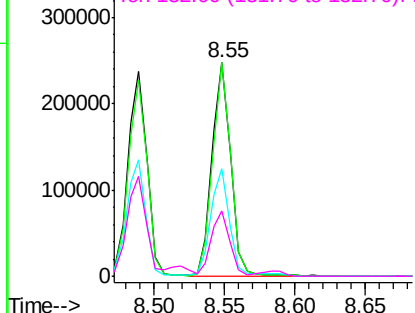
#43
 2,4,5-Trichlorophenol
 Concen: 50.80 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 228805
 Ion Ratio Lower Upper
 196 100
 198 100.0 75.7 113.5
 97 50.3 47.7 71.5
 132 30.7 28.0 42.0

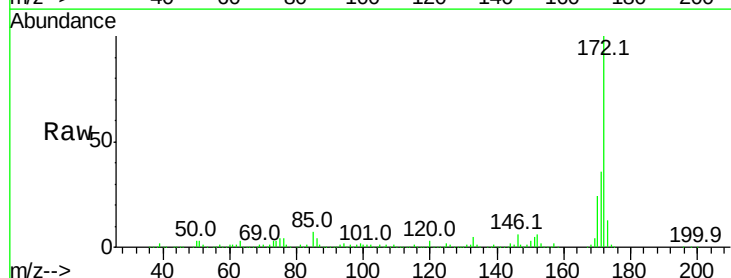


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

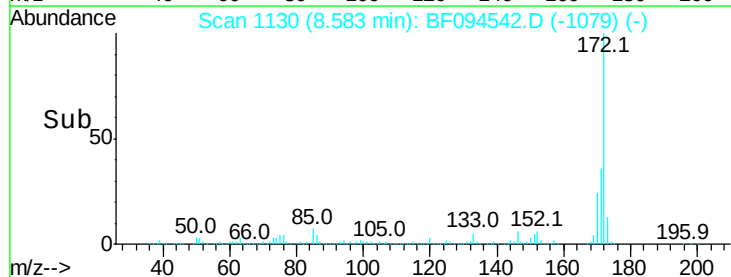
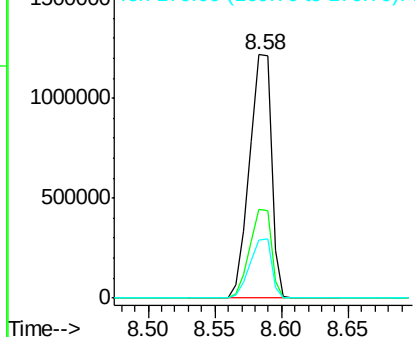


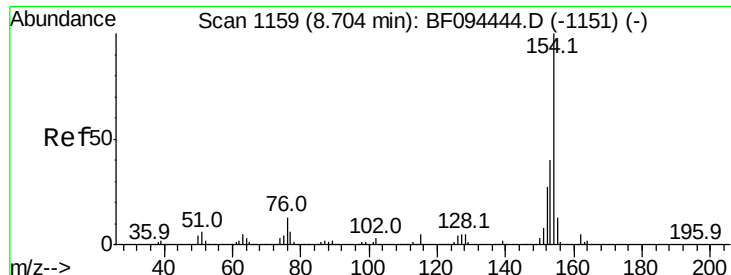
#44
 2-Fluorobiphenyl
 Concen: 91.72 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

Tgt Ion:172 Resp: 1367252
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 23.6 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 45.73 ng

RT: 8.70 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

Instrument :

BNA_F

ClientSampleId :

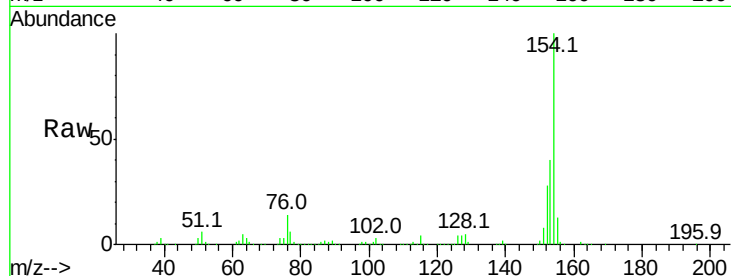
Tot Ion:154 Resp: 819574

Ion Ratio Lower Upper

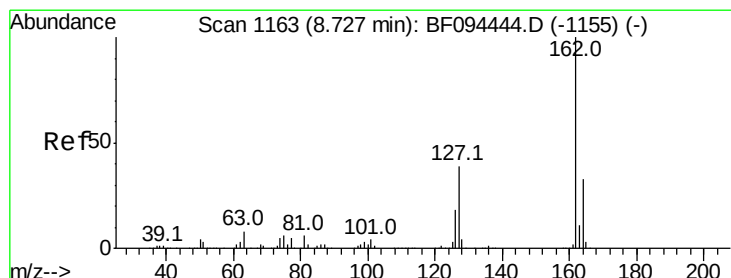
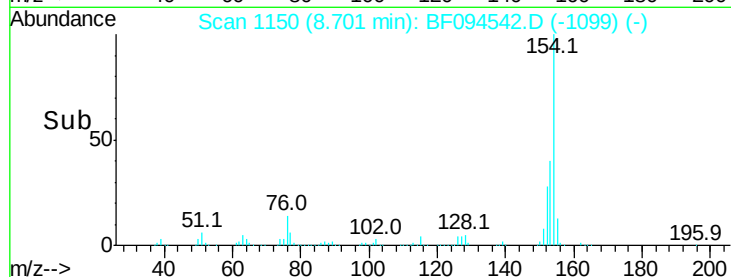
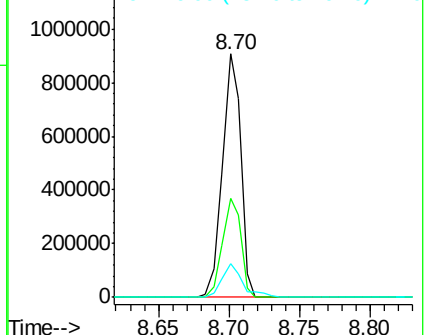
154 100

153 40.5 21.2 61.2

76 13.7 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): E



#46

2-Chloronaphthalene

Concen: 47.88 ng

RT: 8.72 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

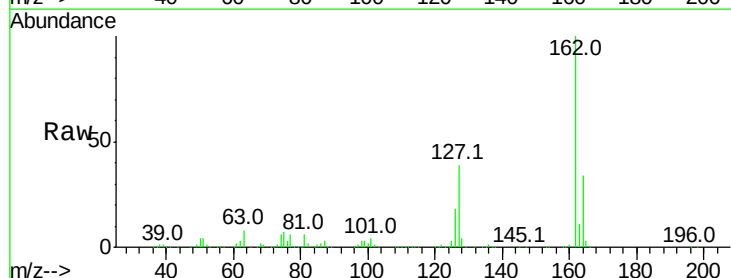
Tgt Ion:162 Resp: 682326

Ion Ratio Lower Upper

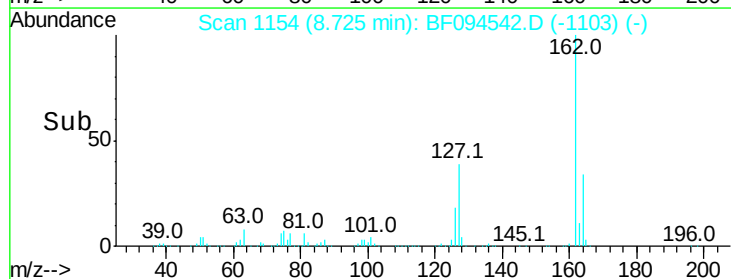
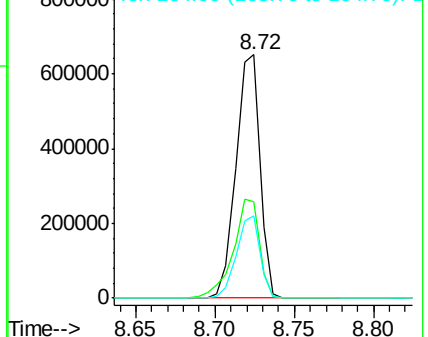
162 100

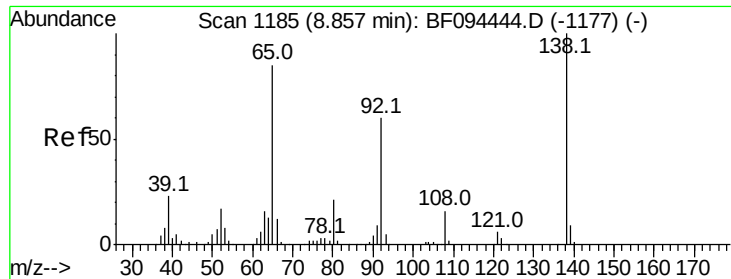
127 39.4 28.3 42.5

164 33.8 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

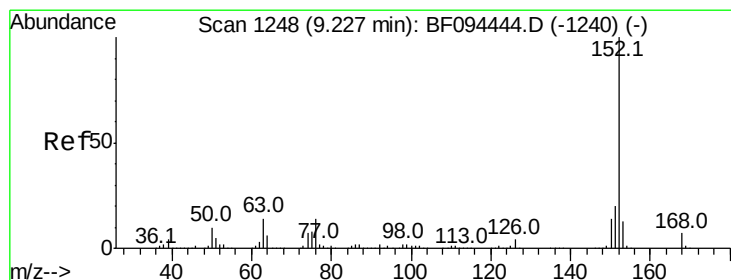
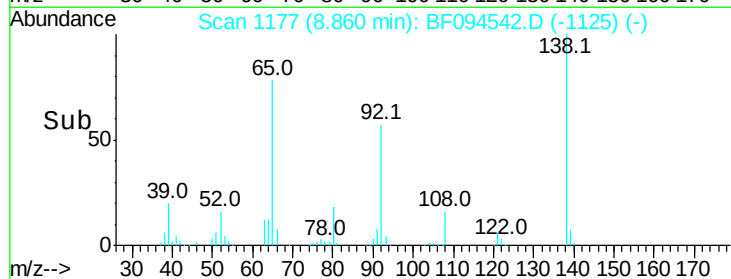
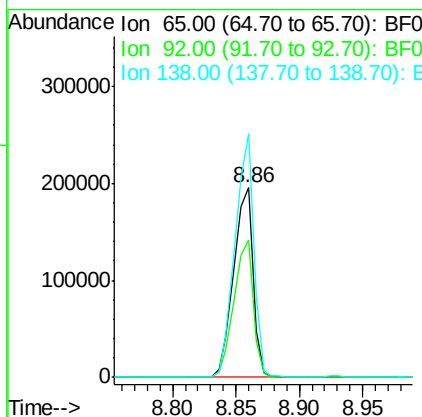
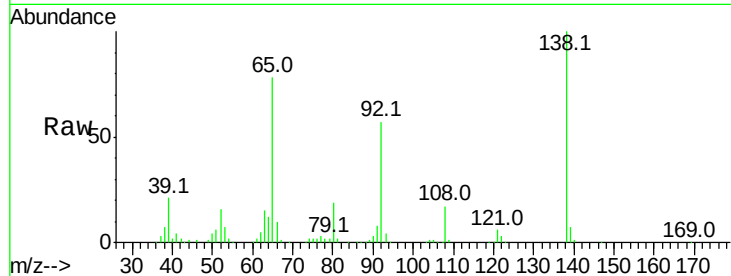




#47
 2-Nitroaniline
 Concen: 50.50 ng
 RT: 8.86 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

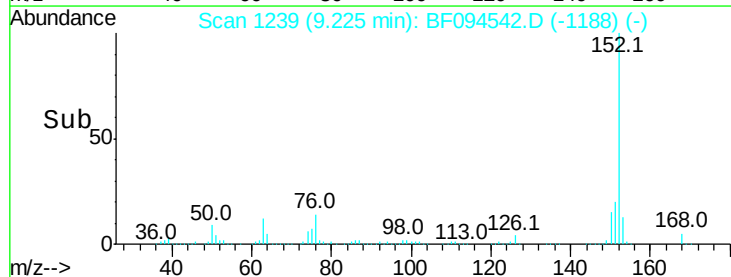
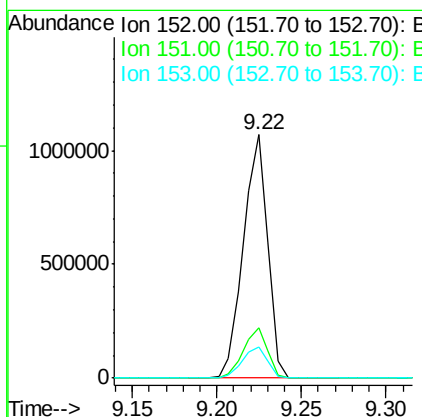
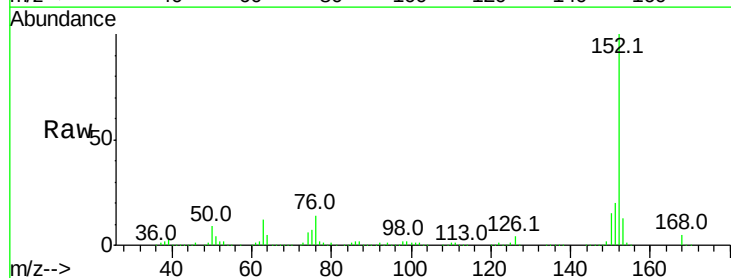
Instrument :
 BNA_F
 ClientSampleId :

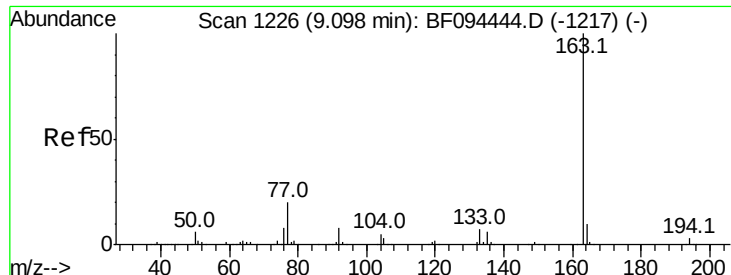
Tot Ion: 65 Resp: 207013
 Ion Ratio Lower Upper
 65 100
 92 72.7 53.9 80.9
 138 128.4 78.8 118.2#



#48
 Acenaphthylene
 Concen: 48.51 ng
 RT: 9.22 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

Tgt Ion:152 Resp: 1077648
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 12.9 10.8 16.2





#49

Dimethylphthalate

Concen: 61.44 ng

RT: 9.10 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

Instrument :

BNA_F

ClientSampleId :

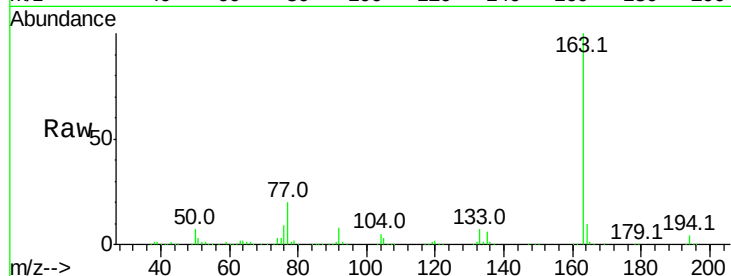
Tot Ion:163 Resp: 1004335

Ion Ratio Lower Upper

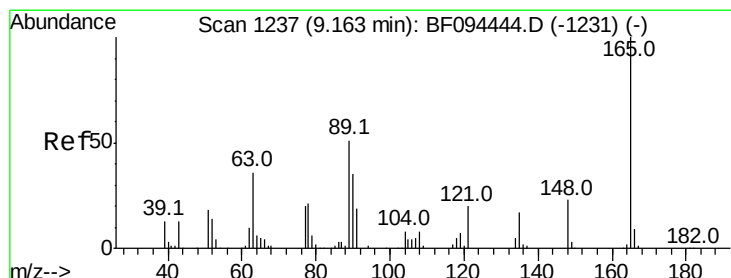
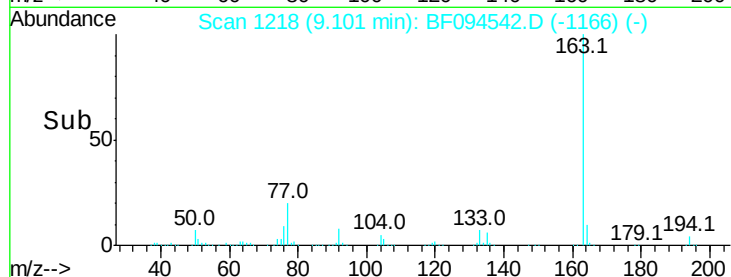
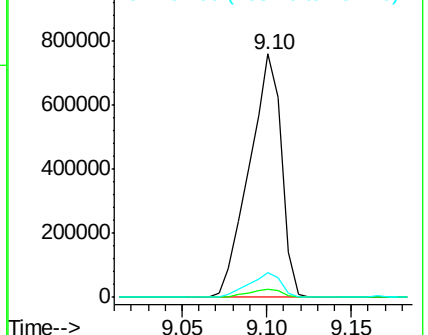
163 100

