

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF094003.D
 Acq On : 28 Mar 2017 20:08
 Operator : SJ/MA
 Sample : PB97860BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 02:38:00 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	171521	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	696868	20.00	ng	-0.02
38) Acenaphthene-d10	9.57	164	324640	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	558347	20.00	ng	-0.02
75) Chrysene-d12	14.65	240	376487	20.00	ng	-0.03
86) Perylene-d12	16.28	264	287141	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	873439	86.01	ng	0.00
7) Phenol-d6	5.54	99	1107635	88.17	ng	-0.01
23) Nitrobenzene-d5	6.59	82	993182	81.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	248868	97.01	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	1843463	86.61	ng	-0.02
78) Terphenyl-d14	13.38	244	1477098	87.94	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.34	88	156948	32.17	ng	97
3) Pyridine	2.82	79	447712	33.67	ng	98
4) n-Nitrosodimethylamine	2.79	42	223130	40.78	ng	93
6) Aniline	5.55	93	354849	20.31	ng	# 1
8) 2-Chlorophenol	5.69	128	501506	44.93	ng	98
9) Benzaldehyde	5.42	77	98086	11.56	ng	98
10) Phenol	5.55	94	590319	41.29	ng	95
11) bis(2-Chloroethyl)ether	5.63	93	467798	41.87	ng	99
12) 1,3-Dichlorobenzene	5.86	146	516388	41.24	ng	99
13) 1,4-Dichlorobenzene	5.95	146	520763	41.07	ng	97
14) 1,2-Dichlorobenzene	6.13	146	487463	41.74	ng	95
15) Benzyl Alcohol	6.10	79	397232	43.20	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.26	45	644271	37.42	ng	97
17) 2-Methylphenol	6.24	107	416227	43.54	ng	98
18) Hexachloroethane	6.52	117	184492	41.39	ng	88
19) n-Nitroso-di-n-propylamine	6.42	70	337747	41.83	ng	97
20) 3+4-Methylphenols	6.42	107	521706	45.06	ng	# 64
22) Acetophenone	6.40	105	685469	44.13	ng	# 88
24) Nitrobenzene	6.60	77	505447	41.97	ng	95
25) Isophorone	6.89	82	923229	43.03	ng	95
26) 2-Nitrophenol	6.98	139	281869	49.08	ng	98
27) 2,4-Dimethylphenol	7.05	122	459475	46.43	ng	99
28) bis(2-Chloroethoxy)methane	7.15	93	597061	42.20	ng	99
29) 2,4-Dichlorophenol	7.27	162	436648	47.19	ng	99
30) 1,2,4-Trichlorobenzene	7.37	180	412868	43.32	ng	98
31) Naphthalene	7.46	128	1394501	41.62	ng	100
32) Benzoic acid	7.22	122	332367	50.45	ng	96
33) 4-Chloroaniline	7.52	127	148386	10.93	ng	# 93
34) Hexachlorobutadiene	7.62	225	212343	43.45	ng	98
35) Caprolactam	7.98	113	88813	30.10	ng	92
36) 4-Chloro-3-methylphenol	8.15	107	465164	48.11	ng	89
37) 2-Methylnaphthalene	8.30	142	989418	44.30	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	356961	40.19	ng	99
40) Hexachlorocyclopentadiene	8.50	237	380344	91.52	ng	97

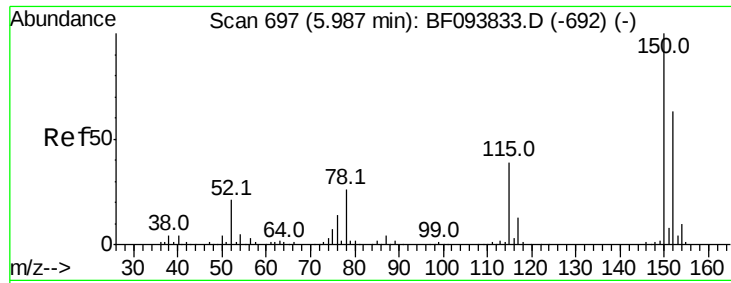
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	298618	47.53	nq	98
43) 2,4,5-Trichlorophenol	8.71	196	304291	44.76	nq	95
45) 1,1'-Biphenyl	8.88	154	1113158	42.51	nq	98
46) 2-Chloronaphthalene	8.90	162	880399	42.95	nq	94
47) 2-Nitroaniline	9.03	65	268980	44.24	nq	# 85
48) Acenaphthylene	9.41	152	1397289	41.02	nq	100
49) Dimethylphthalate	9.27	163	1078471	46.73	nq	100
50) 2,6-Dinitrotoluene	9.33	165	241932	45.73	nq	91
51) Acenaphthene	9.62	154	829019	41.71	nq	100
52) 3-Nitroaniline	9.53	138	124511	20.04	nq	86
53) 2,4-Dinitrophenol	9.67	184	256080	89.85	nq	# 72
54) Dibenzofuran	9.83	168	1210787	44.75	nq	99
55) 4-Nitrophenol	9.77	139	390568	80.29	nq	# 67
56) 2,4-Dinitrotoluene	9.83	165	293206	44.12	nq	# 69
57) Fluorene	10.25	166	905506	40.35	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	230329	49.37	nq	98
59) Diethylphthalate	10.14	149	1039960	45.60	nq	98
60) 4-Chlorophenyl-phenylether	10.26	204	390780	40.88	nq	95
61) 4-Nitroaniline	10.29	138	252204	42.31	nq	92
62) Azobenzene	10.46	77	1003969	46.53	nq	95
64) 4,6-Dinitro-2-methylphenol	10.33	198	165360	48.36	nq	# 63
65) n-Nitrosodiphenylamine	10.41	169	857492	44.41	nq	97
66) 4-Bromophenyl-phenylether	10.86	248	255938	46.61	nq	99
67) Hexachlorobenzene	10.93	284	255198	45.91	nq	# 85
68) Atrazine	11.08	200	239118	41.35	nq	97
69) Pentachlorophenol	11.18	266	273562	79.06	nq	98
70) Phenanthrene	11.43	178	1334570	42.97	nq	99
71) Anthracene	11.50	178	1386520	43.36	nq	99
72) Carbazole	11.70	167	1259996	38.42	nq	98
73) Di-n-butylphthalate	12.14	149	1600964	46.94	nq	100
74) Fluoranthene	12.89	202	1324673	41.65	nq	98
76) Benzidine	13.06	184	171503	11.51	nq	# 92
77) Pyrene	13.17	202	1317363	48.21	nq	100
79) Butylbenzylphthalate	13.99	149	640609	55.03	nq	88
80) Benzo(a)anthracene	14.64	228	992524	45.21	nq	99
81) 3,3'-Dichlorobenzidine	14.61	252	198092	25.24	nq	# 97
82) Chrysene	14.69	228	855511	41.99	nq	100
83) Bis(2-ethylhexyl)phthalate	14.70	149	871790	54.89	nq	# 100
84) Di-n-octyl phthalate	15.45	149	1418230	53.45	nq	97
85) Indeno(1,2,3-cd)pyrene	17.64	276	776372	44.00	nq	100
87) Benzo(b)fluoranthene	15.87	252	796344	45.25	nq	98
88) Benzo(k)fluoranthene	15.90	252	761719	44.23	nq	# 95
89) Benzo(a)pyrene	16.22	252	746061	46.03	nq	98
90) Dibenzo(a,h)anthracene	17.67	278	648109	47.22	nq	98
91) Benzo(g,h,i)perylene	18.05	276	622511	45.00	nq	97

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

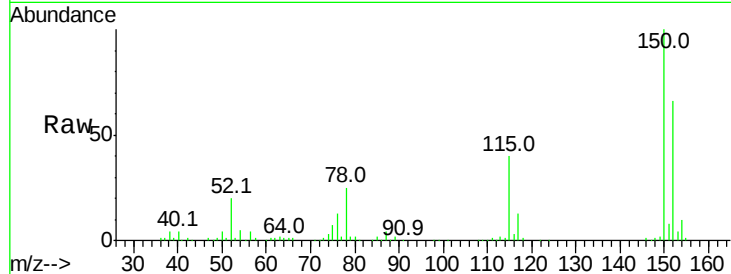


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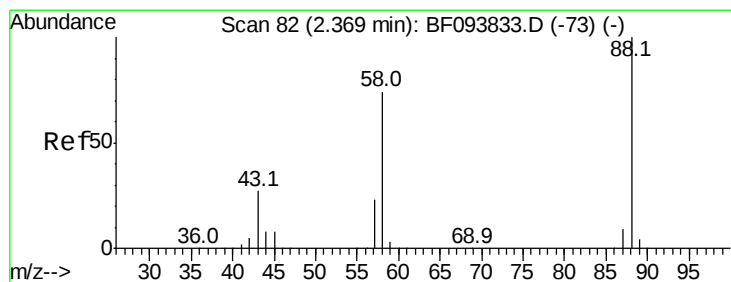
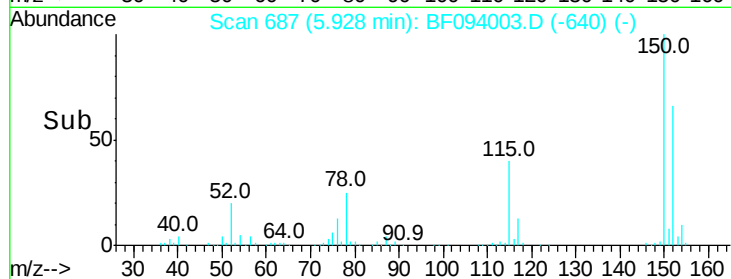
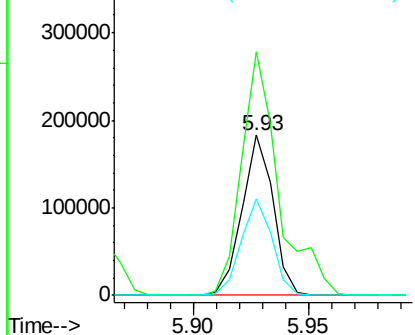
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 171521
Ion Ratio Lower Upper
152 100
150 152.1 126.2 189.2
115 60.1 52.2 78.2



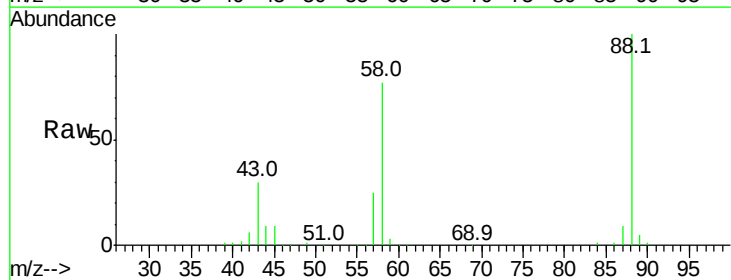
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



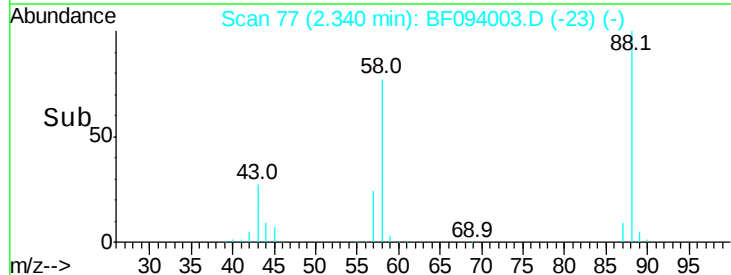
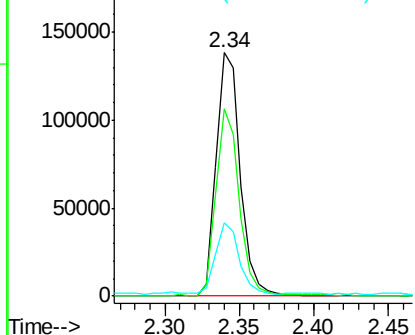
#2

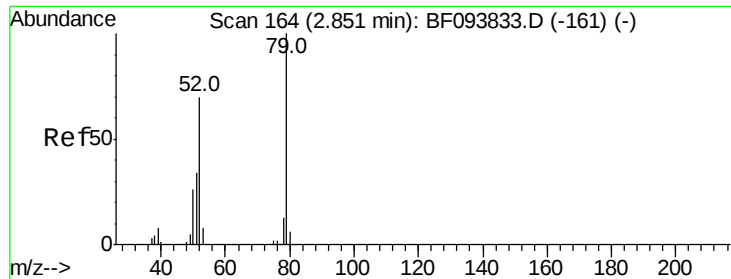
1,4-Dioxane
Concen: 32.17 ng
RT: 2.34 min Scan# 77
Delta R.T. 0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion: 88 Resp: 156948
Ion Ratio Lower Upper
88 100
58 73.8 61.4 92.0
43 29.5 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: 33.67 ng

RT: 2.82 min Scan# 159

Delta R.T. 0.01 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

ClientSampleId :

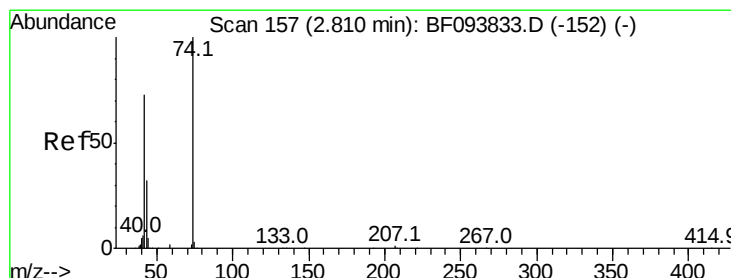
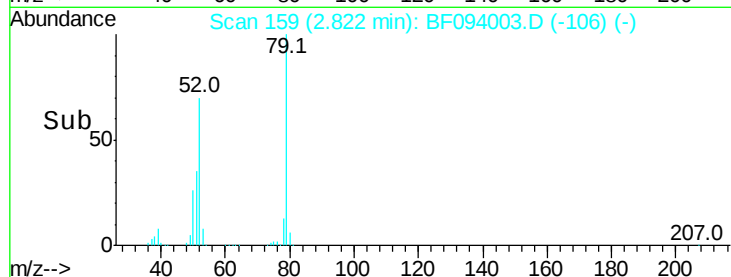
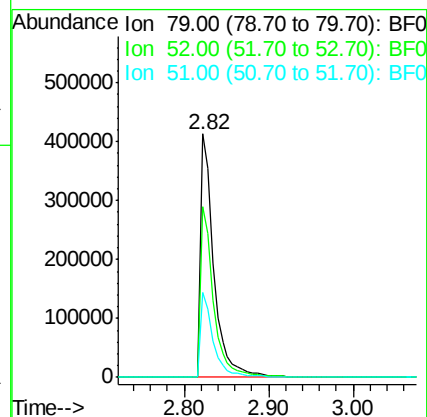
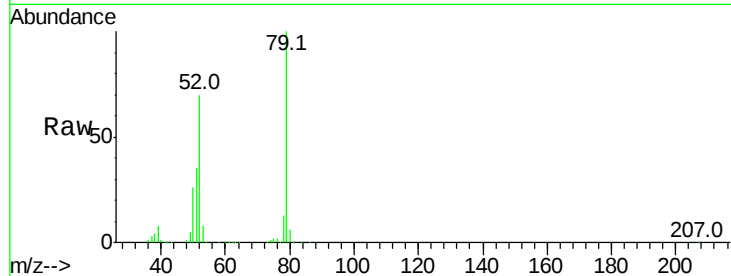
Tot Ion: 79 Resp: 447712

Ion Ratio Lower Upper

79 100

52 70.1 54.8 82.2

51 34.6 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 40.78 ng

RT: 2.79 min Scan# 153

Delta R.T. 0.01 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

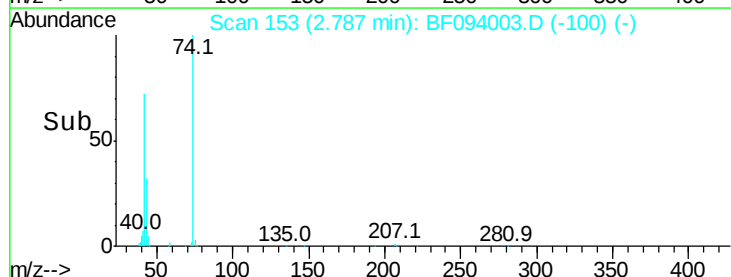
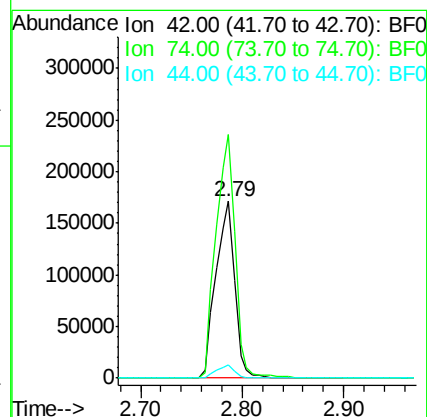
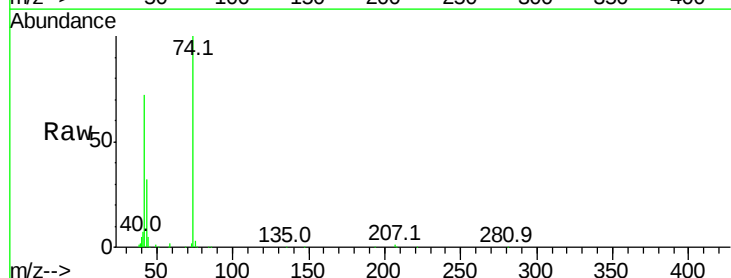
Tgt Ion: 42 Resp: 223130

Ion Ratio Lower Upper

42 100

74 137.9 103.9 155.9

44 7.5 5.7 8.5

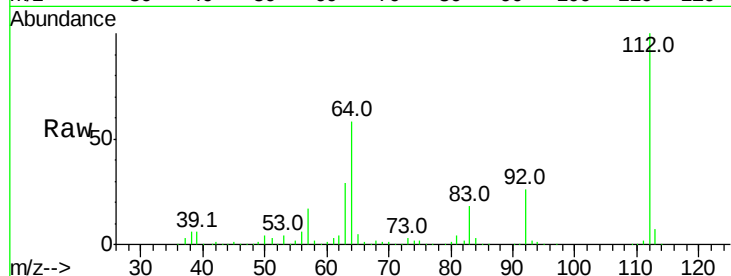




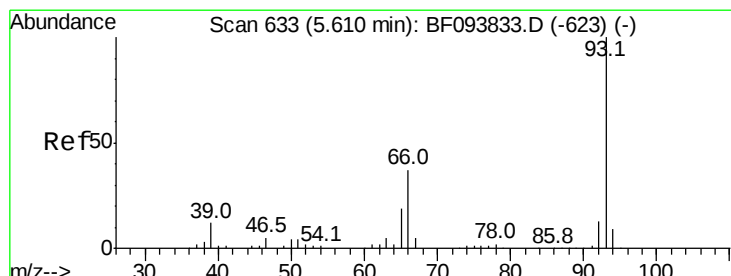
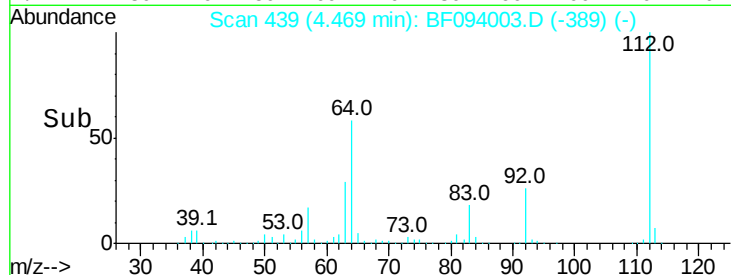
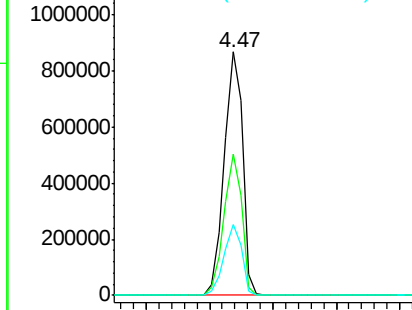
#5
 2-Fluorophenol
 Concen: 86.01 ng
 RT: 4.47 min Scan# 439
 Delta R.T. -0.01 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 112 Resp: 873439
 Ion Ratio Lower Upper
 112 100
 64 58.0 46.0 69.0
 63 29.0 23.4 35.0

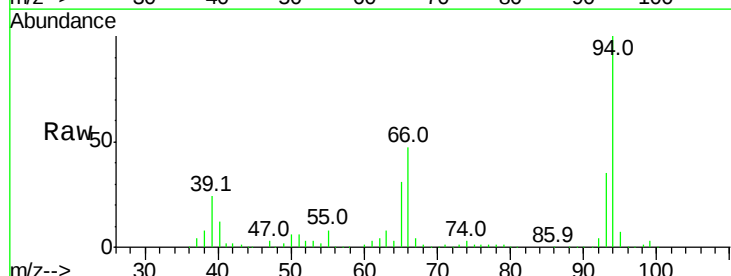


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

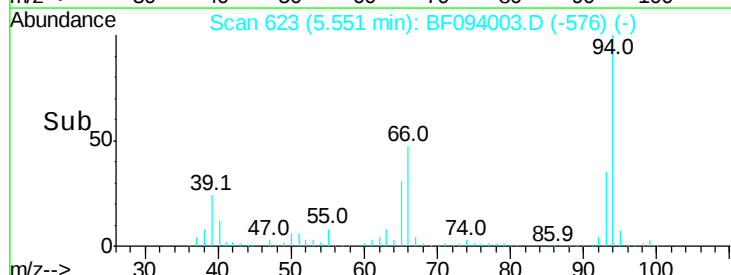
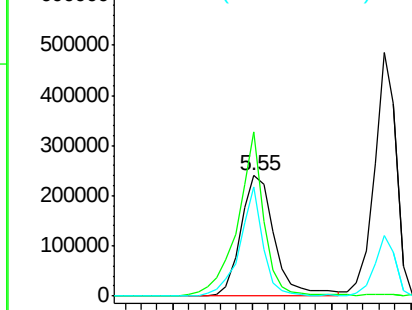


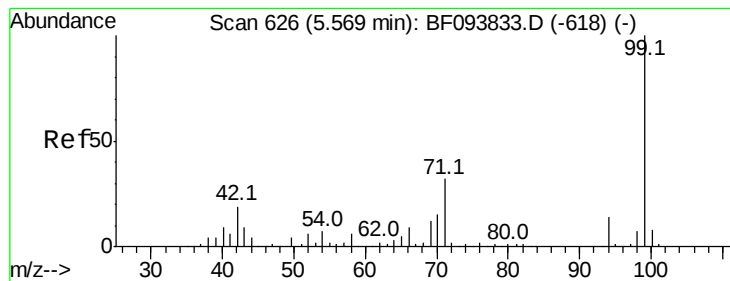
#6
 Aniline
 Concen: 20.31 ng
 RT: 5.55 min Scan# 623
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion: 93 Resp: 354849
 Ion Ratio Lower Upper
 93 100
 66 135.7 32.9 49.3#
 65 90.3 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: 88.17 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

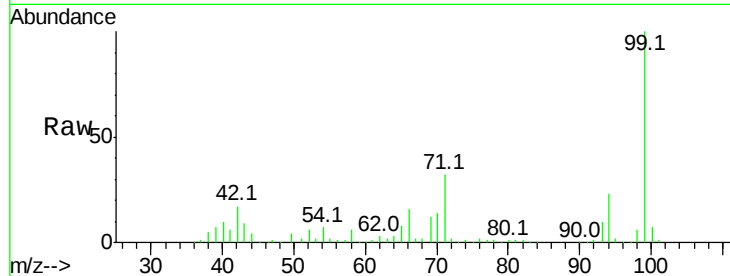
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1107635

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.5	20.3
71	31.9	24.5	36.7

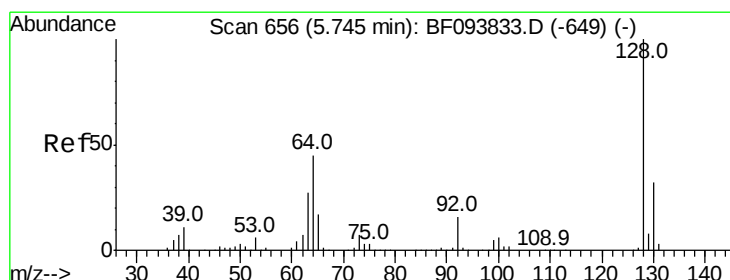
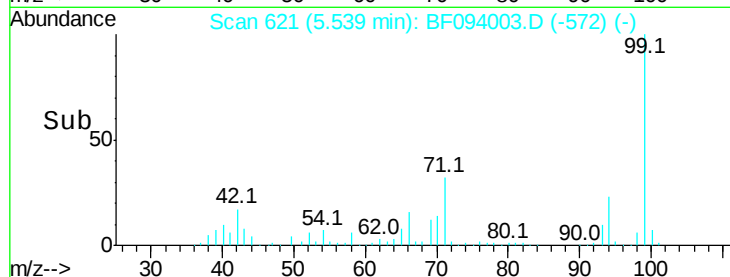
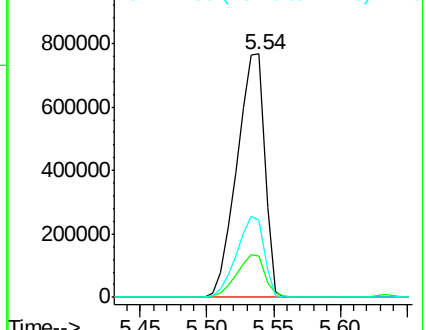


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.93 ng

RT: 5.69 min Scan# 647

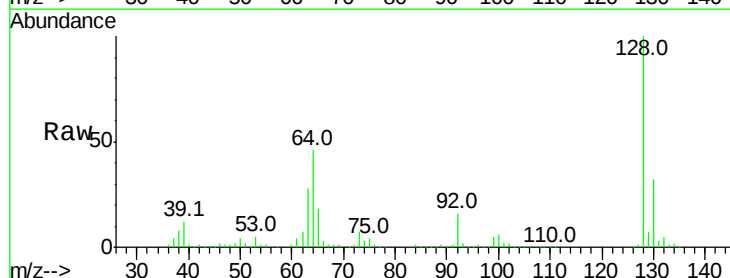
Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Tgt Ion: 128 Resp: 501506

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	46.4	28.4	68.4

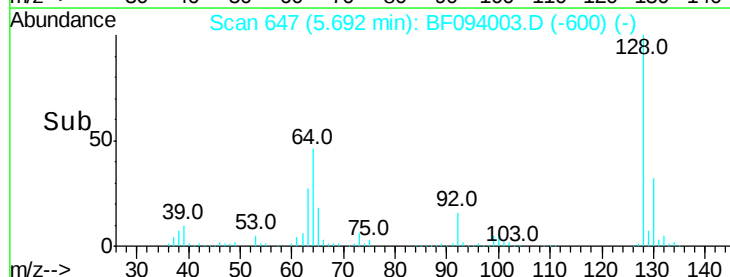
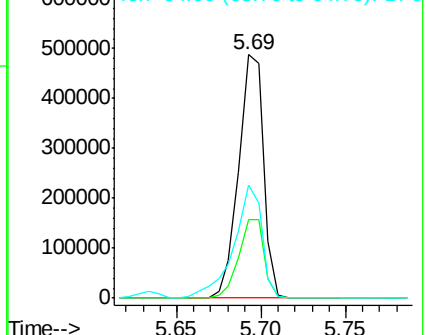


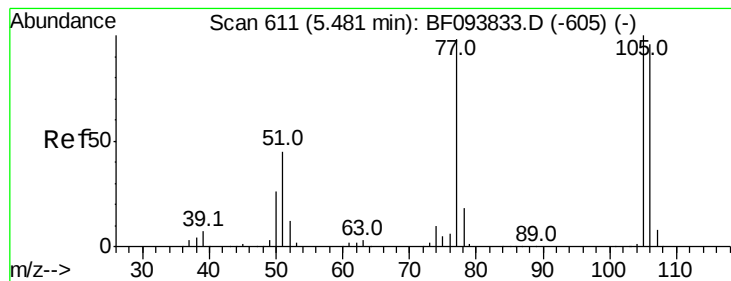
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.56 ng

RT: 5.42 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

ClientSampled :

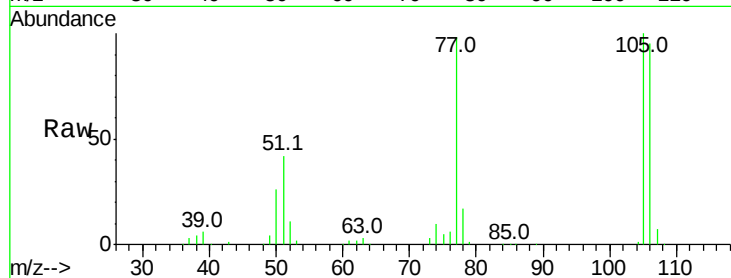
Tot Ion: 77 Resp: 98086

Ion Ratio Lower Upper

77 100

105 102.2 83.8 123.8

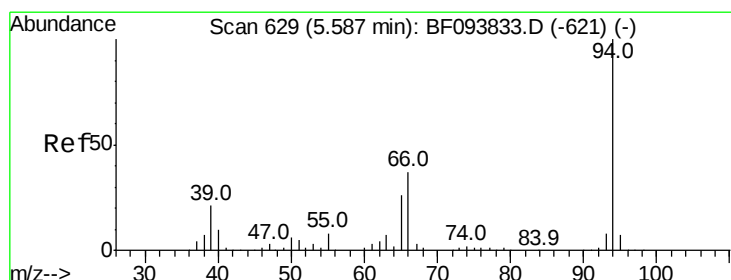
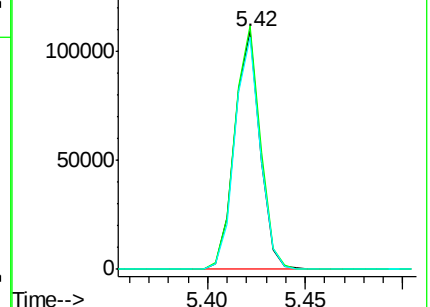
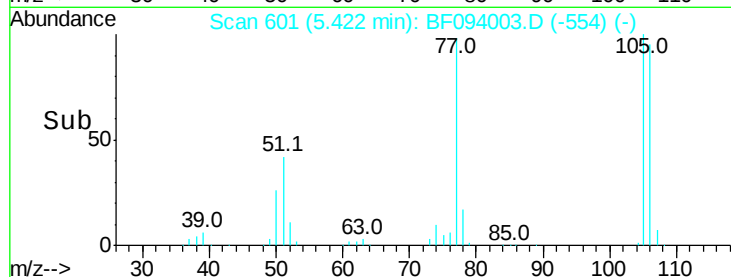
106 97.4 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.29 ng

