

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094123.D
 Acq On : 3 Apr 2017 16:21
 Operator : SJ/MA
 Sample : PB97988BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97988BS

Quant Time: Apr 04 01:04:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.89	152	171204	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	682321	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	321746	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	556570	20.00	ng	-0.02
75) Chrysene-d12	14.62	240	446430	20.00	ng	-0.01
86) Perylene-d12	16.24	264	334874	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.43	112	1271563	125.45	ng	0.00
7) Phenol-d6	5.50	99	1592066	126.96	ng	0.00
23) Nitrobenzene-d5	6.54	82	1011816	84.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	360872	141.94	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	1864472	88.39	ng	-0.02
78) Terphenyl-d14	13.34	244	1586041	79.63	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.29	88	163470	33.57	ng	99
3) Pyridine	2.77	79	499811	37.66	ng	95
4) n-Nitrosodimethylamine	2.73	42	222205	40.69	ng	88
6) Aniline	5.51	93	455294	26.10	ng	# 43
8) 2-Chlorophenol	5.66	128	502073	45.06	ng	95
9) Benzaldehyde	5.38	77	381837	45.10	ng	99
10) Phenol	5.52	94	580364	40.67	ng	90
11) bis(2-Chloroethyl)ether	5.60	93	464360	41.64	ng	96
12) 1,3-Dichlorobenzene	5.82	146	534588	42.78	ng	98
13) 1,4-Dichlorobenzene	5.91	146	541450	42.78	ng	97
14) 1,2-Dichlorobenzene	6.09	146	502439	43.10	ng	94
15) Benzyl Alcohol	6.06	79	407114	44.36	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.22	45	656338	38.20	ng	94
17) 2-Methylphenol	6.20	107	416992	43.70	ng	95
18) Hexachloroethane	6.47	117	190461	42.81	ng	# 85
19) n-Nitroso-di-n-propylamine	6.37	70	347045	43.06	ng	96
20) 3+4-Methylphenols	6.38	107	537044	46.47	ng	# 63
22) Acetophenone	6.36	105	702343	46.18	ng	# 86
24) Nitrobenzene	6.56	77	513287	43.53	ng	93
25) Isophorone	6.85	82	928809	44.21	ng	95
26) 2-Nitrophenol	6.93	139	282689	50.27	ng	93
27) 2,4-Dimethylphenol	7.00	122	461668	47.65	ng	98
28) bis(2-Chloroethoxy)methane	7.11	93	606434	43.77	ng	99
29) 2,4-Dichlorophenol	7.23	162	439491	48.51	ng	98
30) 1,2,4-Trichlorobenzene	7.33	180	423301	45.36	ng	97
31) Naphthalene	7.42	128	1418693	43.24	ng	100
32) Benzoic acid	7.16	122	167114	25.91	ng	91
33) 4-Chloroaniline	7.48	127	255572	19.22	ng	94
34) Hexachlorobutadiene	7.57	225	214924	44.91	ng	100
35) Caprolactam	7.93	113	69832	24.17	ng	95
36) 4-Chloro-3-methylphenol	8.11	107	461872	48.79	ng	92
37) 2-Methylnaphthalene	8.26	142	1003695	45.89	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.47	216	369635	42.00	ng	99
40) Hexachlorocyclopentadiene	8.46	237	367969	89.34	ng	99

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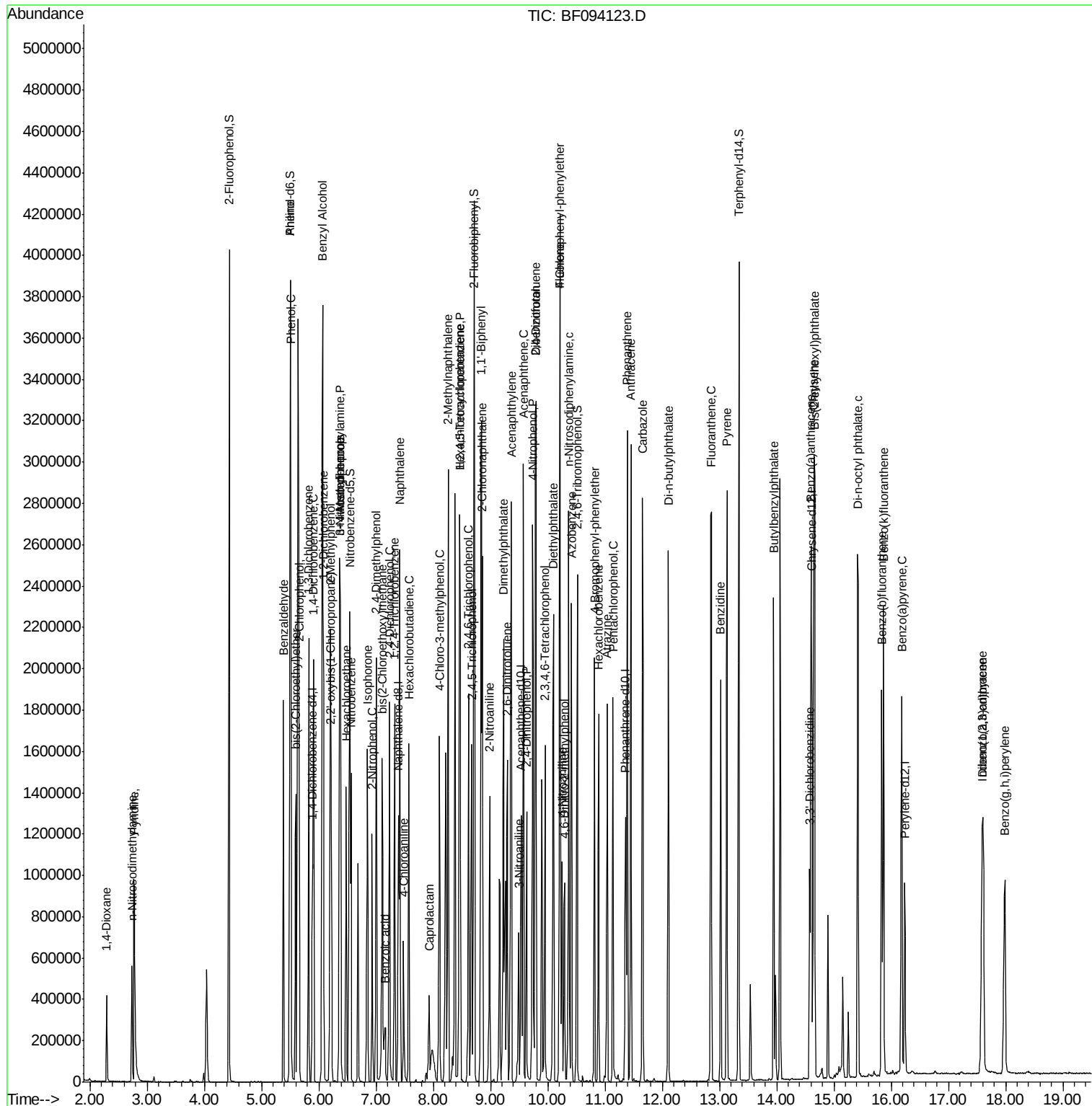
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.62	196	292220	46.93	nq	99
43) 2,4,5-Trichlorophenol	8.67	196	296567	44.01	nq	93
45) 1,1'-Biphenyl	8.84	154	1118687	43.11	nq	98
46) 2-Chloronaphthalene	8.86	162	890224	43.82	nq	95
47) 2-Nitroaniline	8.99	65	269869	44.78	nq	# 79
48) Acenaphthylene	9.36	152	1414022	41.88	nq	99
49) Dimethylphthalate	9.23	163	1067655	46.68	nq	100
50) 2,6-Dinitrotoluene	9.29	165	240971	45.96	nq	# 90
51) Acenaphthene	9.57	154	843804	42.83	nq	100
52) 3-Nitroaniline	9.49	138	144792	23.52	nq	88
53) 2,4-Dinitrophenol	9.63	184	194974	70.11	nq	# 69
54) Dibenzofuran	9.79	168	1222670	45.59	nq	100
55) 4-Nitrophenol	9.74	139	374146	77.60	nq	# 61
56) 2,4-Dinitrotoluene	9.79	165	294494	44.72	nq	# 69
57) Fluorene	10.21	166	924820	41.58	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	214777	46.45	nq	99
59) Diethylphthalate	10.10	149	1032744	45.69	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	403167	42.55	nq	97
61) 4-Nitroaniline	10.25	138	268042	45.37	nq	93
62) Azobenzene	10.42	77	999418	46.74	nq	95
64) 4,6-Dinitro-2-methylphenol	10.29	198	148736	43.64	nq	# 71
65) n-Nitrosodiphenylamine	10.37	169	881887	45.82	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	254509	46.49	nq	96
67) Hexachlorobenzene	10.89	284	261470	47.19	nq	# 87
68) Atrazine	11.04	200	263086	45.63	nq	94
69) Pentachlorophenol	11.14	266	220363	63.89	nq	96
70) Phenanthrene	11.39	178	1384947	44.73	nq	99
71) Anthracene	11.46	178	1419831	44.54	nq	99
72) Carbazole	11.66	167	1335039	40.84	nq	99
73) Di-n-butylphthalate	12.11	149	1613539	47.46	nq	99
74) Fluoranthene	12.86	202	1421989	44.85	nq	98
76) Benzidine	13.02	184	825874	46.74	nq	# 93
77) Pyrene	13.13	202	1429370	44.12	nq	99
79) Butylbenzylphthalate	13.94	149	689047	49.91	nq	# 85
80) Benzo(a)anthracene	14.60	228	1183005	45.44	nq	99
81) 3,3'-Dichlorobenzidine	14.57	252	197490	21.22	nq	# 96
82) Chrysene	14.64	228	1042657	43.16	nq	99
83) Bis(2-ethylhexyl)phthalate	14.66	149	941639	50.00	nq	99
84) Di-n-octyl phthalate	15.42	149	1510076	47.99	nq	98
85) Indeno(1,2,3-cd)pyrene	17.59	276	834900	39.90	nq	100
87) Benzo(b)fluoranthene	15.84	252	992061	48.33	nq	99
88) Benzo(k)fluoranthene	15.87	252	891794	44.40	nq	# 96
89) Benzo(a)pyrene	16.19	252	871153	46.09	nq	99
90) Dibenzo(a,h)anthracene	17.61	278	688822	43.03	nq	98
91) Benzo(g,h,i)perylene	17.99	276	693010	42.96	nq	98

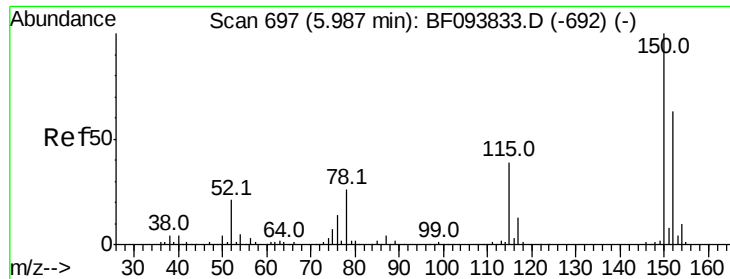
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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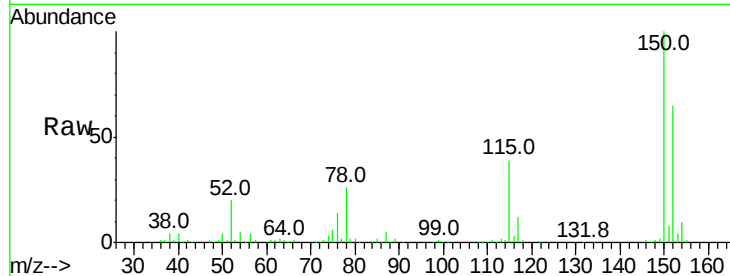


#1

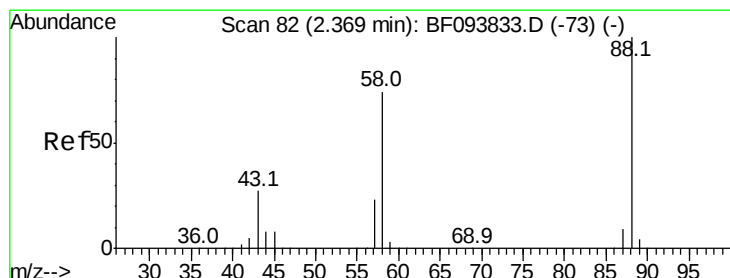
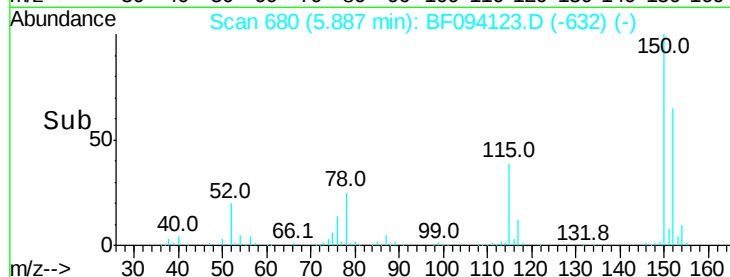
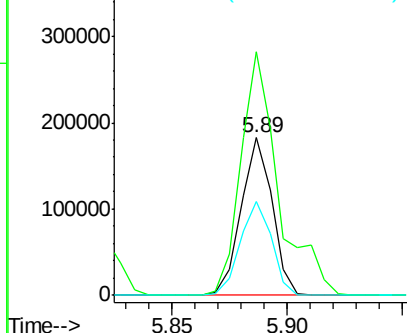
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.89 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF094123.D
Acq: 3 Apr 2017 16:21

Instrument :
BNA_F
ClientSampleId :
PB97988BS

Tot Ion:152 Resp: 171204
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.2
115 59.6 52.2 78.2



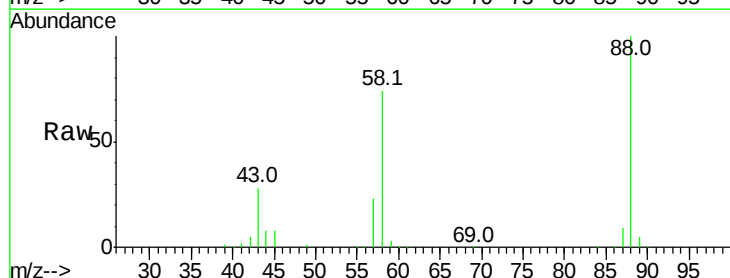
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



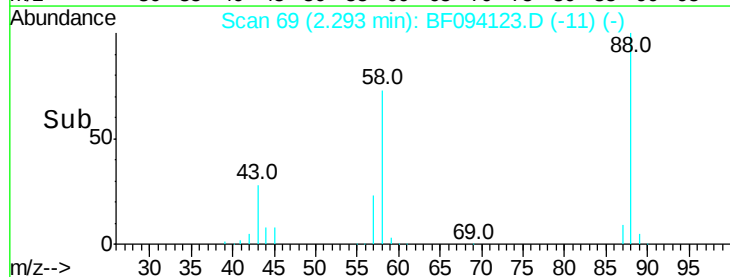
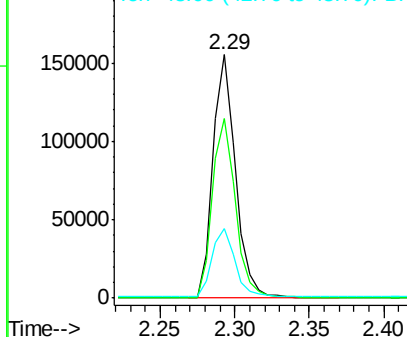
#2

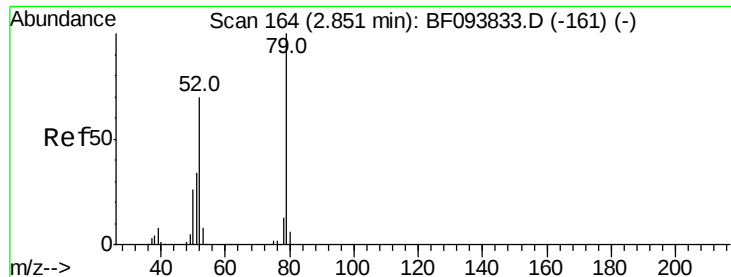
1,4-Dioxane
Concen: 33.57 ng
RT: 2.29 min Scan# 69
Delta R.T. 0.04 min
Lab File: BF094123.D
Acq: 3 Apr 2017 16:21

Tgt Ion: 88 Resp: 163470
Ion Ratio Lower Upper
88 100
58 76.0 61.4 92.0
43 29.1 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: 37.66 ng

RT: 2.77 min Scan# 150

Delta R.T. 0.02 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

Instrument :

BNA_F

ClientSampleId :

PB97988BS

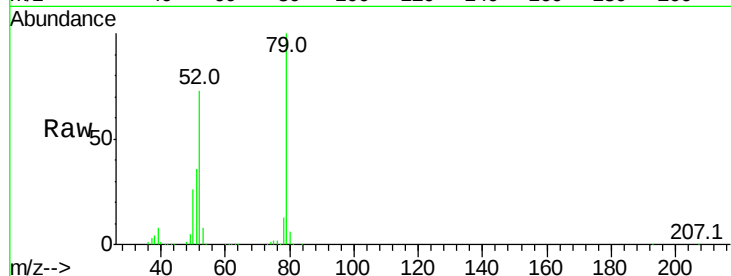
Tot Ion: 79 Resp: 499811

Ion Ratio Lower Upper

79 100

52 72.6 54.8 82.2

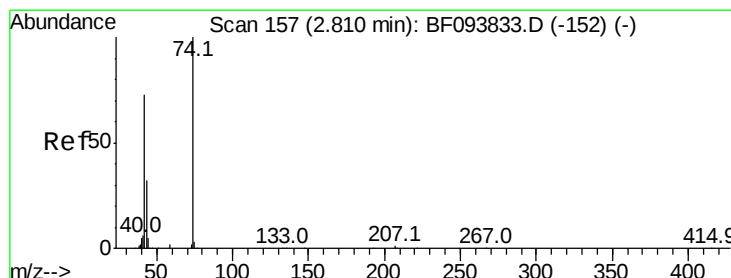
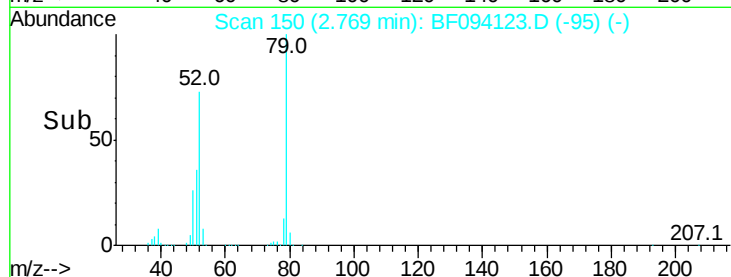
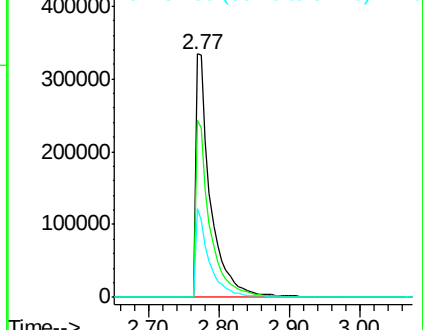
51 36.5 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.69 ng

RT: 2.73 min Scan# 144

Delta R.T. 0.02 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

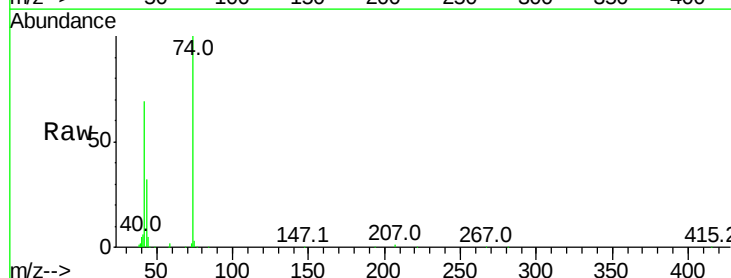
Tgt Ion: 42 Resp: 222205

Ion Ratio Lower Upper

42 100

74 144.2 103.9 155.9

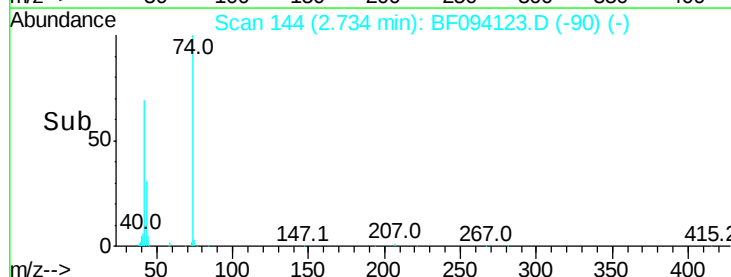
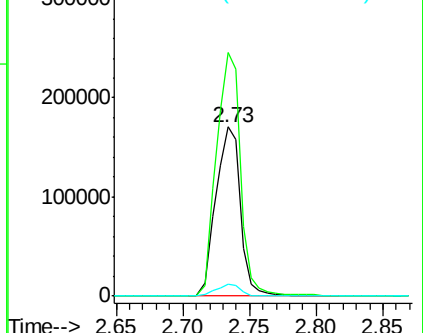
44 7.0 5.7 8.5

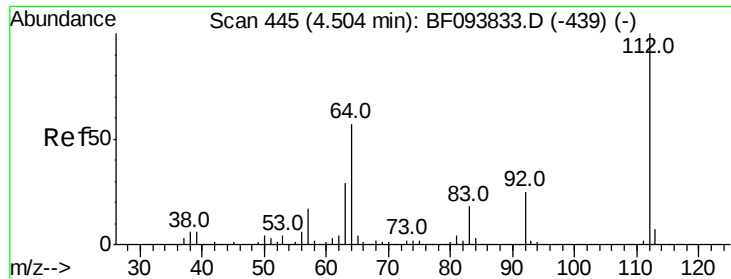


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 125.45 ng

RT: 4.43 min Scan# 433

Delta R.T. -0.00 min

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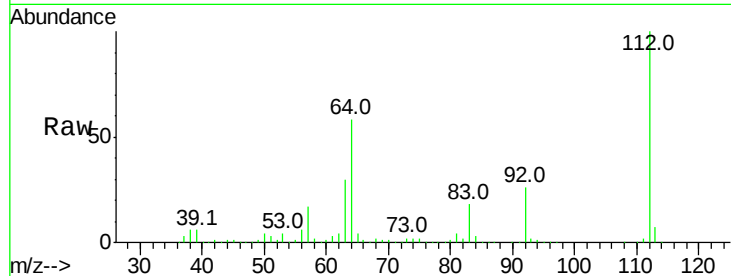
Tot Ion:112 Resp: 1271563

Ion Ratio Lower Upper

112 100

64 57.9 46.0 69.0

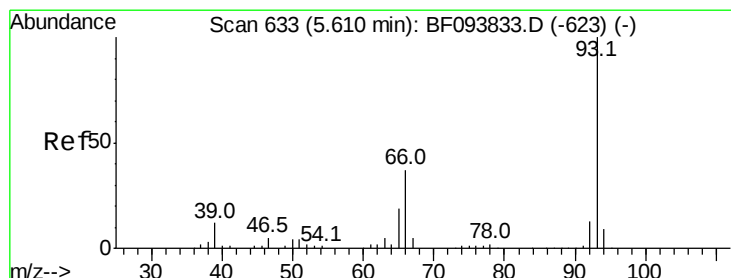
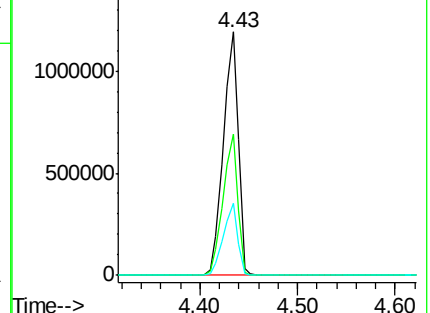
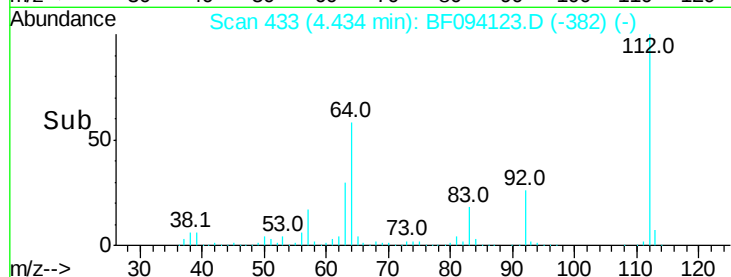
63 29.5 23.4 35.0



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: 26.10 ng

RT: 5.51 min Scan# 616

Delta R.T. -0.02 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

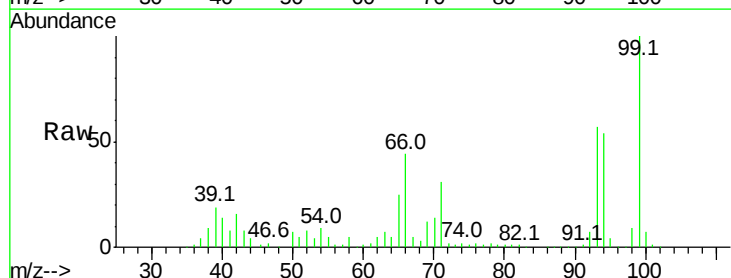
Tgt Ion: 93 Resp: 455294

Ion Ratio Lower Upper

93 100

66 77.6 32.9 49.3#

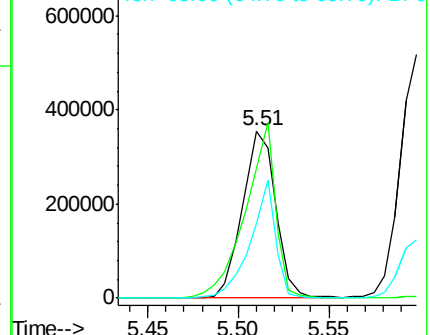
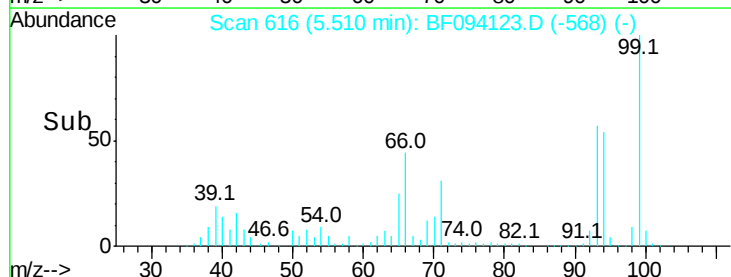
65 44.6 16.0 24.0#

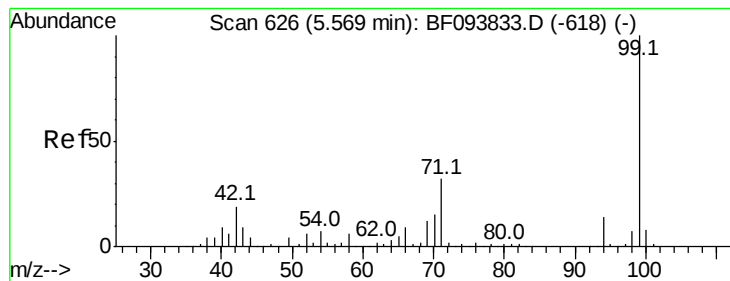


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.96 ng

RT: 5.50 min Scan# 615

Delta R.T. -0.01 min

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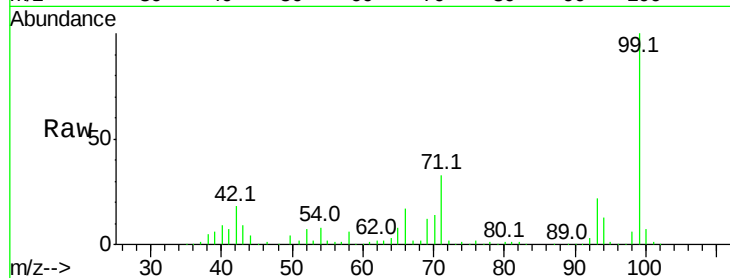
Tot Ion: 99 Resp: 1592066

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.5	20.3
71	33.3	24.5	36.7

99 100

42 17.6 13.5 20.3

71 33.3 24.5 36.7

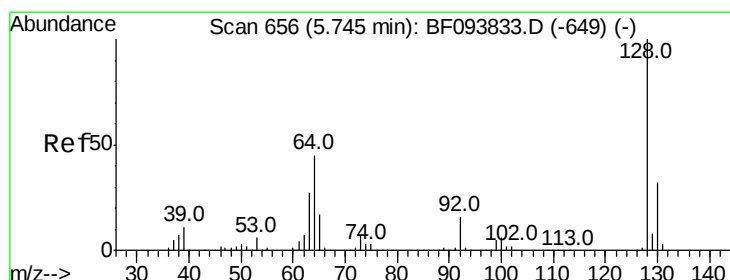
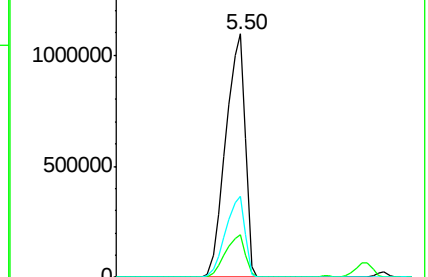
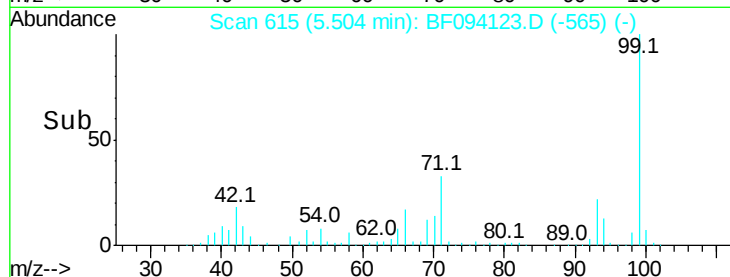


Abundance

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: 45.06 ng

RT: 5.66 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF094123.D

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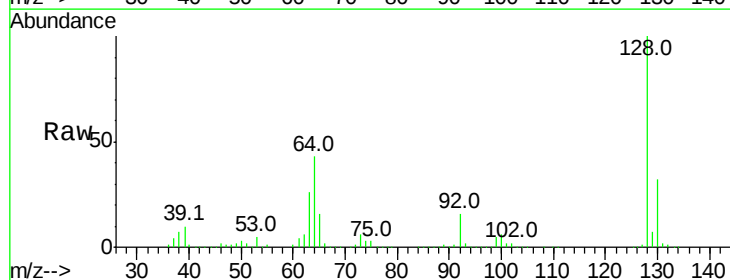
Tgt Ion:128 Resp: 502073