194 3.5 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: 52.04 ng

RT: 9.17 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

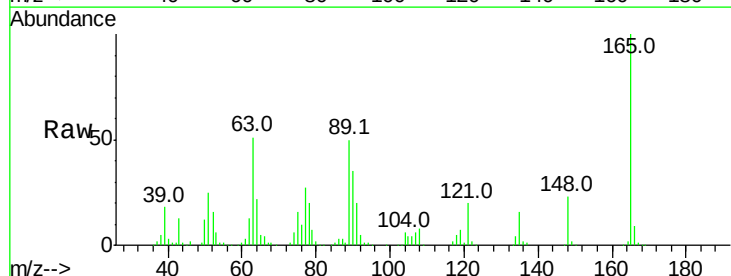
Tgt Ion:165 Resp: 190943

Ion Ratio Lower Upper

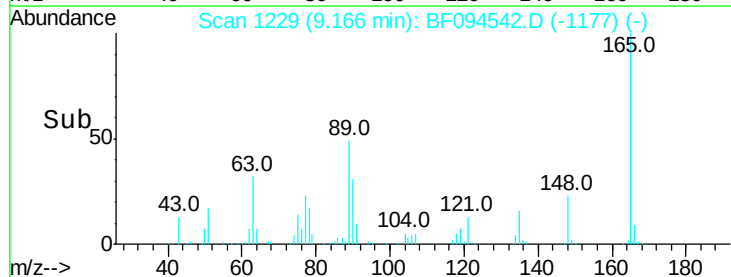
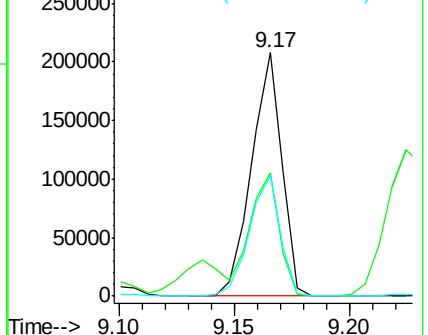
165 100

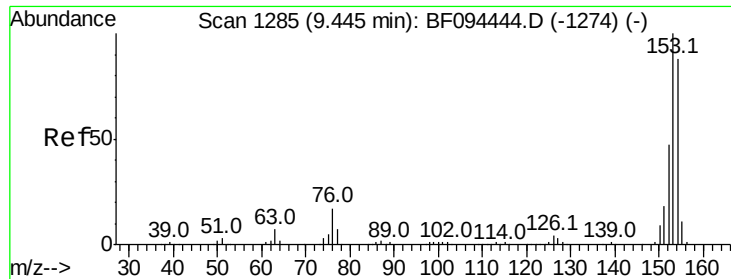
63 50.8 34.3 51.5

89 49.8 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

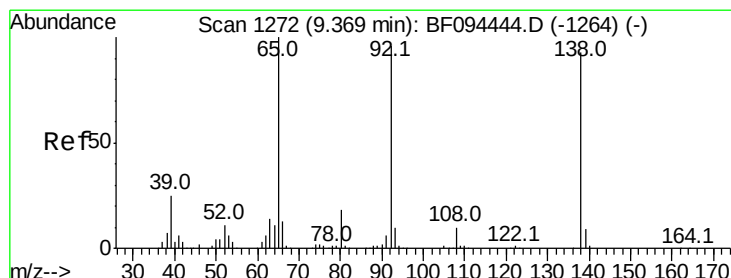
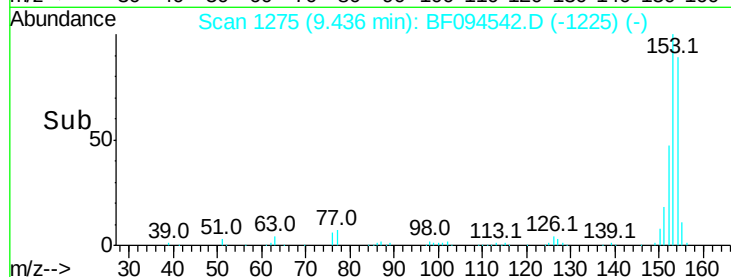
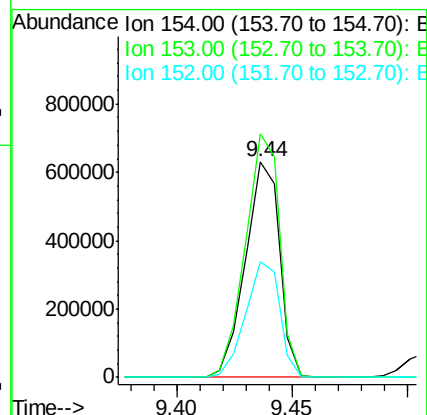
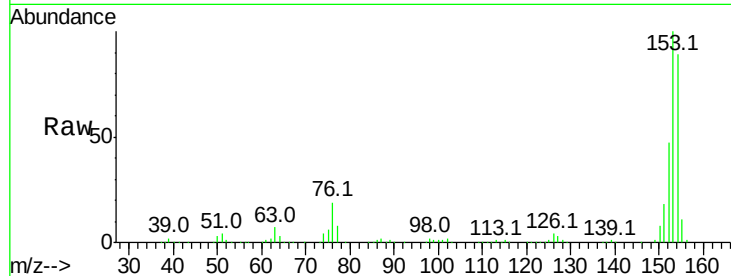




#51
Acenaphthene
Concen: 49.15 ng
RT: 9.44 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF094542.D
Acq: 20 Apr 2017 14:05

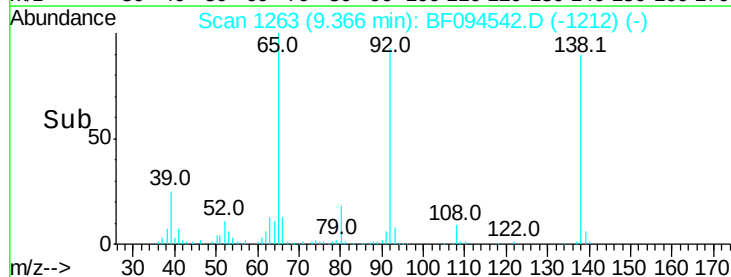
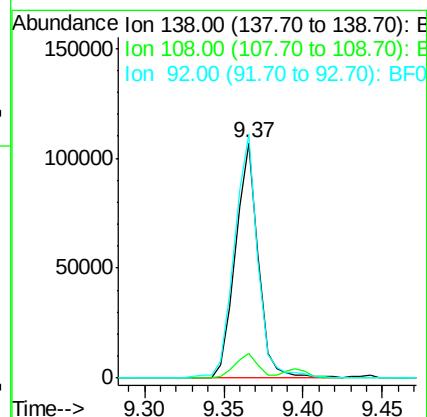
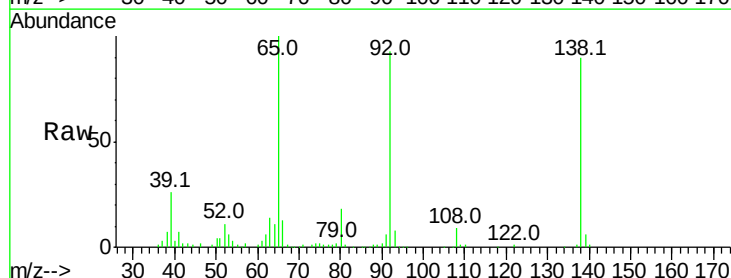
Instrument :
BNA_F
ClientSampled :

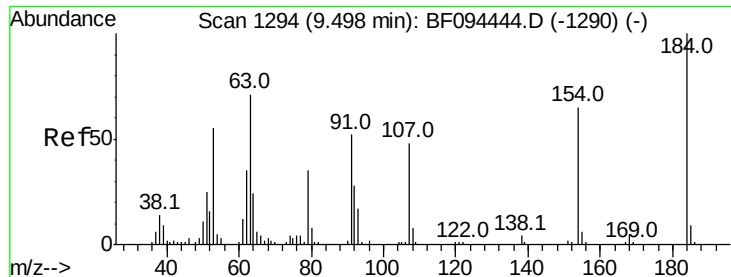
Tot Ion:154 Resp: 653918
Ion Ratio Lower Upper
154 100
153 113.0 90.5 135.7
152 53.4 43.6 65.4



#52
3-Nitroaniline
Concen: 25.19 ng
RT: 9.37 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF094542.D
Acq: 20 Apr 2017 14:05

Tgt Ion:138 Resp: 106936
Ion Ratio Lower Upper
138 100
108 10.3 9.1 13.7
92 103.6 93.8 140.6

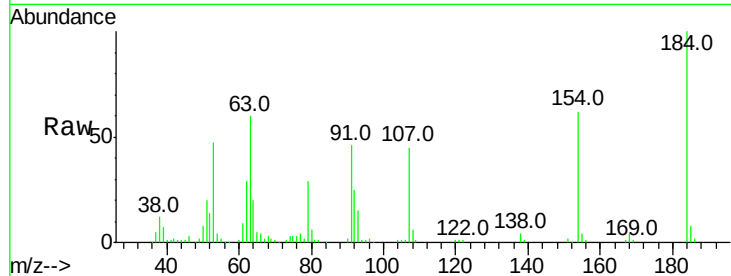




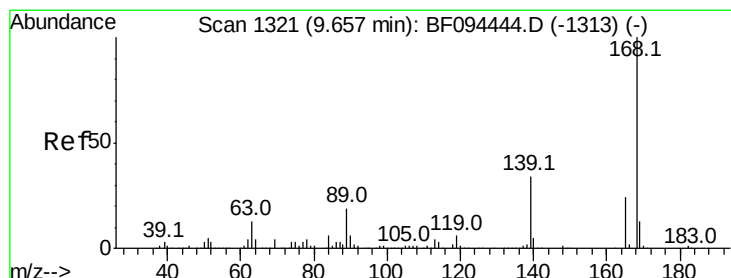
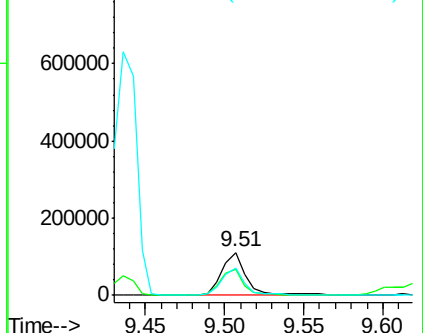
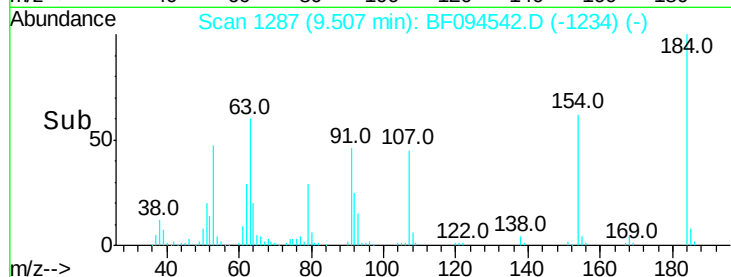
#53
 2,4-Dinitrophenol
 Concen: 61.22 ng
 RT: 9.51 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 118977
 Ion Ratio Lower Upper
 184 100
 63 59.7 62.7 94.1#
 154 61.8 81.1 121.7#

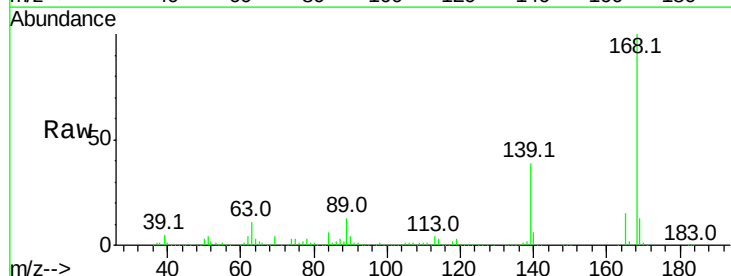


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

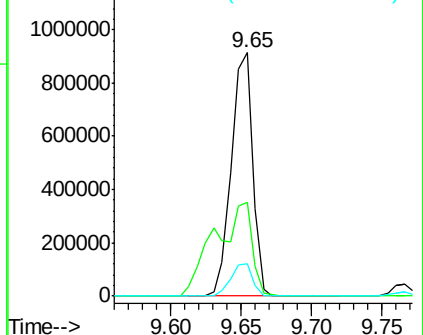
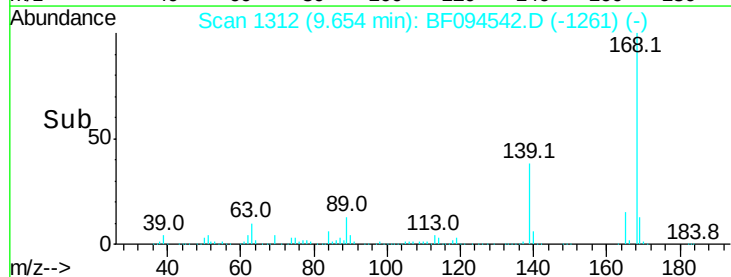


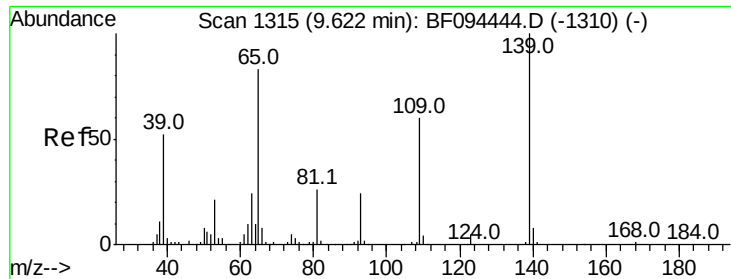
#54
 Dibenzofuran
 Concen: 49.77 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

Tgt Ion:168 Resp: 962476
 Ion Ratio Lower Upper
 168 100
 139 38.6 30.6 45.8
 169 13.4 10.8 16.2



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

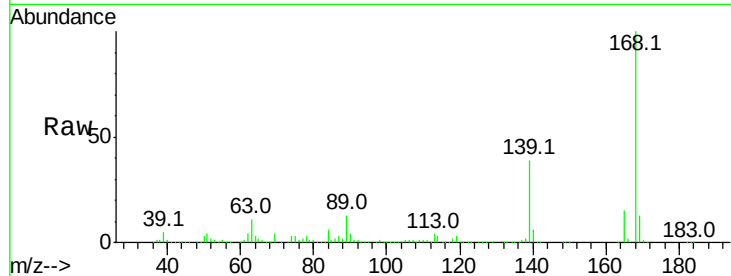




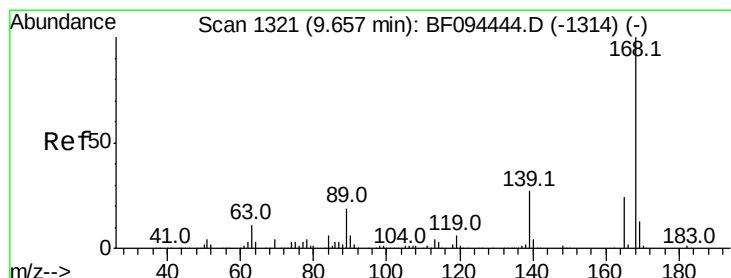
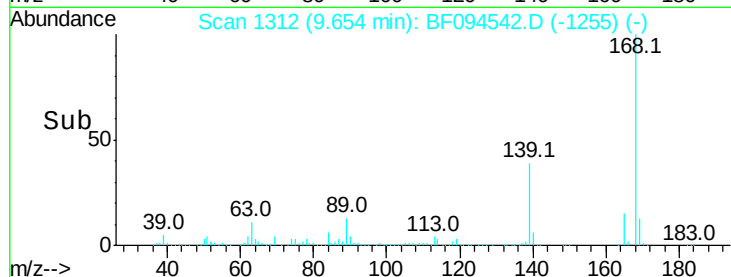
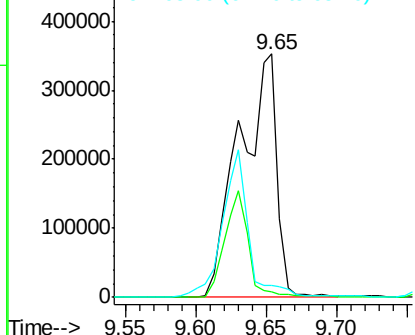
#55
4-Nitrophenol
Concen: 218.47 ng
RT: 9.65 min Scan# 1312
Delta R.T. 0.03 min
Lab File: BF094542.D
Acq: 20 Apr 2017 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 655167
Ion Ratio Lower Upper
139 100
109 2.2 34.1 74.1#
65 4.9 31.4 71.4#