RT: 5.55 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

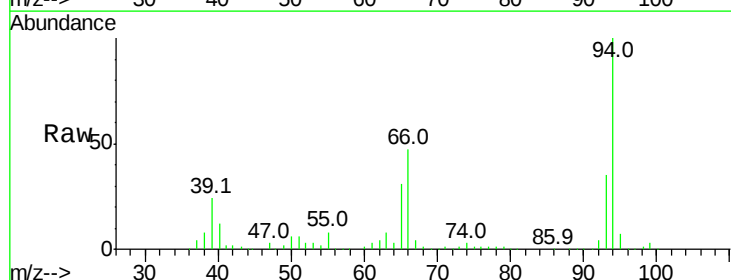
Tgt Ion: 94 Resp: 590319

Ion Ratio Lower Upper

94 100

65 31.4 9.9 49.9

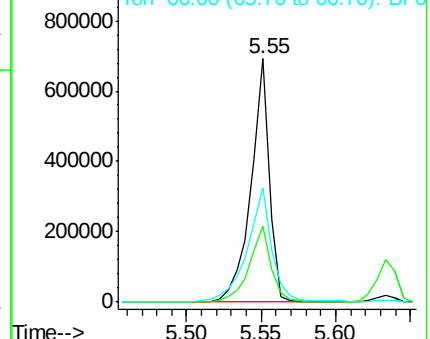
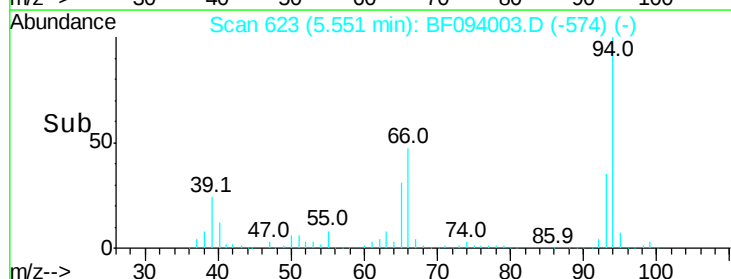
66 47.1 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



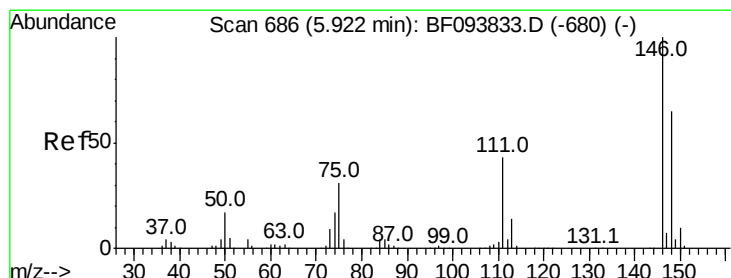
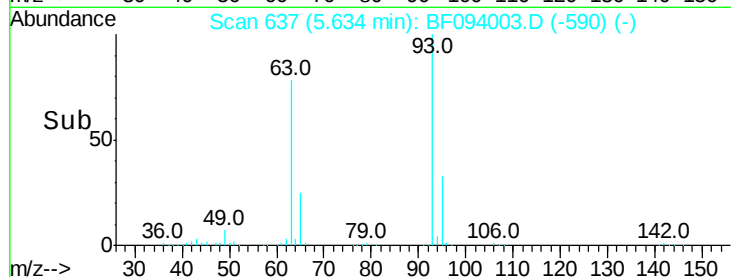
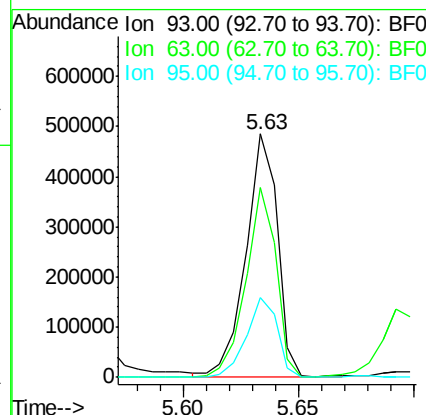
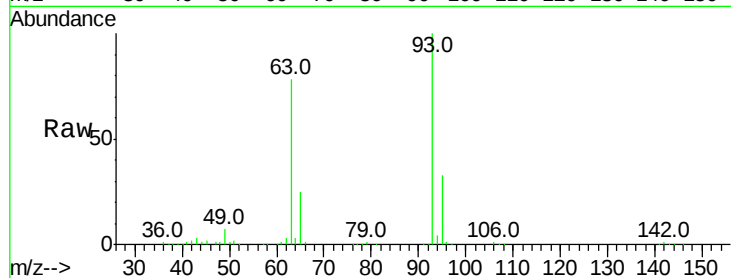


#11
 bis(2-Chloroethyl)ether
 Concen: 41.87 ng
 RT: 5.63 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 467798

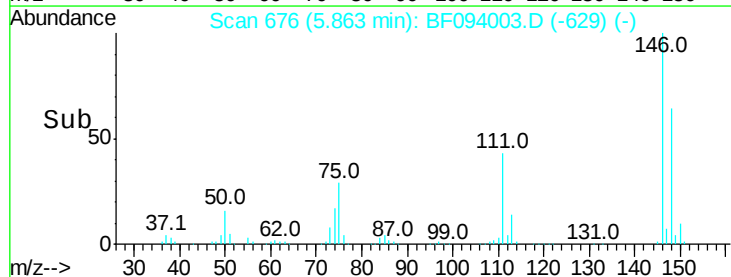
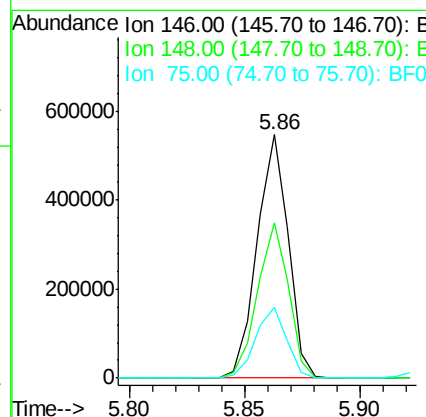
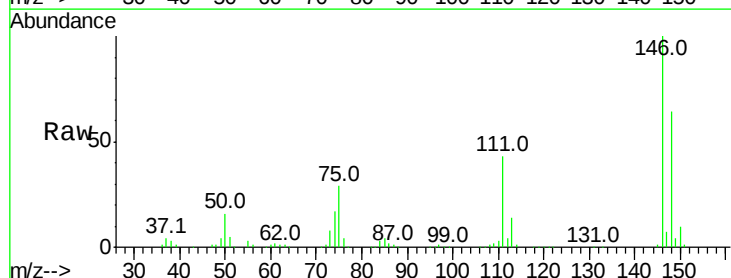
Ion	Ratio	Lower	Upper
93	100		
63	78.0	59.2	99.2
95	32.7	12.8	52.8

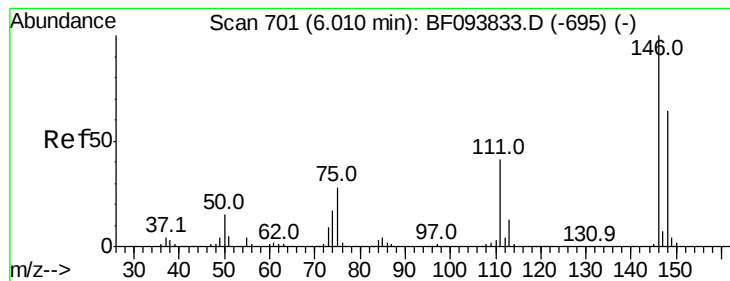


#12
 1,3-Dichlorobenzene
 Concen: 41.24 ng
 RT: 5.86 min Scan# 676
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion: 146 Resp: 516388

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.6
75	29.0	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 41.07 ng

RT: 5.95 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

ClientSampleId :

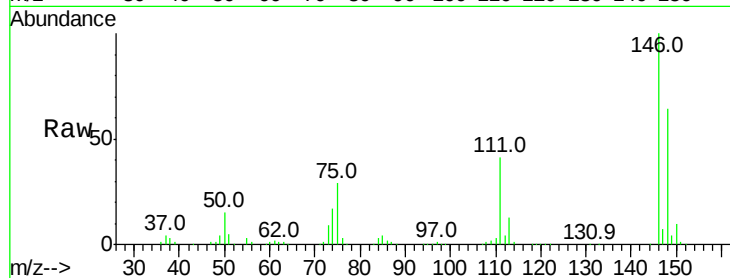
Tot Ion:146 Resp: 520763

Ion Ratio Lower Upper

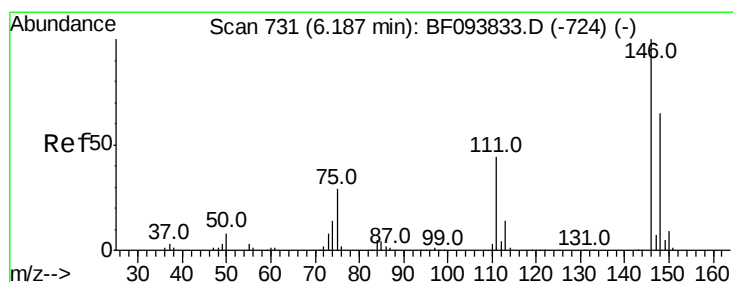
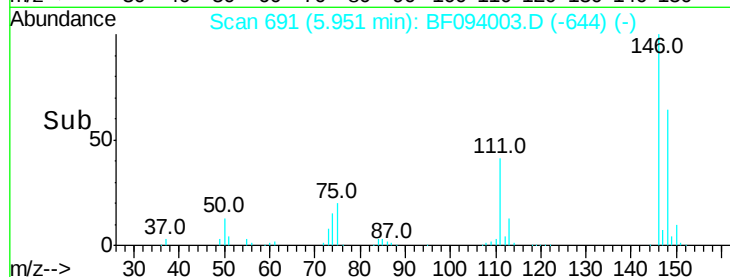
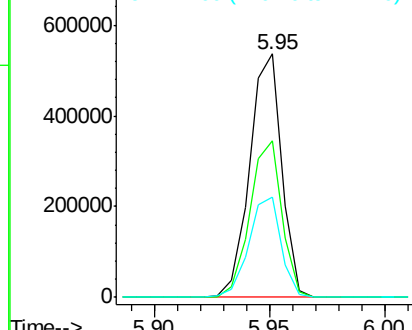
146 100

148 64.3 52.2 78.2

111 41.2 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 41.74 ng

RT: 6.13 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

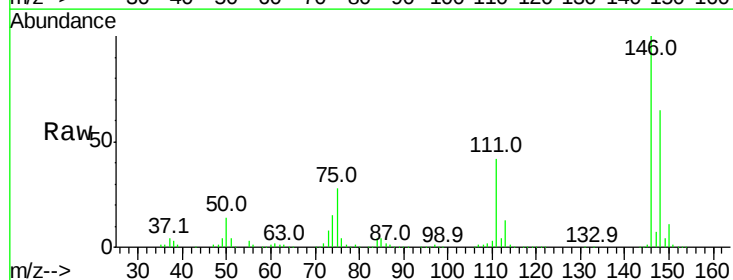
Tgt Ion:146 Resp: 487463

Ion Ratio Lower Upper

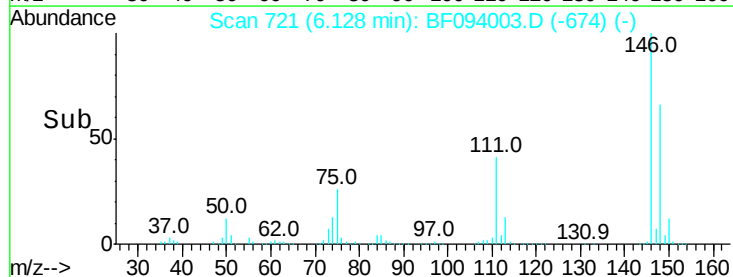
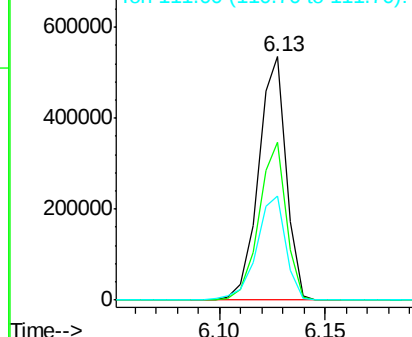
146 100

148 65.1 50.4 75.6

111 42.5 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: 43.20 ng

RT: 6.10 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

ClientSampleId :

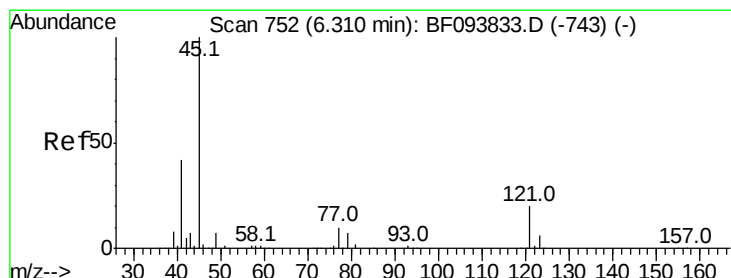
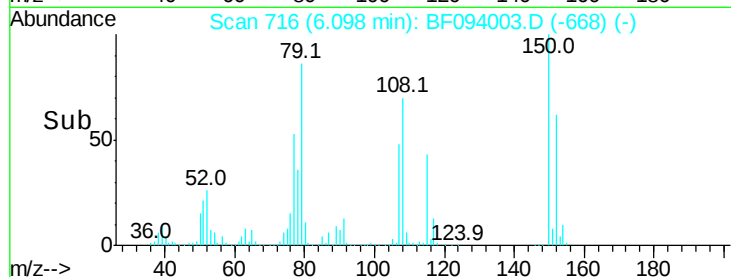
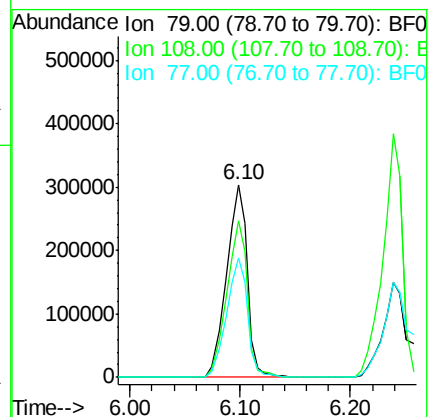
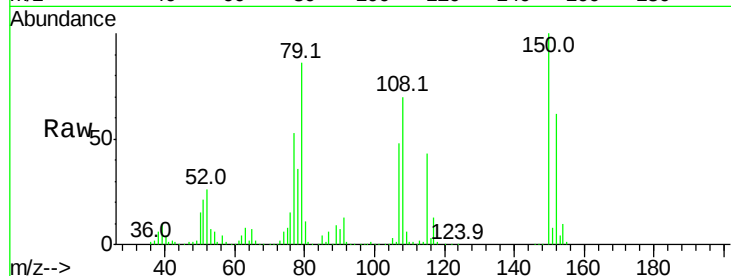
Tot Ion: 79 Resp: 397232

Ion Ratio Lower Upper

79 100

108 80.9 63.4 95.0

77 61.9 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.42 ng

RT: 6.26 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

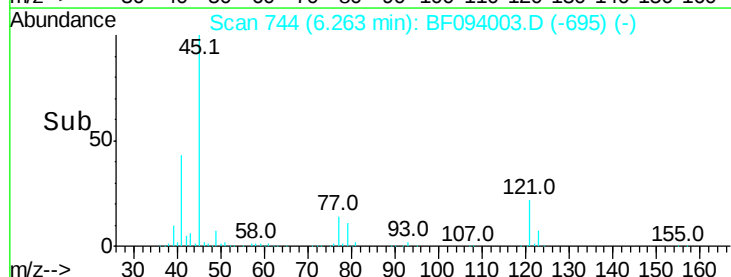
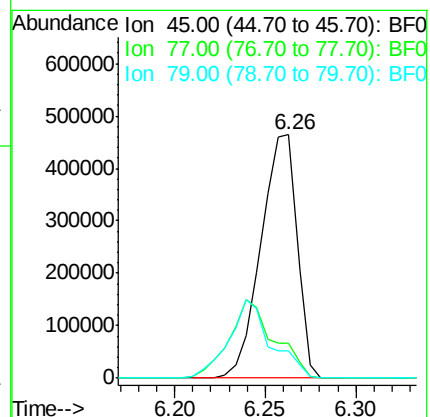
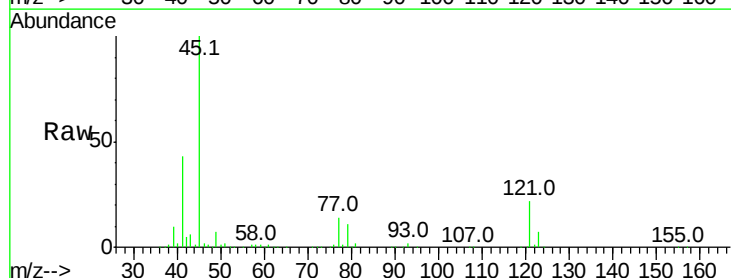
Tgt Ion: 45 Resp: 644271

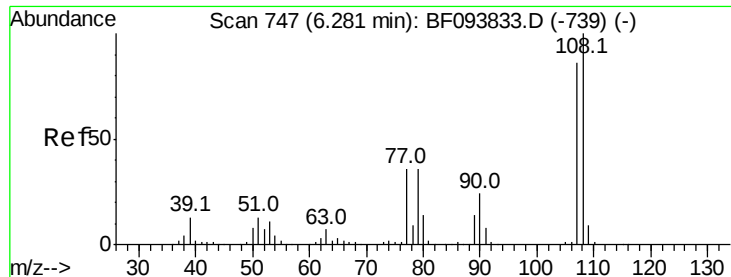
Ion Ratio Lower Upper

45 100

77 14.3 0.0 33.2

79 11.2 0.0 30.0

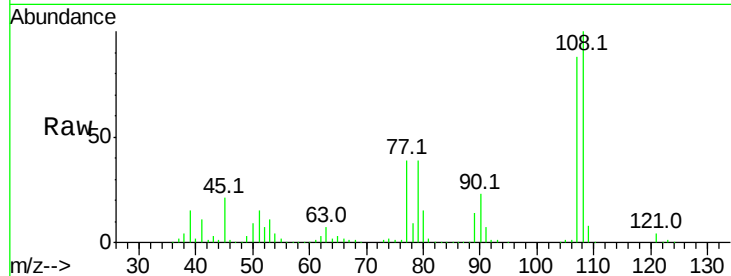




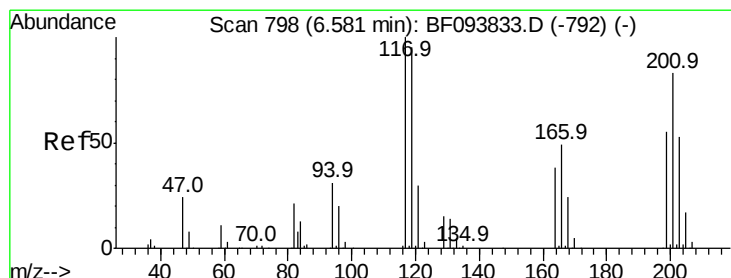
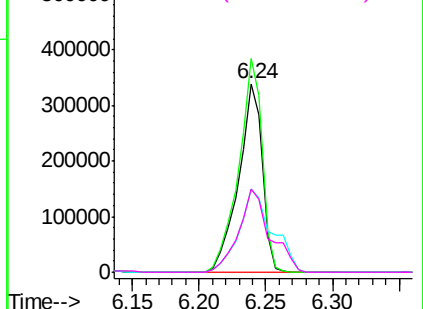
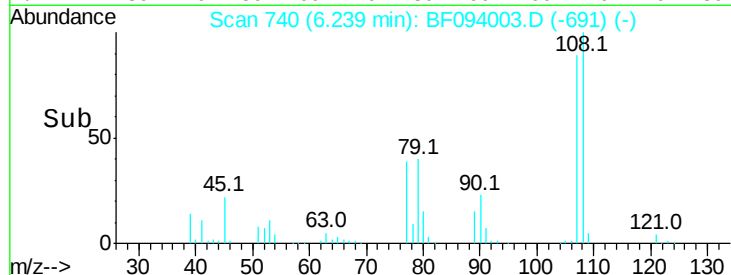
#17
2-Methylphenol
Concen: 43.54 ng
RT: 6.24 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 416227
Ion Ratio Lower Upper
107 100
108 113.3 93.4 140.0
77 44.3 35.8 53.6
79 44.3 34.8 52.2

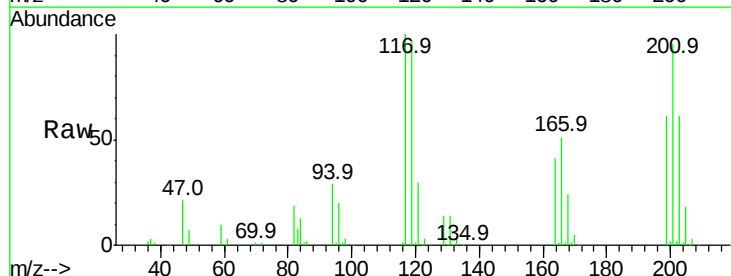


Abundance Ion 107.00 (106.70 to 107.70): E
600000
Ion 108.00 (107.70 to 108.70): E
500000
Ion 77.00 (76.70 to 77.70): BF0
400000
Ion 79.00 (78.70 to 79.70): BF0
300000
200000
100000
0

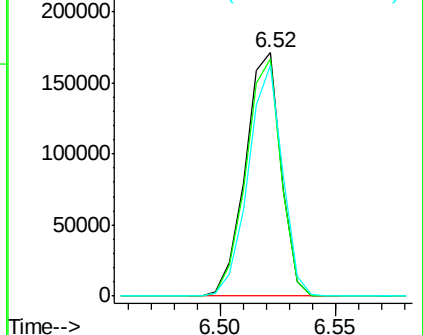
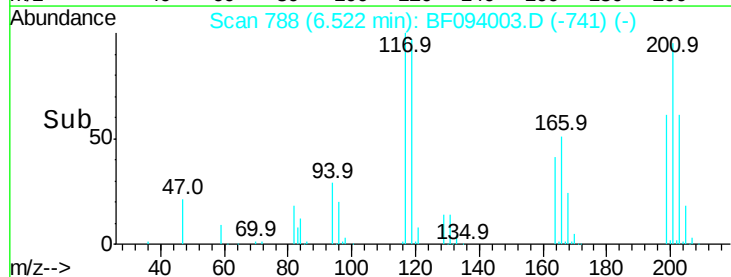


#18
Hexachloroethane
Concen: 41.39 ng
RT: 6.52 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion:117 Resp: 184492
Ion Ratio Lower Upper
117 100
119 97.3 77.4 116.0
201 94.9 94.6 141.8



Abundance Ion 117.00 (116.70 to 117.70): E
200000
Ion 119.00 (118.70 to 119.70): E
150000
Ion 201.00 (200.70 to 201.70): E
100000
50000
0

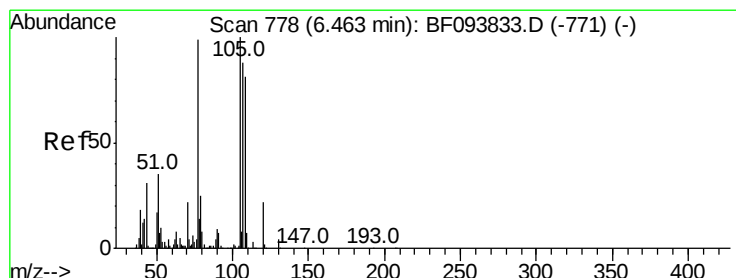
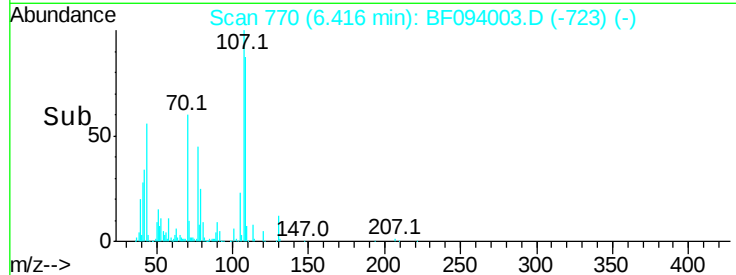
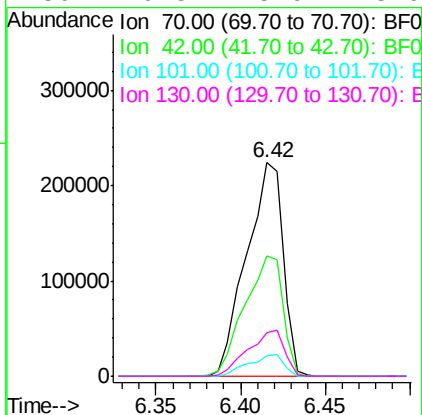
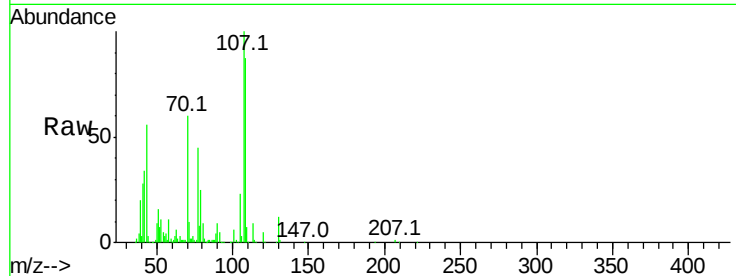




#19
n-Nitroso-di-n-propylamine
Concen: 41.83 ng
RT: 6.42 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

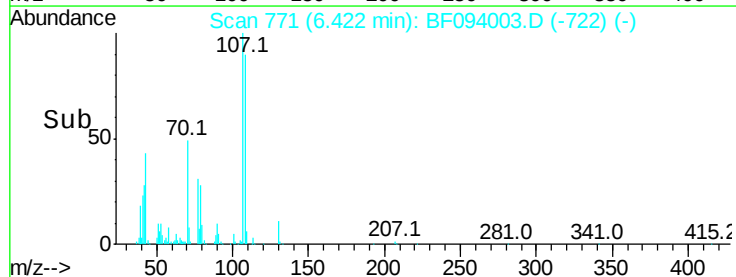
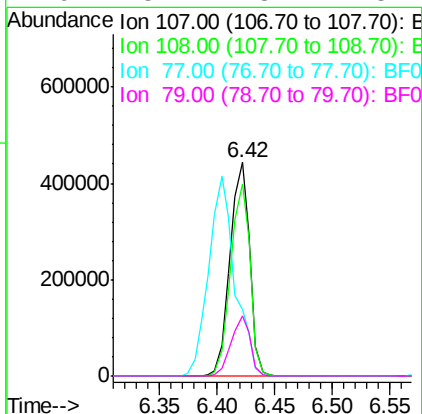
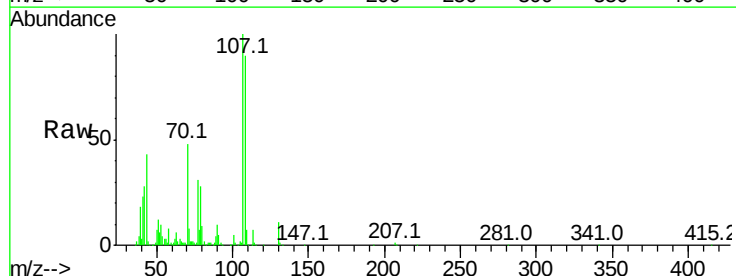
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 337747
Ion Ratio Lower Upper
70 100
42 56.5 47.2 70.8
101 9.7 7.2 10.8
130 20.5 15.9 23.9



#20
3+4-Methylphenols
Concen: 45.06 ng
RT: 6.42 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion: 107 Resp: 521706
Ion Ratio Lower Upper
107 100
108 90.1 71.0 111.0
77 31.1 90.5 130.5#
79 28.1 8.4 48.4

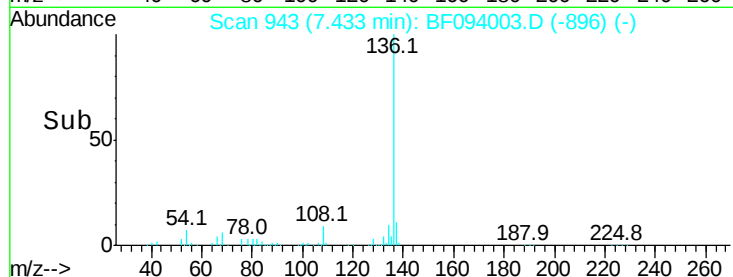
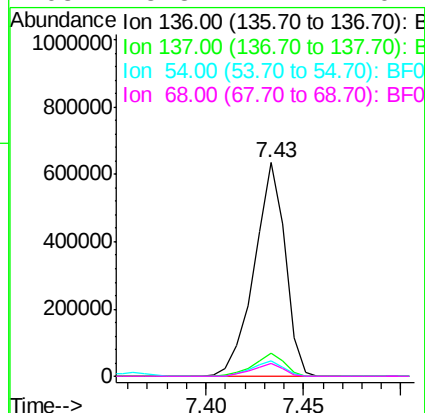
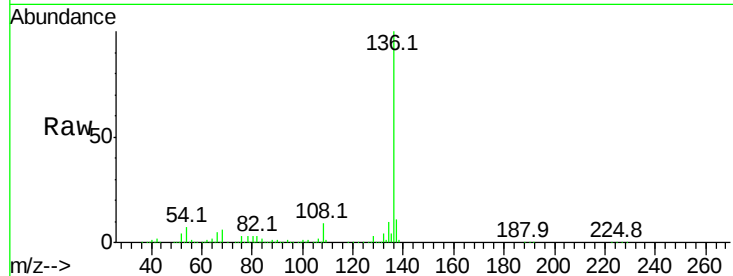




