

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094536.D
 Acq On : 20 Apr 2017 11:08
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 17:26:01 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	131882	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	526733	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	237279	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	442622	20.00	ng	0.00
75) Chrysene-d12	14.47	240	387398	20.00	ng	0.00
86) Perylene-d12	16.09	264	356931	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.31	112	609058	76.62	ng	0.00
7) Phenol-d6	5.40	99	708959	75.65	ng	0.00
23) Nitrobenzene-d5	6.42	82	656330	76.94	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	156361	84.25	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1209571	75.00	ng	0.00
78) Terphenyl-d14	13.19	244	1098518	75.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	189029	40.89	ng	96
3) Pyridine	2.61	79	395802	39.17	ng	96
4) n-Nitrosodimethylamine	2.57	42	161909	38.73	ng	87
6) Aniline	5.40	93	459324	36.88	ng	91
8) 2-Chlorophenol	5.54	128	349635	38.65	ng	97
9) Benzaldehyde	5.27	77	233505	32.76	ng	98
10) Phenol	5.41	94	432564	37.57	ng	98
11) bis(2-Chloroethyl)ether	5.48	93	319077	37.94	ng	98
12) 1,3-Dichlorobenzene	5.70	146	386332	38.55	ng	99
13) 1,4-Dichlorobenzene	5.78	146	390324	38.71	ng	96
14) 1,2-Dichlorobenzene	5.96	146	358232	38.57	ng	97
15) Benzyl Alcohol	5.94	79	270002	38.84	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	424126	38.46	ng	87
17) 2-Methylphenol	6.09	107	274002	38.46	ng	95
18) Hexachloroethane	6.35	117	133420	38.60	ng	# 86
19) n-Nitroso-di-n-propylamine	6.25	70	243226	39.17	ng	98
20) 3+4-Methylphenols	6.27	107	377610	39.01	ng	# 63
22) Acetophenone	6.24	105	498940	38.96	ng	# 85
24) Nitrobenzene	6.44	77	350751	39.05	ng	91
25) Isophorone	6.73	82	621548	39.31	ng	95
26) 2-Nitrophenol	6.81	139	193294	40.05	ng	98
27) 2,4-Dimethylphenol	6.89	122	305472	38.97	ng	99
28) bis(2-Chloroethoxy)methane	6.99	93	395683	38.68	ng	99
29) 2,4-Dichlorophenol	7.11	162	290561	39.84	ng	98
30) 1,2,4-Trichlorobenzene	7.20	180	293162	38.88	ng	99
31) Naphthalene	7.29	128	976201	38.55	ng	100
32) Benzoic acid	7.08	122	200565	48.38	ng	97
33) 4-Chloroaniline	7.37	127	392579	37.27	ng	# 93
34) Hexachlorobutadiene	7.44	225	146258	38.91	ng	97
35) Caprolactam	7.82	113	75569	32.99	ng	93
36) 4-Chloro-3-methylphenol	7.98	107	295219	38.63	ng	88
37) 2-Methylnaphthalene	8.13	142	668021	38.56	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	265653	39.32	ng	99
40) Hexachlorocyclopentadiene	8.32	237	118394	43.31	ng	100

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094536.D
 Acq On : 20 Apr 2017 11:08
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

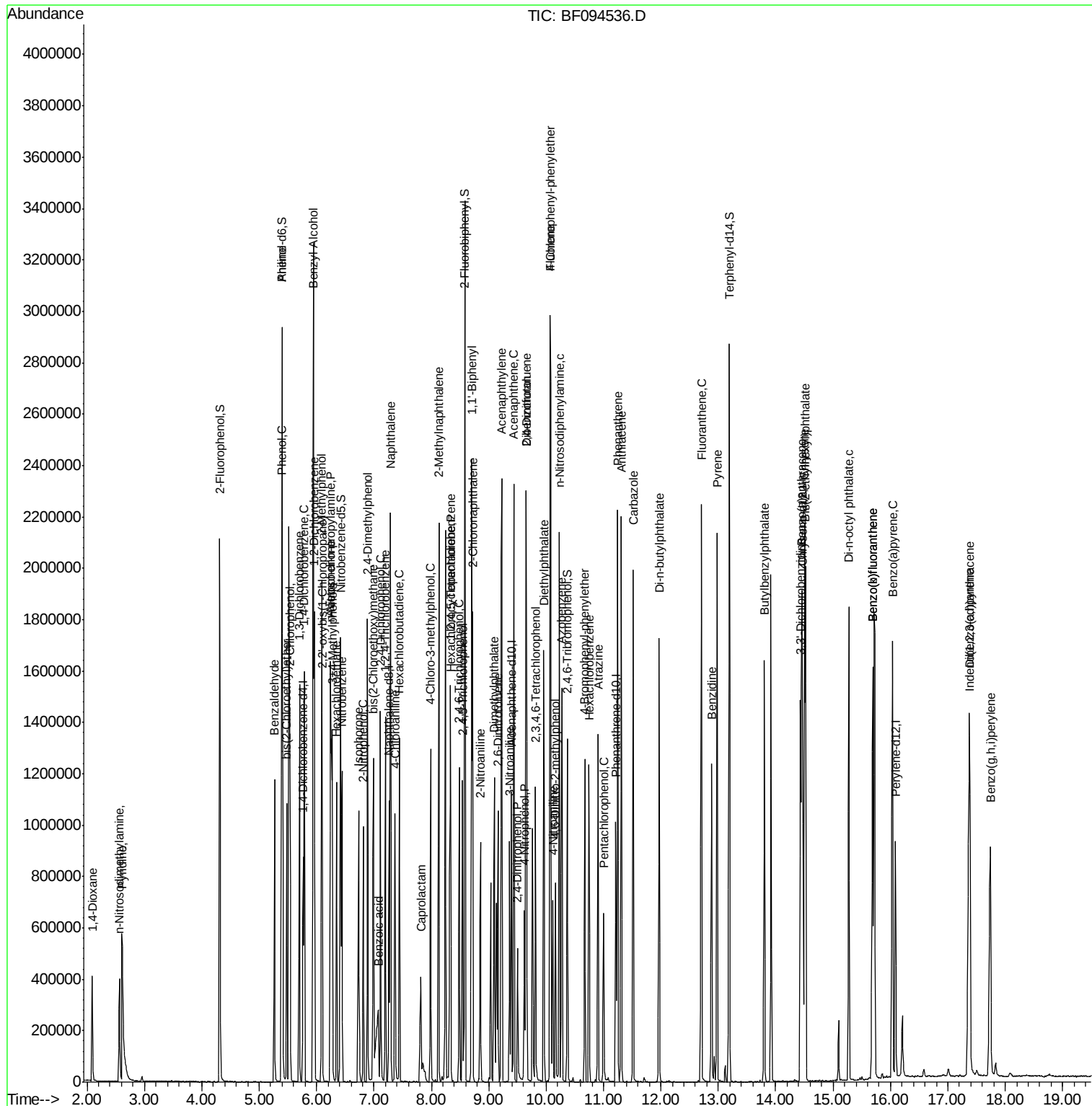
Instrument :
 BNA_F
 ClientSampleId :

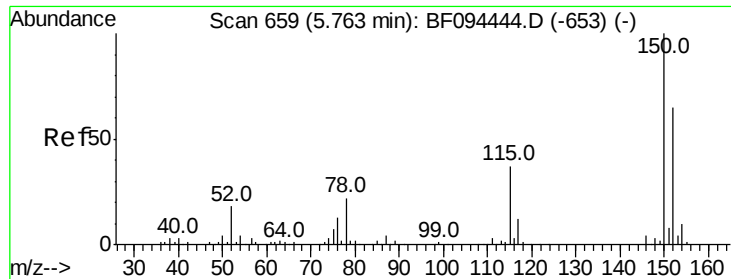
Quant Time: Apr 20 17:26:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	184874	38.96	nq	96
43) 2,4,5-Trichlorophenol	8.54	196	193370	39.68	nq	94
45) 1,1'-Biphenyl	8.70	154	749665	38.67	nq	98
46) 2-Chloronaphthalene	8.72	162	599547	38.89	nq	94
47) 2-Nitroaniline	8.85	65	178962	40.36	nq	87
48) Acenaphthylene	9.22	152	916733	38.15	nq	98
49) Dimethylphthalate	9.10	163	710049	40.15	nq	99
50) 2,6-Dinitrotoluene	9.16	165	158992	40.06	nq	# 88
51) Acenaphthene	9.44	154	556417	38.66	nq	100
52) 3-Nitroaniline	9.37	138	177880	38.74	nq	95
53) 2,4-Dinitrophenol	9.50	184	84618	42.22	nq	# 70
54) Dibenzofuran	9.65	168	818820	39.14	nq	98
55) 4-Nitrophenol	9.62	139	118737	36.60	nq	# 72
56) 2,4-Dinitrotoluene	9.66	165	204196	41.93	nq	# 89
57) Fluorene	10.07	166	641800	39.40	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.81	232	144385	41.34	nq	97
59) Diethylphthalate	9.96	149	675818	40.51	nq	98
60) 4-Chlorophenyl-phenylether	10.08	204	275018	40.57	nq	94
61) 4-Nitroaniline	10.12	138	165923	35.54	nq	97
62) Azobenzene	10.27	77	656321	40.51	nq	96
64) 4,6-Dinitro-2-methylphenol	10.16	198	120755	41.64	nq	# 76
65) n-Nitrosodiphenylamine	10.23	169	581395	37.77	nq	98
66) 4-Bromophenyl-phenylether	10.68	248	169112	38.48	nq	98
67) Hexachlorobenzene	10.75	284	169328	38.23	nq	# 86
68) Atrazine	10.91	200	183043	39.75	nq	97
69) Pentachlorophenol	11.00	266	85016	48.34	nq	99
70) Phenanthrene	11.25	178	949060	38.08	nq	98
71) Anthracene	11.31	178	990453	38.42	nq	99
72) Carbazole	11.52	167	941856	38.92	nq	98
73) Di-n-butylphthalate	11.97	149	1082747	40.64	nq	99
74) Fluoranthene	12.71	202	1009489	39.08	nq	99
76) Benzidine	12.88	184	531614	33.89	nq	95
77) Pyrene	12.98	202	1027647	37.97	nq	98
79) Butylbenzylphthalate	13.81	149	474185	39.98	nq	90
80) Benzo(a)anthracene	14.45	228	885553	39.33	nq	99
81) 3,3'-Dichlorobenzidine	14.43	252	311017	39.02	nq	# 97
82) Chrysene	14.50	228	803158	39.03	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	662048	41.57	nq	# 100
84) Di-n-octyl phthalate	15.28	149	1136181	42.53	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	805119	41.12	nq	99
87) Benzo(b)fluoranthene	15.69	252	892515	40.88	nq	98
88) Benzo(k)fluoranthene	15.69	252	892515	43.19	nq	96
89) Benzo(a)pyrene	16.04	252	792942	39.04	nq	100
90) Dibenzo(a,h)anthracene	17.38	278	665907	39.48	nq	99
91) Benzo(g,h,i)perylene	17.74	276	650962	37.91	nq	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.77 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

ClientSampleId :

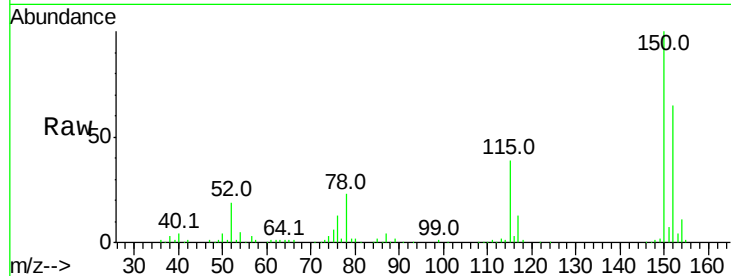
Tot Ion:152 Resp: 131882

Ion Ratio Lower Upper

152 100

150 153.7 126.2 189.2

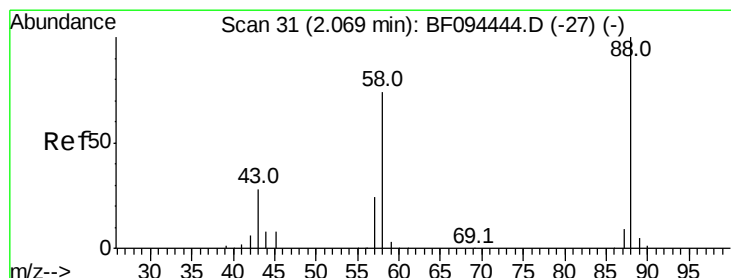
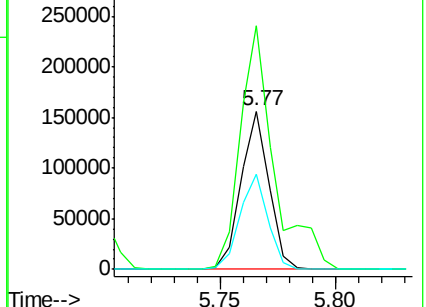
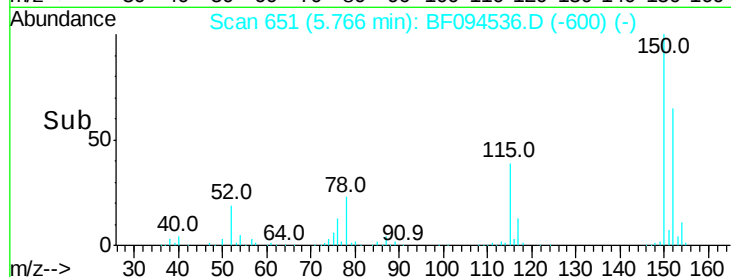
115 60.1 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.89 ng

RT: 2.09 min Scan# 26

Delta R.T. 0.02 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

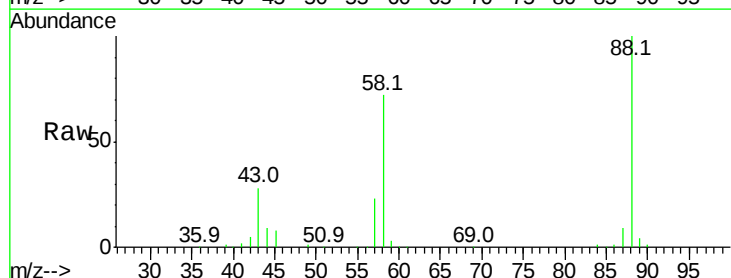
Tgt Ion: 88 Resp: 189029

Ion Ratio Lower Upper

88 100

58 72.3 61.4 92.0

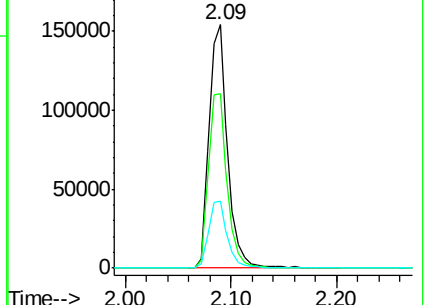
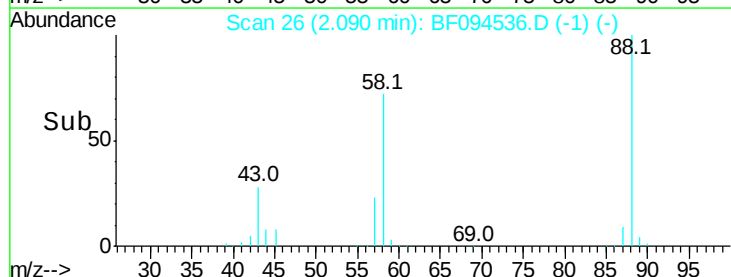
43 27.8 23.4 35.0

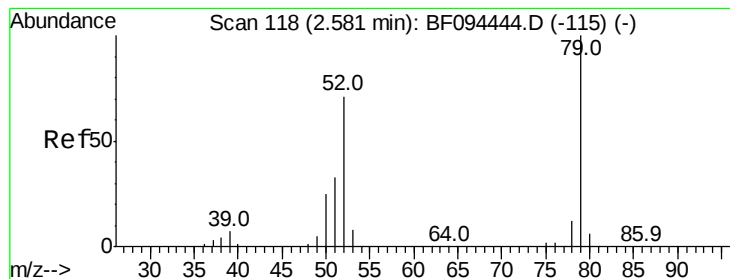


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.17 ng

RT: 2.61 min Scan# 114

Delta R.T. 0.03 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

ClientSampled :

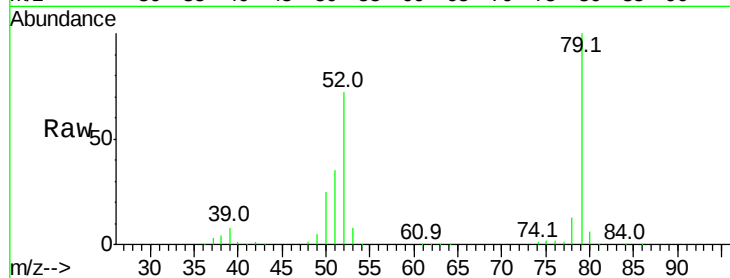
Tot Ion: 79 Resp: 395802

Ion Ratio Lower Upper

79 100

52 72.5 54.8 82.2

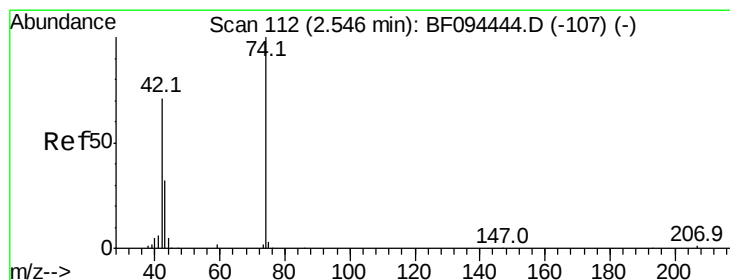
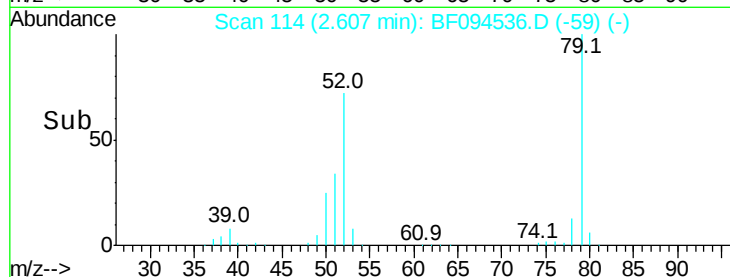
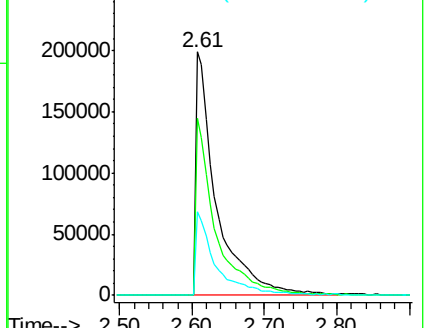
51 34.6 27.0 40.4



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: 38.73 ng

RT: 2.57 min Scan# 107

Delta R.T. 0.02 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

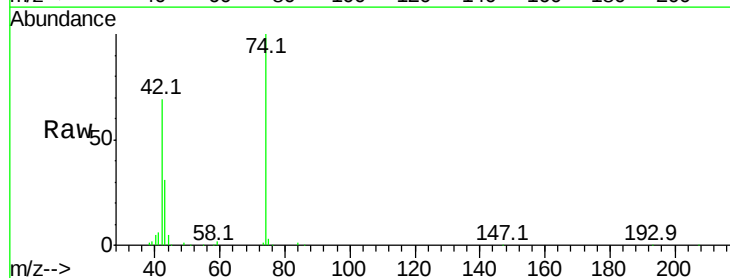
Tgt Ion: 42 Resp: 161909

Ion Ratio Lower Upper

42 100

74 145.3 103.9 155.9

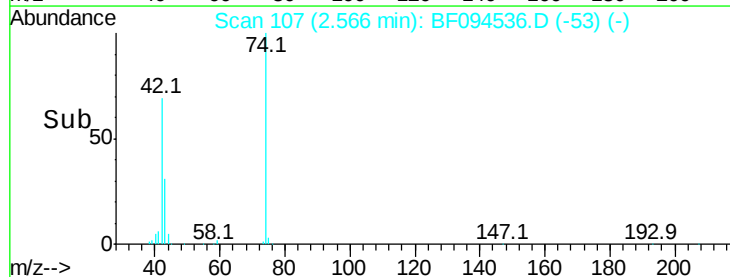
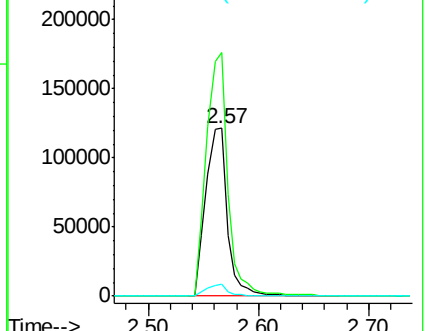
44 7.1 5.7 8.5



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: 76.62 ng

RT: 4.31 min Scan# 404

Delta R.T. 0.01 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :
BNA_F
ClientSampled :

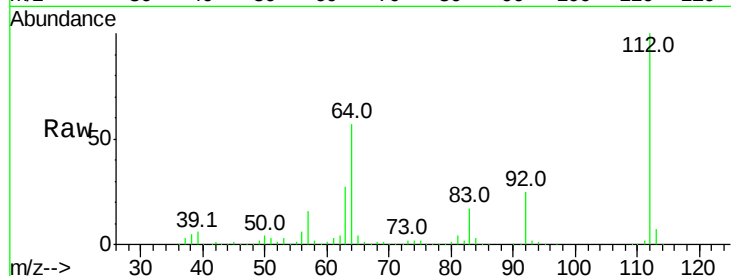
Tot Ion:112 Resp: 609058

Ion Ratio Lower Upper

112 100

64 56.6 46.0 69.0

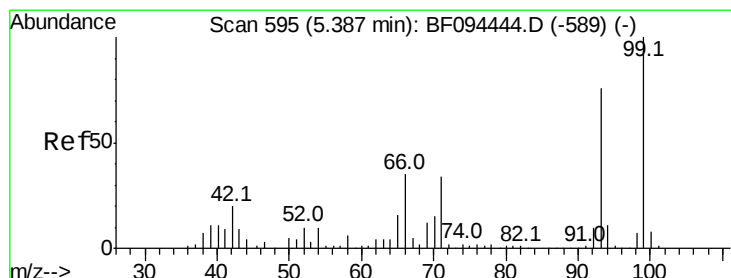
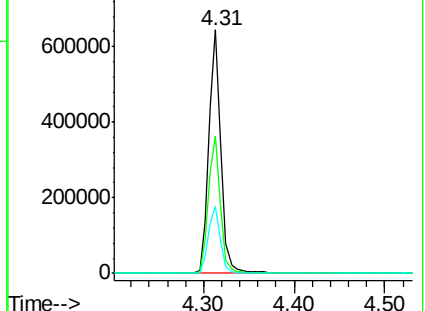
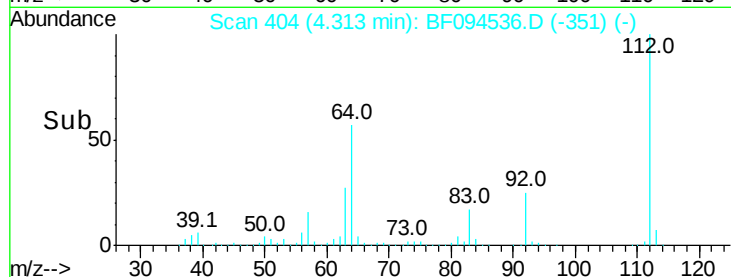
63 27.5 23.4 35.0



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: 36.88 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

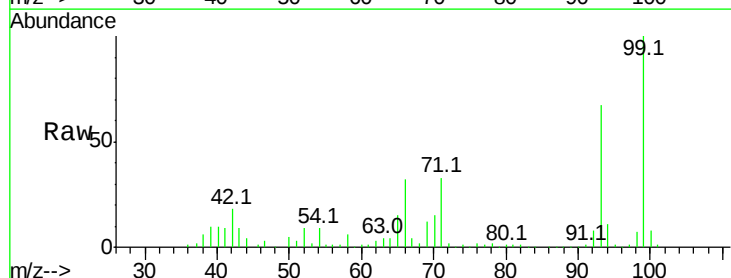
Tgt Ion: 93 Resp: 459324

Ion Ratio Lower Upper

93 100

66 48.0 32.9 49.3

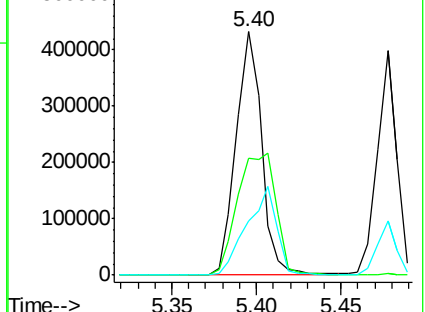
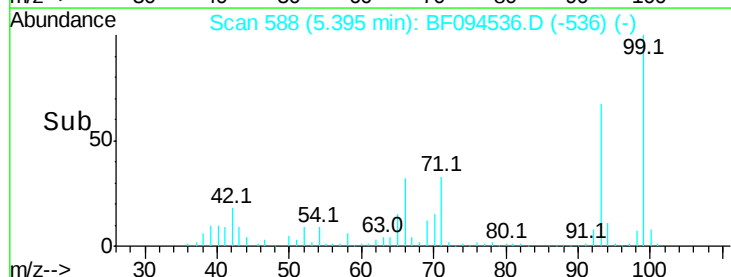
65 22.2 16.0 24.0

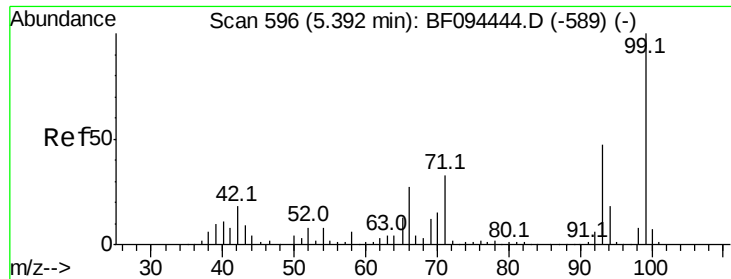


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.65 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

ClientSampleId :

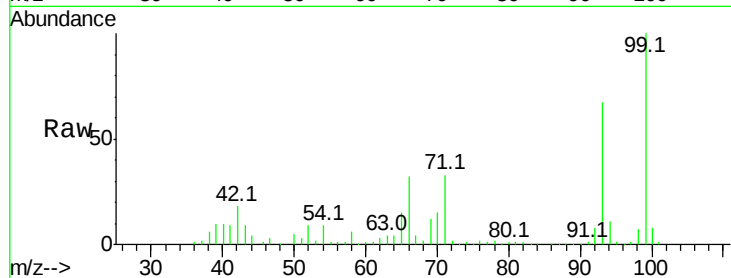
Tot Ion: 99 Resp: 708959

Ion Ratio Lower Upper

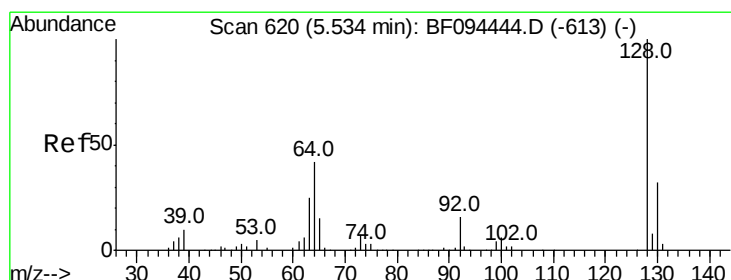
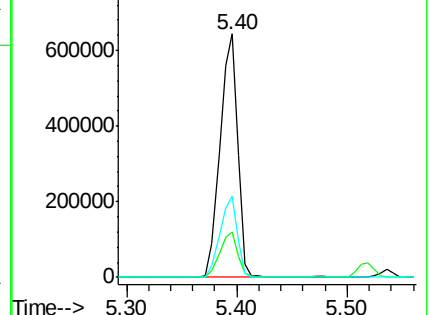
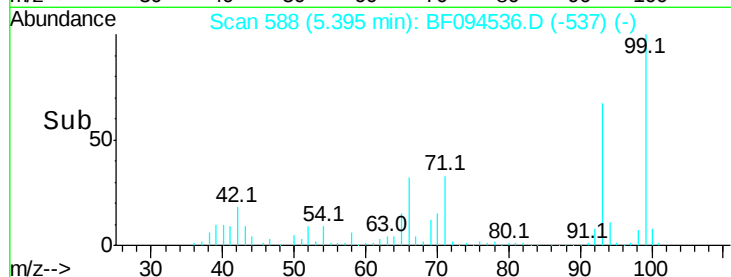
99 100

42 18.5 13.5 20.3

71 33.2 24.5 36.7



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



#8

2-Chlorophenol

Concen: 38.65 ng

RT: 5.54 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

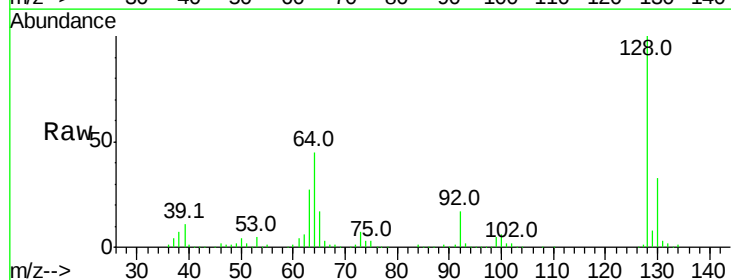
Tgt Ion:128 Resp: 349635

Ion Ratio Lower Upper

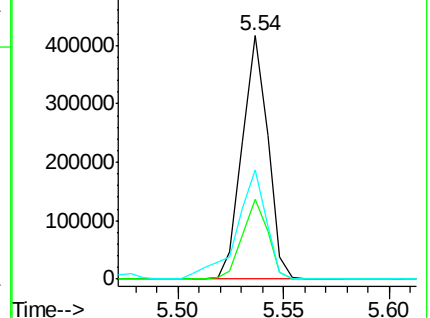
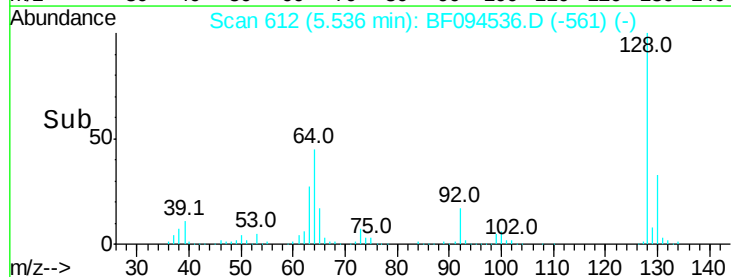
128 100

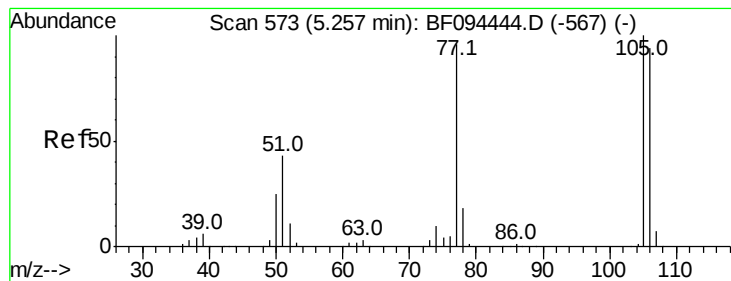
130 32.9 12.9 52.9

64 44.8 28.4 68.4



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





#9

Benzaldehyde

Concen: 32.76 ng

RT: 5.27 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

ClientSampleId :

