

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093976.D
 Acq On : 28 Mar 2017 7:01
 Operator : SJ/MA
 Sample : PB97833BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BS

Quant Time: Mar 28 07:22:57 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	174184	20.00	ng	-0.01
21) Naphthalene-d8	7.45	136	706355	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	306816	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	501313	20.00	ng	0.00
75) Chrysene-d12	14.67	240	310620	20.00	ng	-0.01
86) Perylene-d12	16.30	264	290321	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.48	112	905903	87.84	ng	0.00
7) Phenol-d6	5.54	99	1148404	90.02	ng	-0.01
23) Nitrobenzene-d5	6.59	82	1005440	81.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	220262	90.85	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1768277	87.91	ng	0.00
78) Terphenyl-d14	13.39	244	1217412	87.85	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.36	88	158912	32.07	ng	98
3) Pyridine	2.84	79	462745	34.27	ng	99
4) n-Nitrosodimethylamine	2.80	42	224607	40.43	ng	90
6) Aniline	5.56	93	295636	16.66	ng	# 80
8) 2-Chlorophenol	5.70	128	506168	44.65	ng	95
9) Benzaldehyde	5.43	77	89326	10.37	ng	98
10) Phenol	5.56	94	605586	41.71	ng	99
11) bis(2-Chloroethyl)ether	5.65	93	464130	40.91	ng	97
12) 1,3-Dichlorobenzene	5.87	146	517661	40.71	ng	98
13) 1,4-Dichlorobenzene	5.96	146	527730	40.98	ng	96
14) 1,2-Dichlorobenzene	6.13	146	490266	41.34	ng	97
15) Benzyl Alcohol	6.10	79	417344	44.69	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.27	45	656136	37.53	ng	97
17) 2-Methylphenol	6.25	107	421682	43.44	ng	97
18) Hexachloroethane	6.53	117	182789	40.38	ng	# 80
19) n-Nitroso-di-n-propylamine	6.43	70	333516	40.67	ng	96
20) 3+4-Methylphenols	6.43	107	516843	43.96	ng	# 65
22) Acetophenone	6.42	105	688920	43.76	ng	# 89
24) Nitrobenzene	6.62	77	510642	41.83	ng	93
25) Isophorone	6.90	82	908501	41.77	ng	95
26) 2-Nitrophenol	6.99	139	265321	45.58	ng	96
27) 2,4-Dimethylphenol	7.05	122	457422	45.60	ng	98
28) bis(2-Chloroethoxy)methane	7.16	93	587888	40.99	ng	98
29) 2,4-Dichlorophenol	7.29	162	424772	45.29	ng	100
30) 1,2,4-Trichlorobenzene	7.38	180	412067	42.66	ng	98
31) Naphthalene	7.47	128	1383555	40.74	ng	100
32) Benzoic acid	7.22	122	313008	46.88	ng	93
33) 4-Chloroaniline	7.53	127	101622	7.38	ng	93
34) Hexachlorobutadiene	7.63	225	207972	41.98	ng	98
35) Caprolactam	7.99	113	90192	30.16	ng	93
36) 4-Chloro-3-methylphenol	8.16	107	445615	45.47	ng	90
37) 2-Methylnaphthalene	8.32	142	959944	42.40	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	354398	42.22	ng	99
40) Hexachlorocyclopentadiene	8.52	237	234173	59.62	ng	99

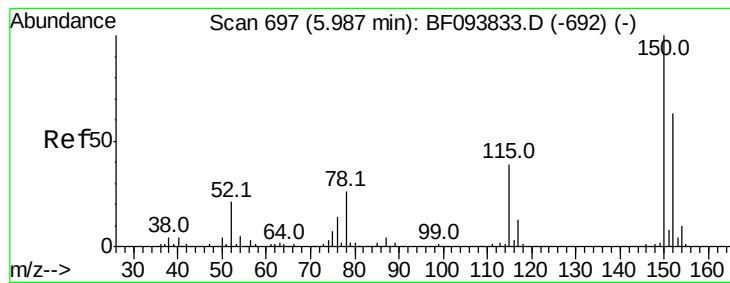
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093976.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.67	196	278293	46.86	nq	98
43) 2,4,5-Trichlorophenol	8.72	196	285406	44.42	nq	95
45) 1,1'-Biphenyl	8.89	154	1070334	43.25	nq	98
46) 2-Chloronaphthalene	8.91	162	840613	43.39	nq	94
47) 2-Nitroaniline	9.04	65	254462	44.28	nq	# 77
48) Acenaphthylene	9.42	152	1315015	40.84	nq	100
49) Dimethylphthalate	9.28	163	998596	45.79	nq	100
50) 2,6-Dinitrotoluene	9.35	165	224791	44.96	nq	94
51) Acenaphthene	9.63	154	777264	41.37	nq	99
52) 3-Nitroaniline	9.54	138	132211	22.52	nq	90
53) 2,4-Dinitrophenol	9.67	184	99800	39.79	nq	# 68
54) Dibenzofuran	9.85	168	1136735	44.45	nq	99
55) 4-Nitrophenol	9.78	139	354222	77.04	nq	# 68
56) 2,4-Dinitrotoluene	9.84	165	271272	43.19	nq	# 75
57) Fluorene	10.27	166	838294	39.53	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	205622	46.64	nq	98
59) Diethylphthalate	10.15	149	952687	44.20	nq	98
60) 4-Chlorophenyl-phenylether	10.27	204	365052	40.41	nq	88
61) 4-Nitroaniline	10.30	138	224032	39.77	nq	95
62) Azobenzene	10.47	77	904395	44.35	nq	95
64) 4,6-Dinitro-2-methylphenol	10.34	198	71529	23.30	nq	# 67
65) n-Nitrosodiphenylamine	10.42	169	801302	46.22	nq	100
66) 4-Bromophenyl-phenylether	10.87	248	228307	46.31	nq	96
67) Hexachlorobenzene	10.95	284	225863	45.25	nq	# 92
68) Atrazine	11.09	200	200926	38.69	nq	96
69) Pentachlorophenol	11.19	266	226608	72.94	nq	96
70) Phenanthrene	11.45	178	1177229	42.21	nq	100
71) Anthracene	11.51	178	1223006	42.59	nq	99
72) Carbazole	11.71	167	1113057	37.80	nq	99
73) Di-n-butylphthalate	12.16	149	1430185	46.71	nq	99
74) Fluoranthene	12.91	202	1073775	37.60	nq	99
76) Benzidine	13.07	184	101965	8.29	nq	# 92
77) Pyrene	13.18	202	1060086	47.03	nq	99
79) Butylbenzylphthalate	14.00	149	512495	53.36	nq	# 83
80) Benzo(a)anthracene	14.66	228	803457	44.36	nq	98
81) 3,3'-Dichlorobenzidine	14.63	252	206997	31.97	nq	# 95
82) Chrysene	14.70	228	713967	42.48	nq	99
83) Bis(2-ethylhexyl)phthalate	14.72	149	689941	52.65	nq	# 99
84) Di-n-octyl phthalate	15.47	149	1090463	49.81	nq	98
85) Indeno(1,2,3-cd)pyrene	17.67	276	712403	48.94	nq	99
87) Benzo(b)fluoranthene	15.89	252	772478	43.41	nq	98
88) Benzo(k)fluoranthene	15.89	252	772478	44.36	nq	97
89) Benzo(a)pyrene	16.24	252	724152	44.19	nq	98
90) Dibenzo(a,h)anthracene	17.69	278	606464	43.70	nq	98
91) Benzo(g,h,i)perylene	18.08	276	566213	40.48	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: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

ClientSampleId :

PB97833BS

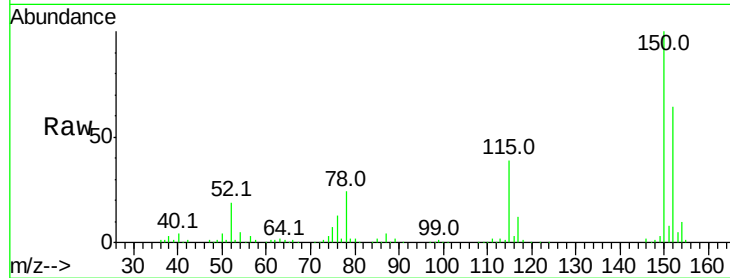
Tot Ion:152 Resp: 174184

Ion Ratio Lower Upper

152 100

150 157.4 126.2 189.2

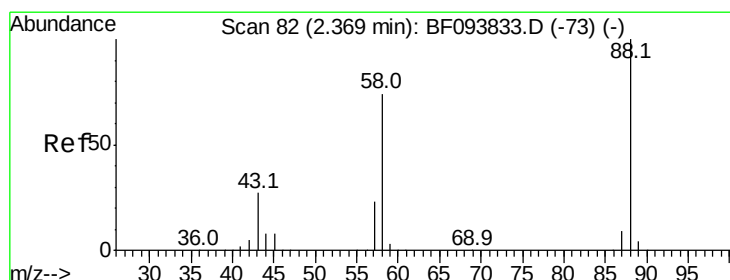
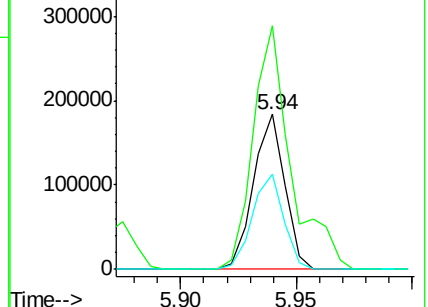
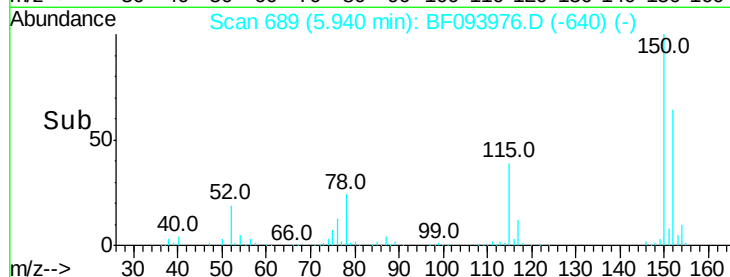
115 61.8 52.2 78.2



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: 32.07 ng

RT: 2.36 min Scan# 81

Delta R.T. 0.04 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

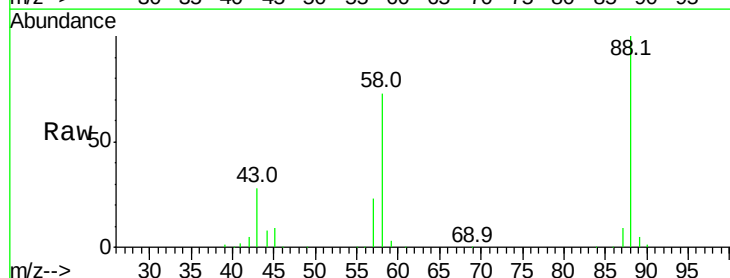
Tgt Ion: 88 Resp: 158912

Ion Ratio Lower Upper

88 100

58 74.7 61.4 92.0

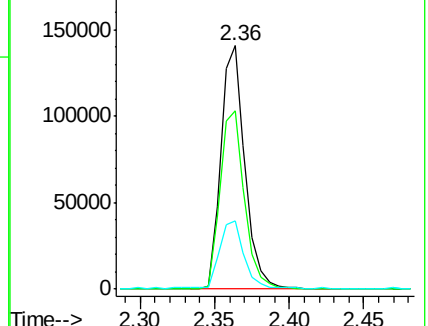
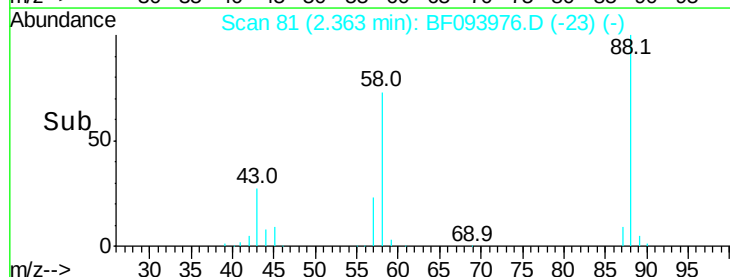
43 28.0 23.4 35.0

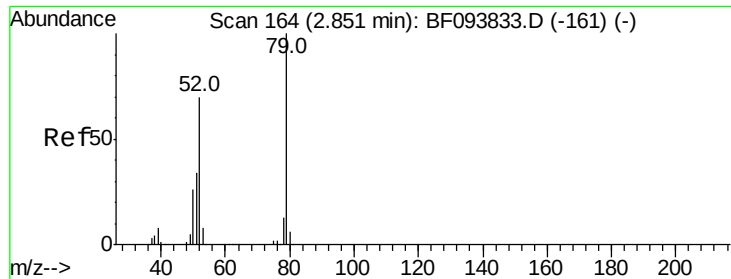


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

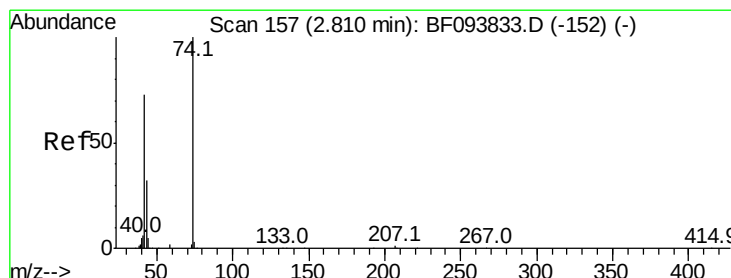
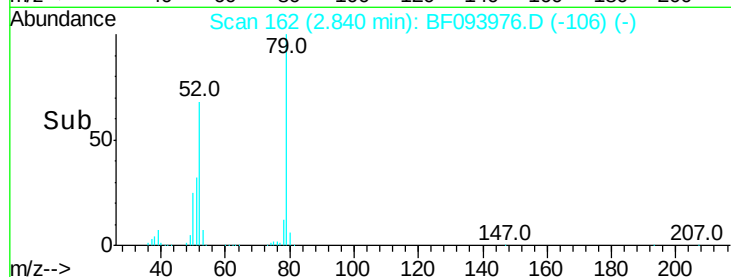
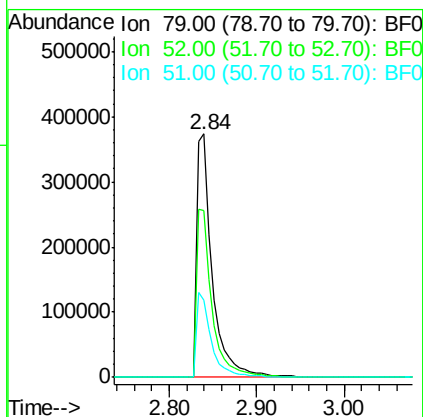
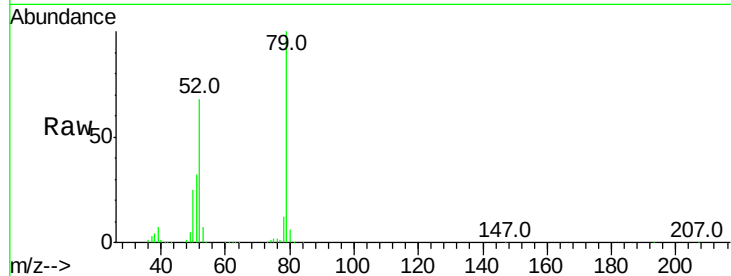




#3
 Pvridine
 Concen: 34.27 ng
 RT: 2.84 min Scan# 162
 Delta R.T. 0.03 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

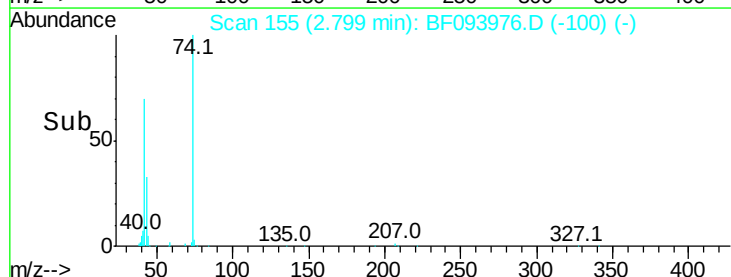
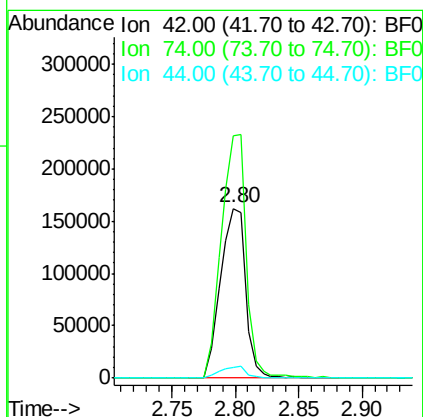
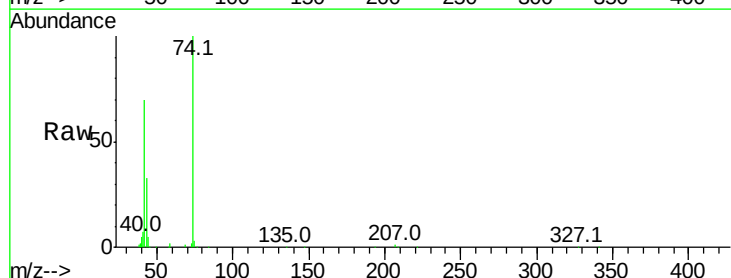
Instrument :
 BNA_F
 ClientSampleId :
 PB97833BS

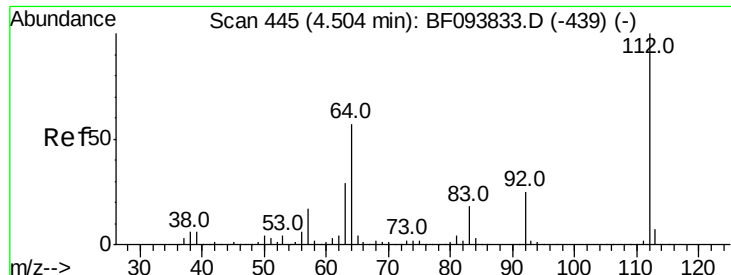
Tot Ion: 79 Resp: 462745
 Ion Ratio Lower Upper
 79 100
 52 68.5 54.8 82.2
 51 31.6 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 40.43 ng
 RT: 2.80 min Scan# 155
 Delta R.T. 0.02 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Tgt Ion: 42 Resp: 224607
 Ion Ratio Lower Upper
 42 100
 74 142.5 103.9 155.9
 44 6.6 5.7 8.5





#5

2-Fluorophenol

Concen: 87.84 ng

RT: 4.48 min Scan# 441

Delta R.T. 0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

ClientSampleID :

PB97833BS

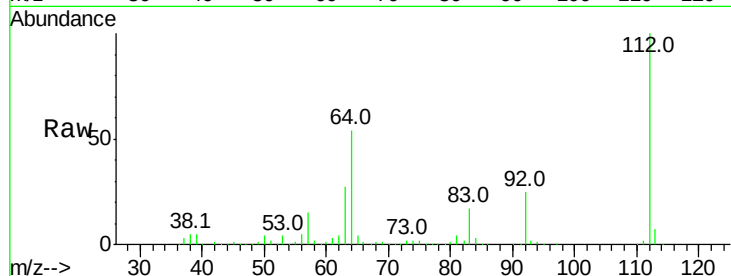
Tot Ion:112 Resp: 905903

Ion Ratio Lower Upper

112 100

64 53.7 46.0 69.0

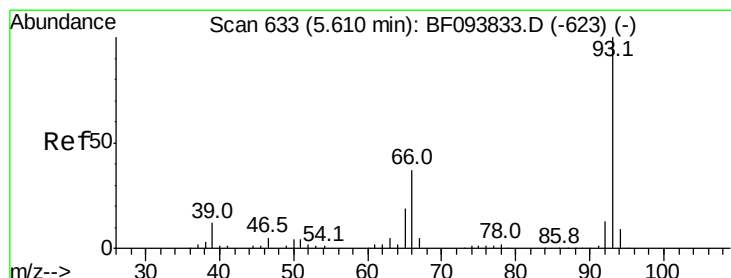
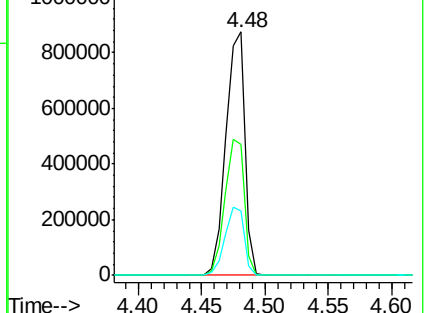
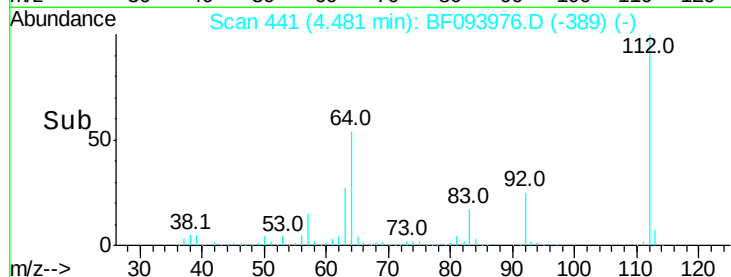
63 26.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.66 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

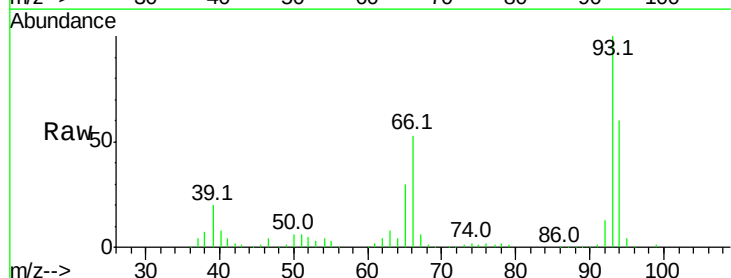
Tgt Ion: 93 Resp: 295636

Ion Ratio Lower Upper

93 100

66 53.2 32.9 49.3#

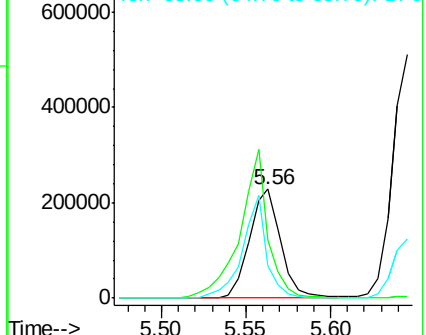
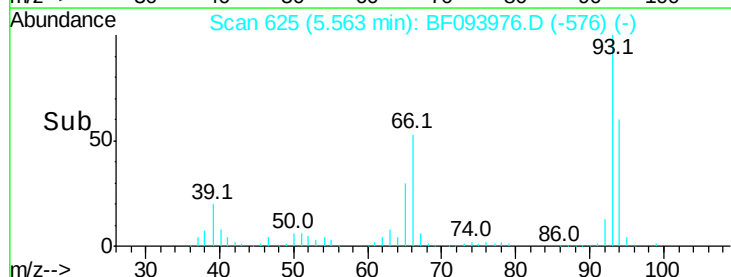
65 29.5 16.0 24.0#

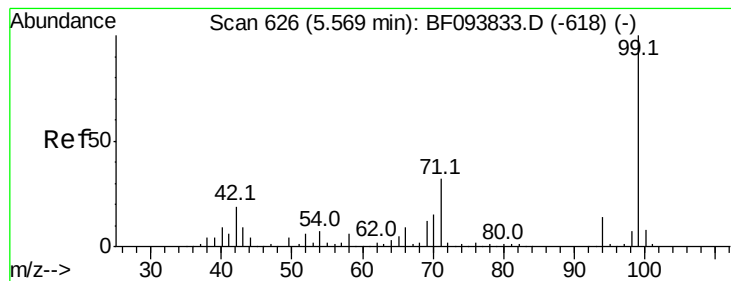


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 90.02 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

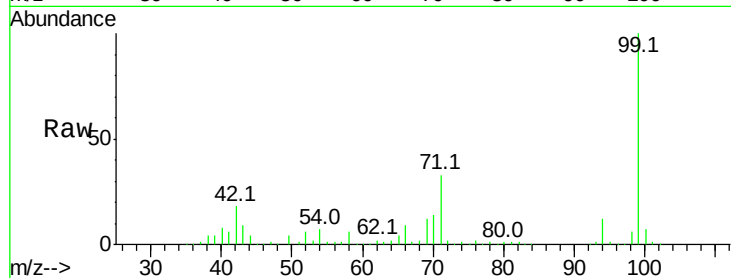
BNA_F

ClientSampleId :

PB97833BS

Tot Ion: 99 Resp: 1148404

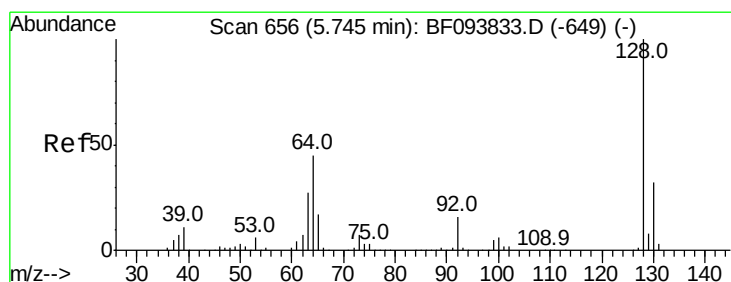
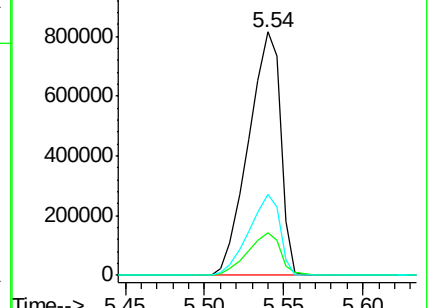
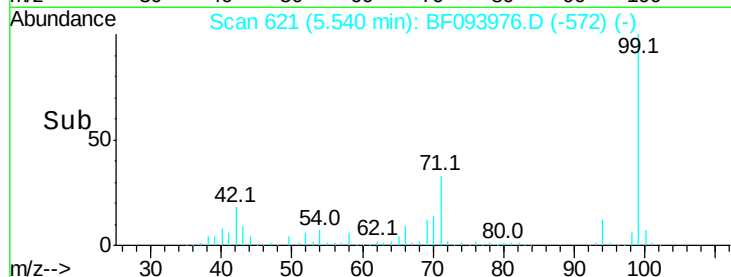
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.5	20.3
71	33.2	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.65 ng

RT: 5.70 min Scan# 649

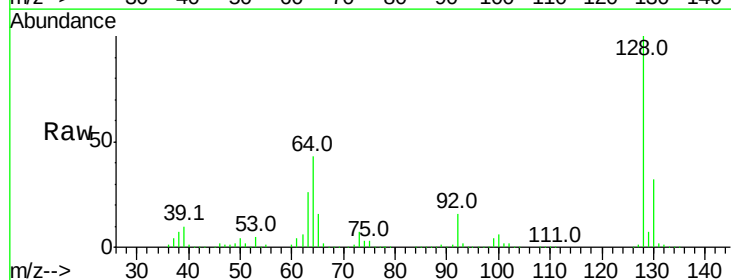
Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Tgt Ion: 128 Resp: 506168

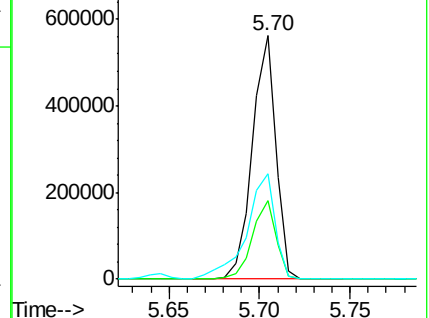
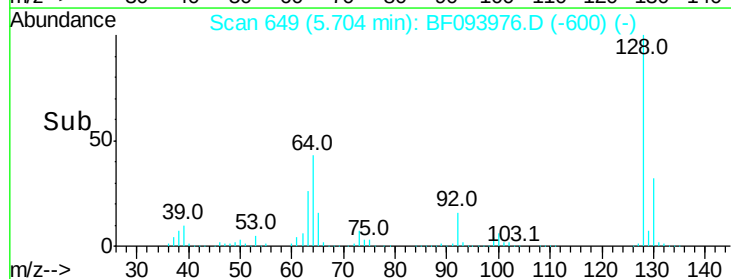
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.9	52.9
64	43.3	28.4	68.4

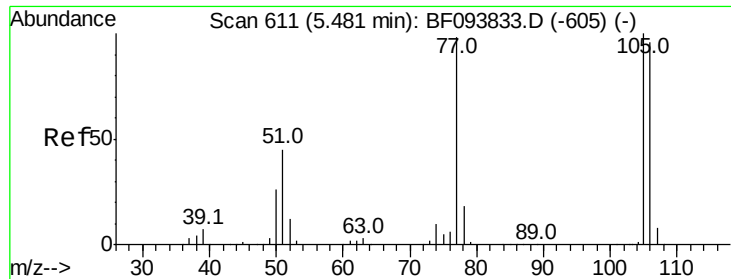


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

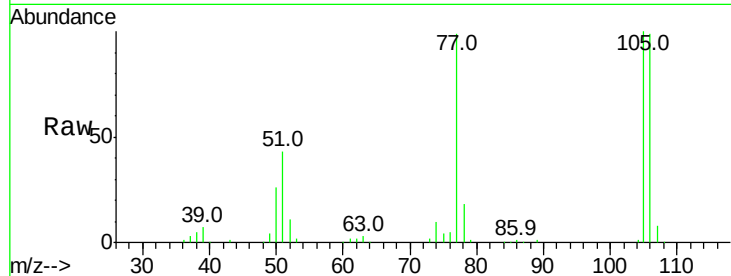




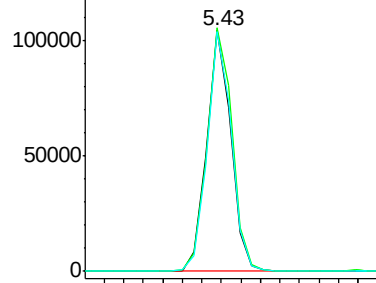
#9
Benzaldehyde
Concen: 10.37 ng
RT: 5.43 min Scan# 602
Delta R.T. -0.02 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Instrument :
BNA_F
ClientSampleId :
PB97833BS

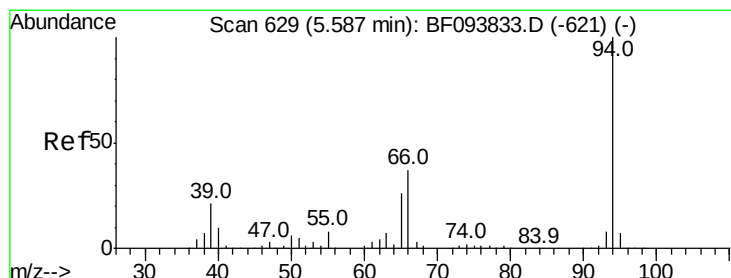
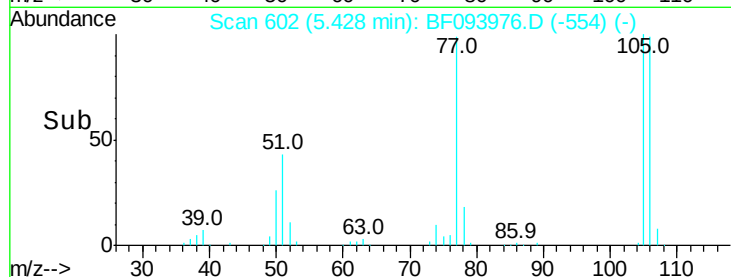
Tot Ion: 77 Resp: 89326
Ion Ratio Lower Upper
77 100
105 101.0 83.8 123.8
106 99.6 79.1 119.1



