

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094710.D
 Acq On : 30 Apr 2017 13:16
 Operator : SJ/MA
 Sample : PB98571BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:18:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	117235	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	476996	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	226847	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	415882	20.00	ng	0.00
75) Chrysene-d12	14.47	240	314298	20.00	ng	0.00
86) Perylene-d12	16.09	264	215848	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	862696	122.09	ng	0.03
7) Phenol-d6	5.40	99	1031971	123.88	ng	0.00
23) Nitrobenzene-d5	6.42	82	636646	82.42	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	239904	135.21	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1259719	81.71	ng	0.00
78) Terphenyl-d14	13.19	244	1144456	97.33	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.17	88	101581	24.72	ng	98
3) Pyridine	2.69	79	290703	32.37	ng	98
4) n-Nitrosodimethylamine	2.64	42	134459	36.18	ng	84
6) Aniline	5.40	93	328797	29.70	ng	# 83
8) 2-Chlorophenol	5.54	128	332116	41.30	ng	97
9) Benzaldehyde	5.28	77	62460	9.86	ng	98
10) Phenol	5.42	94	401861	39.27	ng	92
11) bis(2-Chloroethyl)ether	5.48	93	296832	39.70	ng	97
12) 1,3-Dichlorobenzene	5.70	146	345809	38.82	ng	98
13) 1,4-Dichlorobenzene	5.79	146	351383	39.20	ng	97
14) 1,2-Dichlorobenzene	5.97	146	325237	39.39	ng	95
15) Benzyl Alcohol	5.95	79	247824	40.10	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.10	45	385127	39.29	ng	66
17) 2-Methylphenol	6.09	107	266101	42.02	ng	93
18) Hexachloroethane	6.35	117	119735	38.97	ng	88
19) n-Nitroso-di-n-propylamine	6.26	70	229388	41.56	ng	94
20) 3+4-Methylphenols	6.28	107	369752	42.97	ng	# 63
22) Acetophenone	6.25	105	465144	40.11	ng	# 84
24) Nitrobenzene	6.44	77	327468	40.25	ng	94
25) Isophorone	6.73	82	599211	41.84	ng	96
26) 2-Nitrophenol	6.81	139	185516	42.45	ng	97
27) 2,4-Dimethylphenol	6.89	122	303095	42.70	ng	99
28) bis(2-Chloroethoxy)methane	6.99	93	379735	41.00	ng	100
29) 2,4-Dichlorophenol	7.12	162	294290	44.56	ng	99
30) 1,2,4-Trichlorobenzene	7.20	180	275246	40.31	ng	99
31) Naphthalene	7.29	128	928421	40.49	ng	100
32) Benzoic acid	7.04	122	46406	12.36	ng	96
33) 4-Chloroaniline	7.37	127	98336	10.31	ng	# 93
34) Hexachlorobutadiene	7.44	225	139932	41.11	ng	98
35) Caprolactam	7.84	113	47169	22.74	ng	94
36) 4-Chloro-3-methylphenol	8.00	107	310895	44.92	ng	89
37) 2-Methylnaphthalene	8.13	142	662716	42.24	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	258951	40.09	ng	100
40) Hexachlorocyclopentadiene	8.32	237	213261	81.61	ng	99

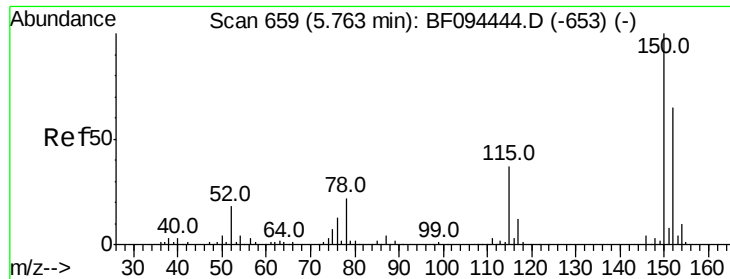
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094710.D
 Acq On : 30 Apr 2017 13:16
 Operator : SJ/MA
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Instrument :
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Quant Time: May 01 01:18:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	193135	42.58	nq	99
43) 2,4,5-Trichlorophenol	8.55	196	205609	44.14	nq	95
45) 1,1'-Biphenyl	8.70	154	757358	40.86	nq	98
46) 2-Chloronaphthalene	8.72	162	606294	41.14	nq	94
47) 2-Nitroaniline	8.86	65	178243	42.04	nq	87
48) Acenaphthylene	9.22	152	961211	41.84	nq	99
49) Dimethylphthalate	9.10	163	762141	45.08	nq	99
50) 2,6-Dinitrotoluene	9.17	165	167824	44.23	nq	99
51) Acenaphthene	9.44	154	573443	41.67	nq	99
52) 3-Nitroaniline	9.37	138	92107	20.98	nq	87
53) 2,4-Dinitrophenol	9.52	184	60837	33.18	nq	# 66
54) Dibenzofuran	9.65	168	857785	42.89	nq	97
55) 4-Nitrophenol	9.65	139	542447	174.89	nq	# 35
56) 2,4-Dinitrotoluene	9.67	165	225613	48.46	nq	93
57) Fluorene	10.07	166	666758	42.81	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	148827	44.57	nq	# 94
59) Diethylphthalate	9.97	149	719788	45.12	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	287100	44.30	nq	95
61) 4-Nitroaniline	10.14	138	168672	37.79	nq	96
62) Azobenzene	10.28	77	678098	43.78	nq	93
64) 4,6-Dinitro-2-methylphenol	10.17	198	66551	24.42	nq	# 76
65) n-Nitrosodiphenylamine	10.24	169	616535	42.63	nq	99
66) 4-Bromophenyl-phenylether	10.68	248	179804	43.54	nq	98
67) Hexachlorobenzene	10.75	284	180190	43.30	nq	# 91
68) Atrazine	10.91	200	187416	43.31	nq	97
69) Pentachlorophenol	11.01	266	119281	72.18	nq	98
70) Phenanthrene	11.25	178	974908	41.63	nq	98
71) Anthracene	11.31	178	1020387	42.12	nq	98
72) Carbazole	11.52	167	935183	41.13	nq	97
73) Di-n-butylphthalate	11.97	149	1165248	46.55	nq	99
74) Fluoranthene	12.71	202	1019926	42.02	nq	99
76) Benzidine	12.89	184	362476	28.48	nq	# 92
77) Pyrene	12.99	202	1030844	46.95	nq	99
79) Butylbenzylphthalate	13.81	149	481921	50.08	nq	89
80) Benzo(a)anthracene	14.46	228	798487	43.71	nq	98
81) 3,3'-Dichlorobenzidine	14.44	252	159285	24.63	nq	# 96
82) Chrysene	14.51	228	702568	42.08	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	656836	50.84	nq	# 98
84) Di-n-octyl phthalate	15.27	149	1036269	47.81	nq	97
85) Indeno(1,2,3-cd)pyrene	17.39	276	557982	35.13	nq	100
87) Benzo(b)fluoranthene	15.69	252	618013	46.80	nq	98
88) Benzo(k)fluoranthene	15.72	252	554191	44.35	nq	96
89) Benzo(a)pyrene	16.04	252	538997	43.88	nq	99
90) Dibenzo(a,h)anthracene	17.40	278	466945	45.78	nq	99
91) Benzo(g,h,i)perylene	17.76	276	472832	45.53	nq	97

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

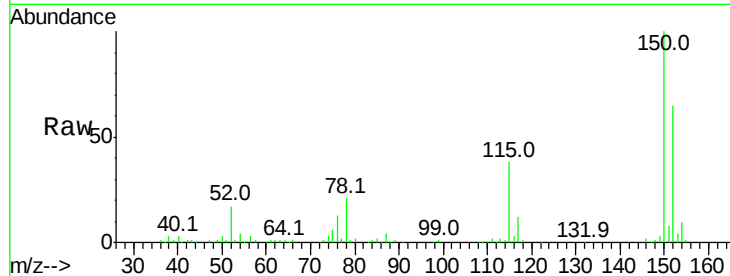


#1

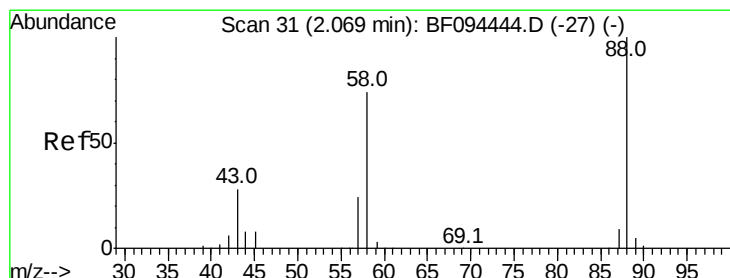
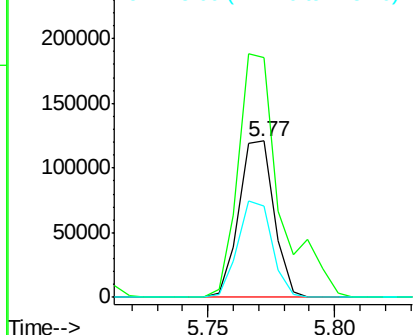
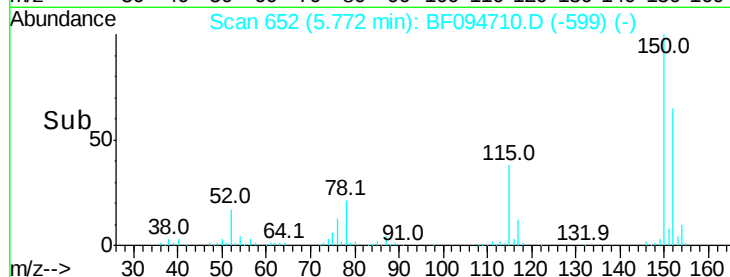
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117235
Ion Ratio Lower Upper
152 100
150 153.3 126.2 189.2
115 58.4 52.2 78.2



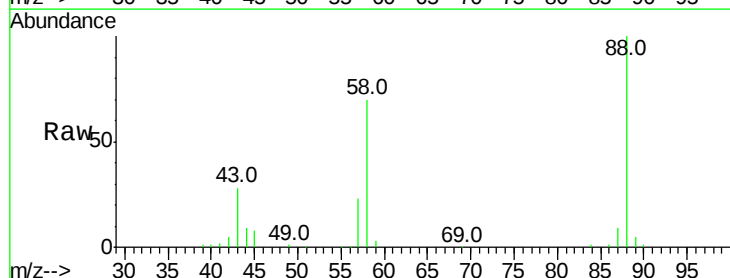
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



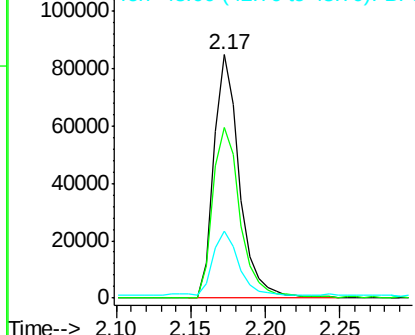
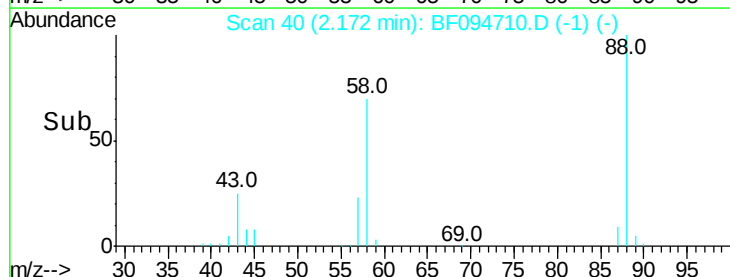
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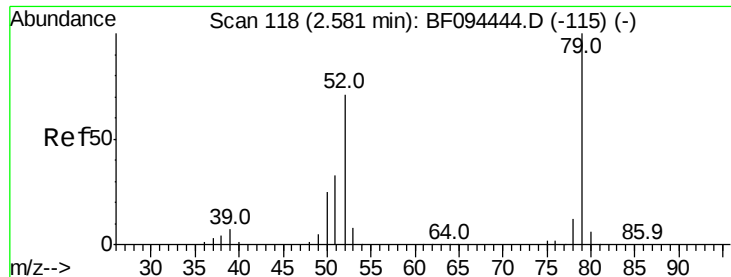
1,4-Dioxane
Concen: 24.72 ng
RT: 2.17 min Scan# 40
Delta R.T. 0.10 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion: 88 Resp: 101581
Ion Ratio Lower Upper
88 100
58 75.9 61.4 92.0
43 27.5 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

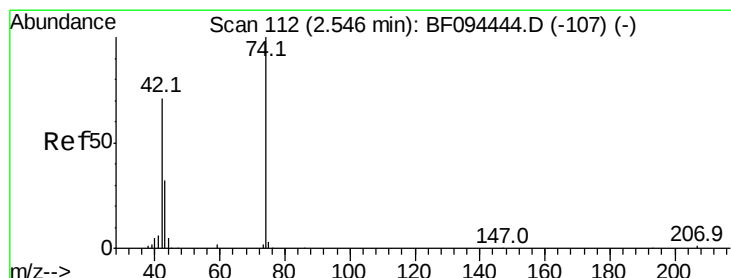
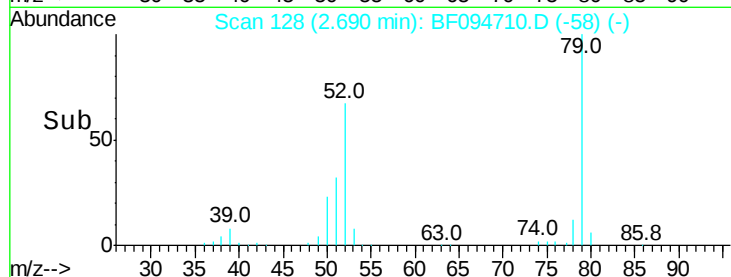
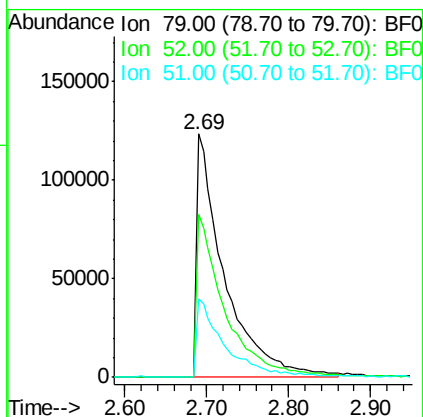
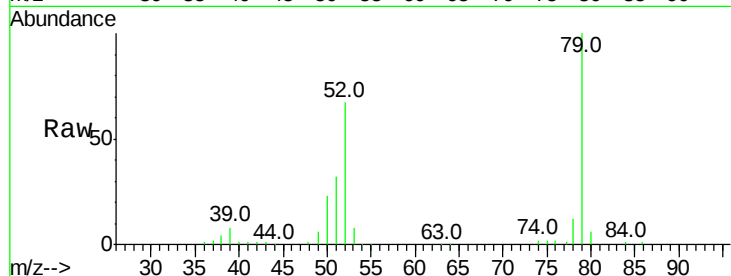




#3
 Pvridine
 Concen: 32.37 ng
 RT: 2.69 min Scan# 128
 Delta R.T. 0.11 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

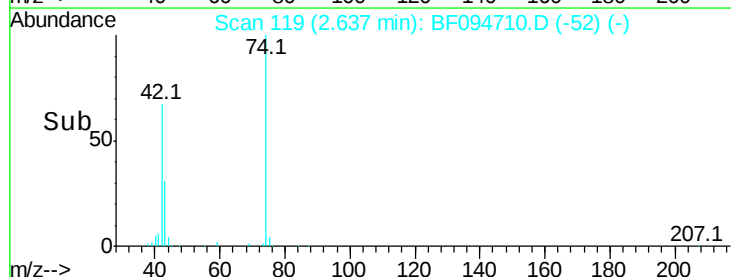
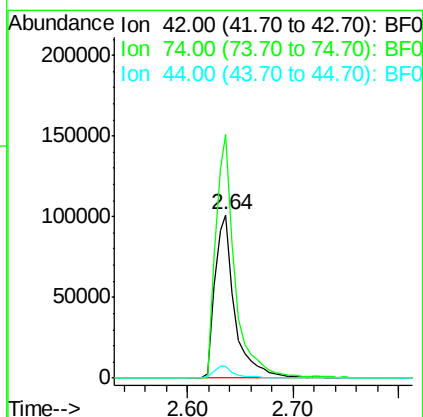
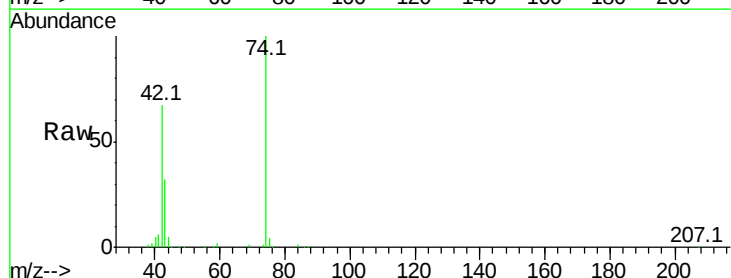
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 290703
 Ion Ratio Lower Upper
 79 100
 52 66.8 54.8 82.2
 51 32.3 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 36.18 ng
 RT: 2.64 min Scan# 119
 Delta R.T. 0.09 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion: 42 Resp: 134459
 Ion Ratio Lower Upper
 42 100
 74 149.3 103.9 155.9
 44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 122.09 ng

RT: 4.33 min Scan# 407

Delta R.T. 0.03 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampleId :

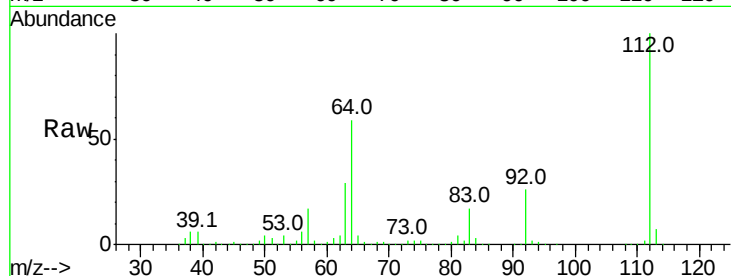
Tot Ion:112 Resp: 862696

Ion Ratio Lower Upper

112 100

64 58.6 46.0 69.0

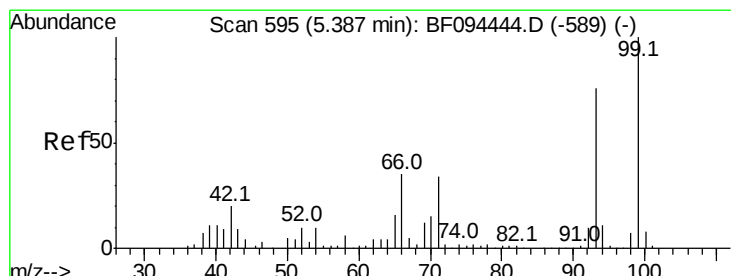
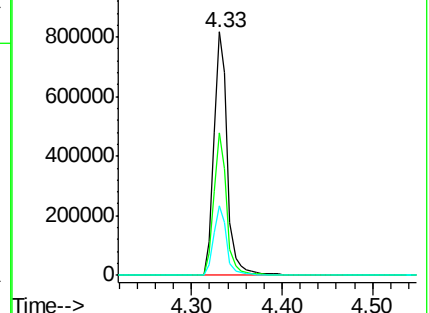
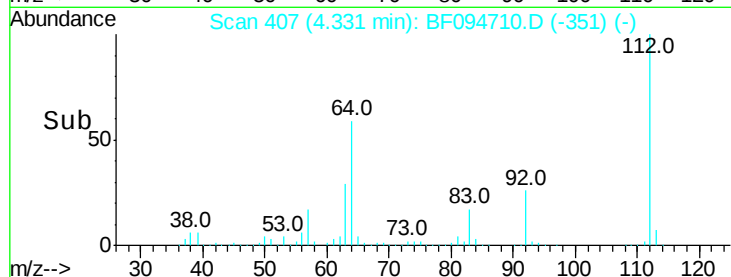
63 28.7 23.4 35.0