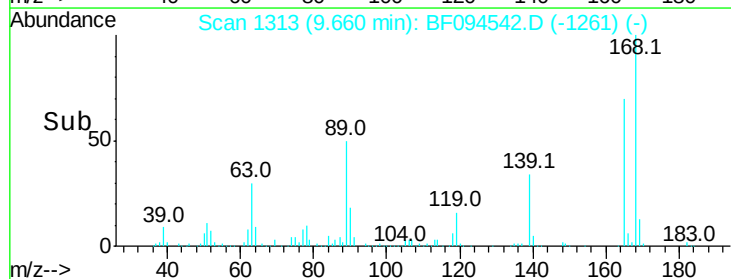
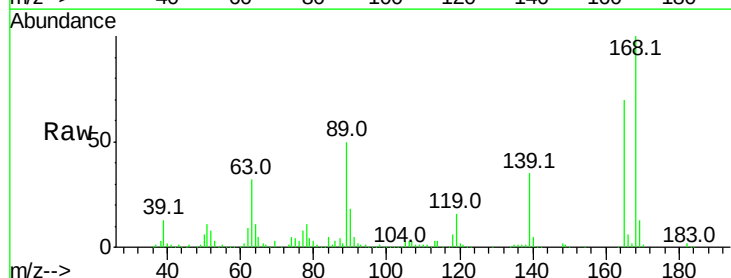
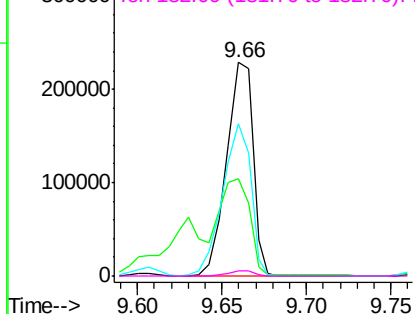
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

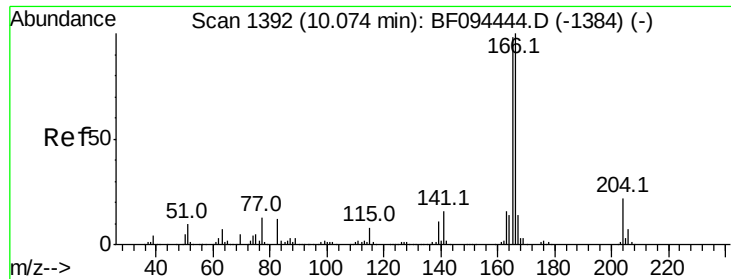


#56
2,4-Dinitrotoluene
Concen: 55.49 ng
RT: 9.66 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF094542.D
Acq: 20 Apr 2017 14:05

Tgt Ion:165 Resp: 249830
Ion Ratio Lower Upper
165 100
63 45.8 25.4 38.0#
89 71.3 46.4 69.6#
182 2.5 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

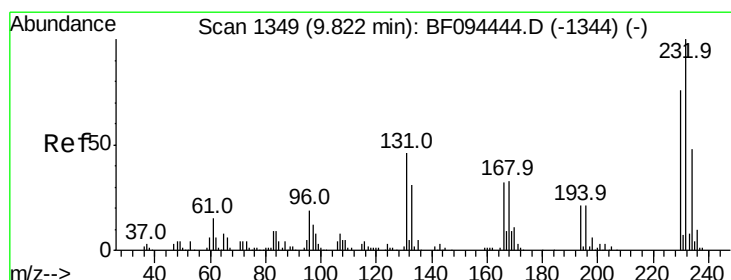
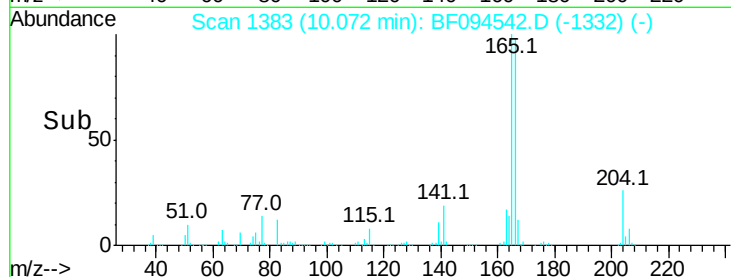
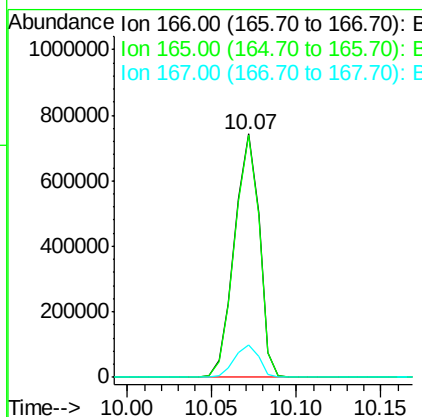
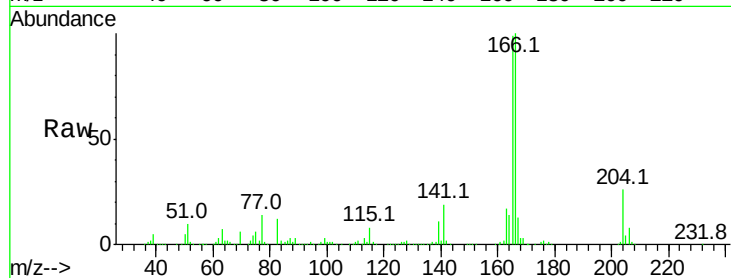




#57
 Fluorene
 Concen: 50.38 ng
 RT: 10.07 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

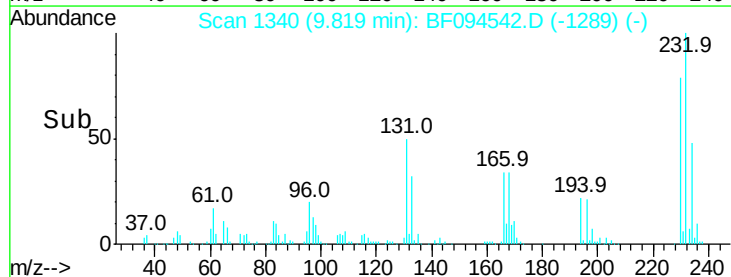
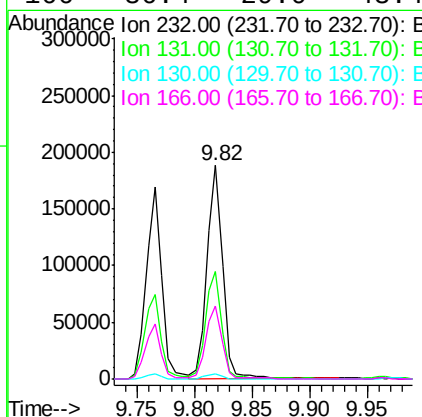
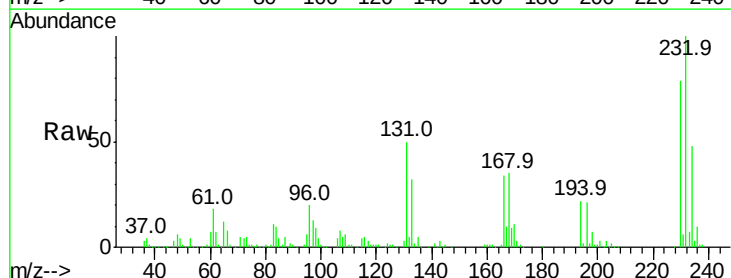
Instrument :
 BNA_F
 ClientSampleId :

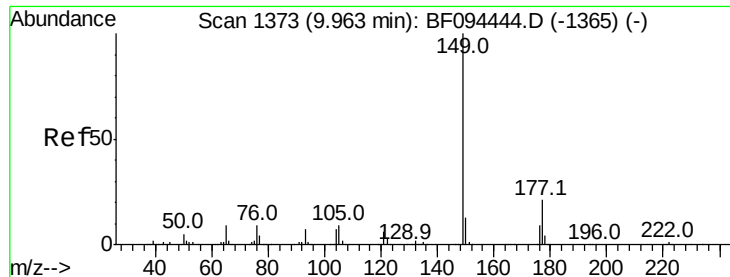
Tot Ion:166 Resp: 758685
 Ion Ratio Lower Upper
 166 100
 165 99.4 78.8 118.2
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.96 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

Tgt Ion:232 Resp: 177424
 Ion Ratio Lower Upper
 232 100
 131 53.5 44.8 67.2
 130 2.6 2.3 3.5
 166 36.4 29.0 43.4

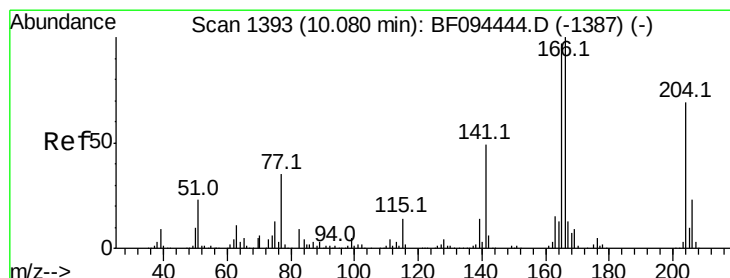
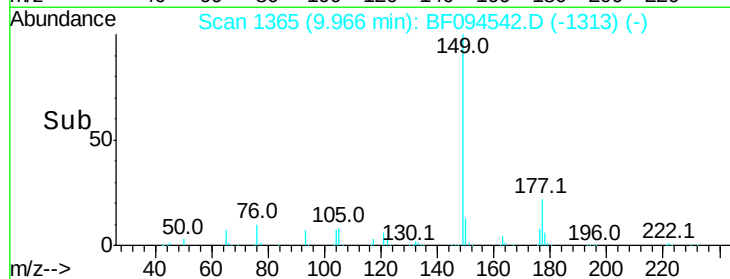
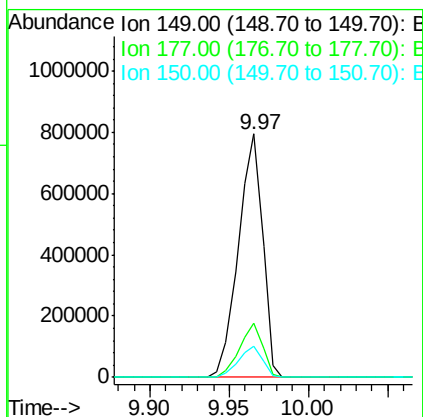
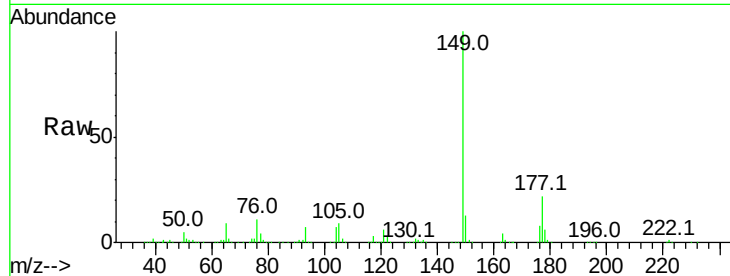




#59
Diethylphthalate
Concen: 54.41 ng
RT: 9.97 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF094542.D
Acq: 20 Apr 2017 14:05

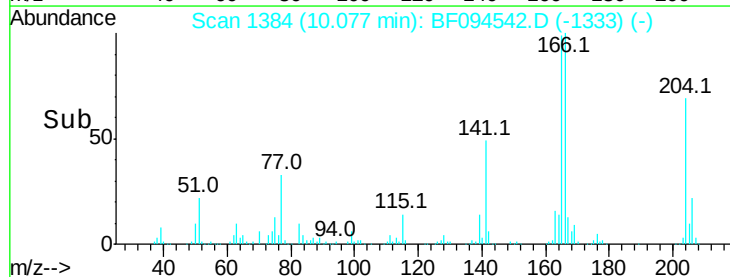
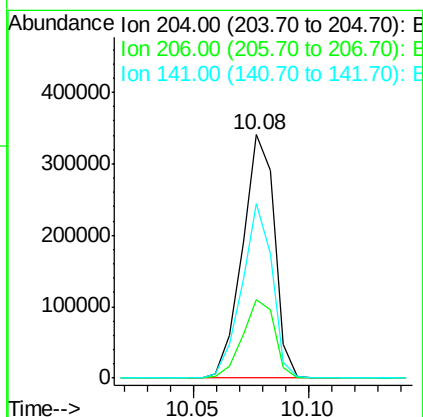
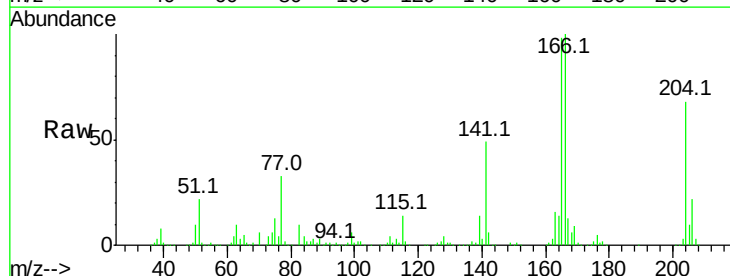
Instrument :
BNA_F
ClientSampleId :

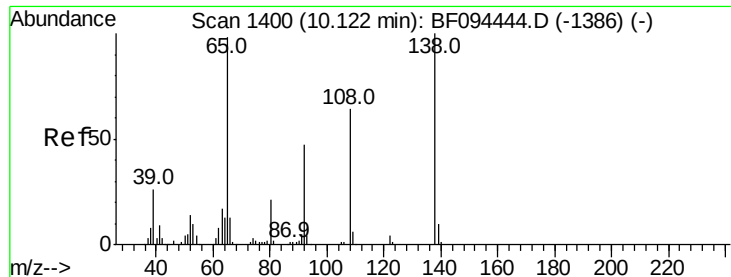
Tot Ion:149 Resp: 839166
Ion Ratio Lower Upper
149 100
177 22.4 16.7 25.1
150 12.9 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 52.88 ng
RT: 10.08 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF094542.D
Acq: 20 Apr 2017 14:05

Tgt Ion:204 Resp: 331393
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 71.7 60.8 91.2