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

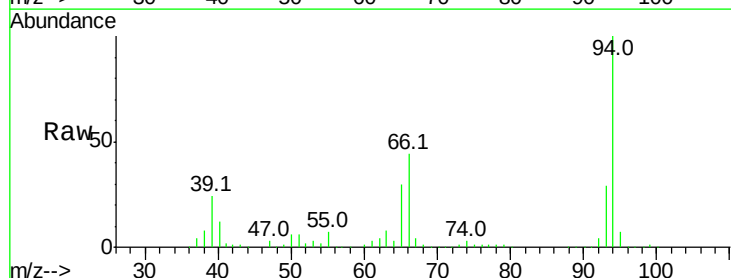


Time-->

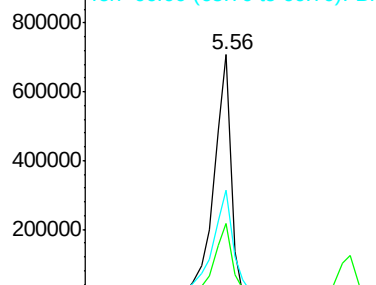


#10
Phenol
Concen: 41.71 ng
RT: 5.56 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

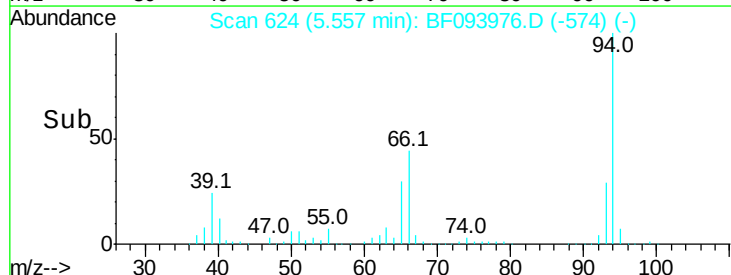
Tgt Ion: 94 Resp: 605586
Ion Ratio Lower Upper
94 100
65 30.4 9.9 49.9
66 44.3 23.1 63.1

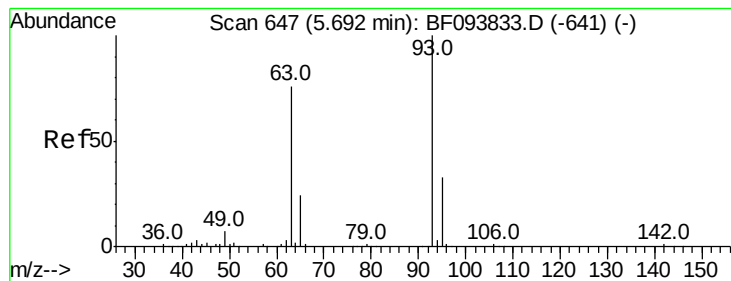


Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



Time-->

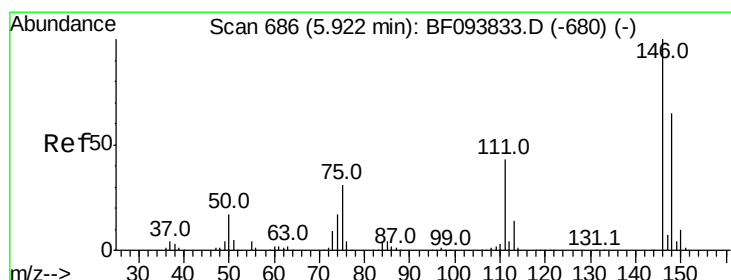
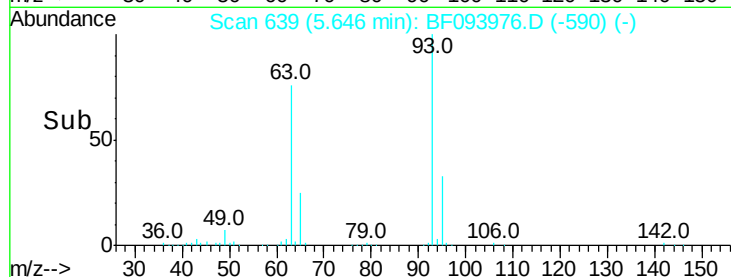
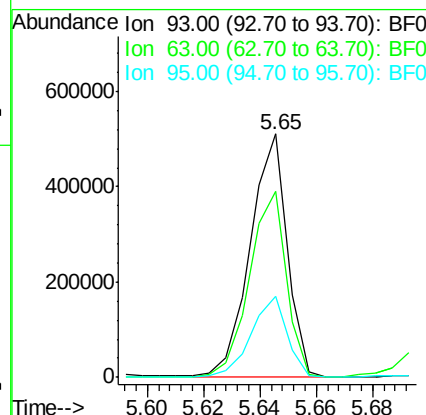
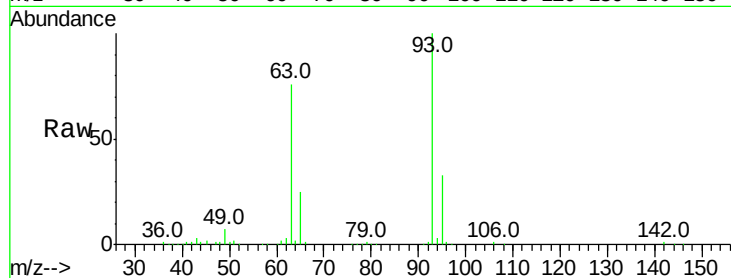




#11
bis(2-Chloroethyl)ether
Concen: 40.91 ng
RT: 5.65 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

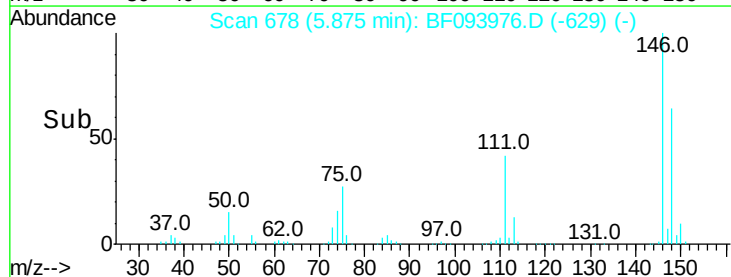
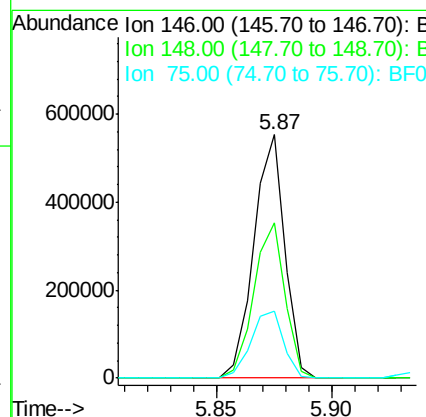
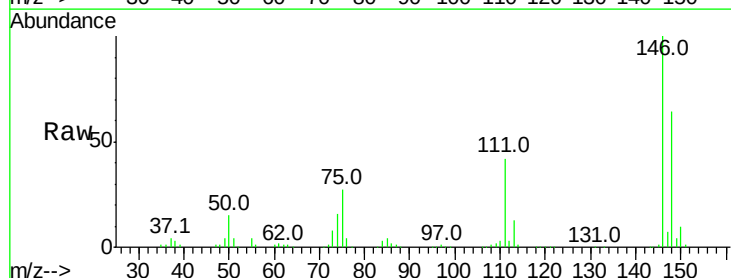
Instrument :
BNA_F
ClientSampleId :
PB97833BS

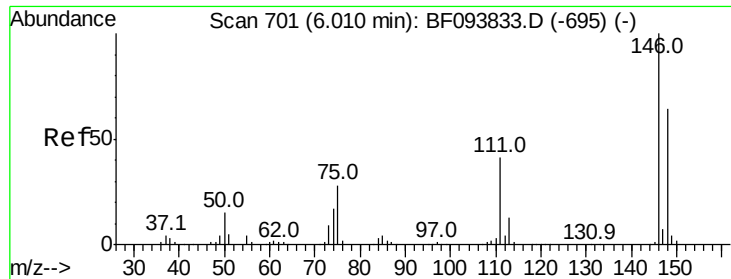
Tot Ion: 93 Resp: 464130
Ion Ratio Lower Upper
93 100
63 76.3 59.2 99.2
95 33.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.71 ng
RT: 5.87 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Tgt Ion: 146 Resp: 517661
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.6
75 27.3 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 40.98 ng

RT: 5.96 min Scan# 692

Delta R.T. -0.02 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

ClientSampleId :

PB97833BS

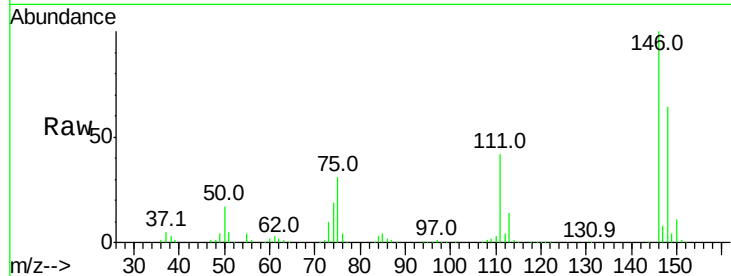
Tot Ion:146 Resp: 527730

Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

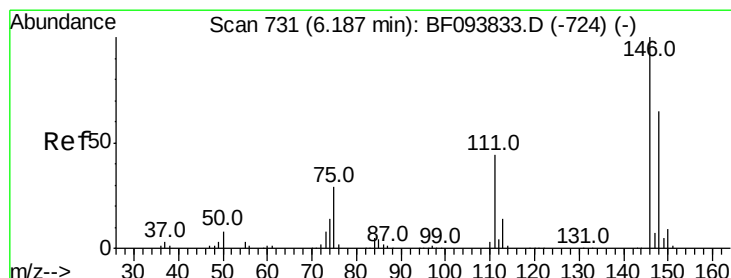
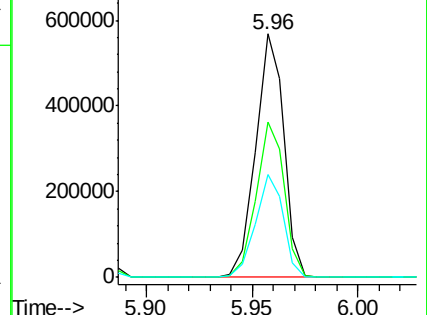
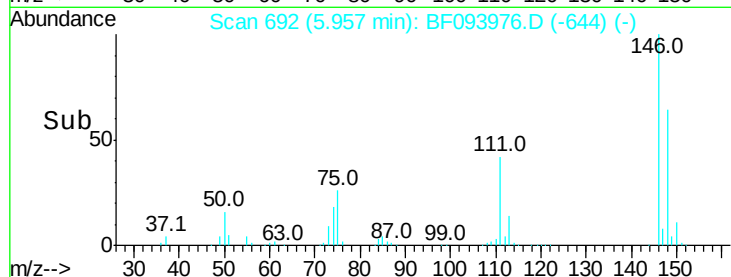
111 42.2 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.34 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

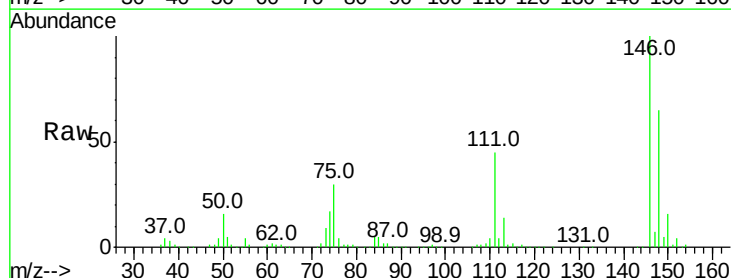
Tgt Ion:146 Resp: 490266

Ion Ratio Lower Upper

146 100

148 64.5 50.4 75.6

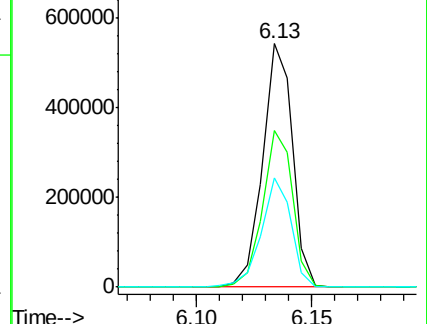
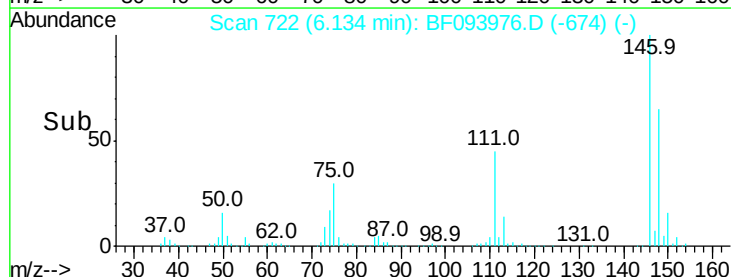
111 44.9 38.2 57.4

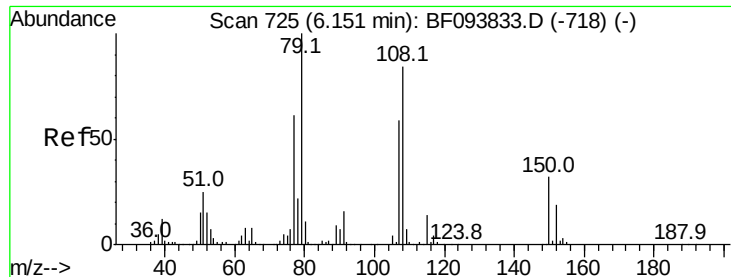


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.69 ng

RT: 6.10 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

ClientSampleId :

PB97833BS

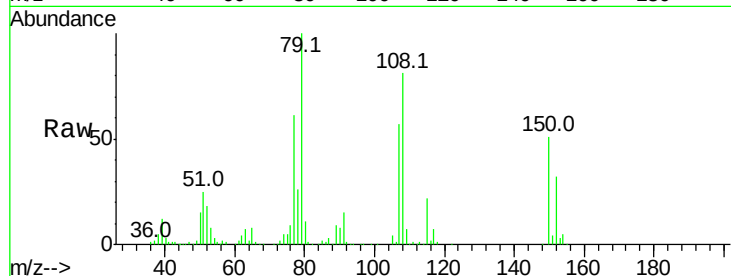
Tot Ion: 79 Resp: 417344

Ion Ratio Lower Upper

79 100

108 80.5 63.4 95.0

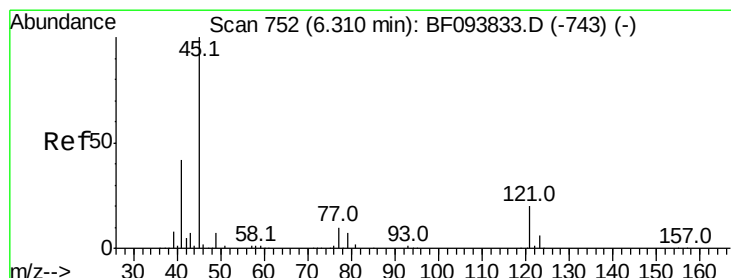
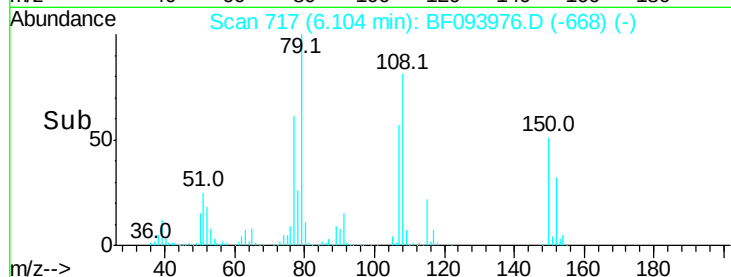
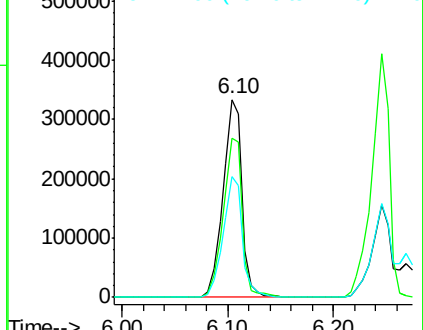
77 60.8 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.53 ng

RT: 6.27 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

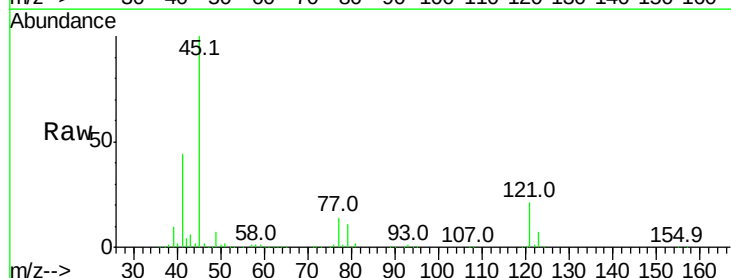
Tgt Ion: 45 Resp: 656136

Ion Ratio Lower Upper

45 100

77 14.4 0.0 33.2

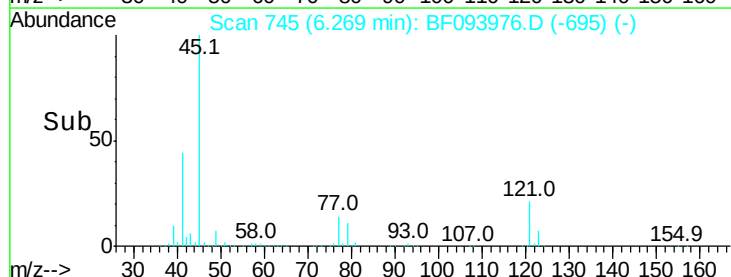
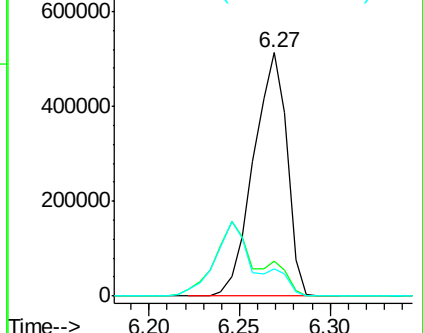
79 11.0 0.0 30.0

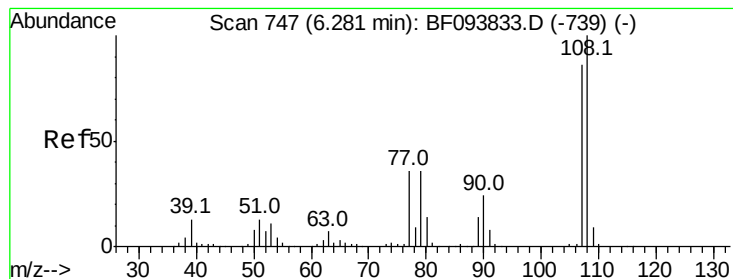


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

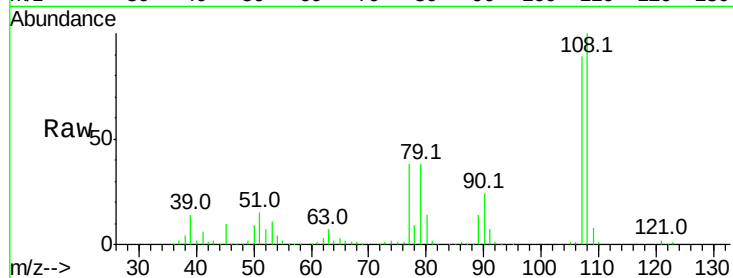




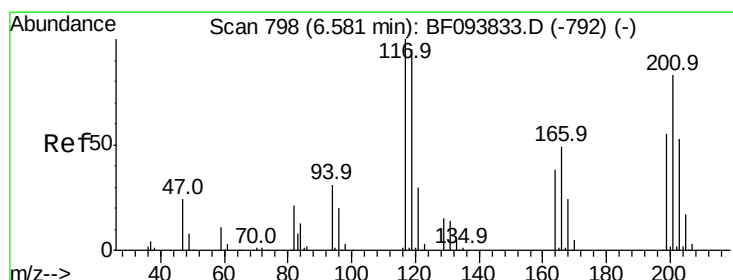
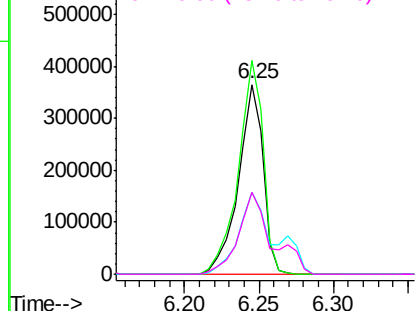
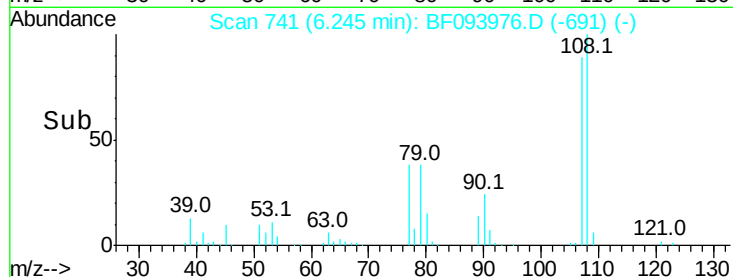
#17
2-Methylphenol
Concen: 43.44 ng
RT: 6.25 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Instrument :
BNA_F
ClientSampleId :
PB97833BS

Tot Ion:107 Resp: 421682
Ion Ratio Lower Upper
107 100
108 112.7 93.4 140.0
77 43.2 35.8 53.6
79 43.1 34.8 52.2

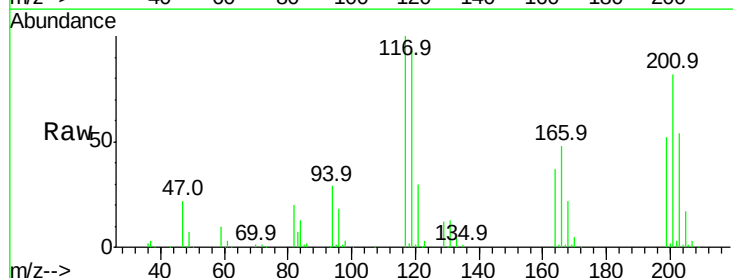


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

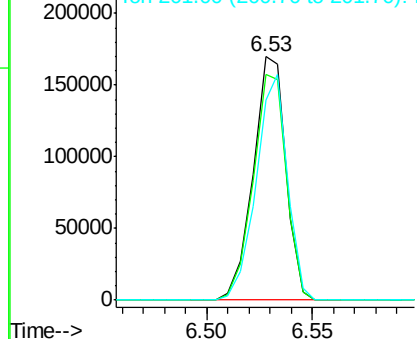
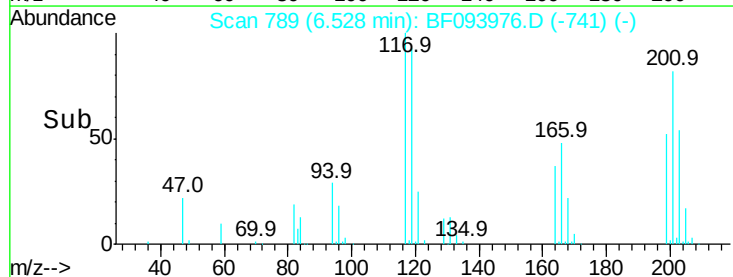


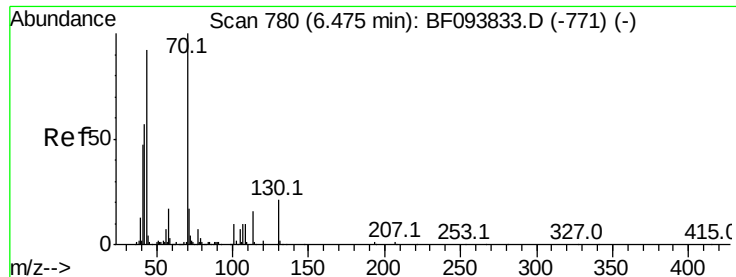
#18
Hexachloroethane
Concen: 40.38 ng
RT: 6.53 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Tgt Ion:117 Resp: 182789
Ion Ratio Lower Upper
117 100
119 92.7 77.4 116.0
201 82.4 94.6 141.8#



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





#19

n-Nitroso-di-n-propylamine

Concen: 40.67 ng

RT: 6.43 min Scan# 772

Delta R.T. -0.01 min

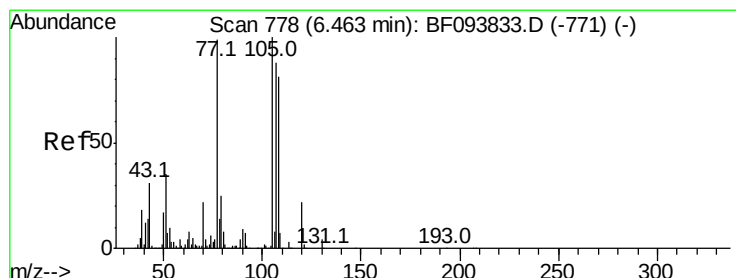
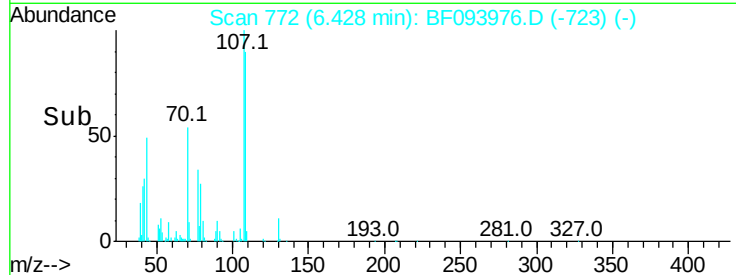
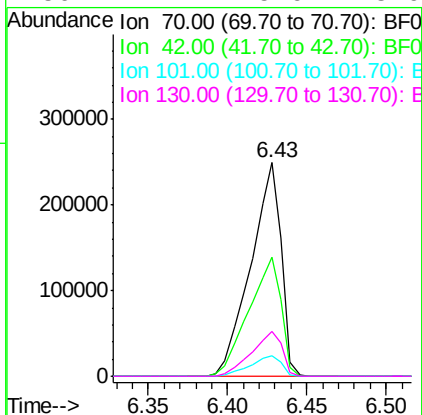
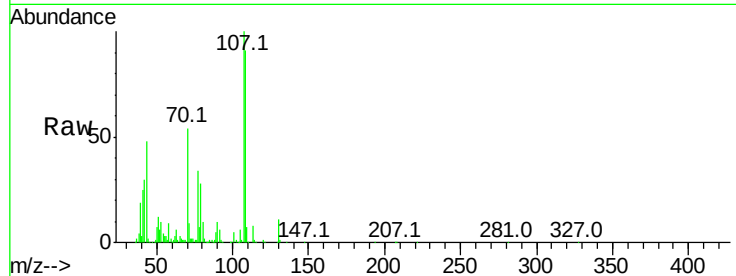
Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :
BNA_F
ClientSampleId :
PB97833BS

Tot Ion: 70 Resp: 333516

Ion	Ratio	Lower	Upper
70	100		
42	55.6	47.2	70.8
101	9.4	7.2	10.8
130	21.1	15.9	23.9



#20

3+4-Methylphenols

Concen: 43.96 ng

RT: 6.43 min Scan# 772

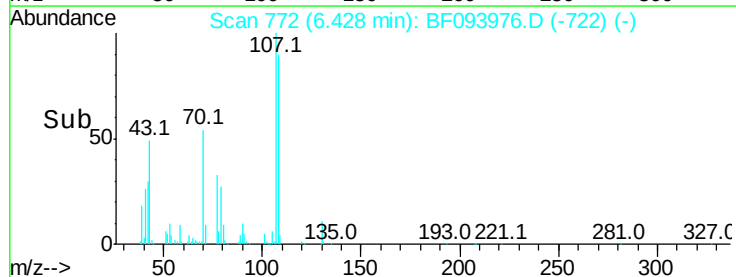
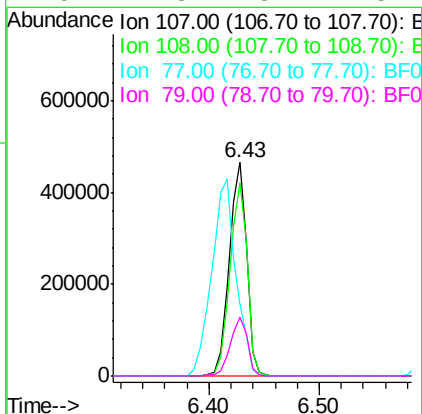
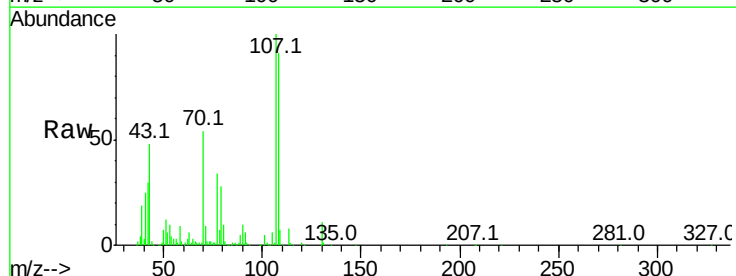
Delta R.T. -0.01 min

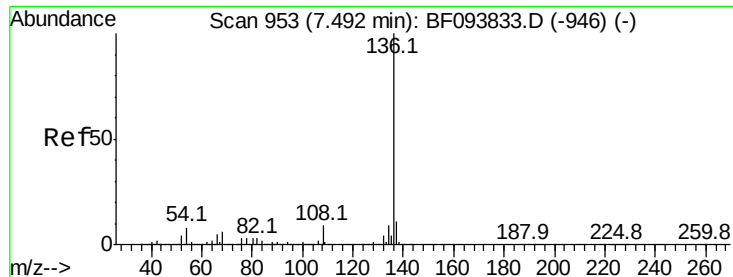
Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Tgt Ion: 107 Resp: 516843

Ion	Ratio	Lower	Upper
107	100		
108	90.8	71.0	111.0
77	33.9	90.5	130.5#
79	27.8	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.45 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

ClientSampleId :

PB97833BS

Tot Ion:136 Resp: 706355

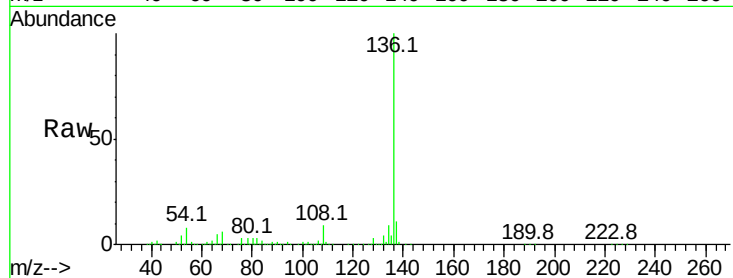
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.5 4.9 7.3#