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.43 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

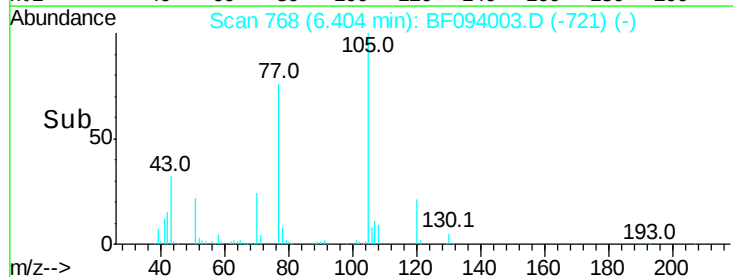
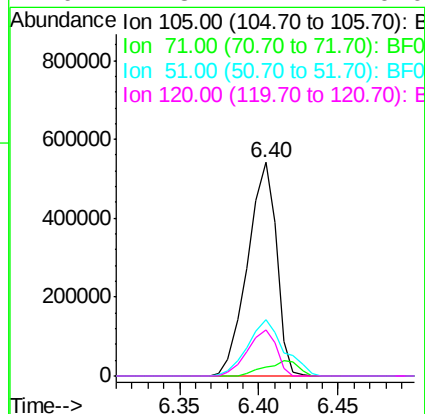
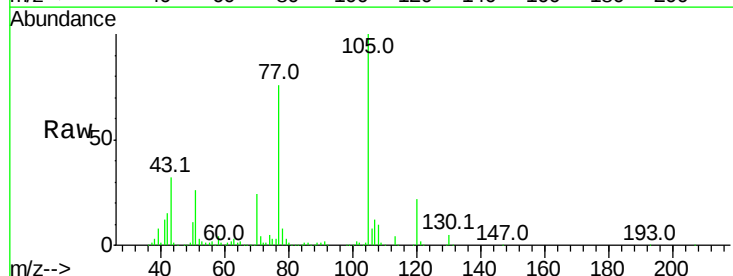
Instrument :
BNA_F
ClientSampleId :

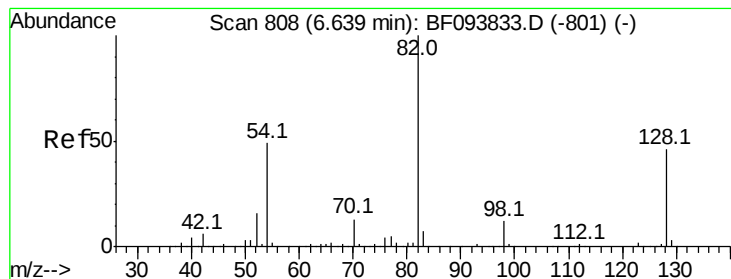
Tot Ion:136	Resp: 696868
Ion Ratio	Lower Upper
136 100	
137 10.8	8.5 12.7
54 7.0	4.9 7.3
68 5.8	4.1 6.1



#22
Acetophenone
Concen: 44.13 ng
RT: 6.40 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt	Ion:105	Resp:	685469
Ion	Ratio	Lower	Upper
105	100		
71	4.2	2.8	4.2#
51	26.2	30.7	46.1#
120	21.8	17.4	26.0





#23

Nitrobenzene-d5

Concen: 81.33 ng

RT: 6.59 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

ClientSampleId :

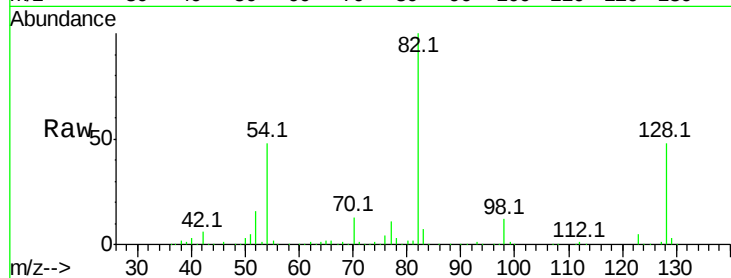
Tot Ion: 82 Resp: 993182

Ion Ratio Lower Upper

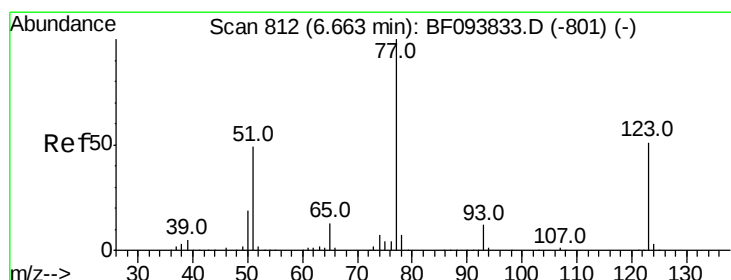
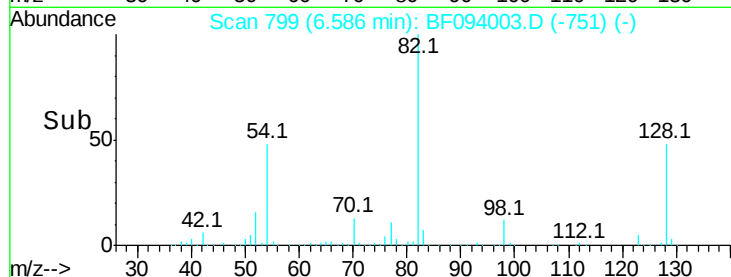
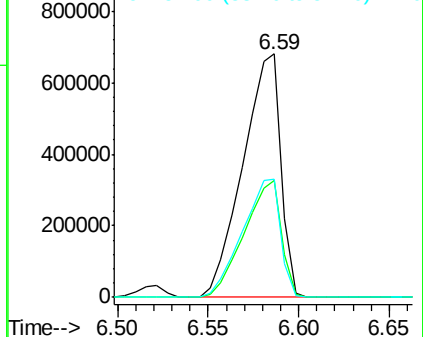
82 100

128 48.0 34.0 51.0

54 48.4 42.2 63.2



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



#24

Nitrobenzene

Concen: 41.97 ng

RT: 6.60 min Scan# 802

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

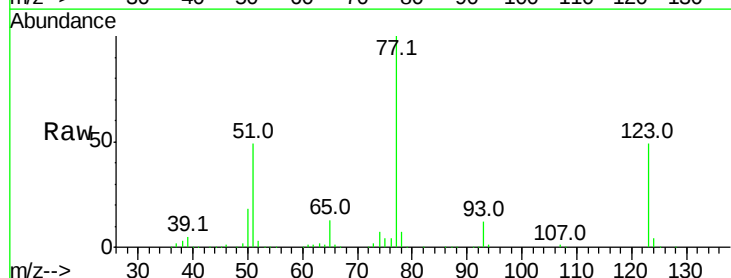
Tgt Ion: 77 Resp: 505447

Ion Ratio Lower Upper

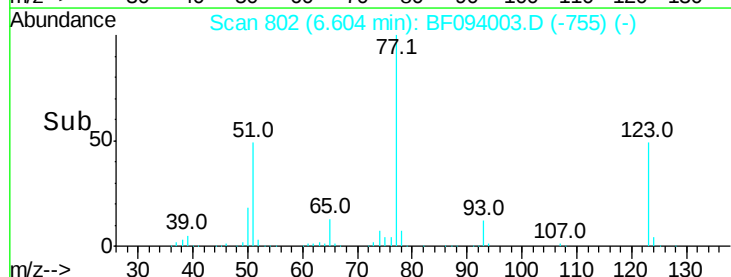
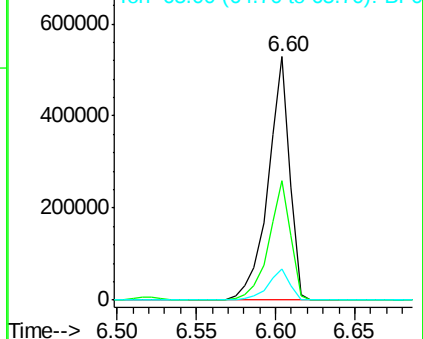
77 100

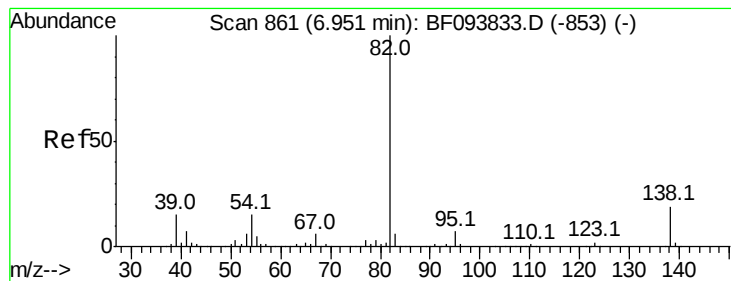
123 49.2 35.8 53.8

65 13.0 10.6 15.8



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





#25

Isophorone

Concen: 43.03 ng

RT: 6.89 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

ClientSampleId :

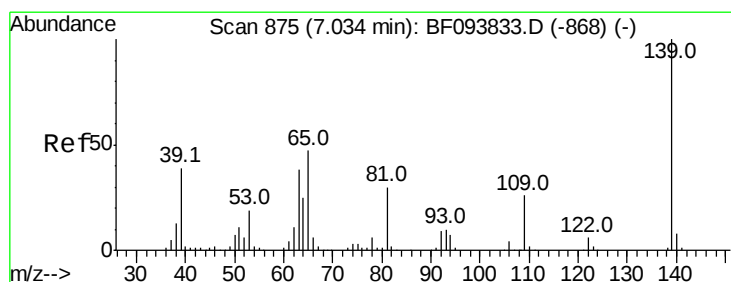
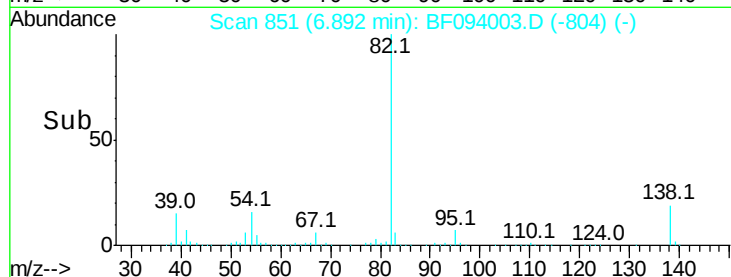
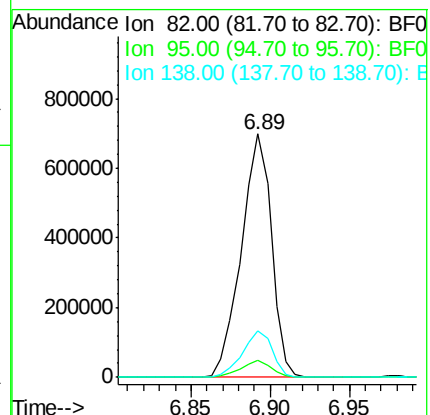
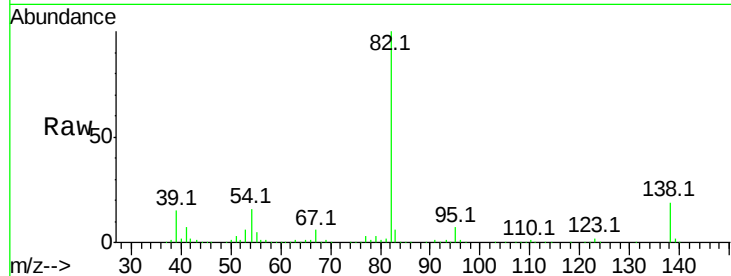
Tot Ion: 82 Resp: 923229

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 19.2 13.1 19.7



#26

2-Nitrophenol

Concen: 49.08 ng

RT: 6.98 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

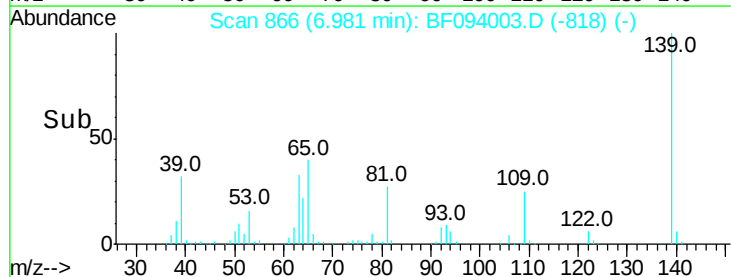
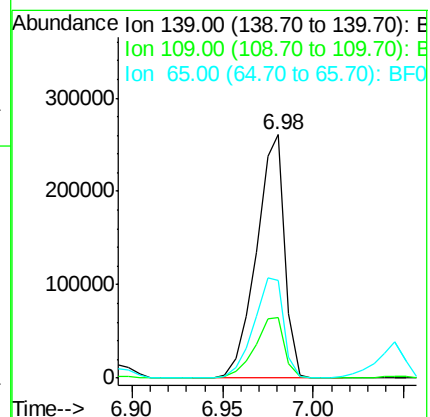
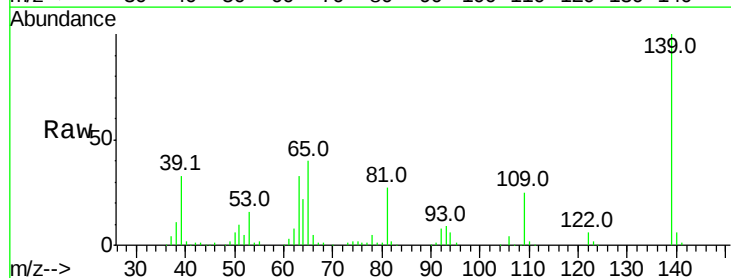
Tgt Ion:139 Resp: 281869

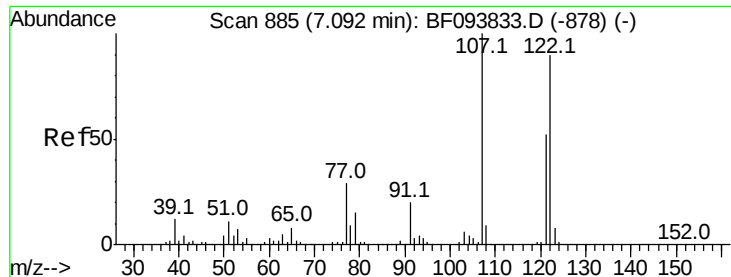
Ion Ratio Lower Upper

139 100

109 24.8 21.0 31.6

65 40.3 33.0 49.6

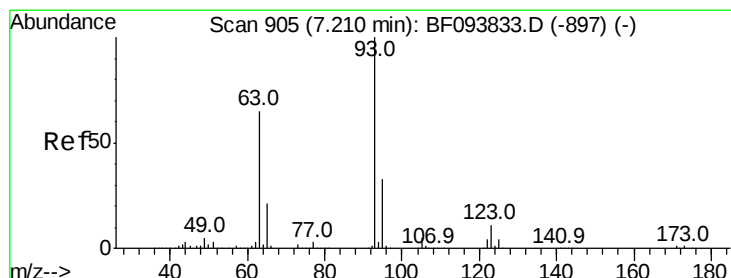
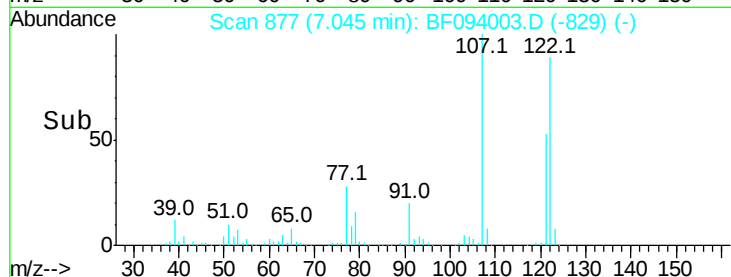
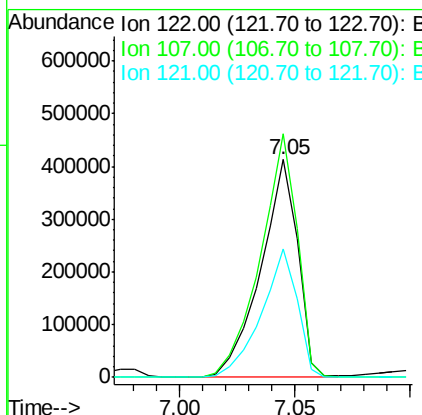
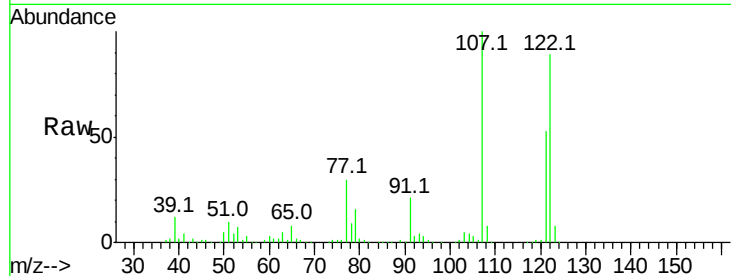




#27
 2,4-Dimethylphenol
 Concen: 46.43 ng
 RT: 7.05 min Scan# 877
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

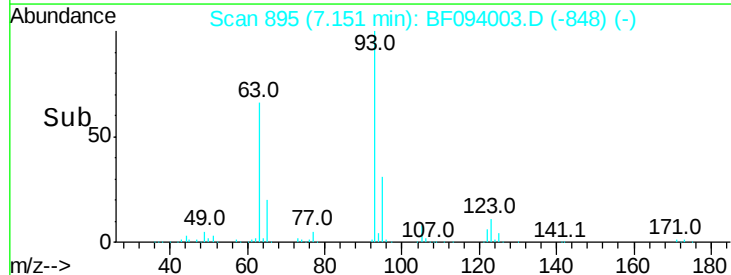
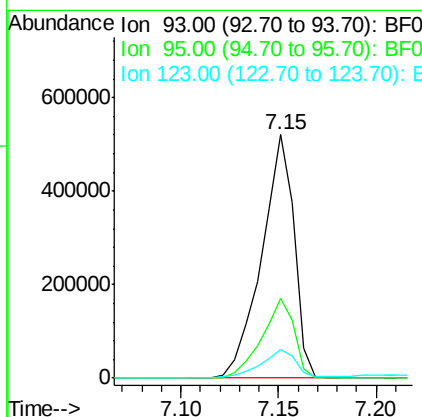
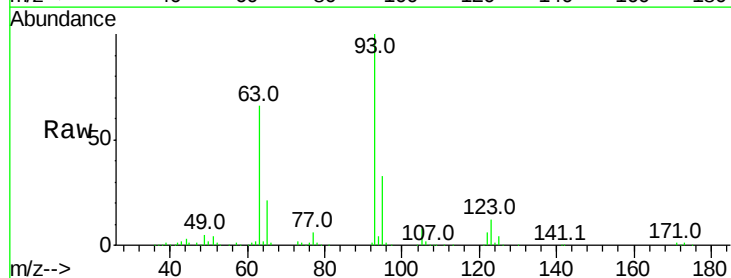
Instrument :
 BNA_F
 ClientSampleId :

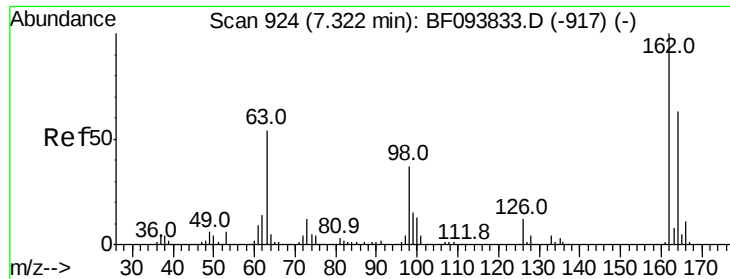
Tot Ion:122 Resp: 459475
 Ion Ratio Lower Upper
 122 100
 107 111.9 89.2 133.8
 121 59.1 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.20 ng
 RT: 7.15 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion: 93 Resp: 597061
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.5 39.7
 123 11.6 9.0 13.4

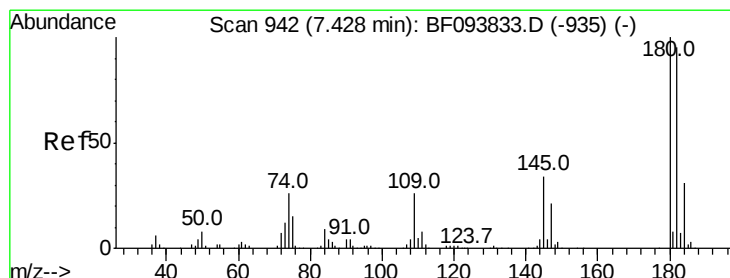
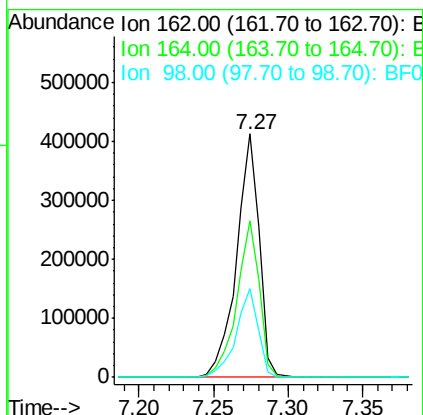
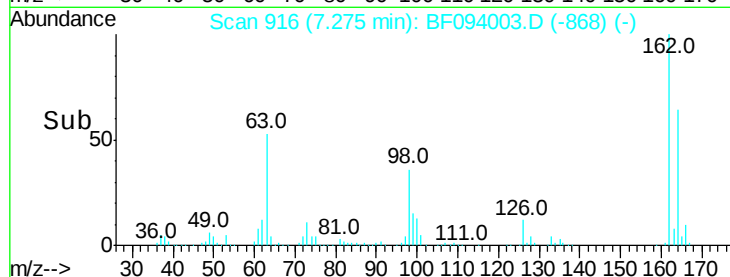
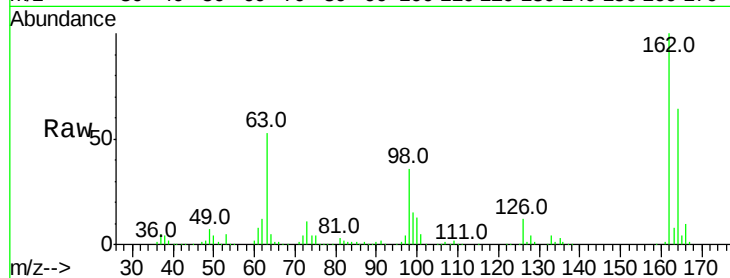




#29
 2,4-Dichlorophenol
 Concen: 47.19 ng
 RT: 7.27 min Scan# 916
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

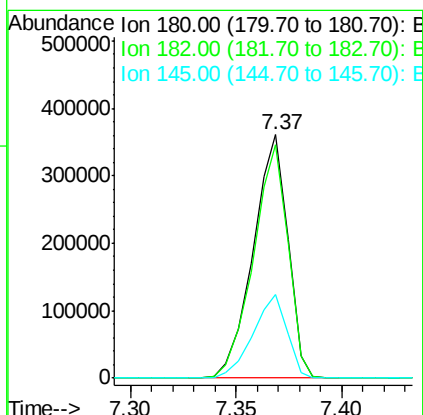
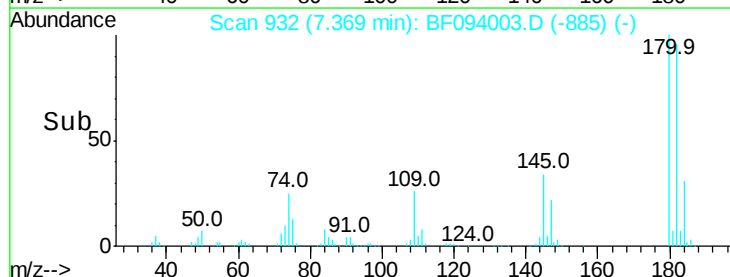
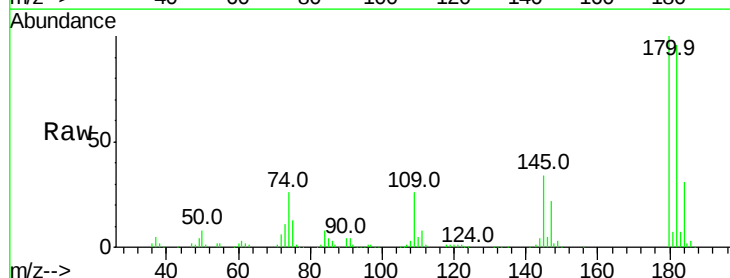
Instrument :
 BNA_F
 ClientSampled :

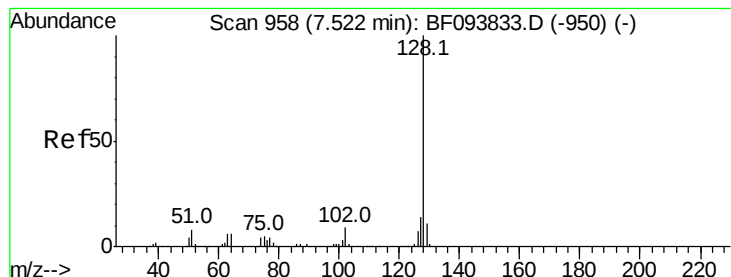
Tot Ion:	162	Resp:	436648
Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.6	84.6
98	36.3	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 43.32 ng
 RT: 7.37 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion:	180	Resp:	412868
Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.8	113.6
145	34.2	25.3	37.9





#31

Naphthalene

Concen: 41.62 ng

RT: 7.46 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

ClientSampleId :

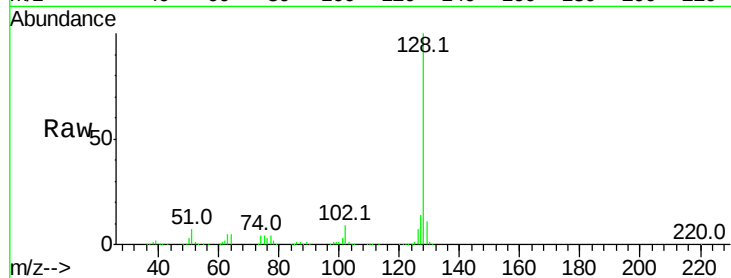
Tot Ion:128 Resp: 1394501

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

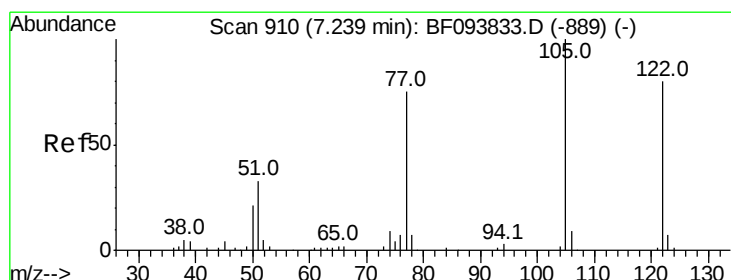
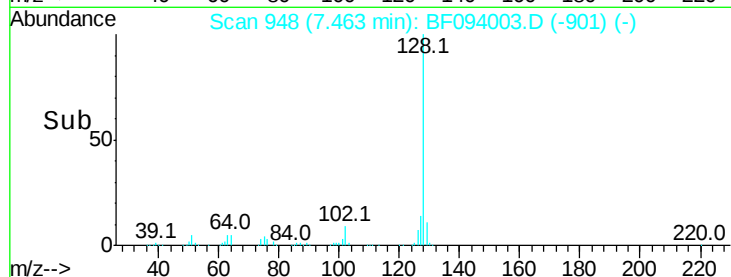
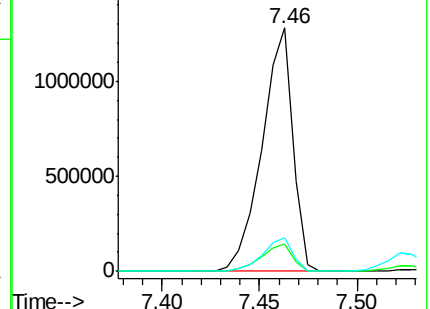
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.45 ng

RT: 7.22 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

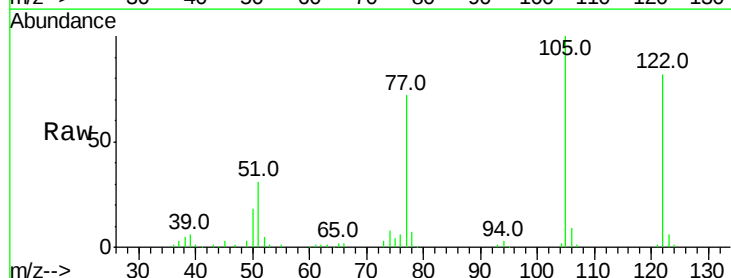
Tgt Ion:122 Resp: 332367

Ion Ratio Lower Upper

122 100

105 121.6 103.3 143.3

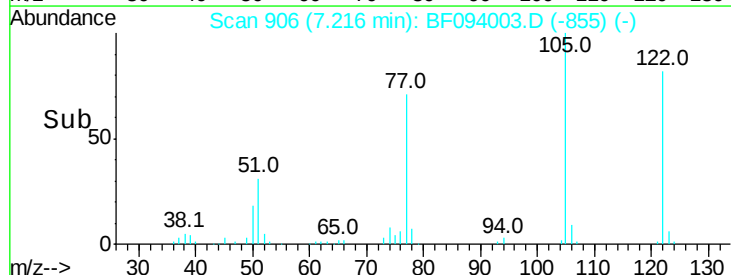
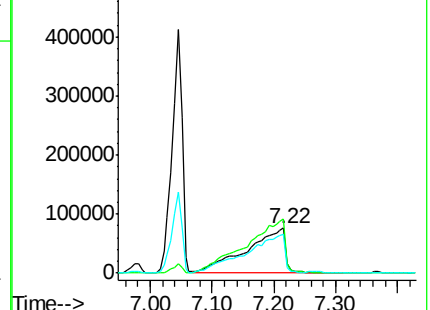
77 87.3 73.7 113.7



