

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF093994.D
 Acq On : 28 Mar 2017 15:59
 Operator : SJ/MA
 Sample : PB97829BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 02:34:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	162036	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	654443	20.00	ng	-0.02
38) Acenaphthene-d10	9.57	164	305867	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	534077	20.00	ng	-0.02
75) Chrysene-d12	14.65	240	430664	20.00	ng	-0.03
86) Perylene-d12	16.28	264	352910	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	1220168	127.19	ng	0.00
7) Phenol-d6	5.53	99	1559471	131.40	ng	-0.02
23) Nitrobenzene-d5	6.58	82	966000	84.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	351623	145.48	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	1822532	90.88	ng	-0.02
78) Terphenyl-d14	13.37	244	1526237	79.44	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.36	88	165468	35.90	ng	98
3) Pyridine	2.83	79	489076	38.93	ng	98
4) n-Nitrosodimethylamine	2.79	42	219114	42.39	ng	95
6) Aniline	5.55	93	313159	18.97	ng	# 36
8) 2-Chlorophenol	5.69	128	479293	45.45	ng	98
9) Benzaldehyde	5.42	77	134959	16.84	ng	97
10) Phenol	5.55	94	563774	41.74	ng	99
11) bis(2-Chloroethyl)ether	5.63	93	457992	43.39	ng	98
12) 1,3-Dichlorobenzene	5.86	146	513580	43.42	ng	100
13) 1,4-Dichlorobenzene	5.95	146	517471	43.19	ng	98
14) 1,2-Dichlorobenzene	6.12	146	483016	43.78	ng	97
15) Benzyl Alcohol	6.10	79	398704	45.90	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.26	45	645445	39.69	ng	99
17) 2-Methylphenol	6.23	107	404795	44.82	ng	98
18) Hexachloroethane	6.52	117	184501	43.82	ng	89
19) n-Nitroso-di-n-propylamine	6.42	70	329932	43.25	ng	97
20) 3+4-Methylphenols	6.42	107	497181	45.46	ng	# 66
22) Acetophenone	6.40	105	668359	45.82	ng	# 88
24) Nitrobenzene	6.60	77	490842	43.40	ng	94
25) Isophorone	6.89	82	910104	45.17	ng	97
26) 2-Nitrophenol	6.97	139	273532	50.71	ng	97
27) 2,4-Dimethylphenol	7.04	122	449048	48.32	ng	98
28) bis(2-Chloroethoxy)methane	7.15	93	583641	43.92	ng	98
29) 2,4-Dichlorophenol	7.27	162	423953	48.79	ng	97
30) 1,2,4-Trichlorobenzene	7.37	180	409887	45.80	ng	98
31) Naphthalene	7.46	128	1369768	43.53	ng	100
32) Benzoic acid	7.20	122	312883	50.57	ng	97
33) 4-Chloroaniline	7.52	127	147940	11.60	ng	# 92
34) Hexachlorobutadiene	7.62	225	207409	45.19	ng	98
35) Caprolactam	7.97	113	80288	28.97	ng	99
36) 4-Chloro-3-methylphenol	8.14	107	448849	49.43	ng	90
37) 2-Methylnaphthalene	8.30	142	972593	46.36	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	350202	41.85	ng	99
40) Hexachlorocyclopentadiene	8.50	237	379414	96.90	ng	99

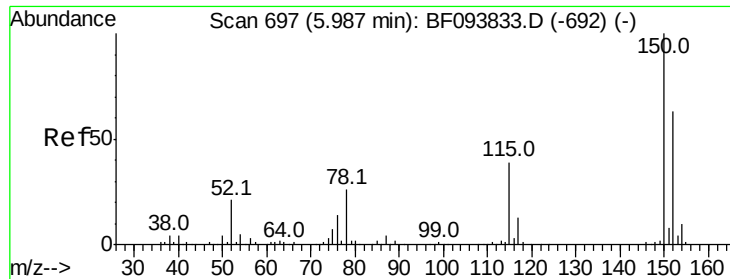
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF093994.D
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 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	290834	49.13	nq	98
43) 2,4,5-Trichlorophenol	8.70	196	295208	46.09	nq	95
45) 1,1'-Biphenyl	8.87	154	1081506	43.84	nq	98
46) 2-Chloronaphthalene	8.90	162	855634	44.31	nq	95
47) 2-Nitroaniline	9.02	65	257880	45.01	nq	# 82
48) Acenaphthylene	9.40	152	1386609	43.20	nq	99
49) Dimethylphthalate	9.27	163	1028873	47.32	nq	99
50) 2,6-Dinitrotoluene	9.33	165	234340	47.02	nq	# 87
51) Acenaphthene	9.62	154	823558	43.97	nq	99
52) 3-Nitroaniline	9.52	138	103779	17.73	nq	94
53) 2,4-Dinitrophenol	9.66	184	253628	94.21	nq	# 72
54) Dibenzofuran	9.83	168	1191209	46.72	nq	99
55) 4-Nitrophenol	9.76	139	416804	90.94	nq	# 69
56) 2,4-Dinitrotoluene	9.83	165	289541	46.25	nq	# 73
57) Fluorene	10.25	166	891661	42.17	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	227800	51.83	nq	98
59) Diethylphthalate	10.13	149	1007753	46.90	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	386046	42.86	nq	92
61) 4-Nitroaniline	10.29	138	246324	43.86	nq	97
62) Azobenzene	10.45	77	979862	48.20	nq	96
64) 4,6-Dinitro-2-methylphenol	10.33	198	163580	50.01	nq	# 70
65) n-Nitrosodiphenylamine	10.40	169	851976	46.13	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	244492	46.55	nq	99
67) Hexachlorobenzene	10.93	284	249742	46.97	nq	# 87
68) Atrazine	11.07	200	254035	45.92	nq	95
69) Pentachlorophenol	11.17	266	279041	84.31	nq	98
70) Phenanthrene	11.43	178	1324746	44.59	nq	99
71) Anthracene	11.49	178	1372102	44.85	nq	99
72) Carbazole	11.69	167	1292566	41.21	nq	98
73) Di-n-butylphthalate	12.14	149	1584915	48.59	nq	99
74) Fluoranthene	12.89	202	1376532	45.25	nq	99
76) Benzidine	13.05	184	407832	23.93	nq	# 93
77) Pyrene	13.17	202	1396068	44.67	nq	99
79) Butylbenzylphthalate	13.98	149	674956	50.68	nq	# 83
80) Benzo(a)anthracene	14.64	228	1166871	46.46	nq	99
81) 3,3'-Dichlorobenzidine	14.61	252	213938	23.83	nq	# 95
82) Chrysene	14.69	228	1018900	43.72	nq	99
83) Bis(2-ethylhexyl)phthalate	14.70	149	927442	51.05	nq	# 99
84) Di-n-octyl phthalate	15.45	149	1570748	51.75	nq	98
85) Indeno(1,2,3-cd)pyrene	17.64	276	883071	43.75	nq	99
87) Benzo(b)fluoranthene	15.87	252	1015763	46.96	nq	99
88) Benzo(k)fluoranthene	15.90	252	930964	43.98	nq	96
89) Benzo(a)pyrene	16.22	252	911191	45.74	nq	98
90) Dibenzo(a,h)anthracene	17.66	278	732813	43.44	nq	98
91) Benzo(g,h,i)perylene	18.04	276	721642	42.44	nq	100

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

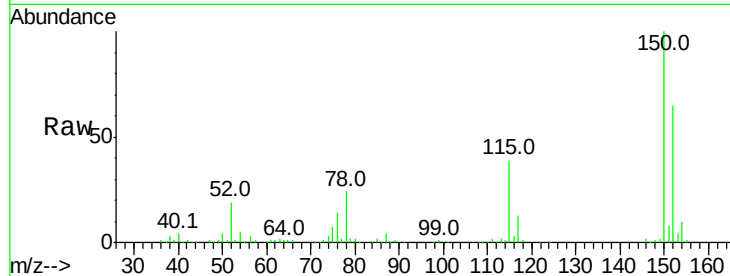


#1

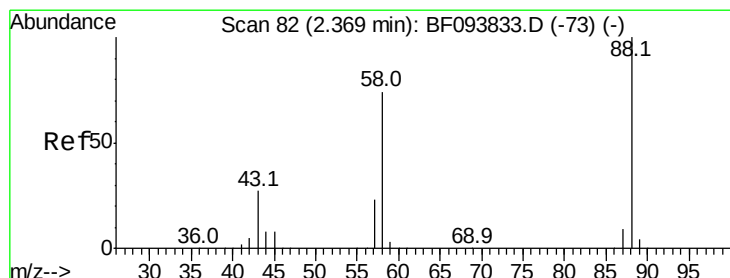
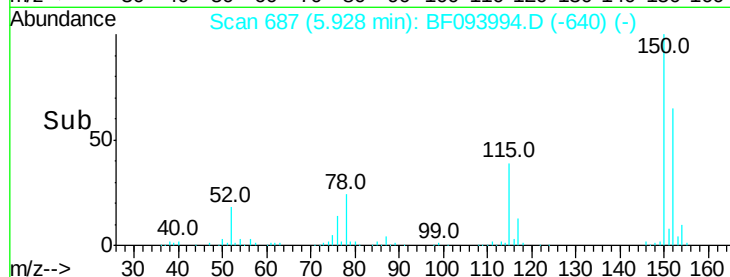
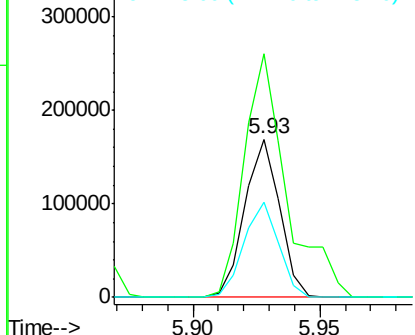
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 162036
Ion Ratio Lower Upper
152 100
150 154.1 126.2 189.2
115 60.5 52.2 78.2



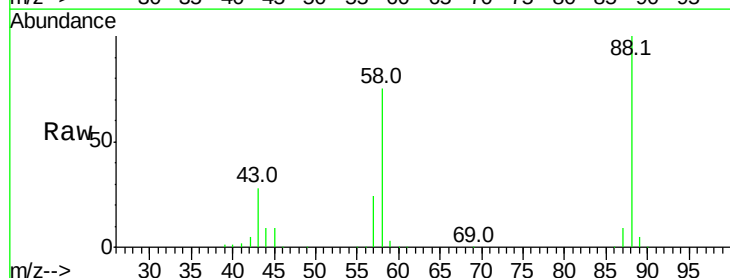
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



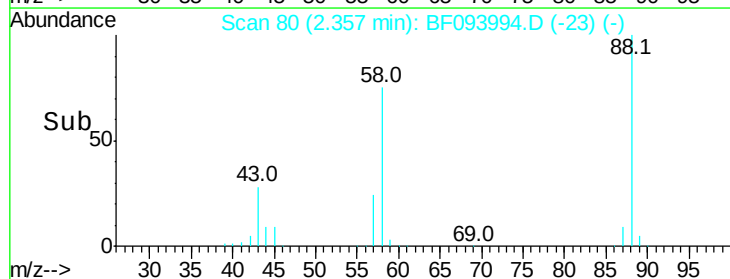
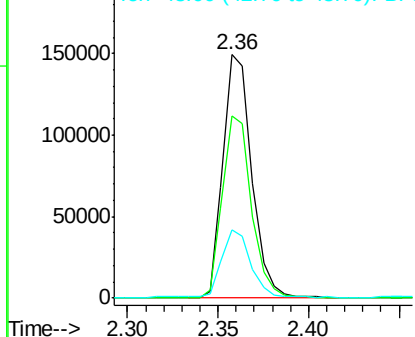
#2

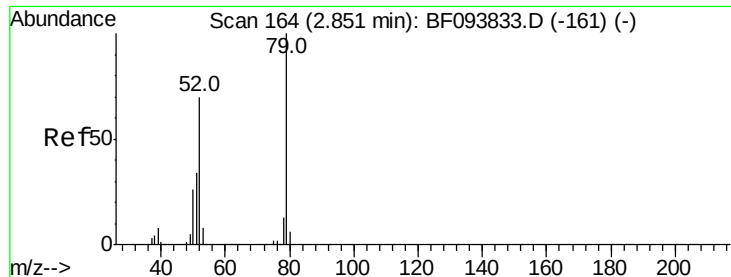
1,4-Dioxane
Concen: 35.90 ng
RT: 2.36 min Scan# 80
Delta R.T. 0.04 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion: 88 Resp: 165468
Ion Ratio Lower Upper
88 100
58 75.5 61.4 92.0
43 28.2 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: 38.93 ng

RT: 2.83 min Scan# 161

Delta R.T. 0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampled :

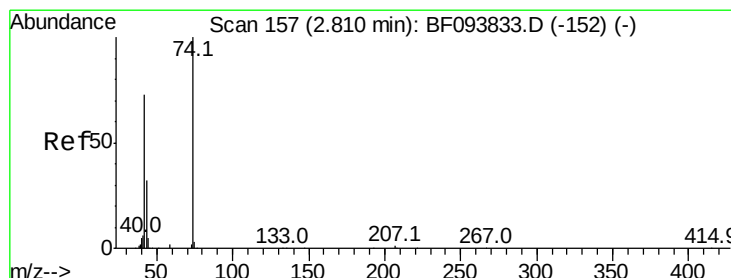
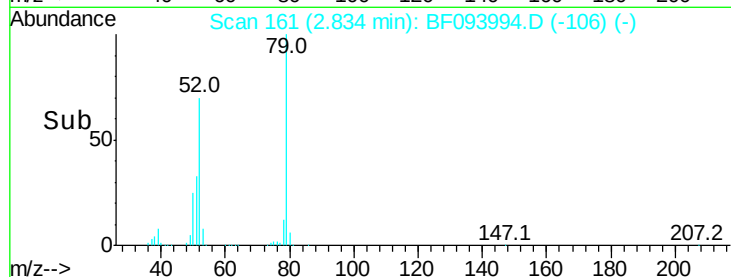
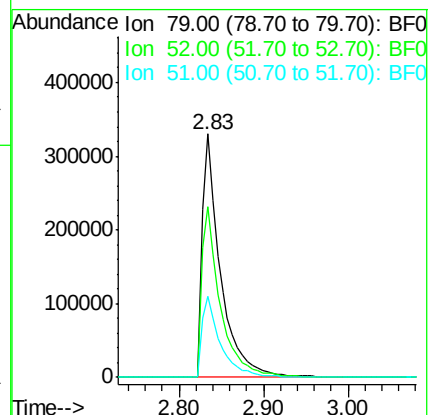
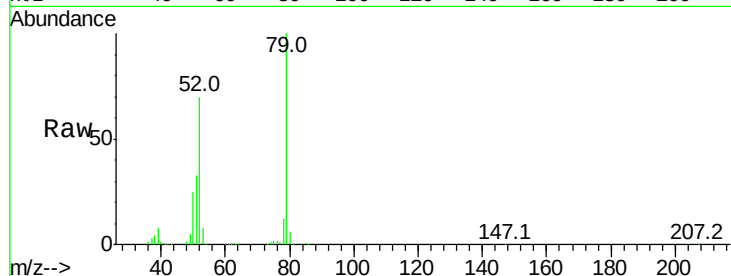
Tot Ion: 79 Resp: 489076

Ion Ratio Lower Upper

79 100

52 70.2 54.8 82.2

51 33.2 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 42.39 ng

RT: 2.79 min Scan# 154

Delta R.T. 0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

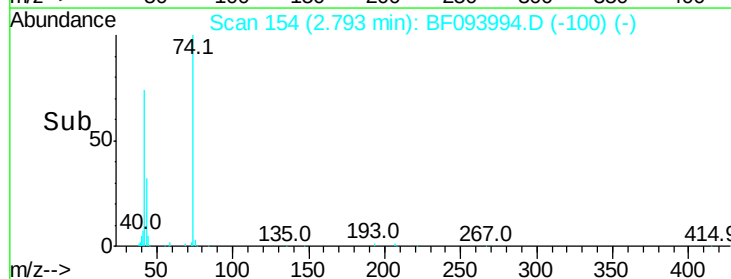
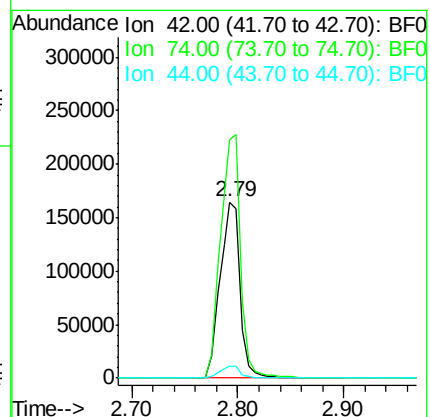
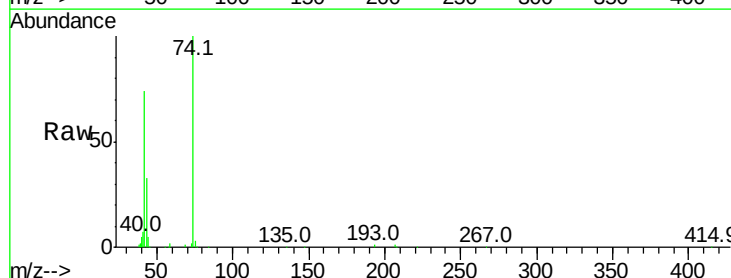
Tgt Ion: 42 Resp: 219114

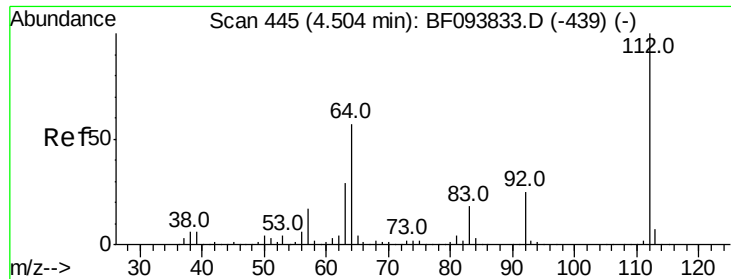
Ion Ratio Lower Upper

42 100

74 135.4 103.9 155.9

44 6.8 5.7 8.5





#5

2-Fluorophenol

Concen: 127.19 ng

RT: 4.47 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampleId :

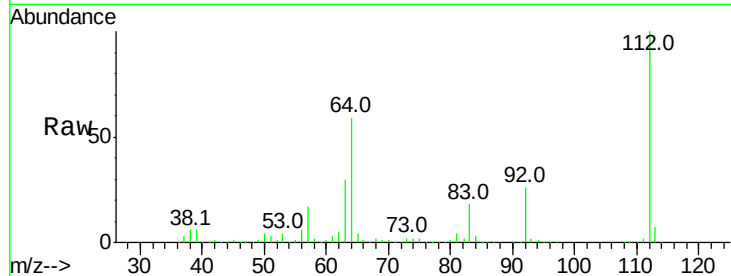
Tot Ion:112 Resp: 1220168

Ion Ratio Lower Upper

112 100

64 59.3 46.0 69.0

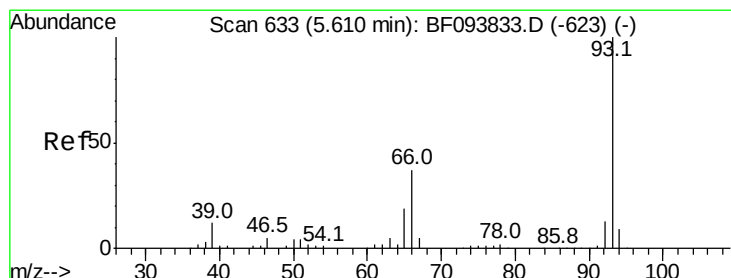
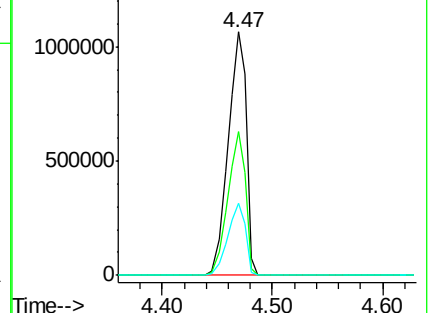
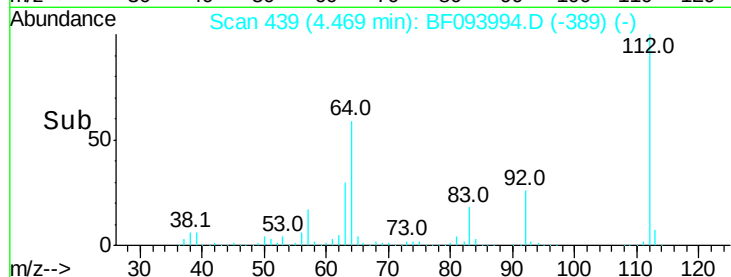
63 29.5 23.4 35.0



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: 18.97 ng

RT: 5.55 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

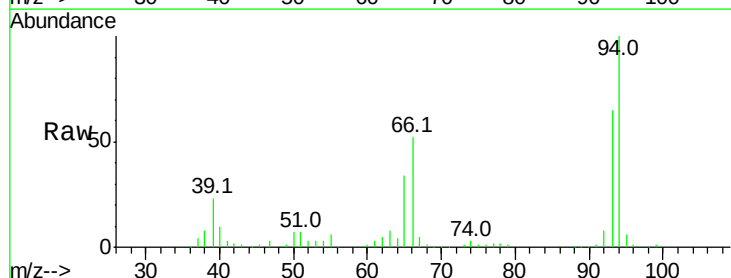
Tgt Ion: 93 Resp: 313159

Ion Ratio Lower Upper

93 100

66 79.5 32.9 49.3#

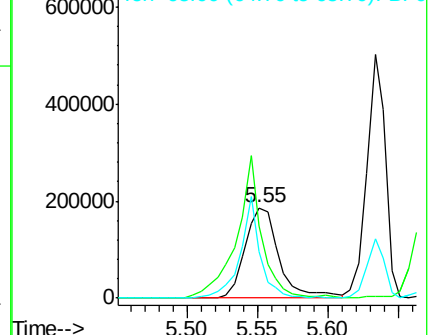
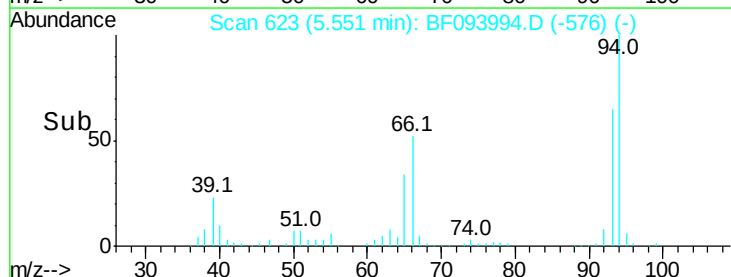
65 51.5 16.0 24.0#

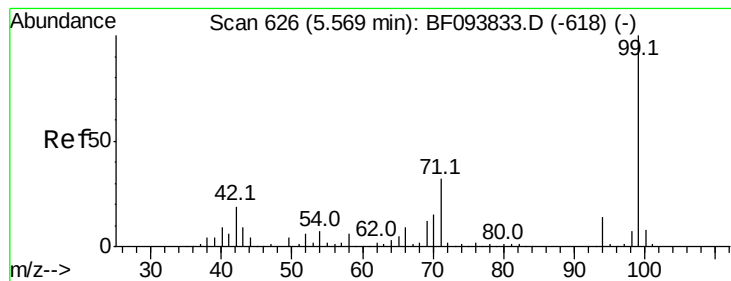


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.40 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampleId :

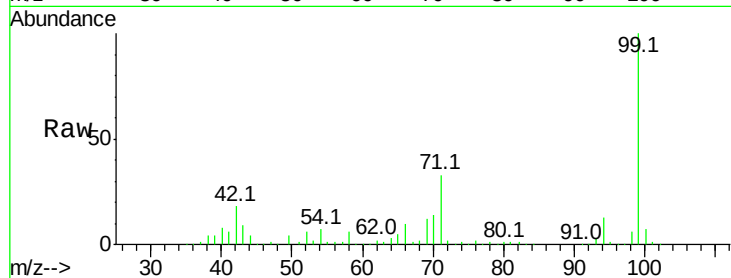
Tot Ion: 99 Resp: 1559471

Ion Ratio Lower Upper

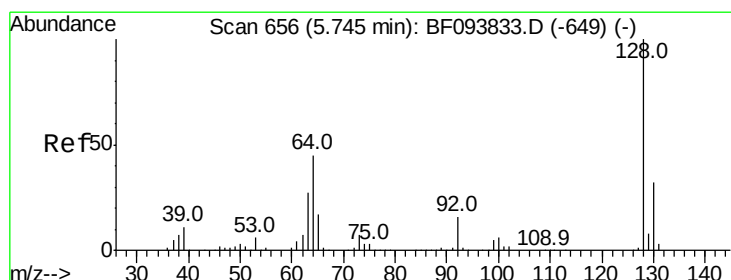
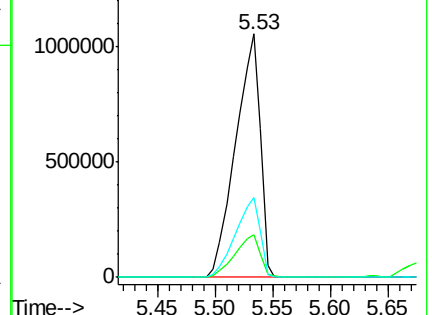
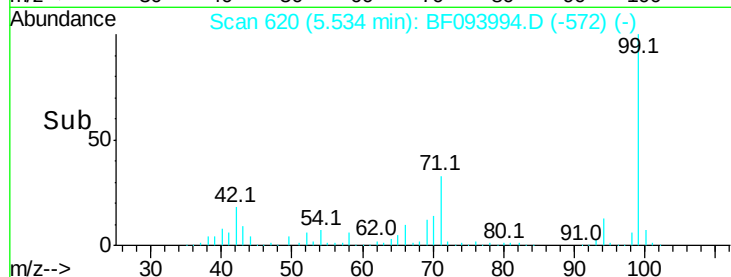
99 100

42 17.5 13.5 20.3

71 33.0 24.5 36.7



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



#8

2-Chlorophenol

Concen: 45.45 ng

RT: 5.69 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

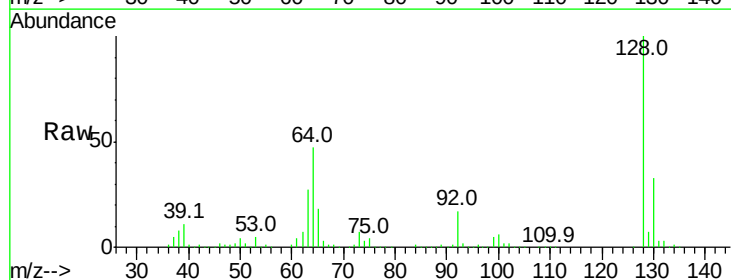
Tgt Ion:128 Resp: 479293

Ion Ratio Lower Upper

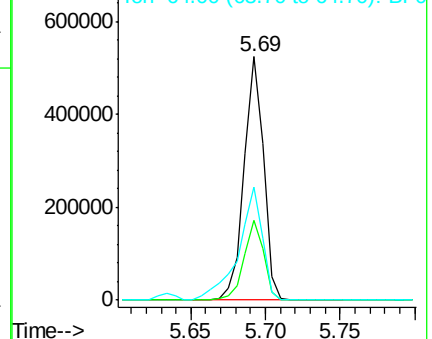
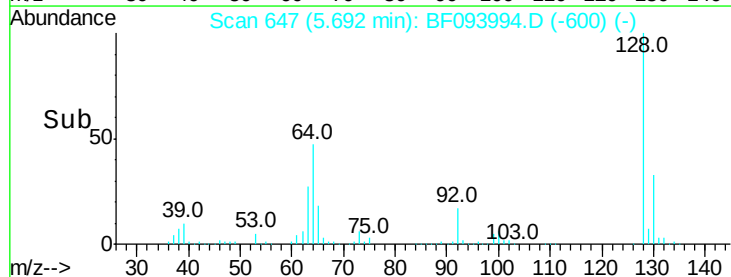
128 100

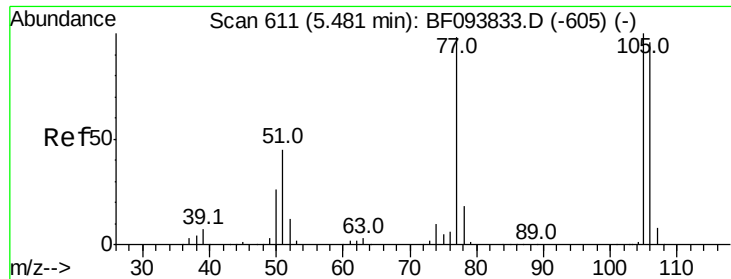
130 33.0 12.9 52.9

64 46.6 28.4 68.4



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





#9

Benzaldehyde

Concen: 16.84 ng

RT: 5.42 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampled :

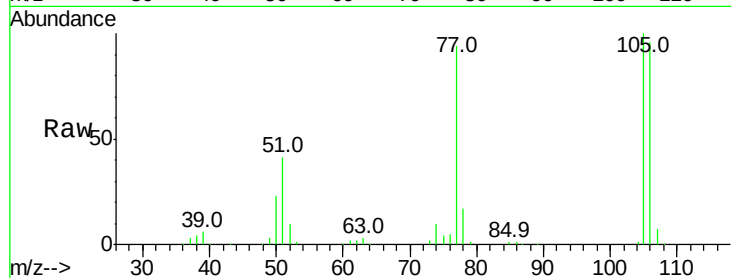
Tot Ion: 77 Resp: 134959

Ion Ratio Lower Upper

77 100

105 106.8 83.8 123.8

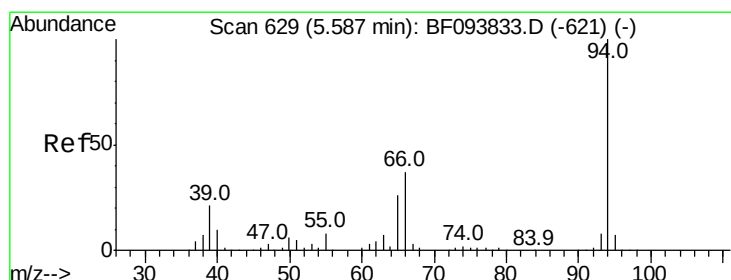
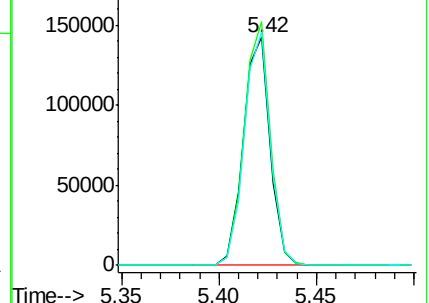
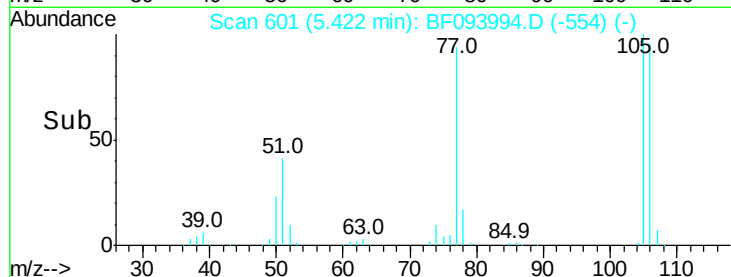
106 102.2 79.1 119.1