68 6.0 4.1 6.1

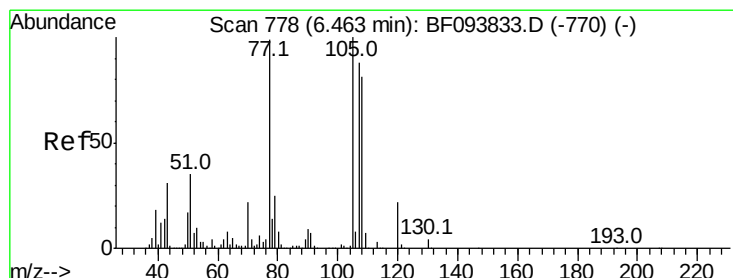
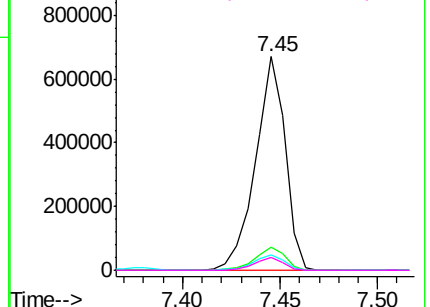
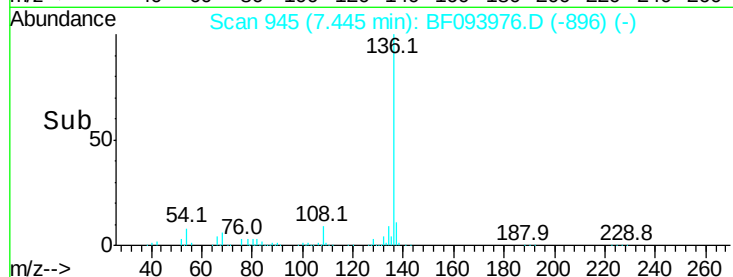


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.76 ng

RT: 6.42 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Tgt Ion:105 Resp: 688920

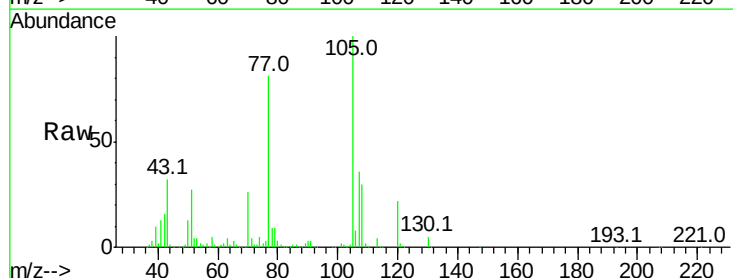
Ion Ratio Lower Upper

105 100

71 4.2 2.8 4.2#

51 27.4 30.7 46.1#

120 21.8 17.4 26.0

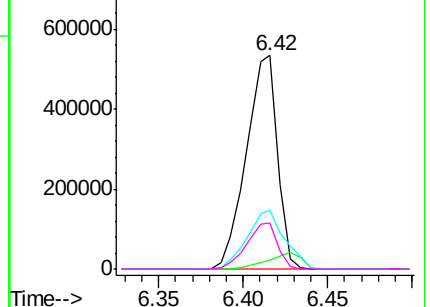
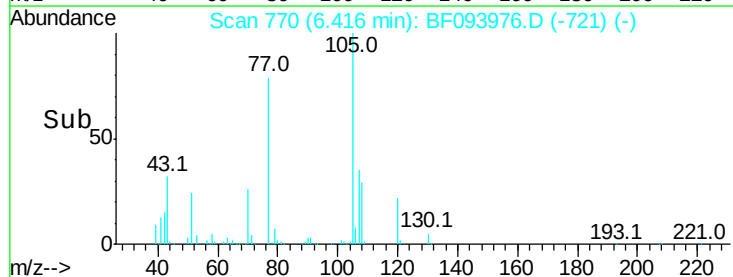


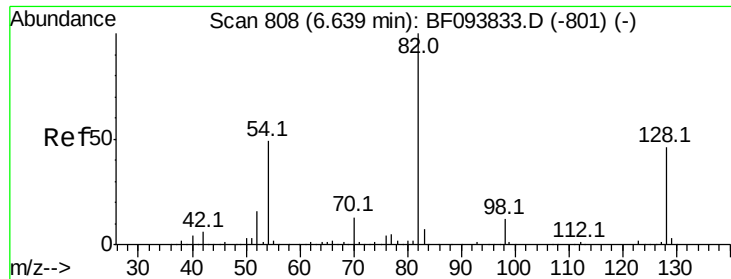
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

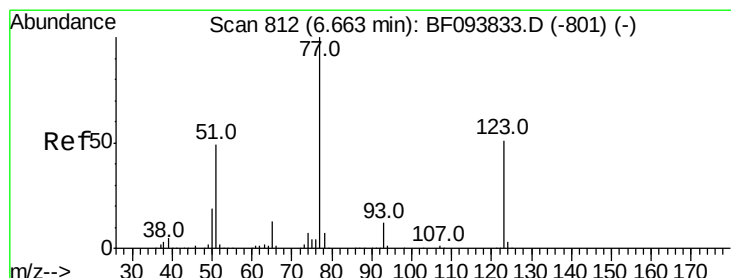
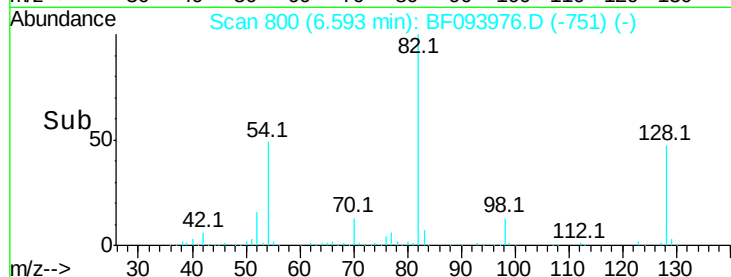
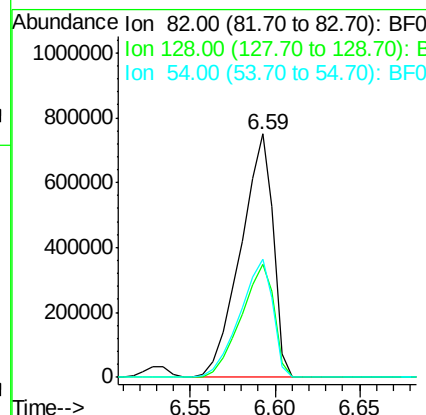
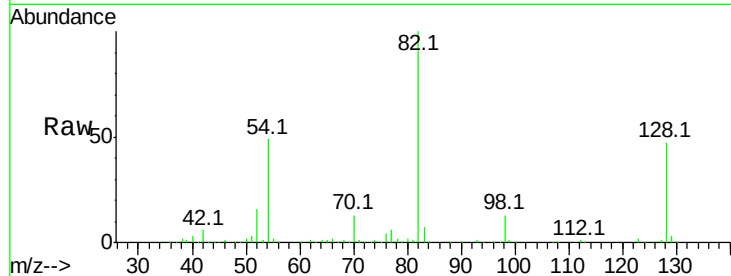




#23
Nitrobenzene-d5
Concen: 81.23 ng
RT: 6.59 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

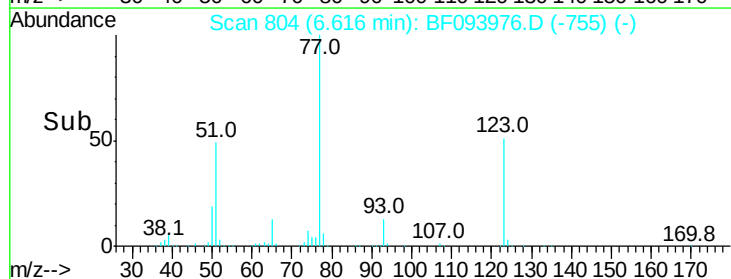
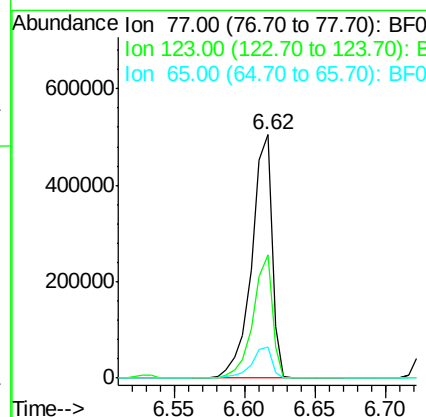
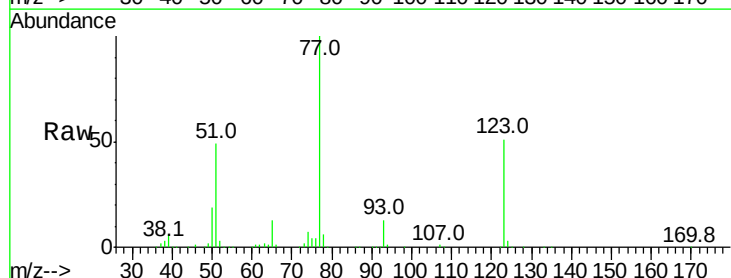
Instrument :
BNA_F
ClientSampleId :
PB97833BS

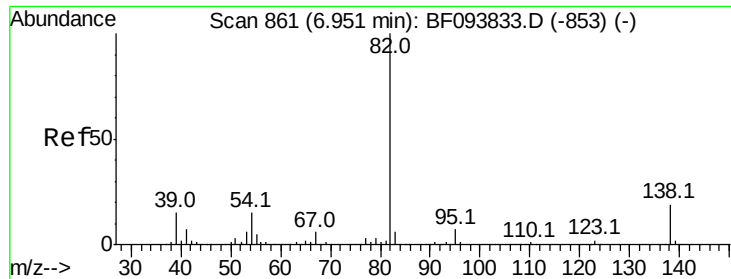
Tot Ion: 82 Resp: 1005440
Ion Ratio Lower Upper
82 100
128 46.6 34.0 51.0
54 48.7 42.2 63.2



#24
Nitrobenzene
Concen: 41.83 ng
RT: 6.62 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Tgt Ion: 77 Resp: 510642
Ion Ratio Lower Upper
77 100
123 50.8 35.8 53.8
65 13.0 10.6 15.8

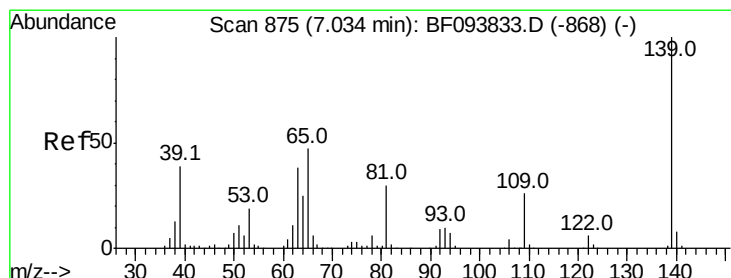
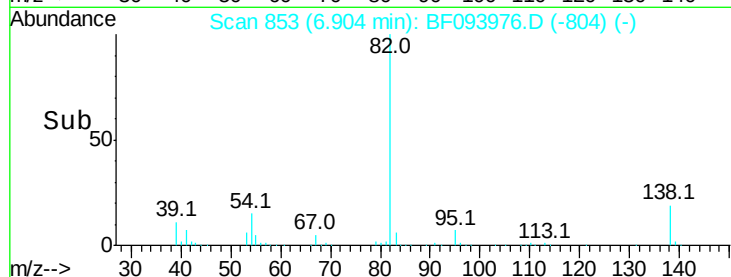
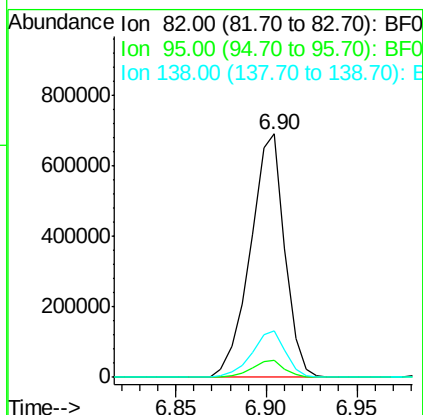
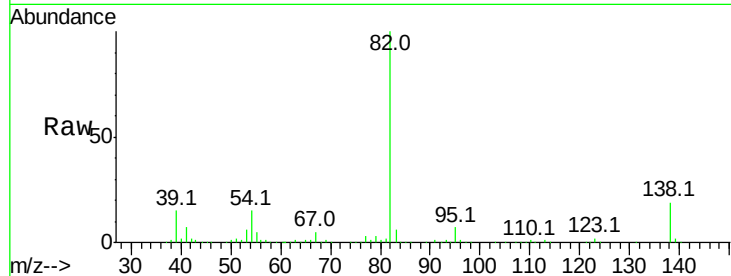




#25
Isophorone
Concen: 41.77 ng
RT: 6.90 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

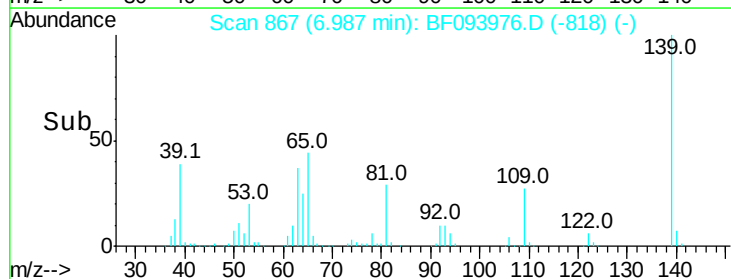
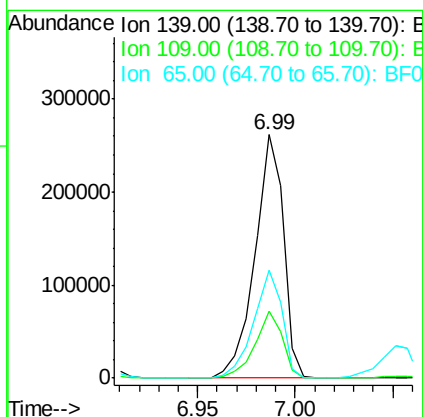
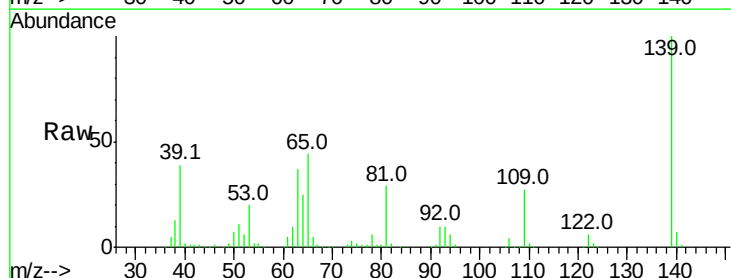
Instrument :
BNA_F
ClientSampleId :
PB97833BS

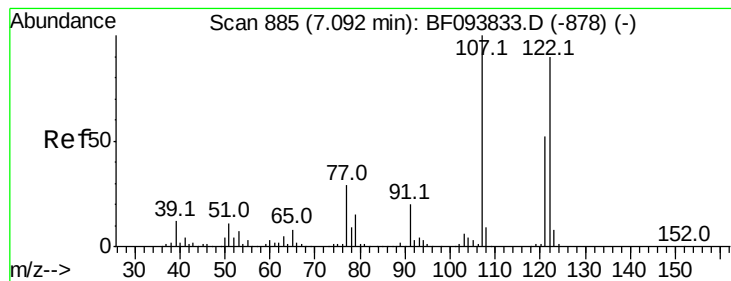
Tot Ion: 82 Resp: 908501
Ion Ratio Lower Upper
82 100
95 7.0 5.3 7.9
138 19.2 13.1 19.7



#26
2-Nitrophenol
Concen: 45.58 ng
RT: 6.99 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Tgt Ion: 139 Resp: 265321
Ion Ratio Lower Upper
139 100
109 27.3 21.0 31.6
65 44.4 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 45.60 ng

RT: 7.05 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

ClientSampleId :

PB97833BS

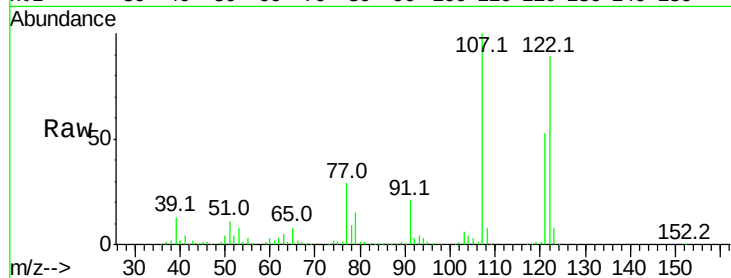
Tot Ion:122 Resp: 457422

Ion Ratio Lower Upper

122 100

107 112.9 89.2 133.8

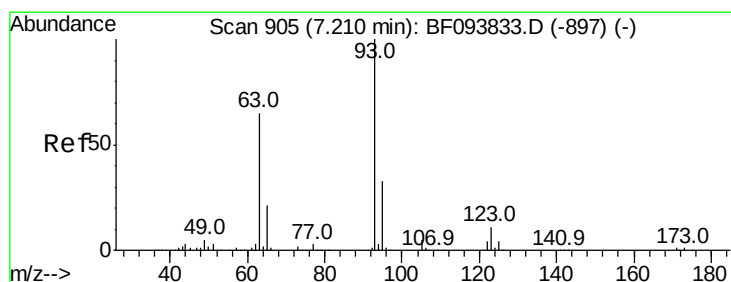
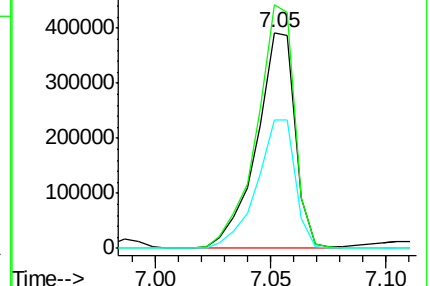
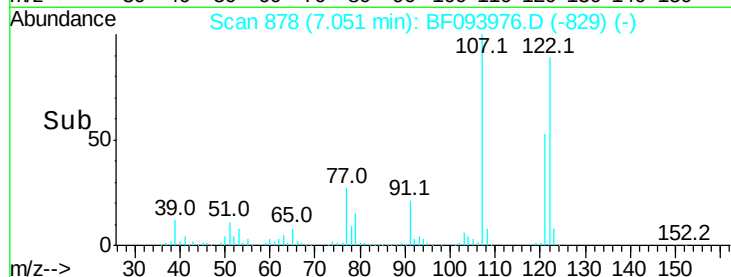
121 59.6 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.99 ng

RT: 7.16 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

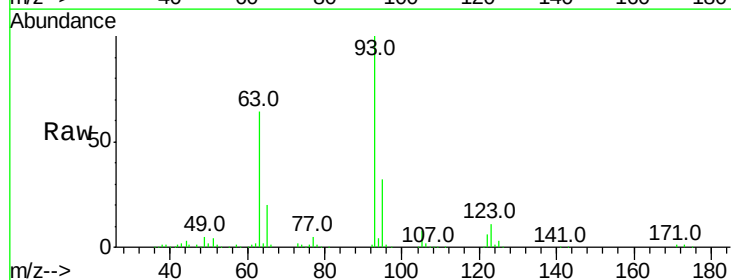
Tgt Ion: 93 Resp: 587888

Ion Ratio Lower Upper

93 100

95 31.5 26.5 39.7

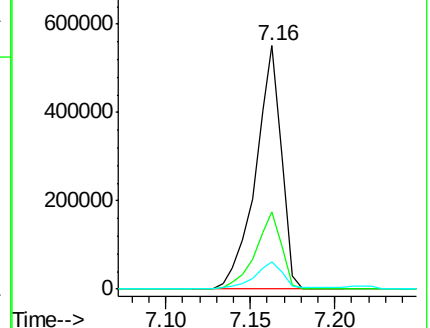
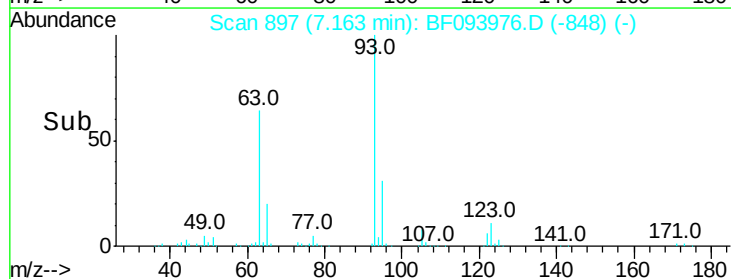
123 11.5 9.0 13.4

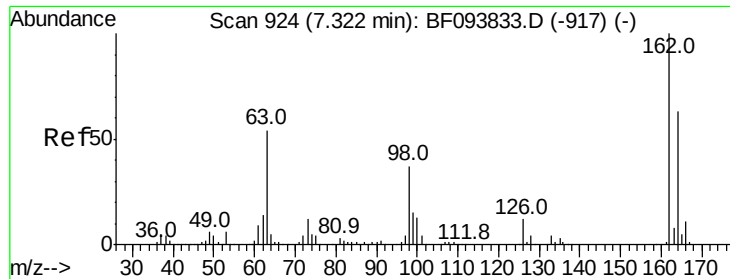


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

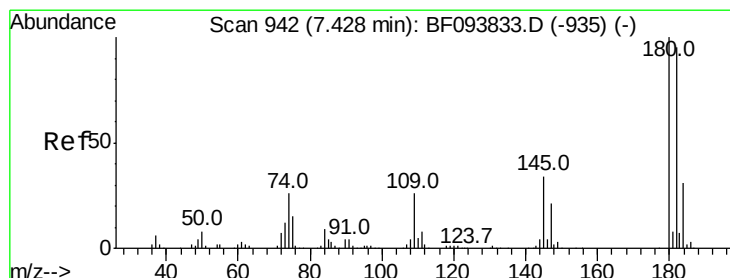
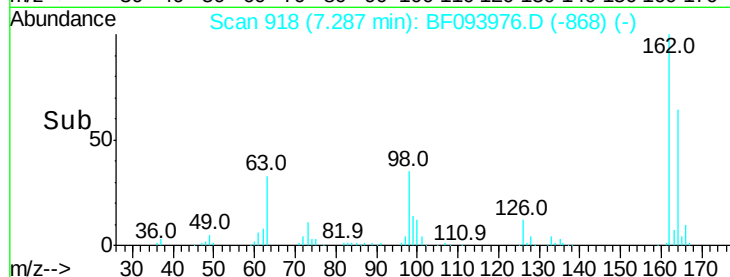
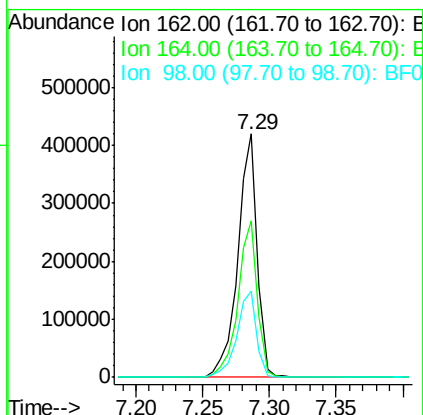
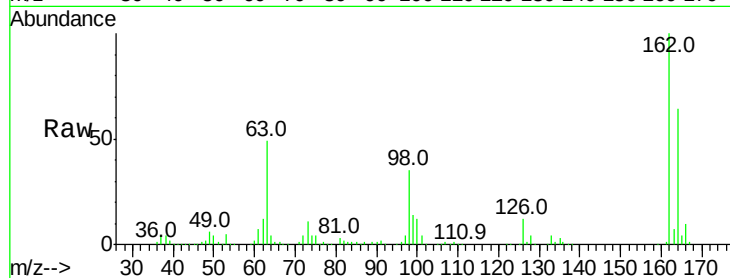




#29
 2,4-Dichlorophenol
 Concen: 45.29 ng
 RT: 7.29 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

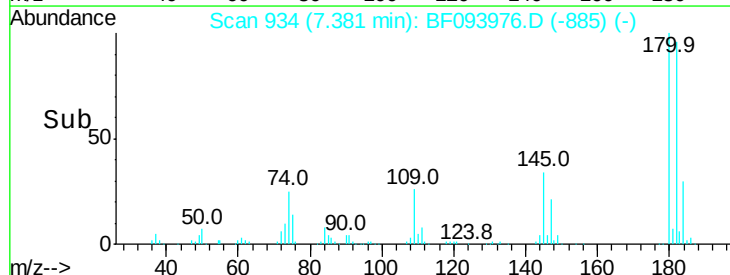
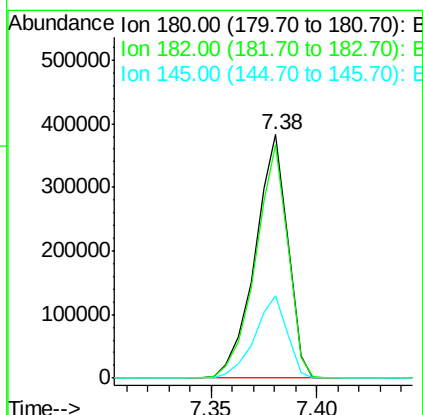
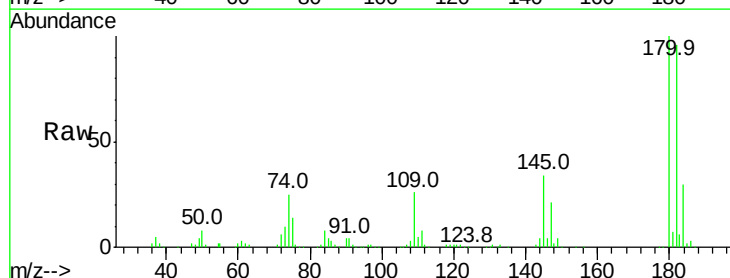
Instrument :
 BNA_F
 ClientSampleId :
 PB97833BS

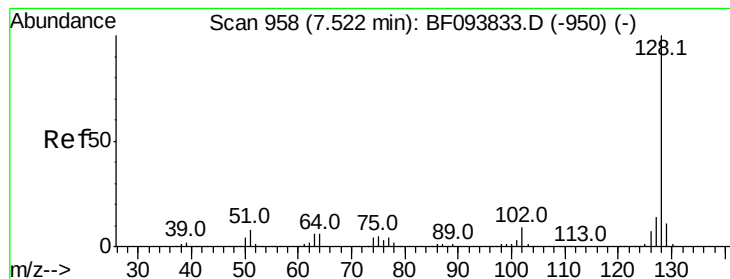
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.6	84.6
98	35.2	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 42.66 ng
 RT: 7.38 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.8	113.6
145	33.7	25.3	37.9





#31

Naphthalene

Concen: 40.74 ng

RT: 7.47 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

ClientSampleId :

PB97833BS

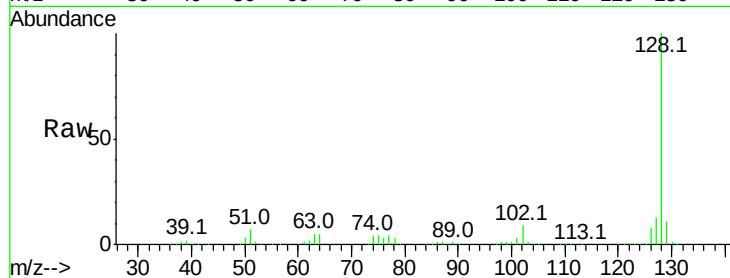
Tot Ion:128 Resp: 1383555

Ion Ratio Lower Upper

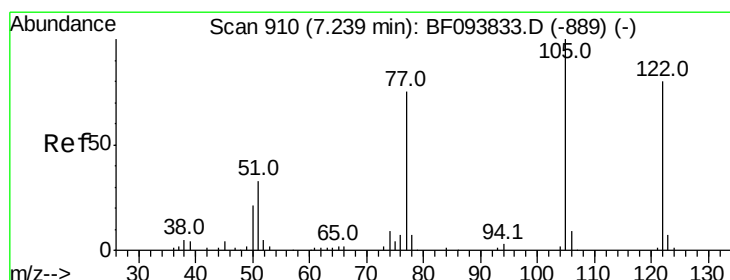
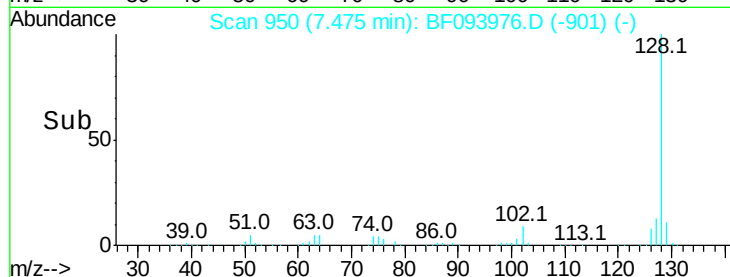
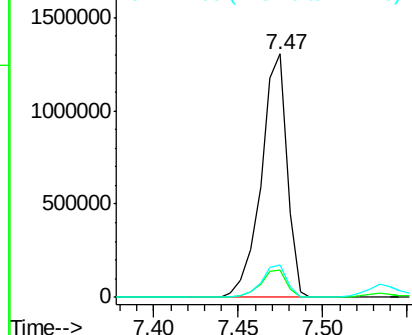
128 100

129 11.2 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: 46.88 ng

RT: 7.22 min Scan# 907

Delta R.T. 0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

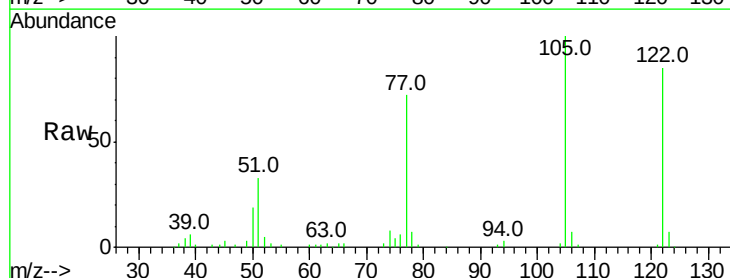
Tgt Ion:122 Resp: 313008

Ion Ratio Lower Upper

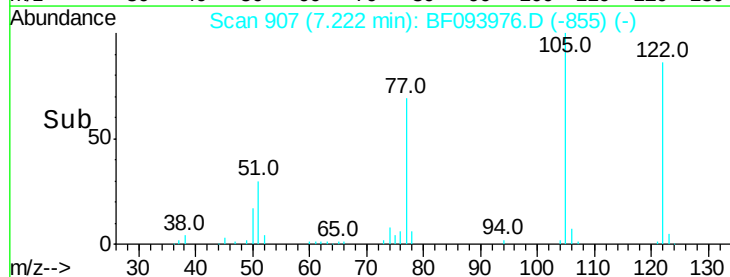
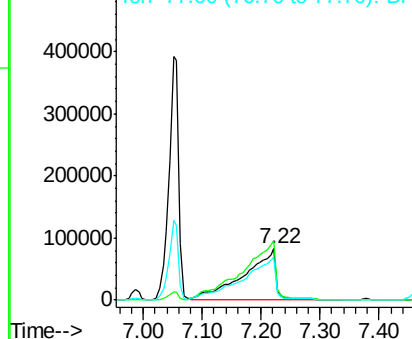
122 100

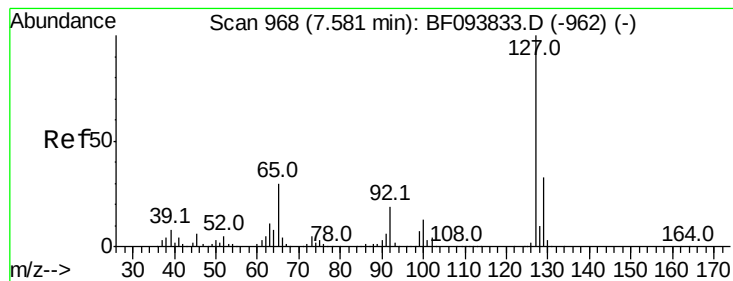
105 117.1 103.3 143.3

77 84.6 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: 7.38 ng

RT: 7.53 min Scan# 960

Delta R.T. -0.02 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

ClientSampleId :