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: 29.70 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

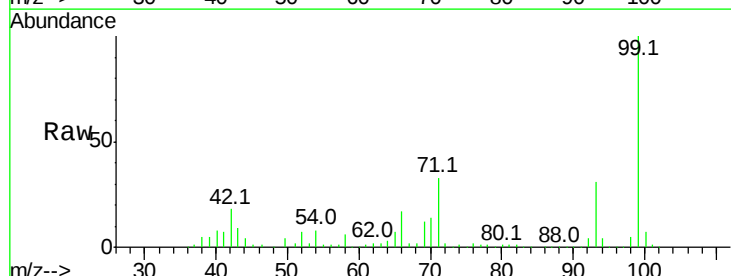
Tgt Ion: 93 Resp: 328797

Ion Ratio Lower Upper

93 100

66 54.9 32.9 49.3#

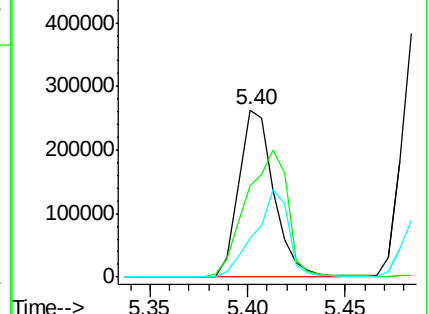
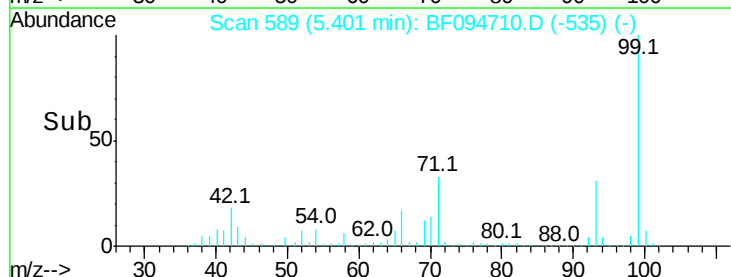
65 23.3 16.0 24.0

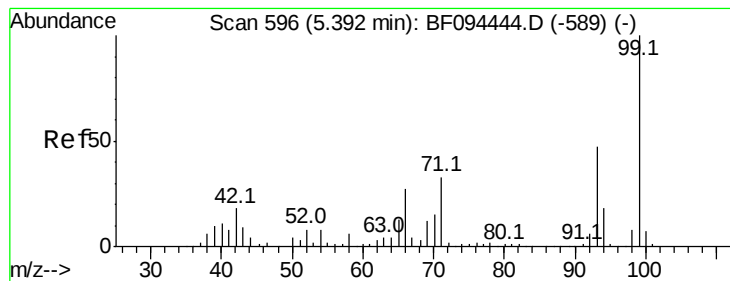


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.88 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

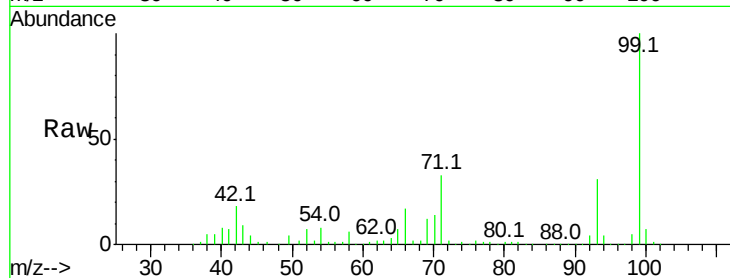
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1031971

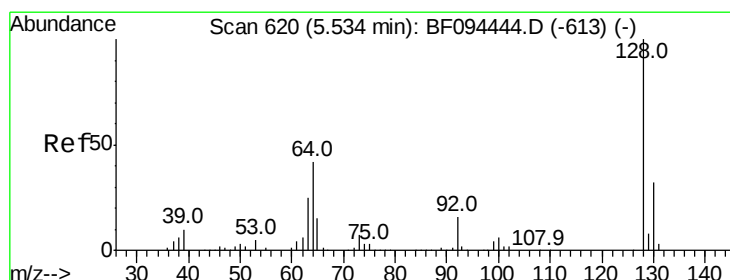
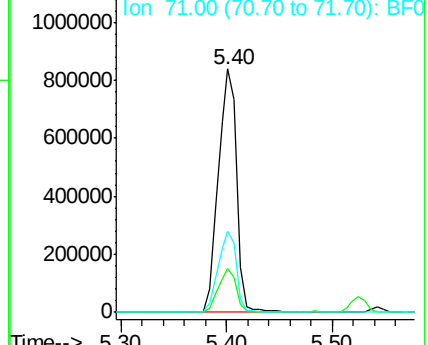
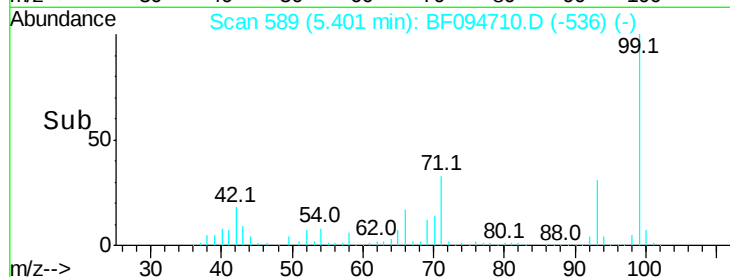
Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.5	20.3
71	33.1	24.5	36.7



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: 41.30 ng

RT: 5.54 min Scan# 613

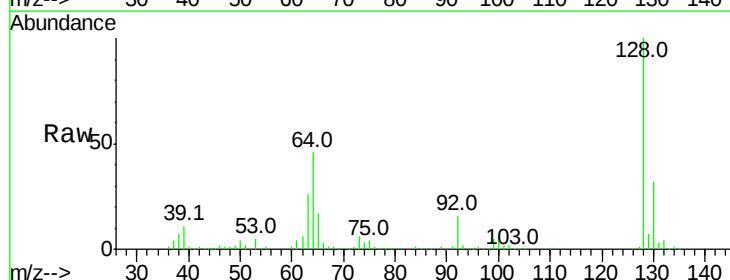
Delta R.T. 0.01 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Tgt Ion: 128 Resp: 332116

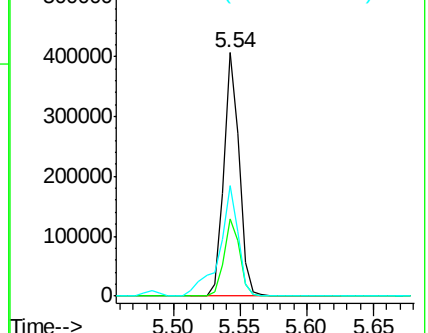
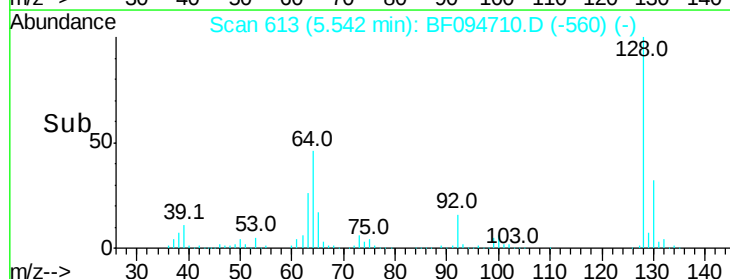
Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.9	52.9
64	45.5	28.4	68.4

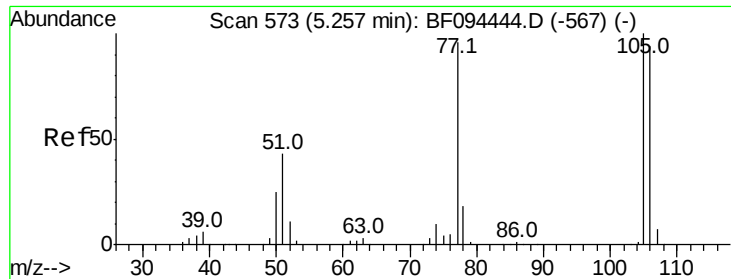


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

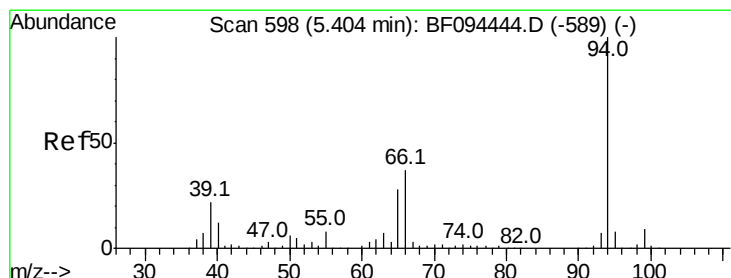
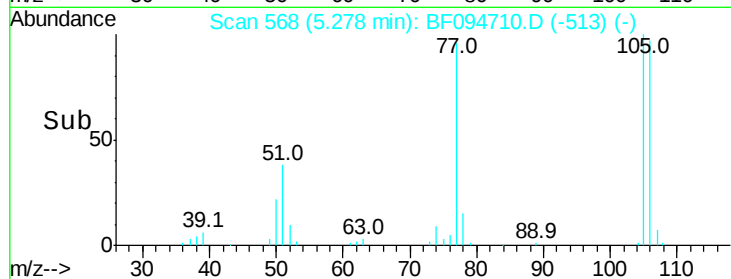
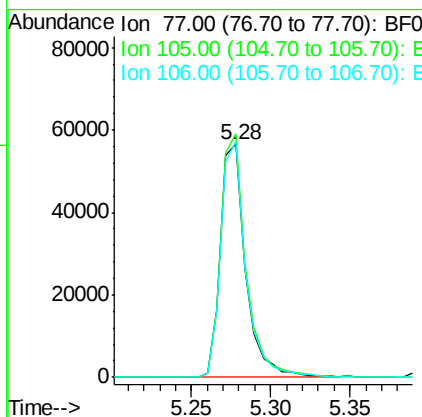
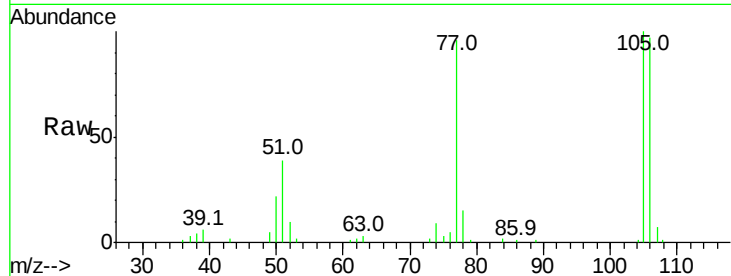




#9
Benzaldehyde
Concen: 9.86 ng
RT: 5.28 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

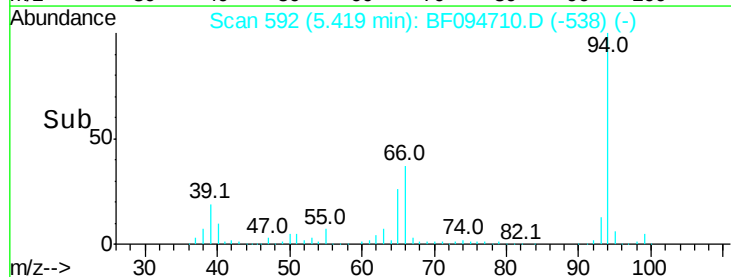
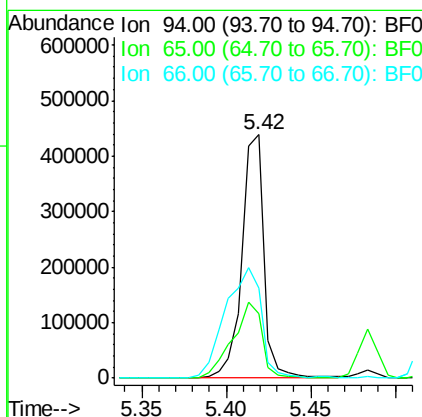
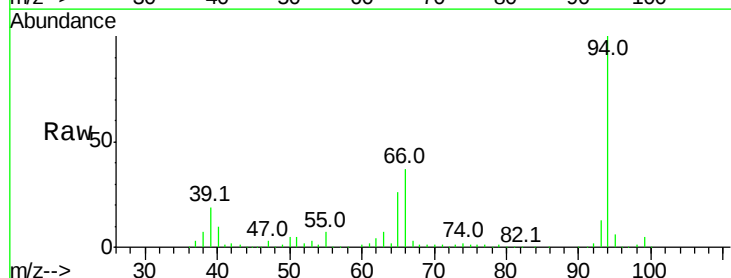
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 62460
Ion Ratio Lower Upper
77 100
105 104.6 83.8 123.8
106 101.5 79.1 119.1



#10
Phenol
Concen: 39.27 ng
RT: 5.42 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion: 94 Resp: 401861
Ion Ratio Lower Upper
94 100
65 26.4 9.9 49.9
66 37.1 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 39.70 ng

RT: 5.48 min Scan# 603

Delta R.T. 0.01 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Instrument :

BNA_F

ClientSampleId :

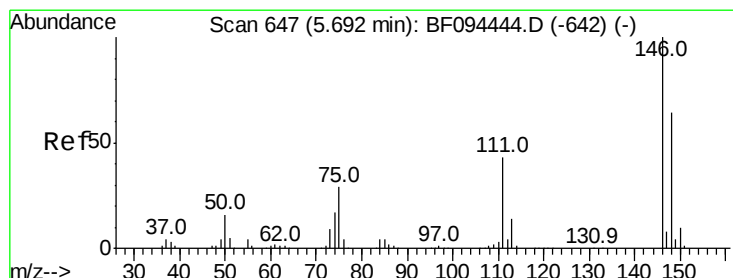
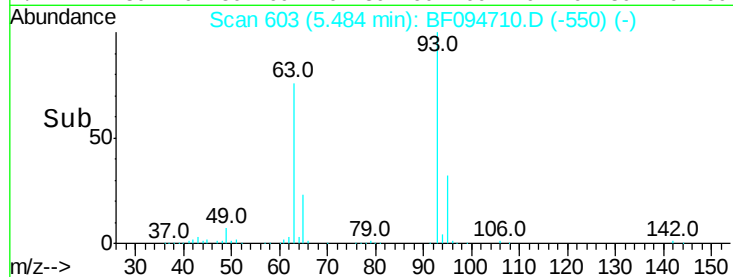
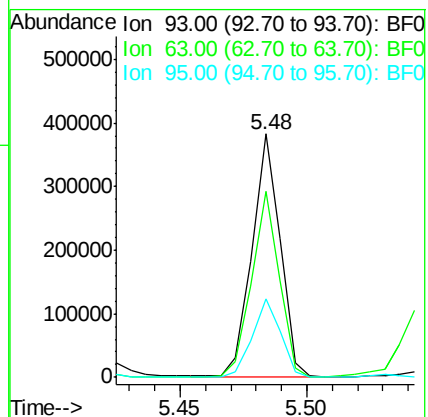
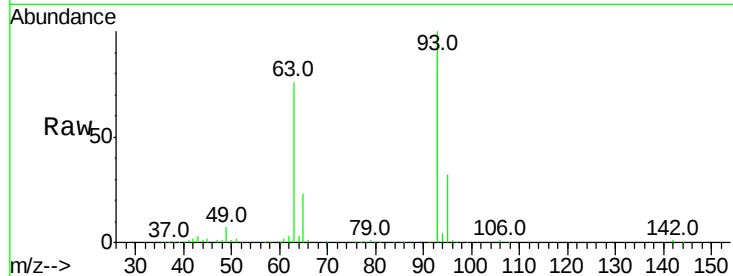
Tot Ion: 93 Resp: 296832

Ion Ratio Lower Upper

93 100

63 76.3 59.2 99.2

95 32.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.82 ng

RT: 5.70 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

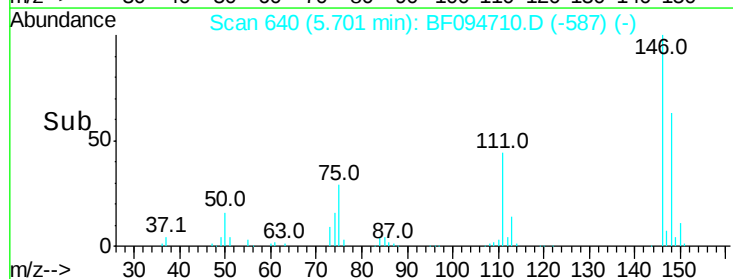
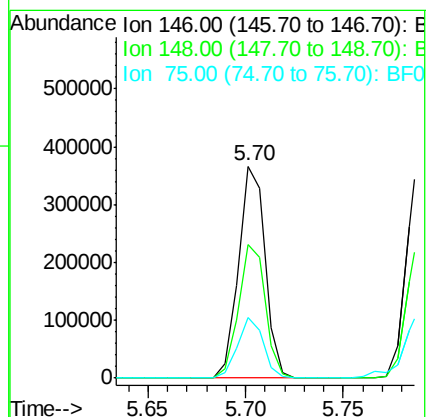
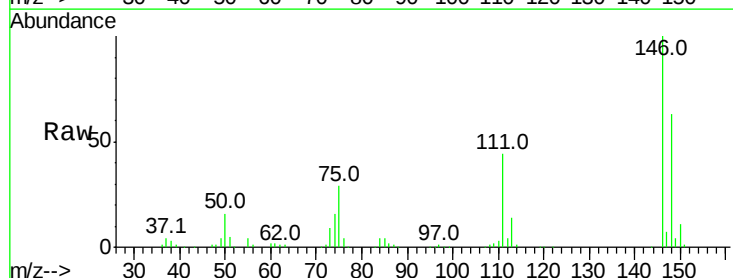
Tgt Ion: 146 Resp: 345809

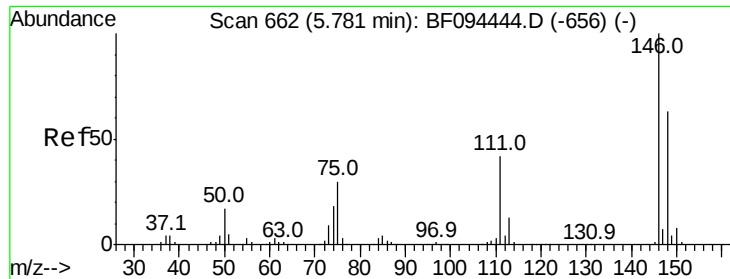
Ion Ratio Lower Upper

146 100

148 62.8 51.8 77.6

75 28.8 23.1 34.7

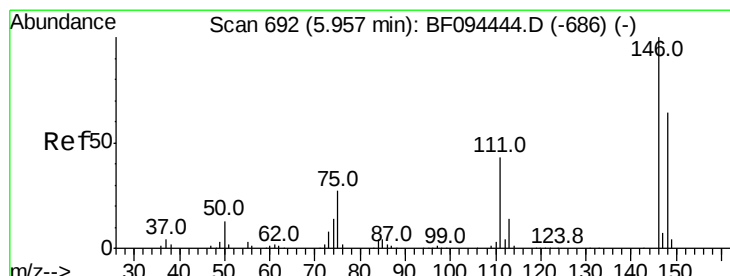
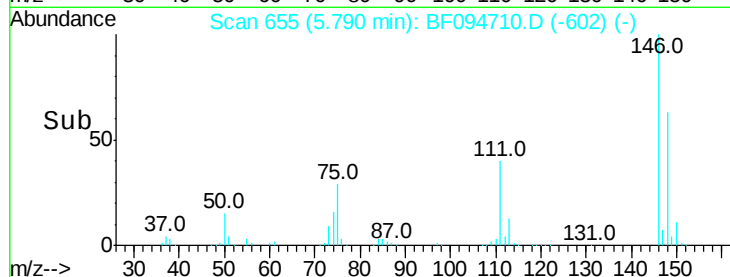
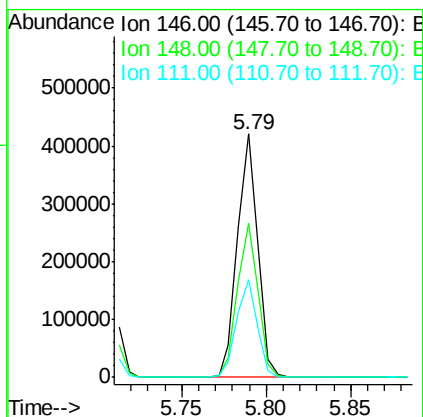
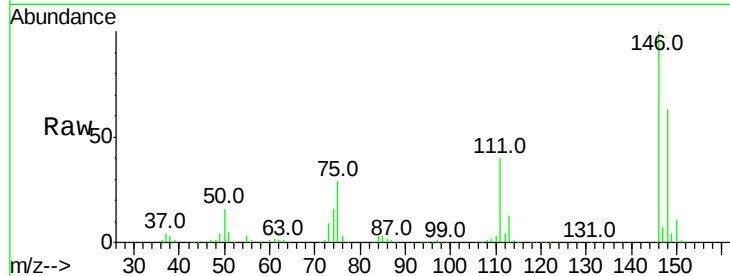




