

Data Path : Z:\HPCHEM1\BNA F\Data\BF032717\
 Data File : BF093986.D
 Acq On : 28 Mar 2017 11:37
 Operator : SJ/MA
 Sample : I2411-03MS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 13:45:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.94	152	173398	20.00	ng	-0.01
21) Naphthalene-d8	7.45	136	696248	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	297361	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	488344	20.00	ng	0.00
75) Chrysene-d12	14.67	240	305452	20.00	ng	-0.01
86) Perylene-d12	16.30	264	286256	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.48	112	1484886	144.64	ng	0.00
7) Phenol-d6	5.55	99	1896850	149.35	ng	0.00
23) Nitrobenzene-d5	6.59	82	1168756	95.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	354283	150.77	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	1778513	91.23	ng	0.00
78) Terphenyl-d14	13.39	244	1266089	92.91	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.36	88	205183	41.60	ng	99
3) Pyridine	2.83	79	577040	42.93	ng	97
4) n-Nitrosodimethylamine	2.80	42	273634	49.47	ng	91
6) Aniline	5.57	93	383714	21.72	ng	# 80
8) 2-Chlorophenol	5.70	128	577282	51.16	ng	98
9) Benzaldehyde	5.43	77	136075	15.87	ng	98
10) Phenol	5.56	94	699876	48.43	ng	100
11) bis(2-Chloroethyl)ether	5.65	93	549533	48.66	ng	97
12) 1,3-Dichlorobenzene	5.87	146	618361	48.85	ng	99
13) 1,4-Dichlorobenzene	5.96	146	630973	49.22	ng	98
14) 1,2-Dichlorobenzene	6.14	146	579921	49.12	ng	95
15) Benzyl Alcohol	6.11	79	478215	51.44	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.27	45	782371	44.95	ng	98
17) 2-Methylphenol	6.25	107	493510	51.07	ng	98
18) Hexachloroethane	6.53	117	214764	47.66	ng	# 87
19) n-Nitroso-di-n-propylamine	6.43	70	396205	48.54	ng	97
20) 3+4-Methylphenols	6.43	107	591920	50.57	ng	# 66
22) Acetophenone	6.42	105	812135	52.34	ng	# 89
24) Nitrobenzene	6.62	77	593514	49.33	ng	94
25) Isophorone	6.90	82	1081326	50.44	ng	96
26) 2-Nitrophenol	6.99	139	318279	55.47	ng	94
27) 2,4-Dimethylphenol	7.06	122	515736	52.16	ng	98
28) bis(2-Chloroethoxy)methane	7.16	93	687672	48.64	ng	100
29) 2,4-Dichlorophenol	7.29	162	486767	52.66	ng	98
30) 1,2,4-Trichlorobenzene	7.38	180	490533	51.52	ng	99
31) Naphthalene	7.47	128	1625652	48.56	ng	100
32) Benzoic acid	7.17	122	119044	18.09	ng	98
33) 4-Chloroaniline	7.53	127	128636	9.48	ng	95
34) Hexachlorobutadiene	7.63	225	244278	50.03	ng	99
35) Caprolactam	7.99	113	99070	33.61	ng	92
36) 4-Chloro-3-methylphenol	8.16	107	517942	53.62	ng	89
37) 2-Methylnaphthalene	8.32	142	1102841	49.42	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	414374	50.94	ng	100
40) Hexachlorocyclopentadiene	8.52	237	255423	67.10	ng	99

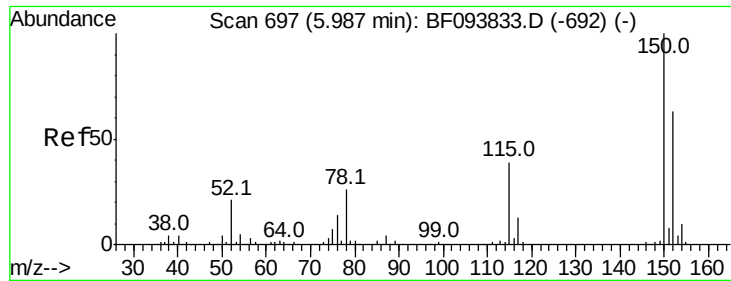
Data Path : Z:\HPCHEM1\BNA F\Data\BF032717\
 Data File : BF093986.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.67	196	319818	55.57	nq	97
43) 2,4,5-Trichlorophenol	8.72	196	321381	51.61	nq	95
45) 1,1'-Biphenyl	8.89	154	1210296	50.46	nq	98
46) 2-Chloronaphthalene	8.92	162	959688	51.11	nq	96
47) 2-Nitroaniline	9.04	65	290985	52.24	nq	# 81
48) Acenaphthylene	9.42	152	1496382	47.96	nq	99
49) Dimethylphthalate	9.28	163	1221823	57.80	nq	100
50) 2,6-Dinitrotoluene	9.35	165	253590	52.33	nq	# 88
51) Acenaphthene	9.63	154	892297	49.01	nq	99
52) 3-Nitroaniline	9.54	138	139568	24.53	nq	92
53) 2,4-Dinitrophenol	9.67	184	98451	40.42	nq	# 68
54) Dibenzofuran	9.85	168	1277356	51.54	nq	99
55) 4-Nitrophenol	9.78	139	412170	92.50	nq	# 69
56) 2,4-Dinitrotoluene	9.84	165	304822	50.08	nq	# 73
57) Fluorene	10.27	166	928260	45.16	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	230137	53.86	nq	99
59) Diethylphthalate	10.15	149	1087964	52.08	nq	99
60) 4-Chlorophenyl-phenylether	10.27	204	409459	46.76	nq	90
61) 4-Nitroaniline	10.30	138	242921	44.49	nq	97
62) Azobenzene	10.47	77	1031371	52.19	nq	95
64) 4,6-Dinitro-2-methylphenol	10.34	198	90477	30.25	nq	# 75
65) n-Nitrosodiphenylamine	10.42	169	900262	53.31	nq	97
66) 4-Bromophenyl-phenylether	10.87	248	252406	52.55	nq	95
67) Hexachlorobenzene	10.95	284	258654	53.20	nq	# 91
68) Atrazine	11.09	200	264714	52.33	nq	96
69) Pentachlorophenol	11.19	266	257319	85.03	nq	98
70) Phenanthrene	11.45	178	1318920	48.55	nq	100
71) Anthracene	11.51	178	1360599	48.64	nq	99
72) Carbazole	11.71	167	1261579	43.99	nq	98
73) Di-n-butylphthalate	12.16	149	1580709	52.99	nq	99
74) Fluoranthene	12.90	202	1199141	43.11	nq	98
76) Benzidine	13.07	184	439820	36.38	nq	# 92
77) Pyrene	13.18	202	1175948	53.05	nq	99
79) Butylbenzylphthalate	14.00	149	580789	61.49	nq	# 87
80) Benzo(a)anthracene	14.66	228	899643	50.51	nq	98
81) 3,3'-Dichlorobenzidine	14.63	252	257116	40.39	nq	# 96
82) Chrysene	14.70	228	799764	48.38	nq	100
83) Bis(2-ethylhexyl)phthalate	14.72	149	767124	59.53	nq	# 99
84) Di-n-octyl phthalate	15.47	149	1209318	56.18	nq	98
85) Indeno(1,2,3-cd)pyrene	17.67	276	816737	57.05	nq	99
87) Benzo(b)fluoranthene	15.89	252	896613	51.10	nq	98
88) Benzo(k)fluoranthene	15.89	252	896613	52.23	nq	96
89) Benzo(a)pyrene	16.24	252	817070	50.57	nq	98
90) Dibenzo(a,h)anthracene	17.69	278	693834	50.70	nq	98
91) Benzo(g,h,i)perylene	18.08	276	655870	47.56	nq	98

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

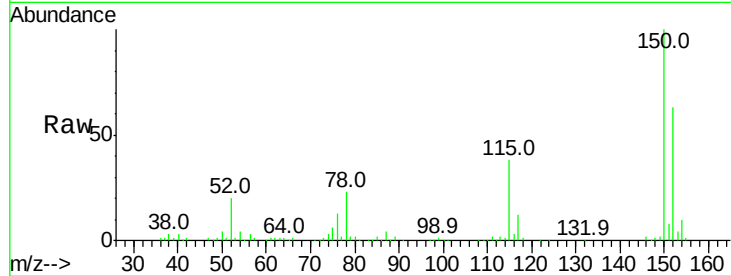


#1

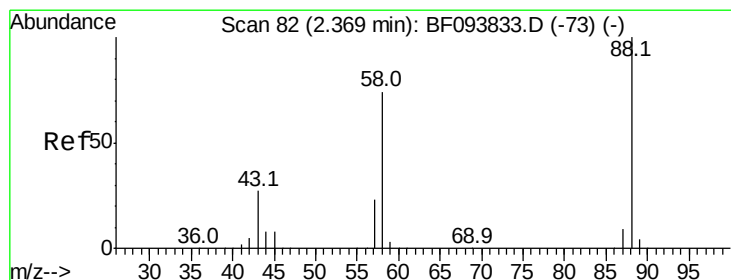
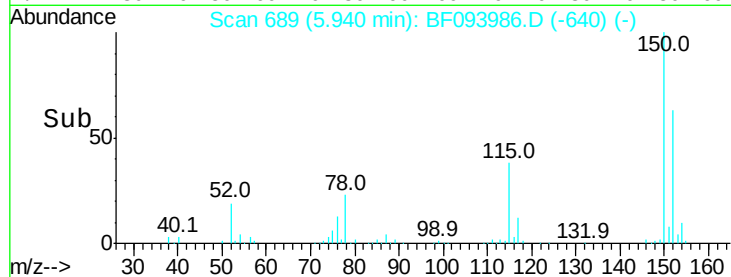
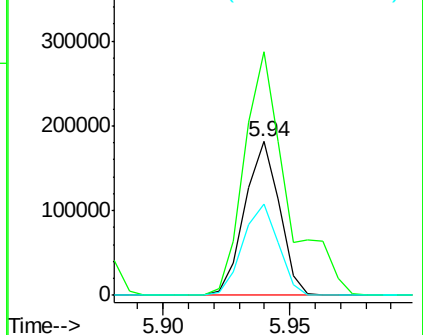
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.94 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 173398
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 59.7 52.2 78.2



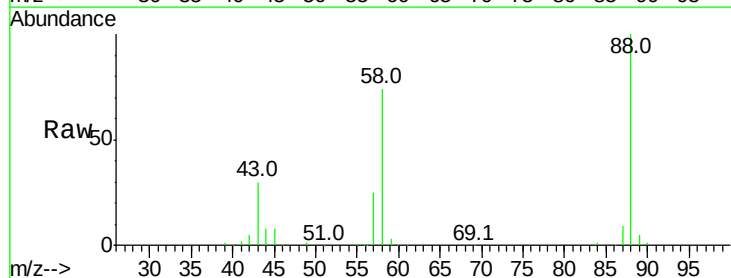
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



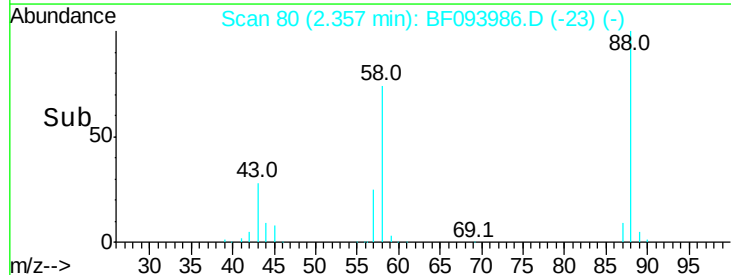
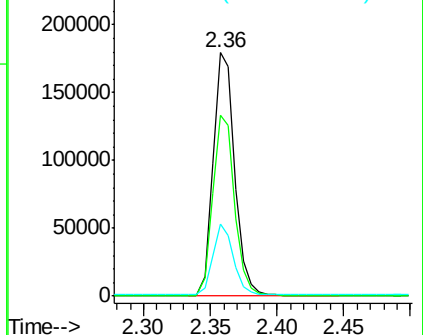
#2

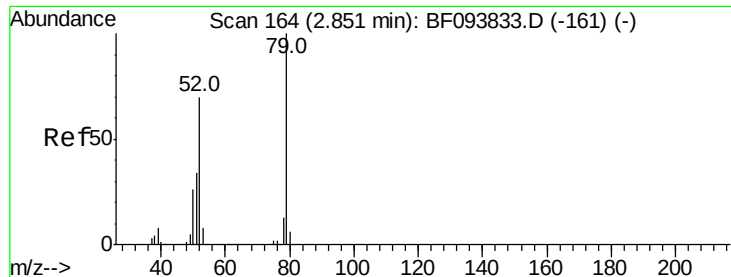
1,4-Dioxane
Concen: 41.60 ng
RT: 2.36 min Scan# 80
Delta R.T. 0.04 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

Tgt Ion: 88 Resp: 205183
Ion Ratio Lower Upper
88 100
58 75.4 61.4 92.0
43 28.4 23.4 35.0



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





#3

Pvridine

Concen: 42.93 ng

RT: 2.83 min Scan# 161

Delta R.T. 0.02 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

Instrument :

BNA_F

ClientSampleId :

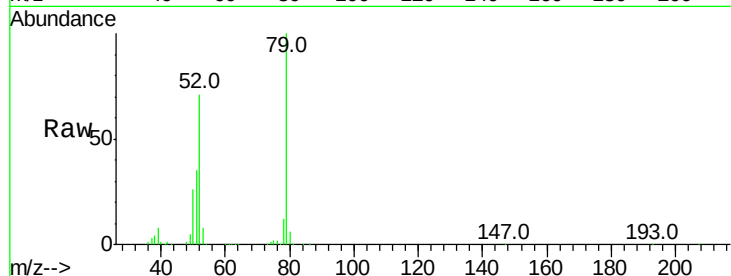
Tot Ion: 79 Resp: 577040

Ion Ratio Lower Upper

79 100

52 71.2 54.8 82.2

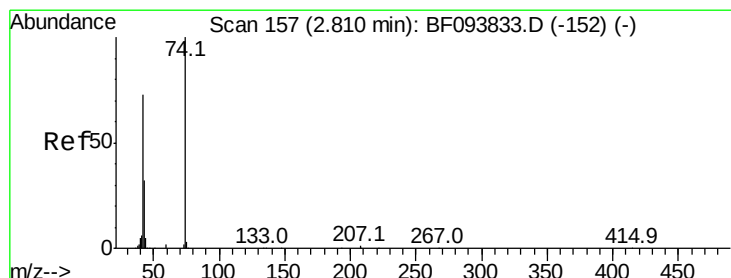
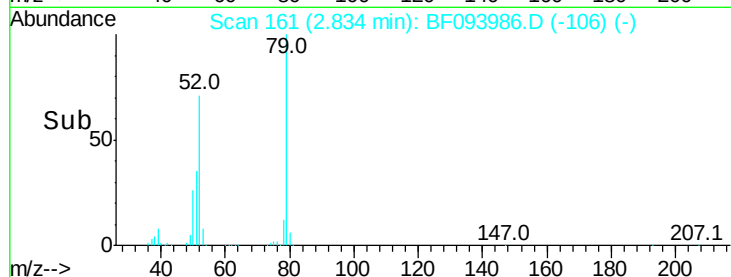
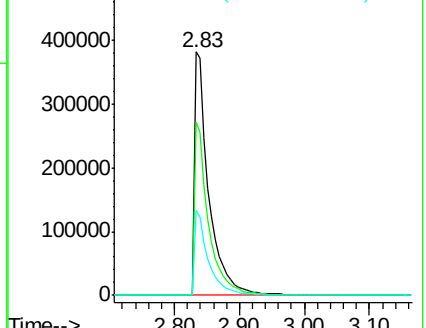
51 34.8 27.0 40.4



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: 49.47 ng

RT: 2.80 min Scan# 156

Delta R.T. 0.03 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

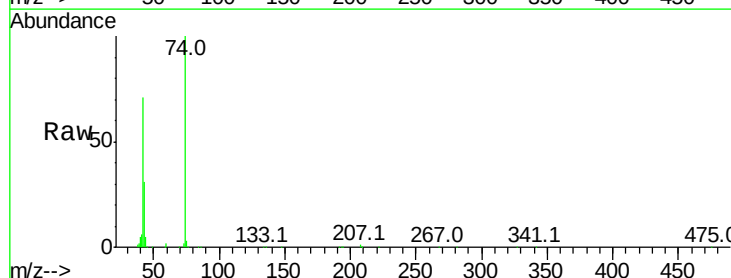
Tgt Ion: 42 Resp: 273634

Ion Ratio Lower Upper

42 100

74 140.9 103.9 155.9

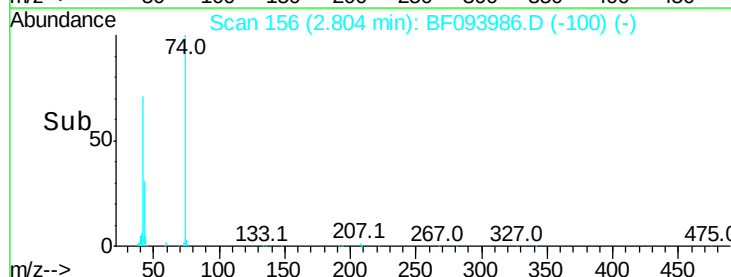
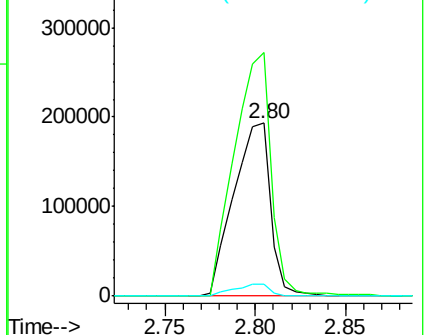
44 7.1 5.7 8.5

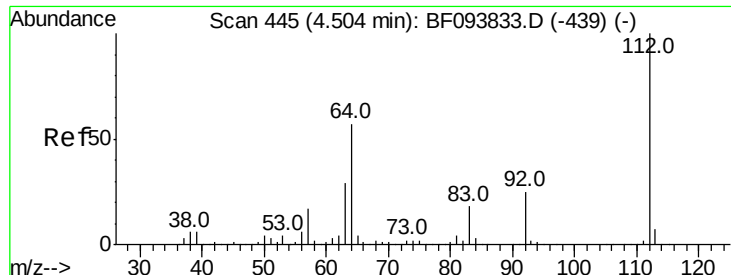


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 144.64 ng

RT: 4.48 min Scan# 441

Delta R.T. 0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

Instrument :

BNA_F

ClientSampleId :

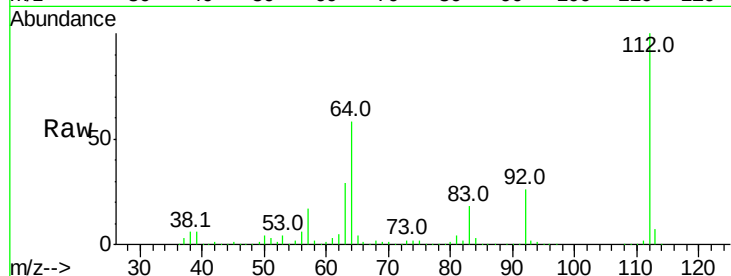
Tot Ion:112 Resp: 1484886

Ion Ratio Lower Upper

112 100

64 57.9 46.0 69.0

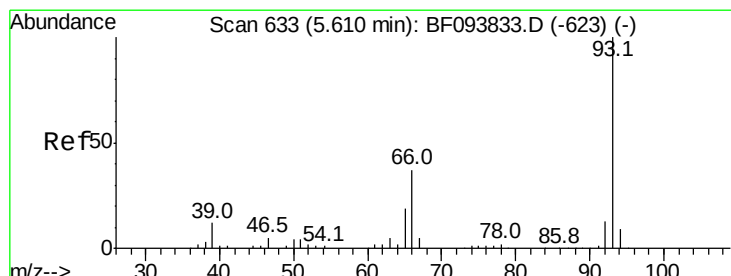
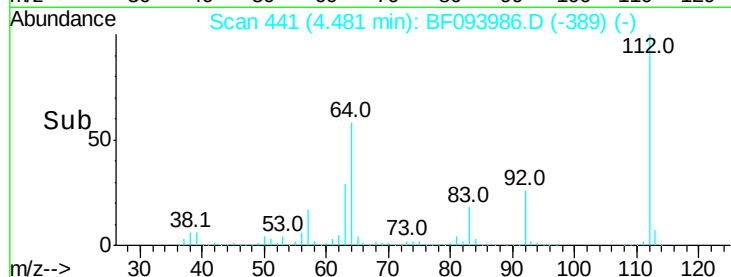
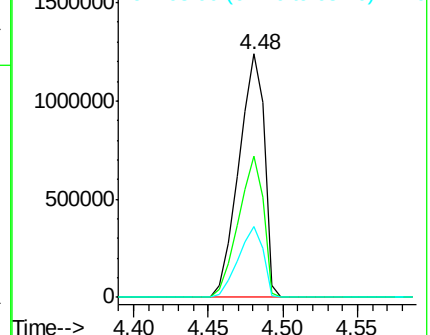
63 29.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.72 ng

RT: 5.57 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

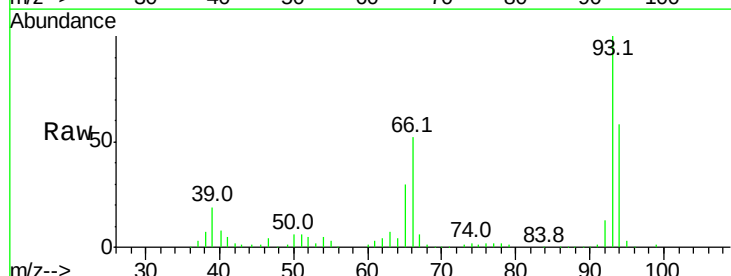
Tgt Ion: 93 Resp: 383714

Ion Ratio Lower Upper

93 100

66 52.5 32.9 49.3#

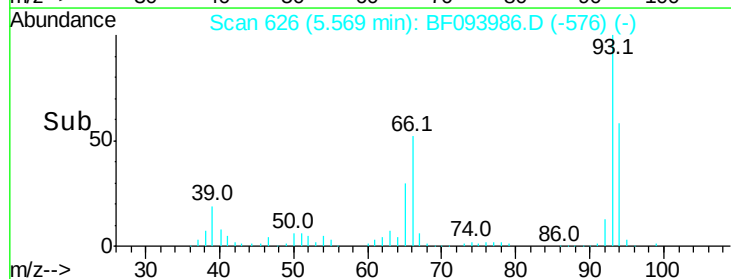
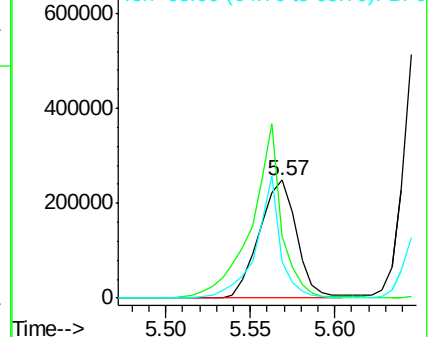
65 30.2 16.0 24.0#

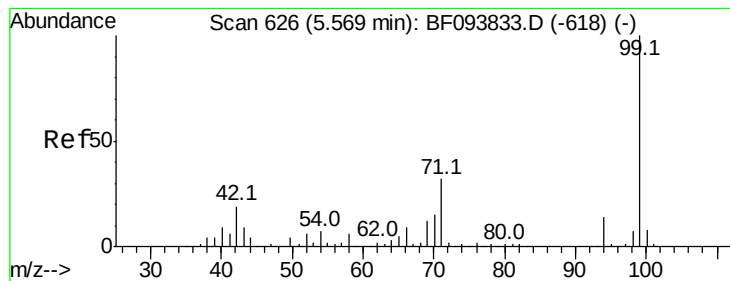


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 149.35 ng

RT: 5.55 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

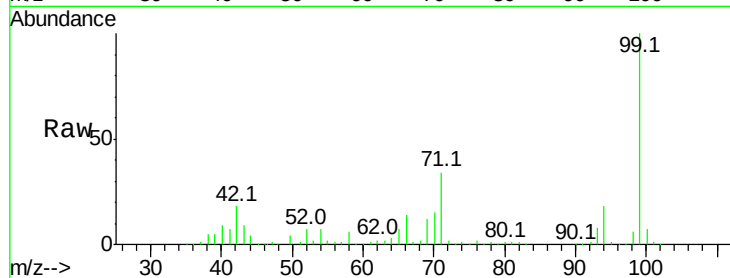
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1896850

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.5	20.3
71	33.9	24.5	36.7

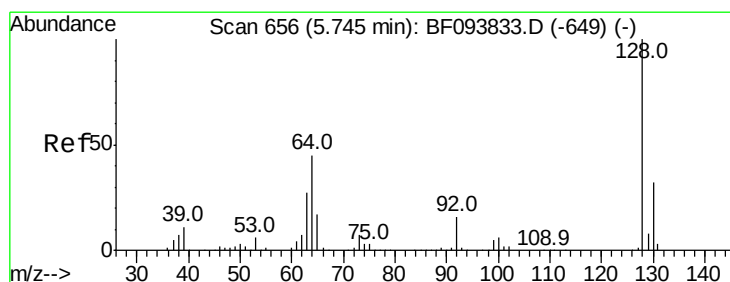
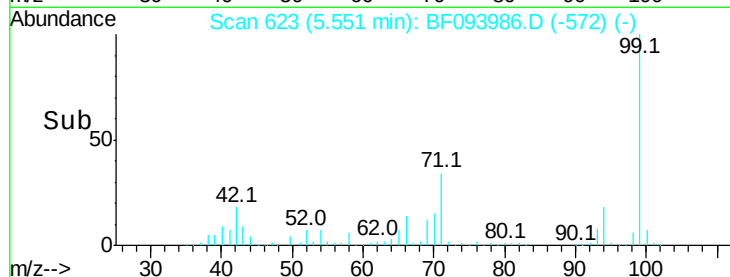
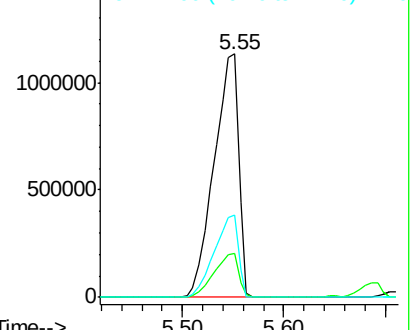


Abundance

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: 51.16 ng

RT: 5.70 min Scan# 649

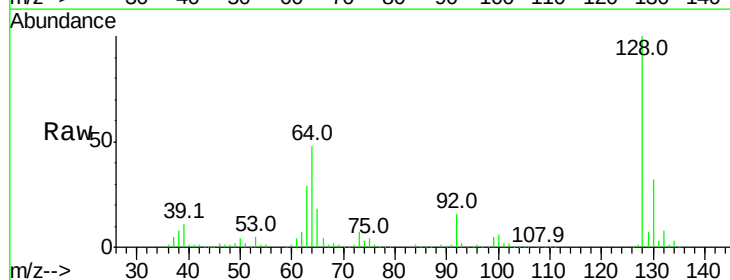
Delta R.T. -0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

Tgt Ion:128 Resp: 577282

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.9	52.9
64	47.6	28.4	68.4

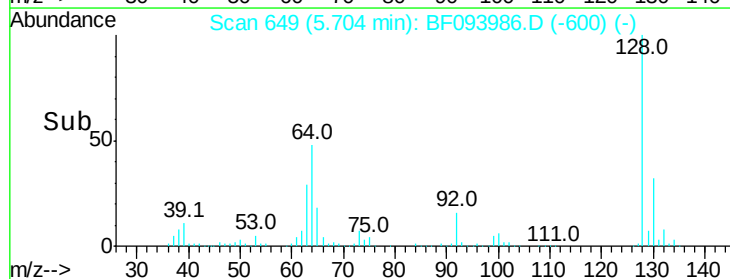
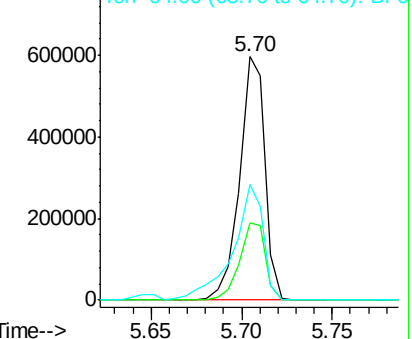


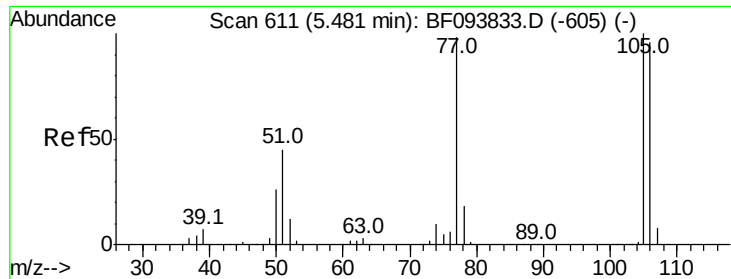
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

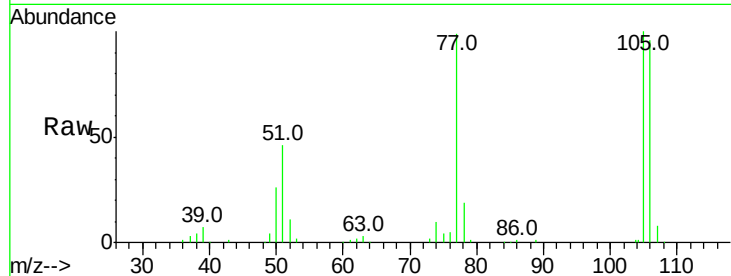




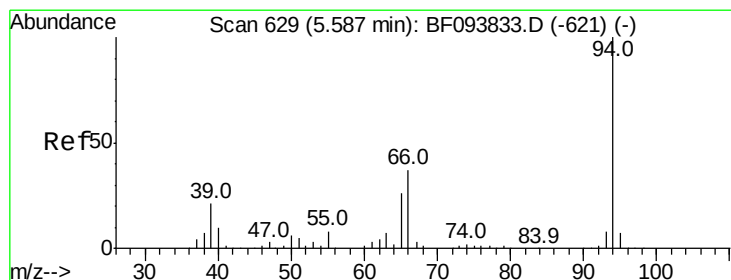
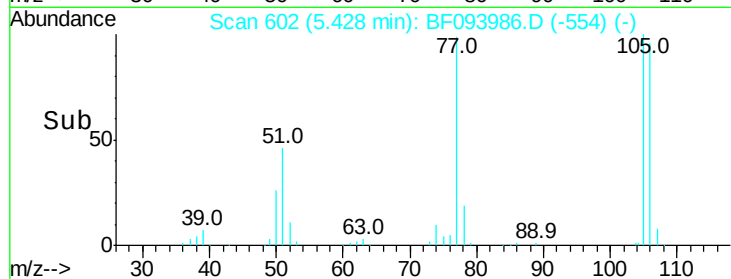
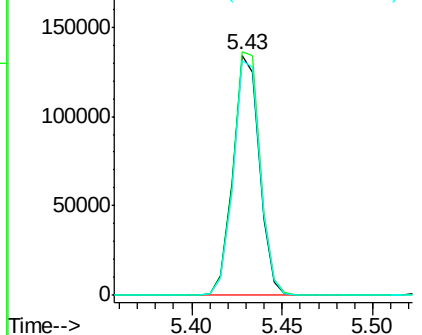
#9
Benzaldehyde
Concen: 15.87 ng
RT: 5.43 min Scan# 602
Delta R.T. -0.02 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 136075
Ion Ratio Lower Upper
77 100
105 101.5 83.8 123.8
106 97.8 79.1 119.1