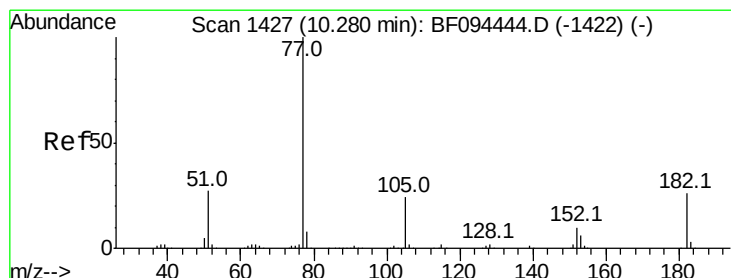
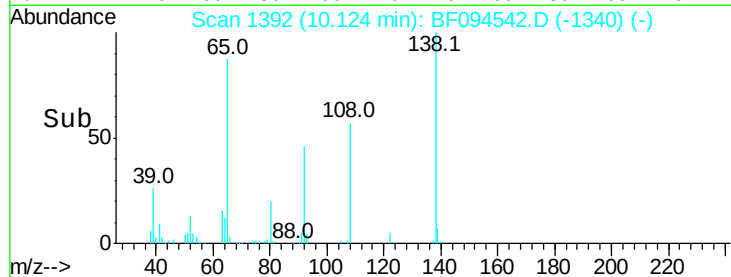
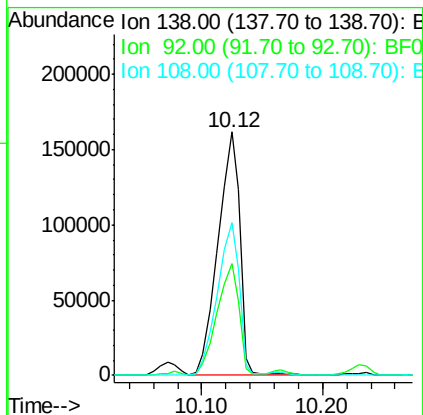
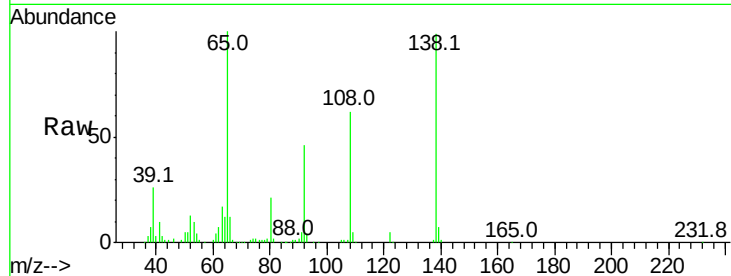




#61
4-Nitroaniline
Concen: 46.93 ng
RT: 10.12 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF094542.D
Acq: 20 Apr 2017 14:05

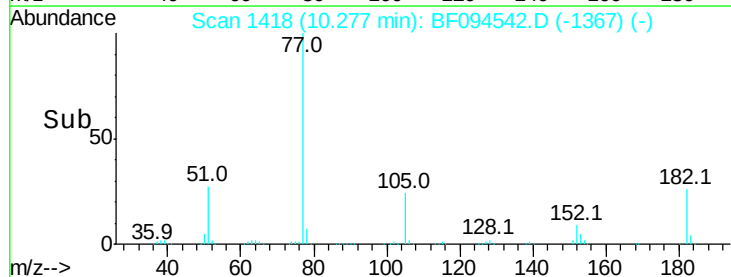
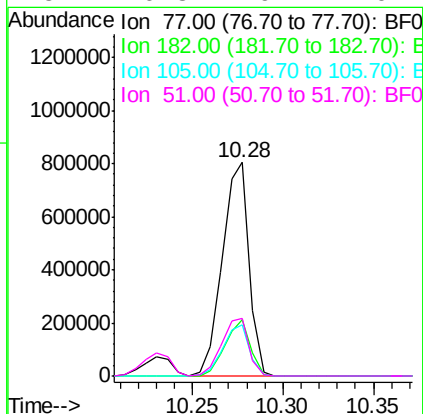
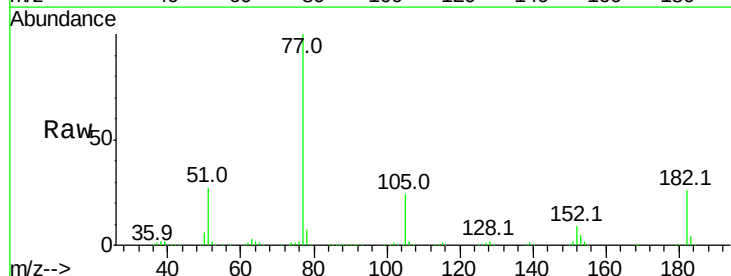
Instrument :
BNA_F
ClientSampleId :

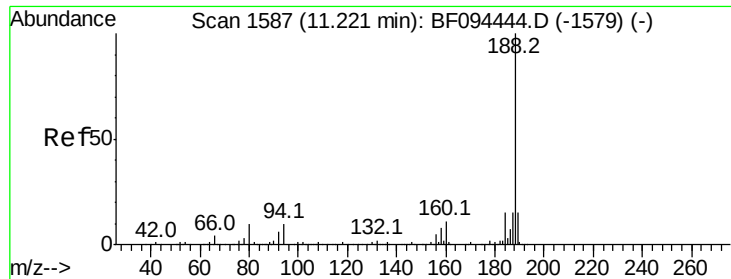
Tot Ion:138 Resp: 202532
Ion Ratio Lower Upper
138 100
92 46.0 21.8 61.8
108 62.7 42.3 82.3



#62
Azobenzene
Concen: 54.84 ng
RT: 10.28 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF094542.D
Acq: 20 Apr 2017 14:05

Tgt Ion: 77 Resp: 821222
Ion Ratio Lower Upper
77 100
182 26.1 0.1 40.1
105 24.2 3.6 43.6
51 26.8 9.4 49.4

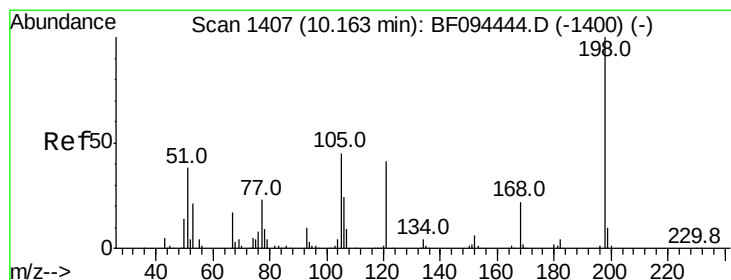
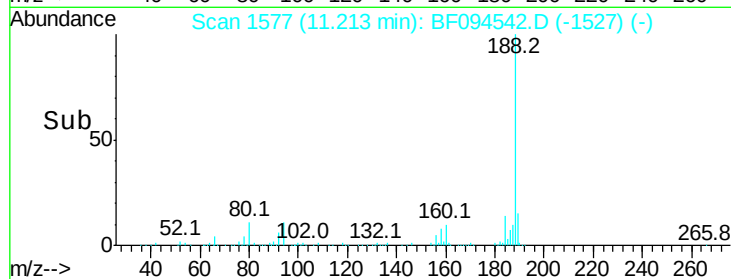
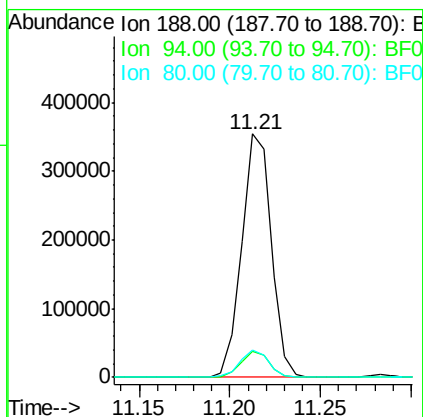
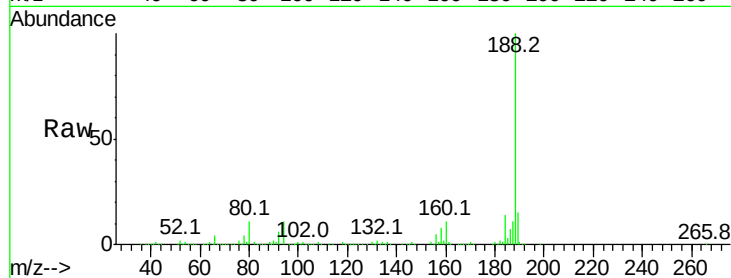




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094542.D
Acq: 20 Apr 2017 14:05

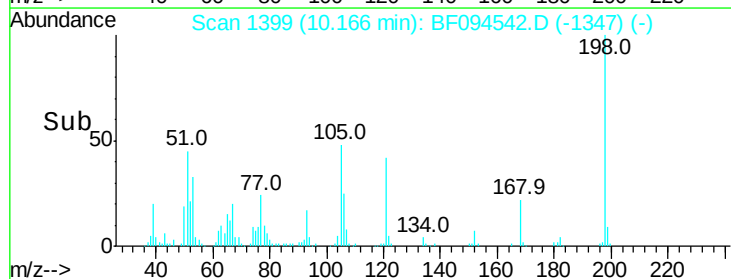
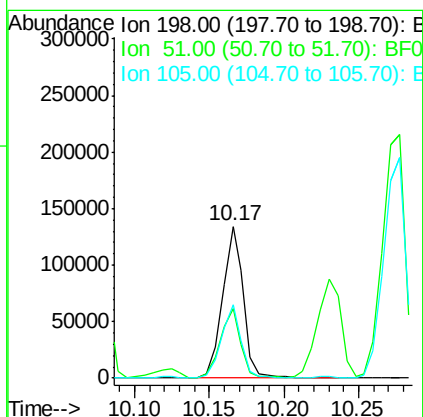
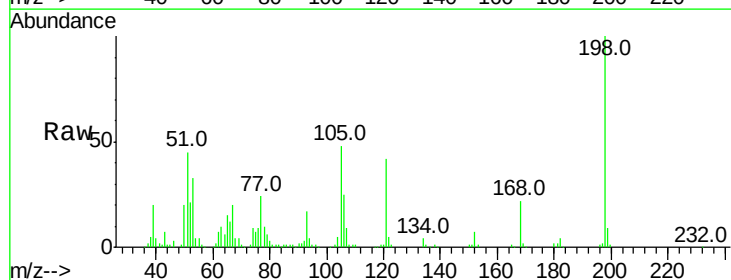
Instrument :
BNA_F
ClientSampleId :

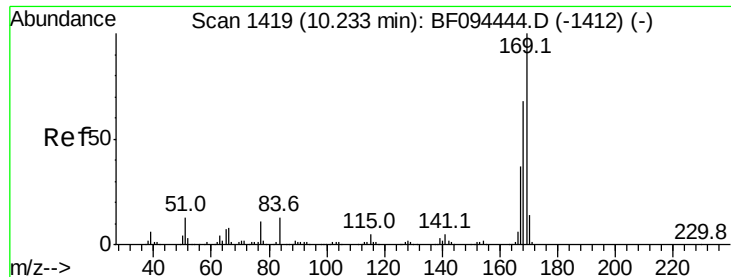
Tot Ion:188 Resp: 400769
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 50.33 ng
RT: 10.17 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF094542.D
Acq: 20 Apr 2017 14:05

Tgt Ion:198 Resp: 132168
Ion Ratio Lower Upper
198 100
51 45.4 53.2 93.2#
105 48.0 45.8 85.8

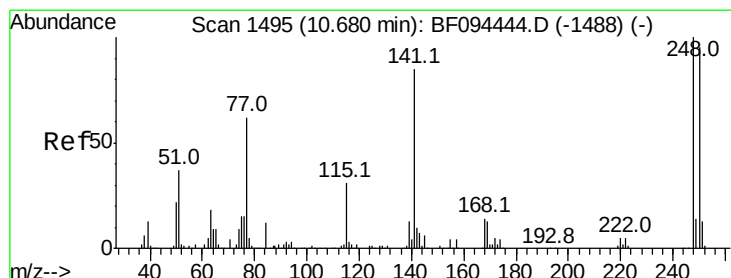
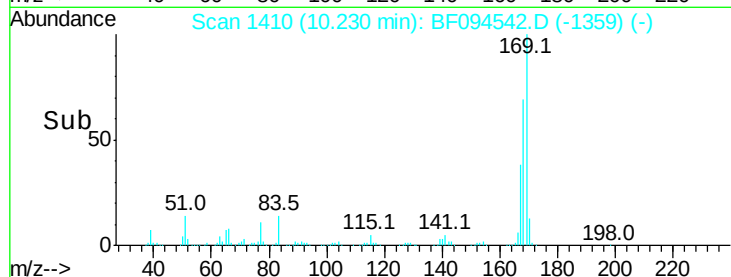
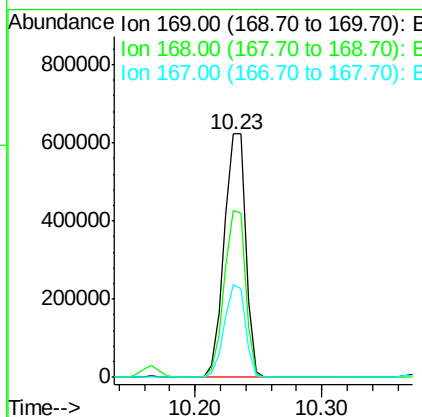
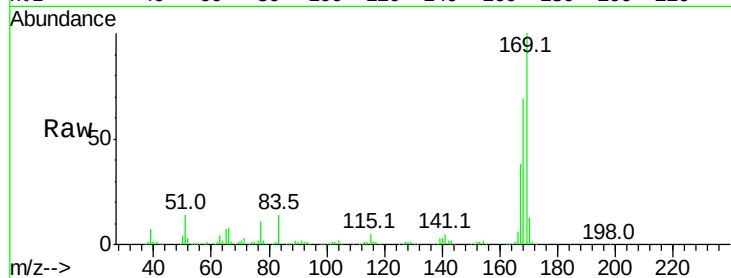




#65
 n-Nitrosodiphenylamine
 Concen: 52.30 ng
 RT: 10.23 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

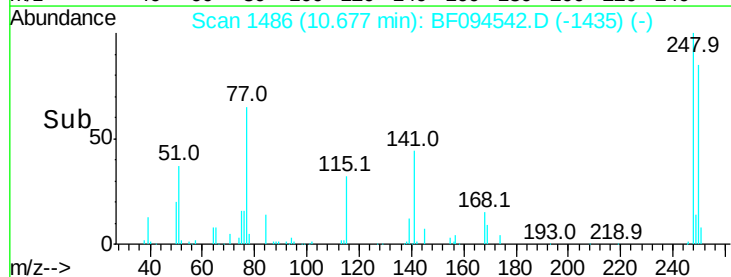
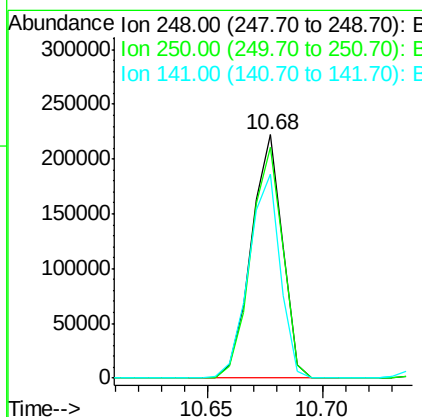
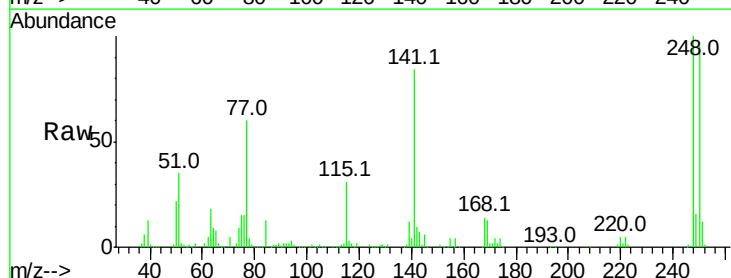
Instrument :
 BNA_F
 ClientSampled :

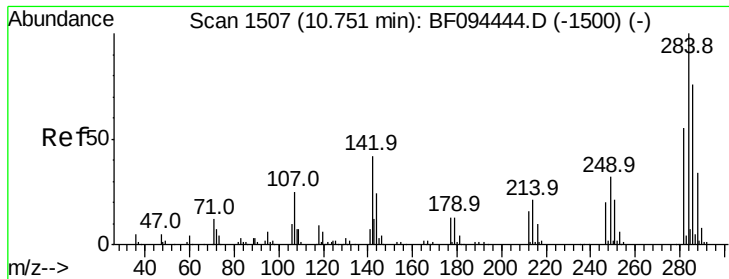
Tot Ion:169 Resp: 729004
 Ion Ratio Lower Upper
 169 100
 168 68.7 53.2 79.8
 167 38.1 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 52.91 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

Tgt Ion:248 Resp: 210541
 Ion Ratio Lower Upper
 248 100
 250 94.6 76.8 115.2
 141 83.9 68.6 103.0