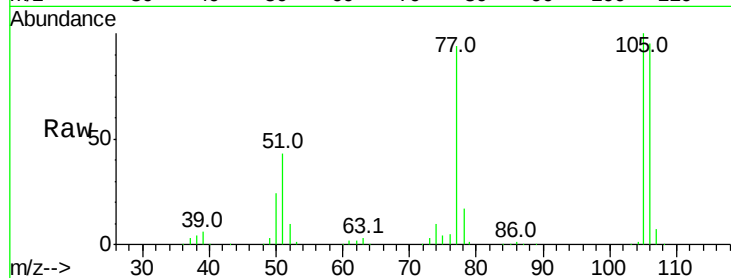
Tot Ion: 77 Resp: 233505

Ion Ratio Lower Upper

77 100

105 106.0 83.8 123.8

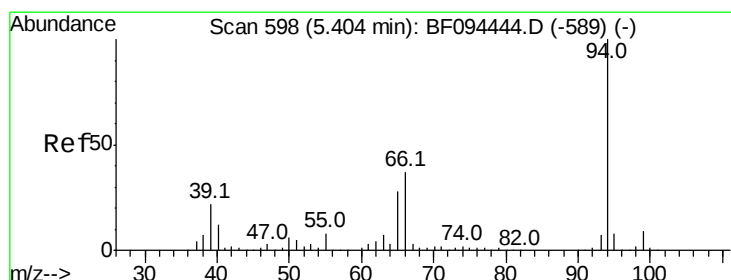
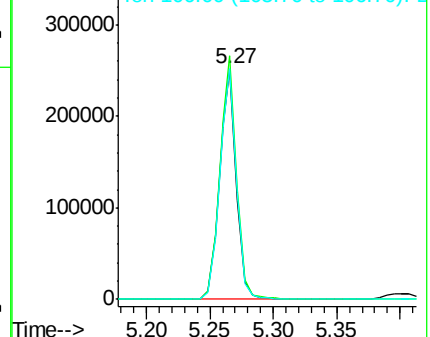
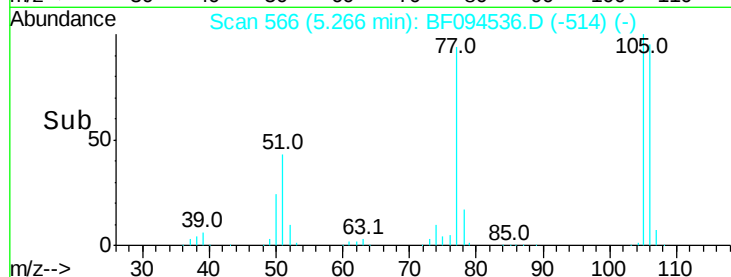
106 100.7 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.57 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

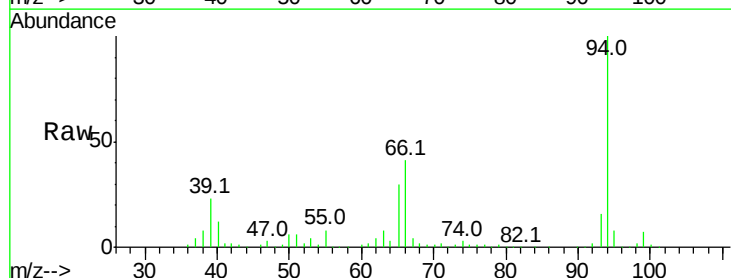
Tgt Ion: 94 Resp: 432564

Ion Ratio Lower Upper

94 100

65 29.8 9.9 49.9

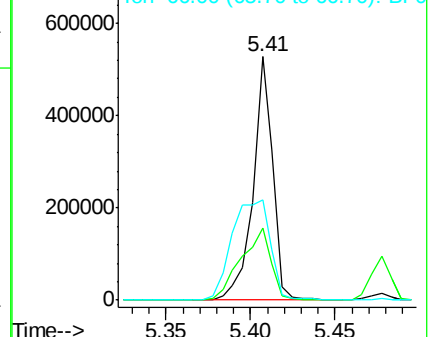
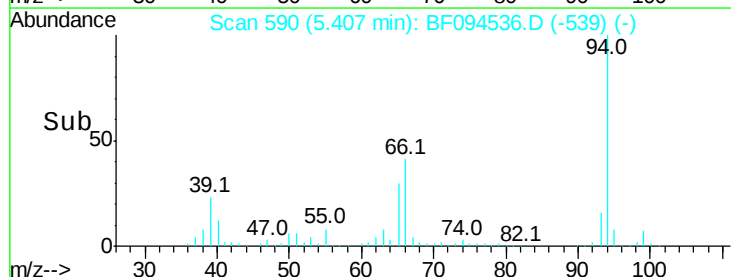
66 41.2 23.1 63.1



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

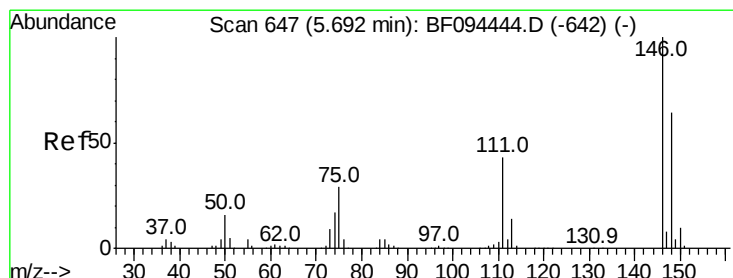
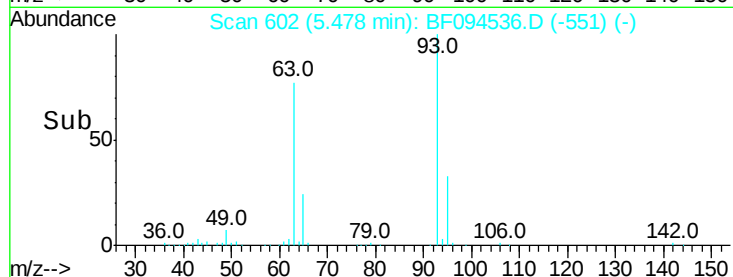
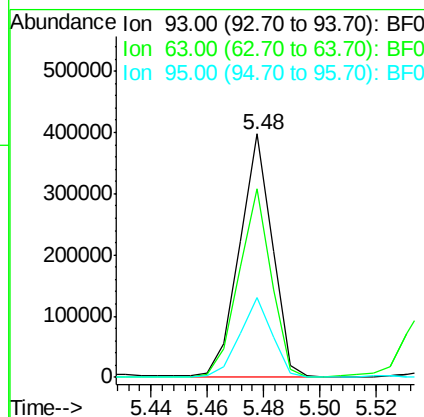
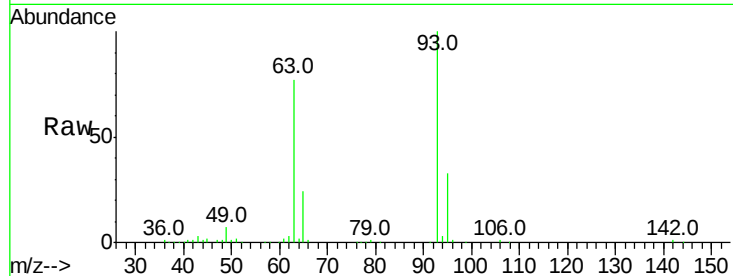




#11
bis(2-Chloroethyl)ether
Concen: 37.94 ng
RT: 5.48 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

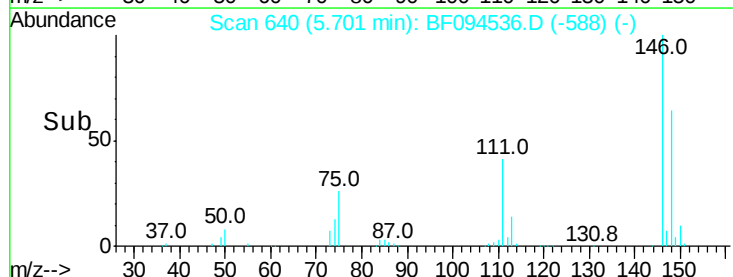
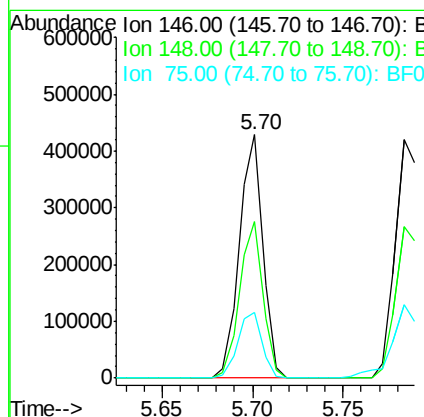
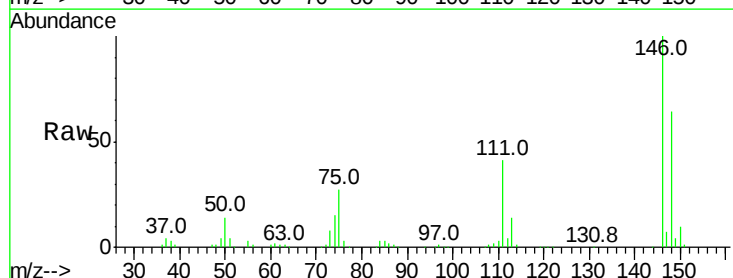
Instrument :
BNA_F
ClientSampleId :

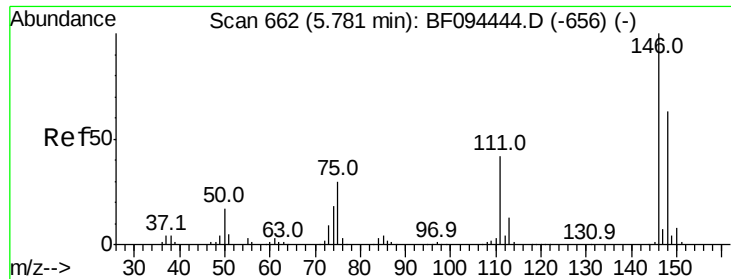
Tot Ion: 93 Resp: 319077
Ion Ratio Lower Upper
93 100
63 77.3 59.2 99.2
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.55 ng
RT: 5.70 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion: 146 Resp: 386332
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.6
75 27.2 23.1 34.7

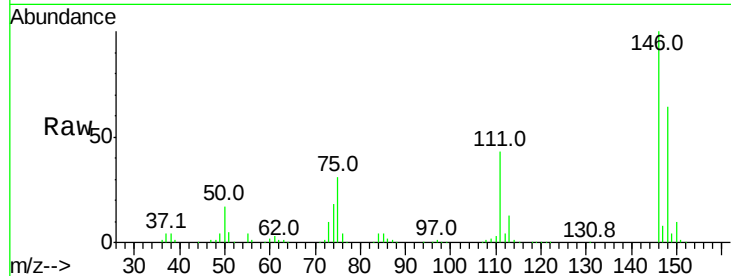




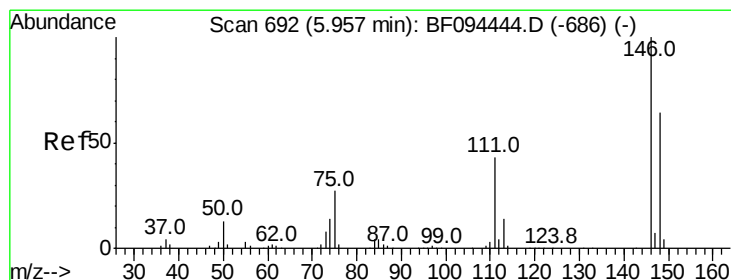
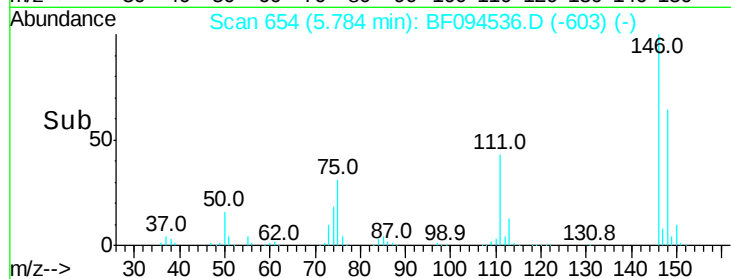
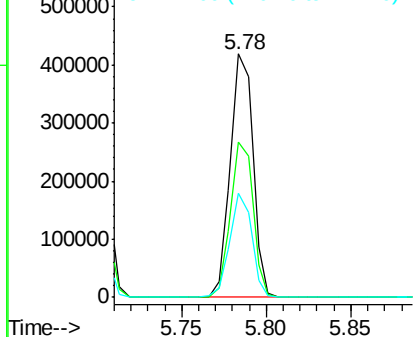
#13
 1,4-Dichlorobenzene
 Concen: 38.71 ng
 RT: 5.78 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 390324
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.2
 111 42.7 30.3 45.5

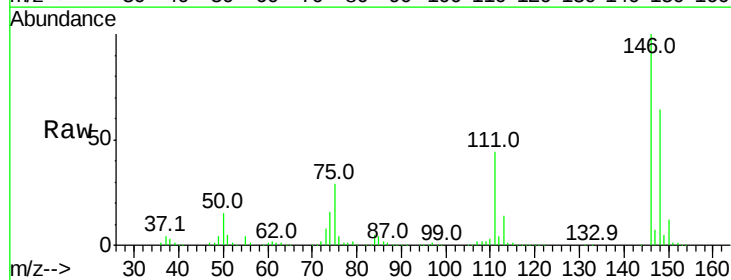


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

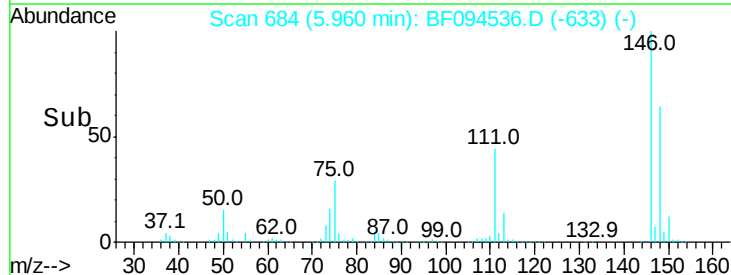
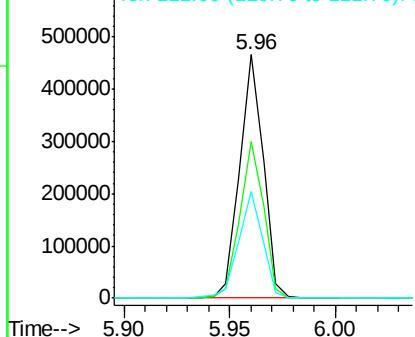


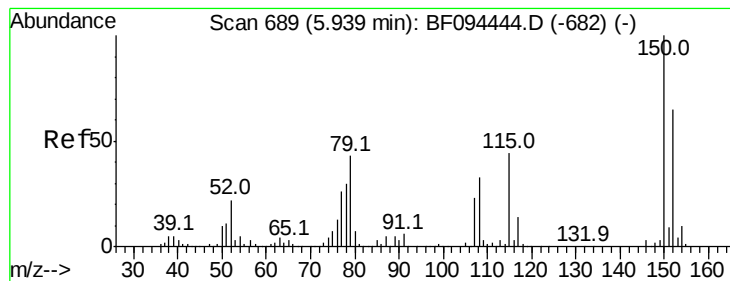
#14
 1,2-Dichlorobenzene
 Concen: 38.57 ng
 RT: 5.96 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion:146 Resp: 358232
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.4 75.6
 111 43.6 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 38.84 ng

RT: 5.94 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

ClientSampled :

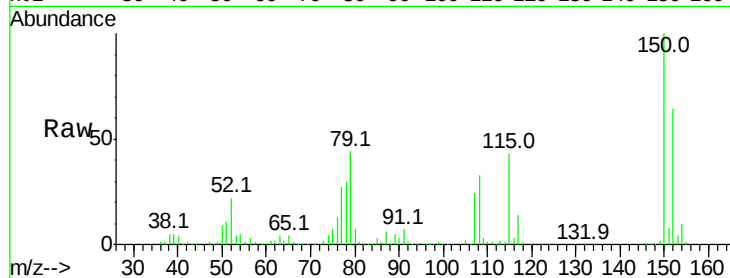
Tot Ion: 79 Resp: 270002

Ion Ratio Lower Upper

79 100

108 76.2 63.4 95.0

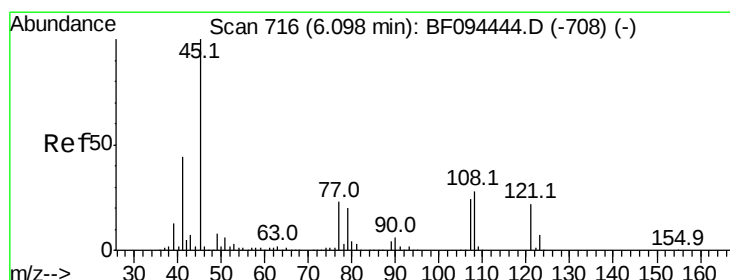
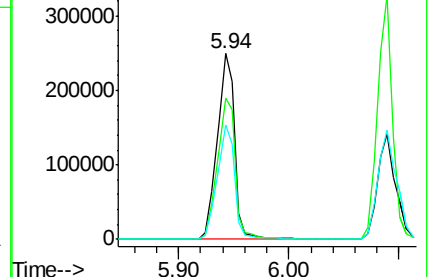
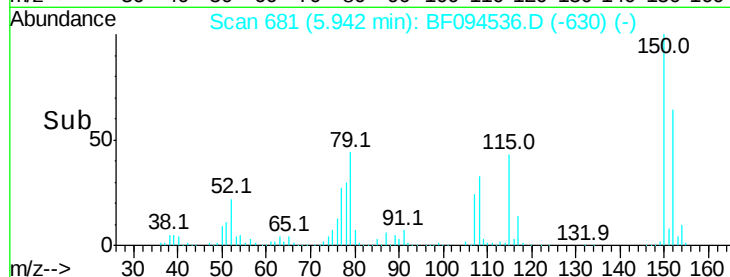
77 61.9 49.2 73.8



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: 38.46 ng

RT: 6.10 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

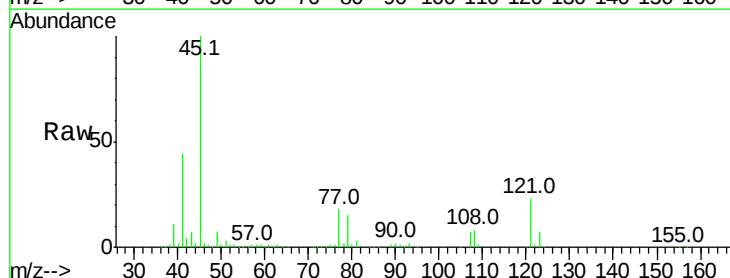
Tgt Ion: 45 Resp: 424126

Ion Ratio Lower Upper

45 100

77 18.4 0.0 33.2

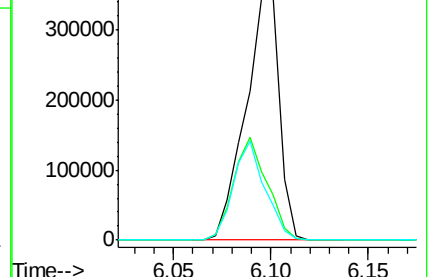
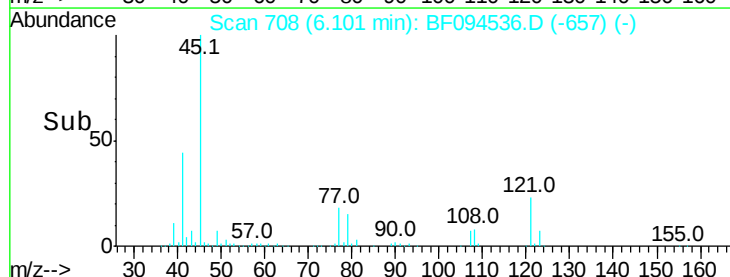
79 14.6 0.0 30.0

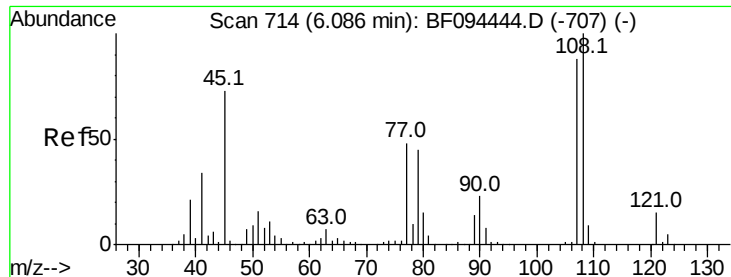


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

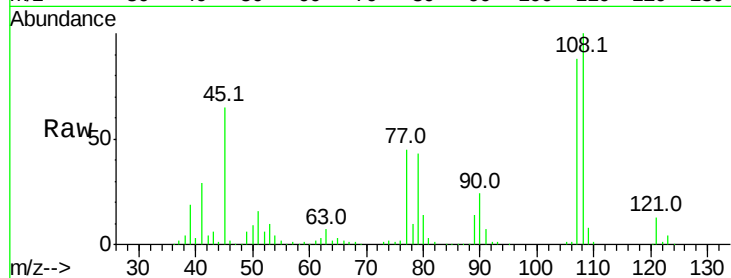




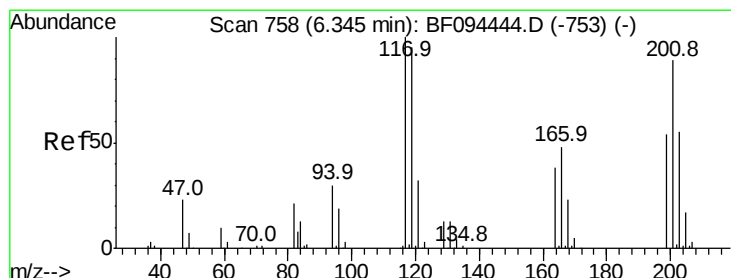
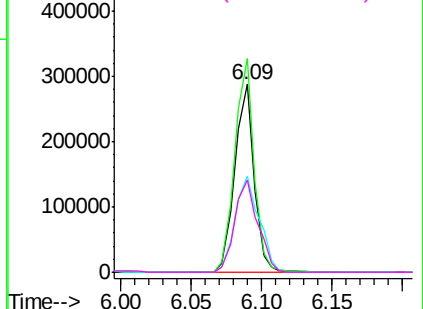
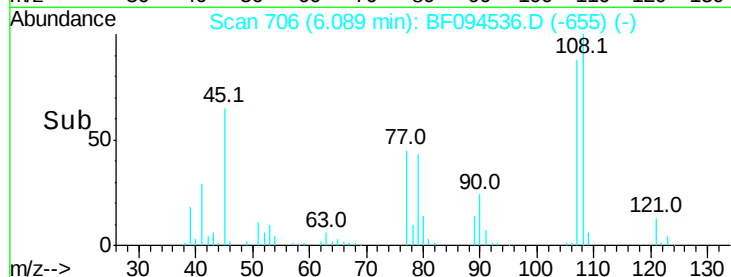
#17
2-Methylphenol
Concen: 38.46 ng
RT: 6.09 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 274002
Ion Ratio Lower Upper
107 100
108 113.8 93.4 140.0
77 50.9 35.8 53.6
79 49.0 34.8 52.2

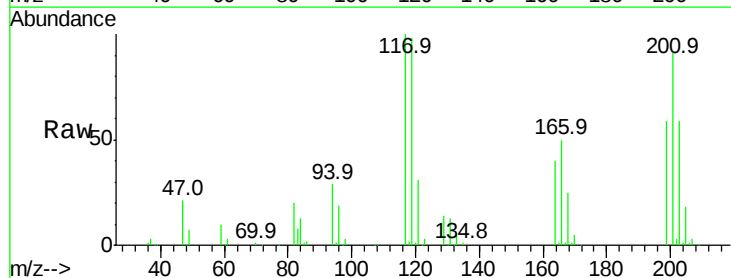


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

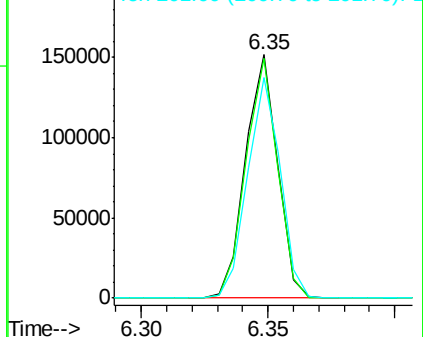
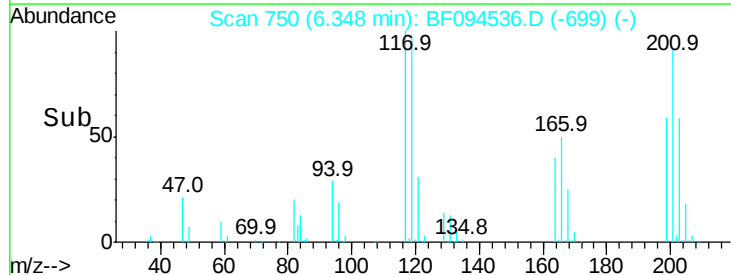


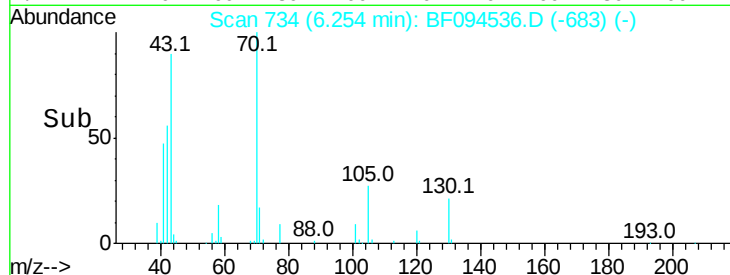
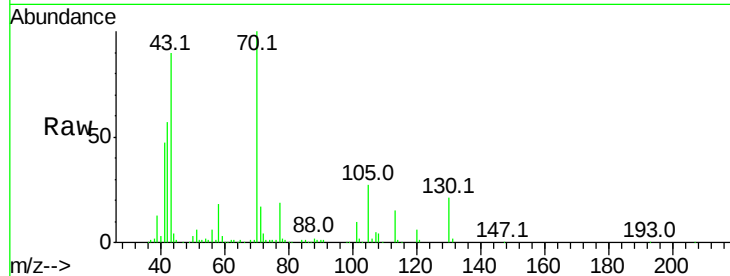
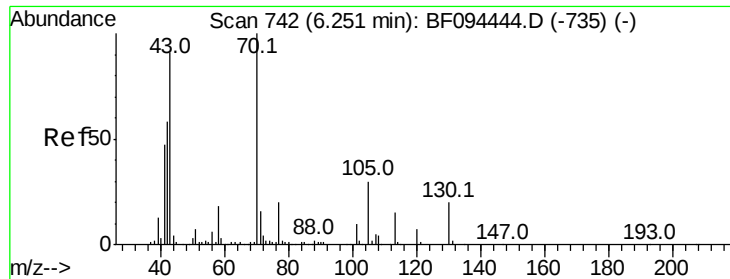
#18
Hexachloroethane
Concen: 38.60 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion:117 Resp: 133420
Ion Ratio Lower Upper
117 100
119 98.4 77.4 116.0
201 90.7 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

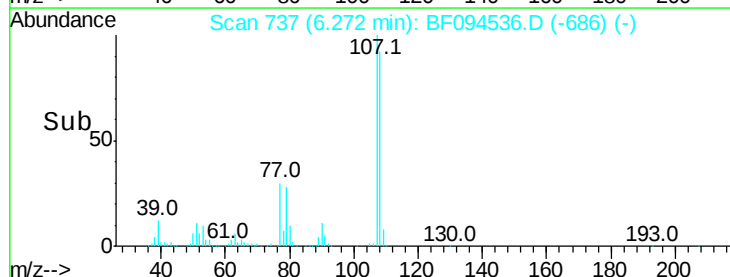
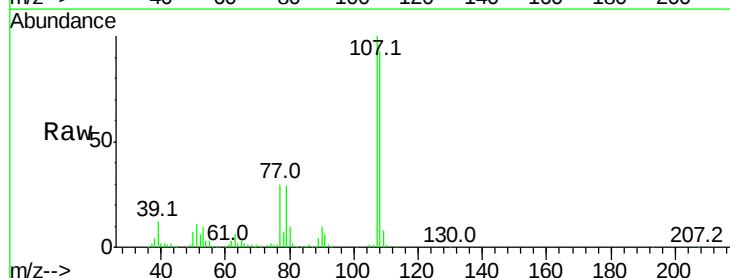
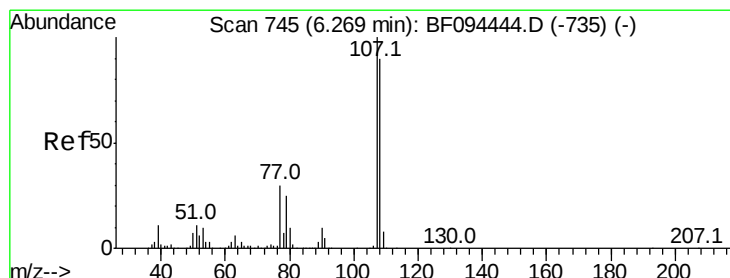
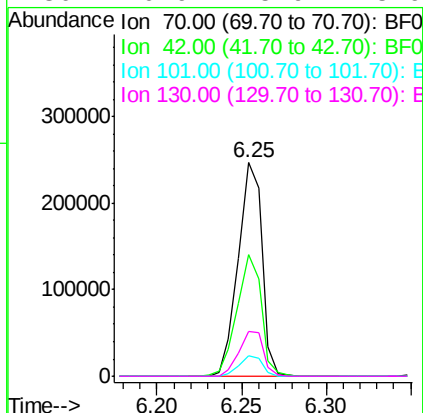




#19
n-Nitroso-di-n-propylamine
Concen: 39.17 ng
RT: 6.25 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

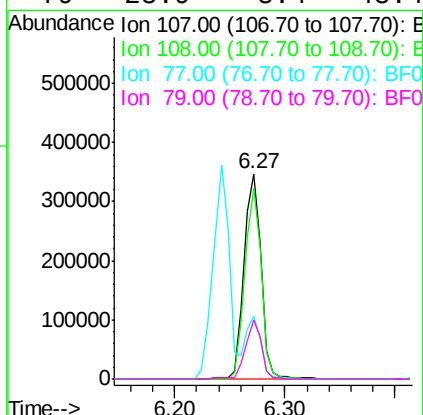
Instrument :
BNA_F
ClientSampleId :

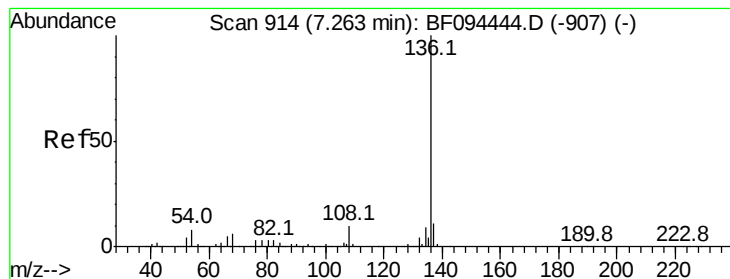
Tot Ion: 70 Resp: 243226
Ion Ratio Lower Upper
70 100
42 57.0 47.2 70.8
101 9.6 7.2 10.8
130 20.9 15.9 23.9