PB97833BS

Tot Ion:127 Resp: 101622

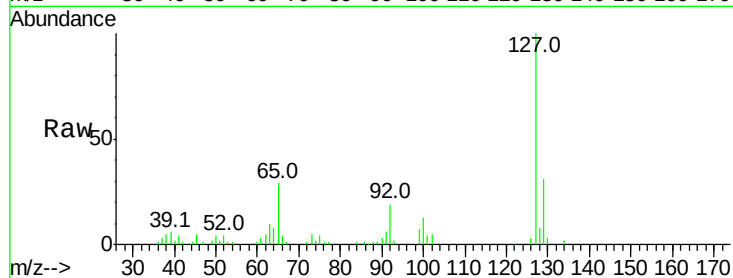
Ion Ratio Lower Upper

127 100

129 30.6 26.2 39.2

65 28.5 27.8 41.8

92 18.6 16.8 25.2

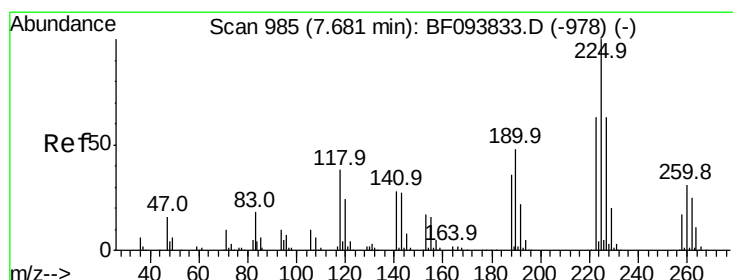
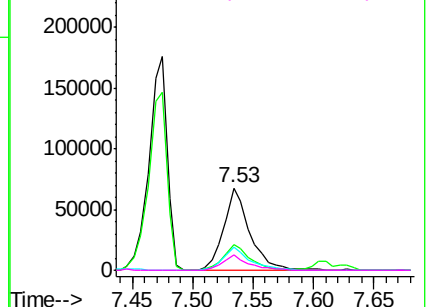
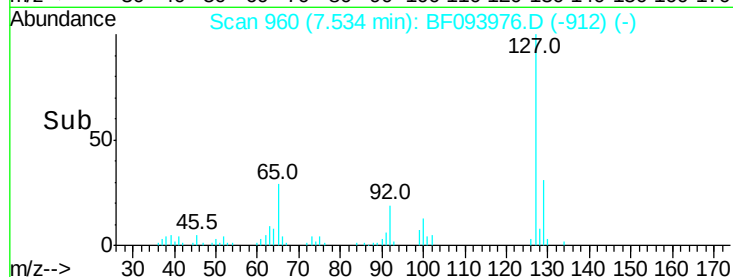


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 41.98 ng

RT: 7.63 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

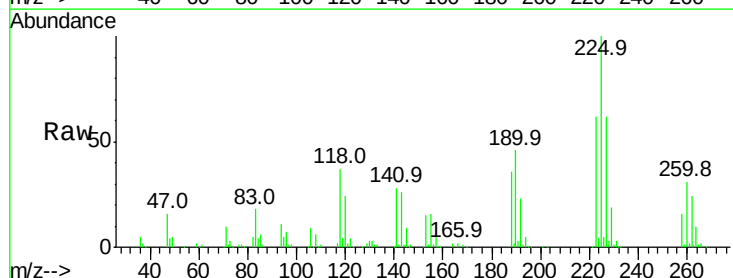
Tgt Ion:225 Resp: 207972

Ion Ratio Lower Upper

225 100

223 62.1 48.8 73.2

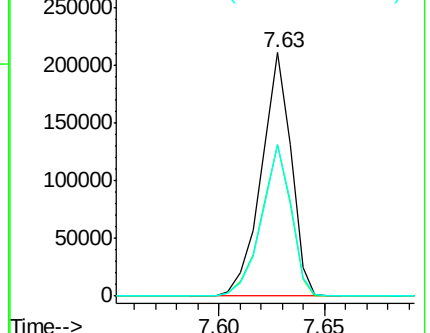
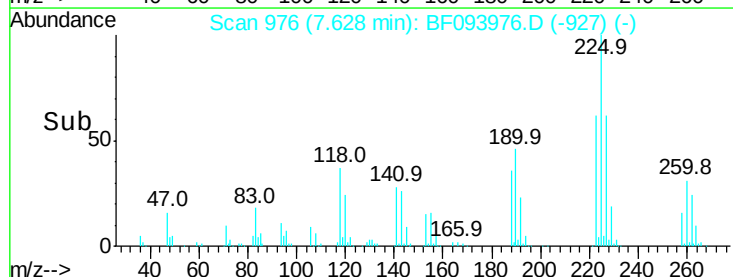
227 62.0 51.1 76.7

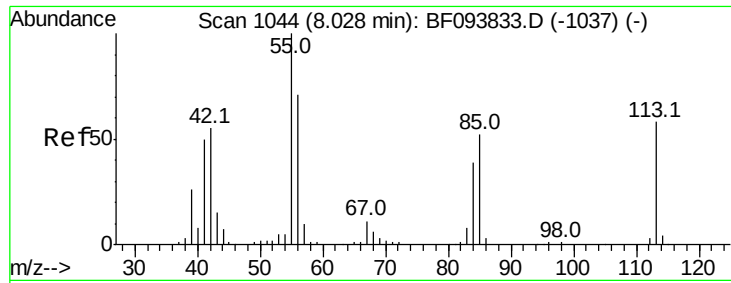


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

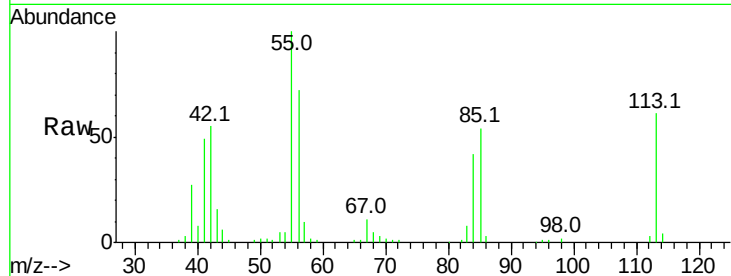




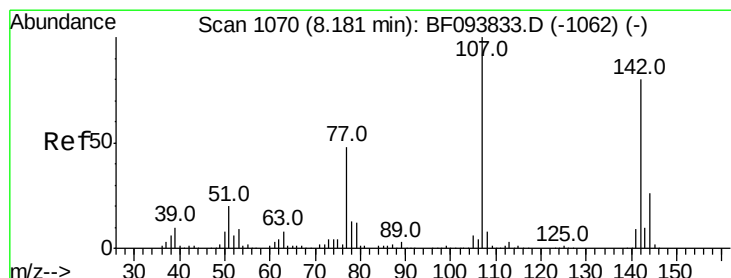
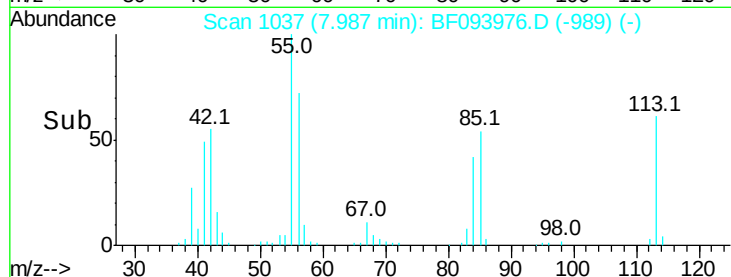
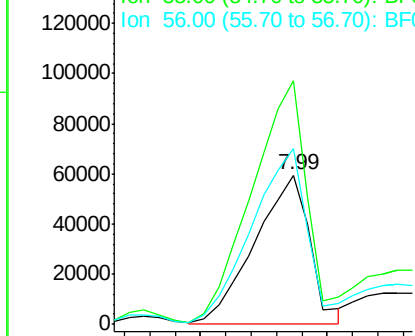
#35
 Caprolactam
 Concen: 30.16 ng
 RT: 7.99 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BS

Tot Ion:113 Resp: 90192
 Ion Ratio Lower Upper
 113 100
 55 163.1 150.2 190.2
 56 118.1 107.8 147.8

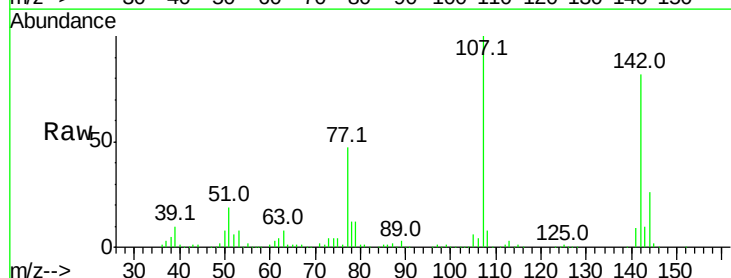


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

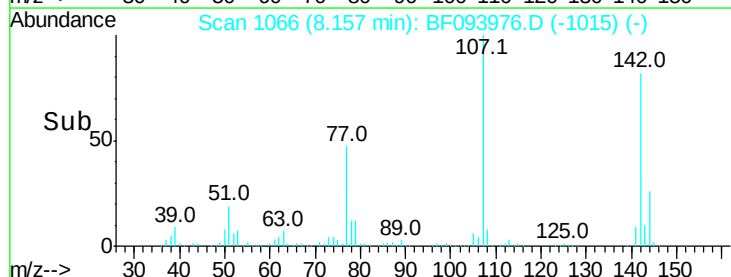
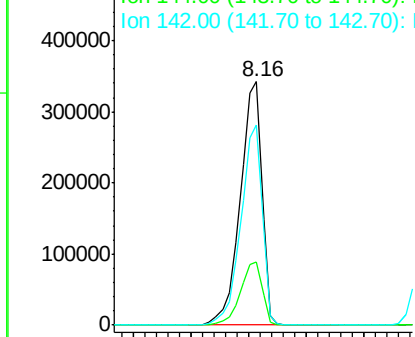


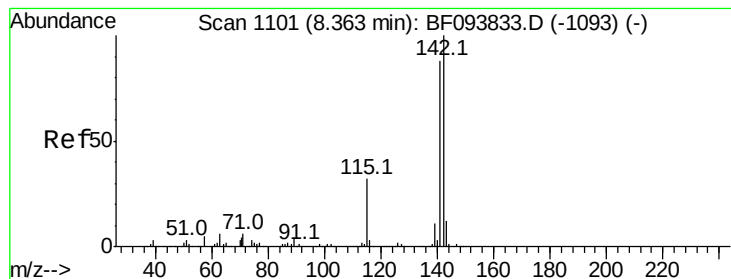
#36
 4-Chloro-3-methylphenol
 Concen: 45.47 ng
 RT: 8.16 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Tgt Ion:107 Resp: 445615
 Ion Ratio Lower Upper
 107 100
 144 25.7 24.2 36.4
 142 82.3 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: 42.40 ng

RT: 8.32 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

ClientSampleId :

PB97833BS

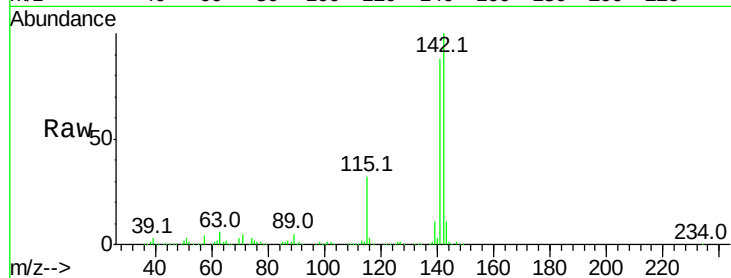
Tot Ion:142 Resp: 959944

Ion Ratio Lower Upper

142 100

141 87.6 71.3 106.9

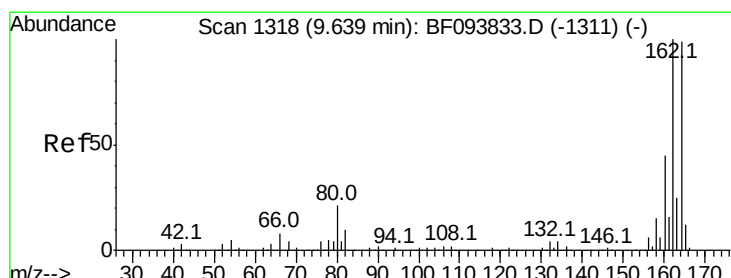
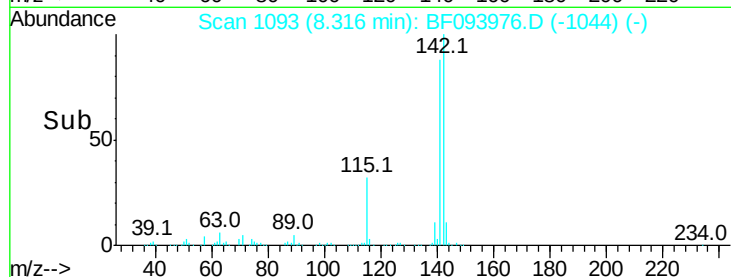
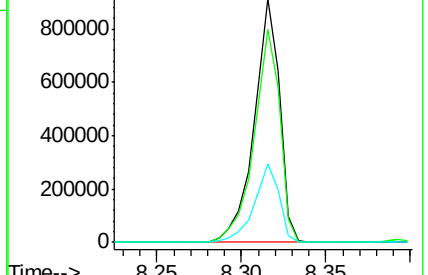
115 32.5 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

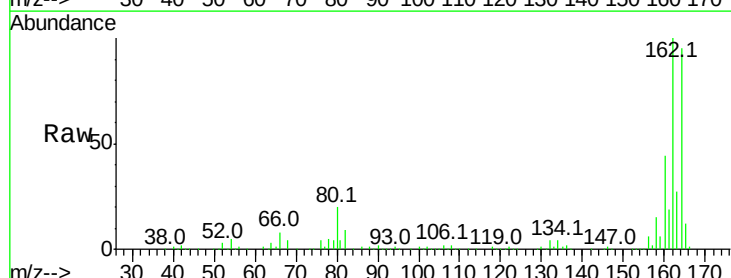
Tgt Ion:164 Resp: 306816

Ion Ratio Lower Upper

164 100

162 104.7 82.6 123.8

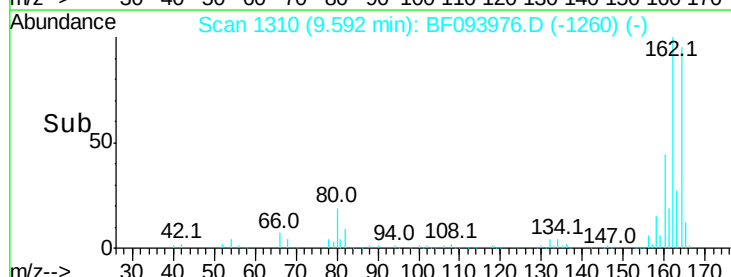
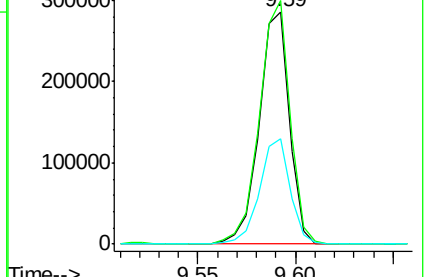
160 45.6 36.2 54.2

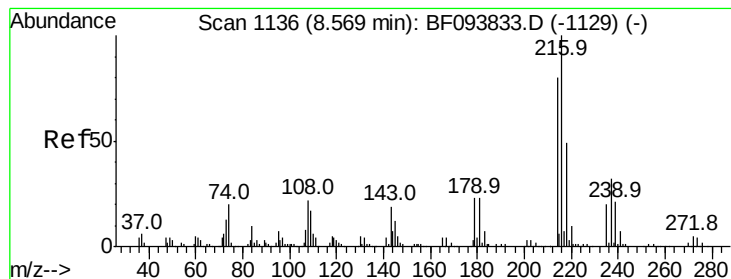


Abundance Ion 164.00 (163.70 to 164.70): E

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: 42.22 ng

RT: 8.52 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

ClientSampleId :

PB97833BS

Tot Ion:216 Resp: 354398

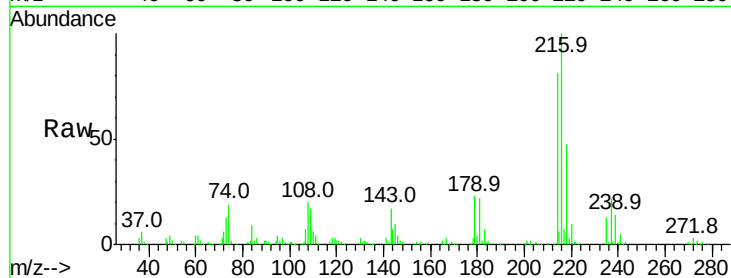
Ion Ratio Lower Upper

216 100

214 80.4 63.4 95.2

179 22.5 17.9 26.9

108 21.3 16.5 24.7

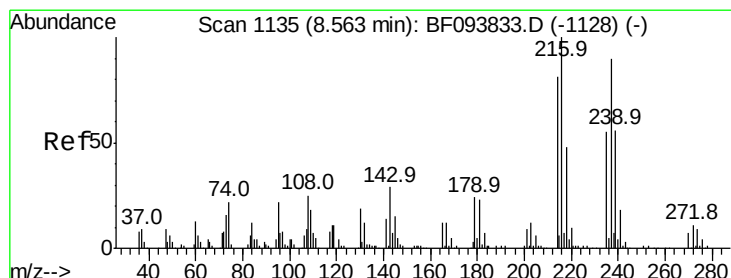
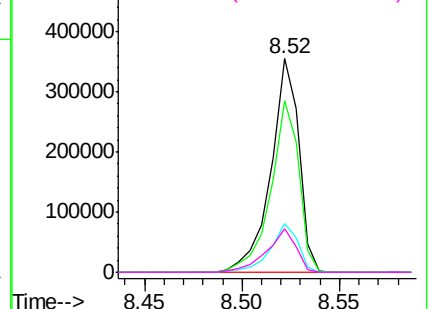
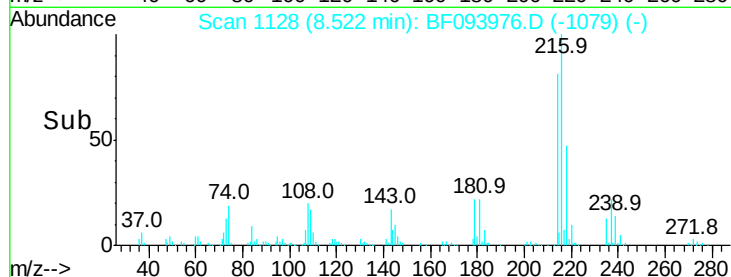


Abundance Ion 216.00 (215.70 to 216.70): E

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: 59.62 ng

RT: 8.52 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

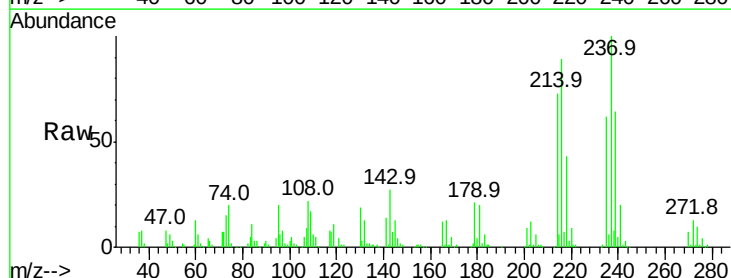
Tgt Ion:237 Resp: 234173

Ion Ratio Lower Upper

237 100

235 62.1 42.6 82.6

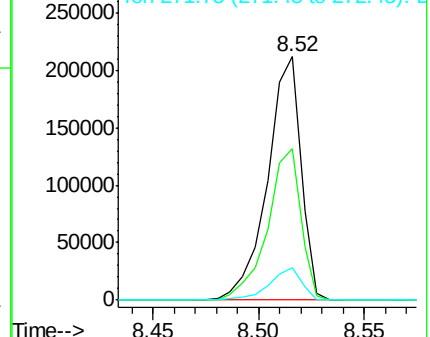
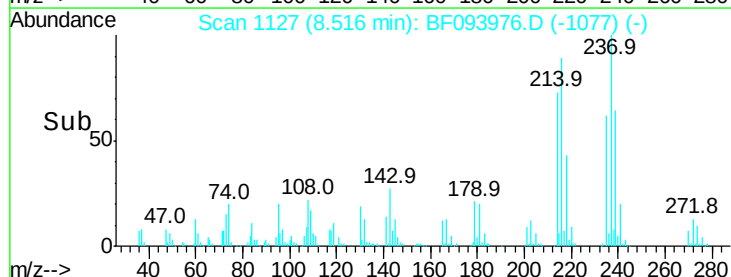
272 13.2 0.0 31.9

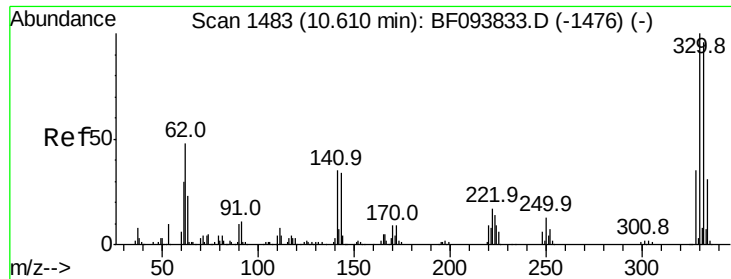


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 90.85 ng

RT: 10.56 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

ClientSampleId :

PB97833BS

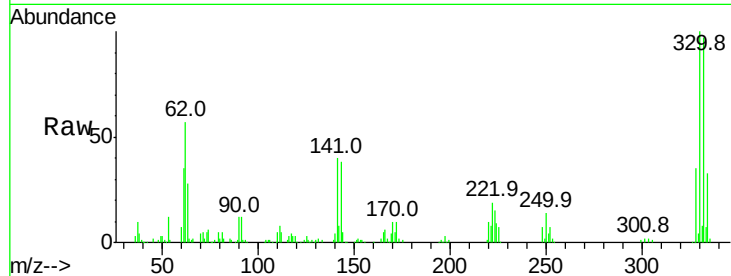
Tot Ion:330 Resp: 220262

Ion Ratio Lower Upper

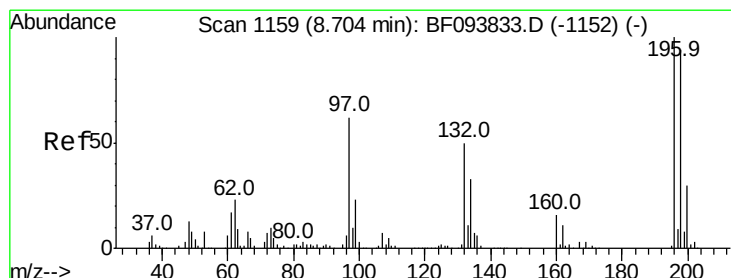
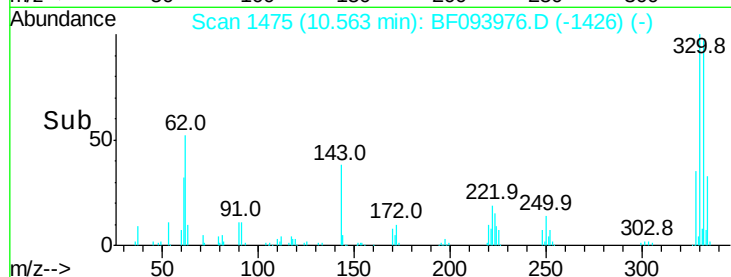
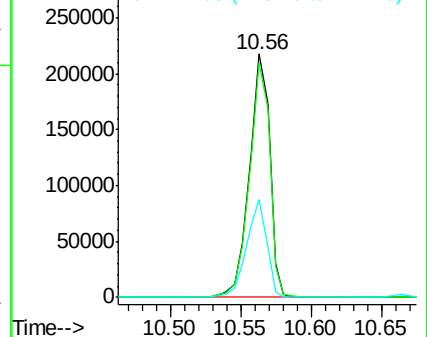
330 100

332 96.5 76.6 115.0

141 39.5 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: 46.86 ng

RT: 8.67 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

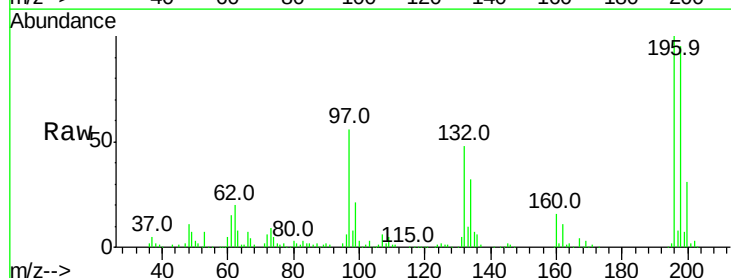
Tgt Ion:196 Resp: 278293

Ion Ratio Lower Upper

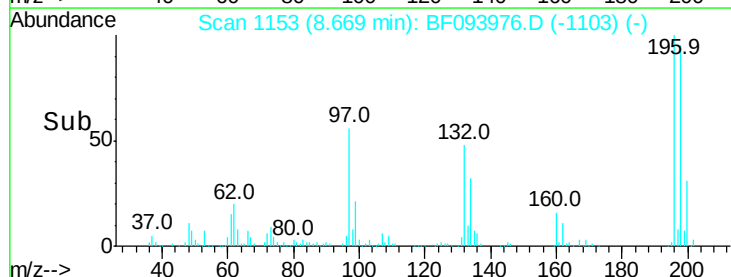
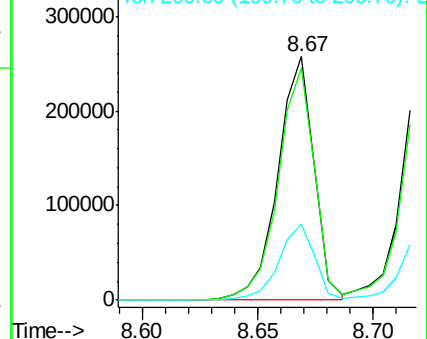
196 100

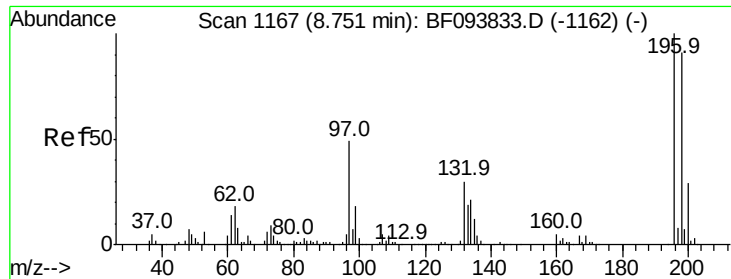
198 95.3 74.2 111.4

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

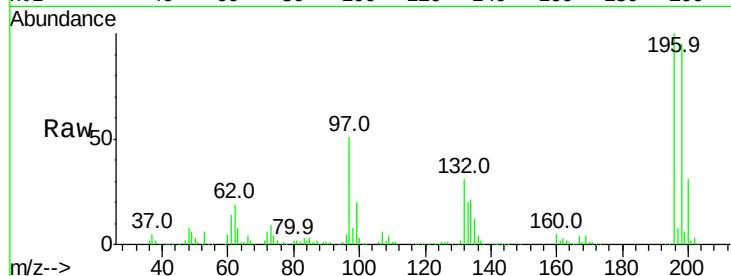




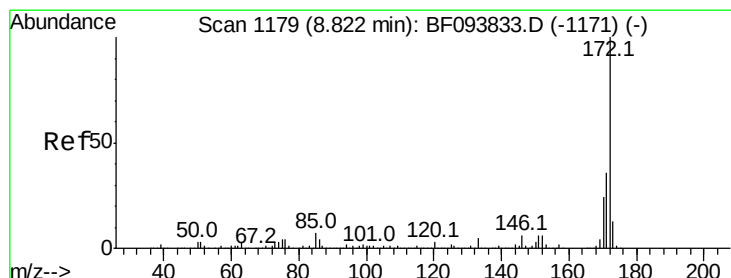
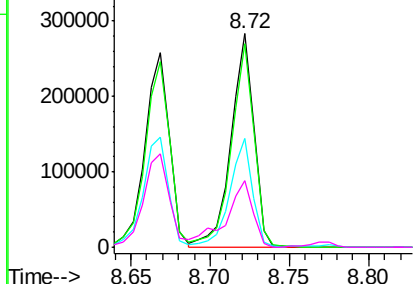
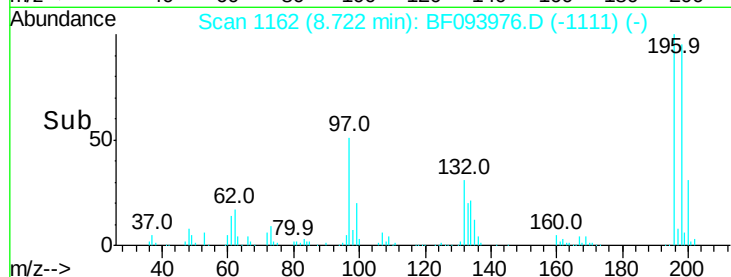
#43
 2,4,5-Trichlorophenol
 Concen: 44.42 ng
 RT: 8.72 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BS

Tot Ion:196 Resp: 285406
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.7 113.5
 97 51.2 47.7 71.5
 132 31.1 28.0 42.0

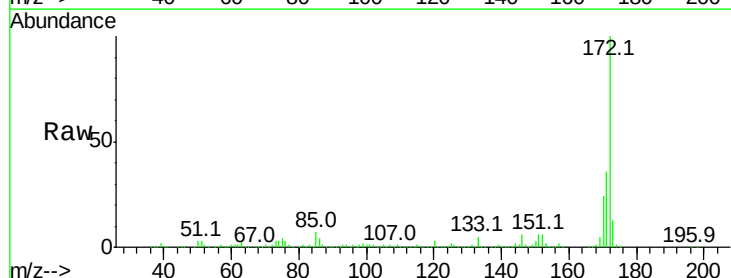


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

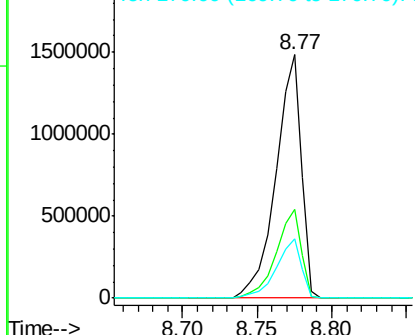
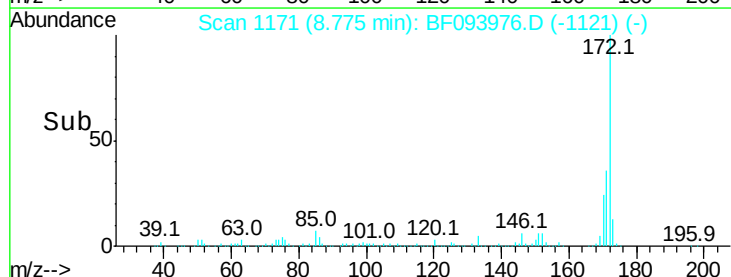