#67

Hexachlorobenzene

Concen: 51.82 ng

RT: 10.75 min Scan# 1498

Delta R.T. -0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

Instrument :

BNA_F

ClientSampleId :

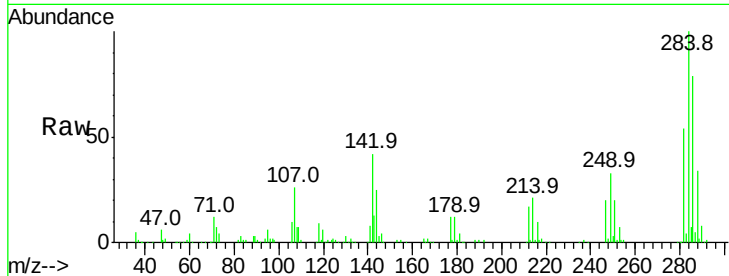
Tot Ion:284 Resp: 207838

Ion Ratio Lower Upper

284 100

142 42.4 22.8 34.2#

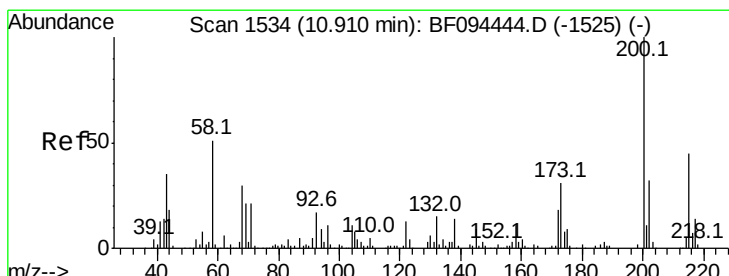
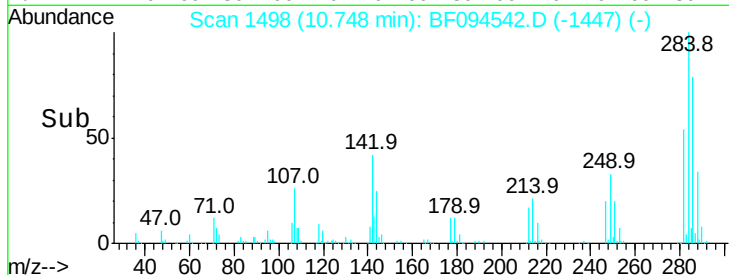
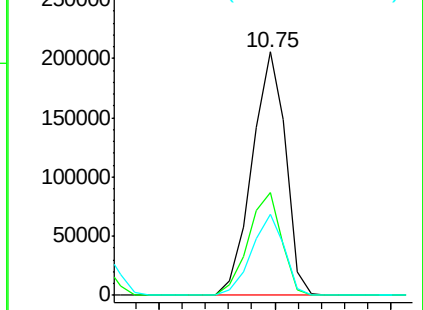
249 33.1 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 51.76 ng

RT: 10.91 min Scan# 1525

Delta R.T. -0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

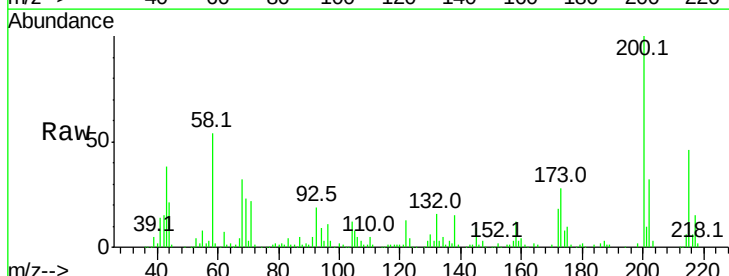
Tgt Ion:200 Resp: 215840

Ion Ratio Lower Upper

200 100

173 27.9 6.3 46.3

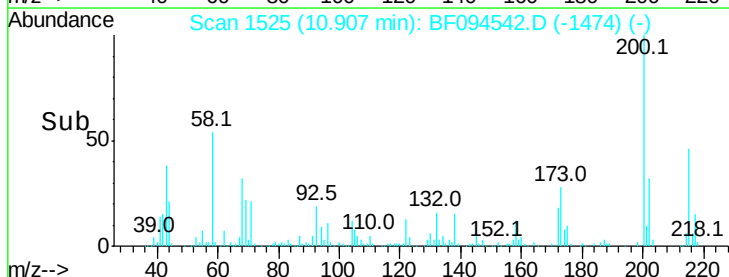
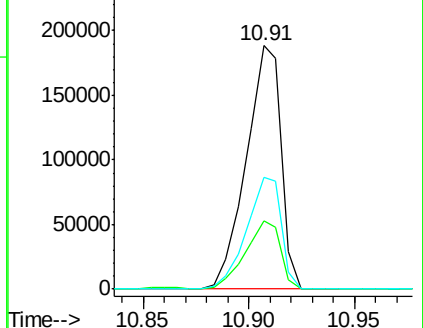
215 46.0 27.2 67.2

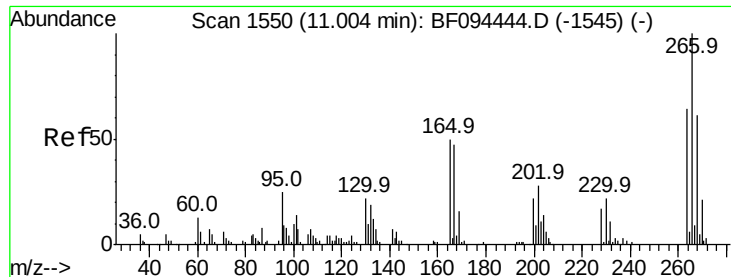


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

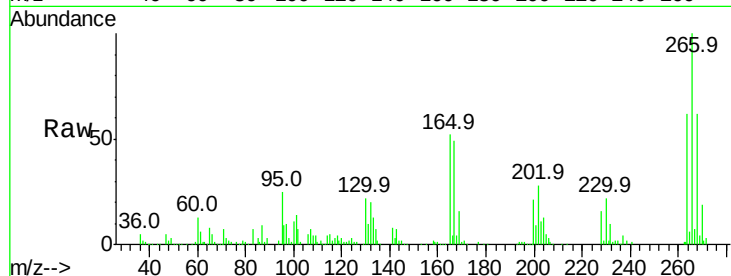




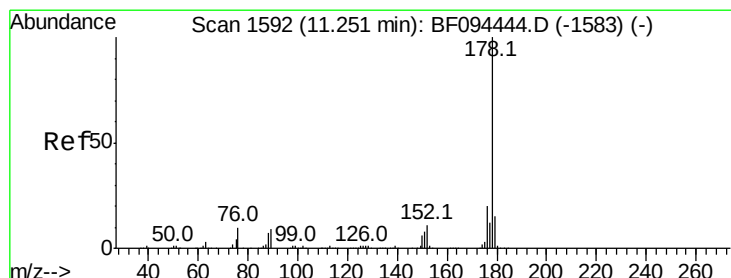
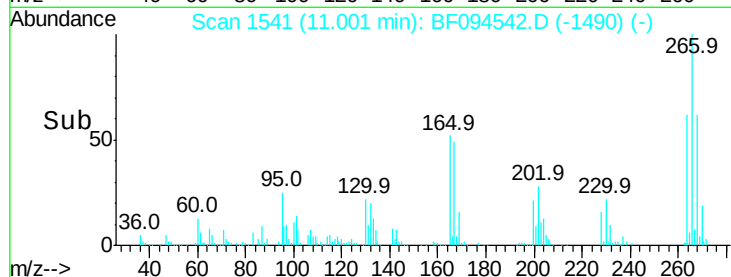
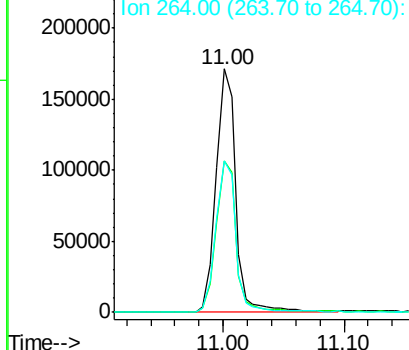
#69
 Pentachlorophenol
 Concen: 120.66 ng
 RT: 11.00 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:266 Resp: 192139
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.1 76.7
 264 62.0 51.7 77.5

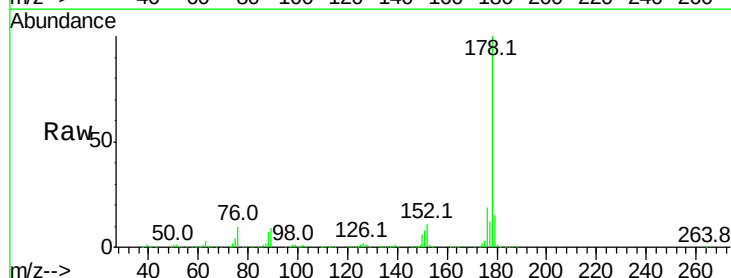


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

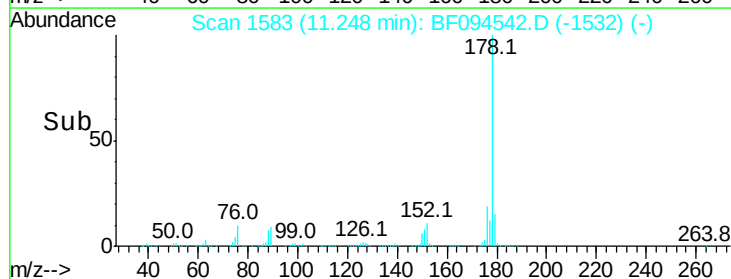
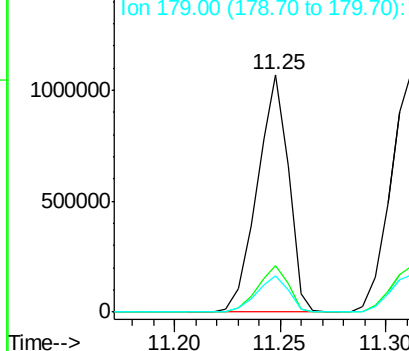


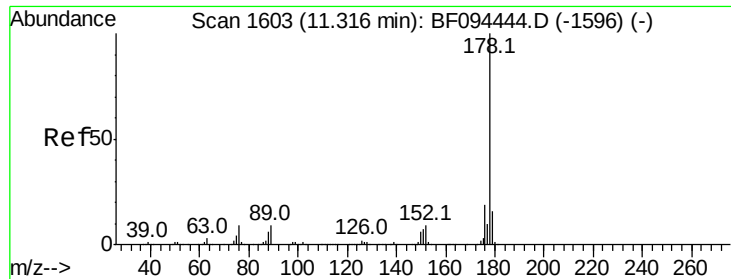
#70
 Phenanthrene
 Concen: 48.66 ng
 RT: 11.25 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

Tgt Ion:178 Resp: 1098264
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.4
 179 15.4 12.6 19.0



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

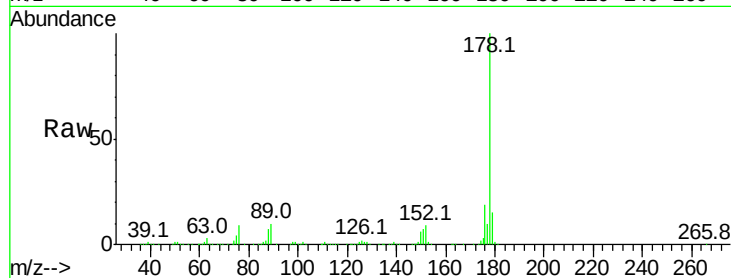




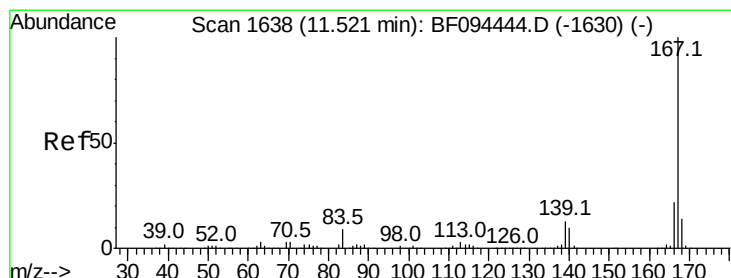
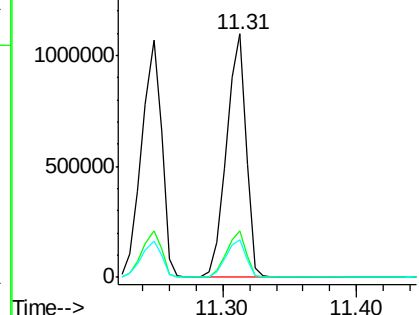
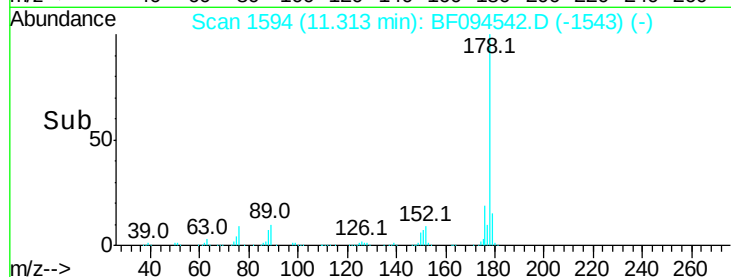
#71
 Anthracene
 Concen: 48.91 ng
 RT: 11.31 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 1141863
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.3 12.7 19.1

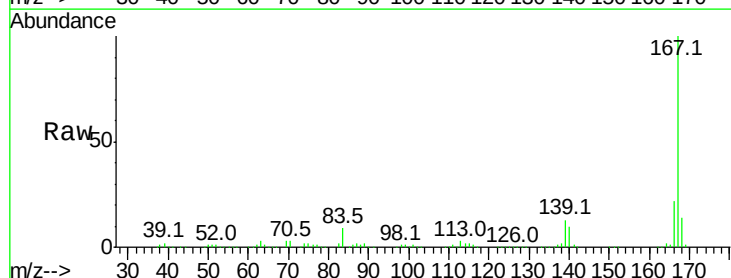


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

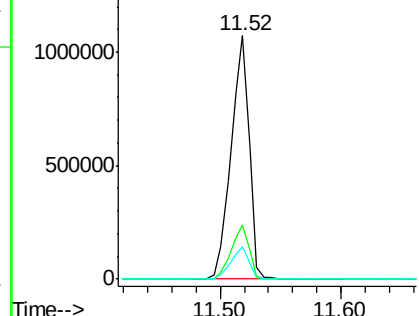
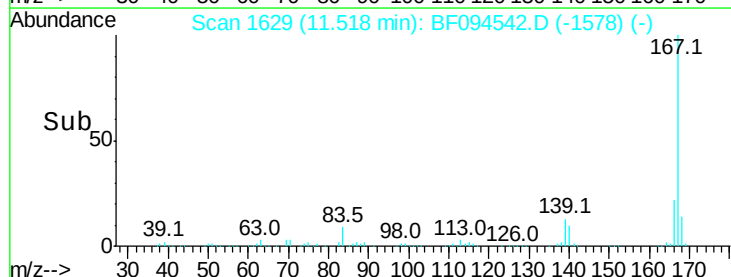


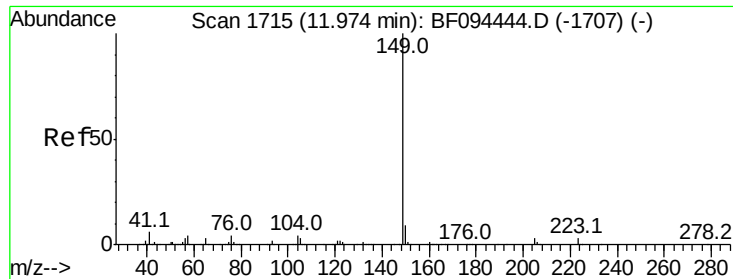
#72
 Carbazole
 Concen: 50.55 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

Tgt Ion:167 Resp: 1107615
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.4 11.7 17.5



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





#73

Di-n-butylphthalate

Concen: 55.69 ng

RT: 11.97 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

Instrument :

BNA_F

ClientSampleId :