#13
 1,4-Dichlorobenzene
 Concen: 39.20 ng
 RT: 5.79 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

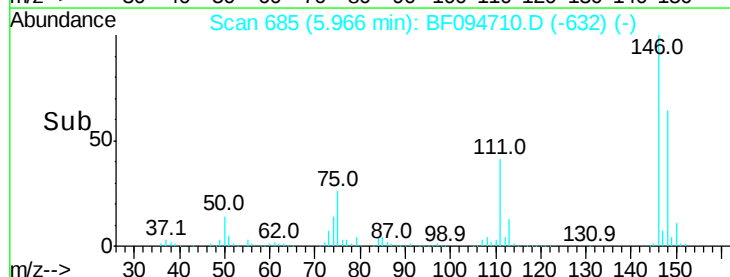
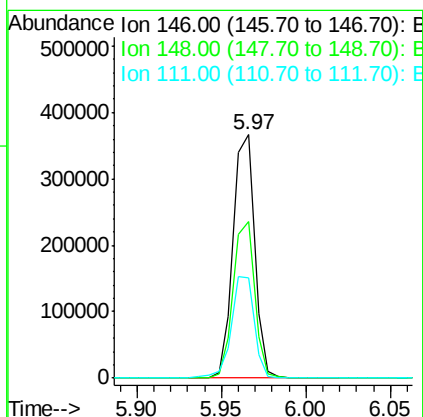
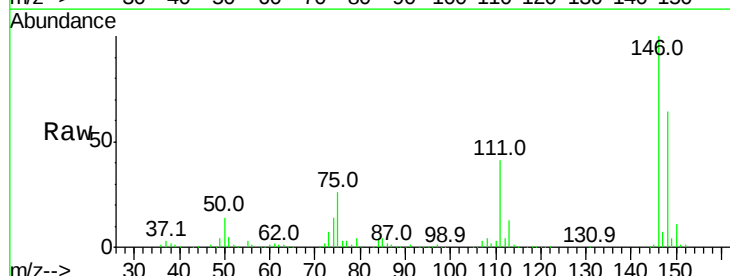
Instrument :
 BNA_F
 ClientSampled :

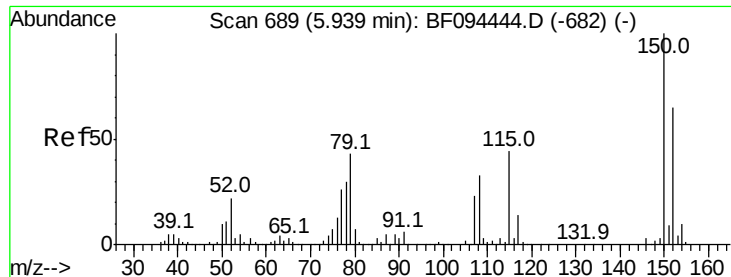
Tot Ion:146 Resp: 351383
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.2
 111 40.2 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 39.39 ng
 RT: 5.97 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion:146 Resp: 325237
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.4 75.6
 111 41.1 38.2 57.4

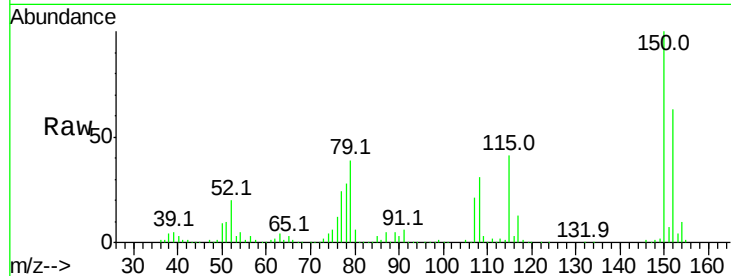




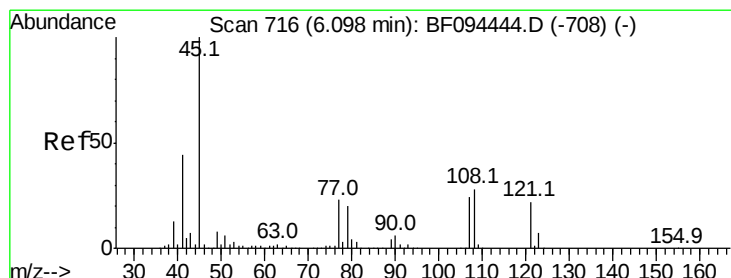
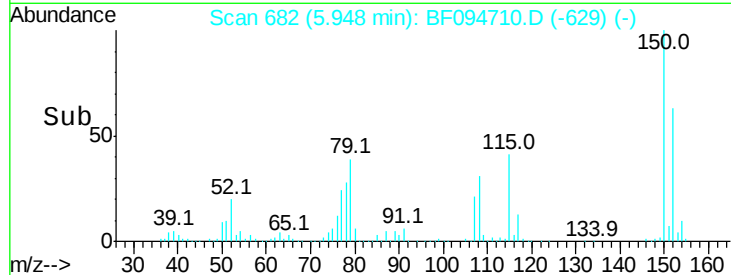
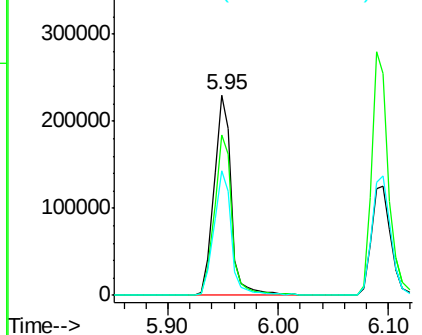
#15
Benzyl Alcohol
Concen: 40.10 ng
RT: 5.95 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 247824
Ion Ratio Lower Upper
79 100
108 79.8 63.4 95.0
77 62.4 49.2 73.8

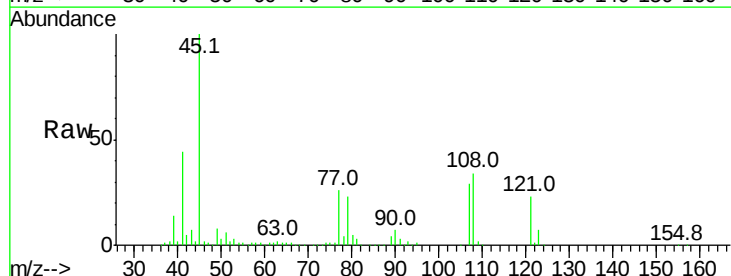


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

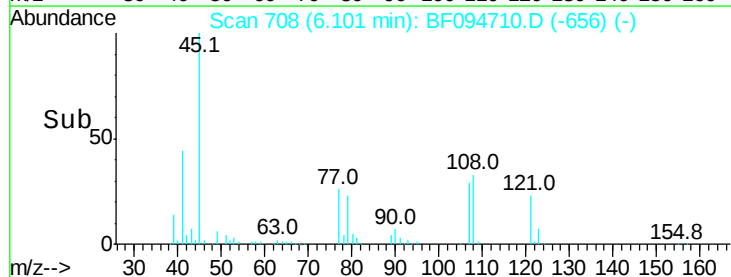
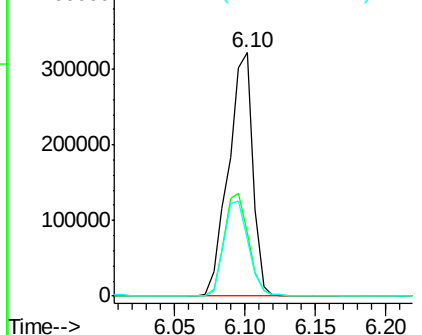


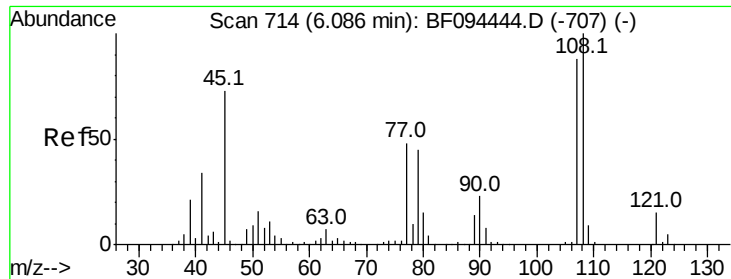
#16
2,2'-oxybis(1-chloropropane)
Concen: 39.29 ng
RT: 6.10 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion: 45 Resp: 385127
Ion Ratio Lower Upper
45 100
77 26.2 0.0 33.2
79 23.2 0.0 30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

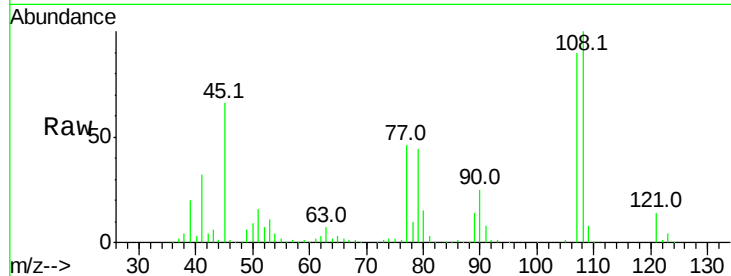




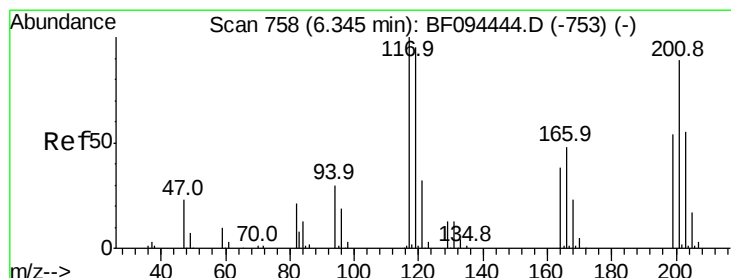
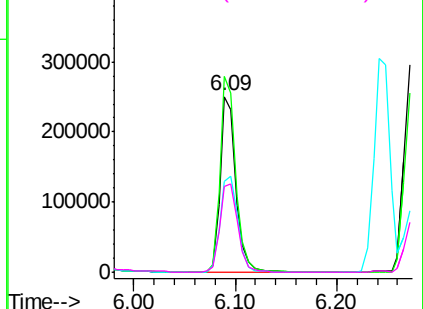
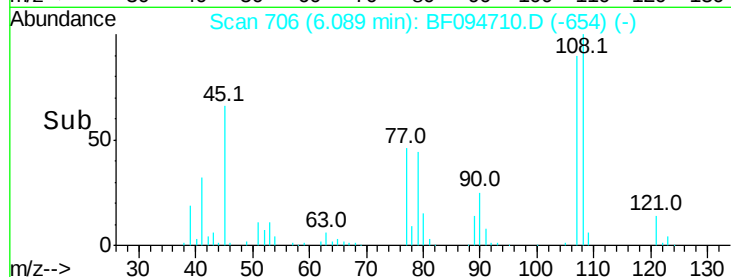
#17
2-Methylphenol
Concen: 42.02 ng
RT: 6.09 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 266101
Ion Ratio Lower Upper
107 100
108 111.5 93.4 140.0
77 51.6 35.8 53.6
79 49.0 34.8 52.2

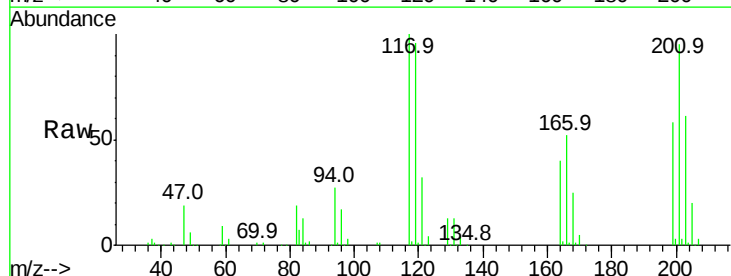


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

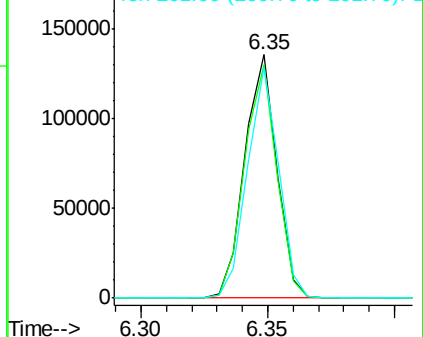
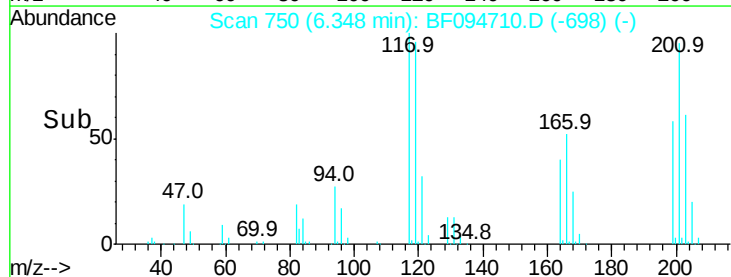


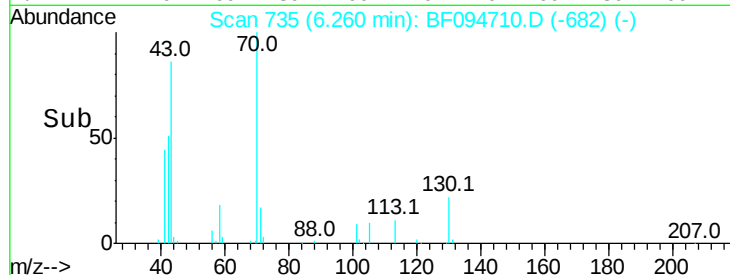
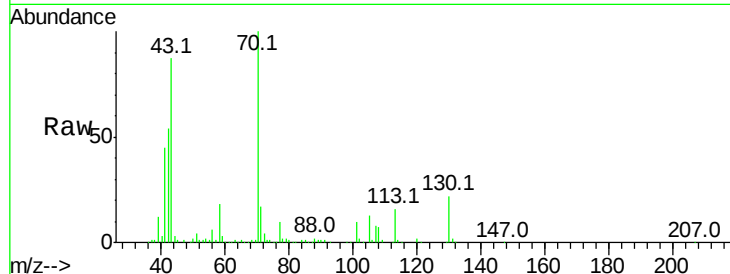
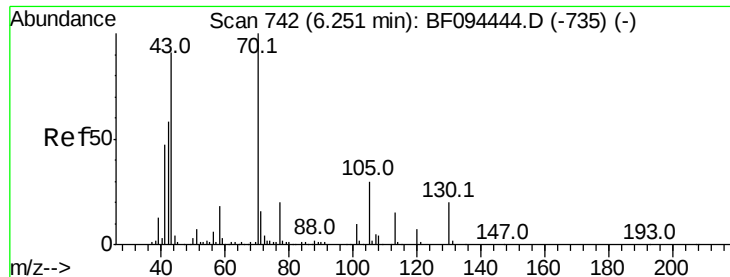
#18
Hexachloroethane
Concen: 38.97 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion:117 Resp: 119735
Ion Ratio Lower Upper
117 100
119 96.1 77.4 116.0
201 94.9 94.6 141.8



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

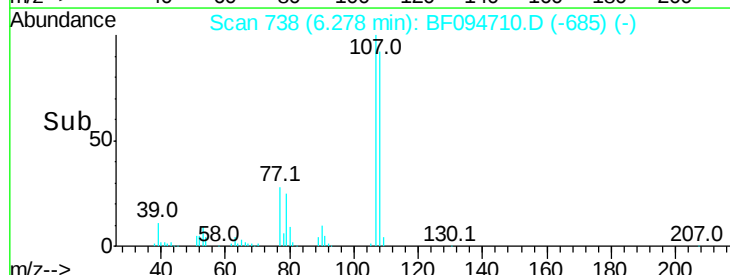
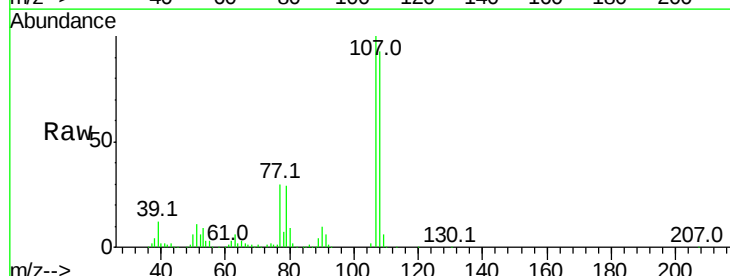
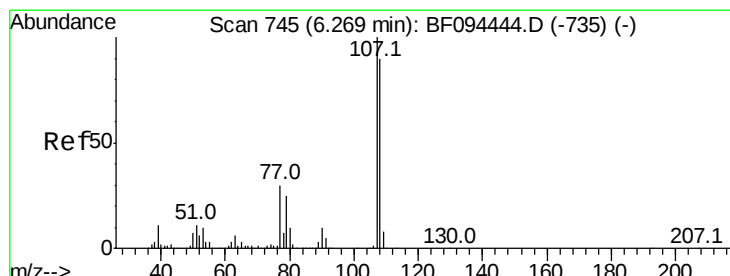
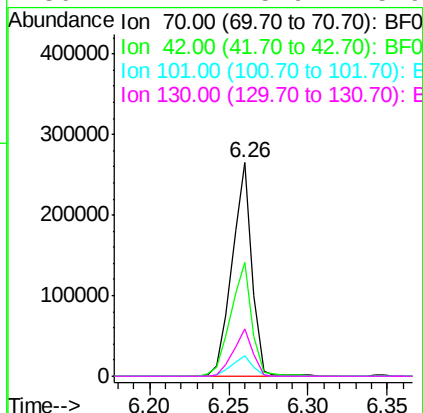




#19
n-Nitroso-di-n-propylamine
Concen: 41.56 ng
RT: 6.26 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

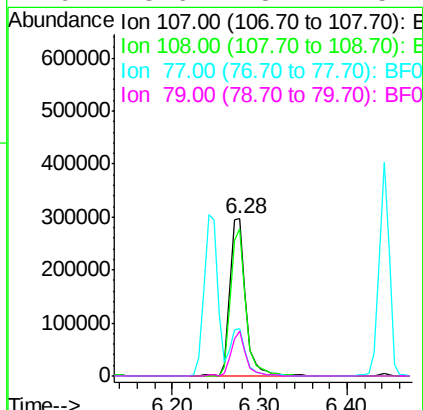
Instrument :
BNA_F
ClientSampleId :