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: 41.74 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

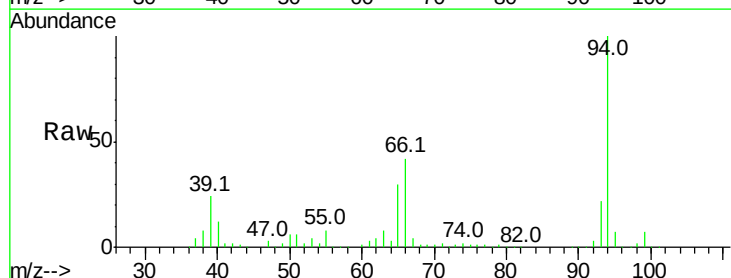
Tgt Ion: 94 Resp: 563774

Ion Ratio Lower Upper

94 100

65 29.8 9.9 49.9

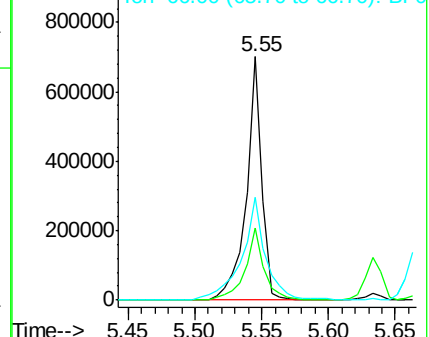
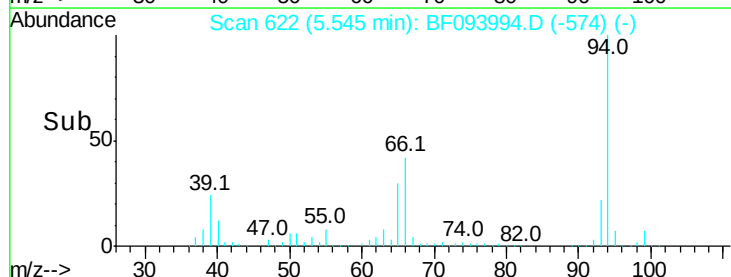
66 42.0 23.1 63.1

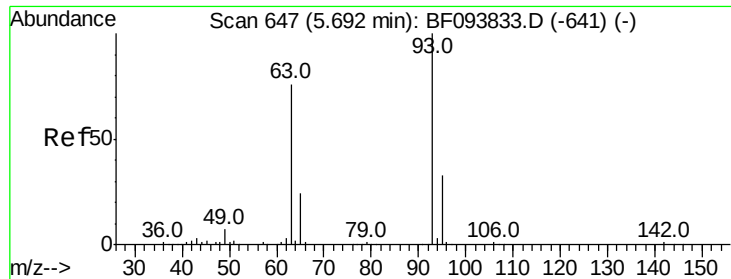


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.39 ng

RT: 5.63 min Scan# 637

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampleId :

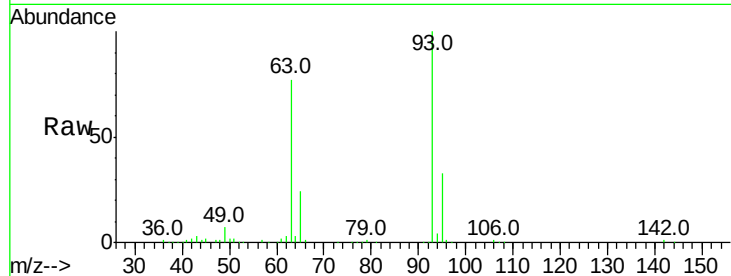
Tot Ion: 93 Resp: 457992

Ion Ratio Lower Upper

93 100

63 77.0 59.2 99.2

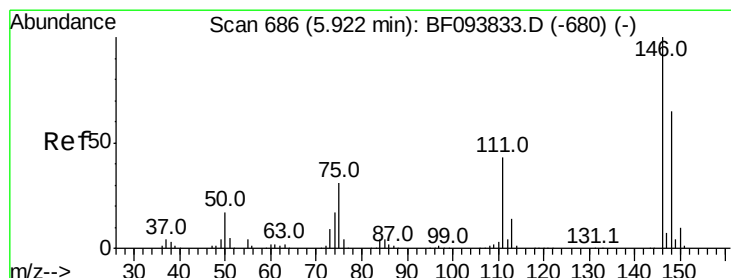
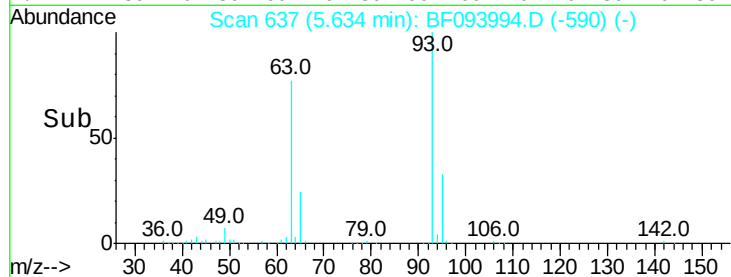
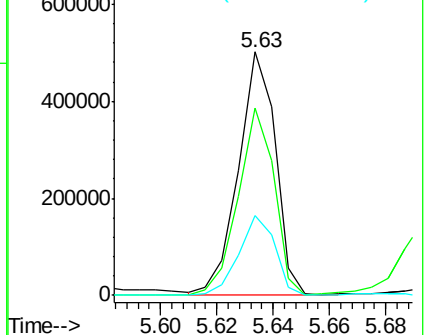
95 32.5 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 43.42 ng

RT: 5.86 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

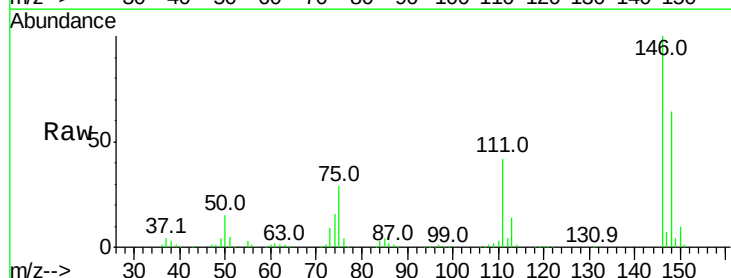
Tgt Ion: 146 Resp: 513580

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

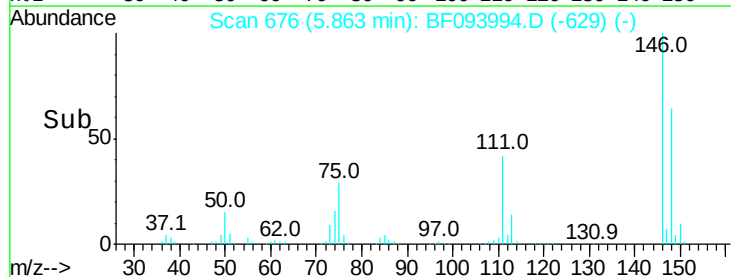
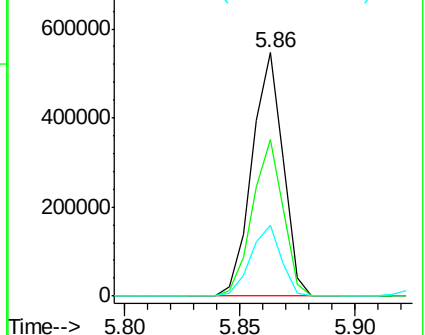
75 28.9 23.1 34.7

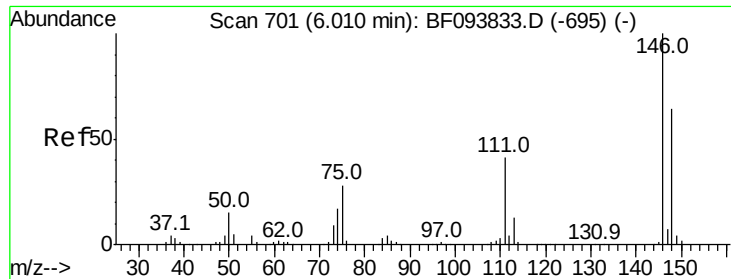


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

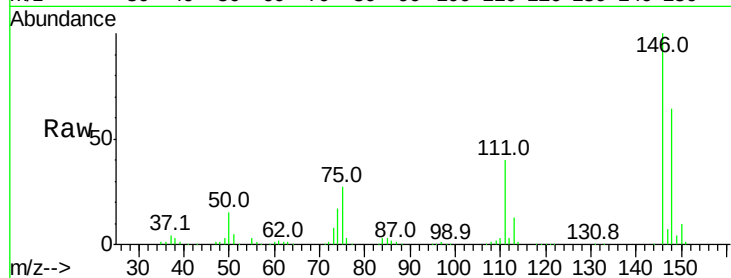




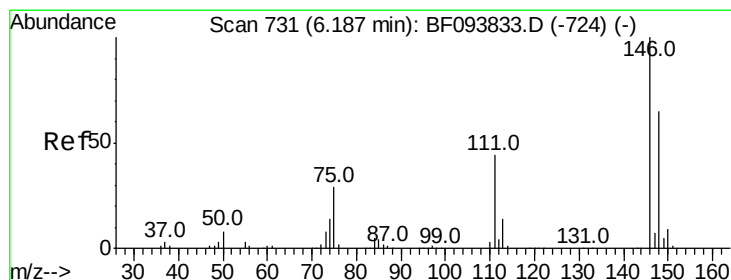
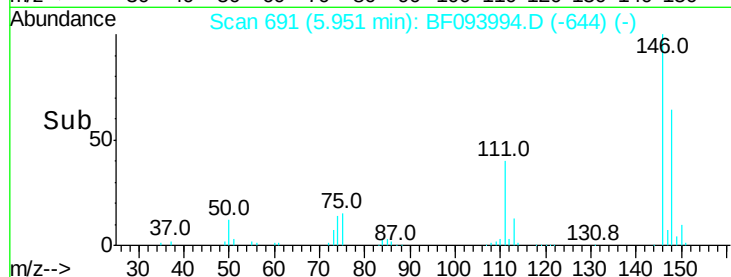
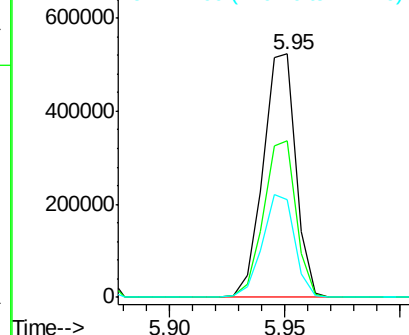
#13
 1,4-Dichlorobenzene
 Concen: 43.19 ng
 RT: 5.95 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 517471
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 39.9 30.3 45.5

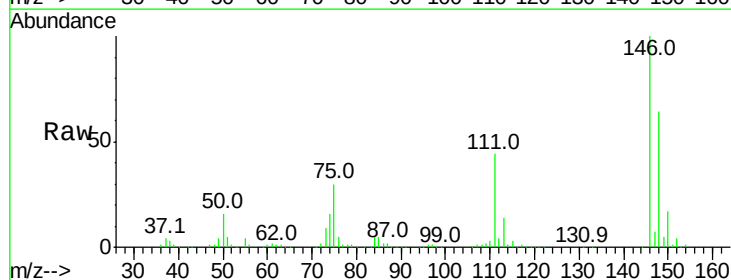


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

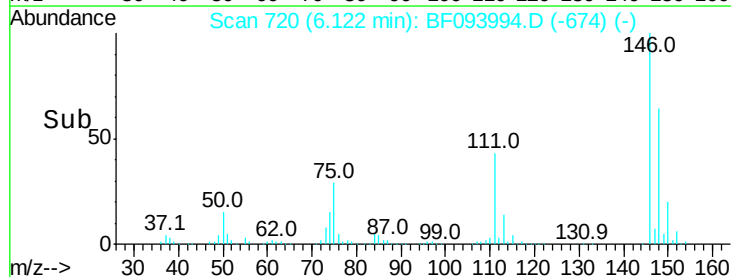
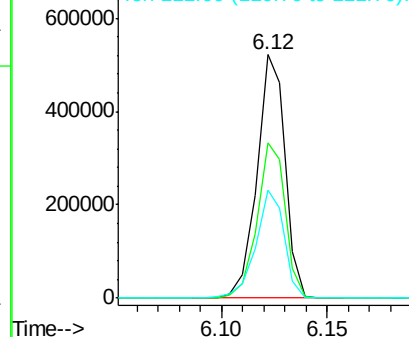


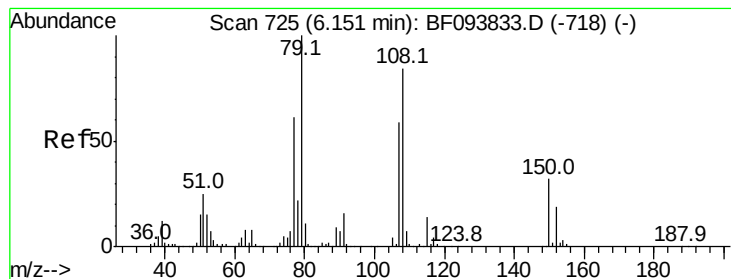
#14
 1,2-Dichlorobenzene
 Concen: 43.78 ng
 RT: 6.12 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion:146 Resp: 483016
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.4 75.6
 111 44.5 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: 45.90 ng

RT: 6.10 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampleId :

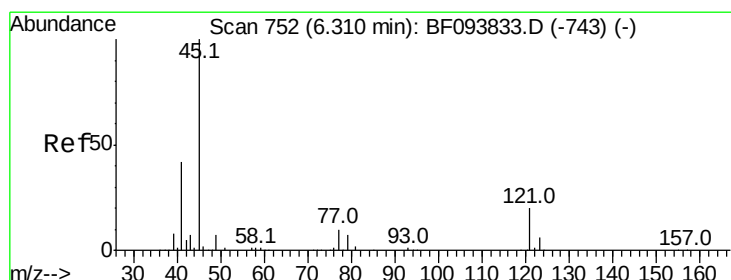
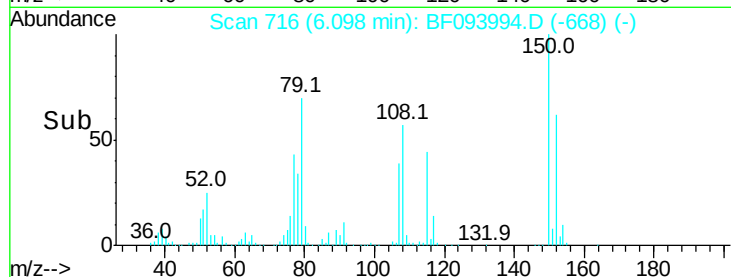
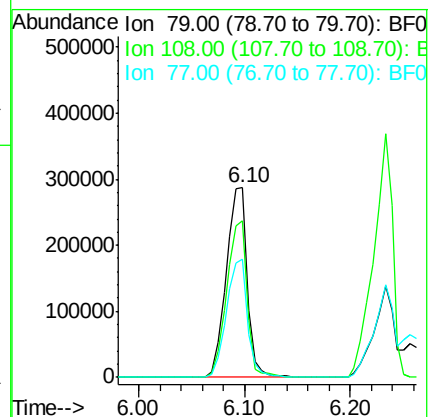
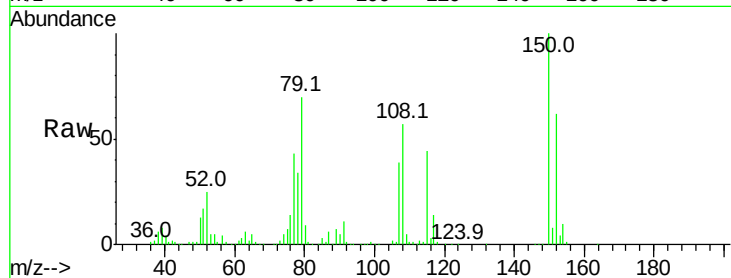
Tot Ion: 79 Resp: 398704

Ion Ratio Lower Upper

79 100

108 82.3 63.4 95.0

77 62.3 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.69 ng

RT: 6.26 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

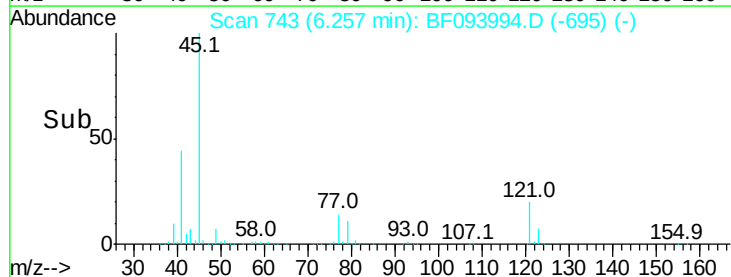
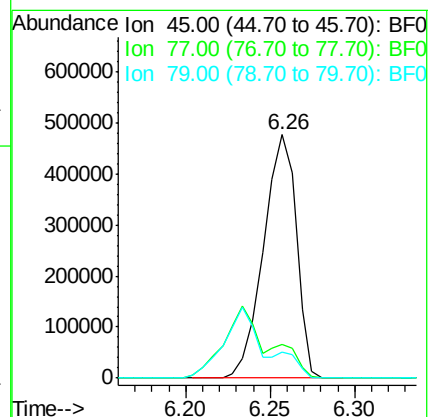
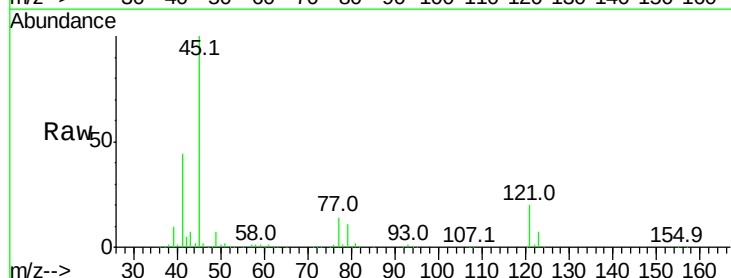
Tgt Ion: 45 Resp: 645445

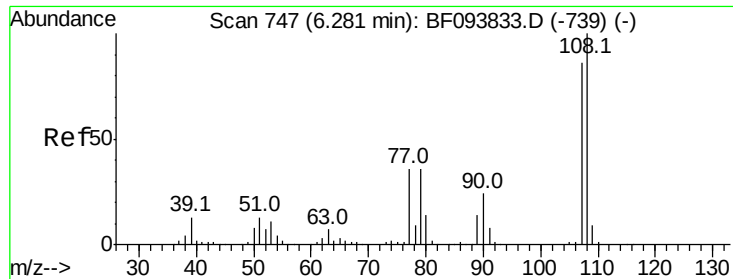
Ion Ratio Lower Upper

45 100

77 13.7 0.0 33.2

79 10.7 0.0 30.0

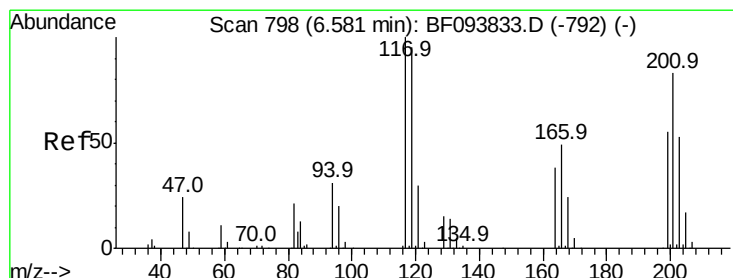
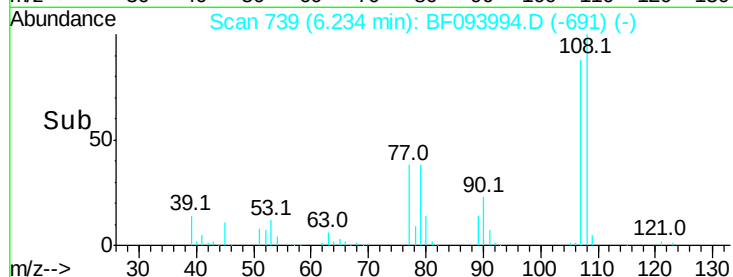
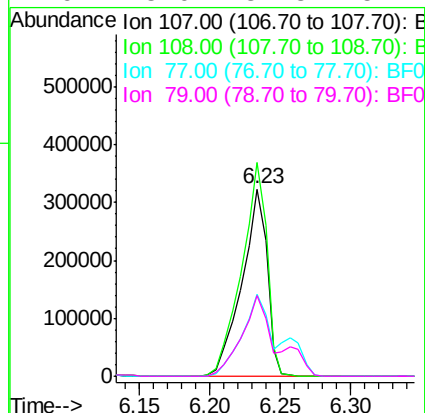
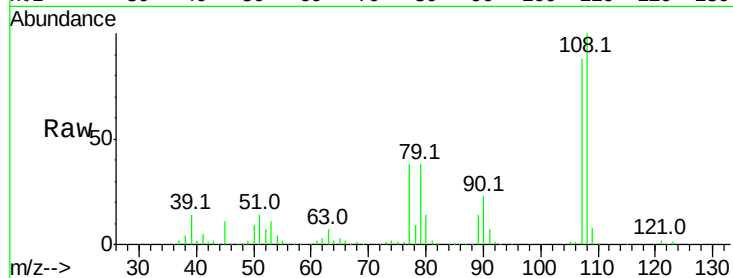




#17
2-Methylphenol
Concen: 44.82 ng
RT: 6.23 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

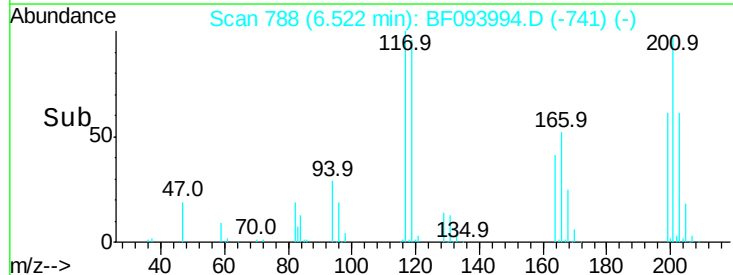
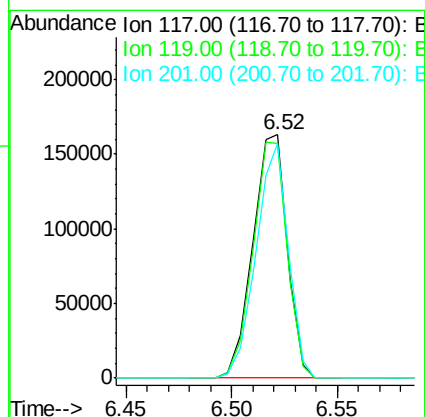
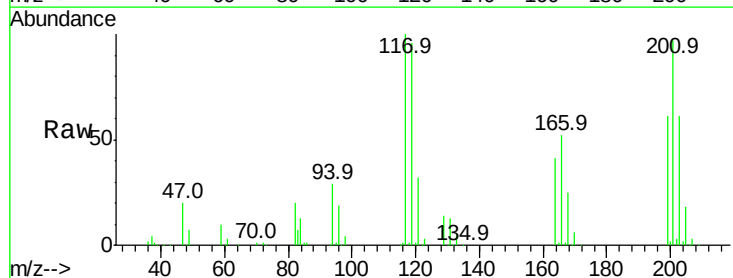
Instrument :
BNA_F
ClientSampleId :

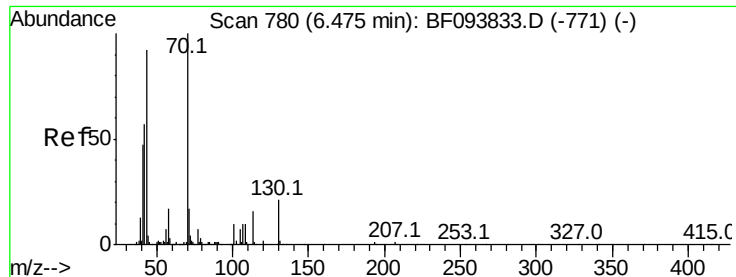
Tot Ion:107 Resp: 404795
Ion Ratio Lower Upper
107 100
108 114.0 93.4 140.0
77 43.6 35.8 53.6
79 43.0 34.8 52.2



#18
Hexachloroethane
Concen: 43.82 ng
RT: 6.52 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion:117 Resp: 184501
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.0
201 96.5 94.6 141.8

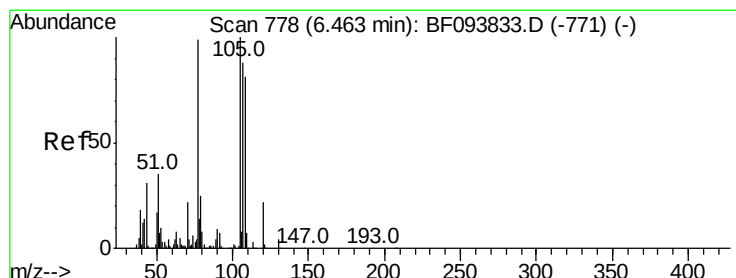
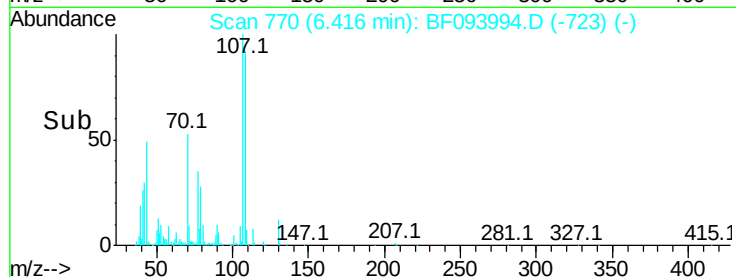
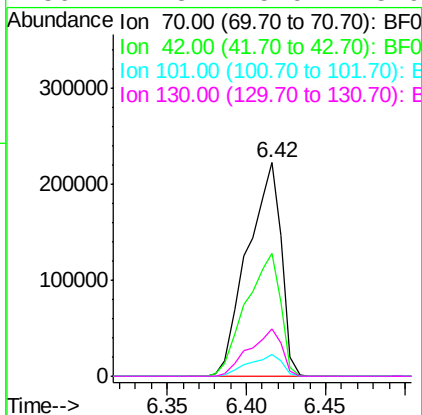
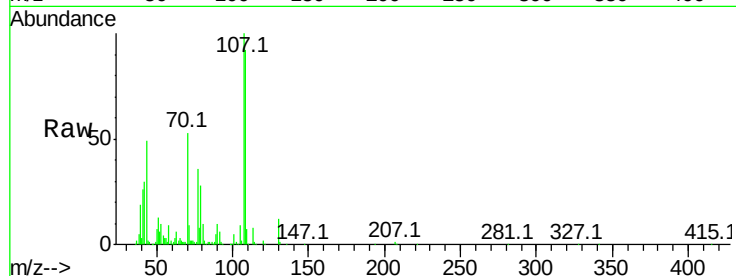




#19
n-Nitroso-di-n-propylamine
Concen: 43.25 ng
RT: 6.42 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

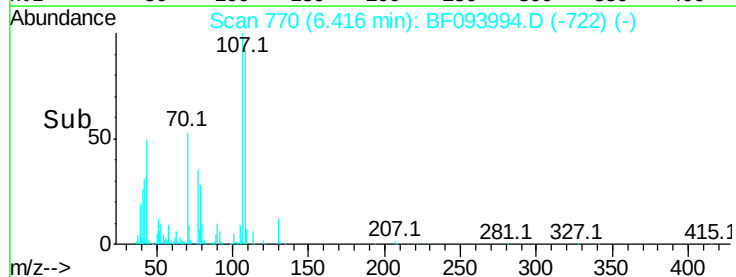
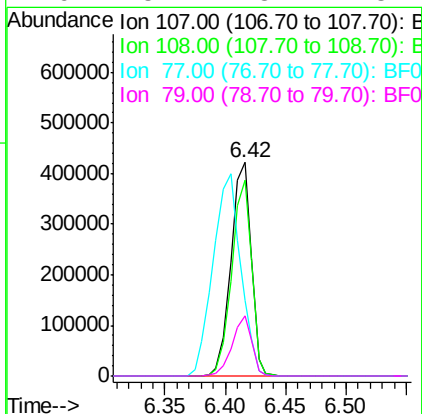
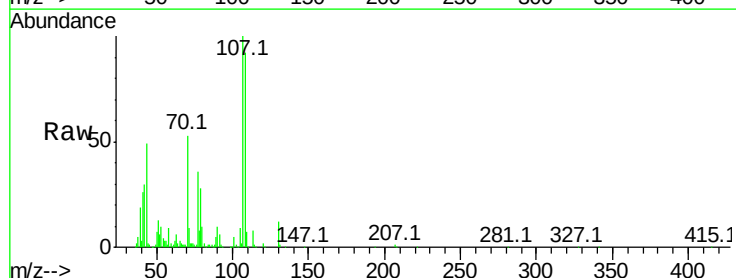
Instrument :
BNA_F
ClientSampleId :

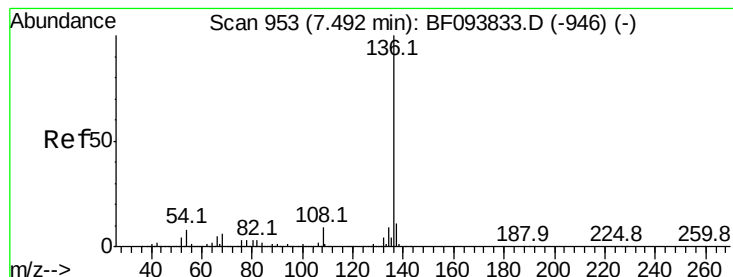
Tot Ion: 70 Resp: 329932
Ion Ratio Lower Upper
70 100
42 57.8 47.2 70.8
101 9.9 7.2 10.8
130 22.3 15.9 23.9



#20
3+4-Methylphenols
Concen: 45.46 ng
RT: 6.42 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion: 107 Resp: 497181
Ion Ratio Lower Upper
107 100
108 91.9 71.0 111.0
77 35.6 90.5 130.5#
79 28.2 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.43 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 654443

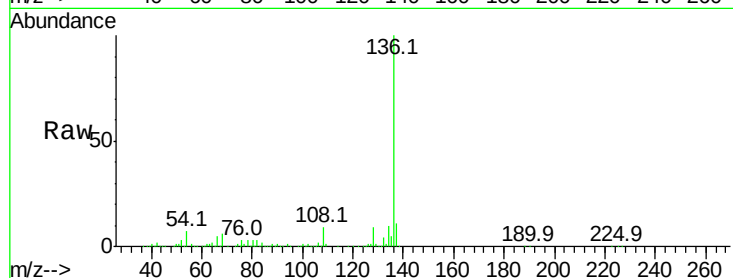
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.1 4.9 7.3