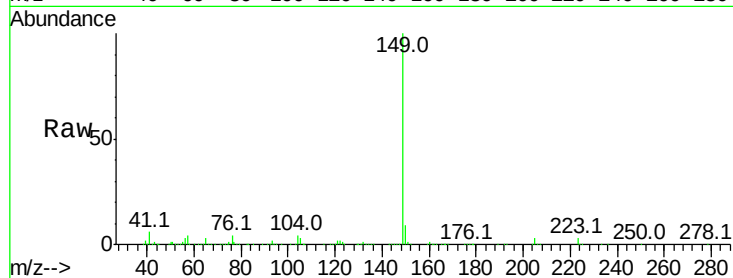
Tot Ion:149 Resp: 1343637

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

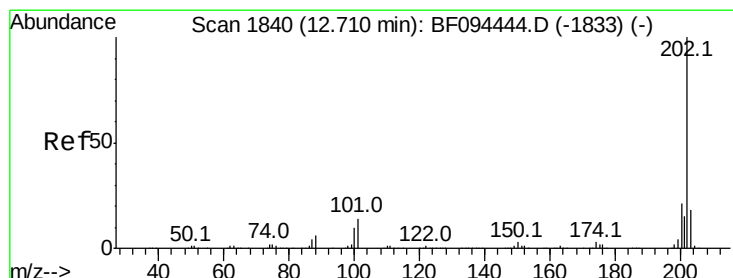
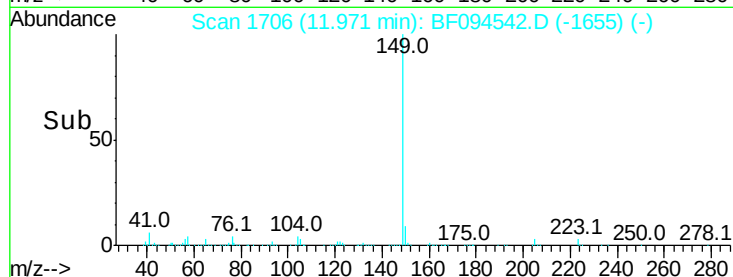
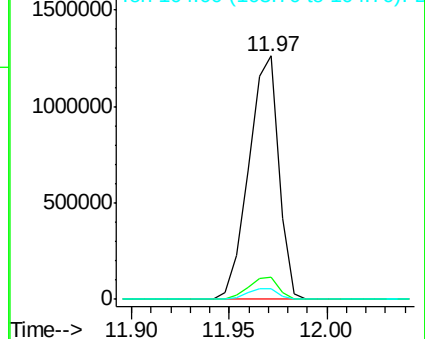
104 4.2 4.0 6.0



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: 50.21 ng

RT: 12.71 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

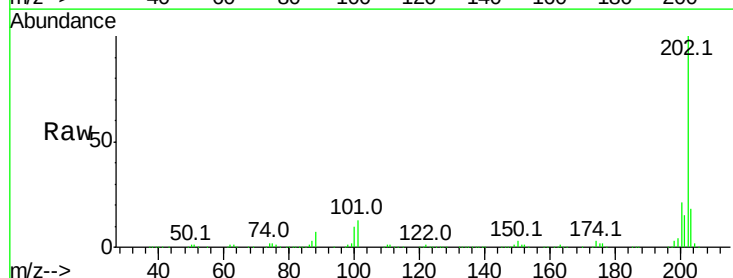
Tgt Ion:202 Resp: 1174502

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.2

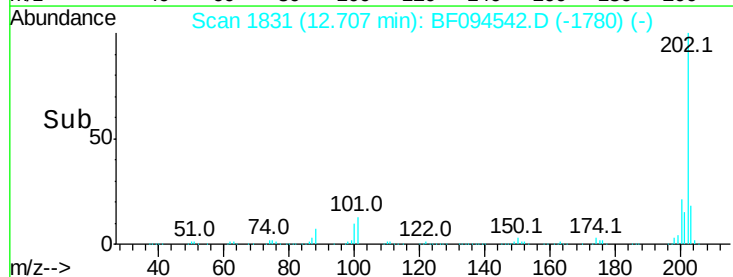
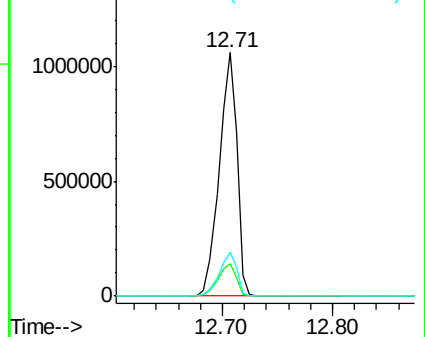
203 18.0 0.0 38.1

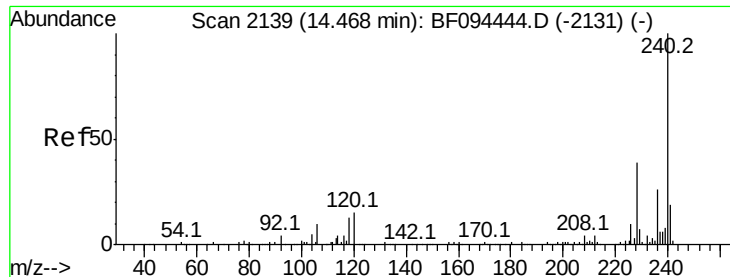


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

Instrument :

BNA_F

ClientSampleId :

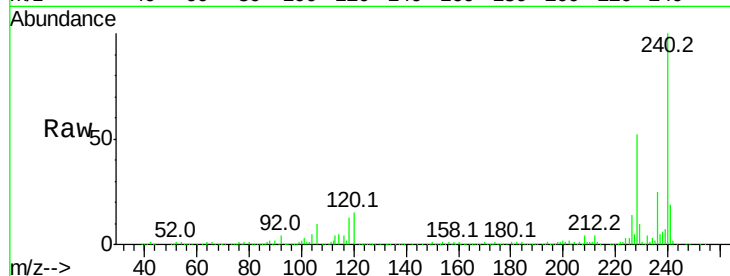
Tot Ion:240 Resp: 318494

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

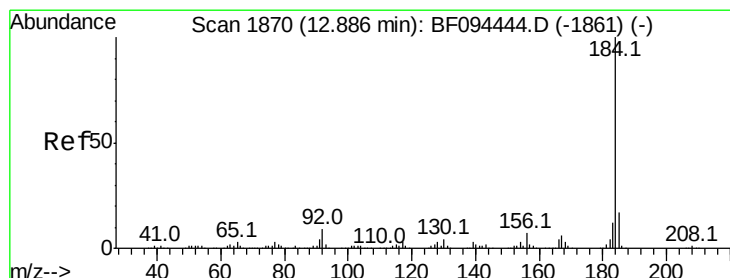
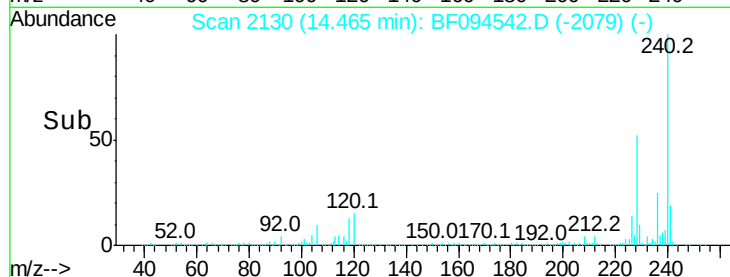
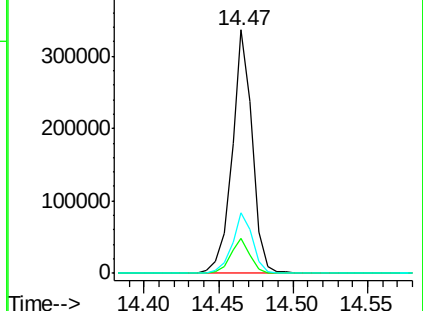
236 24.9 20.5 30.7



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: 25.53 ng

RT: 12.88 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

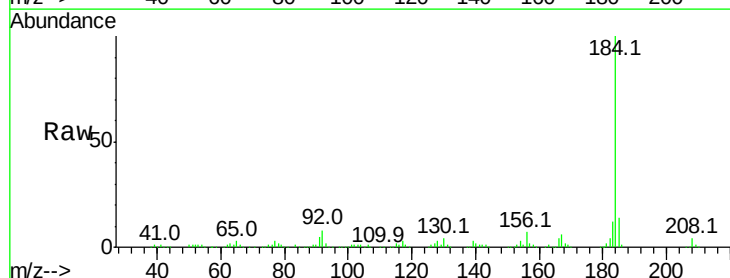
Tgt Ion:184 Resp: 329213

Ion Ratio Lower Upper

184 100

185 13.9 15.5 23.3#

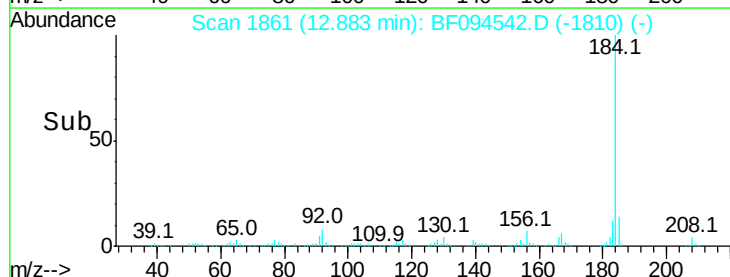
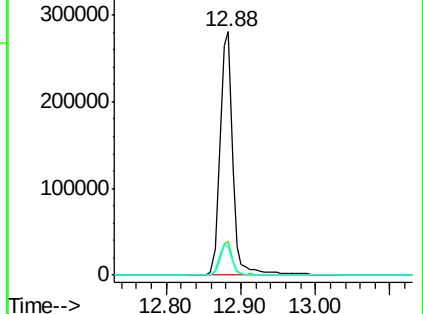
183 11.9 9.8 14.6

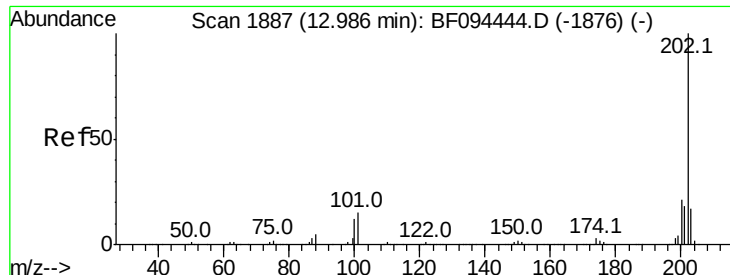


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

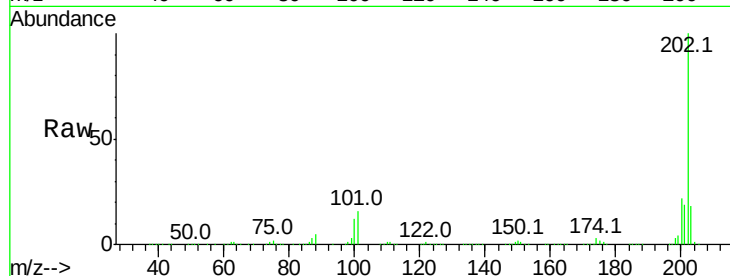




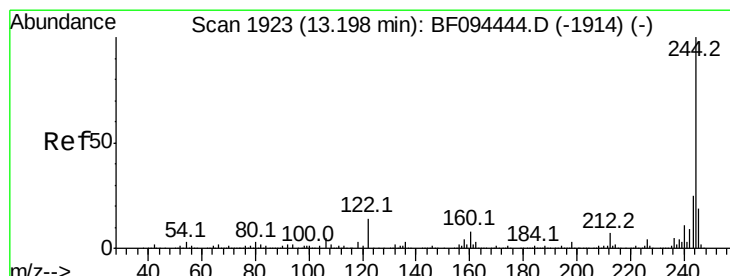
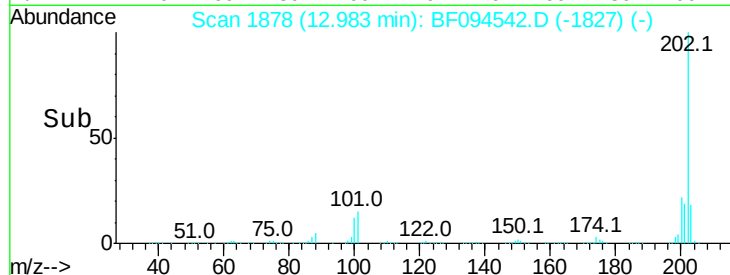
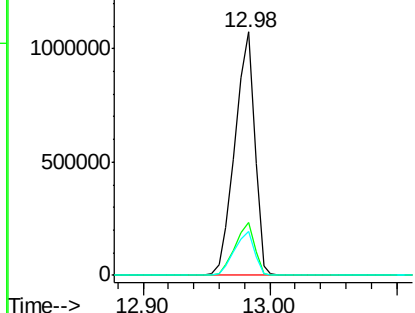
#77
Pvrene
Concen: 51.94 ng
RT: 12.98 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BF094542.D
Acq: 20 Apr 2017 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1155690
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 18.1 14.4 21.6

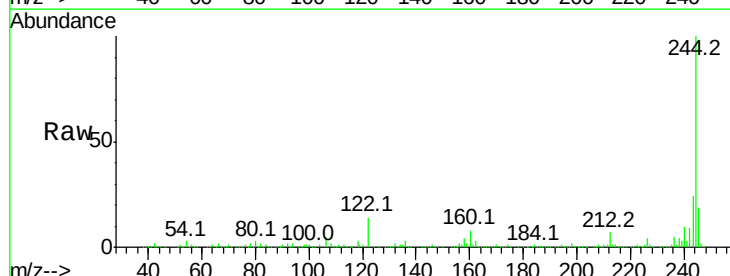


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

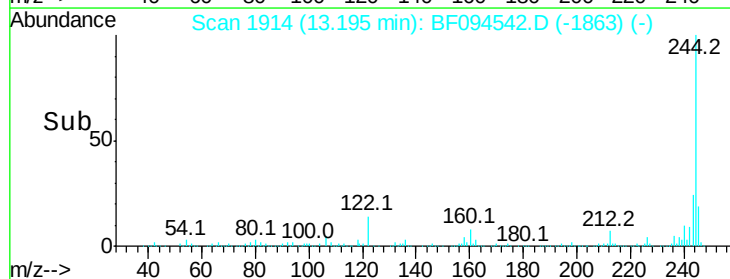
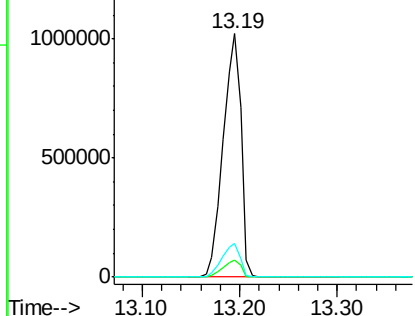


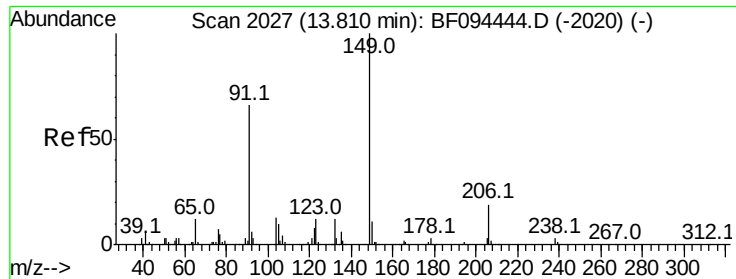
#78
Terphenyl-d14
Concen: 108.04 ng
RT: 13.19 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BF094542.D
Acq: 20 Apr 2017 14:05

Tgt Ion:244 Resp: 1287353
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 13.9 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