#20
3+4-Methylphenols
Concen: 39.01 ng
RT: 6.27 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion:107 Resp: 377610
Ion Ratio Lower Upper
107 100
108 92.8 71.0 111.0
77 30.5 90.5 130.5#
79 28.9 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: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

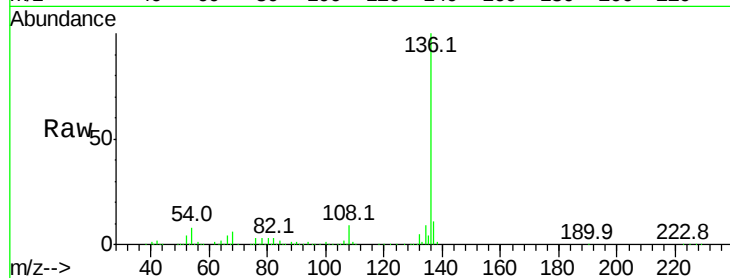
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 526733

Ion Ratio Lower Upper

136	100		
137	11.0	8.5	12.7
54	7.5	4.9	7.3#
68	5.6	4.1	6.1

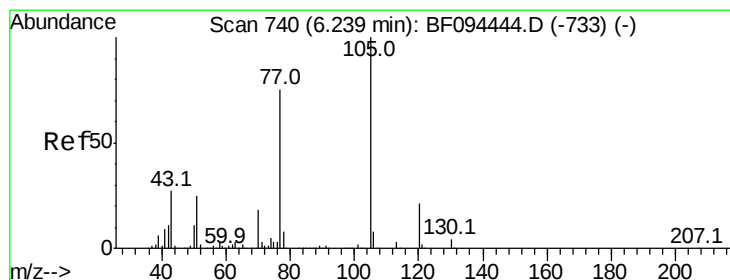
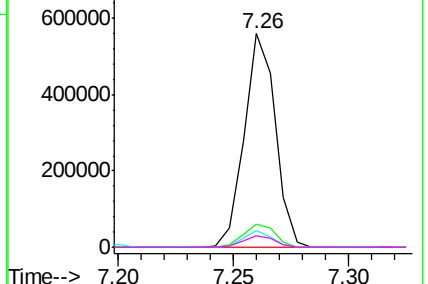
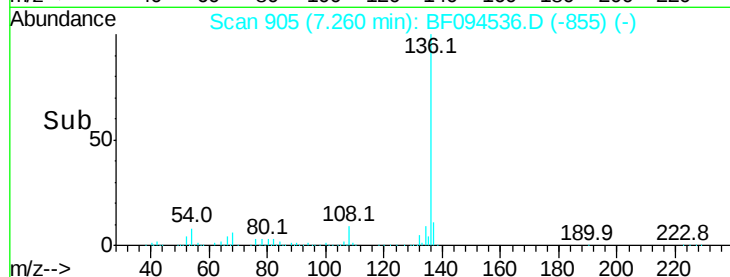


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.96 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.00 min

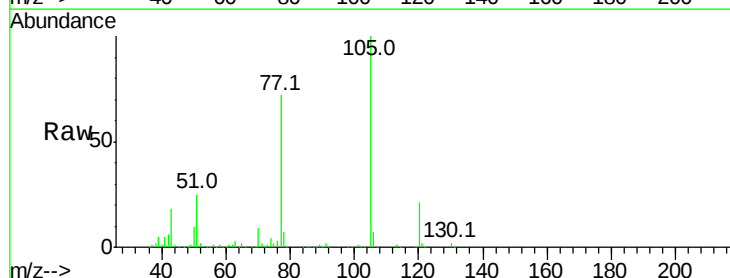
Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Tgt Ion:105 Resp: 498940

Ion Ratio Lower Upper

105	100		
71	1.5	2.8	4.2#
51	24.8	30.7	46.1#
120	20.7	17.4	26.0

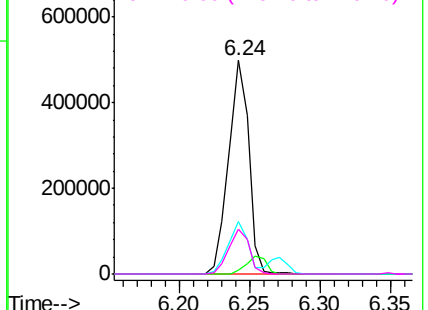
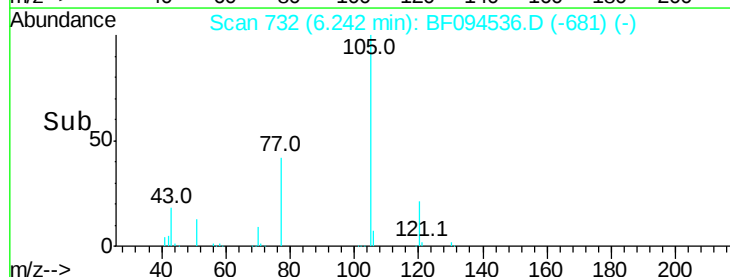


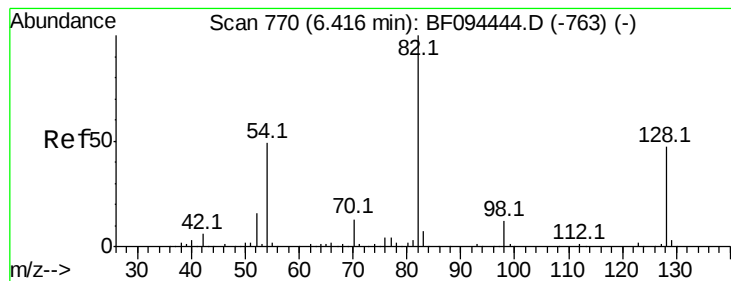
Abundance Ion 105.00 (104.70 to 105.70): E

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: 76.94 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

ClientSampleId :

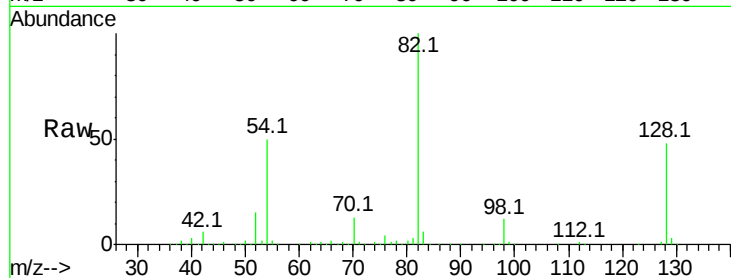
Tot Ion: 82 Resp: 656330

Ion Ratio Lower Upper

82 100

128 47.5 34.0 51.0

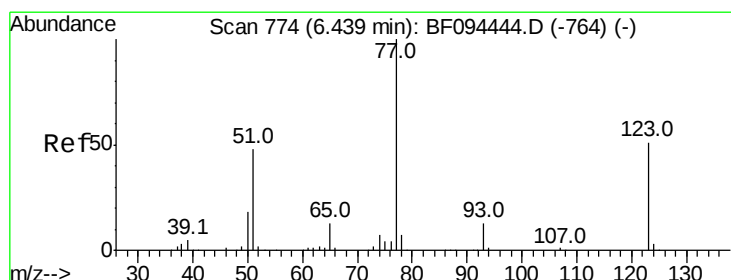
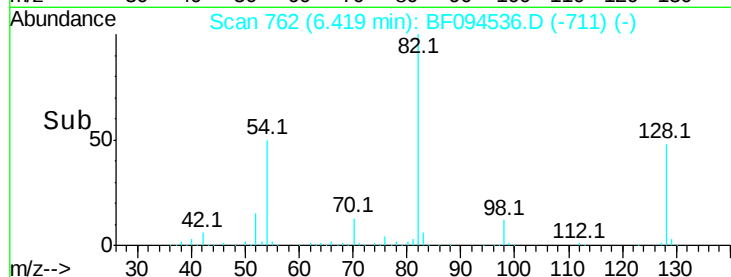
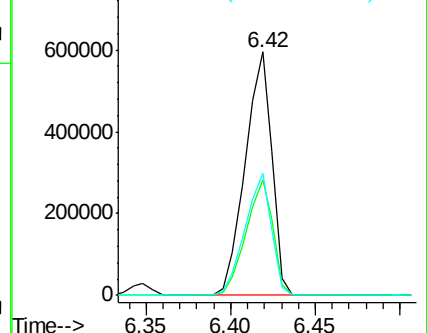
54 49.9 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.05 ng

RT: 6.44 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

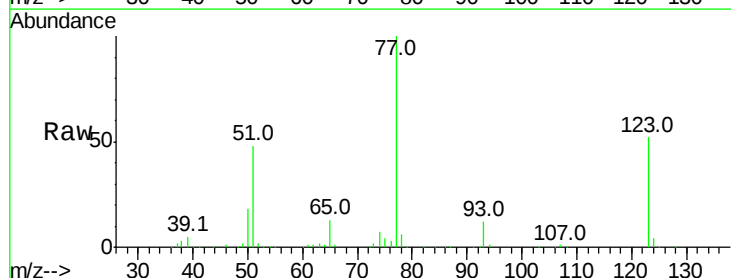
Tgt Ion: 77 Resp: 350751

Ion Ratio Lower Upper

77 100

123 52.5 35.8 53.8

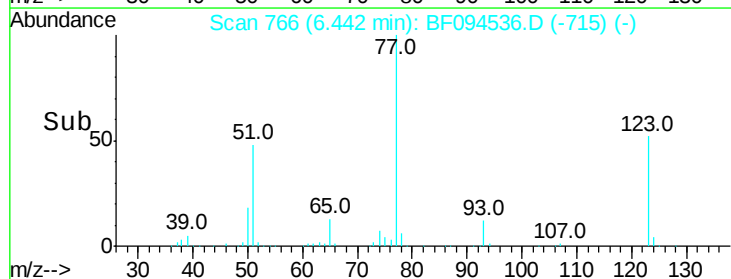
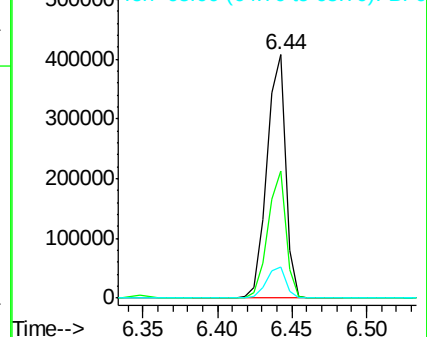
65 12.7 10.6 15.8

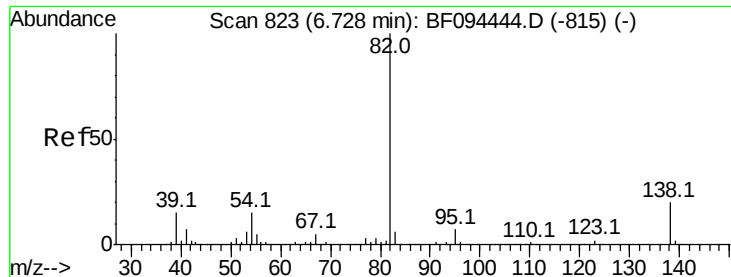


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.31 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

ClientSampleId :

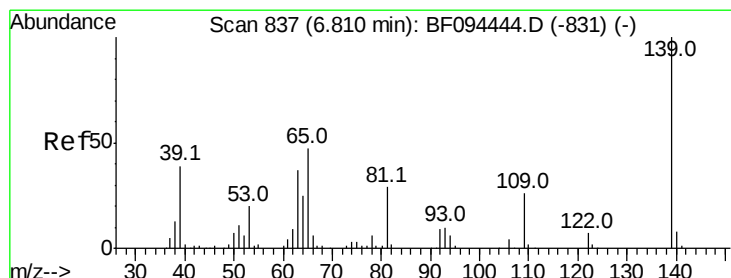
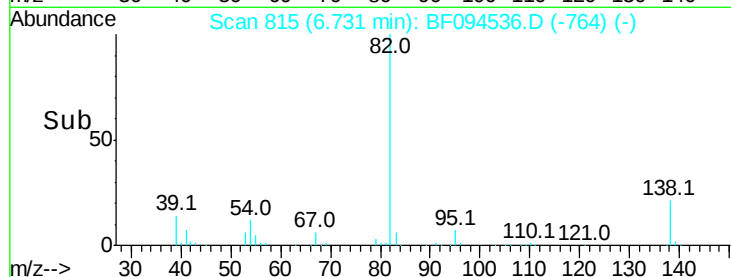
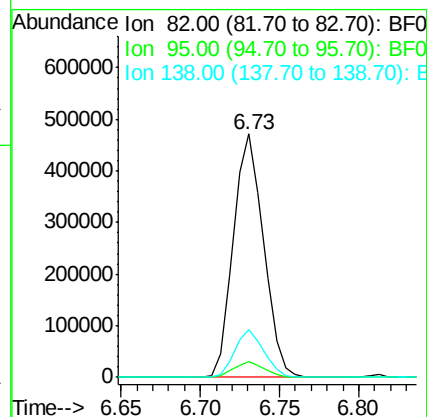
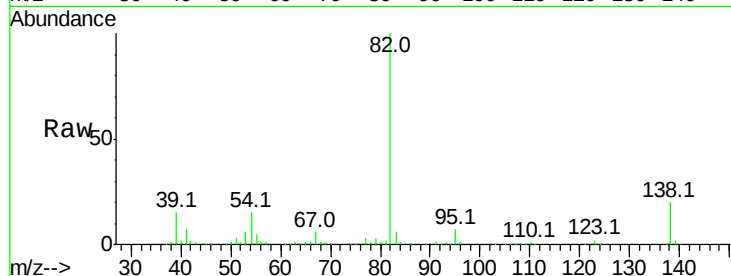
Tot Ion: 82 Resp: 621548

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 19.6 13.1 19.7



#26

2-Nitrophenol

Concen: 40.05 ng

RT: 6.81 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

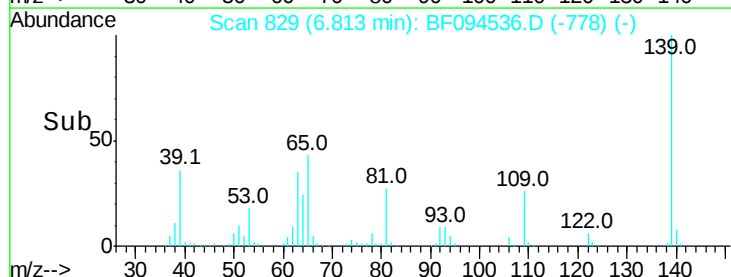
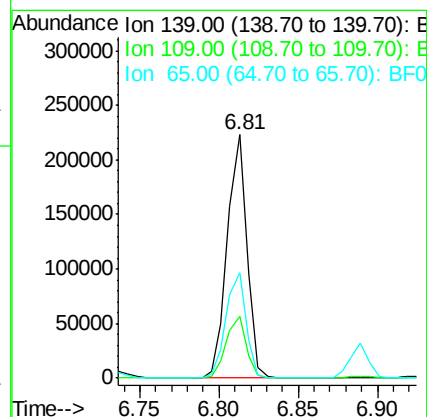
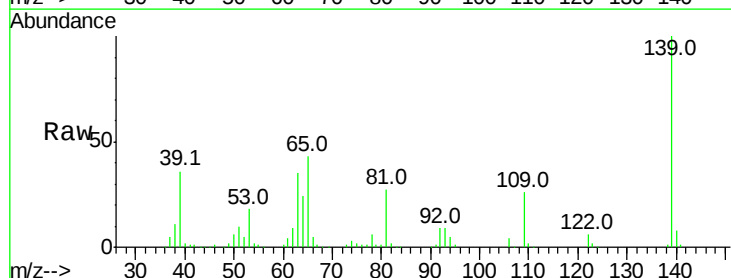
Tgt Ion:139 Resp: 193294

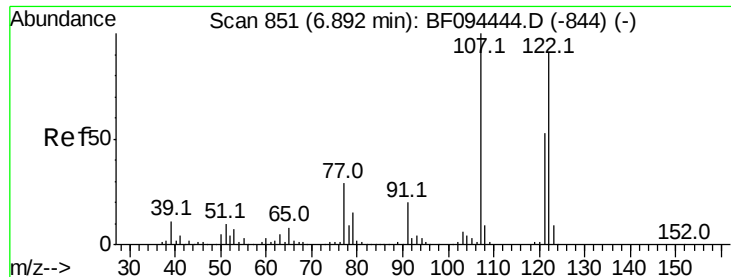
Ion Ratio Lower Upper

139 100

109 25.5 21.0 31.6

65 43.1 33.0 49.6

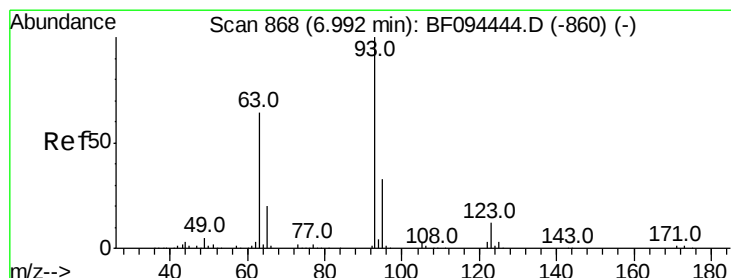
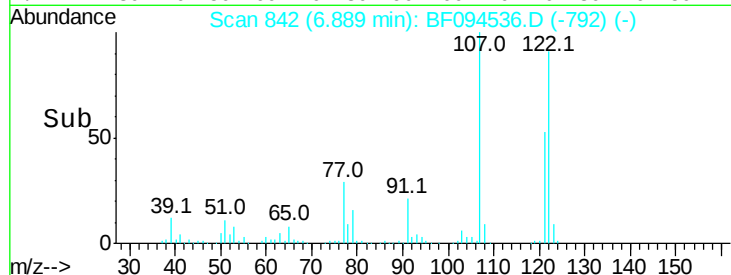
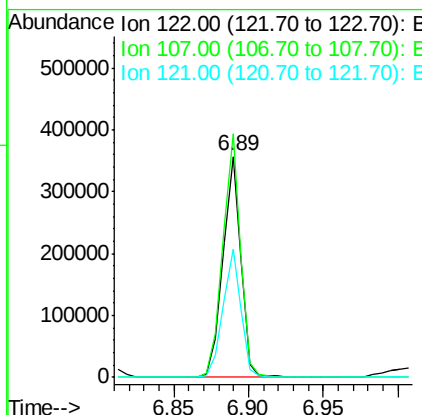
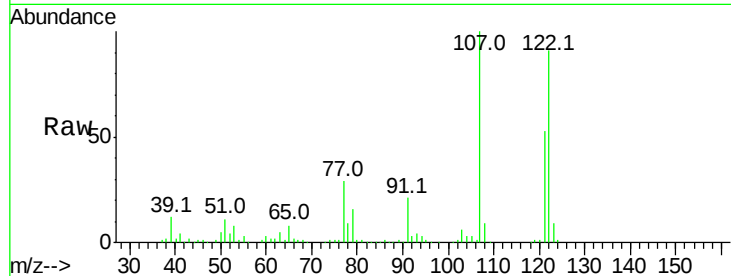




#27
2,4-Dimethylphenol
Concen: 38.97 ng
RT: 6.89 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

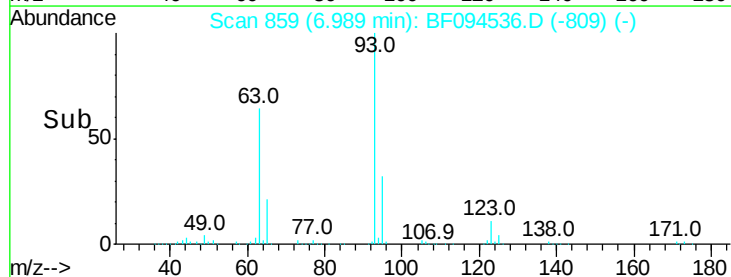
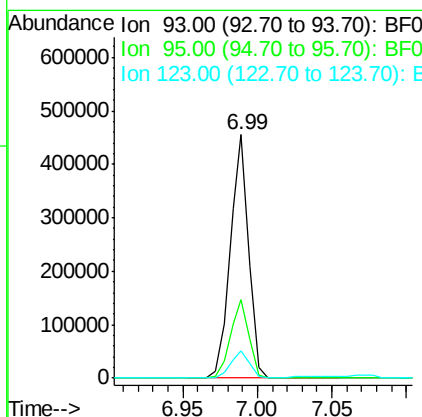
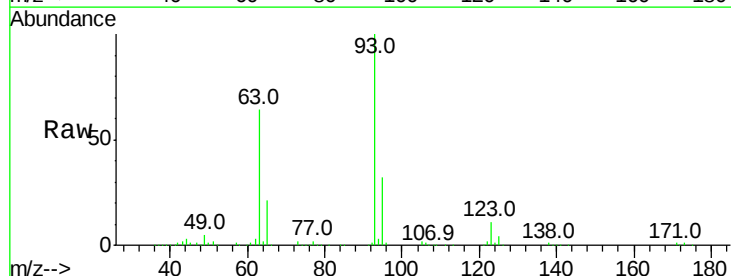
Instrument :
BNA_F
ClientSampled :

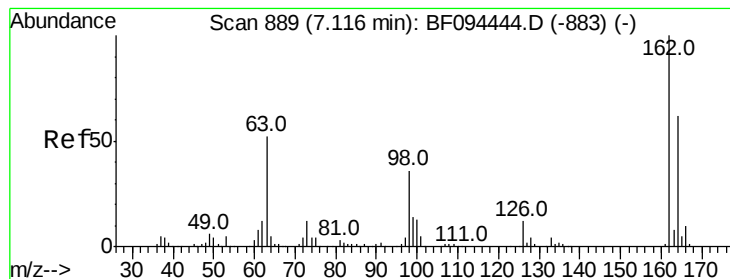
Tot Ion:122 Resp: 305472
Ion Ratio Lower Upper
122 100
107 110.2 89.2 133.8
121 57.9 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 38.68 ng
RT: 6.99 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion: 93 Resp: 395683
Ion Ratio Lower Upper
93 100
95 32.1 26.5 39.7
123 11.3 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 39.84 ng

RT: 7.11 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

ClientSampled :

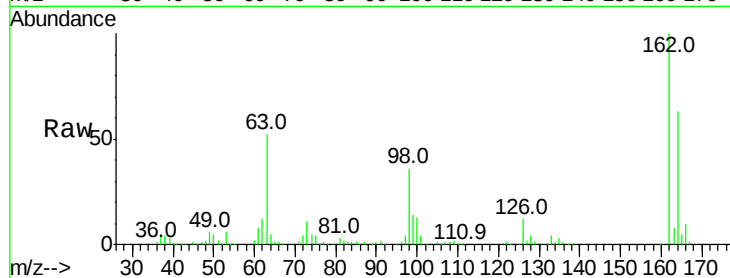
Tot Ion:162 Resp: 290561

Ion Ratio Lower Upper

162 100

164 63.3 44.6 84.6

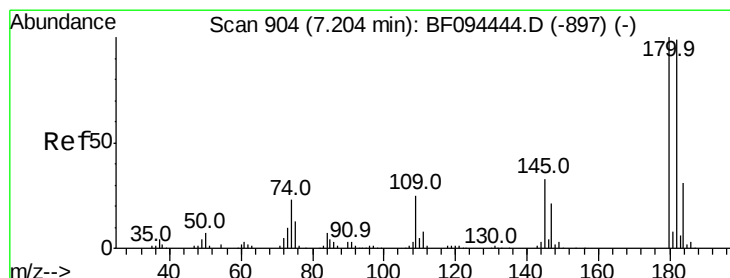
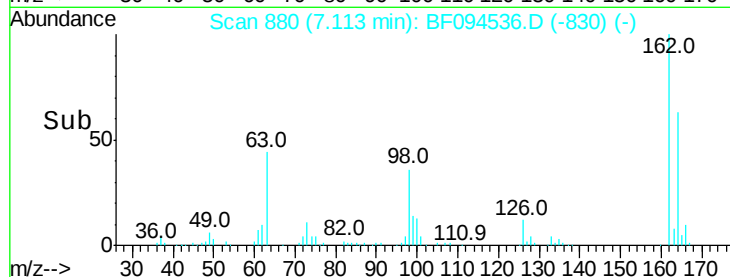
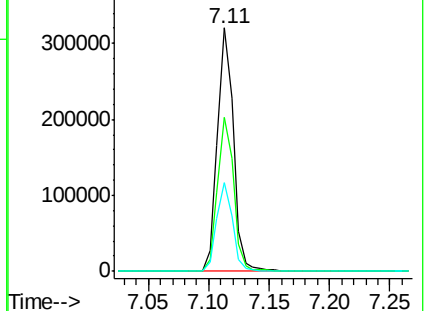
98 36.2 14.8 54.8



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: 38.88 ng

RT: 7.20 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

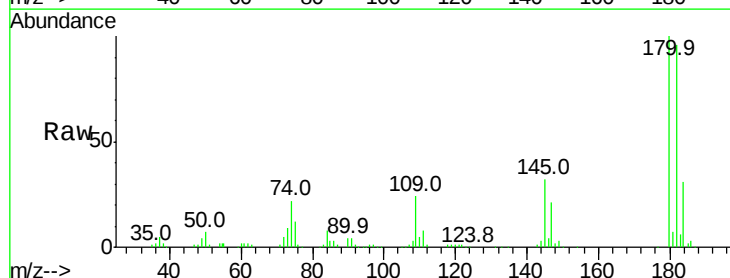
Tgt Ion:180 Resp: 293162

Ion Ratio Lower Upper

180 100

182 95.9 75.8 113.6

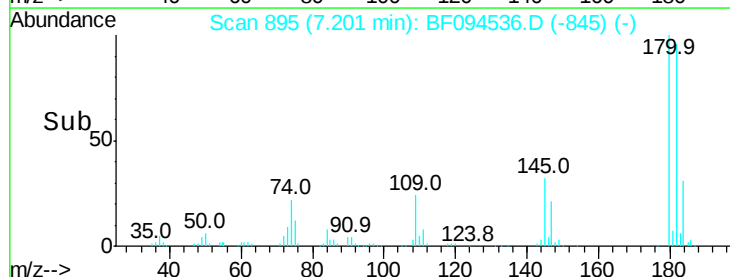
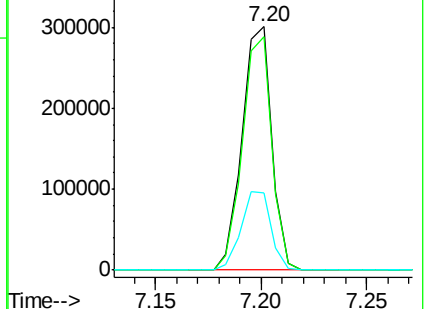
145 31.9 25.3 37.9

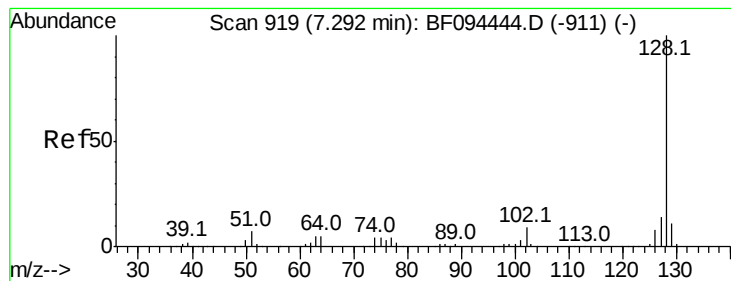


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.55 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

ClientSampled :

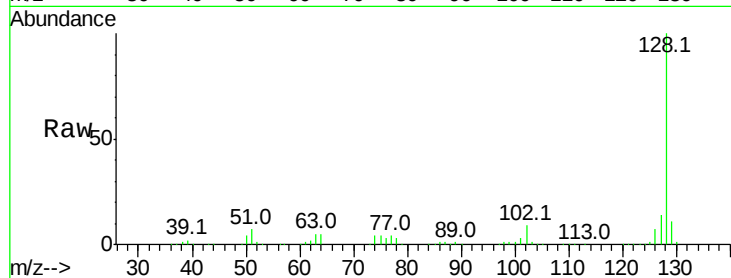
Tot Ion:128 Resp: 976201

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

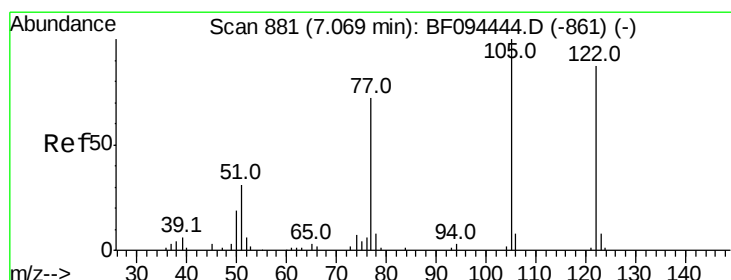
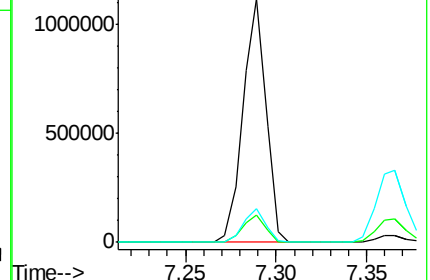
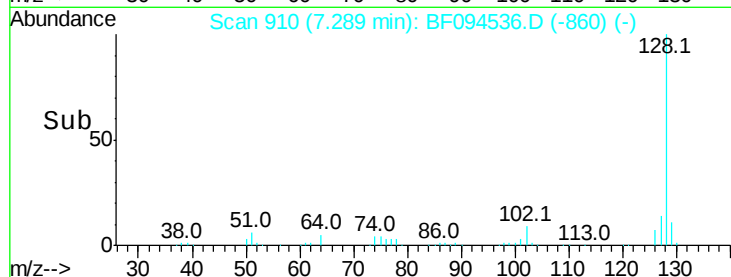
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.38 ng

RT: 7.08 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

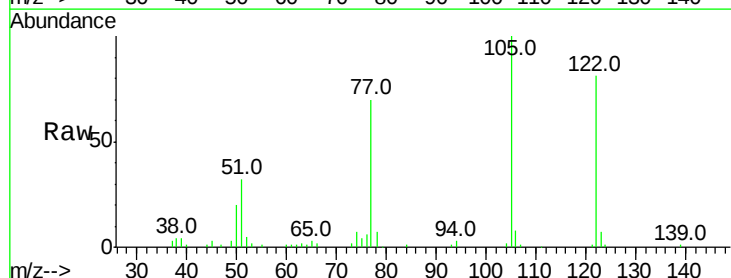
Tgt Ion:122 Resp: 200565

Ion Ratio Lower Upper

122 100

105 123.2 103.3 143.3

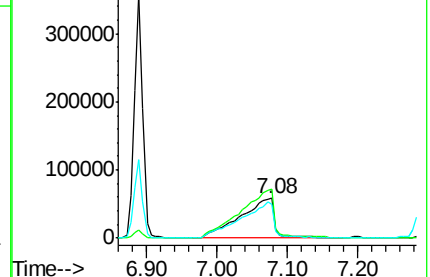
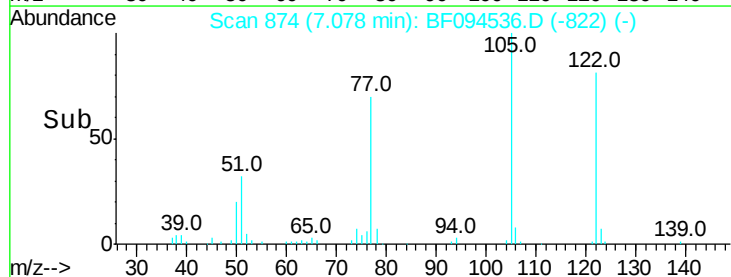
77 86.2 73.7 113.7