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: 10.93 ng

RT: 7.52 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 148386

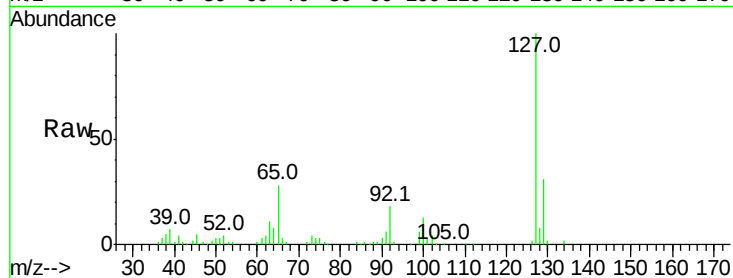
Ion Ratio Lower Upper

127 100

129 31.0 26.2 39.2

65 27.7 27.8 41.8#

92 18.3 16.8 25.2

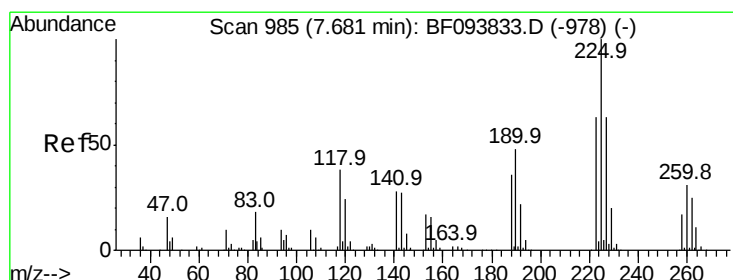
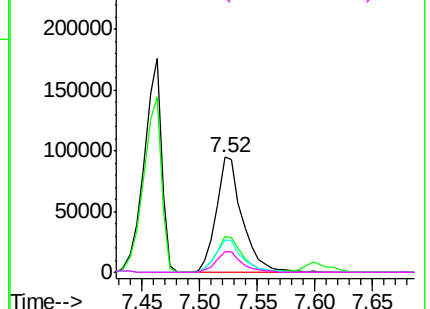
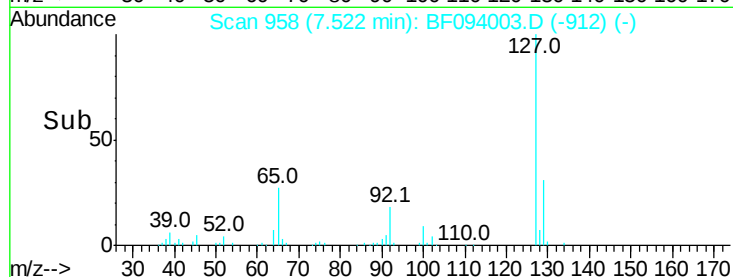


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 43.45 ng

RT: 7.62 min Scan# 974

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

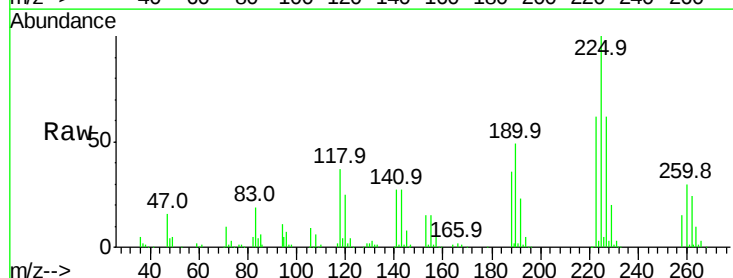
Tgt Ion:225 Resp: 212343

Ion Ratio Lower Upper

225 100

223 61.9 48.8 73.2

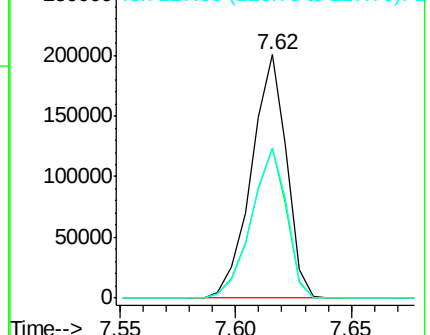
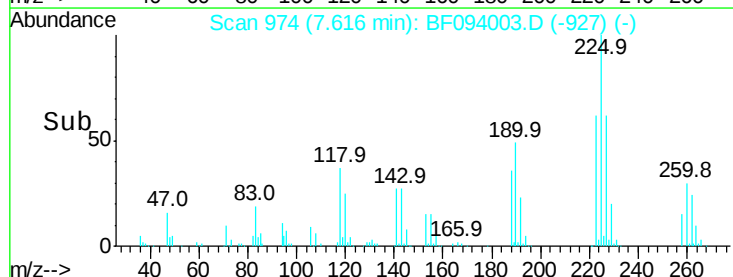
227 61.9 51.1 76.7

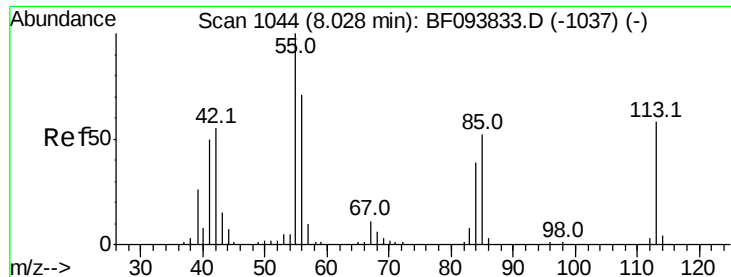


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

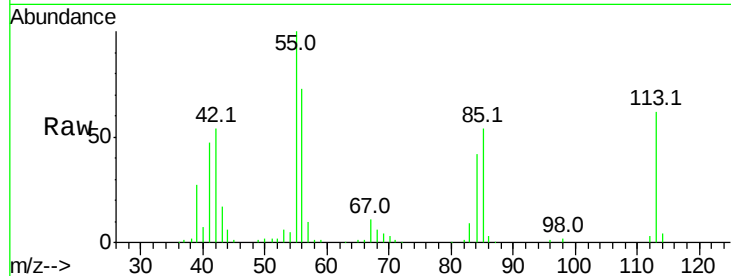




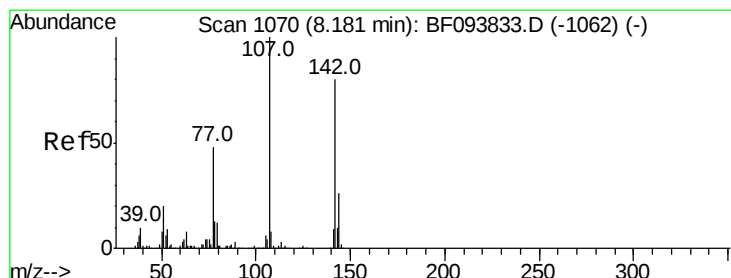
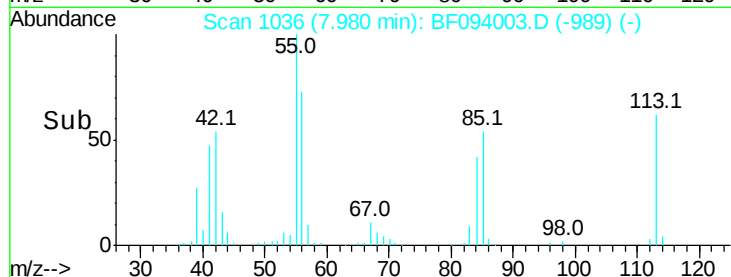
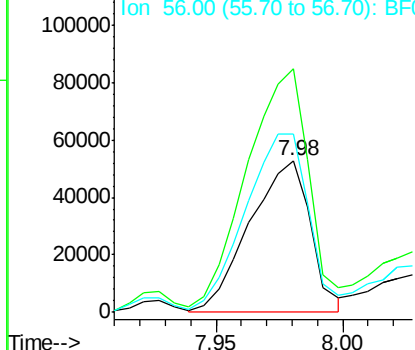
#35
 Caprolactam
 Concen: 30.10 ng
 RT: 7.98 min Scan# 1036
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 88813
 Ion Ratio Lower Upper
 113 100
 55 160.3 150.2 190.2
 56 117.4 107.8 147.8

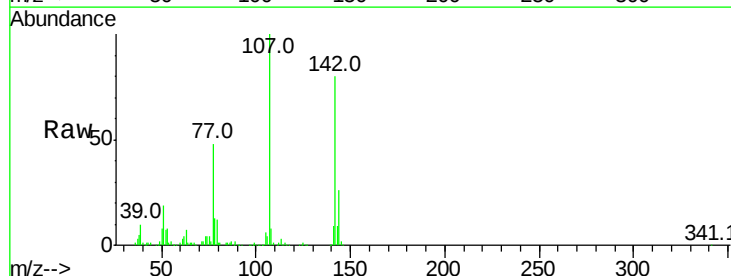


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

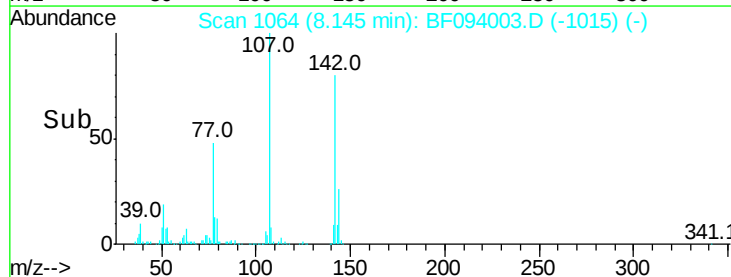
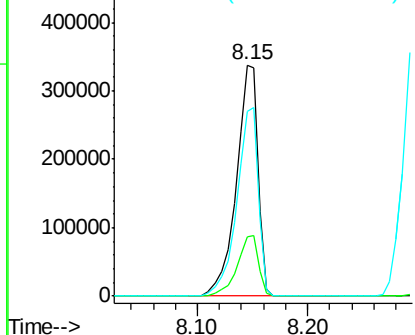


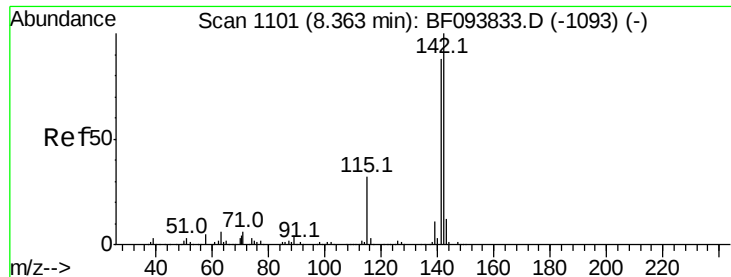
#36
 4-Chloro-3-methylphenol
 Concen: 48.11 ng
 RT: 8.15 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion:107 Resp: 465164
 Ion Ratio Lower Upper
 107 100
 144 25.7 24.2 36.4
 142 79.9 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: 44.30 ng

RT: 8.30 min Scan# 1091

Delta R.T. -0.02 min

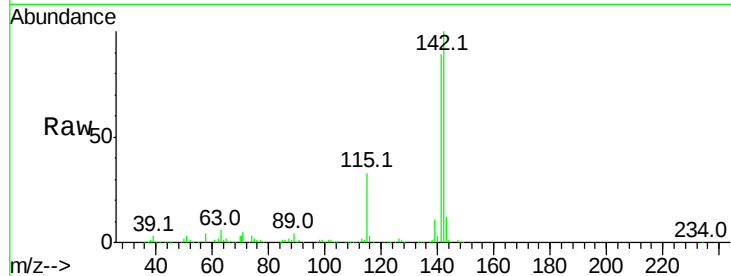
Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 989418

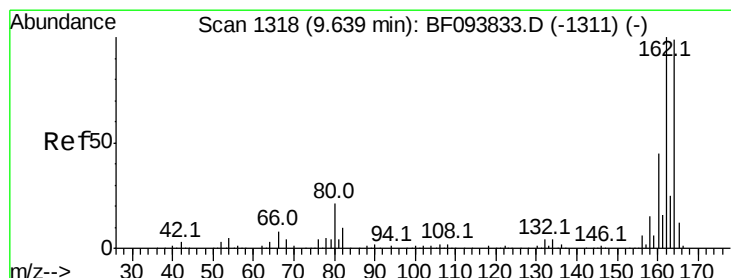
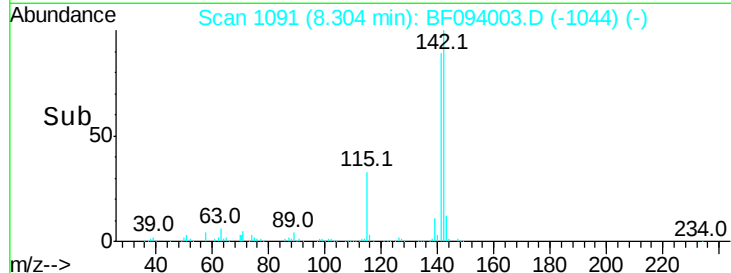
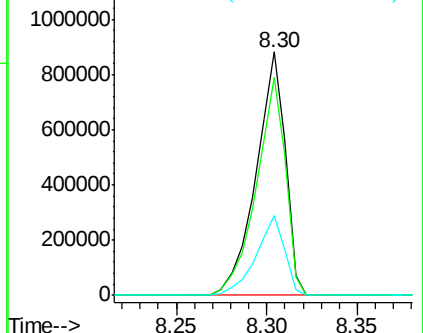
Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.3	106.9
115	32.6	27.1	40.7



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: BF094003.D

Acq: 28 Mar 2017 20:08

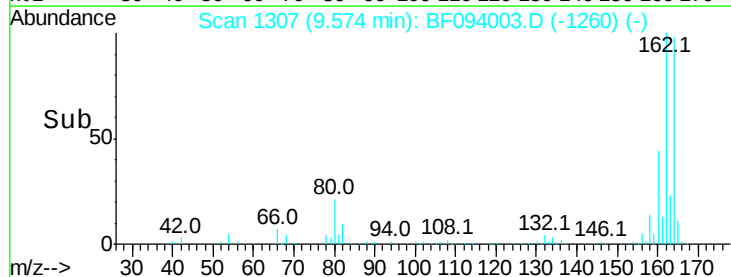
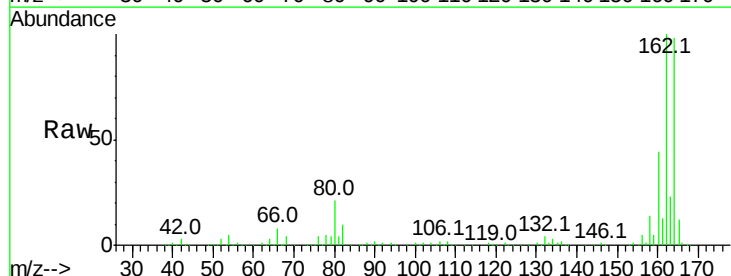
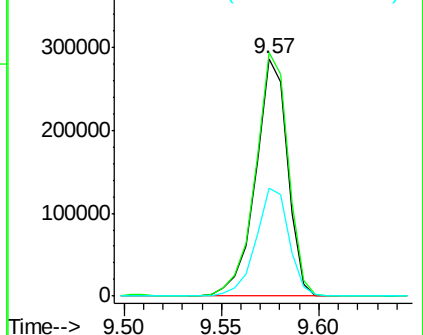
Tgt Ion:164 Resp: 324640

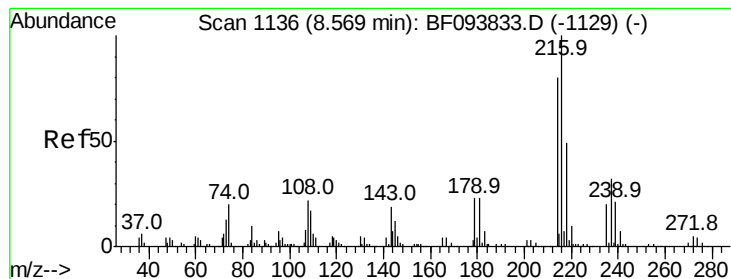
Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	45.2	36.2	54.2

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

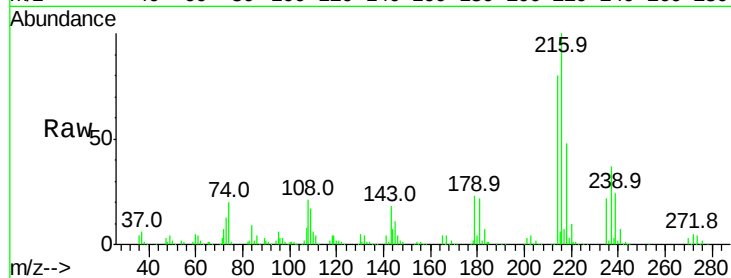




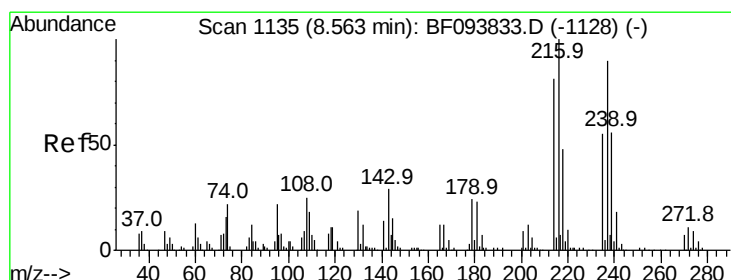
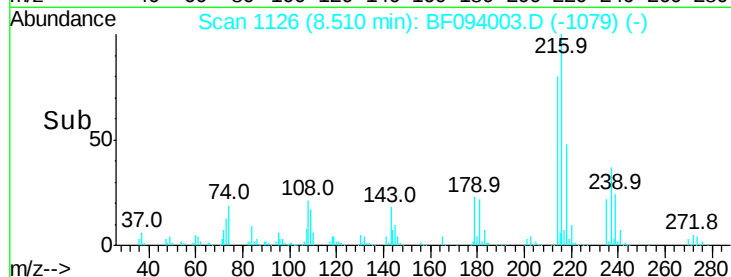
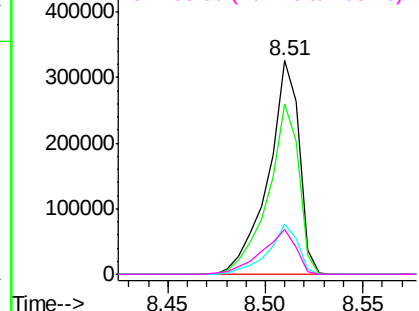
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.19 ng
 RT: 8.51 min Scan# 1126
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	356961
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.2
179	22.5	17.9	26.9
108	23.1	16.5	24.7

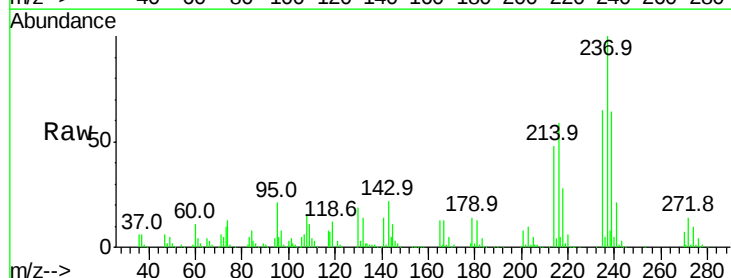


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

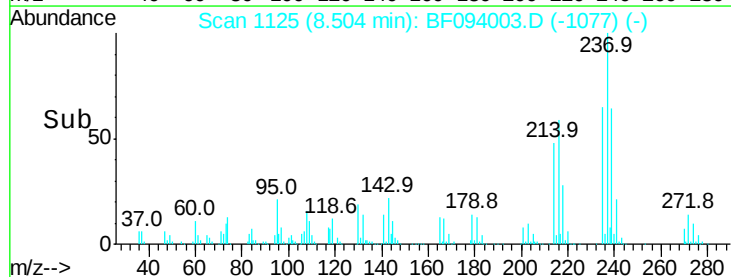
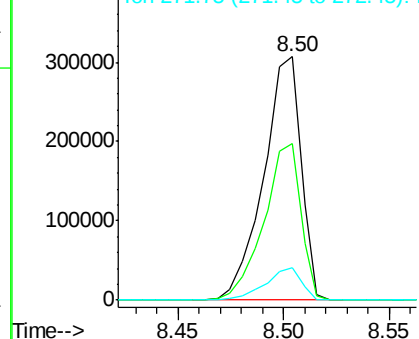


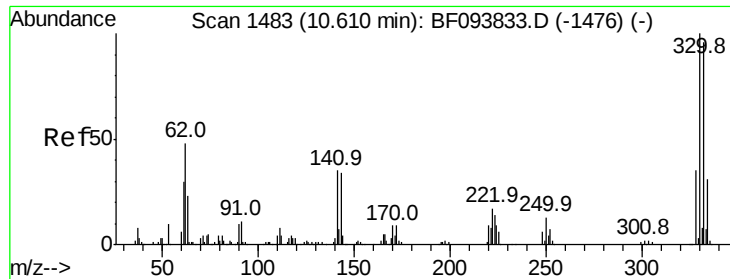
#40
 Hexachlorocyclopentadiene
 Concen: 91.52 ng
 RT: 8.50 min Scan# 1125
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion:	237	Resp:	380344
Ion	Ratio	Lower	Upper
237	100		
235	64.6	42.6	82.6
272	13.5	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

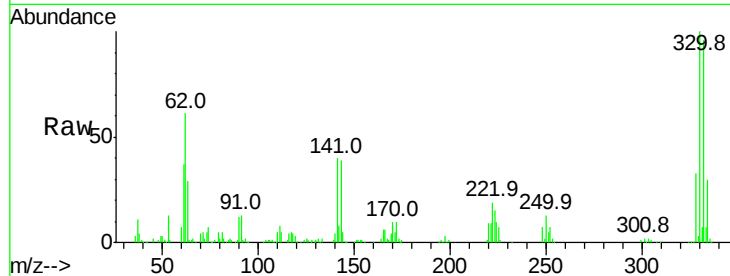




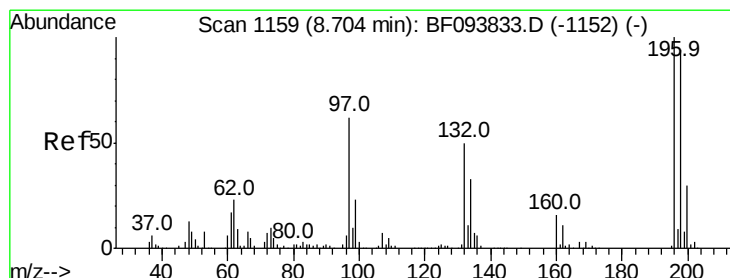
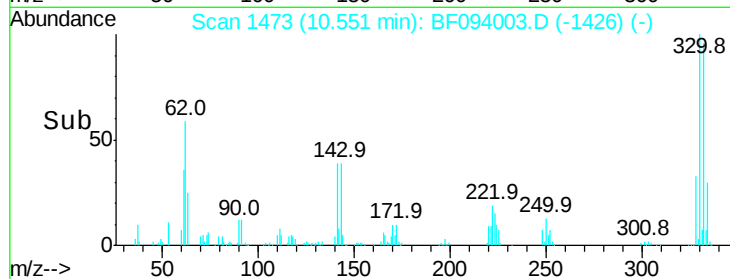
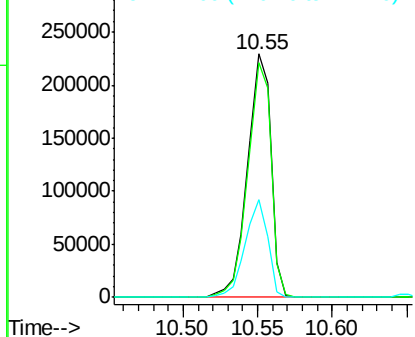
#41
 2,4,6-Tribromophenol
 Concen: 97.01 ng
 RT: 10.55 min Scan# 1473
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 248868
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 39.2 31.4 47.2

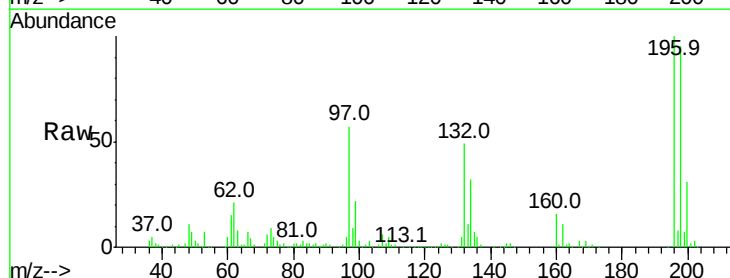


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

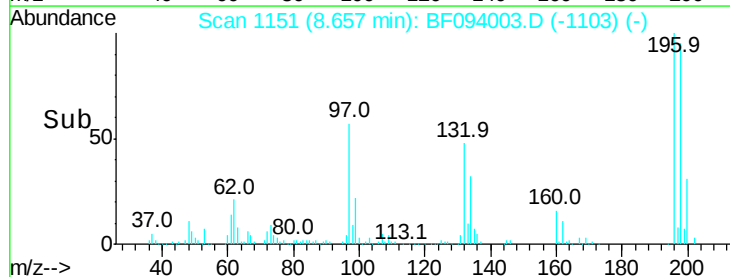
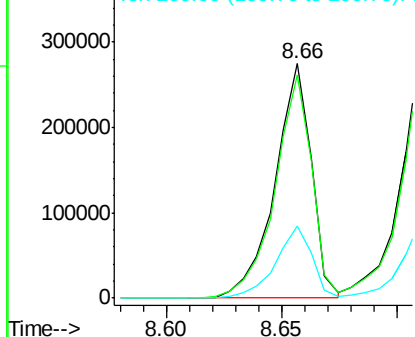


#42
 2,4,6-Trichlorophenol
 Concen: 47.53 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion:196 Resp: 298618
 Ion Ratio Lower Upper
 196 100
 198 95.5 74.2 111.4
 200 30.7 24.0 36.0



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

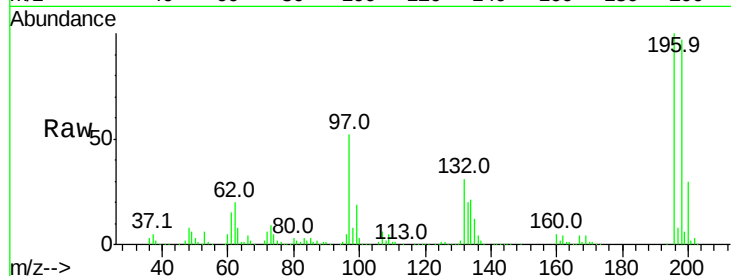




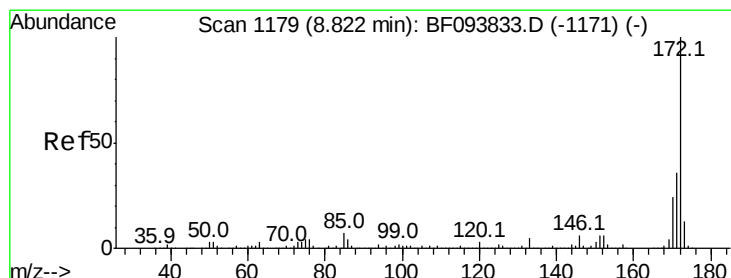
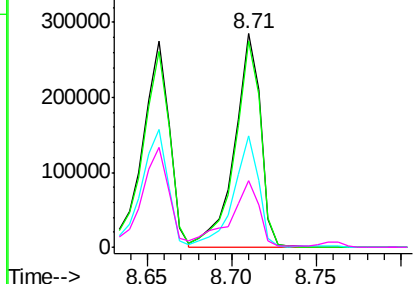
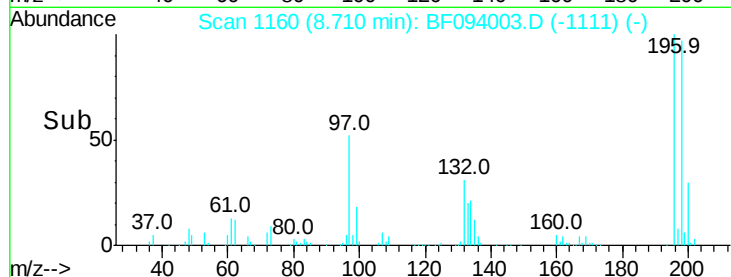
#43
 2,4,5-Trichlorophenol
 Concen: 44.76 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 304291
 Ion Ratio Lower Upper
 196 100
 198 96.6 75.7 113.5
 97 52.1 47.7 71.5
 132 30.9 28.0 42.0

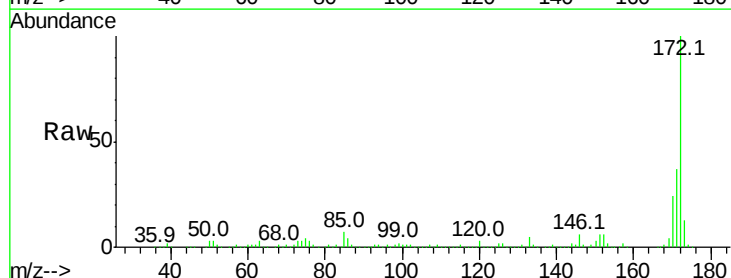


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

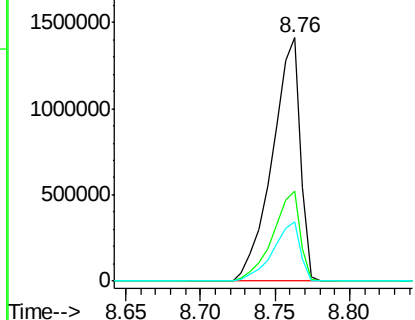
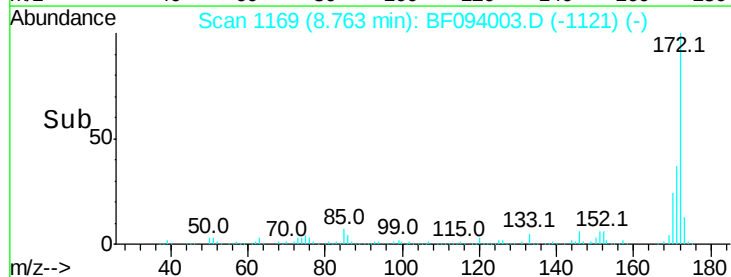


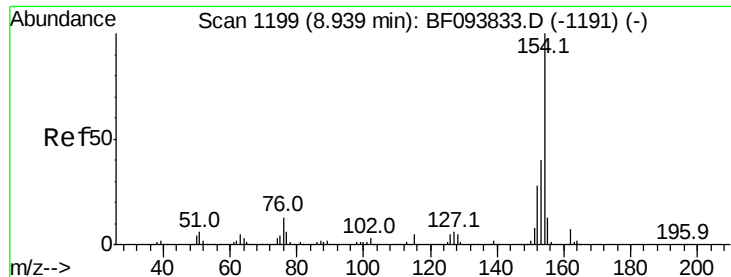
#44
 2-Fluorobiphenyl
 Concen: 86.61 ng
 RT: 8.76 min Scan# 1169
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion:172 Resp: 1843463
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.6 44.4
 170 24.5 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.51 ng