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.9	52.9
64	43.4	28.4	68.4

128 100

130 32.4 12.9 52.9

64 43.4 28.4 68.4

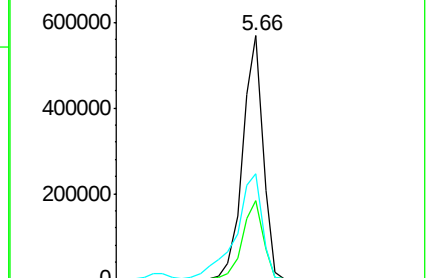
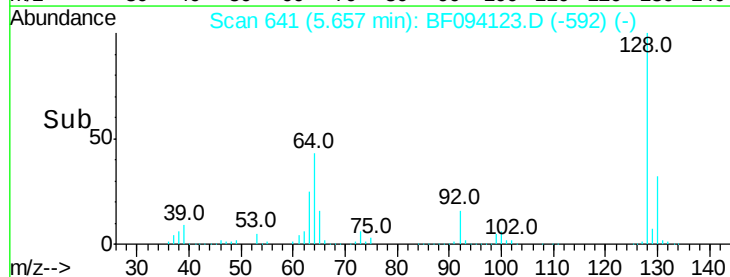


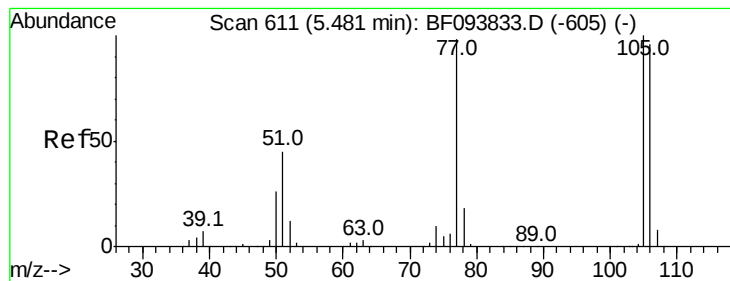
Abundance

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: 45.10 ng

RT: 5.38 min Scan# 594

Delta R.T. -0.02 min

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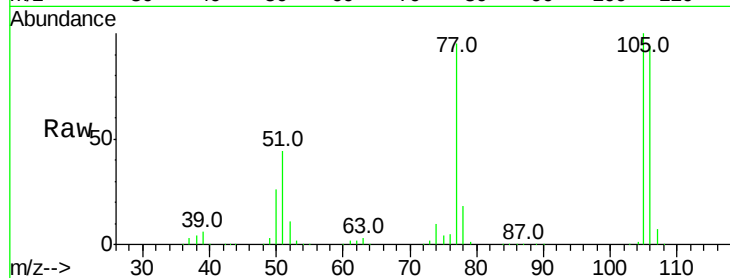
Tot Ion: 77 Resp: 381837

Ion Ratio Lower Upper

77 100

105 105.8 83.8 123.8

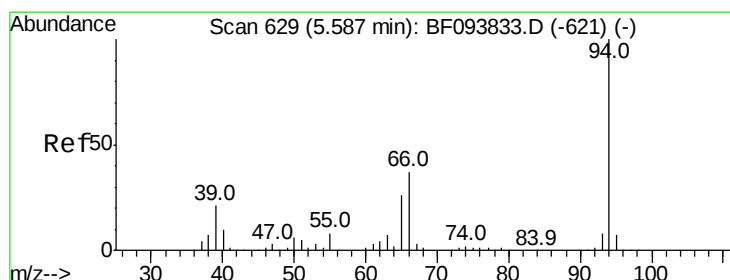
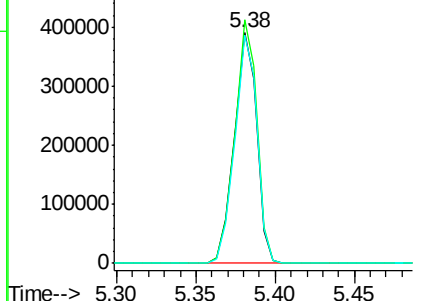
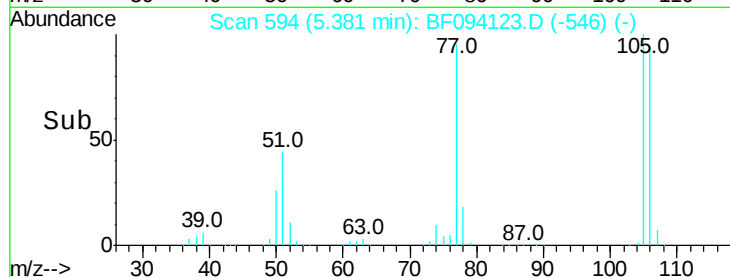
106 99.4 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.67 ng

RT: 5.52 min Scan# 617

Delta R.T. -0.01 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

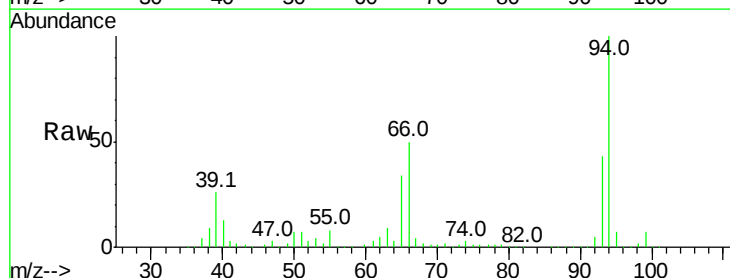
Tgt Ion: 94 Resp: 580364

Ion Ratio Lower Upper

94 100

65 33.9 9.9 49.9

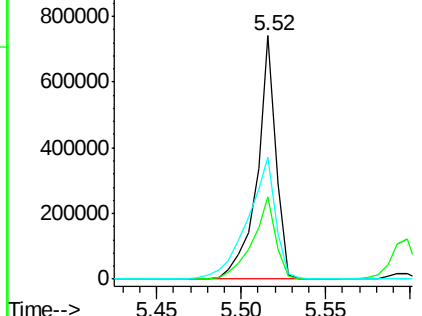
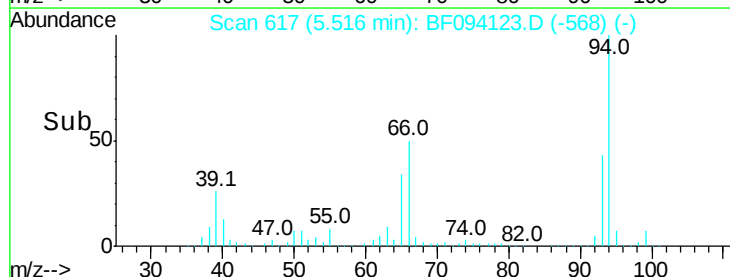
66 50.3 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

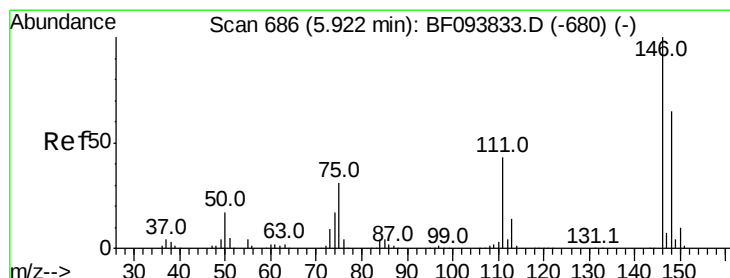
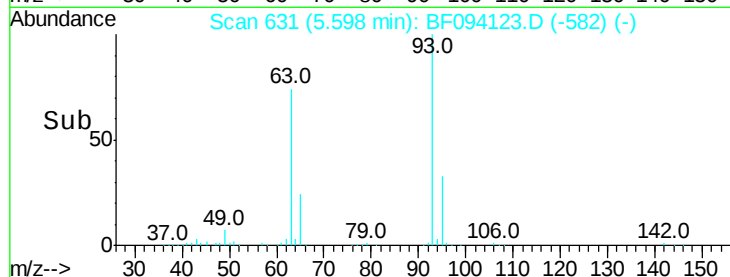
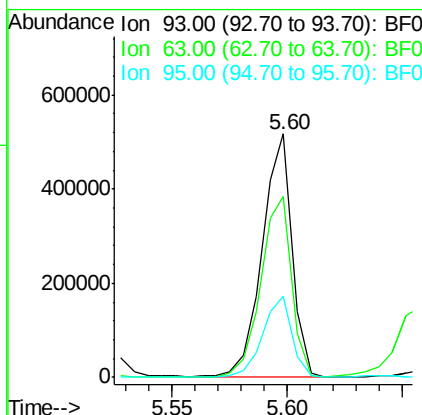
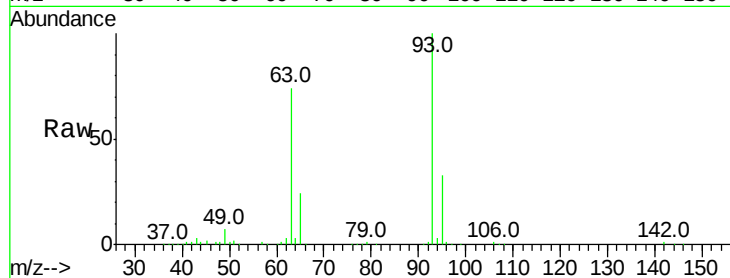




#11
bis(2-Chloroethyl)ether
Concen: 41.64 ng
RT: 5.60 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF094123.D
Acq: 3 Apr 2017 16:21

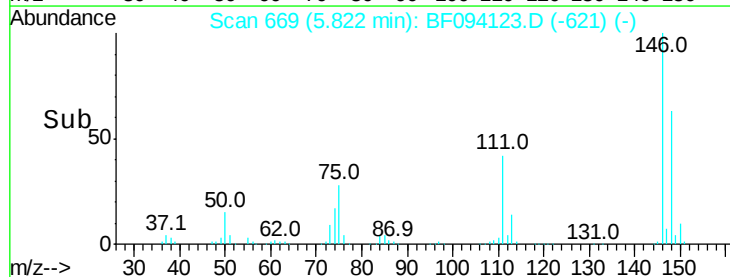
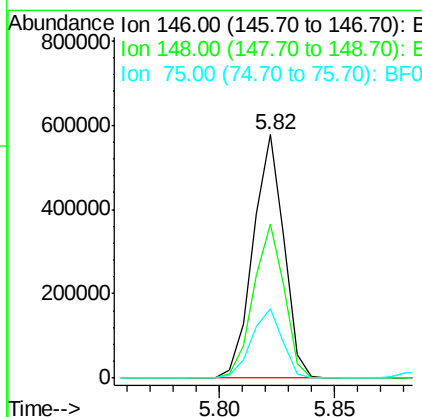
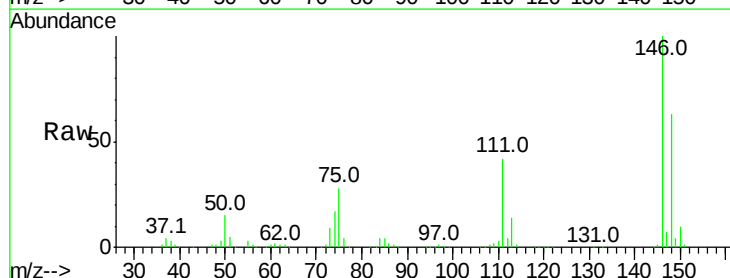
Instrument :
BNA_F
ClientSampleId :
PB97988BS

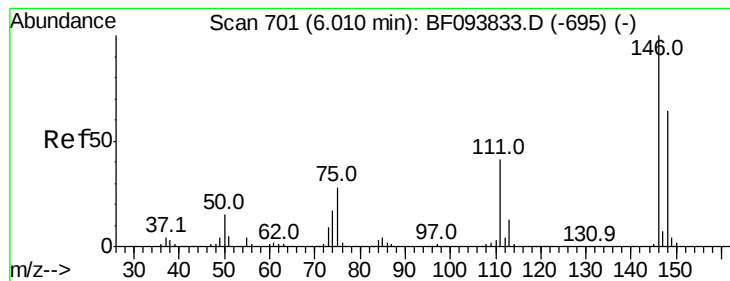
Tot Ion: 93 Resp: 464360
Ion Ratio Lower Upper
93 100
63 74.1 59.2 99.2
95 33.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.78 ng
RT: 5.82 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF094123.D
Acq: 3 Apr 2017 16:21

Tgt Ion: 146 Resp: 534588
Ion Ratio Lower Upper
146 100
148 63.0 51.8 77.6
75 28.4 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 42.78 ng

RT: 5.91 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

Instrument :

BNA_F

ClientSampleId :

PB97988BS

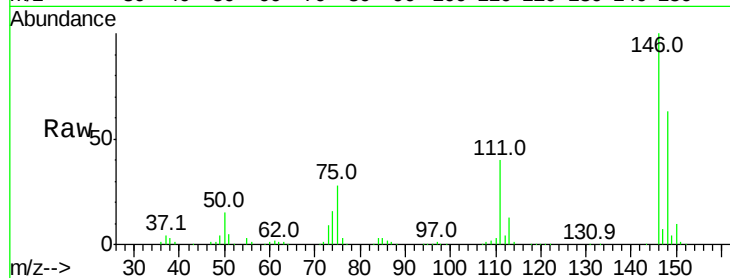
Tot Ion:146 Resp: 541450

Ion Ratio Lower Upper

146 100

148 63.5 52.2 78.2

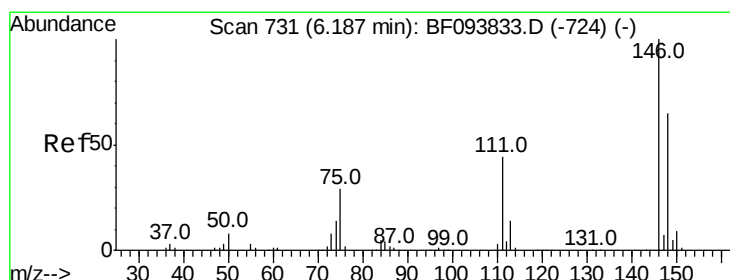
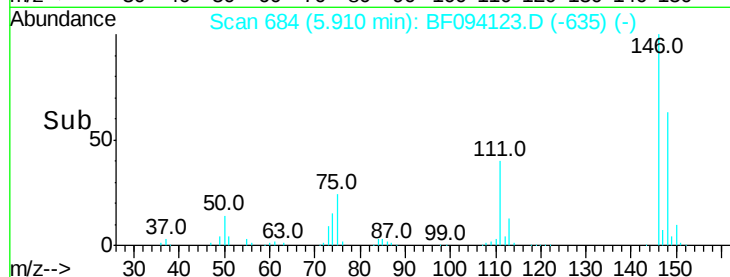
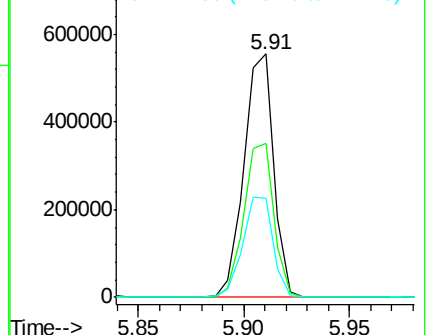
111 40.4 30.3 45.5



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: 43.10 ng

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

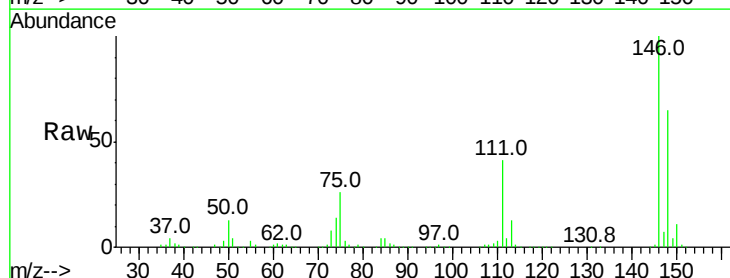
Tgt Ion:146 Resp: 502439

Ion Ratio Lower Upper

146 100

148 64.9 50.4 75.6

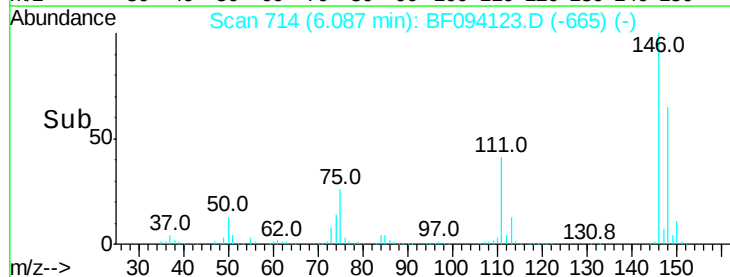
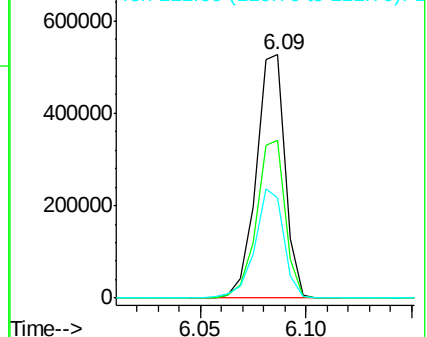
111 41.1 38.2 57.4



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: 44.36 ng

RT: 6.06 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

Instrument :

BNA_F

ClientSampled :

PB97988BS

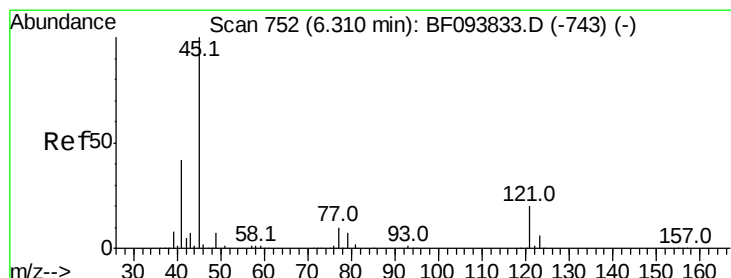
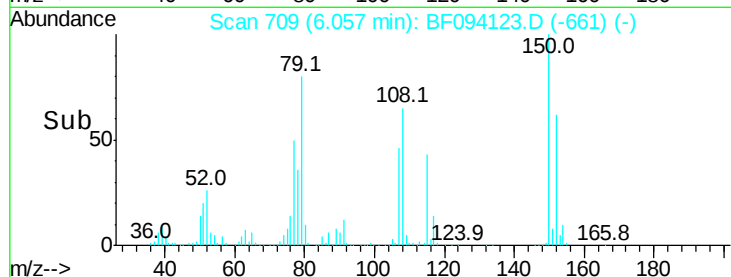
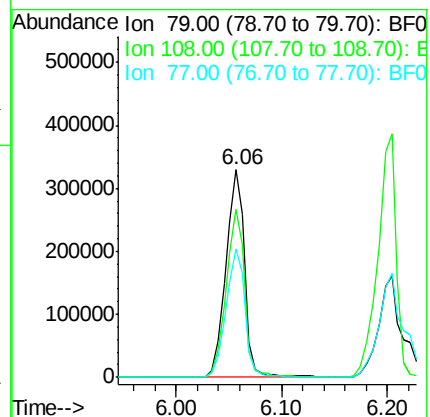
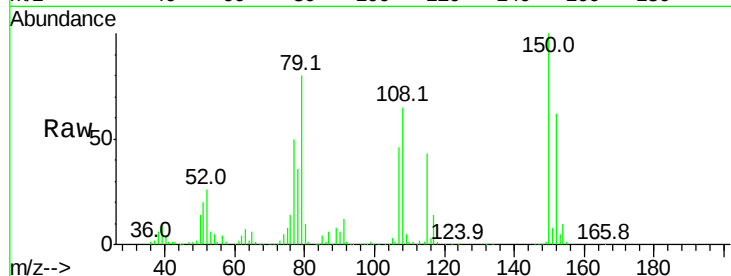
Tot Ion: 79 Resp: 407114

Ion Ratio Lower Upper

79 100

108 81.2 63.4 95.0

77 61.9 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.20 ng

RT: 6.22 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

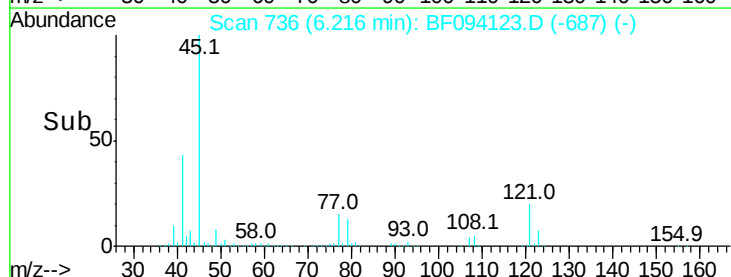
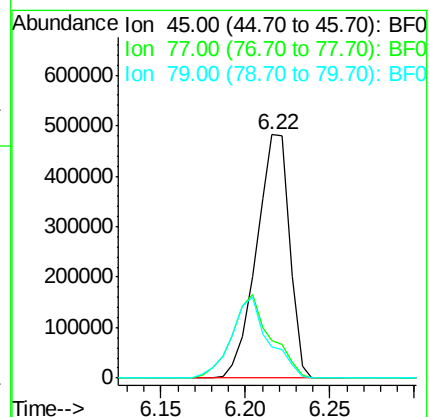
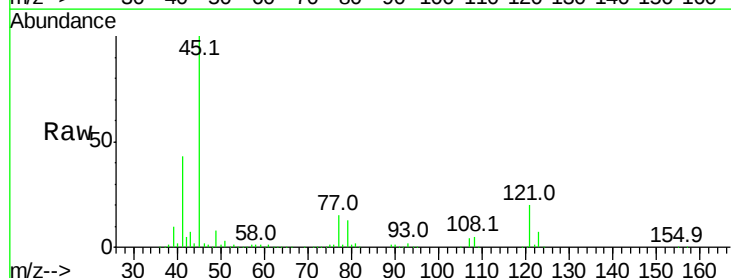
Tgt Ion: 45 Resp: 656338

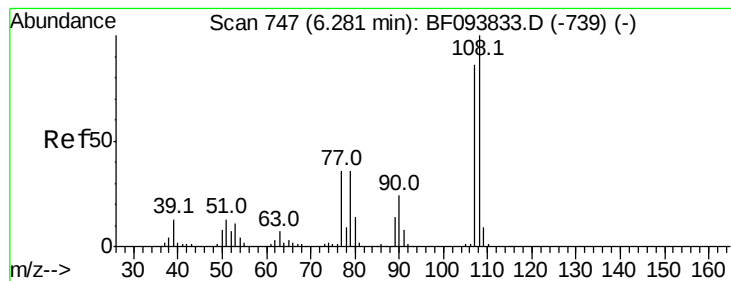
Ion Ratio Lower Upper

45 100

77 15.2 0.0 33.2

79 12.5 0.0 30.0

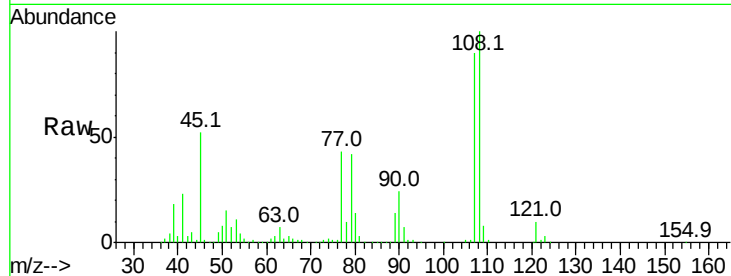




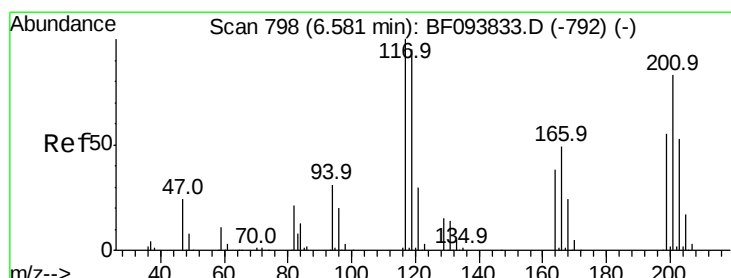
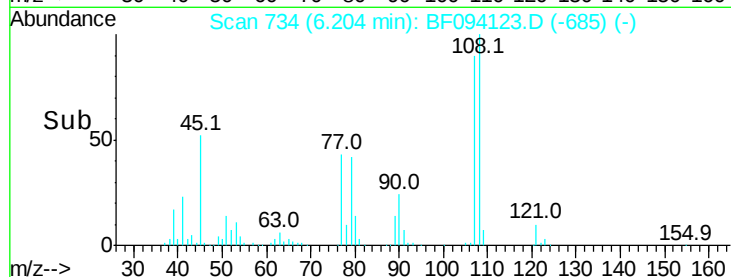
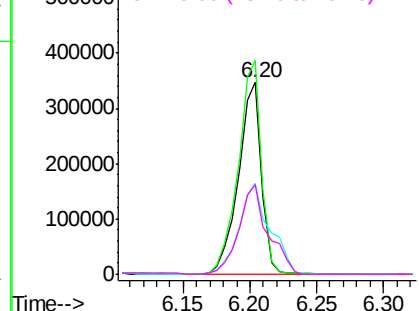
#17
2-Methylphenol
Concen: 43.70 ng
RT: 6.20 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF094123.D
Acq: 3 Apr 2017 16:21

Instrument :
BNA_F
ClientSampleId :
PB97988BS

Tot Ion:	107	Resp:	416992
Ion	Ratio	Lower	Upper
107	100		
108	111.3	93.4	140.0
77	47.6	35.8	53.6
79	46.4	34.8	52.2

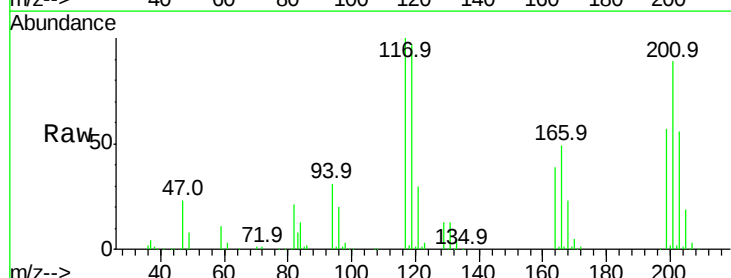


Abundance Ion 107.00 (106.70 to 107.70): E
600000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

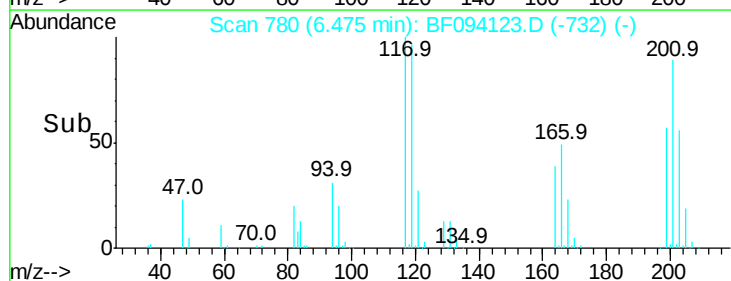
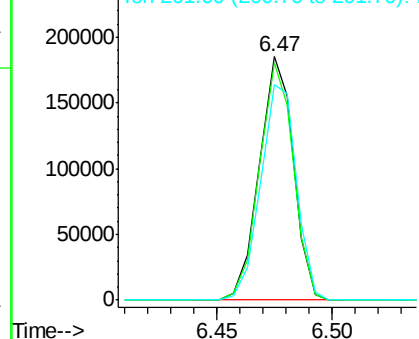


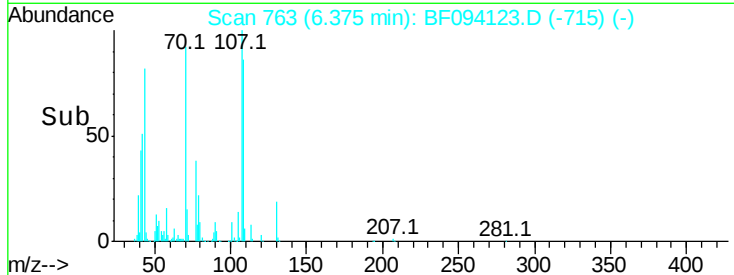
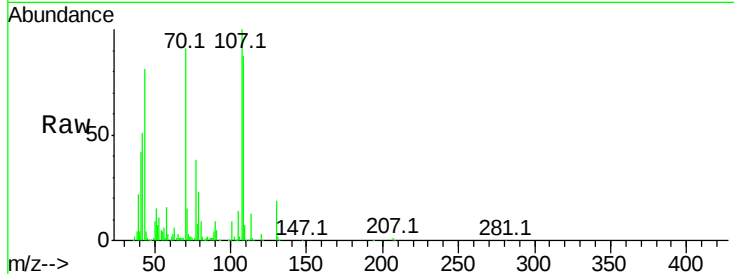
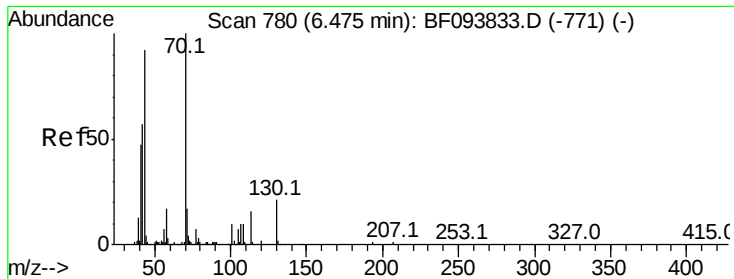
#18
Hexachloroethane
Concen: 42.81 ng
RT: 6.47 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF094123.D
Acq: 3 Apr 2017 16:21

Tgt Ion:	117	Resp:	190461
Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.4	116.0
201	88.7	94.6	141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
250000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

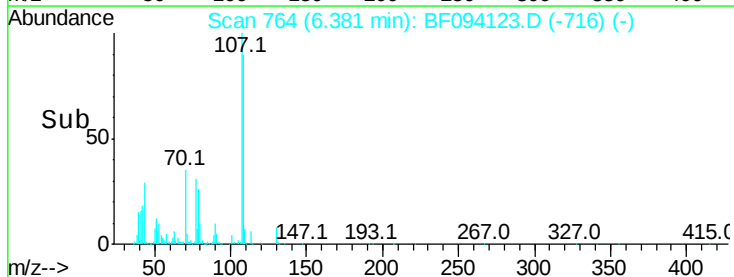
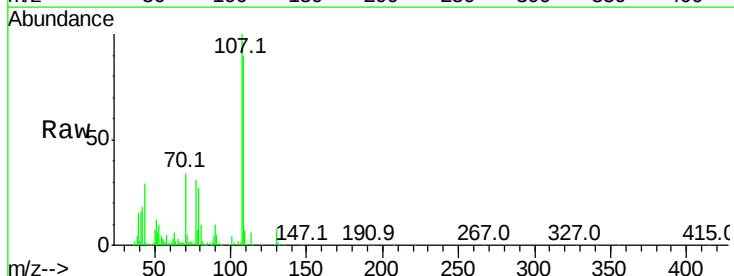
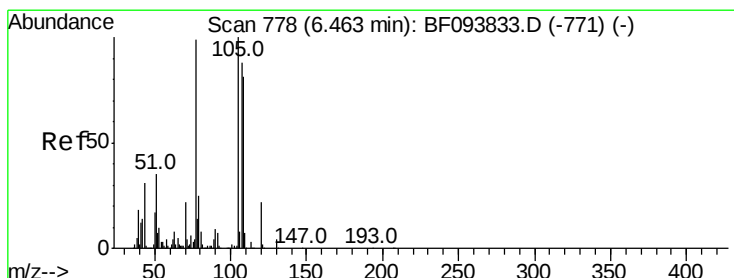
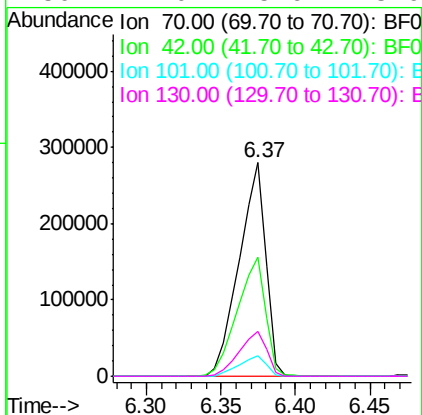