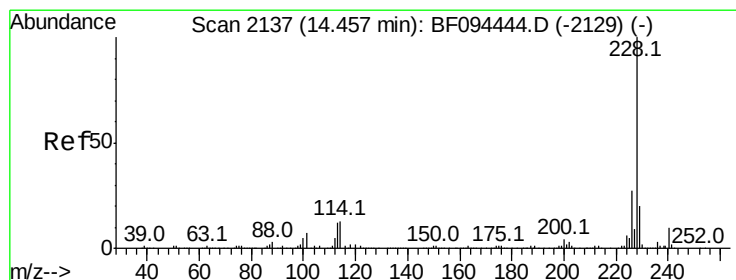
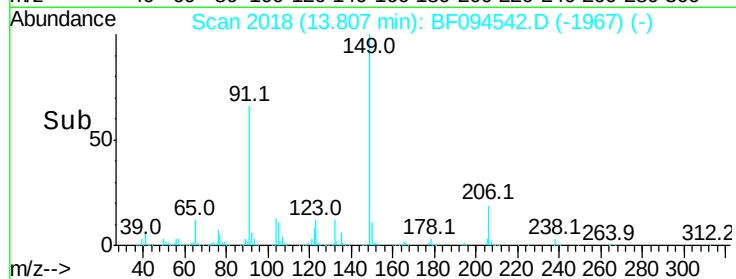
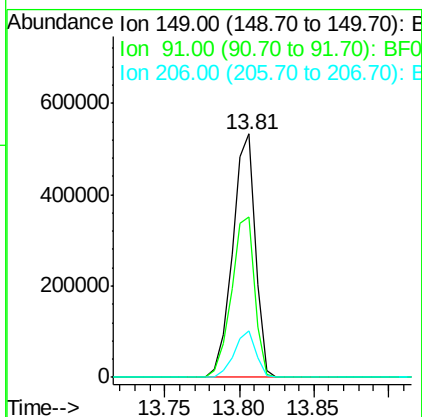
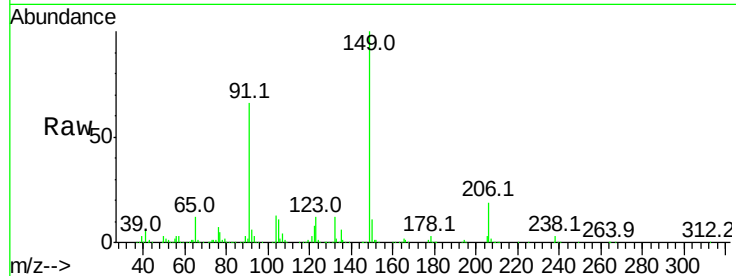




#79
Butylbenzylphthalate
Concen: 58.64 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094542.D
Acq: 20 Apr 2017 14:05

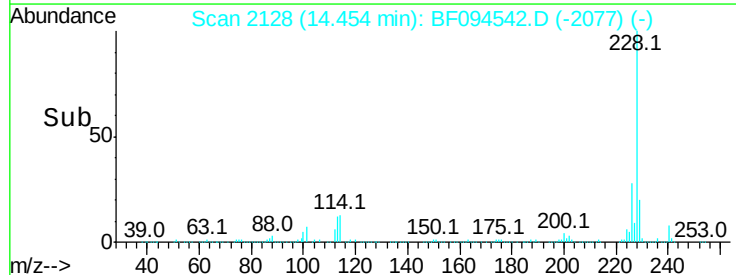
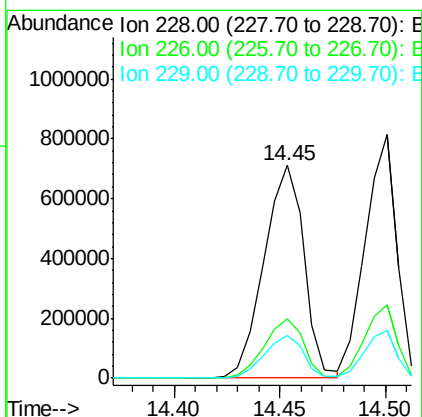
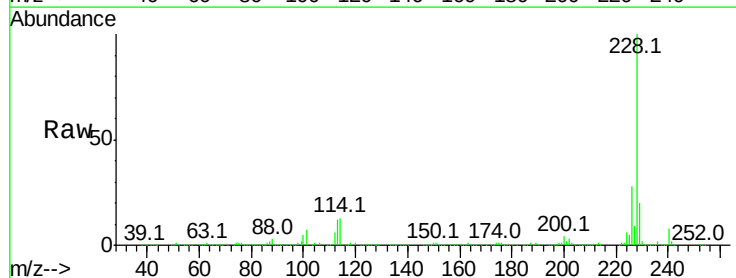
Instrument :
BNA_F
ClientSampleId :

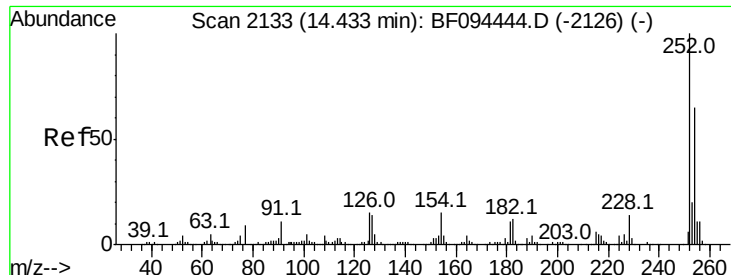
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.7	45.0	67.4
206	19.2	17.0	25.6



#80
Benzo(a)anthracene
Concen: 50.60 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BF094542.D
Acq: 20 Apr 2017 14:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.2	16.3	24.5

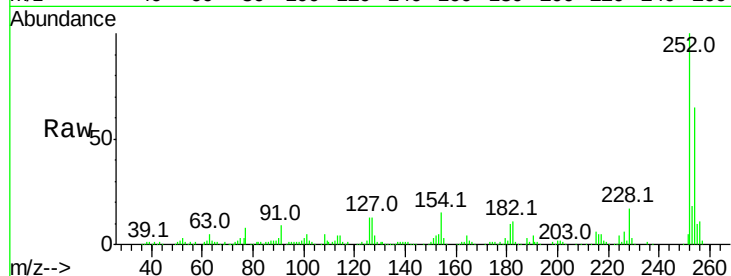




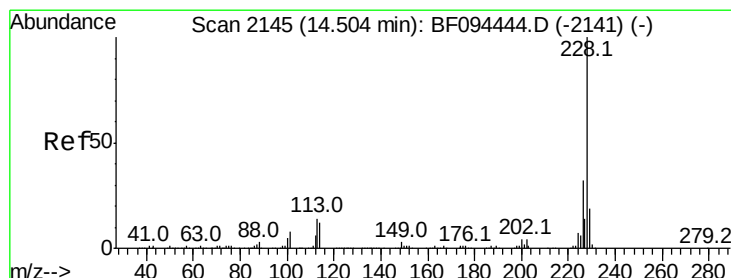
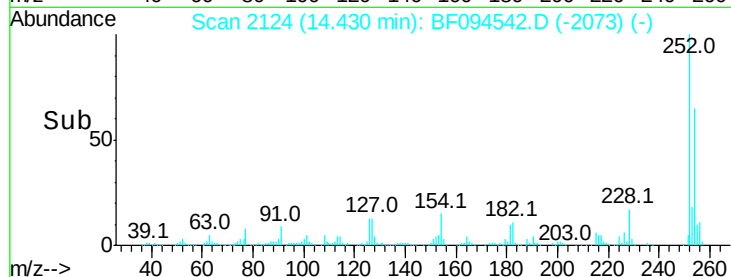
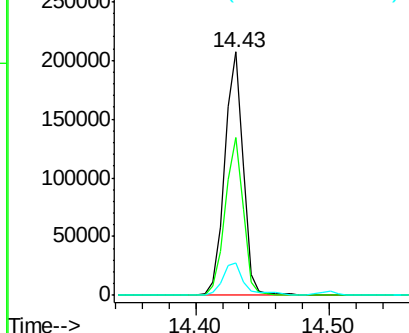
#81
 3,3'-Dichlorobenzidine
 Concen: 31.06 ng
 RT: 14.43 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 203564
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.5 77.3
 126 13.4 15.8 23.8#

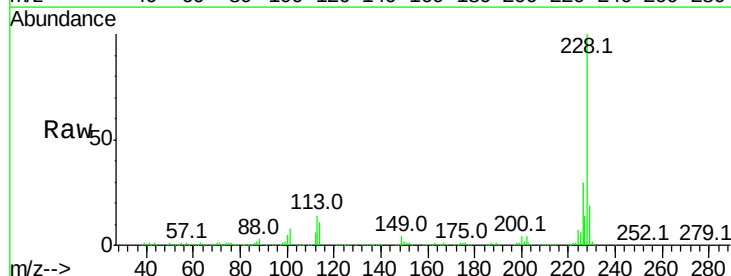


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

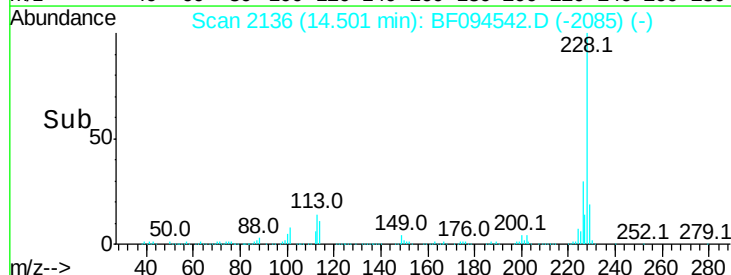
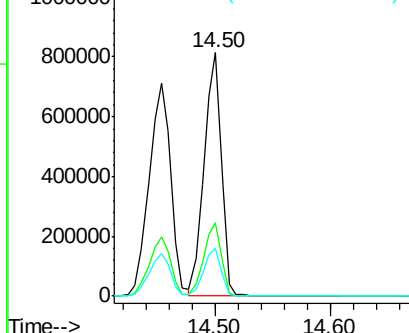


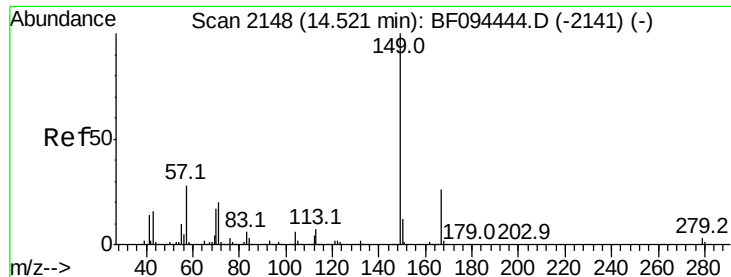
#82
 Chrysene
 Concen: 50.32 ng
 RT: 14.50 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

Tgt Ion:228 Resp: 851302
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.9 37.3
 229 19.5 15.8 23.6



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

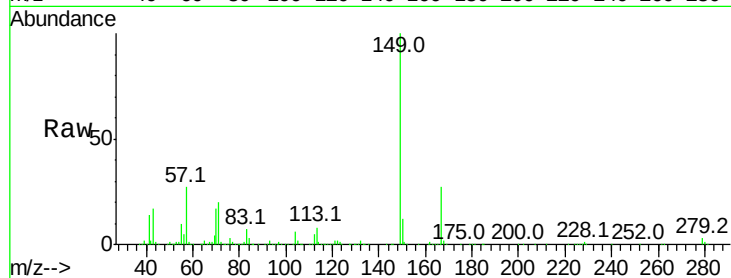




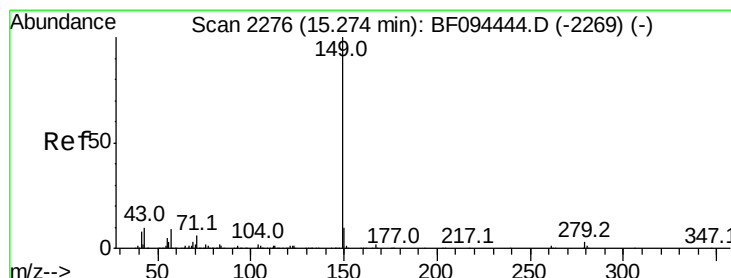
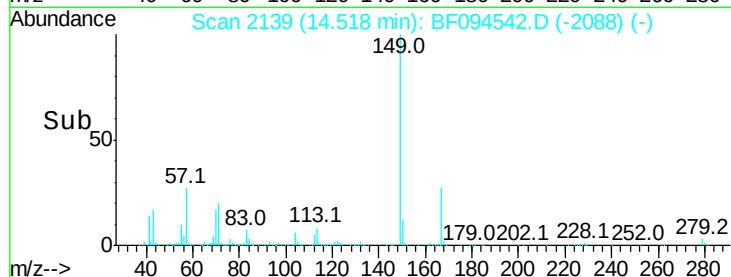
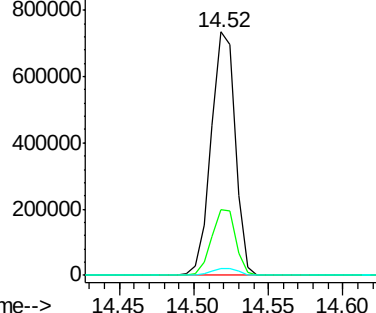
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 63.37 ng
 RT: 14.52 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 829753
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.0 31.4
 279 2.9 1.9 2.9#

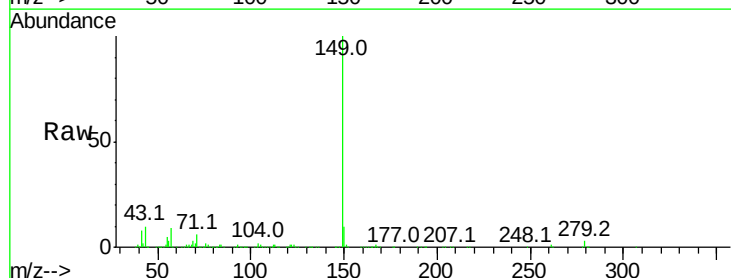


Abundance Ion 149.00 (148.70 to 149.70): E
 1000000 Ion 167.00 (166.70 to 167.70): E
 800000 Ion 279.00 (278.70 to 279.70): E

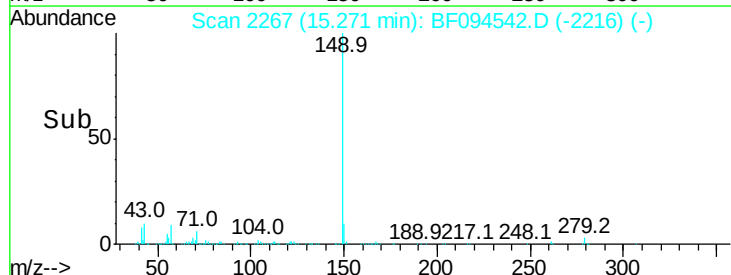
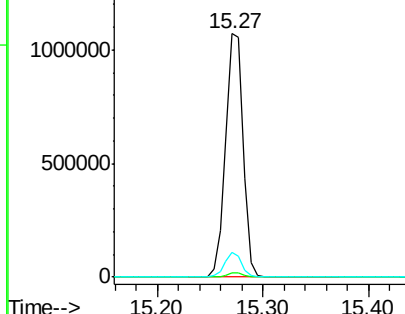


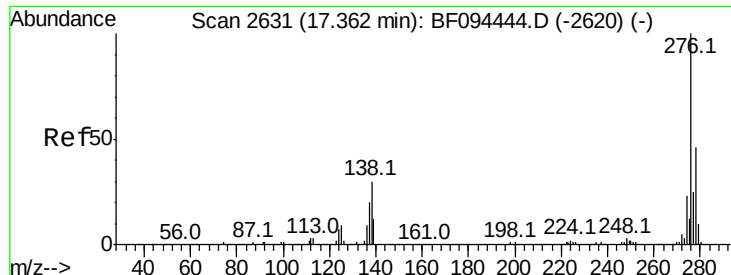
#84
 Di-n-octyl phthalate
 Concen: 56.15 ng
 RT: 15.27 min Scan# 2267
 Delta R.T. -0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

Tgt Ion:149 Resp: 1233289
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.5 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E
 1500000 Ion 167.00 (166.70 to 167.70): E
 1000000 Ion 43.00 (42.70 to 43.70): BF0