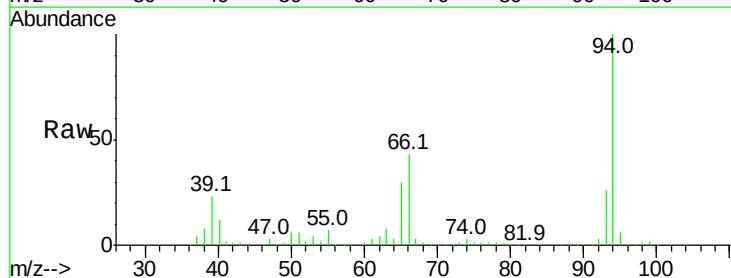


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

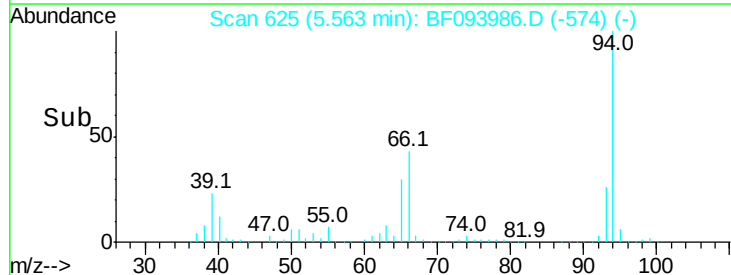
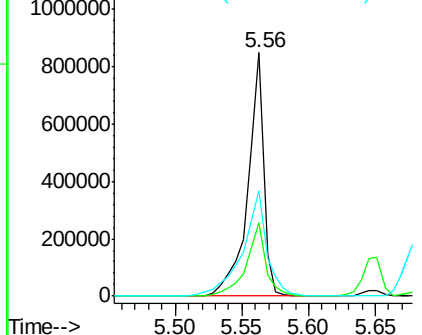


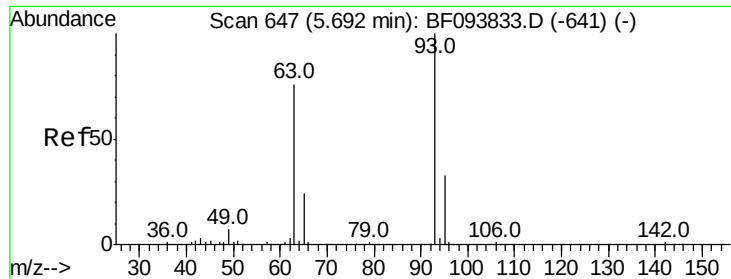
#10
Phenol
Concen: 48.43 ng
RT: 5.56 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

Tgt Ion: 94 Resp: 699876
Ion Ratio Lower Upper
94 100
65 30.4 9.9 49.9
66 43.3 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

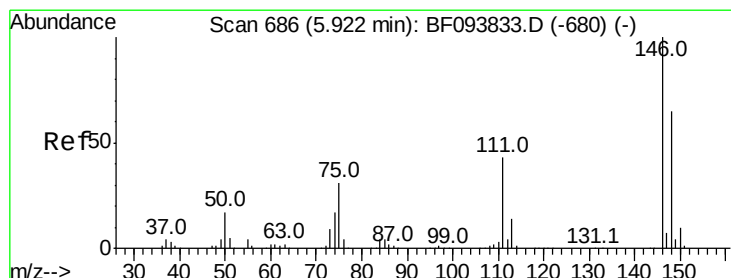
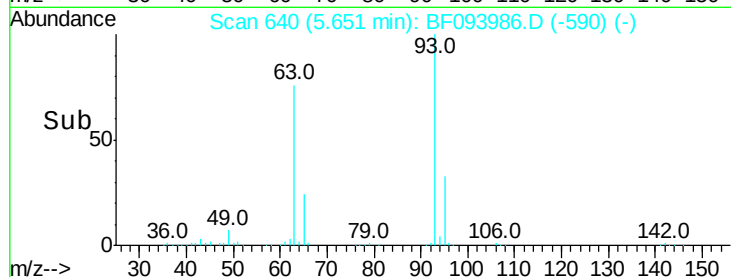
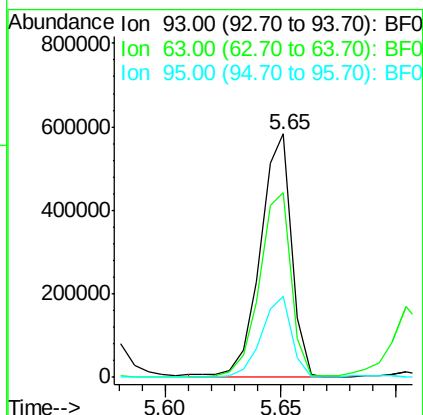
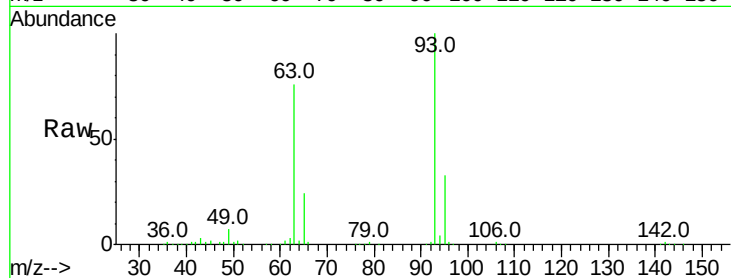




#11
bis(2-Chloroethyl)ether
Concen: 48.66 ng
RT: 5.65 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

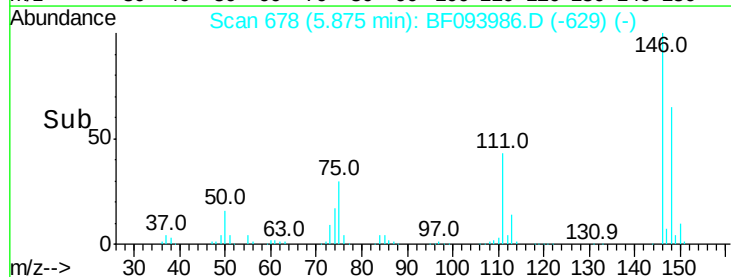
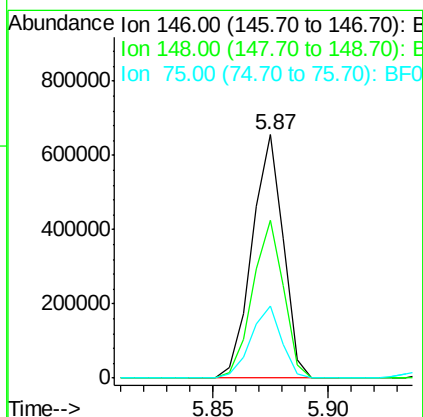
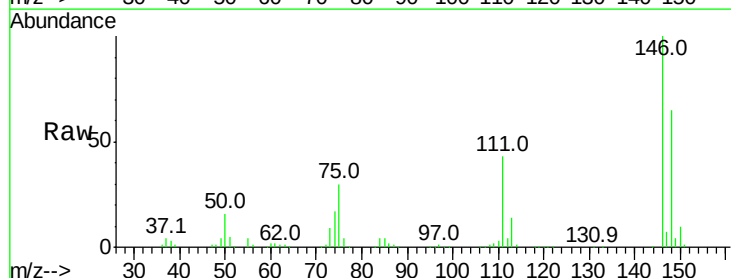
Instrument :
BNA_F
ClientSampleId :

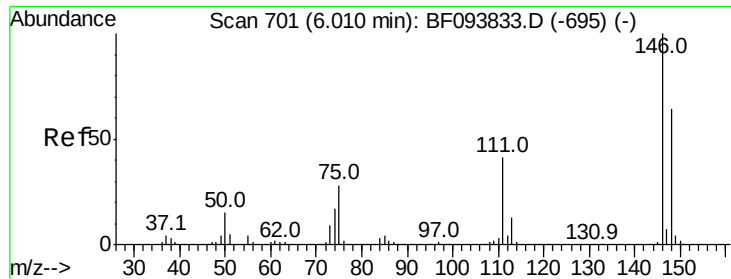
Tot Ion: 93 Resp: 549533
Ion Ratio Lower Upper
93 100
63 76.0 59.2 99.2
95 33.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 48.85 ng
RT: 5.87 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

Tgt Ion: 146 Resp: 618361
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.6
75 29.7 23.1 34.7

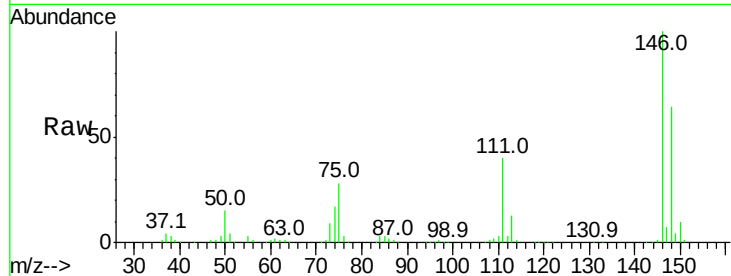




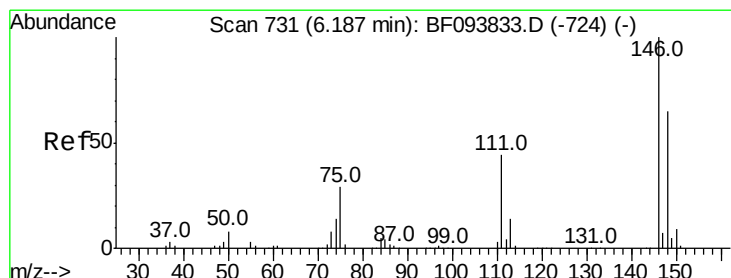
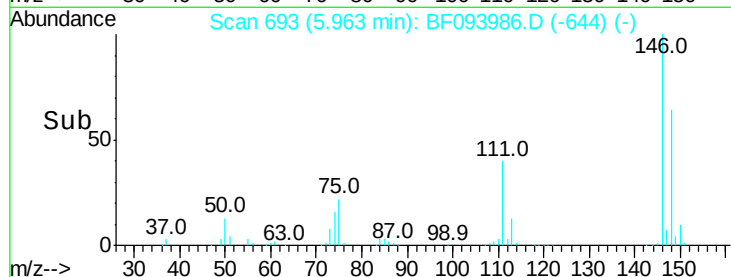
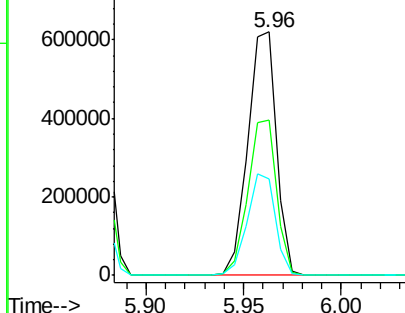
#13
 1,4-Dichlorobenzene
 Concen: 49.22 ng
 RT: 5.96 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 630973
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 39.8 30.3 45.5

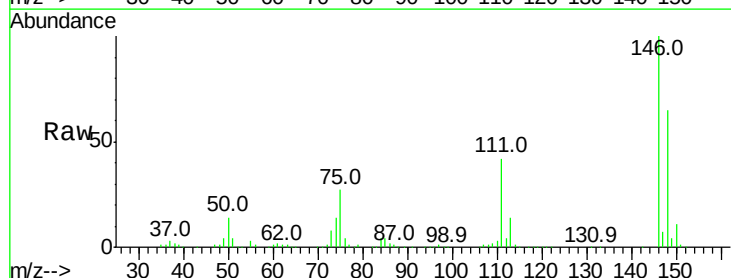


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

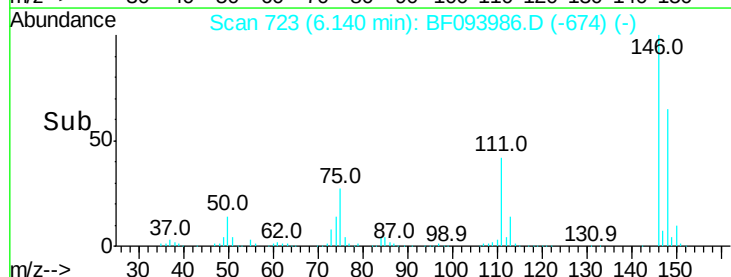
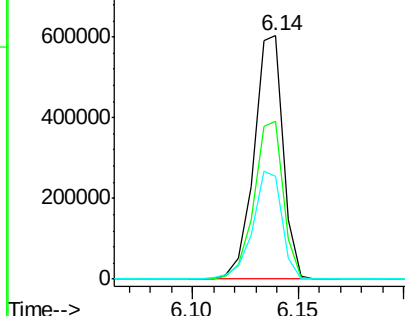


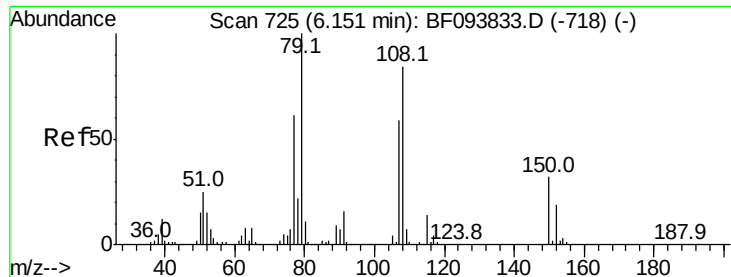
#14
 1,2-Dichlorobenzene
 Concen: 49.12 ng
 RT: 6.14 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

Tgt Ion:146 Resp: 579921
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.4 75.6
 111 42.3 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

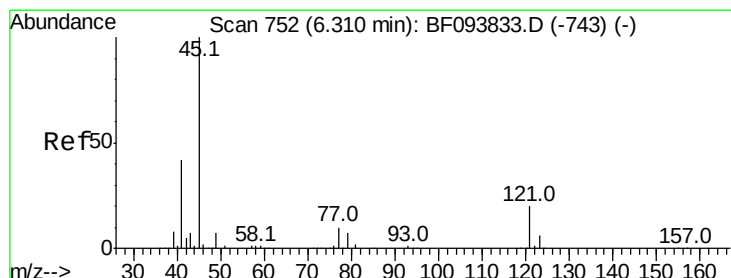
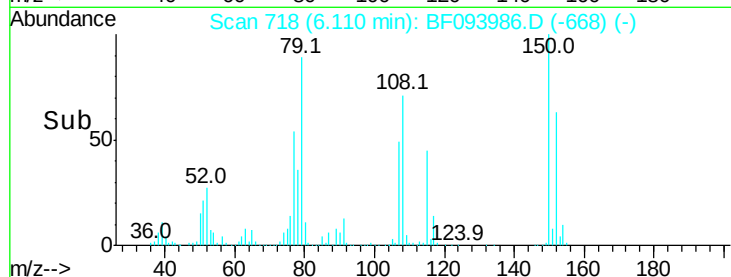
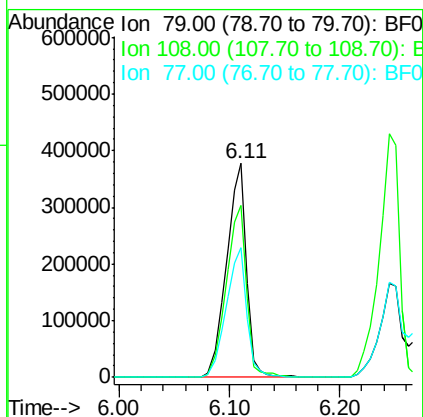
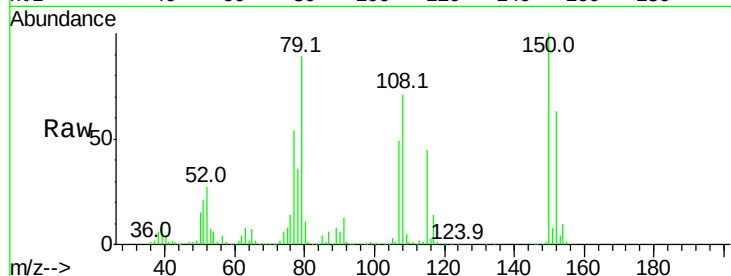




#15
Benzyl Alcohol
Concen: 51.44 ng
RT: 6.11 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

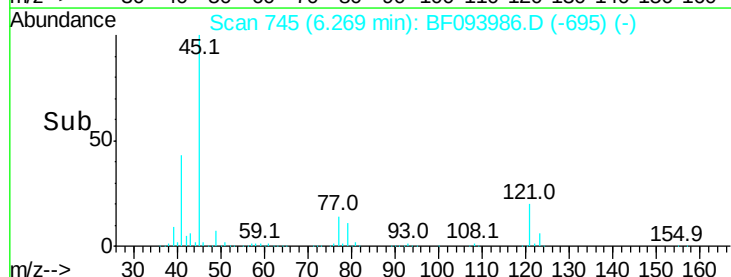
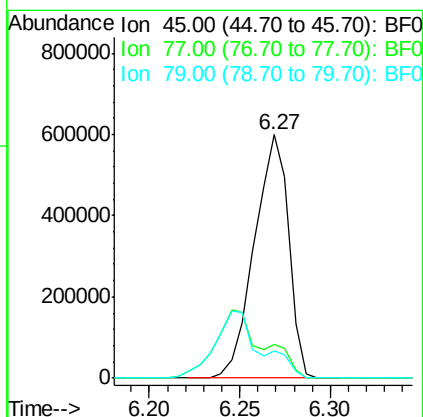
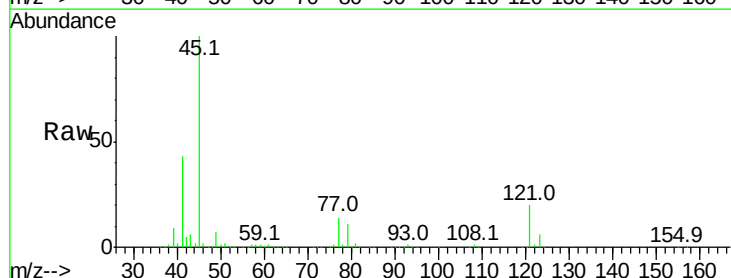
Instrument :
BNA_F
ClientSampleId :

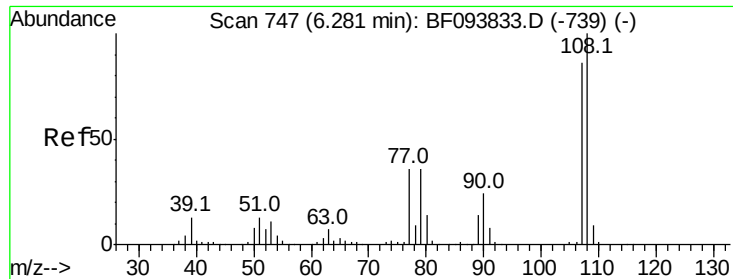
Tot Ion: 79 Resp: 478215
Ion Ratio Lower Upper
79 100
108 80.4 63.4 95.0
77 60.7 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.95 ng
RT: 6.27 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

Tgt Ion: 45 Resp: 782371
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.2
79 11.0 0.0 30.0

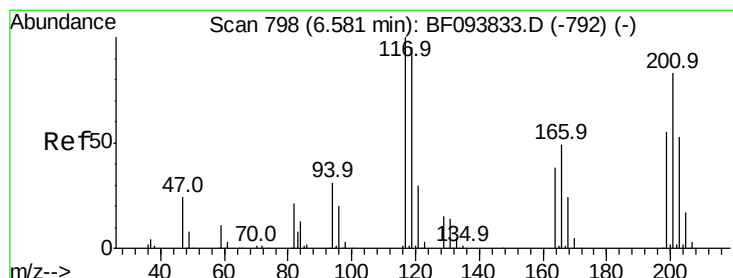
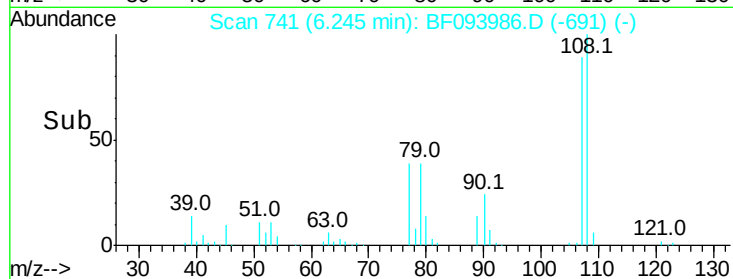
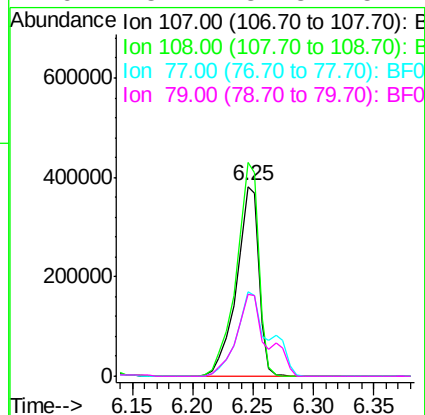
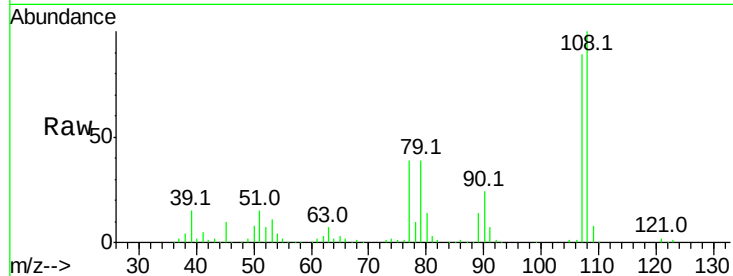




#17
2-Methylphenol
Concen: 51.07 ng
RT: 6.25 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

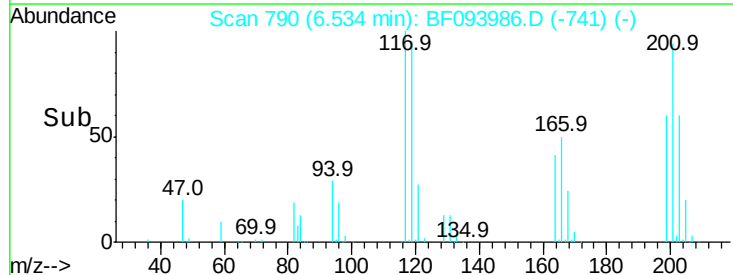
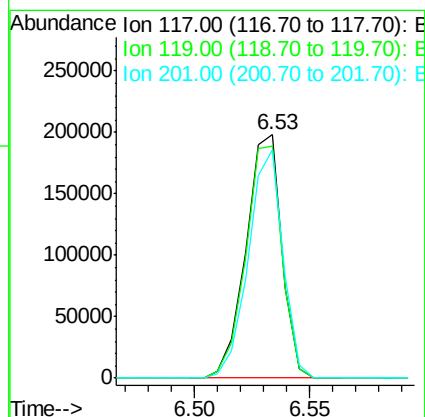
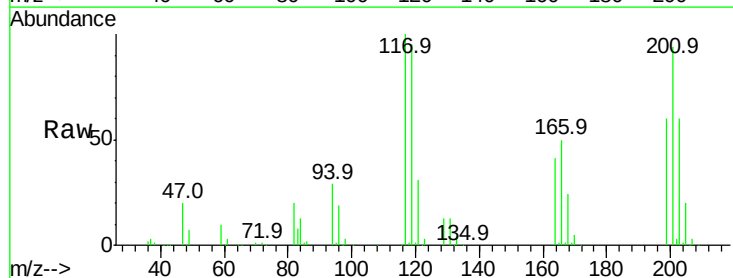
Instrument :
BNA_F
ClientSampleId :

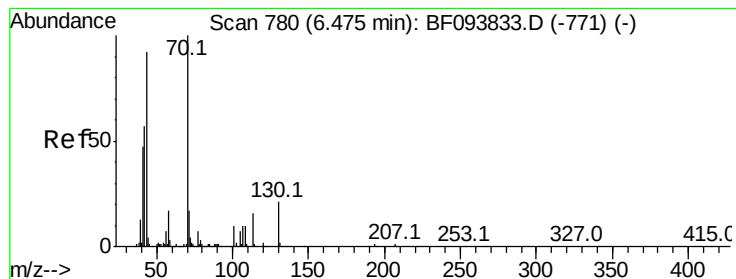
Tot Ion:107 Resp: 493510
Ion Ratio Lower Upper
107 100
108 112.6 93.4 140.0
77 44.2 35.8 53.6
79 43.4 34.8 52.2



#18
Hexachloroethane
Concen: 47.66 ng
RT: 6.53 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

Tgt Ion:117 Resp: 214764
Ion Ratio Lower Upper
117 100
119 95.2 77.4 116.0
201 93.8 94.6 141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 48.54 ng

RT: 6.43 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 396205

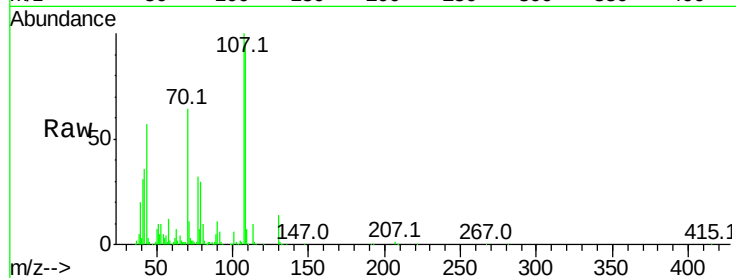
Ion Ratio Lower Upper

70 100

42 56.2 47.2 70.8

101 9.3 7.2 10.8

130 21.6 15.9 23.9

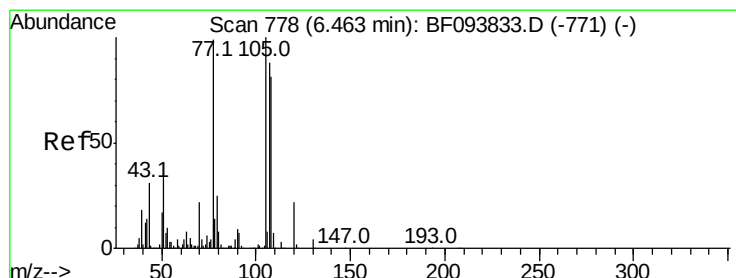
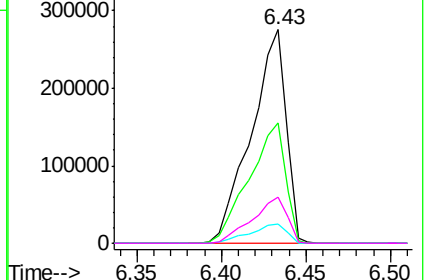
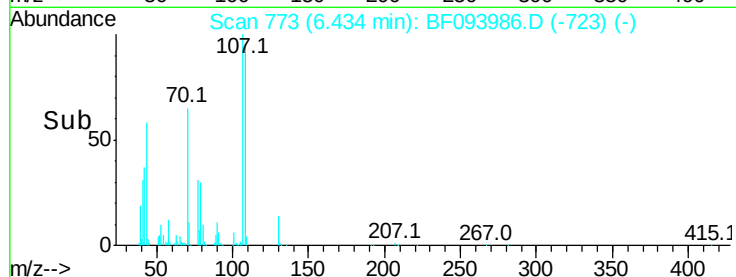


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 50.57 ng

RT: 6.43 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

Tgt Ion: 107 Resp: 591920

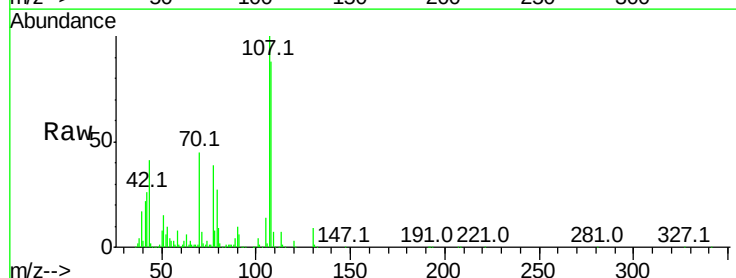
Ion Ratio Lower Upper

107 100

108 88.2 71.0 111.0

77 38.8 90.5 130.5#

79 26.7 8.4 48.4

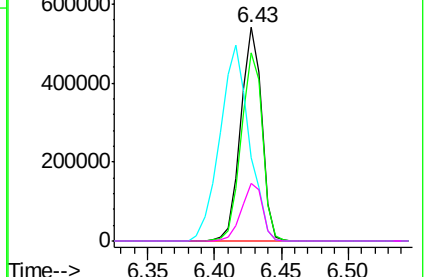
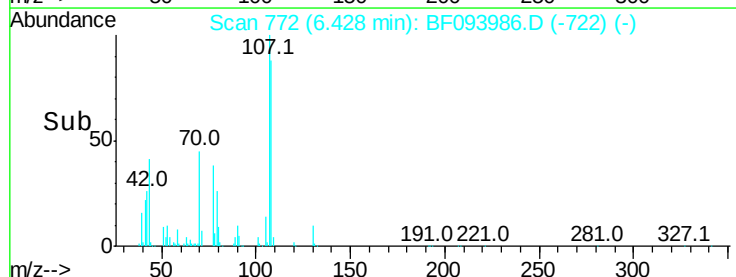


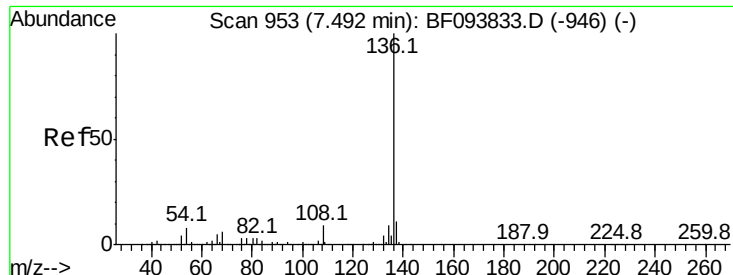
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

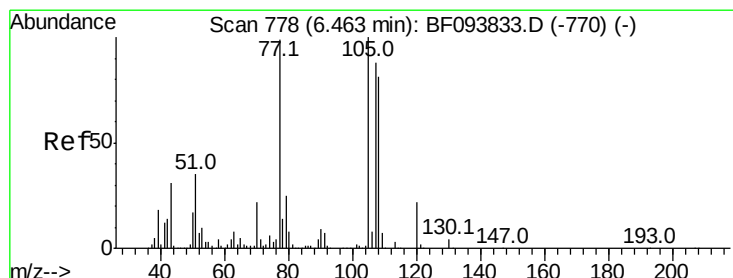
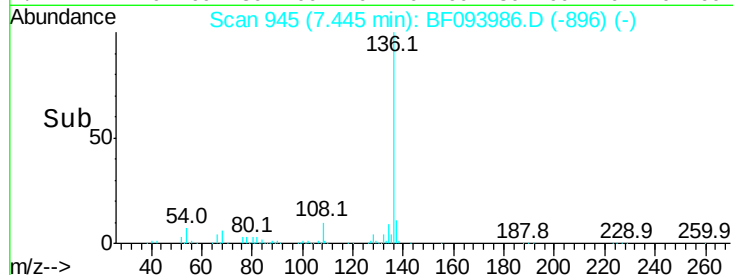
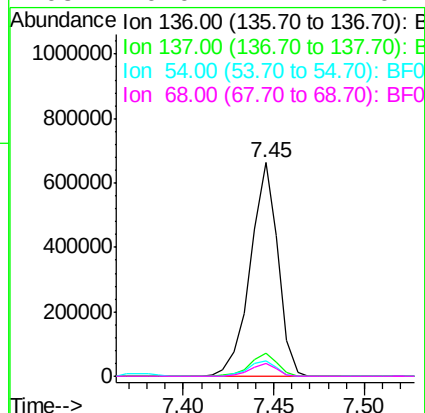
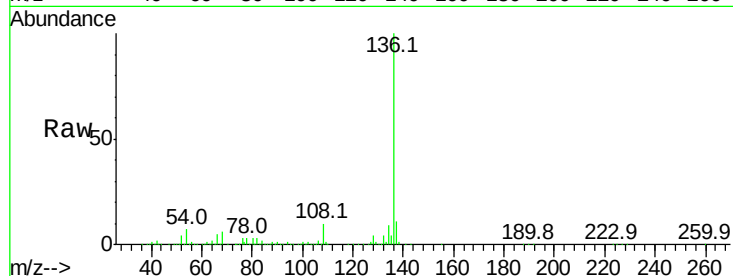