68 5.9 4.1 6.1

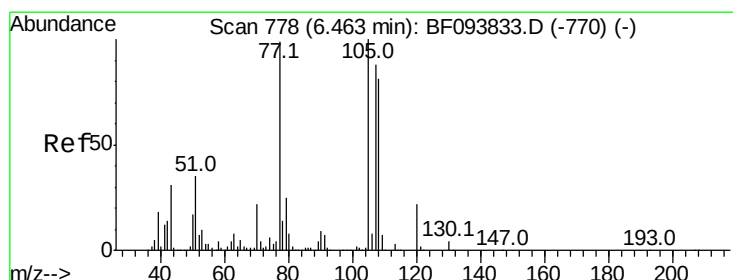
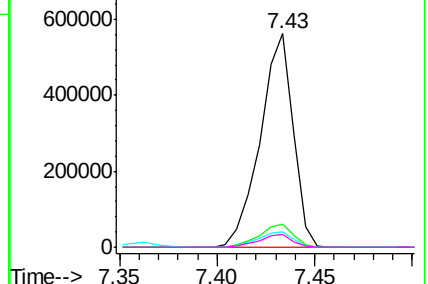
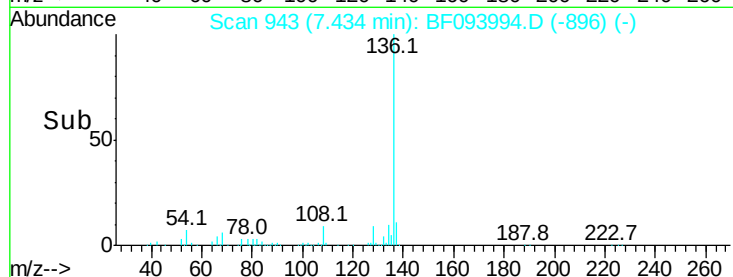


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.82 ng

RT: 6.40 min Scan# 767

Delta R.T. -0.03 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Tgt Ion:105 Resp: 668359

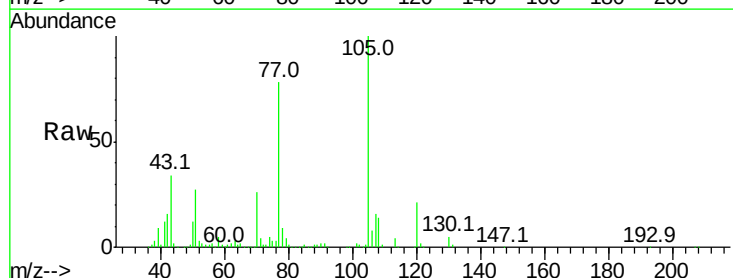
Ion Ratio Lower Upper

105 100

71 4.3 2.8 4.2#

51 27.0 30.7 46.1#

120 21.5 17.4 26.0

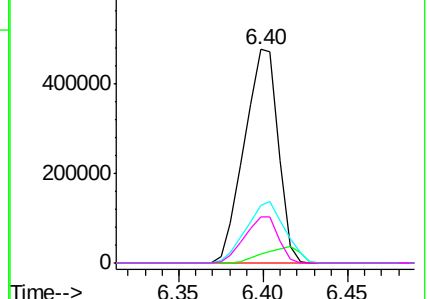
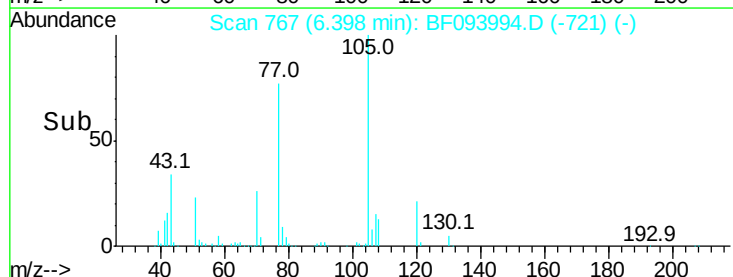


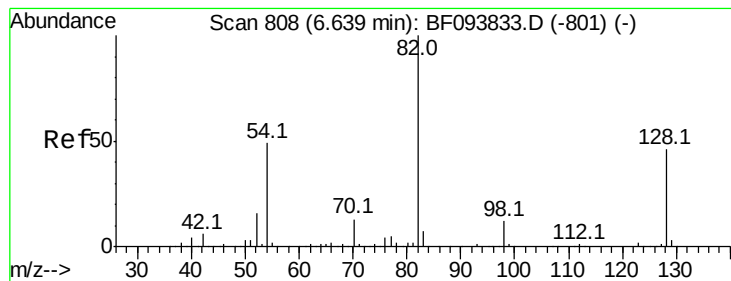
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 84.24 ng

RT: 6.58 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampled :

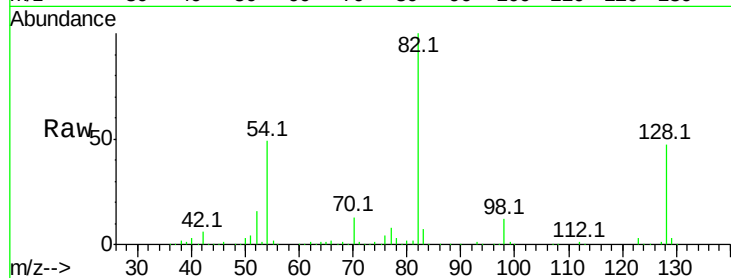
Tot Ion: 82 Resp: 966000

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

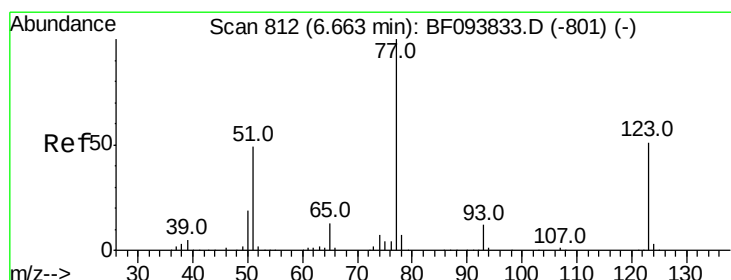
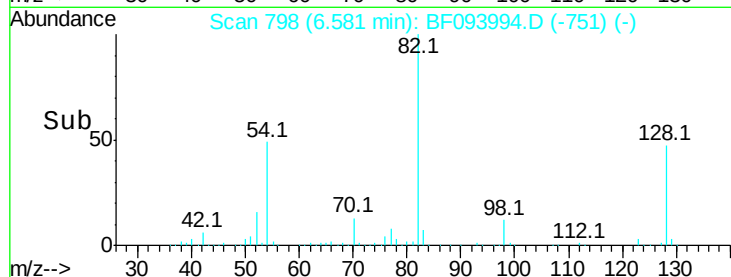
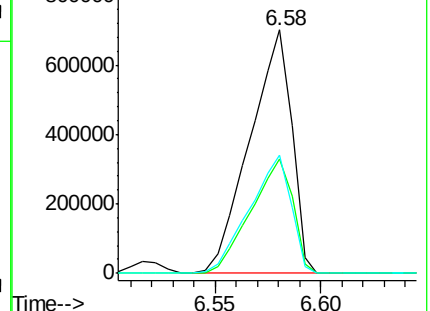
54 48.5 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.40 ng

RT: 6.60 min Scan# 801

Delta R.T. -0.03 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

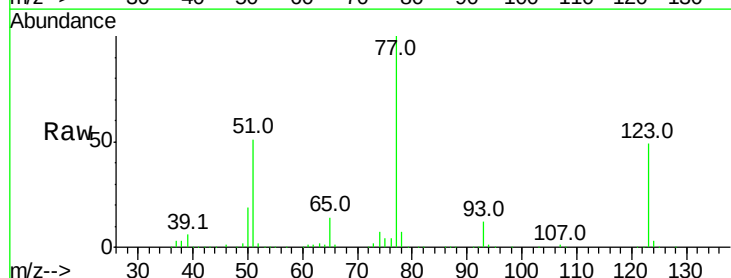
Tgt Ion: 77 Resp: 490842

Ion Ratio Lower Upper

77 100

123 49.4 35.8 53.8

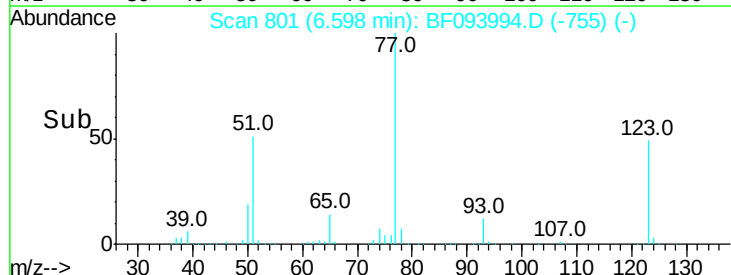
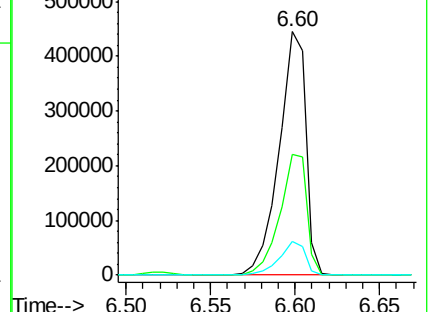
65 13.7 10.6 15.8

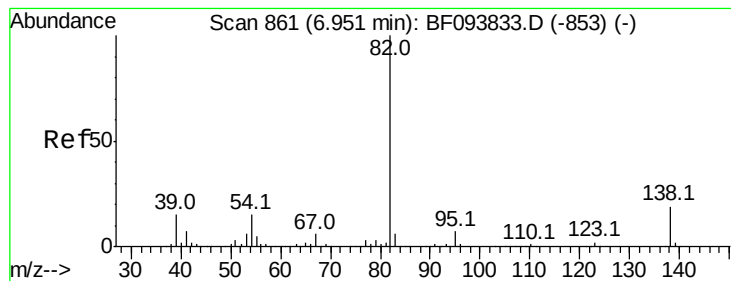


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.17 ng

RT: 6.89 min Scan# 850

Delta R.T. -0.03 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampleId :

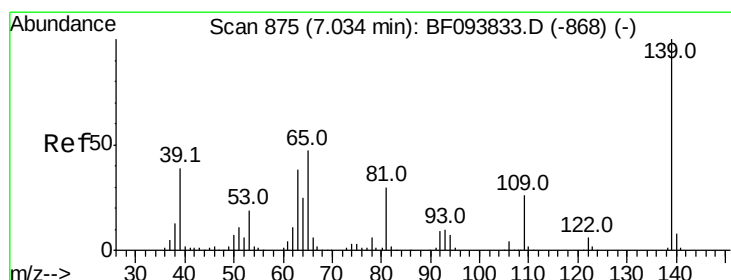
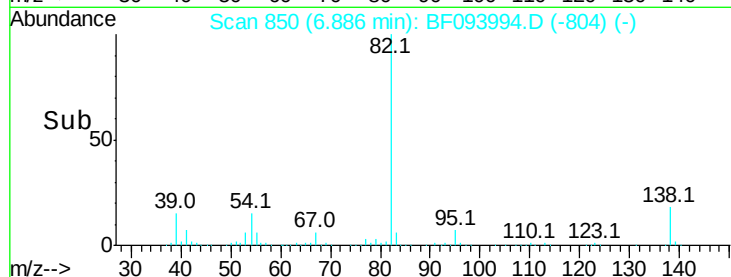
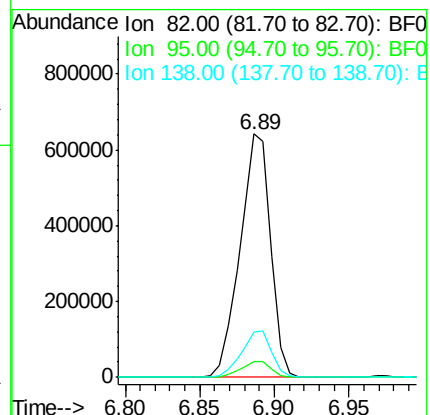
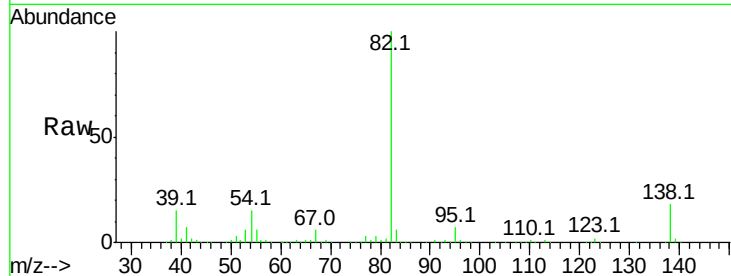
Tot Ion: 82 Resp: 910104

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 18.4 13.1 19.7



#26

2-Nitrophenol

Concen: 50.71 ng

RT: 6.97 min Scan# 865

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

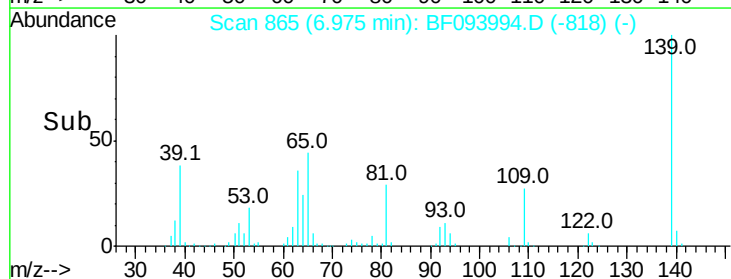
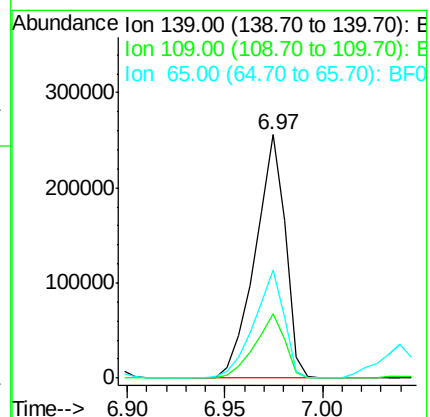
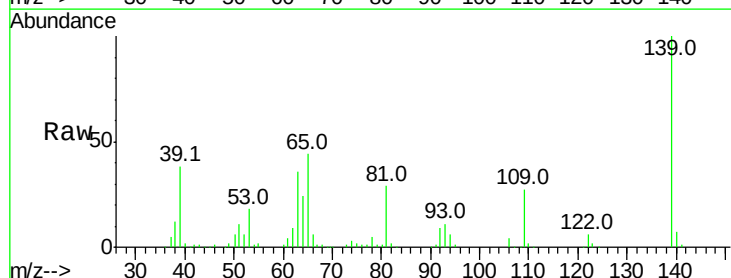
Tgt Ion:139 Resp: 273532

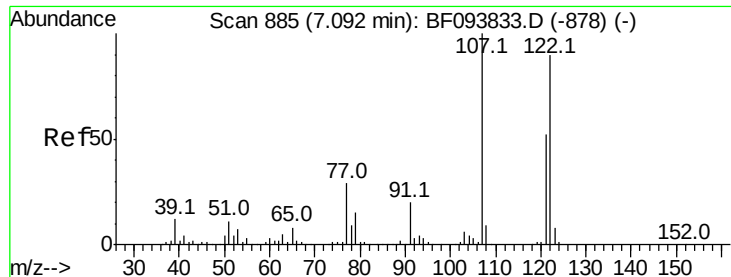
Ion Ratio Lower Upper

139 100

109 26.6 21.0 31.6

65 44.4 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 48.32 ng

RT: 7.04 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampled :

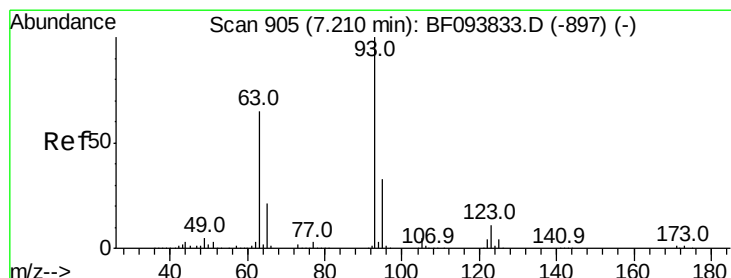
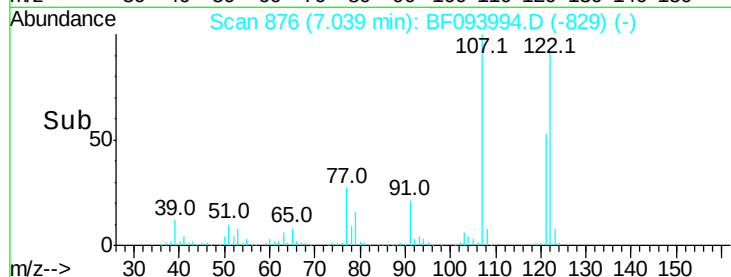
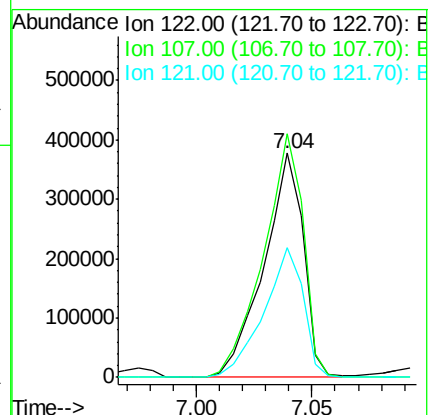
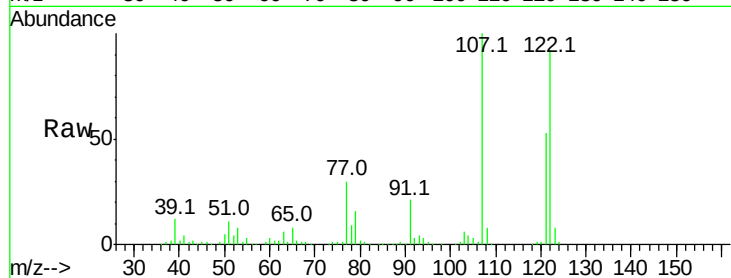
Tot Ion:122 Resp: 449048

Ion Ratio Lower Upper

122 100

107 108.6 89.2 133.8

121 57.9 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 43.92 ng

RT: 7.15 min Scan# 895

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

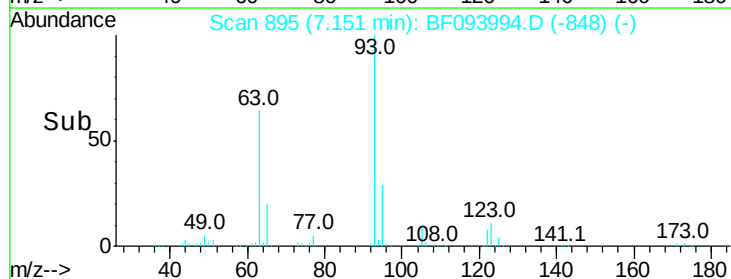
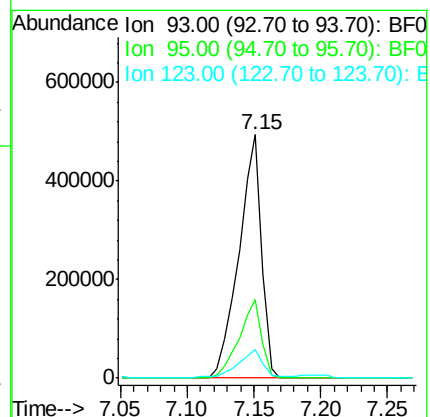
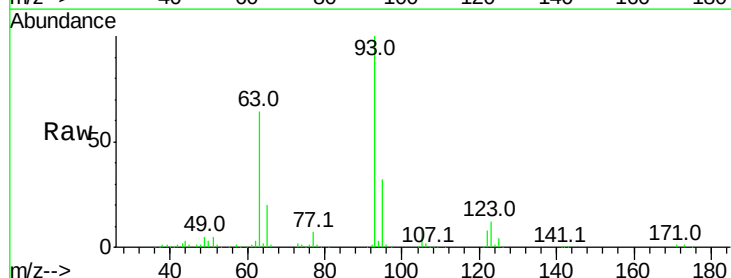
Tgt Ion: 93 Resp: 583641

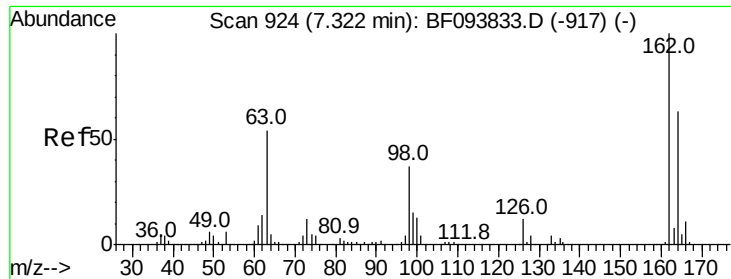
Ion Ratio Lower Upper

93 100

95 32.1 26.5 39.7

123 11.7 9.0 13.4

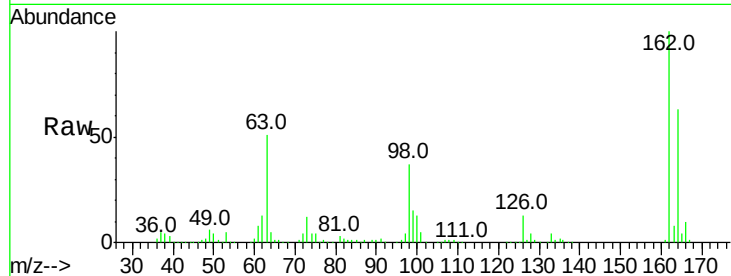




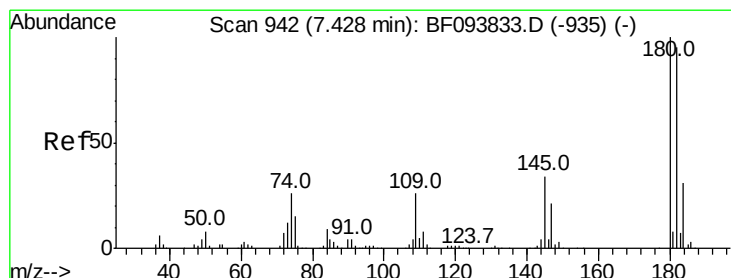
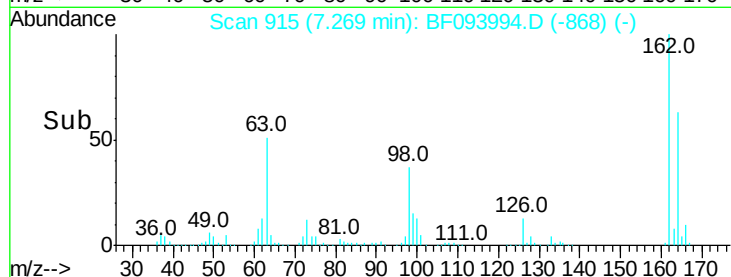
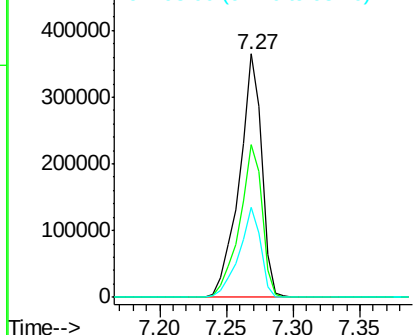
#29
 2,4-Dichlorophenol
 Concen: 48.79 ng
 RT: 7.27 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	44.6	84.6
98	36.9	14.8	54.8

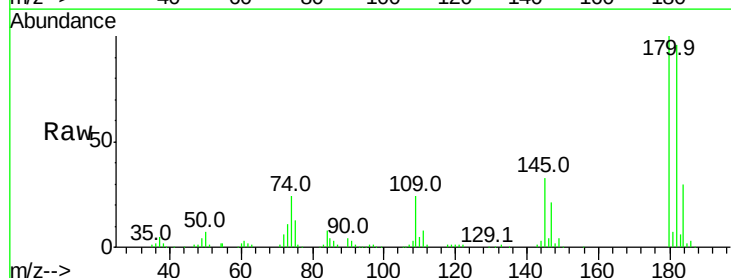


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

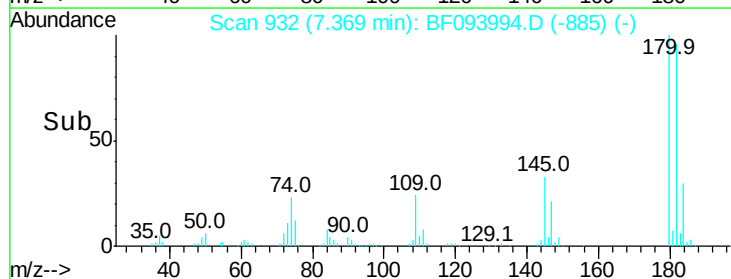
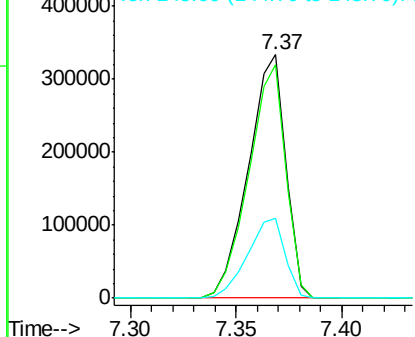


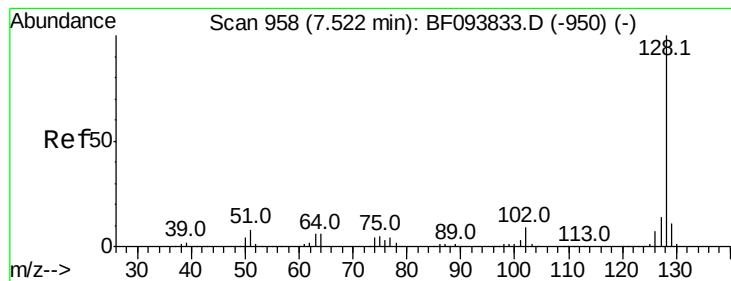
#30
 1,2,4-Trichlorobenzene
 Concen: 45.80 ng
 RT: 7.37 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.8	113.6
145	32.8	25.3	37.9



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





#31

Naphthalene

Concen: 43.53 ng

RT: 7.46 min Scan# 947

Delta R.T. -0.03 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampleId :

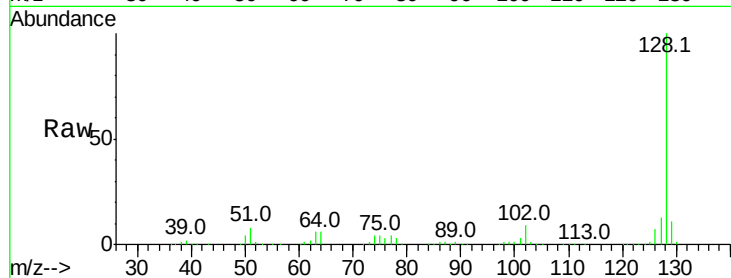
Tot Ion:128 Resp: 1369768

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

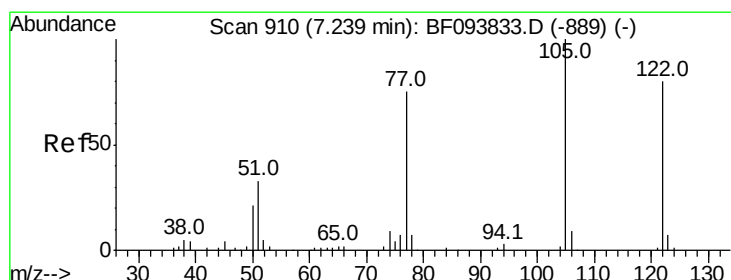
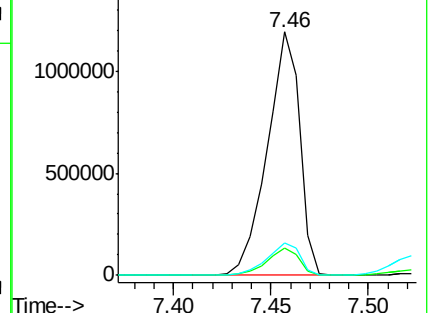
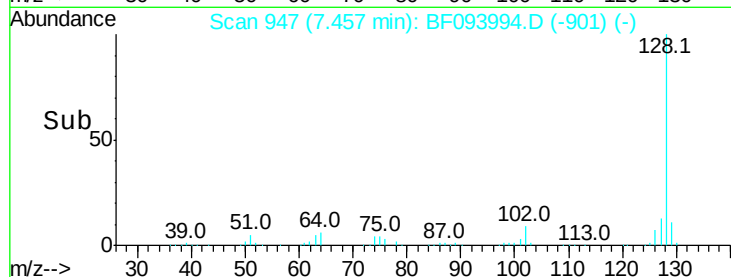
127 13.3 10.8 16.2



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: 50.57 ng

RT: 7.20 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

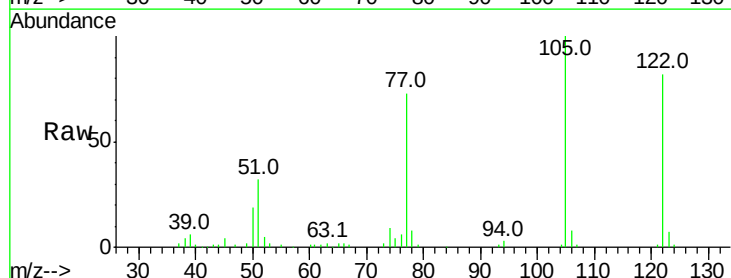
Tgt Ion:122 Resp: 312883

Ion Ratio Lower Upper

122 100

105 122.4 103.3 143.3

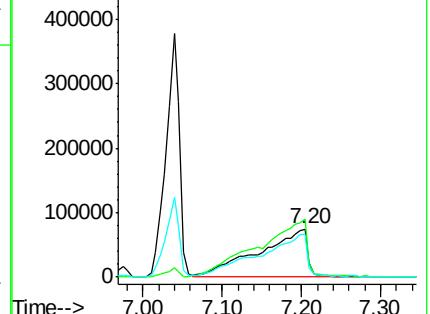
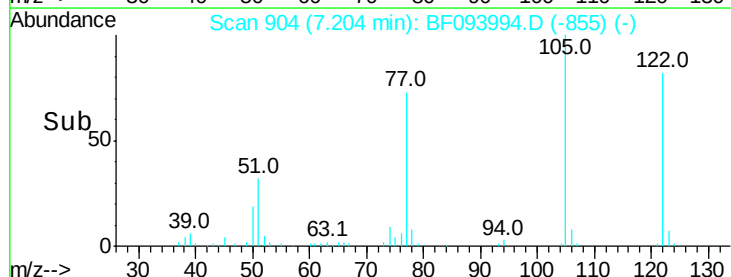
77 89.0 73.7 113.7