#19
n-Nitroso-di-n-propylamine
Concen: 43.06 ng
RT: 6.37 min Scan# 763
Delta R.T. -0.02 min
Lab File: BF094123.D
Acq: 3 Apr 2017 16:21

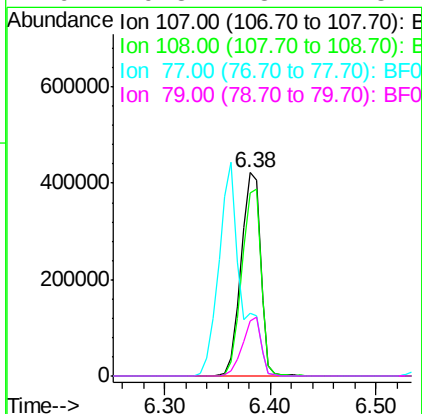
Instrument :
BNA_F
ClientSampleId :
PB97988BS

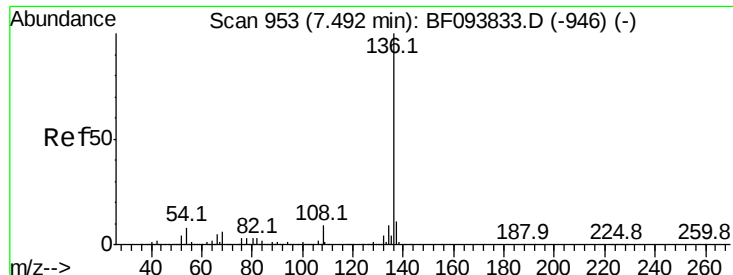
Tot Ion:	70	Resp:	347045
Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.2	70.8
101	9.7	7.2	10.8
130	21.0	15.9	23.9



#20
3+4-Methylphenols
Concen: 46.47 ng
RT: 6.38 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF094123.D
Acq: 3 Apr 2017 16:21

Tgt Ion:	107	Resp:	537044
Ion	Ratio	Lower	Upper
107	100		
108	89.9	71.0	111.0
77	30.8	90.5	130.5#
79	26.8	8.4	48.4

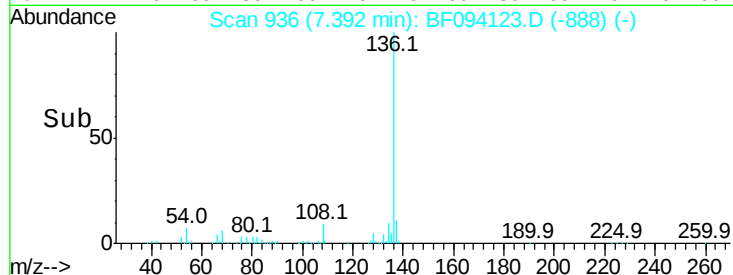
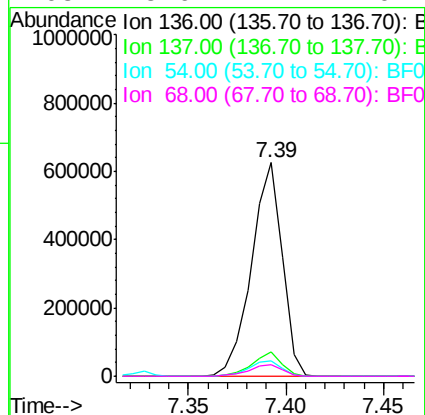
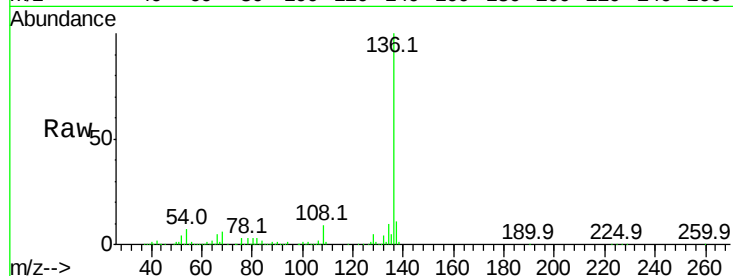




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.39 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF094123.D
Acq: 3 Apr 2017 16:21

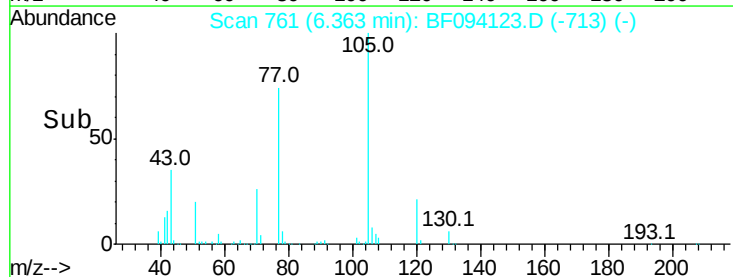
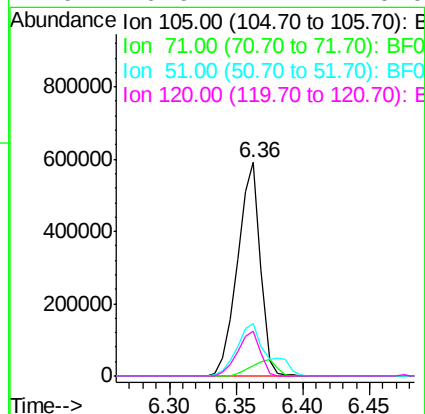
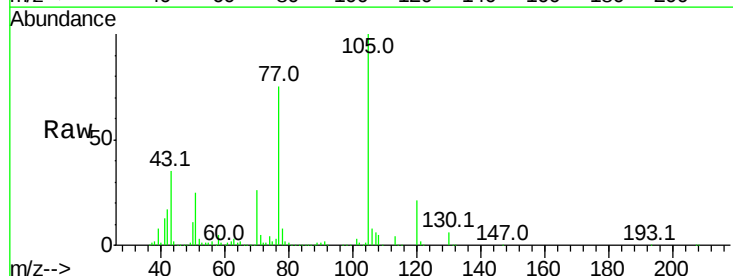
Instrument :
BNA_F
ClientSampleId :
PB97988BS

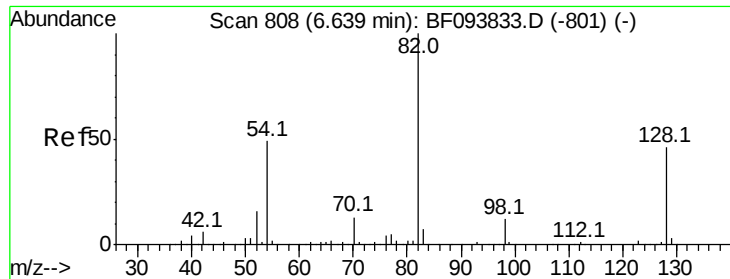
Tot Ion:136	Resp: 682321
Ion Ratio	Lower Upper
136 100	
137 11.2	8.5 12.7
54 7.4	4.9 7.3#
68 5.6	4.1 6.1



#22
Acetophenone
Concen: 46.18 ng
RT: 6.36 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF094123.D
Acq: 3 Apr 2017 16:21

Tgt Ion:105	Resp: 702343
Ion Ratio	Lower Upper
105 100	
71 4.6	2.8 4.2#
51 24.8	30.7 46.1#
120 20.9	17.4 26.0

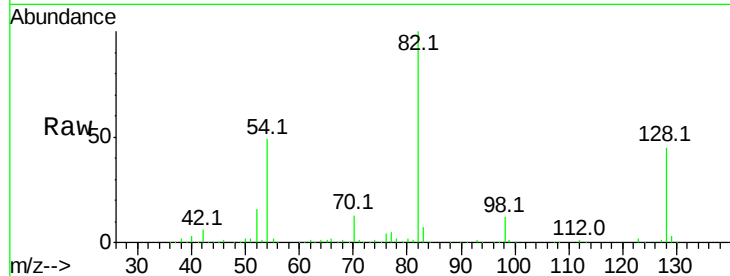




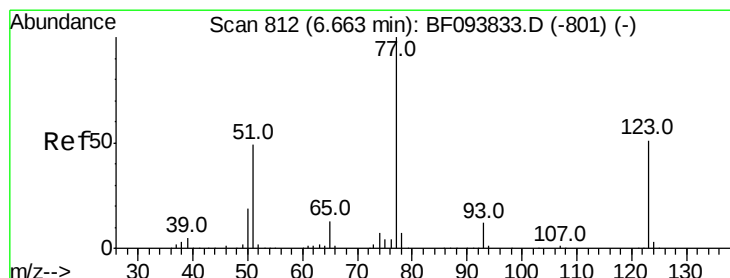
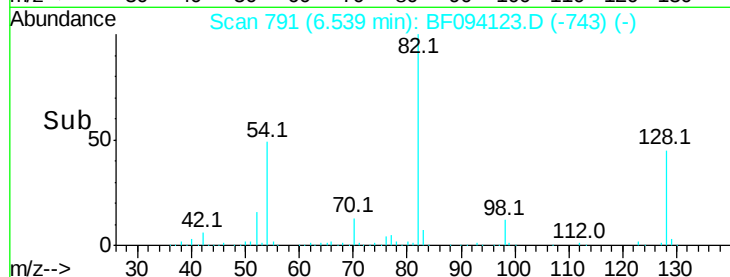
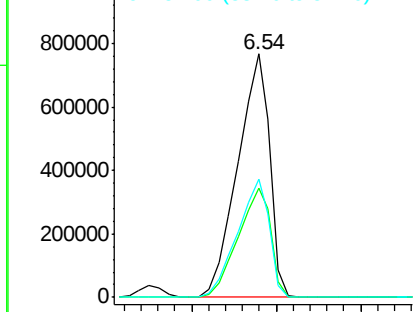
#23
 Nitrobenzene-d5
 Concen: 84.63 ng
 RT: 6.54 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB97988BS

Tot Ion: 82 Resp: 1011816
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.0 51.0
 54 48.8 42.2 63.2

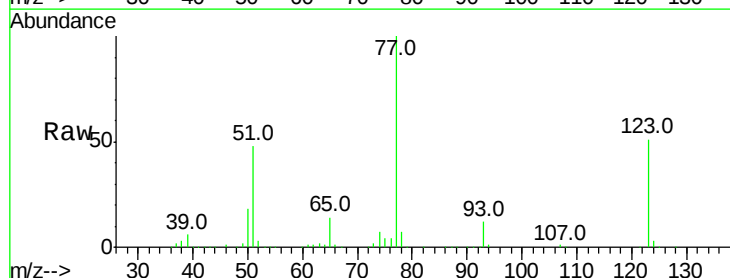


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

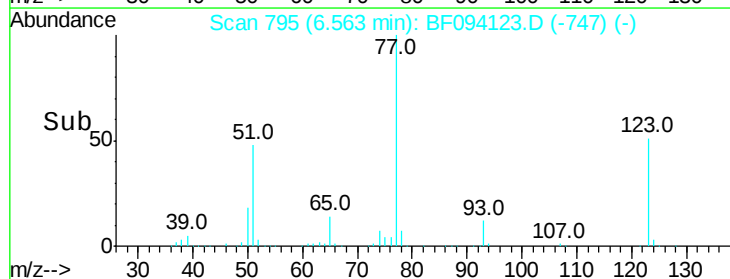
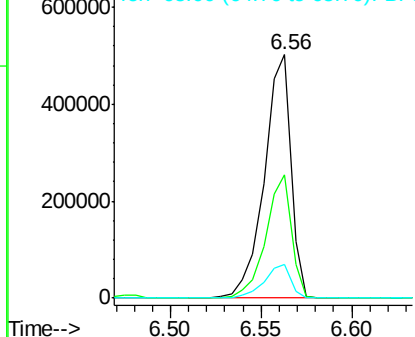


#24
 Nitrobenzene
 Concen: 43.53 ng
 RT: 6.56 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

Tgt Ion: 77 Resp: 513287
 Ion Ratio Lower Upper
 77 100
 123 50.8 35.8 53.8
 65 13.6 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0

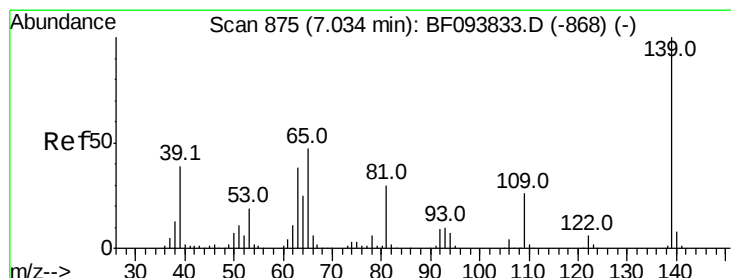
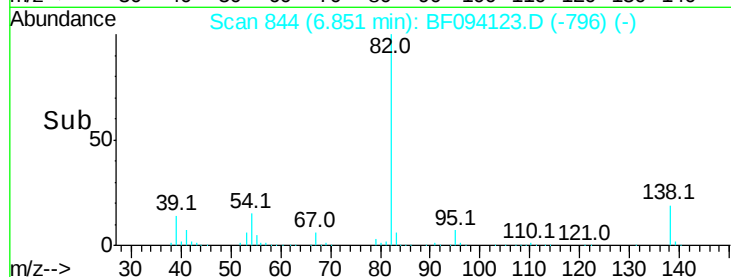
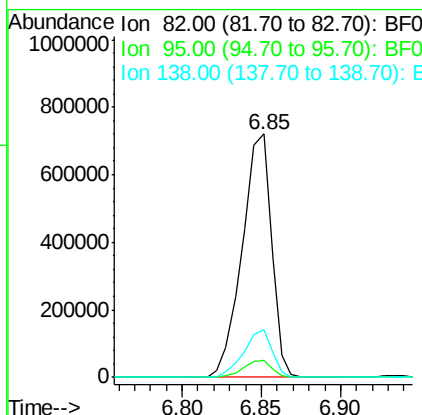
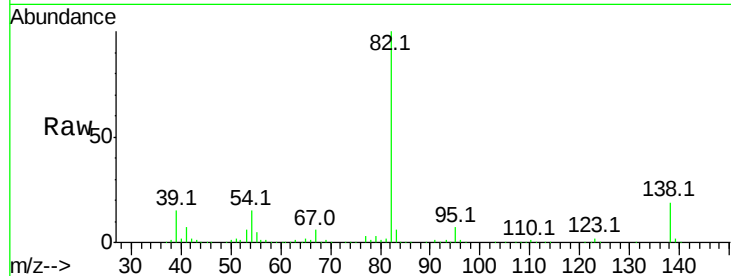




#25
Isophorone
Concen: 44.21 ng
RT: 6.85 min Scan# 844
Delta R.T. -0.02 min
Lab File: BF094123.D
Acq: 3 Apr 2017 16:21

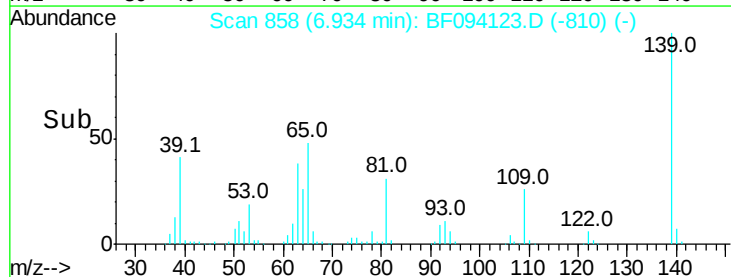
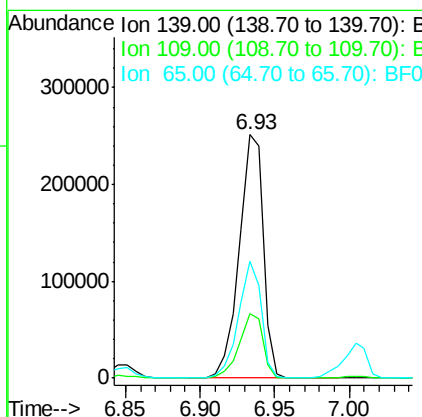
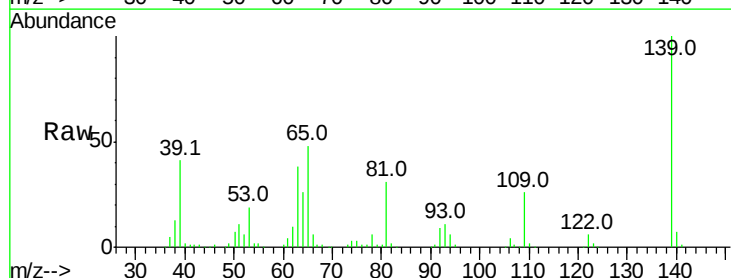
Instrument :
BNA_F
ClientSampleId :
PB97988BS

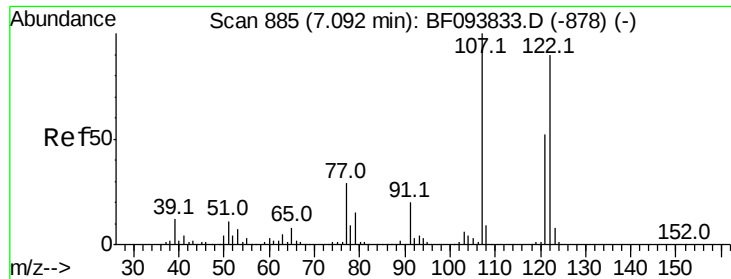
Tot Ion: 82 Resp: 928809
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 19.4 13.1 19.7



#26
2-Nitrophenol
Concen: 50.27 ng
RT: 6.93 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF094123.D
Acq: 3 Apr 2017 16:21

Tgt Ion: 139 Resp: 282689
Ion Ratio Lower Upper
139 100
109 26.4 21.0 31.6
65 48.1 33.0 49.6

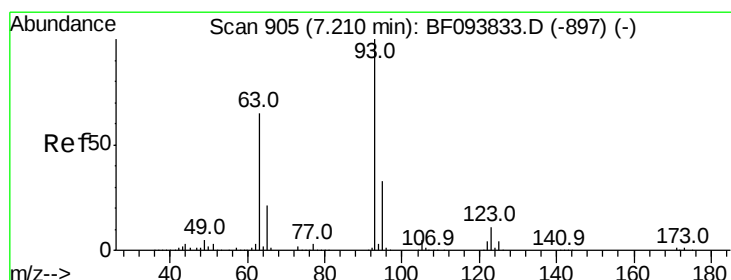
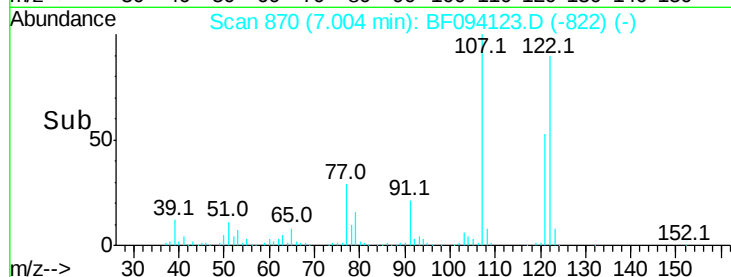
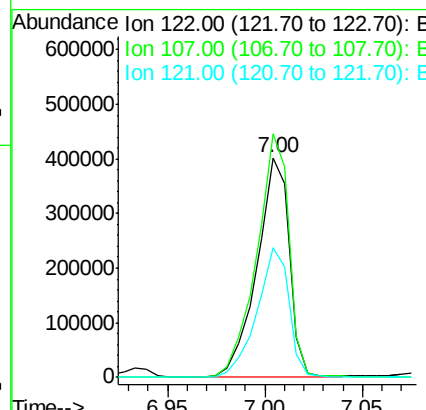
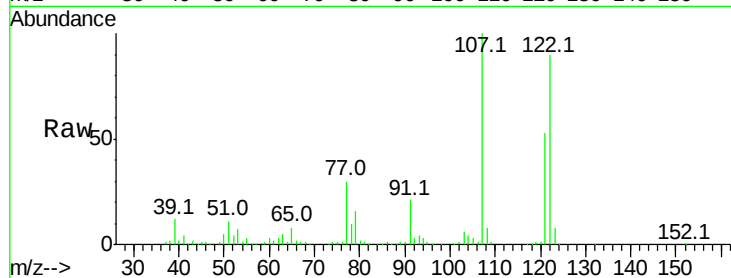




#27
 2,4-Dimethylphenol
 Concen: 47.65 ng
 RT: 7.00 min Scan# 870
 Delta R.T. -0.02 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

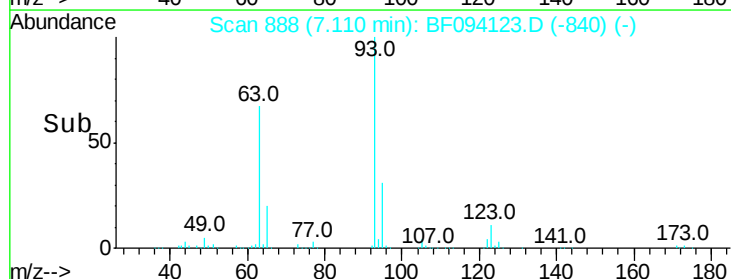
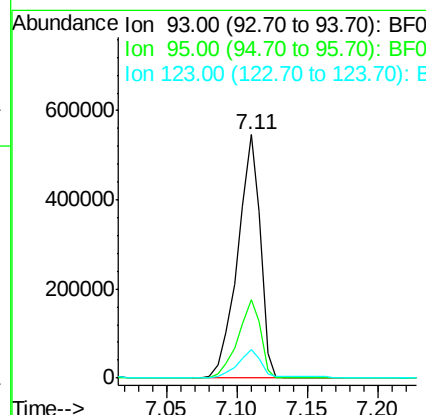
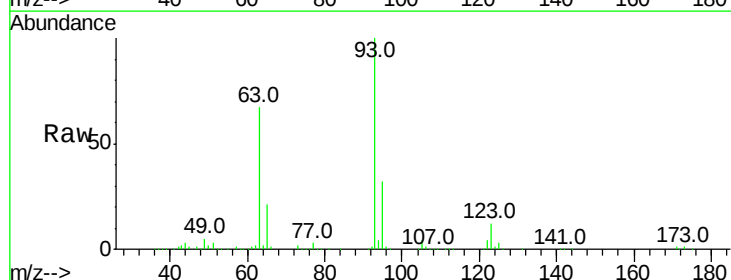
Instrument :
 BNA_F
 ClientSampleId :
 PB97988BS

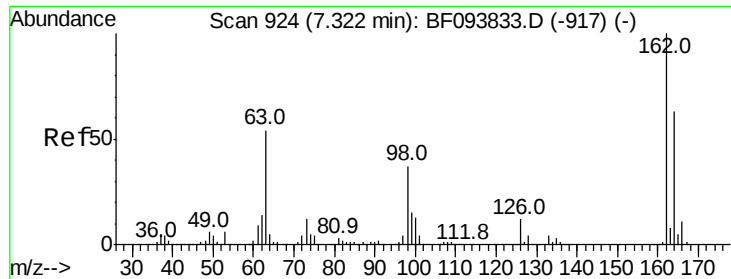
Tot Ion:122 Resp: 461668
 Ion Ratio Lower Upper
 122 100
 107 110.8 89.2 133.8
 121 59.0 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.77 ng
 RT: 7.11 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

Tgt Ion: 93 Resp: 606434
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 11.6 9.0 13.4

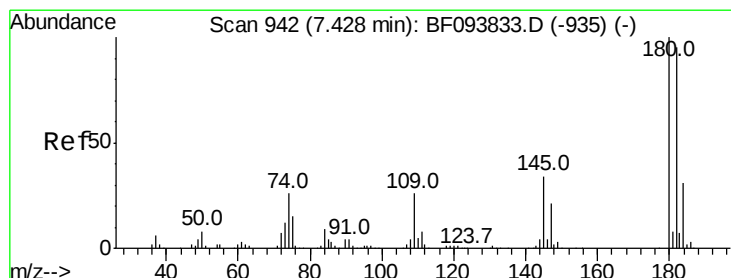
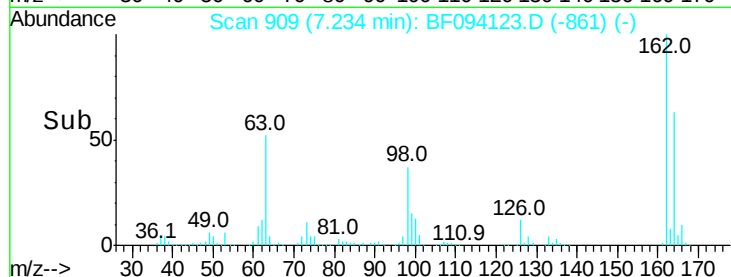
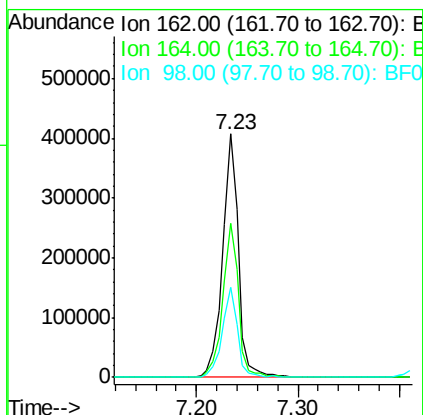
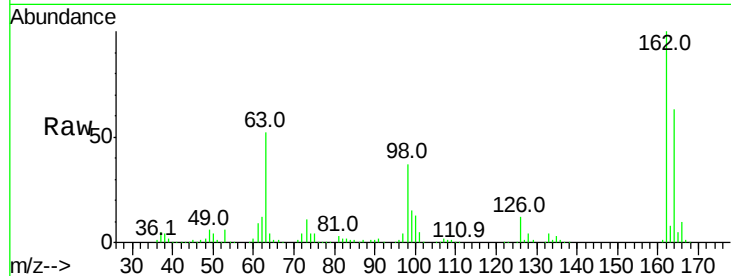




#29
 2,4-Dichlorophenol
 Concen: 48.51 ng
 RT: 7.23 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

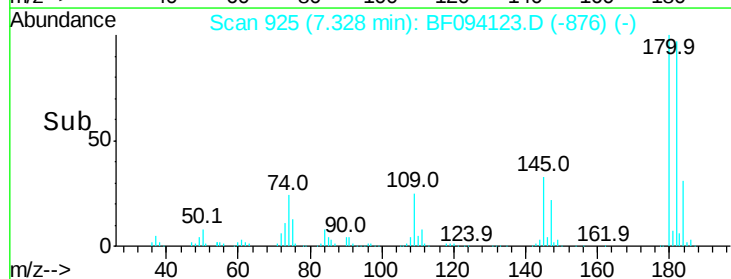
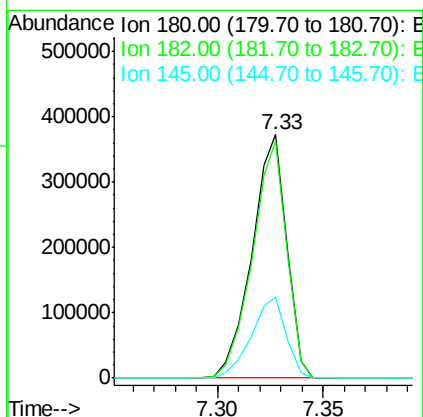
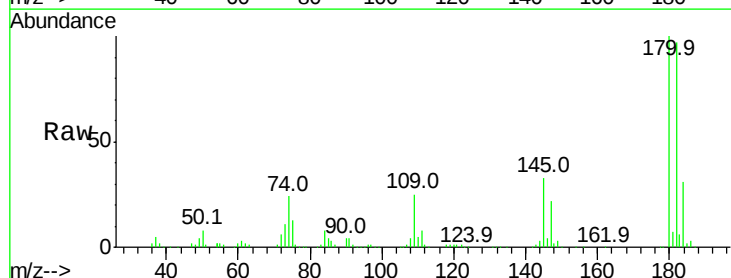
Instrument :
 BNA_F
 ClientSampleID :
 PB97988BS

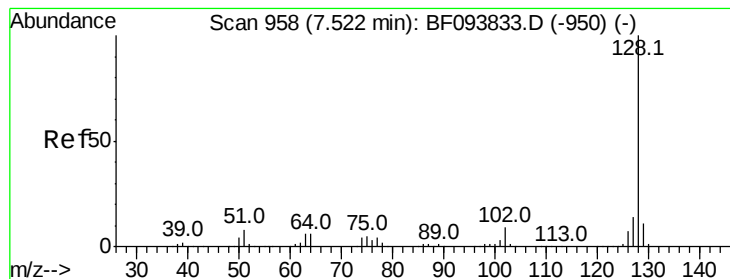
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.6	84.6
98	36.8	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 45.36 ng
 RT: 7.33 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	75.8	113.6
145	33.4	25.3	37.9





#31

Naphthalene

Concen: 43.24 ng

RT: 7.42 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

Instrument :

BNA_F

ClientSampleId :

PB97988BS

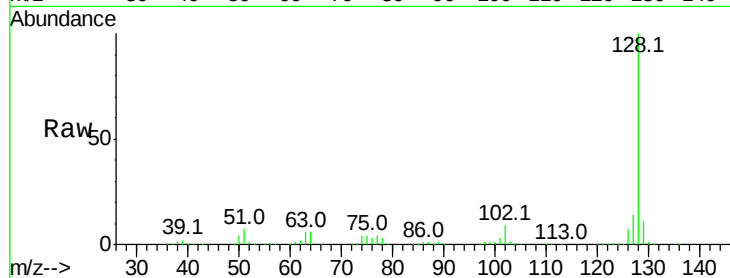
Tot Ion:128 Resp: 1418693

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

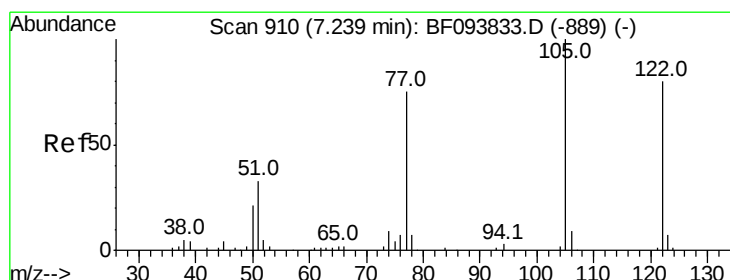
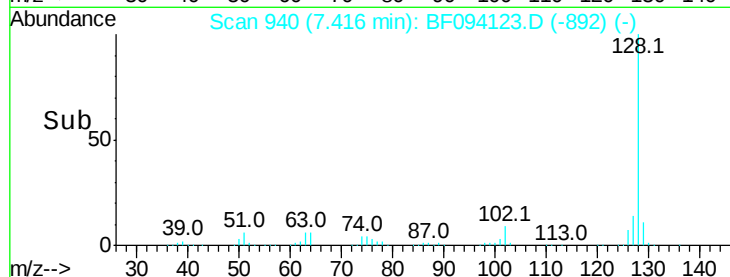
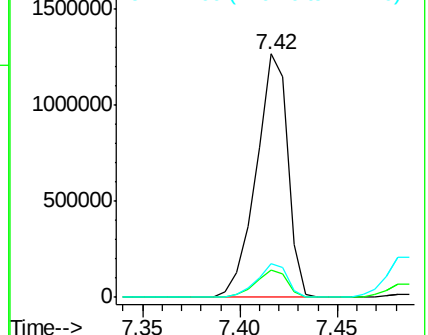
127 13.7 10.8 16.2