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.45 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

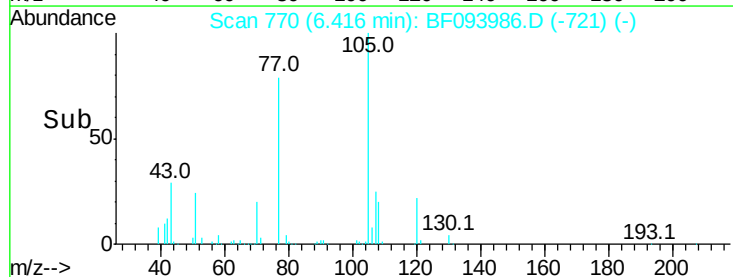
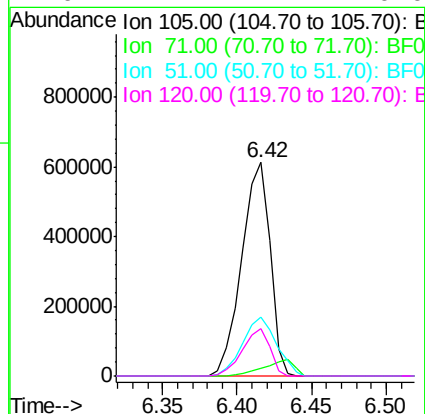
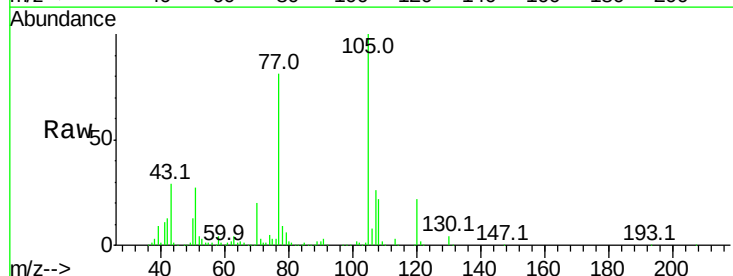
Instrument :
BNA_F
ClientSampled :

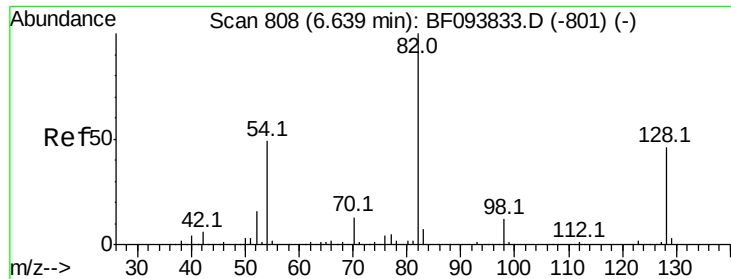
Tot Ion:136	Resp: 696248
Ion Ratio	Lower Upper
136 100	
137 10.8	8.5 12.7
54 7.3	4.9 7.3
68 6.0	4.1 6.1



#22
Acetophenone
Concen: 52.34 ng
RT: 6.42 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

Tgt	Ion:105	Resp:	812135
Ion	Ratio	Lower	Upper
105	100		
71	3.4	2.8	4.2
51	27.5	30.7	46.1#
120	22.1	17.4	26.0

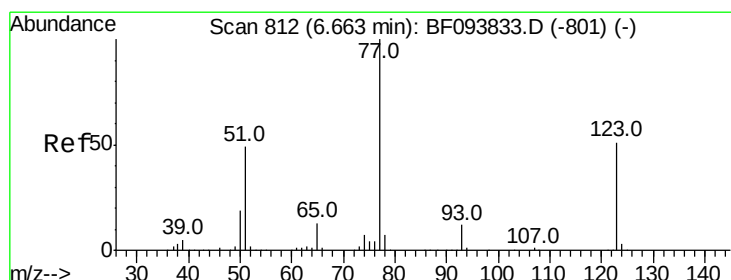
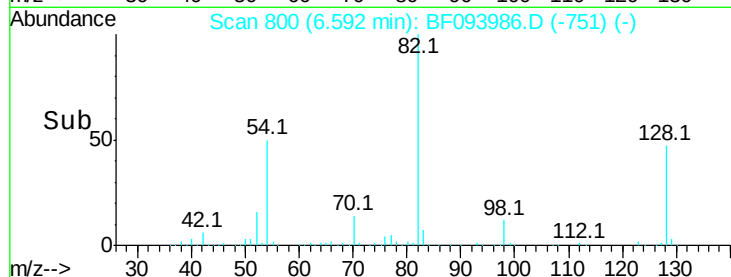
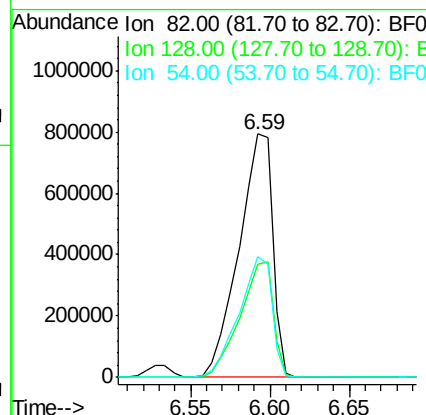
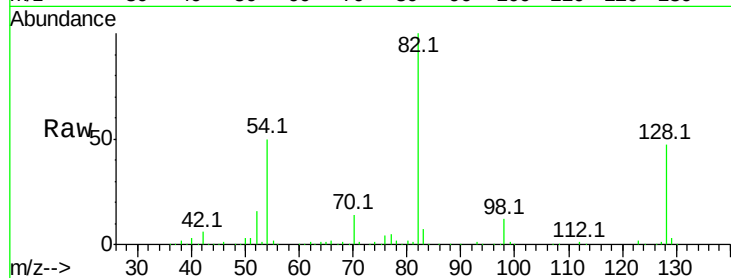




#23
 Nitrobenzene-d5
 Concen: 95.80 ng
 RT: 6.59 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

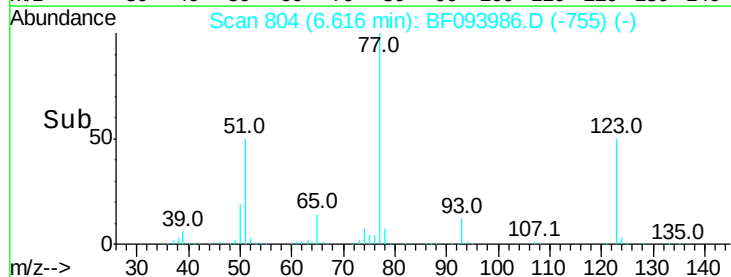
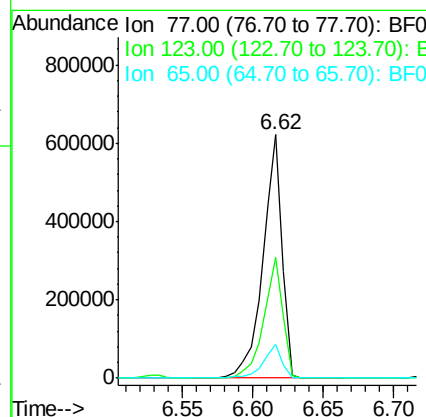
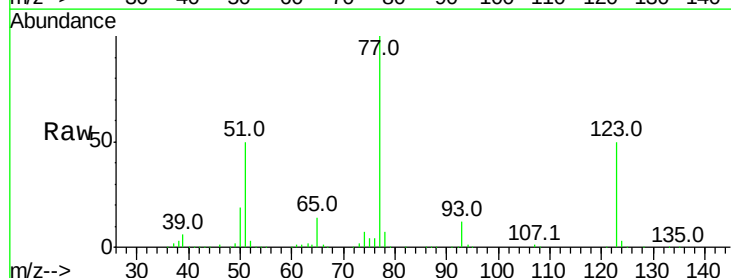
Instrument :
 BNA_F
 ClientSampleId :

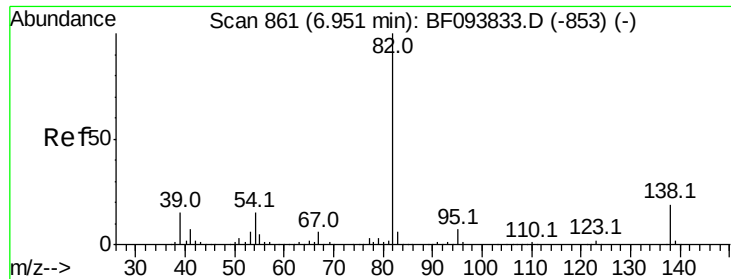
Tot Ion: 82 Resp: 1168756
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.0 51.0
 54 49.7 42.2 63.2



#24
 Nitrobenzene
 Concen: 49.33 ng
 RT: 6.62 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

Tgt Ion: 77 Resp: 593514
 Ion Ratio Lower Upper
 77 100
 123 49.8 35.8 53.8
 65 13.7 10.6 15.8





#25

Isophorone

Concen: 50.44 ng

RT: 6.90 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

Instrument :

BNA_F

ClientSampleId :

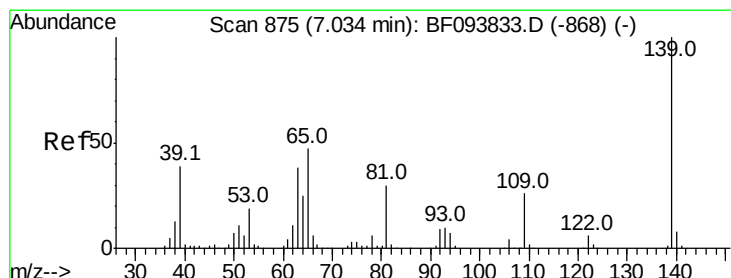
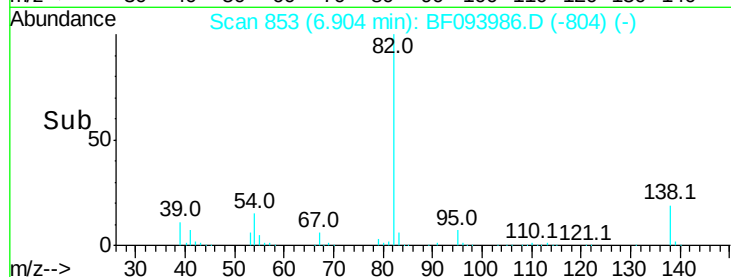
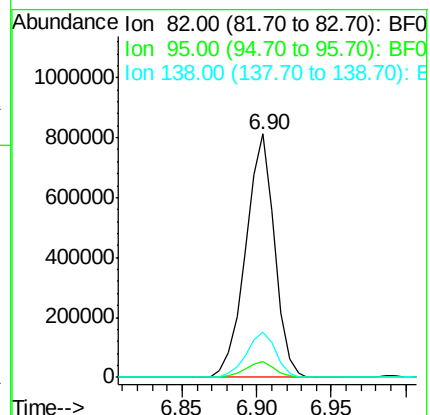
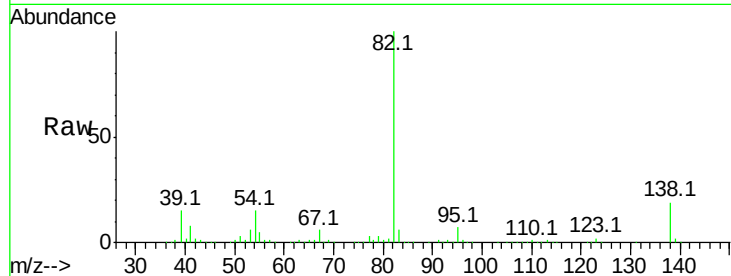
Tot Ion: 82 Resp: 1081326

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 18.5 13.1 19.7



#26

2-Nitrophenol

Concen: 55.47 ng

RT: 6.99 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

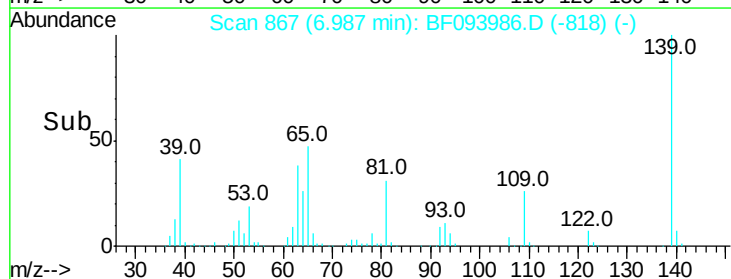
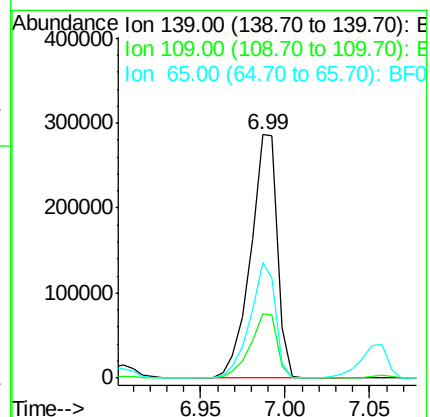
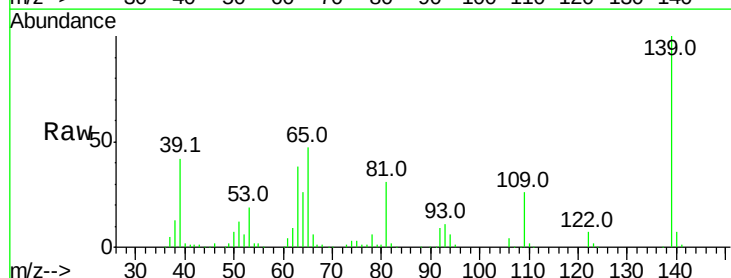
Tgt Ion: 139 Resp: 318279

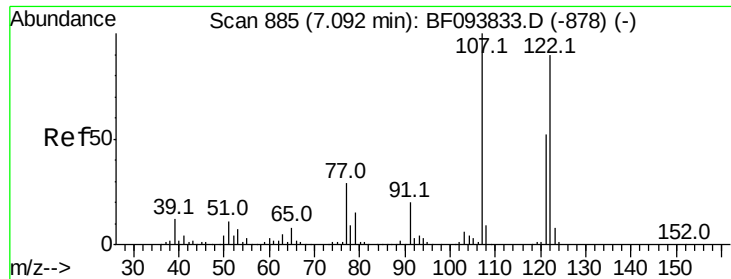
Ion Ratio Lower Upper

139 100

109 26.5 21.0 31.6

65 47.3 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 52.16 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

Instrument :

BNA_F

ClientSampleId :

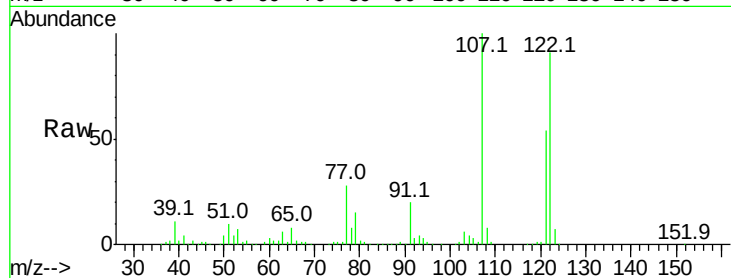
Tot Ion:122 Resp: 515736

Ion Ratio Lower Upper

122 100

107 109.9 89.2 133.8

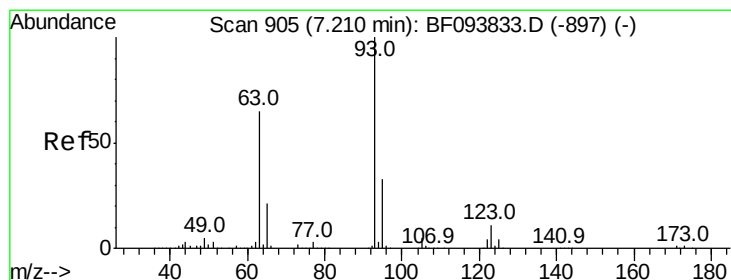
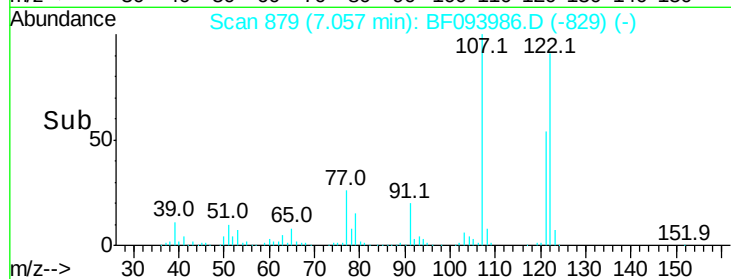
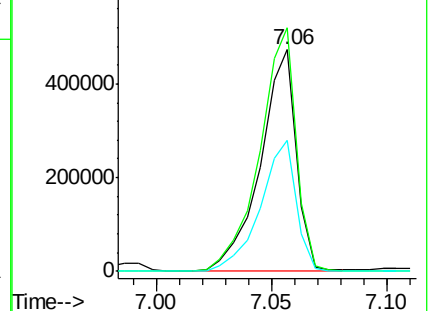
121 59.0 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.64 ng

RT: 7.16 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

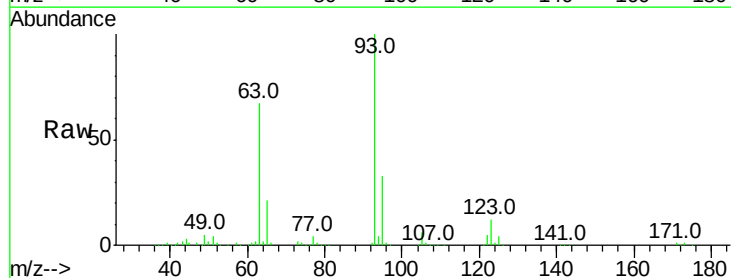
Tgt Ion: 93 Resp: 687672

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

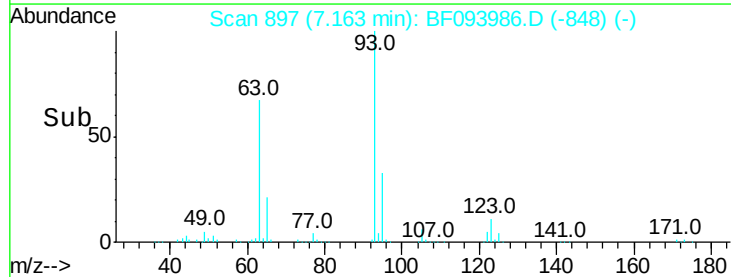
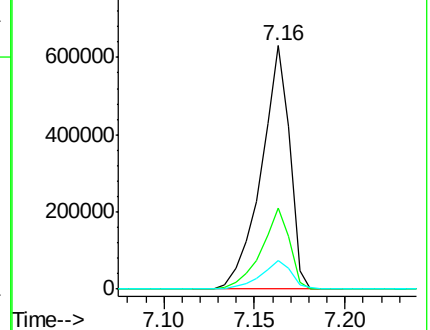
123 11.5 9.0 13.4

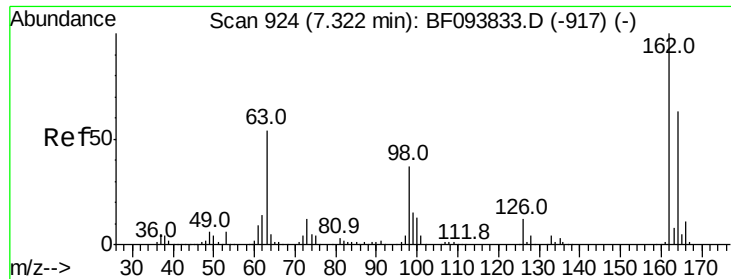


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

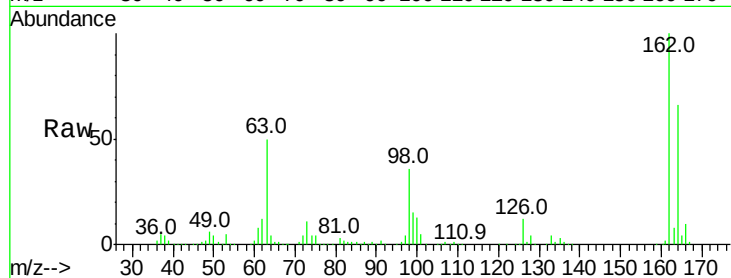




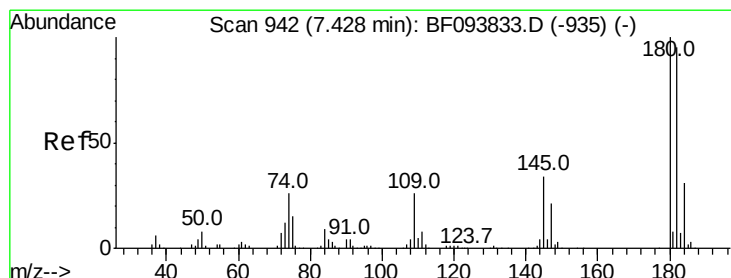
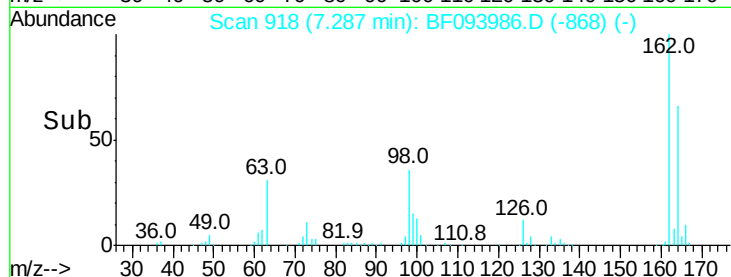
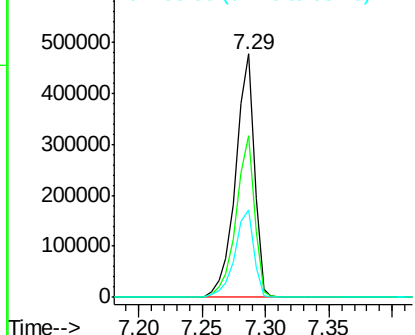
#29
 2,4-Dichlorophenol
 Concen: 52.66 ng
 RT: 7.29 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	44.6	84.6
98	35.8	14.8	54.8

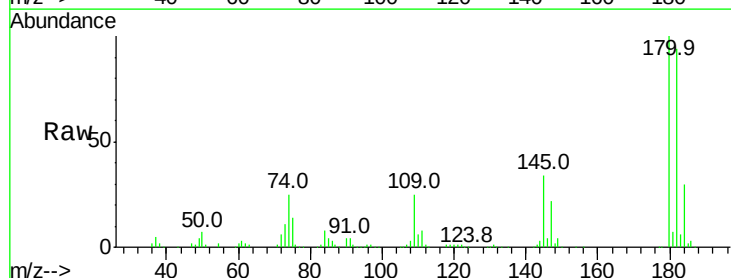


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

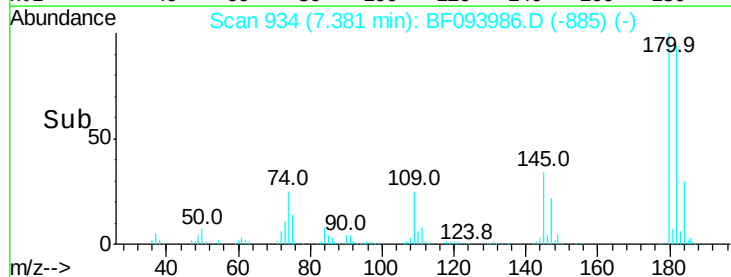
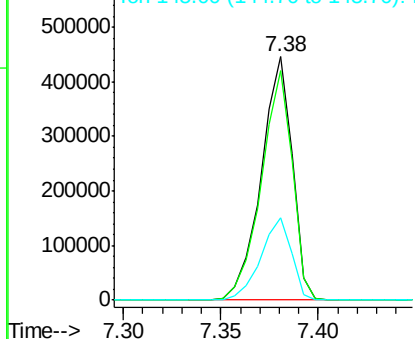


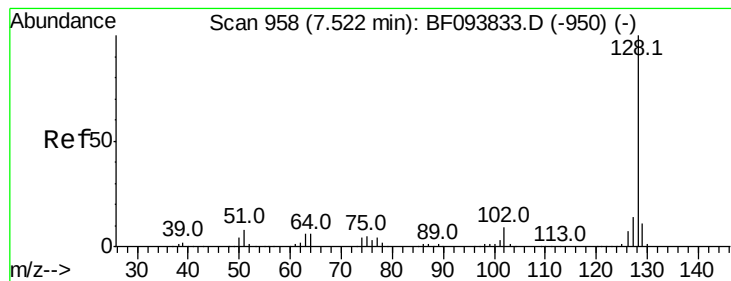
#30
 1,2,4-Trichlorobenzene
 Concen: 51.52 ng
 RT: 7.38 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.8	113.6
145	33.6	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.56 ng

RT: 7.47 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

Instrument :

BNA_F

ClientSampleId :

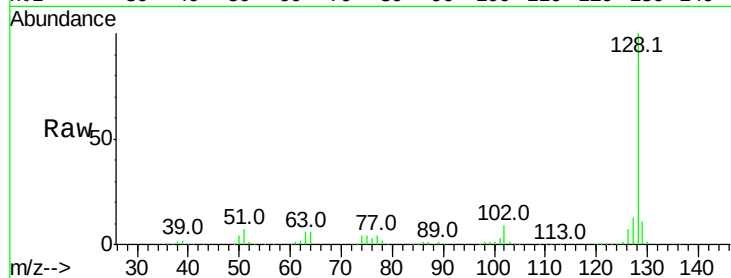
Tot Ion:128 Resp: 1625652

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

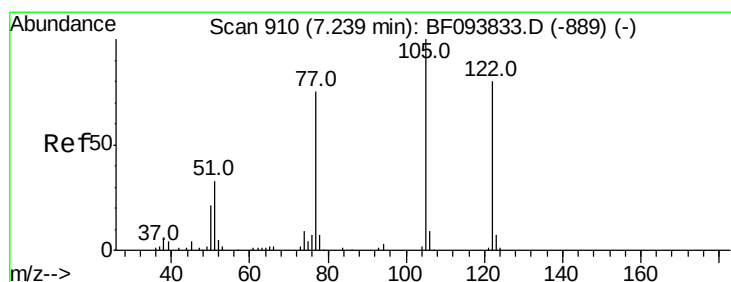
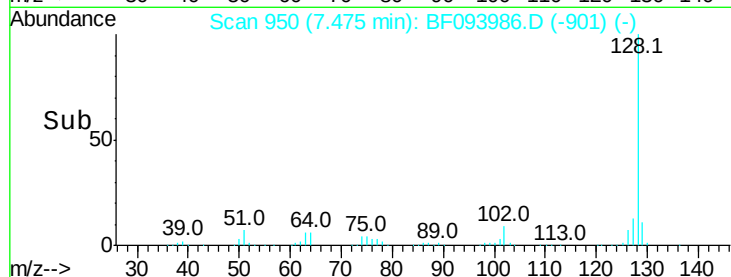
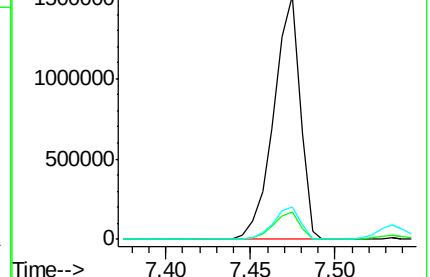
127 13.5 10.8 16.2



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: 18.09 ng

RT: 7.17 min Scan# 899

Delta R.T. -0.04 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

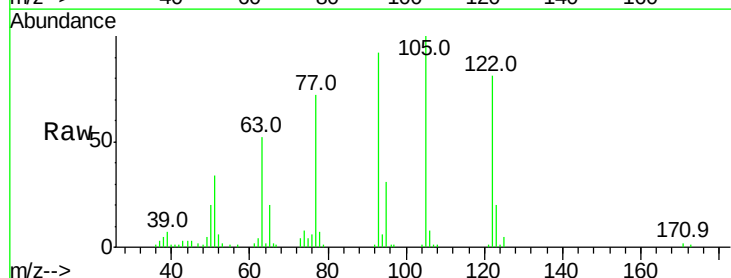
Tgt Ion:122 Resp: 119044

Ion Ratio Lower Upper

122 100

105 124.0 103.3 143.3

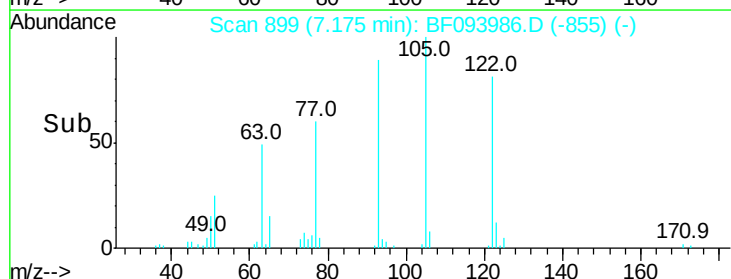
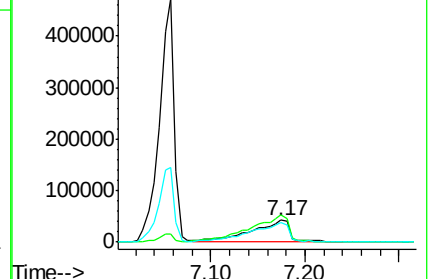
77 89.2 73.7 113.7