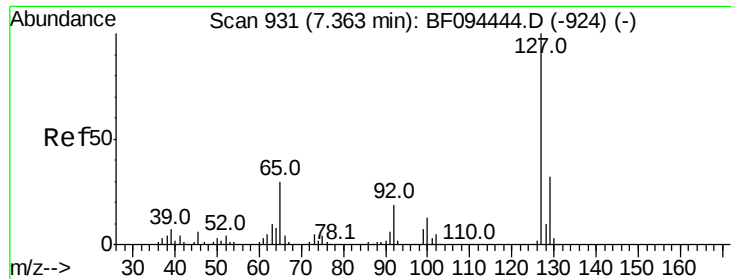


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

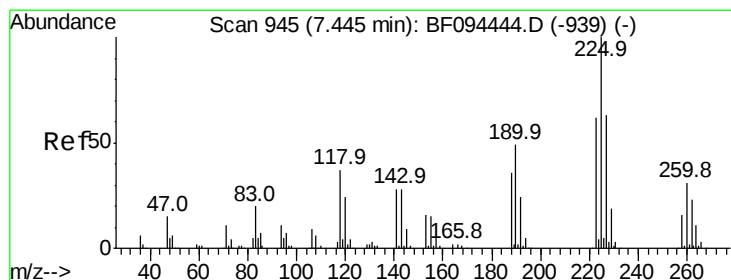
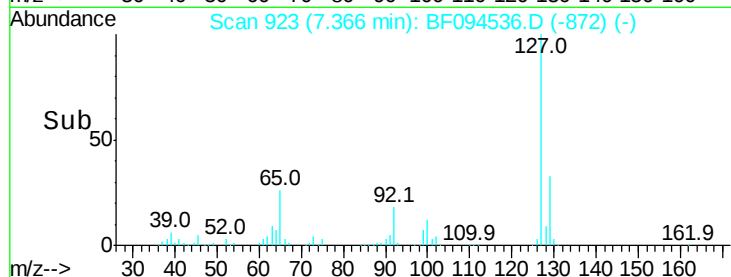
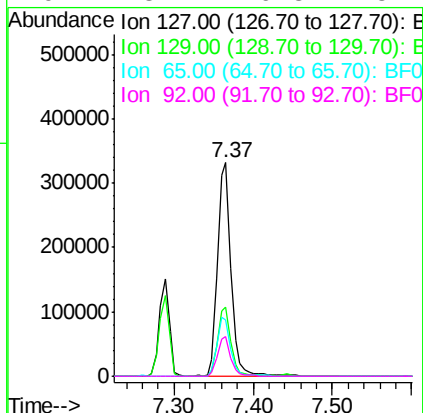
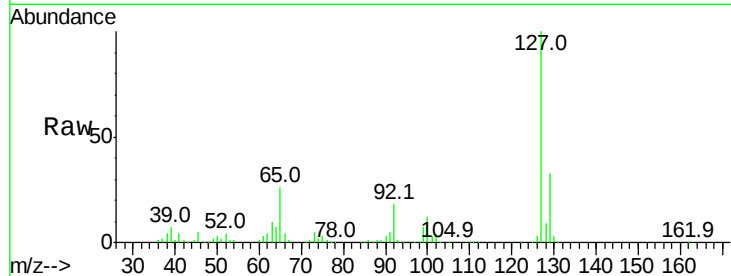




#33
4-Chloroaniline
Concen: 37.27 ng
RT: 7.37 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

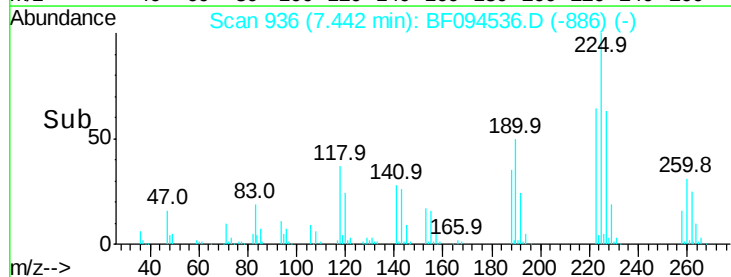
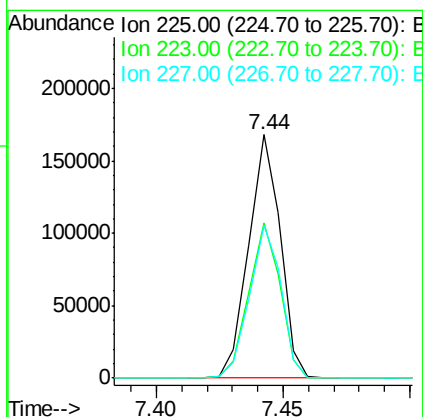
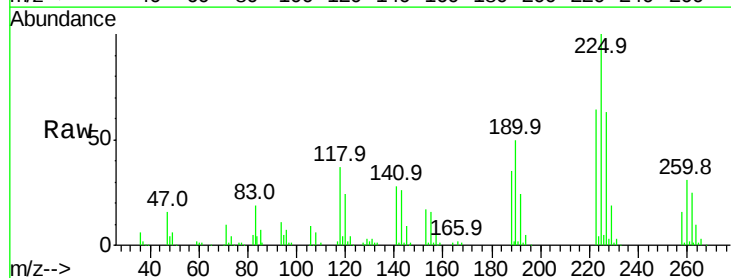
Instrument :
BNA_F
ClientSampleId :

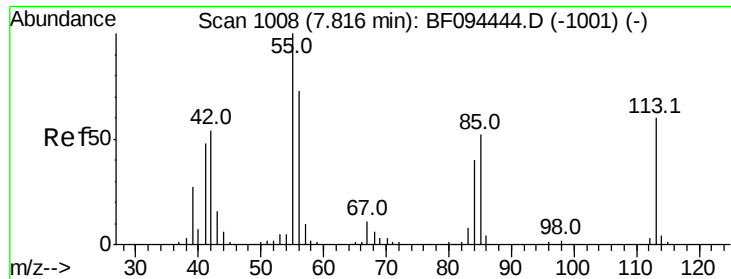
Tot Ion:	127	Resp:	392579
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	26.4	27.8	41.8#
92	18.4	16.8	25.2



#34
Hexachlorobutadiene
Concen: 38.91 ng
RT: 7.44 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion:	225	Resp:	146258
Ion	Ratio	Lower	Upper
225	100		
223	63.7	48.8	73.2
227	62.6	51.1	76.7

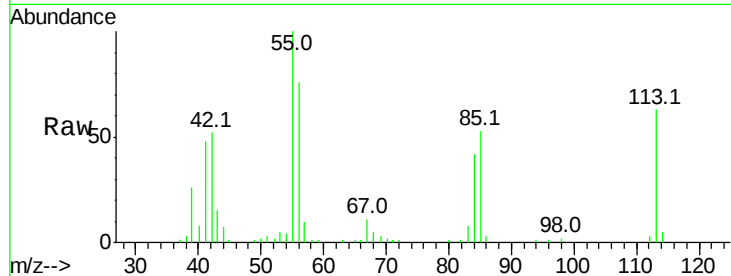




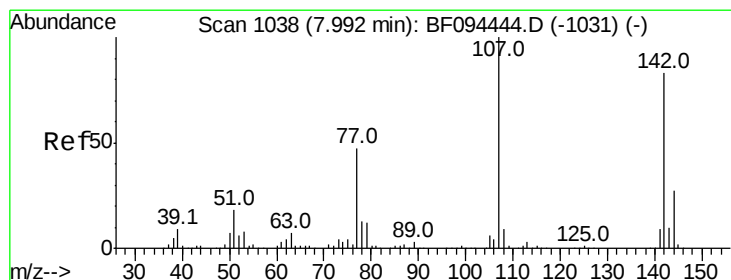
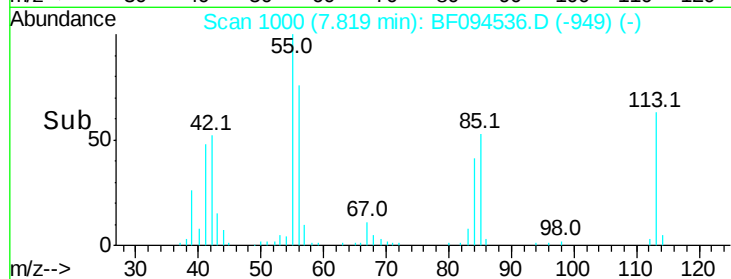
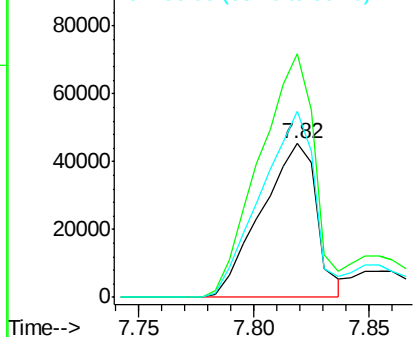
#35
 Caprolactam
 Concen: 32.99 ng
 RT: 7.82 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 75569
 Ion Ratio Lower Upper
 113 100
 55 158.4 150.2 190.2
 56 121.2 107.8 147.8

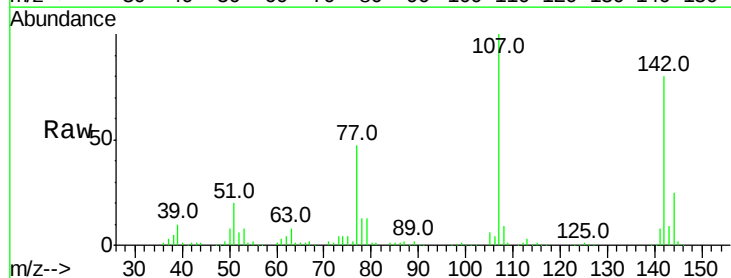


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

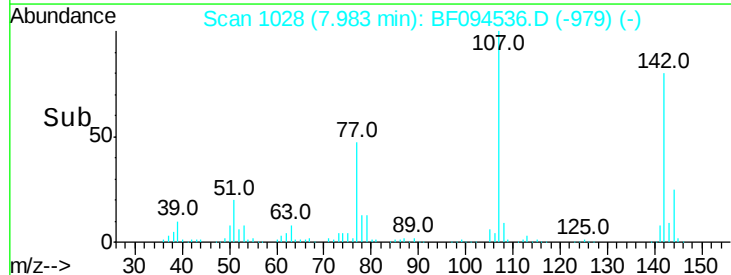
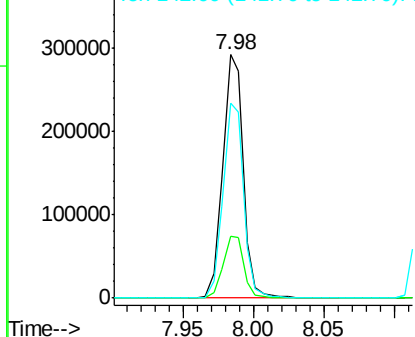


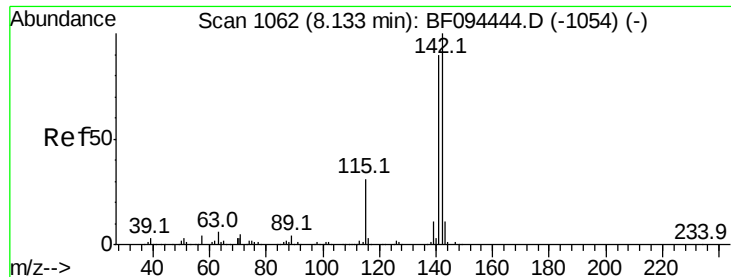
#36
 4-Chloro-3-methylphenol
 Concen: 38.63 ng
 RT: 7.98 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion:107 Resp: 295219
 Ion Ratio Lower Upper
 107 100
 144 25.2 24.2 36.4
 142 79.8 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: 38.56 ng

RT: 8.13 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

ClientSampleId :

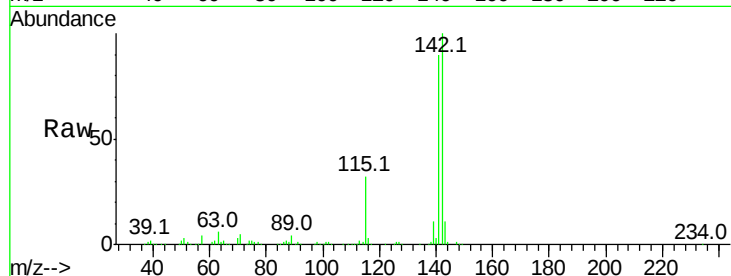
Tot Ion:142 Resp: 668021

Ion Ratio Lower Upper

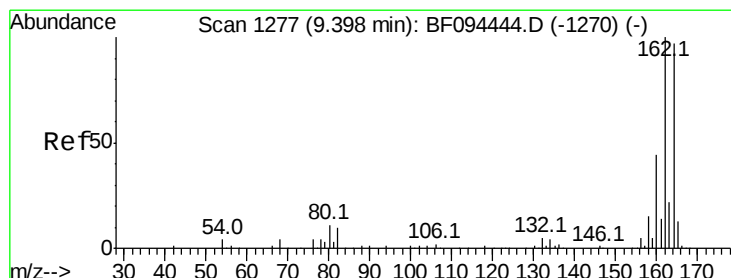
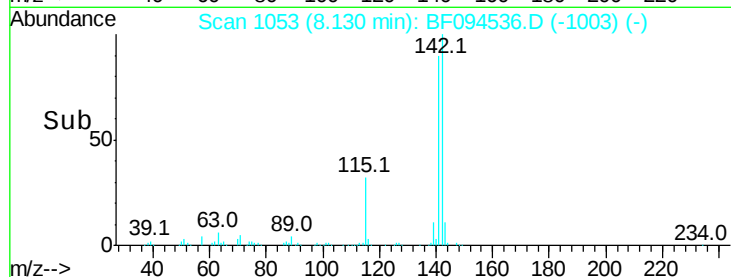
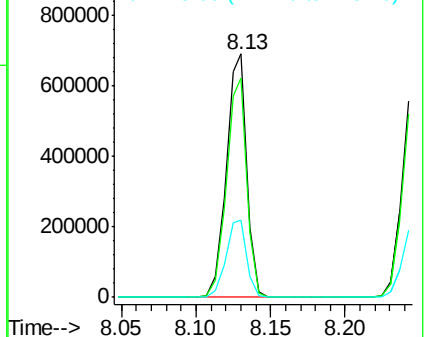
142 100

141 90.3 71.3 106.9

115 31.7 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: BF094536.D

Acq: 20 Apr 2017 11:08

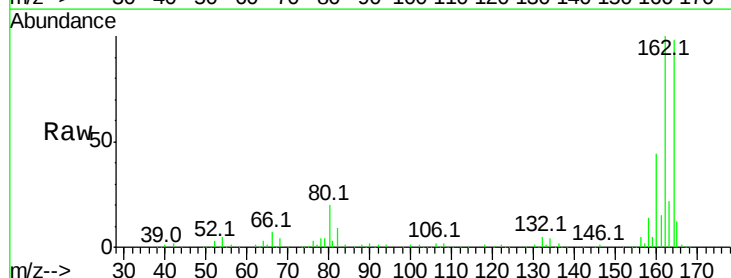
Tgt Ion:164 Resp: 237279

Ion Ratio Lower Upper

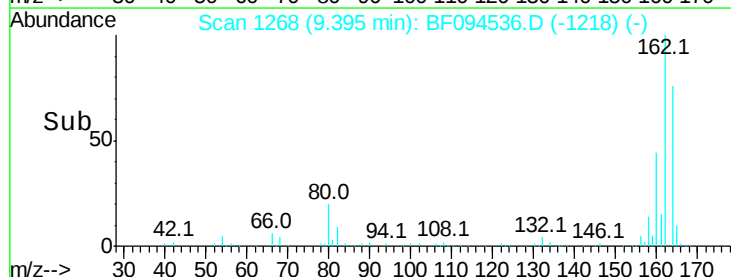
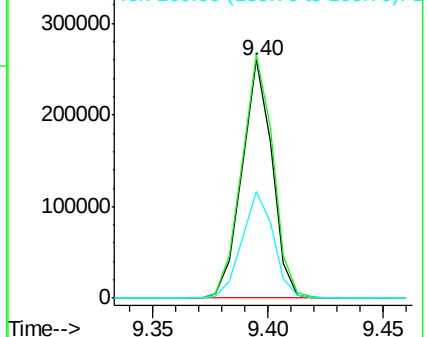
164 100

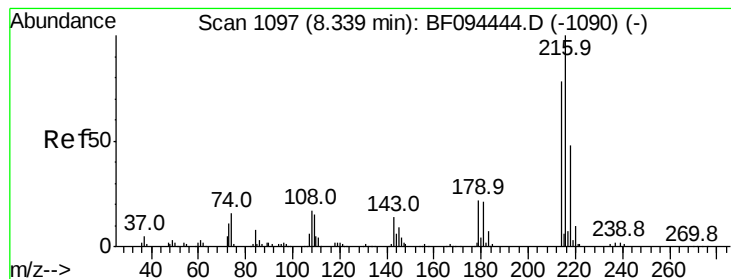
162 102.3 82.6 123.8

160 44.8 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: 39.32 ng

RT: 8.34 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 265653

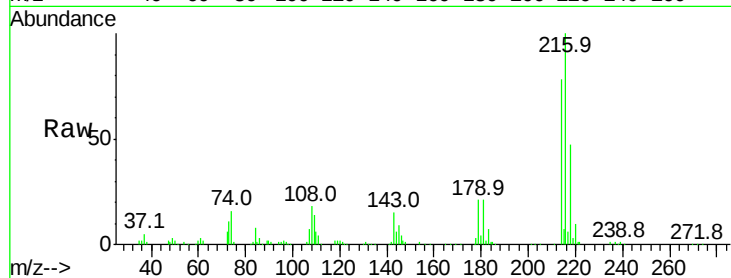
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 22.0 17.9 26.9

108 20.2 16.5 24.7

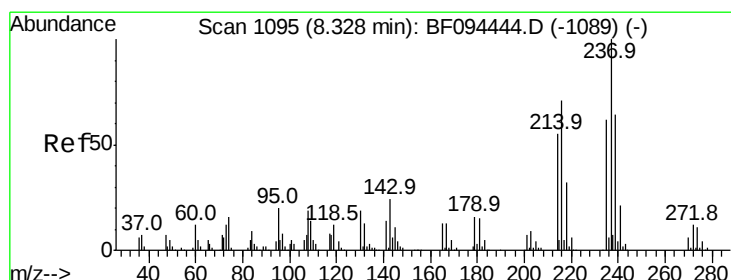
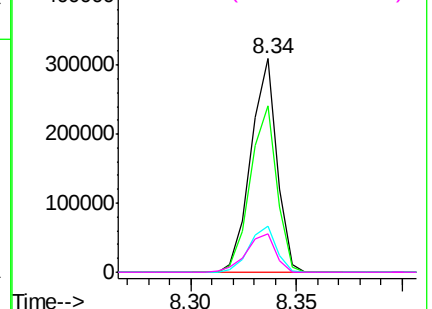
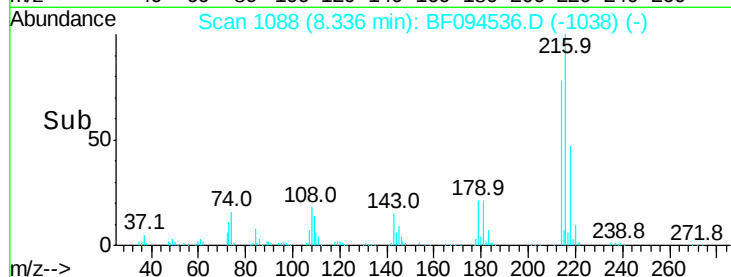


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 43.31 ng

RT: 8.32 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

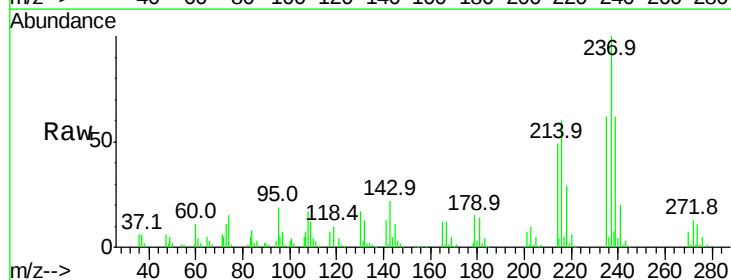
Tgt Ion:237 Resp: 118394

Ion Ratio Lower Upper

237 100

235 62.4 42.6 82.6

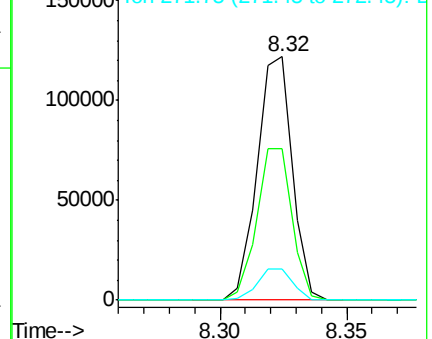
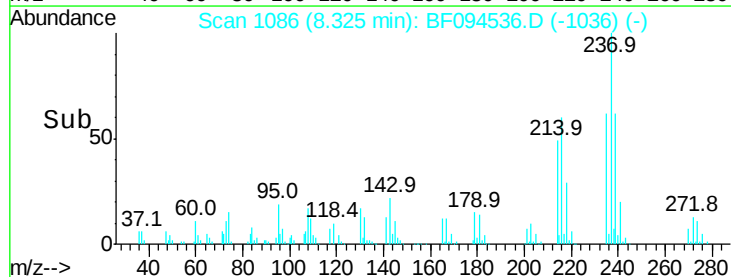
272 12.6 0.0 31.9

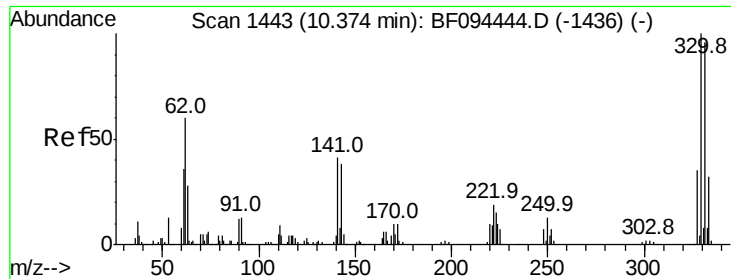


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

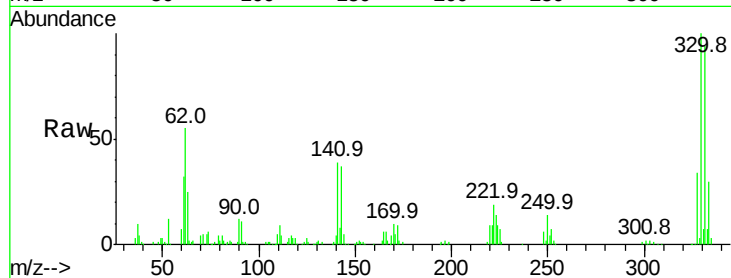




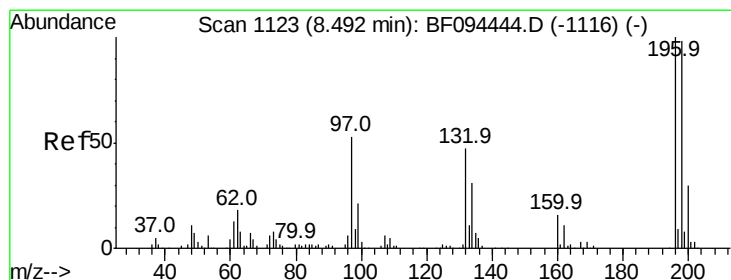
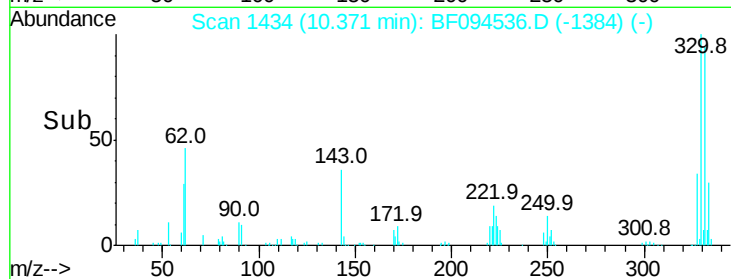
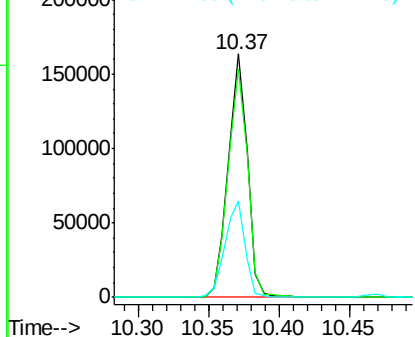
#41
 2,4,6-Tribromophenol
 Concen: 84.25 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 156361
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 41.1 31.4 47.2

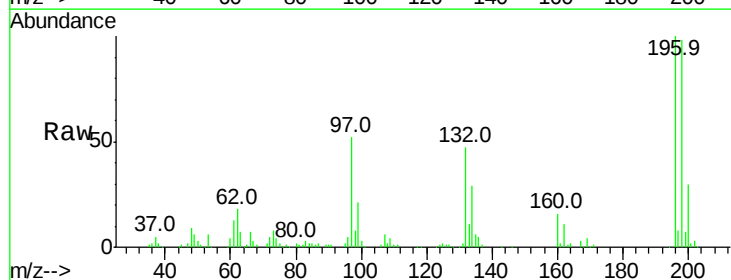


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

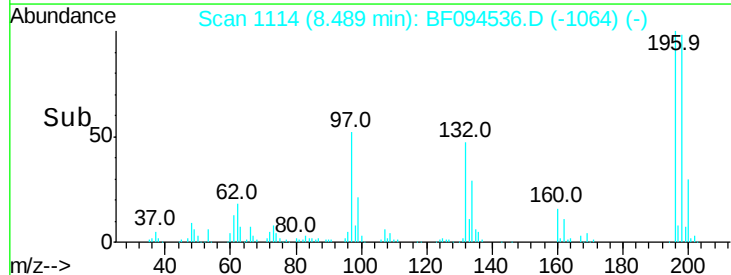
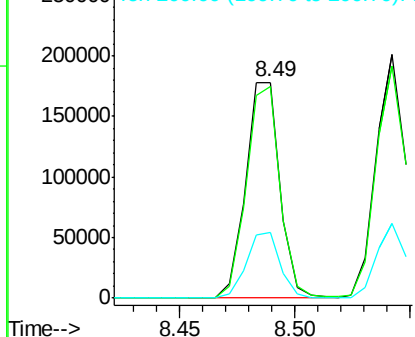


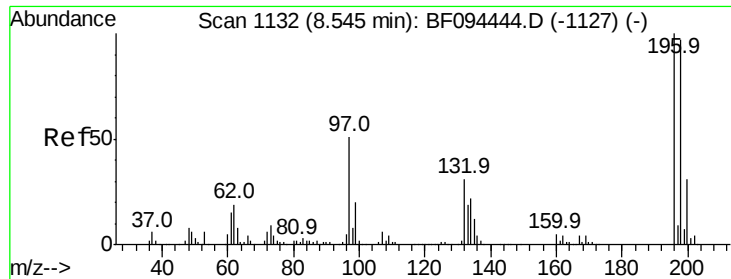
#42
 2,4,6-Trichlorophenol
 Concen: 38.96 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion:196 Resp: 184874
 Ion Ratio Lower Upper
 196 100
 198 98.0 74.2 111.4
 200 30.5 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

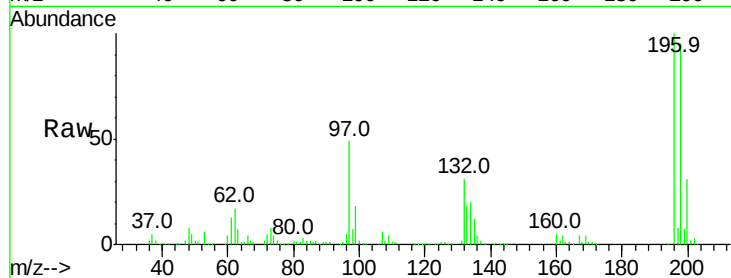




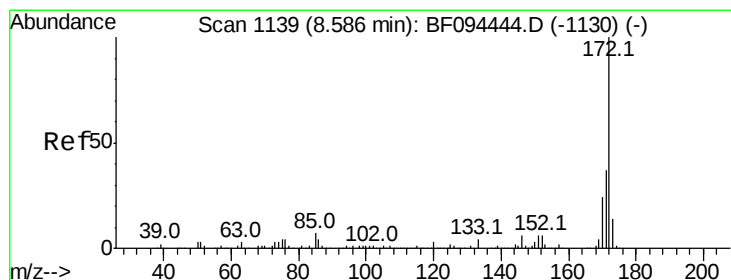
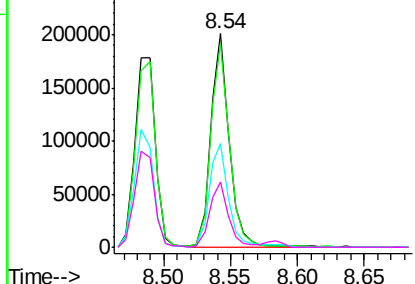
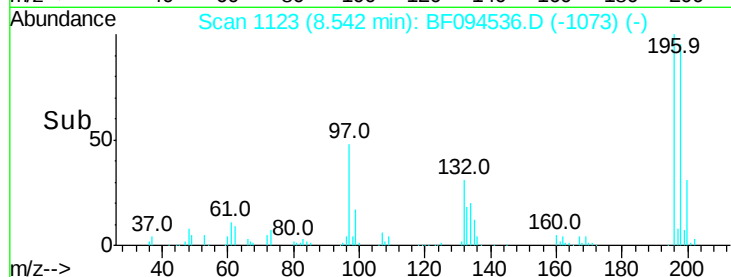
#43
 2,4,5-Trichlorophenol
 Concen: 39.68 ng
 RT: 8.54 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 193370
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 97 48.8 47.7 71.5
 132 30.8 28.0 42.0