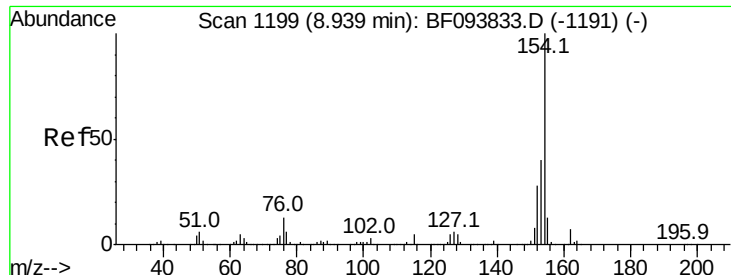
#44
 2-Fluorobiphenyl
 Concen: 87.91 ng
 RT: 8.77 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Tgt Ion:172 Resp: 1768277
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.2 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



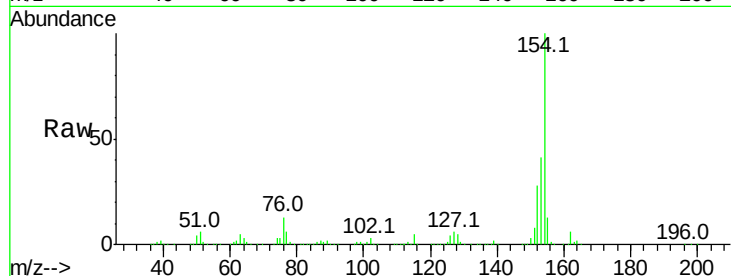


#45
 1,1'-Biphenyl
 Concen: 43.25 ng
 RT: 8.89 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

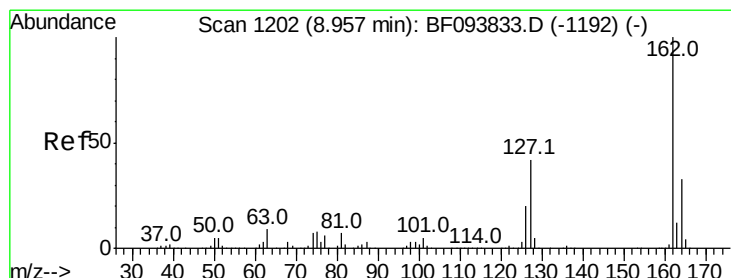
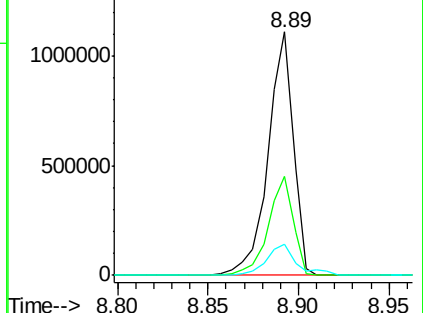
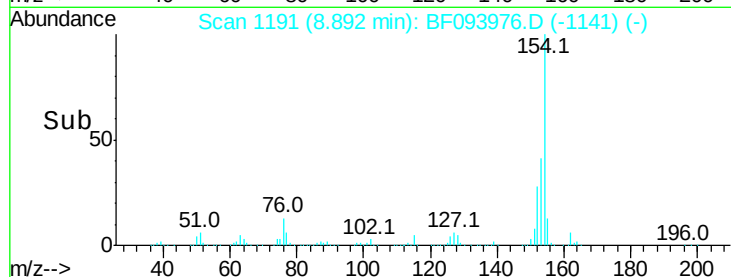
Instrument :
 BNA_F
 ClientSampleID :
 PB97833BS

Tot Ion:154 Resp: 1070334

Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.2	61.2
76	12.6	0.0	29.9



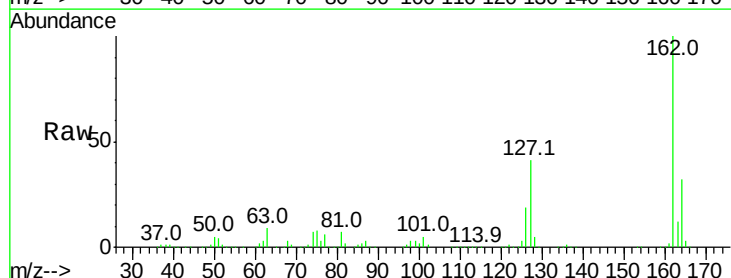
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



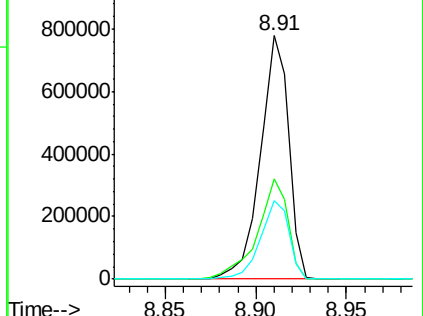
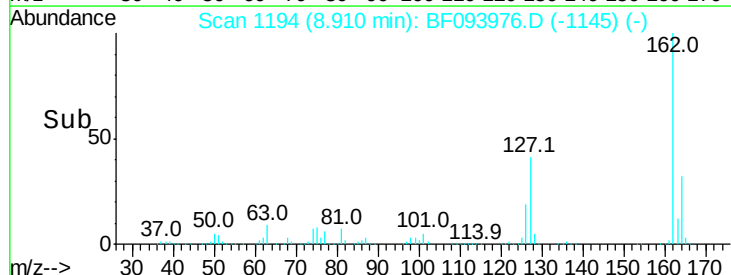
#46
 2-Chloronaphthalene
 Concen: 43.39 ng
 RT: 8.91 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

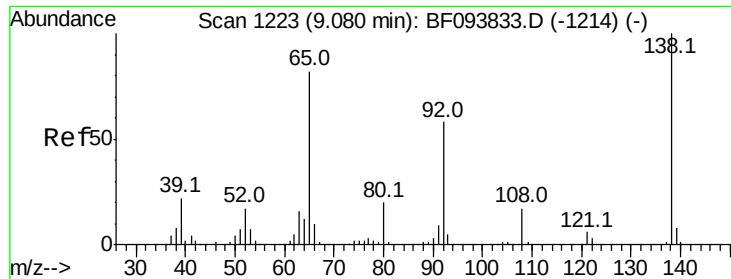
Tgt Ion:162 Resp: 840613

Ion	Ratio	Lower	Upper
162	100		
127	40.9	28.3	42.5
164	32.2	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

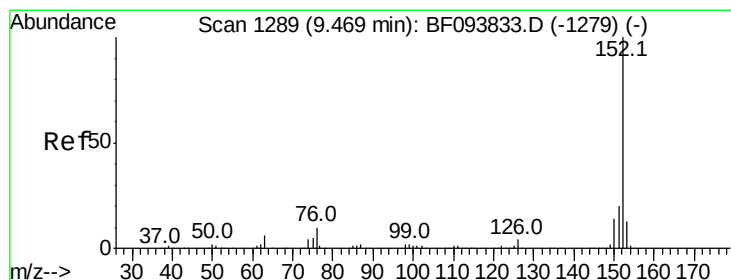
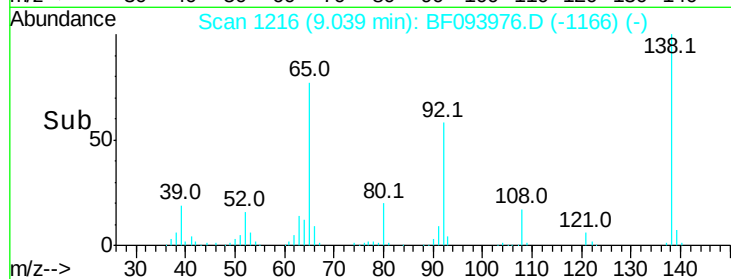
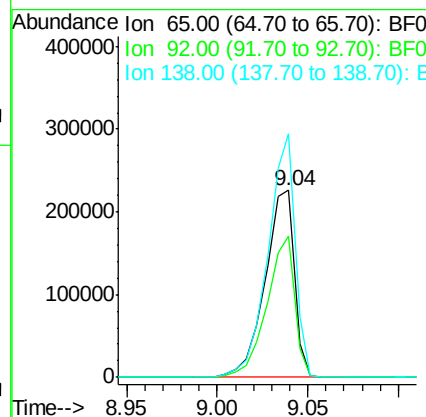
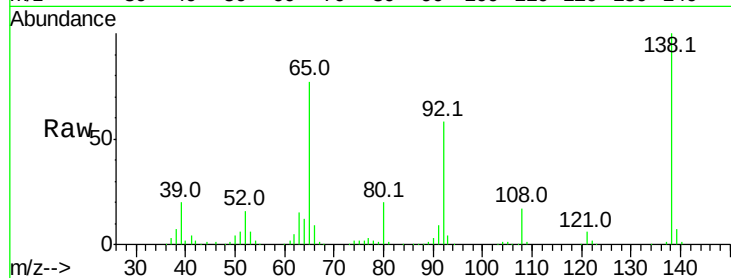




#47
 2-Nitroaniline
 Concen: 44.28 ng
 RT: 9.04 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

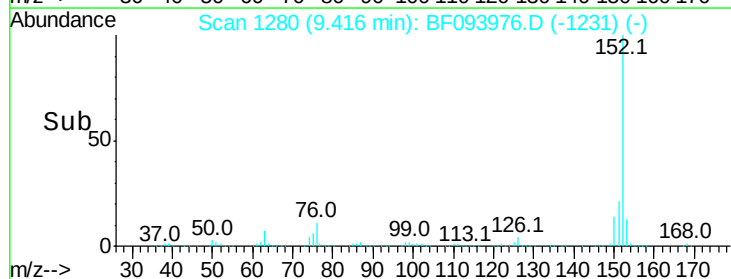
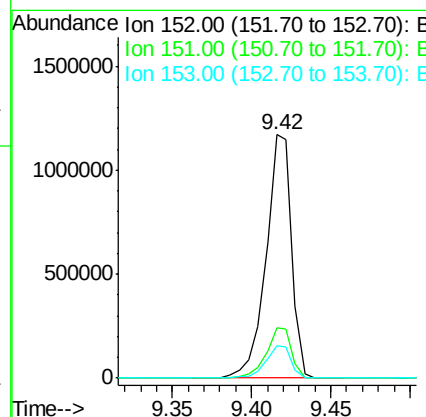
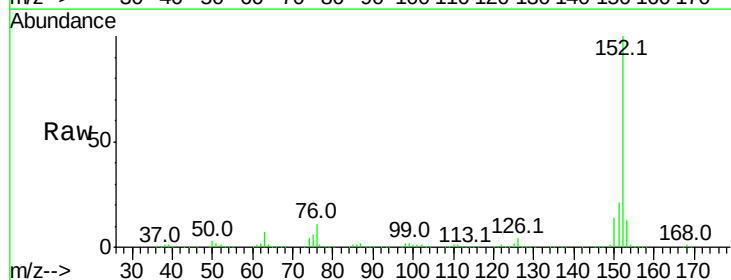
Instrument :
 BNA_F
 ClientSampleId :
 PB97833BS

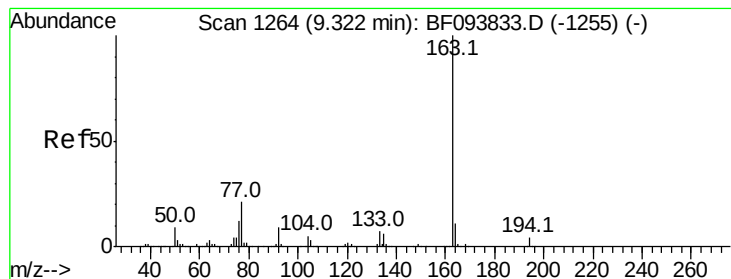
Tot Ion: 65 Resp: 254462
 Ion Ratio Lower Upper
 65 100
 92 75.5 53.9 80.9
 138 130.3 78.8 118.2#



#48
 Acenaphthylene
 Concen: 40.84 ng
 RT: 9.42 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Tgt Ion:152 Resp: 1315015
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.8 25.2
 153 13.5 10.8 16.2





#49

Dimethylphthalate

Concen: 45.79 ng

RT: 9.28 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

ClientSampleId :

PB97833BS

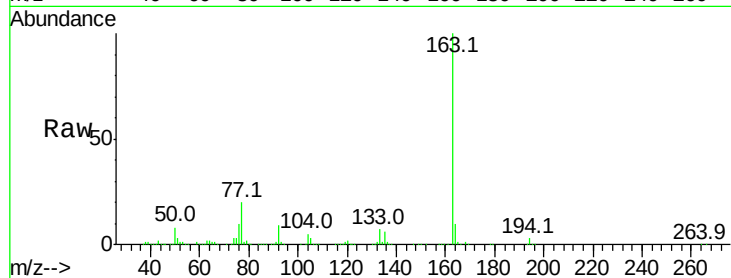
Tot Ion:163 Resp: 998596

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

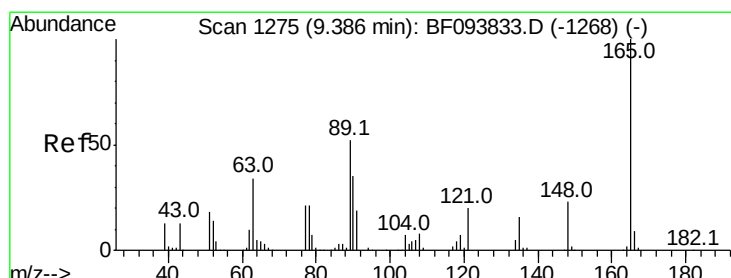
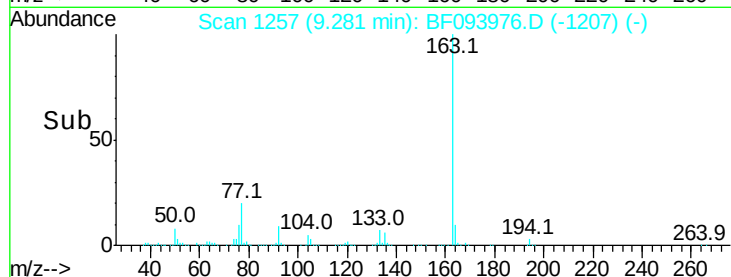
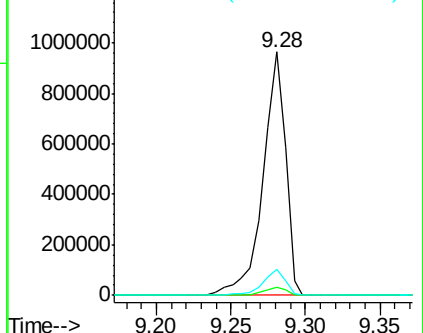
164 10.5 8.4 12.6



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: 44.96 ng

RT: 9.35 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

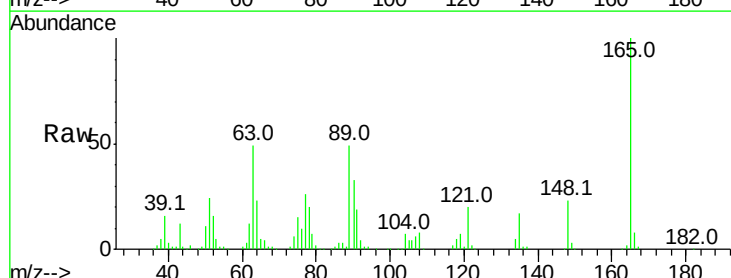
Tgt Ion:165 Resp: 224791

Ion Ratio Lower Upper

165 100

63 48.6 34.3 51.5

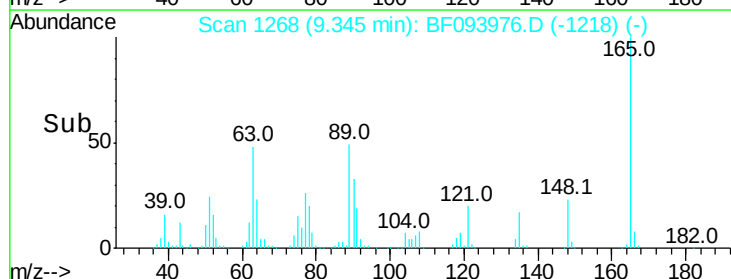
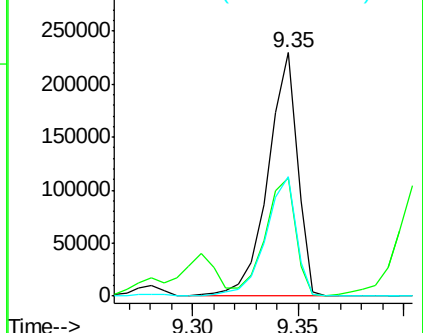
89 48.8 37.1 55.7

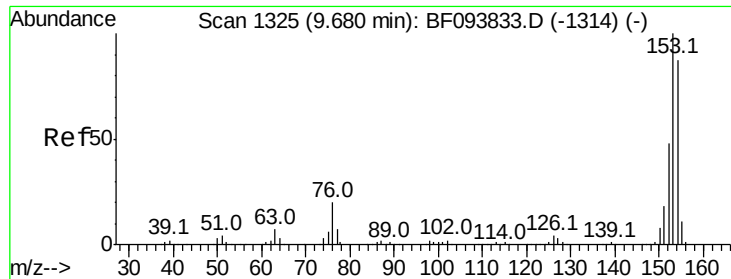


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.37 ng

RT: 9.63 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

ClientSampleId :

PB97833BS

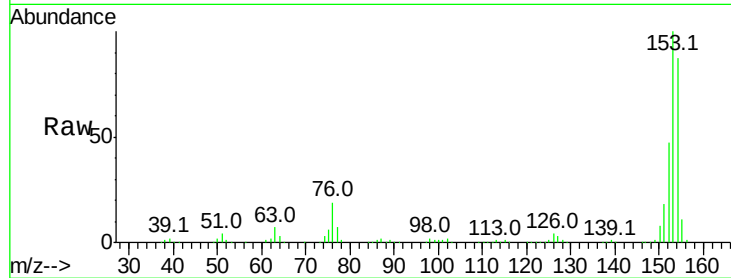
Tot Ion:154 Resp: 777264

Ion Ratio Lower Upper

154 100

153 114.9 90.5 135.7

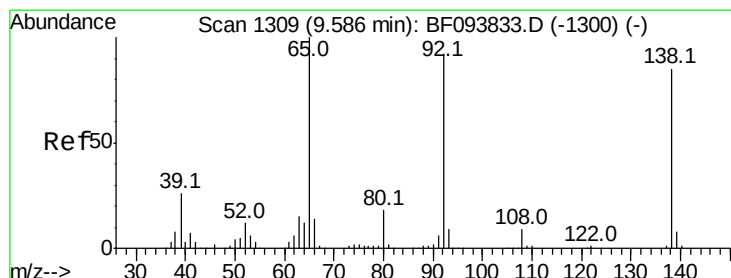
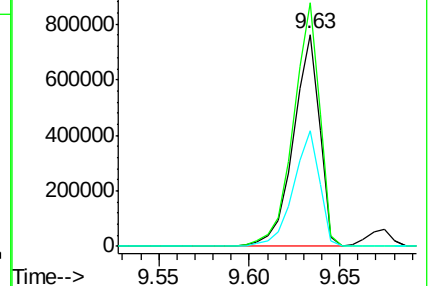
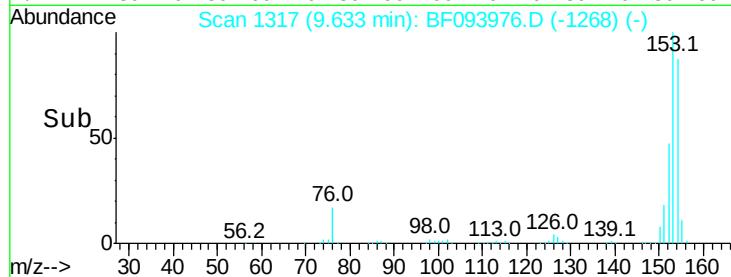
152 54.5 43.6 65.4



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: 22.52 ng

RT: 9.54 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

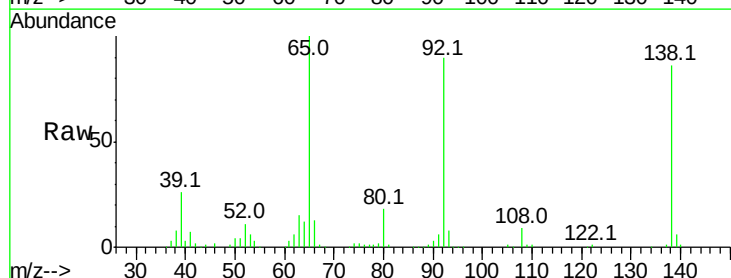
Tgt Ion:138 Resp: 132211

Ion Ratio Lower Upper

138 100

108 10.2 9.1 13.7

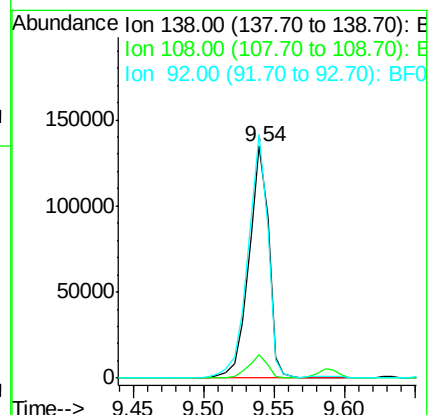
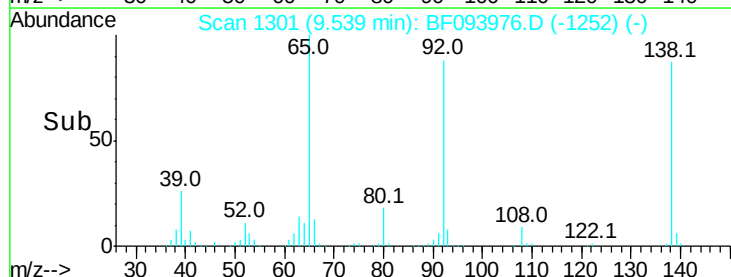
92 105.0 93.8 140.6

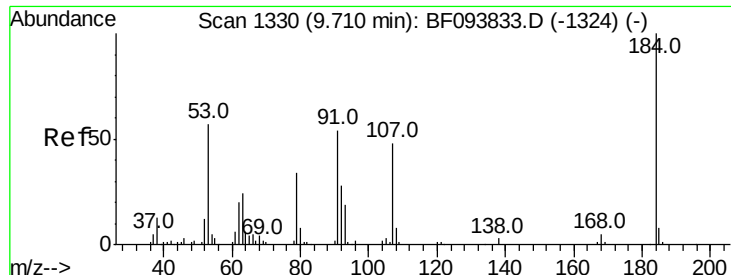


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

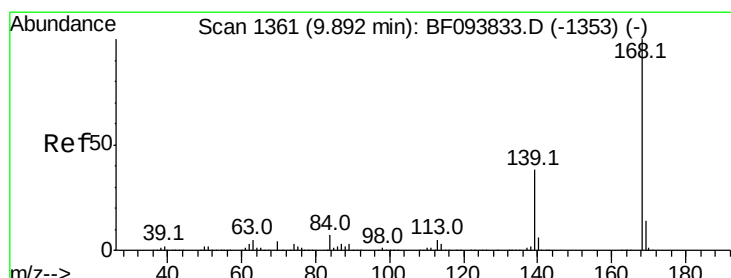
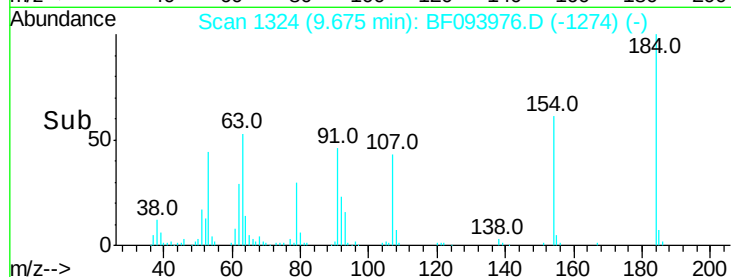
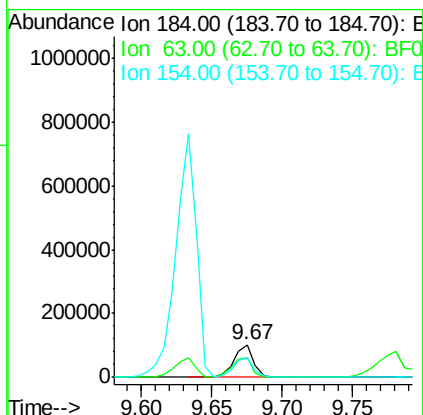
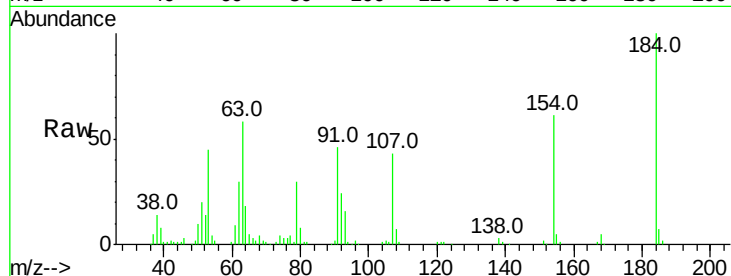




#53
2,4-Dinitrophenol
Concen: 39.79 ng
RT: 9.67 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

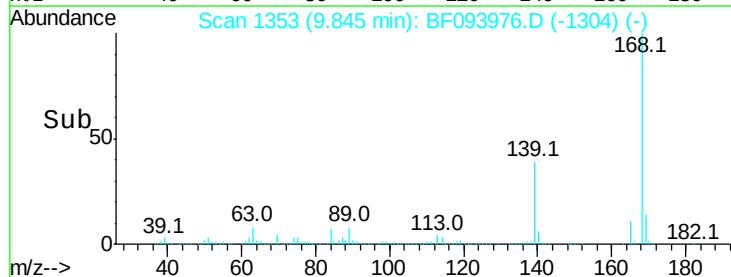
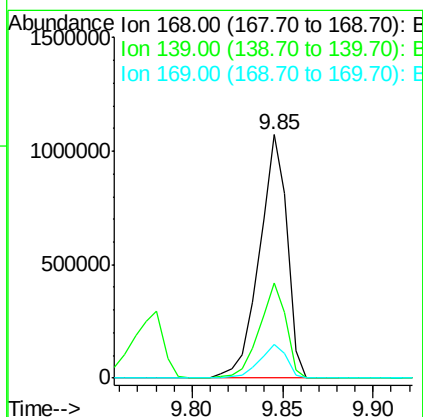
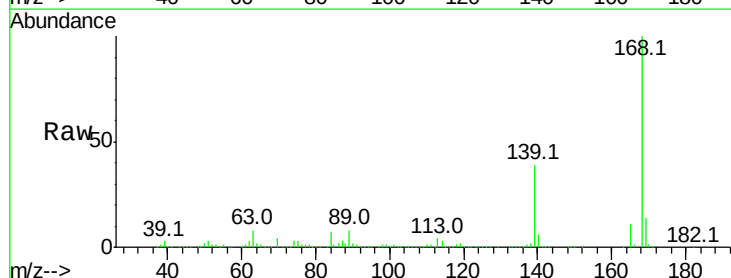
Instrument :
BNA_F
ClientSampleId :
PB97833BS

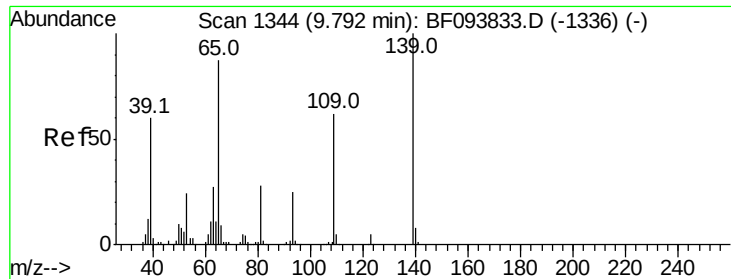
Tot Ion:184 Resp: 99800
Ion Ratio Lower Upper
184 100
63 58.4 62.7 94.1#
154 61.3 81.1 121.7#



#54
Dibenzofuran
Concen: 44.45 ng
RT: 9.85 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Tgt Ion:168 Resp: 1136735
Ion Ratio Lower Upper
168 100
139 38.9 30.6 45.8
169 13.6 10.8 16.2

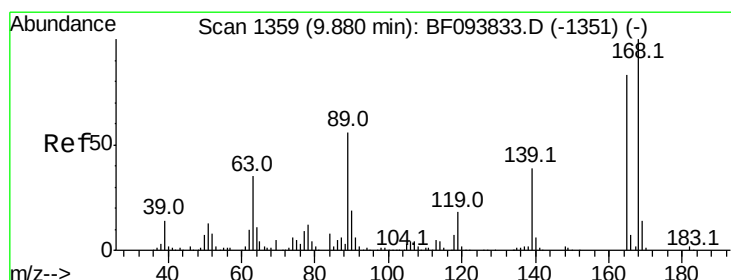
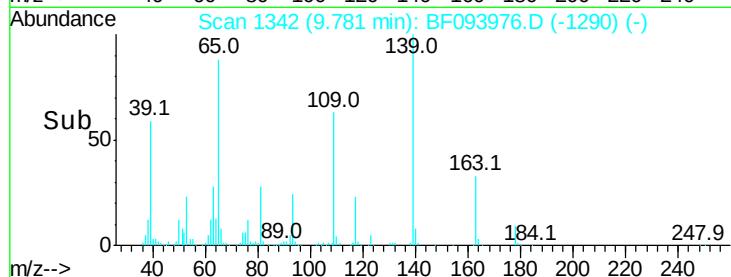
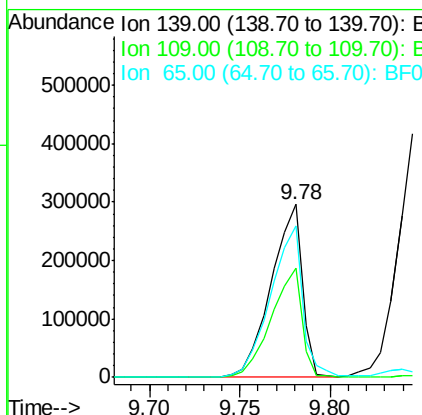
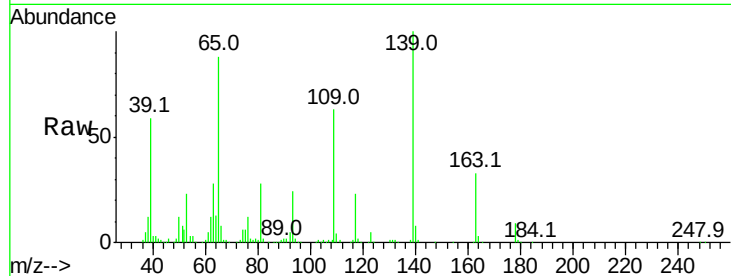




#55
4-Nitrophenol
Concen: 77.04 ng
RT: 9.78 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