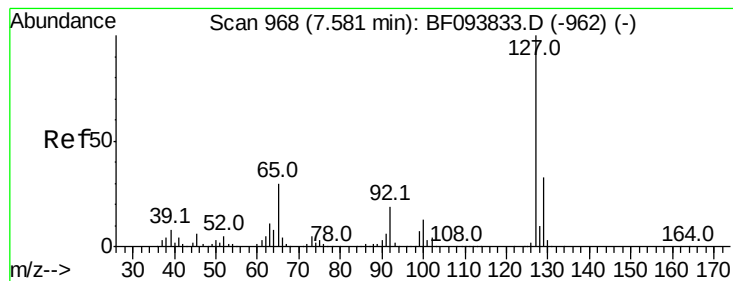


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 9.48 ng

RT: 7.53 min Scan# 960

Delta R.T. -0.02 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 128636

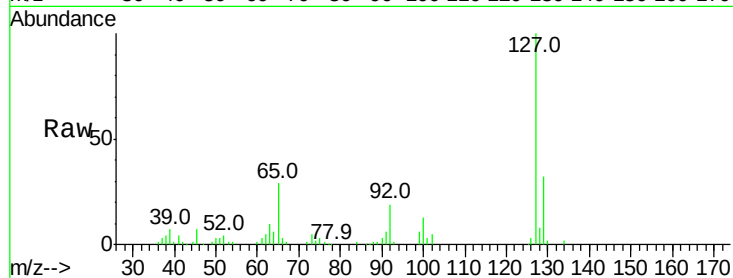
Ion Ratio Lower Upper

127 100

129 32.1 26.2 39.2

65 29.3 27.8 41.8

92 19.3 16.8 25.2

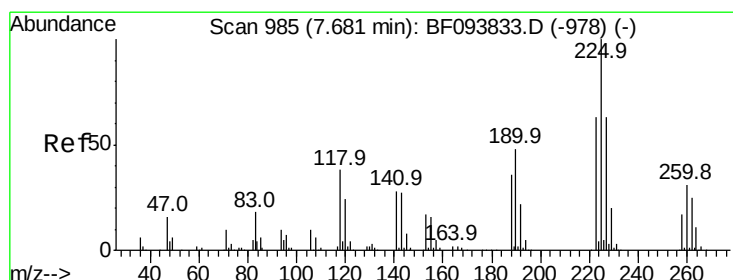
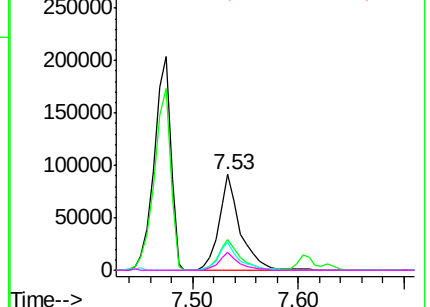
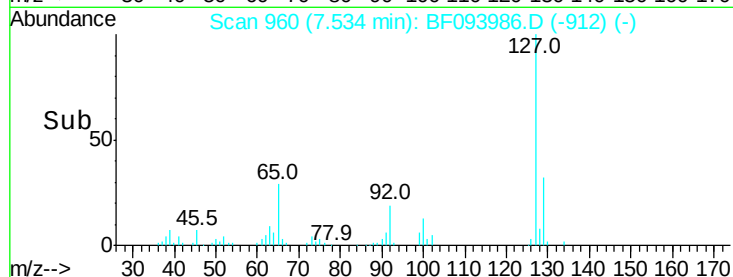


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 50.03 ng

RT: 7.63 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

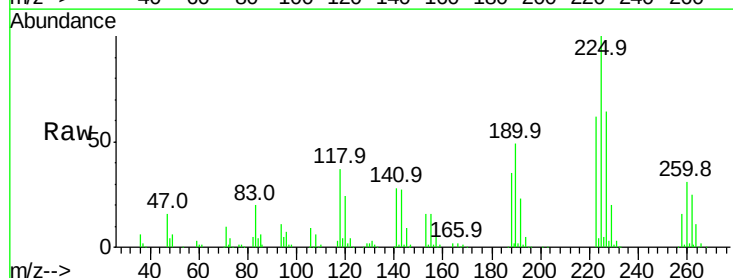
Tgt Ion:225 Resp: 244278

Ion Ratio Lower Upper

225 100

223 62.0 48.8 73.2

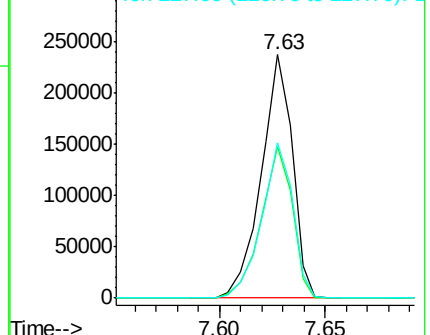
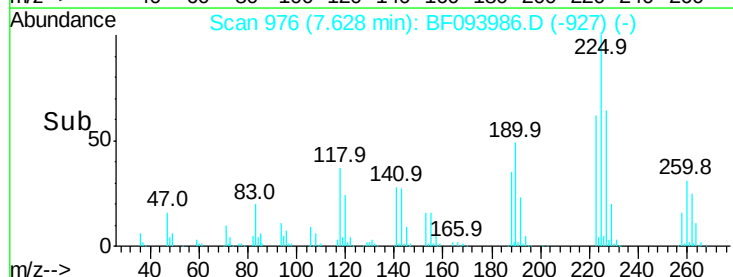
227 64.0 51.1 76.7

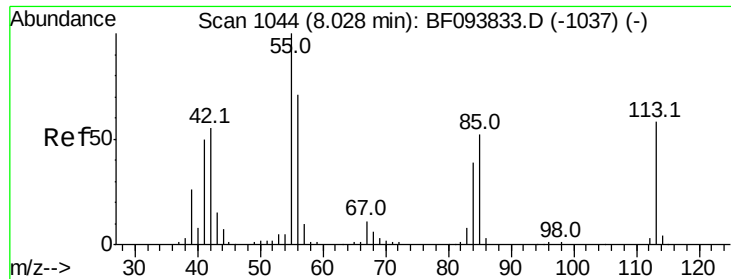


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

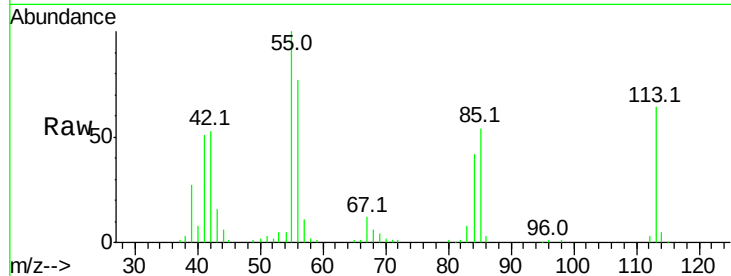




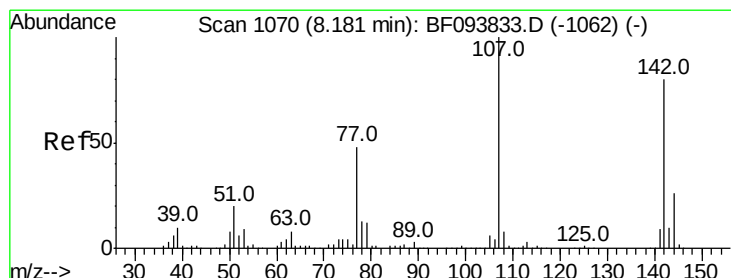
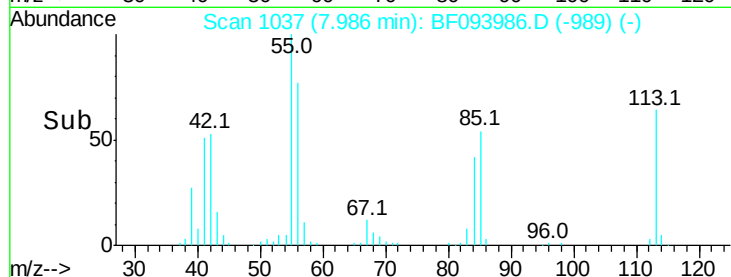
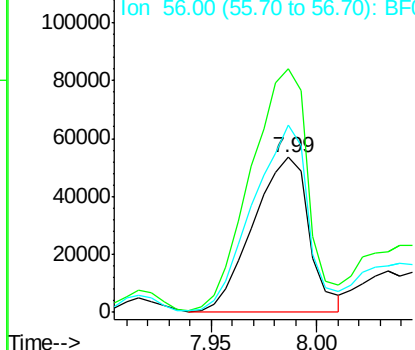
#35
 Caprolactam
 Concen: 33.61 ng
 RT: 7.99 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 99070
 Ion Ratio Lower Upper
 113 100
 55 157.3 150.2 190.2
 56 121.0 107.8 147.8

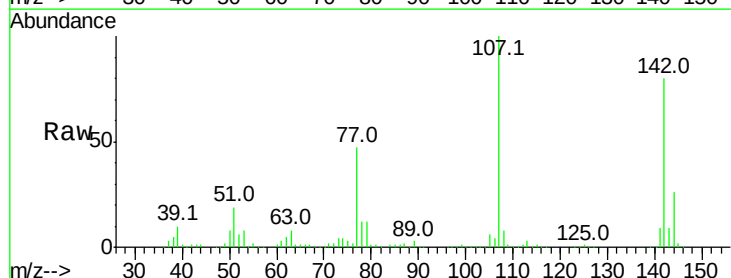


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

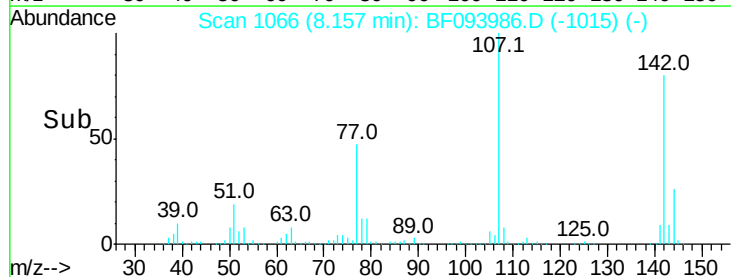
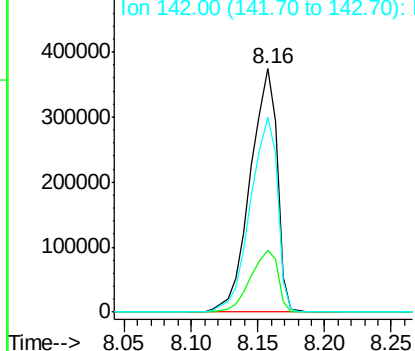


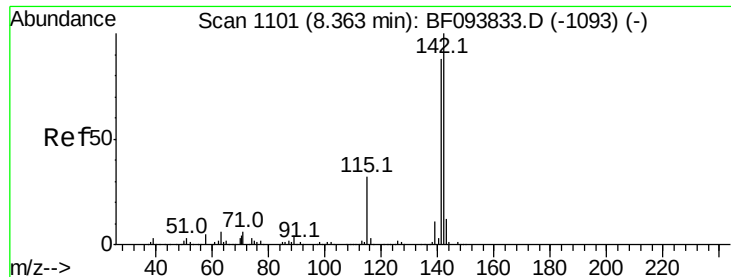
#36
 4-Chloro-3-methylphenol
 Concen: 53.62 ng
 RT: 8.16 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

Tgt Ion:107 Resp: 517942
 Ion Ratio Lower Upper
 107 100
 144 25.6 24.2 36.4
 142 80.3 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

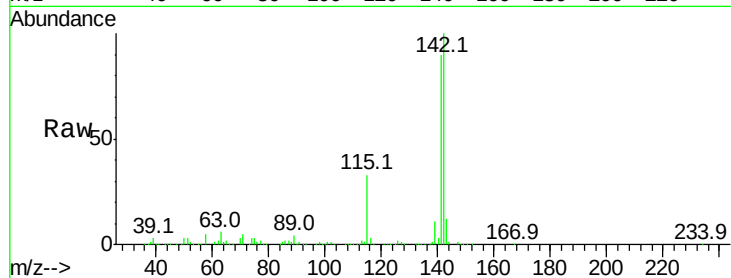




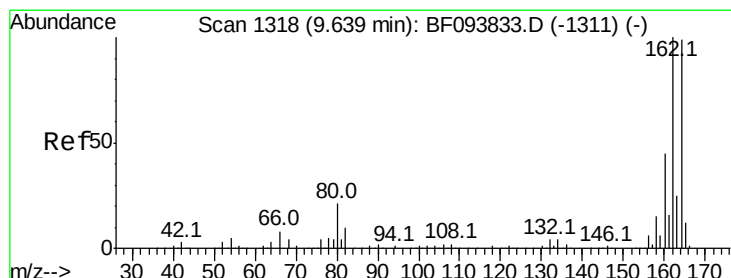
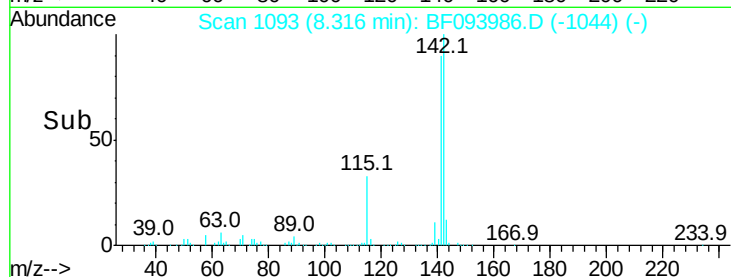
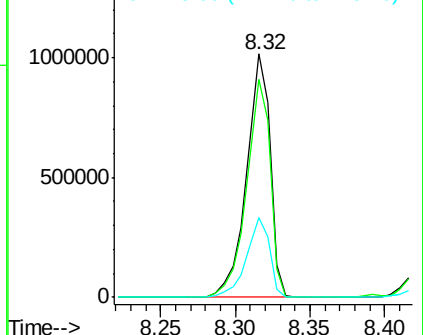
#37
2-Methylnaphthalene
Concen: 49.42 ng
RT: 8.32 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 1102841
Ion Ratio Lower Upper
142 100
141 89.8 71.3 106.9
115 32.9 27.1 40.7

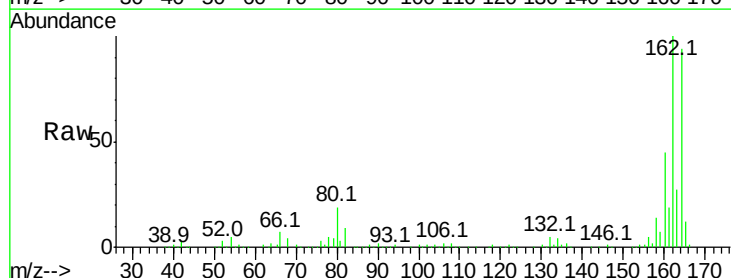


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

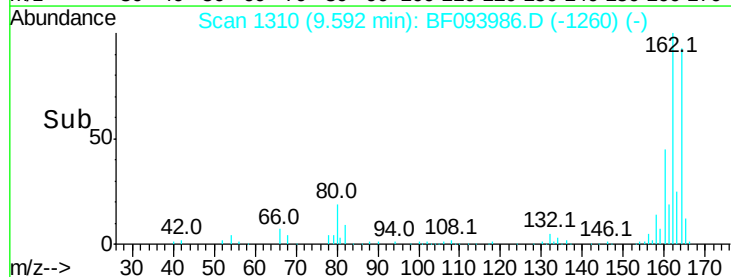
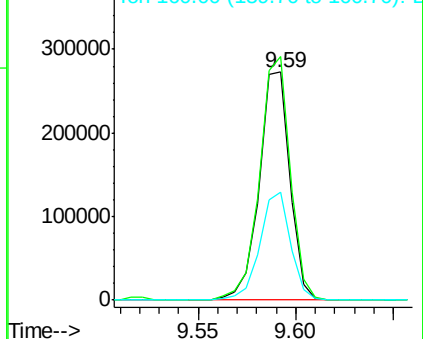


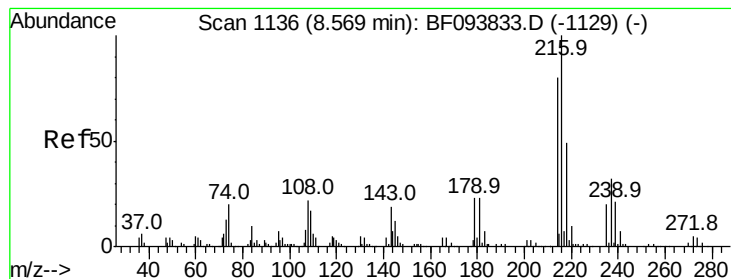
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

Tgt Ion:164 Resp: 297361
Ion Ratio Lower Upper
164 100
162 106.9 82.6 123.8
160 47.7 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: 50.94 ng

RT: 8.52 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 414374

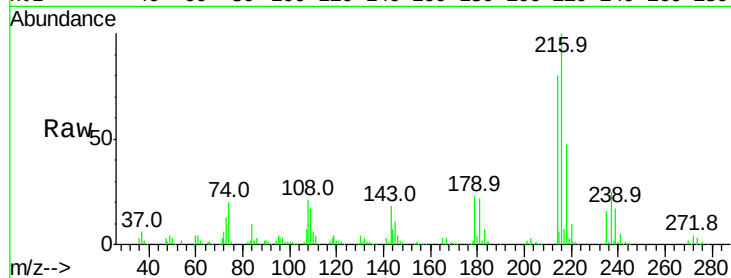
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.2

179 22.0 17.9 26.9

108 21.0 16.5 24.7

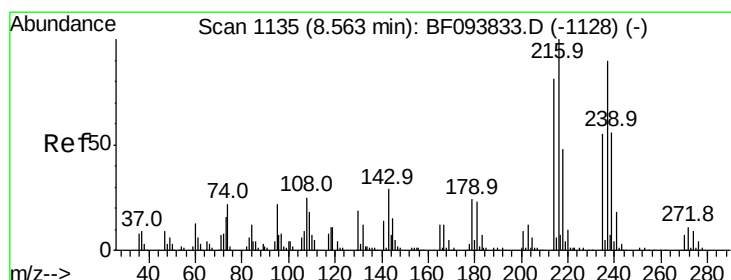
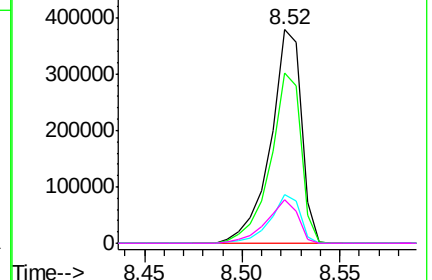
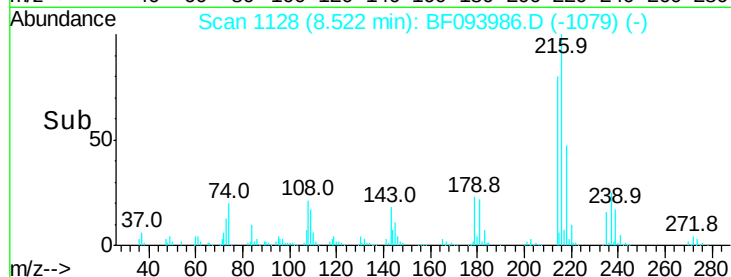


Abundance Ion 216.00 (215.70 to 216.70): E

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: 67.10 ng

RT: 8.52 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

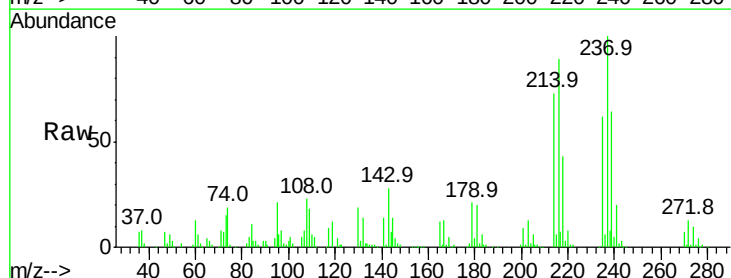
Tgt Ion:237 Resp: 255423

Ion Ratio Lower Upper

237 100

235 61.8 42.6 82.6

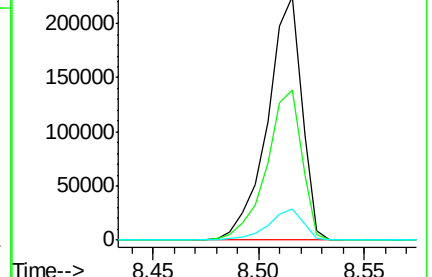
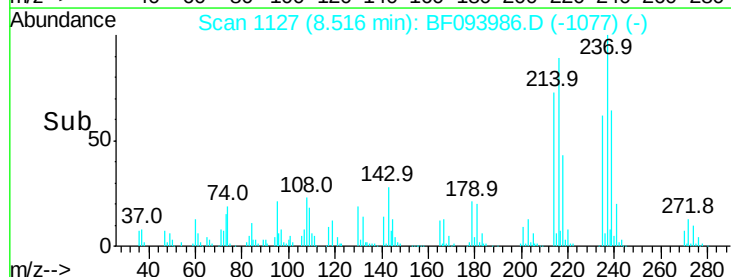
272 12.7 0.0 31.9

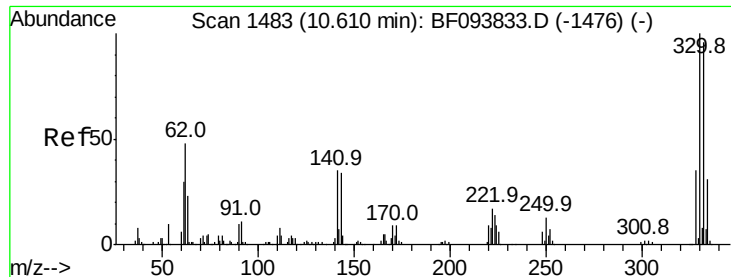


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

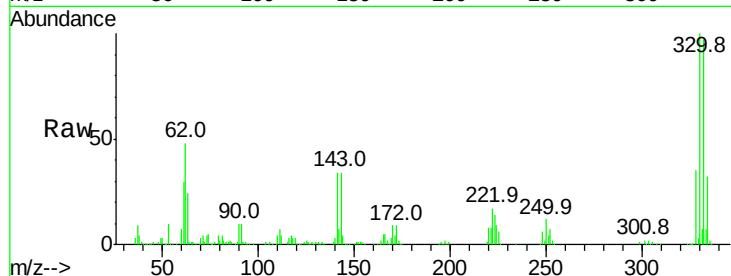




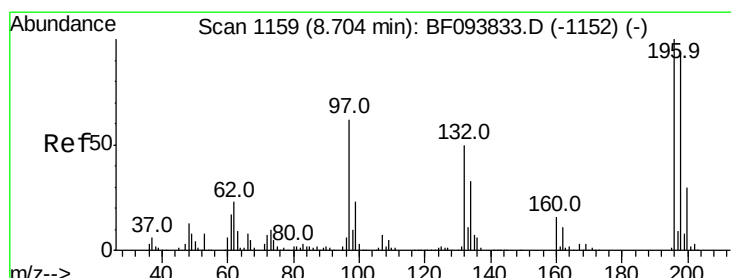
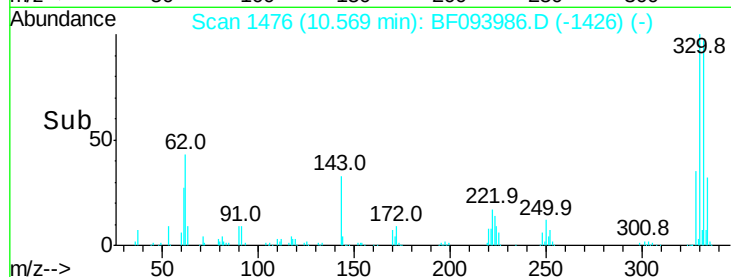
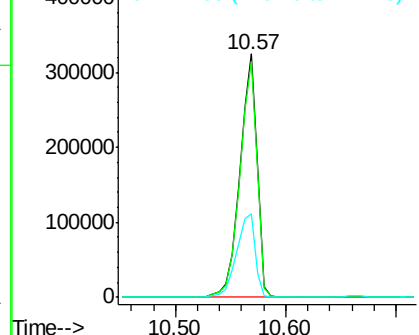
#41
 2,4,6-Tribromophenol
 Concen: 150.77 ng
 RT: 10.57 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	37.9	31.4	47.2

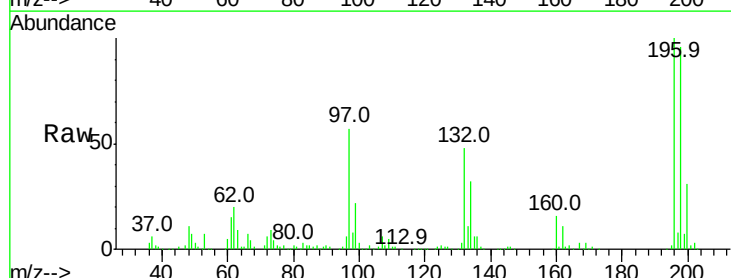


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

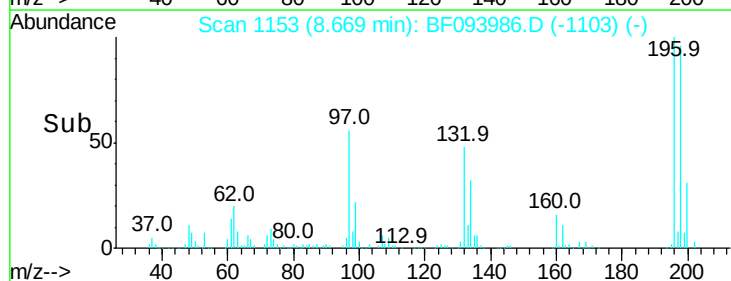
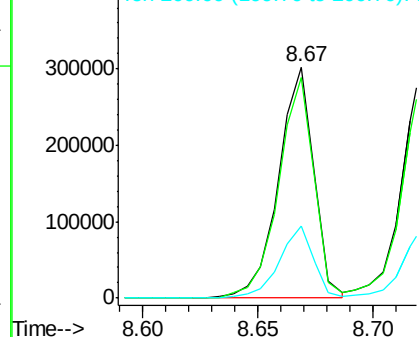


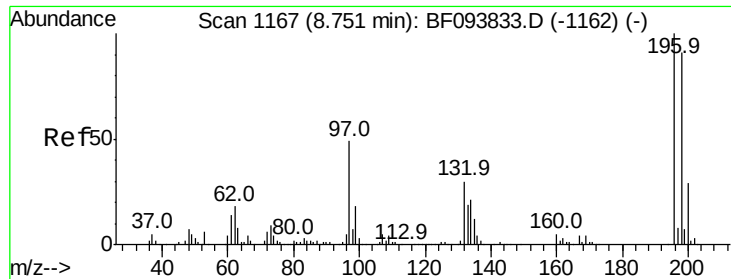
#42
 2,4,6-Trichlorophenol
 Concen: 55.57 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	74.2	111.4
200	31.0	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

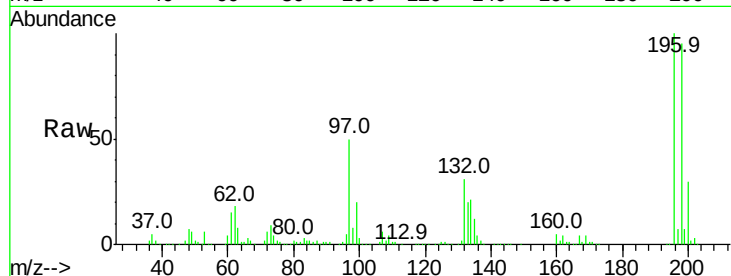




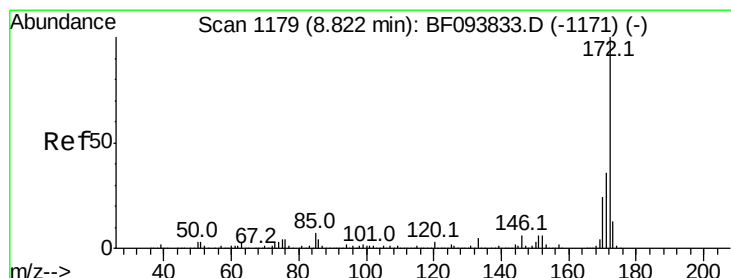
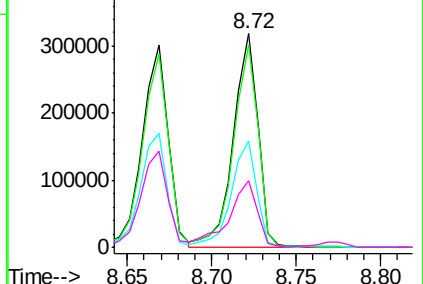
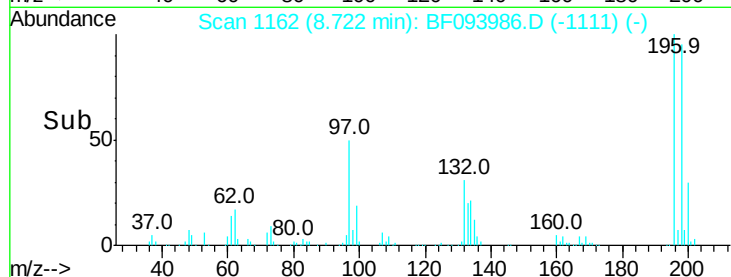
#43
 2,4,5-Trichlorophenol
 Concen: 51.61 ng
 RT: 8.72 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	321381
Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.7	113.5
97	50.0	47.7	71.5
132	31.5	28.0	42.0

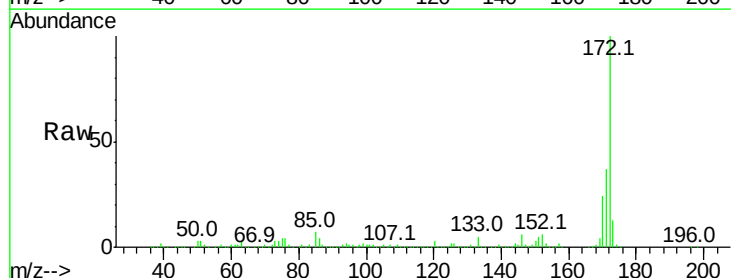


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

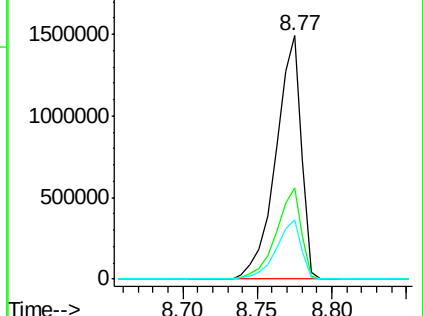
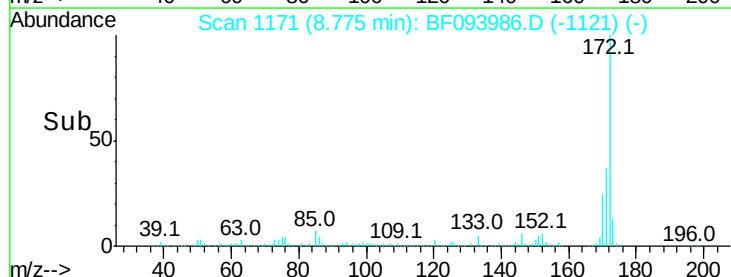


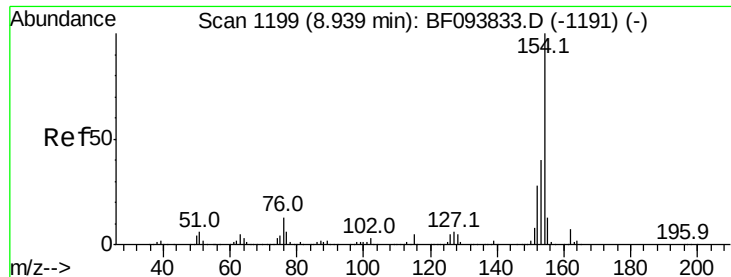
#44
 2-Fluorobiphenyl
 Concen: 91.23 ng
 RT: 8.77 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

Tgt Ion:	172	Resp:	1778513
Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.6	44.4
170	24.5	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