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: 25.91 ng

RT: 7.16 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

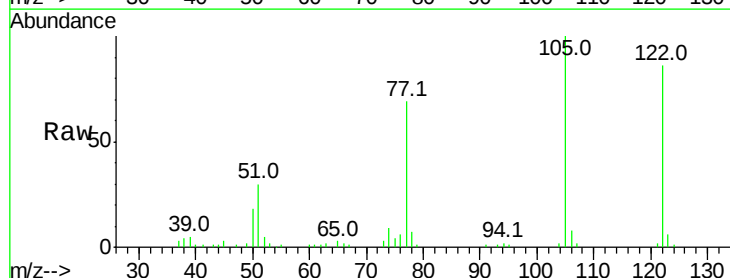
Tgt Ion:122 Resp: 167114

Ion Ratio Lower Upper

122 100

105 116.4 103.3 143.3

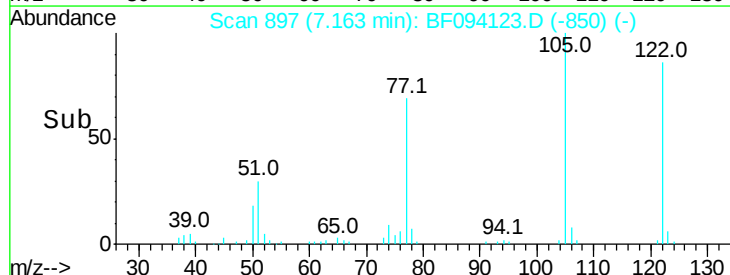
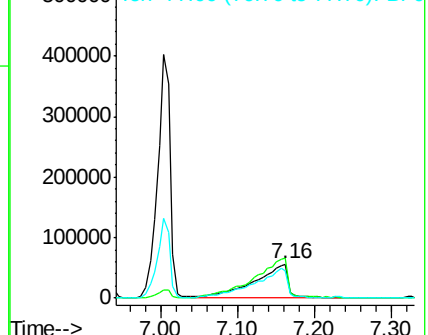
77 80.4 73.7 113.7



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

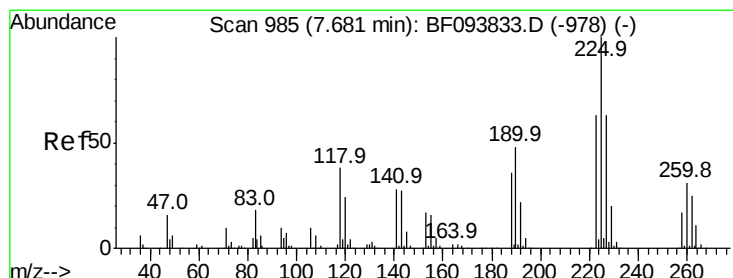
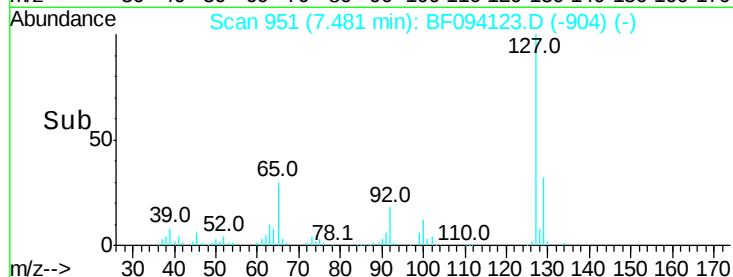
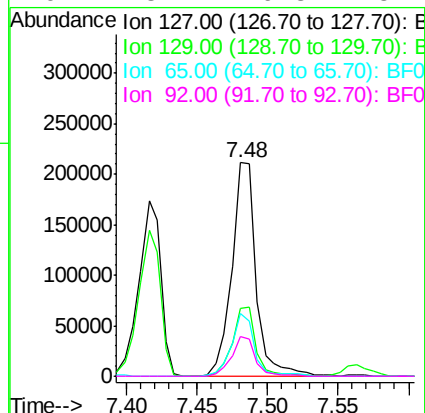
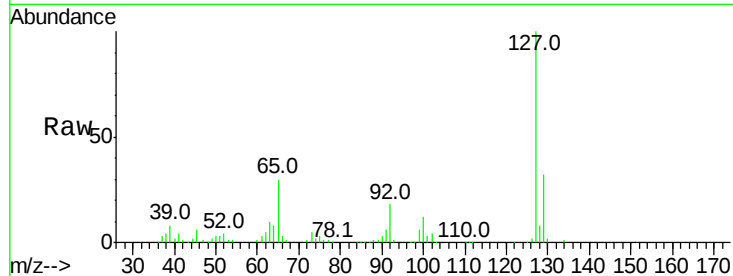




#33
4-Chloroaniline
Concen: 19.22 ng
RT: 7.48 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF094123.D
Acq: 3 Apr 2017 16:21

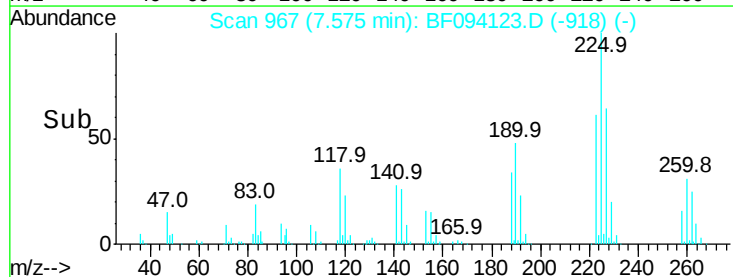
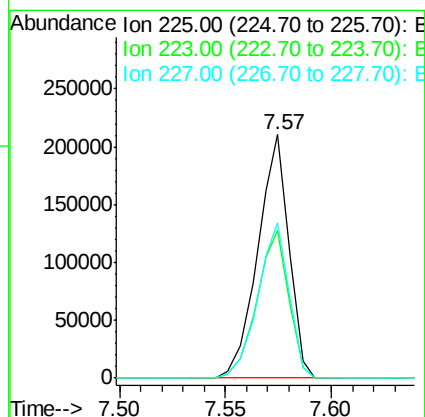
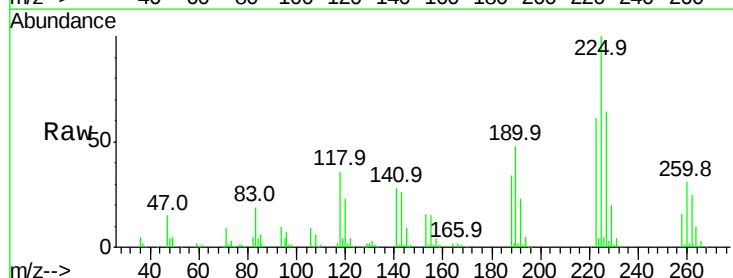
Instrument :
BNA_F
ClientSampleId :
PB97988BS

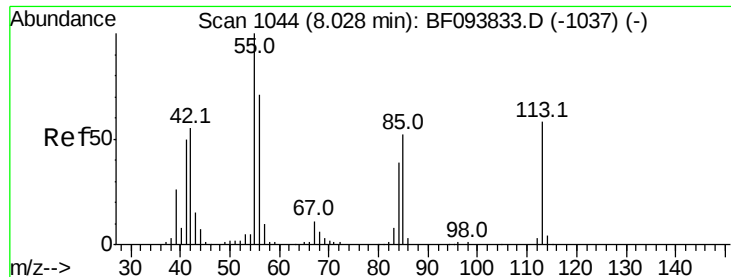
Tot Ion:	127	Resp:	255572
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.2	39.2
65	29.5	27.8	41.8
92	18.4	16.8	25.2



#34
Hexachlorobutadiene
Concen: 44.91 ng
RT: 7.57 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF094123.D
Acq: 3 Apr 2017 16:21

Tgt Ion:	225	Resp:	214924
Ion	Ratio	Lower	Upper
225	100		
223	60.8	48.8	73.2
227	64.0	51.1	76.7

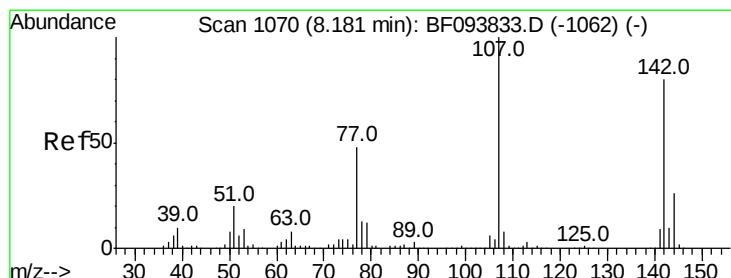
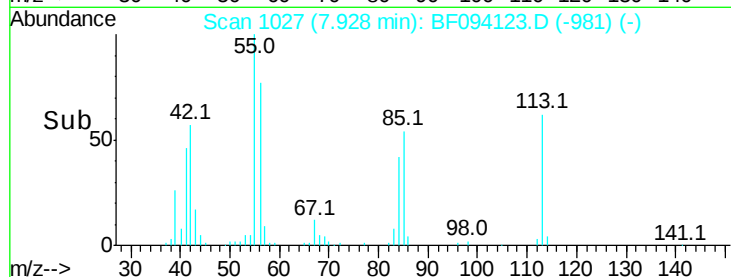
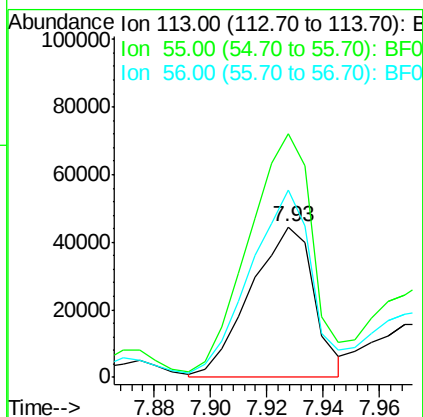
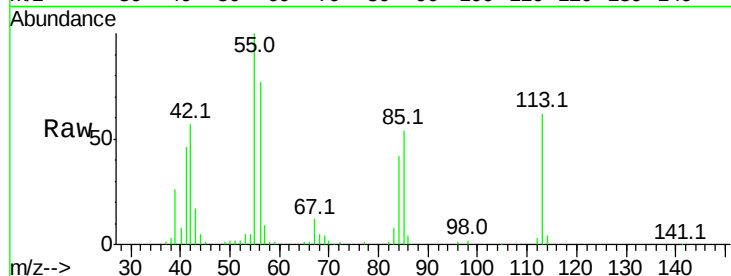




#35
 Caprolactam
 Concen: 24.17 ng
 RT: 7.93 min Scan# 1027
 Delta R.T. -0.03 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

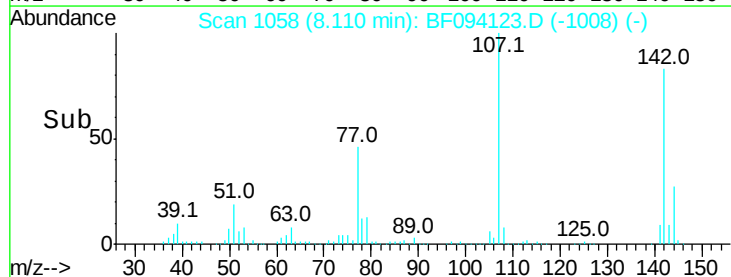
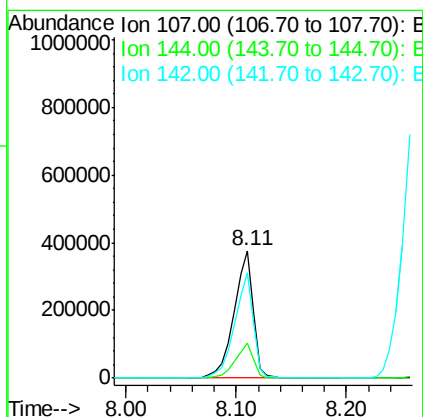
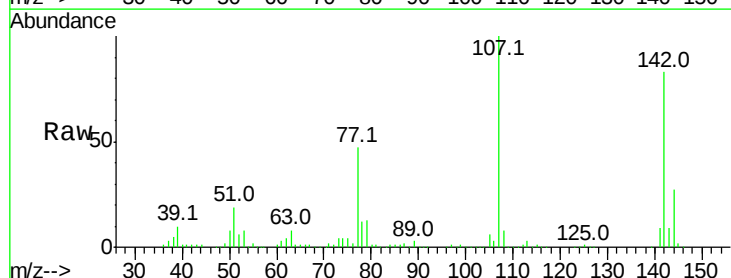
Instrument :
 BNA_F
 ClientSampleID :
 PB97988BS

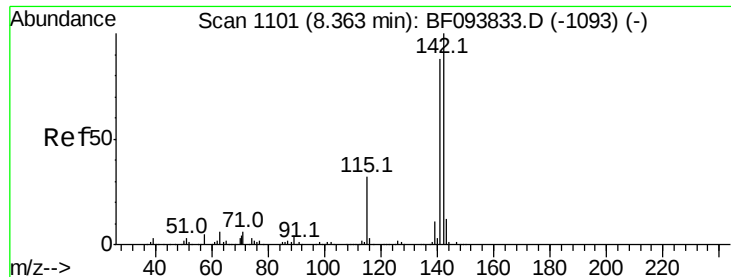
Tot Ion:113 Resp: 69832
 Ion Ratio Lower Upper
 113 100
 55 161.7 150.2 190.2
 56 124.6 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 48.79 ng
 RT: 8.11 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

Tgt Ion:107 Resp: 461872
 Ion Ratio Lower Upper
 107 100
 144 27.2 24.2 36.4
 142 82.8 73.4 110.0





#37

2-Methylnaphthalene

Concen: 45.89 ng

RT: 8.26 min Scan# 1084

Delta R.T. -0.01 min

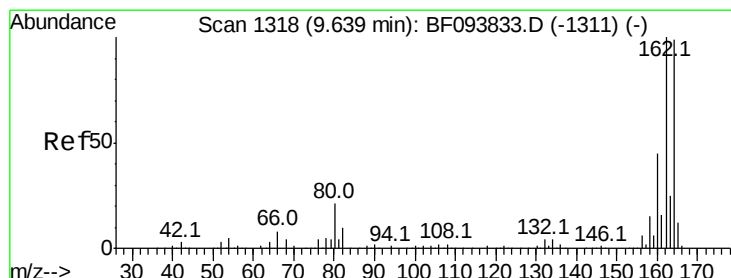
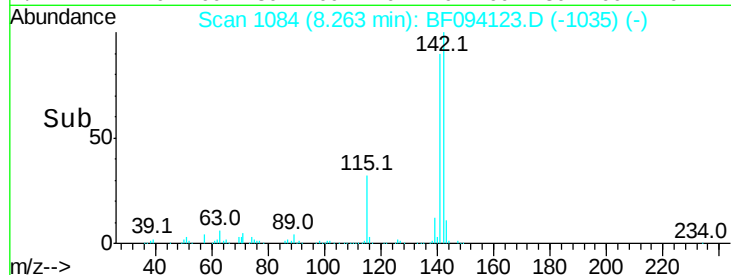
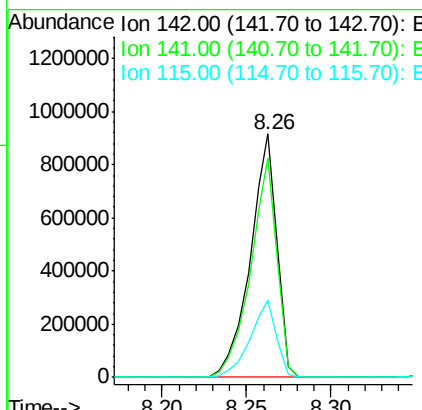
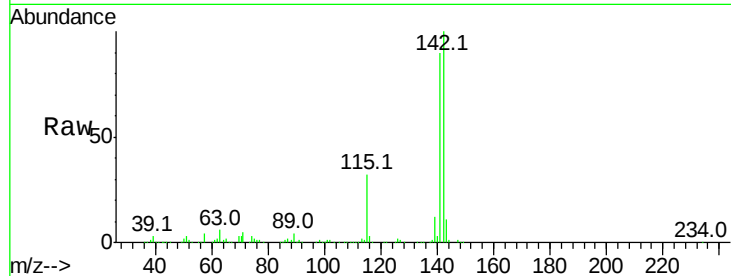
Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

Instrument :
BNA_F
ClientSampleId :
PB97988BS

Tot Ion:142 Resp: 1003695

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	31.6	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.53 min Scan# 1300

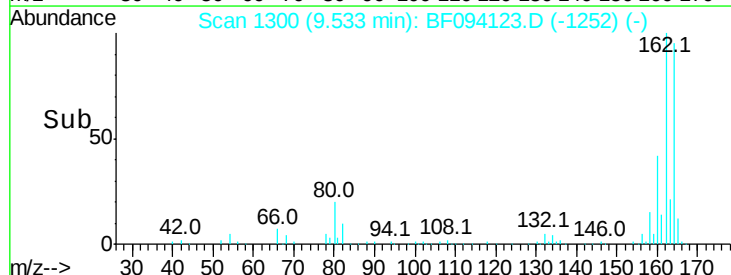
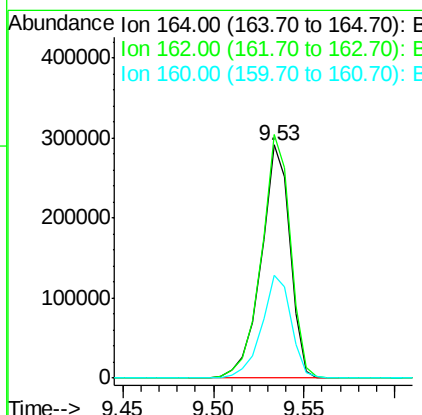
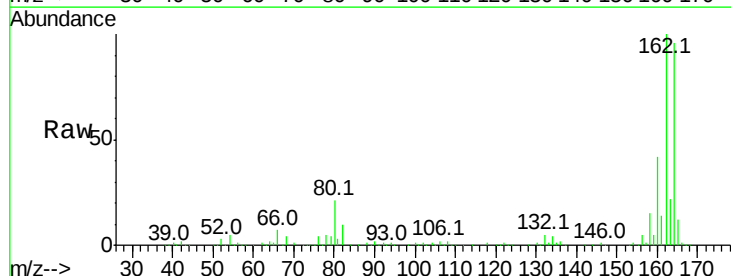
Delta R.T. -0.02 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

Tgt Ion:164 Resp: 321746

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.6	123.8
160	44.1	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.00 ng

RT: 8.47 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

Instrument :

BNA_F

ClientSampleId :

PB97988BS

Tot Ion:216 Resp: 369635

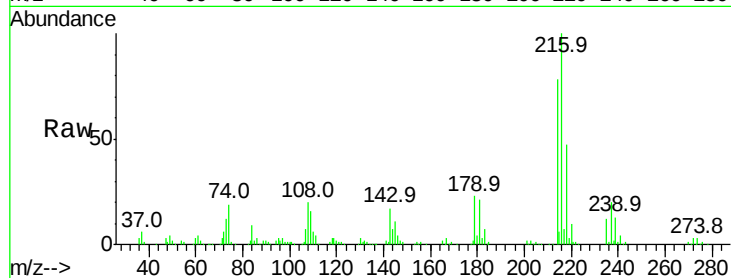
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 22.3 17.9 26.9

108 22.5 16.5 24.7

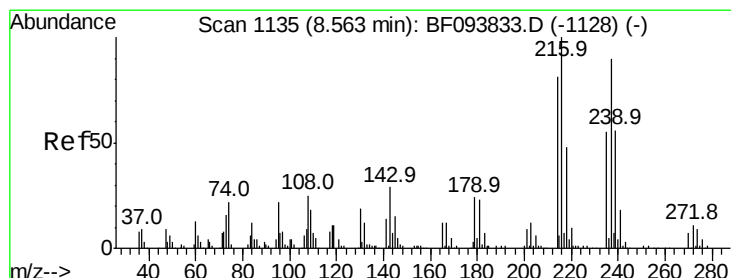
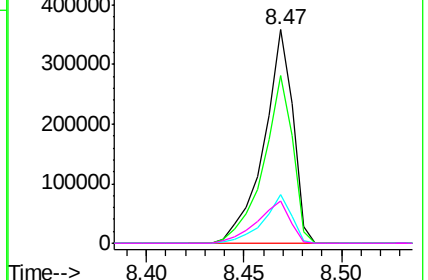
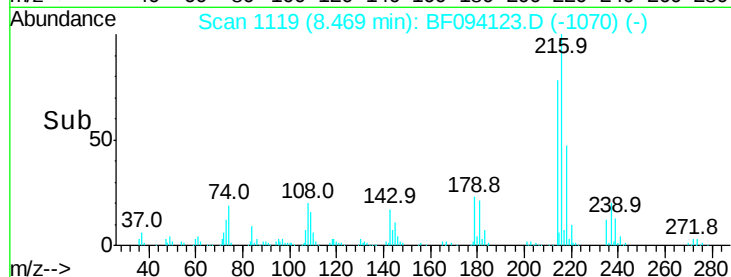


Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.34 ng

RT: 8.46 min Scan# 1117

Delta R.T. -0.02 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

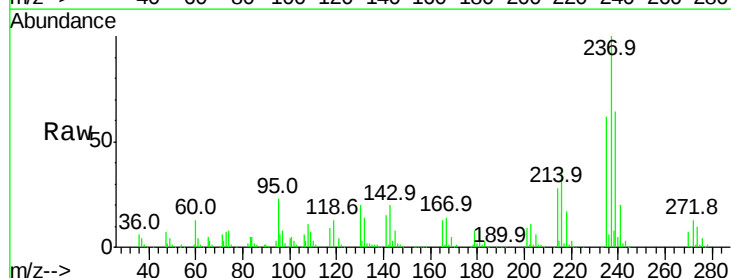
Tgt Ion:237 Resp: 367969

Ion Ratio Lower Upper

237 100

235 61.8 42.6 82.6

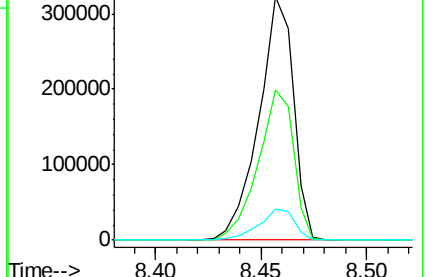
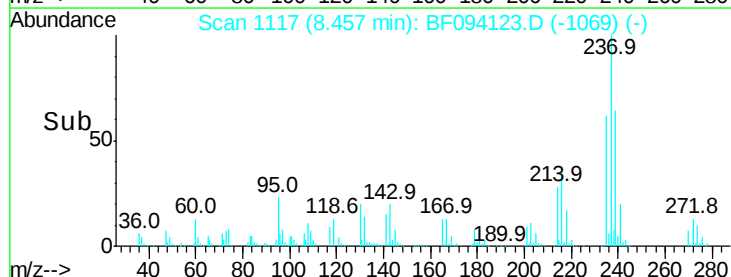
272 12.9 0.0 31.9

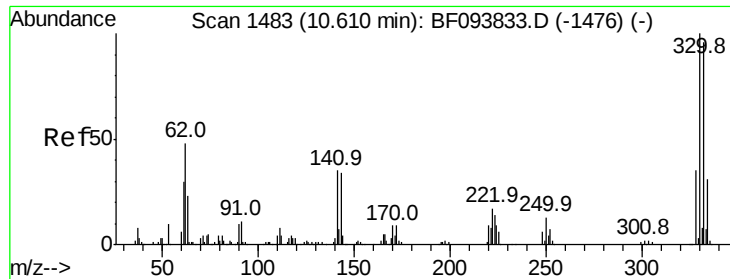


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

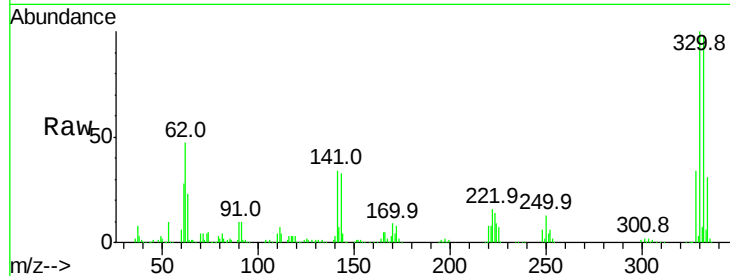




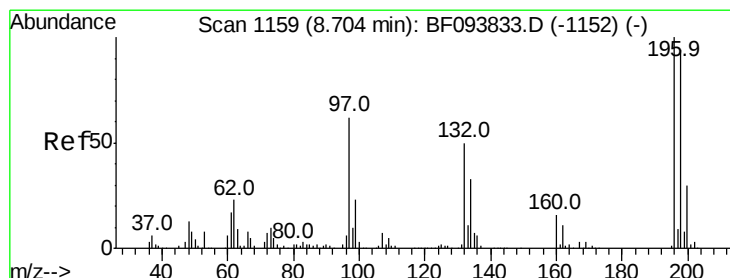
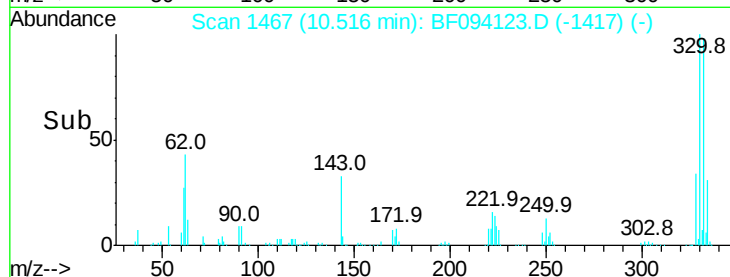
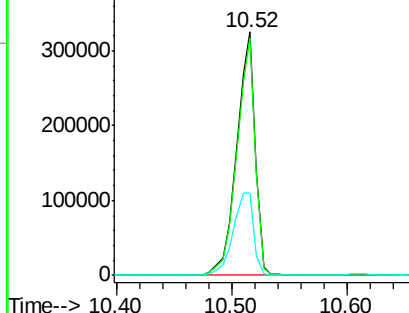
#41
 2,4,6-Tribromophenol
 Concen: 141.94 ng
 RT: 10.52 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB97988BS

Tot Ion:330 Resp: 360872
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 37.9 31.4 47.2

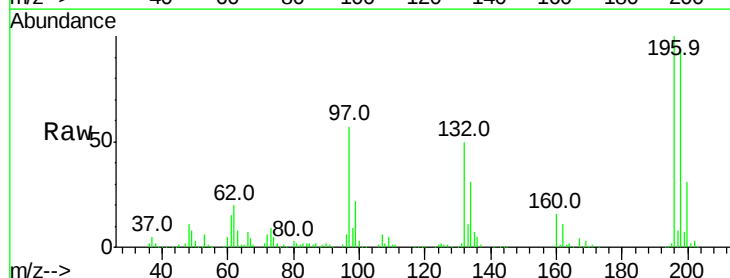


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

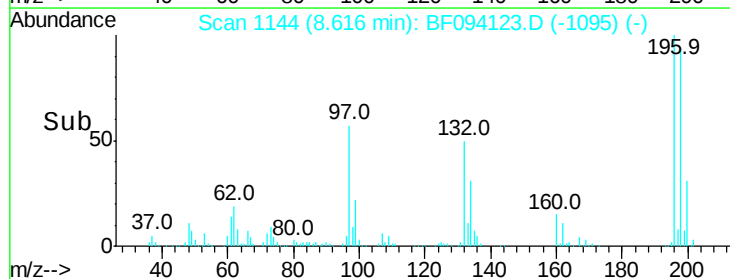
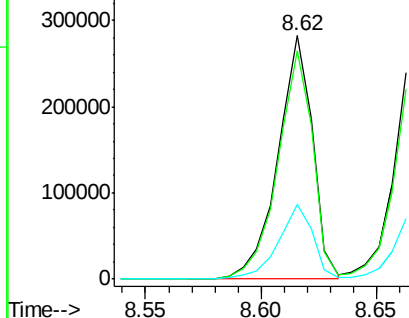


#42
 2,4,6-Trichlorophenol
 Concen: 46.93 ng
 RT: 8.62 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

Tgt Ion:196 Resp: 292220
 Ion Ratio Lower Upper
 196 100
 198 93.7 74.2 111.4
 200 30.5 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

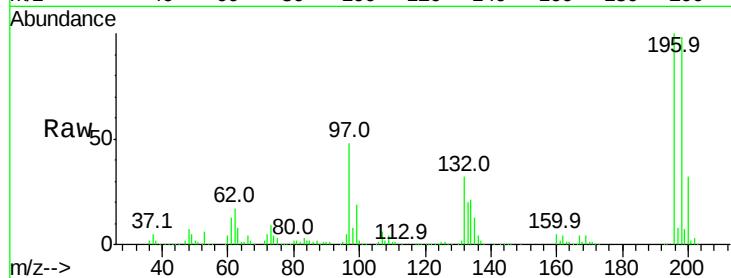




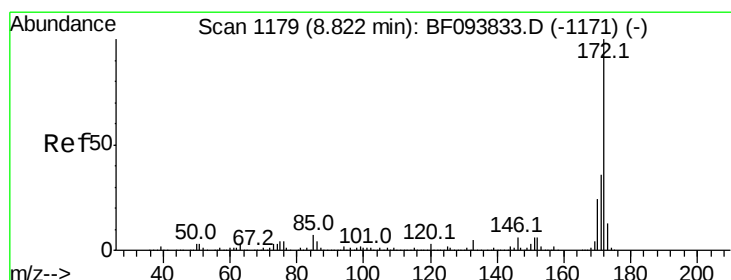
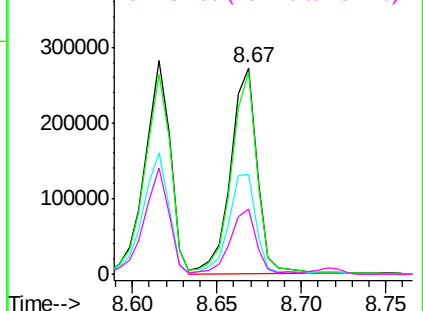
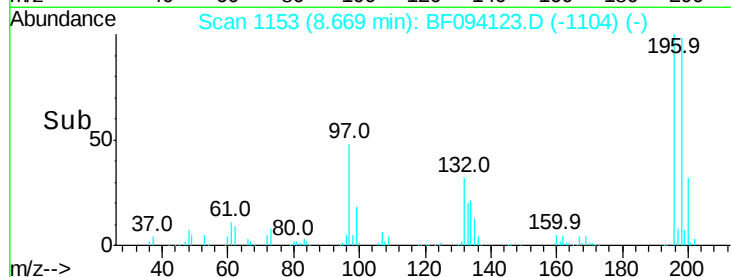
#43
 2,4,5-Trichlorophenol
 Concen: 44.01 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB97988BS