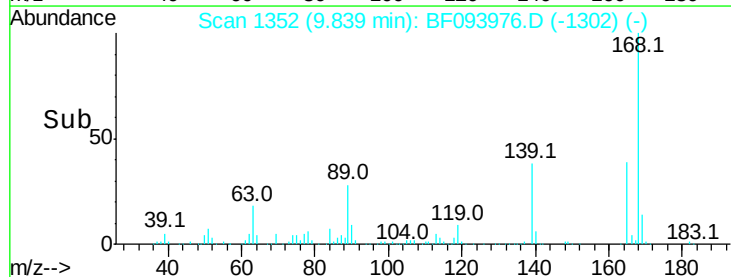
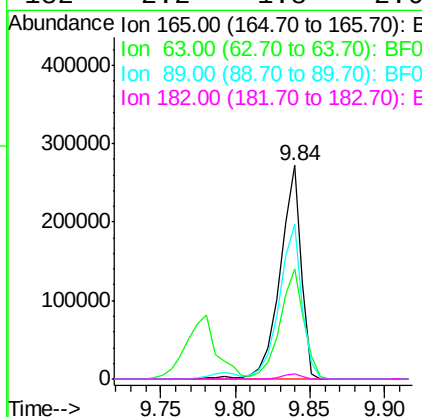
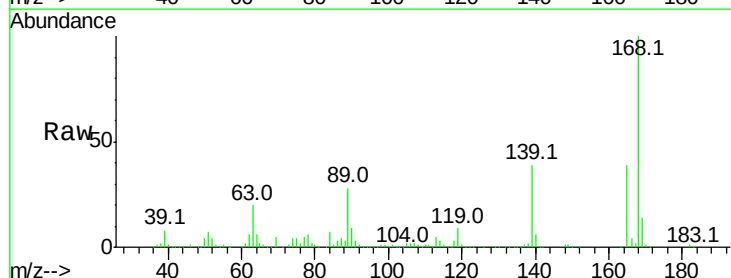
Instrument :
BNA_F
ClientSampleId :
PB97833BS

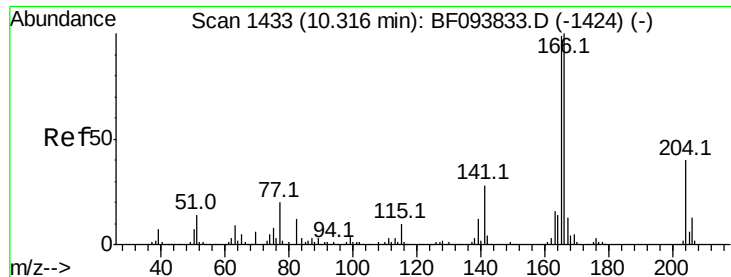
Tot Ion:139 Resp: 354222
Ion Ratio Lower Upper
139 100
109 63.2 34.1 74.1
65 87.9 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 43.19 ng
RT: 9.84 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Tgt Ion:165 Resp: 271272
Ion Ratio Lower Upper
165 100
63 51.5 25.4 38.0#
89 72.4 46.4 69.6#
182 2.2 1.8 2.6





#57

Fluorene

Concen: 39.53 ng

RT: 10.27 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

ClientSampleId :

PB97833BS

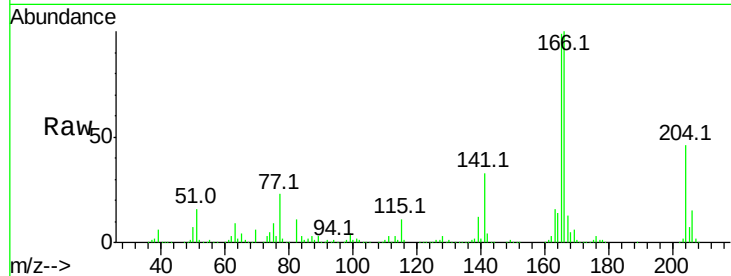
Tot Ion:166 Resp: 838294

Ion Ratio Lower Upper

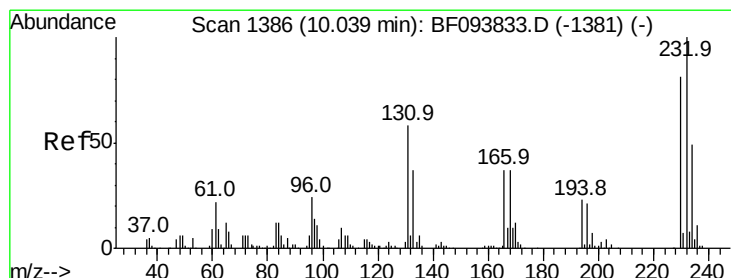
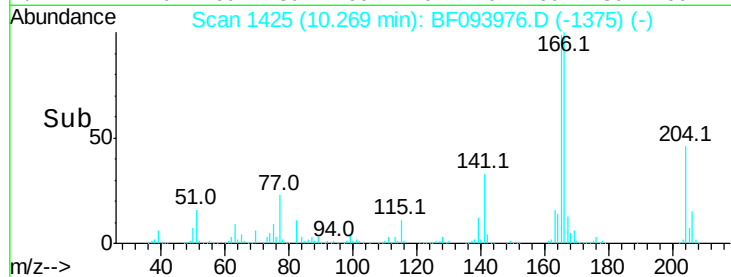
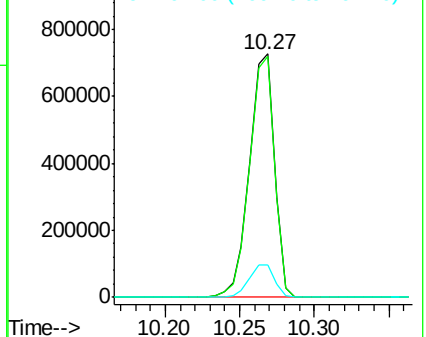
166 100

165 99.1 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: 46.64 ng

RT: 10.00 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Tgt Ion:232 Resp: 205622

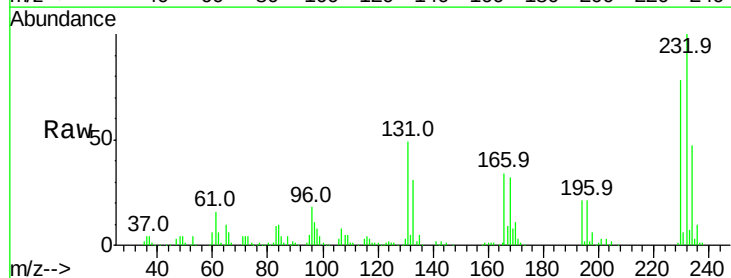
Ion Ratio Lower Upper

232 100

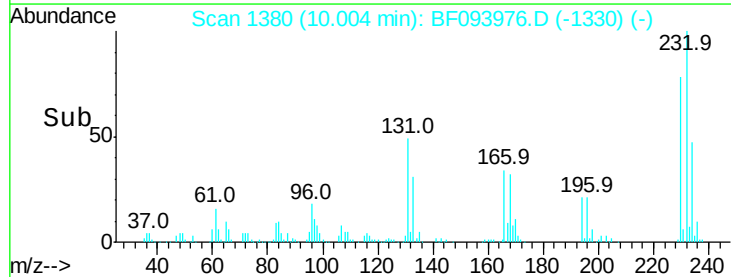
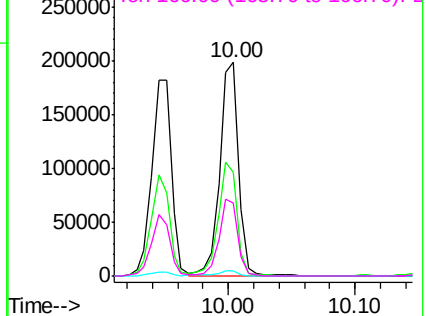
131 54.0 44.8 67.2

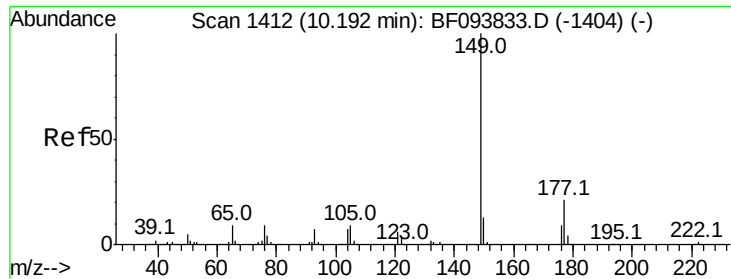
130 3.1 2.3 3.5

166 35.9 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

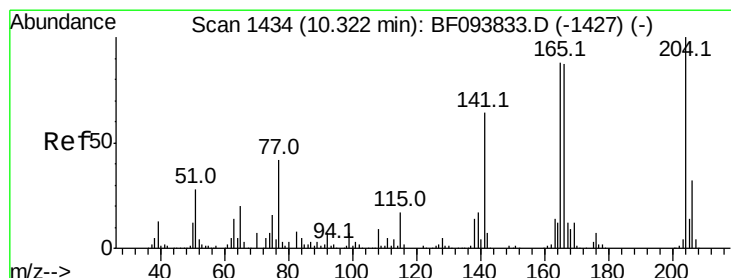
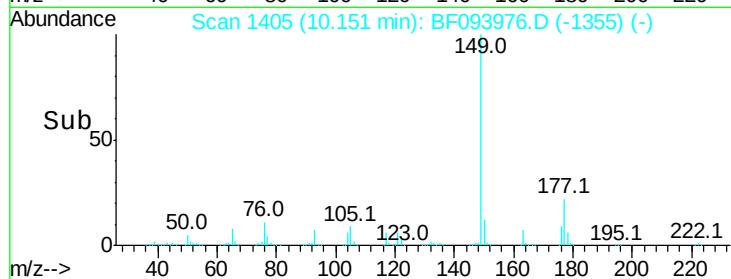
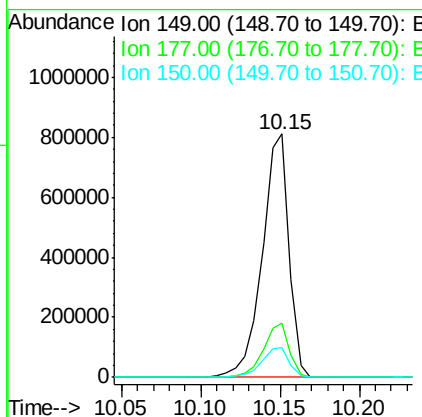
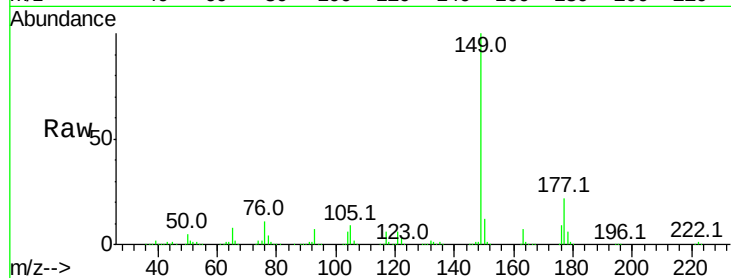




#59
Diethylphthalate
Concen: 44.20 ng
RT: 10.15 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

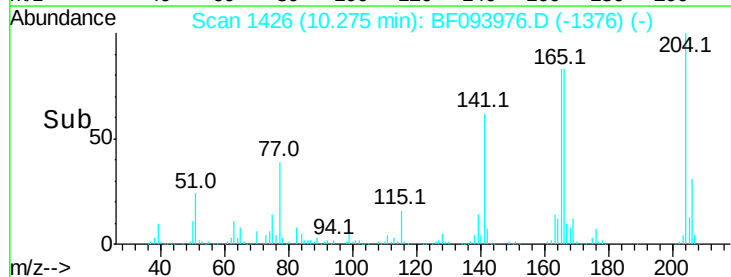
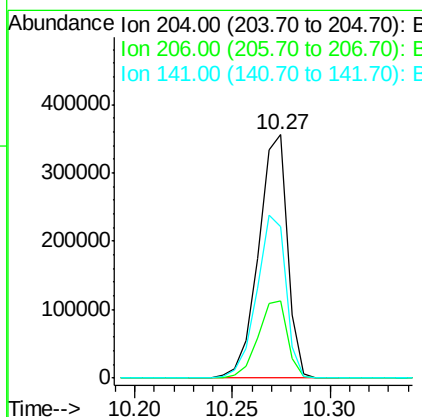
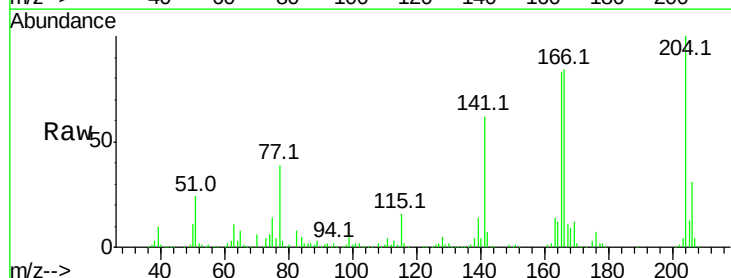
Instrument :
BNA_F
ClientSampled :
PB97833BS

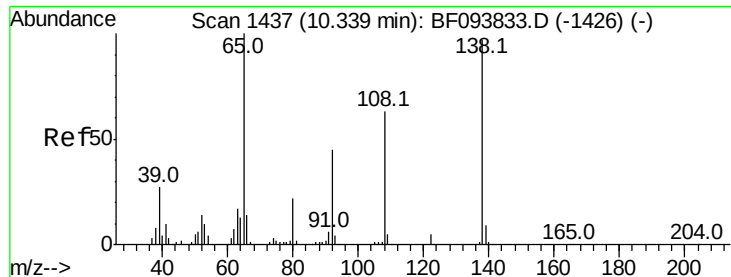
Tot Ion:149 Resp: 952687
Ion Ratio Lower Upper
149 100
177 22.0 16.7 25.1
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.41 ng
RT: 10.27 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Tgt Ion:204 Resp: 365052
Ion Ratio Lower Upper
204 100
206 31.5 26.2 39.2
141 62.2 60.8 91.2

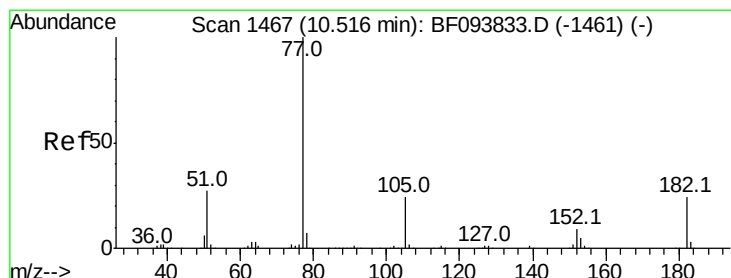
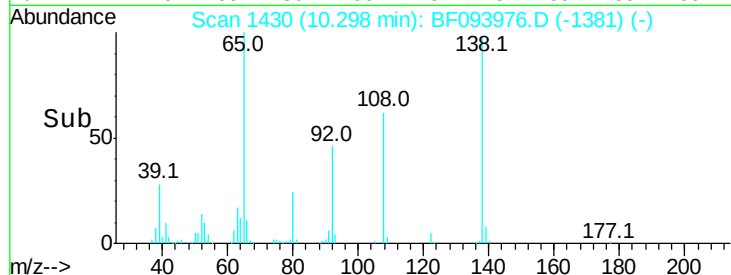
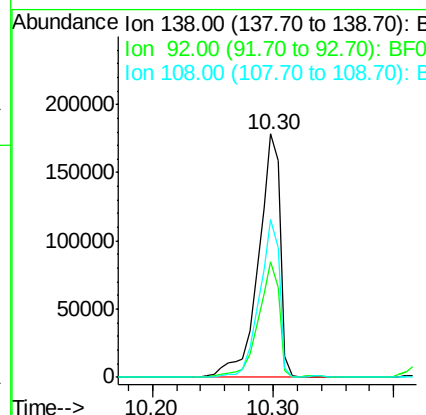
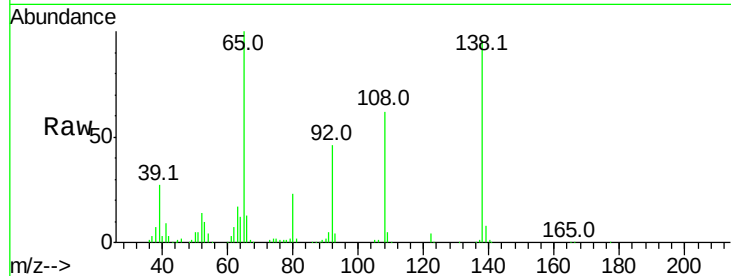




#61
4-Nitroaniline
Concen: 39.77 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

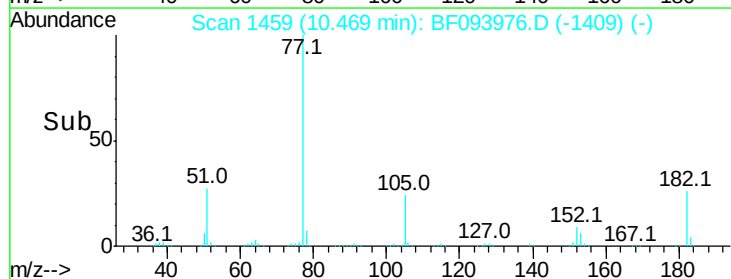
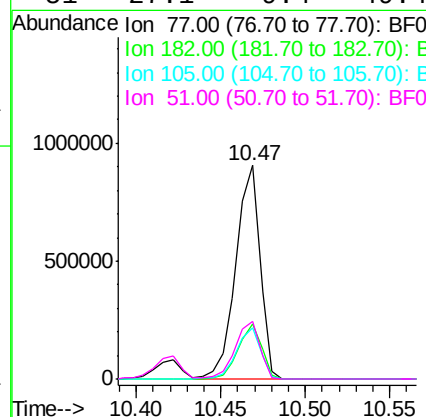
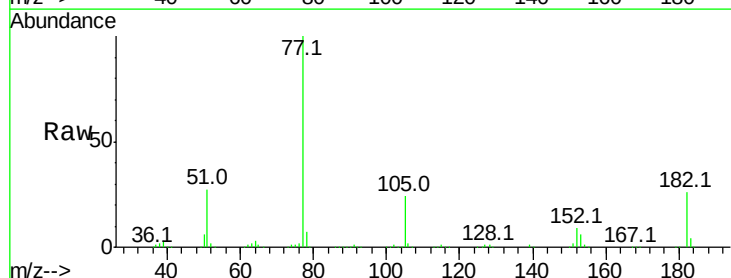
Instrument :
BNA_F
ClientSampleId :
PB97833BS

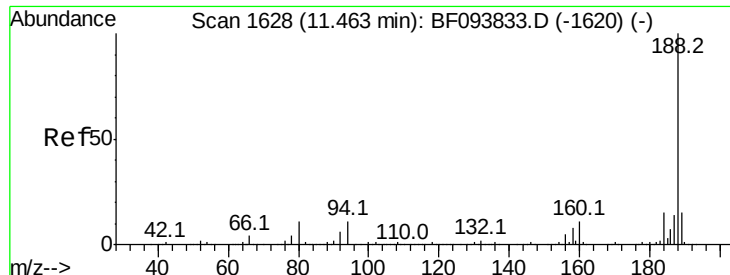
Tot Ion:138 Resp: 224032
Ion Ratio Lower Upper
138 100
92 47.4 21.8 61.8
108 64.6 42.3 82.3



#62
Azobenzene
Concen: 44.35 ng
RT: 10.47 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Tgt Ion: 77 Resp: 904395
Ion Ratio Lower Upper
77 100
182 25.5 0.1 40.1
105 24.0 3.6 43.6
51 27.1 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: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

ClientSampleId :

PB97833BS

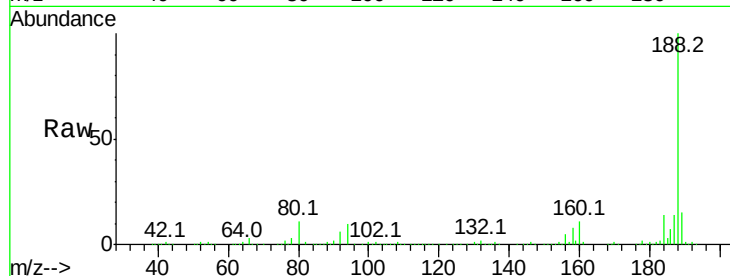
Tot Ion:188 Resp: 501313

Ion Ratio Lower Upper

188 100

94 9.9 9.4 14.2

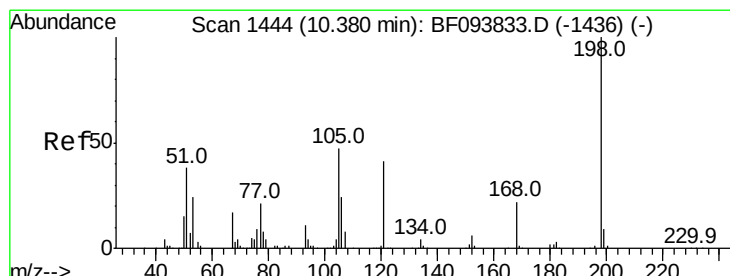
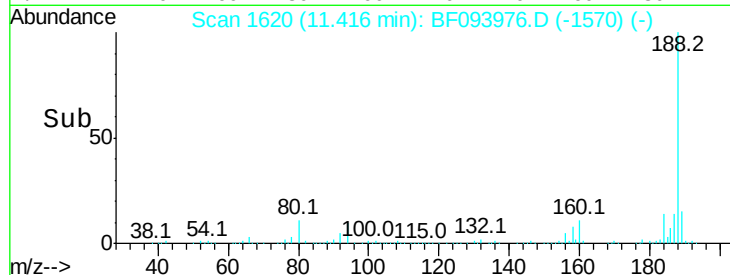
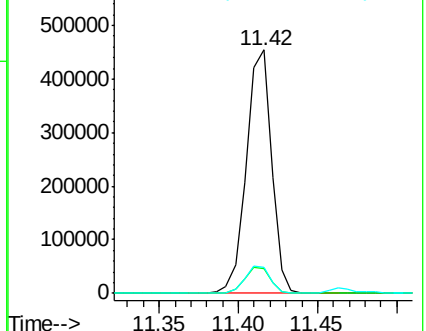
80 10.7 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 23.30 ng

RT: 10.34 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

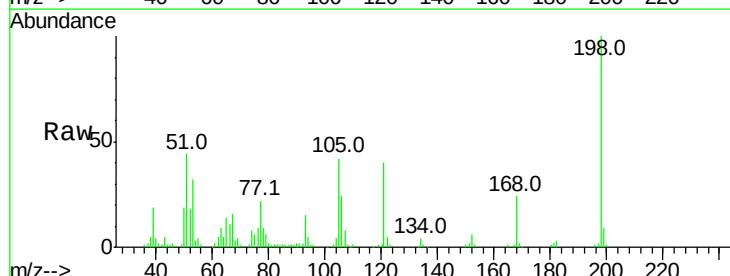
Tgt Ion:198 Resp: 71529

Ion Ratio Lower Upper

198 100

51 43.6 53.2 93.2#

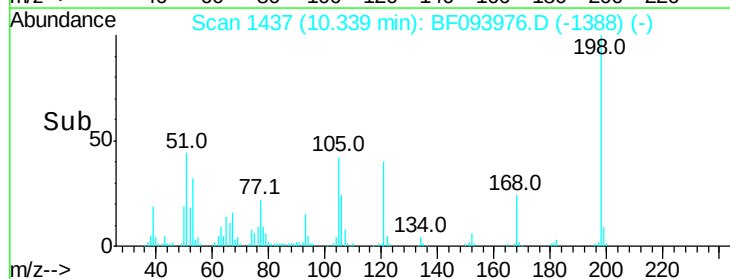
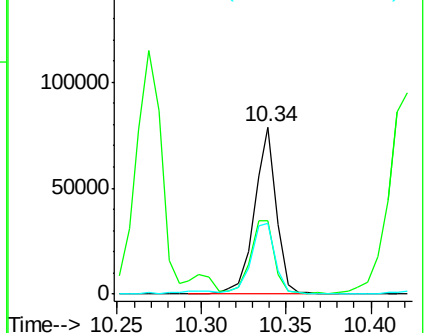
105 42.1 45.8 85.8#

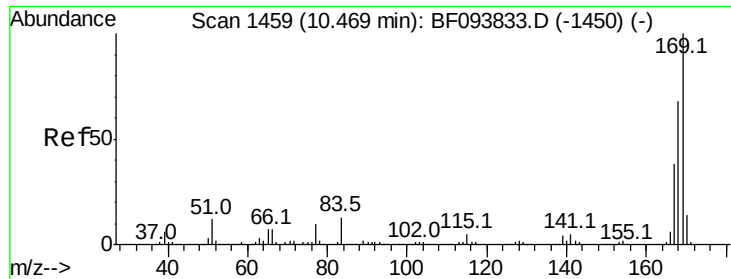


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

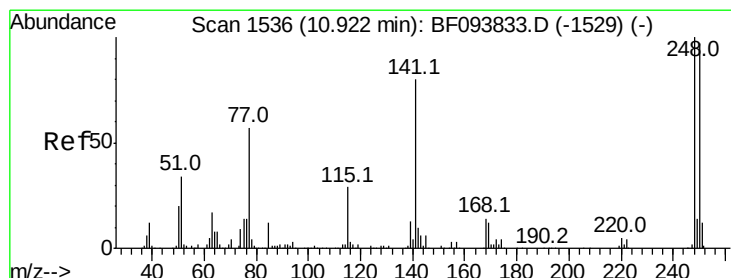
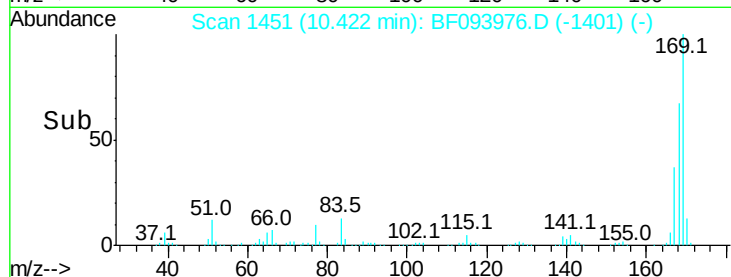
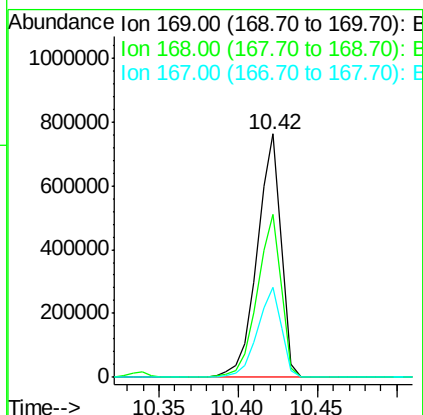
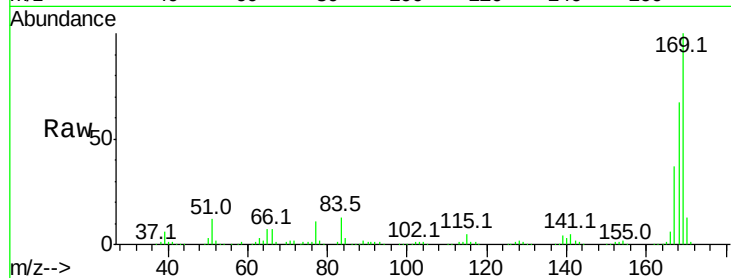




#65
 n-Nitrosodiphenylamine
 Concen: 46.22 ng
 RT: 10.42 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

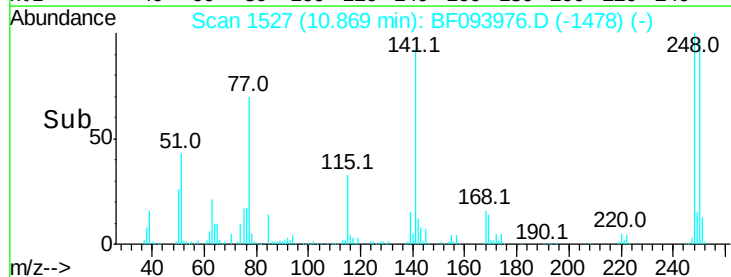
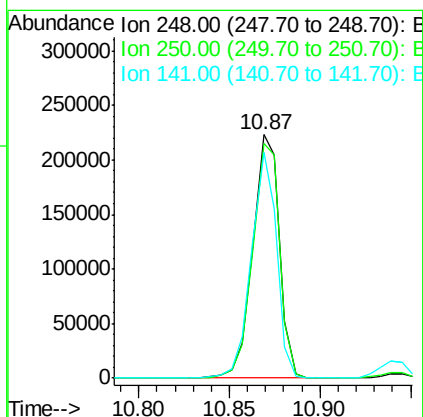
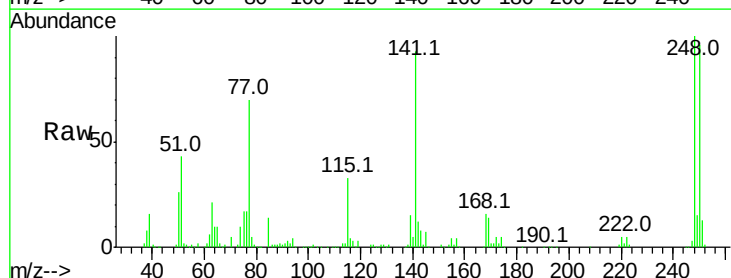
Instrument :
 BNA_F
 ClientSampleId :
 PB97833BS

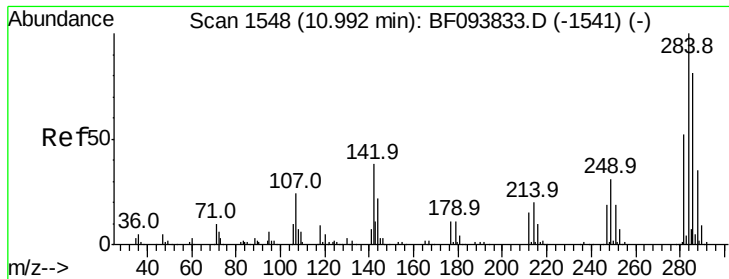
Tot Ion:169 Resp: 801302
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.2 79.8
 167 37.1 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 46.31 ng
 RT: 10.87 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Tgt Ion:248 Resp: 228307
 Ion Ratio Lower Upper
 248 100
 250 96.3 76.8 115.2
 141 92.7 68.6 103.0





#67

Hexachlorobenzene

Concen: 45.25 ng

RT: 10.95 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

ClientSampleId :

PB97833BS

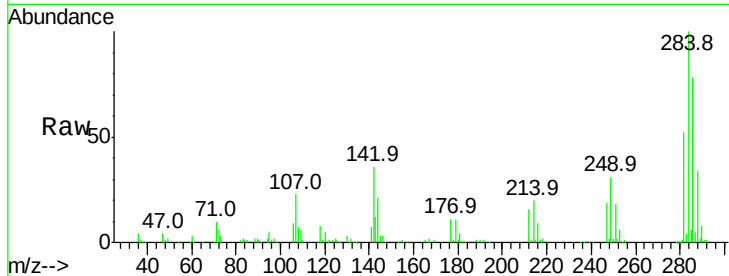
Tot Ion:284 Resp: 225863

Ion Ratio Lower Upper

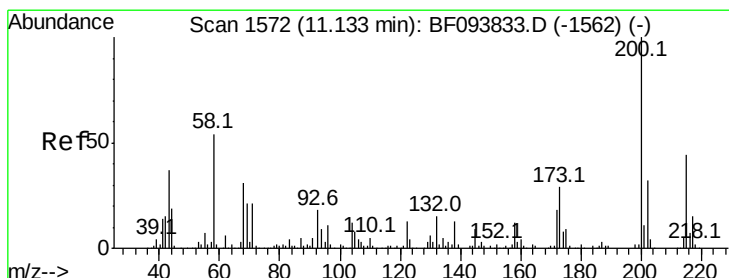
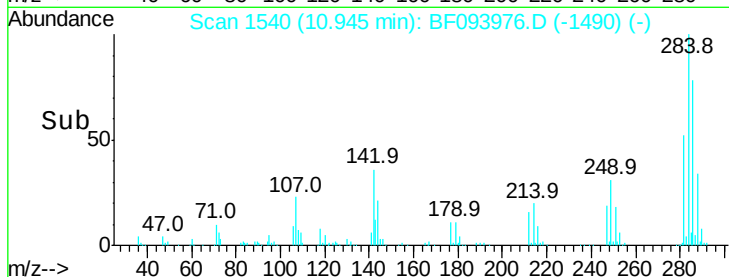
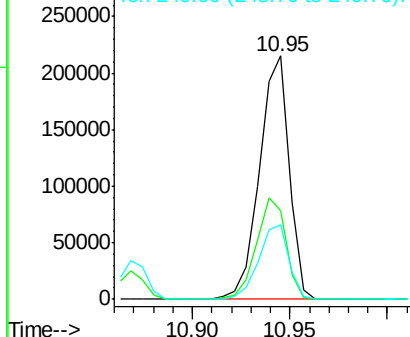
284 100