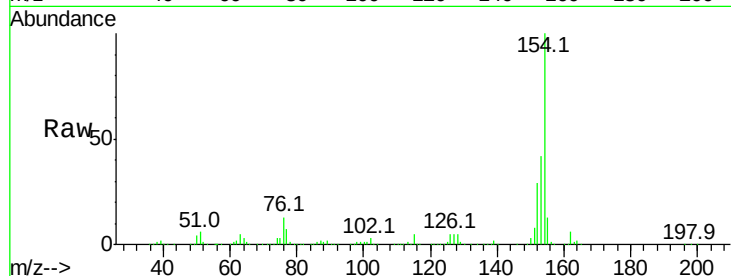




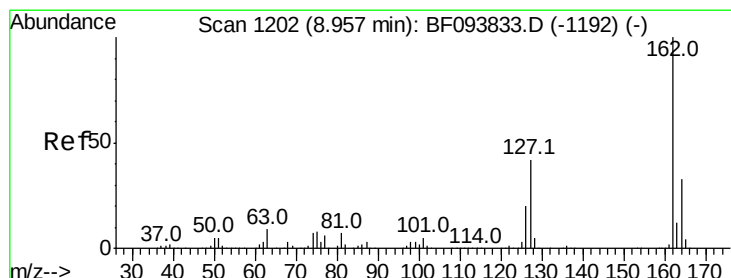
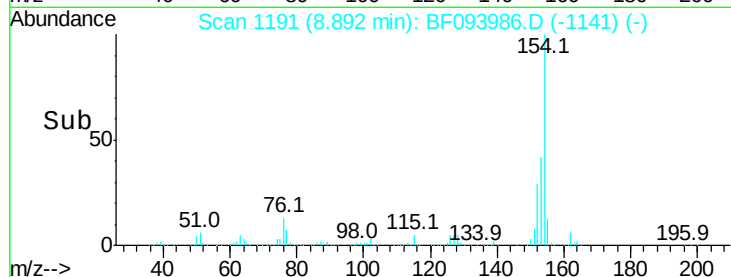
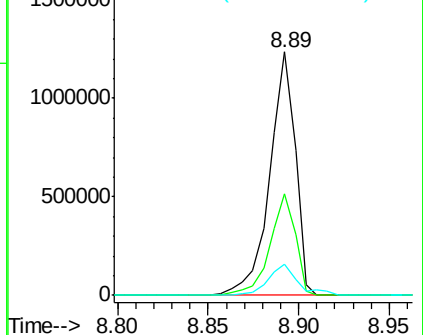
#45
 1,1'-Biphenyl
 Concen: 50.46 ng
 RT: 8.89 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1210296
 Ion Ratio Lower Upper
 154 100
 153 41.6 21.2 61.2
 76 12.8 0.0 29.9

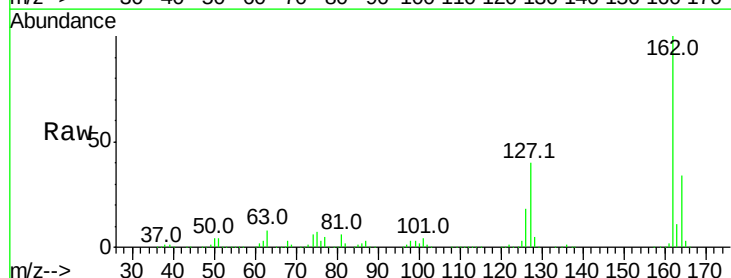


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): E

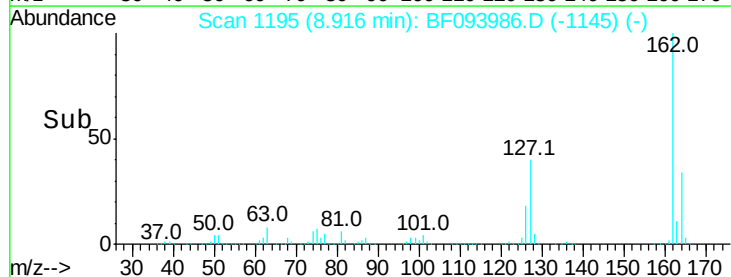
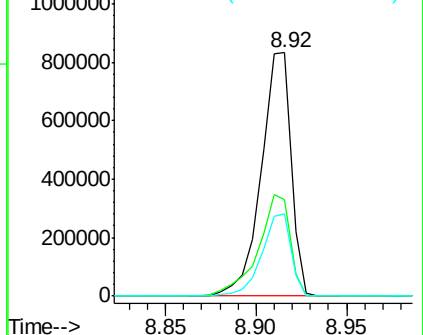


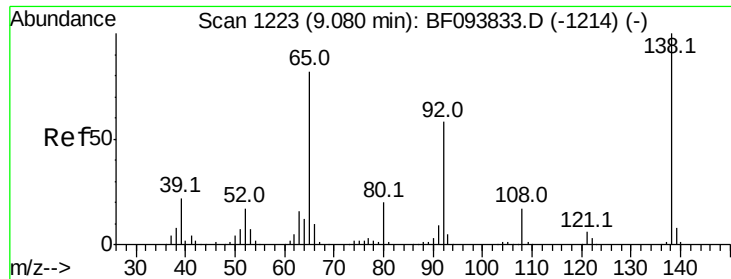
#46
 2-Chloronaphthalene
 Concen: 51.11 ng
 RT: 8.92 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

Tgt Ion:162 Resp: 959688
 Ion Ratio Lower Upper
 162 100
 127 39.7 28.3 42.5
 164 33.6 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

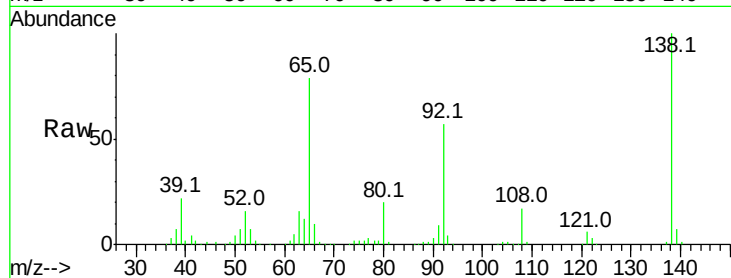




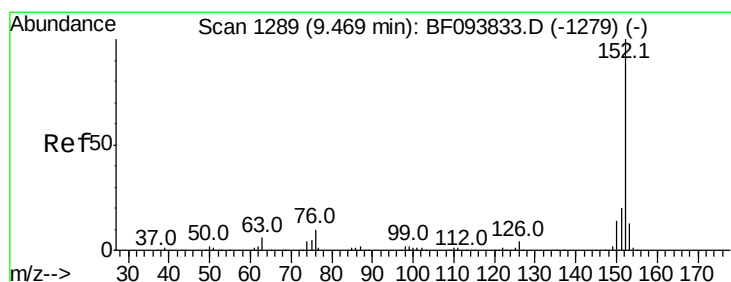
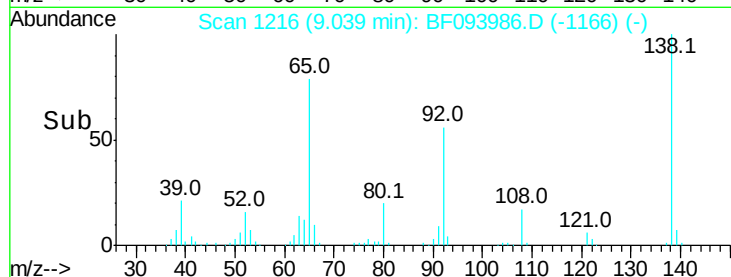
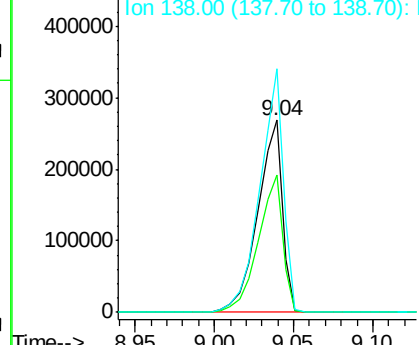
#47
2-Nitroaniline
Concen: 52.24 ng
RT: 9.04 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 290985
Ion Ratio Lower Upper
65 100
92 71.7 53.9 80.9
138 126.7 78.8 118.2#

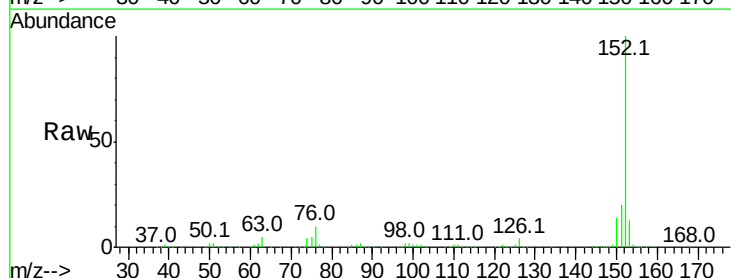


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

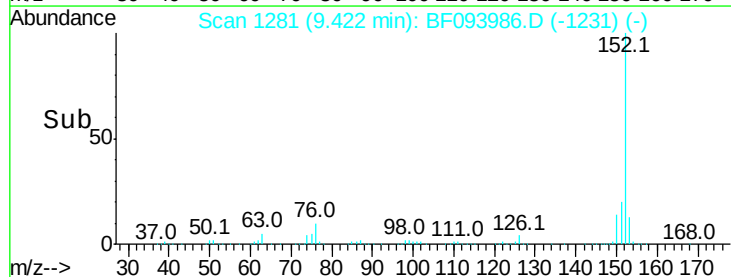
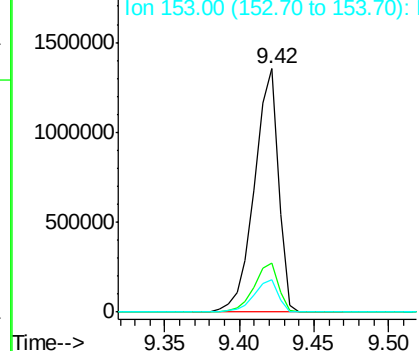


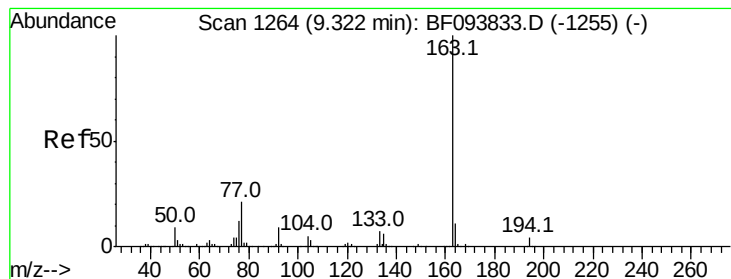
#48
Acenaphthylene
Concen: 47.96 ng
RT: 9.42 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

Tgt Ion:152 Resp: 1496382
Ion Ratio Lower Upper
152 100
151 20.2 16.8 25.2
153 13.1 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: 57.80 ng

RT: 9.28 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

Instrument :

BNA_F

ClientSampleId :

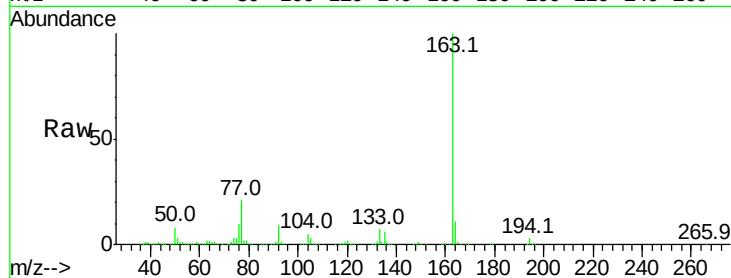
Tot Ion:163 Resp: 1221823

Ion Ratio Lower Upper

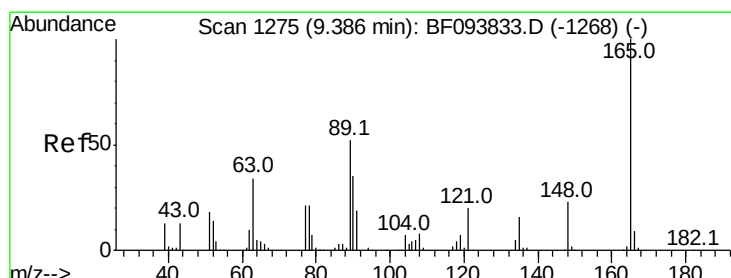
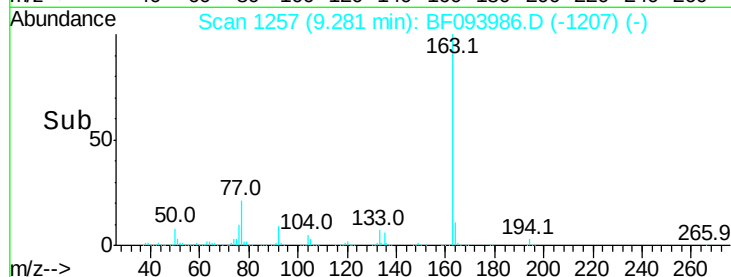
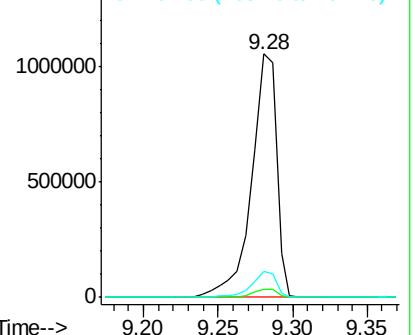
163 100

194 3.4 2.6 4.0

164 10.5 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 52.33 ng

RT: 9.35 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

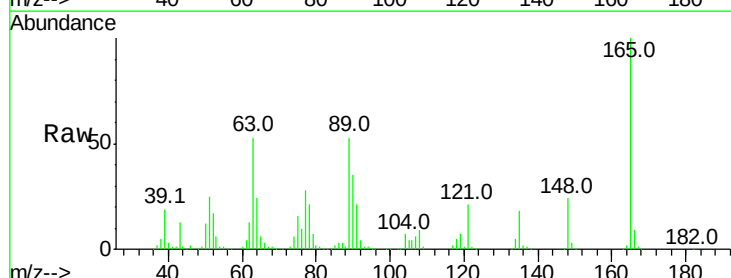
Tgt Ion:165 Resp: 253590

Ion Ratio Lower Upper

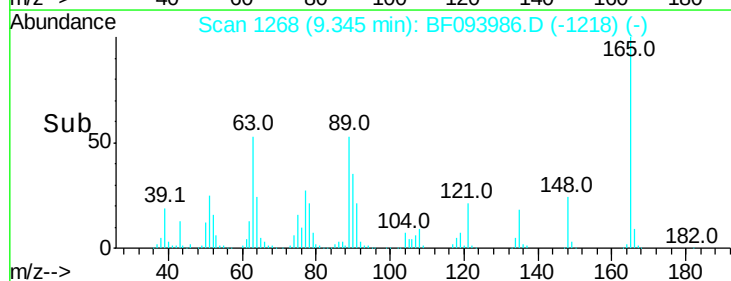
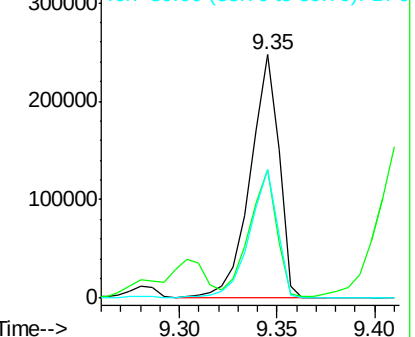
165 100

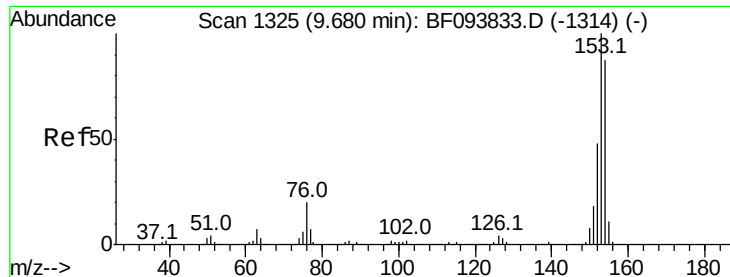
63 52.7 34.3 51.5#

89 52.5 37.1 55.7



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





#51

Acenaphthene

Concen: 49.01 ng

RT: 9.63 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

Instrument :

BNA_F

ClientSampleId :

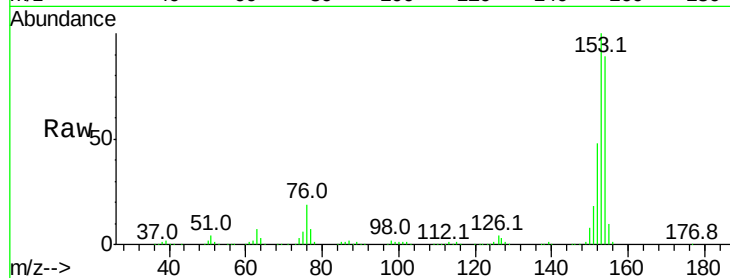
Tot Ion:154 Resp: 892297

Ion Ratio Lower Upper

154 100

153 112.5 90.5 135.7

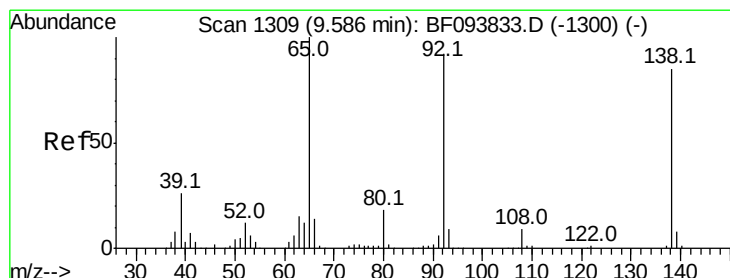
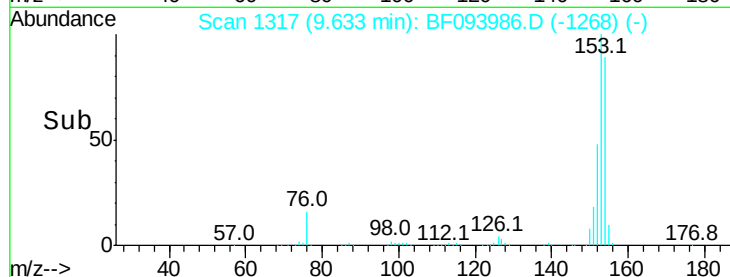
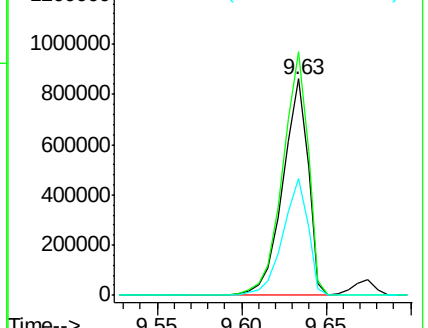
152 53.9 43.6 65.4



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: 24.53 ng

RT: 9.54 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

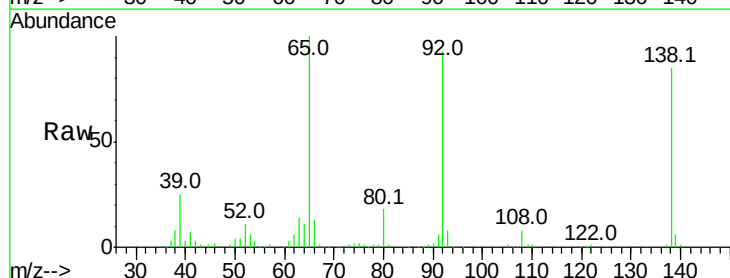
Tgt Ion:138 Resp: 139568

Ion Ratio Lower Upper

138 100

108 9.9 9.1 13.7

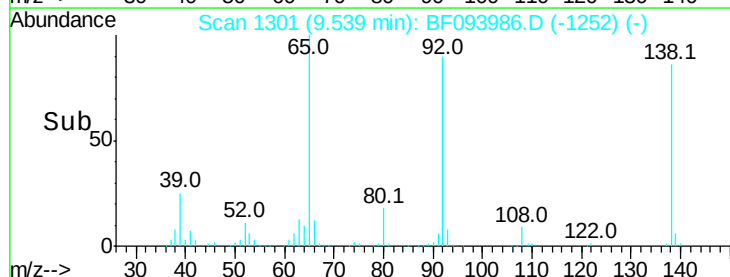
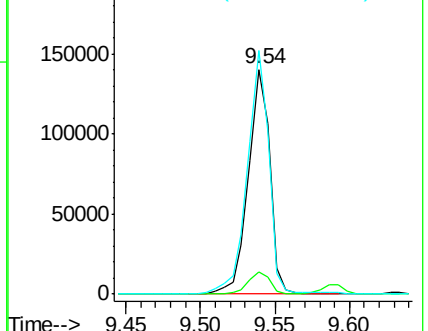
92 108.4 93.8 140.6

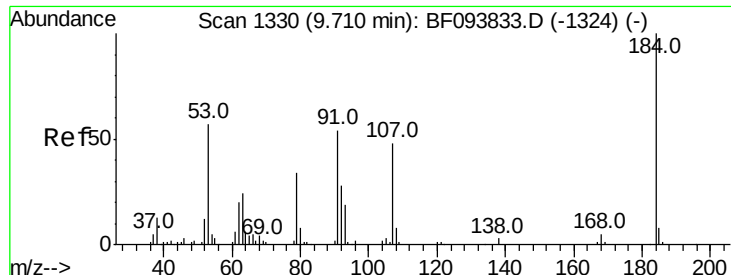


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

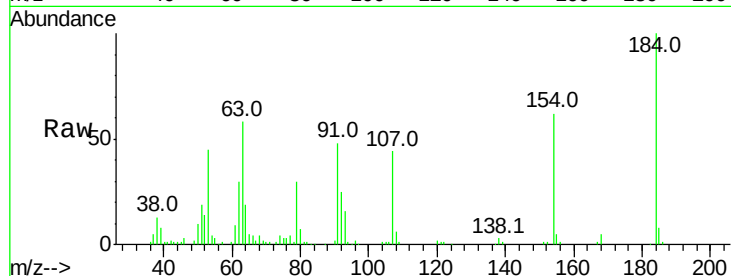




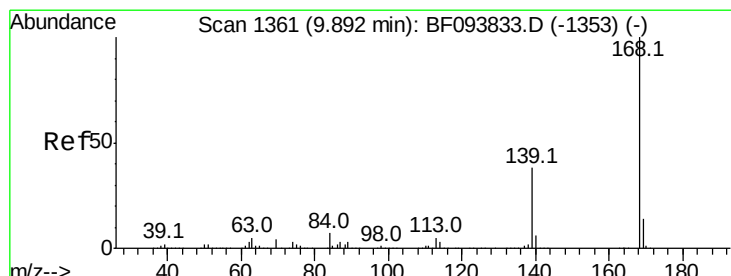
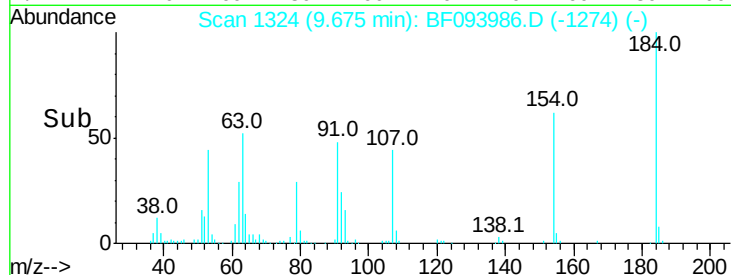
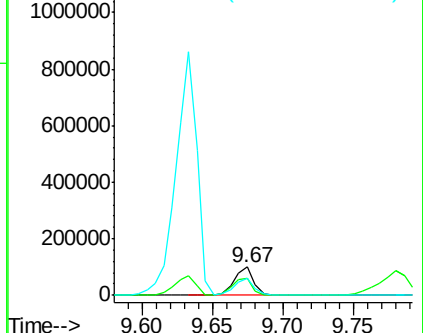
#53
2,4-Dinitrophenol
Concen: 40.42 ng
RT: 9.67 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

Instrument :
BNA_F
ClientSampleID :

Tot Ion:184 Resp: 98451
Ion Ratio Lower Upper
184 100
63 58.5 62.7 94.1#
154 62.2 81.1 121.7#

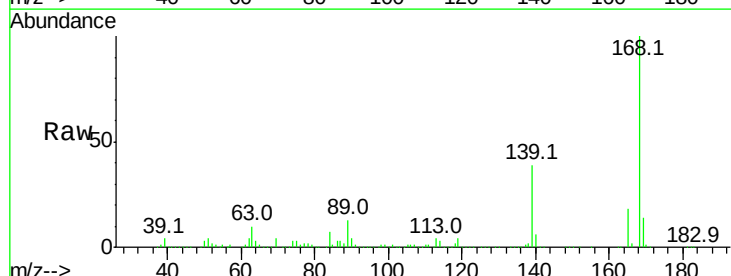


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

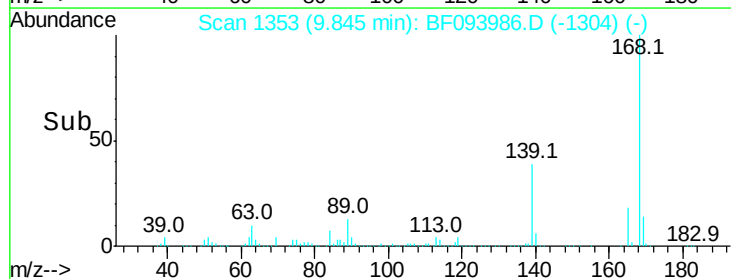
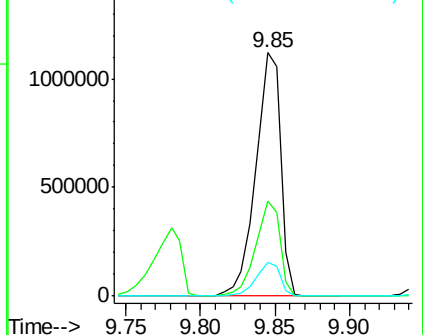


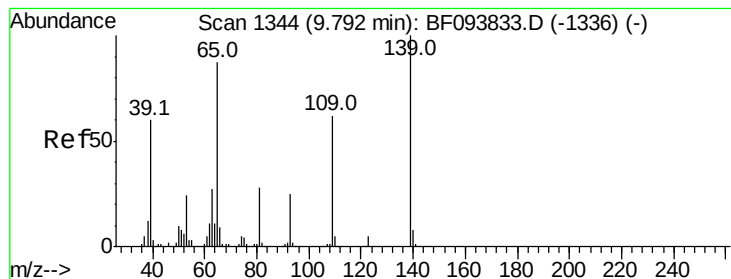
#54
Dibenzofuran
Concen: 51.54 ng
RT: 9.85 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

Tgt Ion:168 Resp: 1277356
Ion Ratio Lower Upper
168 100
139 39.0 30.6 45.8
169 13.9 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: 92.50 ng

RT: 9.78 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

Instrument :

BNA_F

ClientSampled :

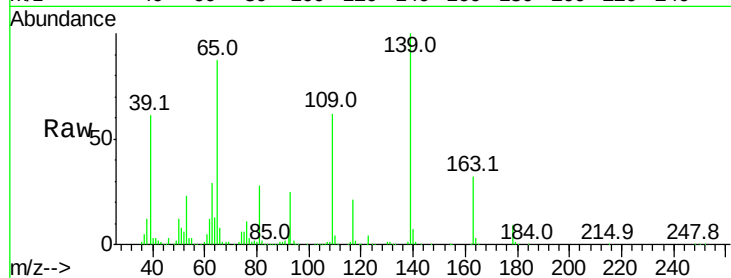
Tot Ion:139 Resp: 412170

Ion Ratio Lower Upper

139 100

109 62.4 34.1 74.1

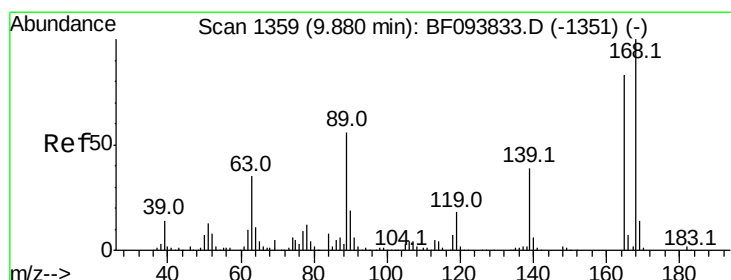
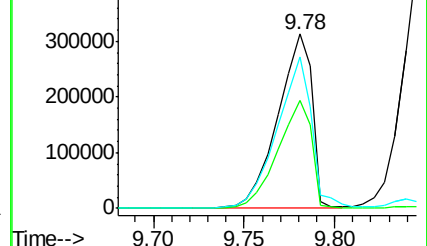
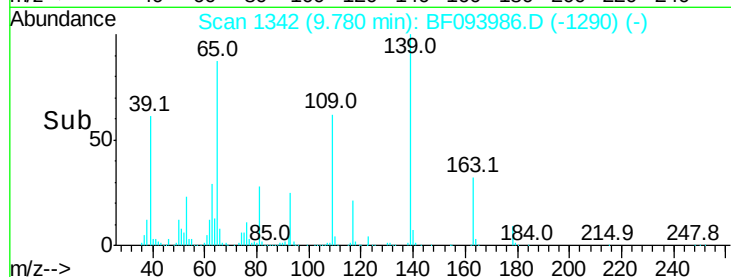
65 87.3 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 50.08 ng

RT: 9.84 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

Tgt Ion:165 Resp: 304822

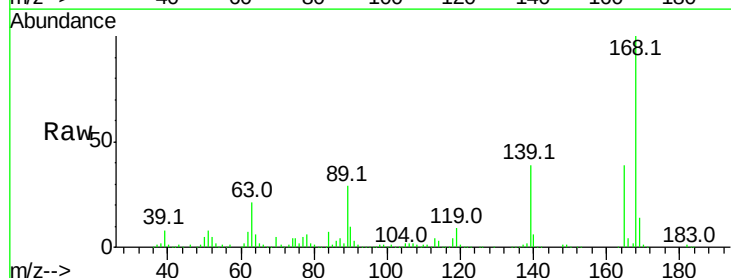
Ion Ratio Lower Upper

165 100

63 53.2 25.4 38.0#

89 73.9 46.4 69.6#

182 2.4 1.8 2.6

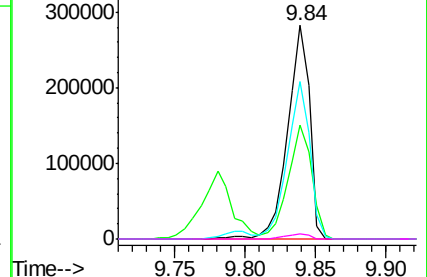
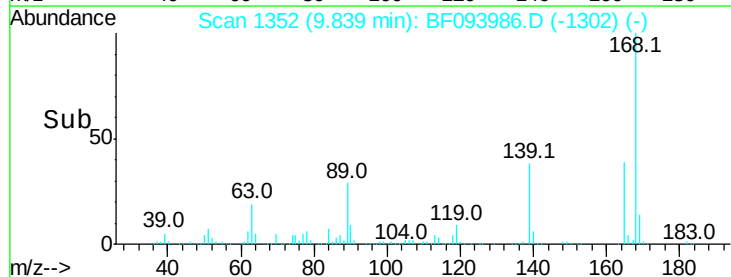