Tot Ion:196 Resp: 296567
 Ion Ratio Lower Upper
 196 100
 198 97.7 75.7 113.5
 97 48.4 47.7 71.5
 132 31.8 28.0 42.0

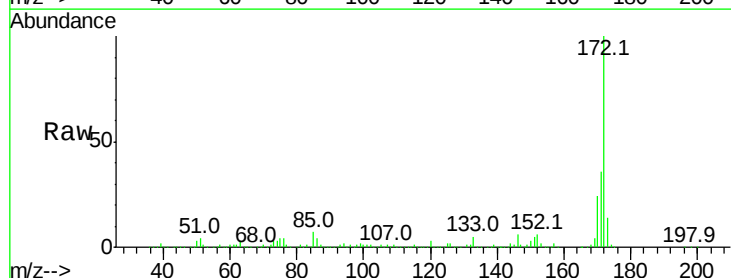


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

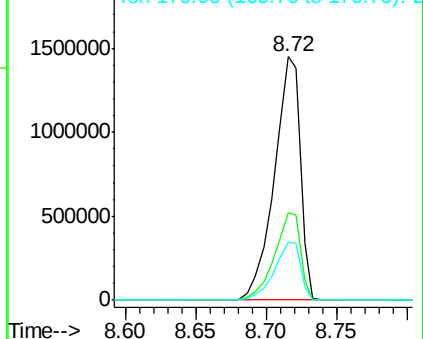
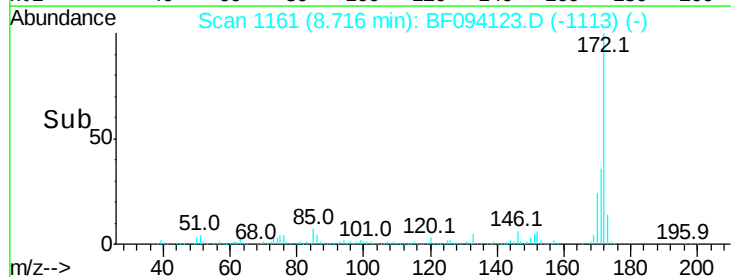


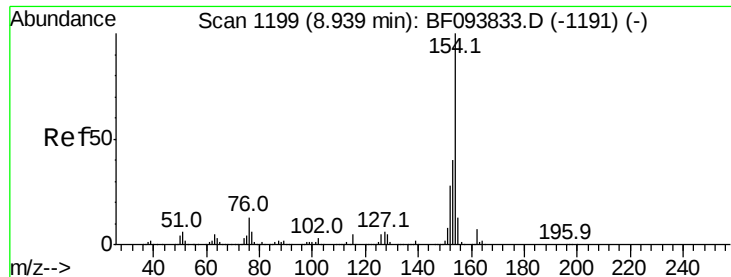
#44
 2-Fluorobiphenyl
 Concen: 88.39 ng
 RT: 8.72 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

Tgt Ion:172 Resp: 1864472
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.7 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: 43.11 ng

RT: 8.84 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

Instrument :

BNA_F

ClientSampleId :

PB97988BS

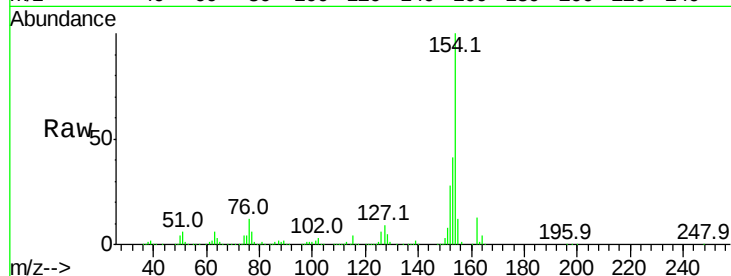
Tot Ion:154 Resp: 1118687

Ion Ratio Lower Upper

154 100

153 40.5 21.2 61.2

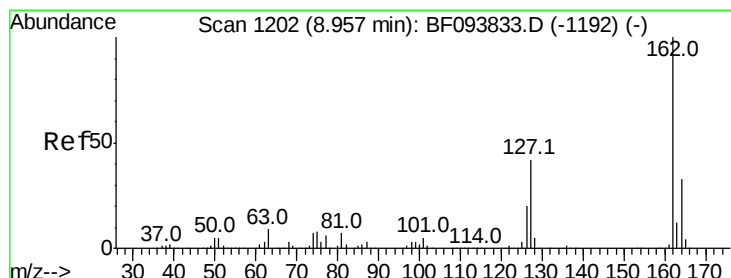
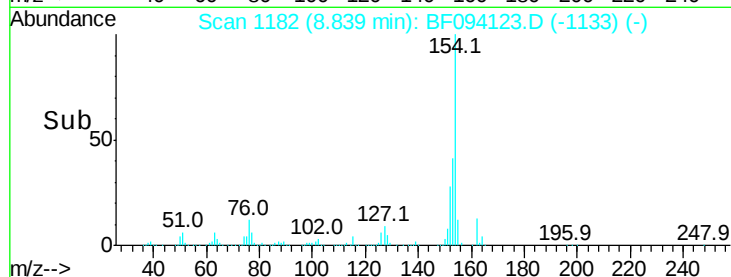
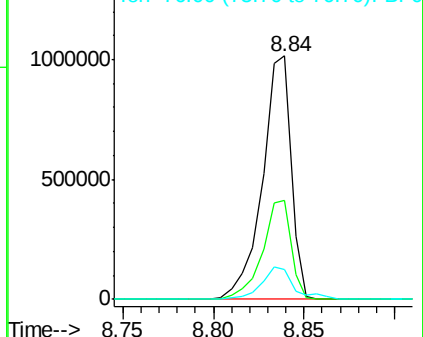
76 12.2 0.0 29.9



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: 43.82 ng

RT: 8.86 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

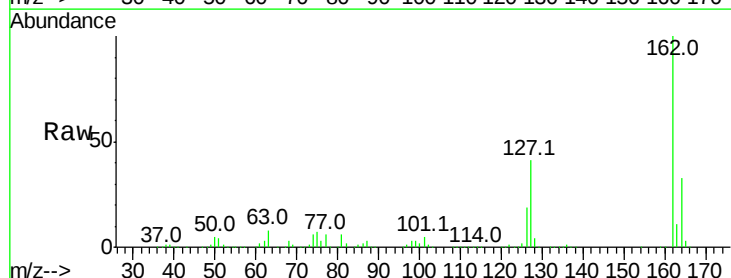
Tgt Ion:162 Resp: 890224

Ion Ratio Lower Upper

162 100

127 40.7 28.3 42.5

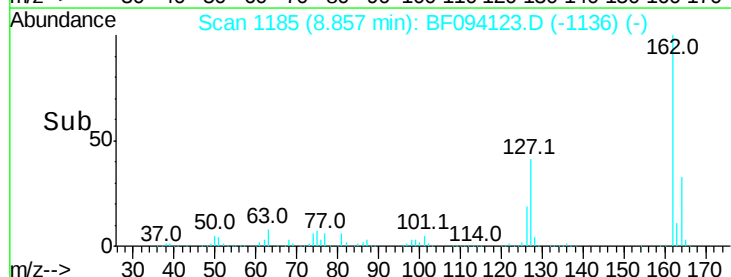
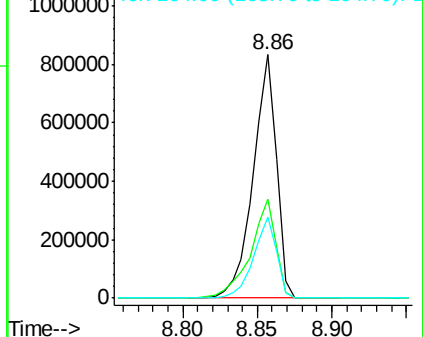
164 33.2 27.0 40.4

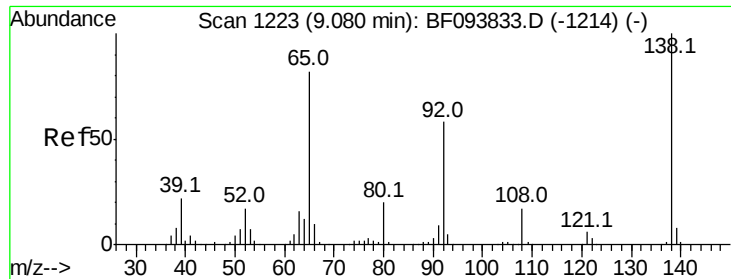


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

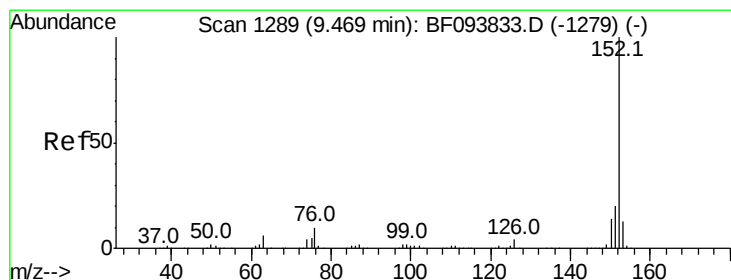
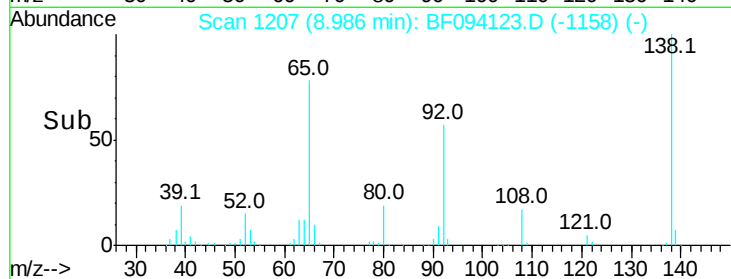
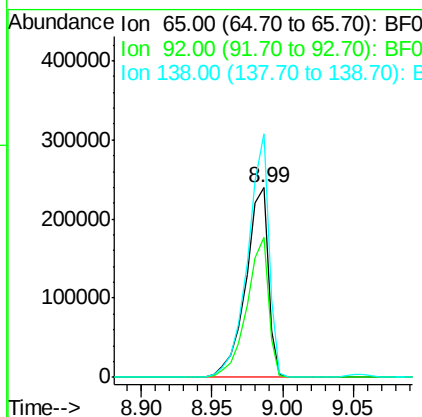
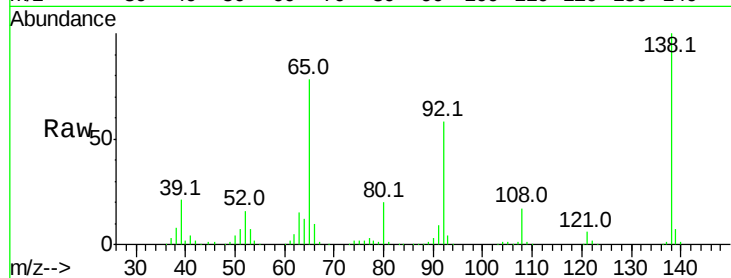




#47
 2-Nitroaniline
 Concen: 44.78 ng
 RT: 8.99 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

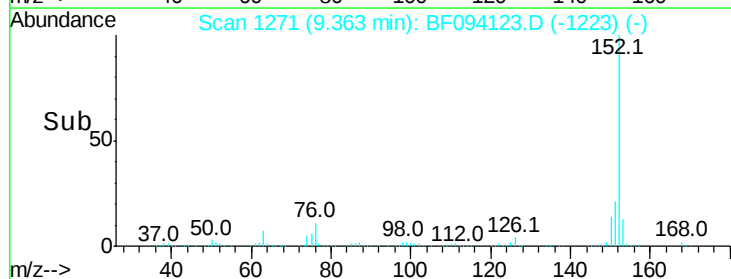
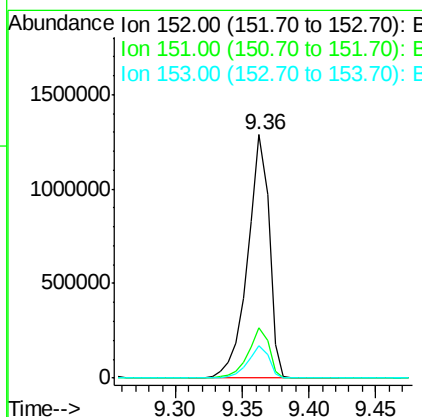
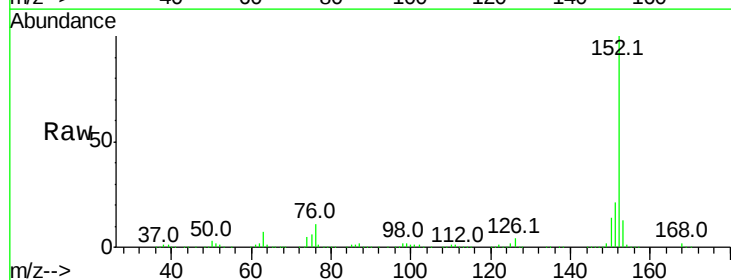
Instrument :
 BNA_F
 ClientSampleId :
 PB97988BS

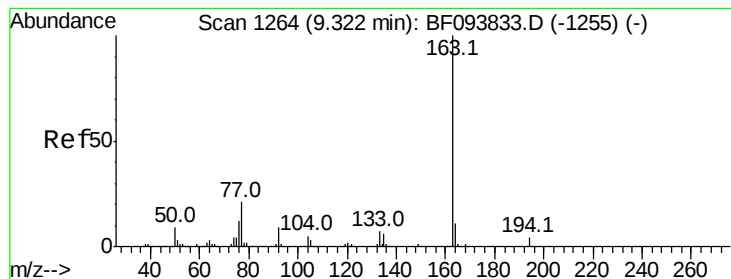
Tot Ion: 65 Resp: 269869
 Ion Ratio Lower Upper
 65 100
 92 73.9 53.9 80.9
 138 128.3 78.8 118.2#



#48
 Acenaphthylene
 Concen: 41.88 ng
 RT: 9.36 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

Tgt Ion:152 Resp: 1414022
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 46.68 ng

RT: 9.23 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

Instrument :

BNA_F

ClientSampleId :

PB97988BS

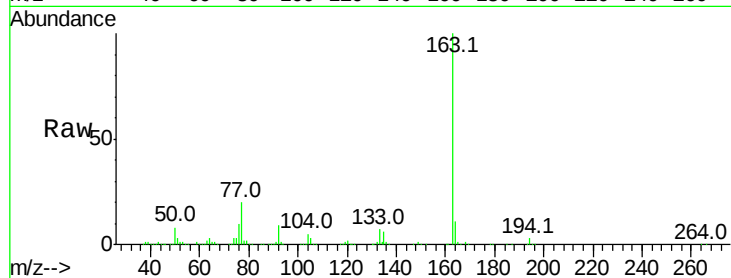
Tot Ion:163 Resp: 1067655

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

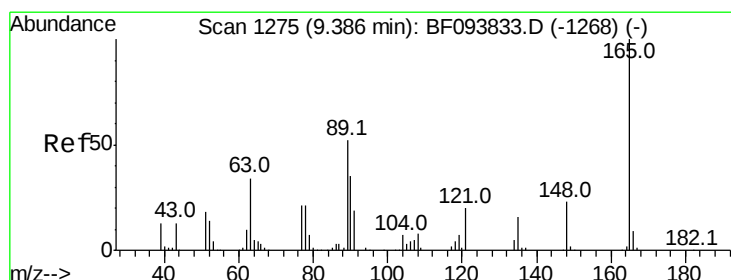
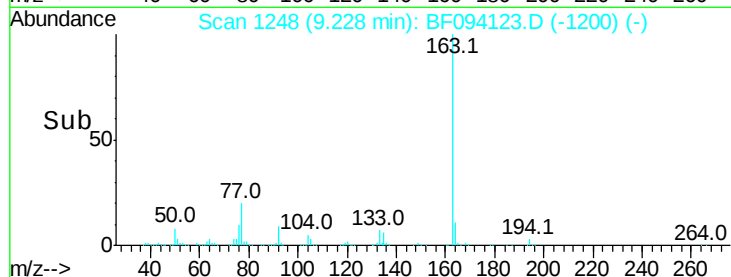
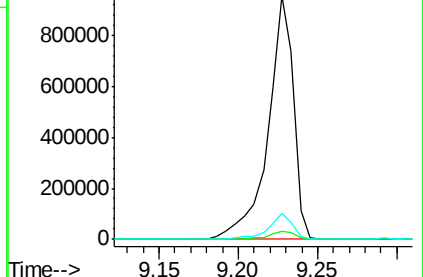
164 10.7 8.4 12.6



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: 45.96 ng

RT: 9.29 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

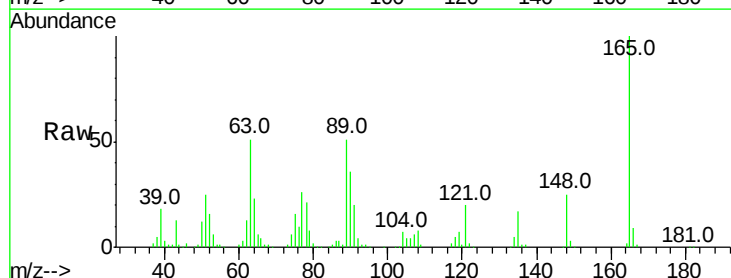
Tgt Ion:165 Resp: 240971

Ion Ratio Lower Upper

165 100

63 51.5 34.3 51.5#

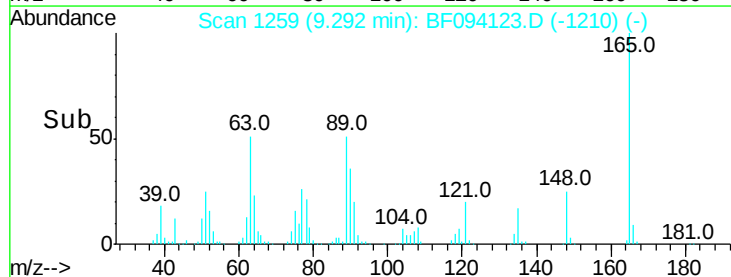
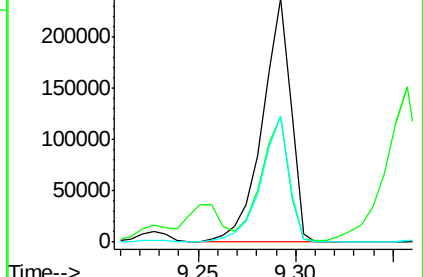
89 51.5 37.1 55.7

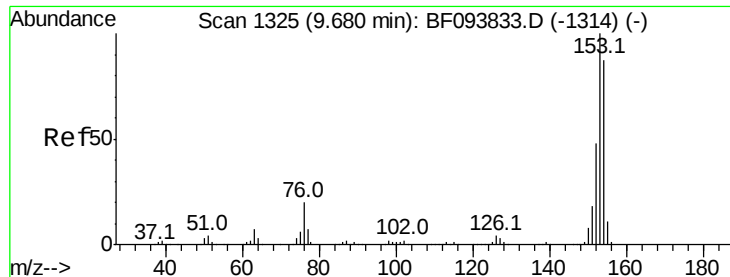


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.83 ng

RT: 9.57 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

Instrument :

BNA_F

ClientSampleId :

PB97988BS

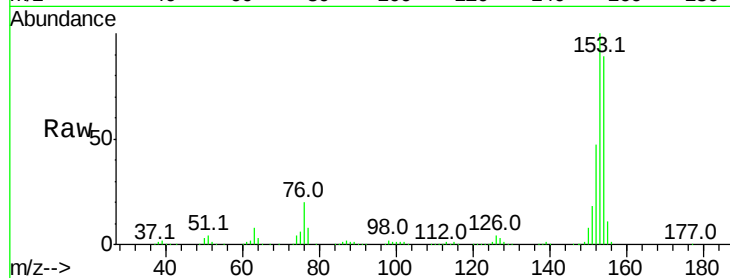
Tot Ion:154 Resp: 843804

Ion Ratio Lower Upper

154 100

153 113.0 90.5 135.7

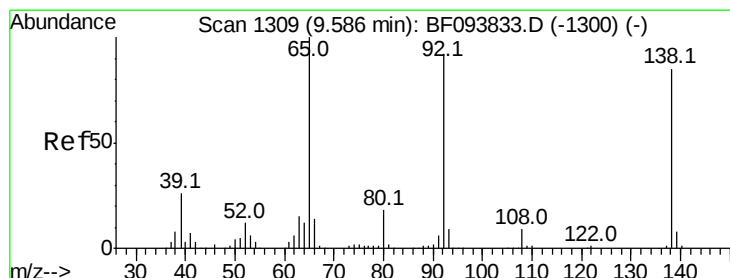
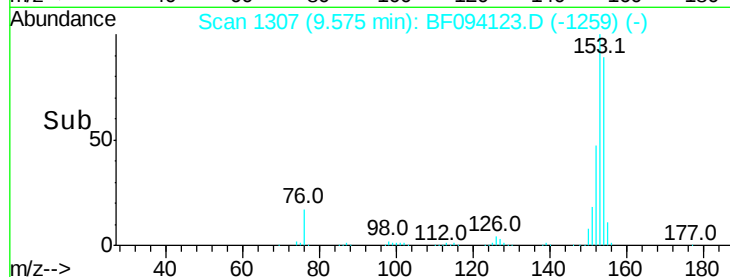
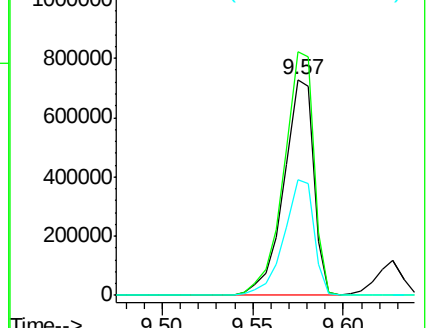
152 53.6 43.6 65.4



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: 23.52 ng

RT: 9.49 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

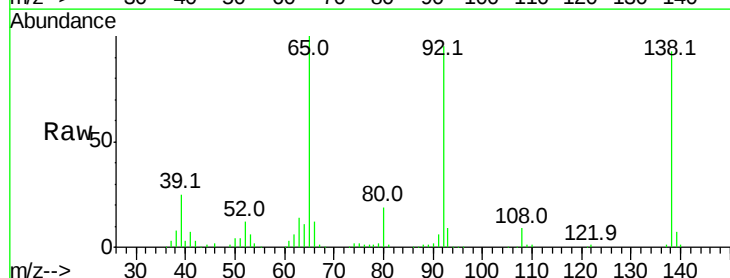
Tgt Ion:138 Resp: 144792

Ion Ratio Lower Upper

138 100

108 9.6 9.1 13.7

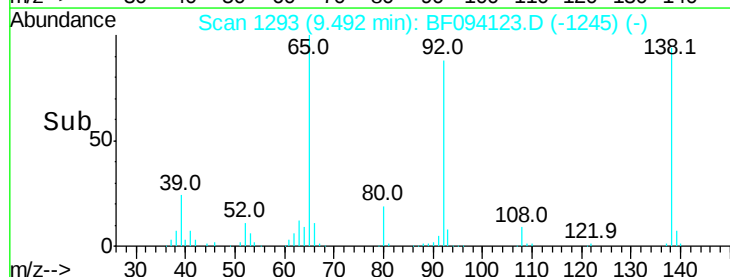
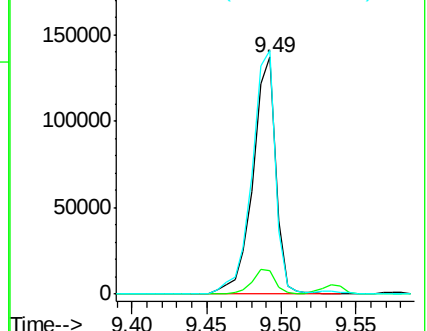
92 102.8 93.8 140.6

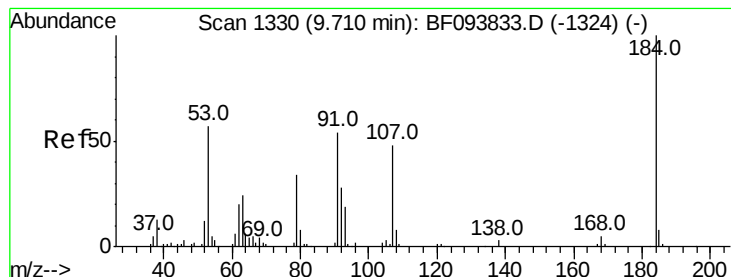


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 70.11 ng

RT: 9.63 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

Instrument :

BNA_F

ClientSampleId :

PB97988BS

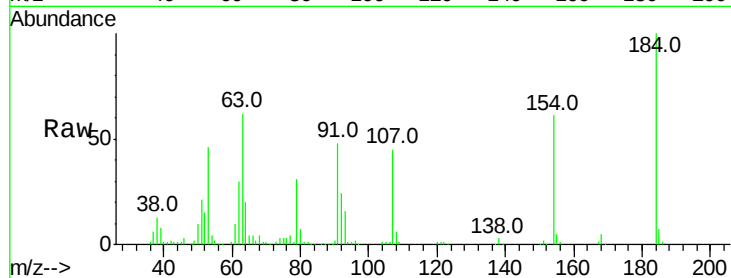
Tot Ion:184 Resp: 194974

Ion Ratio Lower Upper

184 100

63 61.6 62.7 94.1#

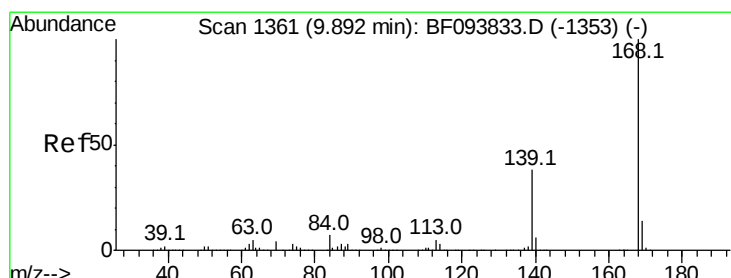
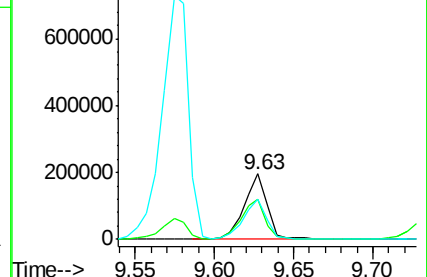
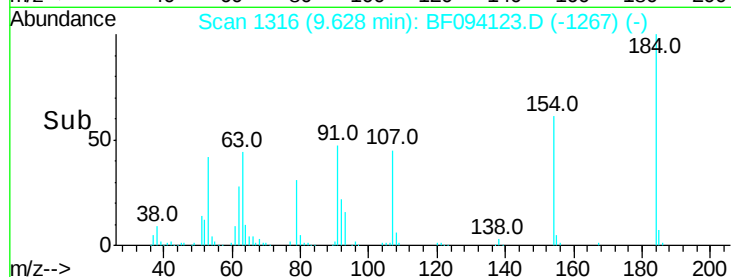
154 61.4 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 45.59 ng

RT: 9.79 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

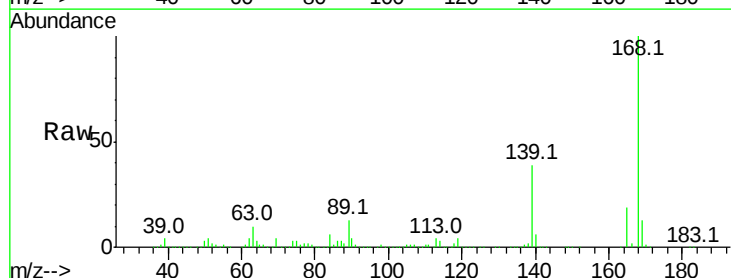
Tgt Ion:168 Resp: 1222670

Ion Ratio Lower Upper

168 100

139 38.5 30.6 45.8

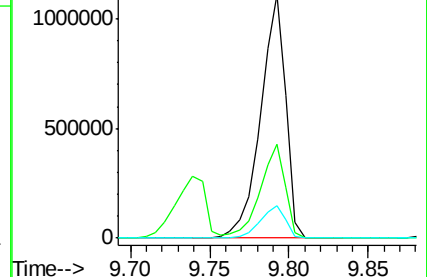
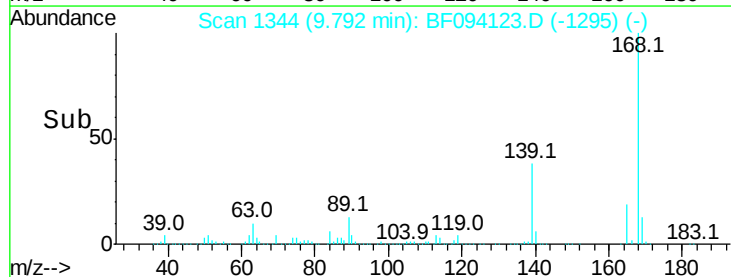
169 13.4 10.8 16.2

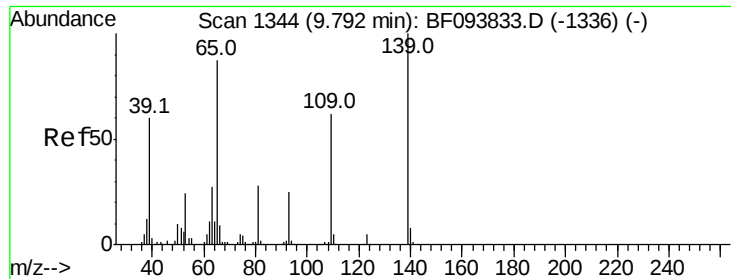


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

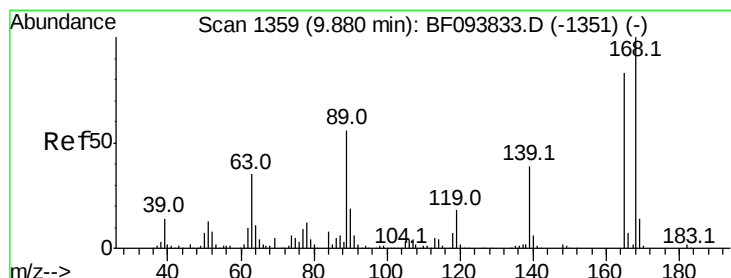
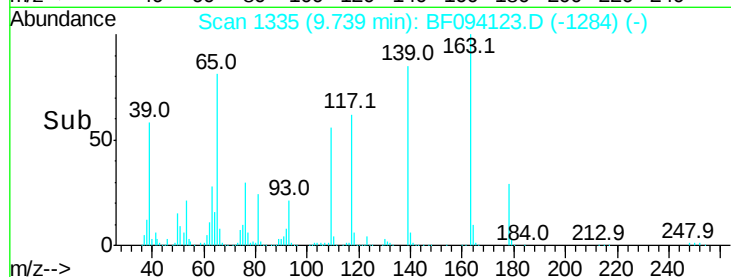
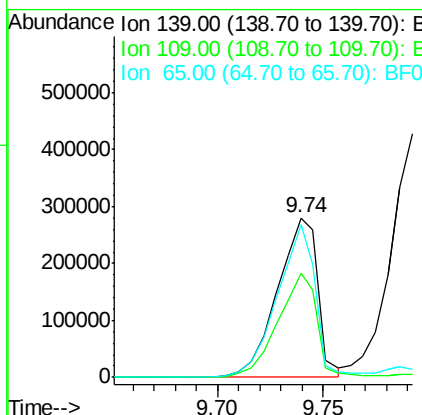
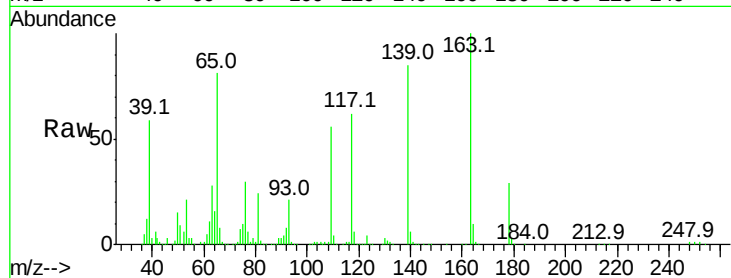