RT: 8.88 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

ClientSampleId :

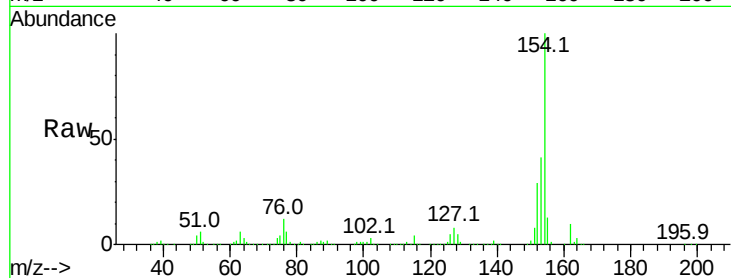
Tot Ion:154 Resp: 1113158

Ion Ratio Lower Upper

154 100

153 40.8 21.2 61.2

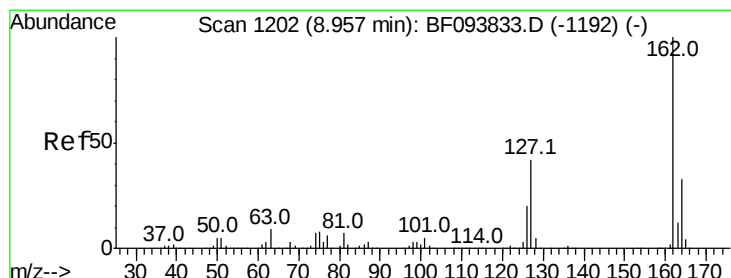
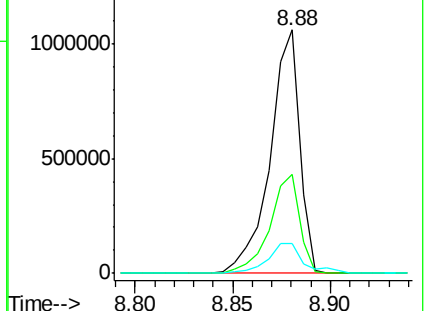
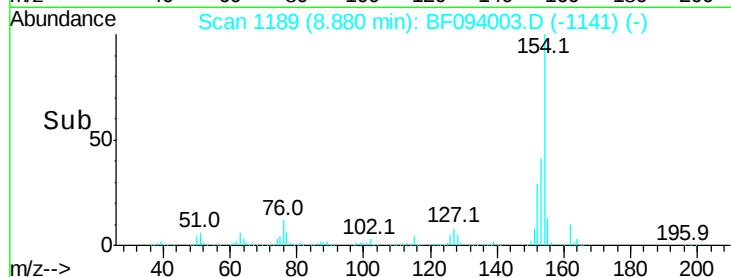
76 12.3 0.0 29.9



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: 42.95 ng

RT: 8.90 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

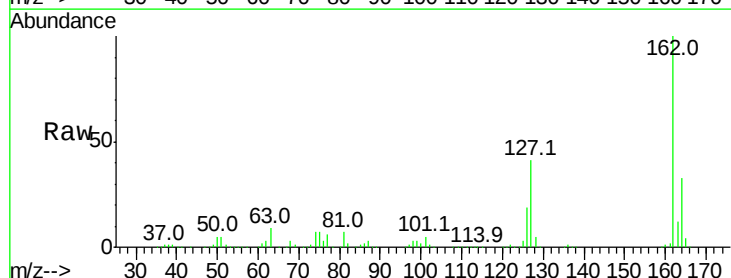
Tgt Ion:162 Resp: 880399

Ion Ratio Lower Upper

162 100

127 41.4 28.3 42.5

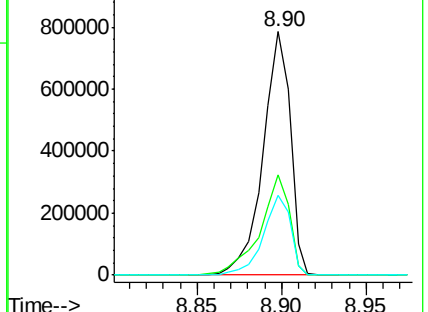
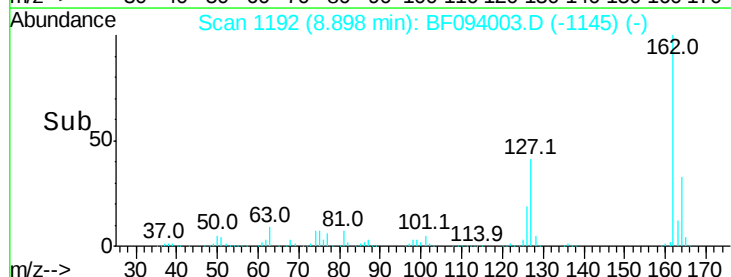
164 32.7 27.0 40.4

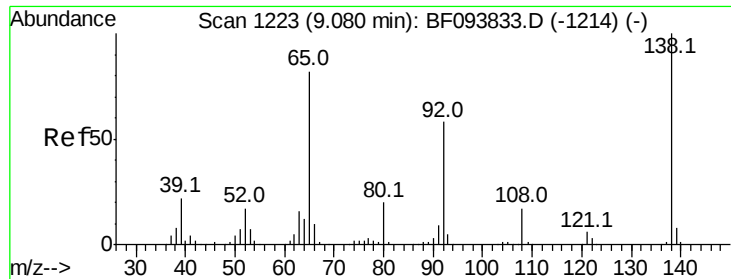


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

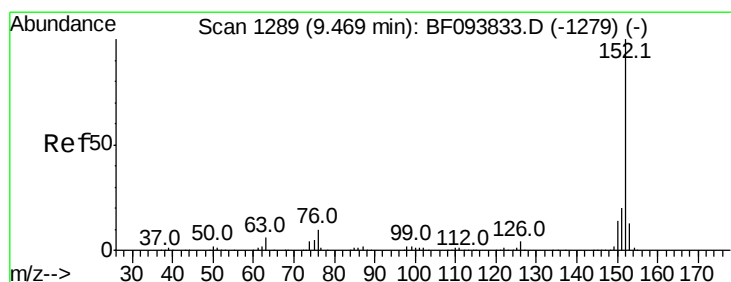
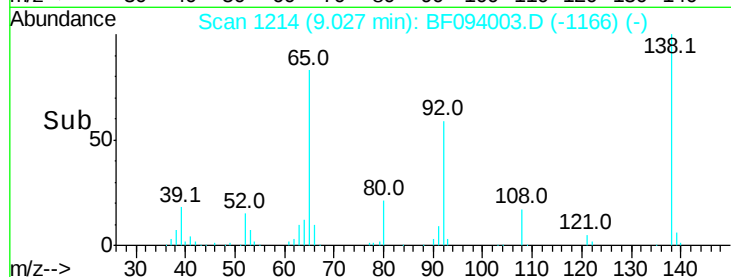
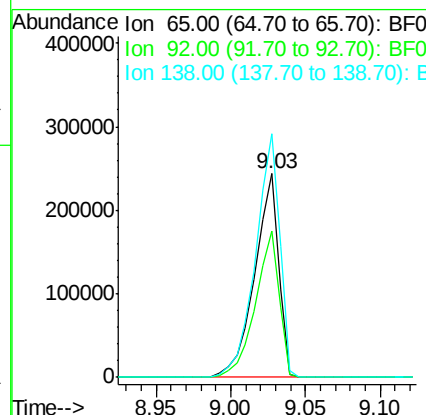
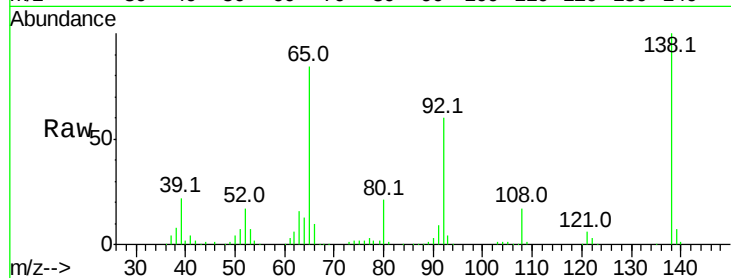




#47
2-Nitroaniline
Concen: 44.24 ng
RT: 9.03 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

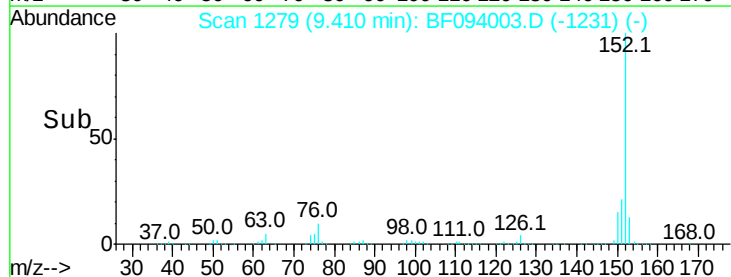
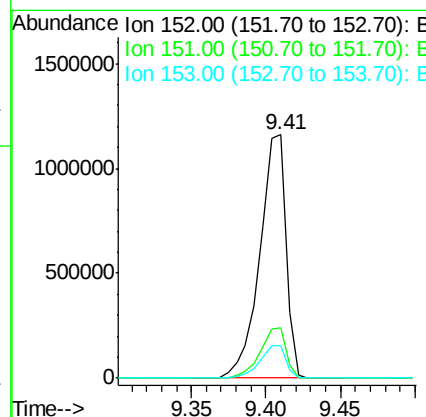
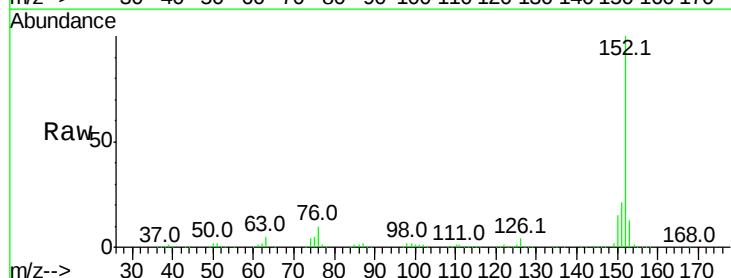
Instrument :
BNA_F
ClientSampleId :

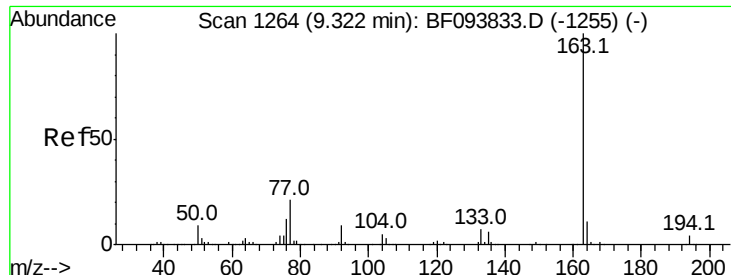
Tot Ion: 65 Resp: 268980
Ion Ratio Lower Upper
65 100
92 71.7 53.9 80.9
138 119.5 78.8 118.2#



#48
Acenaphthylene
Concen: 41.02 ng
RT: 9.41 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion:152 Resp: 1397289
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2
153 13.3 10.8 16.2

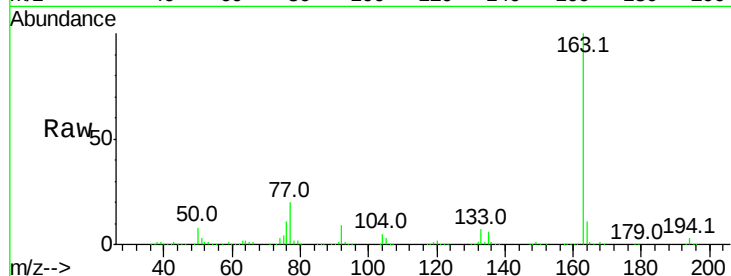




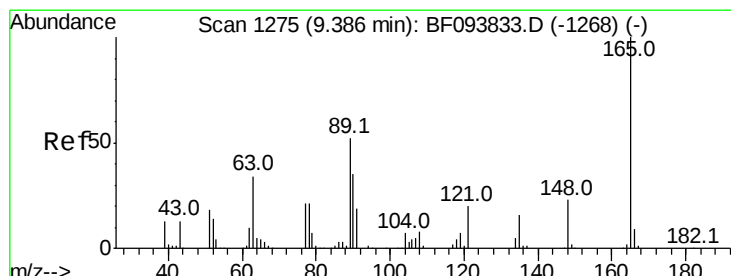
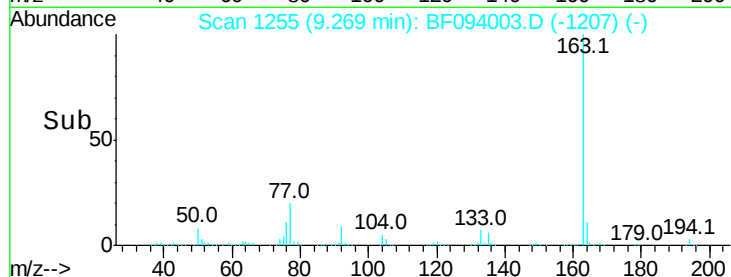
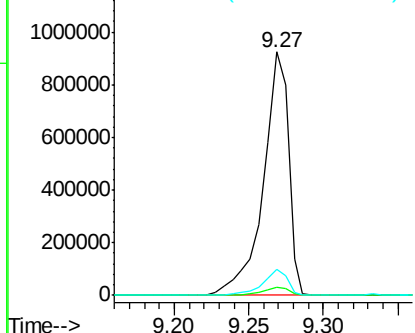
#49
Dimethylphthalate
Concen: 46.73 ng
RT: 9.27 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1078471
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.5 8.4 12.6

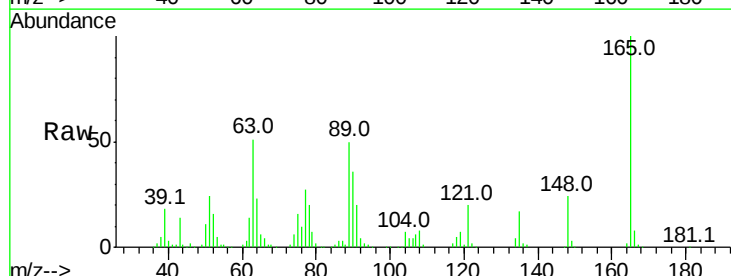


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

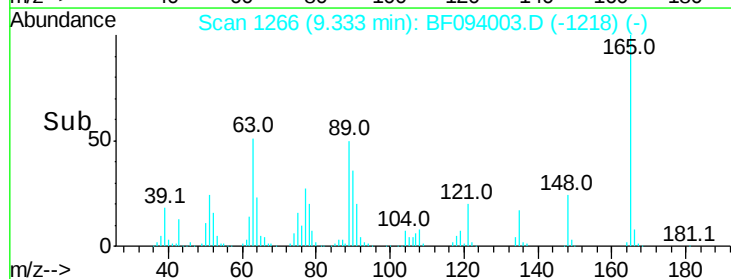
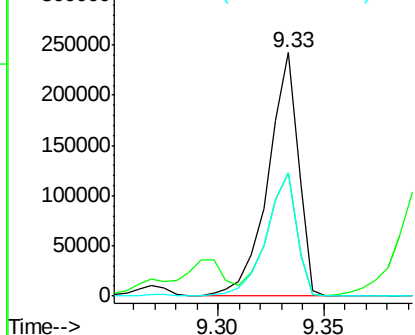


#50
2,6-Dinitrotoluene
Concen: 45.73 ng
RT: 9.33 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion:165 Resp: 241932
Ion Ratio Lower Upper
165 100
63 50.9 34.3 51.5
89 50.4 37.1 55.7



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

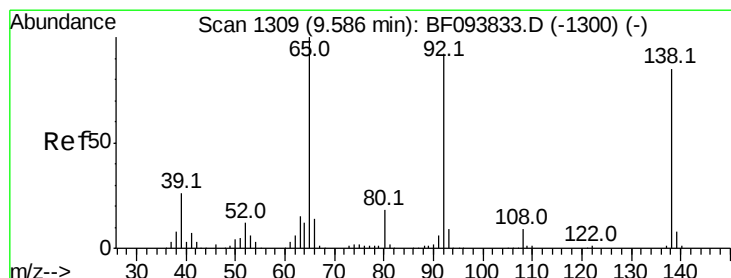
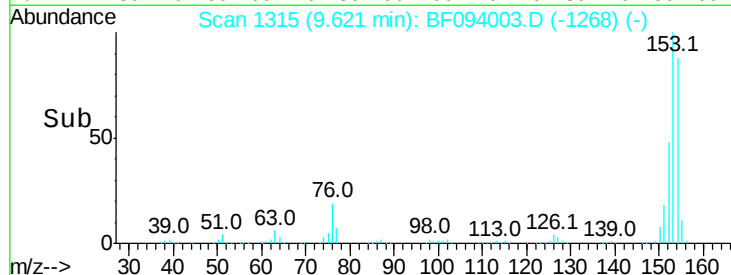
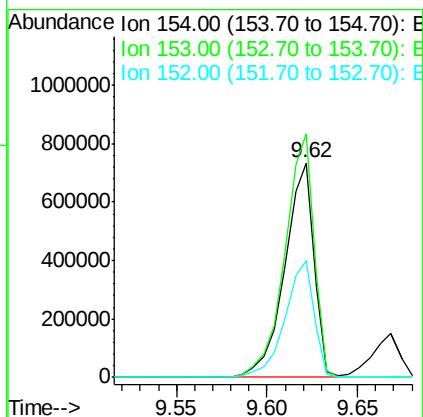
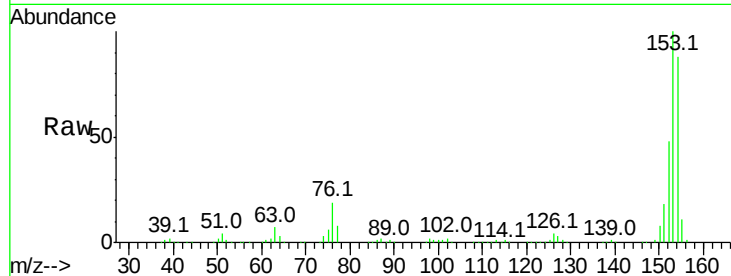




#51
Acenaphthene
Concen: 41.71 ng
RT: 9.62 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

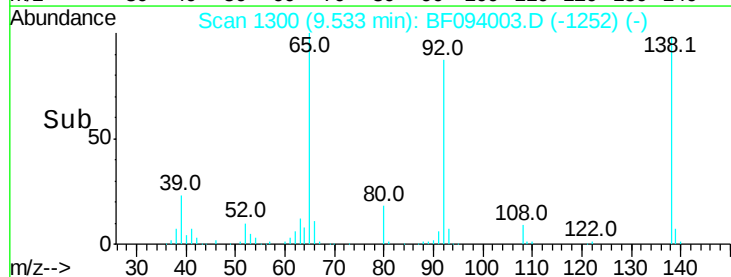
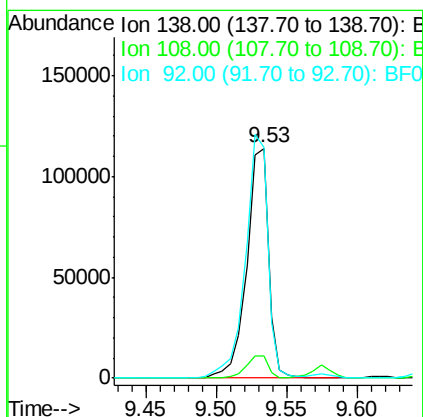
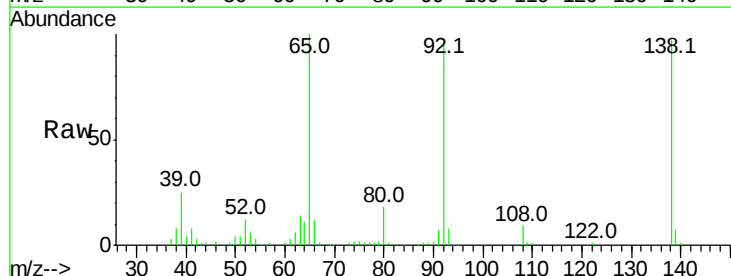
Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 829019
Ion Ratio Lower Upper
154 100
153 113.5 90.5 135.7
152 54.4 43.6 65.4



#52
3-Nitroaniline
Concen: 20.04 ng
RT: 9.53 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion:138 Resp: 124511
Ion Ratio Lower Upper
138 100
108 9.6 9.1 13.7
92 100.4 93.8 140.6

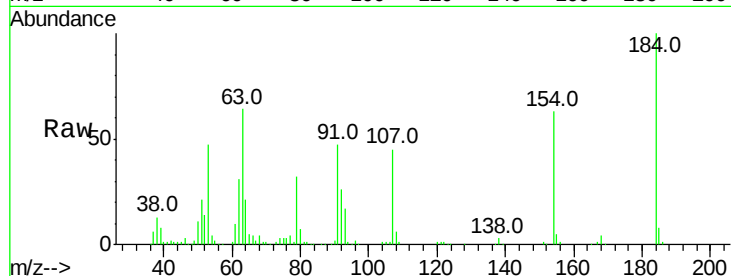




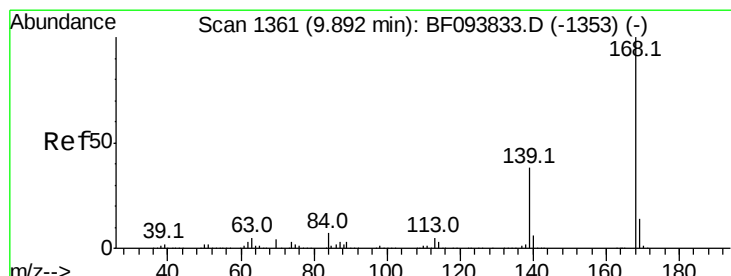
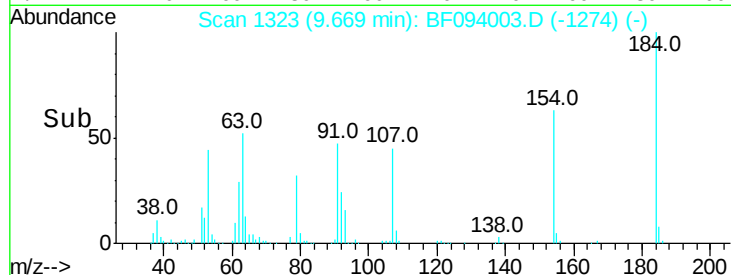
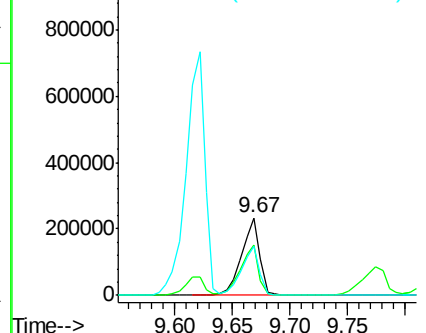
#53
 2,4-Dinitrophenol
 Concen: 89.85 ng
 RT: 9.67 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 256080
 Ion Ratio Lower Upper
 184 100
 63 64.0 62.7 94.1
 154 63.4 81.1 121.7#

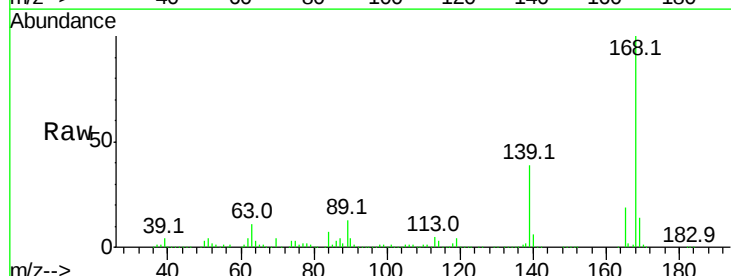


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

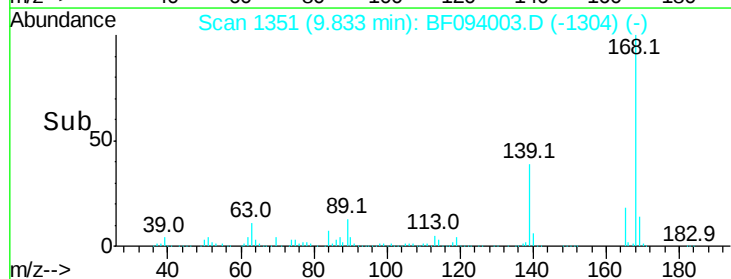
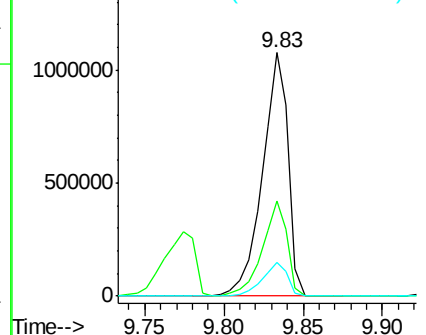


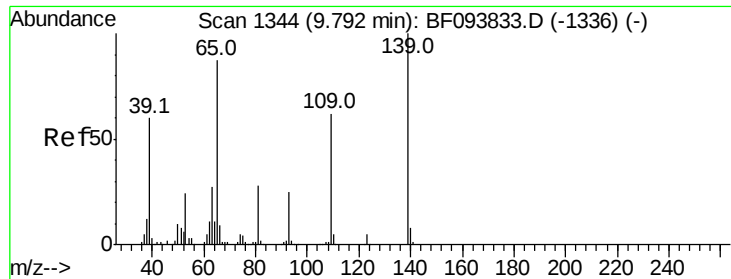
#54
 Dibenzofuran
 Concen: 44.75 ng
 RT: 9.83 min Scan# 1351
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion:168 Resp: 1210787
 Ion Ratio Lower Upper
 168 100
 139 39.2 30.6 45.8
 169 13.8 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 80.29 ng

RT: 9.77 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :
BNA_F
ClientSampled :

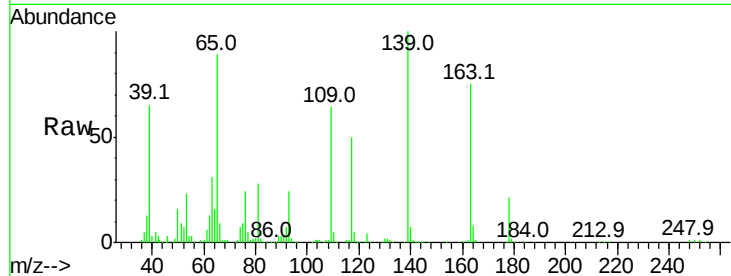
Tot Ion:139 Resp: 390568

Ion Ratio Lower Upper

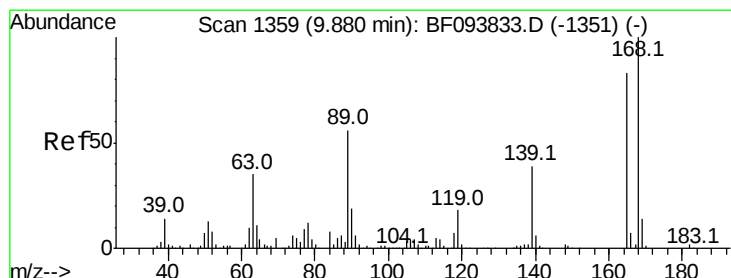
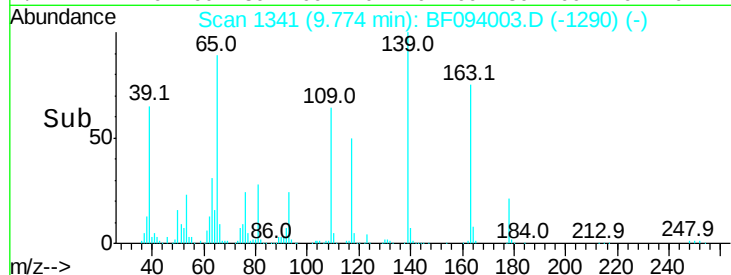
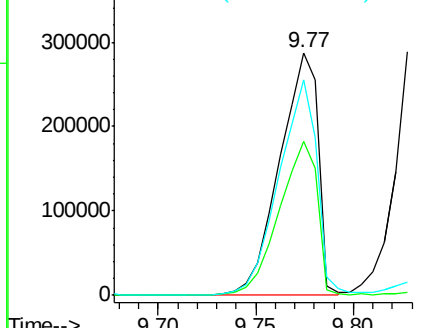
139 100

109 63.7 34.1 74.1

65 89.2 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): BFO



#56

2,4-Dinitrotoluene

Concen: 44.12 ng

RT: 9.83 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Tgt Ion:165 Resp: 293206

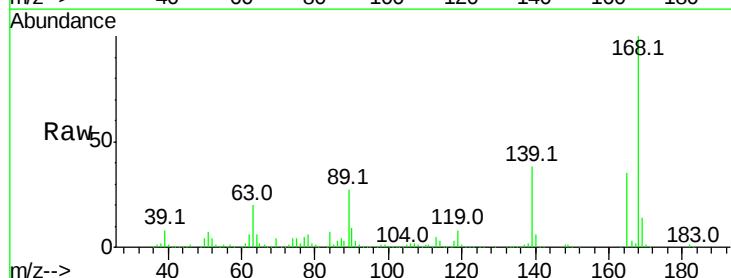
Ion Ratio Lower Upper

165 100

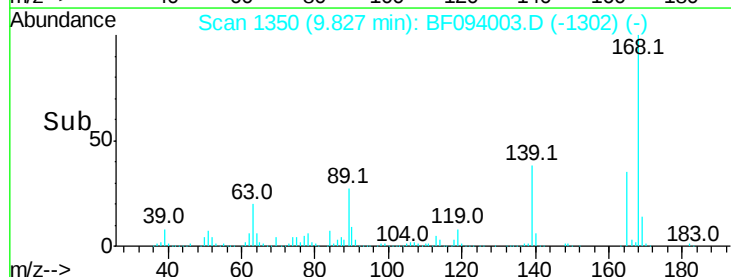
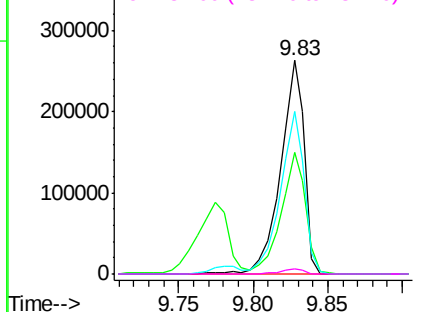
63 56.8 25.4 38.0#