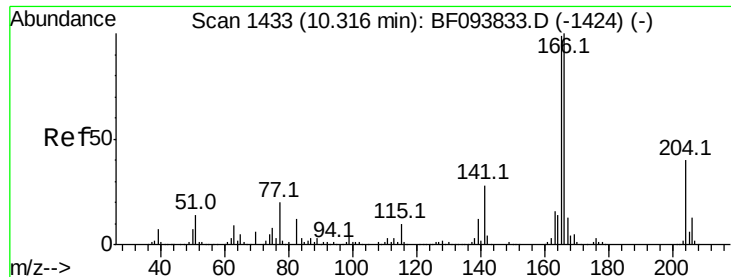
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.16 ng

RT: 10.27 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

Instrument :

BNA_F

ClientSampleId :

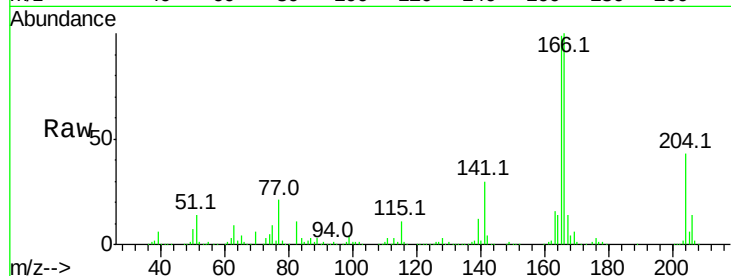
Tot Ion:166 Resp: 928260

Ion Ratio Lower Upper

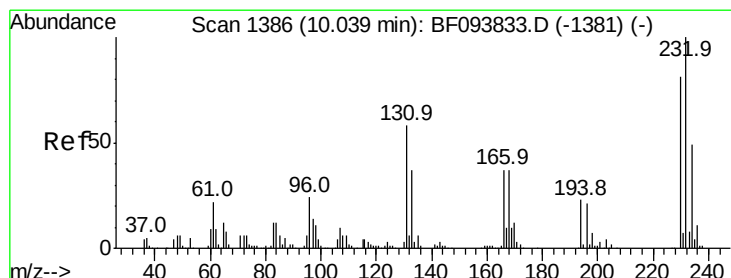
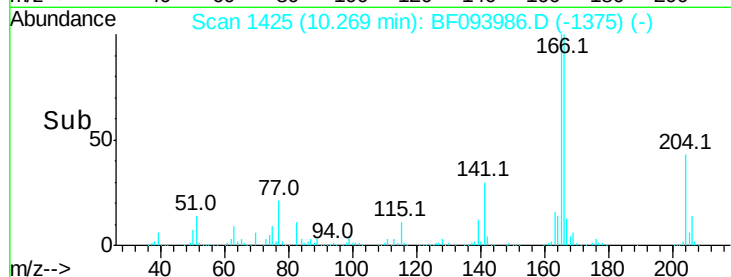
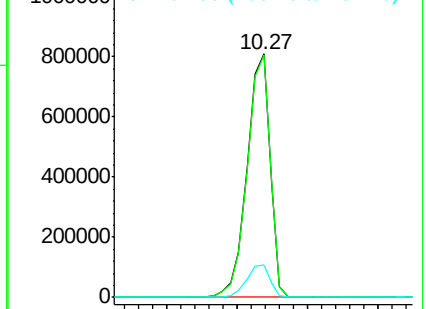
166 100

165 99.4 78.8 118.2

167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.86 ng

RT: 10.00 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

Tgt Ion:232 Resp: 230137

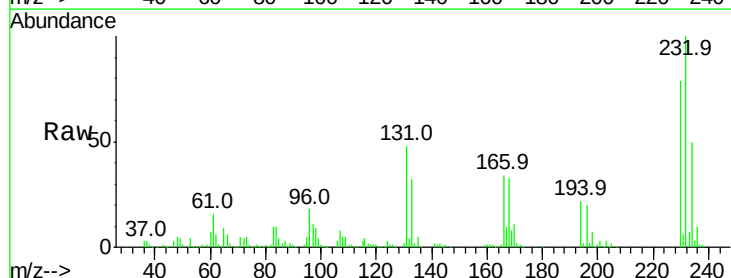
Ion Ratio Lower Upper

232 100

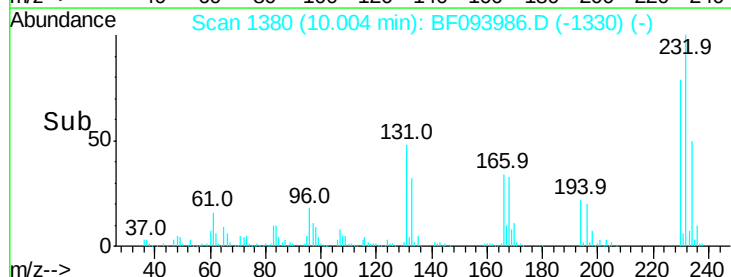
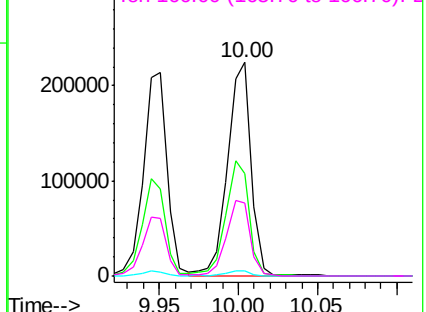
131 54.5 44.8 67.2

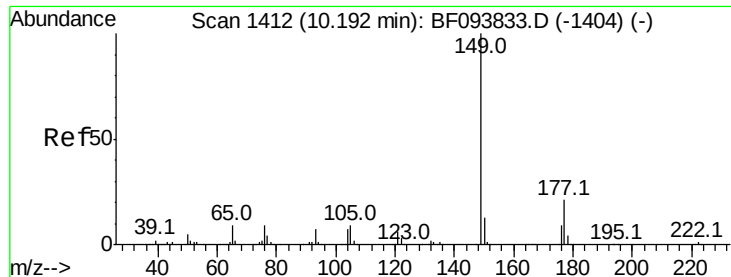
130 2.9 2.3 3.5

166 36.1 29.0 43.4



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

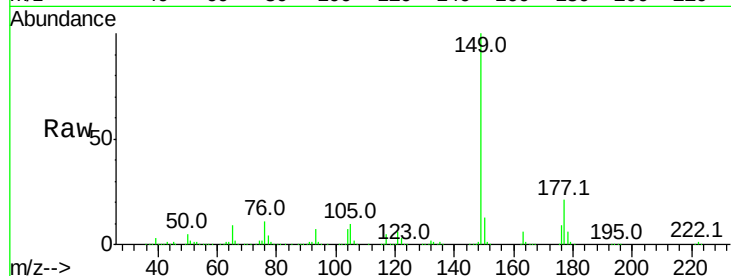




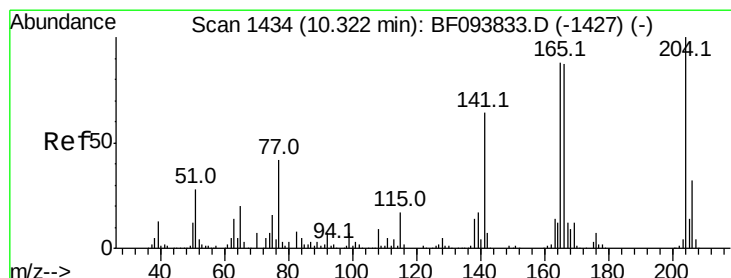
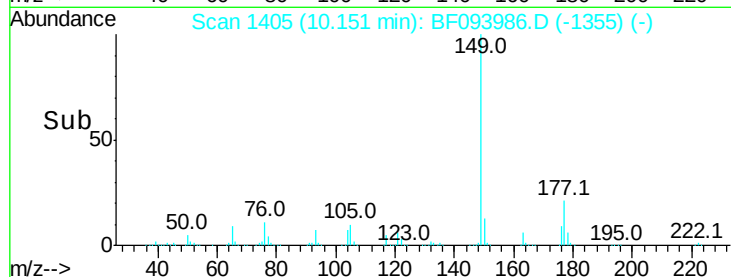
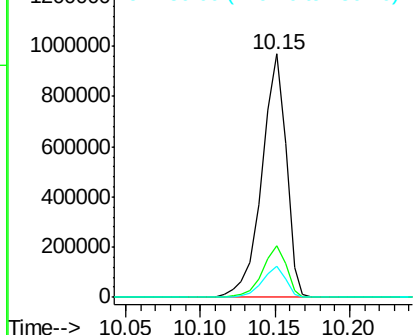
#59
Diethylphthalate
Concen: 52.08 ng
RT: 10.15 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1087964
Ion Ratio Lower Upper
149 100
177 21.4 16.7 25.1
150 12.6 10.2 15.2

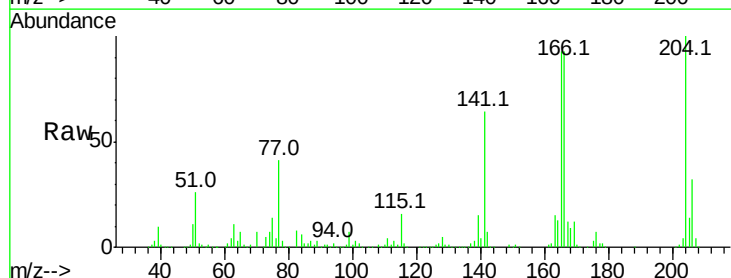


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

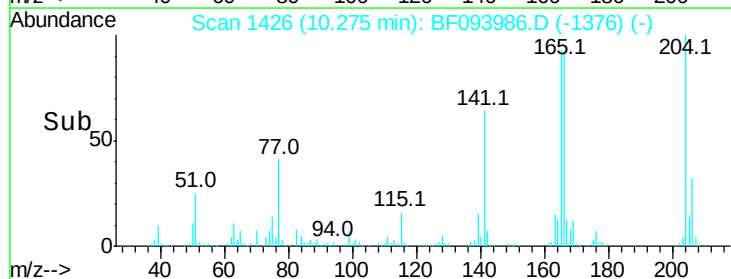
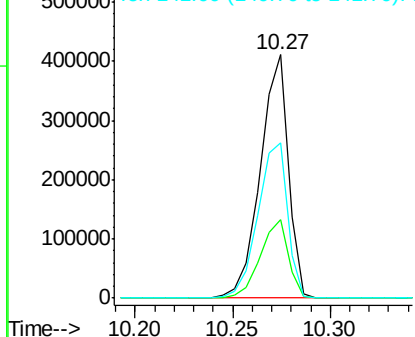


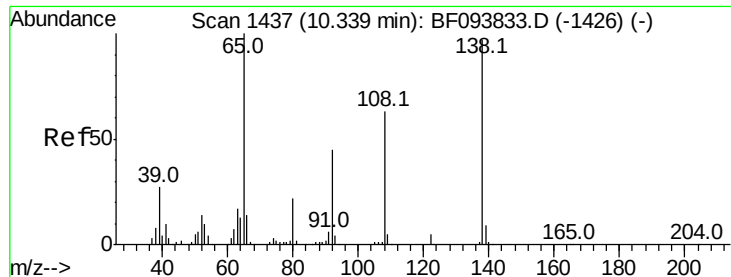
#60
4-Chlorophenyl-phenylether
Concen: 46.76 ng
RT: 10.27 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

Tgt Ion:204 Resp: 409459
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 63.9 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

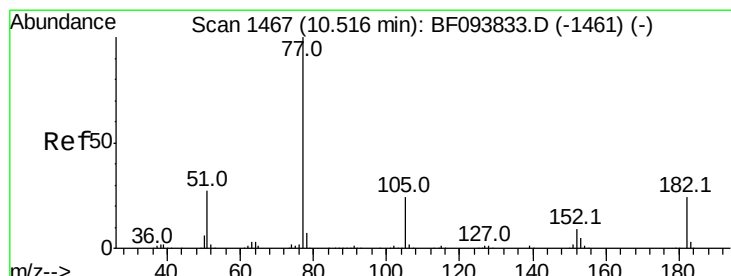
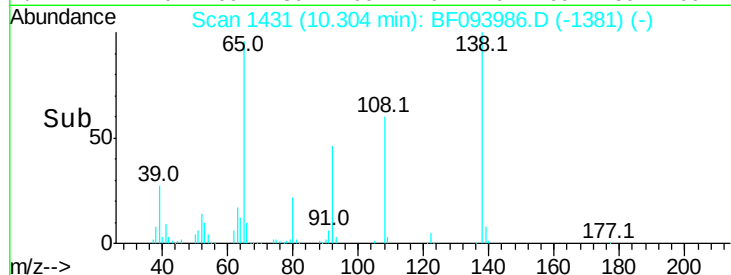
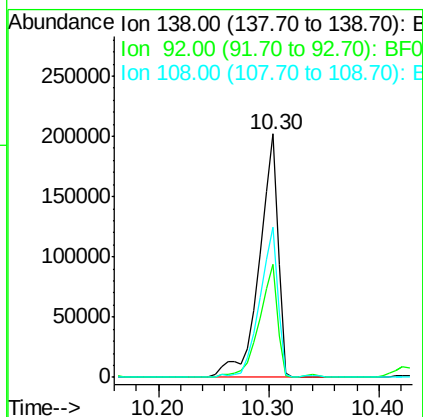
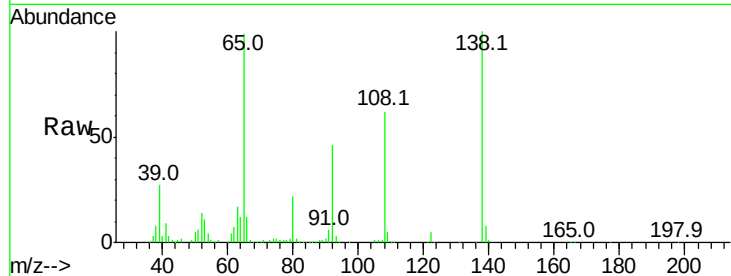




#61
4-Nitroaniline
Concen: 44.49 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

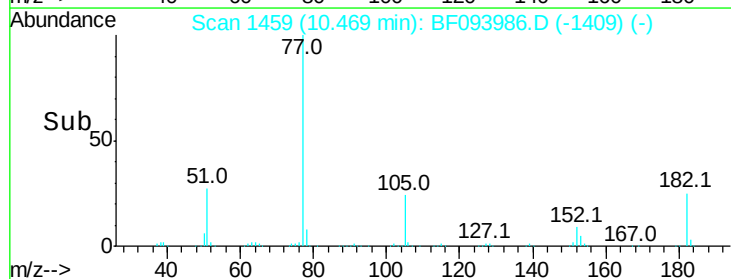
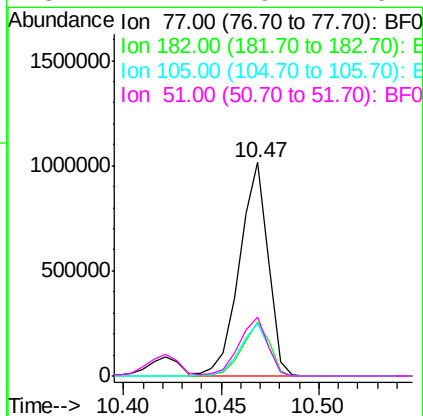
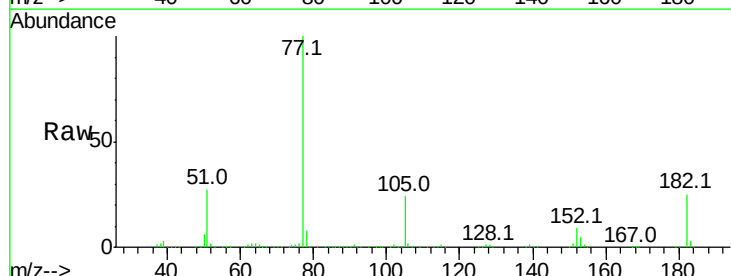
Instrument :
BNA_F
ClientSampleId :

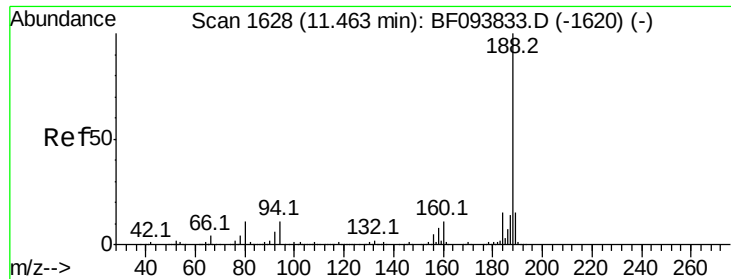
Tot Ion:138 Resp: 242921
Ion Ratio Lower Upper
138 100
92 46.3 21.8 61.8
108 61.6 42.3 82.3



#62
Azobenzene
Concen: 52.19 ng
RT: 10.47 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

Tgt Ion: 77 Resp: 1031371
Ion Ratio Lower Upper
77 100
182 25.0 0.1 40.1
105 24.4 3.6 43.6
51 27.4 9.4 49.4

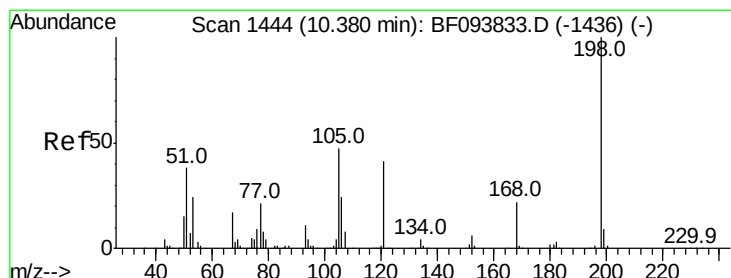
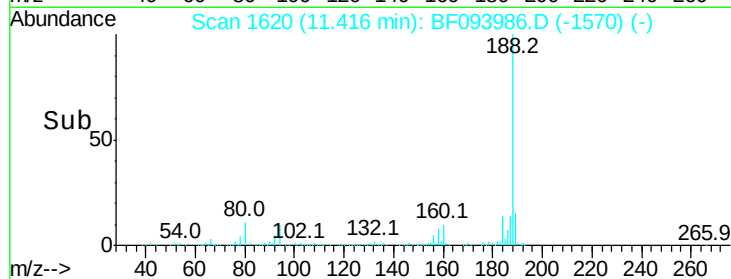
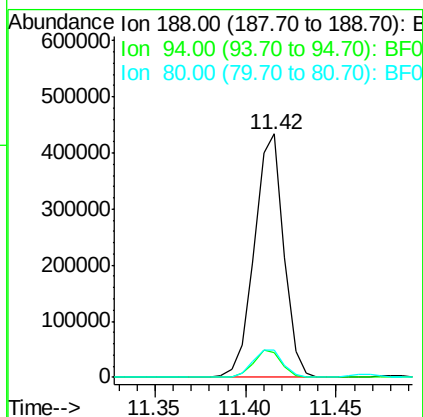
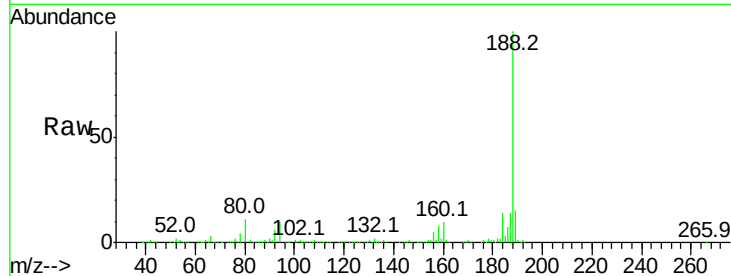




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1620
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

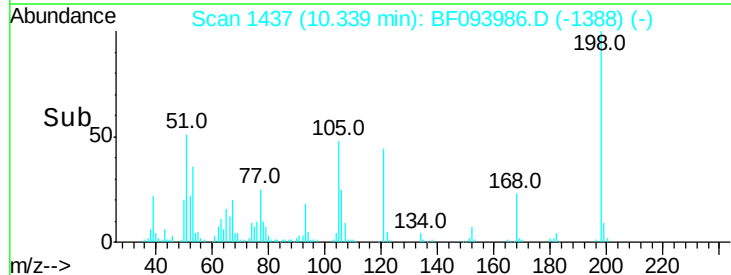
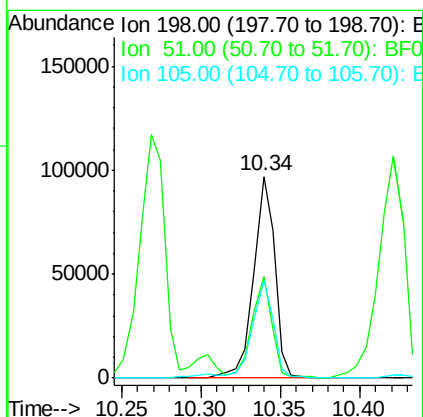
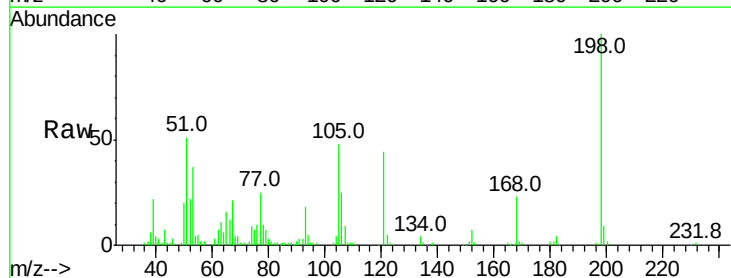
Instrument :
BNA_F
ClientSampled :

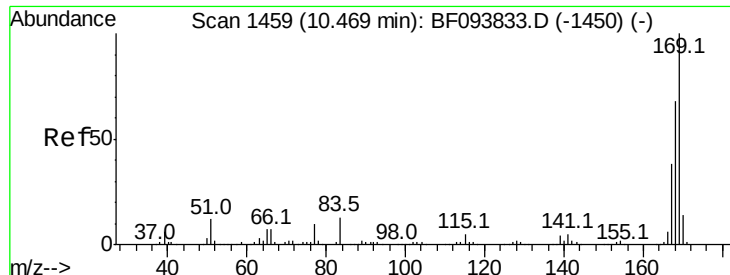
Tot Ion:188 Resp: 488344
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 11.1 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 30.25 ng
RT: 10.34 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

Tgt Ion:198 Resp: 90477
Ion Ratio Lower Upper
198 100
51 50.6 53.2 93.2#
105 48.4 45.8 85.8

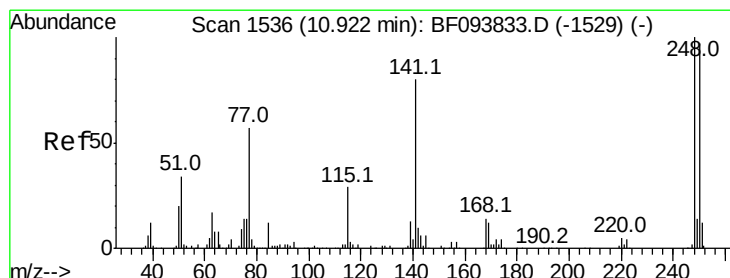
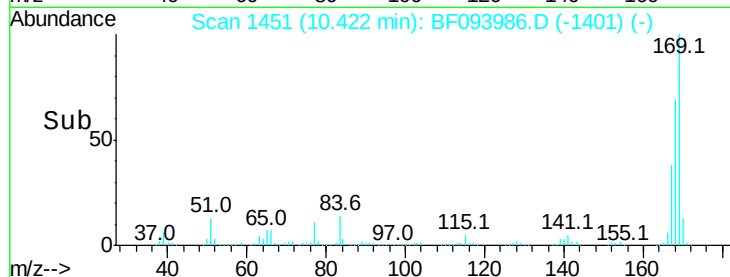
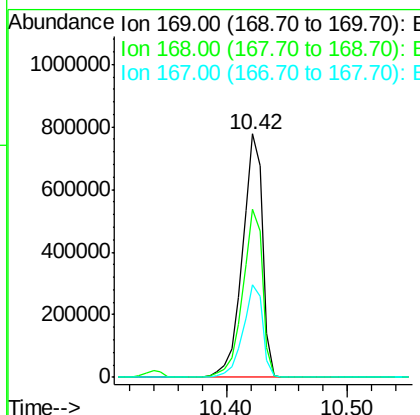
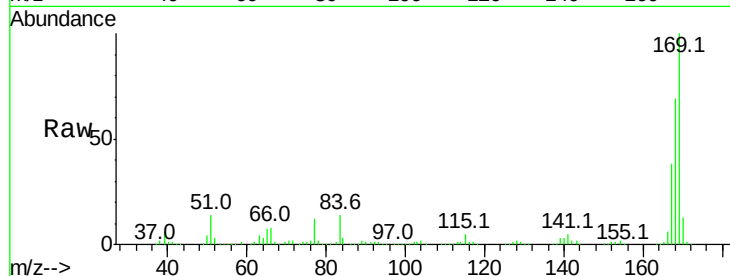




#65
 n-Nitrosodiphenylamine
 Concen: 53.31 ng
 RT: 10.42 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

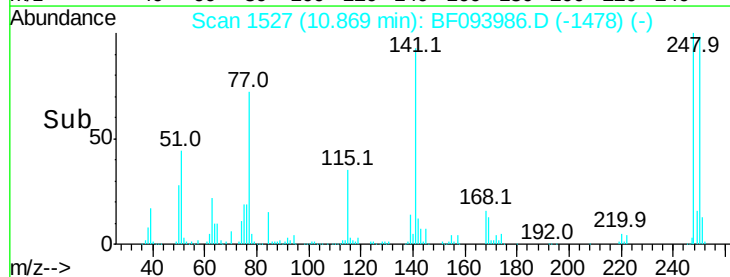
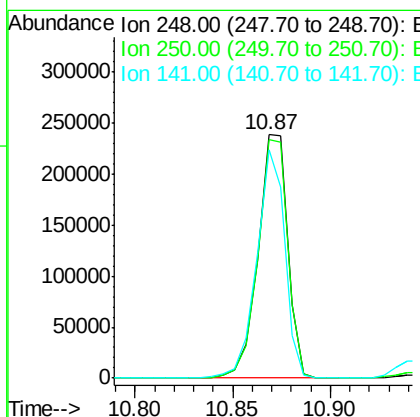
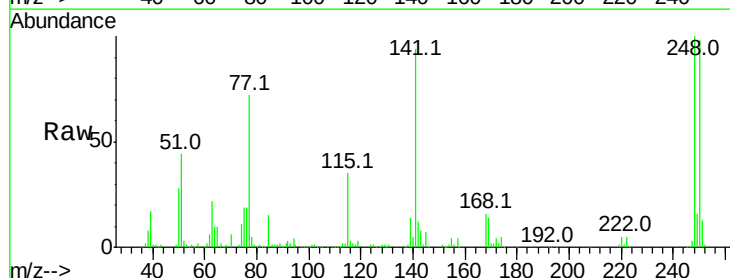
Instrument :
 BNA_F
 ClientSampled :

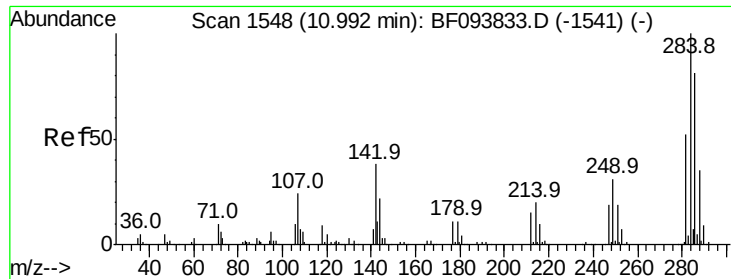
Tot Ion:169 Resp: 900262
 Ion Ratio Lower Upper
 169 100
 168 69.2 53.2 79.8
 167 38.0 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 52.55 ng
 RT: 10.87 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

Tgt Ion:248 Resp: 252406
 Ion Ratio Lower Upper
 248 100
 250 97.8 76.8 115.2
 141 93.6 68.6 103.0

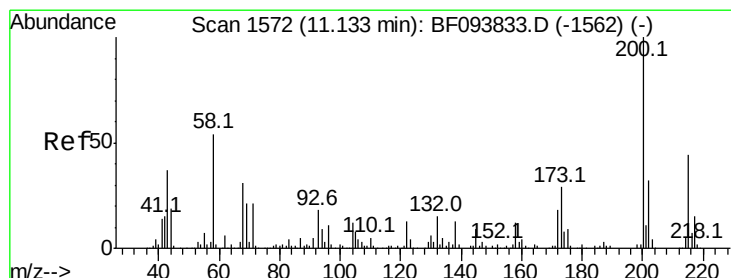
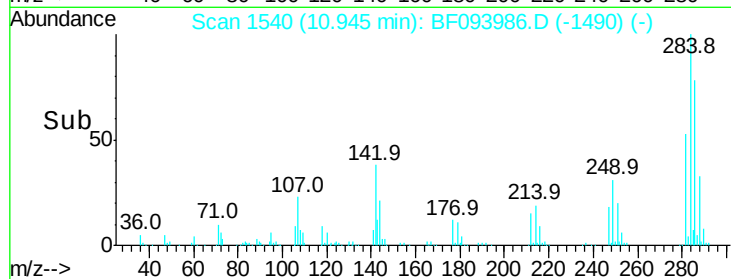
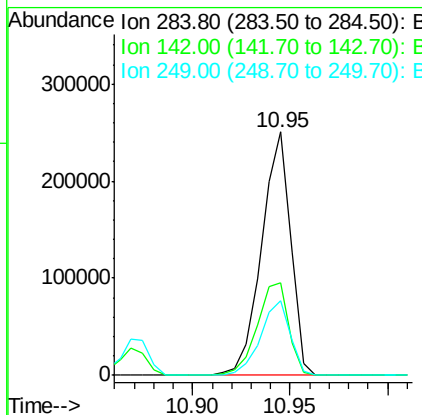
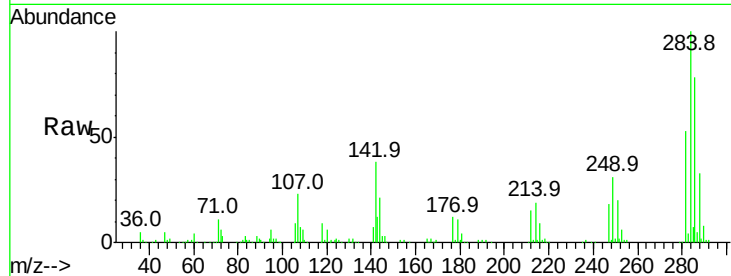




#67
Hexachlorobenzene
Concen: 53.20 ng
RT: 10.95 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