#55
4-Nitrophenol
Concen: 77.60 ng
RT: 9.74 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF094123.D
Acq: 3 Apr 2017 16:21

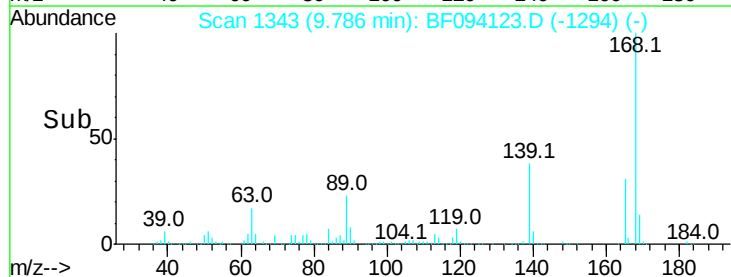
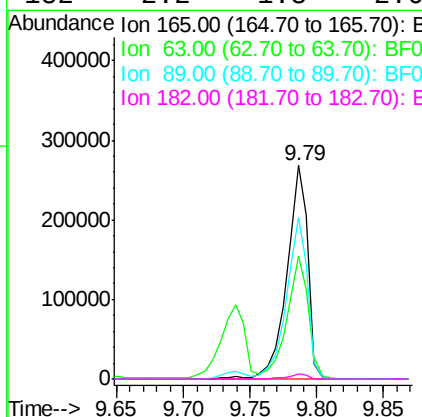
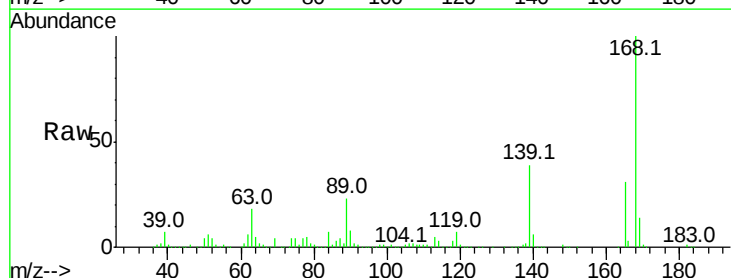
Instrument :
BNA_F
ClientSampleId :
PB97988BS

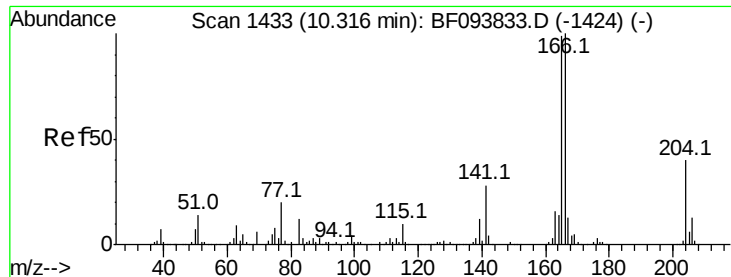
Tot Ion:139 Resp: 374146
Ion Ratio Lower Upper
139 100
109 65.5 34.1 74.1
65 95.6 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 44.72 ng
RT: 9.79 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF094123.D
Acq: 3 Apr 2017 16:21

Tgt Ion:165 Resp: 294494
Ion Ratio Lower Upper
165 100
63 57.7 25.4 38.0#
89 75.4 46.4 69.6#
182 2.2 1.8 2.6

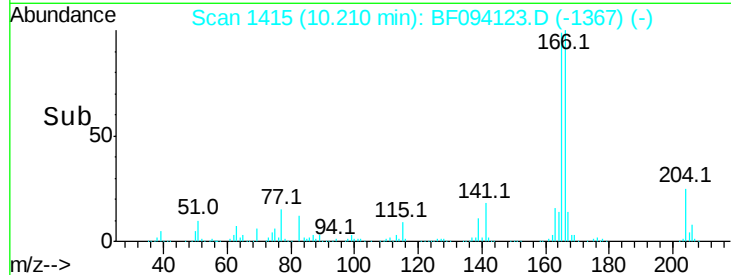
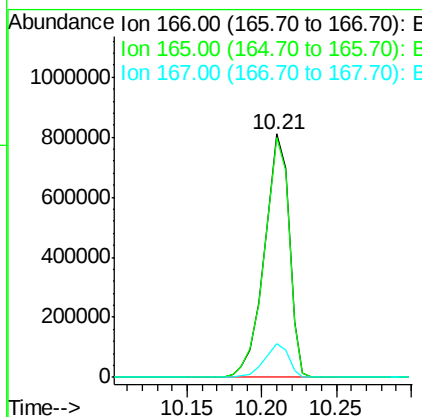
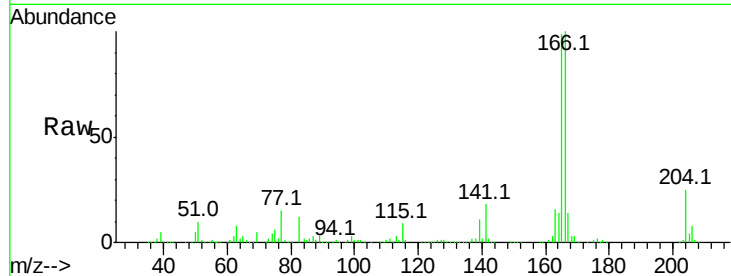




#57
Fluorene
 Concen: 41.58 ng
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.02 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

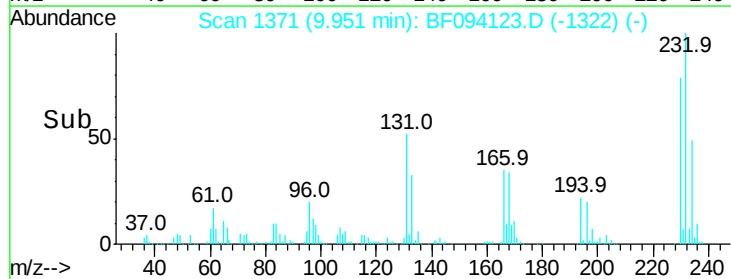
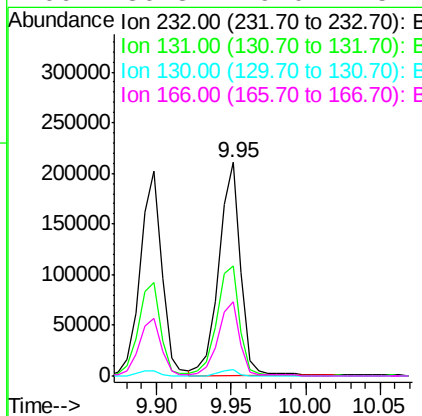
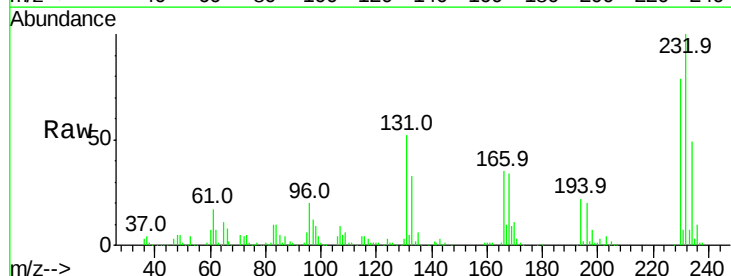
Instrument :
 BNA_F
 ClientSampled :
 PB97988BS

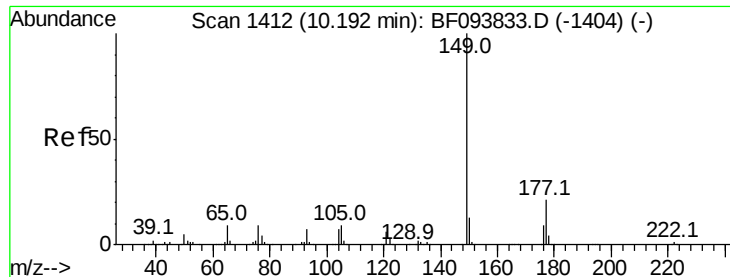
Tot Ion:166 Resp: 924820
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.8 118.2
 167 13.7 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.45 ng
 RT: 9.95 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

Tgt Ion:232 Resp: 214777
 Ion Ratio Lower Upper
 232 100
 131 54.4 44.8 67.2
 130 2.6 2.3 3.5
 166 36.3 29.0 43.4

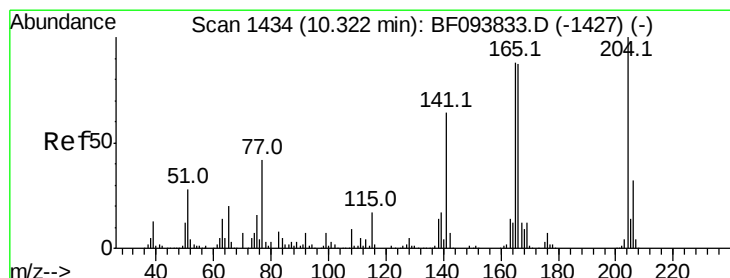
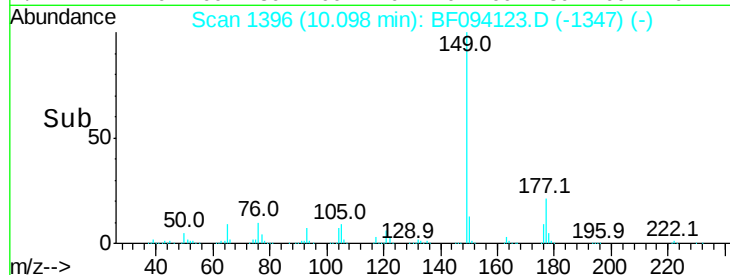
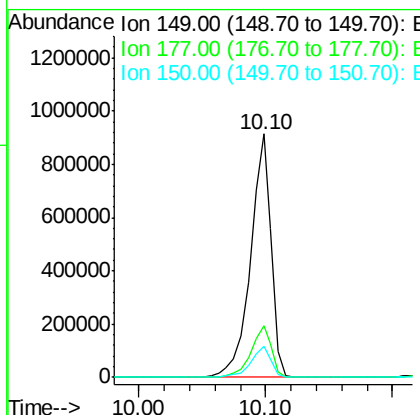
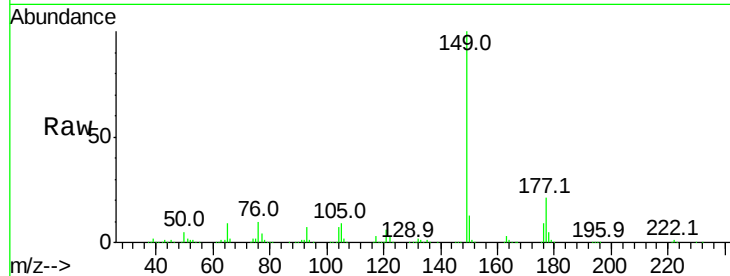




#59
Diethylphthalate
Concen: 45.69 ng
RT: 10.10 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF094123.D
Acq: 3 Apr 2017 16:21

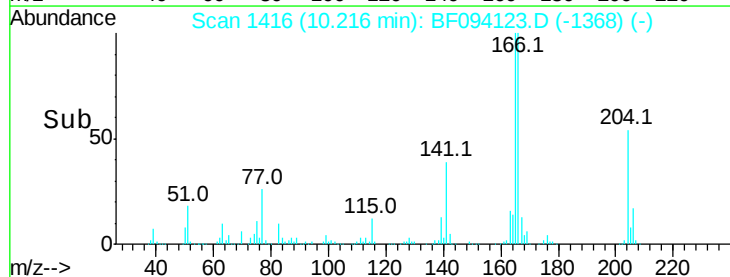
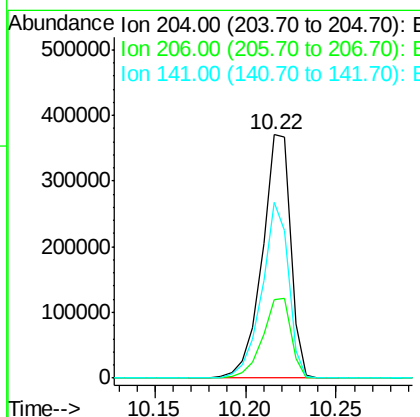
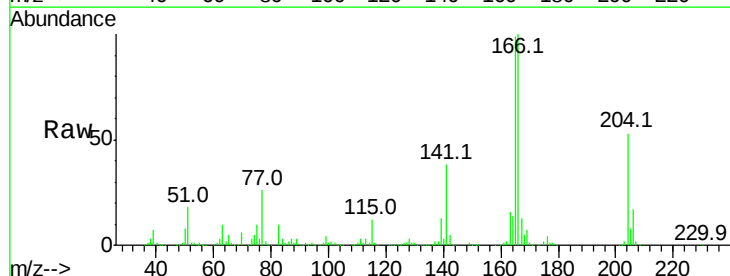
Instrument :
BNA_F
ClientSampleId :
PB97988BS

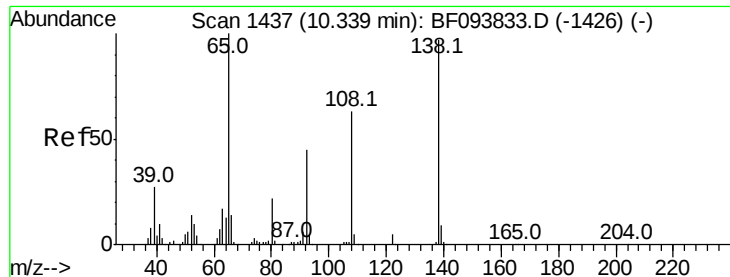
Tot Ion:149 Resp: 1032744
Ion Ratio Lower Upper
149 100
177 21.3 16.7 25.1
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 42.55 ng
RT: 10.22 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF094123.D
Acq: 3 Apr 2017 16:21

Tgt Ion:204 Resp: 403167
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 72.3 60.8 91.2





#61

4-Nitroaniline

Concen: 45.37 ng

RT: 10.25 min Scan# 1422

Delta R.T. -0.02 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

Instrument :

BNA_F

ClientSampleId :

PB97988BS

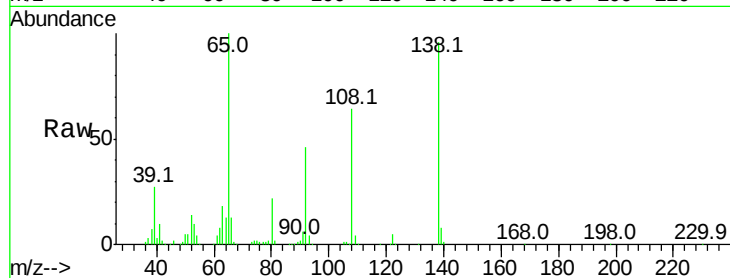
Tot Ion:138 Resp: 268042

Ion Ratio Lower Upper

138 100

92 47.5 21.8 61.8

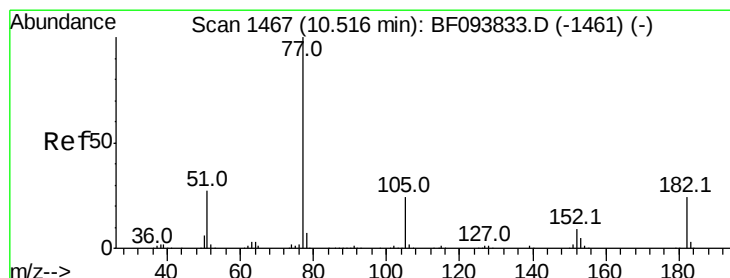
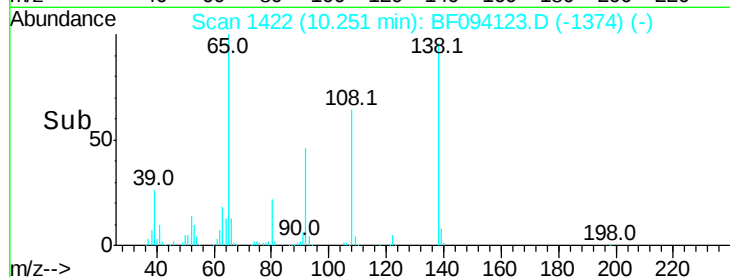
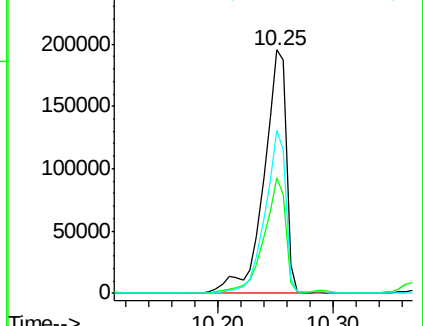
108 66.8 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.74 ng

RT: 10.42 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

Tgt Ion: 77 Resp: 999418

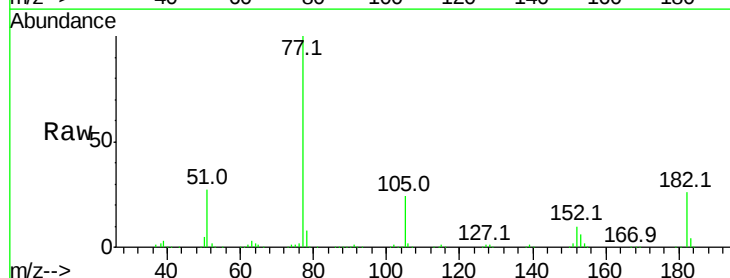
Ion Ratio Lower Upper

77 100

182 25.7 0.1 40.1

105 24.0 3.6 43.6

51 27.1 9.4 49.4

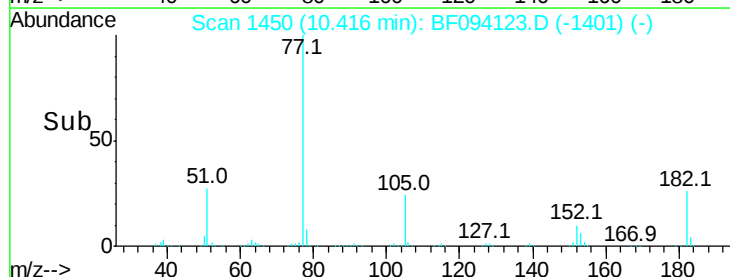
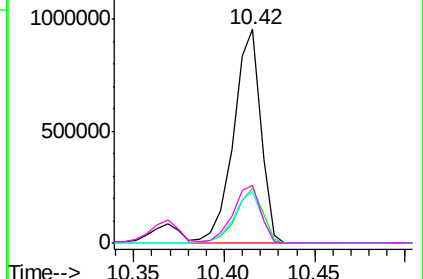


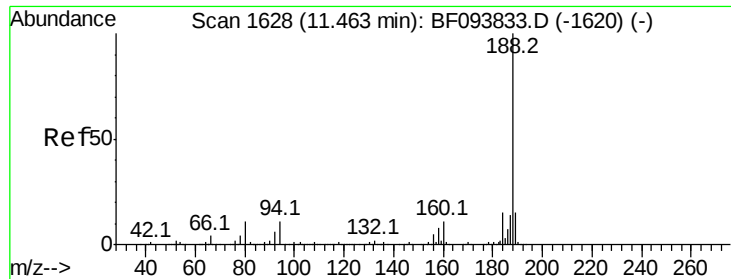
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

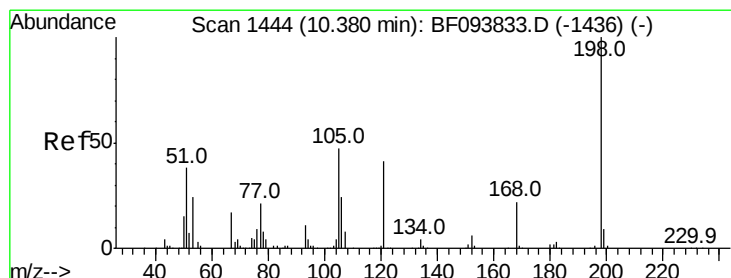
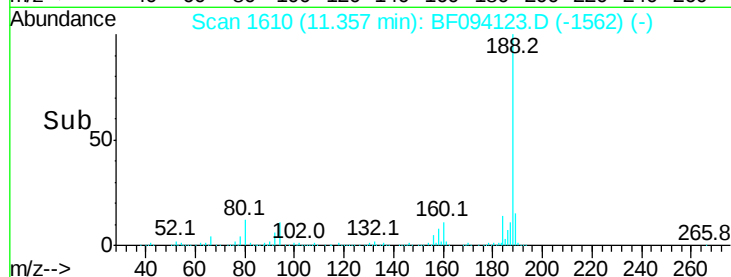
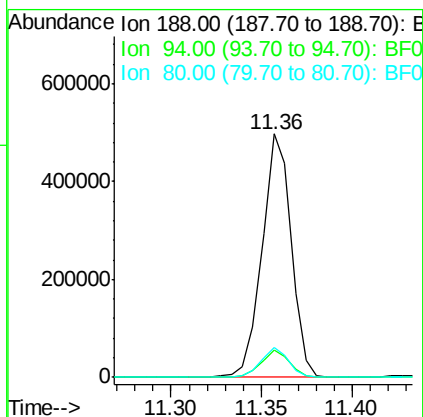
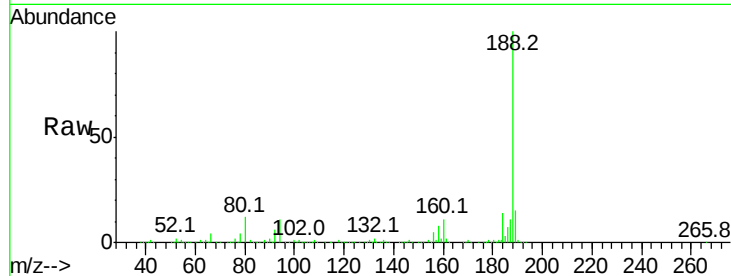




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.02 min
Lab File: BF094123.D
Acq: 3 Apr 2017 16:21

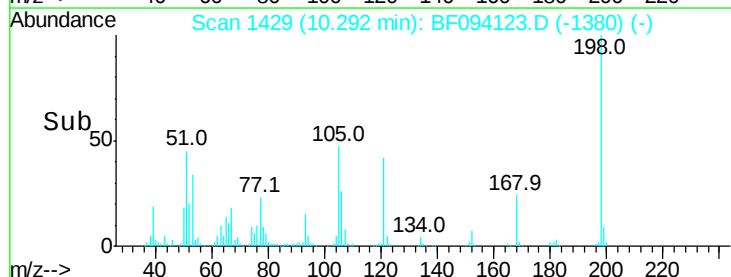
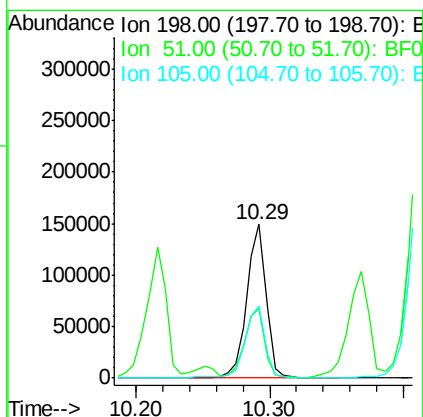
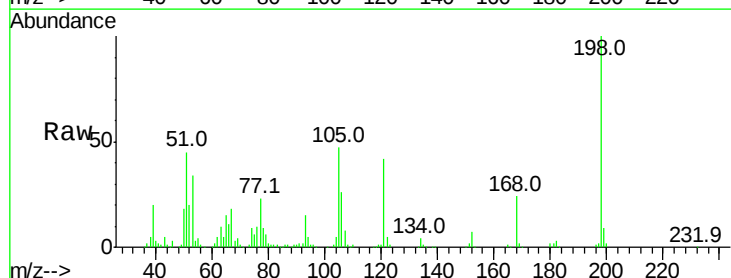
Instrument :
BNA_F
ClientSampleId :
PB97988BS

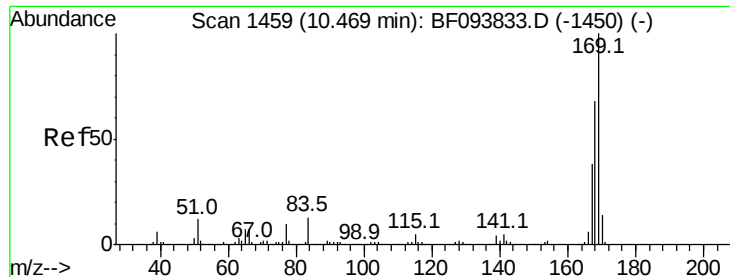
Tot Ion:188 Resp: 556570
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 12.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 43.64 ng
RT: 10.29 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF094123.D
Acq: 3 Apr 2017 16:21

Tgt Ion:198 Resp: 148736
Ion Ratio Lower Upper
198 100
51 45.1 53.2 93.2#
105 46.9 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 45.82 ng

RT: 10.37 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

Instrument :

BNA_F

ClientSampleId :

PB97988BS

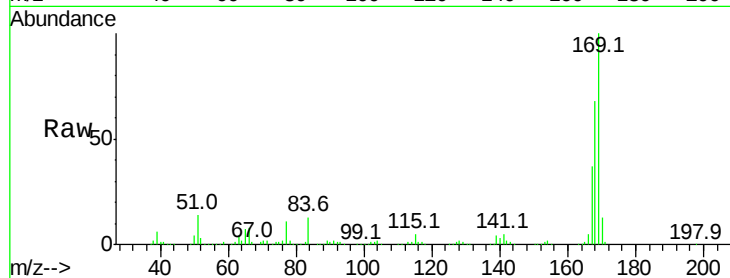
Tot Ion:169 Resp: 881887

Ion Ratio Lower Upper

169 100

168 67.7 53.2 79.8

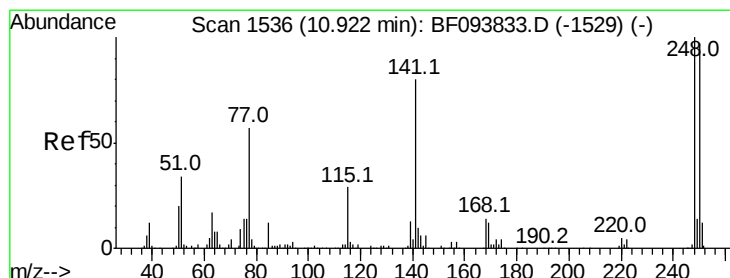
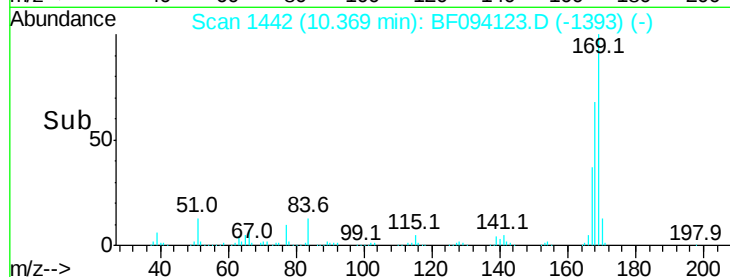
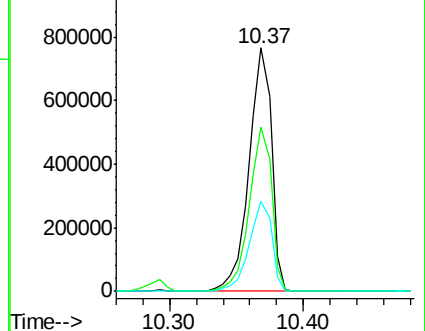
167 37.2 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.49 ng

RT: 10.82 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

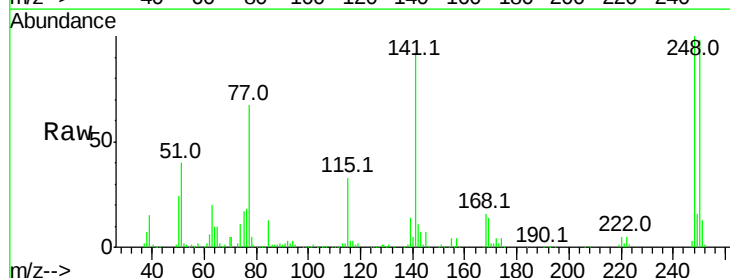
Tgt Ion:248 Resp: 254509

Ion Ratio Lower Upper

248 100

250 98.4 76.8 115.2

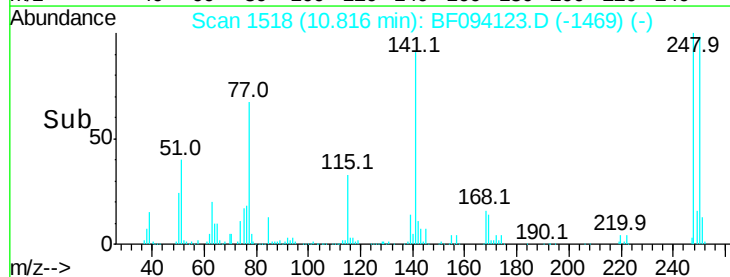
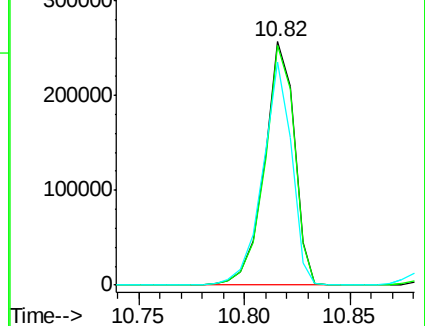
141 91.7 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