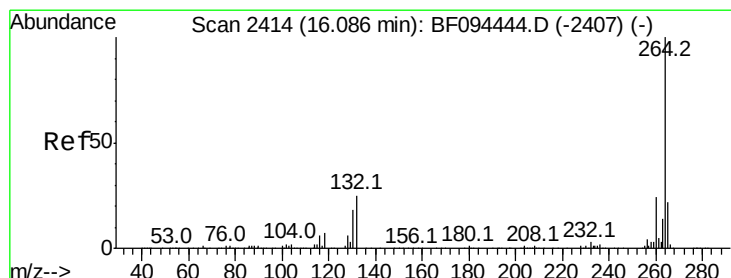
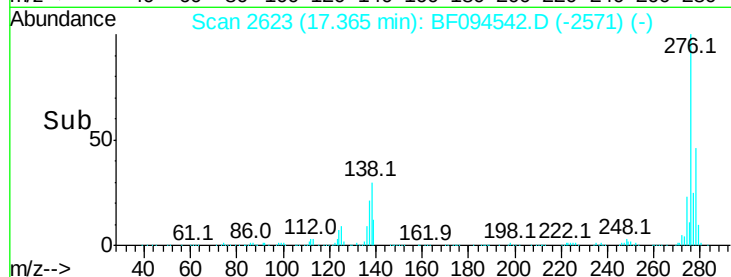
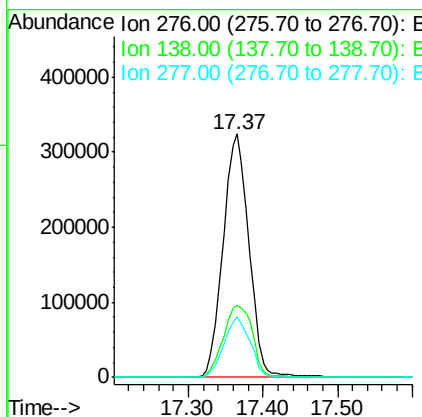
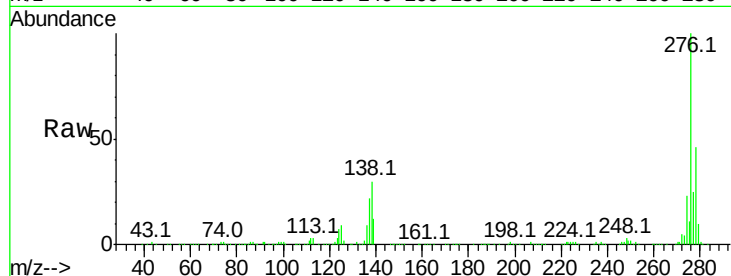




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.60 ng
 RT: 17.37 min Scan# 2623
 Delta R.T. 0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

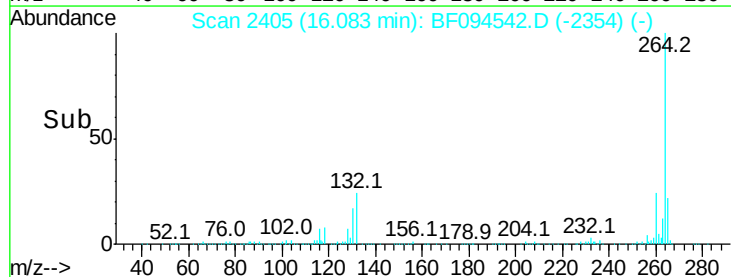
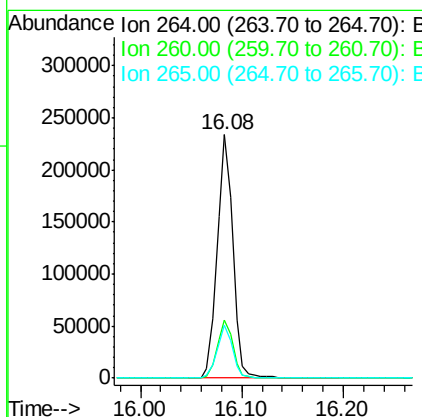
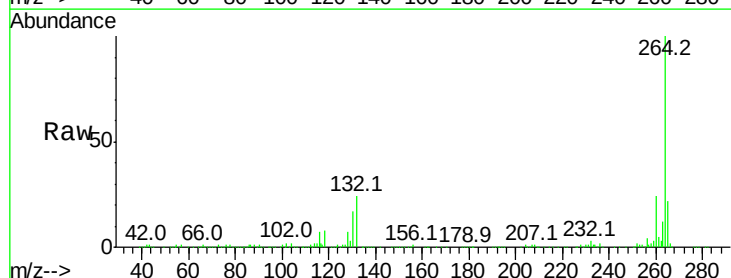
Instrument :
 BNA_F
 ClientSampleId :

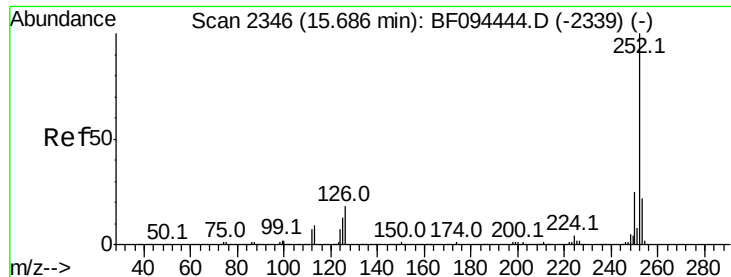
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.6	27.8	41.6
277	25.0	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094542.D
 Acq: 20 Apr 2017 14:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 48.35 ng

RT: 15.69 min Scan# 2338

Delta R.T. 0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

Instrument :

BNA_F

ClientSampleId :

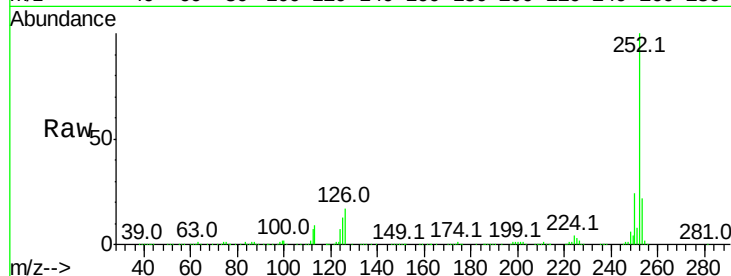
Tot Ion:252 Resp: 741620

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

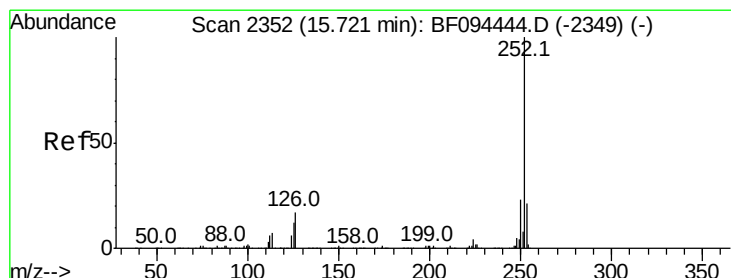
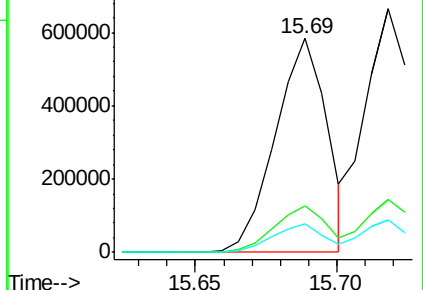
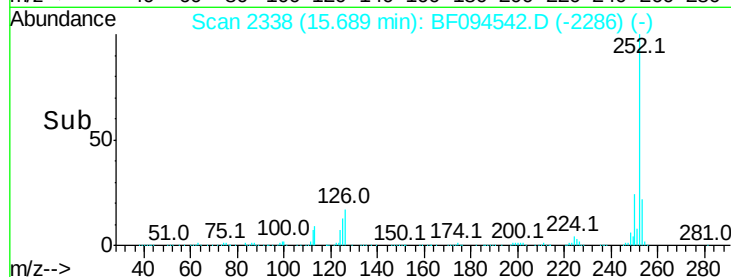
125 13.5 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 50.57 ng

RT: 15.72 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

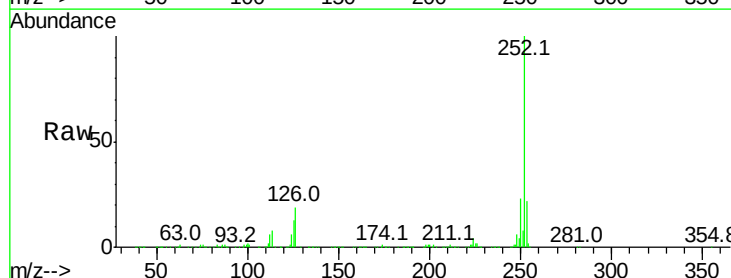
Tgt Ion:252 Resp: 734097

Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

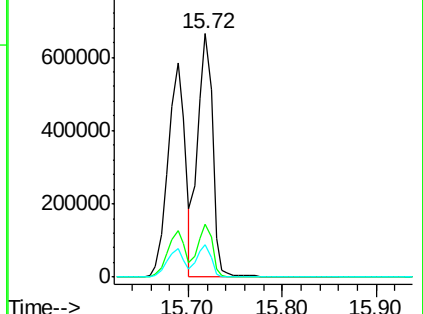
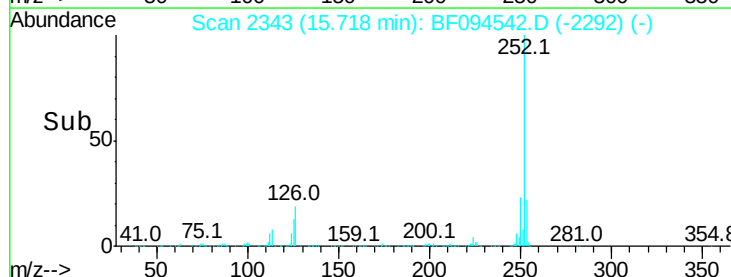
125 13.3 13.1 19.7

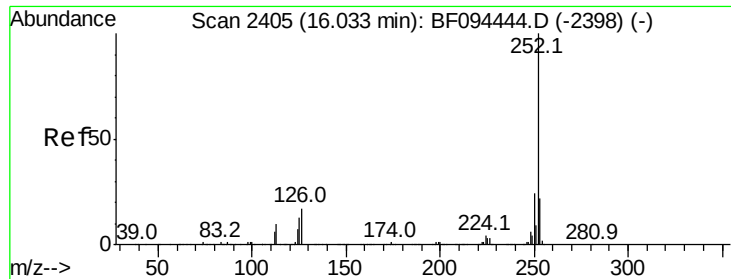


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 50.07 ng

RT: 16.03 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

Instrument :

BNA_F

ClientSampleId :

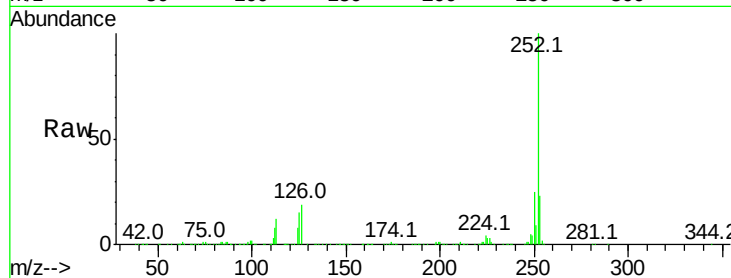
Tot Ion:252 Resp: 714533

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

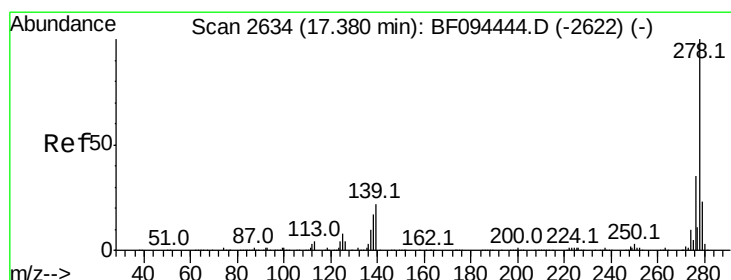
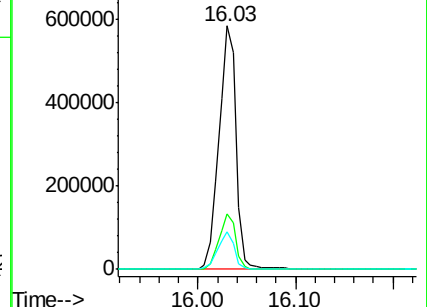
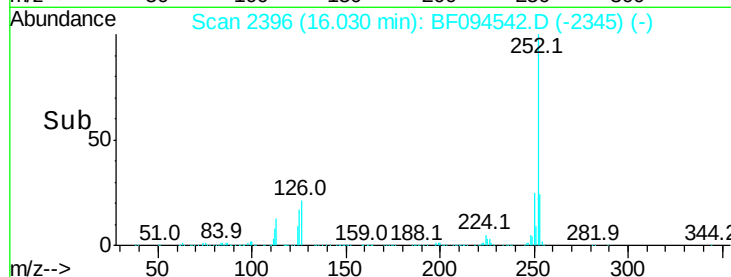
125 15.4 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 53.99 ng

RT: 17.38 min Scan# 2626

Delta R.T. 0.00 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

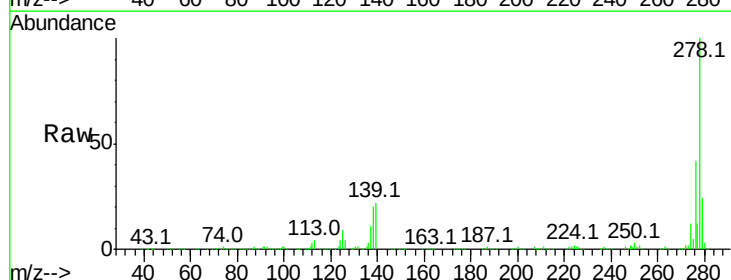
Tgt Ion:278 Resp: 639779

Ion Ratio Lower Upper

278 100

139 22.0 16.6 24.8

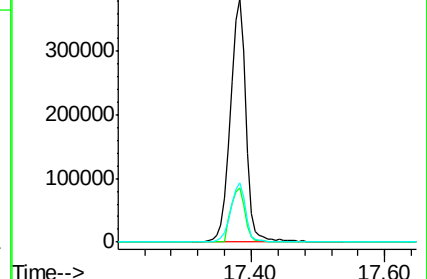
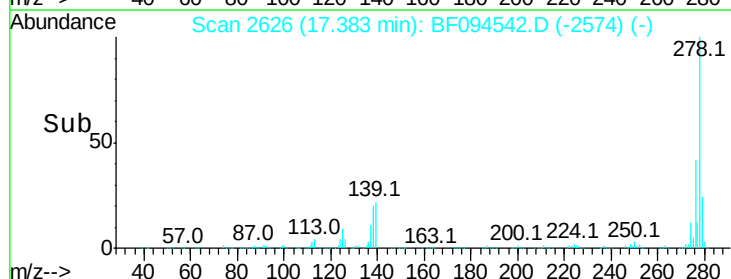
279 24.3 19.3 28.9

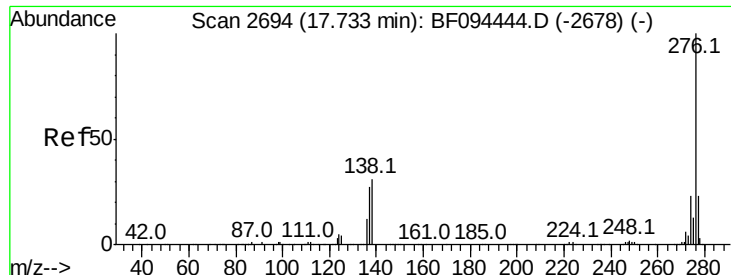


Abundance Ion 278.00 (277.70 to 278.70): E

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: 54.79 ng

RT: 17.74 min Scan# 2687

Delta R.T. 0.01 min

Lab File: BF094542.D

Acq: 20 Apr 2017 14:05

Instrument :

BNA_F

ClientSampleId :

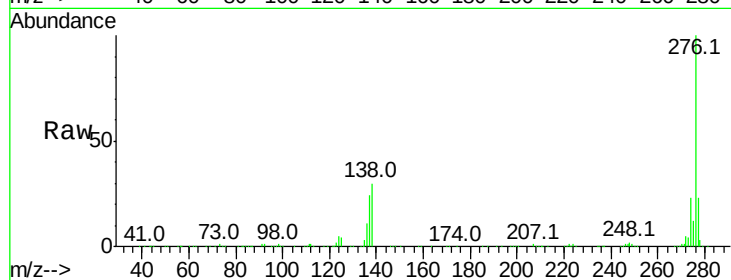
Tot Ion:276 Resp: 661008

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 29.6 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