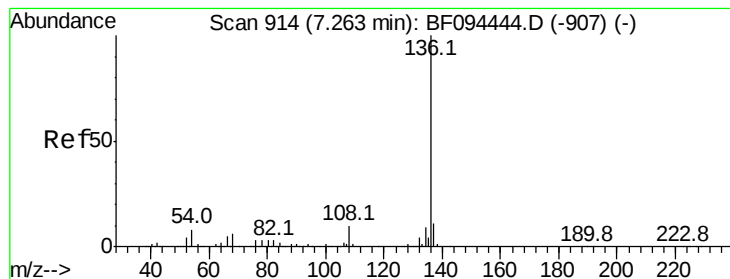
Tot Ion:	70	Resp:	229388
Ion	Ratio	Lower	Upper
70	100		
42	53.5	47.2	70.8
101	9.7	7.2	10.8
130	22.1	15.9	23.9



#20
3+4-Methylphenols
Concen: 42.97 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion:	107	Resp:	369752
Ion	Ratio	Lower	Upper
107	100		
108	93.4	71.0	111.0
77	30.2	90.5	130.5#
79	28.6	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 476996

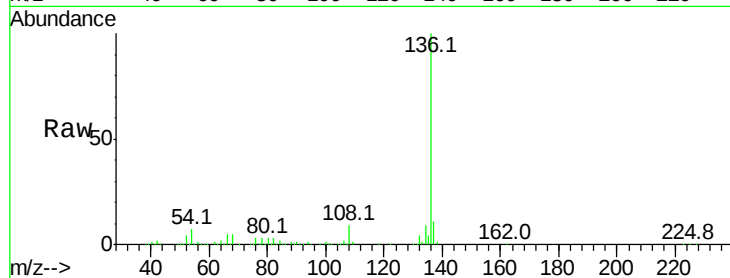
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.0 4.9 7.3

68 5.4 4.1 6.1

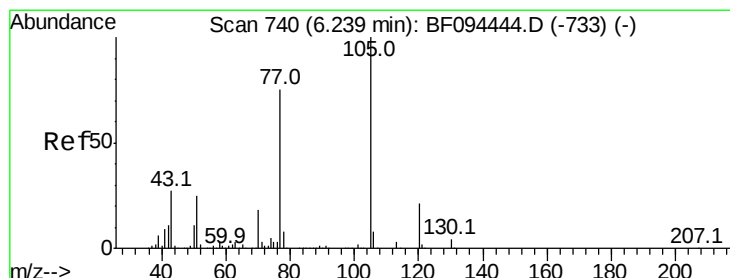
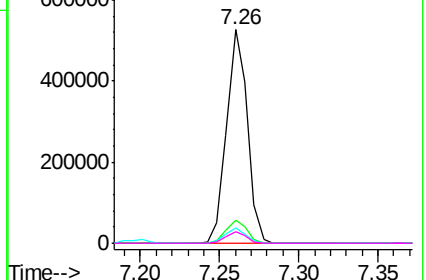
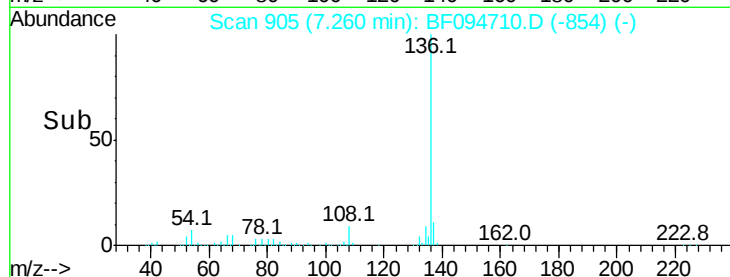


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.11 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Tgt Ion:105 Resp: 465144

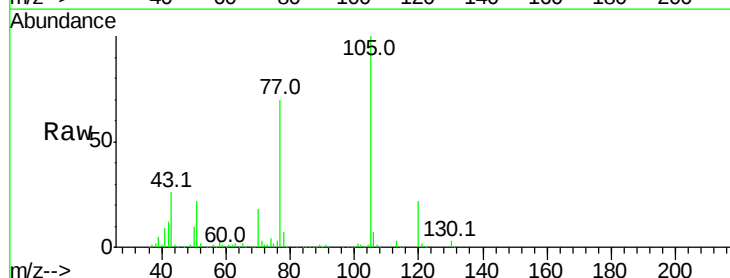
Ion Ratio Lower Upper

105 100

71 3.2 2.8 4.2

51 21.9 30.7 46.1#

120 21.7 17.4 26.0

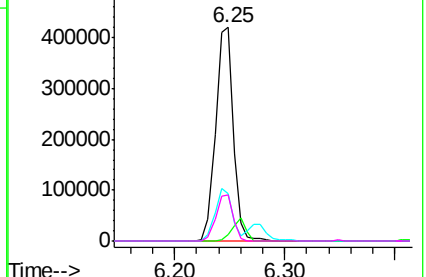
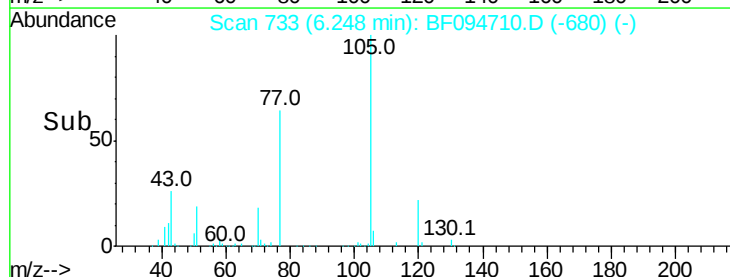


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

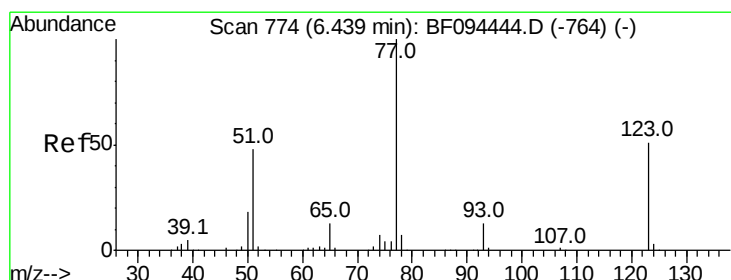
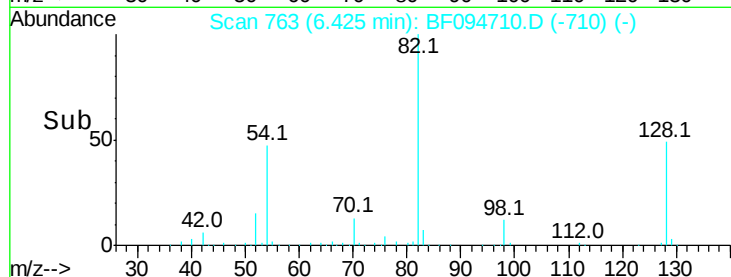
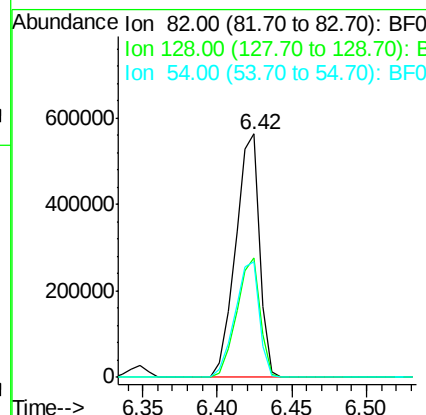
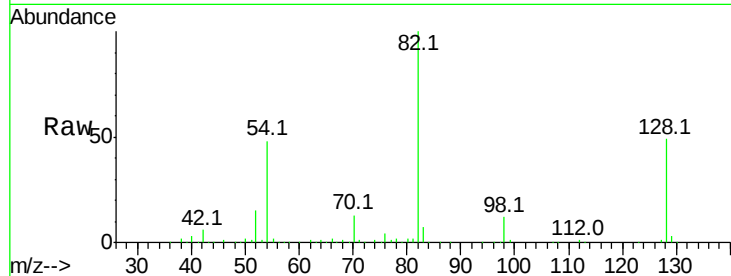




#23
Nitrobenzene-d5
Concen: 82.42 ng
RT: 6.42 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

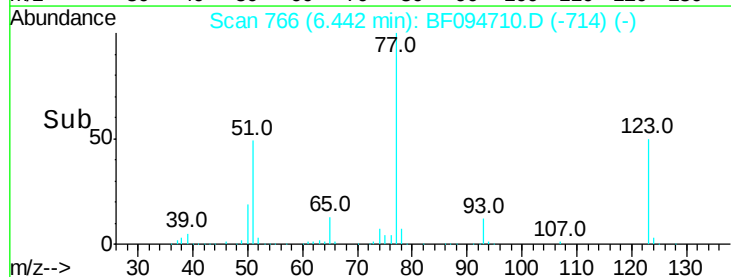
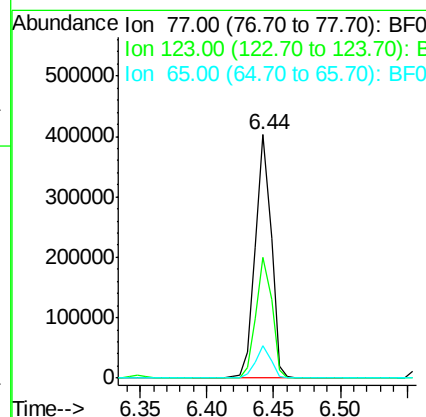
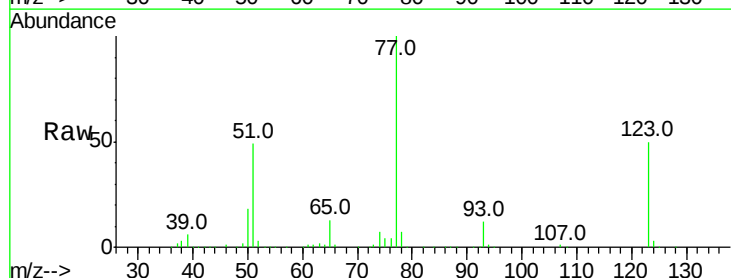
Instrument :
BNA_F
ClientSampleId :

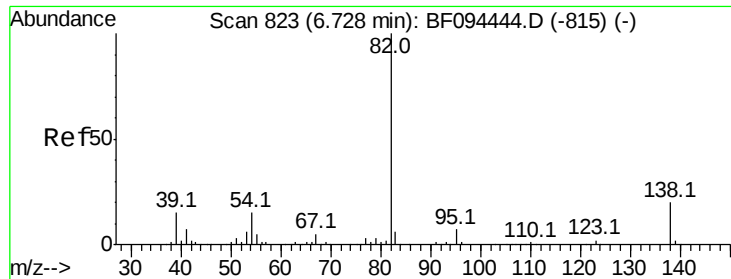
Tot Ion: 82 Resp: 636646
Ion Ratio Lower Upper
82 100
128 49.2 34.0 51.0
54 47.6 42.2 63.2



#24
Nitrobenzene
Concen: 40.25 ng
RT: 6.44 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion: 77 Resp: 327468
Ion Ratio Lower Upper
77 100
123 49.6 35.8 53.8
65 13.3 10.6 15.8





#25

Isophorone

Concen: 41.84 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampleId :

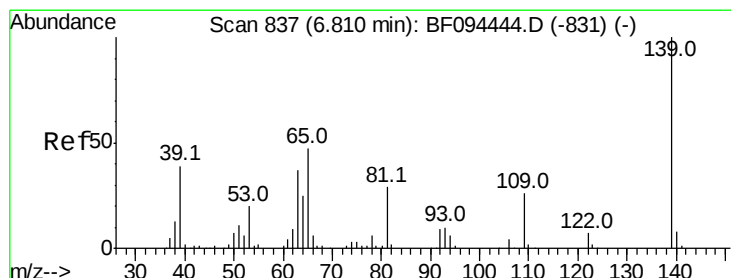
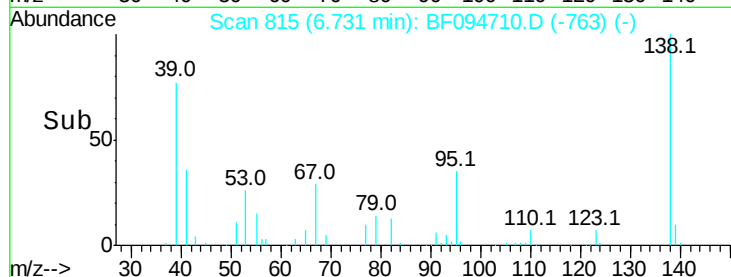
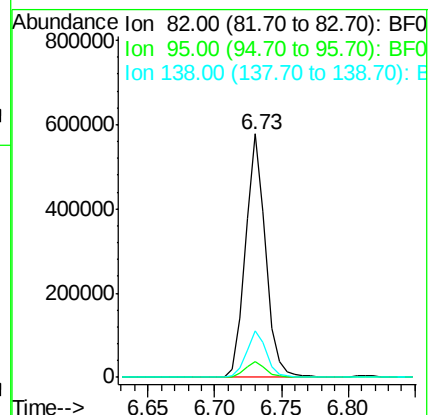
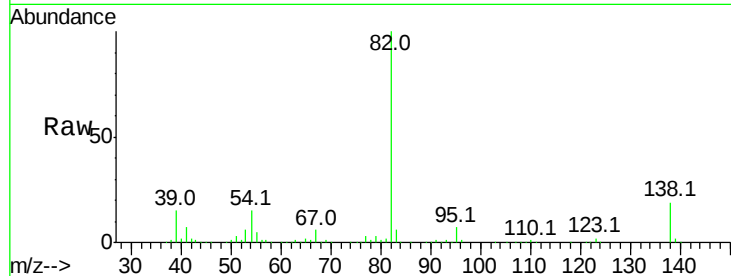
Tot Ion: 82 Resp: 599211

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 18.8 13.1 19.7



#26

2-Nitrophenol

Concen: 42.45 ng

RT: 6.81 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

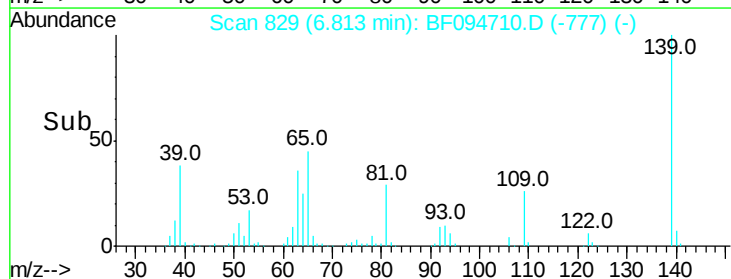
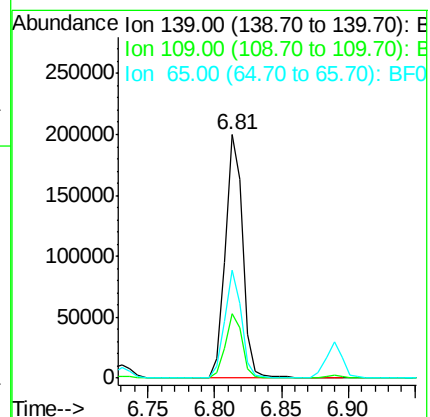
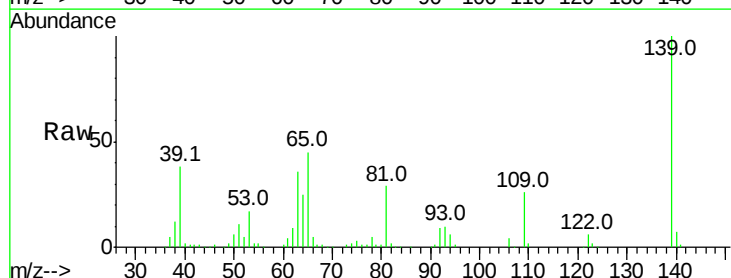
Tgt Ion:139 Resp: 185516

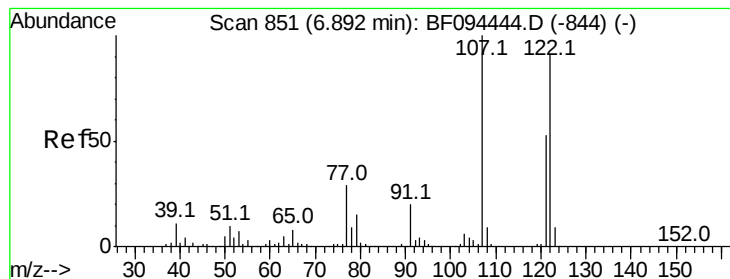
Ion Ratio Lower Upper

139 100

109 26.4 21.0 31.6

65 44.6 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 42.70 ng

RT: 6.89 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Instrument :

BNA_F

ClientSampled :

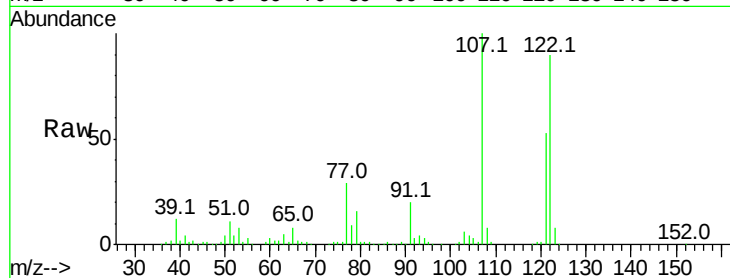
Tot Ion:122 Resp: 303095

Ion Ratio Lower Upper

122 100

107 111.0 89.2 133.8

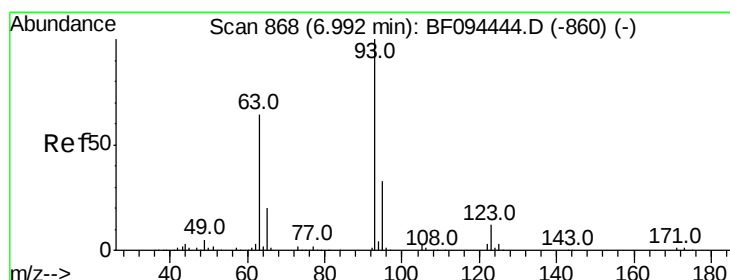
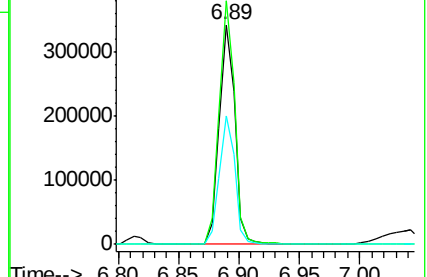
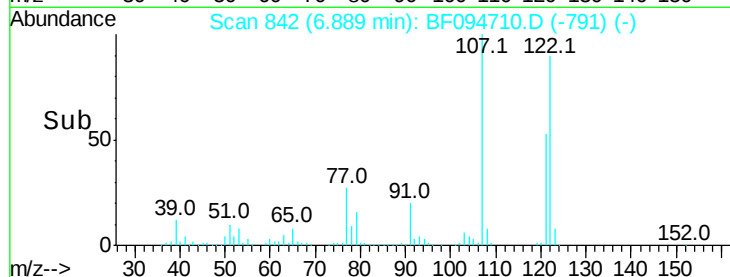
121 58.5 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.00 ng