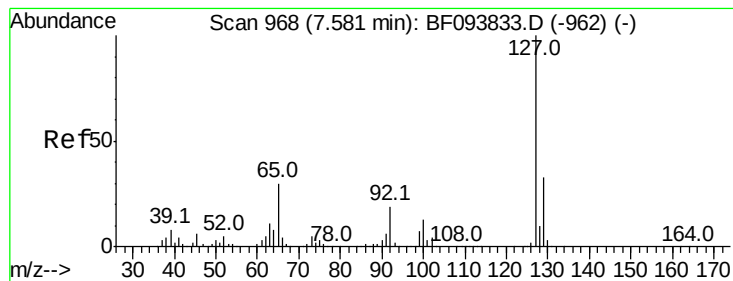


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 11.60 ng

RT: 7.52 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF093994.D

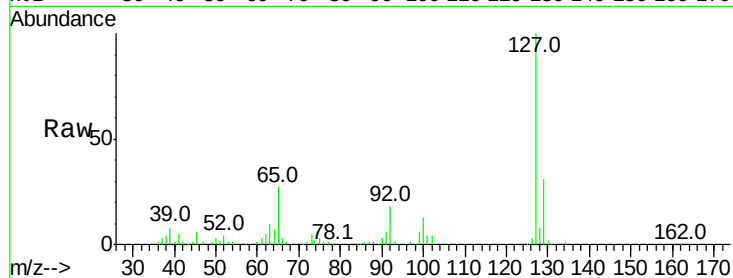
Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampled :

Tot Ion:	127	Resp:	147940
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.2	39.2
65	26.5	27.8	41.8#
92	18.0	16.8	25.2

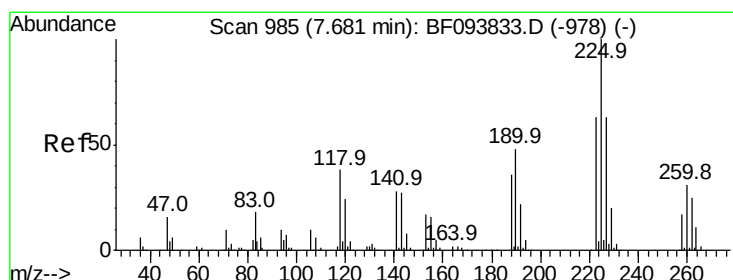
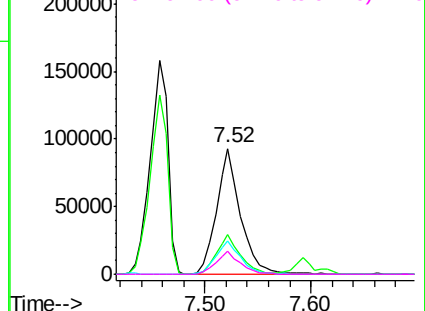
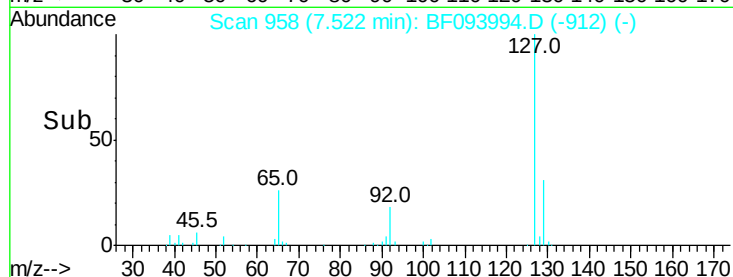


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 45.19 ng

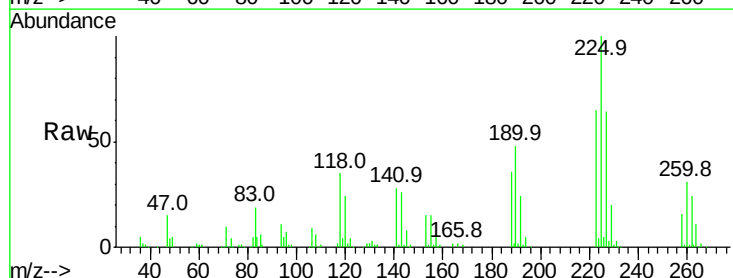
RT: 7.62 min Scan# 974

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

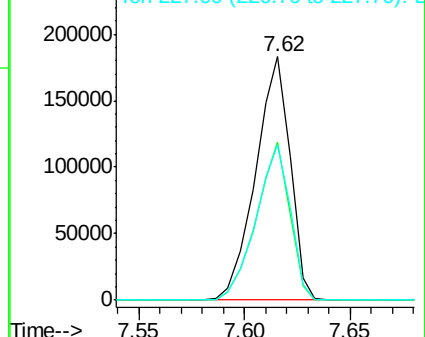
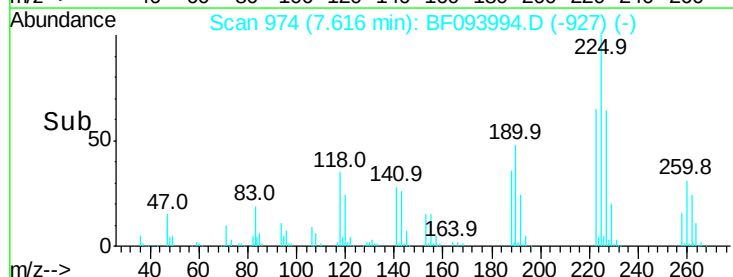
Tgt Ion:	225	Resp:	207409
Ion	Ratio	Lower	Upper
225	100		
223	64.7	48.8	73.2
227	63.8	51.1	76.7

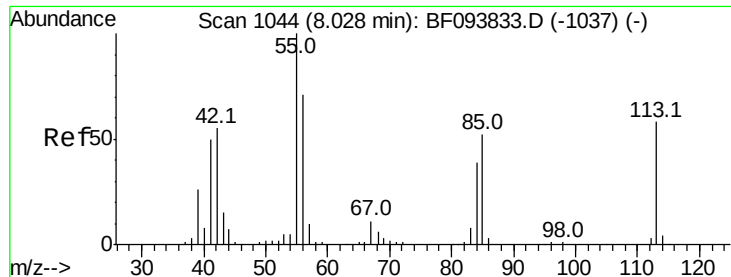


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

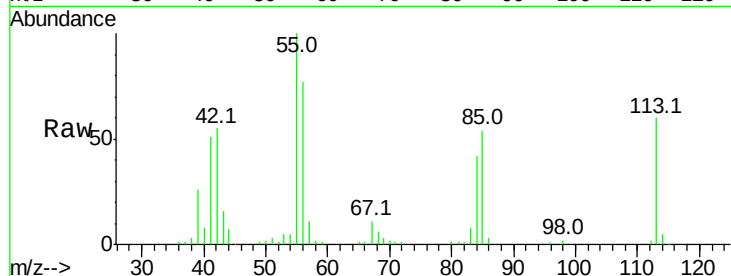




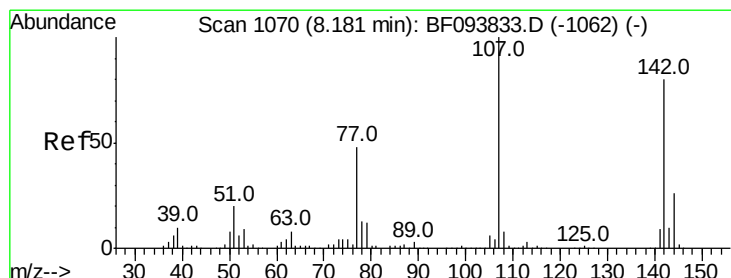
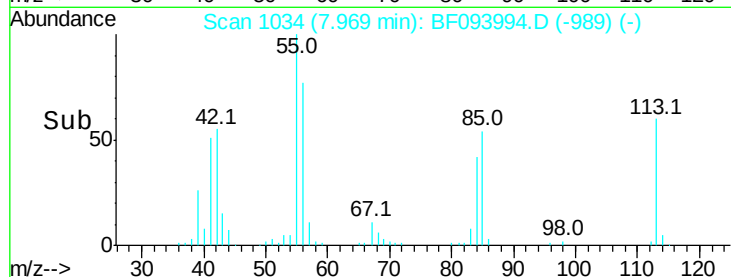
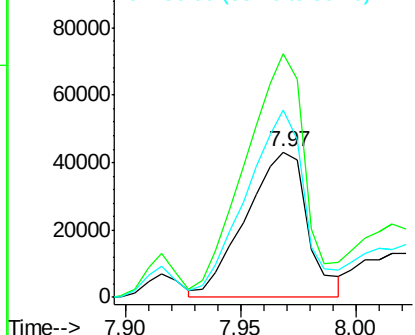
#35
 Caprolactam
 Concen: 28.97 ng
 RT: 7.97 min Scan# 1034
 Delta R.T. -0.04 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 80288
 Ion Ratio Lower Upper
 113 100
 55 167.6 150.2 190.2
 56 128.5 107.8 147.8

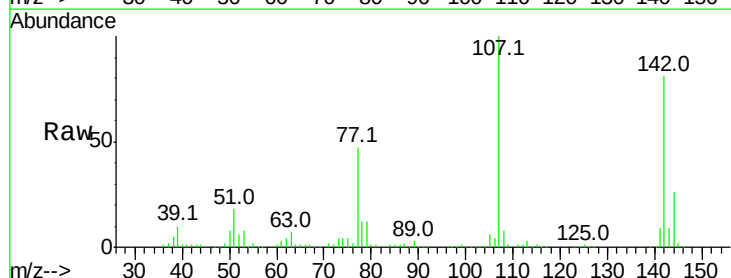


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

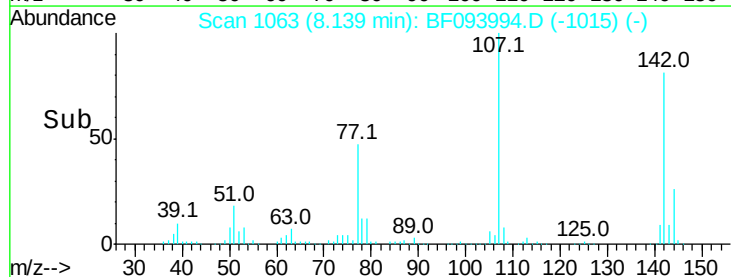
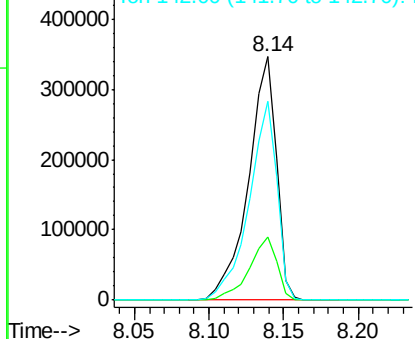


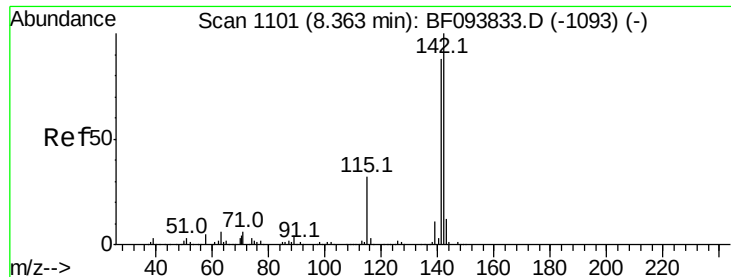
#36
 4-Chloro-3-methylphenol
 Concen: 49.43 ng
 RT: 8.14 min Scan# 1063
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion:107 Resp: 448849
 Ion Ratio Lower Upper
 107 100
 144 25.9 24.2 36.4
 142 81.4 73.4 110.0



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





#37

2-Methylnaphthalene

Concen: 46.36 ng

RT: 8.30 min Scan# 1091

Delta R.T. -0.02 min

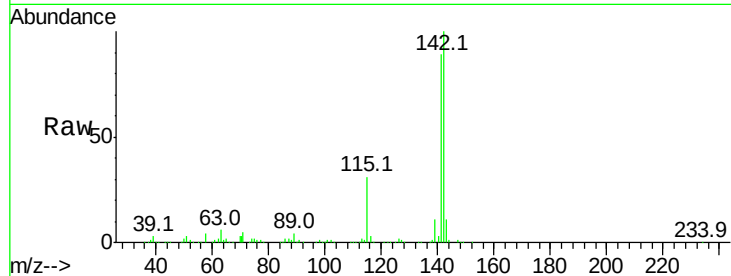
Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 972593

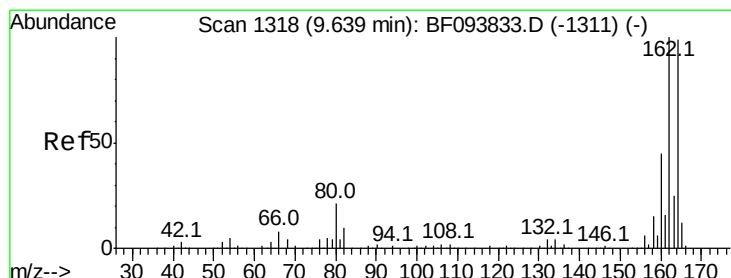
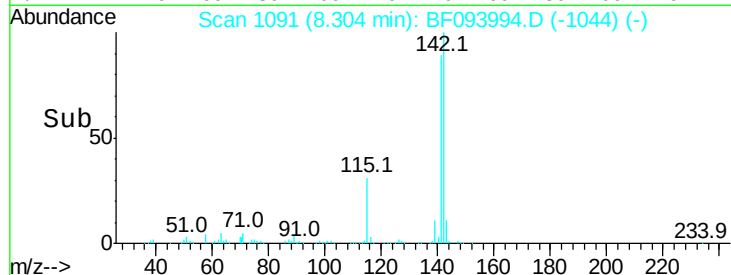
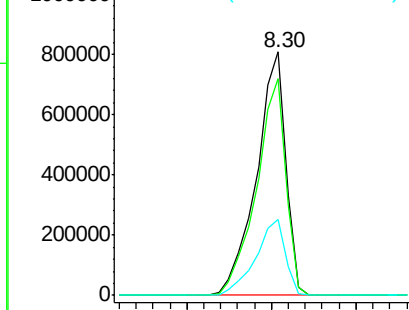
Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	31.3	27.1	40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 1307

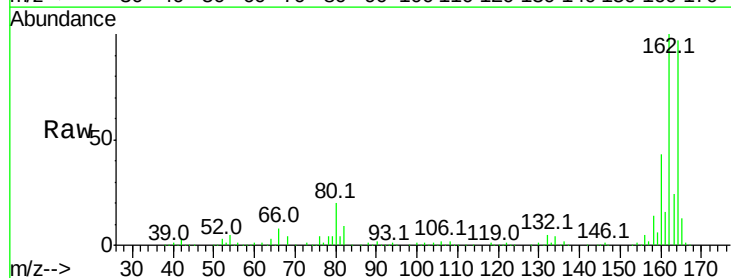
Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Tgt Ion:164 Resp: 305867

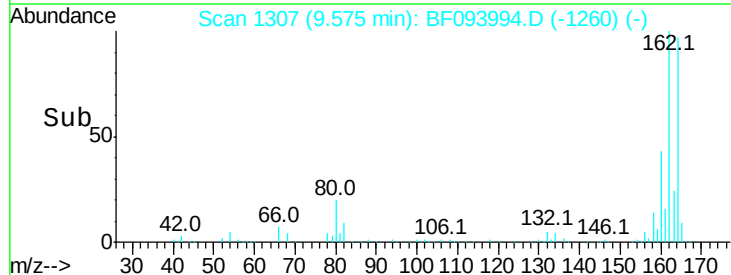
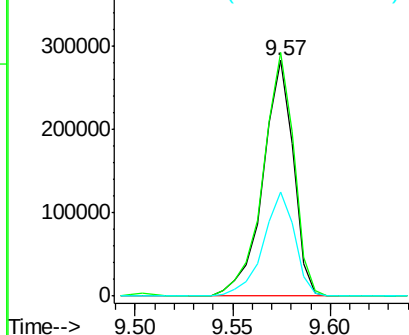
Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	44.4	36.2	54.2

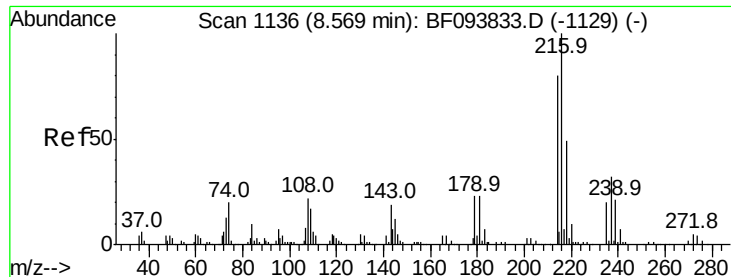


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

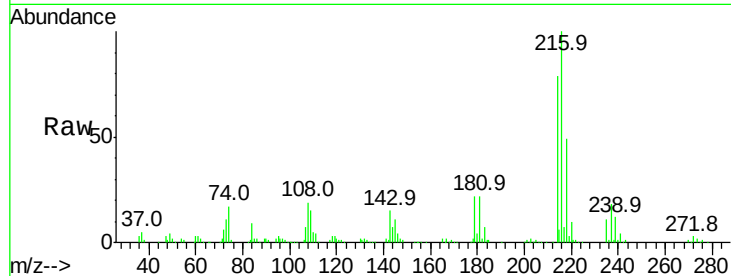




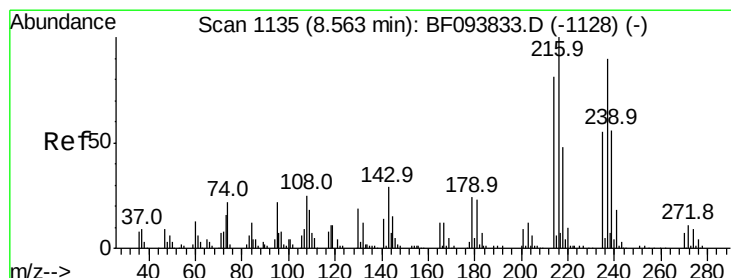
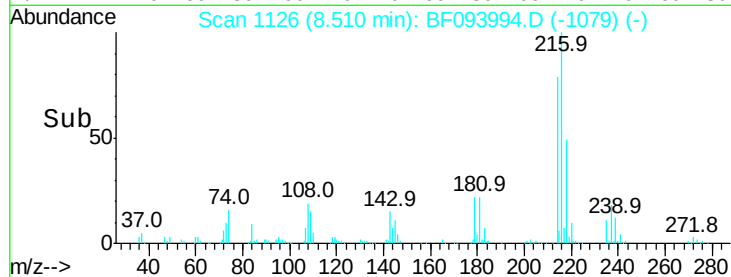
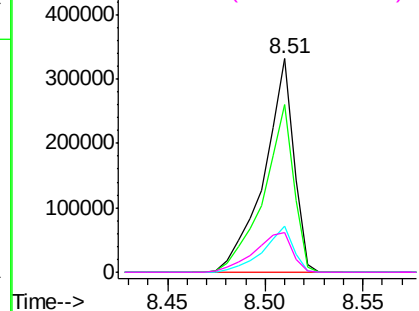
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.85 ng
 RT: 8.51 min Scan# 1126
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	350202
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.2
179	22.1	17.9	26.9
108	23.4	16.5	24.7

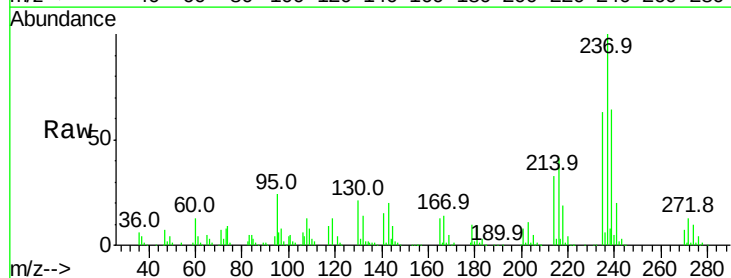


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

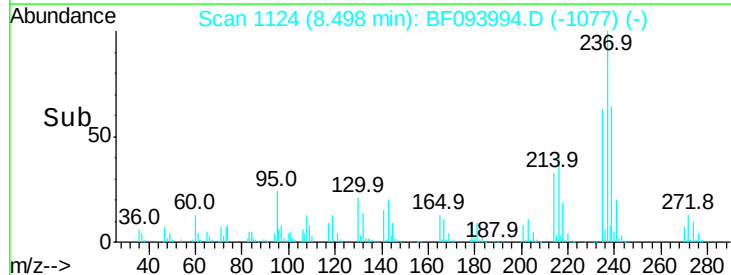
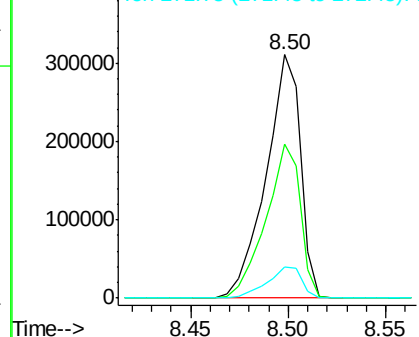


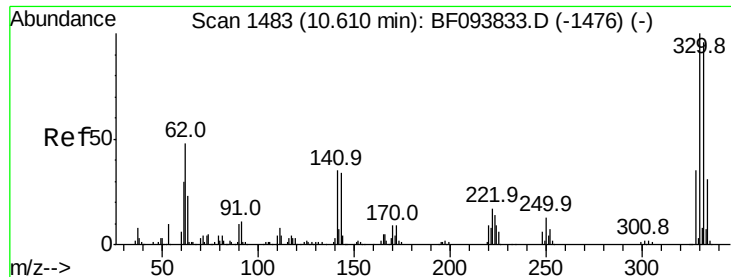
#40
 Hexachlorocyclopentadiene
 Concen: 96.90 ng
 RT: 8.50 min Scan# 1124
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion:	237	Resp:	379414
Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.6	82.6
272	12.6	0.0	31.9



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

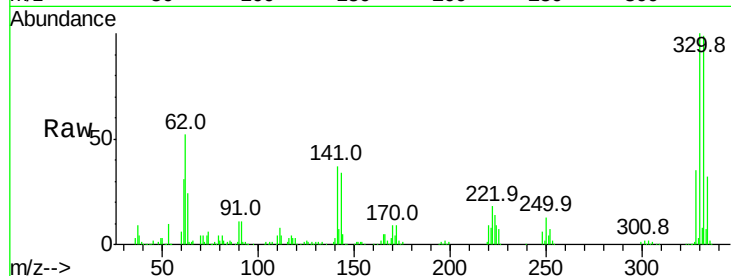




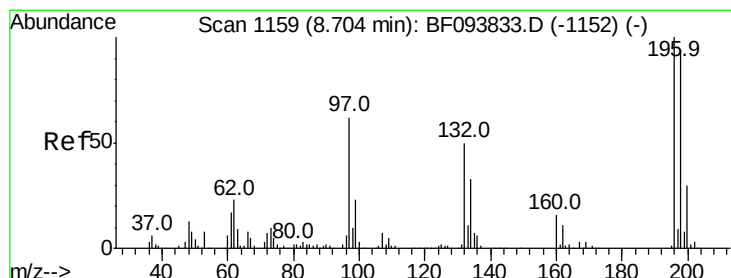
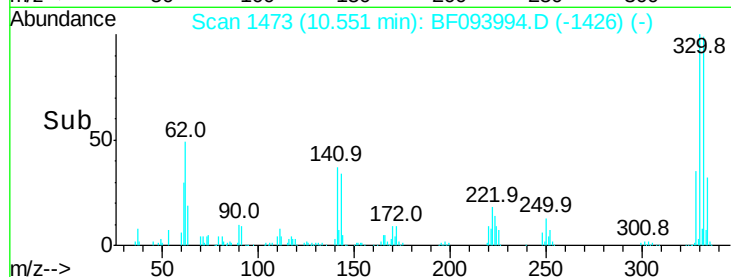
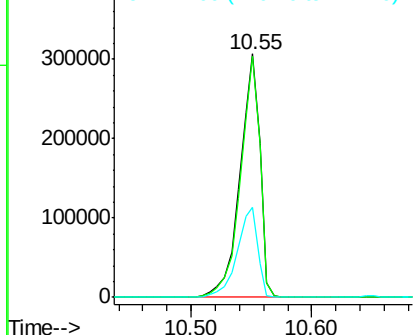
#41
 2,4,6-Tribromophenol
 Concen: 145.48 ng
 RT: 10.55 min Scan# 1473
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 351623
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 38.5 31.4 47.2

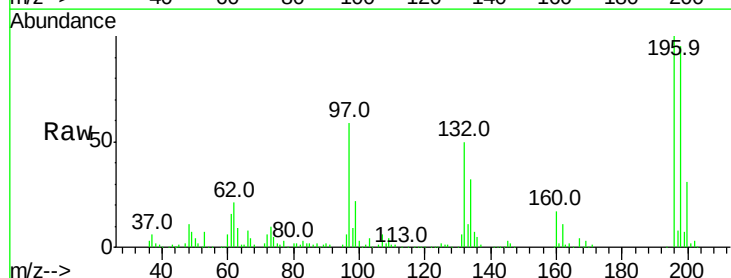


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

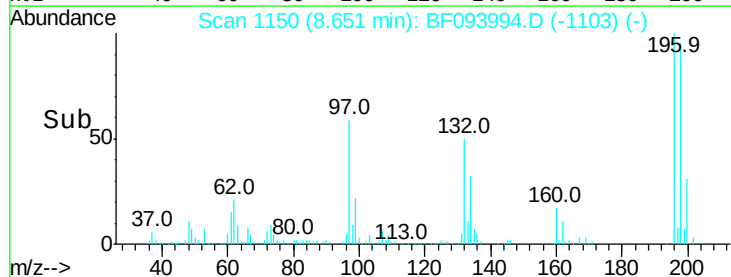
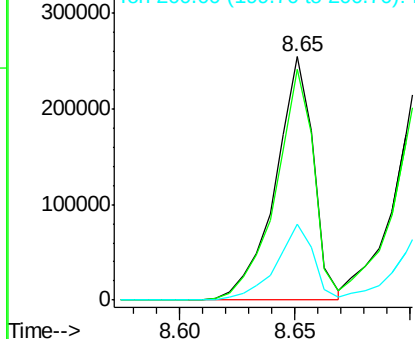


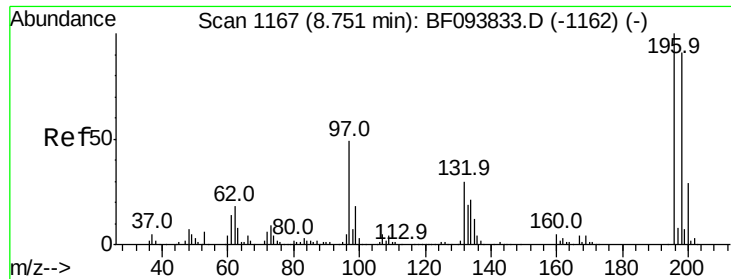
#42
 2,4,6-Trichlorophenol
 Concen: 49.13 ng
 RT: 8.65 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion:196 Resp: 290834
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.2 111.4
 200 31.4 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

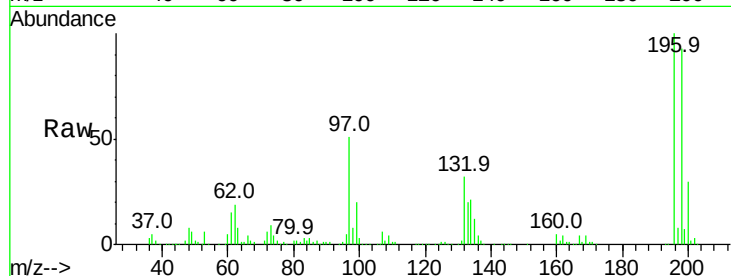




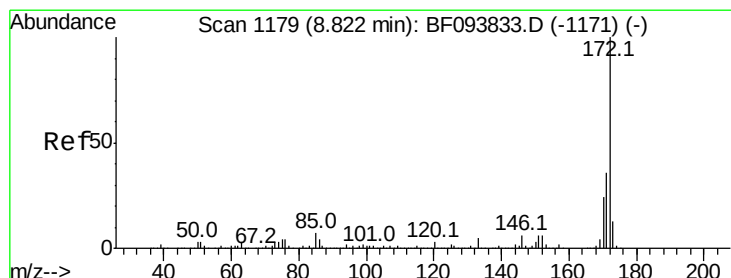
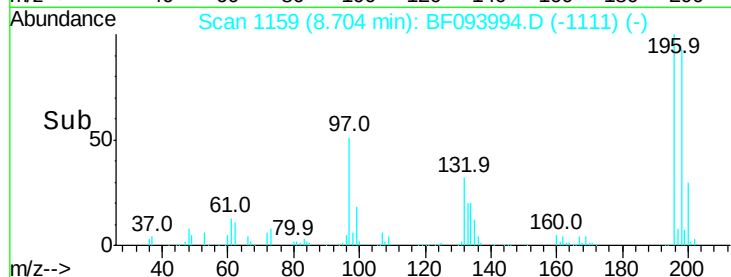
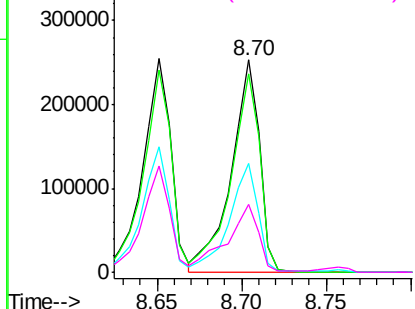
#43
 2,4,5-Trichlorophenol
 Concen: 46.09 ng
 RT: 8.70 min Scan# 1159
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 295208
 Ion Ratio Lower Upper
 196 100
 198 93.3 75.7 113.5
 97 51.1 47.7 71.5
 132 31.9 28.0 42.0

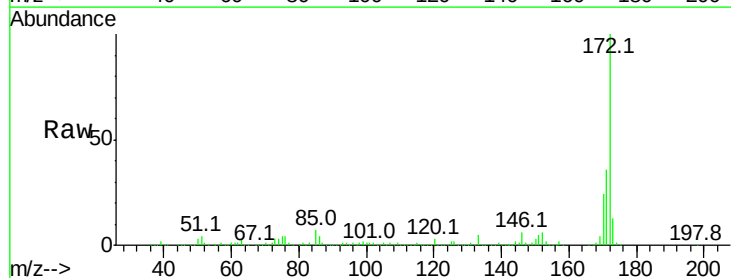


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

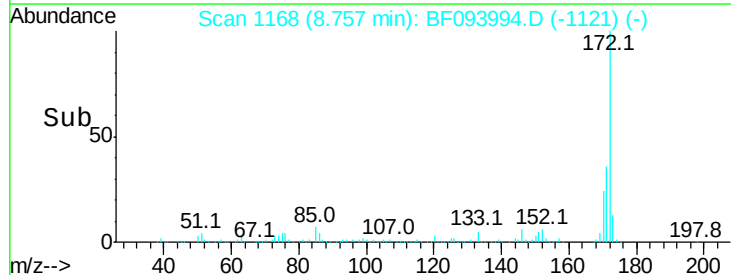
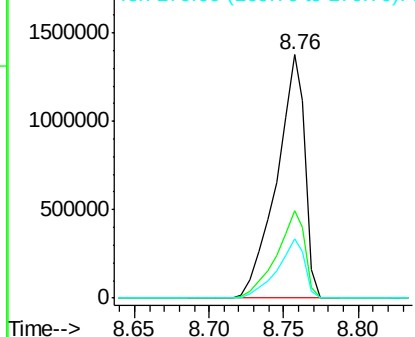