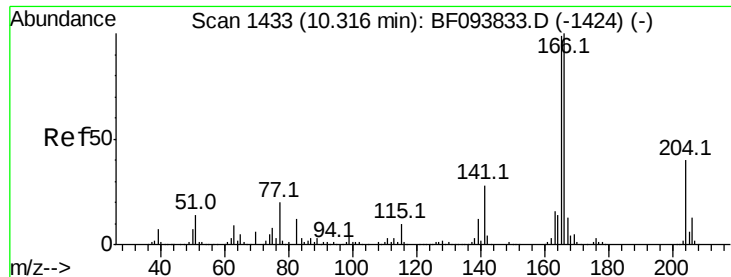
89 76.4 46.4 69.6#

182 2.4 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BFO
Ion 89.00 (88.70 to 89.70): BFO
Ion 182.00 (181.70 to 182.70): E

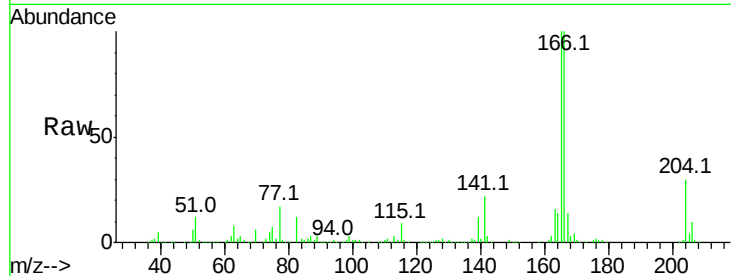




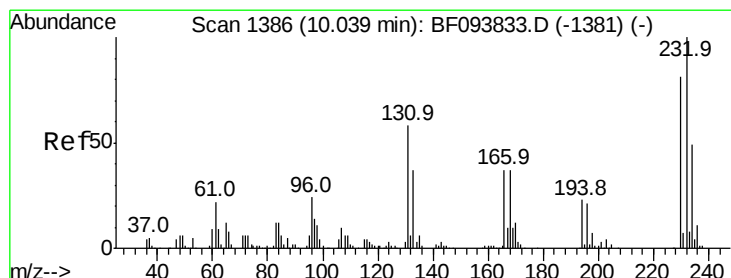
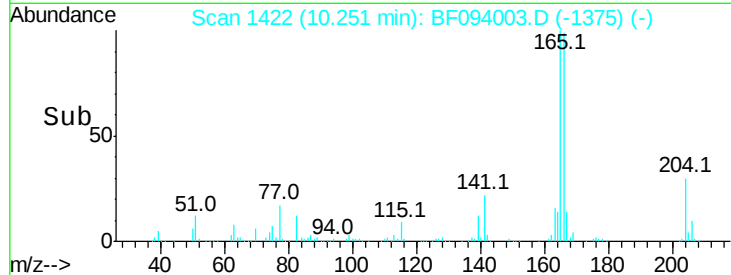
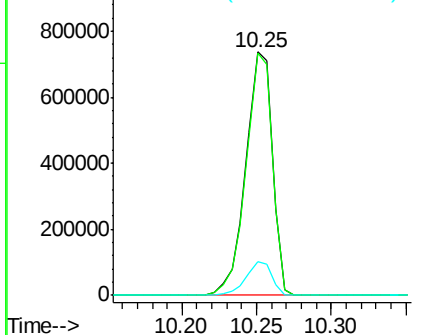
#57
Fluorene
 Concen: 40.35 ng
 RT: 10.25 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	166	Resp	905506
Ion Ratio	100		
Lower	78.8		
Upper	118.2		
165	99.5		
167	14.0		
	10.6		
	16.0		



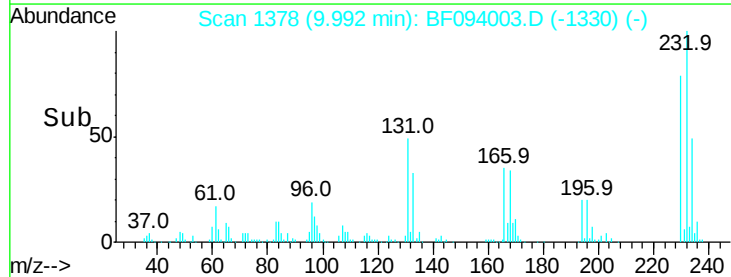
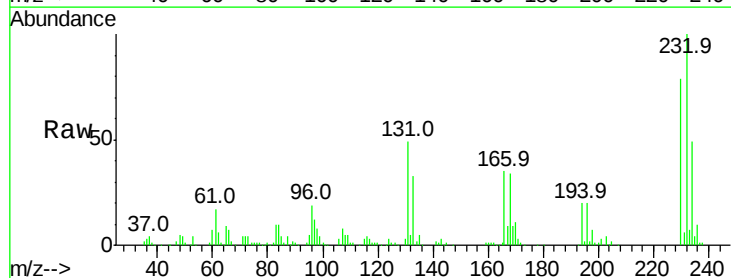
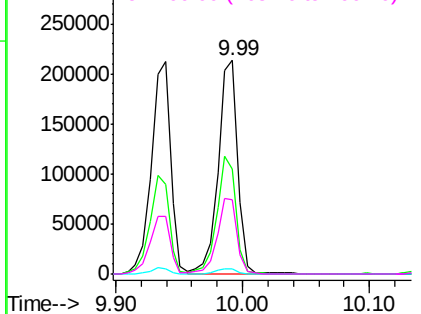
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

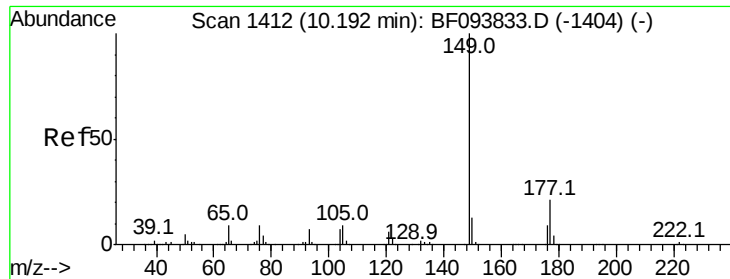


#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.37 ng
 RT: 9.99 min Scan# 1378
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion	232	Resp	230329
Ion Ratio	100		
Lower	44.8		
Upper	67.2		
131	53.9		
130	2.7		
166	35.5		
	29.0		
	43.4		

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

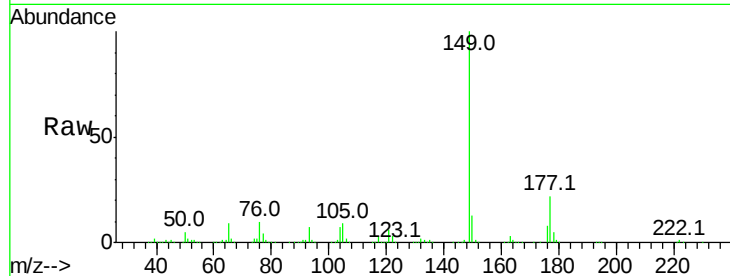




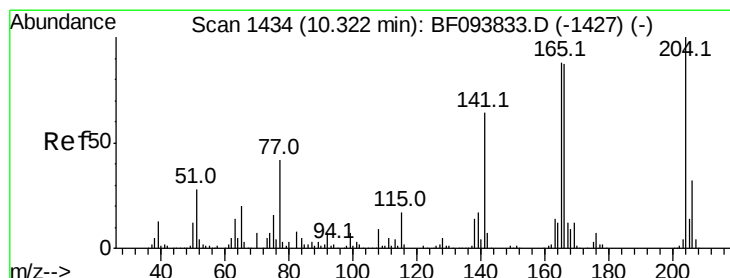
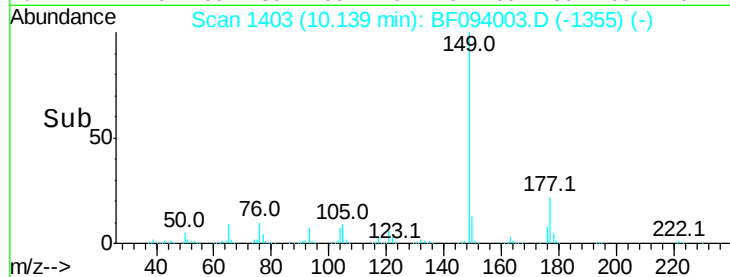
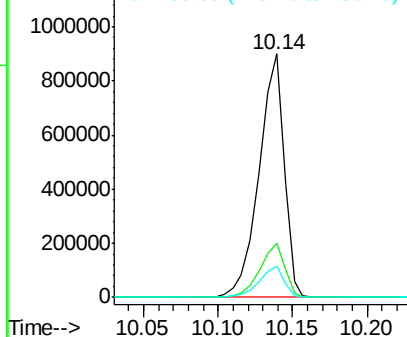
#59
Diethylphthalate
Concen: 45.60 ng
RT: 10.14 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1039960
Ion Ratio Lower Upper
149 100
177 22.2 16.7 25.1
150 12.6 10.2 15.2

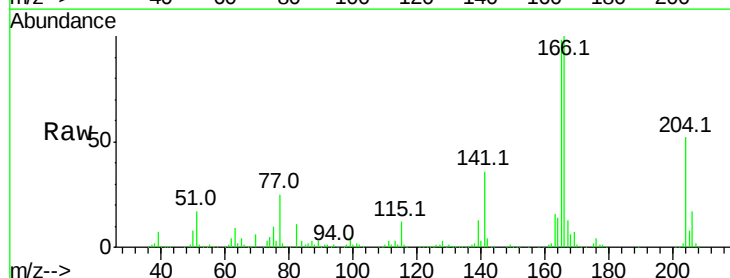


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

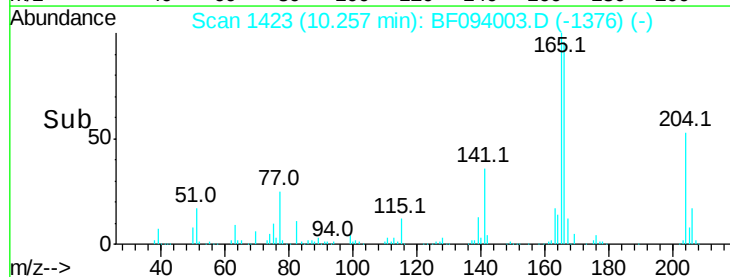
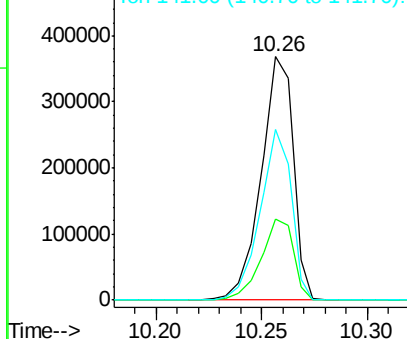


#60
4-Chlorophenyl-phenylether
Concen: 40.88 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion:204 Resp: 390780
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 70.0 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

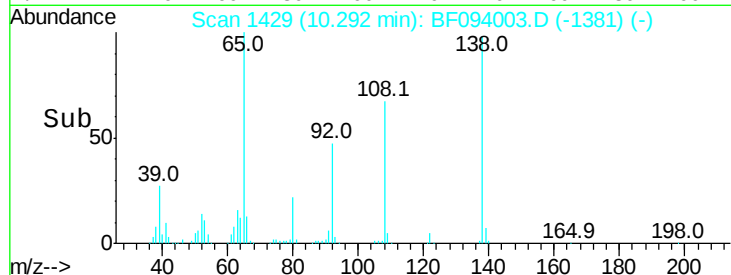
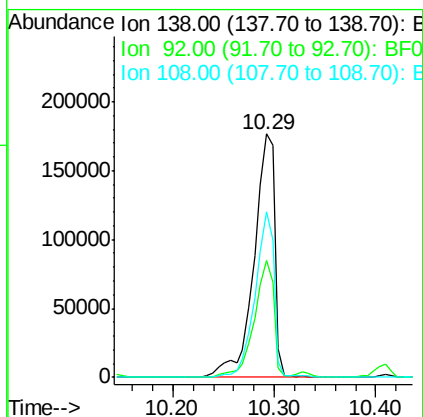
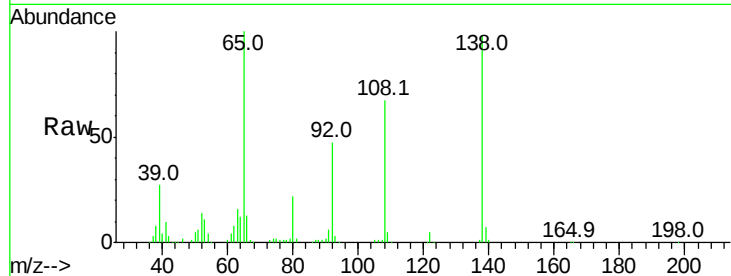




#61
4-Nitroaniline
Concen: 42.31 ng
RT: 10.29 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

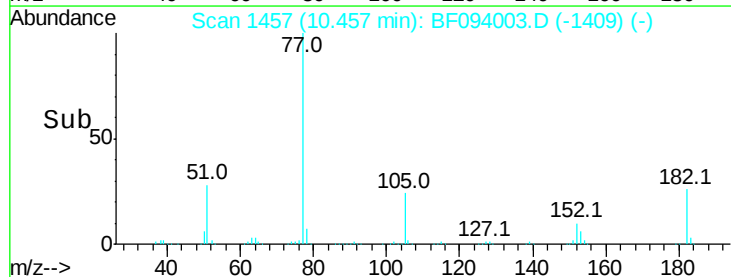
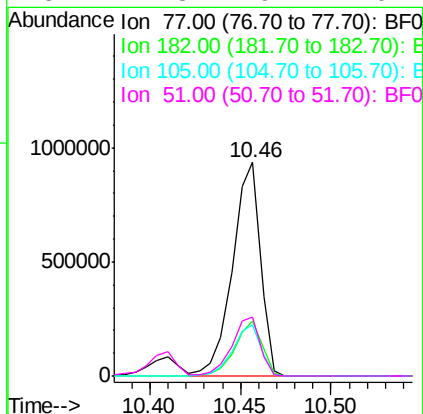
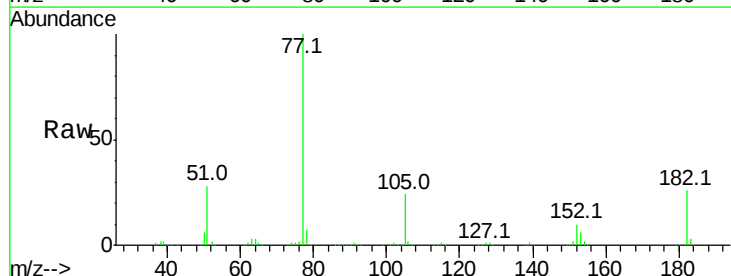
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 252204
Ion Ratio Lower Upper
138 100
92 48.1 21.8 61.8
108 67.9 42.3 82.3



#62
Azobenzene
Concen: 46.53 ng
RT: 10.46 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion: 77 Resp: 1003969
Ion Ratio Lower Upper
77 100
182 25.6 0.1 40.1
105 24.0 3.6 43.6
51 27.8 9.4 49.4

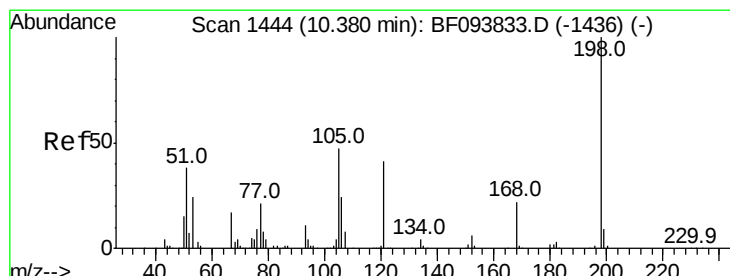
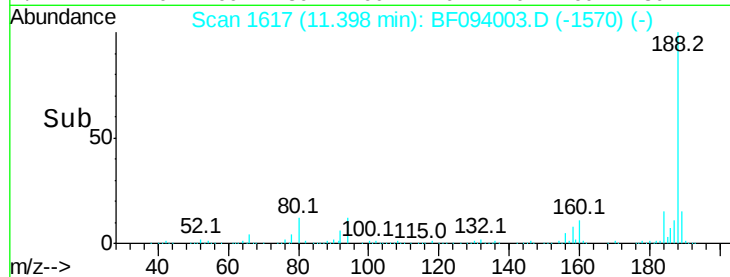
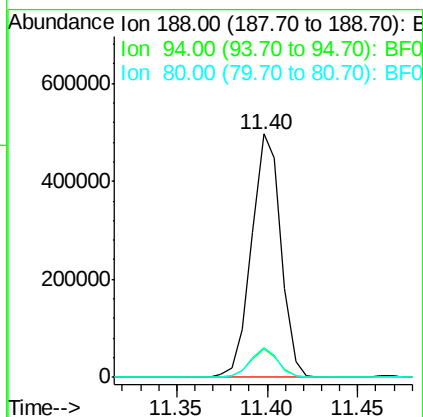
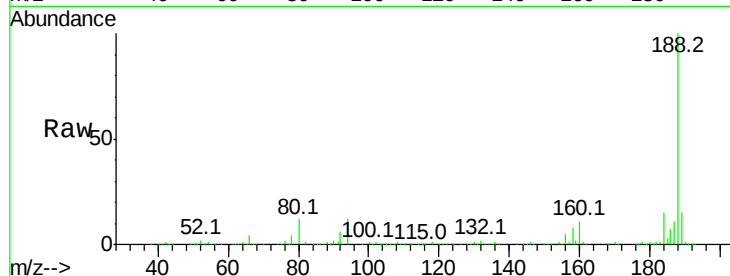




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1617
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

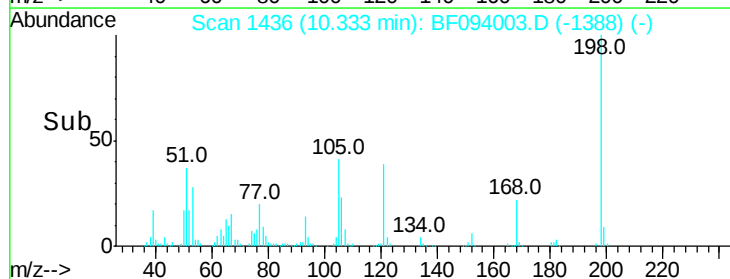
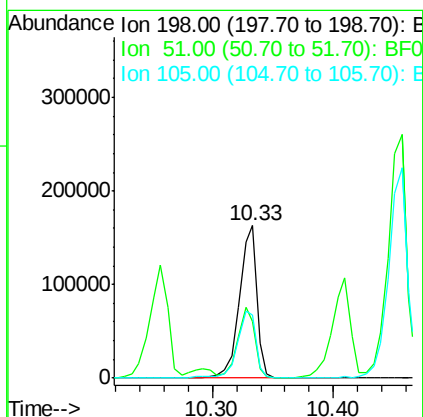
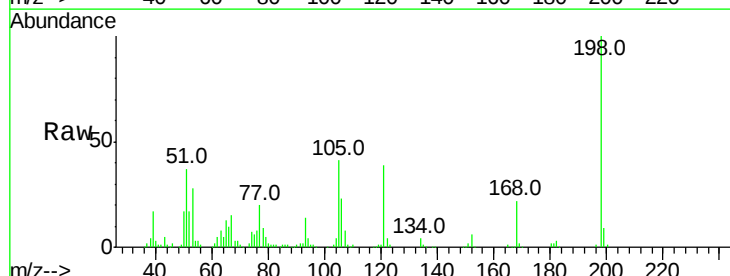
Instrument :
 BNA_F
 ClientSampleId :

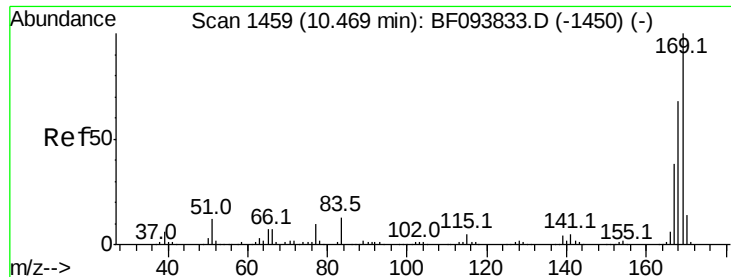
Tot Ion:188 Resp: 558347
 Ion Ratio Lower Upper
 188 100
 94 11.8 9.4 14.2
 80 12.1 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.36 ng
 RT: 10.33 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion:198 Resp: 165360
 Ion Ratio Lower Upper
 198 100
 51 37.4 53.2 93.2#
 105 41.2 45.8 85.8#

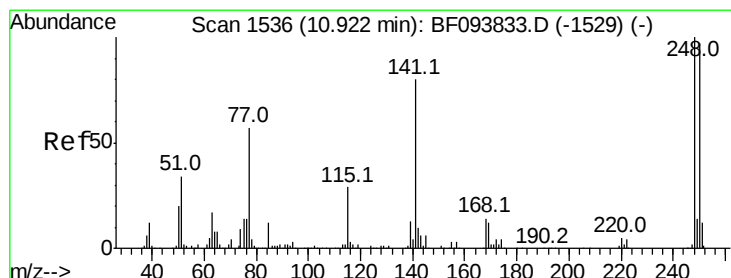
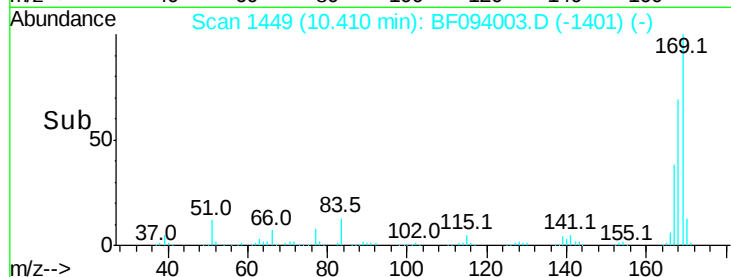
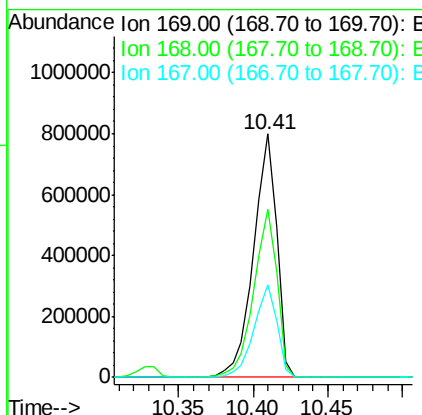
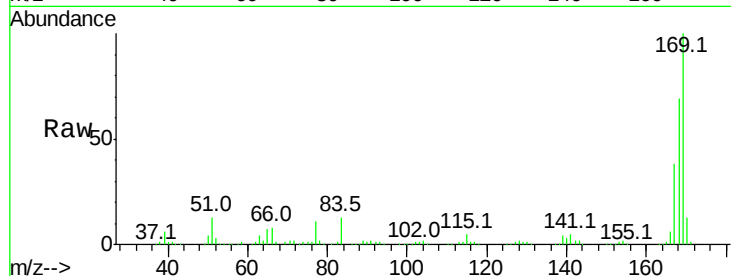




#65
 n-Nitrosodiphenylamine
 Concen: 44.41 ng
 RT: 10.41 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

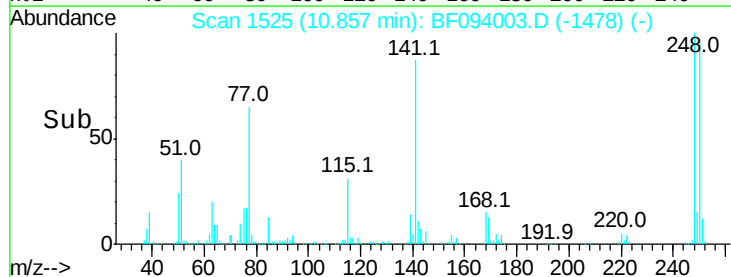
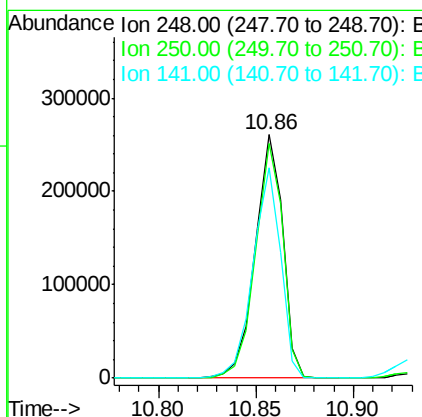
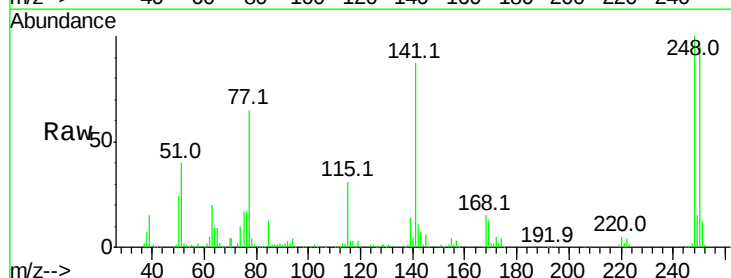
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 857492
 Ion Ratio Lower Upper
 169 100
 168 69.1 53.2 79.8
 167 38.0 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 46.61 ng
 RT: 10.86 min Scan# 1525
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion:248 Resp: 255938
 Ion Ratio Lower Upper
 248 100
 250 96.2 76.8 115.2
 141 86.6 68.6 103.0

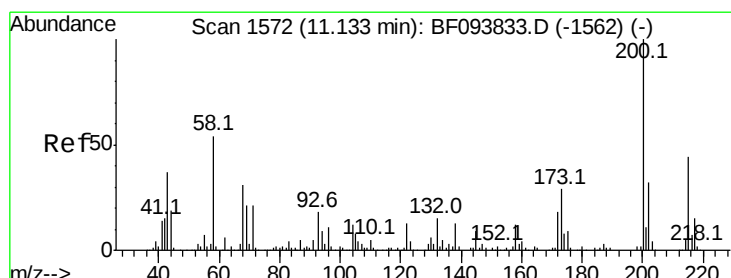
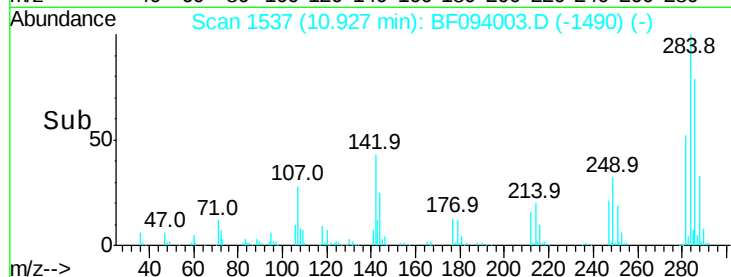
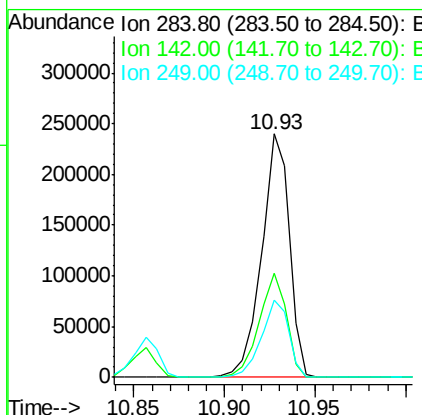
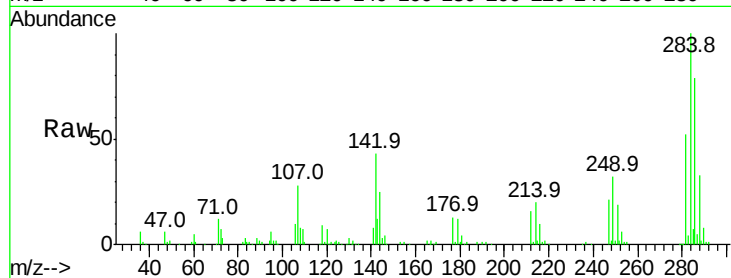




#67
Hexachlorobenzene
Concen: 45.91 ng
RT: 10.93 min Scan# 1537
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

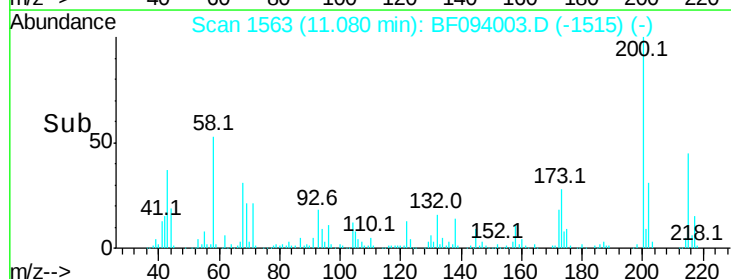
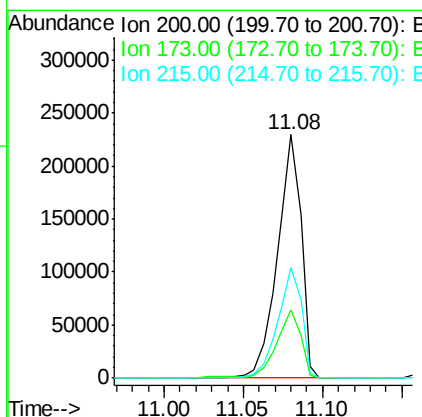
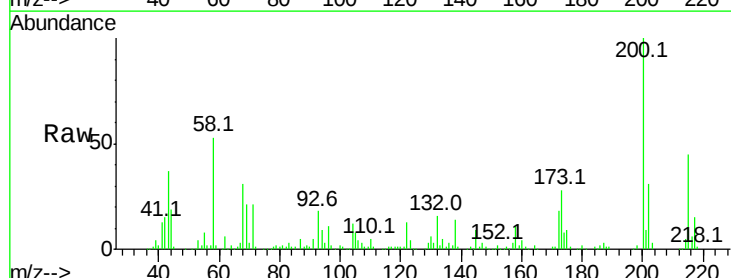
Instrument :
BNA_F
ClientSampleId :