RT: 6.99 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

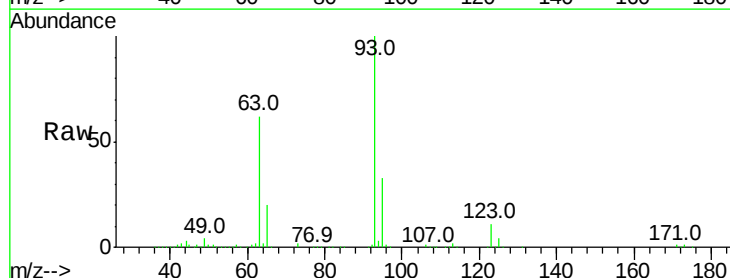
Tgt Ion: 93 Resp: 379735

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

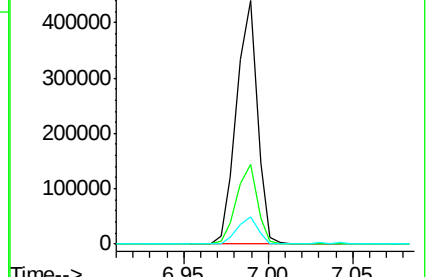
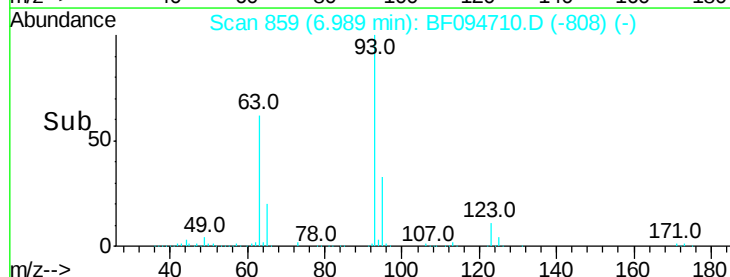
123 11.2 9.0 13.4

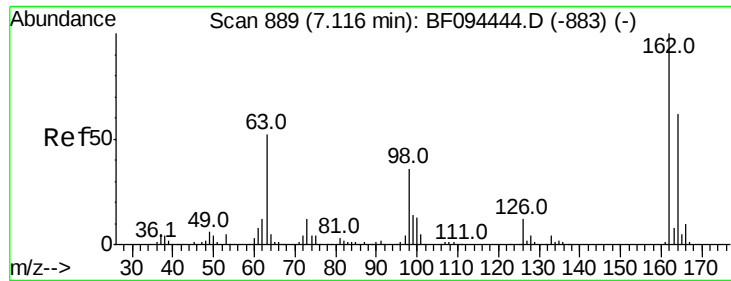


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

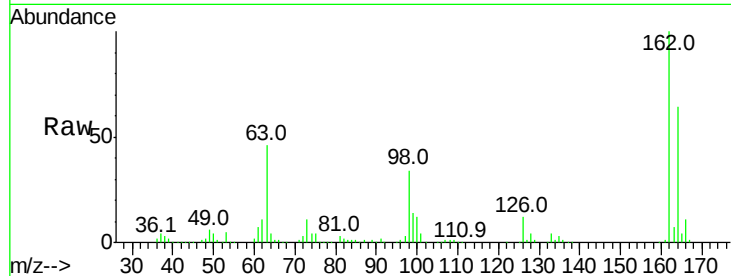




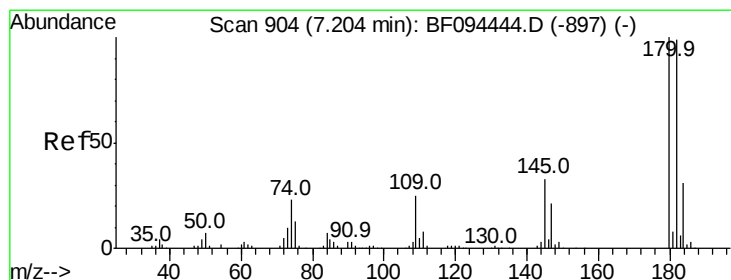
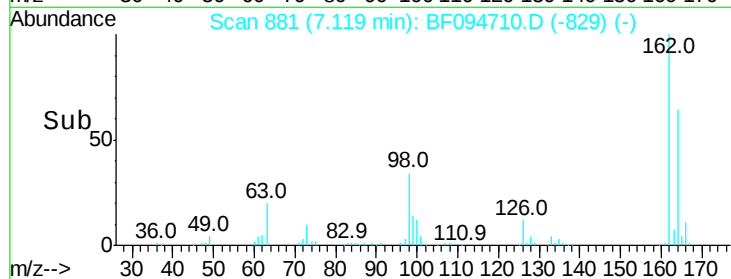
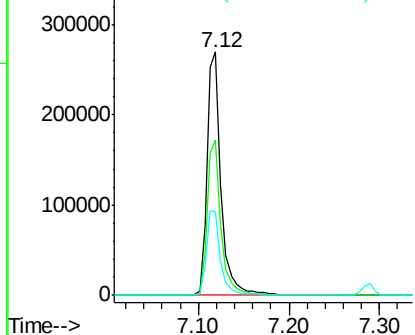
#29
 2,4-Dichlorophenol
 Concen: 44.56 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.6	84.6
98	34.1	14.8	54.8

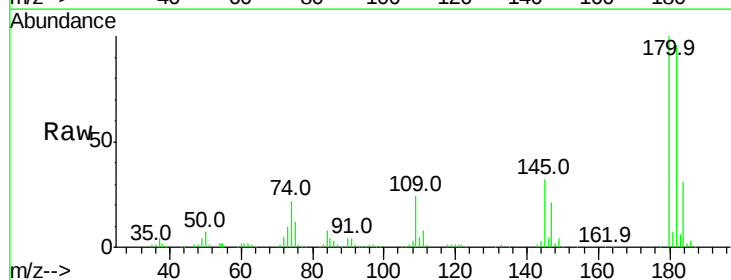


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

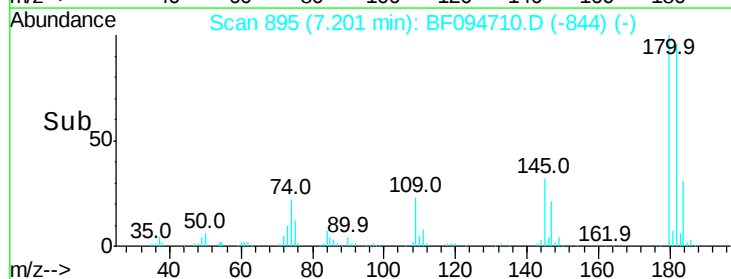
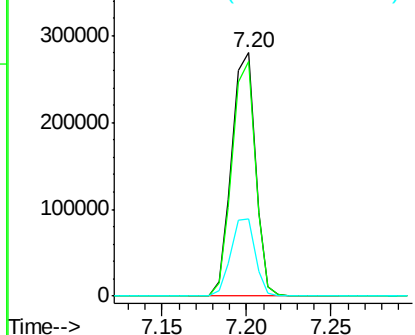


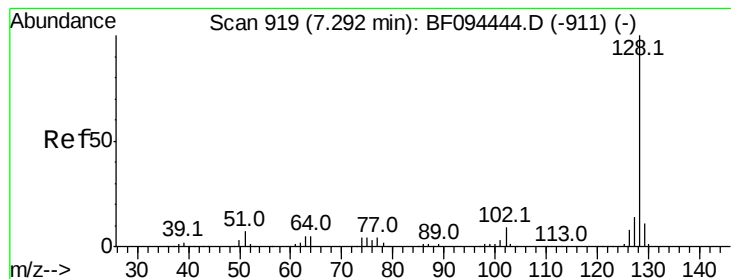
#30
 1,2,4-Trichlorobenzene
 Concen: 40.31 ng
 RT: 7.20 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.8	113.6
145	32.0	25.3	37.9



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





#31

Naphthalene

Concen: 40.49 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Instrument :

BNA_F

ClientSampled :

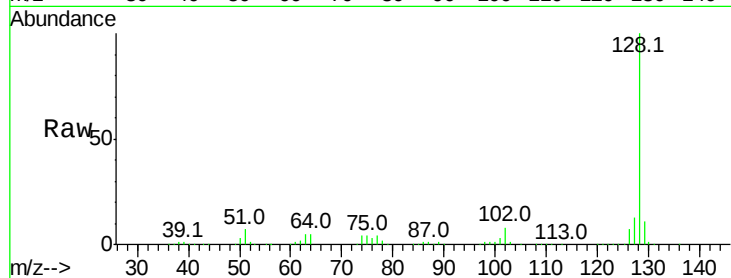
Tot Ion:128 Resp: 928421

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

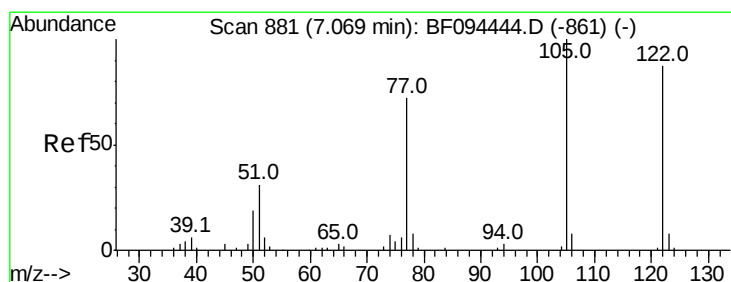
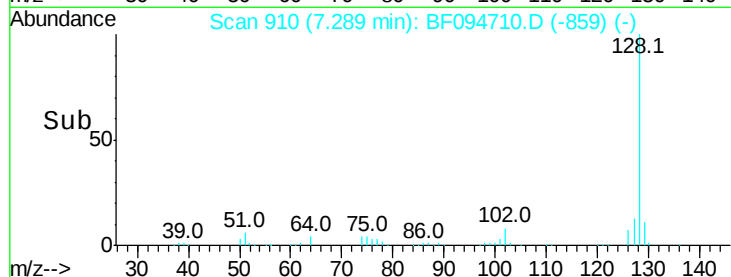
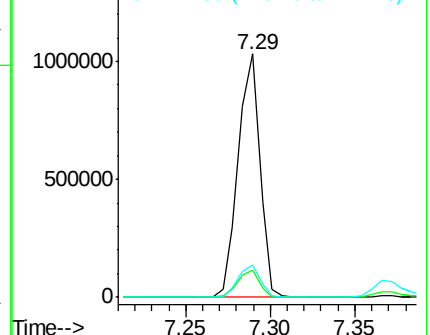
127 13.4 10.8 16.2



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: 12.36 ng

RT: 7.04 min Scan# 868

Delta R.T. -0.03 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

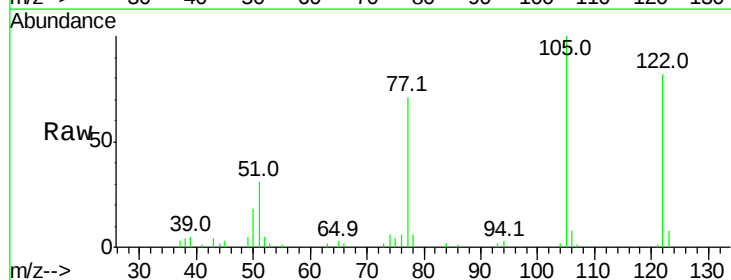
Tgt Ion:122 Resp: 46406

Ion Ratio Lower Upper

122 100

105 122.1 103.3 143.3

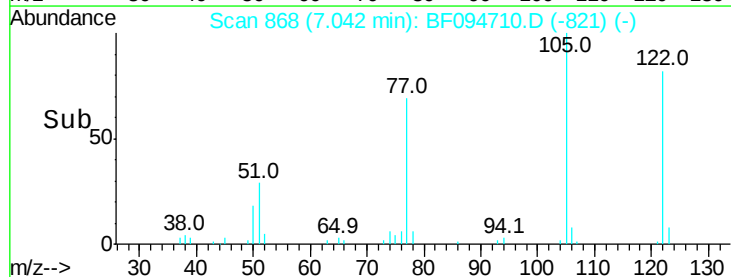
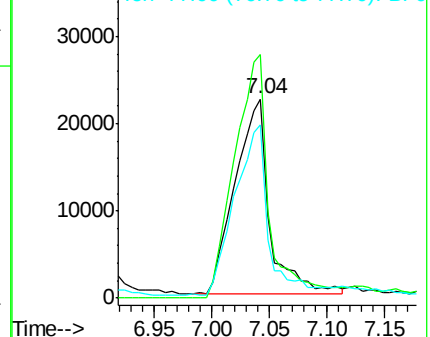
77 86.6 73.7 113.7

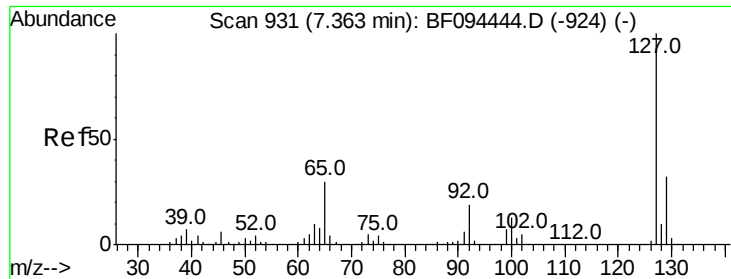


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

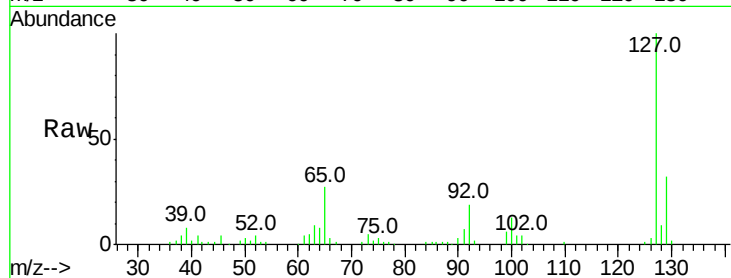




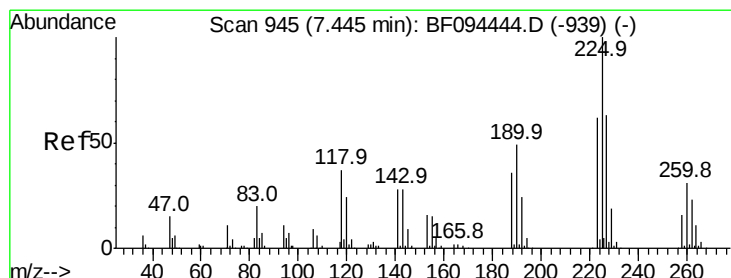
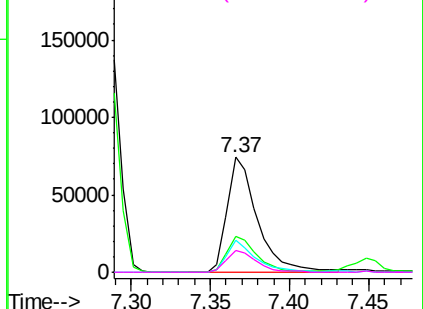
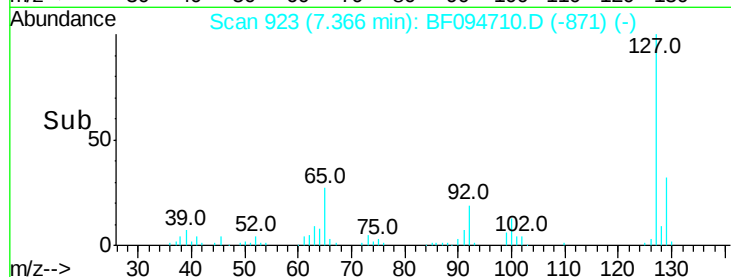
#33
 4-Chloroaniline
 Concen: 10.31 ng
 RT: 7.37 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	98336
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.2
65	27.4	27.8	41.8#
92	18.6	16.8	25.2

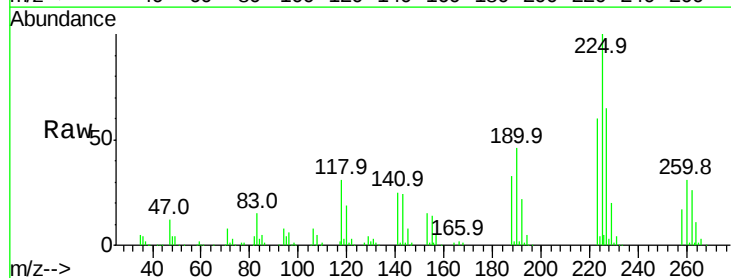


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

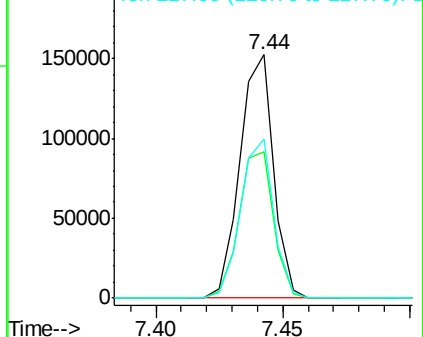
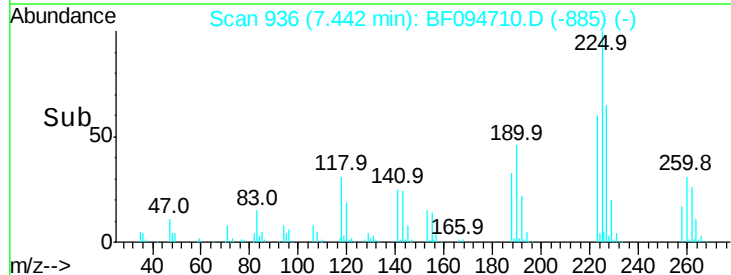


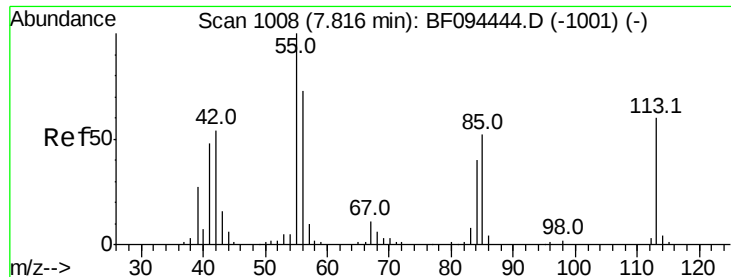
#34
 Hexachlorobutadiene
 Concen: 41.11 ng
 RT: 7.44 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion:	225	Resp:	139932
Ion	Ratio	Lower	Upper
225	100		
223	59.9	48.8	73.2
227	65.4	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: 22.74 ng

RT: 7.84 min Scan# 1003

Delta R.T. 0.02 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampled :

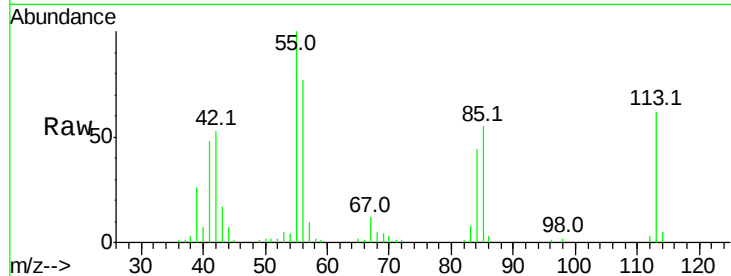
Tot Ion:113 Resp: 47169

Ion Ratio Lower Upper

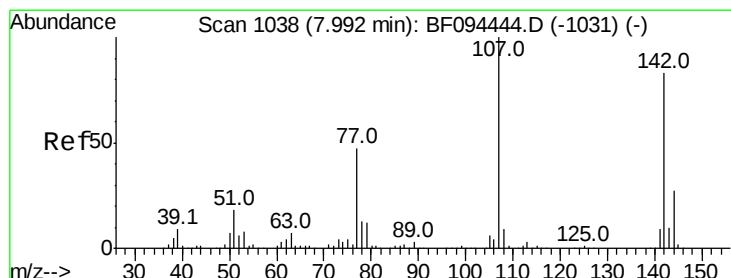
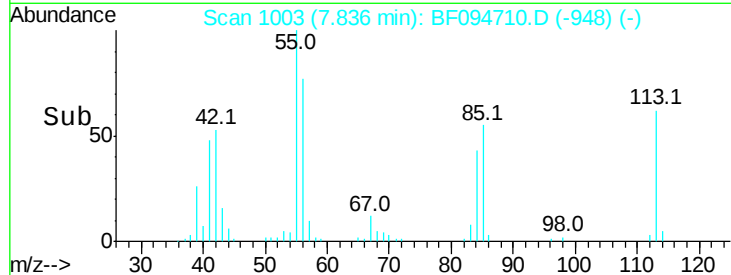
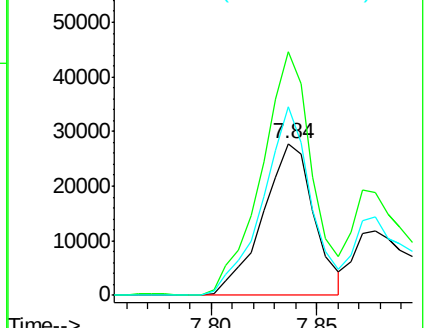
113 100