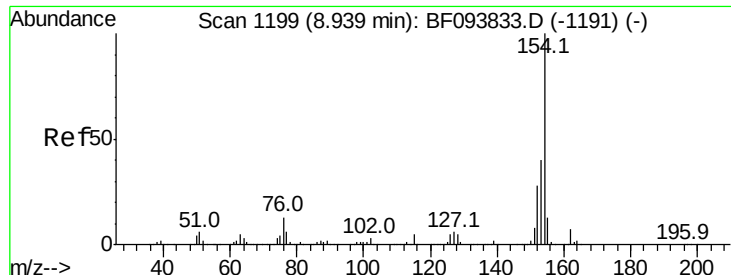
#44
 2-Fluorobiphenyl
 Concen: 90.88 ng
 RT: 8.76 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion:172 Resp: 1822532
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.1 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

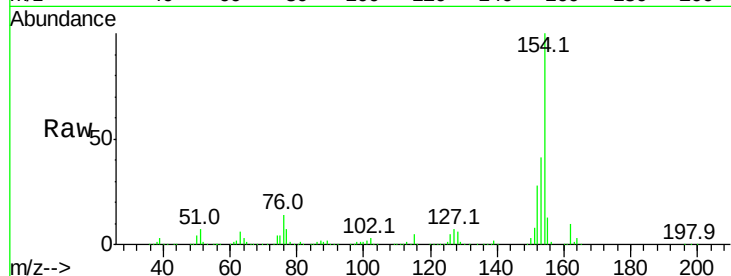




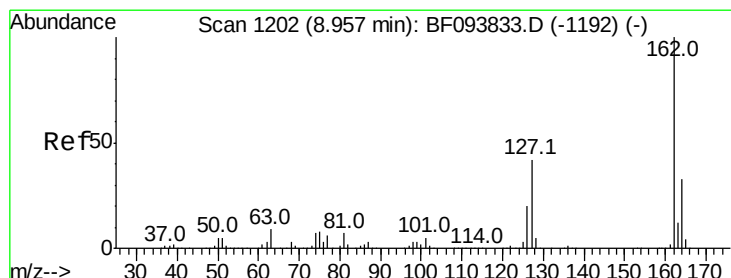
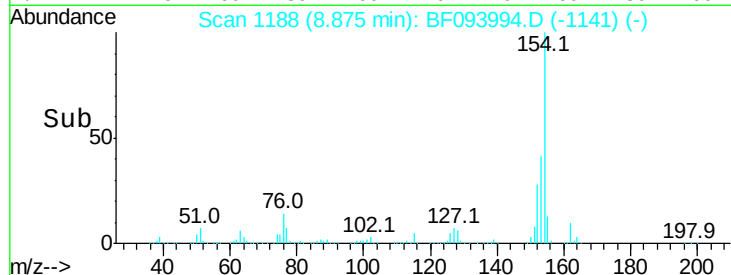
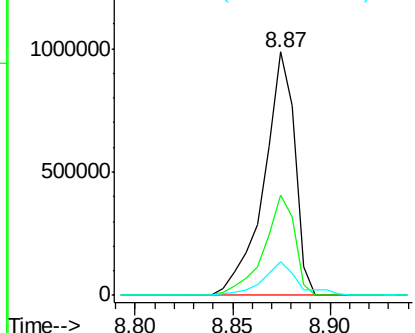
#45
 1,1'-Biphenyl
 Concen: 43.84 ng
 RT: 8.87 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1081506
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.2 61.2
 76 13.6 0.0 29.9

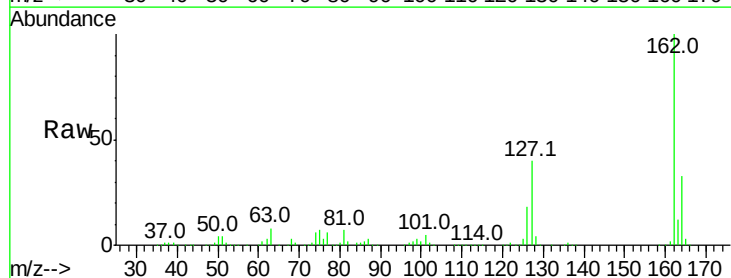


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

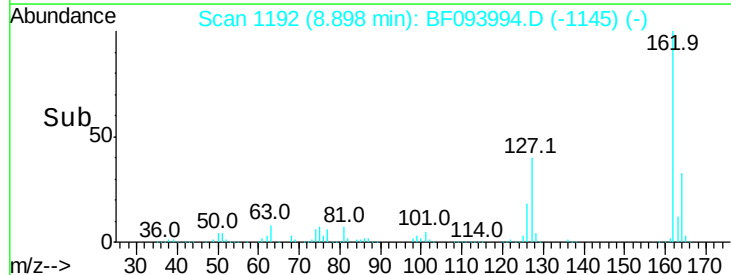
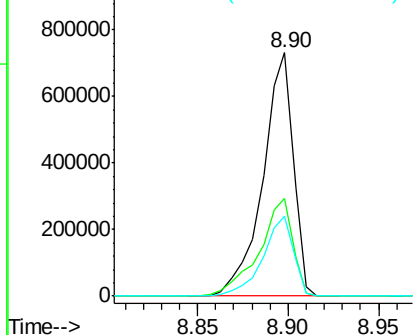


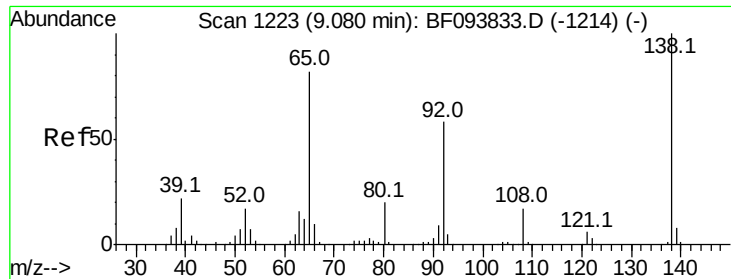
#46
 2-Chloronaphthalene
 Concen: 44.31 ng
 RT: 8.90 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion:162 Resp: 855634
 Ion Ratio Lower Upper
 162 100
 127 40.2 28.3 42.5
 164 33.0 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

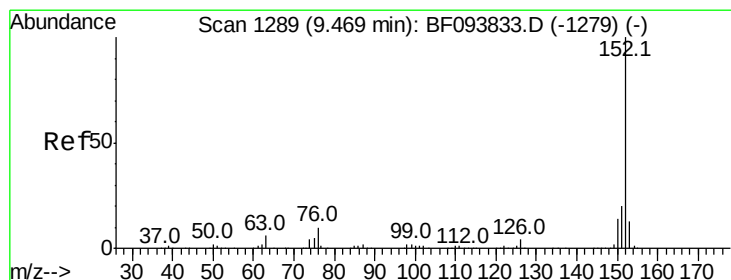
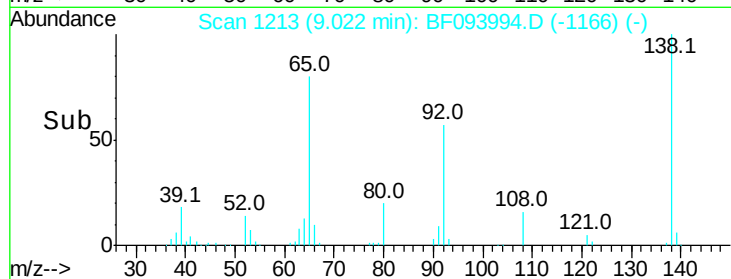
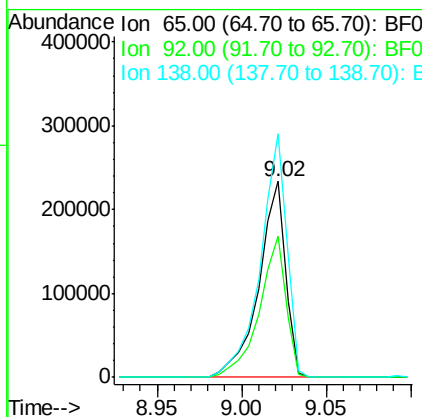
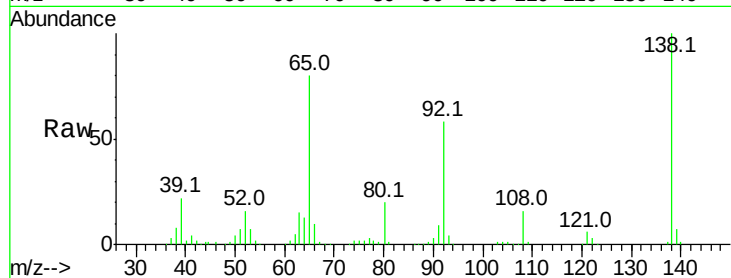




#47
 2-Nitroaniline
 Concen: 45.01 ng
 RT: 9.02 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

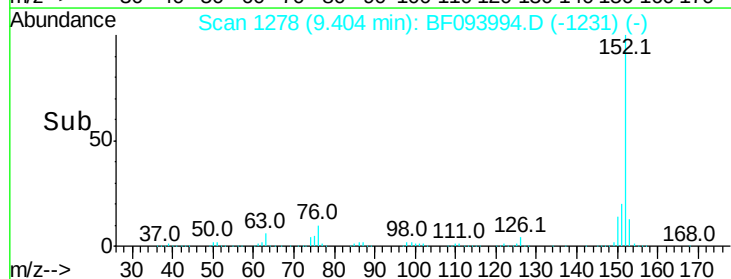
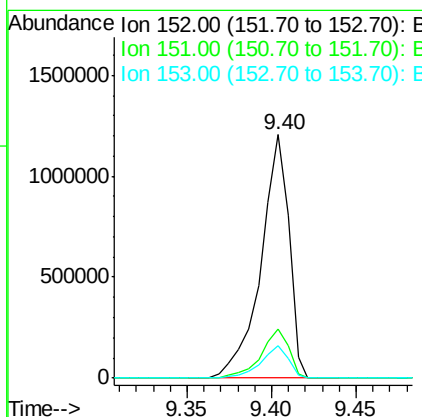
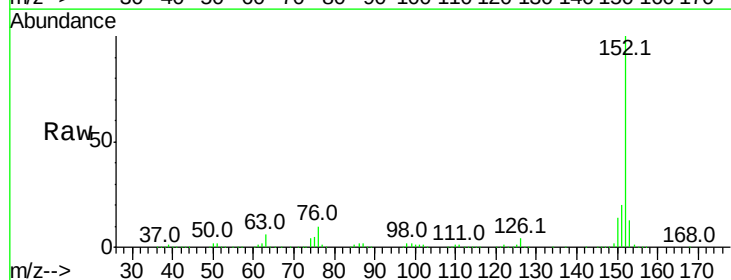
Instrument :
 BNA_F
 ClientSampled :

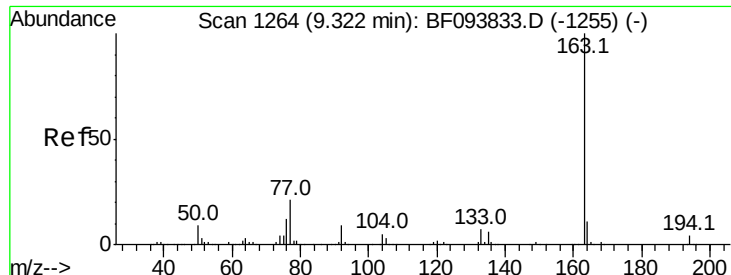
Tot Ion: 65 Resp: 257880
 Ion Ratio Lower Upper
 65 100
 92 72.3 53.9 80.9
 138 124.3 78.8 118.2#



#48
 Acenaphthylene
 Concen: 43.20 ng
 RT: 9.40 min Scan# 1278
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion:152 Resp: 1386609
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.8 25.2
 153 13.2 10.8 16.2

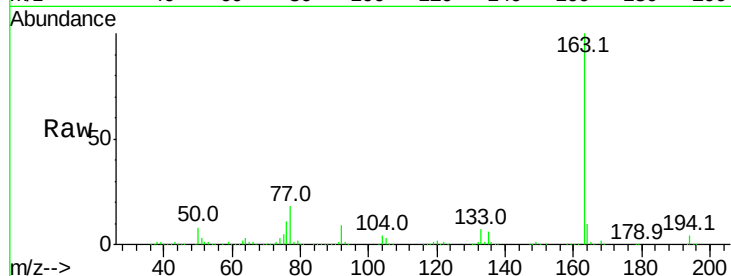




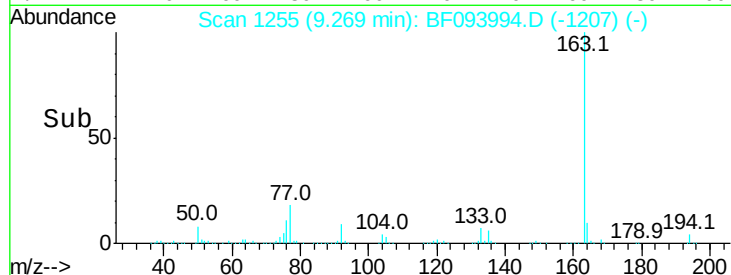
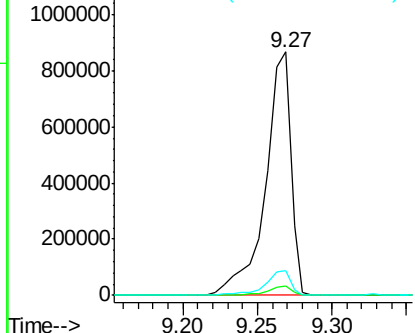
#49
Dimethylphthalate
Concen: 47.32 ng
RT: 9.27 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1028873
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.1 8.4 12.6

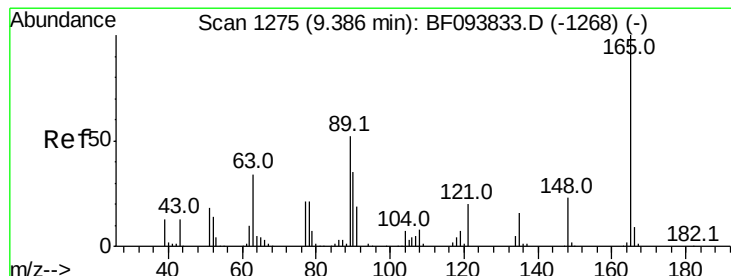


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

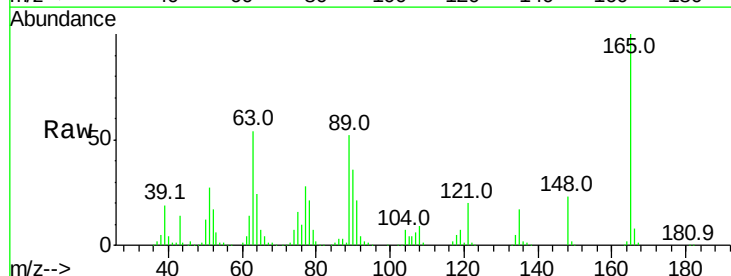
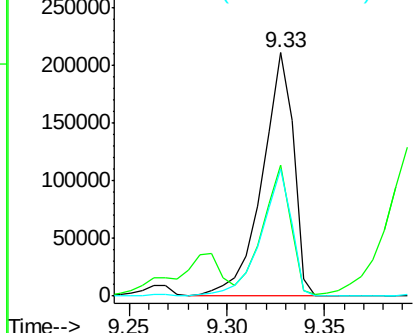


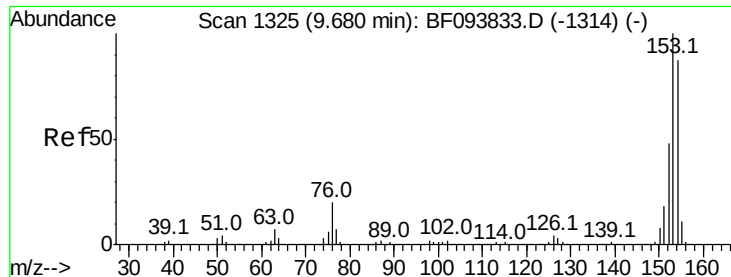
#50
2,6-Dinitrotoluene
Concen: 47.02 ng
RT: 9.33 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion:165 Resp: 234340
Ion Ratio Lower Upper
165 100
63 54.1 34.3 51.5#
89 52.1 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

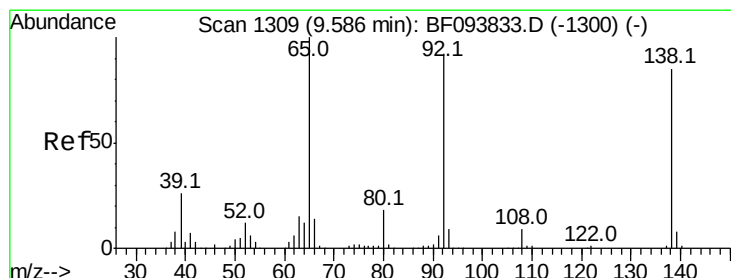
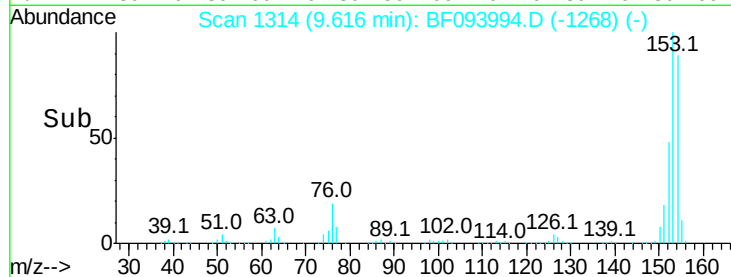
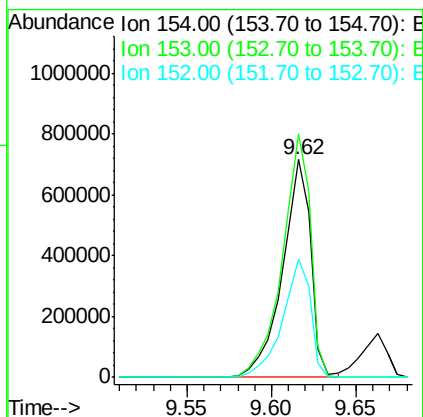
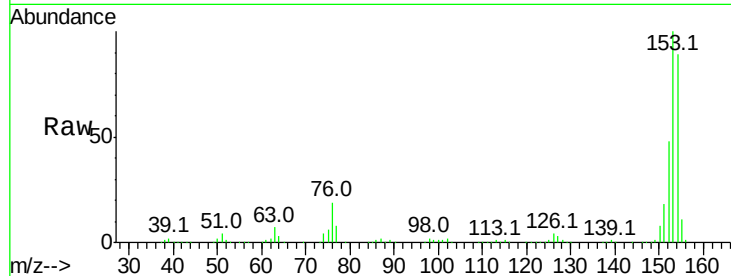




#51
Acenaphthene
Concen: 43.97 ng
RT: 9.62 min Scan# 1314
Delta R.T. -0.03 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

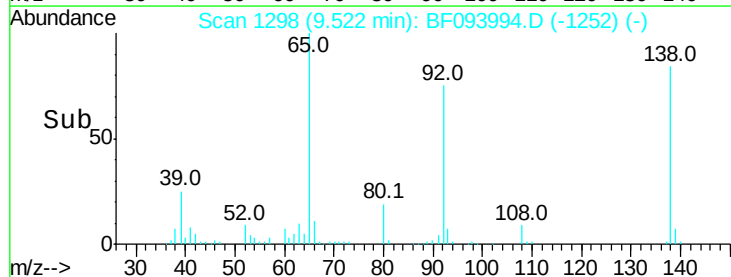
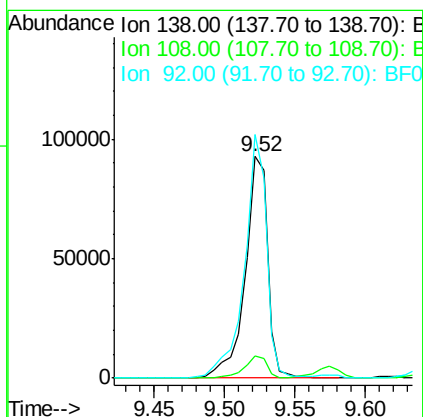
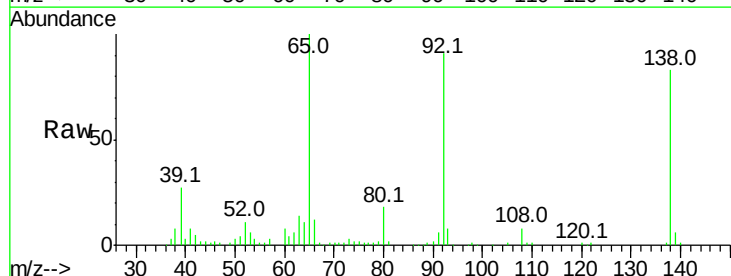
Instrument :
BNA_F
ClientSampled :

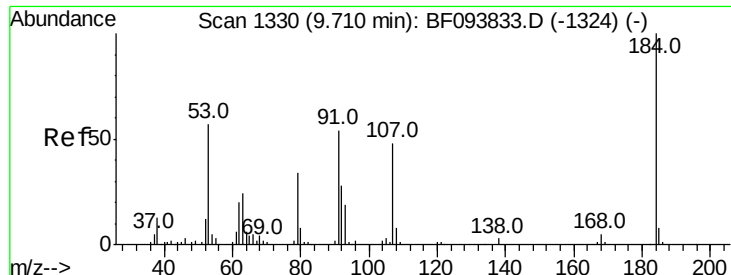
Tot Ion:154 Resp: 823558
Ion Ratio Lower Upper
154 100
153 111.9 90.5 135.7
152 54.1 43.6 65.4



#52
3-Nitroaniline
Concen: 17.73 ng
RT: 9.52 min Scan# 1298
Delta R.T. -0.03 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion:138 Resp: 103779
Ion Ratio Lower Upper
138 100
108 10.1 9.1 13.7
92 110.0 93.8 140.6

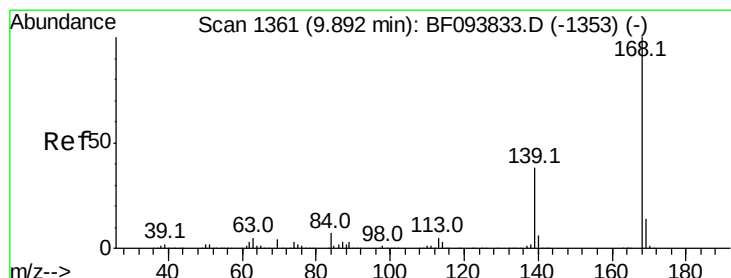
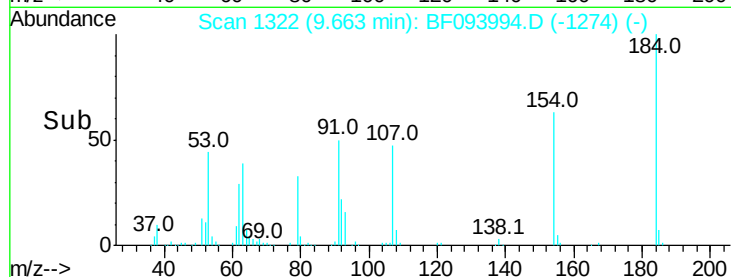
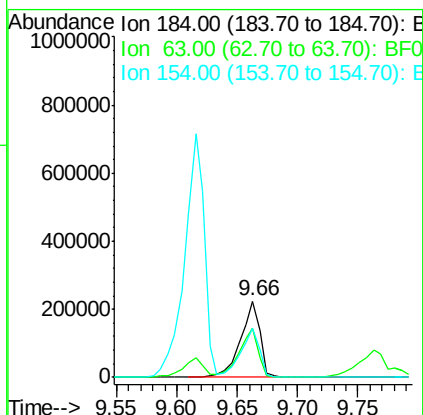
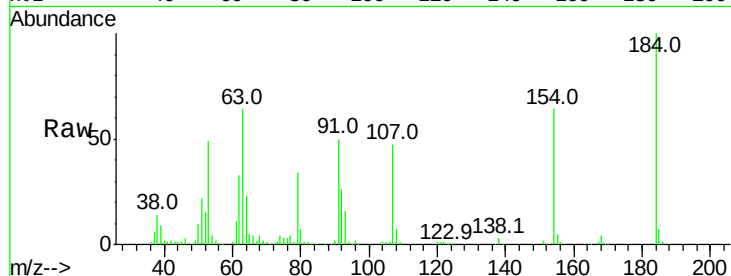




#53
2,4-Dinitrophenol
Concen: 94.21 ng
RT: 9.66 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

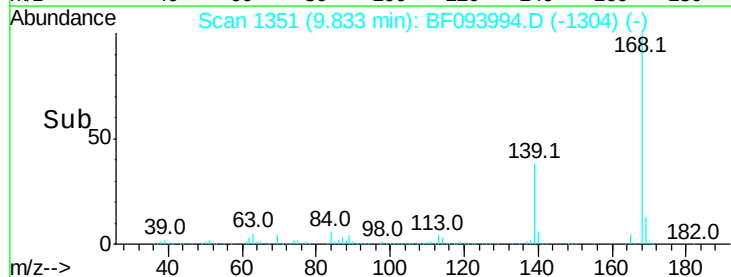
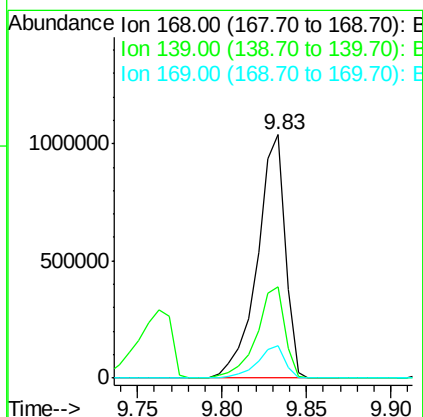
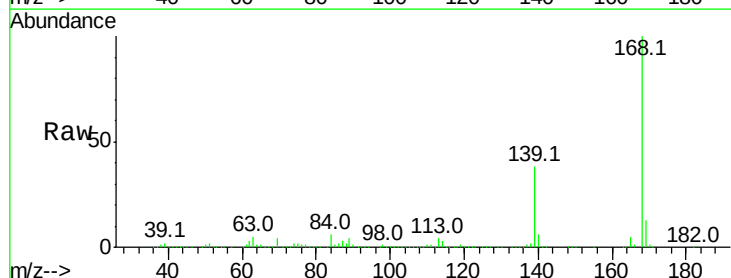
Instrument :
BNA_F
ClientSampleId :

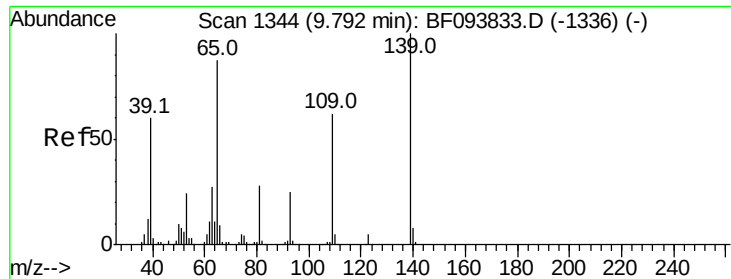
Tot Ion:184 Resp: 253628
Ion Ratio Lower Upper
184 100
63 64.3 62.7 94.1
154 63.9 81.1 121.7#



#54
Dibenzofuran
Concen: 46.72 ng
RT: 9.83 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion:168 Resp: 1191209
Ion Ratio Lower Upper
168 100
139 37.7 30.6 45.8
169 13.3 10.8 16.2





#55

4-Nitrophenol

Concen: 90.94 ng

RT: 9.76 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampled :

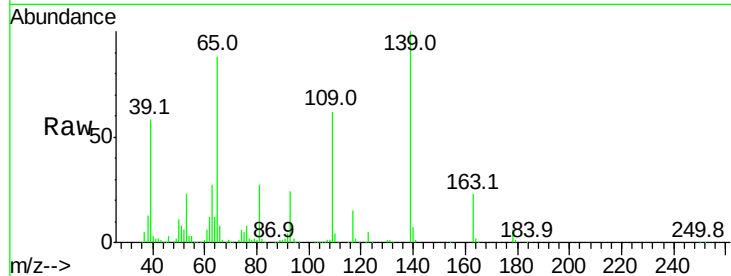
Tot Ion:139 Resp: 416804

Ion Ratio Lower Upper

139 100

109 61.8 34.1 74.1

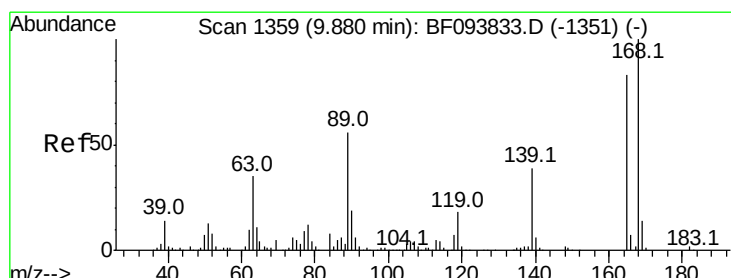
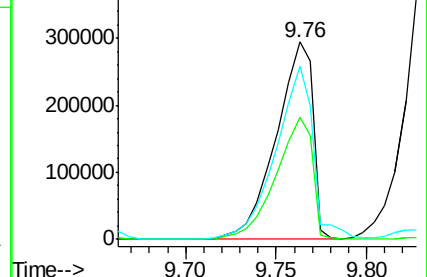
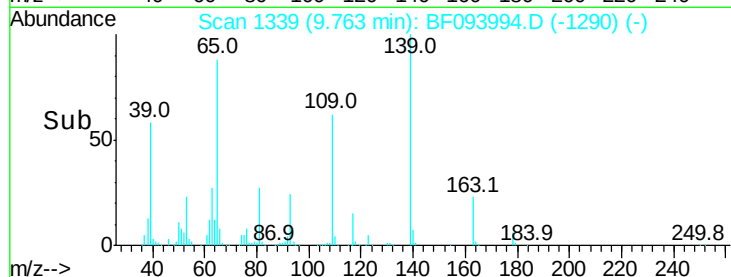
65 88.1 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.25 ng

RT: 9.83 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Tgt Ion:165 Resp: 289541

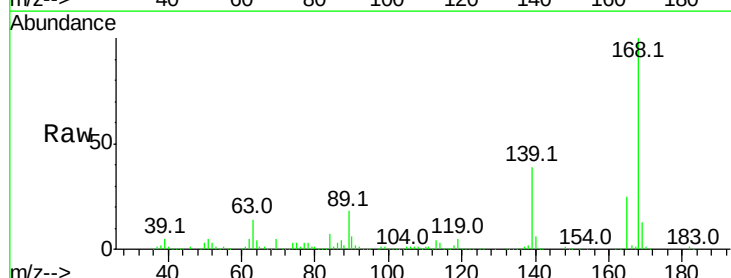
Ion Ratio Lower Upper

165 100

63 55.1 25.4 38.0#

89 72.2 46.4 69.6#

182 2.6 1.8 2.6#

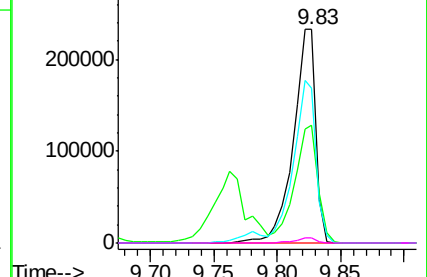
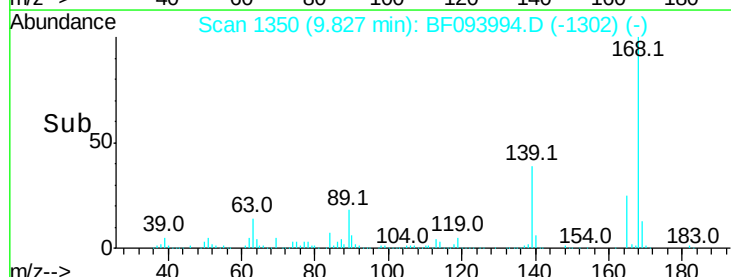