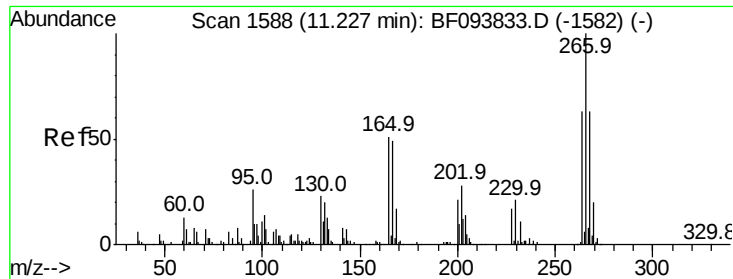
Tot Ion:284 Resp: 255198
Ion Ratio Lower Upper
284 100
142 42.9 22.8 34.2#
249 31.7 24.0 36.0



#68
Atrazine
Concen: 41.35 ng
RT: 11.08 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion:200 Resp: 239118
Ion Ratio Lower Upper
200 100
173 28.1 6.3 46.3
215 45.2 27.2 67.2

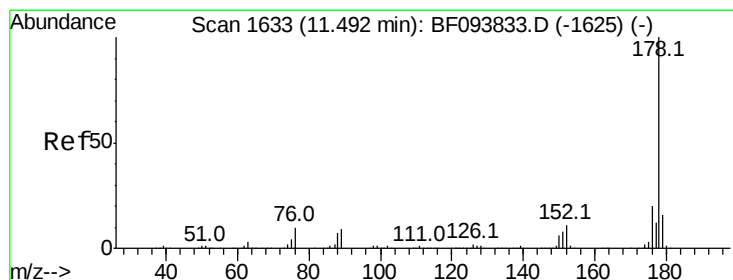
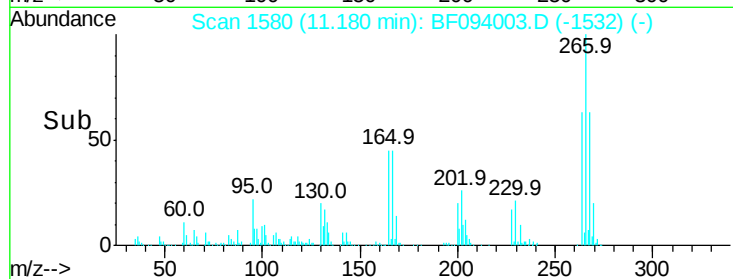
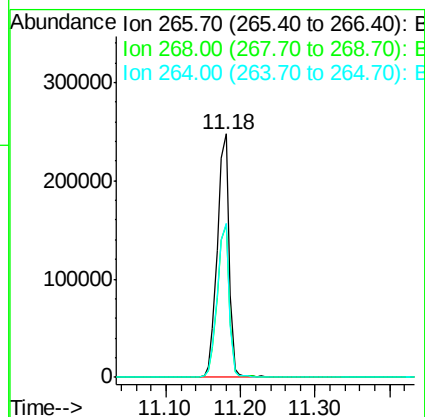
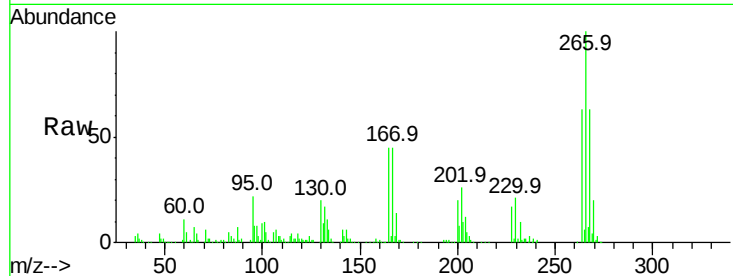




#69
 Pentachlorophenol
 Concen: 79.06 ng
 RT: 11.18 min Scan# 1580
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

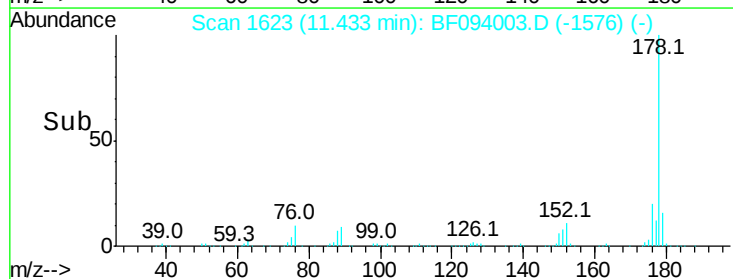
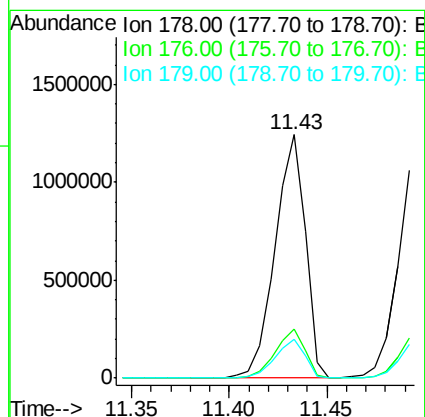
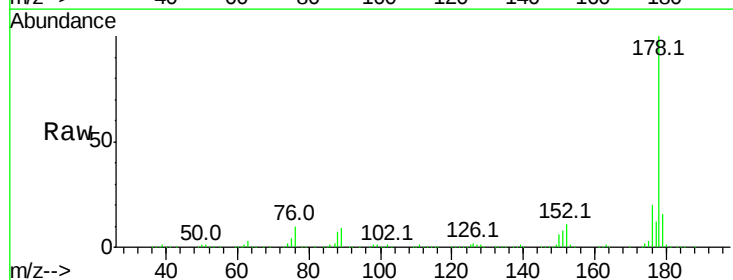
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 273562
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.1 76.7
 264 63.2 51.7 77.5



#70
 Phenanthrene
 Concen: 42.97 ng
 RT: 11.43 min Scan# 1623
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion:178 Resp: 1334570
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.8 12.6 19.0

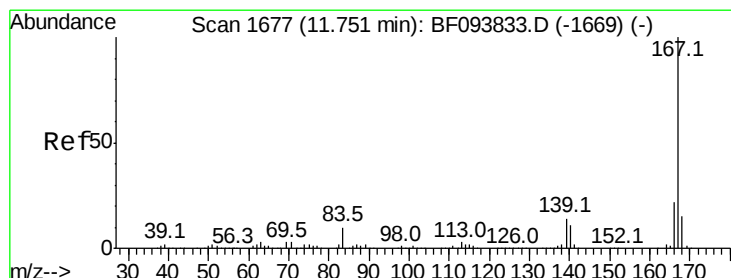
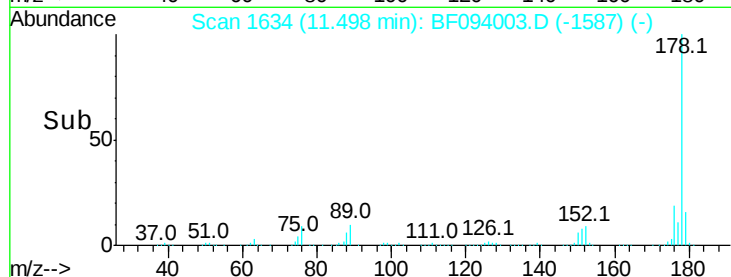
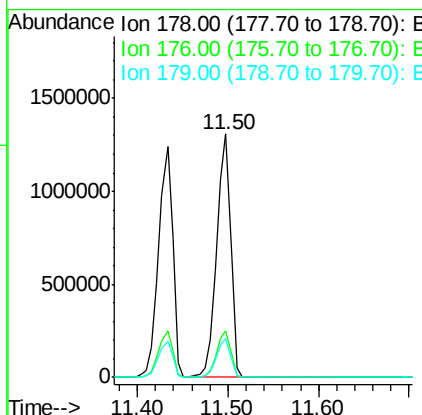
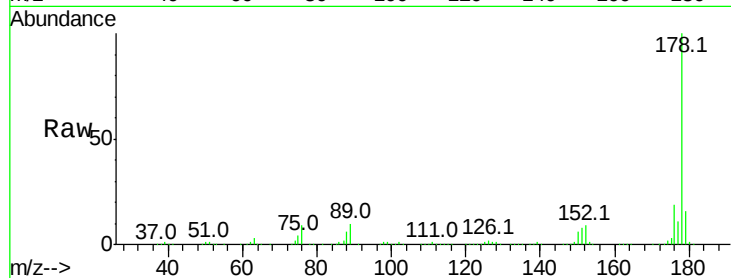




#71
 Anthracene
 Concen: 43.36 ng
 RT: 11.50 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

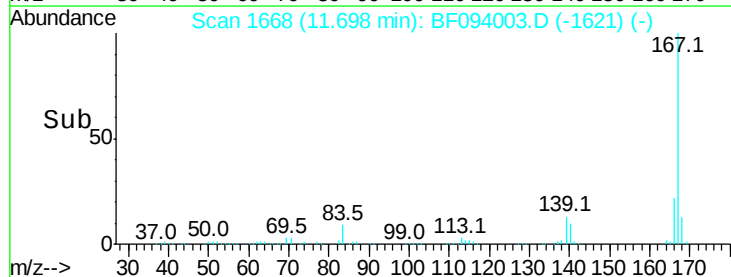
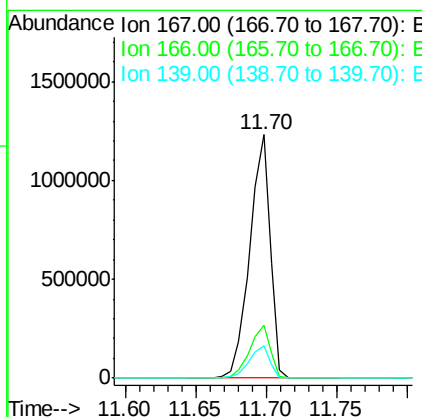
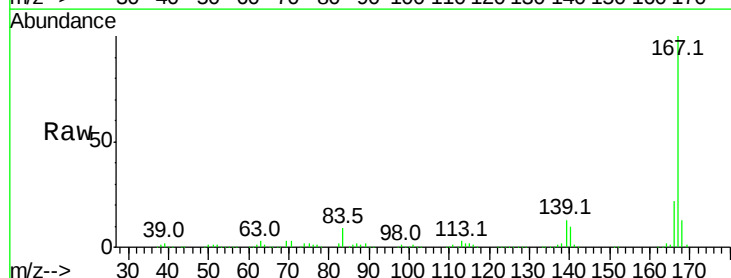
Instrument :
 BNA_F
 ClientSampleId :

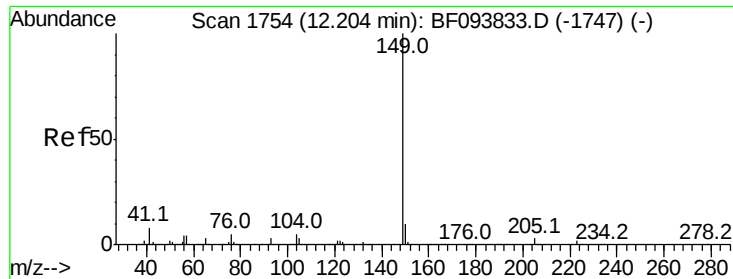
Tot Ion:178 Resp: 1386520
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 38.42 ng
 RT: 11.70 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion:167 Resp: 1259996
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.5 11.7 17.5

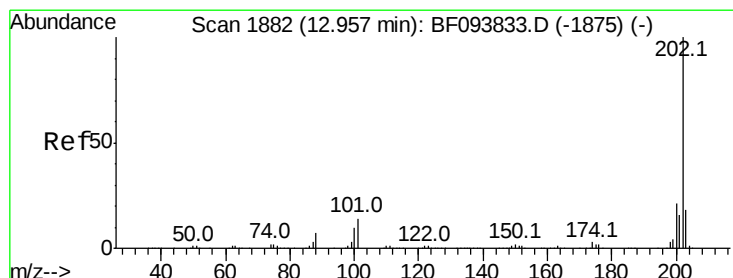
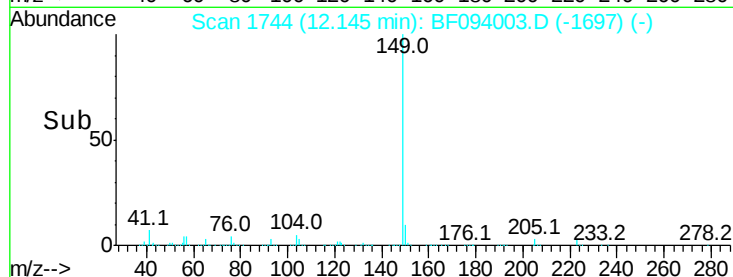
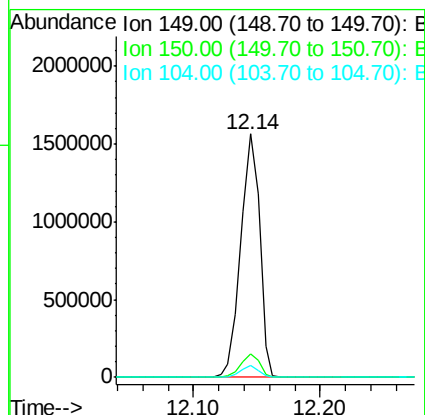
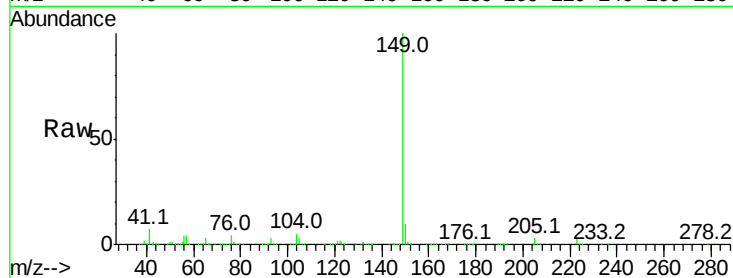




#73
Di-n-butylphthalate
Concen: 46.94 ng
RT: 12.14 min Scan# 1744
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

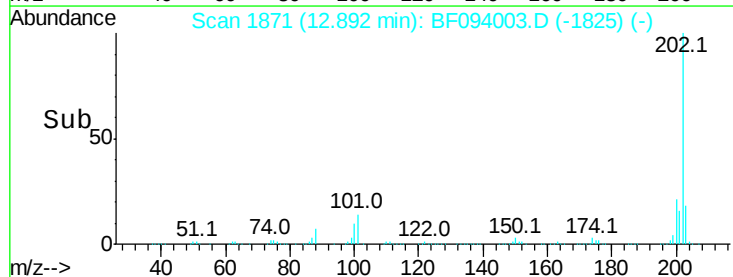
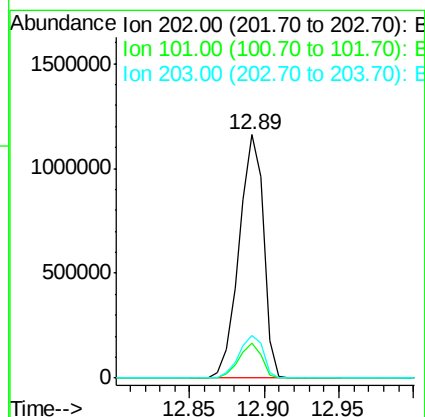
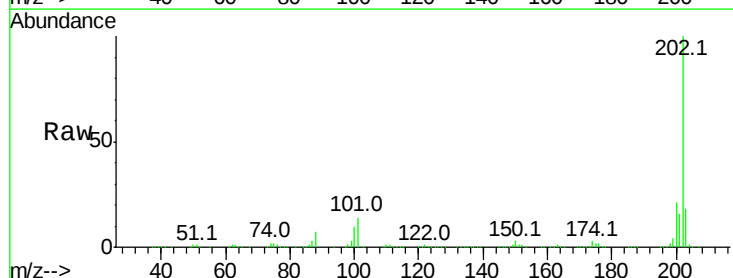
Instrument :
BNA_F
ClientSampleId :

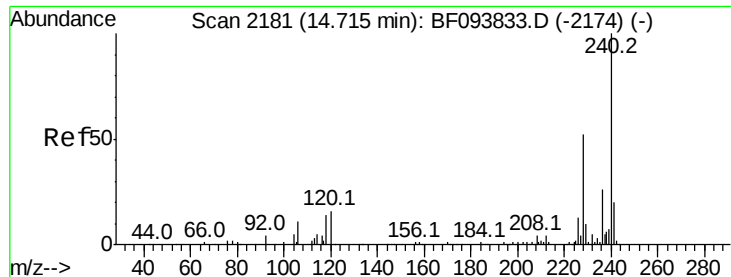
Tot Ion:149 Resp: 1600964
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 4.8 4.0 6.0



#74
Fluoranthene
Concen: 41.65 ng
RT: 12.89 min Scan# 1871
Delta R.T. -0.03 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion:202 Resp: 1324673
Ion Ratio Lower Upper
202 100
101 14.4 0.0 33.2
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.65 min Scan# 2170

Delta R.T. -0.03 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

ClientSampled :

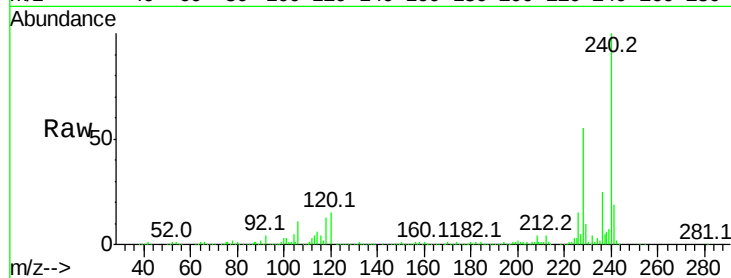
Tot Ion:240 Resp: 376487

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

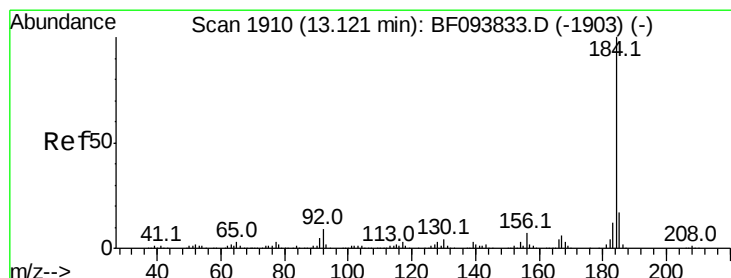
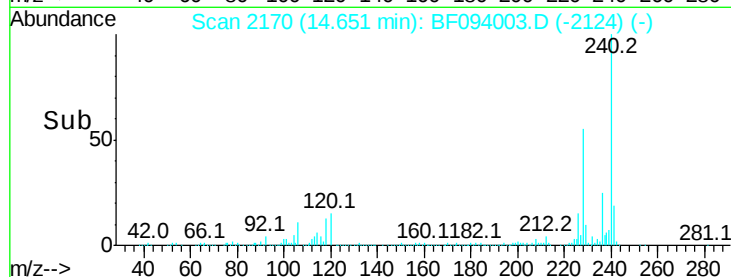
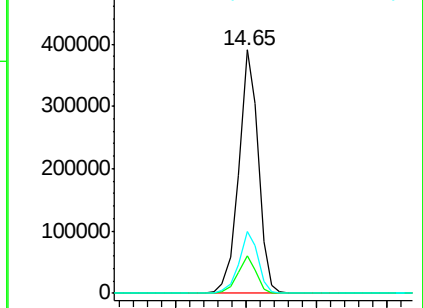
236 25.3 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 11.51 ng

RT: 13.06 min Scan# 1899

Delta R.T. -0.03 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

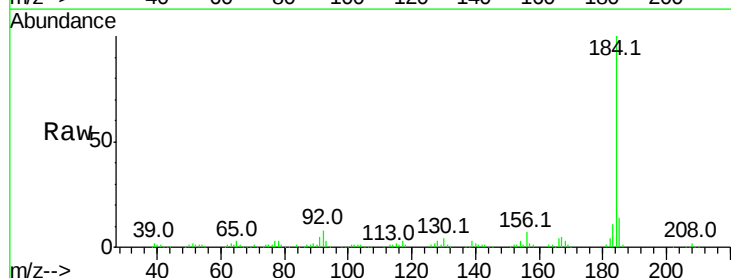
Tgt Ion:184 Resp: 171503

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

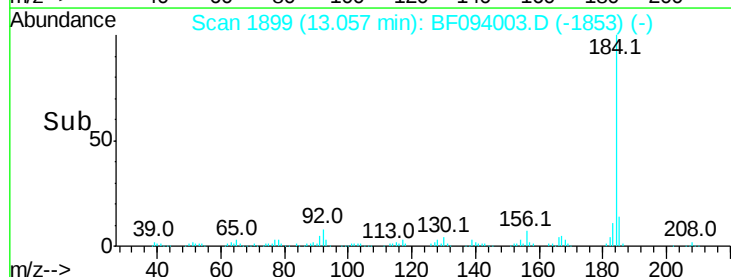
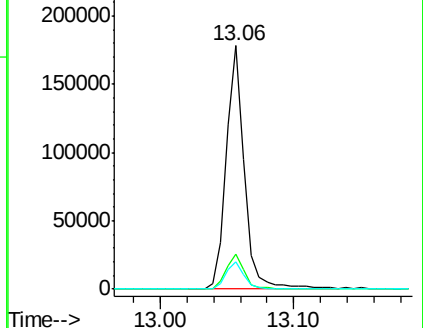
183 11.4 9.8 14.6

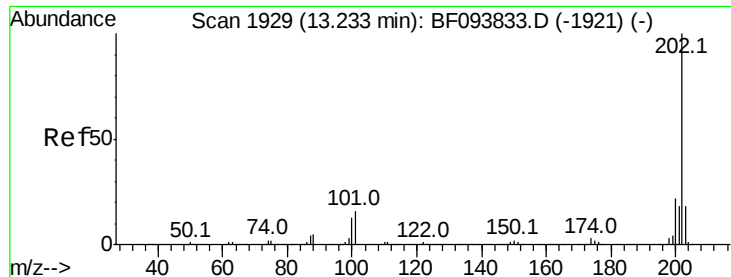


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

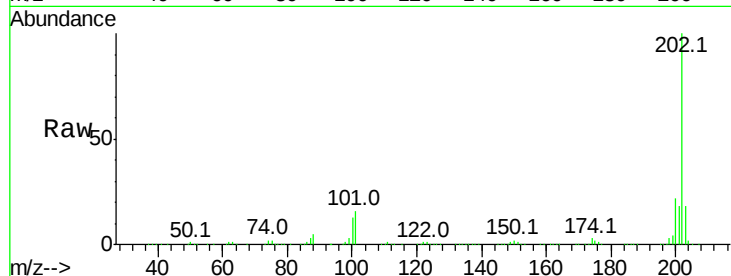




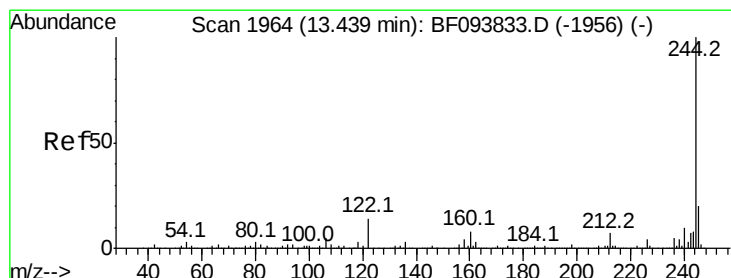
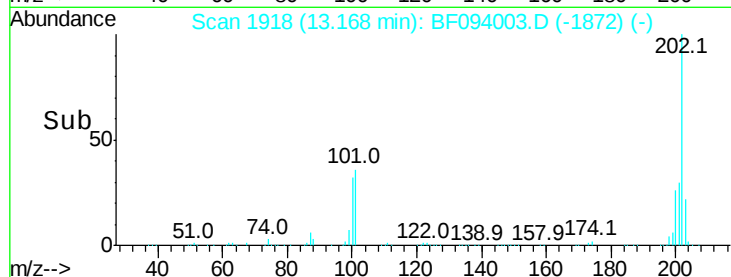
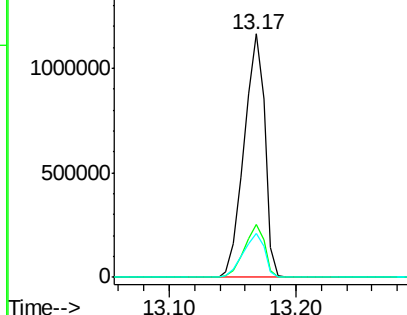
#77
Pvrene
Concen: 48.21 ng
RT: 13.17 min Scan# 1918
Delta R.T. -0.03 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1317363
Ion Ratio Lower Upper
202 100
200 21.8 17.6 26.4
203 18.1 14.4 21.6

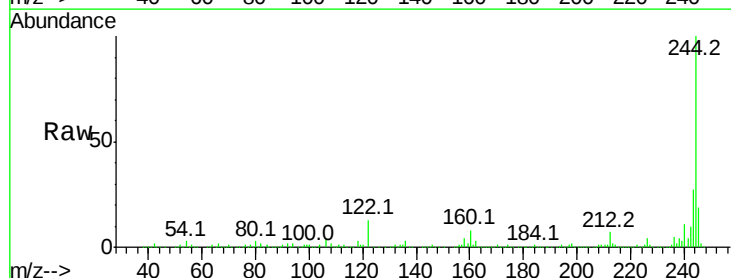


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

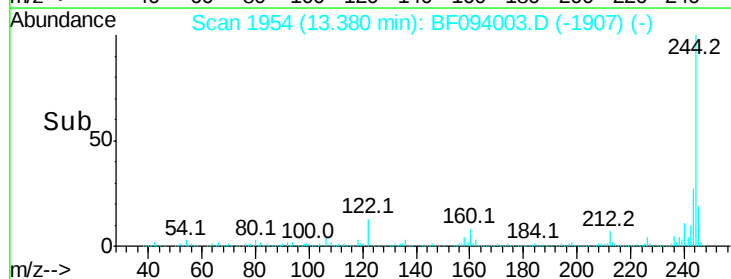
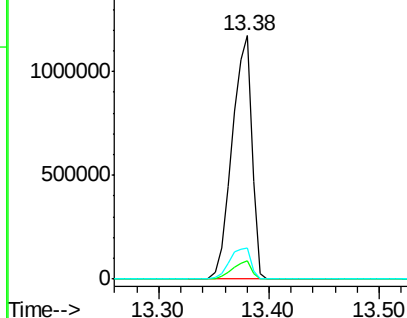


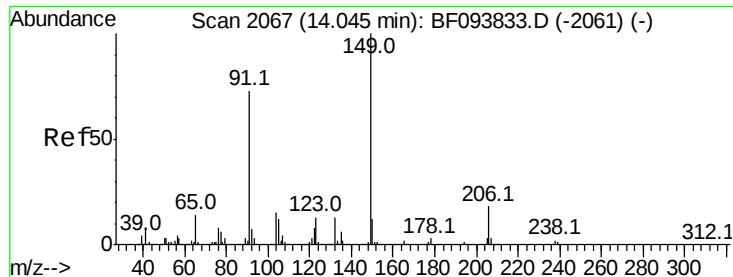
#78
Terphenyl-d14
Concen: 87.94 ng
RT: 13.38 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion:244 Resp: 1477098
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 12.7 10.3 15.5



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

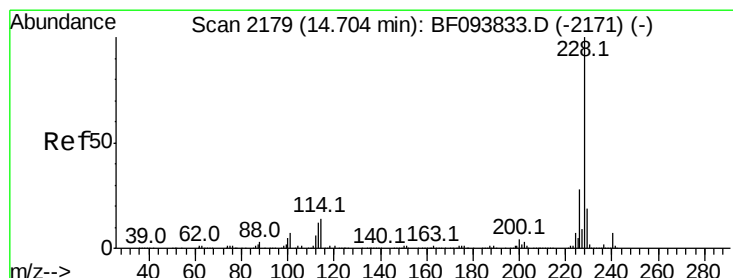
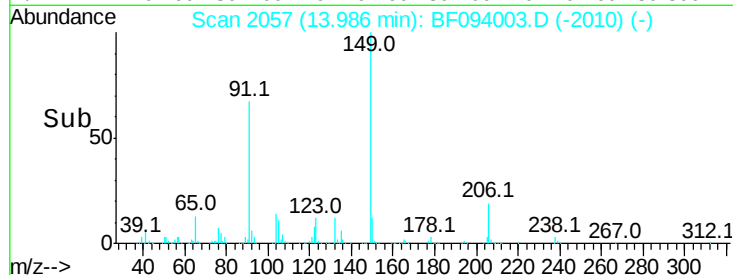
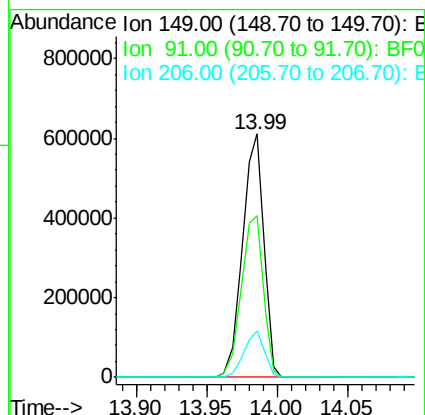
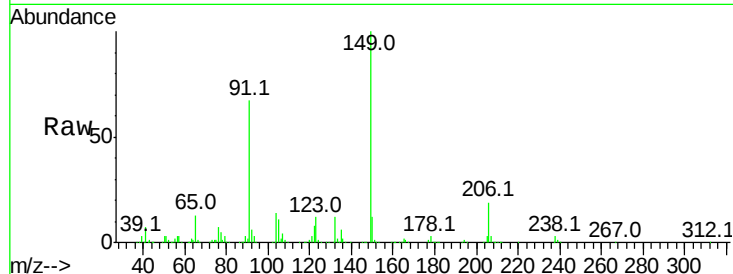




#79
Butylbenzylphthalate
Concen: 55.03 ng
RT: 13.99 min Scan# 2057
Delta R.T. -0.02 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