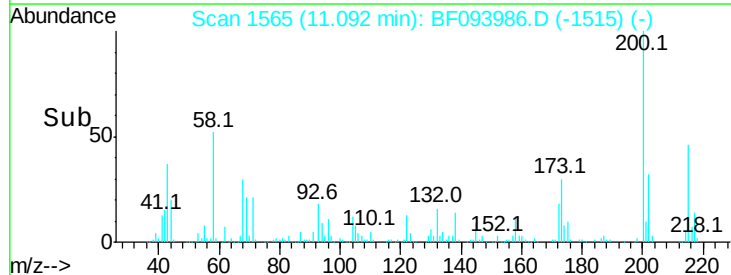
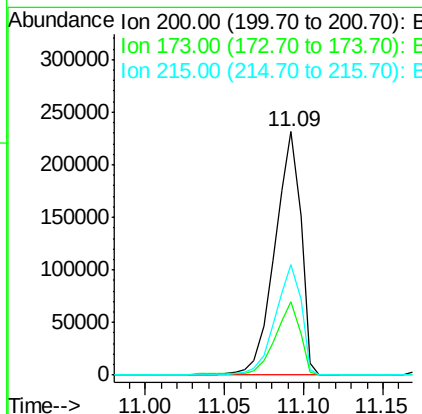
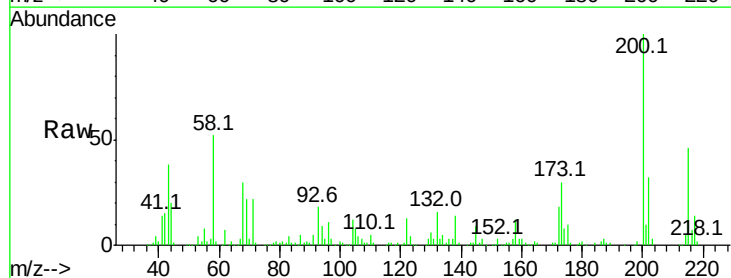
Instrument :
BNA_F
ClientSampleId :

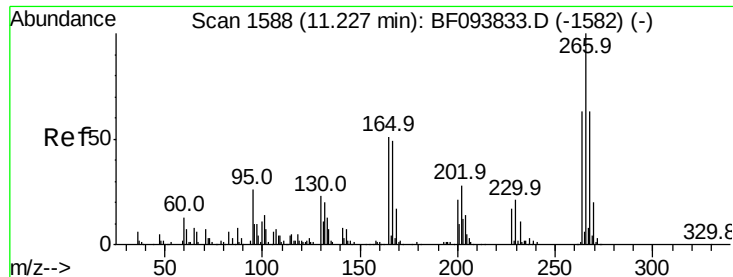
Tot Ion	Ratio	Lower	Upper
284	100		
142	37.9	22.8	34.2#
249	30.6	24.0	36.0



#68
Atrazine
Concen: 52.33 ng
RT: 11.09 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.3	6.3	46.3
215	45.5	27.2	67.2

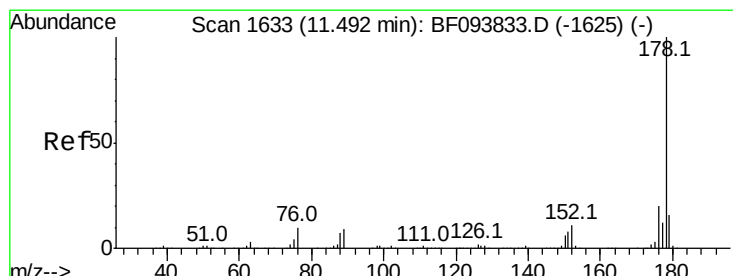
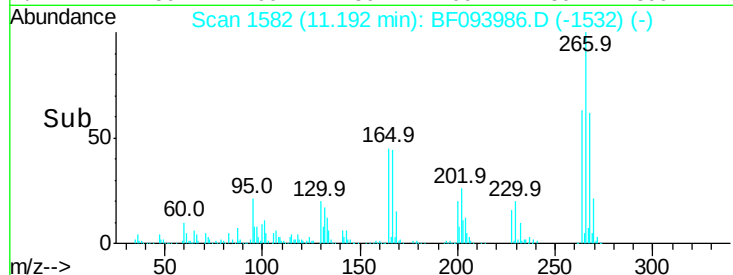
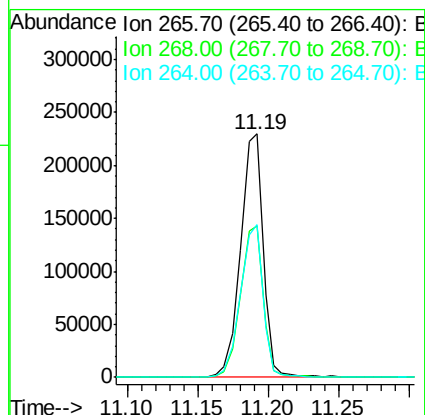
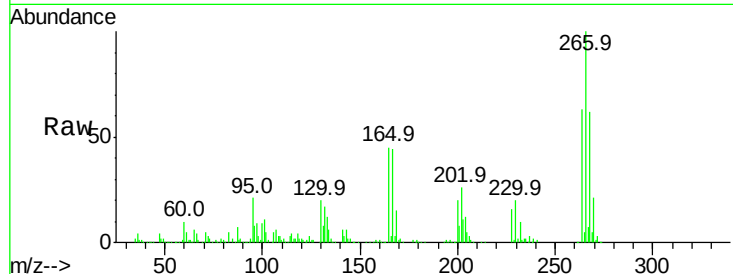




#69
 Pentachlorophenol
 Concen: 85.03 ng
 RT: 11.19 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

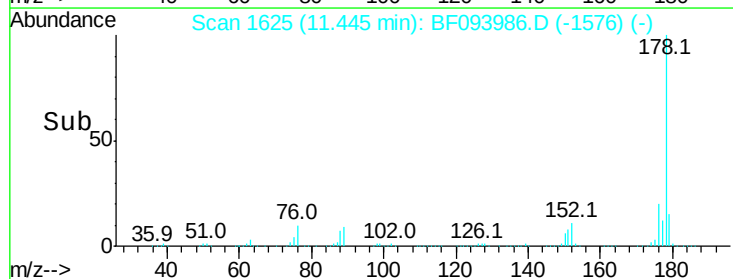
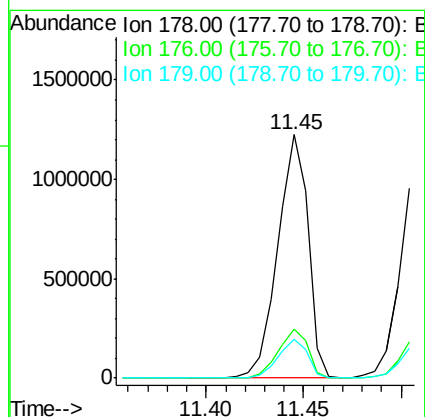
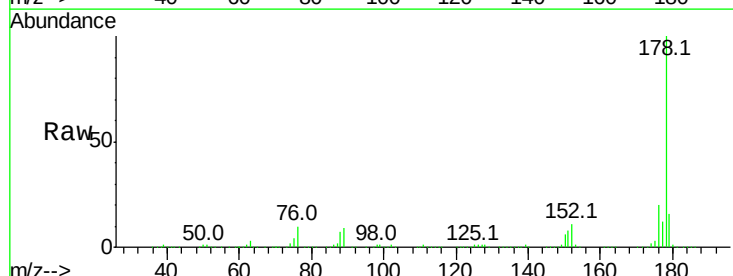
Instrument :
 BNA_F
 ClientSampleId :

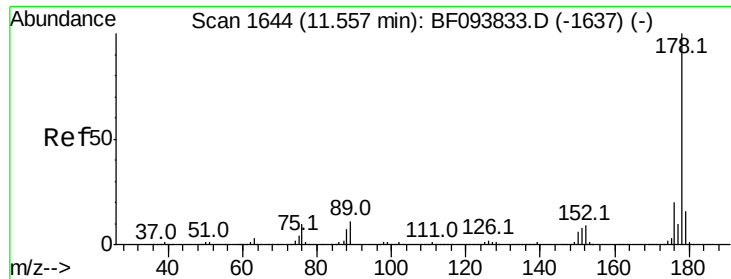
Tot Ion:266 Resp: 257319
 Ion Ratio Lower Upper
 266 100
 268 62.3 51.1 76.7
 264 62.7 51.7 77.5



#70
 Phenanthrene
 Concen: 48.55 ng
 RT: 11.45 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

Tgt Ion:178 Resp: 1318920
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 15.7 12.6 19.0

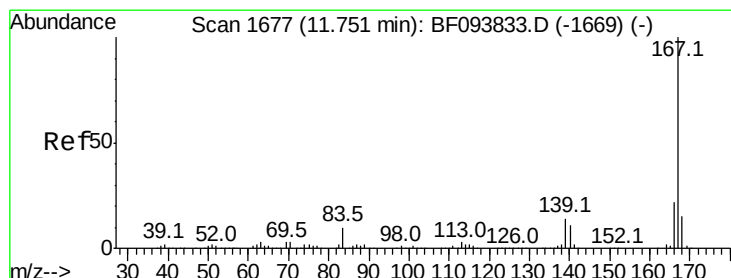
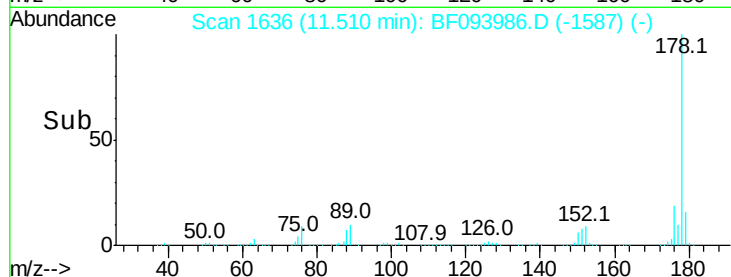
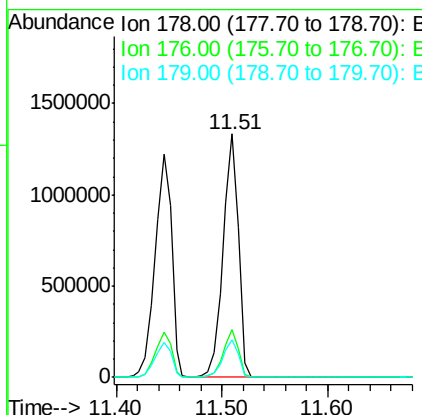
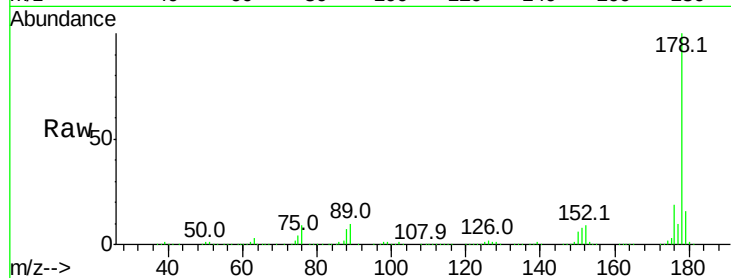




#71
 Anthracene
 Concen: 48.64 ng
 RT: 11.51 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

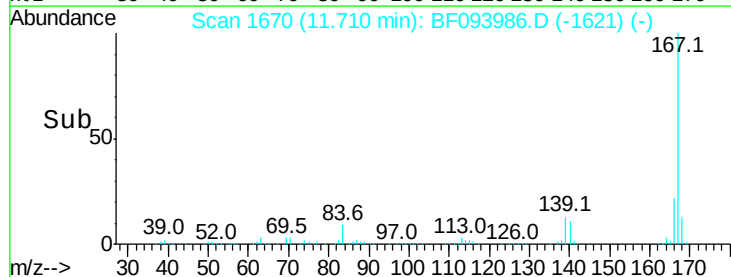
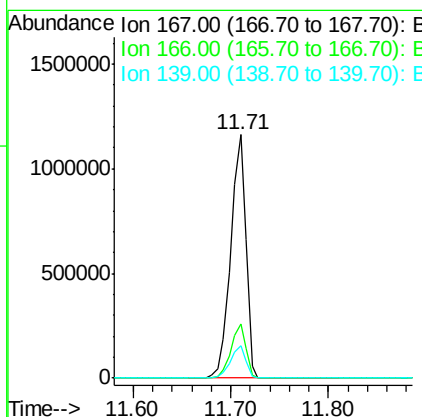
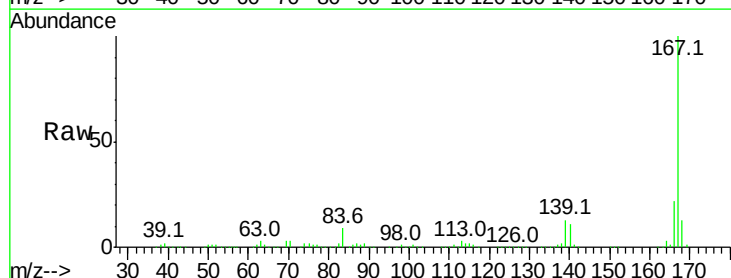
Instrument :
 BNA_F
 ClientSampleId :

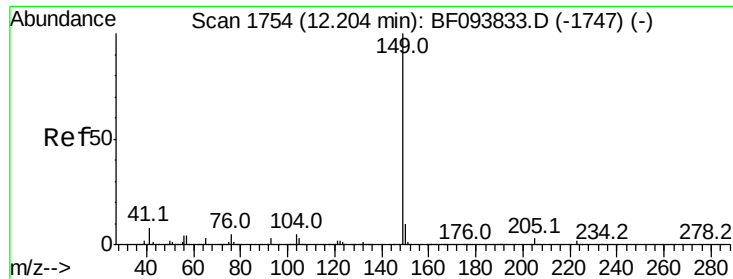
Tot Ion:178 Resp: 1360599
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 43.99 ng
 RT: 11.71 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

Tgt Ion:167 Resp: 1261579
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 52.99 ng

RT: 12.16 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

Instrument :

BNA_F

ClientSampleId :

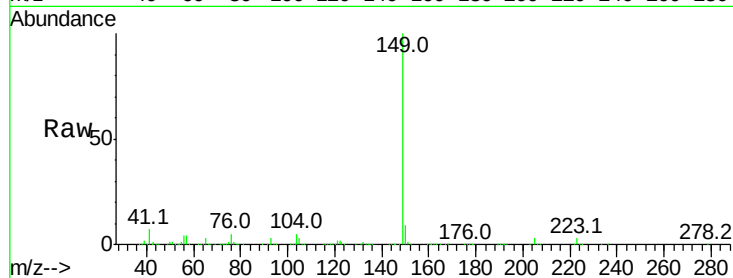
Tot Ion:149 Resp: 1580709

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

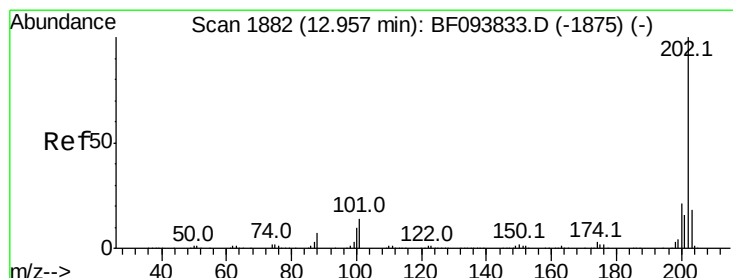
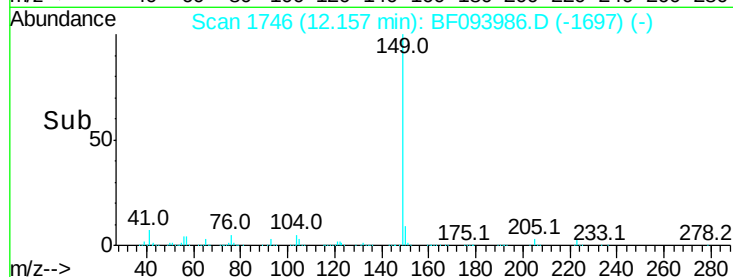
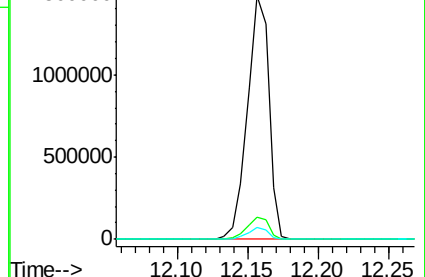
104 4.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.11 ng

RT: 12.90 min Scan# 1873

Delta R.T. -0.02 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

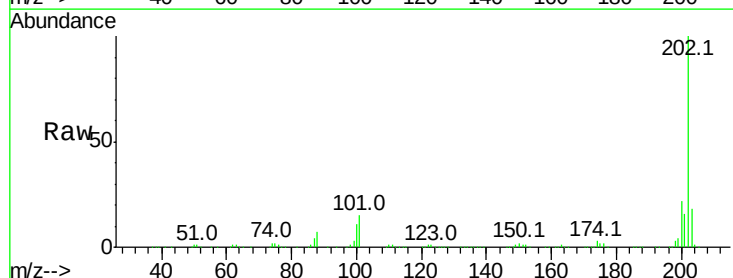
Tgt Ion:202 Resp: 1199141

Ion Ratio Lower Upper

202 100

101 14.7 0.0 33.2

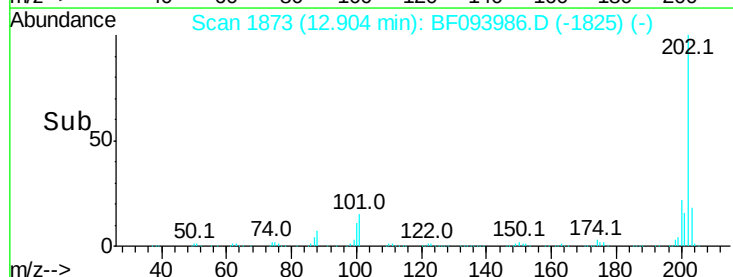
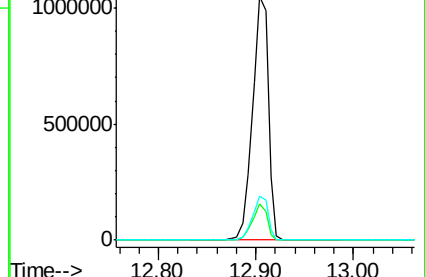
203 18.0 0.0 38.1

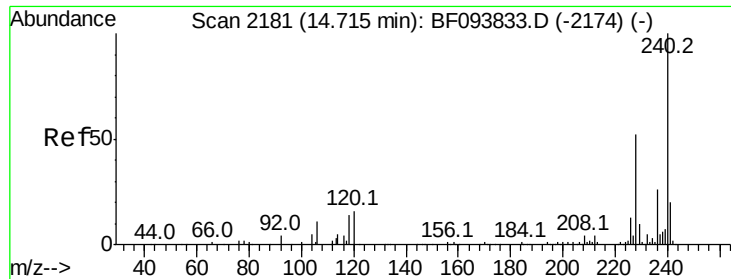


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.67 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

Instrument :

BNA_F

ClientSampleId :

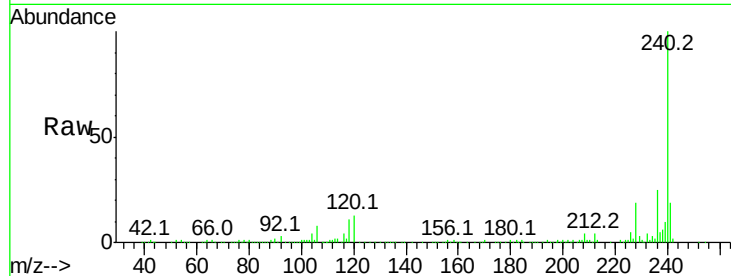
Tot Ion:240 Resp: 305452

Ion Ratio Lower Upper

240 100

120 12.7 5.8 8.8#

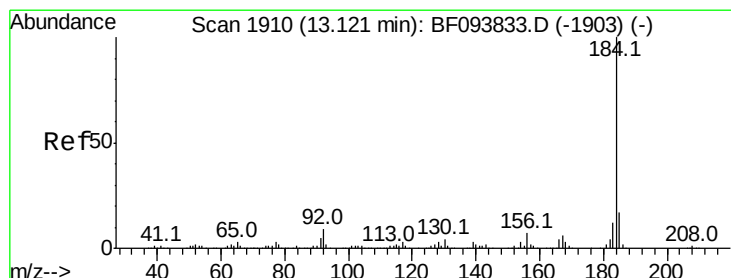
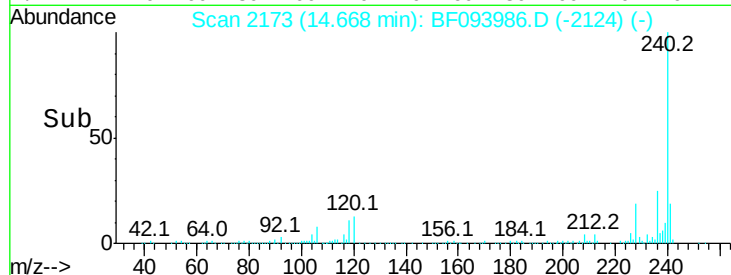
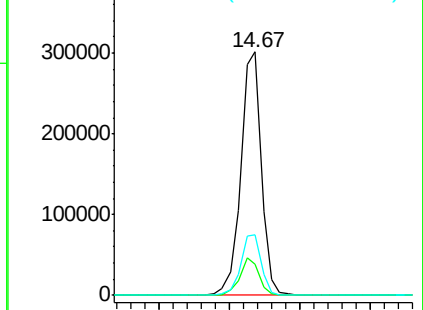
236 24.8 20.5 30.7



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: 36.38 ng

RT: 13.07 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

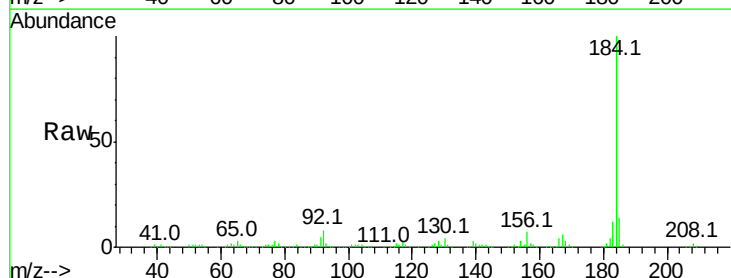
Tgt Ion:184 Resp: 439820

Ion Ratio Lower Upper

184 100

185 13.7 15.5 23.3#

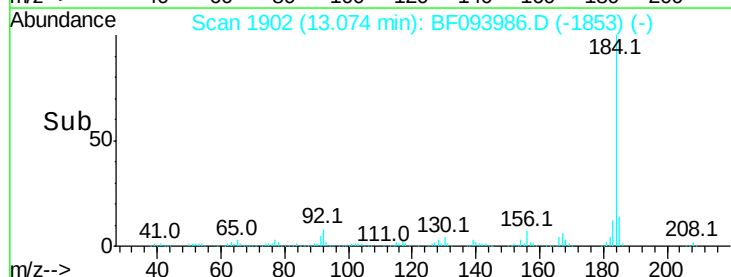
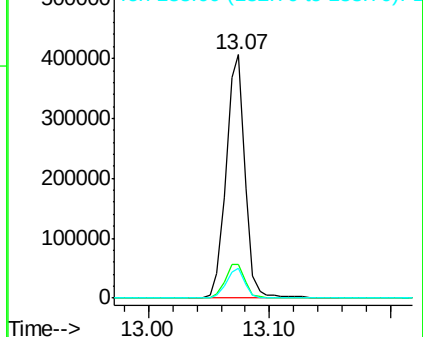
183 12.3 9.8 14.6

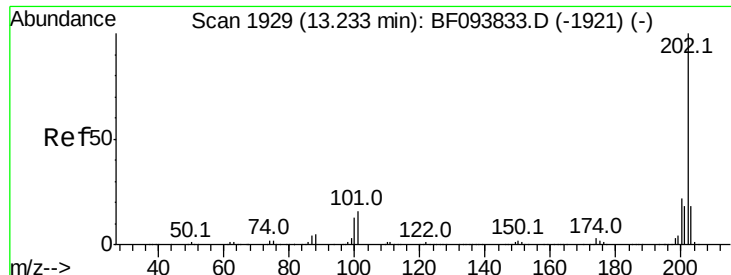


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

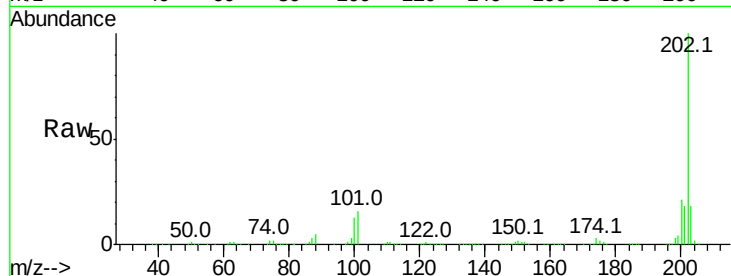




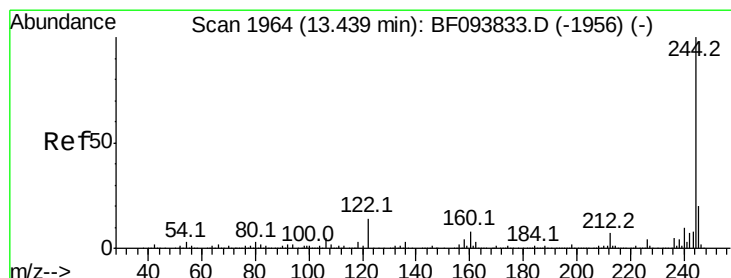
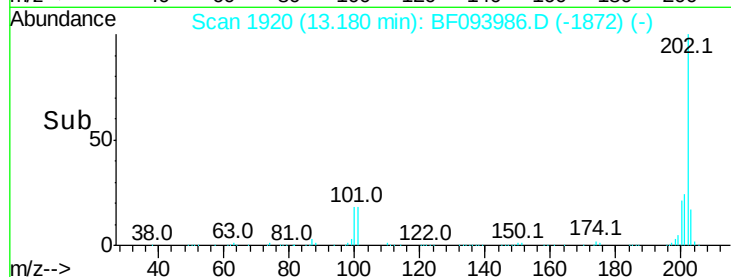
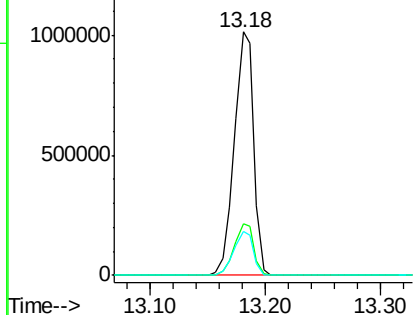
#77
Pvrene
Concen: 53.05 ng
RT: 13.18 min Scan# 1920
Delta R.T. -0.02 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1175948
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 17.9 14.4 21.6

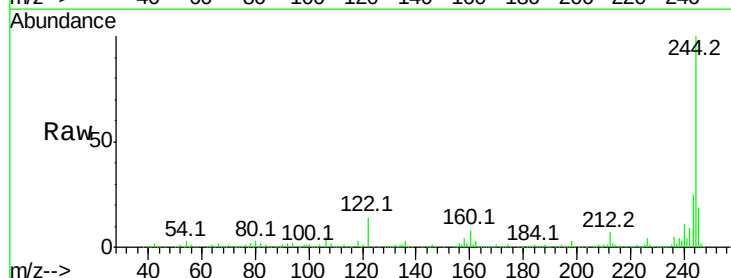


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

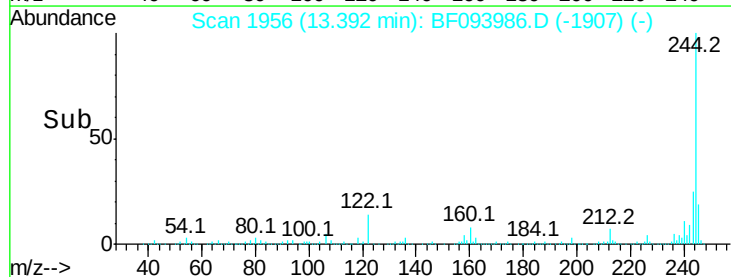
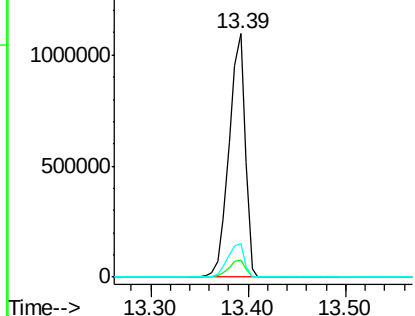


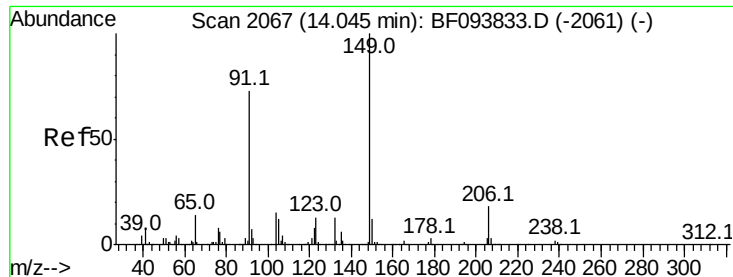
#78
Terphenyl-d14
Concen: 92.91 ng
RT: 13.39 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

Tgt Ion:244 Resp: 1266089
Ion Ratio Lower Upper
244 100
212 7.1 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

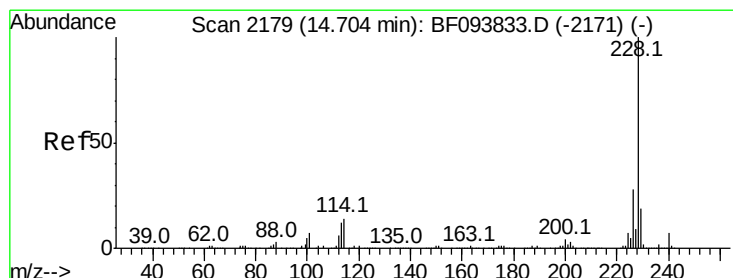
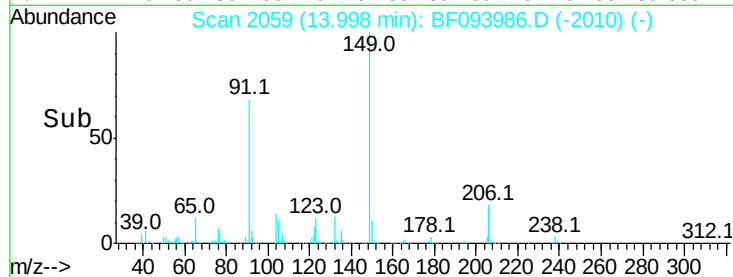
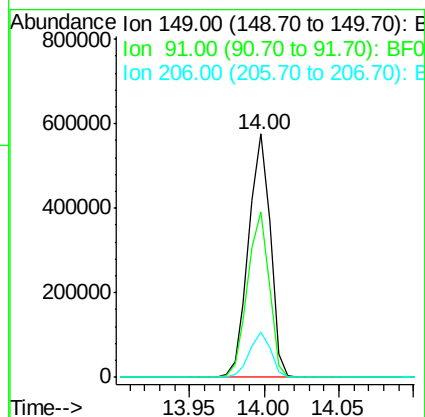
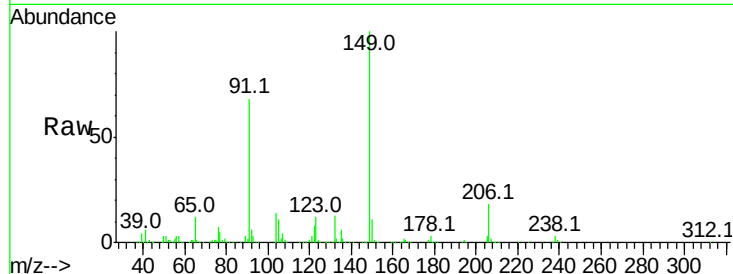




#79
Butylbenzylphthalate
Concen: 61.49 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