142 36.5 22.8 34.2#

249 30.8 24.0 36.0



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



#68

Atrazine

Concen: 38.69 ng

RT: 11.09 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

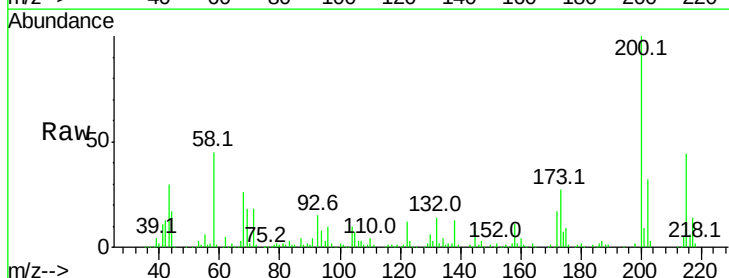
Tgt Ion:200 Resp: 200926

Ion Ratio Lower Upper

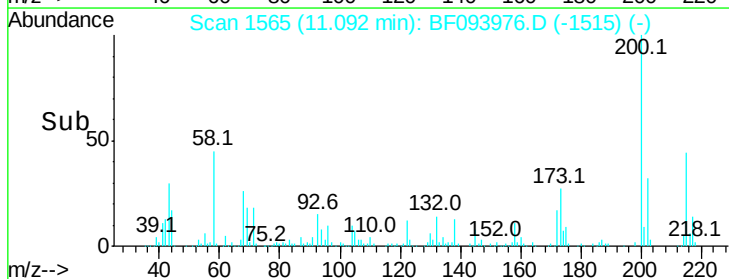
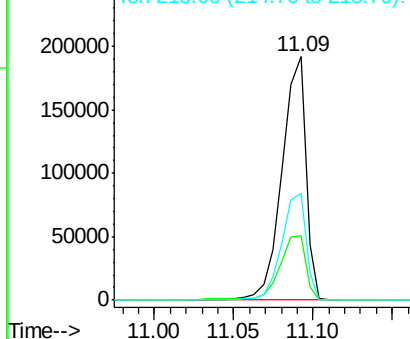
200 100

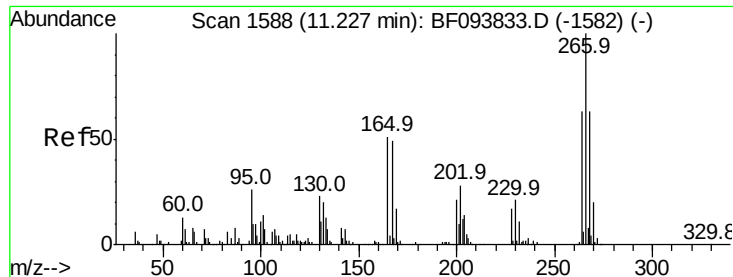
173 26.7 6.3 46.3

215 43.7 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

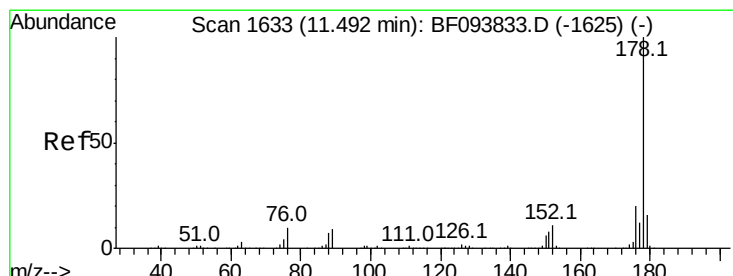
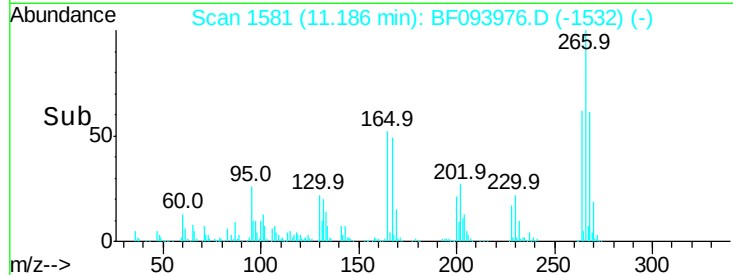
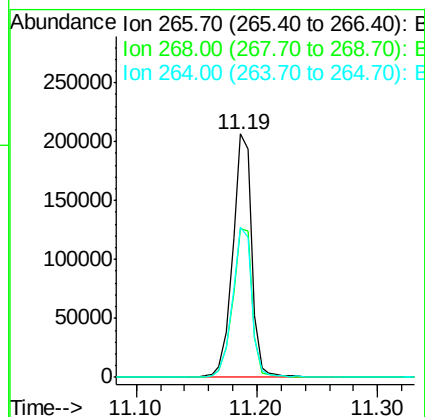
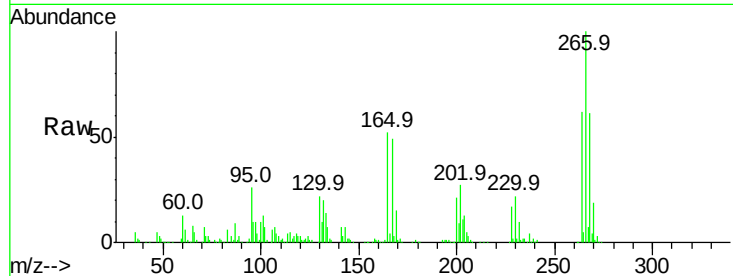




#69
 Pentachlorophenol
 Concen: 72.94 ng
 RT: 11.19 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

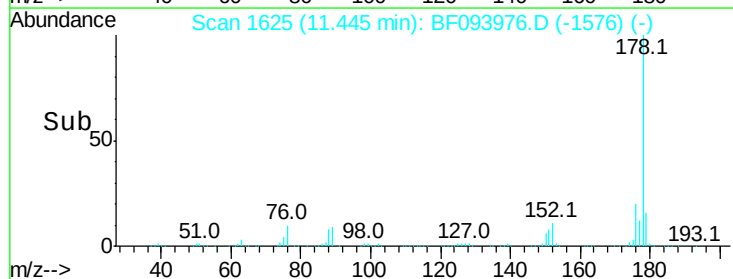
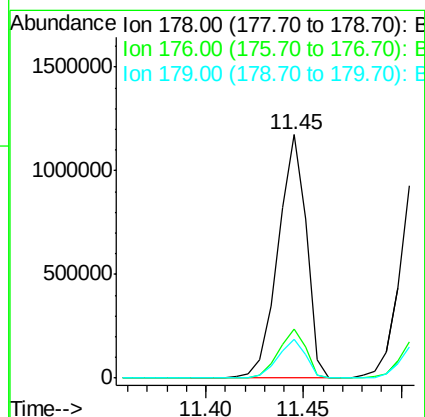
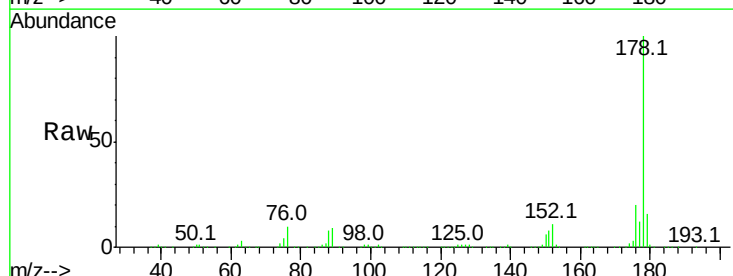
Instrument :
 BNA_F
 ClientSampleId :
 PB97833BS

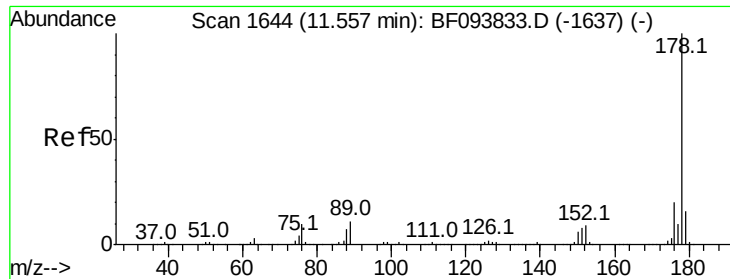
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.3	51.1	76.7
264	61.6	51.7	77.5



#70
 Phenanthrene
 Concen: 42.21 ng
 RT: 11.45 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	15.9	12.6	19.0



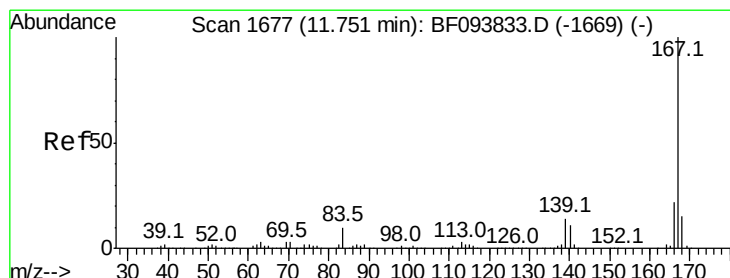
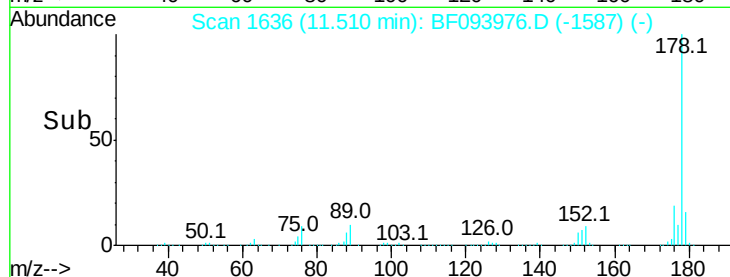
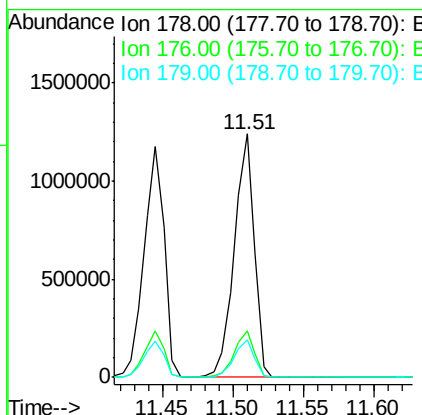
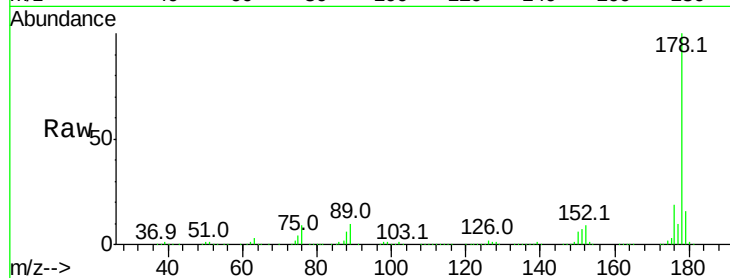


#71
 Anthracene
 Concen: 42.59 ng
 RT: 11.51 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BS

Tot Ion:178 Resp: 1223006

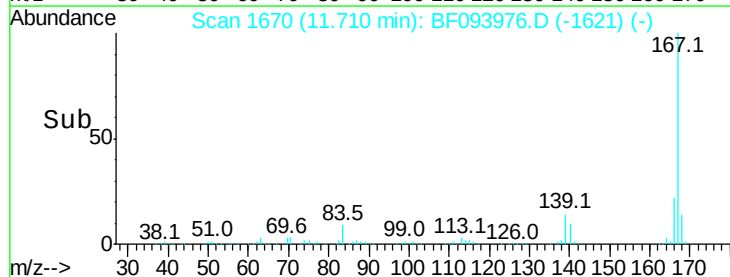
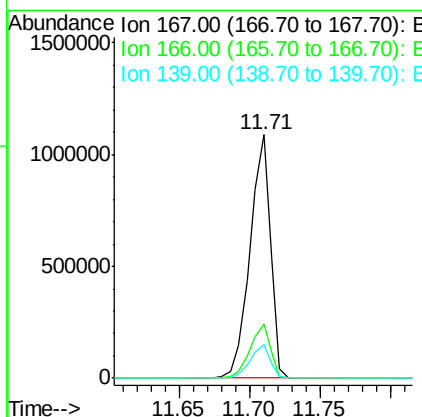
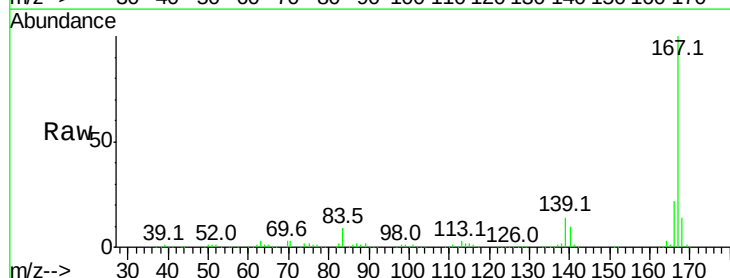
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.6	12.7	19.1

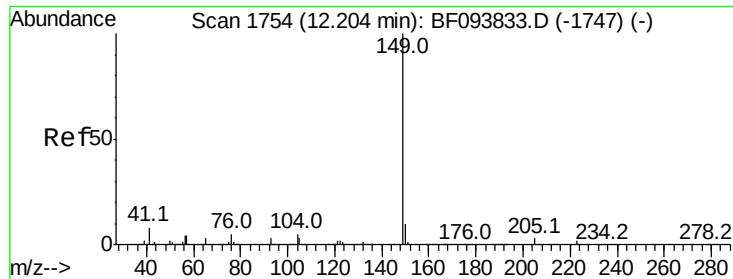


#72
 Carbazole
 Concen: 37.80 ng
 RT: 11.71 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Tgt Ion:167 Resp: 1113057

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	13.6	11.7	17.5





#73

Di-n-butylphthalate

Concen: 46.71 ng

RT: 12.16 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

ClientSampleId :

PB97833BS

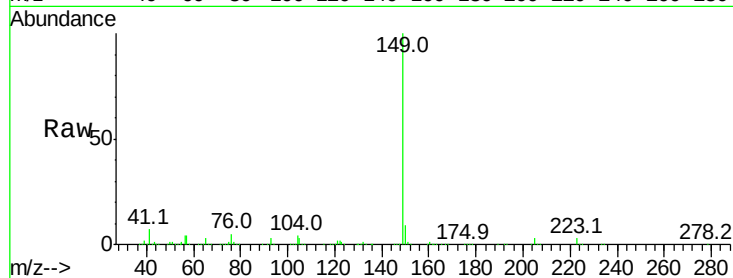
Tot Ion:149 Resp: 1430185

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

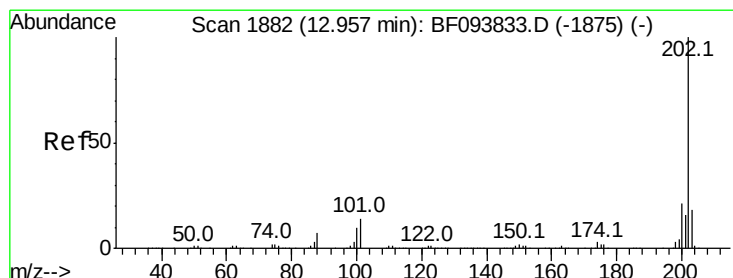
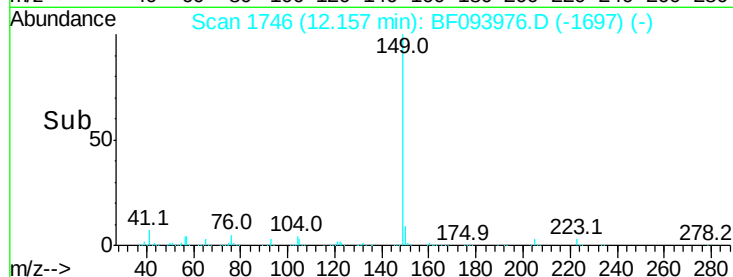
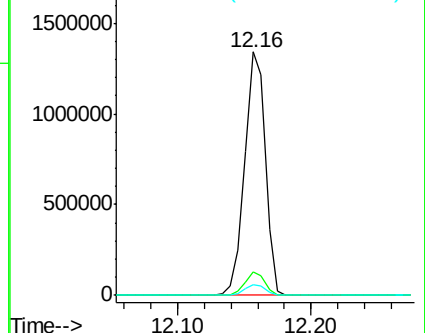
104 4.4 4.0 6.0



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: 37.60 ng

RT: 12.91 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

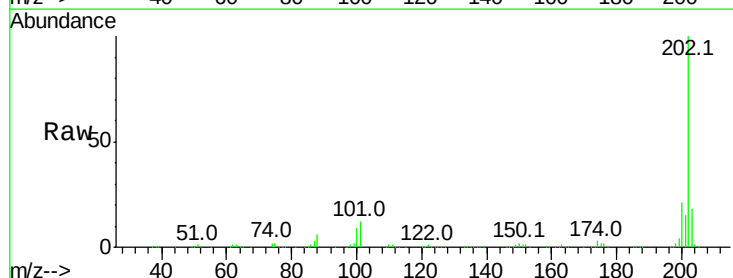
Tgt Ion:202 Resp: 1073775

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.2

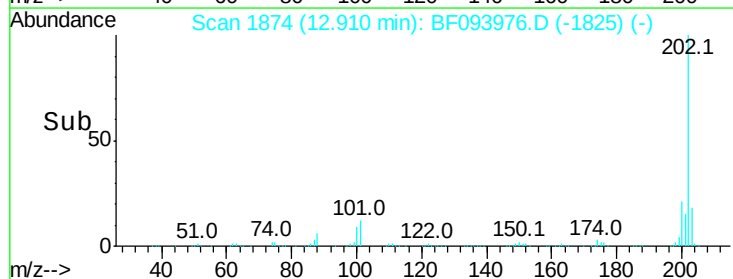
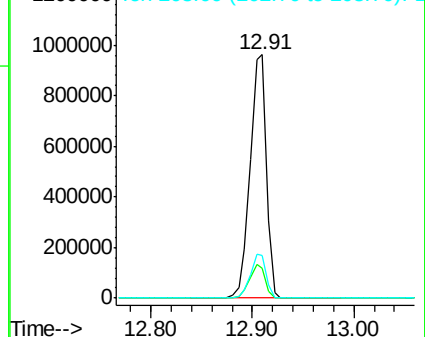
203 17.6 0.0 38.1

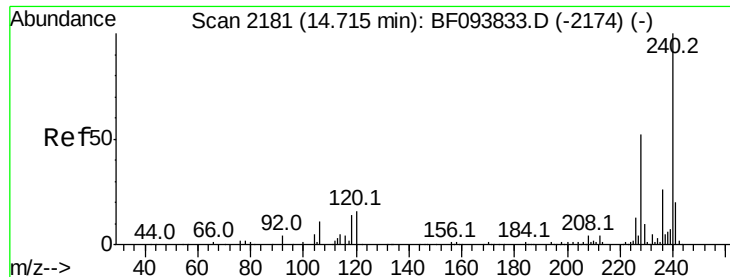


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

ClientSampleId :

PB97833BS

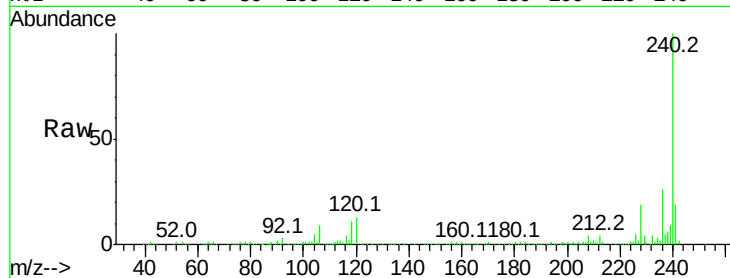
Tot Ion:240 Resp: 310620

Ion Ratio Lower Upper

240 100

120 12.6 5.8 8.8#

236 25.5 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

14.67

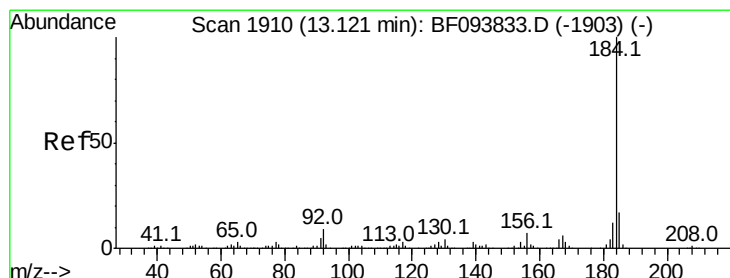
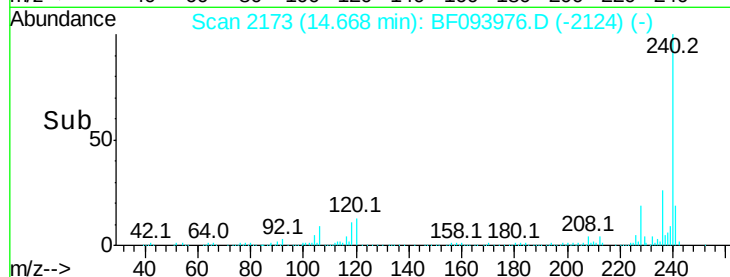
300000

200000

100000

0

Time-->



#76

Benzidine

Concen: 8.29 ng

RT: 13.07 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

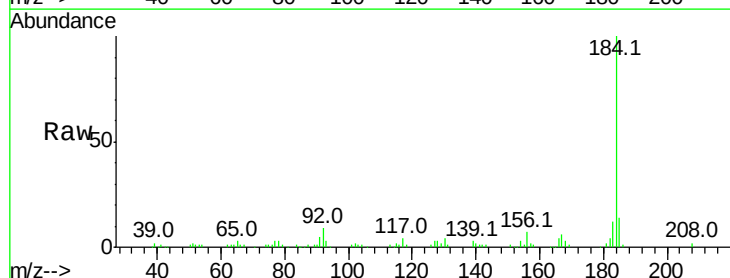
Tgt Ion:184 Resp: 101965

Ion Ratio Lower Upper

184 100

185 13.7 15.5 23.3#

183 11.9 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

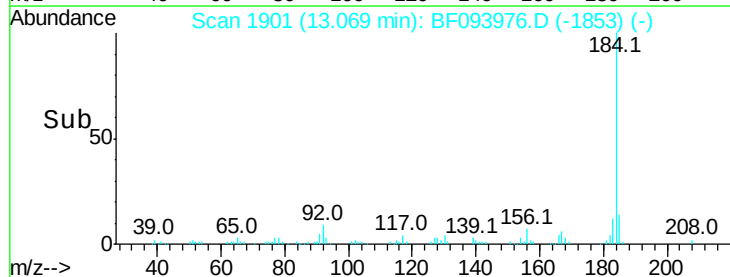
13.07

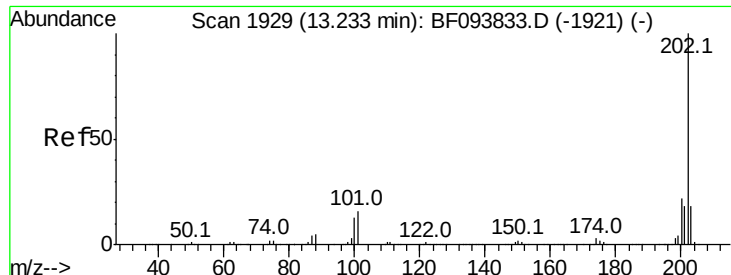
100000

50000

0

Time-->



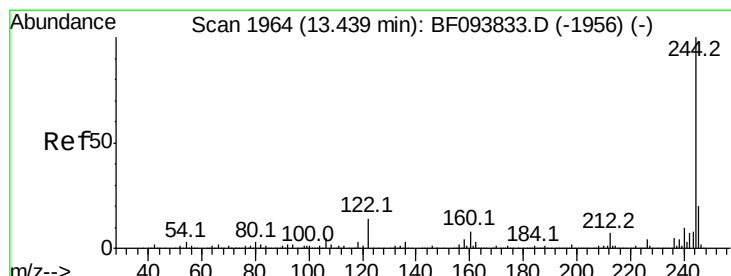
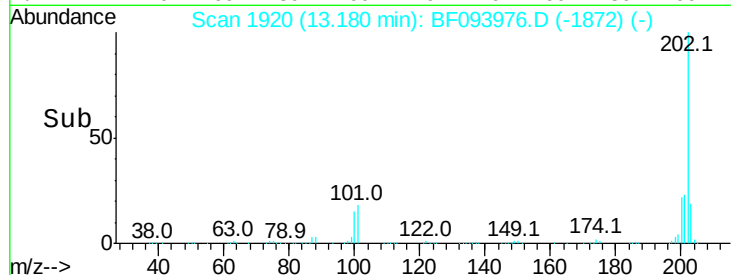
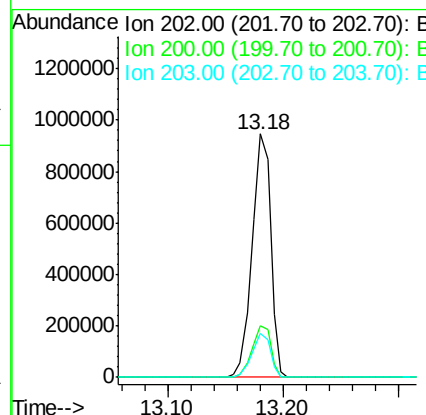
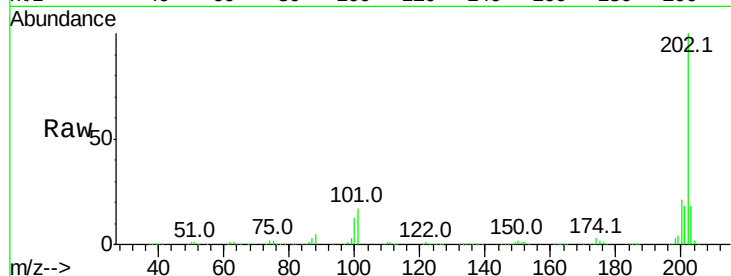


#77
 Pvrene
 Concen: 47.03 ng
 RT: 13.18 min Scan# 1920
 Delta R.T. -0.02 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BS

Tot Ion:202 Resp: 1060086

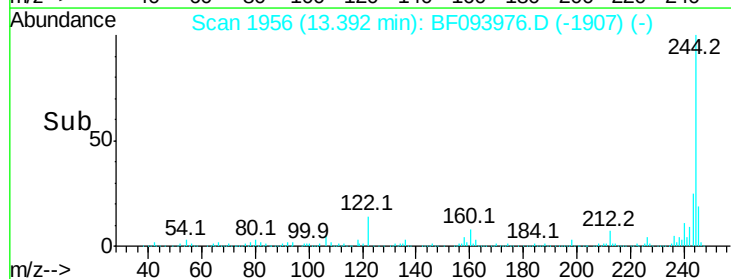
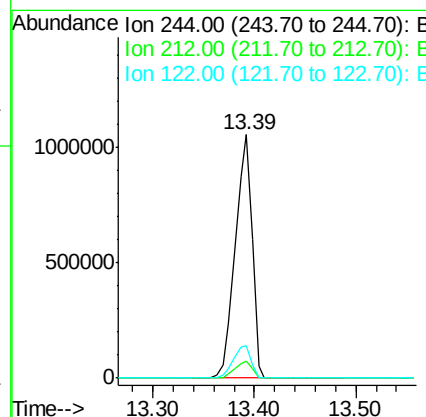
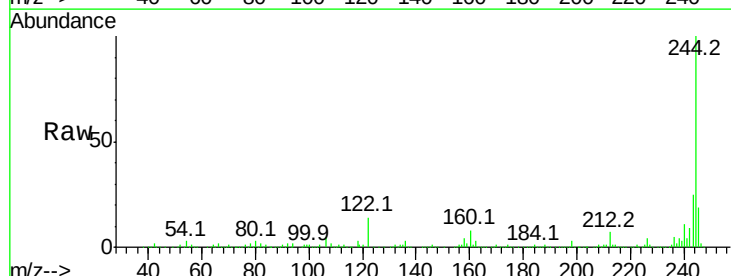
Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	18.1	14.4	21.6

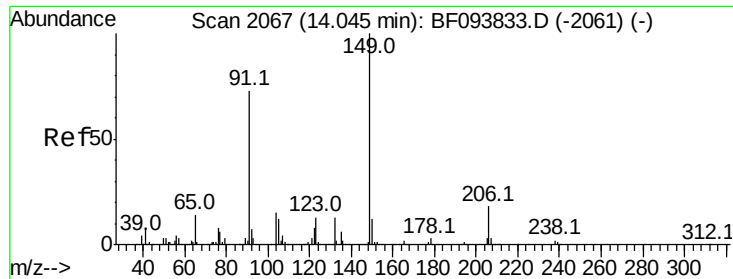


#78
 Terphenyl-d14
 Concen: 87.85 ng
 RT: 13.39 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Tgt Ion:244 Resp: 1217412

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.5	10.3	15.5

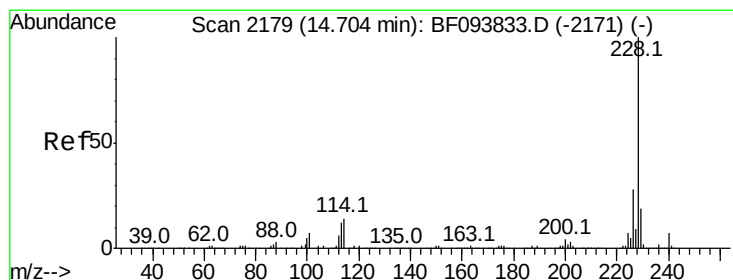
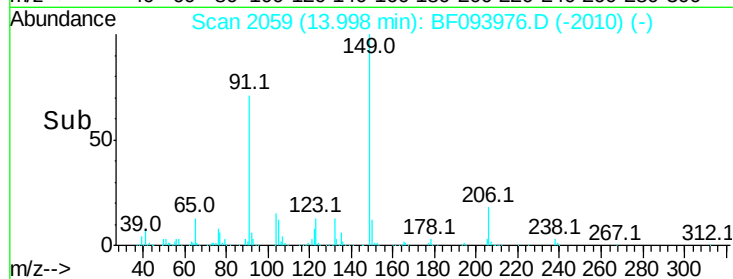
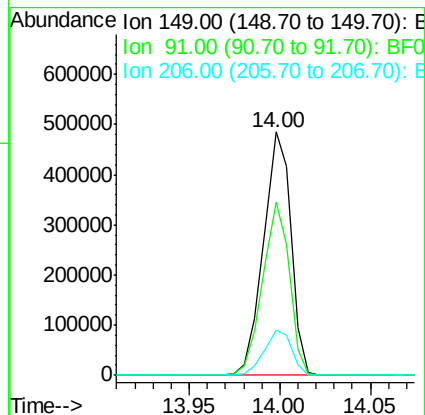
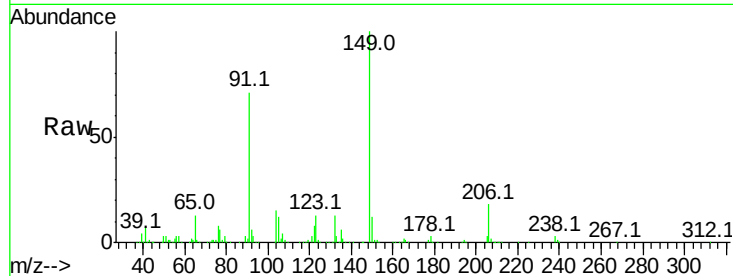