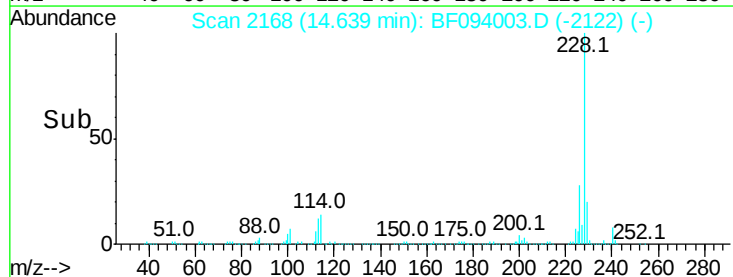
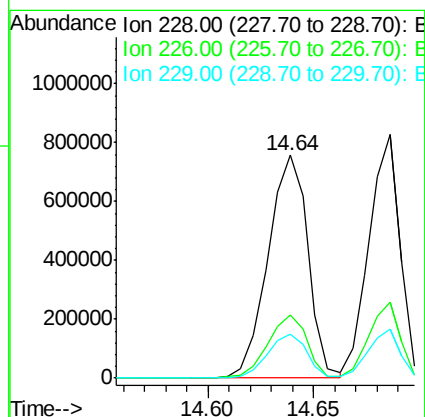
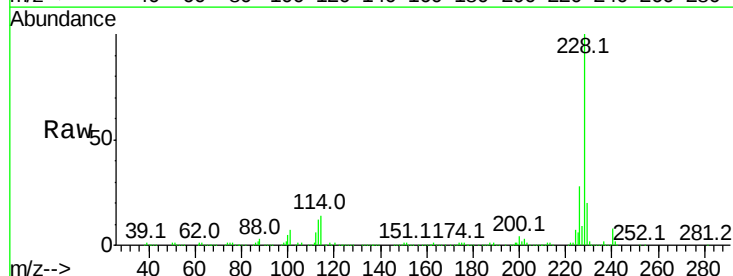
Instrument :
BNA_F
ClientSampleId :

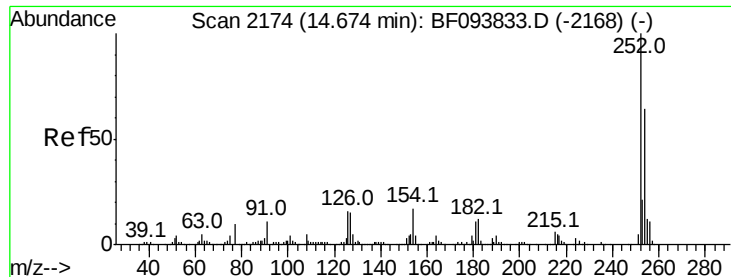
Tot Ion:149 Resp: 640609
Ion Ratio Lower Upper
149 100
91 66.5 45.0 67.4
206 19.1 17.0 25.6



#80
Benzo(a)anthracene
Concen: 45.21 ng
RT: 14.64 min Scan# 2168
Delta R.T. -0.03 min
Lab File: BF094003.D
Acq: 28 Mar 2017 20:08

Tgt Ion:228 Resp: 992524
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 19.8 16.3 24.5

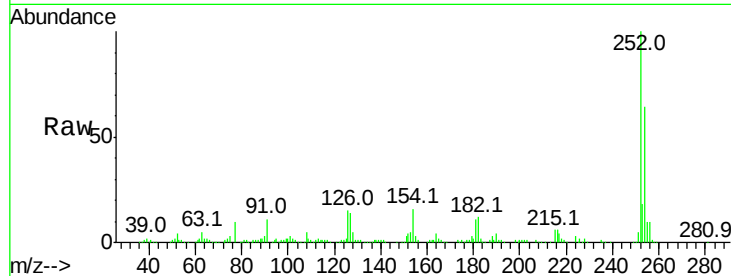




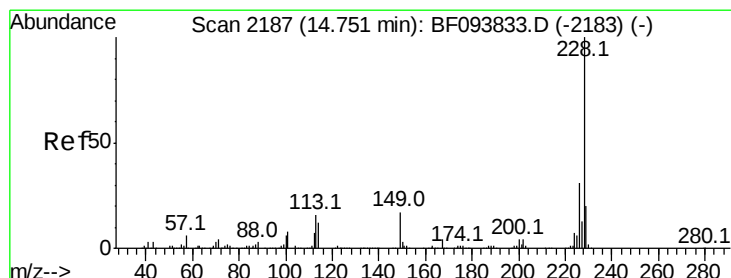
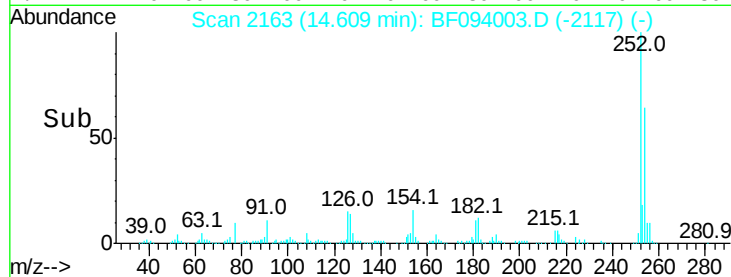
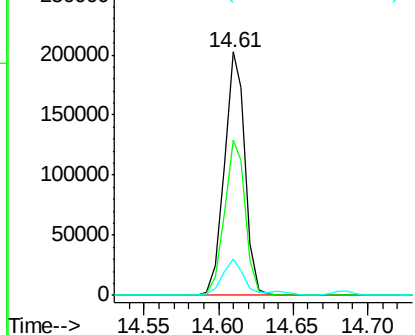
#81
 3,3'-Dichlorobenzidine
 Concen: 25.24 ng
 RT: 14.61 min Scan# 2163
 Delta R.T. -0.03 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 198092
 Ion Ratio Lower Upper
 252 100
 254 63.8 51.5 77.3
 126 15.1 15.8 23.8#

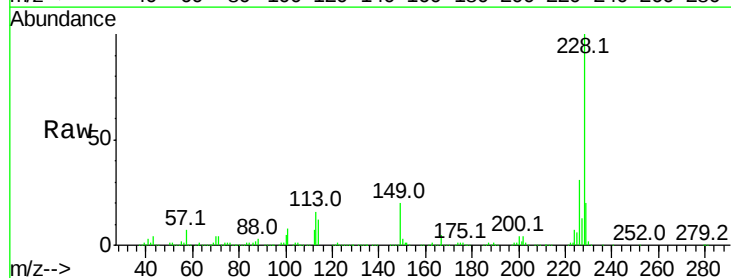


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

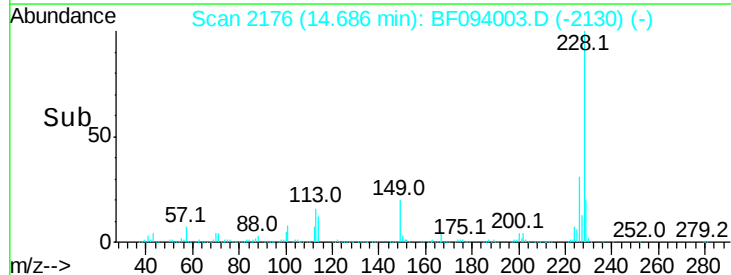
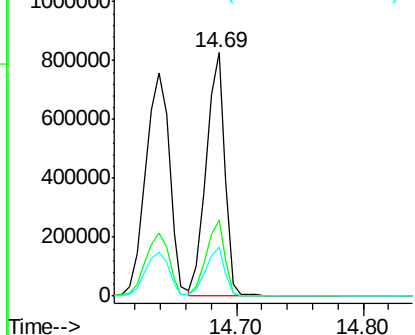


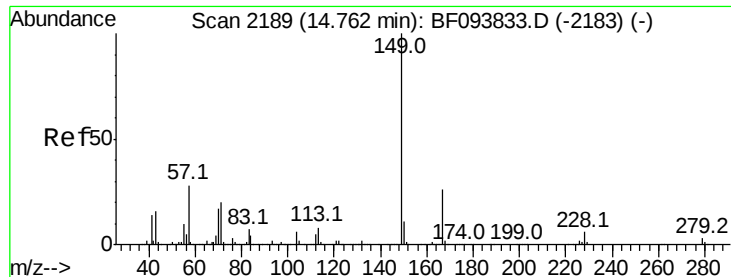
#82
 Chrysene
 Concen: 41.99 ng
 RT: 14.69 min Scan# 2176
 Delta R.T. -0.03 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion:228 Resp: 855511
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.9 37.3
 229 20.0 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

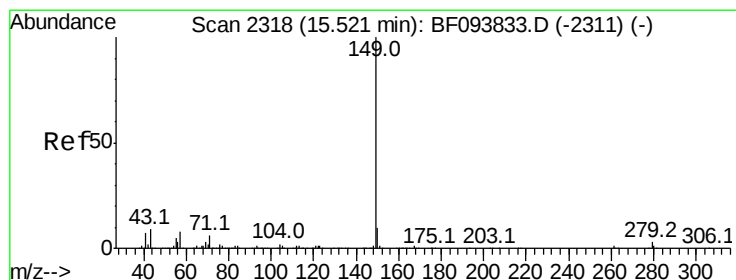
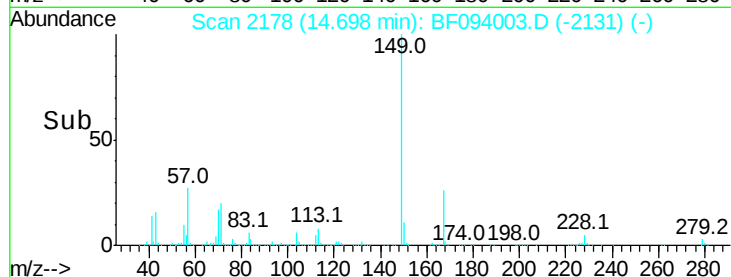
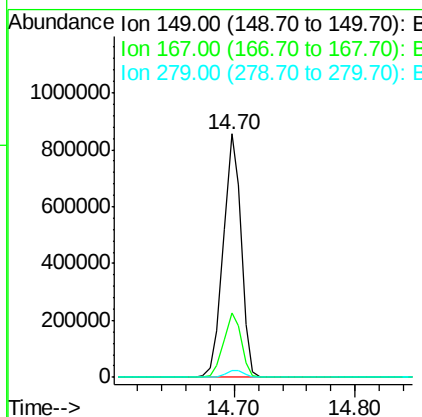
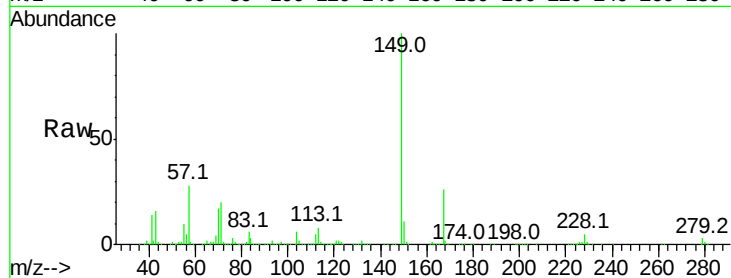




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.89 ng
 RT: 14.70 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

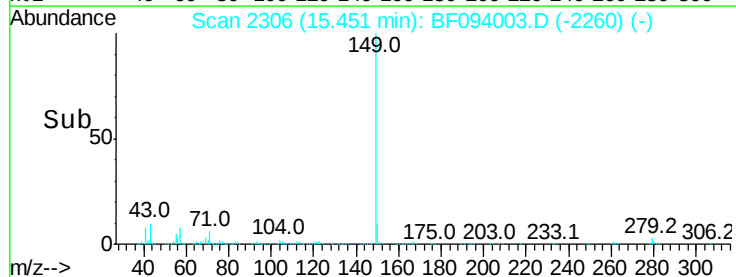
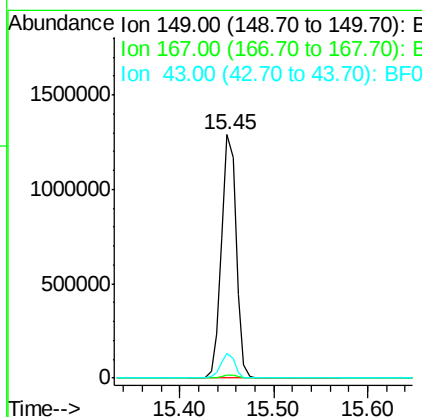
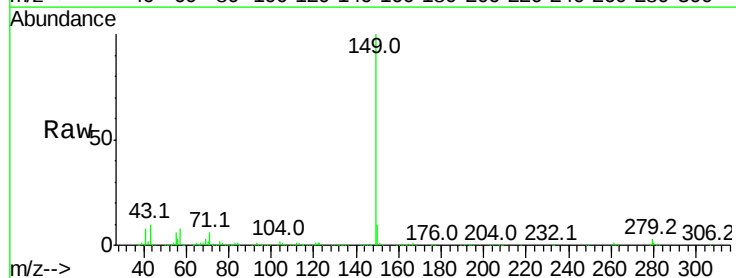
Instrument :
 BNA_F
 ClientSampleId :

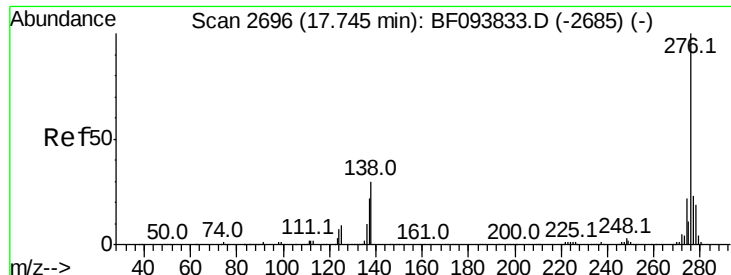
Tot Ion:149 Resp: 871790
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 53.45 ng
 RT: 15.45 min Scan# 2306
 Delta R.T. -0.03 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion:149 Resp: 1418230
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.5 8.5 12.7

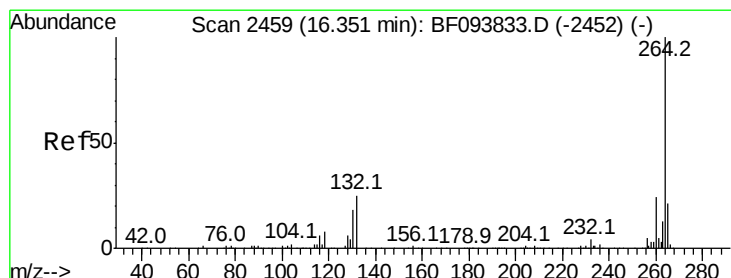
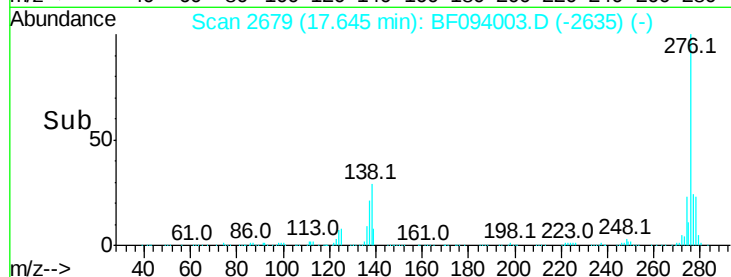
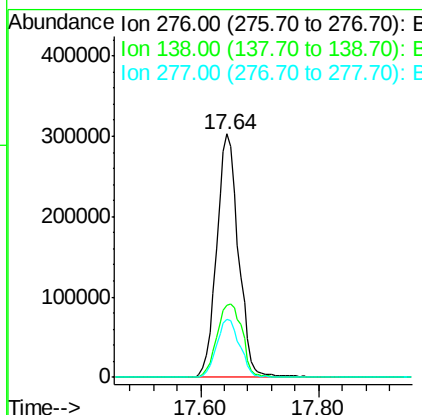
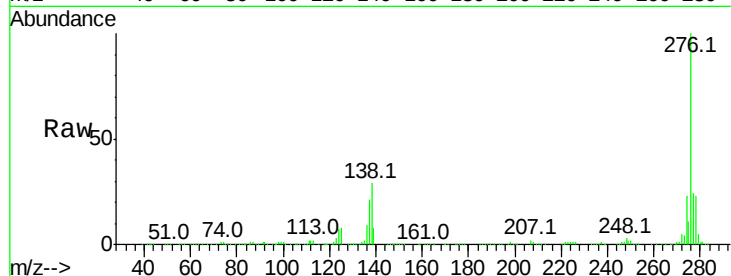




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.00 ng
 RT: 17.64 min Scan# 2679
 Delta R.T. -0.04 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

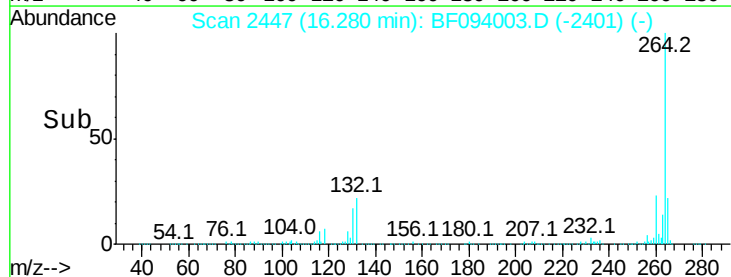
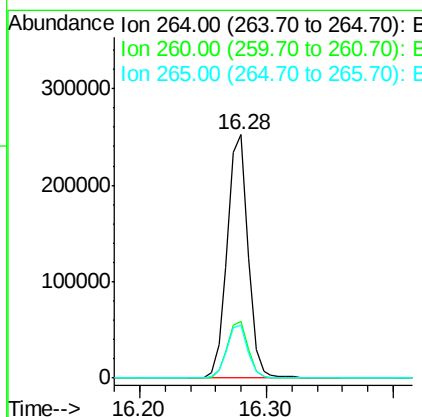
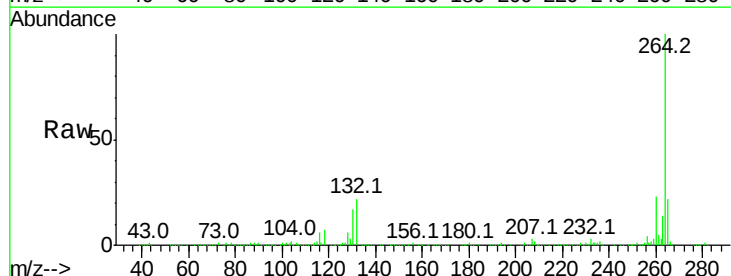
Instrument :
 BNA_F
 ClientSampleId :

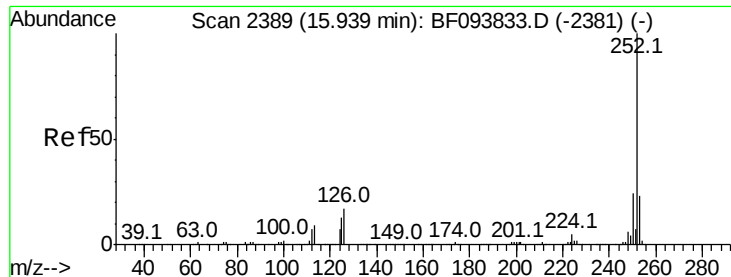
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.8	27.8	41.6
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.28 min Scan# 2447
 Delta R.T. -0.03 min
 Lab File: BF094003.D
 Acq: 28 Mar 2017 20:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 45.25 ng

RT: 15.87 min Scan# 2378

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

ClientSampleId :

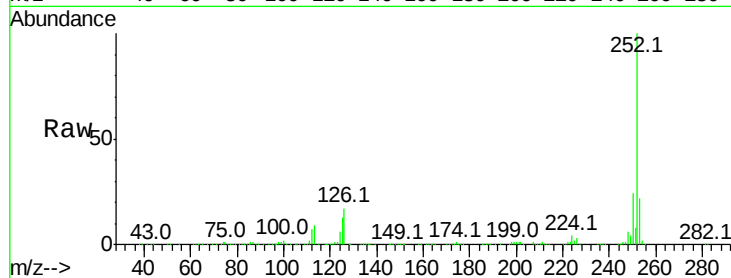
Tot Ion:252 Resp: 796344

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

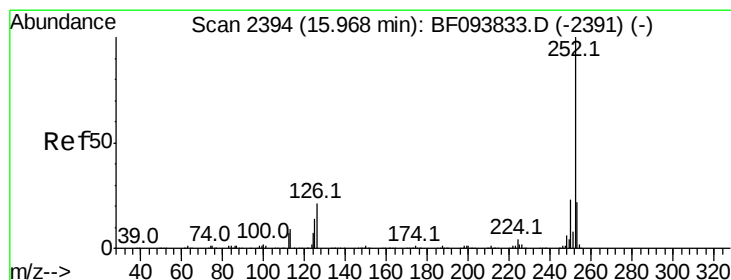
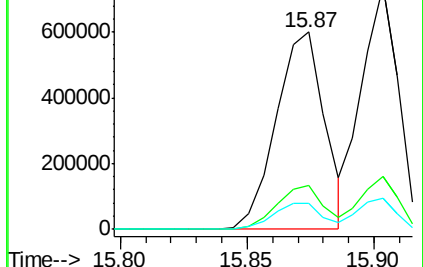
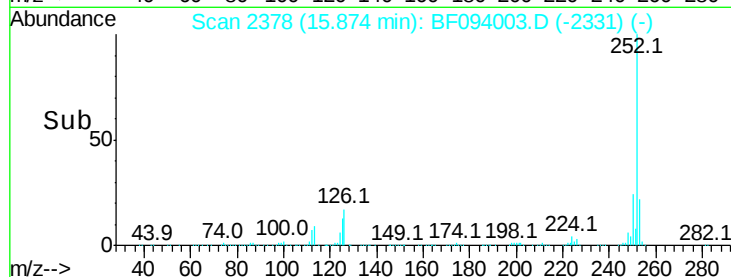
125 13.1 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.23 ng

RT: 15.90 min Scan# 2383

Delta R.T. -0.03 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

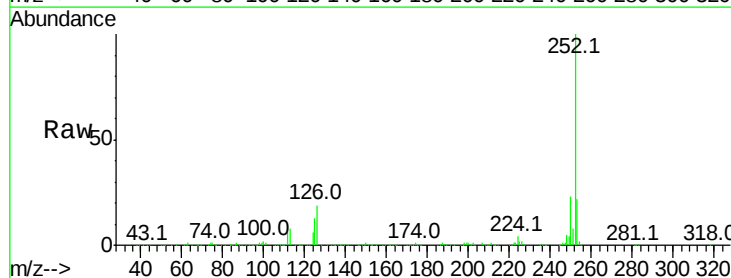
Tgt Ion:252 Resp: 761719

Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

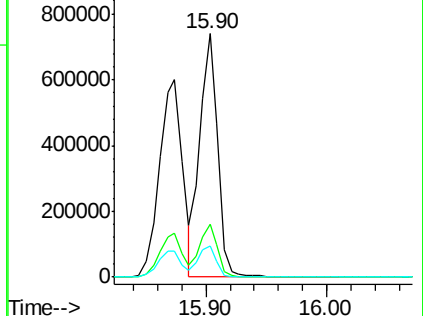
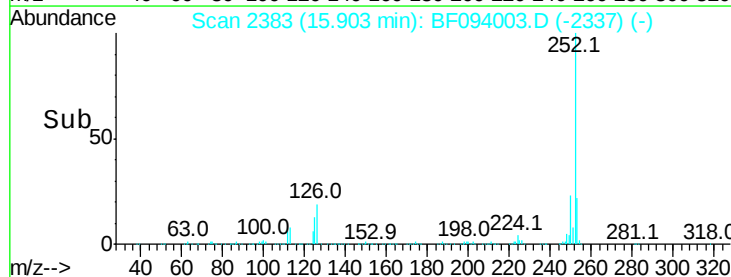
125 12.9 13.1 19.7#

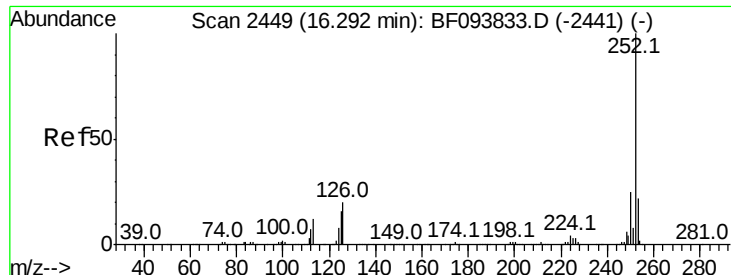


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.03 ng

RT: 16.22 min Scan# 2437

Delta R.T. -0.03 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

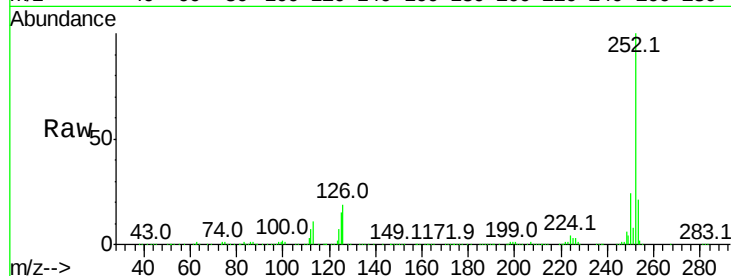
Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 746061

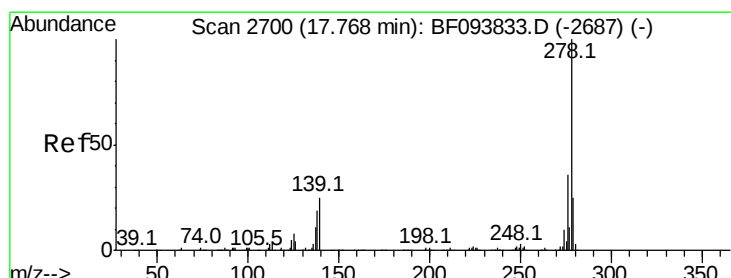
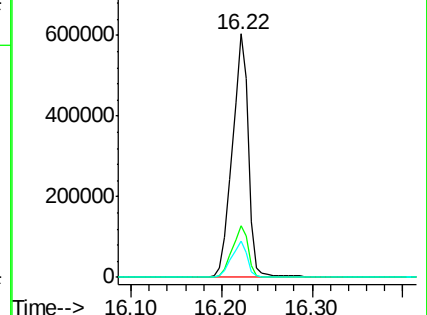
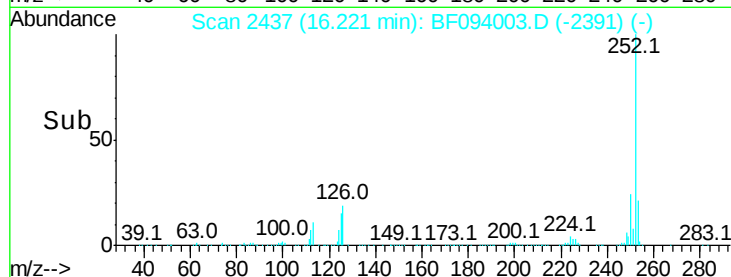
Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	14.7	11.0	16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.22 ng

RT: 17.67 min Scan# 2683

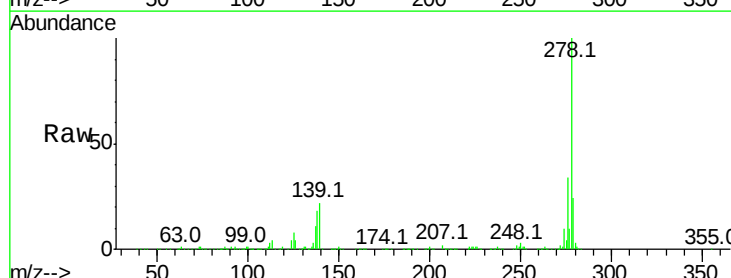
Delta R.T. -0.04 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Tgt Ion:278 Resp: 648109

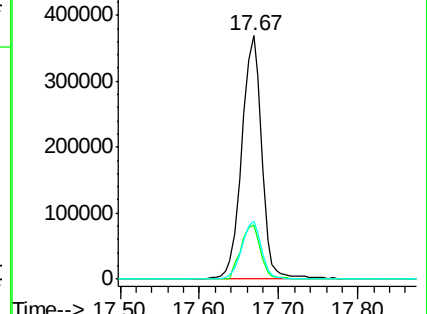
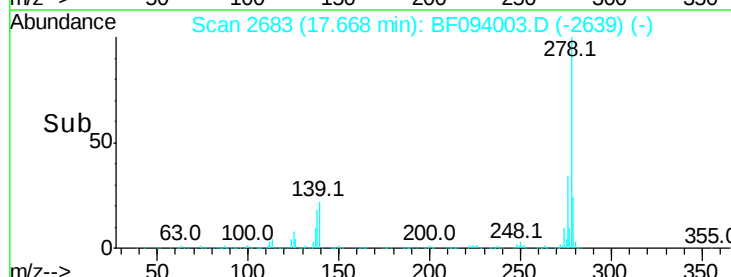
Ion	Ratio	Lower	Upper
278	100		
139	22.4	16.6	24.8
279	23.8	19.3	28.9

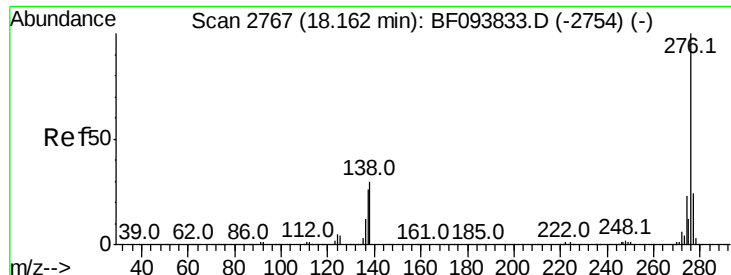


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 45.00 ng

RT: 18.05 min Scan# 2748

Delta R.T. -0.05 min

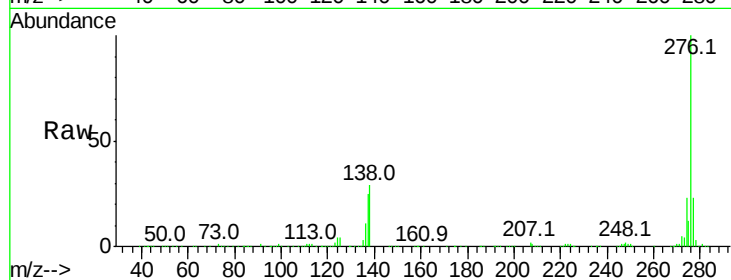
Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 622511

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 28.6 25.4 38.0