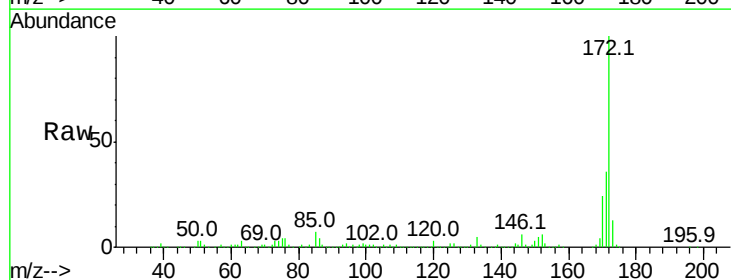


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

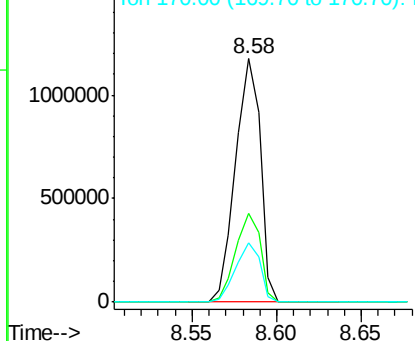
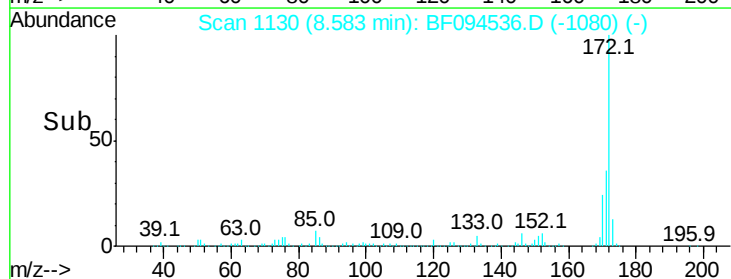


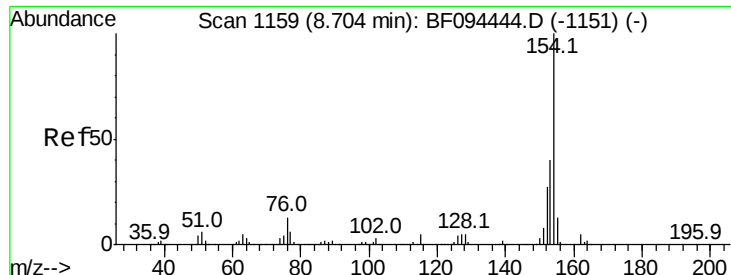
#44
 2-Fluorobiphenyl
 Concen: 75.00 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion:172 Resp: 1209571
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.3 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

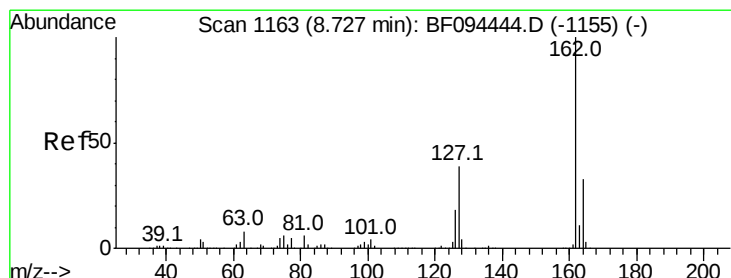
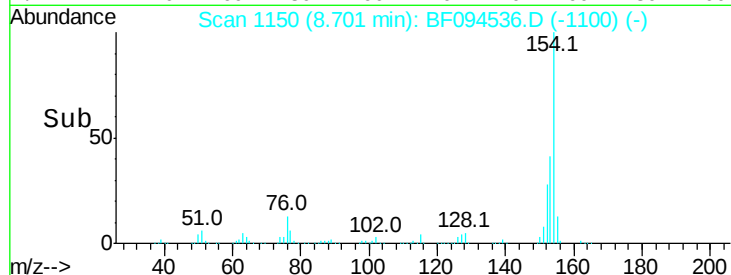
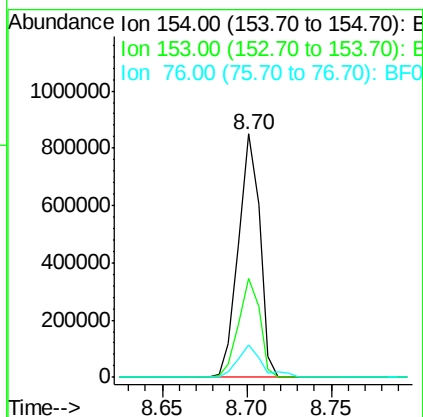
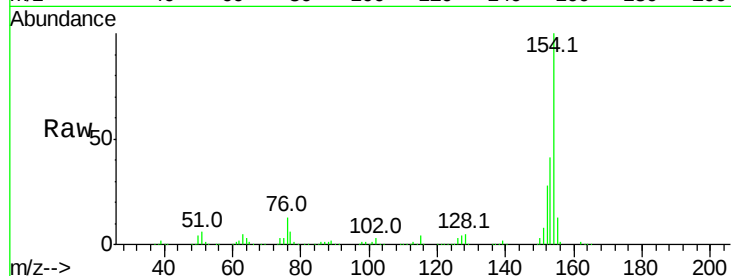




#45
 1,1'-Biphenyl
 Concen: 38.67 ng
 RT: 8.70 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

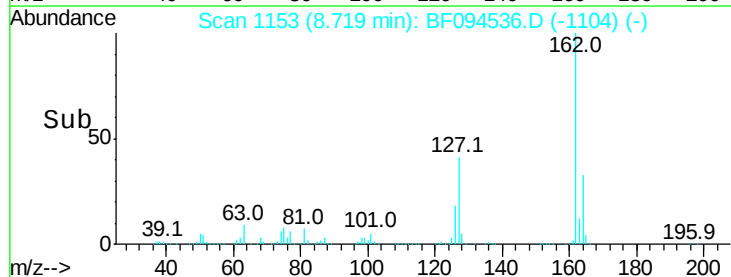
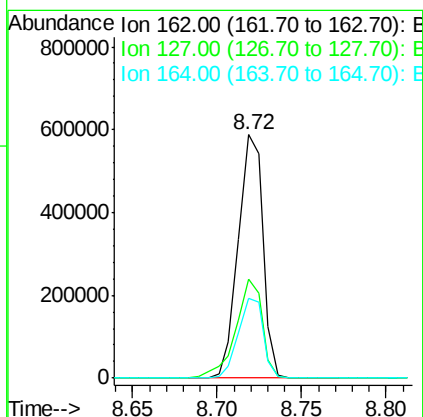
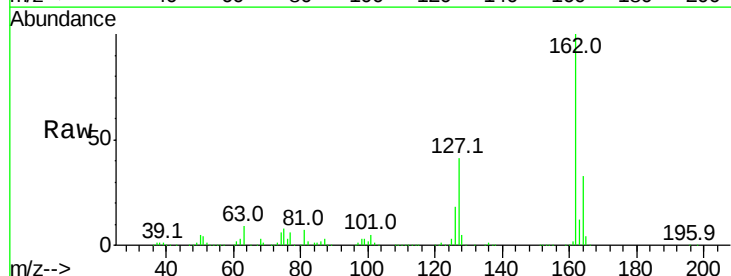
Instrument :
 BNA_F
 ClientSampleId :

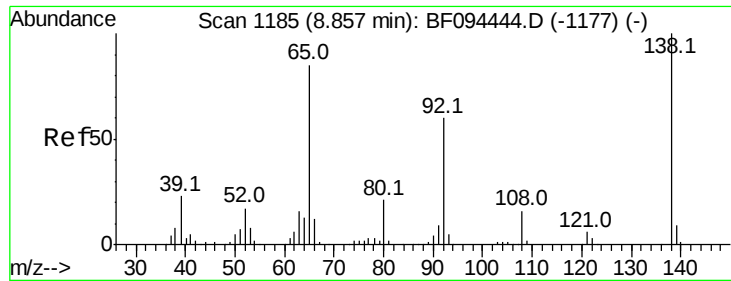
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.2	61.2
76	13.4	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 38.89 ng
 RT: 8.72 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	28.3	42.5
164	32.6	27.0	40.4

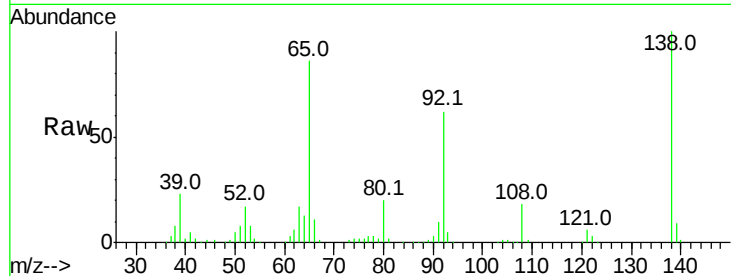




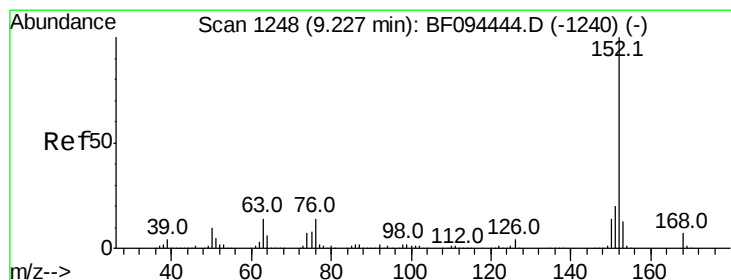
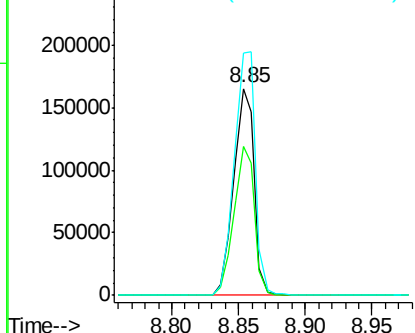
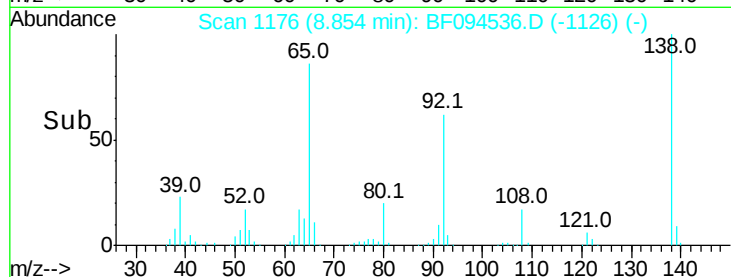
#47
 2-Nitroaniline
 Concen: 40.36 ng
 RT: 8.85 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 65 Resp: 178962
 Ion Ratio Lower Upper
 65 100
 92 72.0 53.9 80.9
 138 117.0 78.8 118.2

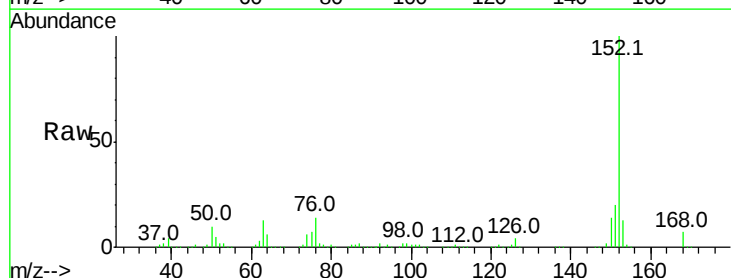


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

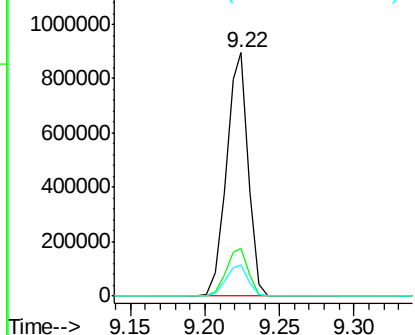
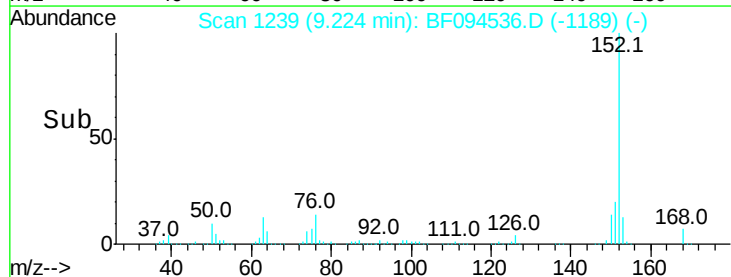


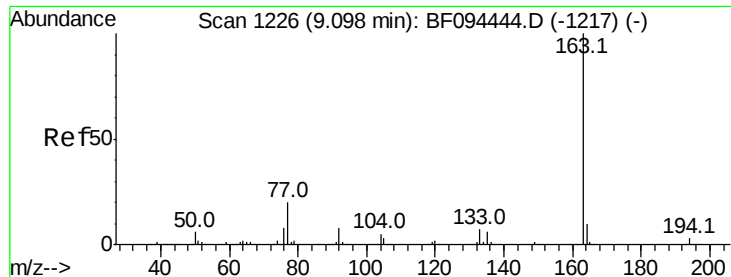
#48
 Acenaphthylene
 Concen: 38.15 ng
 RT: 9.22 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion:152 Resp: 916733
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.8 25.2
 153 12.8 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E

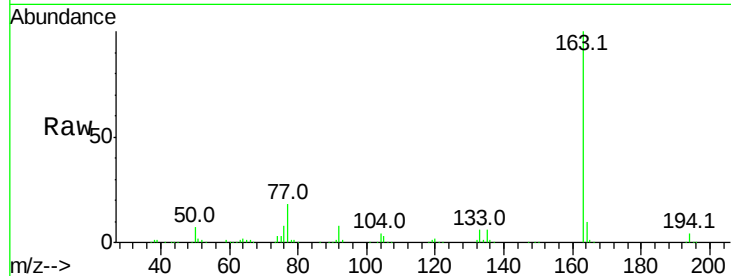




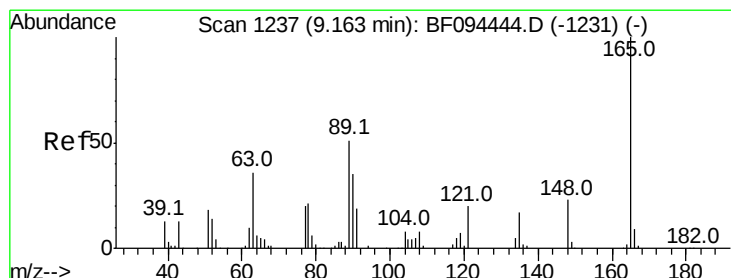
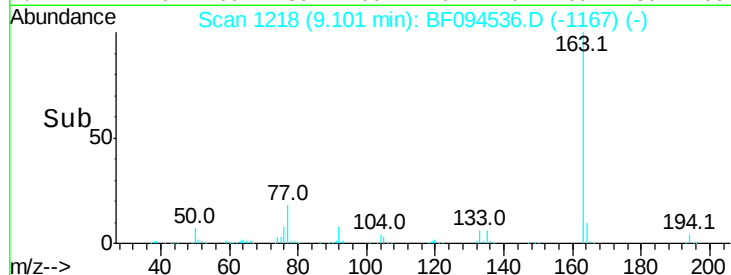
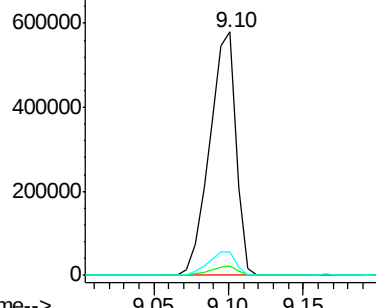
#49
Dimethylphthalate
Concen: 40.15 ng
RT: 9.10 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 710049
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.9 8.4 12.6

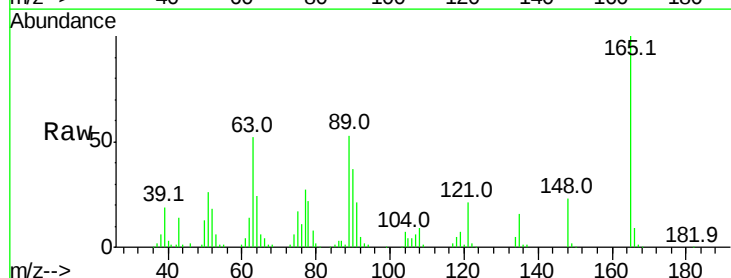


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

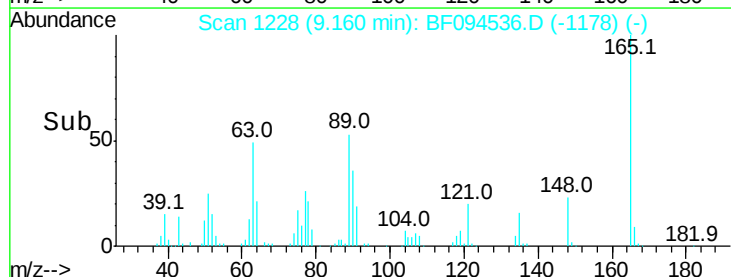
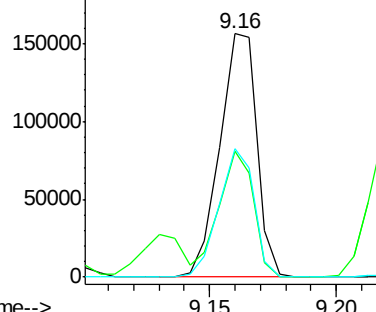


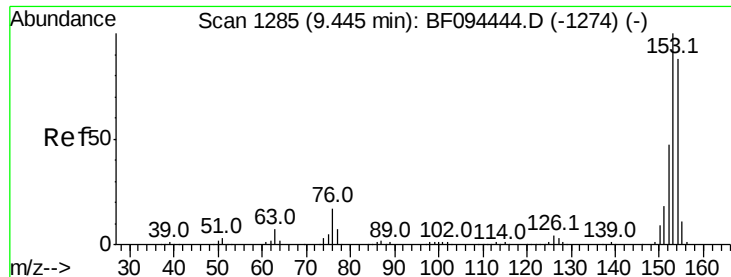
#50
2,6-Dinitrotoluene
Concen: 40.06 ng
RT: 9.16 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion:165 Resp: 158992
Ion Ratio Lower Upper
165 100
63 51.6 34.3 51.5#
89 52.8 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: 38.66 ng

RT: 9.44 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

ClientSampleId :

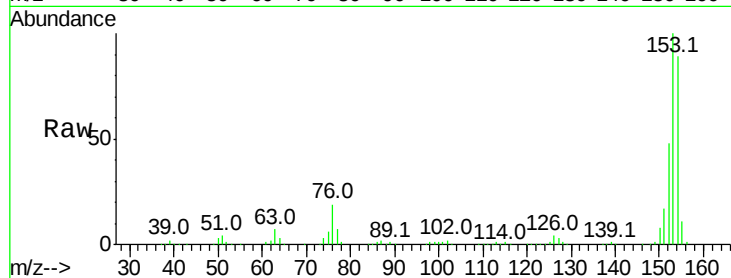
Tot Ion:154 Resp: 556417

Ion Ratio Lower Upper

154 100

153 112.9 90.5 135.7

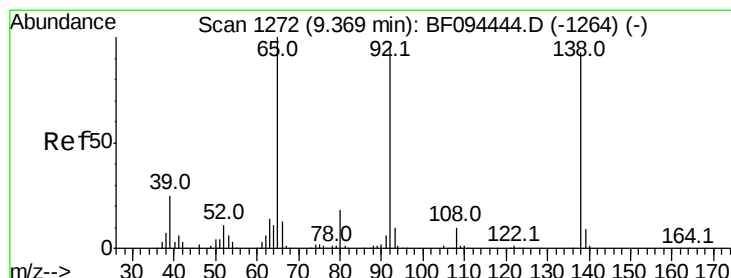
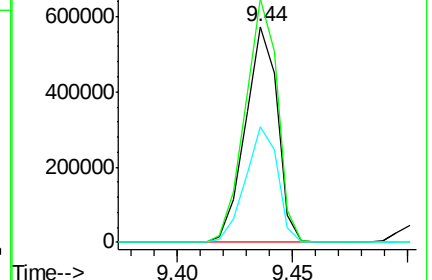
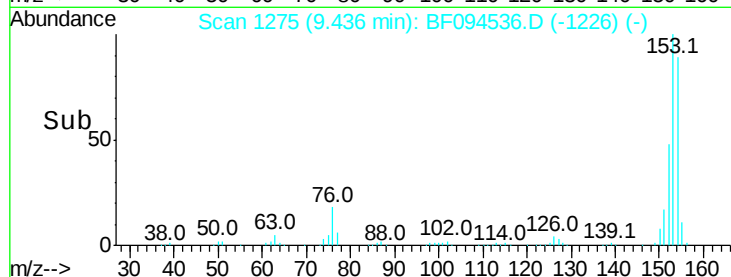
152 53.8 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.74 ng

RT: 9.37 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

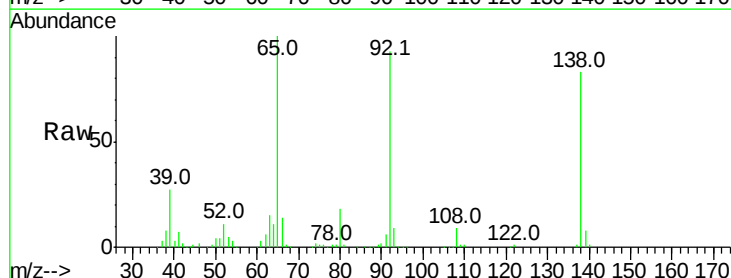
Tgt Ion:138 Resp: 177880

Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

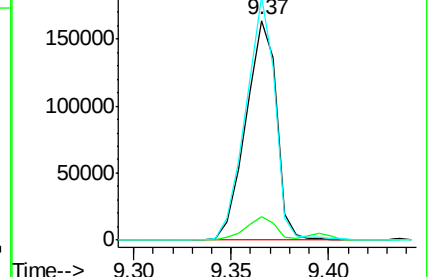
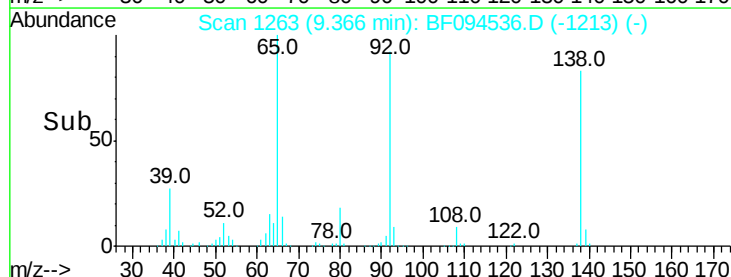
92 111.0 93.8 140.6

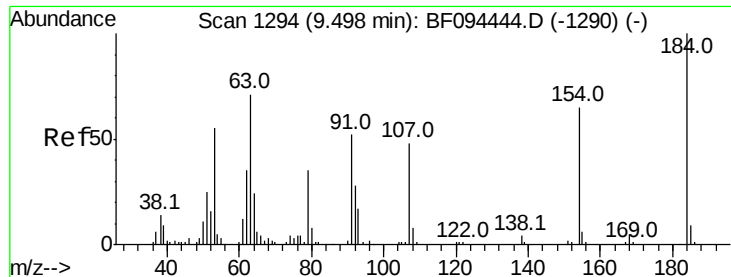


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

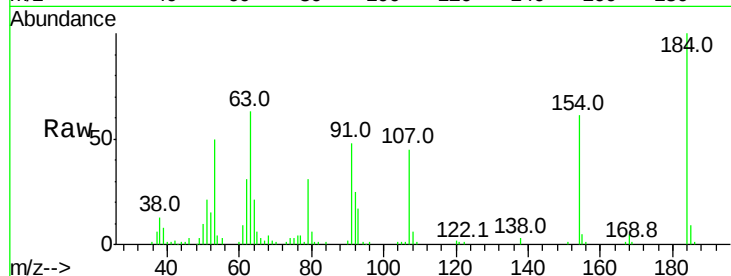




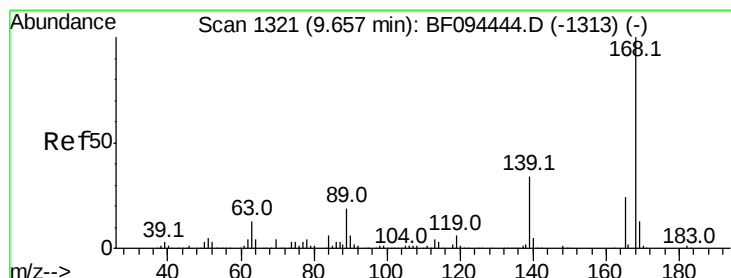
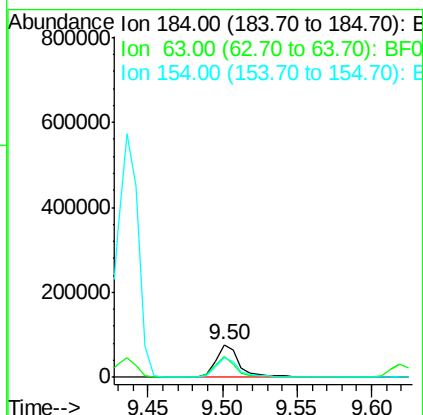
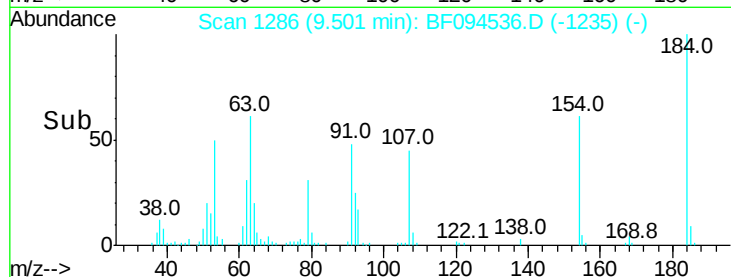
#53
 2,4-Dinitrophenol
 Concen: 42.22 ng
 RT: 9.50 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 84618
 Ion Ratio Lower Upper
 184 100
 63 63.2 62.7 94.1
 154 61.0 81.1 121.7#

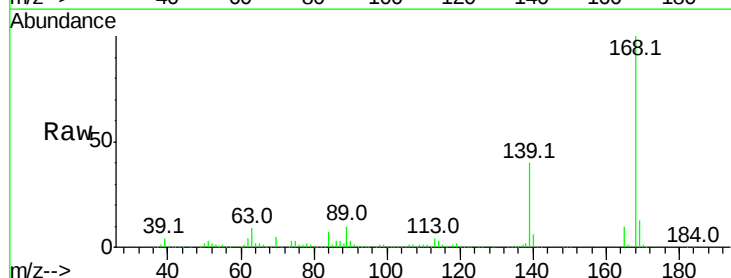


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

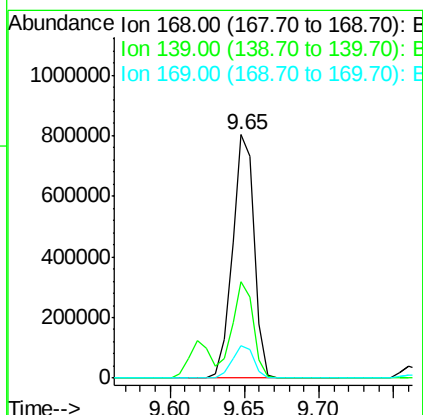
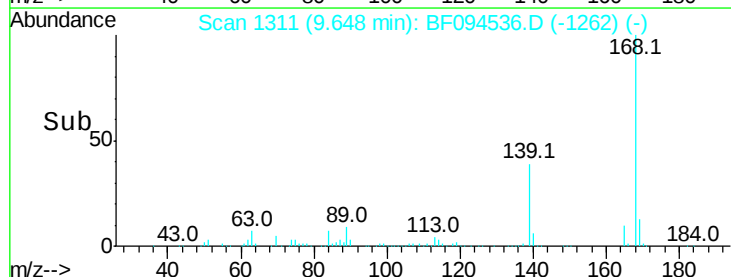


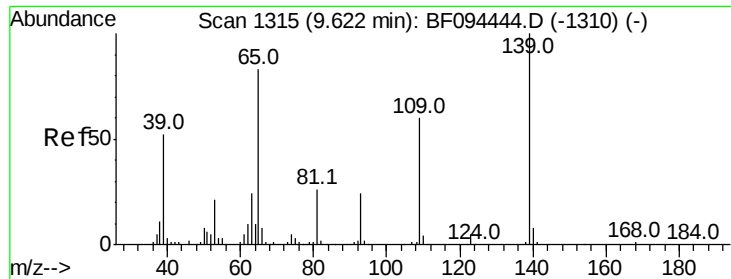
#54
 Dibenzofuran
 Concen: 39.14 ng
 RT: 9.65 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion:168 Resp: 818820
 Ion Ratio Lower Upper
 168 100
 139 39.8 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

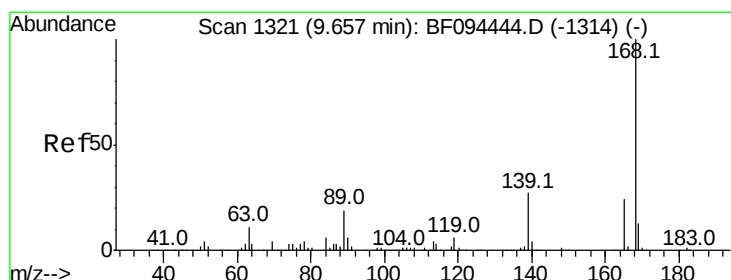
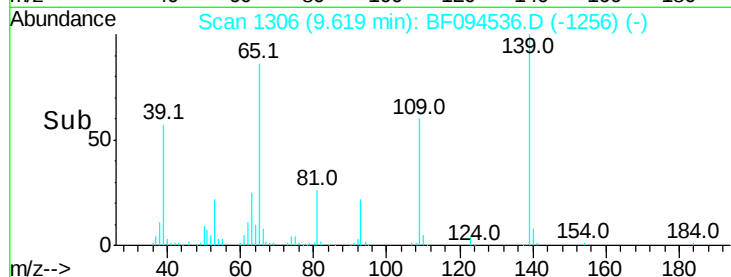
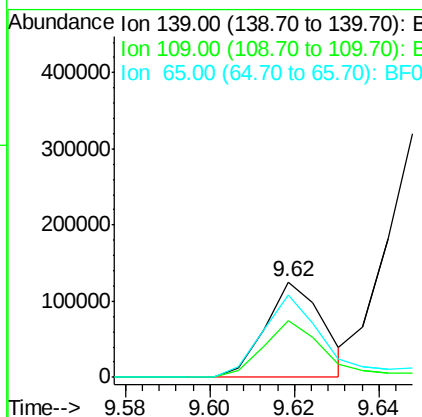
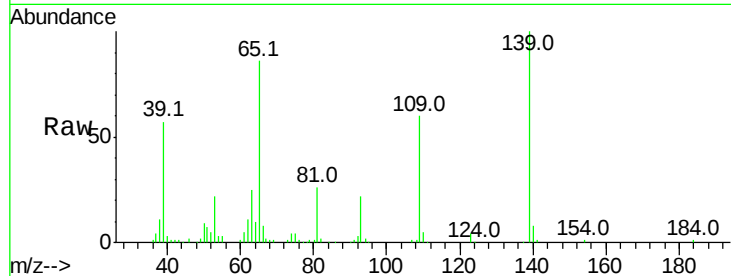




#55
4-Nitrophenol
Concen: 36.60 ng
RT: 9.62 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