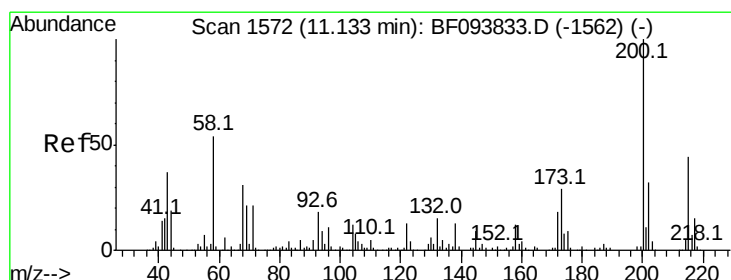
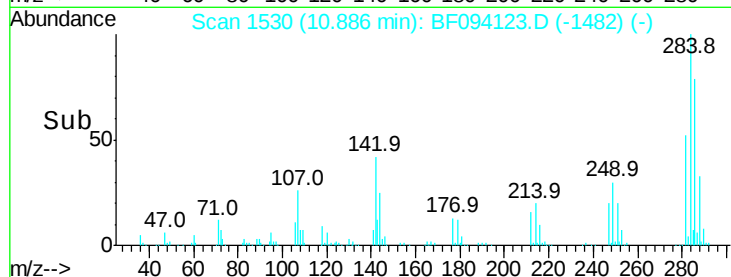
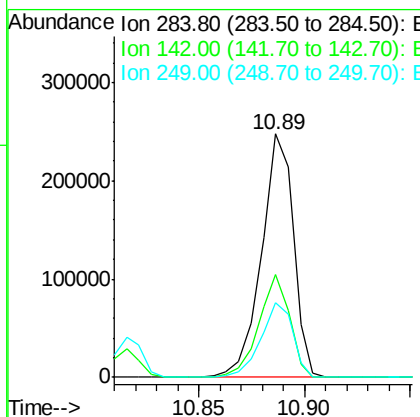
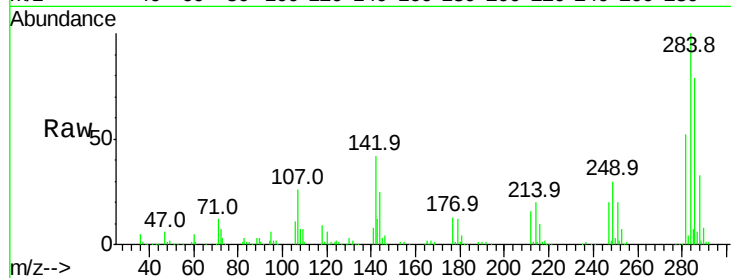




#67
Hexachlorobenzene
Concen: 47.19 ng
RT: 10.89 min Scan# 1530
Delta R.T. -0.02 min
Lab File: BF094123.D
Acq: 3 Apr 2017 16:21

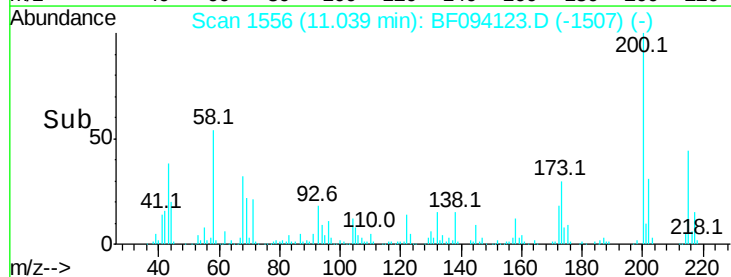
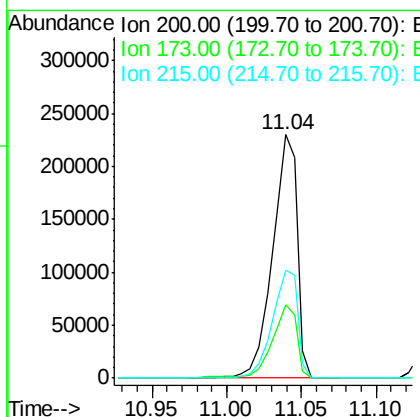
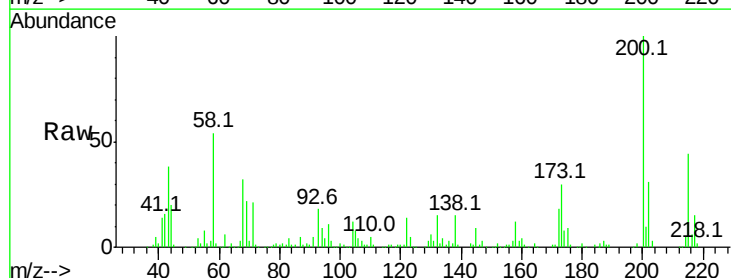
Instrument :
BNA_F
ClientSampleId :
PB97988BS

Tot Ion:284 Resp: 261470
Ion Ratio Lower Upper
284 100
142 42.0 22.8 34.2#
249 30.5 24.0 36.0



#68
Atrazine
Concen: 45.63 ng
RT: 11.04 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF094123.D
Acq: 3 Apr 2017 16:21

Tgt Ion:200 Resp: 263086
Ion Ratio Lower Upper
200 100
173 30.0 6.3 46.3
215 44.1 27.2 67.2

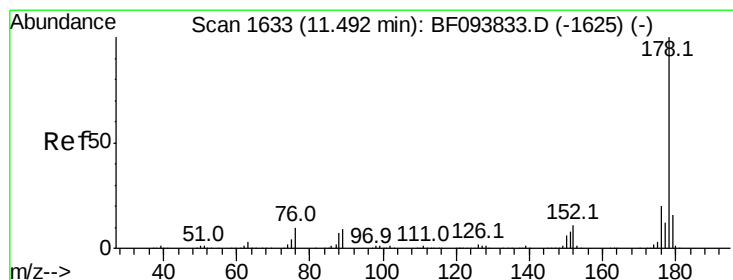
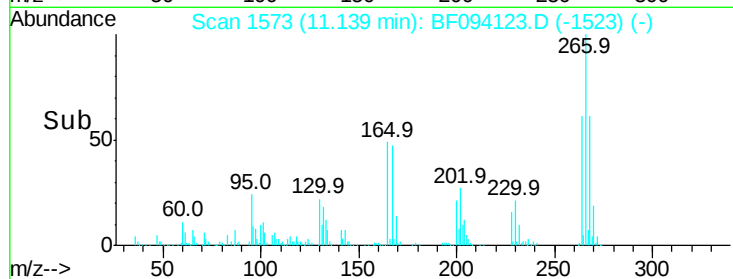
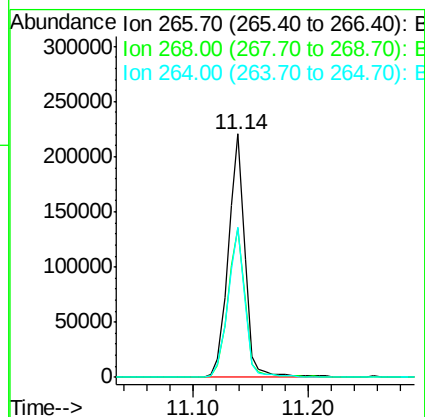
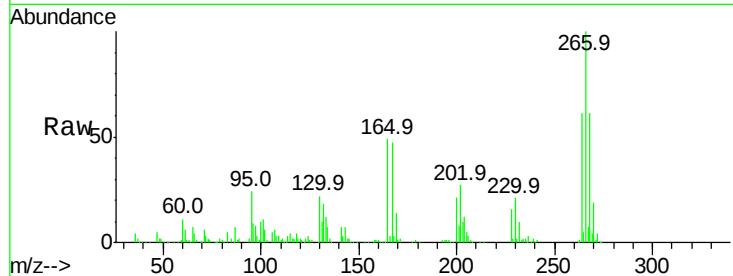




#69
 Pentachlorophenol
 Concen: 63.89 ng
 RT: 11.14 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

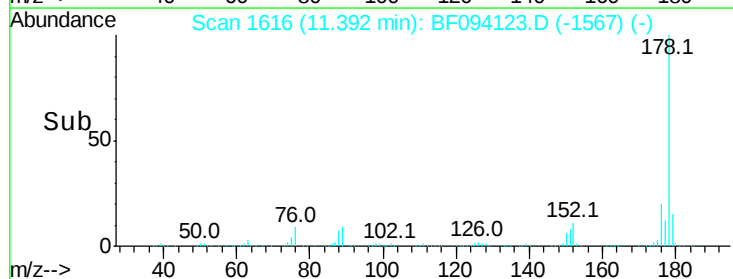
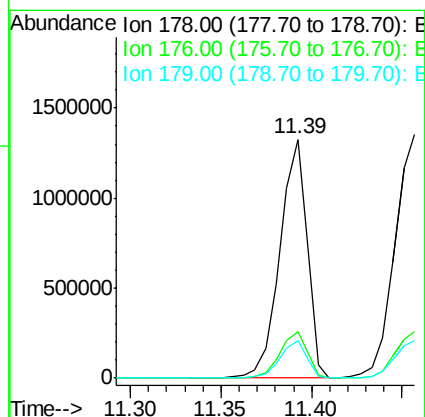
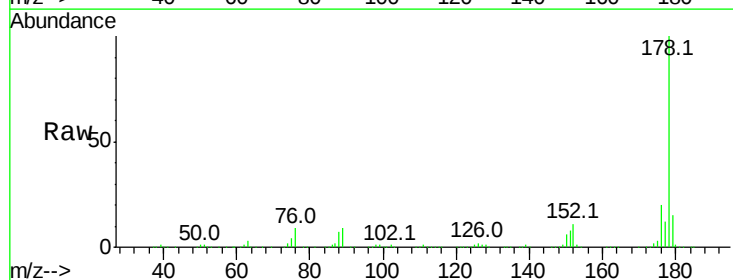
Instrument :
 BNA_F
 ClientSampleId :
 PB97988BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.0	51.1	76.7
264	61.5	51.7	77.5



#70
 Phenanthrene
 Concen: 44.73 ng
 RT: 11.39 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	15.5	12.6	19.0

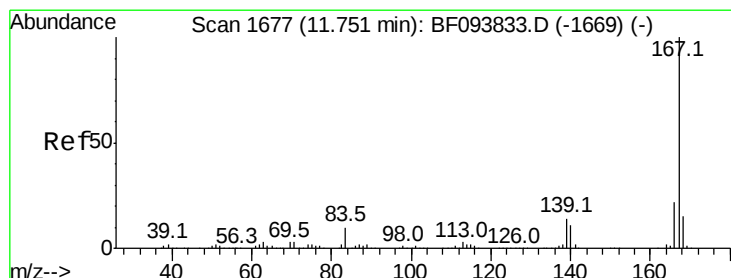
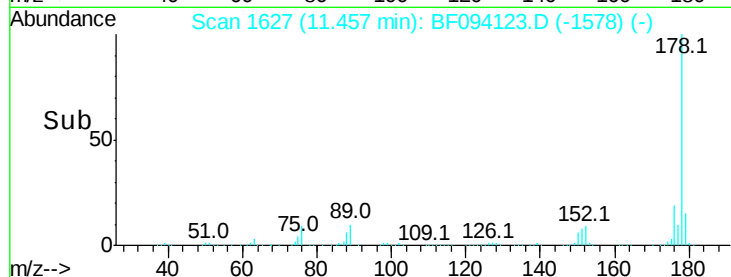
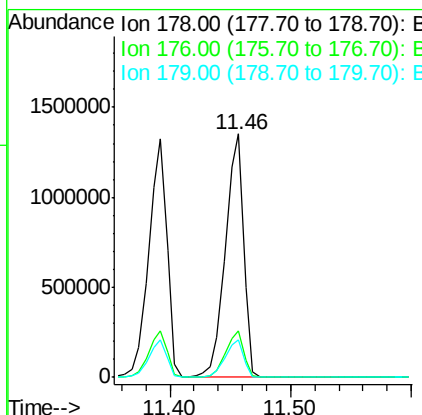
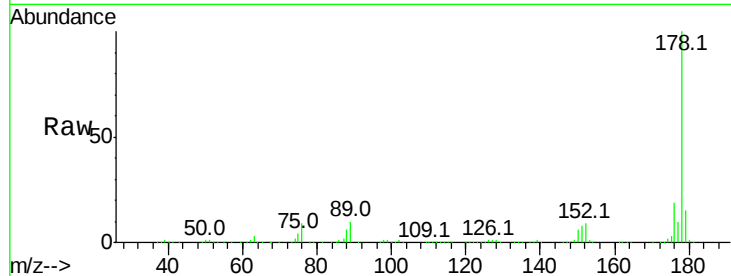




#71
 Anthracene
 Concen: 44.54 ng
 RT: 11.46 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

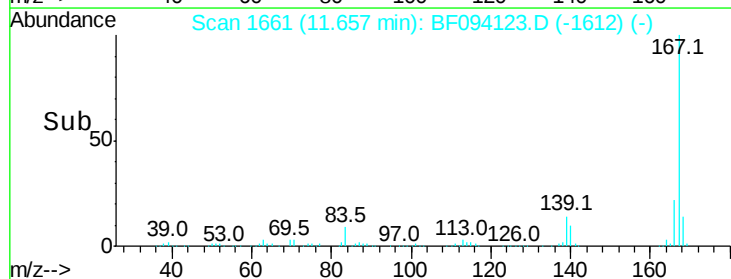
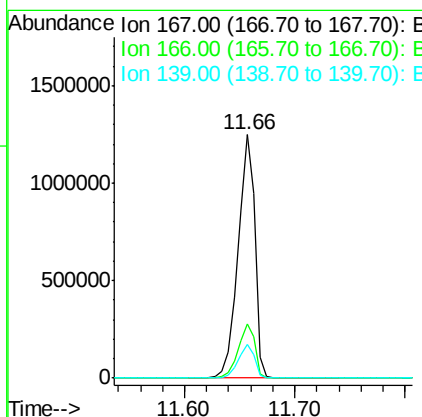
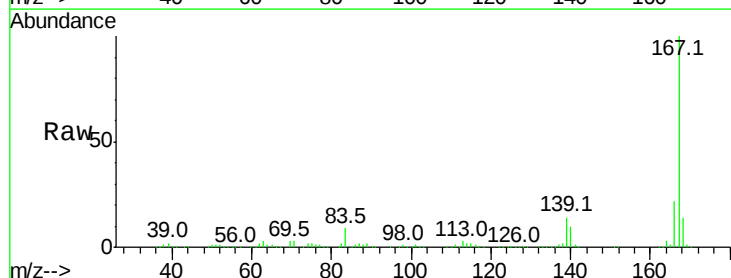
Instrument :
 BNA_F
 ClientSampleId :
 PB97988BS

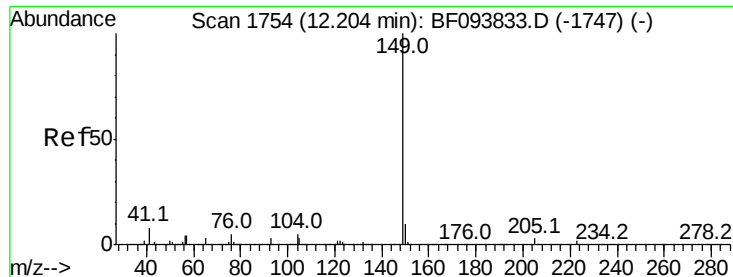
Tot Ion:178 Resp: 1419831
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 40.84 ng
 RT: 11.66 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

Tgt Ion:167 Resp: 1335039
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 47.46 ng

RT: 12.11 min Scan# 1738

Delta R.T. -0.01 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

Instrument :

BNA_F

ClientSampleId :

PB97988BS

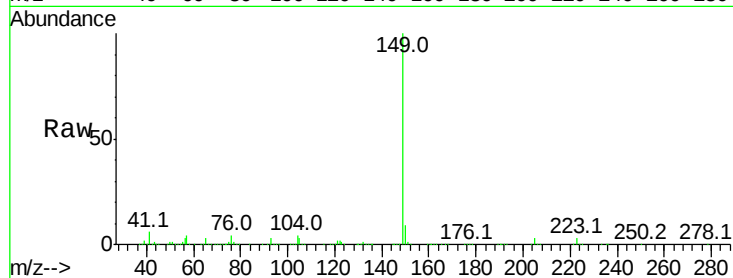
Tot Ion:149 Resp: 1613539

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

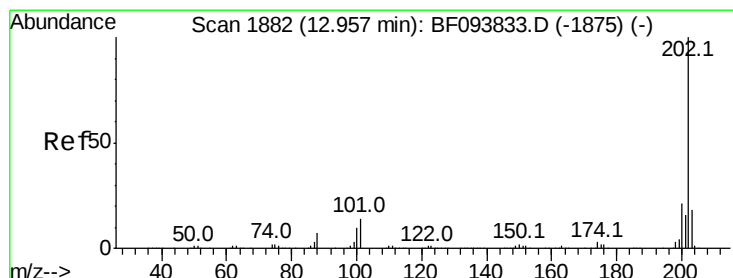
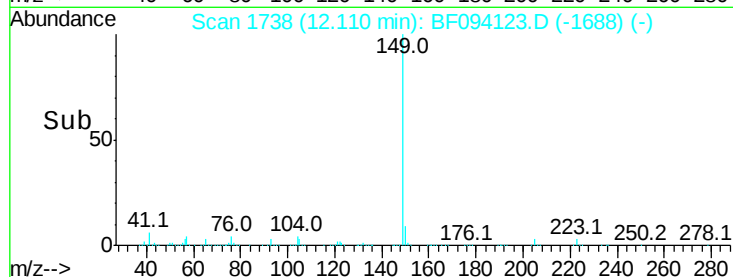
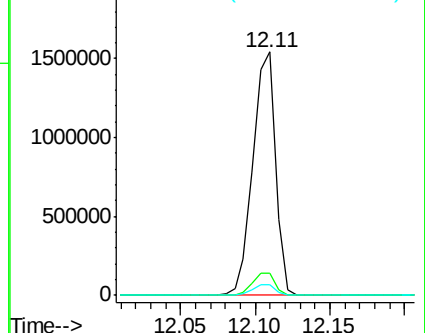
104 4.5 4.0 6.0



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: 44.85 ng

RT: 12.86 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

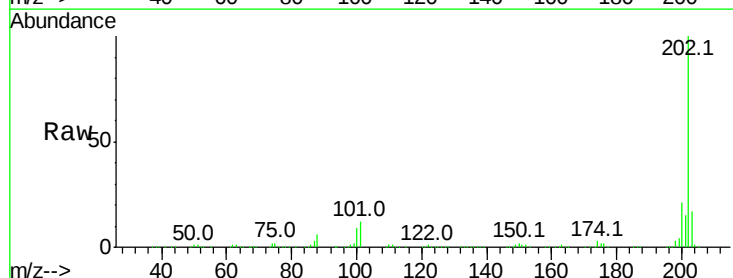
Tgt Ion:202 Resp: 1421989

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.2

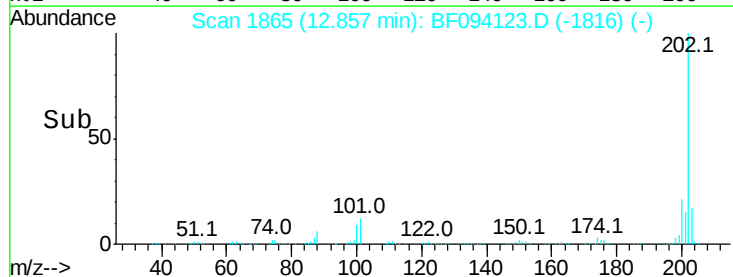
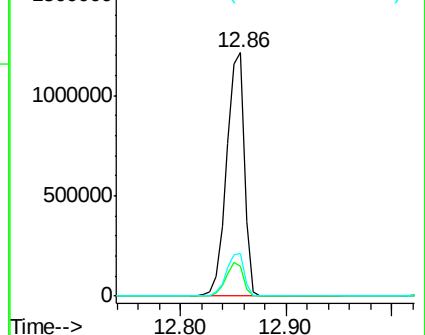
203 17.4 0.0 38.1

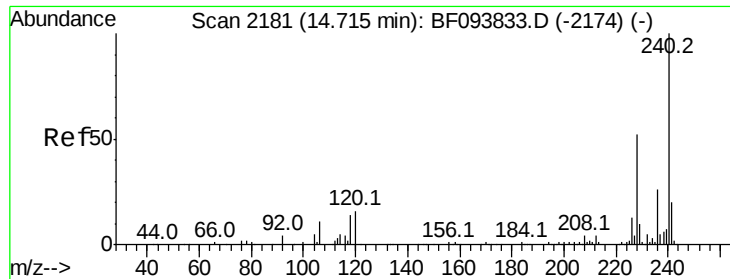


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

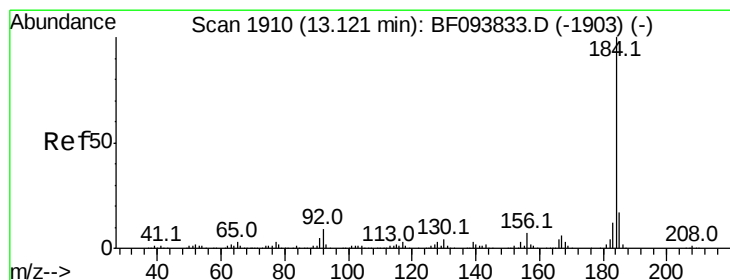
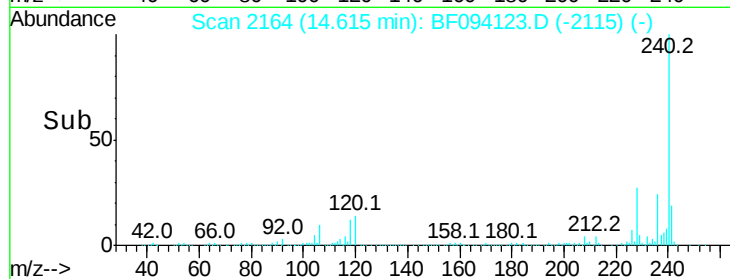
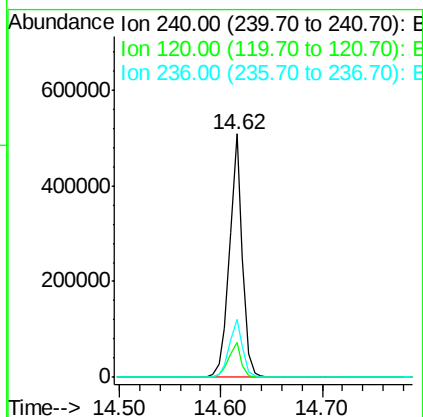
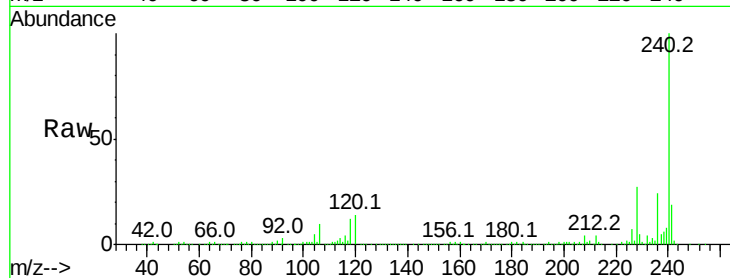




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 14.62 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

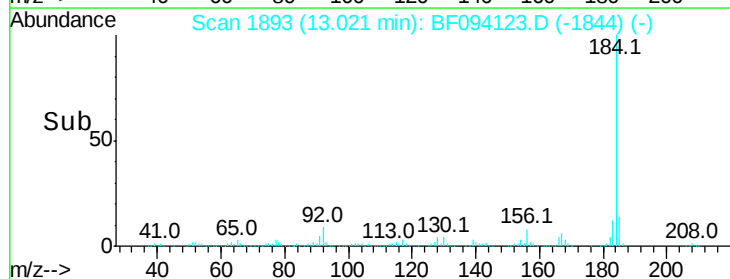
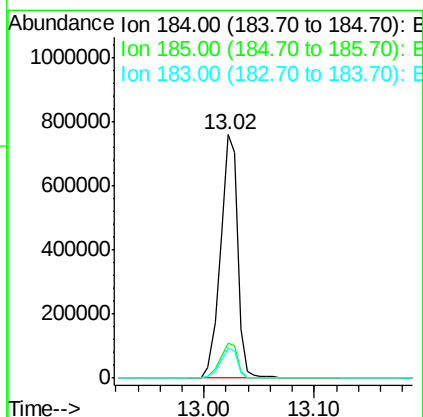
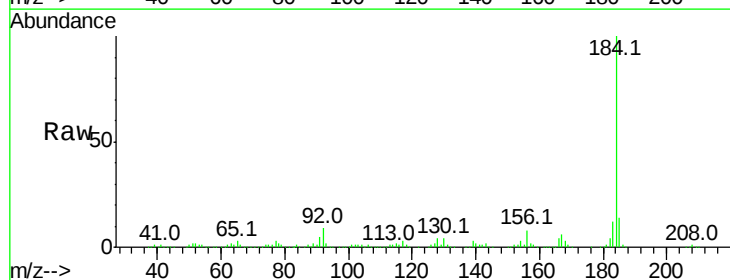
Instrument :
 BNA_F
 ClientSampleId :
 PB97988BS

Tot Ion:240 Resp: 446430
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.8 8.8#
 236 23.9 20.5 30.7



#76
 Benzidine
 Concen: 46.74 ng
 RT: 13.02 min Scan# 1893
 Delta R.T. -0.01 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

Tgt Ion:184 Resp: 825874
 Ion Ratio Lower Upper
 184 100
 185 14.5 15.5 23.3#
 183 12.3 9.8 14.6

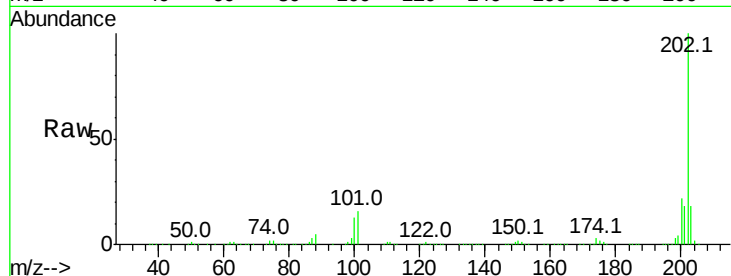




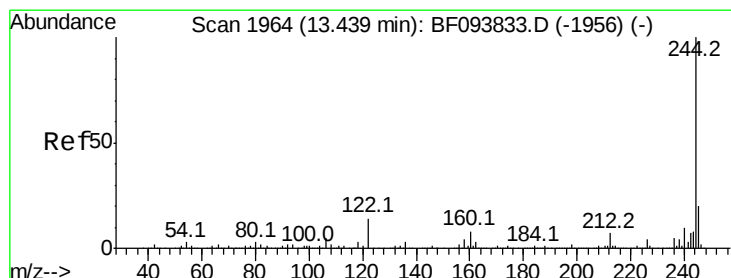
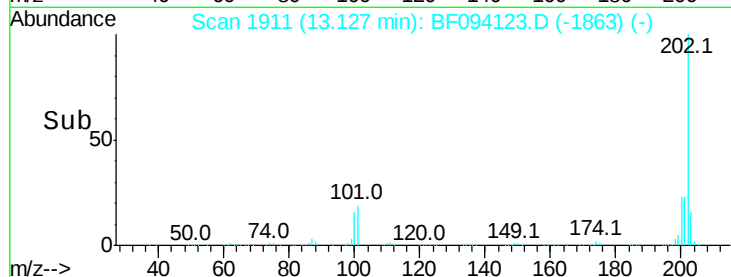
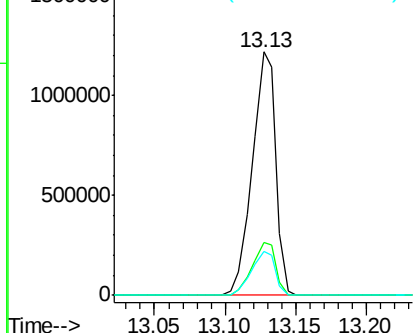
#77
Pvrene
Concen: 44.12 ng
RT: 13.13 min Scan# 1911
Delta R.T. -0.02 min
Lab File: BF094123.D
Acq: 3 Apr 2017 16:21

Instrument :
BNA_F
ClientSampleId :
PB97988BS

Tot Ion:202 Resp: 1429370
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.9 14.4 21.6

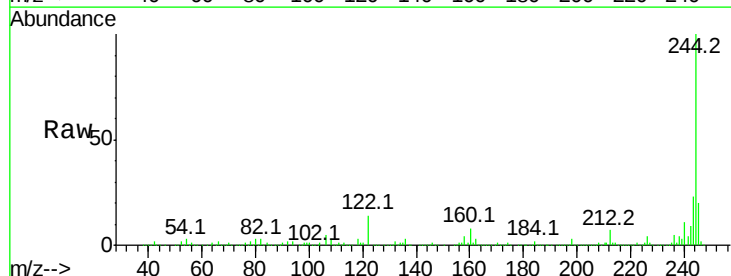


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

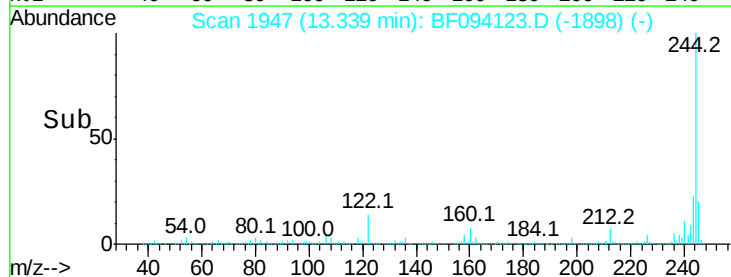
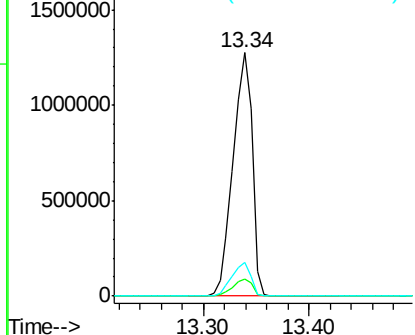


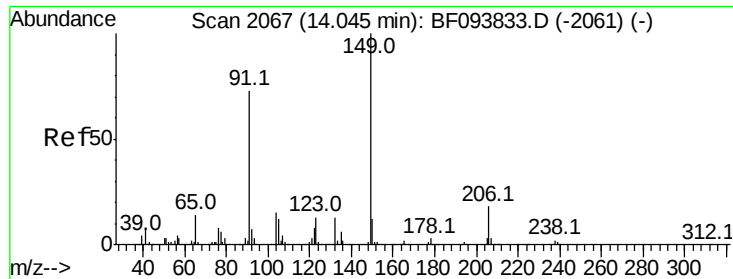
#78
Terphenyl-d14
Concen: 79.63 ng
RT: 13.34 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BF094123.D
Acq: 3 Apr 2017 16:21

Tgt Ion:244 Resp: 1586041
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 13.7 10.3 15.5



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





#79

Butylbenzylphthalate

Concen: 49.91 ng

RT: 13.94 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

Instrument :

BNA_F

ClientSampleId :