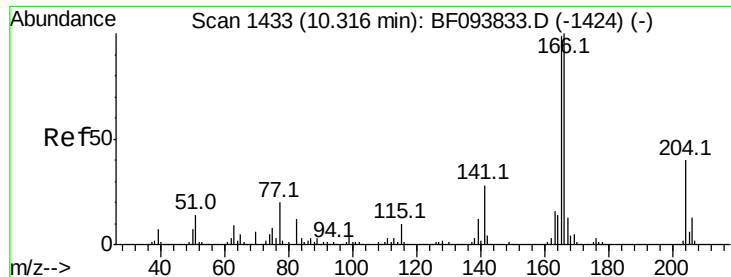
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

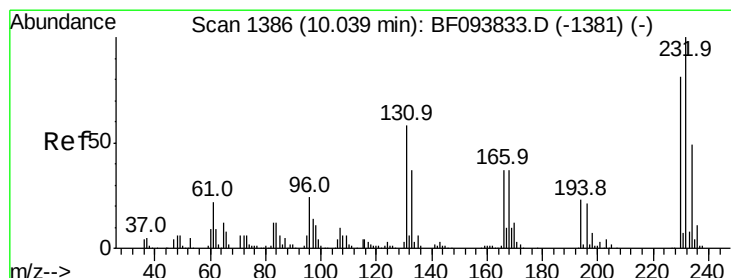
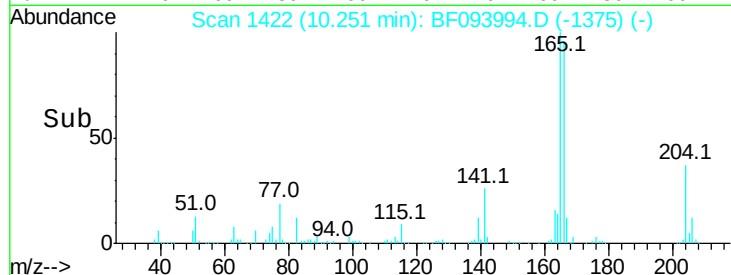
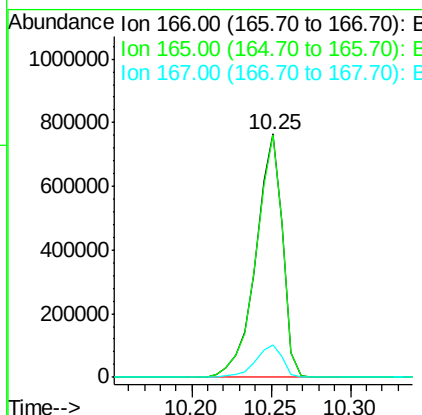
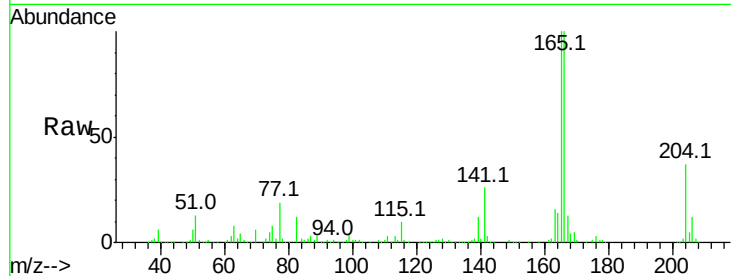




#57
 Fluorene
 Concen: 42.17 ng
 RT: 10.25 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

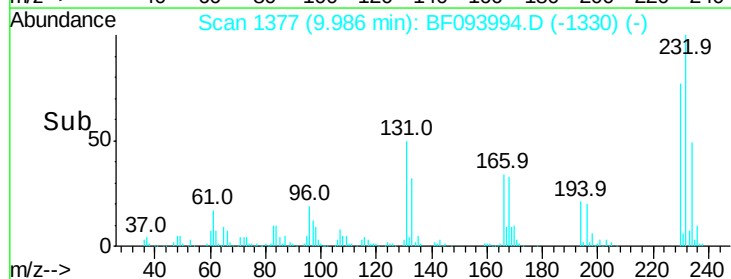
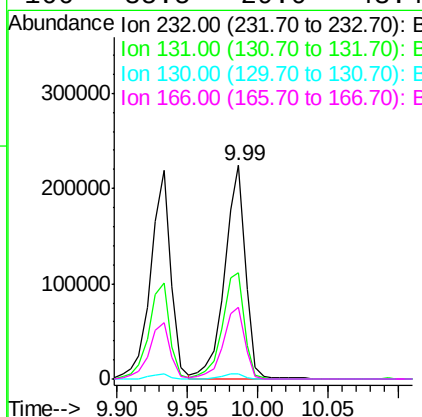
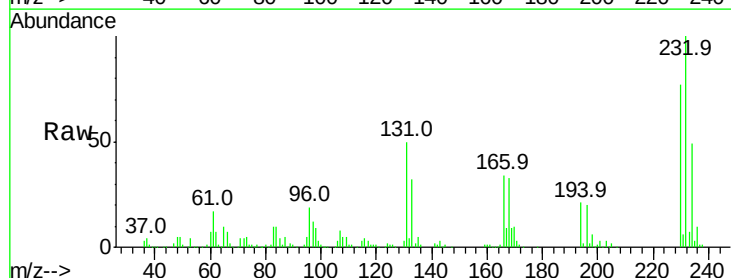
Instrument :
 BNA_F
 ClientSampleId :

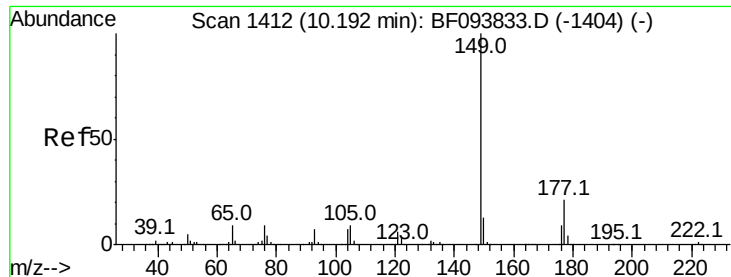
Tot Ion:166 Resp: 891661
 Ion Ratio Lower Upper
 166 100
 165 99.6 78.8 118.2
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.83 ng
 RT: 9.99 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion:232 Resp: 227800
 Ion Ratio Lower Upper
 232 100
 131 53.5 44.8 67.2
 130 2.6 2.3 3.5
 166 35.5 29.0 43.4

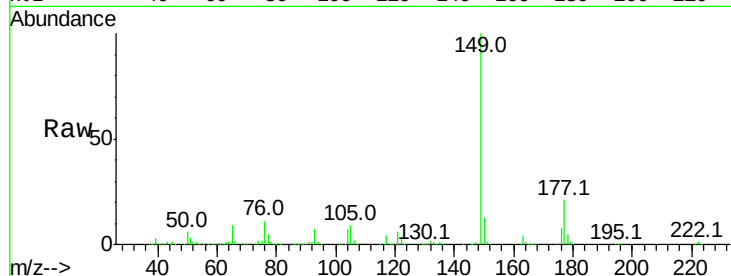




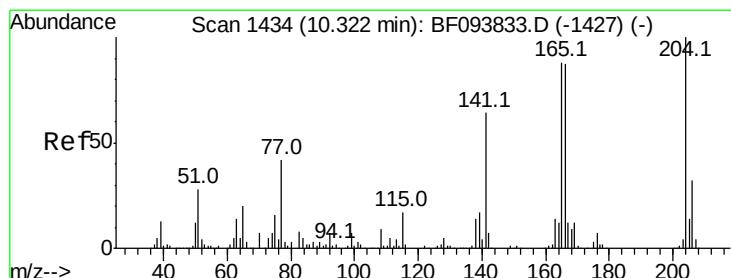
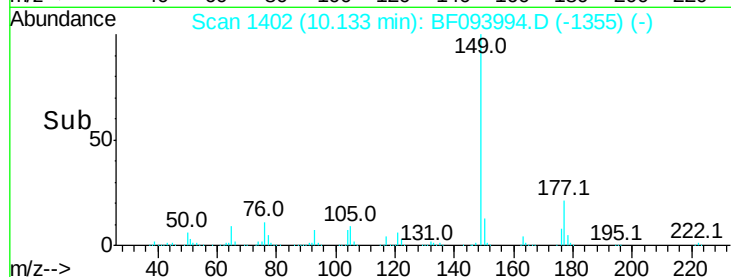
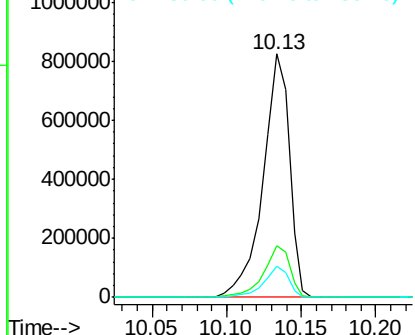
#59
Diethylphthalate
Concen: 46.90 ng
RT: 10.13 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1007753
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.9 10.2 15.2

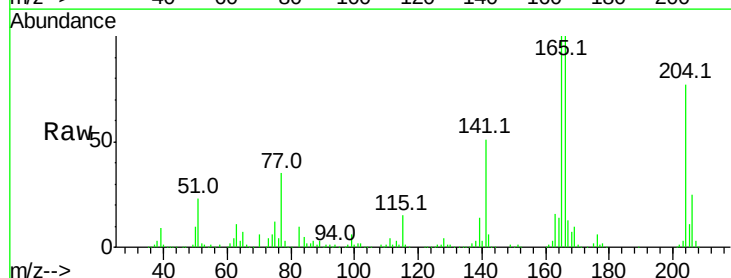


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

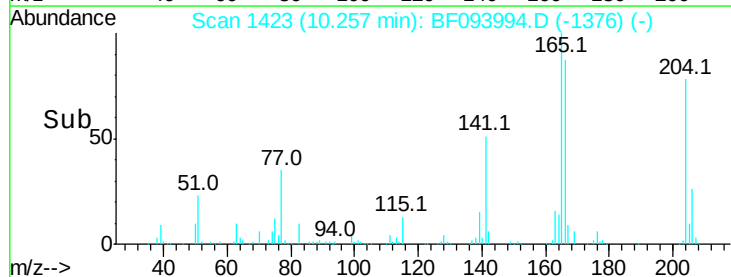
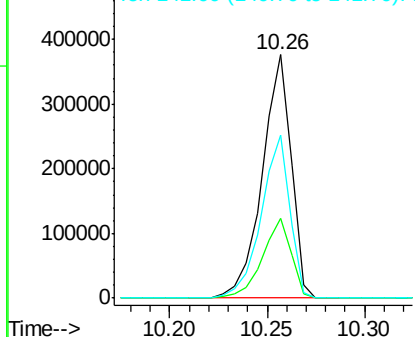


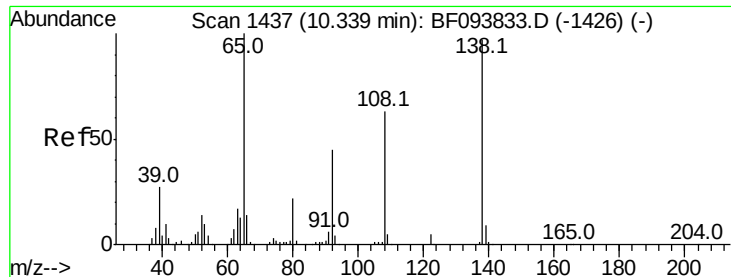
#60
4-Chlorophenyl-phenylether
Concen: 42.86 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion:204 Resp: 386046
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 66.8 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.86 ng

RT: 10.29 min Scan# 1428

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampled :

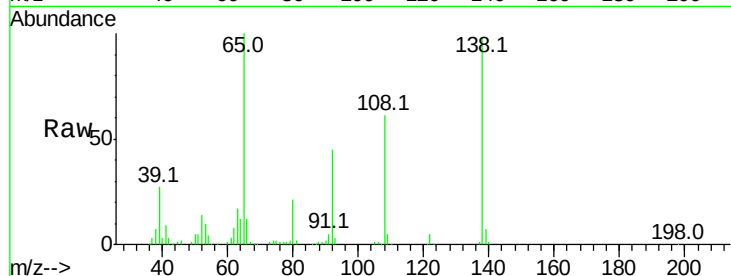
Tot Ion:138 Resp: 246324

Ion Ratio Lower Upper

138 100

92 46.2 21.8 61.8

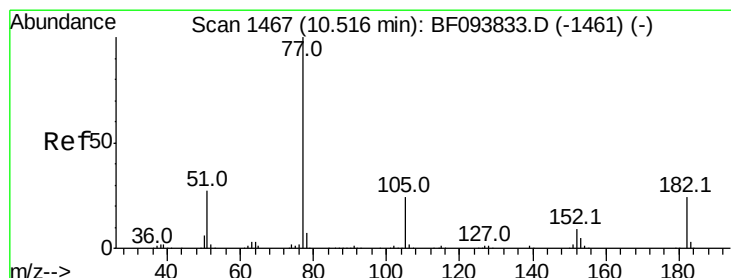
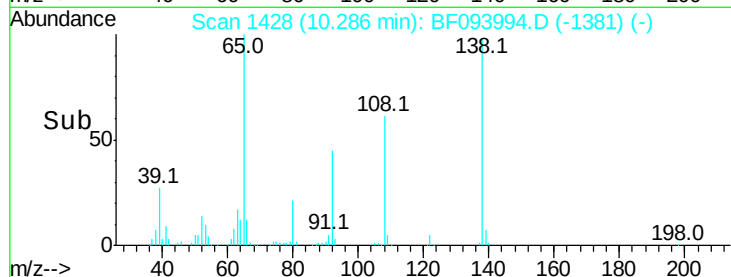
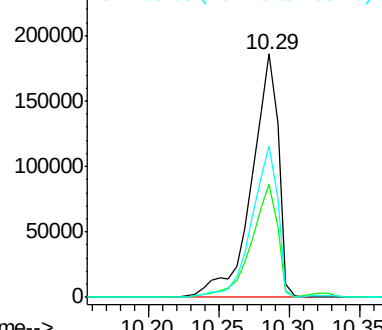
108 62.2 42.3 82.3



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: 48.20 ng

RT: 10.45 min Scan# 1456

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Tgt Ion: 77 Resp: 979862

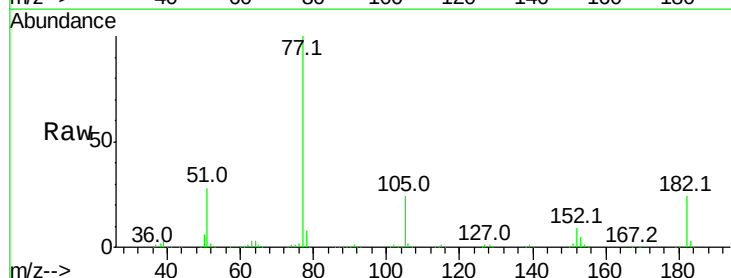
Ion Ratio Lower Upper

77 100

182 24.1 0.1 40.1

105 23.7 3.6 43.6

51 27.9 9.4 49.4

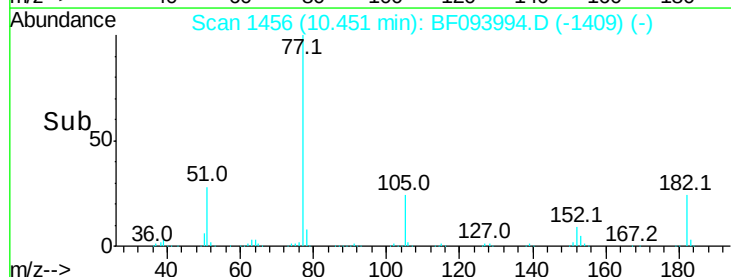
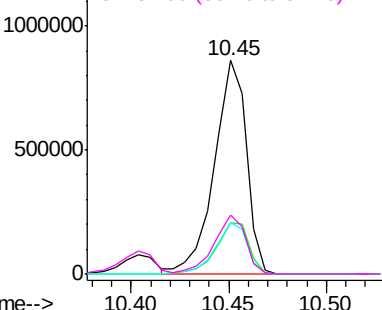


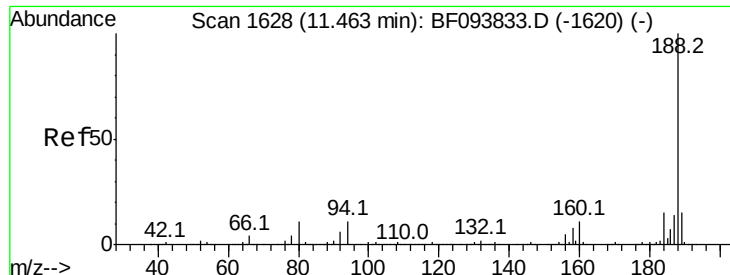
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.40 min Scan# 1617

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampleId :

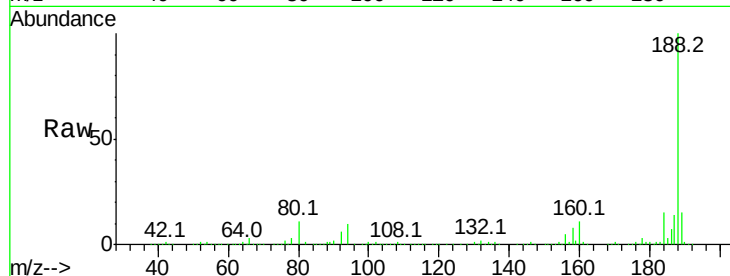
Tot Ion:188 Resp: 534077

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	11.3	10.2	15.2

188 100

94 10.4 9.4 14.2

80 11.3 10.2 15.2

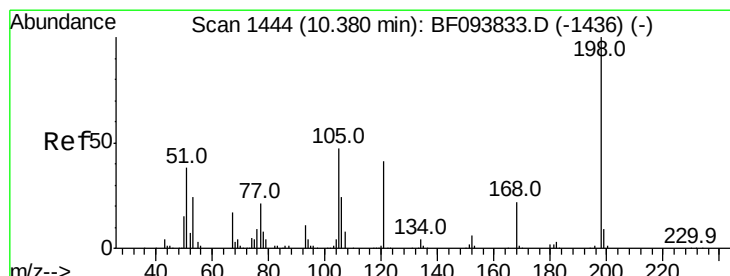
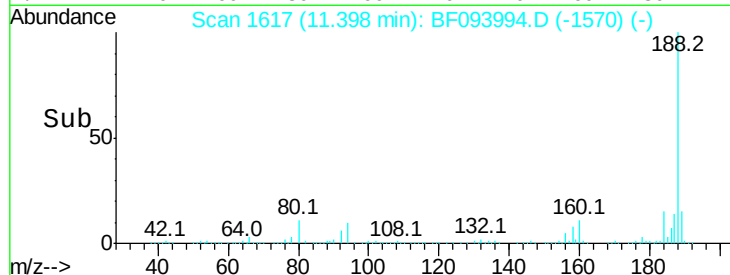


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 50.01 ng

RT: 10.33 min Scan# 1435

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

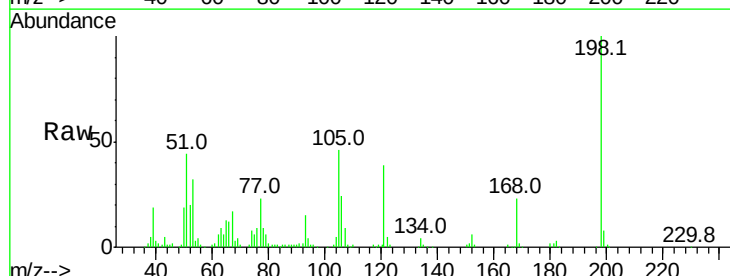
Tgt Ion:198 Resp: 163580

Ion	Ratio	Lower	Upper
198	100		
51	44.4	53.2	93.2#
105	46.1	45.8	85.8

198 100

51 44.4 53.2 93.2#

105 46.1 45.8 85.8

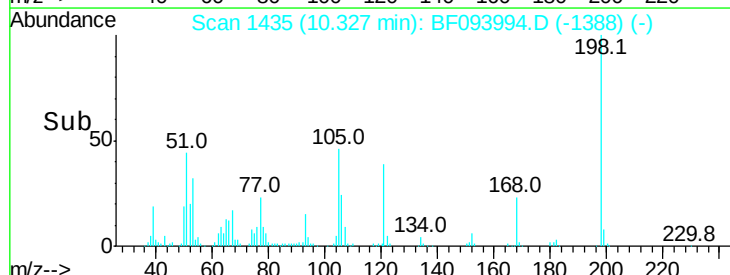


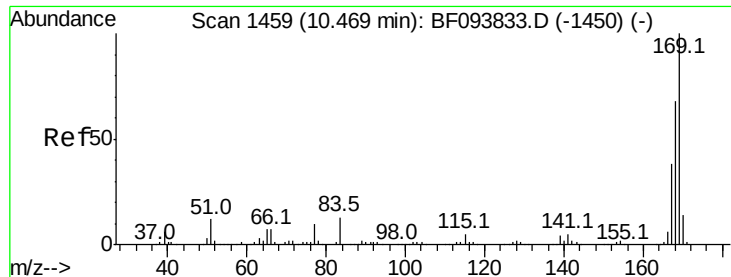
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

Time-->

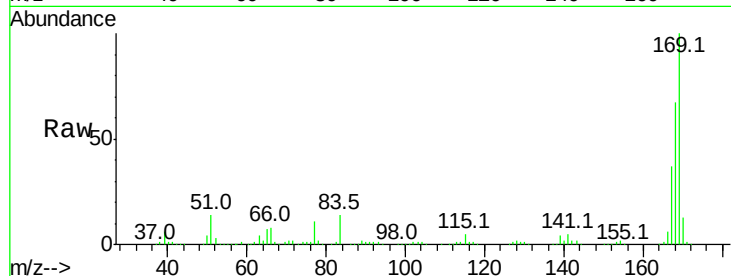




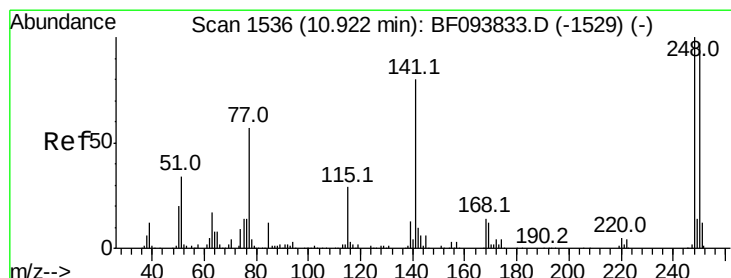
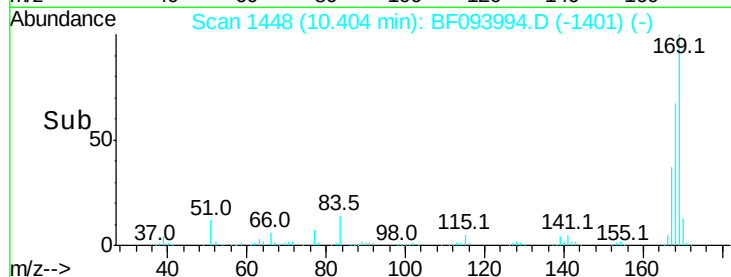
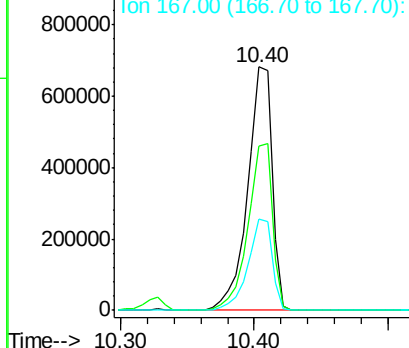
#65
 n-Nitrosodiphenylamine
 Concen: 46.13 ng
 RT: 10.40 min Scan# 1448
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 851976
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.2 79.8
 167 37.5 29.5 44.3

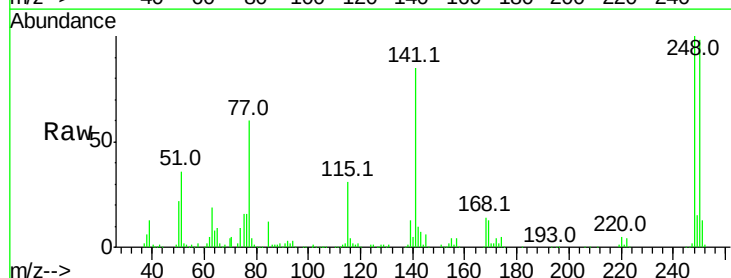


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

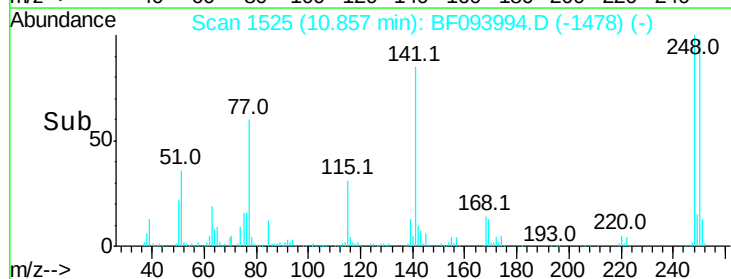
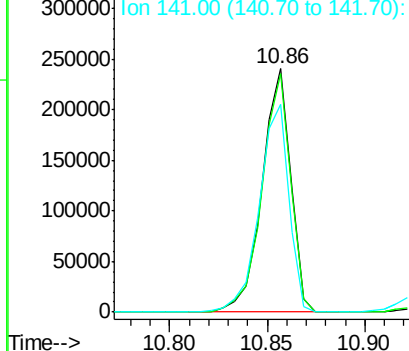


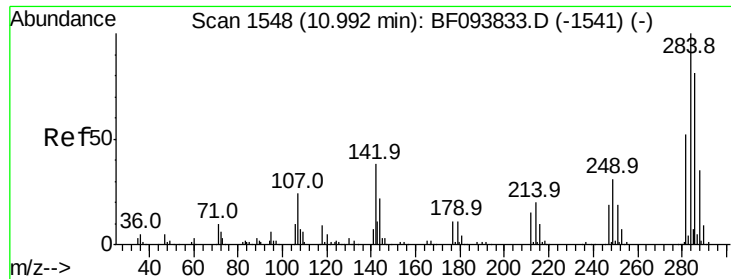
#66
 4-Bromophenyl-phenylether
 Concen: 46.55 ng
 RT: 10.86 min Scan# 1525
 Delta R.T. -0.02 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion:248 Resp: 244492
 Ion Ratio Lower Upper
 248 100
 250 98.0 76.8 115.2
 141 85.3 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

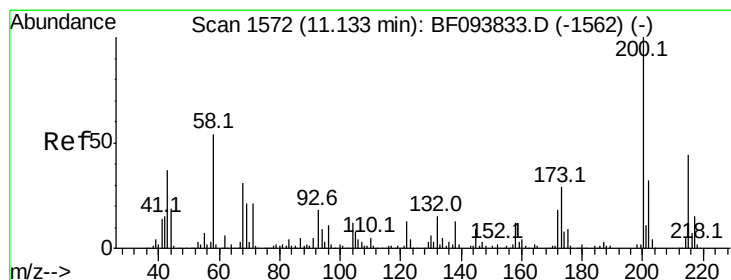
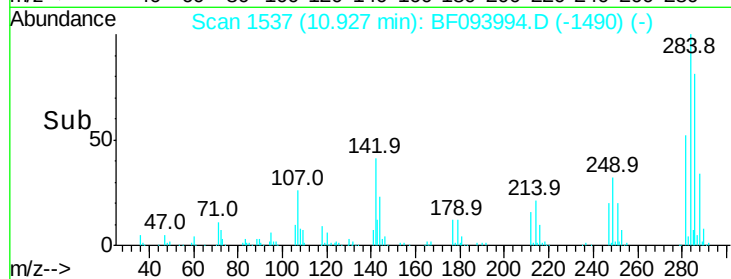
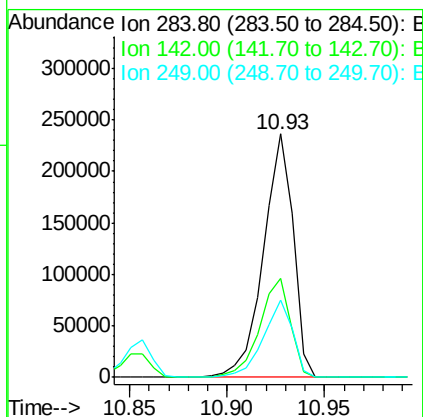
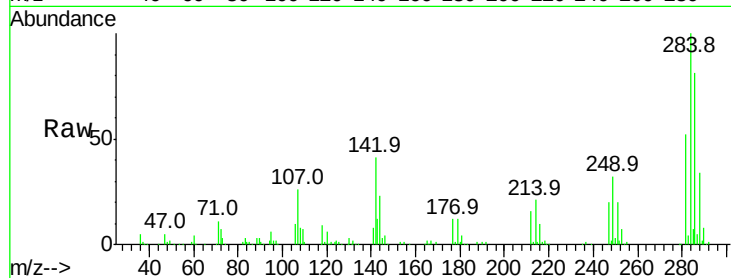




#67
Hexachlorobenzene
Concen: 46.97 ng
RT: 10.93 min Scan# 1537
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

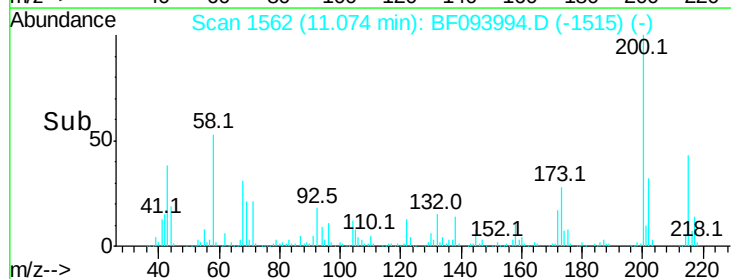
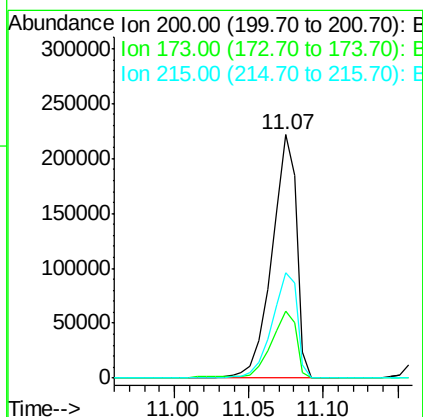
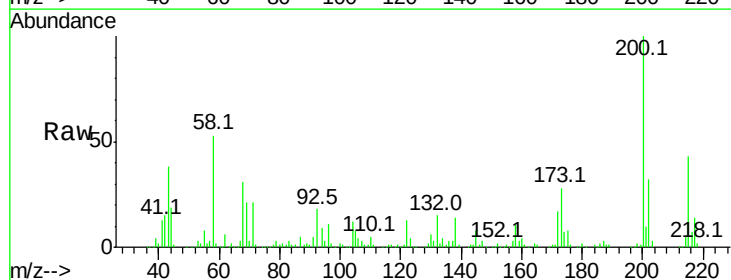
Instrument :
BNA_F
ClientSampleId :