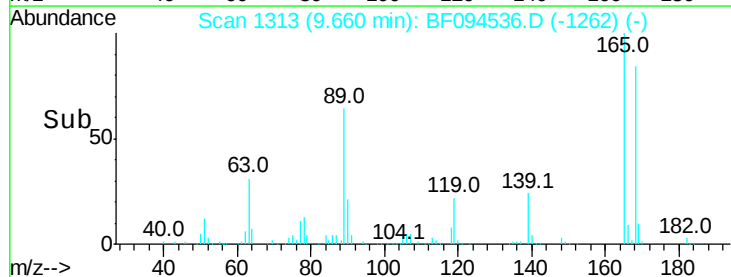
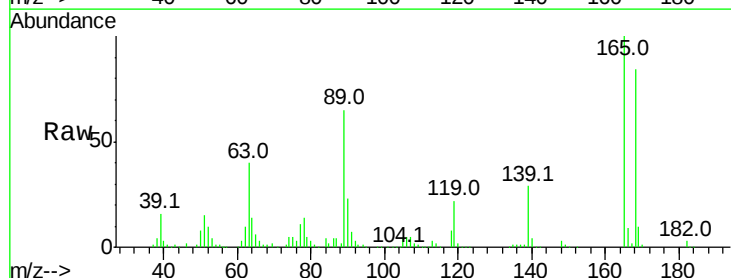
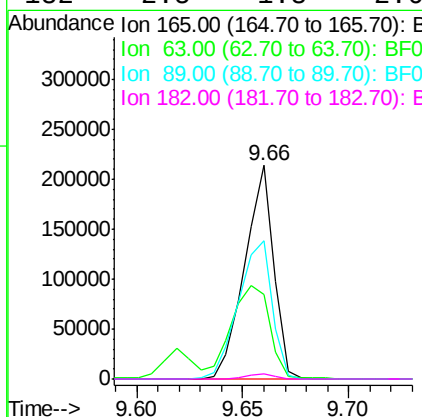
Instrument :
BNA_F
ClientSampleId :

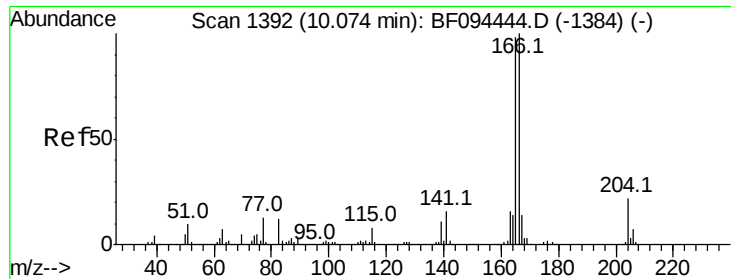
Tot Ion:139 Resp: 118737
Ion Ratio Lower Upper
139 100
109 59.6 34.1 74.1
65 86.0 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 41.93 ng
RT: 9.66 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion:165 Resp: 204196
Ion Ratio Lower Upper
165 100
63 39.8 25.4 38.0#
89 64.9 46.4 69.6
182 2.5 1.8 2.6

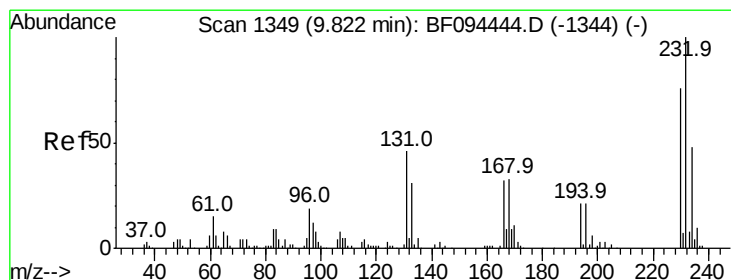
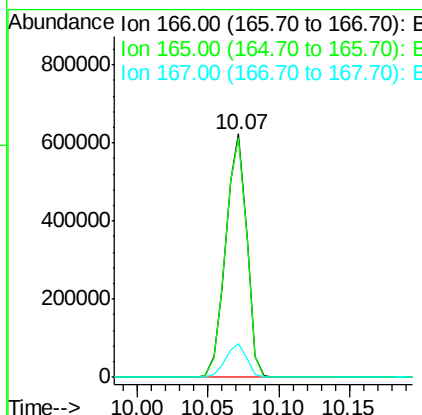
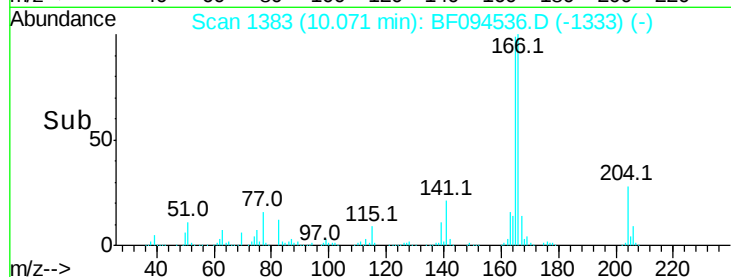
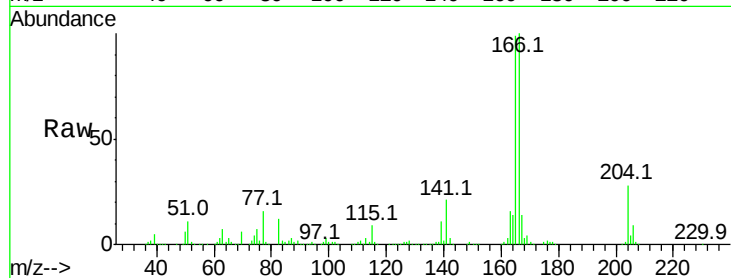




#57
 Fluorene
 Concen: 39.40 ng
 RT: 10.07 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

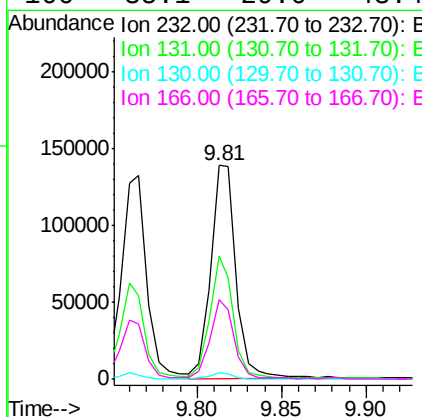
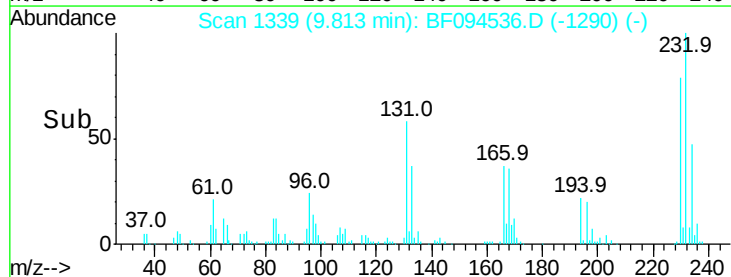
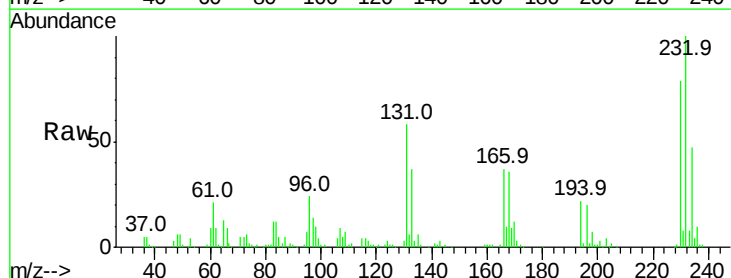
Instrument :
 BNA_F
 ClientSampleId :

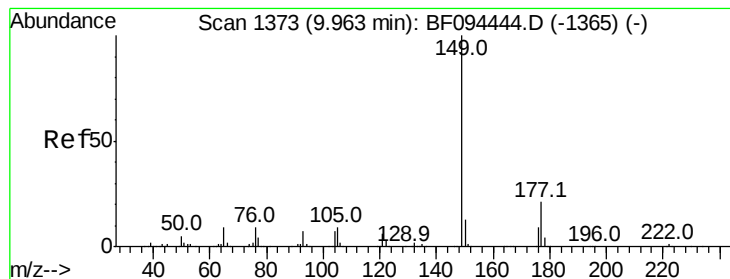
Tot Ion:166 Resp: 641800
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.8 118.2
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.34 ng
 RT: 9.81 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion:232 Resp: 144385
 Ion Ratio Lower Upper
 232 100
 131 53.5 44.8 67.2
 130 2.5 2.3 3.5
 166 35.1 29.0 43.4





#59

Diethylphthalate

Concen: 40.51 ng

RT: 9.96 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

ClientSampled :

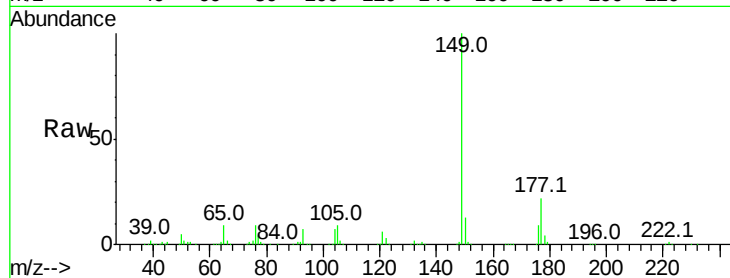
Tot Ion:149 Resp: 675818

Ion Ratio Lower Upper

149 100

177 21.9 16.7 25.1

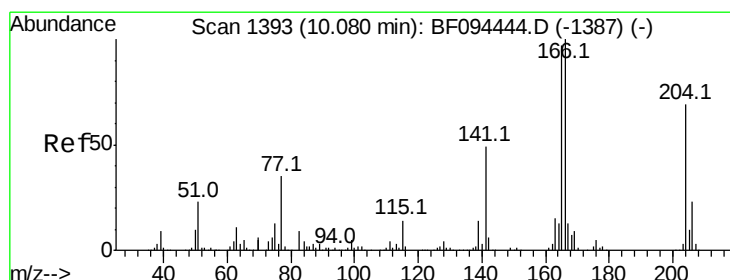
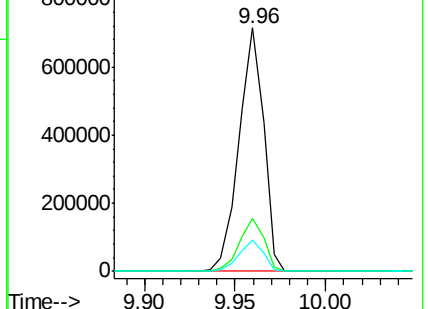
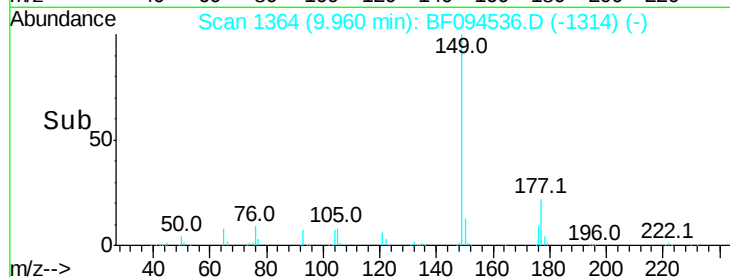
150 12.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.57 ng

RT: 10.08 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

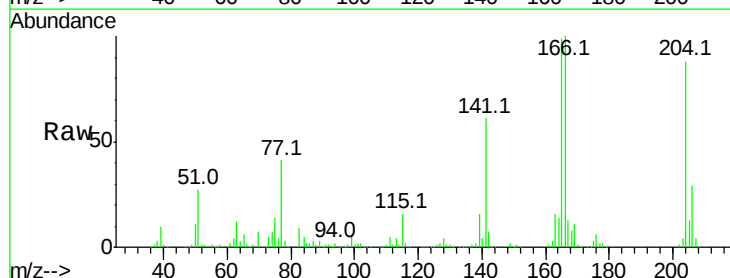
Tgt Ion:204 Resp: 275018

Ion Ratio Lower Upper

204 100

206 32.8 26.2 39.2

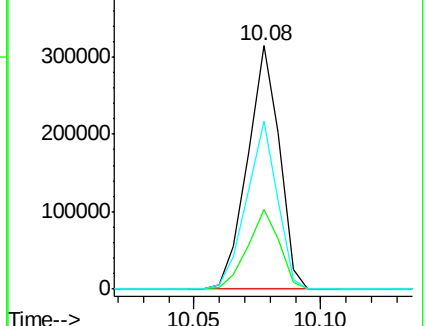
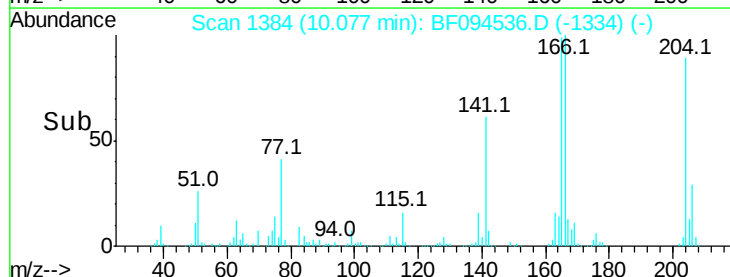
141 68.9 60.8 91.2

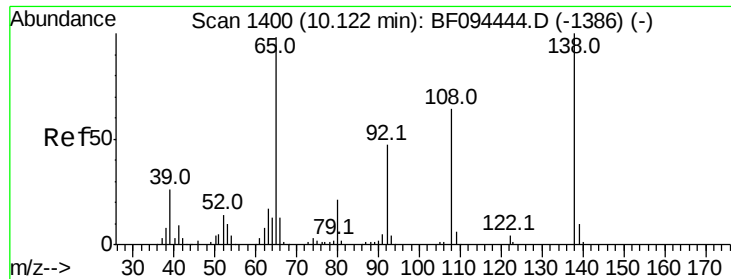


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

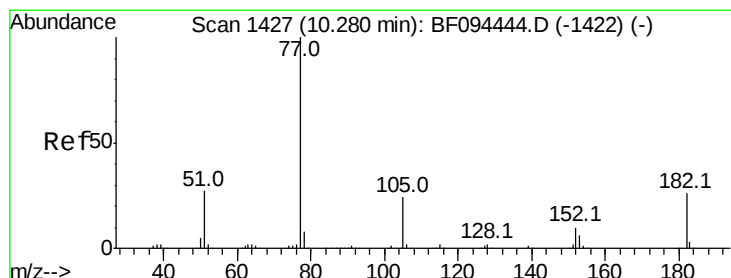
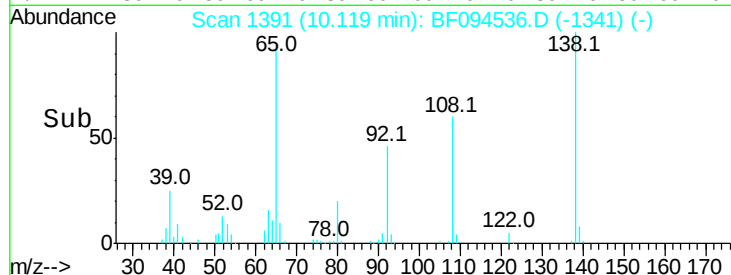
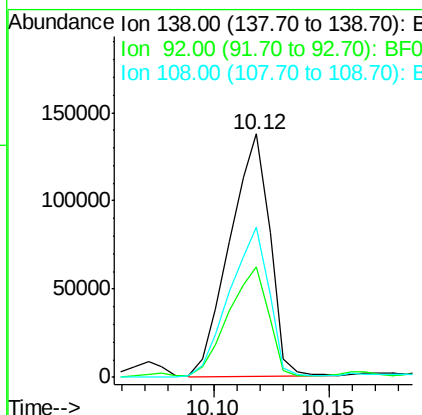
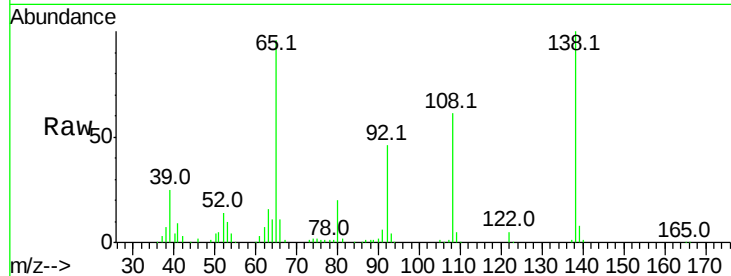




#61
 4-Nitroaniline
 Concen: 35.54 ng
 RT: 10.12 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

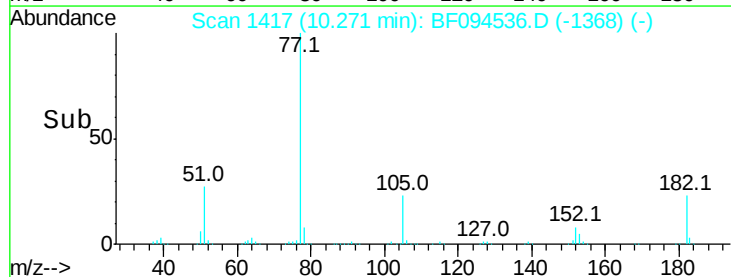
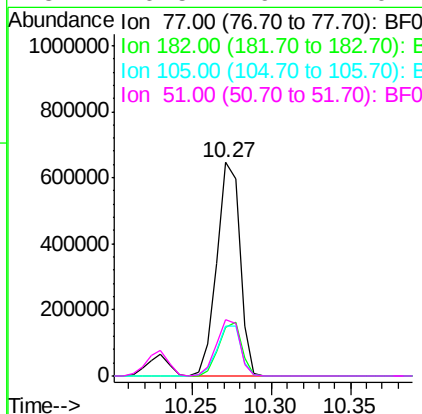
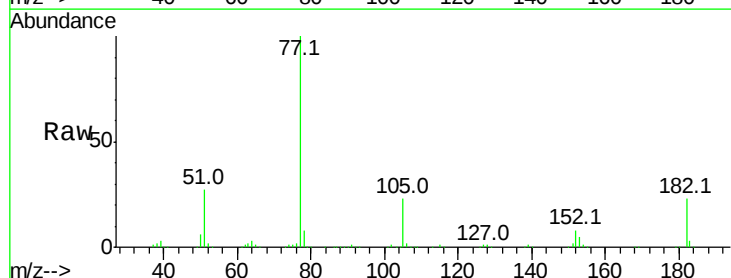
Instrument :
 BNA_F
 ClientSampleId :

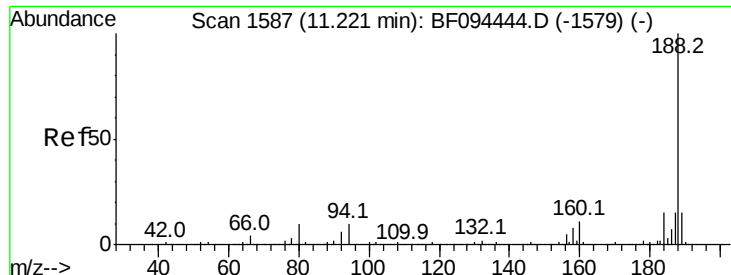
Tot Ion:138 Resp: 165923
 Ion Ratio Lower Upper
 138 100
 92 45.6 21.8 61.8
 108 61.4 42.3 82.3



#62
 Azobenzene
 Concen: 40.51 ng
 RT: 10.27 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion: 77 Resp: 656321
 Ion Ratio Lower Upper
 77 100
 182 23.1 0.1 40.1
 105 23.5 3.6 43.6
 51 26.5 9.4 49.4

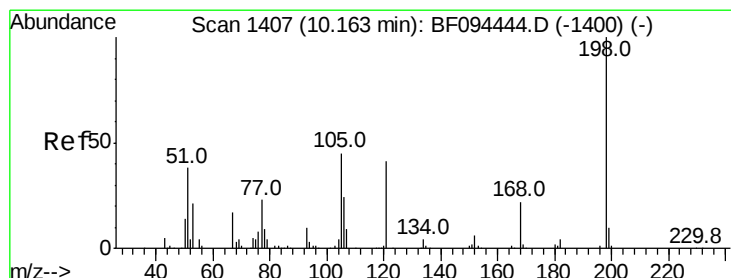
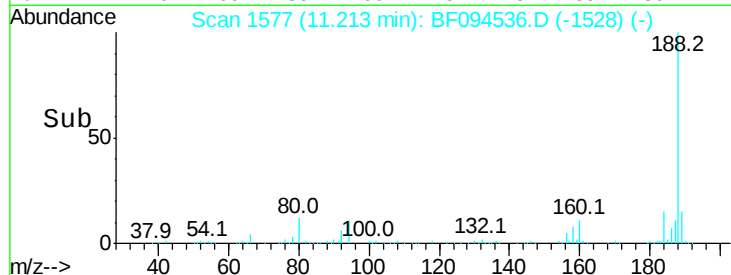
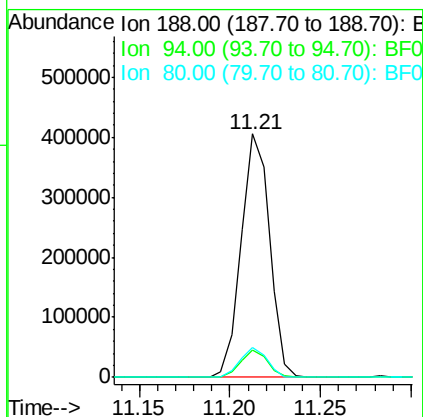
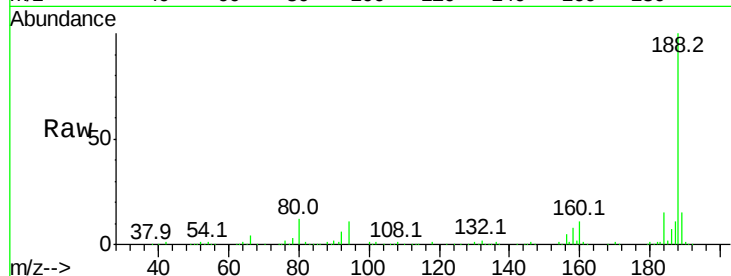




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

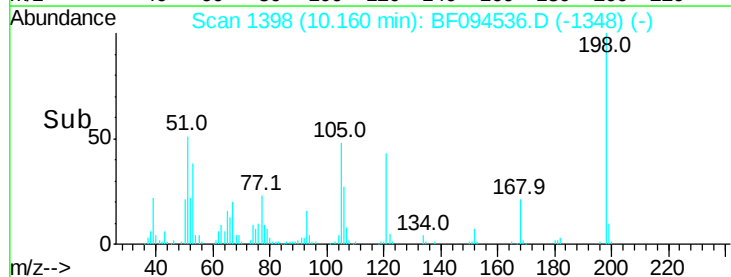
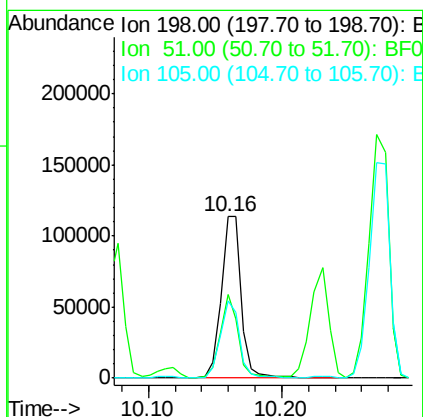
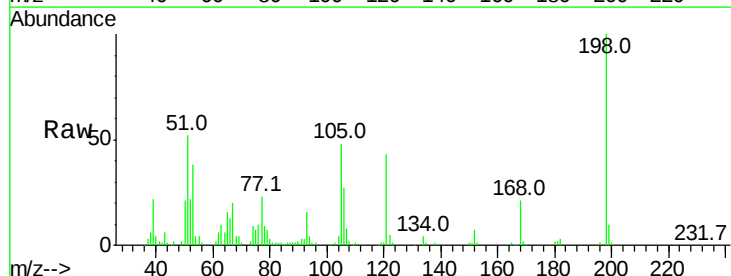
Instrument :
 BNA_F
 ClientSampleID :

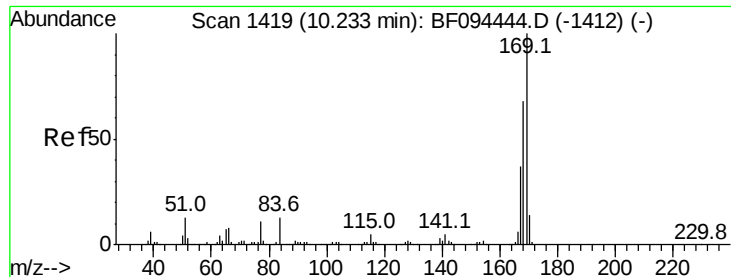
Tot Ion:188 Resp: 442622
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.2
 80 12.3 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.64 ng
 RT: 10.16 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion:198 Resp: 120755
 Ion Ratio Lower Upper
 198 100
 51 51.6 53.2 93.2#
 105 47.7 45.8 85.8

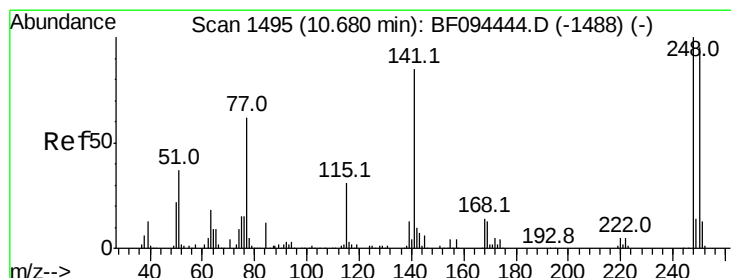
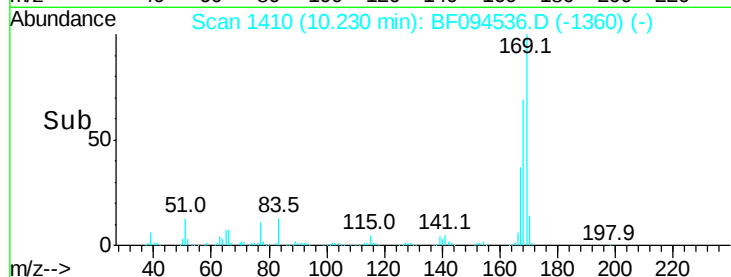
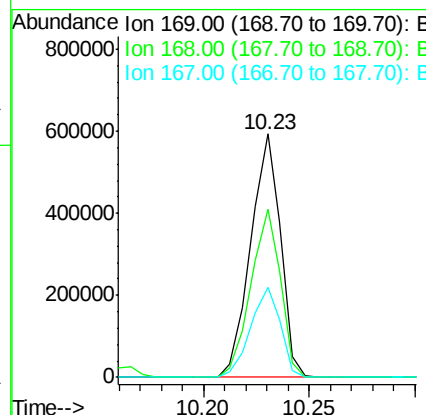
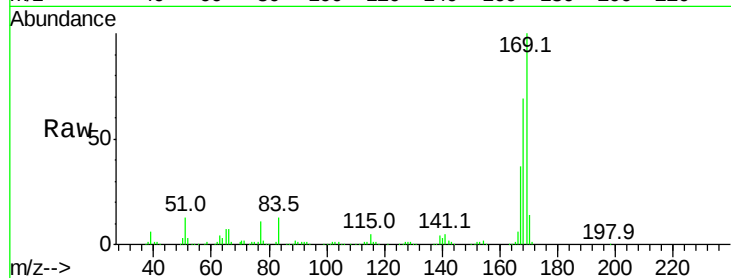




#65
 n-Nitrosodiphenylamine
 Concen: 37.77 ng
 RT: 10.23 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

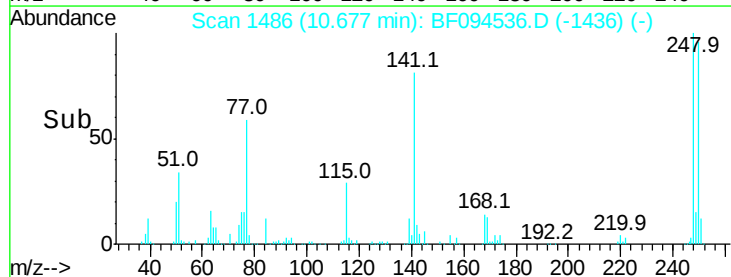
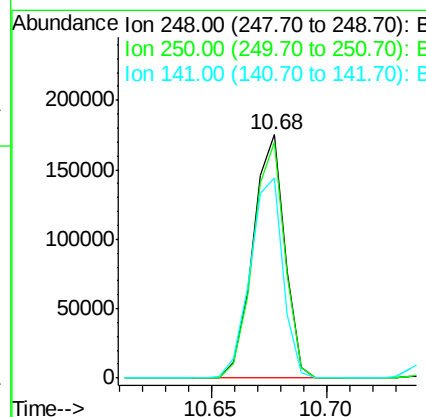
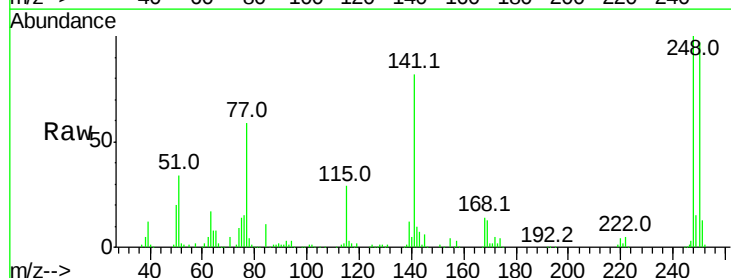
Instrument :
 BNA_F
 ClientSampleId :

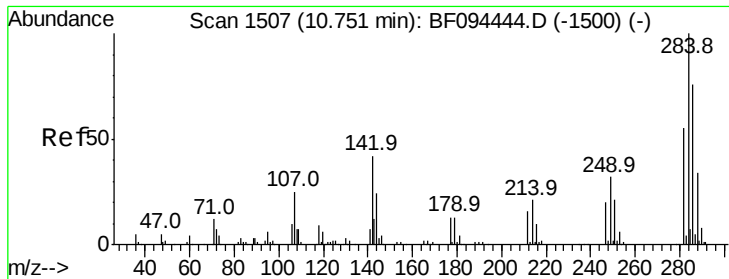
Tot Ion:169 Resp: 581395
 Ion Ratio Lower Upper
 169 100
 168 69.0 53.2 79.8
 167 37.2 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 38.48 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion:248 Resp: 169112
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.8 115.2
 141 82.2 68.6 103.0





#67

Hexachlorobenzene

Concen: 38.23 ng

RT: 10.75 min Scan# 1498

Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

ClientSampleId :