PB97988BS

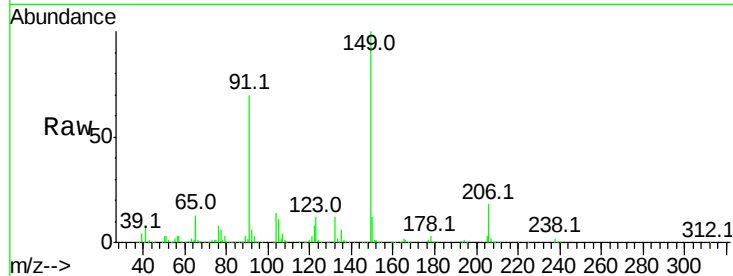
Tot Ion:149 Resp: 689047

Ion Ratio Lower Upper

149 100

91 69.6 45.0 67.4#

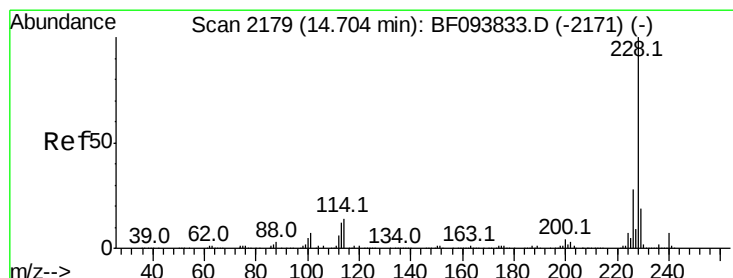
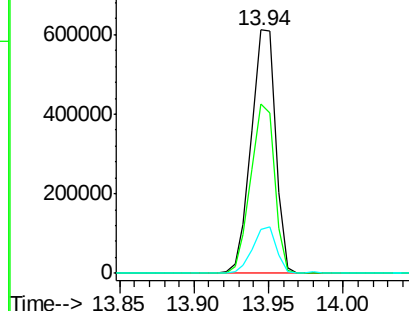
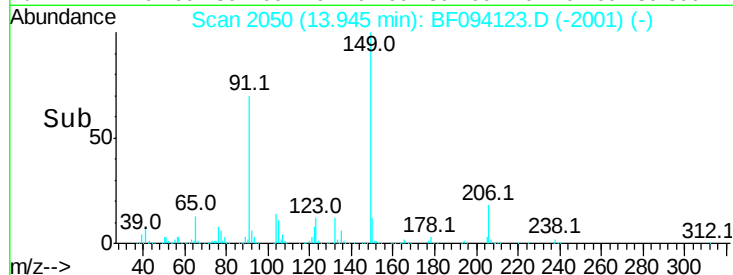
206 18.2 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.44 ng

RT: 14.60 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

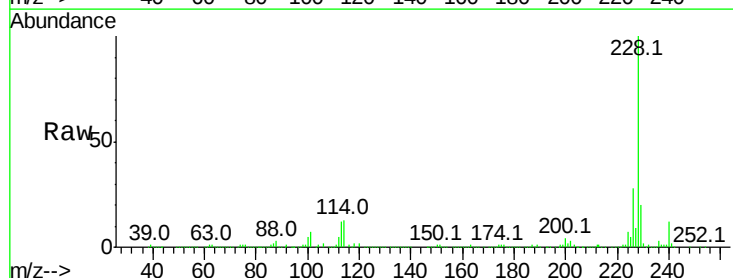
Tgt Ion:228 Resp: 1183005

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

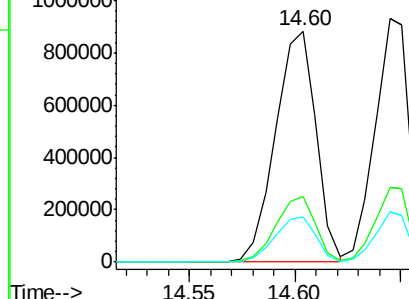
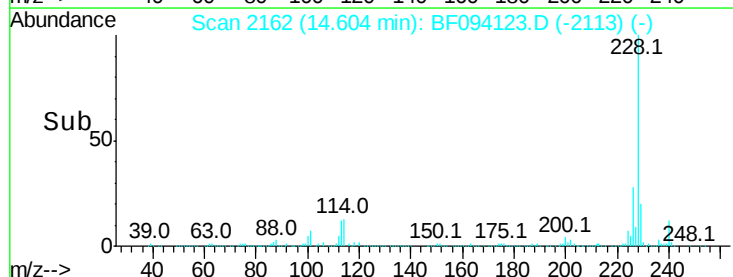
229 19.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

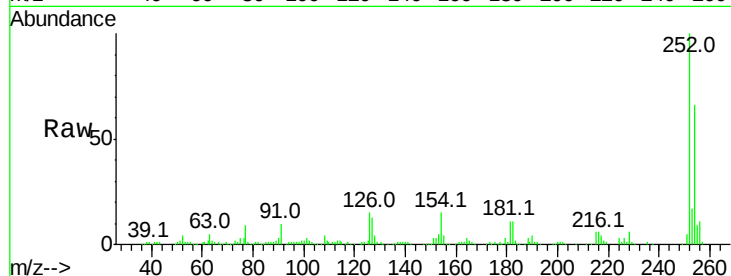




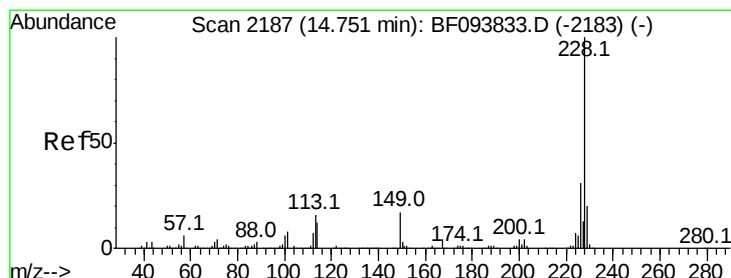
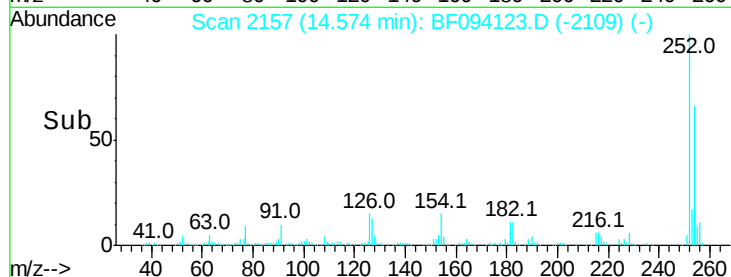
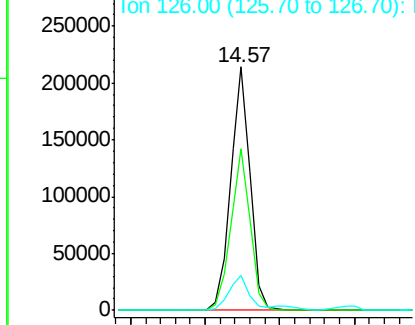
#81
 3,3'-Dichlorobenzidine
 Concen: 21.22 ng
 RT: 14.57 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB97988BS

Tot Ion:252 Resp: 197490
 Ion Ratio Lower Upper
 252 100
 254 66.2 51.5 77.3
 126 14.5 15.8 23.8#

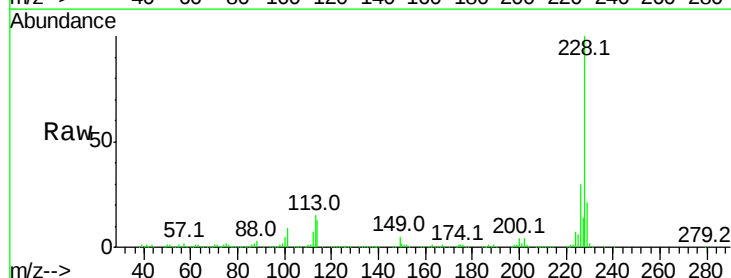


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

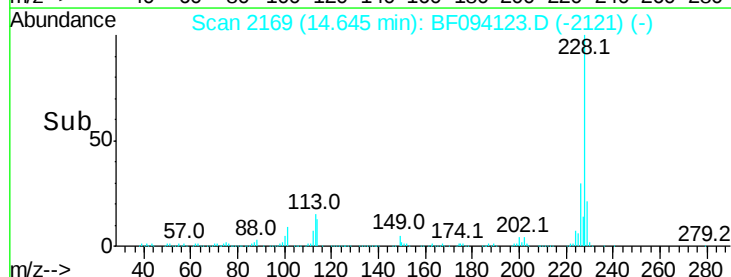
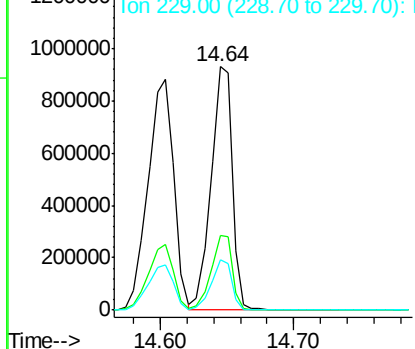


#82
 Chrysene
 Concen: 43.16 ng
 RT: 14.64 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

Tgt Ion:228 Resp: 1042657
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 20.5 15.8 23.6



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

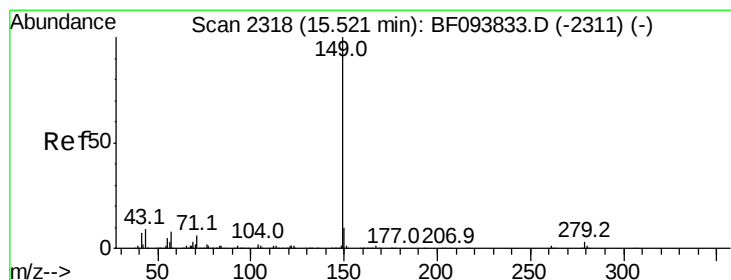
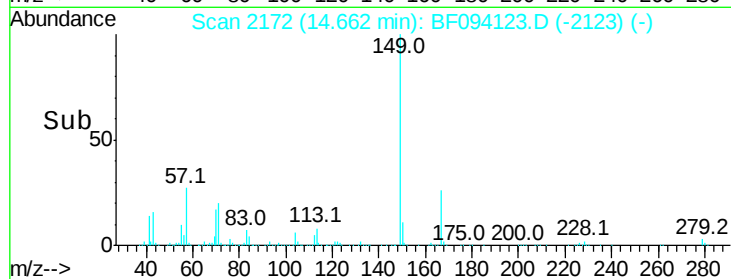
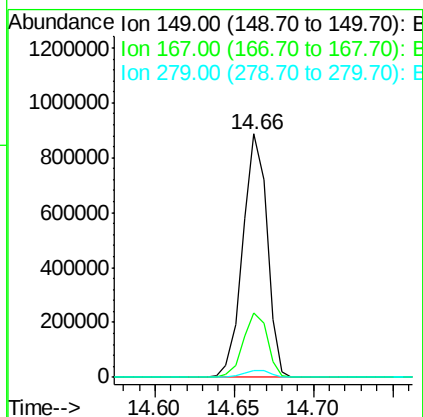
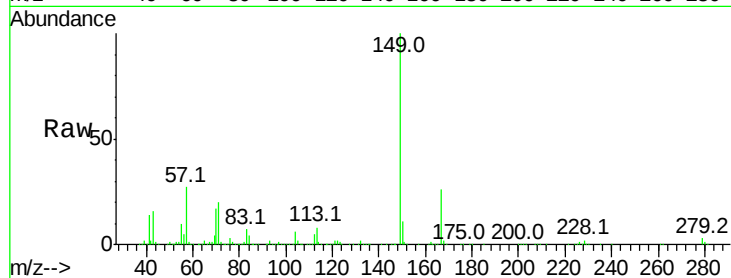




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.00 ng
 RT: 14.66 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

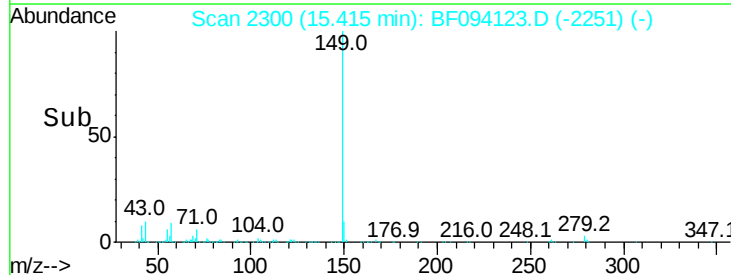
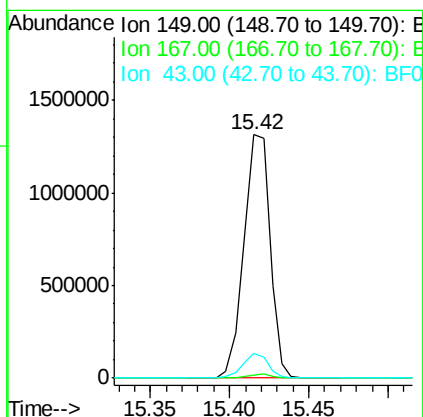
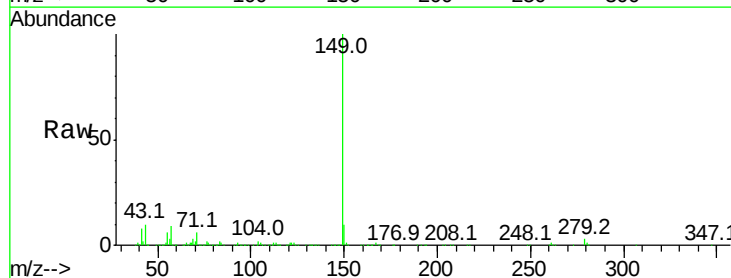
Instrument :
 BNA_F
 ClientSampleId :
 PB97988BS

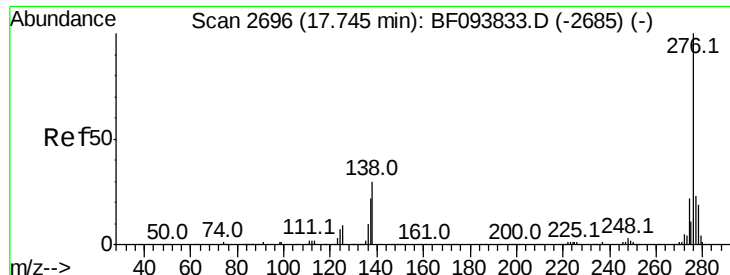
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.0	31.4
279	2.8	1.9	2.9



#84
 Di-n-octyl phthalate
 Concen: 47.99 ng
 RT: 15.42 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.7	8.5	12.7

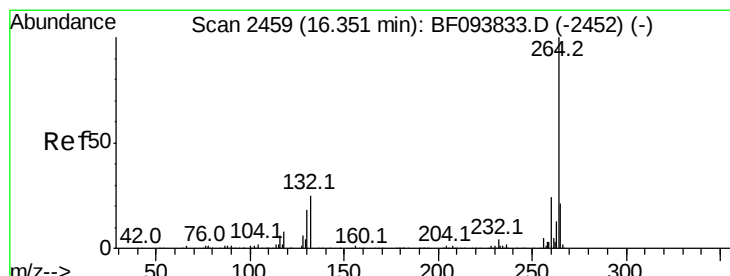
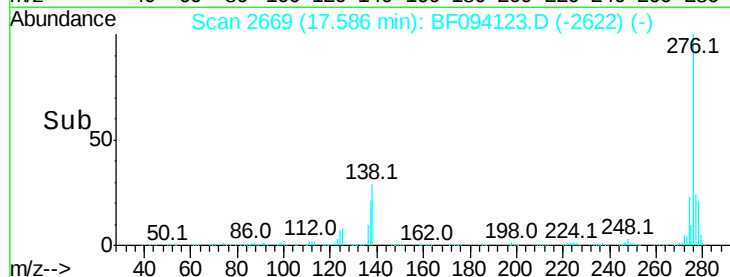
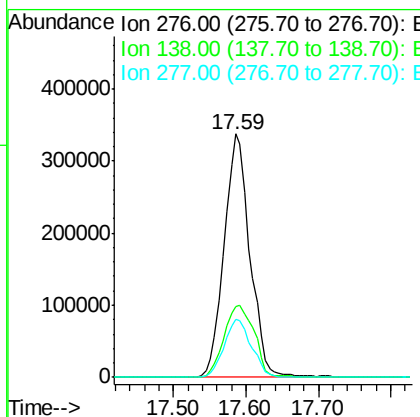
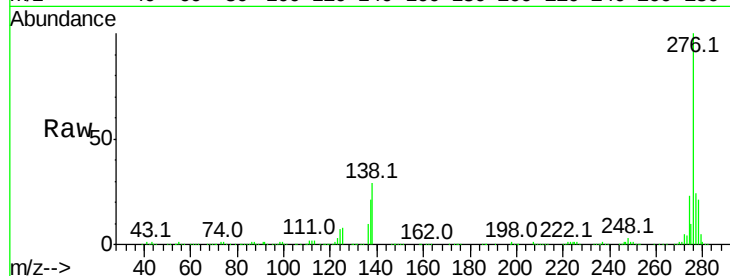




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.90 ng
 RT: 17.59 min Scan# 2669
 Delta R.T. -0.02 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

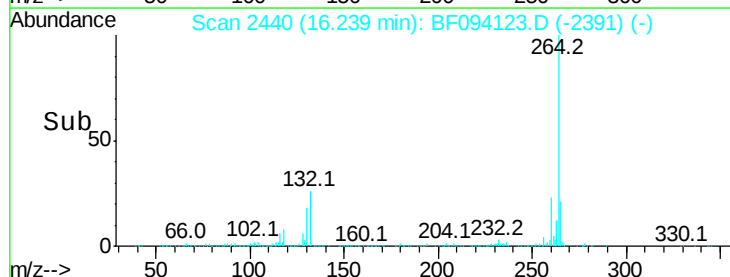
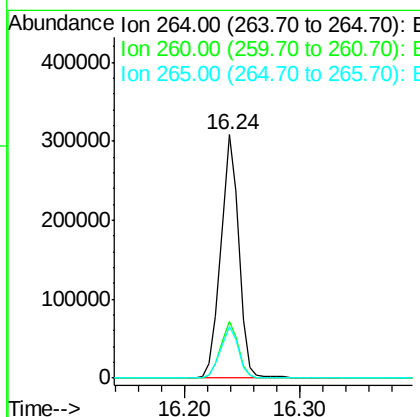
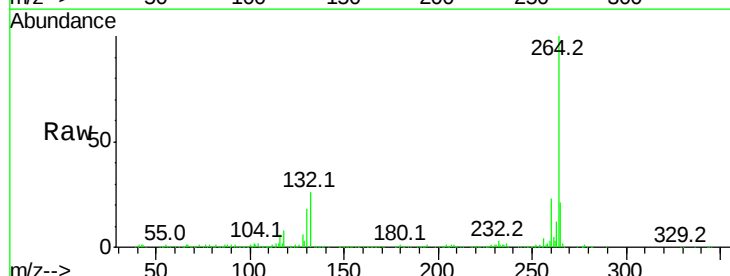
Instrument :
 BNA_F
 ClientSampleId :
 PB97988BS

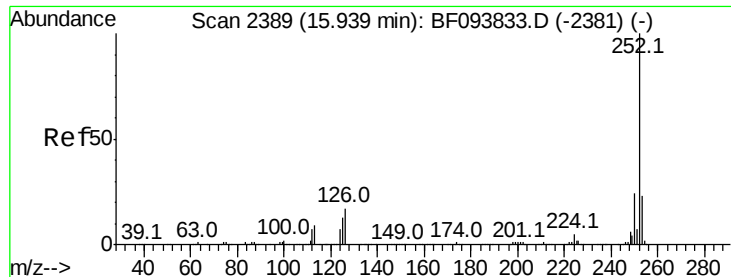
Tot Ion:276 Resp: 834900
 Ion Ratio Lower Upper
 276 100
 138 34.7 27.8 41.6
 277 25.4 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.24 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BF094123.D
 Acq: 3 Apr 2017 16:21

Tgt Ion:264 Resp: 334874
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.0 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 48.33 ng

RT: 15.84 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

Instrument :

BNA_F

ClientSampleId :

PB97988BS

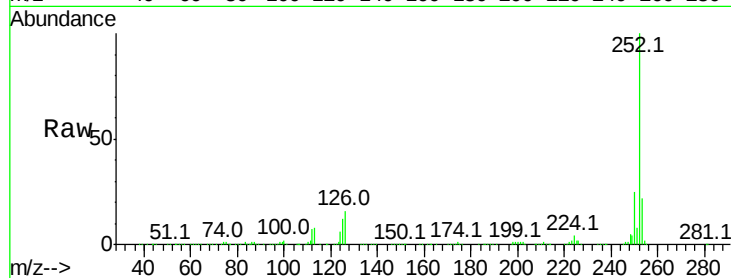
Tot Ion:252 Resp: 992061

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

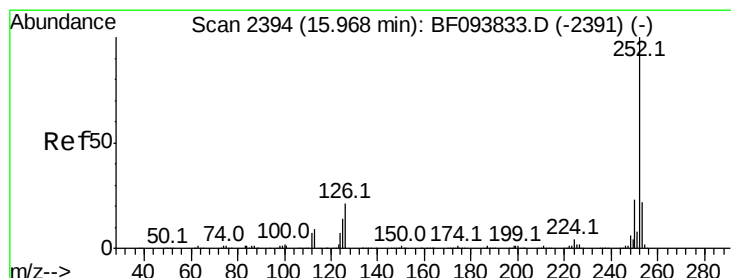
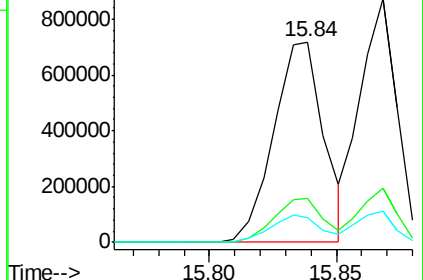
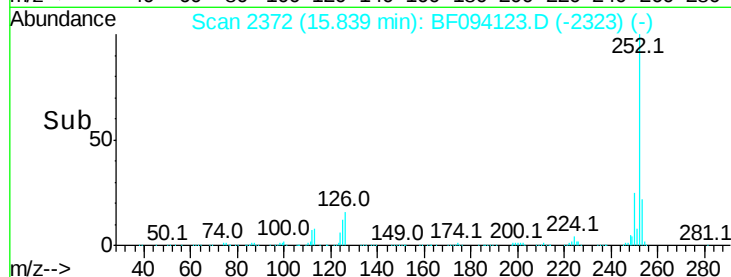
125 12.3 9.8 14.8



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: 44.40 ng

RT: 15.87 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

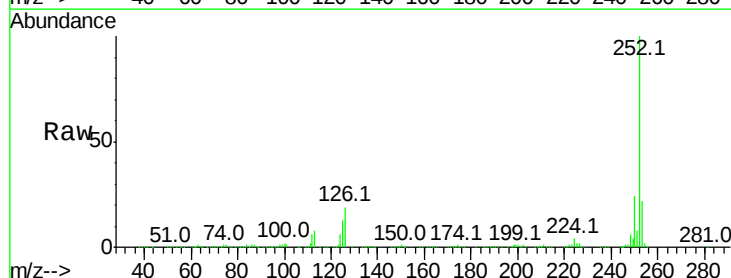
Tgt Ion:252 Resp: 891794

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

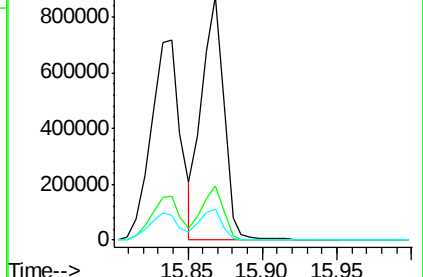
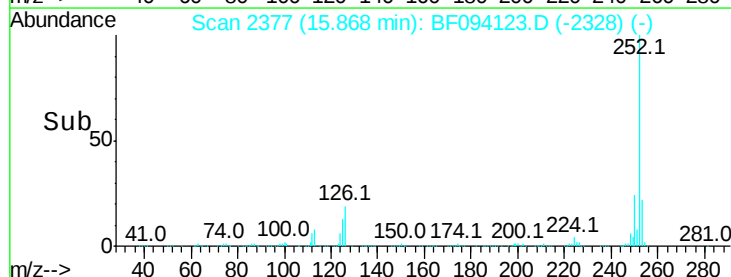
125 12.8 13.1 19.7#

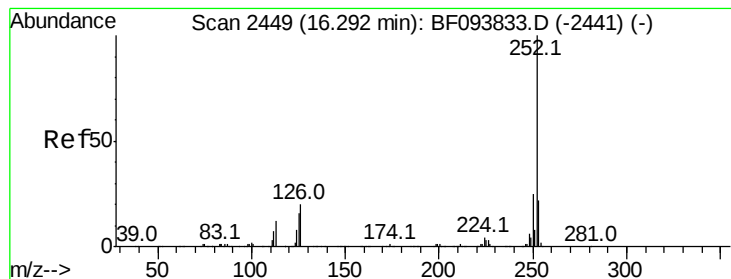


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.09 ng

RT: 16.19 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

Instrument :

BNA_F

ClientSampleId :

PB97988BS

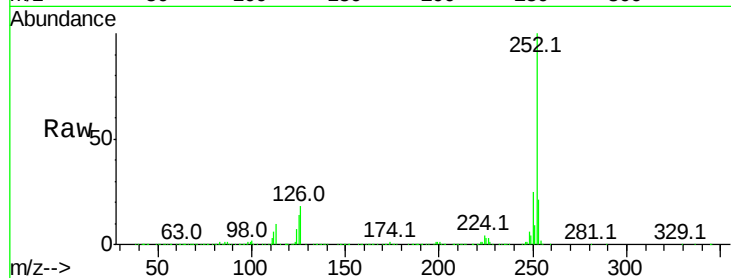
Tot Ion:252 Resp: 871153

Ion Ratio Lower Upper

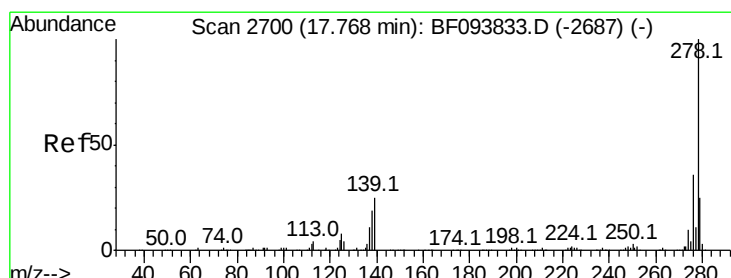
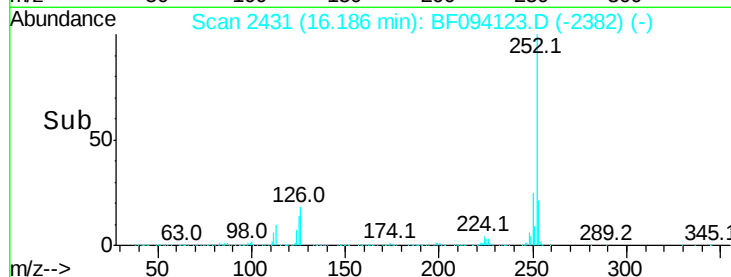
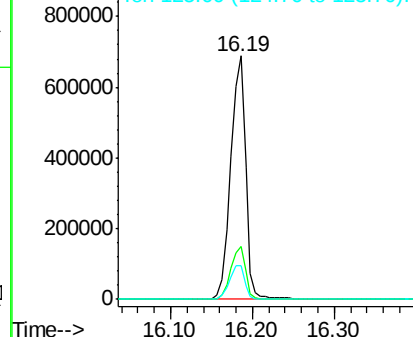
252 100

253 21.5 17.5 26.3

125 13.9 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 43.03 ng

RT: 17.61 min Scan# 2673

Delta R.T. -0.02 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

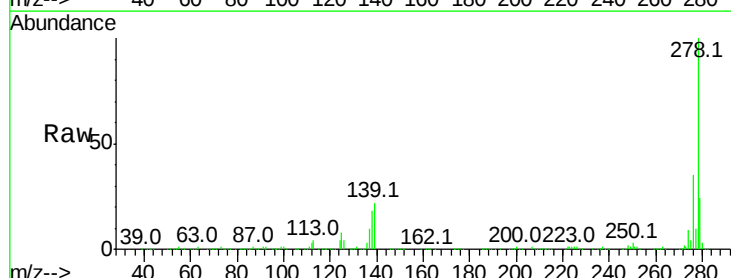
Tgt Ion:278 Resp: 688822

Ion Ratio Lower Upper

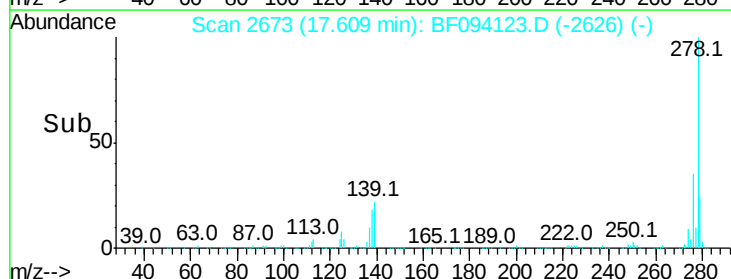
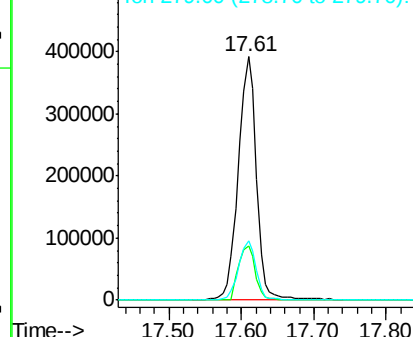
278 100

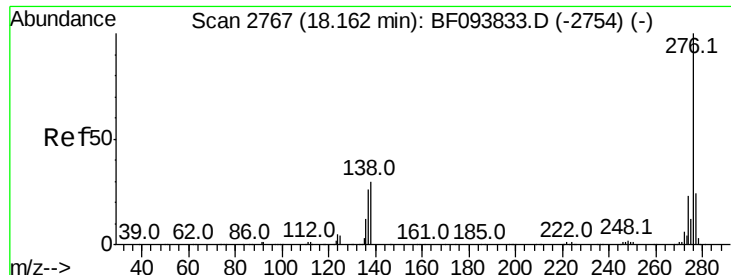
139 22.2 16.6 24.8

279 24.2 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: 42.96 ng

RT: 17.99 min Scan# 2737

Delta R.T. -0.02 min

Lab File: BF094123.D

Acq: 3 Apr 2017 16:21

Instrument :

BNA_F

ClientSampleId :

PB97988BS

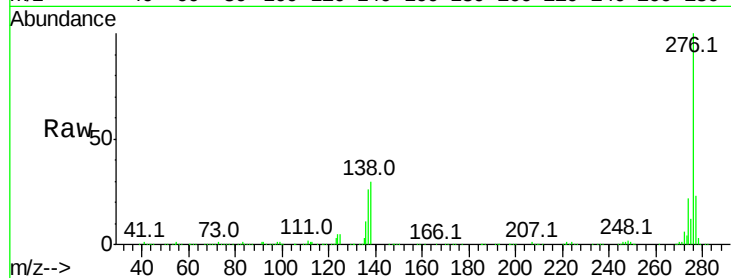
Tot Ion:276 Resp: 693010

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 30.0 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