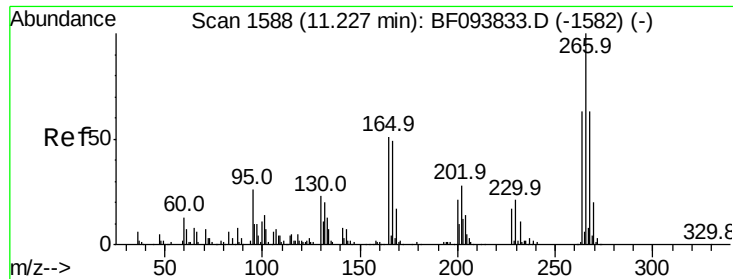
Tot Ion:284 Resp: 249742
Ion Ratio Lower Upper
284 100
142 40.7 22.8 34.2#
249 31.9 24.0 36.0



#68
Atrazine
Concen: 45.92 ng
RT: 11.07 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion:200 Resp: 254035
Ion Ratio Lower Upper
200 100
173 27.7 6.3 46.3
215 43.4 27.2 67.2





#69

Pentachlorophenol

Concen: 84.31 ng

RT: 11.17 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampleId :

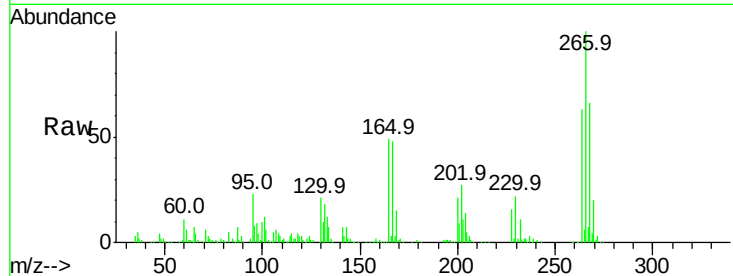
Tot Ion:266 Resp: 279041

Ion Ratio Lower Upper

266 100

268 65.6 51.1 76.7

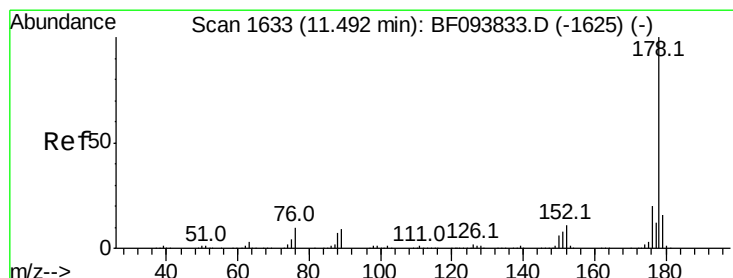
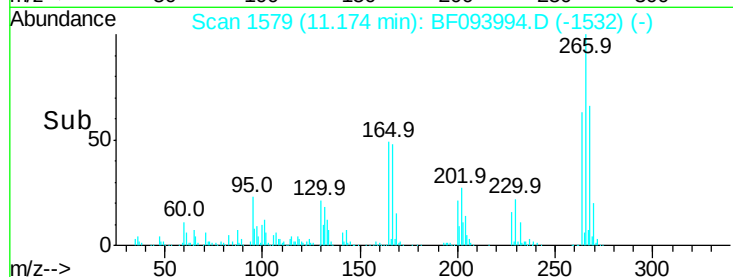
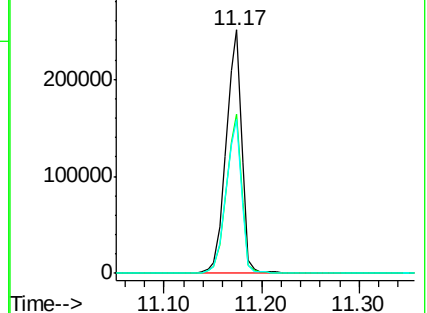
264 63.4 51.7 77.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 44.59 ng

RT: 11.43 min Scan# 1623

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

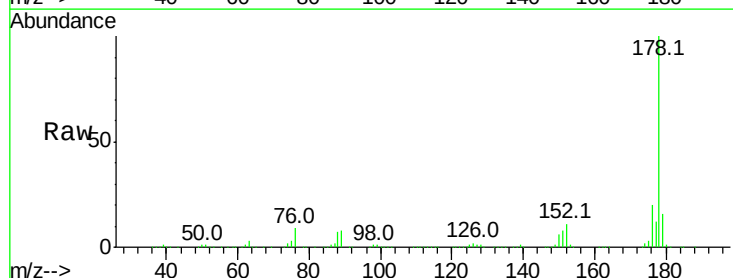
Tgt Ion:178 Resp: 1324746

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.4

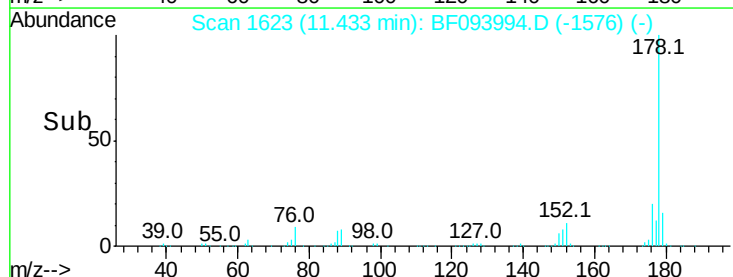
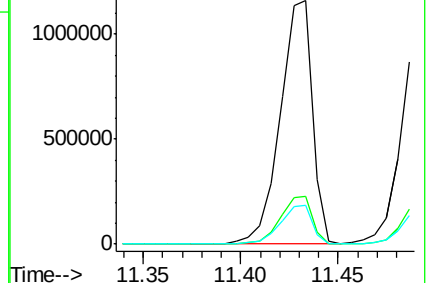
179 15.9 12.6 19.0

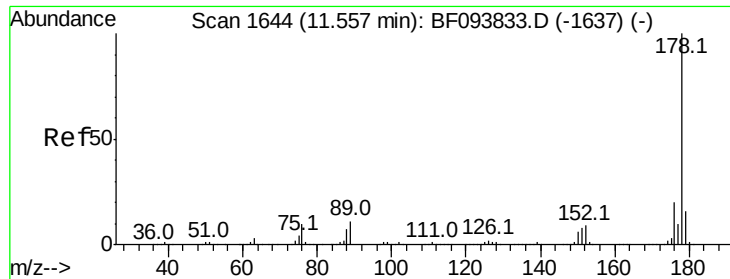


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

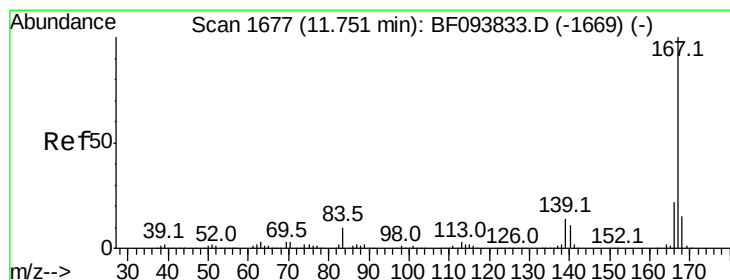
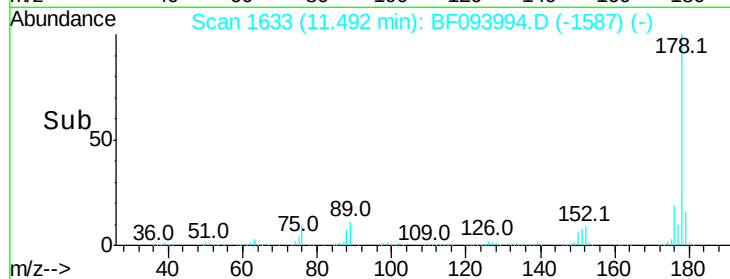
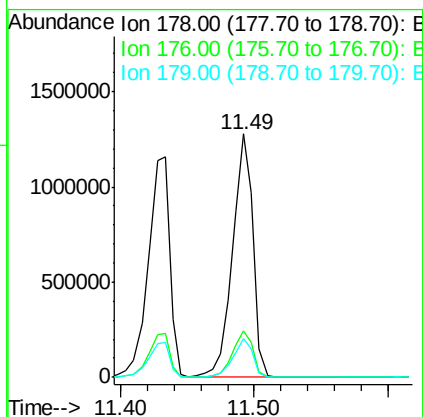
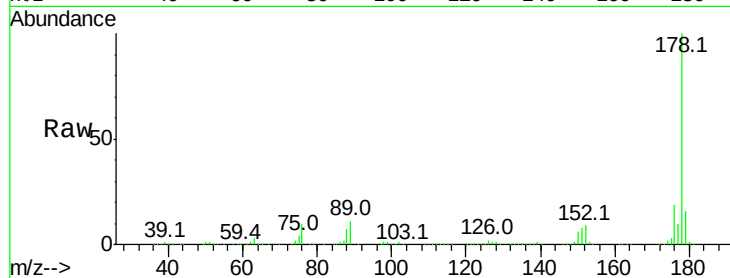




#71
 Anthracene
 Concen: 44.85 ng
 RT: 11.49 min Scan# 1633
 Delta R.T. -0.03 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

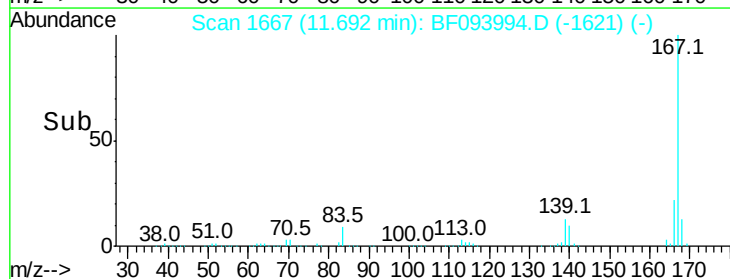
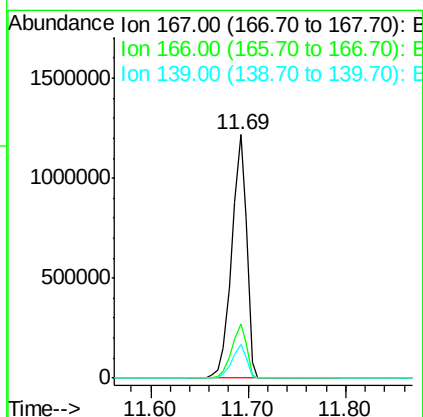
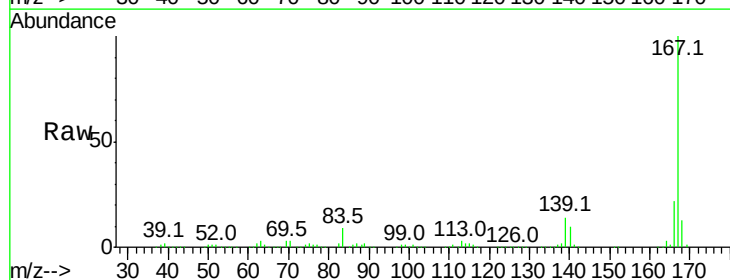
Instrument :
 BNA_F
 ClientSampleId :

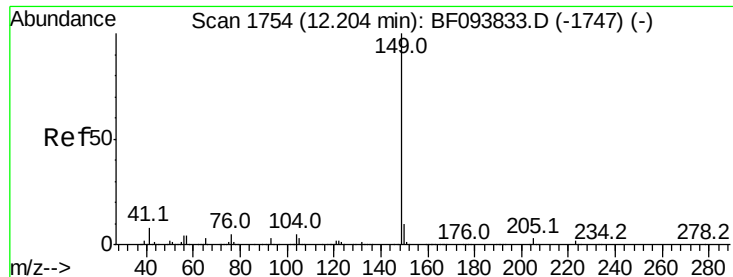
Tot Ion:178 Resp: 1372102
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 41.21 ng
 RT: 11.69 min Scan# 1667
 Delta R.T. -0.03 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion:167 Resp: 1292566
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 48.59 ng

RT: 12.14 min Scan# 1744

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampleId :

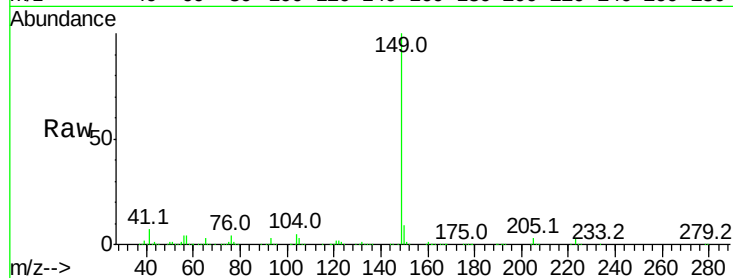
Tot Ion:149 Resp: 1584915

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

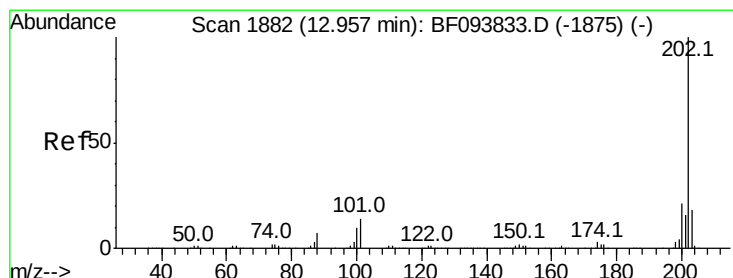
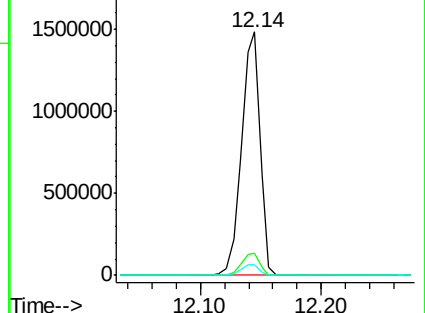
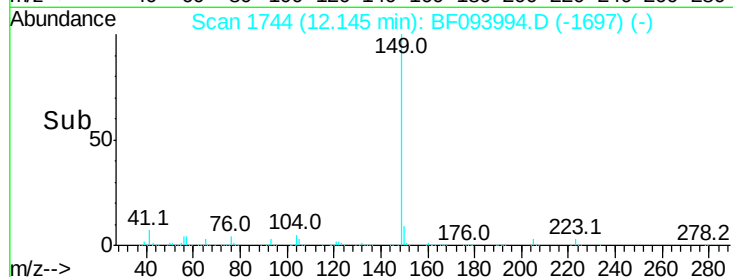
104 4.5 4.0 6.0



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: 45.25 ng

RT: 12.89 min Scan# 1871

Delta R.T. -0.03 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

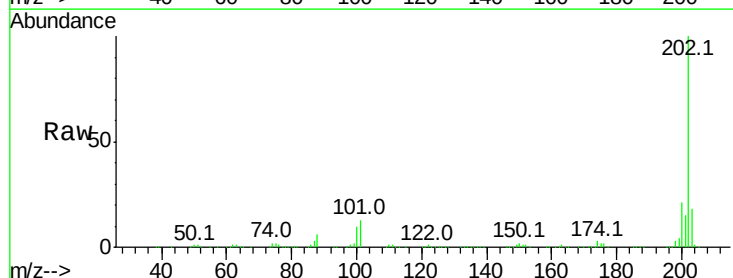
Tgt Ion:202 Resp: 1376532

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.2

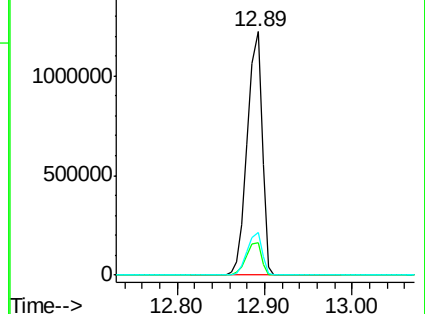
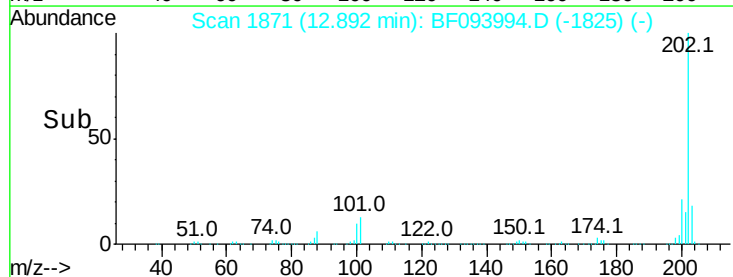
203 17.8 0.0 38.1

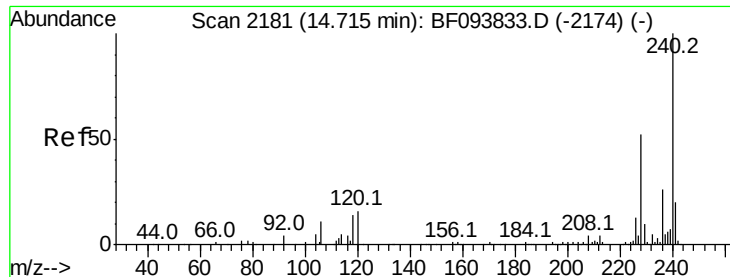


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

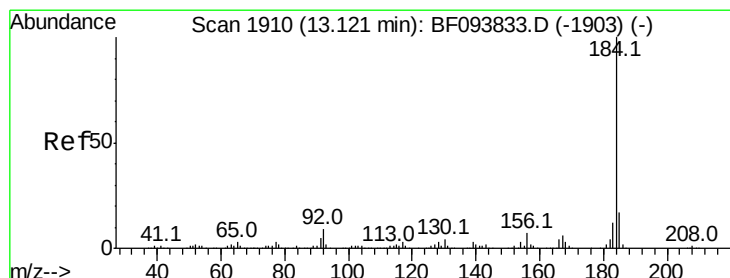
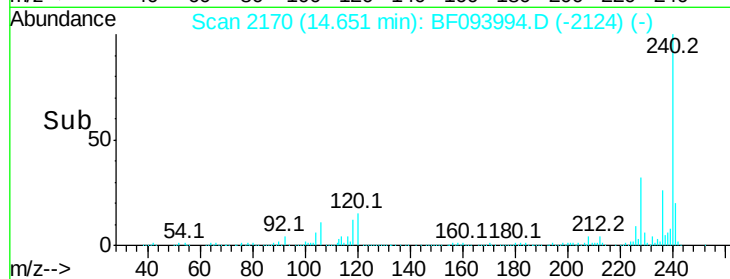
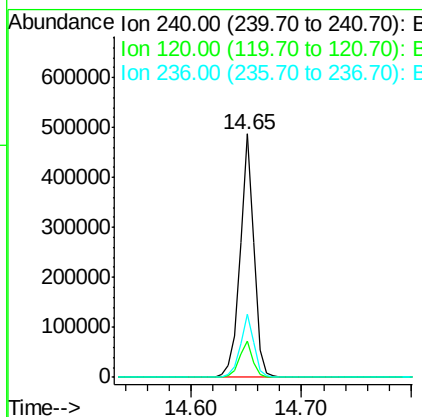
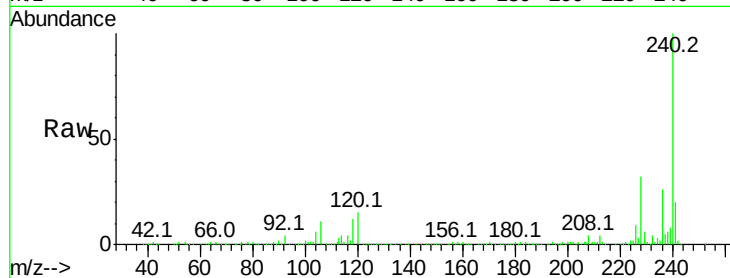




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.65 min Scan# 2170
 Delta R.T. -0.03 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

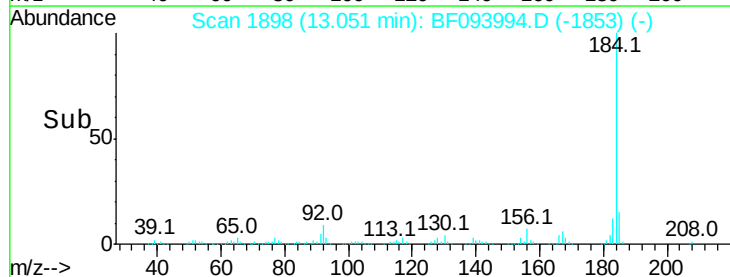
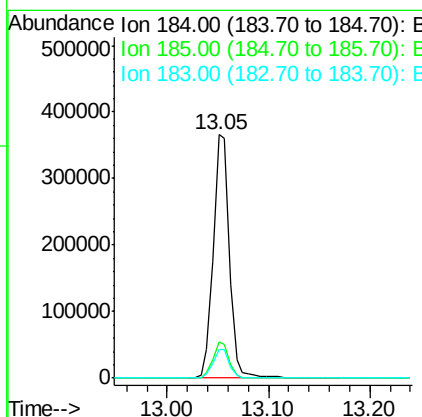
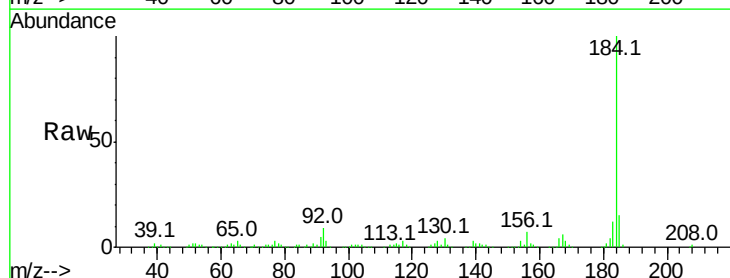
Instrument :
 BNA_F
 ClientSampleId :

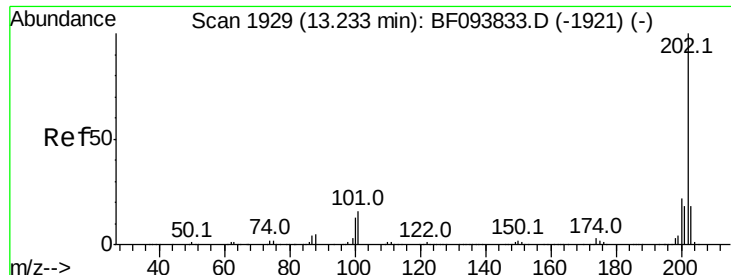
Tot Ion:240 Resp: 430664
 Ion Ratio Lower Upper
 240 100
 120 14.7 5.8 8.8#
 236 25.8 20.5 30.7



#76
 Benzidine
 Concen: 23.93 ng
 RT: 13.05 min Scan# 1898
 Delta R.T. -0.04 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion:184 Resp: 407832
 Ion Ratio Lower Upper
 184 100
 185 15.1 15.5 23.3#
 183 11.5 9.8 14.6

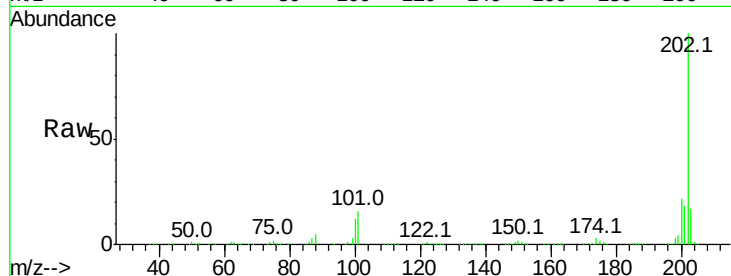




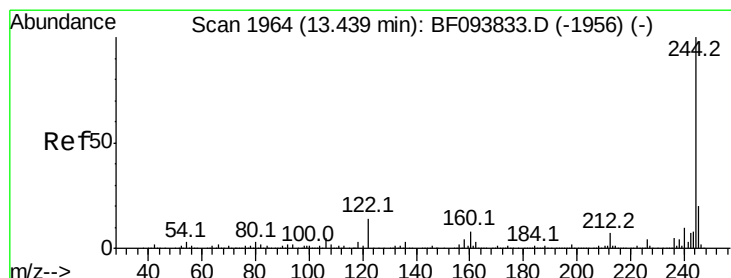
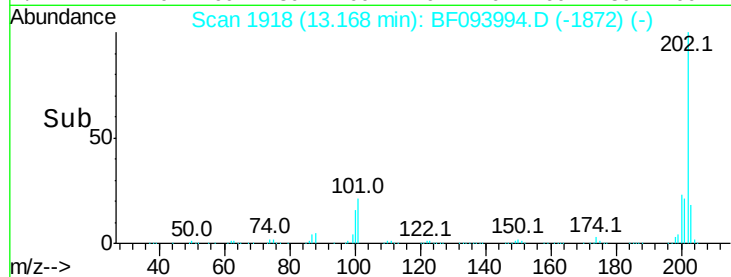
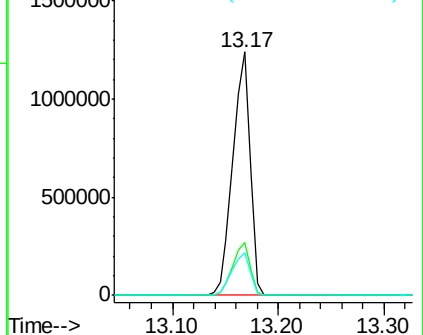
#77
 Pvrene
 Concen: 44.67 ng
 RT: 13.17 min Scan# 1918
 Delta R.T. -0.03 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1396068
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.6 26.4
 203 17.3 14.4 21.6

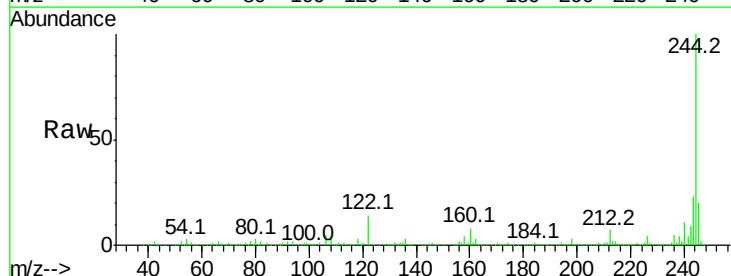


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

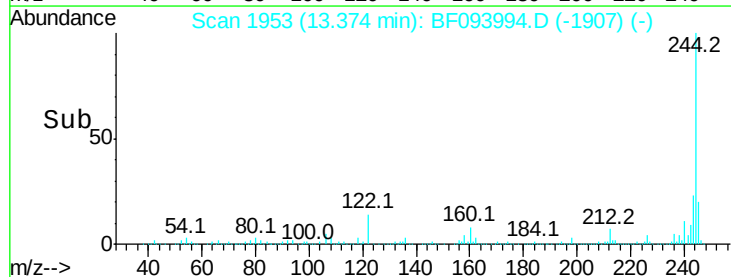
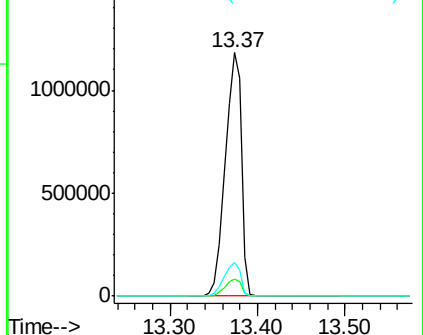


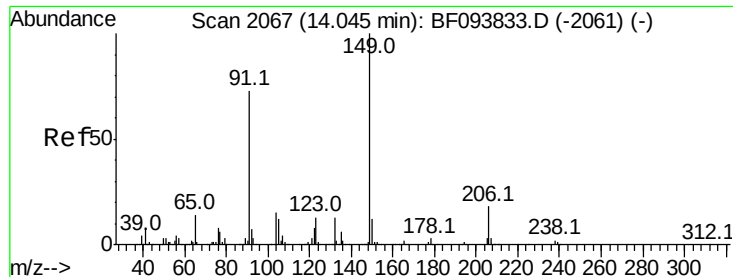
#78
 Terphenyl-d14
 Concen: 79.44 ng
 RT: 13.37 min Scan# 1953
 Delta R.T. -0.03 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion:244 Resp: 1526237
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.8 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: 50.68 ng

RT: 13.98 min Scan# 2056

Delta R.T. -0.03 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampleId :

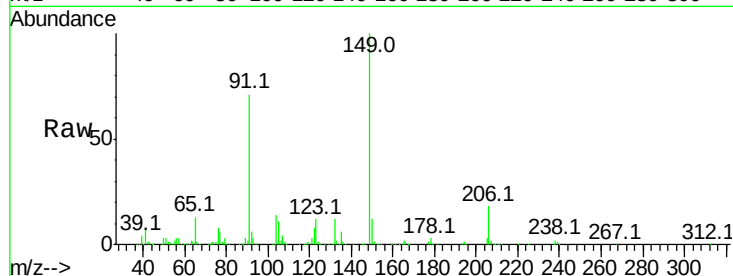
Tot Ion:149 Resp: 674956

Ion Ratio Lower Upper

149 100

91 71.2 45.0 67.4#

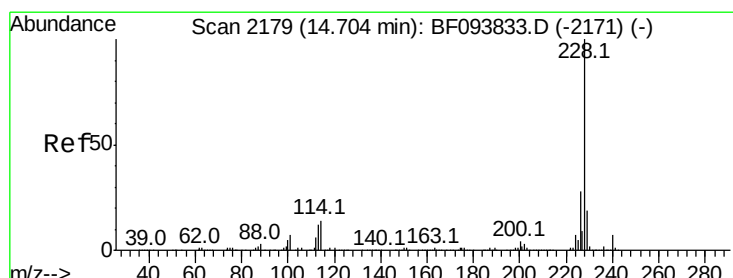
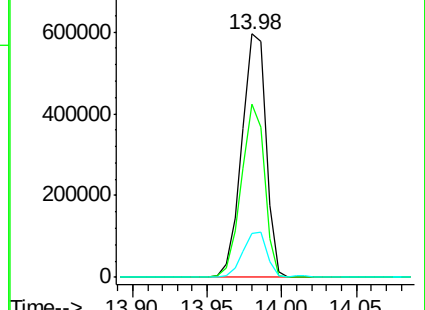
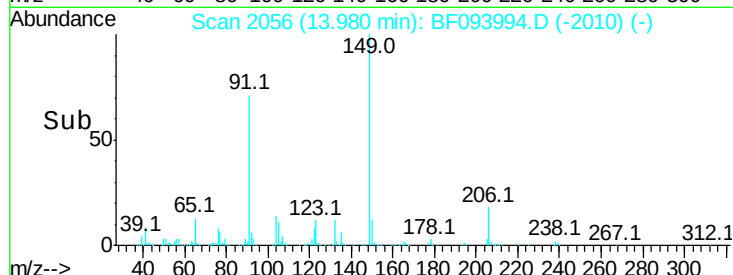
206 18.2 17.0 25.6