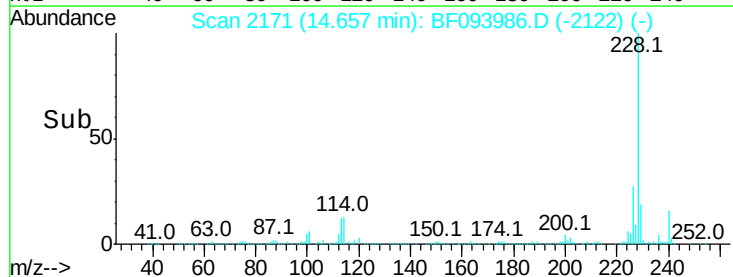
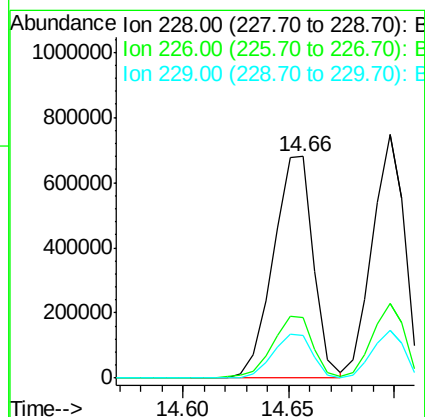
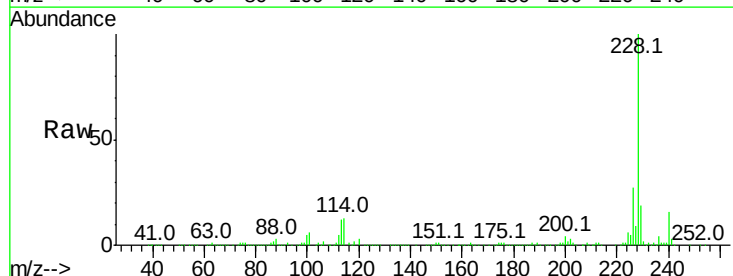
Instrument :
BNA_F
ClientSampleId :

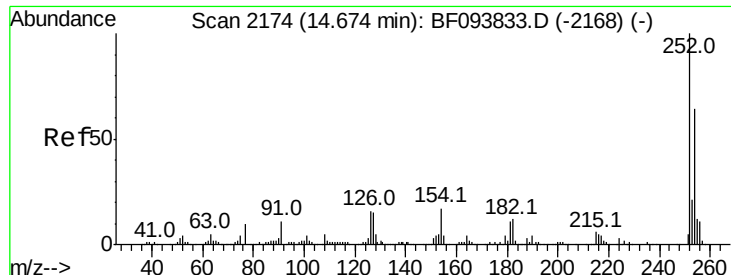
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.0	45.0	67.4#
206	18.4	17.0	25.6



#80
Benzo(a)anthracene
Concen: 50.51 ng
RT: 14.66 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF093986.D
Acq: 28 Mar 2017 11:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.4	16.3	24.5

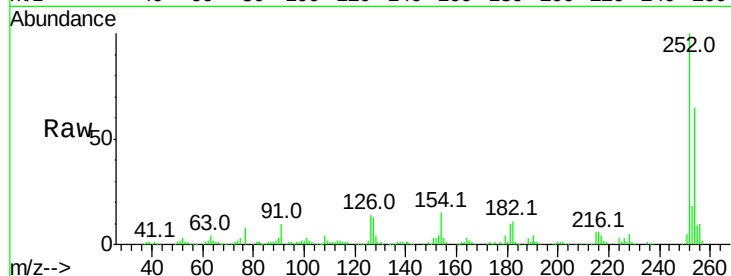




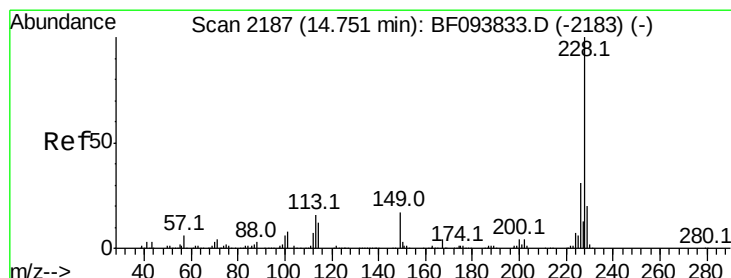
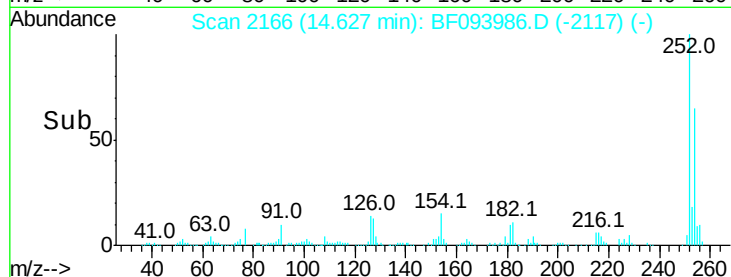
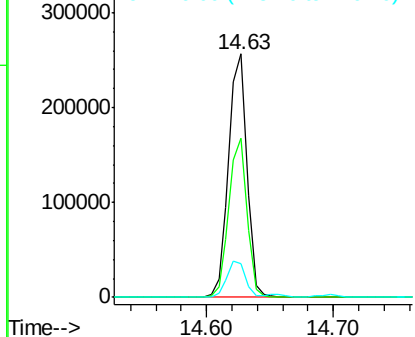
#81
 3,3'-Dichlorobenzidine
 Concen: 40.39 ng
 RT: 14.63 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.5	77.3
126	14.1	15.8	23.8#

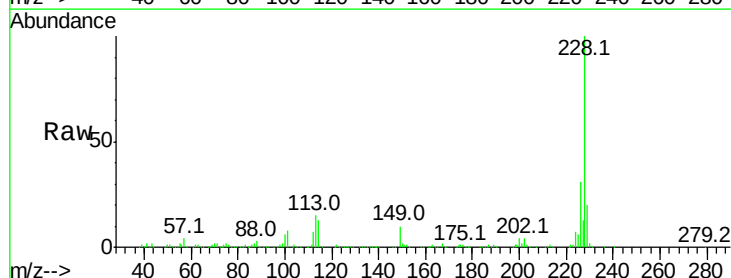


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

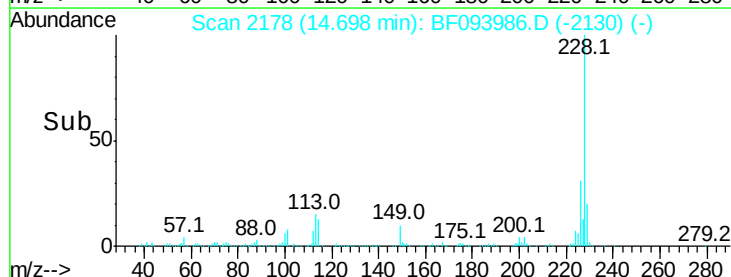
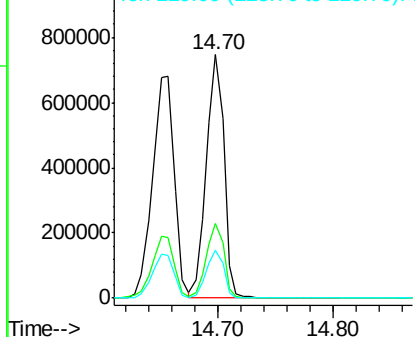


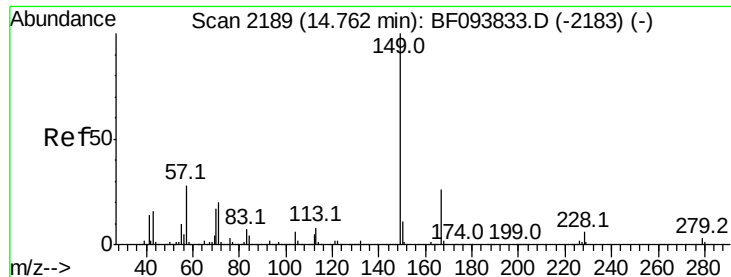
#82
 Chrysene
 Concen: 48.38 ng
 RT: 14.70 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	19.8	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

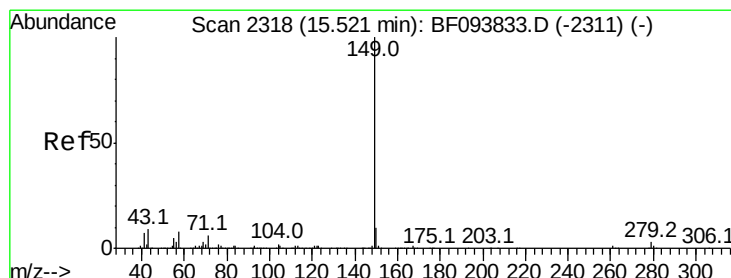
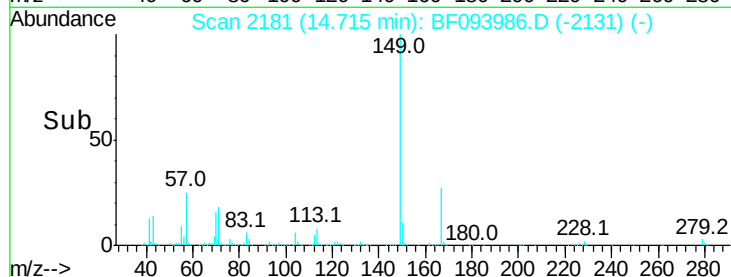
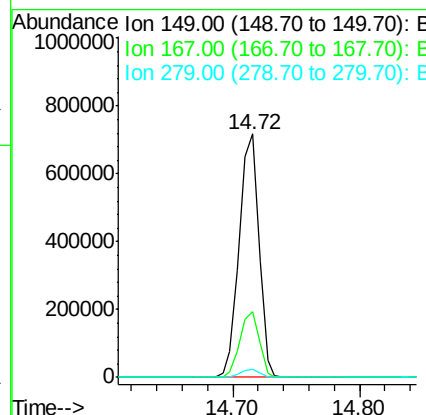
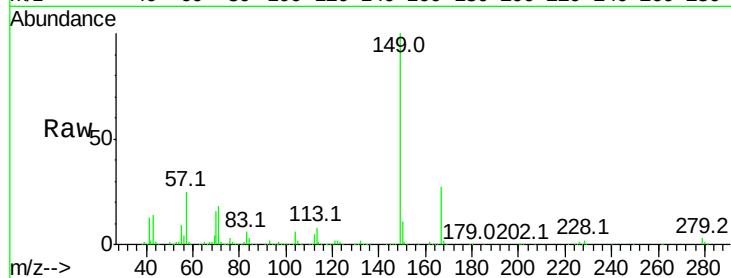




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.53 ng
 RT: 14.72 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

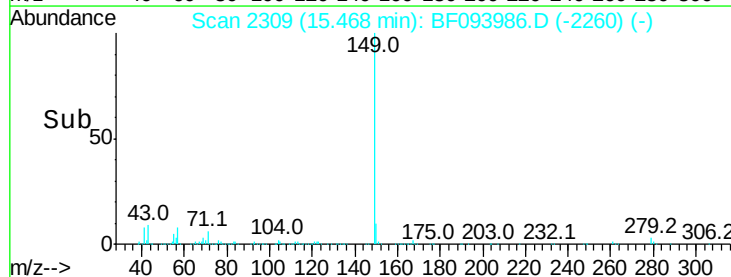
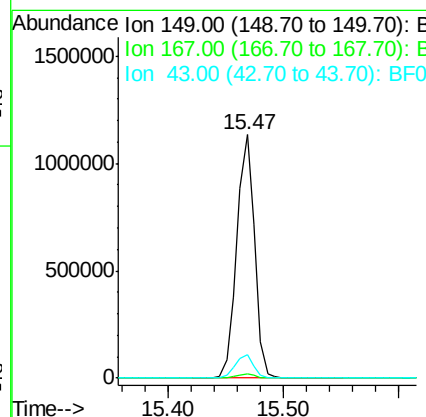
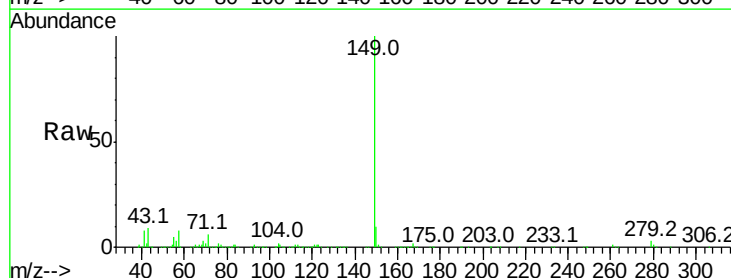
Instrument :
 BNA_F
 ClientSampled :

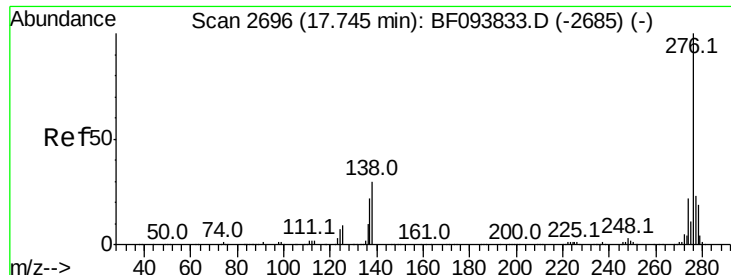
Tot Ion	149	Resp	767124
Ion Ratio	100	Lower	Upper
149	100		
167	26.8	21.0	31.4
279	3.3	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 56.18 ng
 RT: 15.47 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

Tgt Ion	149	Resp	1209318
Ion Ratio	100	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.6	8.5	12.7

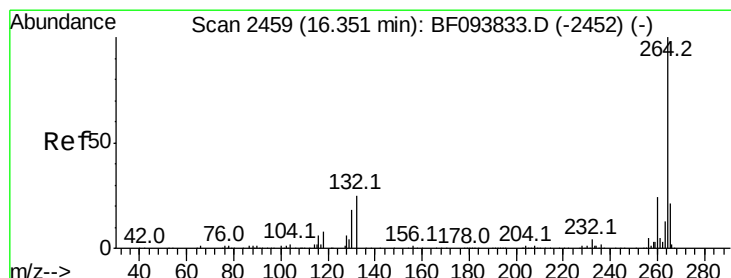
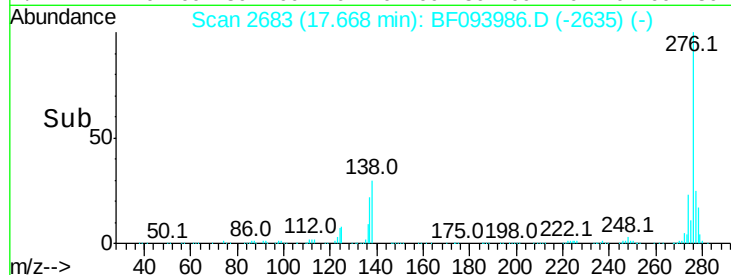
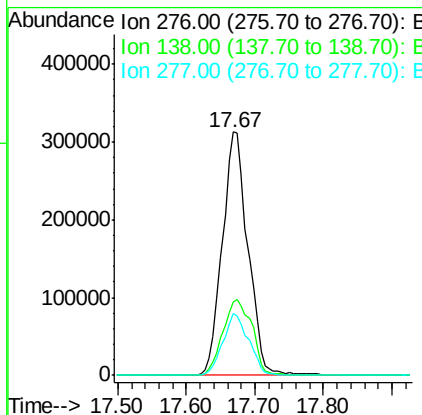
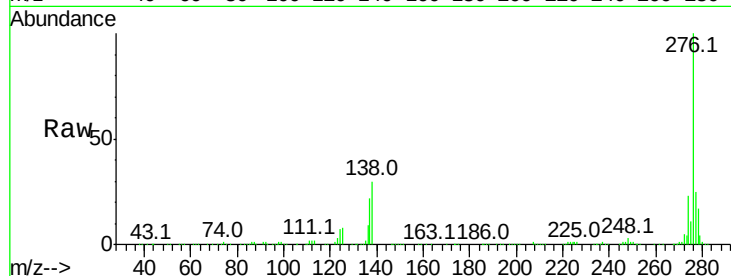




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.05 ng
 RT: 17.67 min Scan# 2683
 Delta R.T. -0.02 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

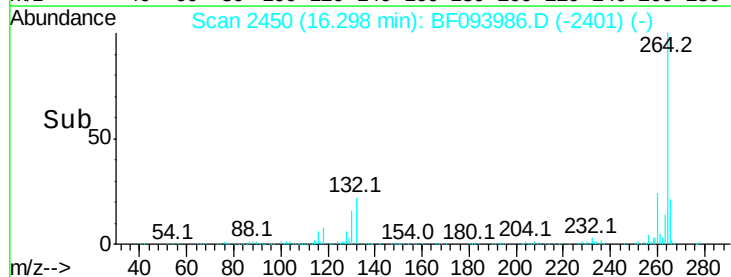
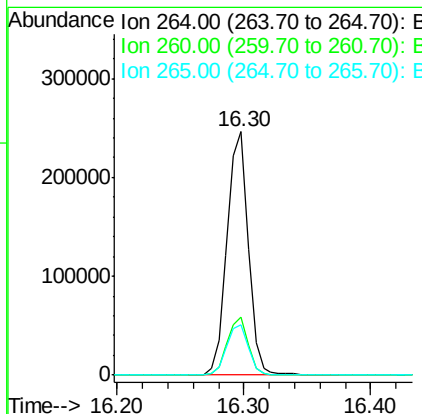
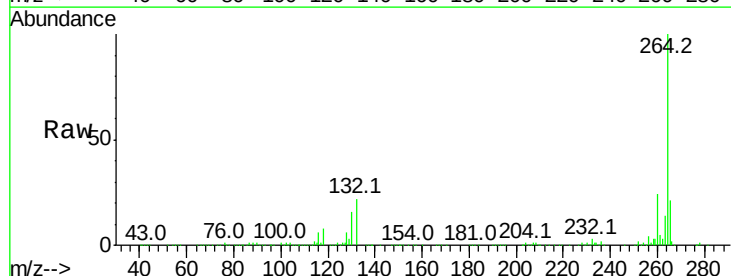
Instrument :
 BNA_F
 ClientSampleId :

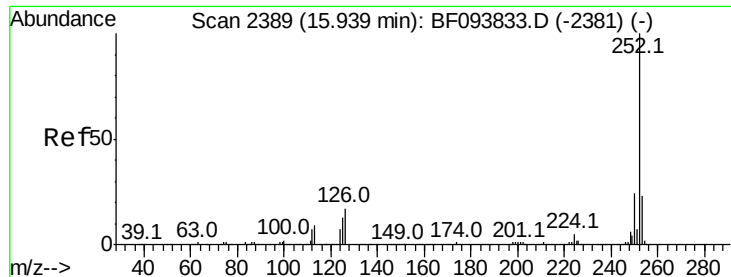
Tot Ion:276 Resp: 816737
 Ion Ratio Lower Upper
 276 100
 138 35.4 27.8 41.6
 277 25.5 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.30 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BF093986.D
 Acq: 28 Mar 2017 11:37

Tgt Ion:264 Resp: 286256
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 20.6 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 51.10 ng

RT: 15.89 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

Instrument :

BNA_F

ClientSampleId :

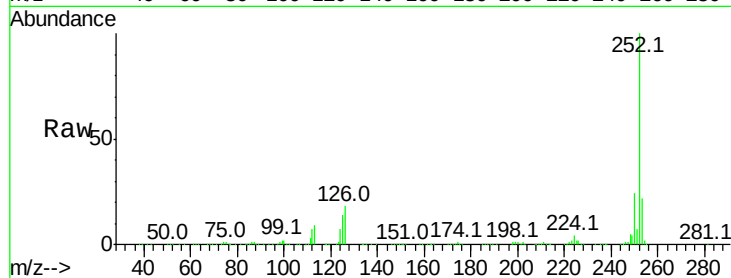
Tot Ion:252 Resp: 896613

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

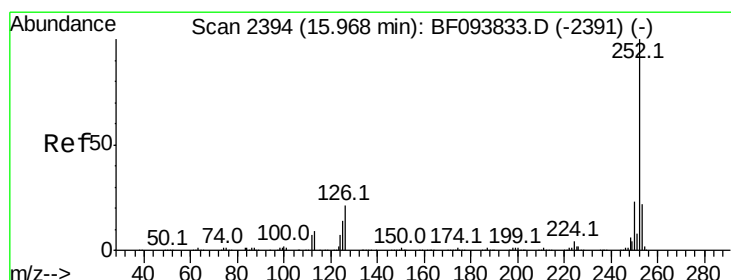
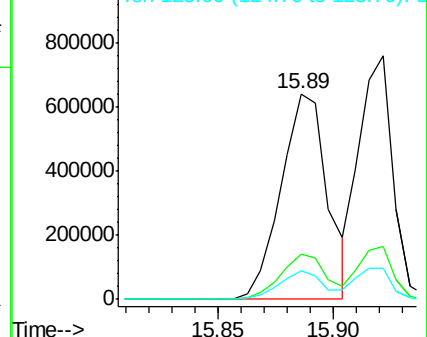
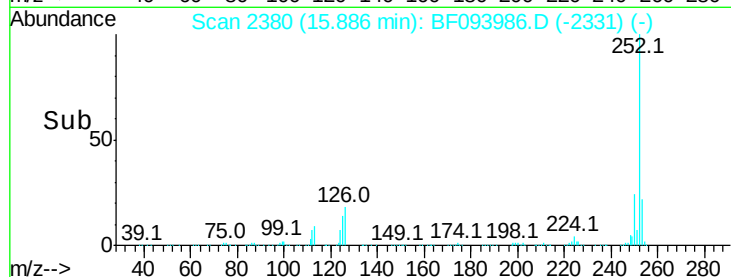
125 13.9 9.8 14.8



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: 52.23 ng

RT: 15.89 min Scan# 2380

Delta R.T. -0.05 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

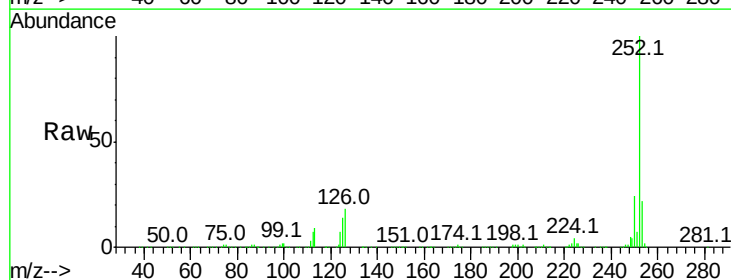
Tgt Ion:252 Resp: 896613

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

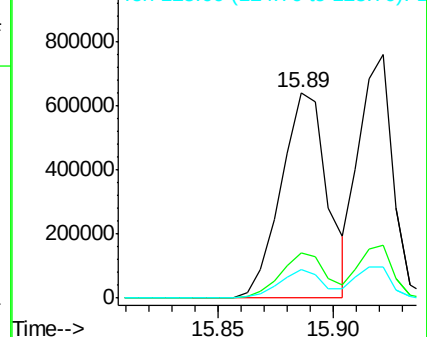
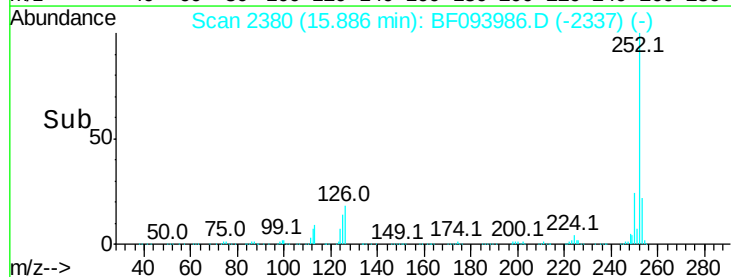
125 13.9 13.1 19.7

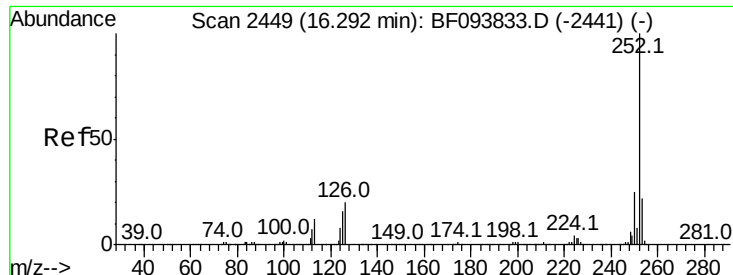


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 50.57 ng

RT: 16.24 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

Instrument :

BNA_F

ClientSampleId :

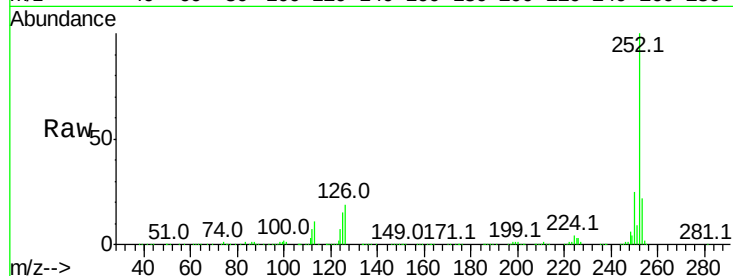
Tot Ion:252 Resp: 817070

Ion Ratio Lower Upper

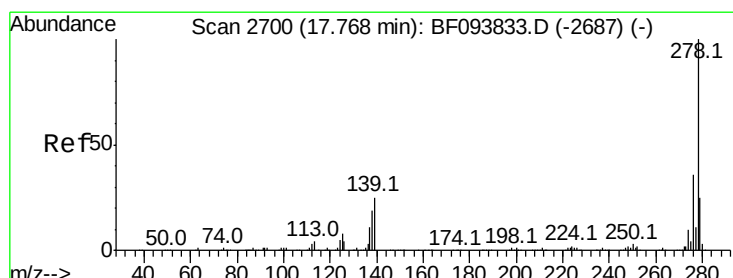
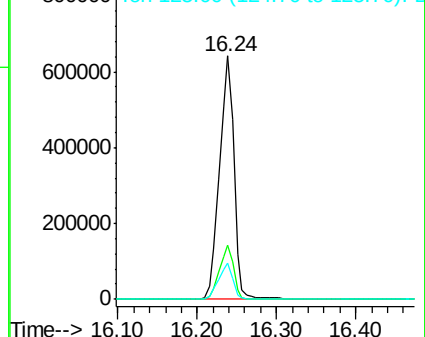
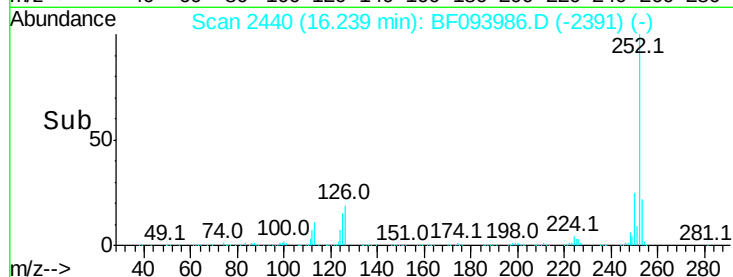
252 100

253 22.2 17.5 26.3

125 14.9 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 50.70 ng

RT: 17.69 min Scan# 2687

Delta R.T. -0.02 min

Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

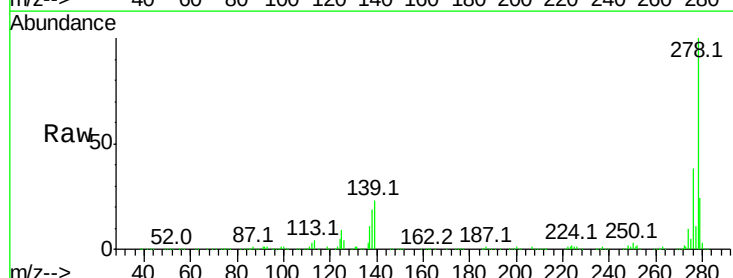
Tgt Ion:278 Resp: 693834

Ion Ratio Lower Upper

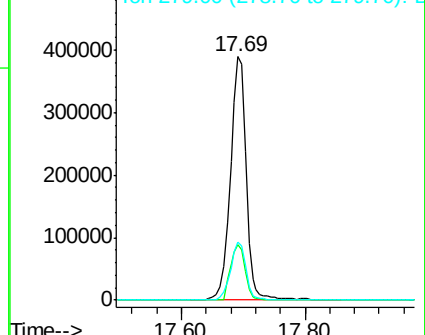
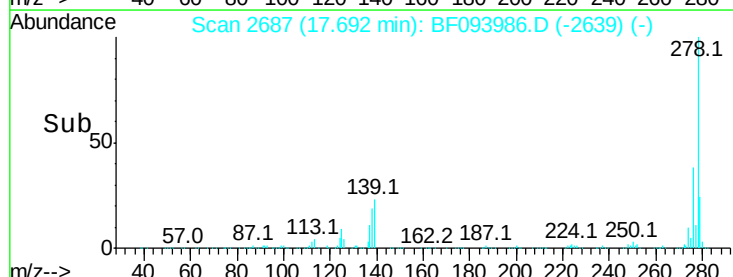
278 100

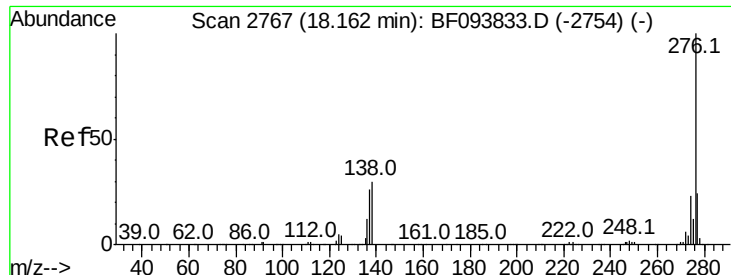
139 22.9 16.6 24.8

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: 47.56 ng

RT: 18.08 min Scan# 2753

Delta R.T. -0.02 min

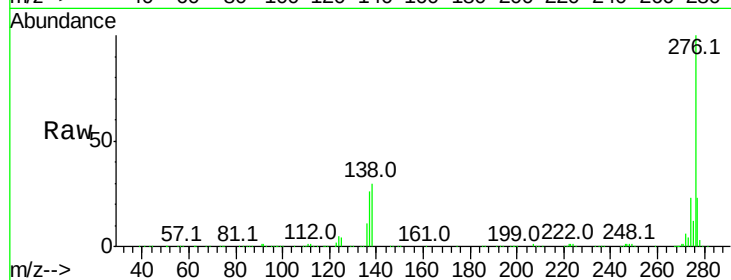
Lab File: BF093986.D

Acq: 28 Mar 2017 11:37

Instrument :

BNA_F

ClientSampleId :



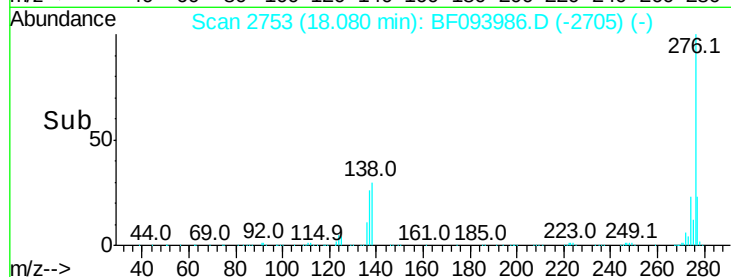
Tot Ion:276 Resp: 655870

Ion Ratio Lower Upper

276 100

277 23.0 18.6 28.0

138 30.4 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