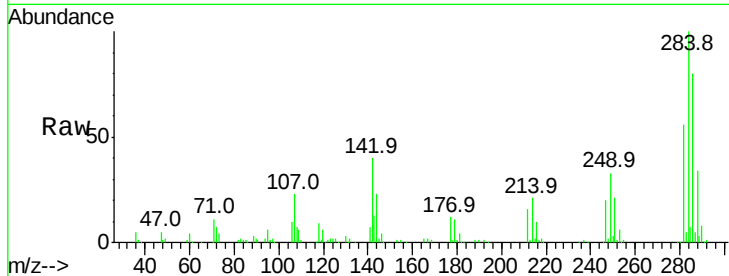
Tot Ion:284 Resp: 169328

Ion Ratio Lower Upper

284 100

142 40.3 22.8 34.2#

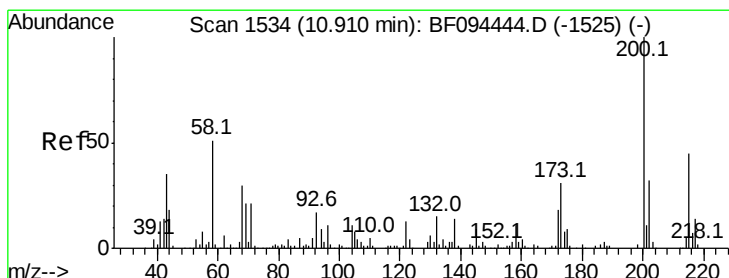
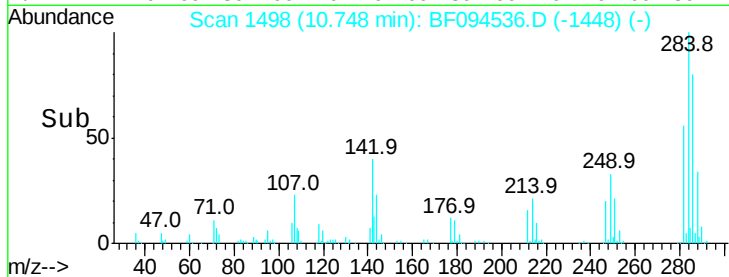
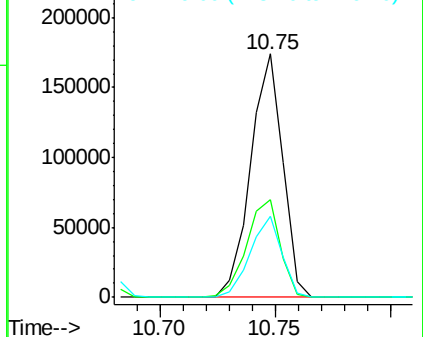
249 33.3 24.0 36.0



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: 39.75 ng

RT: 10.91 min Scan# 1525

Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

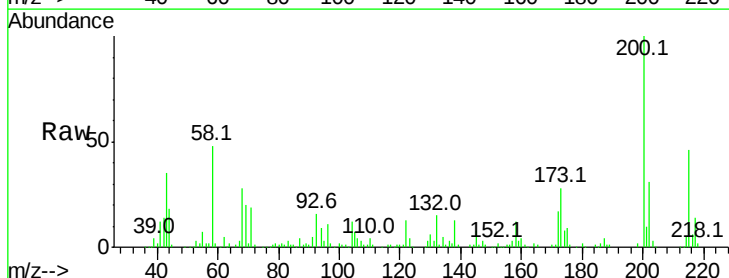
Tgt Ion:200 Resp: 183043

Ion Ratio Lower Upper

200 100

173 27.8 6.3 46.3

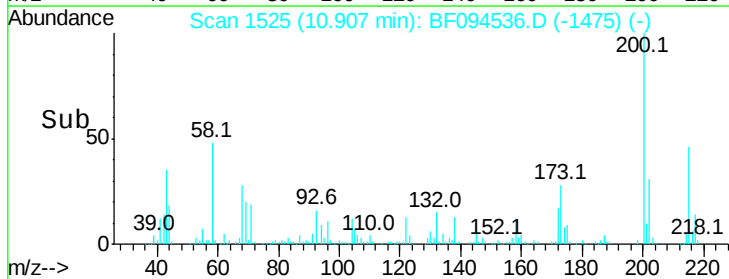
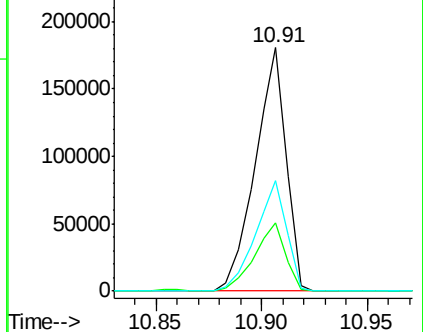
215 45.6 27.2 67.2

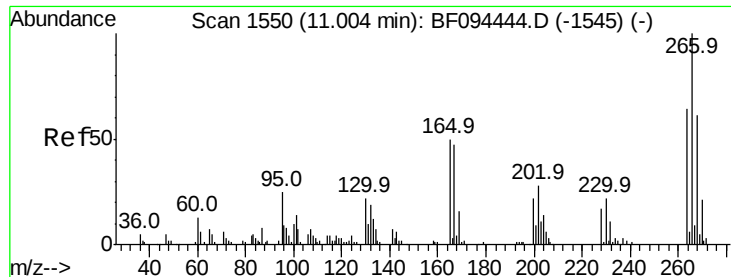


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

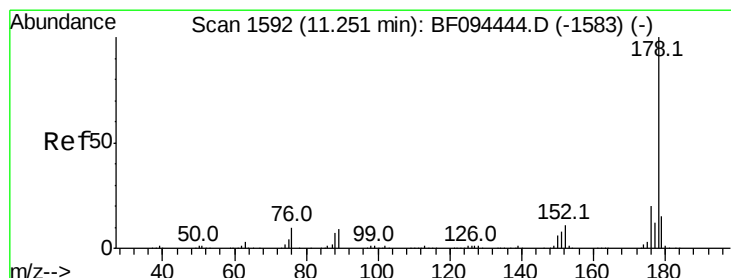
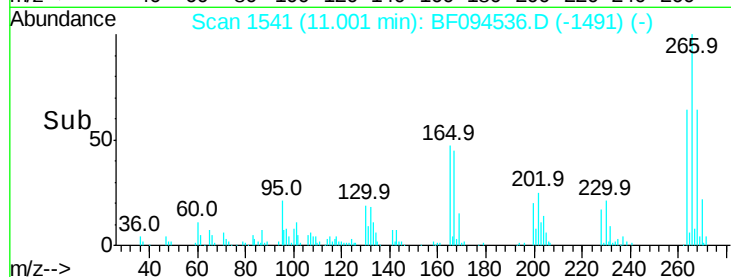
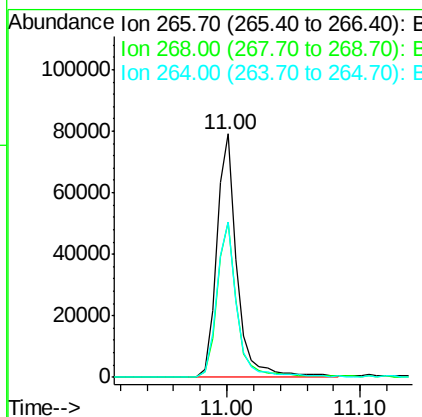
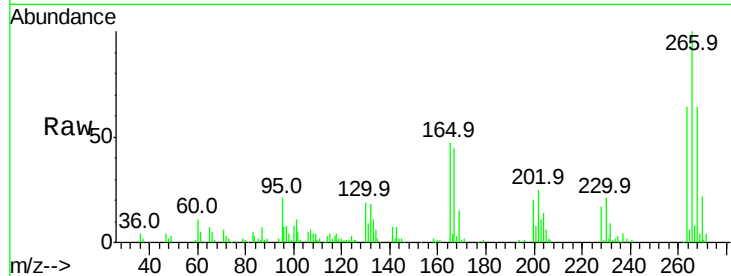




#69
 Pentachlorophenol
 Concen: 48.34 ng
 RT: 11.00 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

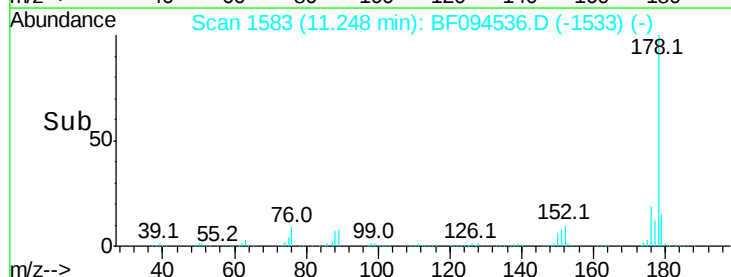
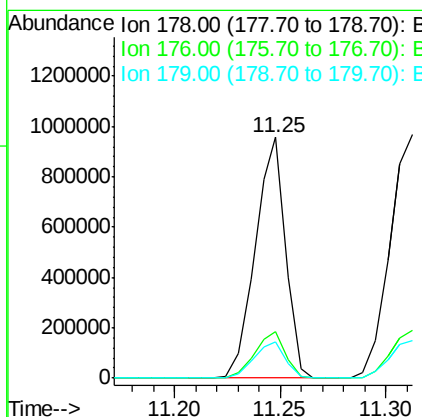
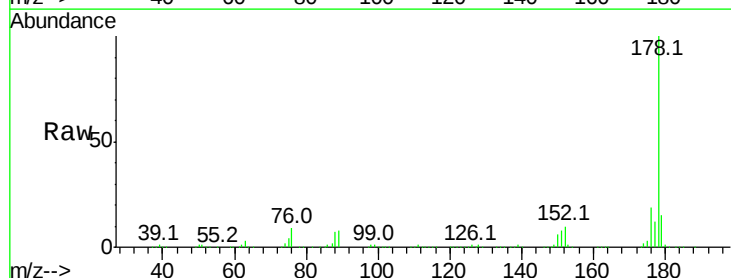
Instrument :
 BNA_F
 ClientSampled :

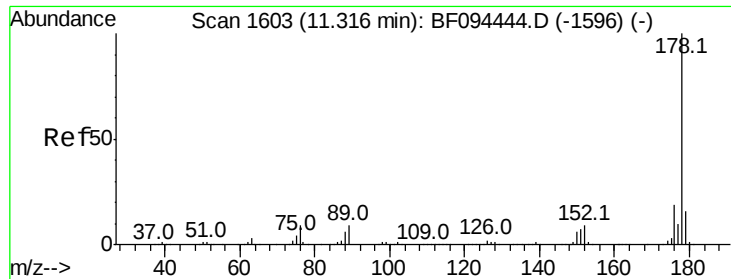
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	63.9	51.7	77.5



#70
 Phenanthrene
 Concen: 38.08 ng
 RT: 11.25 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.2	12.6	19.0

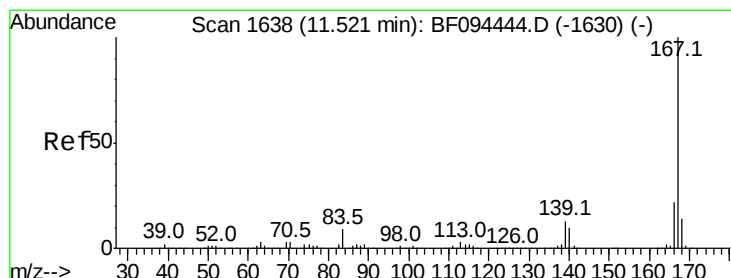
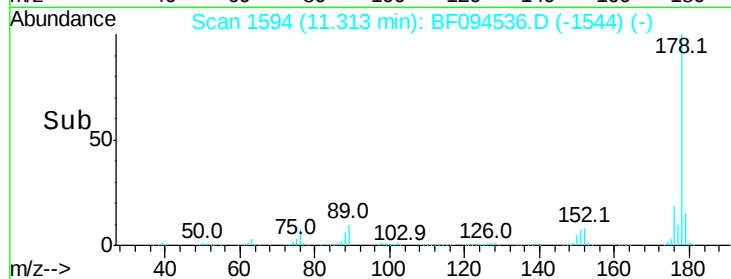
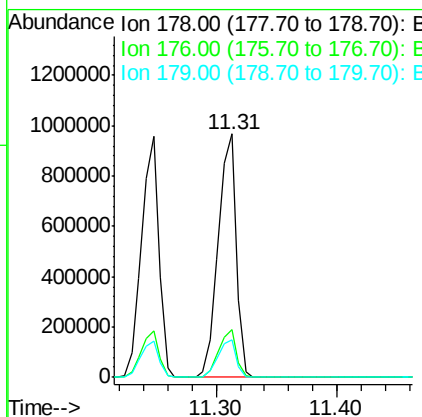
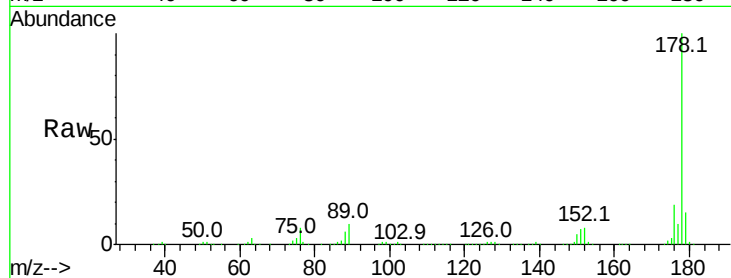




#71
 Anthracene
 Concen: 38.42 ng
 RT: 11.31 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

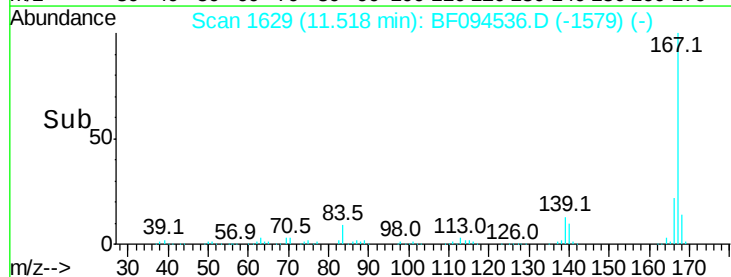
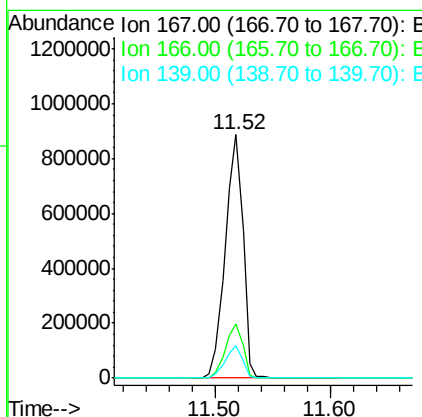
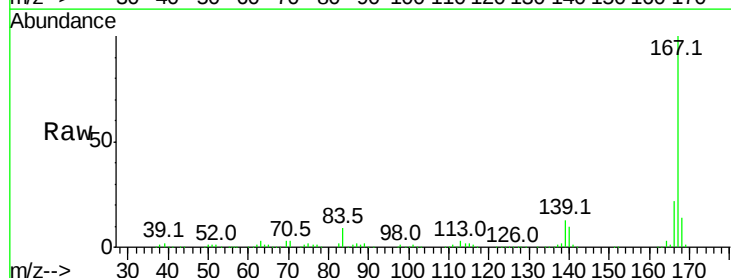
Instrument :
 BNA_F
 ClientSampleId :

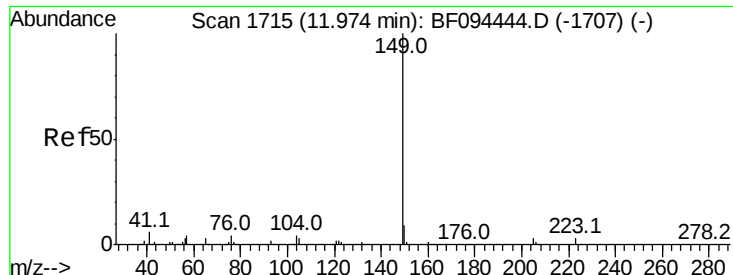
Tot Ion:178 Resp: 990453
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 38.92 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion:167 Resp: 941856
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.4 11.7 17.5

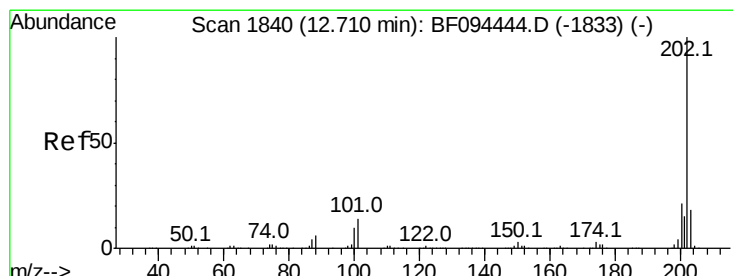
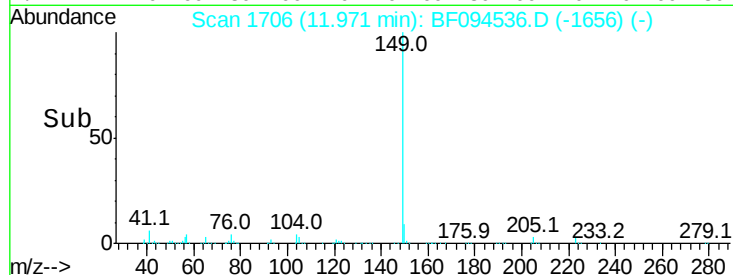
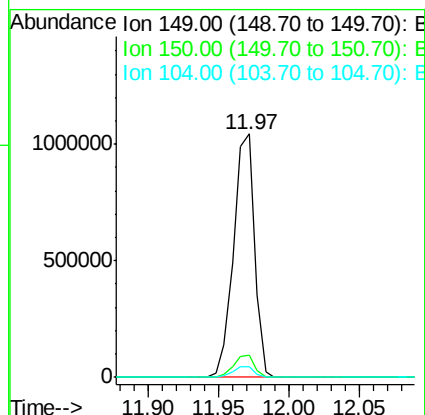
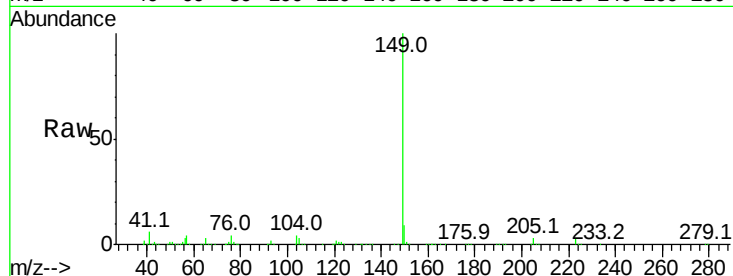




#73
Di-n-butylphthalate
Concen: 40.64 ng
RT: 11.97 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

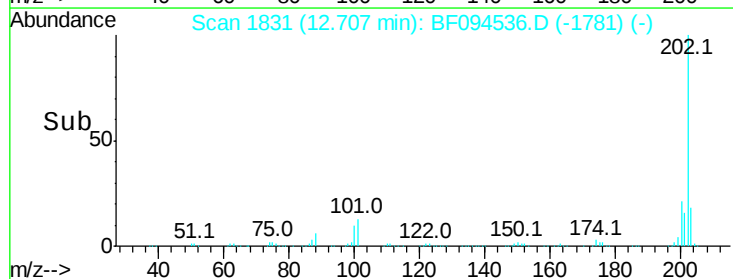
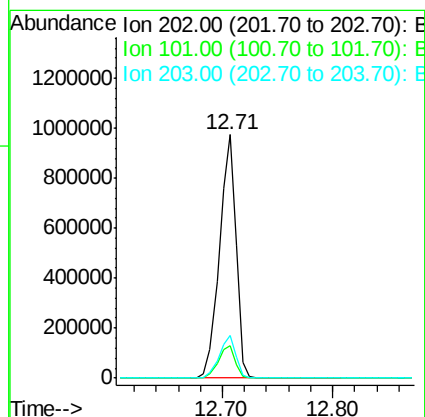
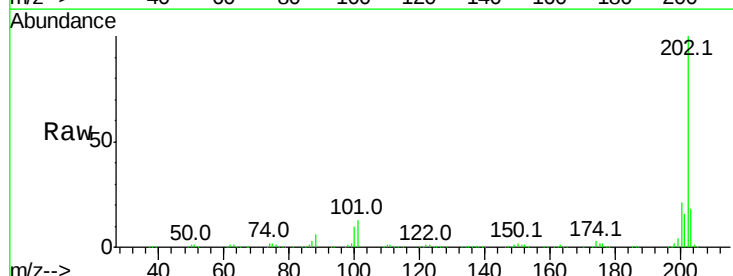
Instrument :
BNA_F
ClientSampleId :

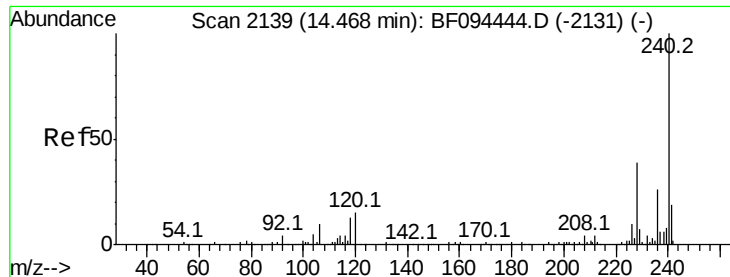
Tot Ion:149 Resp: 1082747
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.3 4.0 6.0



#74
Fluoranthene
Concen: 39.08 ng
RT: 12.71 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion:202 Resp: 1009489
Ion Ratio Lower Upper
202 100
101 13.3 0.0 33.2
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

ClientSampleId :

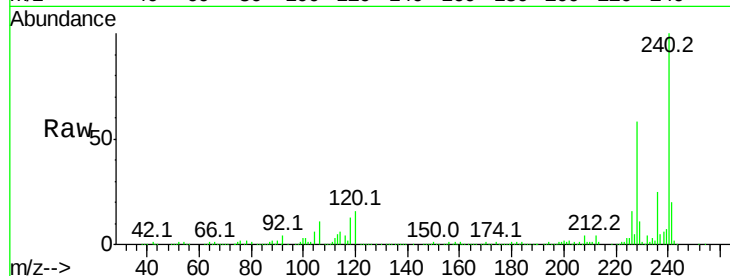
Tot Ion:240 Resp: 387398

Ion Ratio Lower Upper

240 100

120 16.0 5.8 8.8#

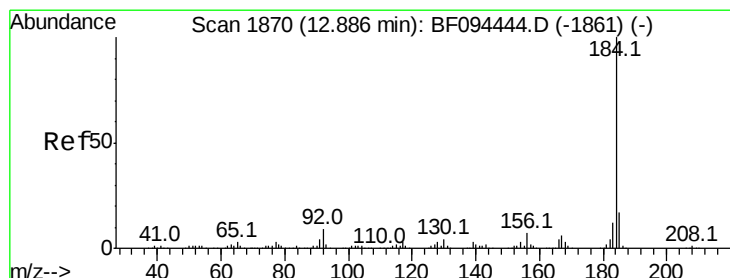
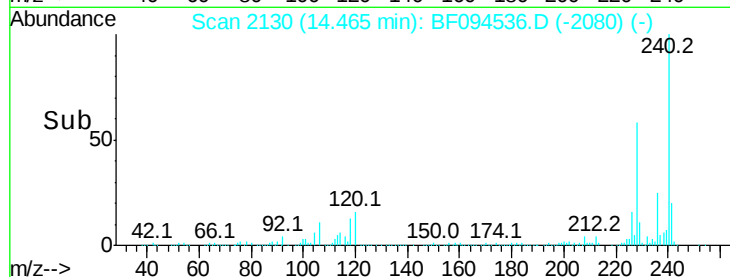
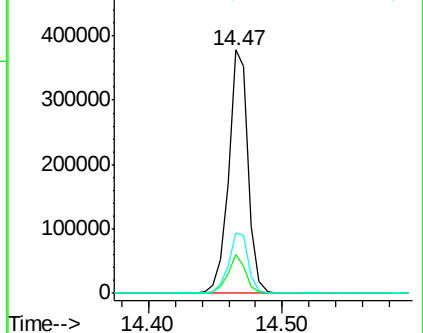
236 24.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.89 ng

RT: 12.88 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

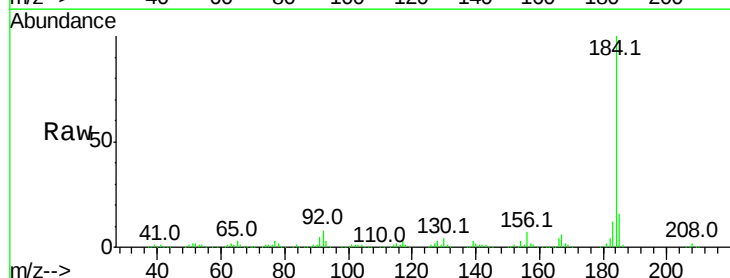
Tgt Ion:184 Resp: 531614

Ion Ratio Lower Upper

184 100

185 16.1 15.5 23.3

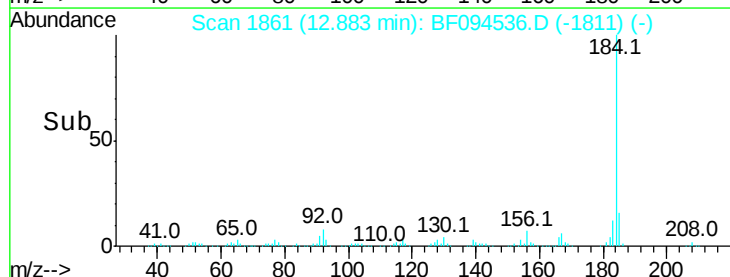
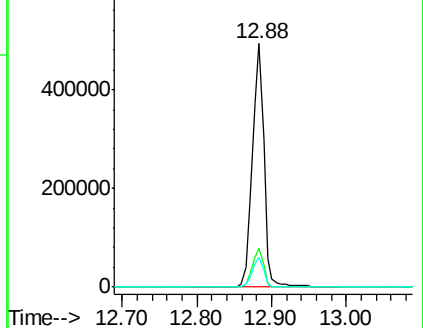
183 12.5 9.8 14.6

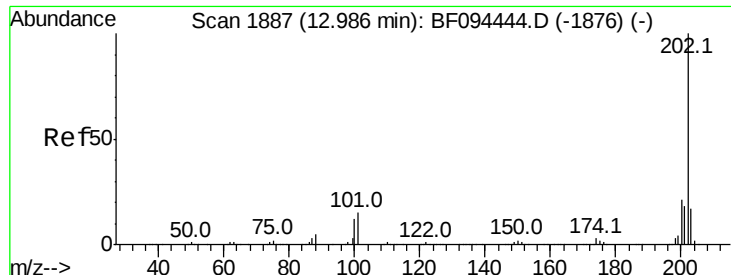


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

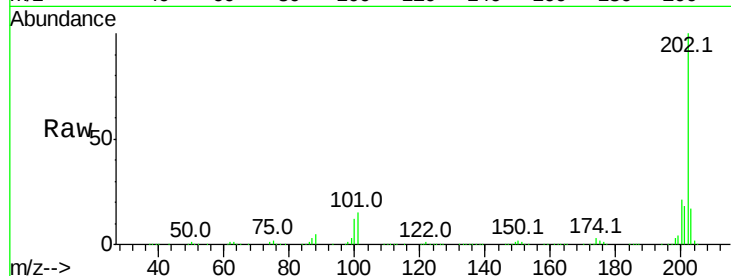




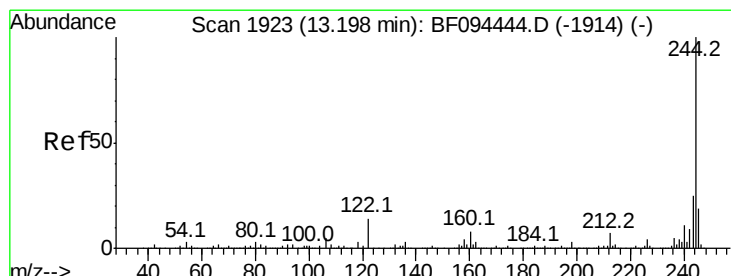
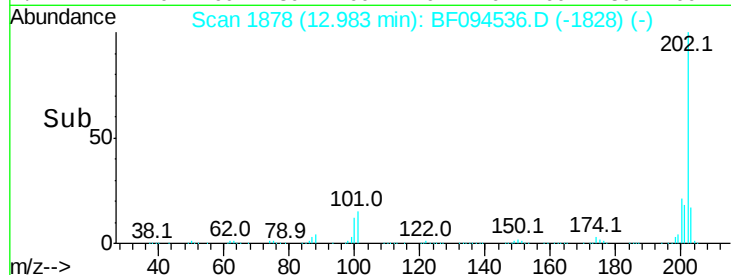
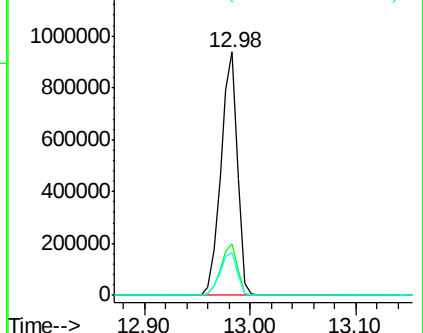
#77
Pvrene
Concen: 37.97 ng
RT: 12.98 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1027647
Ion Ratio Lower Upper
202 100
200 21.1 17.6 26.4
203 17.5 14.4 21.6

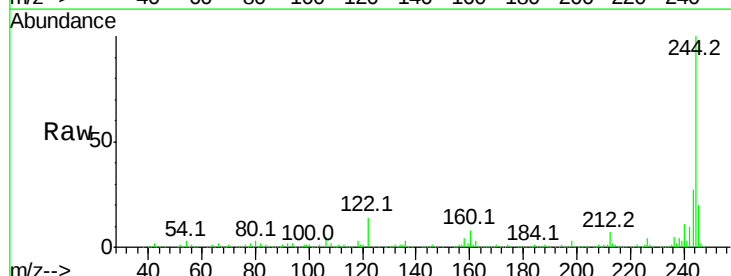


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

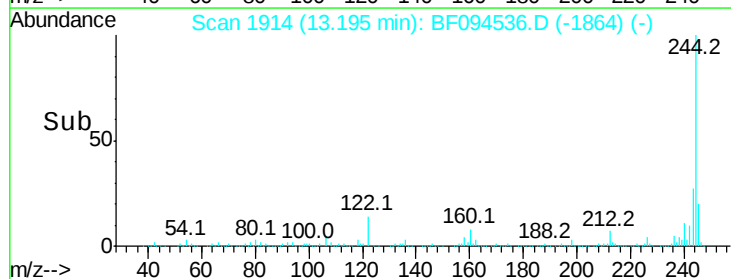
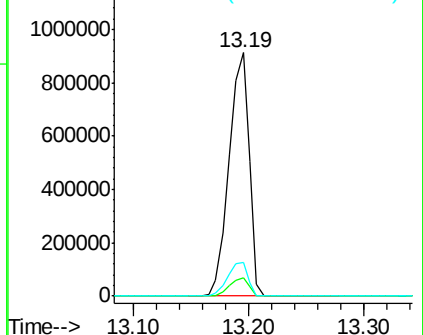


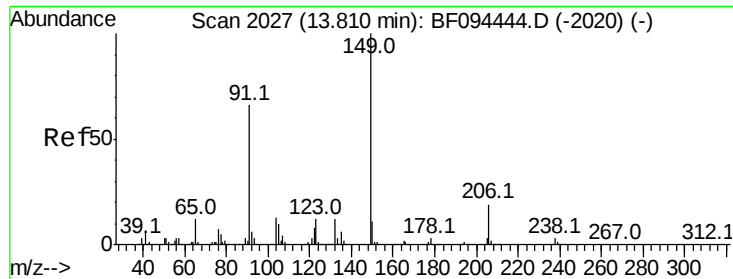
#78
Terphenyl-d14
Concen: 75.79 ng
RT: 13.19 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion:244 Resp: 1098518
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 13.6 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