55 160.1 150.2 190.2

56 123.6 107.8 147.8



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: 44.92 ng

RT: 8.00 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

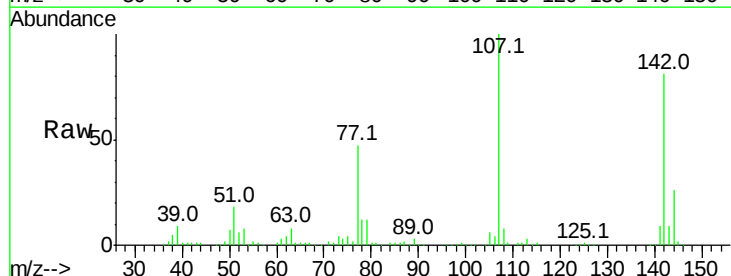
Tgt Ion:107 Resp: 310895

Ion Ratio Lower Upper

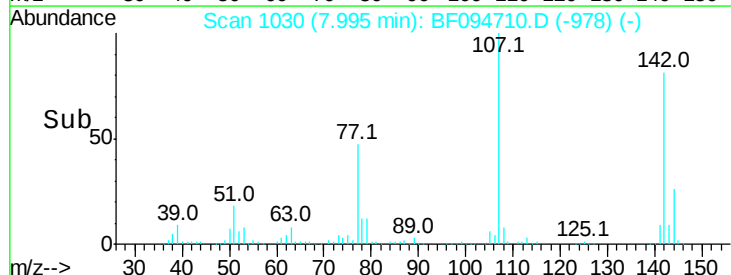
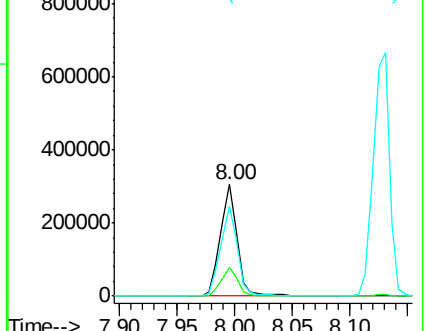
107 100

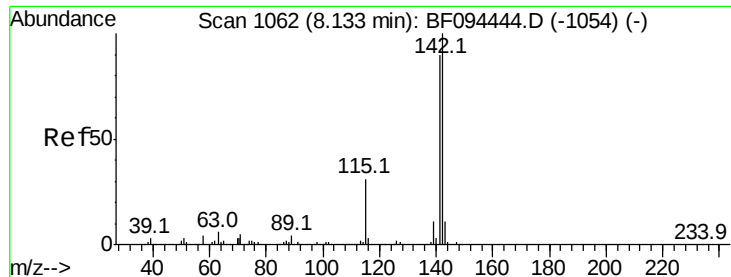
144 26.0 24.2 36.4

142 80.6 73.4 110.0



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

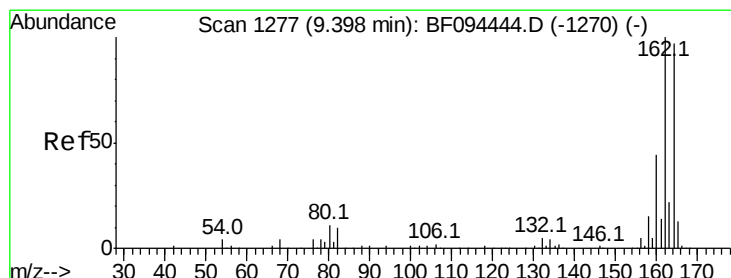
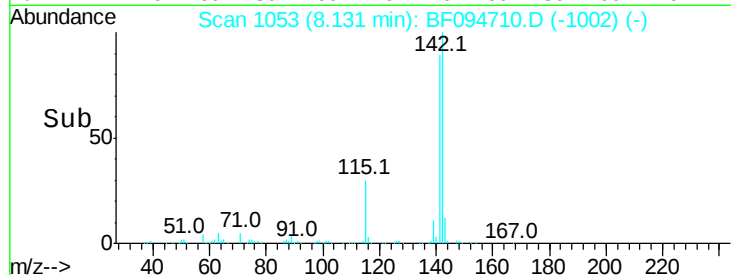
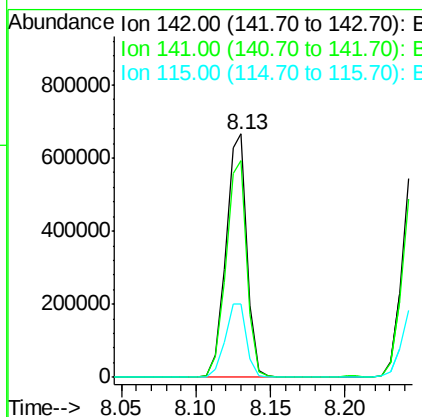
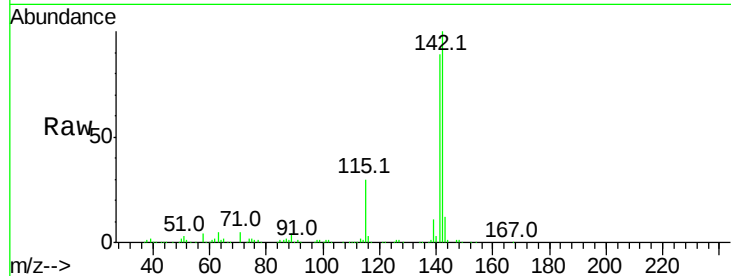




#37
 2-Methylnaphthalene
 Concen: 42.24 ng
 RT: 8.13 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

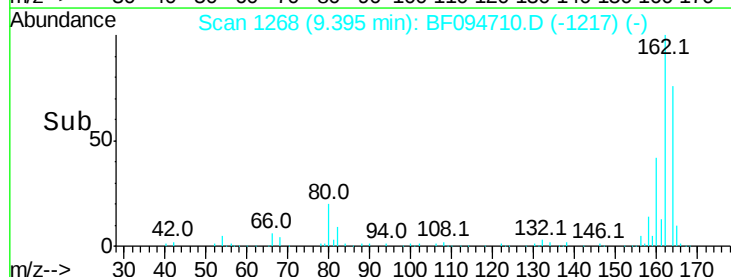
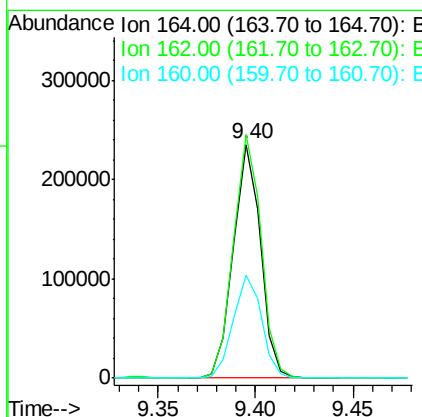
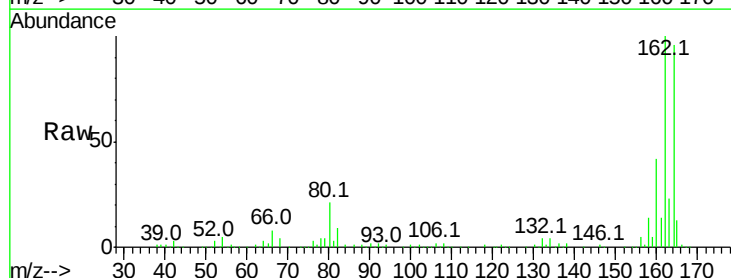
Instrument :
 BNA_F
 ClientSampled :

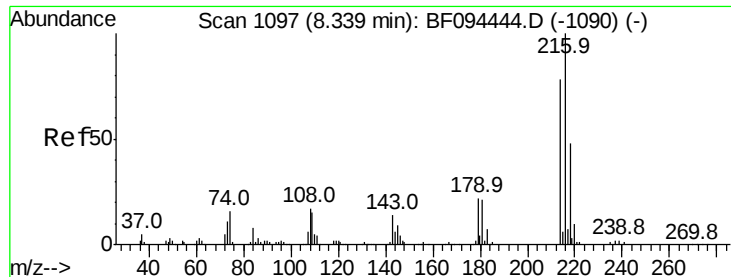
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	30.0	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	44.3	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.09 ng

RT: 8.34 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 258951

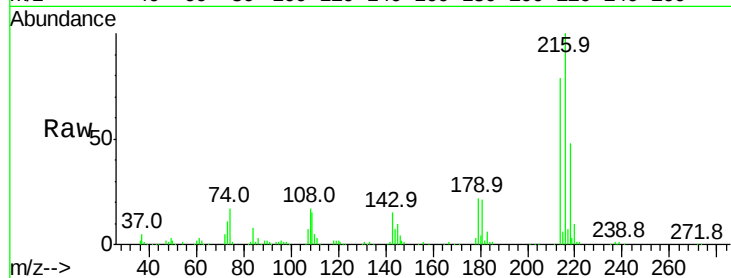
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.2

179 22.0 17.9 26.9

108 20.6 16.5 24.7

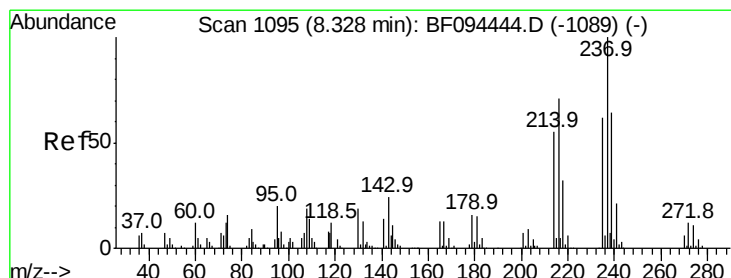
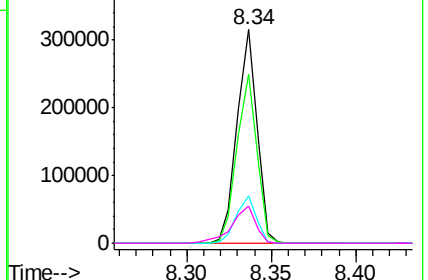
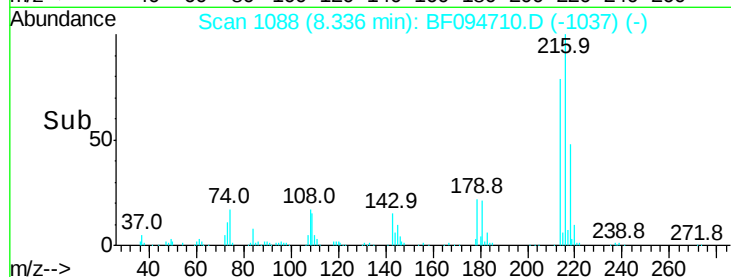


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.61 ng

RT: 8.32 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

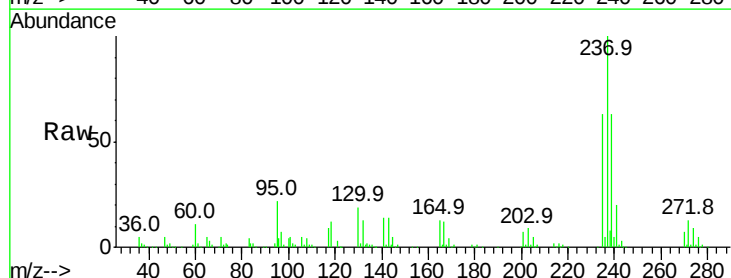
Tgt Ion:237 Resp: 213261

Ion Ratio Lower Upper

237 100

235 62.9 42.6 82.6

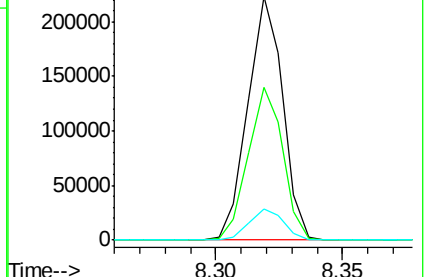
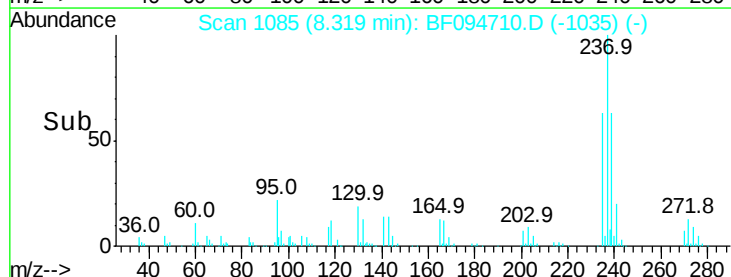
272 12.7 0.0 31.9

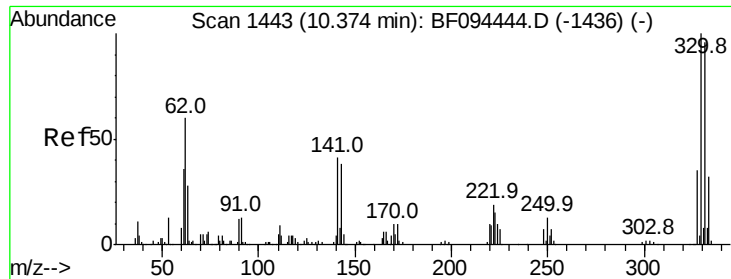


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

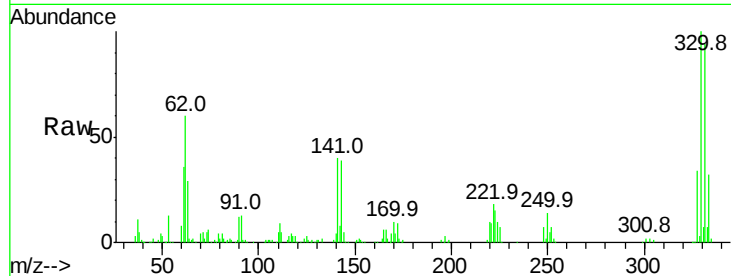




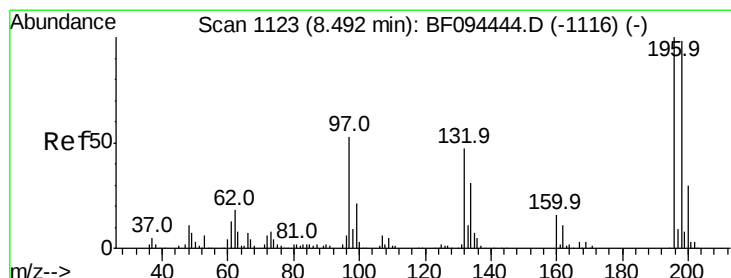
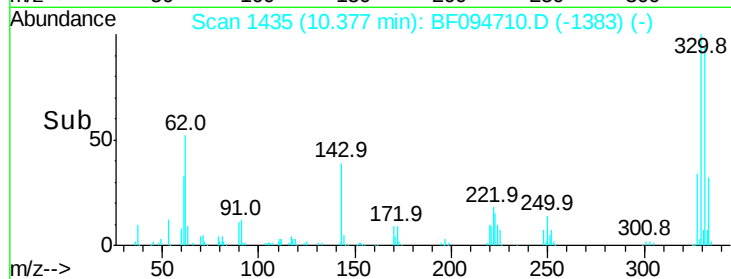
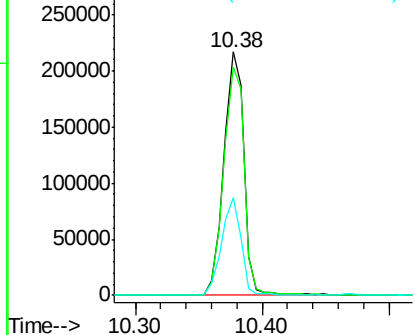
#41
 2,4,6-Tribromophenol
 Concen: 135.21 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 239904
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 39.0 31.4 47.2

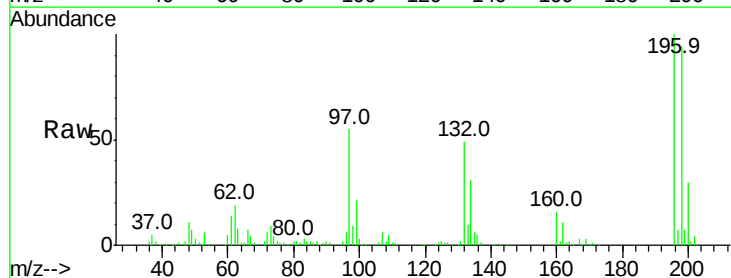


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

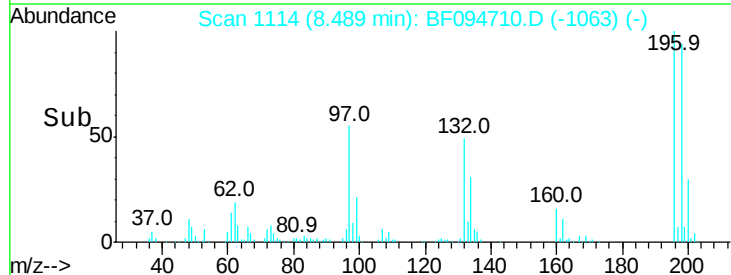
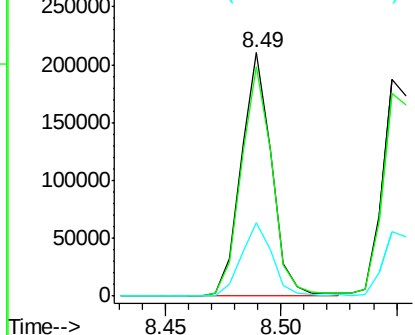


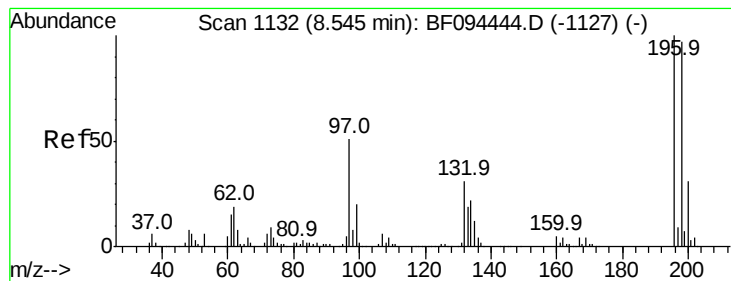
#42
 2,4,6-Trichlorophenol
 Concen: 42.58 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion:196 Resp: 193135
 Ion Ratio Lower Upper
 196 100
 198 94.1 74.2 111.4
 200 30.3 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: 44.14 ng

RT: 8.55 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Instrument :

BNA_F

ClientSampled :