#79
Butylbenzylphthalate
Concen: 53.36 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

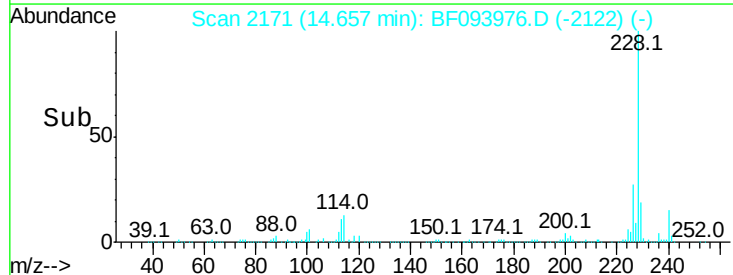
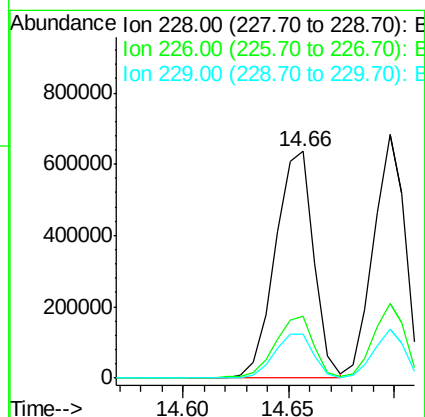
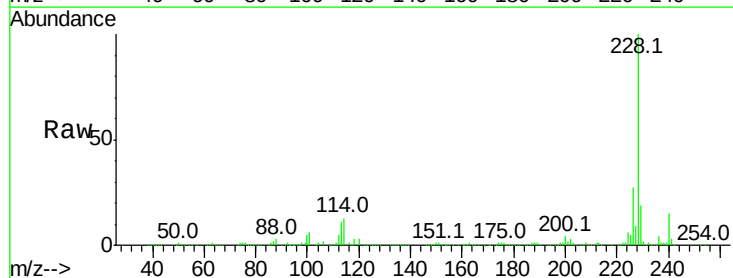
Instrument :
BNA_F
ClientSampleId :
PB97833BS

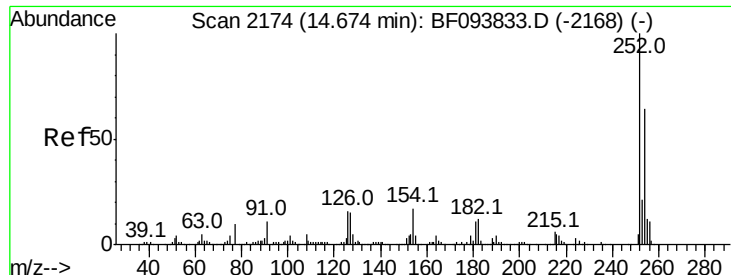
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.1	45.0	67.4#
206	18.4	17.0	25.6



#80
Benzo(a)anthracene
Concen: 44.36 ng
RT: 14.66 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF093976.D
Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.2	16.3	24.5

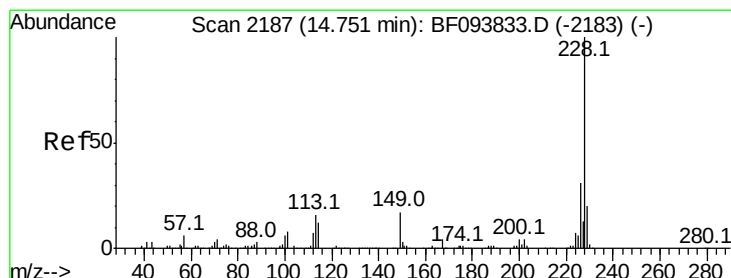
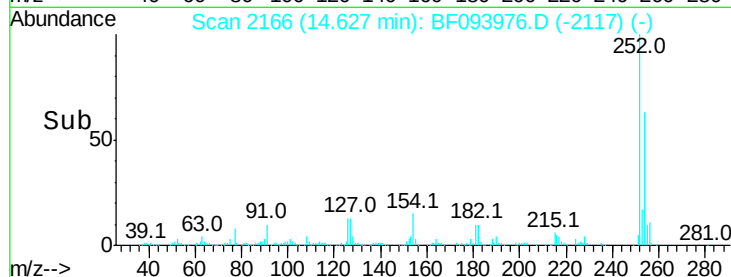
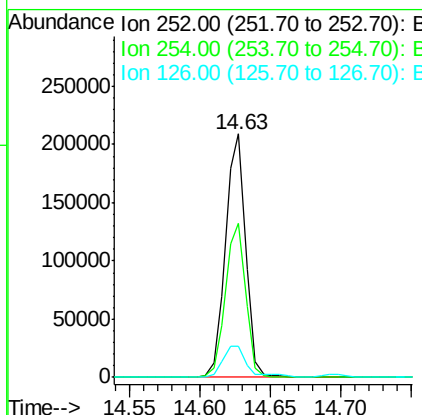
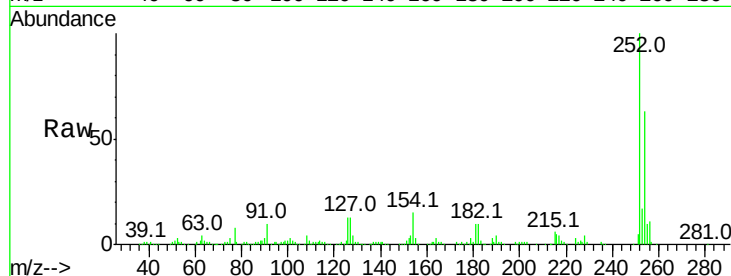




#81
 3,3'-Dichlorobenzidine
 Concen: 31.97 ng
 RT: 14.63 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

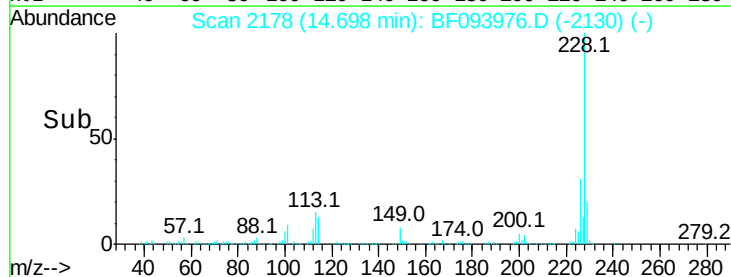
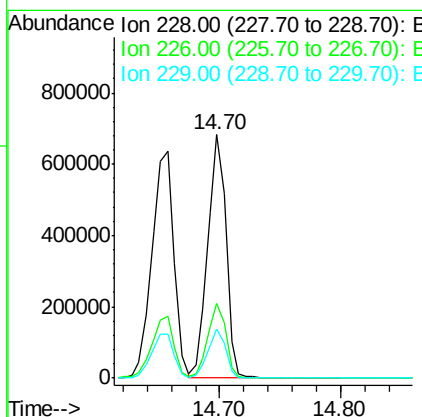
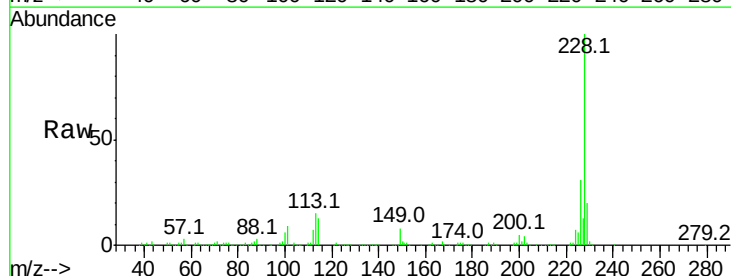
Instrument :
 BNA_F
 ClientSampleId :
 PB97833BS

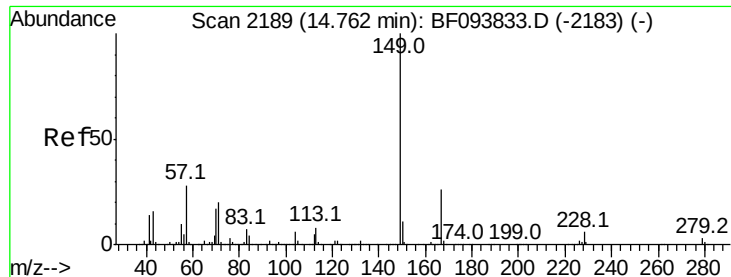
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.5	77.3
126	13.0	15.8	23.8



#82
 Chrysene
 Concen: 42.48 ng
 RT: 14.70 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	19.9	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.65 ng

RT: 14.72 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

ClientSampleId :

PB97833BS

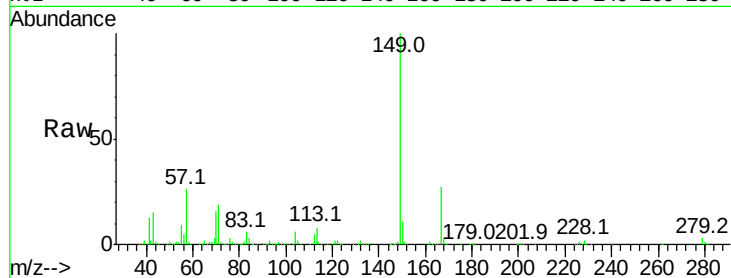
Tot Ion:149 Resp: 689941

Ion Ratio Lower Upper

149 100

167 26.8 21.0 31.4

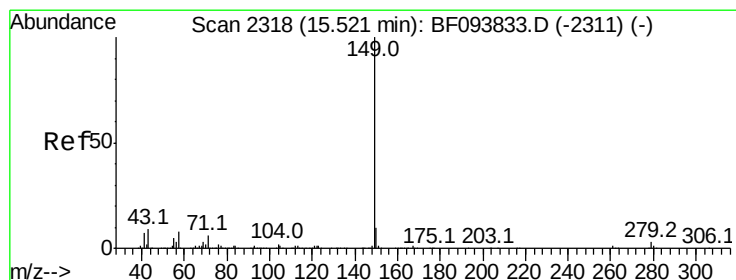
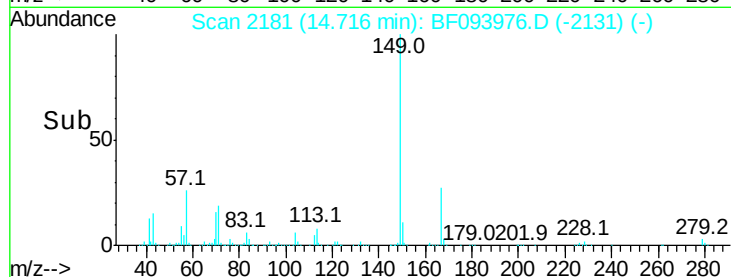
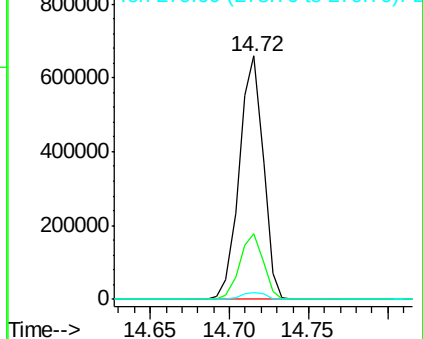
279 3.0 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.81 ng

RT: 15.47 min Scan# 2309

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

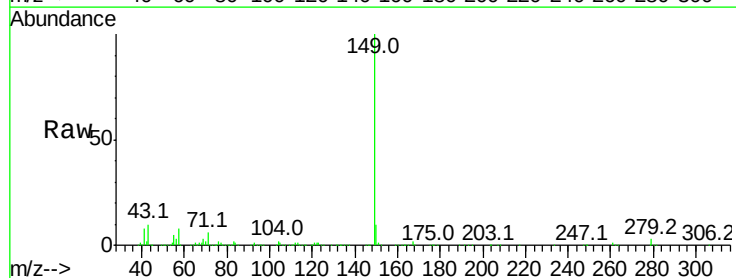
Tgt Ion:149 Resp: 1090463

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

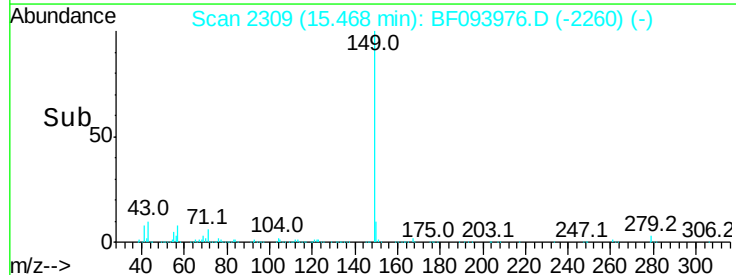
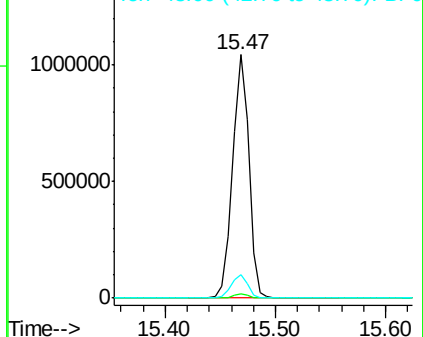
43 9.7 8.5 12.7

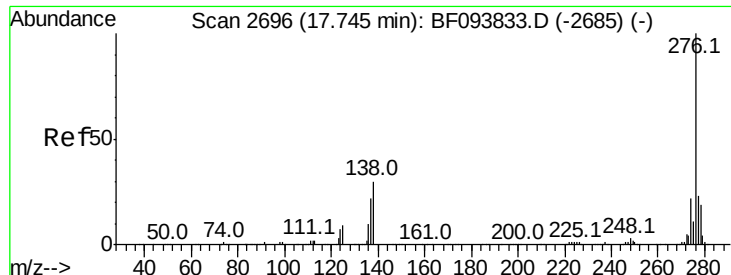


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

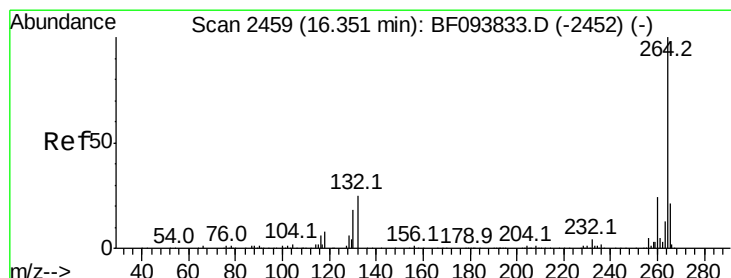
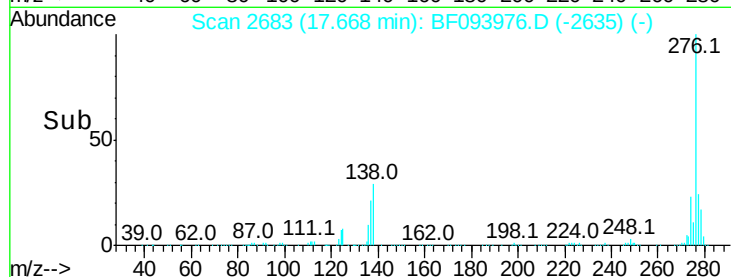
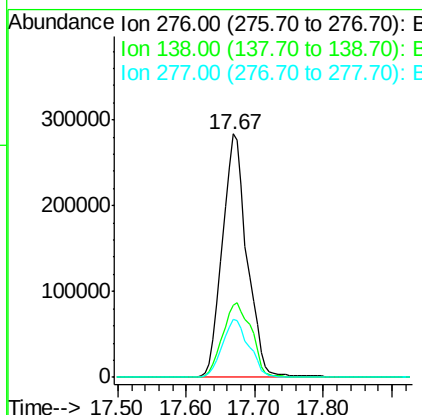
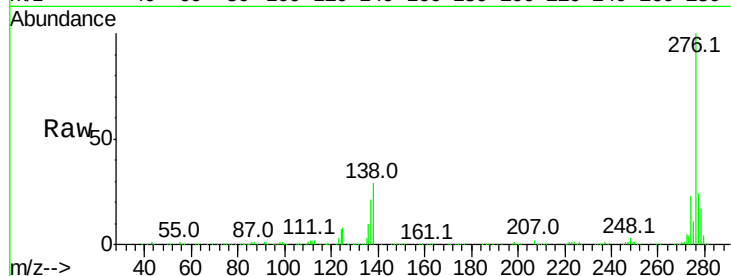




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.94 ng
 RT: 17.67 min Scan# 2683
 Delta R.T. -0.02 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

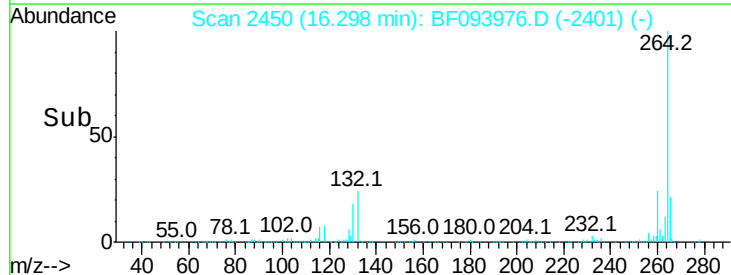
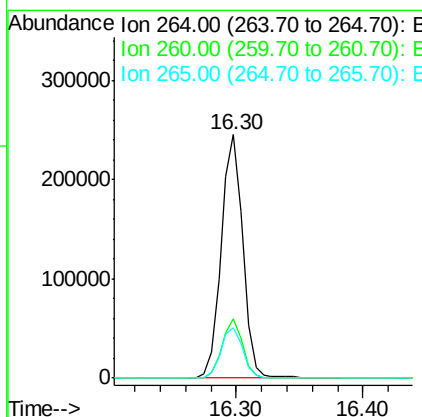
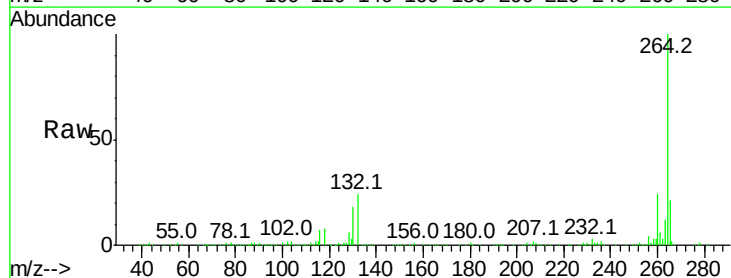
Instrument :
 BNA_F
 ClientSampleId :
 PB97833BS

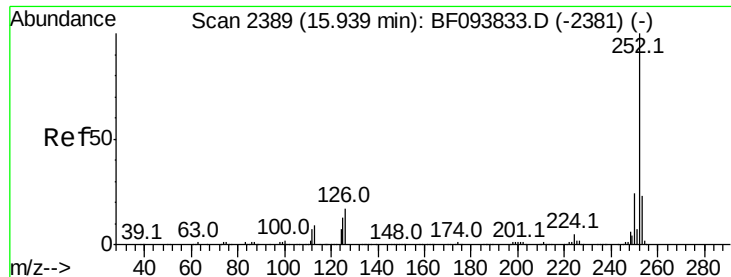
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.6	27.8	41.6
277	25.5	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.30 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	20.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 43.41 ng

RT: 15.89 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

ClientSampleId :

PB97833BS

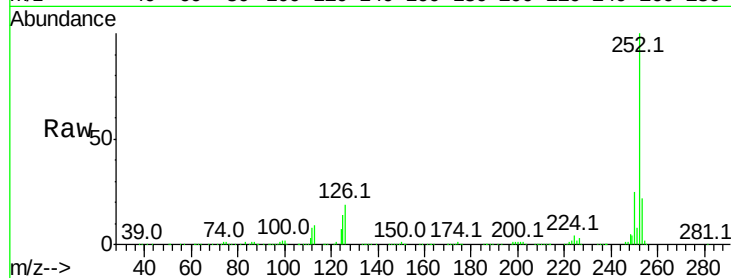
Tot Ion:252 Resp: 772478

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

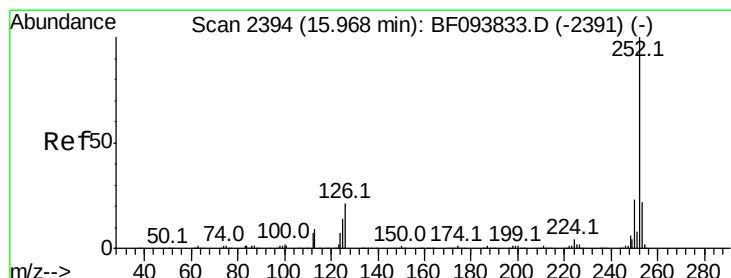
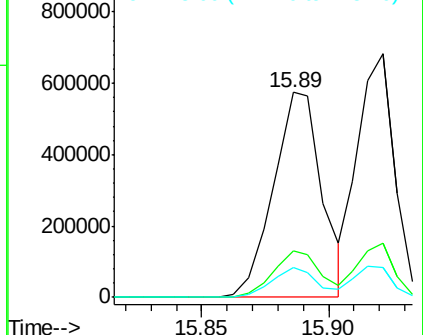
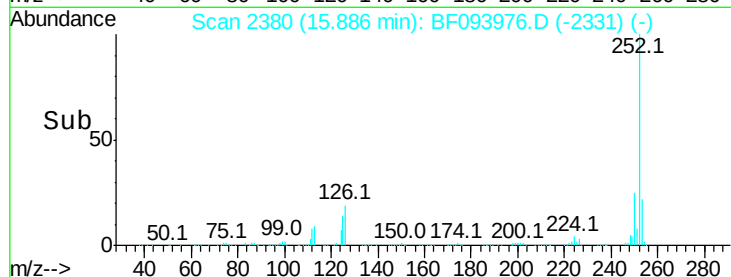
125 14.5 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.36 ng

RT: 15.89 min Scan# 2380

Delta R.T. -0.05 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

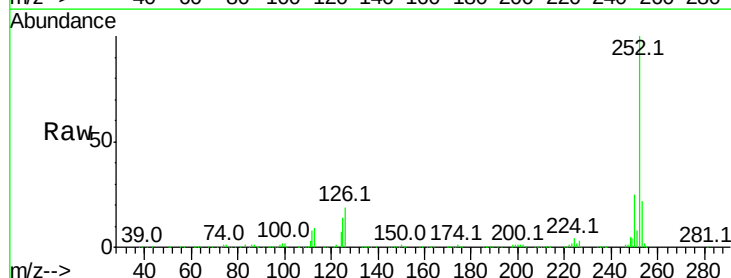
Tgt Ion:252 Resp: 772478

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

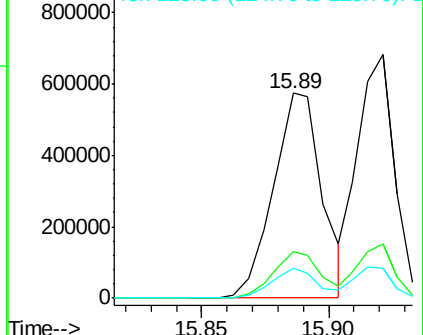
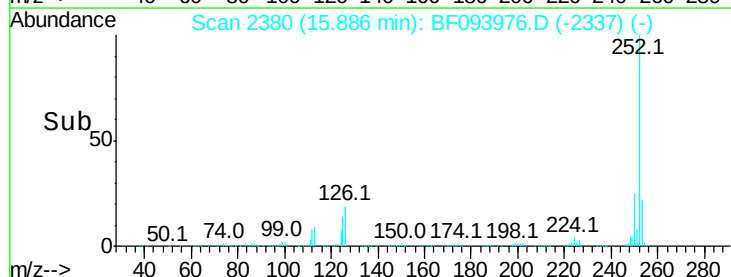
125 14.5 13.1 19.7

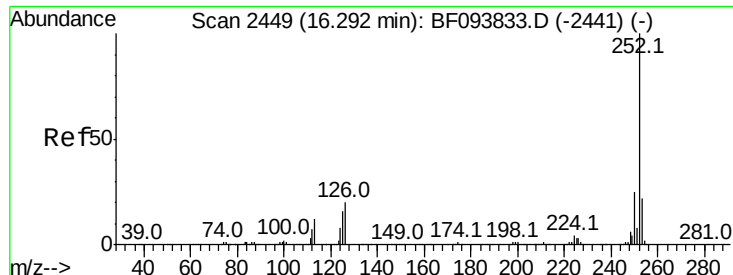


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.19 ng

RT: 16.24 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

Instrument :

BNA_F

ClientSampleId :

PB97833BS

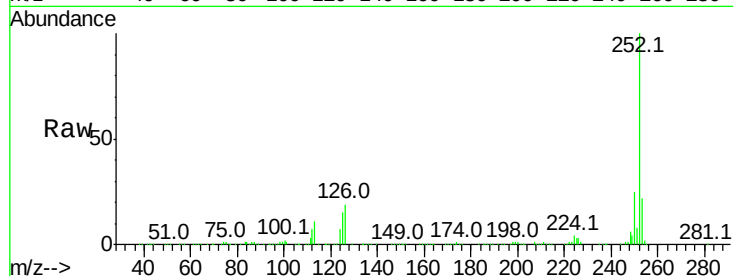
Tot Ion:252 Resp: 724152

Ion Ratio Lower Upper

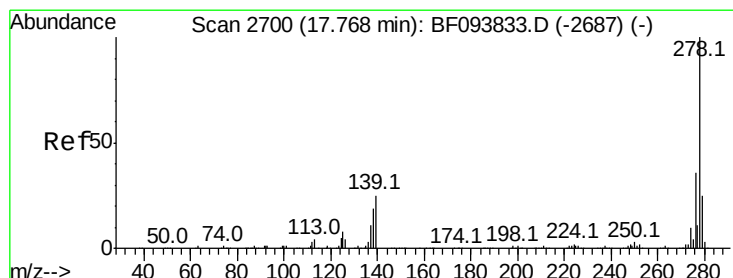
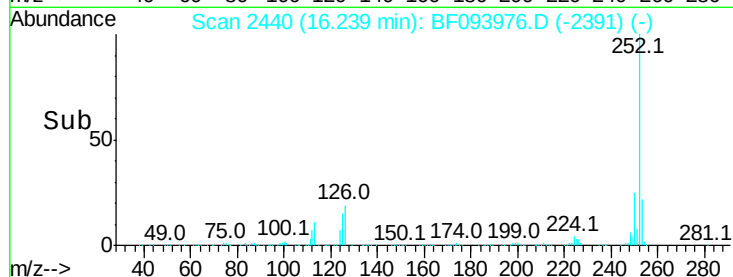
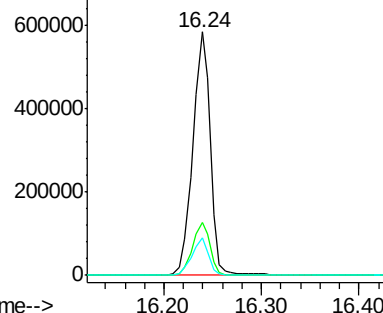
252 100

253 22.0 17.5 26.3

125 15.2 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: 43.70 ng

RT: 17.69 min Scan# 2687

Delta R.T. -0.02 min

Lab File: BF093976.D

Acq: 28 Mar 2017 7:01

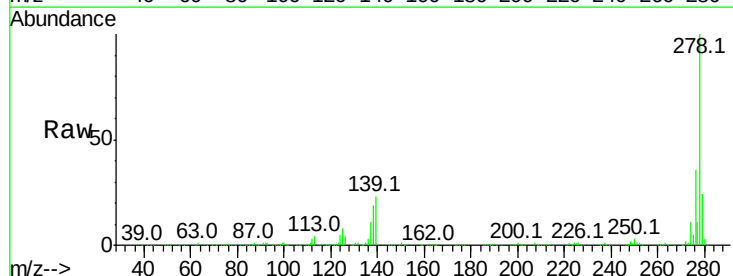
Tgt Ion:278 Resp: 606464

Ion Ratio Lower Upper

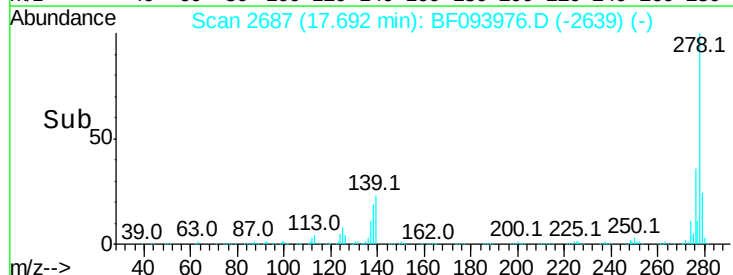
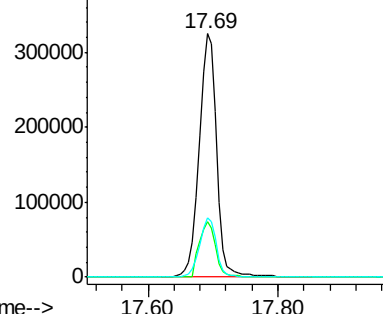
278 100

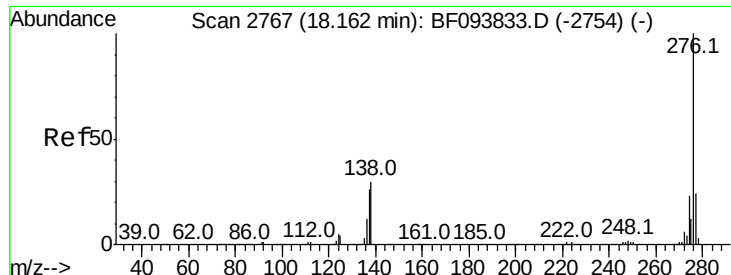
139 22.8 16.6 24.8

279 24.3 19.3 28.9



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

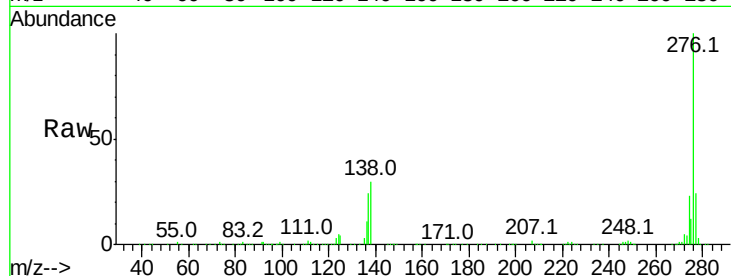




#91
 Benzo(a,h,i)perylene
 Concen: 40.48 ng
 RT: 18.08 min Scan# 2753
 Delta R.T. -0.02 min
 Lab File: BF093976.D
 Acq: 28 Mar 2017 7:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BS

Tot Ion:	276	Resp:	566213
Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	30.2	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