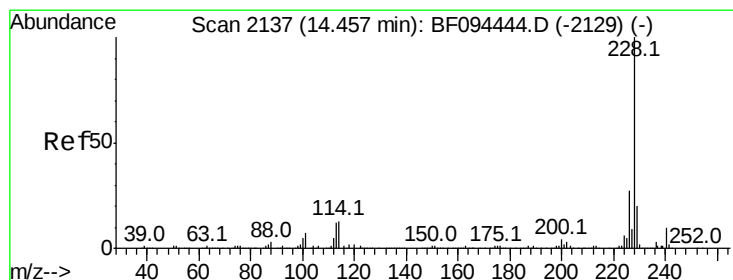
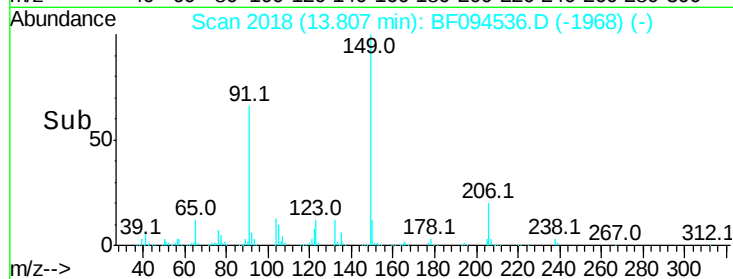
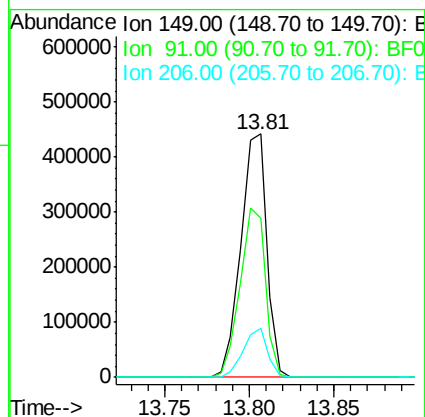
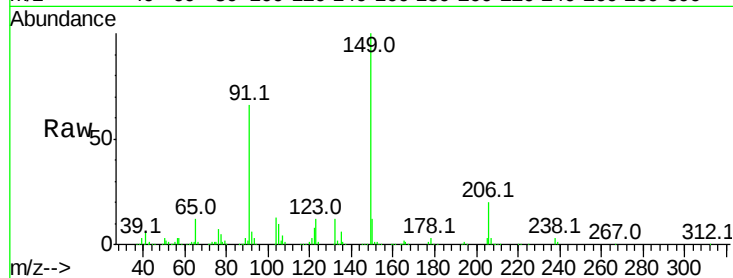




#79
Butylbenzylphthalate
Concen: 39.98 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

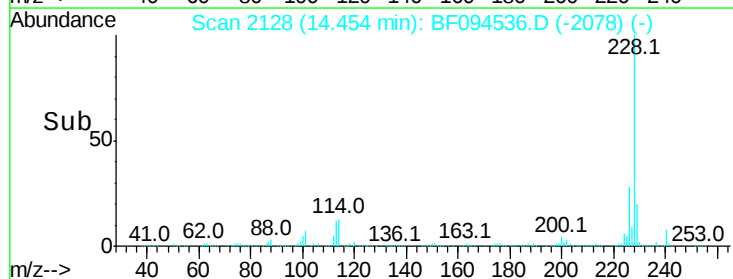
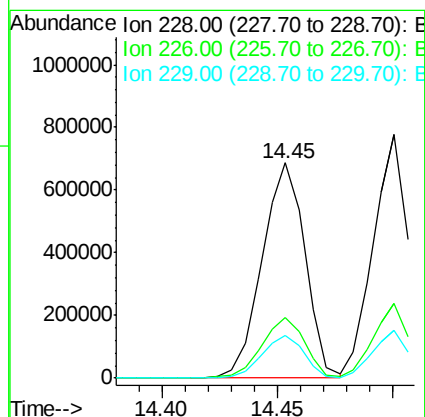
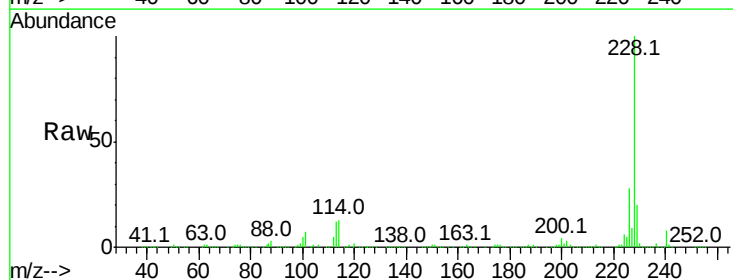
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 474185
Ion Ratio Lower Upper
149 100
91 65.6 45.0 67.4
206 19.9 17.0 25.6



#80
Benzo(a)anthracene
Concen: 39.33 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion:228 Resp: 885553
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 19.7 16.3 24.5

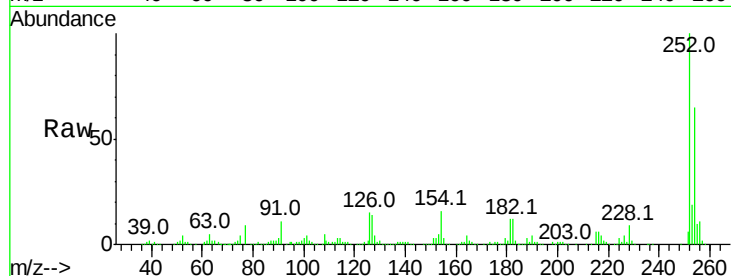




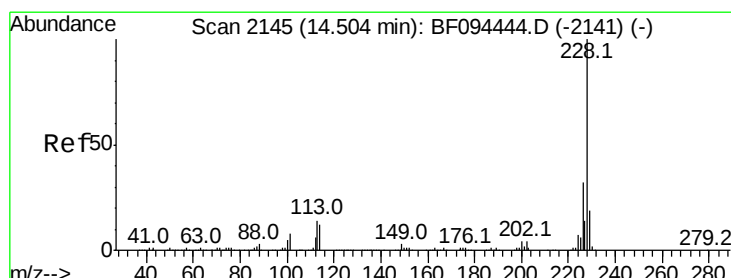
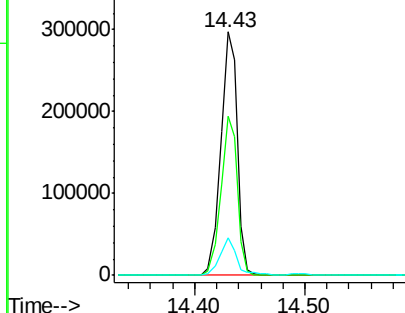
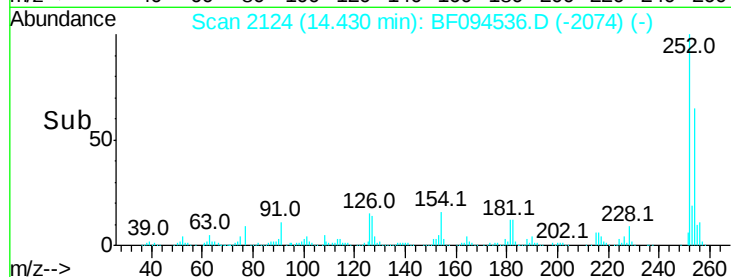
#81
 3,3'-Dichlorobenzidine
 Concen: 39.02 ng
 RT: 14.43 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 311017
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.5 77.3
 126 15.3 15.8 23.8#

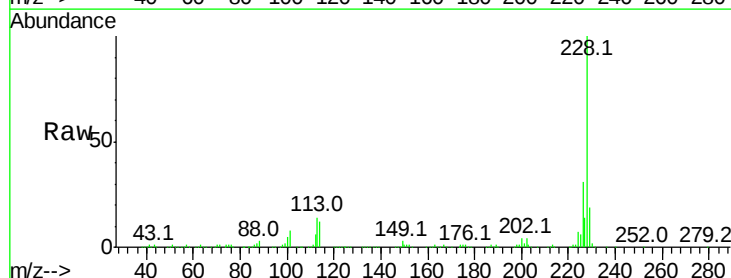


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

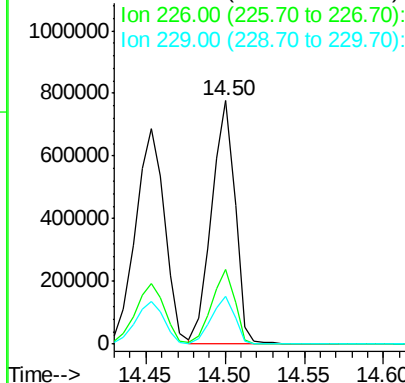
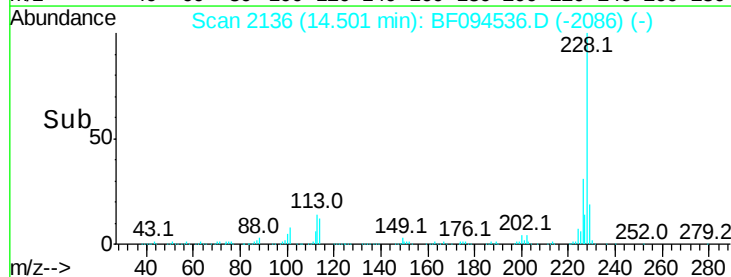


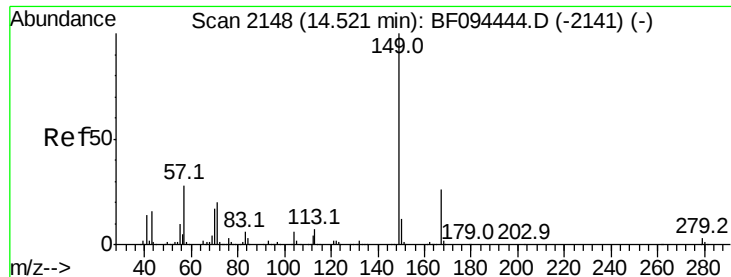
#82
 Chrysene
 Concen: 39.03 ng
 RT: 14.50 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion:228 Resp: 803158
 Ion Ratio Lower Upper
 228 100
 226 30.7 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

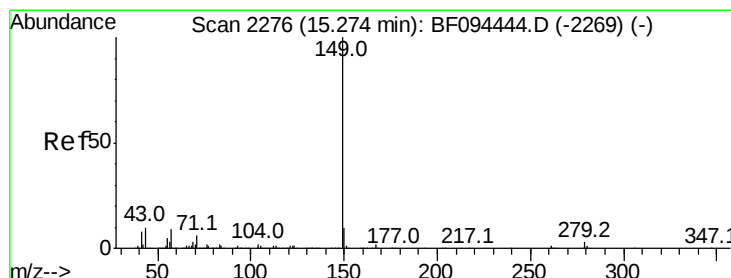
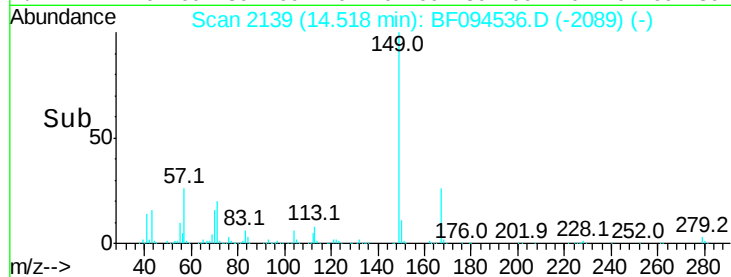
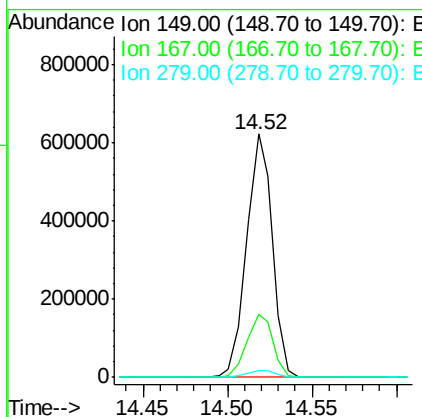
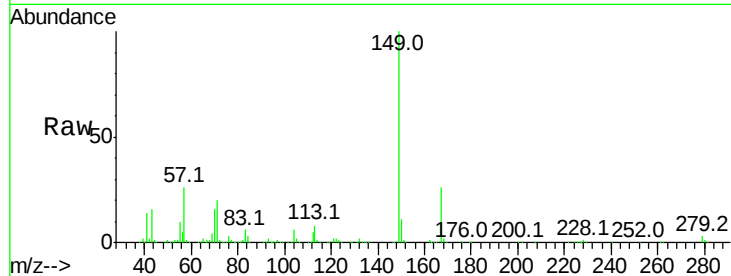




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.57 ng
 RT: 14.52 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

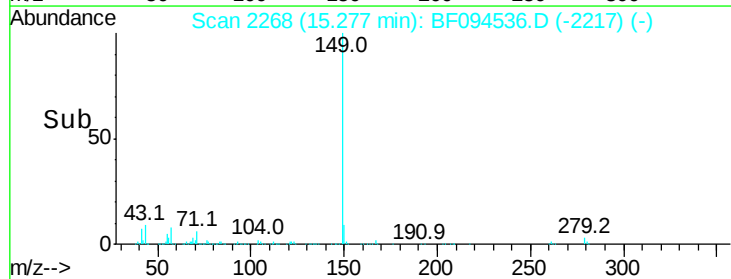
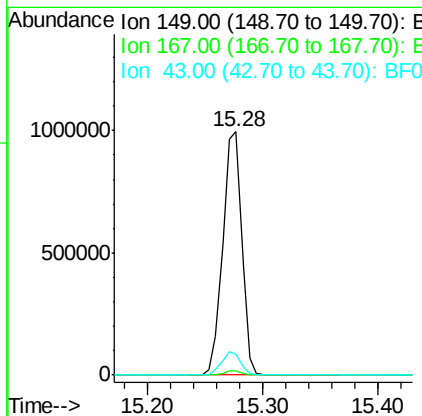
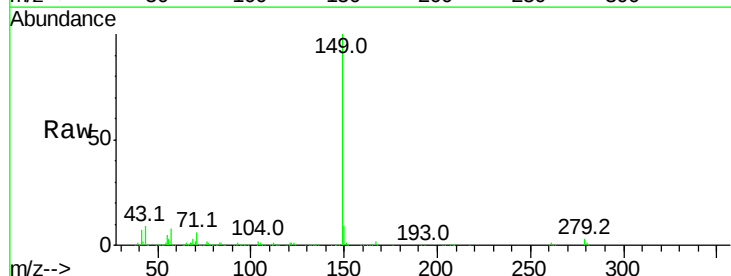
Instrument :
 BNA_F
 ClientSampleId :

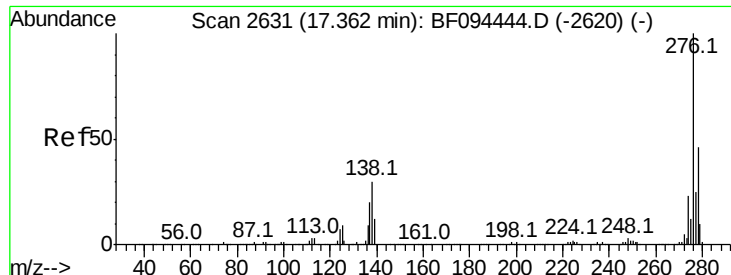
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.0	31.4
279	3.0	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 42.53 ng
 RT: 15.28 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

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

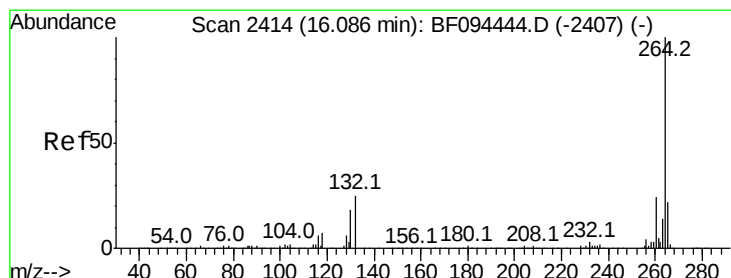
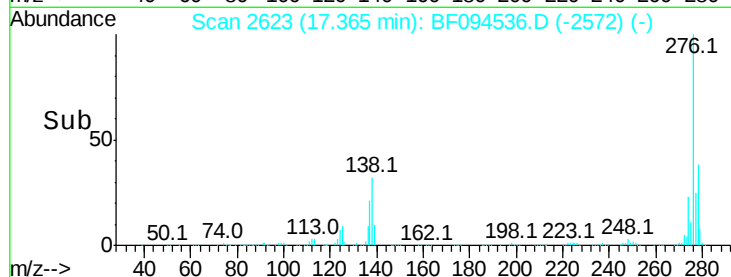
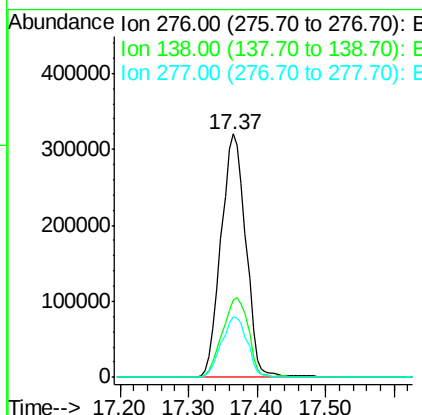
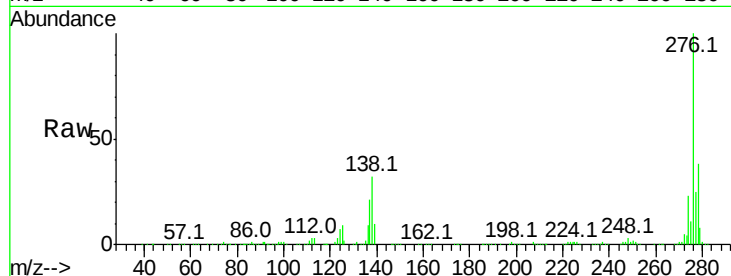




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.12 ng
 RT: 17.37 min Scan# 2623
 Delta R.T. 0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

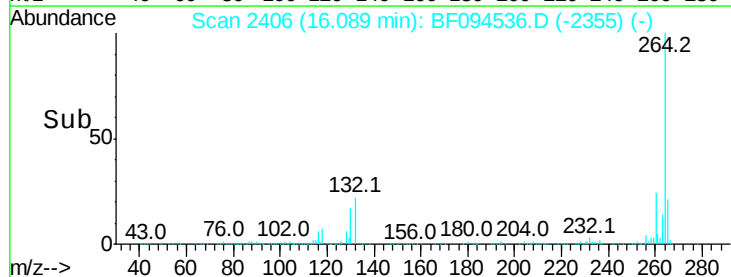
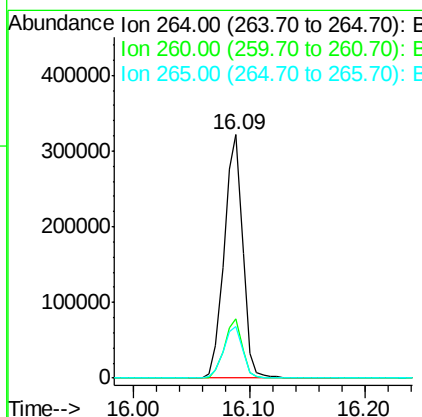
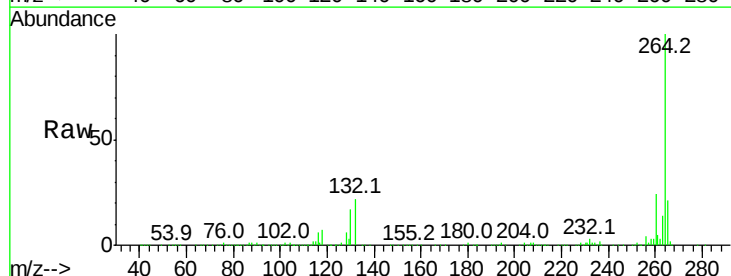
Instrument :
 BNA_F
 ClientSampleId :

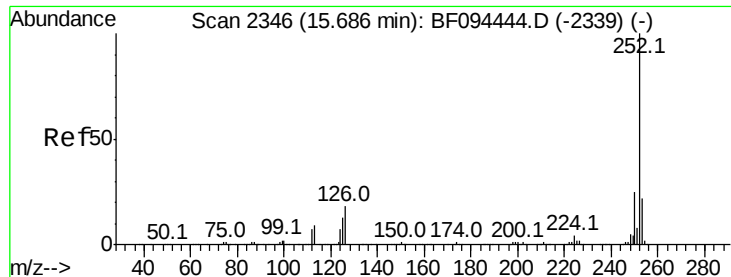
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.2	27.8	41.6
277	25.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.88 ng

RT: 15.69 min Scan# 2338

Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

ClientSampleId :

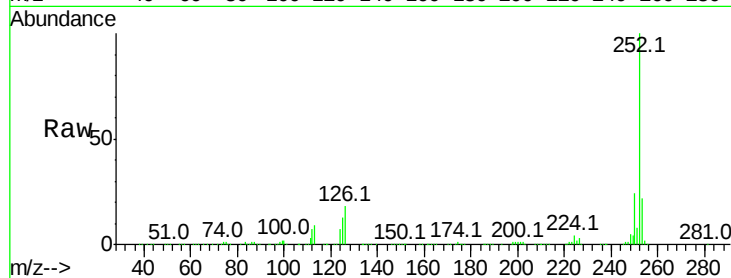
Tot Ion:252 Resp: 892515

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

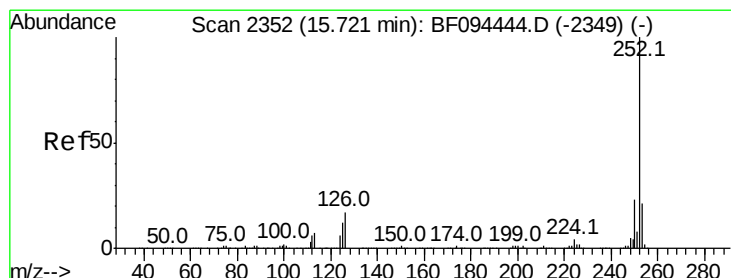
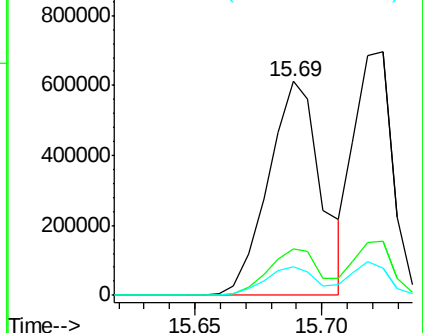
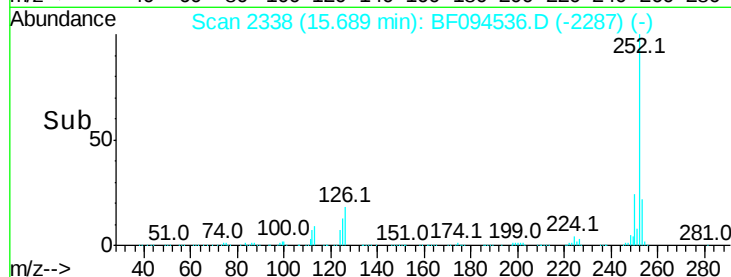
125 13.4 9.8 14.8



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: 43.19 ng

RT: 15.69 min Scan# 2338

Delta R.T. -0.03 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

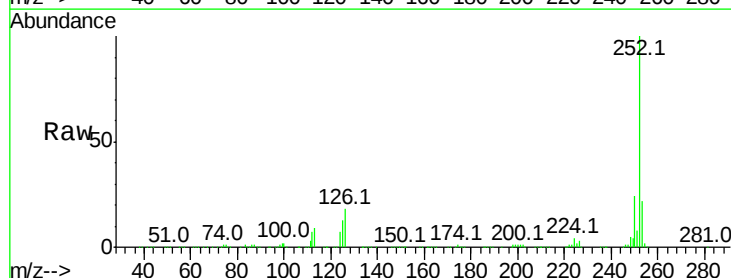
Tgt Ion:252 Resp: 892515

Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

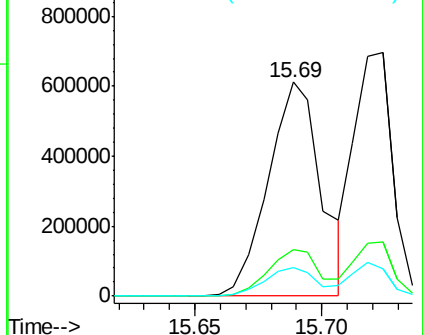
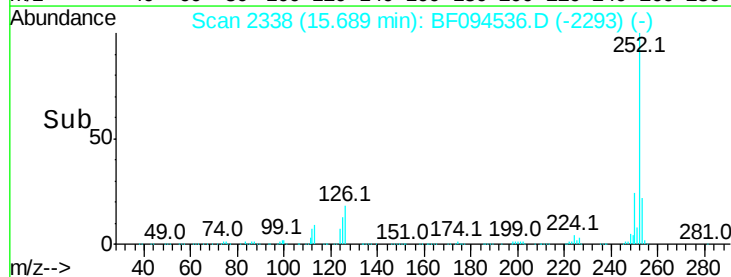
125 13.4 13.1 19.7

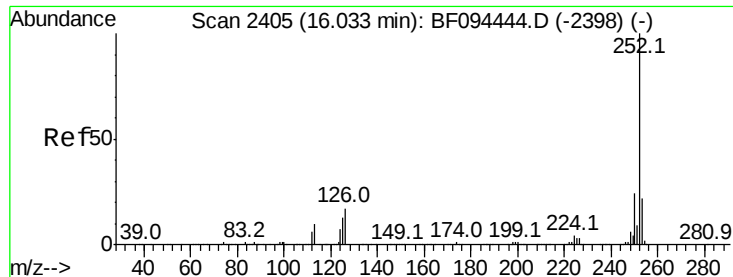


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

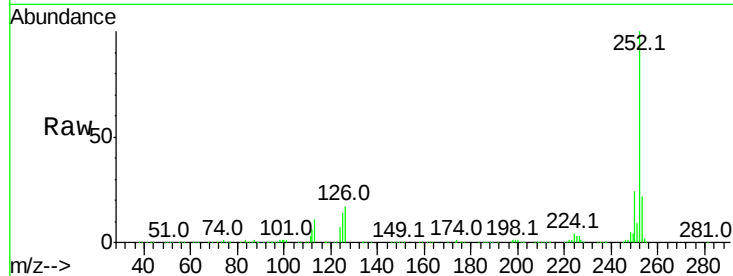




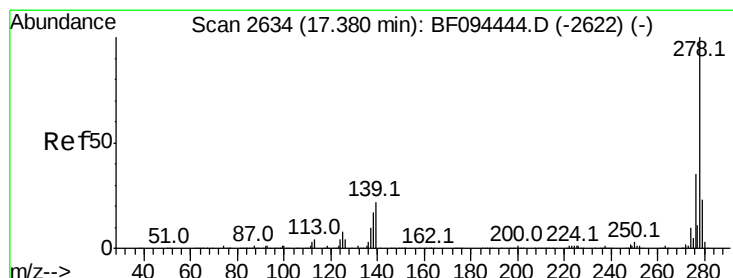
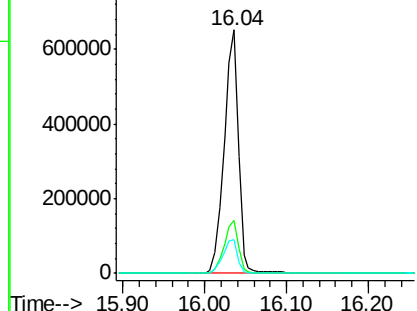
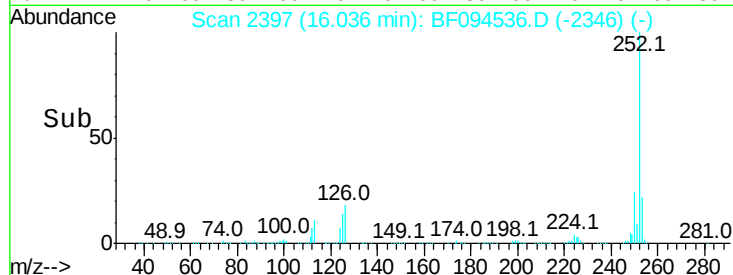
#89
Benzo(a)pyrene
Concen: 39.04 ng
RT: 16.04 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 792942
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 13.8 11.0 16.4

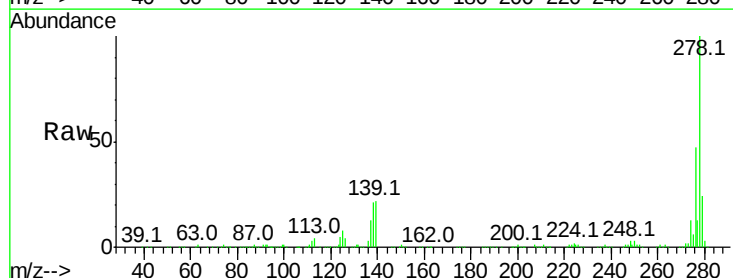


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

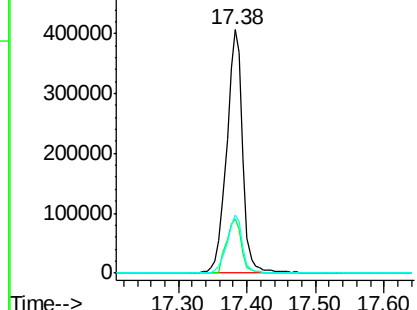
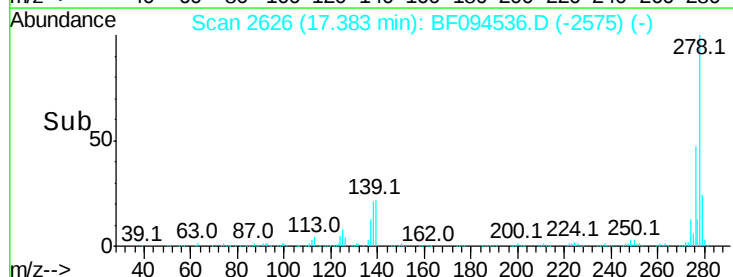


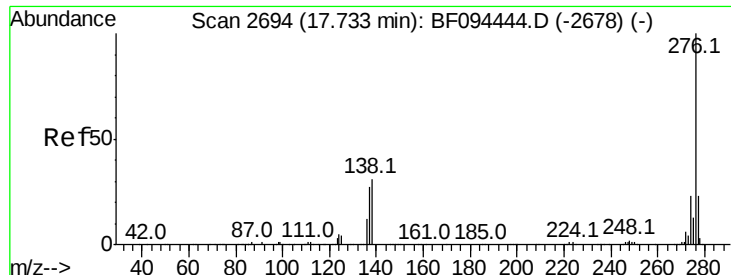
#90
Dibenzo(a,h)anthracene
Concen: 39.48 ng
RT: 17.38 min Scan# 2626
Delta R.T. 0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion:278 Resp: 665907
Ion Ratio Lower Upper
278 100
139 22.0 16.6 24.8
279 23.9 19.3 28.9



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





#91

Benzo(a,h,i)perylene

Concen: 37.91 ng

RT: 17.74 min Scan# 2687

Delta R.T. 0.01 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

ClientSampleId :

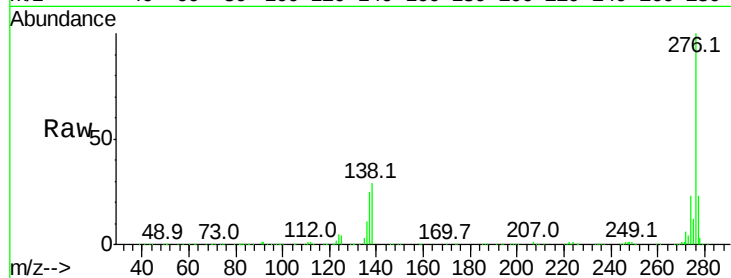
Tot Ion:276 Resp: 650962

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 29.3 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