Tot Ion:196 Resp: 205609

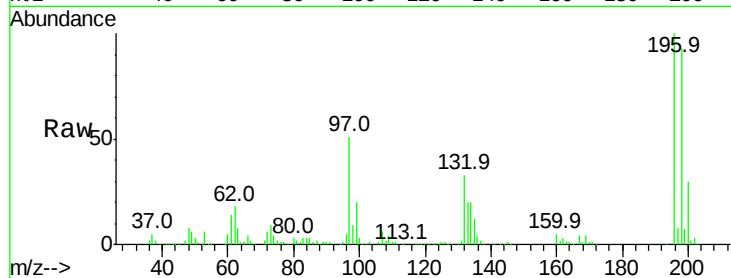
Ion Ratio Lower Upper

196 100

198 93.3 75.7 113.5

97 51.2 47.7 71.5

132 33.0 28.0 42.0

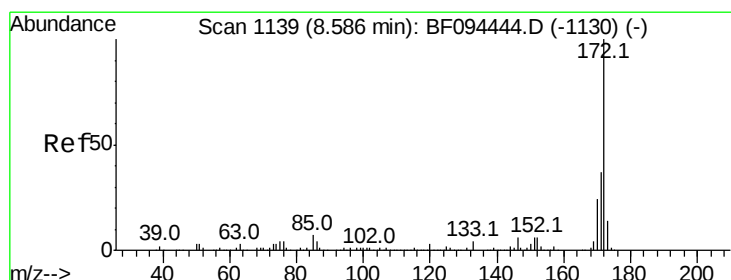
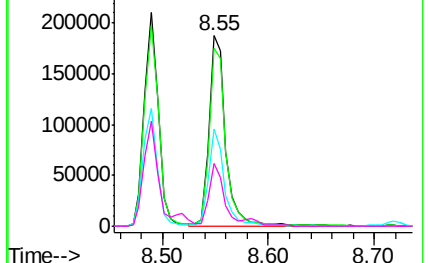
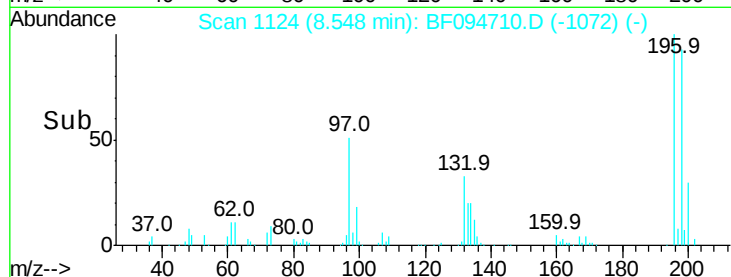


Abundance Ion 196.00 (195.70 to 196.70): E

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: 81.71 ng

RT: 8.58 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

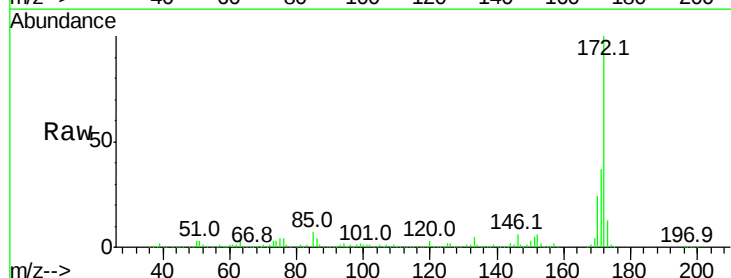
Tgt Ion:172 Resp: 1259719

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

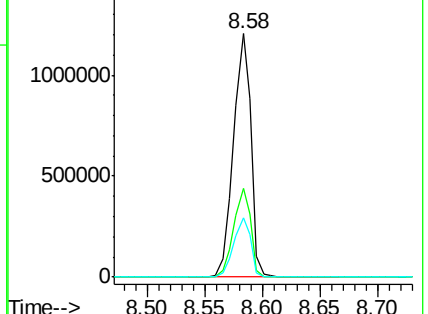
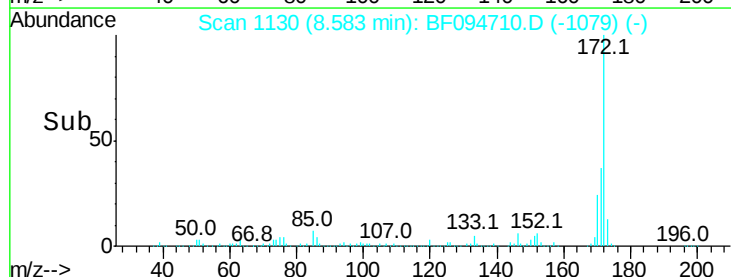
170 24.2 19.8 29.8

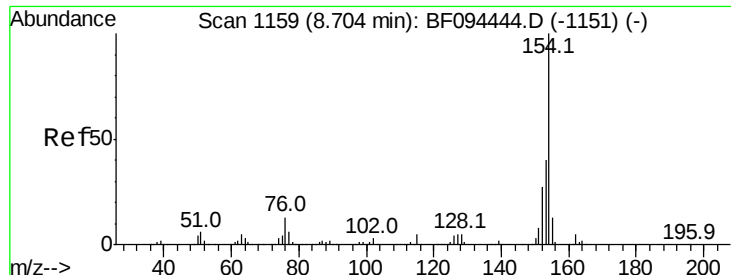


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

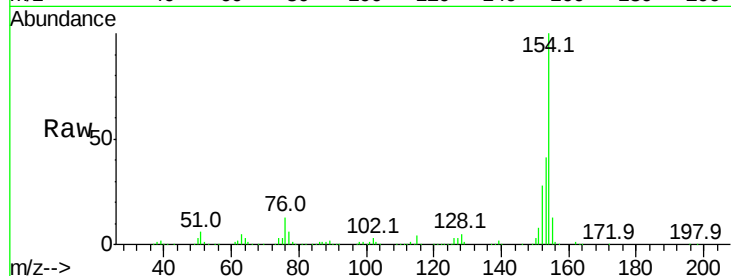




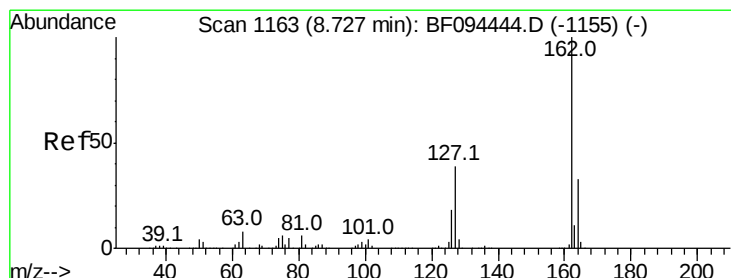
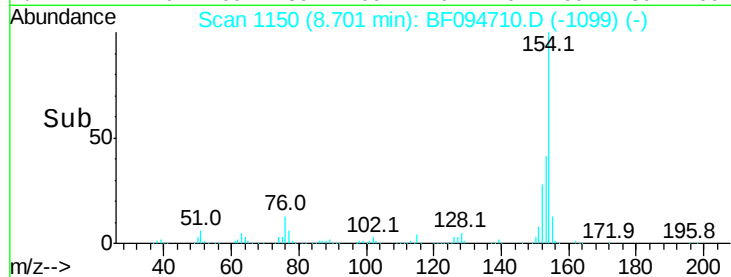
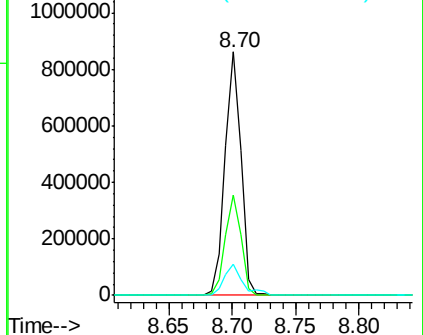
#45
 1,1'-Biphenyl
 Concen: 40.86 ng
 RT: 8.70 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154	Resp:	757358
Ion Ratio	Lower	Upper
154	100	
153	41.4	21.2 61.2
76	12.7	0.0 29.9

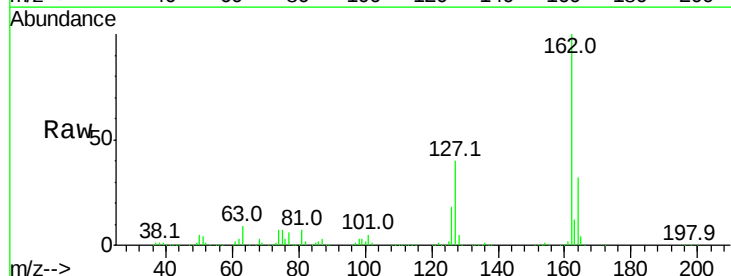


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

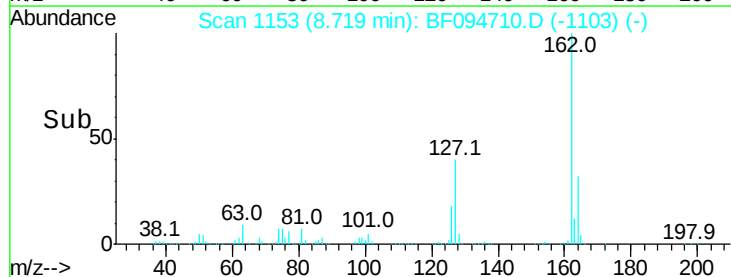
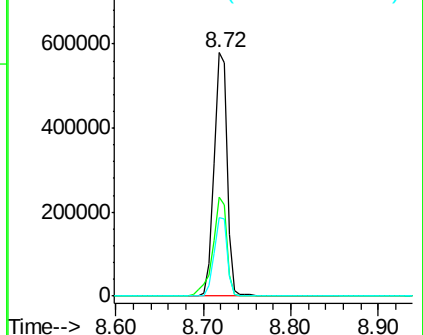


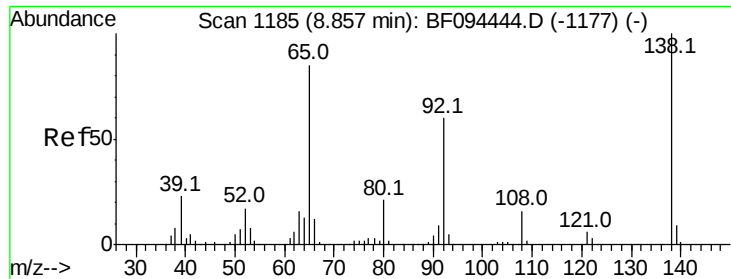
#46
 2-Chloronaphthalene
 Concen: 41.14 ng
 RT: 8.72 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion:162	Resp:	606294
Ion Ratio	Lower	Upper
162	100	
127	40.5	28.3 42.5
164	32.4	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

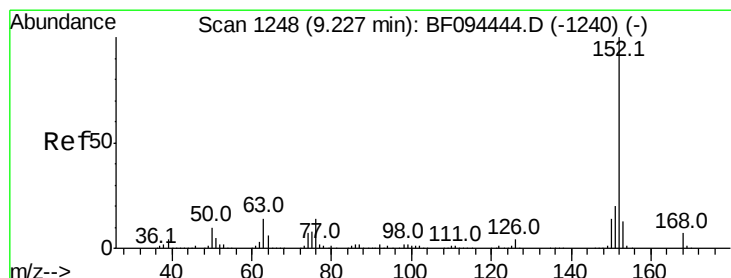
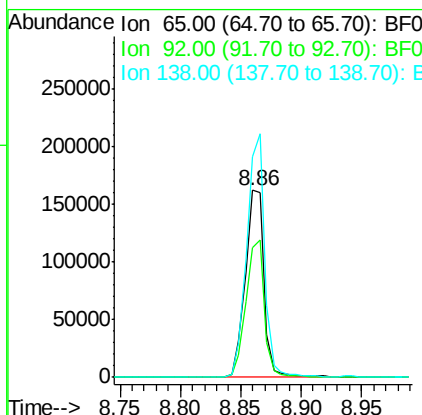
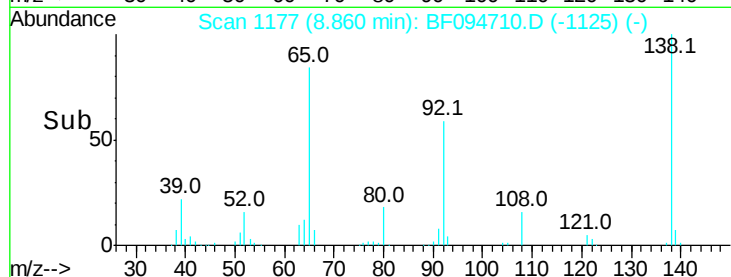
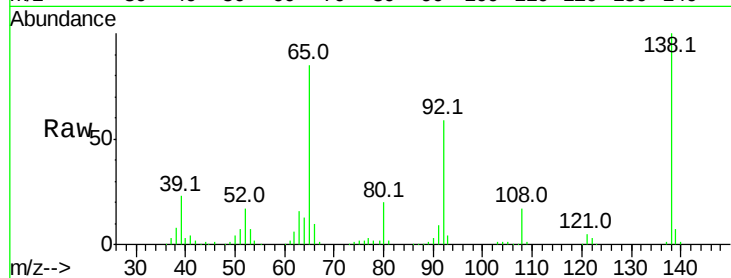




#47
 2-Nitroaniline
 Concen: 42.04 ng
 RT: 8.86 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

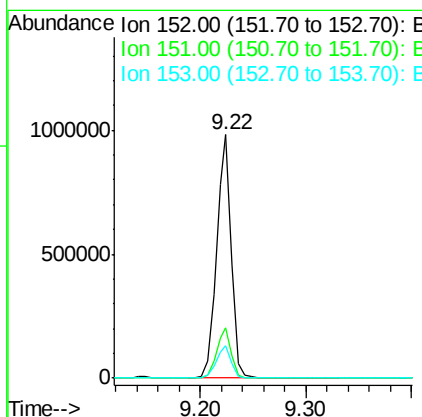
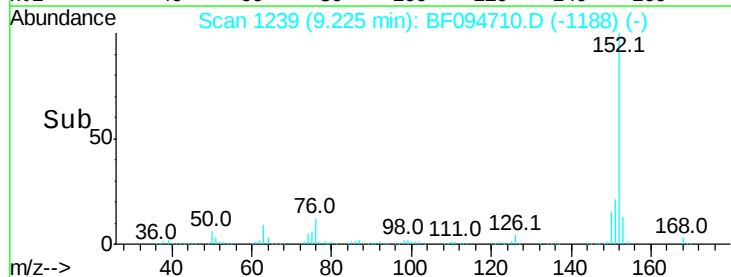
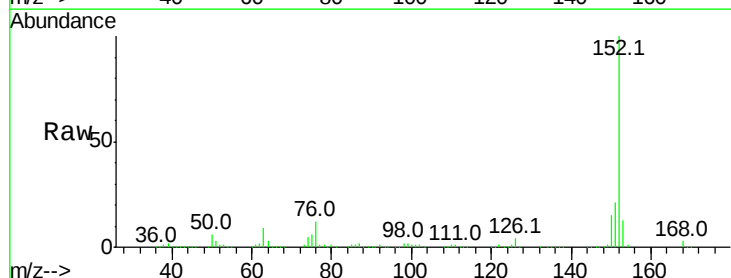
Instrument :
 BNA_F
 ClientSampleId :

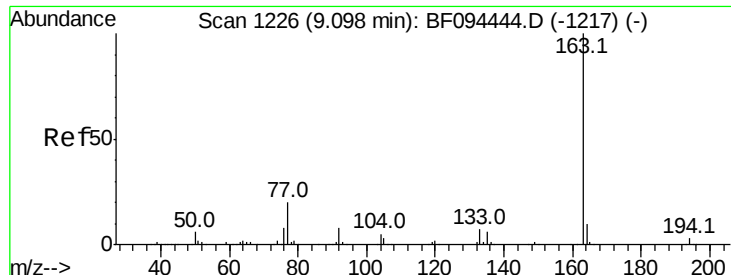
Tot Ion: 65 Resp: 178243
 Ion Ratio Lower Upper
 65 100
 92 69.6 53.9 80.9
 138 118.0 78.8 118.2



#48
 Acenaphthylene
 Concen: 41.84 ng
 RT: 9.22 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion:152 Resp: 961211
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.8 25.2
 153 13.3 10.8 16.2

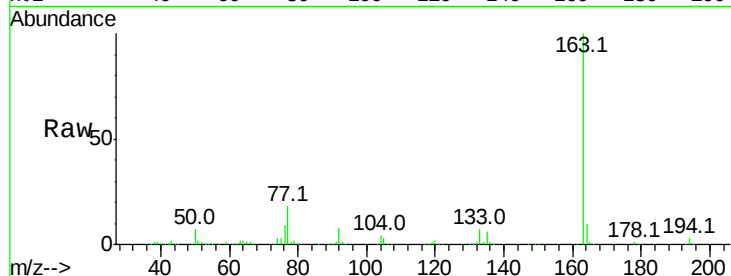




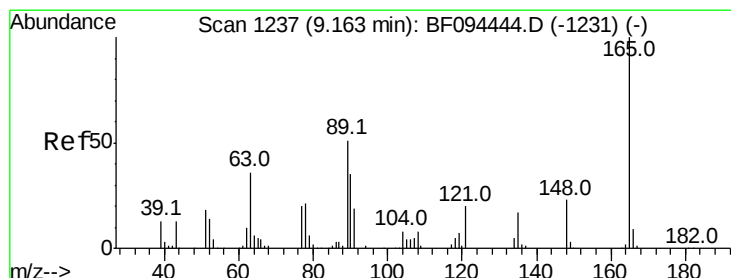
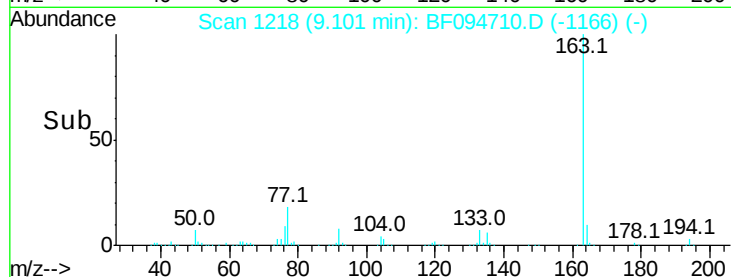
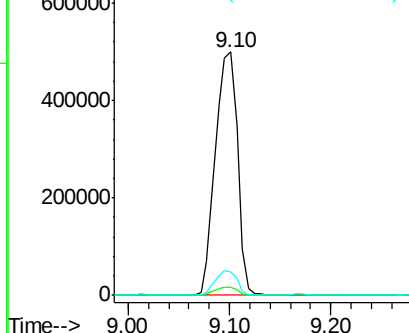
#49
Dimethylphthalate
Concen: 45.08 ng
RT: 9.10 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 762141
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.9 8.4 12.6

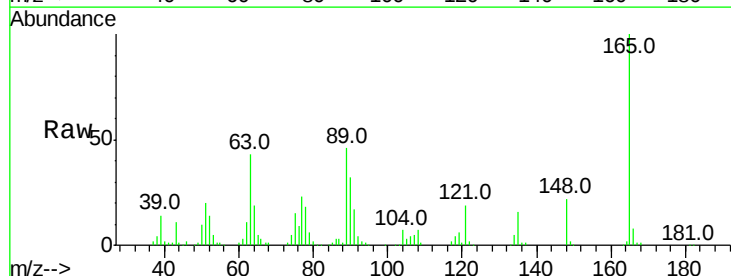


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

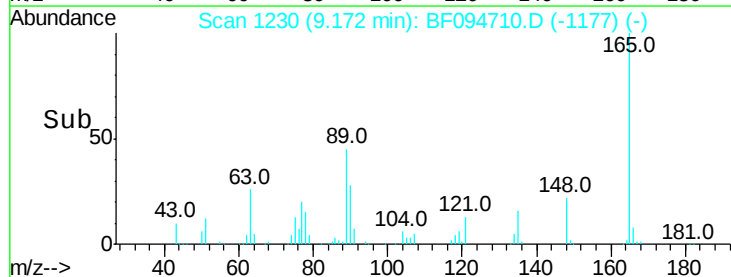
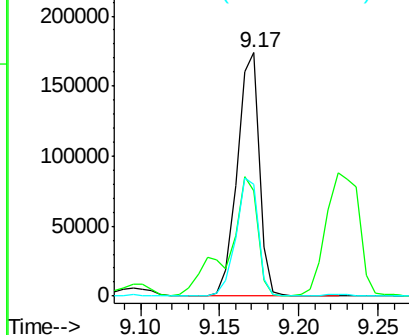