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: 46.46 ng

RT: 14.64 min Scan# 2168

Delta R.T. -0.03 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

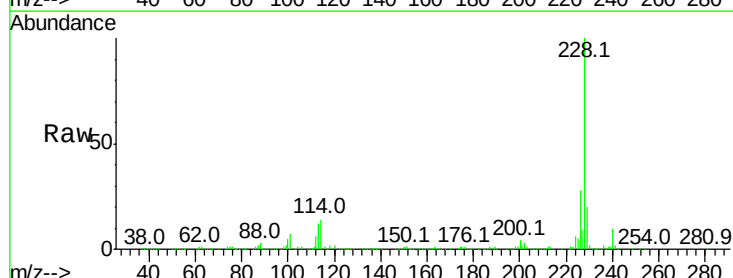
Tgt Ion:228 Resp: 1166871

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

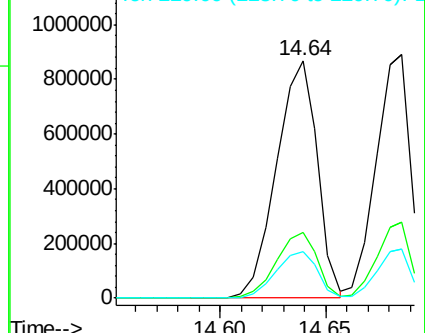
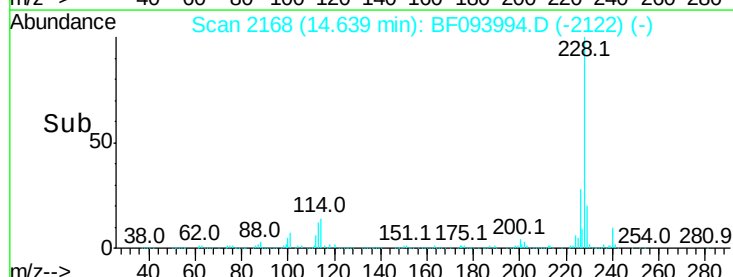
229 19.5 16.3 24.5

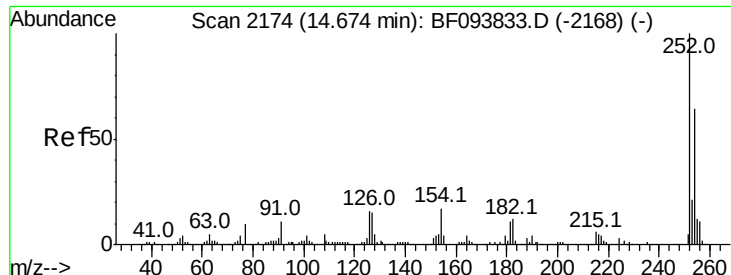


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

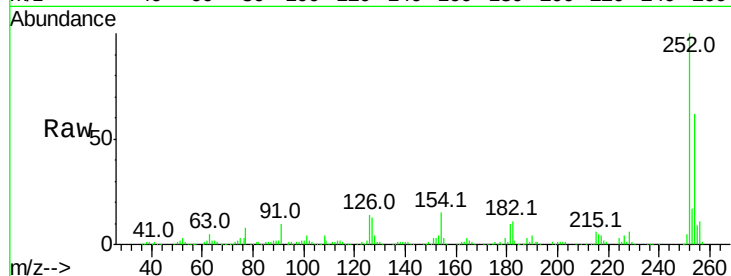




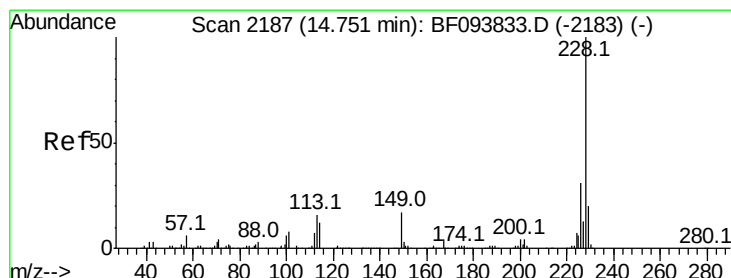
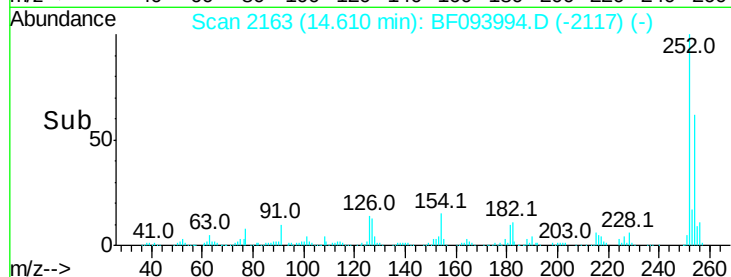
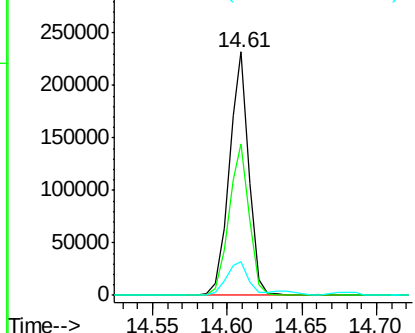
#81
 3,3'-Dichlorobenzidine
 Concen: 23.83 ng
 RT: 14.61 min Scan# 2163
 Delta R.T. -0.03 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.4	51.5	77.3
126	13.9	15.8	23.8#

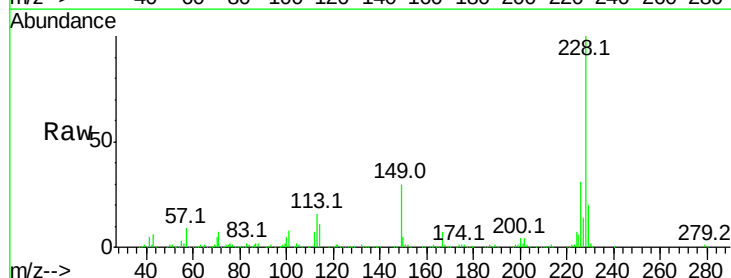


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

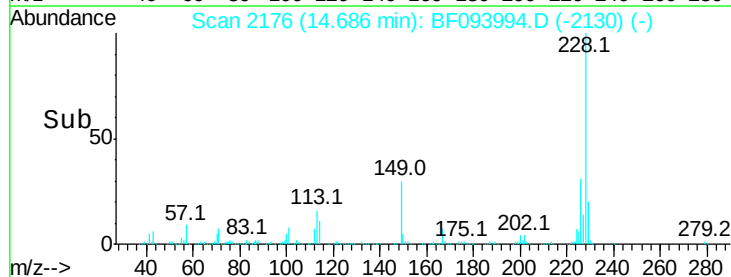
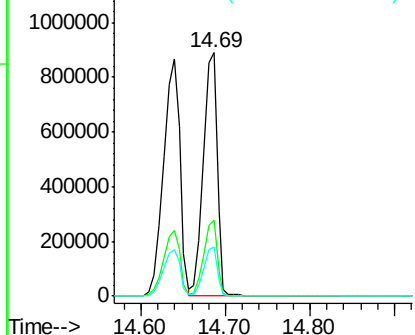


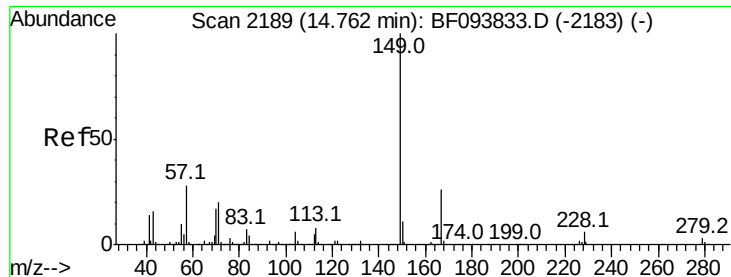
#82
 Chrysene
 Concen: 43.72 ng
 RT: 14.69 min Scan# 2176
 Delta R.T. -0.03 min
 Lab File: BF093994.D
 Acq: 28 Mar 2017 15:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.2	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: 51.05 ng

RT: 14.70 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampleId :

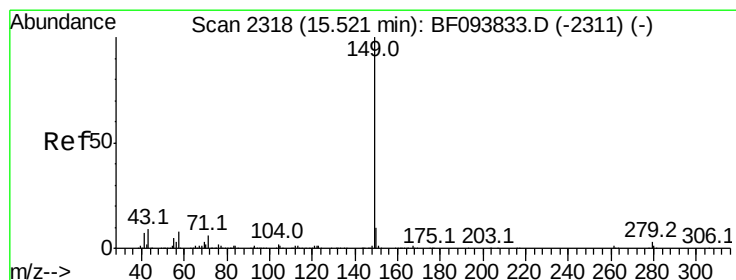
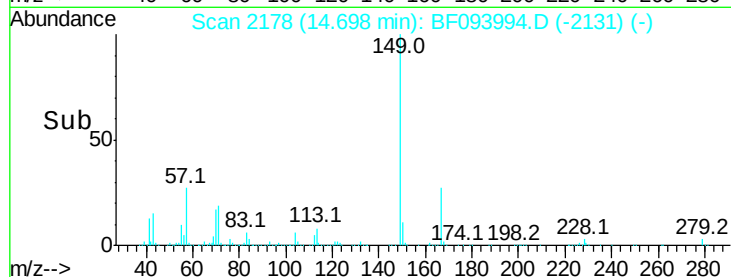
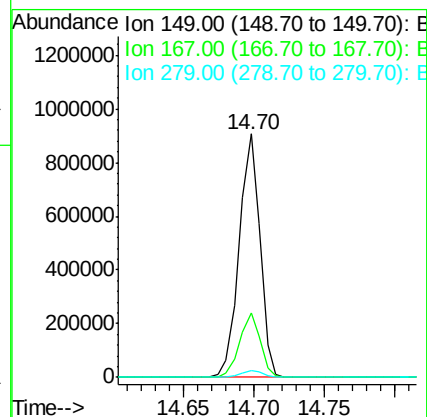
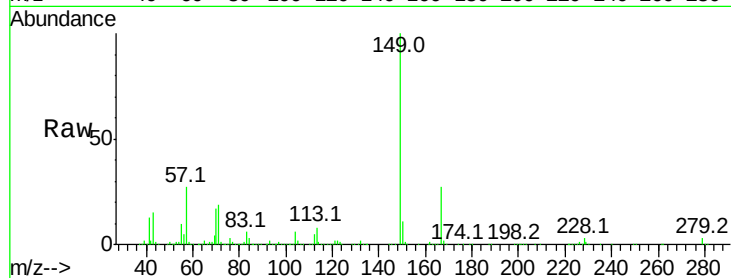
Tot Ion:149 Resp: 927442

Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

279 2.9 1.9 2.9#



#84

Di-n-octyl phthalate

Concen: 51.75 ng

RT: 15.45 min Scan# 2306

Delta R.T. -0.03 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

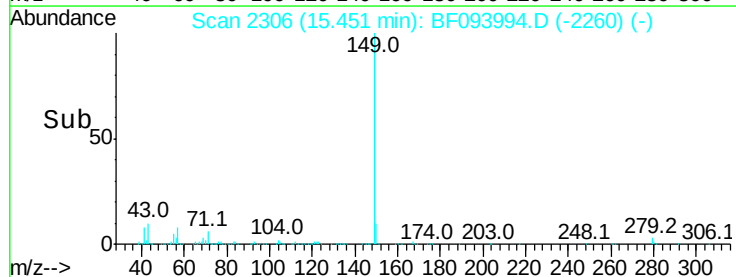
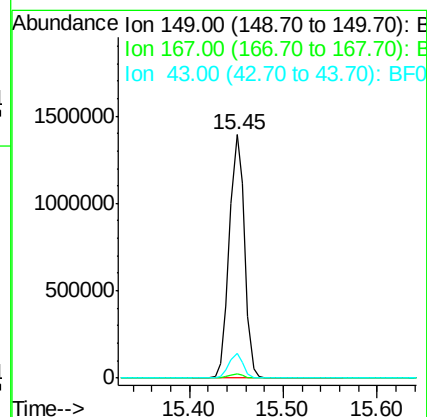
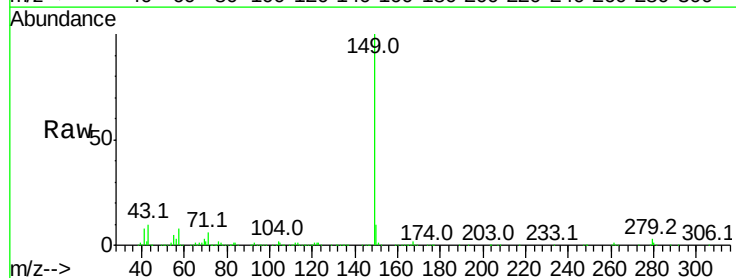
Tgt Ion:149 Resp: 1570748

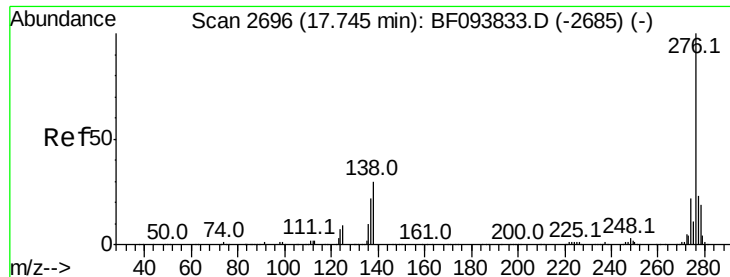
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.7 8.5 12.7

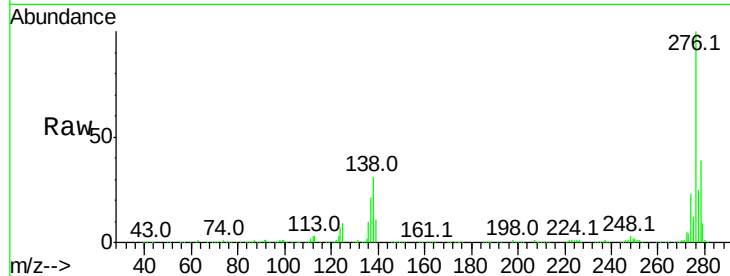




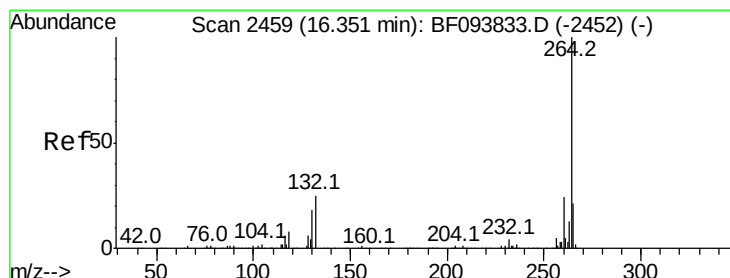
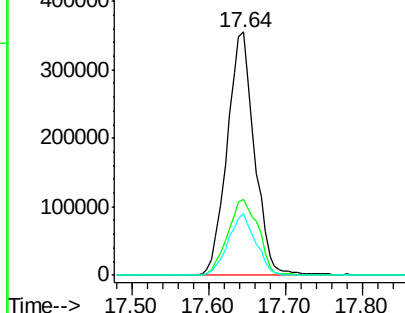
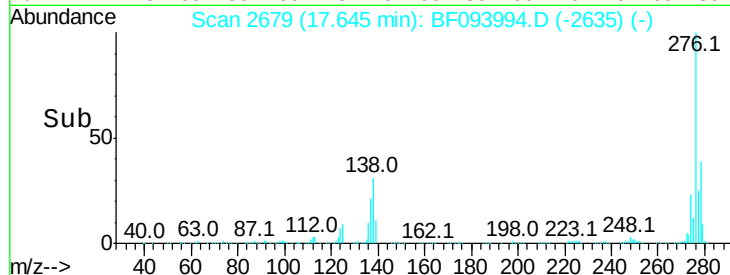
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.75 ng
RT: 17.64 min Scan# 2679
Delta R.T. -0.04 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 883071
Ion Ratio Lower Upper
276 100
138 35.2 27.8 41.6
277 25.7 20.2 30.4

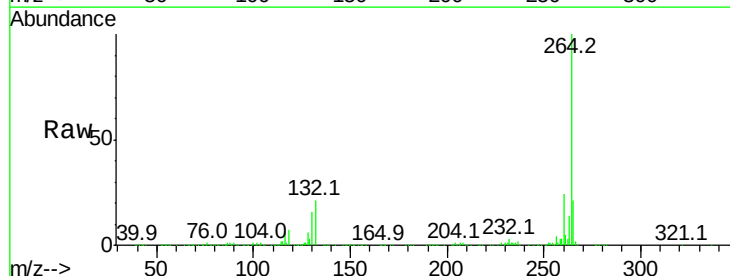


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

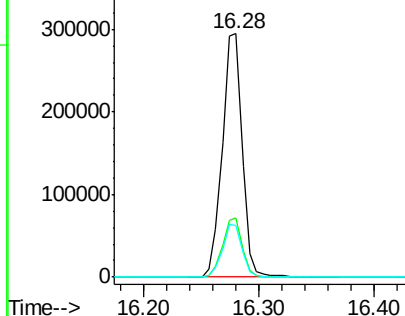
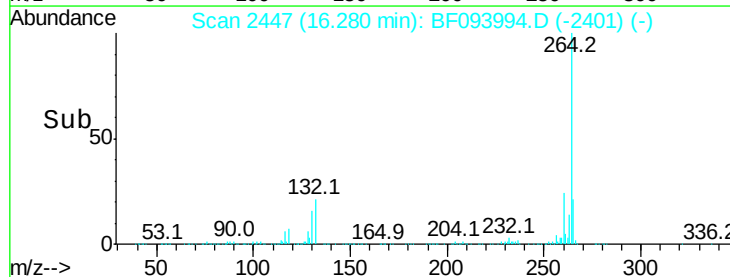


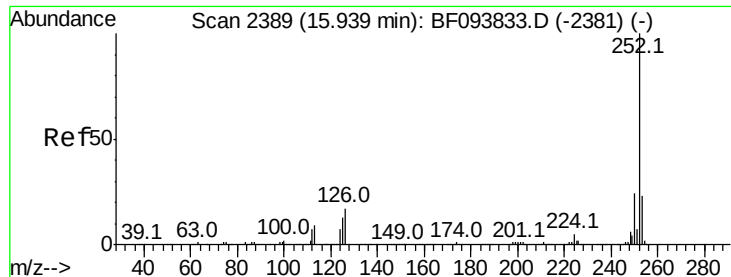
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.28 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion:264 Resp: 352910
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.2 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

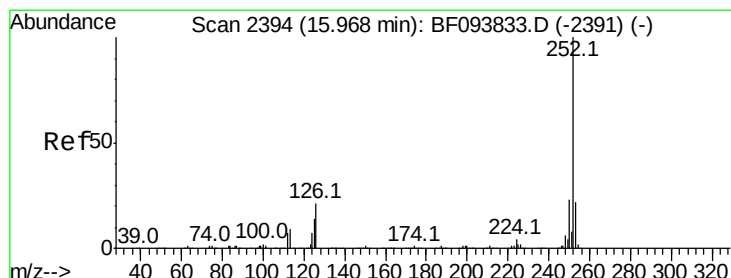
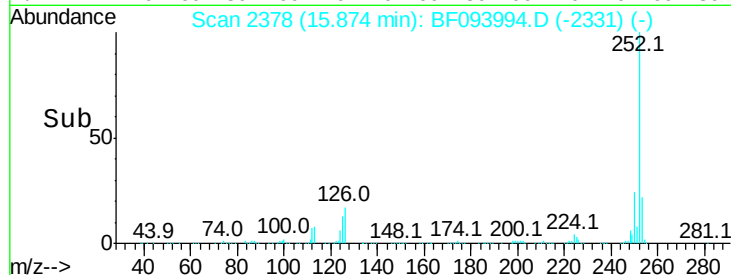
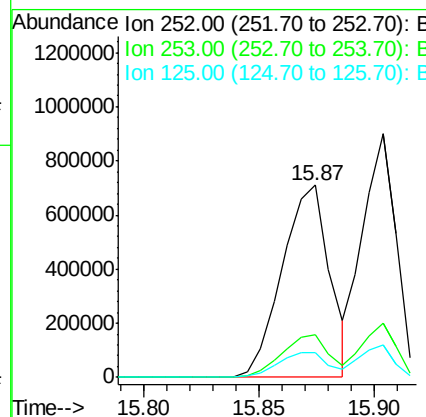
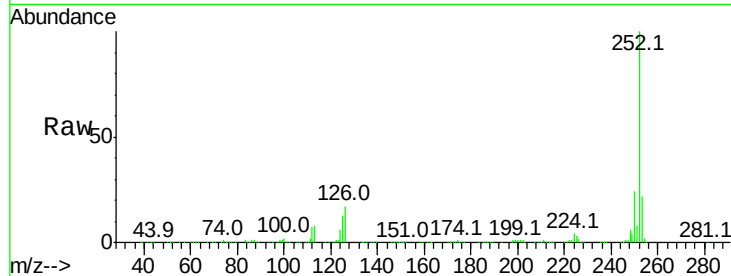




#87
Benzo(b)fluoranthene
Concen: 46.96 ng
RT: 15.87 min Scan# 2378
Delta R.T. -0.02 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

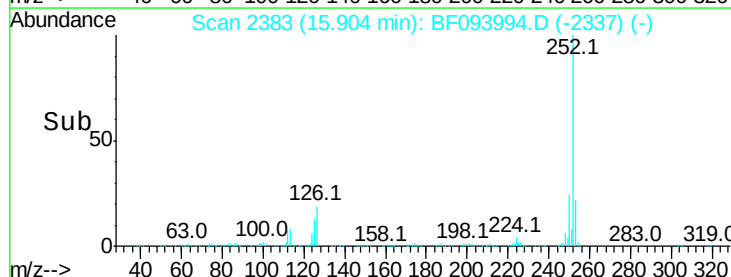
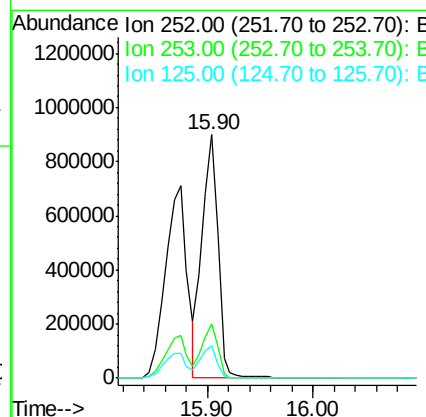
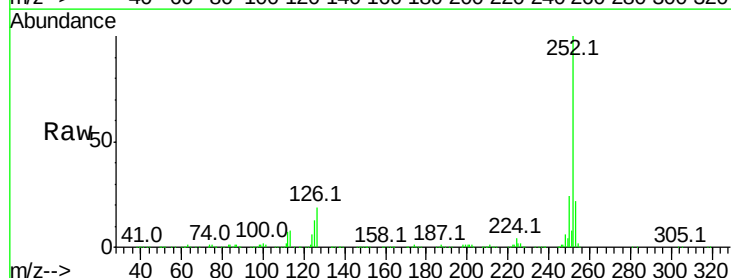
Instrument :
BNA_F
ClientSampleId :

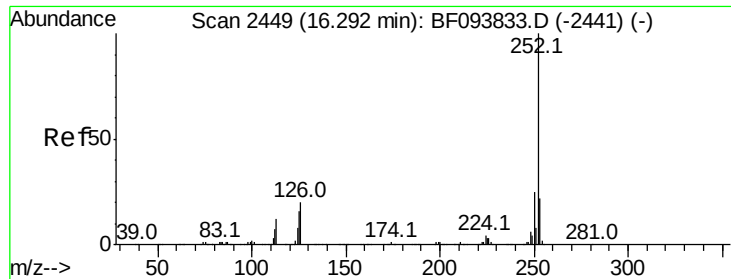
Tot Ion:252 Resp: 1015763
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 12.7 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 43.98 ng
RT: 15.90 min Scan# 2383
Delta R.T. -0.03 min
Lab File: BF093994.D
Acq: 28 Mar 2017 15:59

Tgt Ion:252 Resp: 930964
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 13.3 13.1 19.7





#89

Benzo(a)pyrene

Concen: 45.74 ng

RT: 16.22 min Scan# 2437

Delta R.T. -0.03 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampleId :

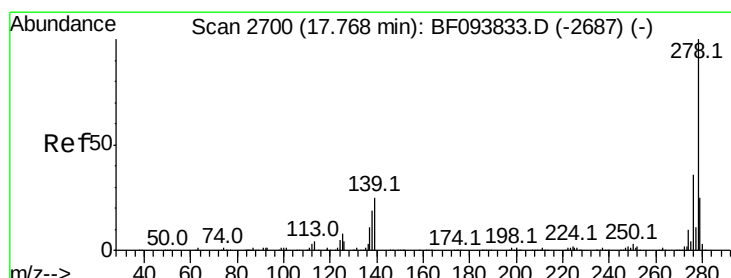
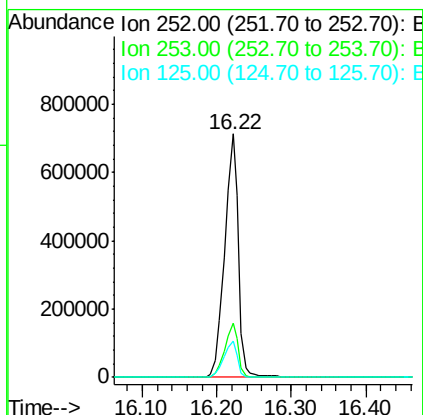
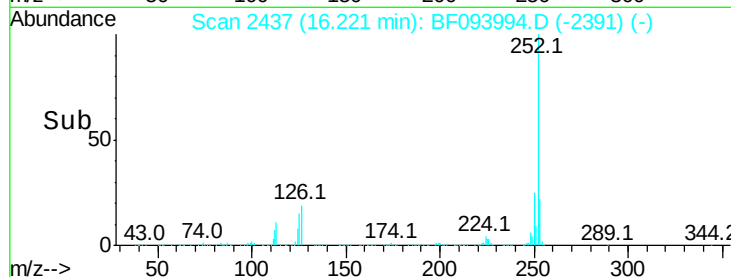
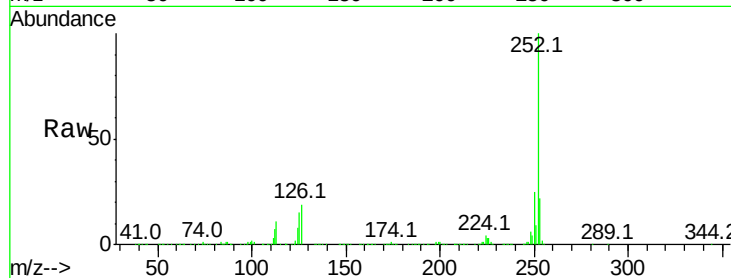
Tot Ion:252 Resp: 911191

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 15.0 11.0 16.4



#90

Dibenzo(a,h)anthracene

Concen: 43.44 ng

RT: 17.66 min Scan# 2682

Delta R.T. -0.05 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

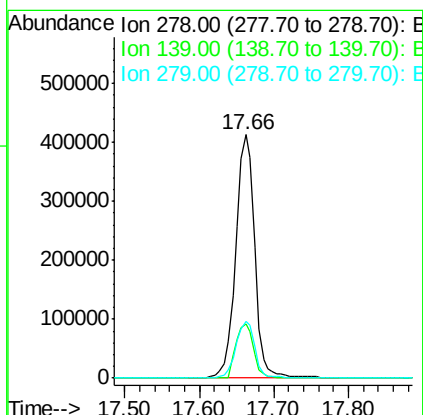
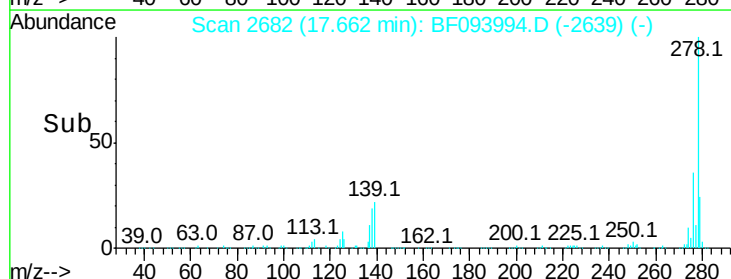
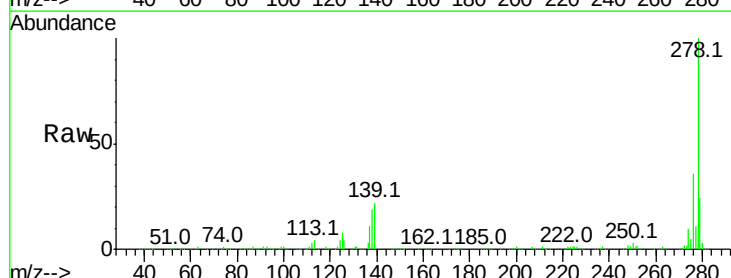
Tgt Ion:278 Resp: 732813

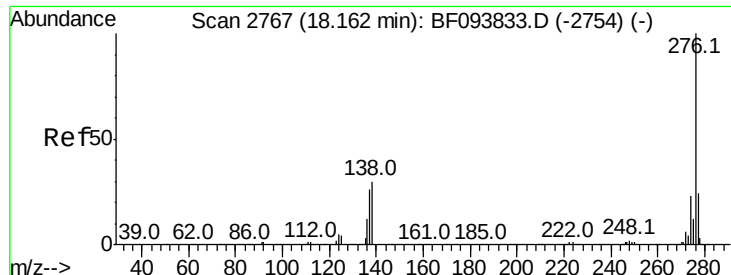
Ion Ratio Lower Upper

278 100

139 22.0 16.6 24.8

279 23.5 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 42.44 ng

RT: 18.04 min Scan# 2747

Delta R.T. -0.05 min

Lab File: BF093994.D

Acq: 28 Mar 2017 15:59

Instrument :

BNA_F

ClientSampleId :

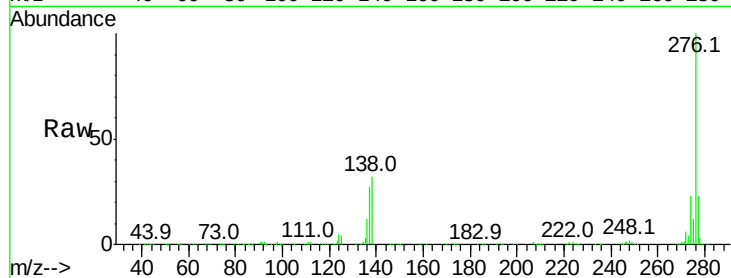
Tot Ion:276 Resp: 721642

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 31.7 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