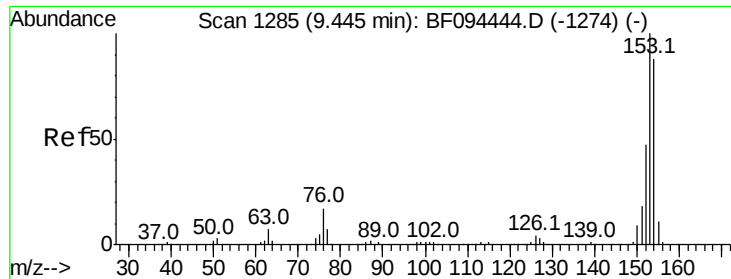
#50
2,6-Dinitrotoluene
Concen: 44.23 ng
RT: 9.17 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion:165 Resp: 167824
Ion Ratio Lower Upper
165 100
63 43.3 34.3 51.5
89 46.1 37.1 55.7



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





#51

Acenaphthene

Concen: 41.67 ng

RT: 9.44 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Instrument :

BNA_F

ClientSampleId :

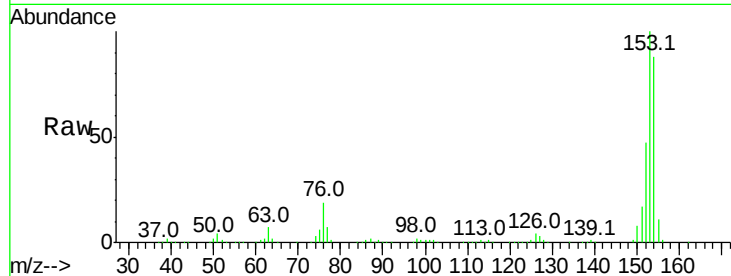
Tot Ion:154 Resp: 573443

Ion Ratio Lower Upper

154 100

153 113.9 90.5 135.7

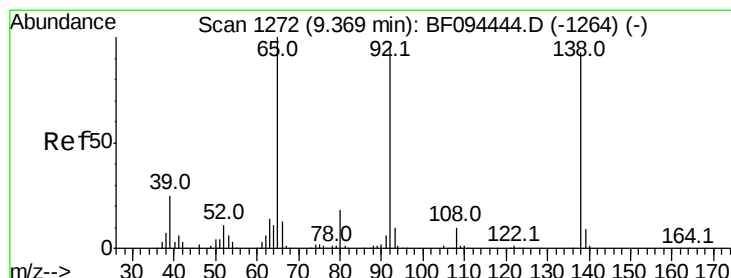
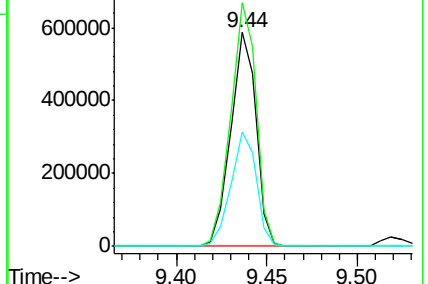
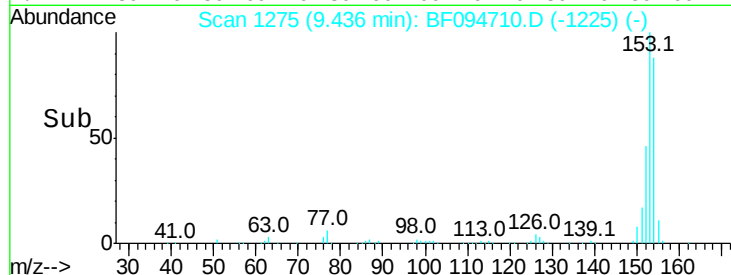
152 53.6 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.98 ng

RT: 9.37 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

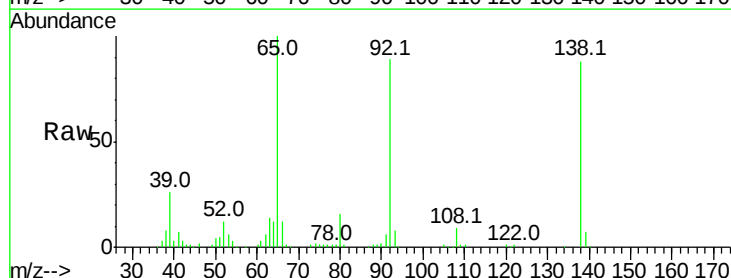
Tgt Ion:138 Resp: 92107

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

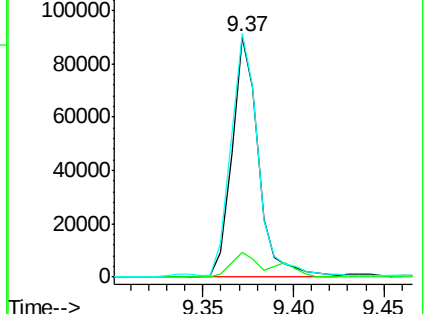
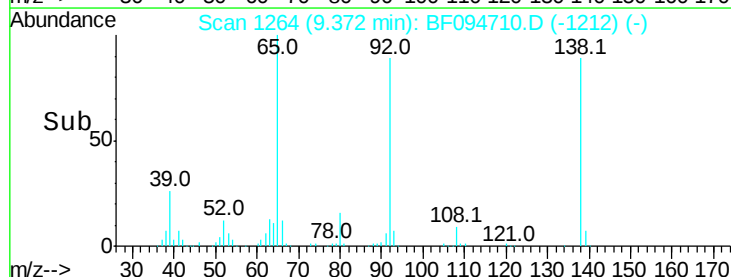
92 101.5 93.8 140.6

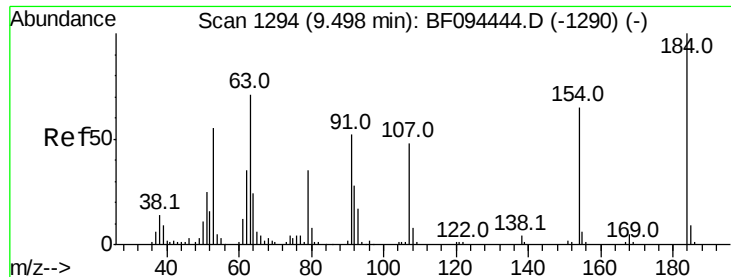


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

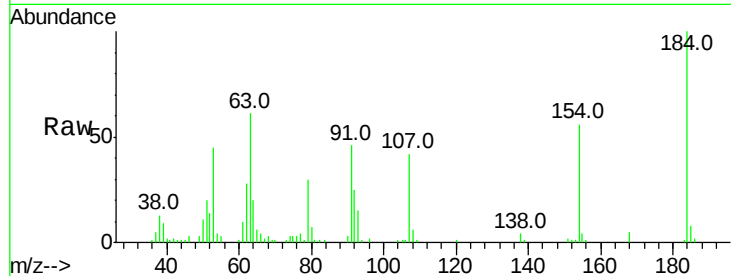




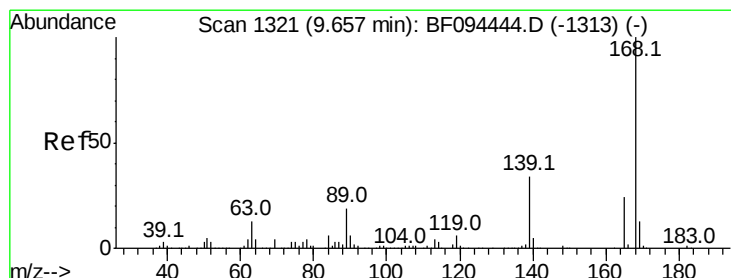
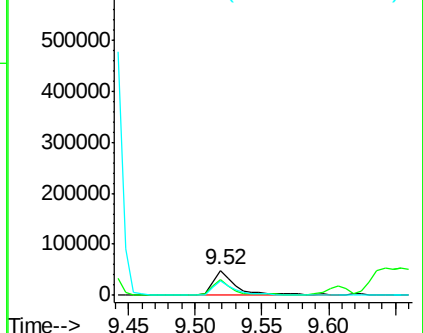
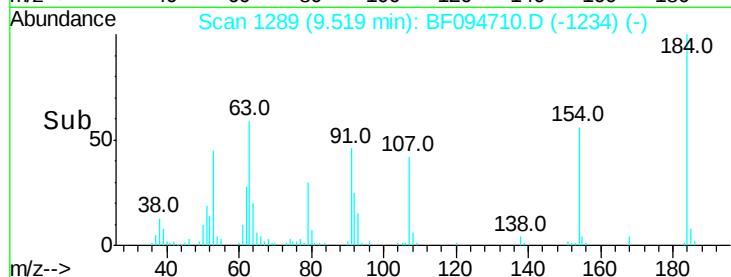
#53
 2,4-Dinitrophenol
 Concen: 33.18 ng
 RT: 9.52 min Scan# 1289
 Delta R.T. 0.02 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 60837
 Ion Ratio Lower Upper
 184 100
 63 60.8 62.7 94.1#
 154 56.0 81.1 121.7#

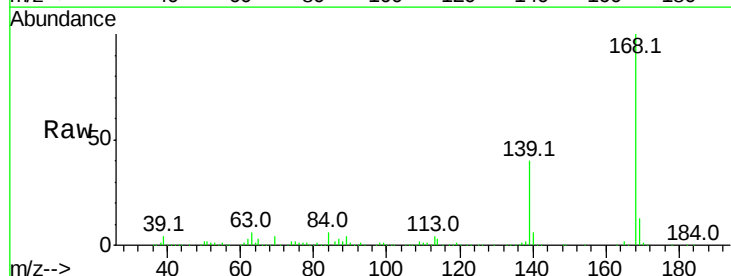


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

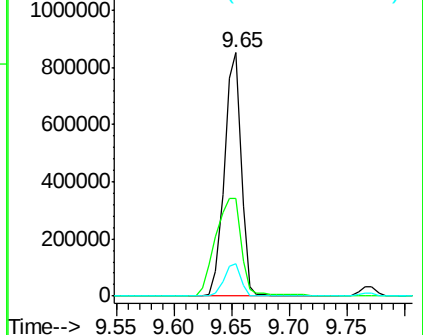
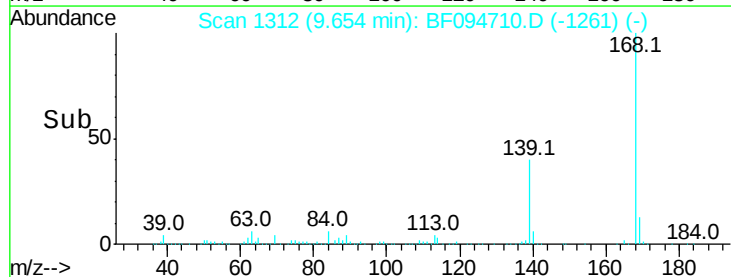


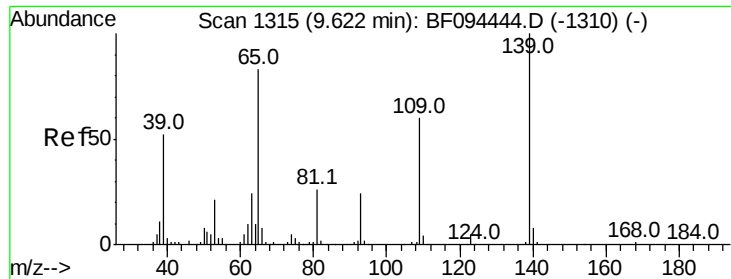
#54
 Dibenzofuran
 Concen: 42.89 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion:168 Resp: 857785
 Ion Ratio Lower Upper
 168 100
 139 40.4 30.6 45.8
 169 13.3 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: 174.89 ng

RT: 9.65 min Scan# 1312

Delta R.T. 0.03 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Instrument :

BNA_F

ClientSampleId :

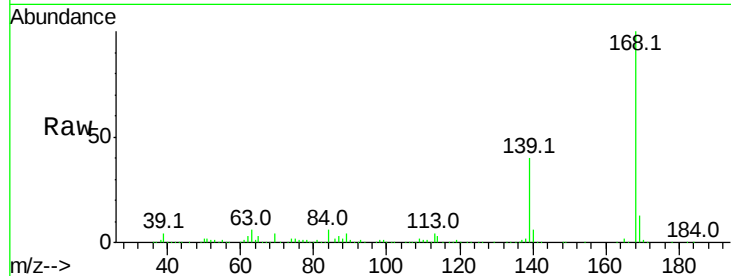
Tot Ion:139 Resp: 542447

Ion Ratio Lower Upper

139 100

109 5.8 34.1 74.1#

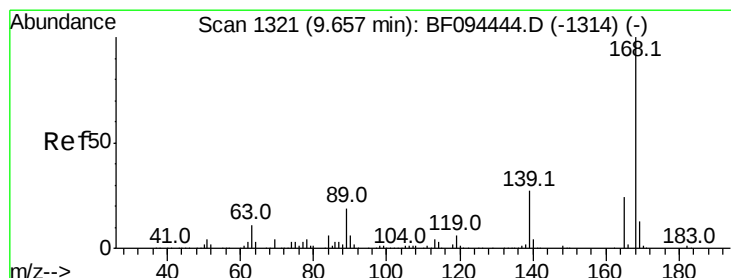
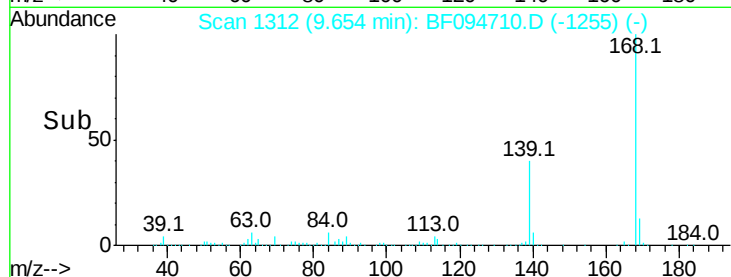
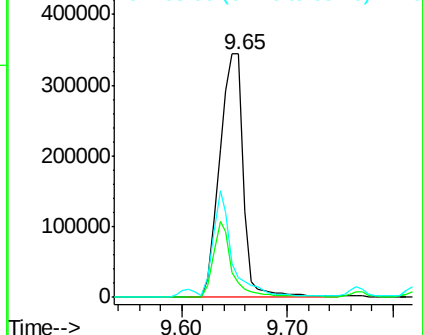
65 8.0 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 48.46 ng

RT: 9.67 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Tgt Ion:165 Resp: 225613

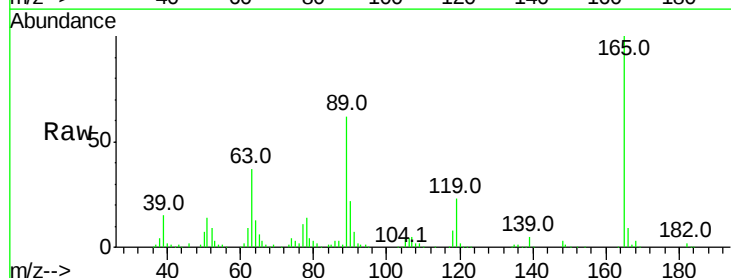
Ion Ratio Lower Upper

165 100

63 36.6 25.4 38.0

89 62.4 46.4 69.6

182 2.5 1.8 2.6

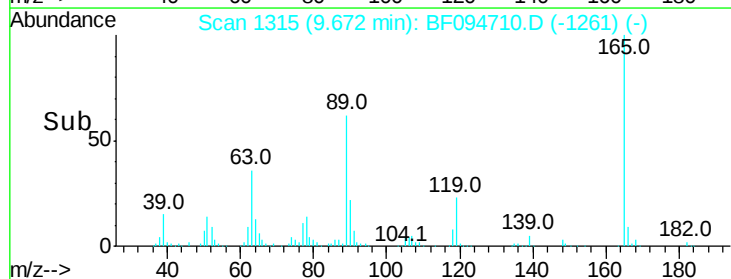
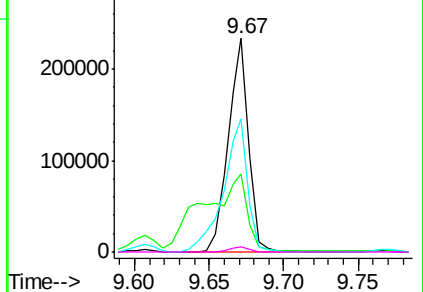


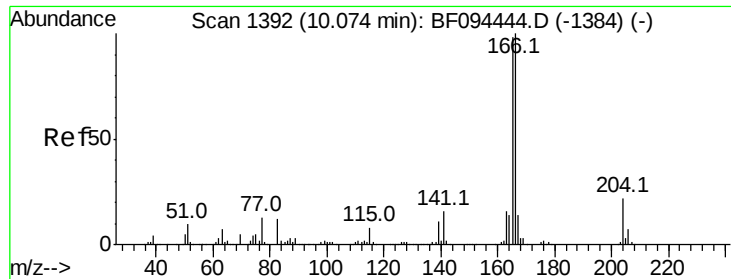
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

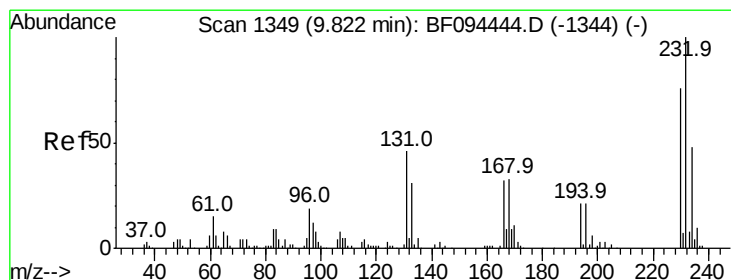
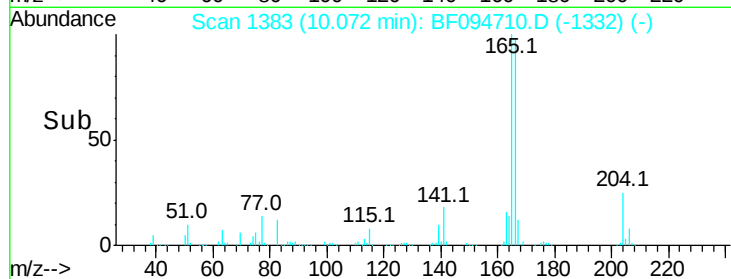
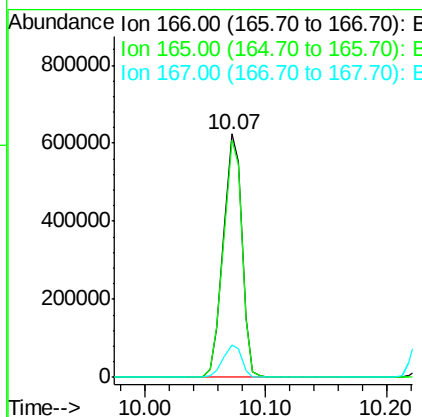
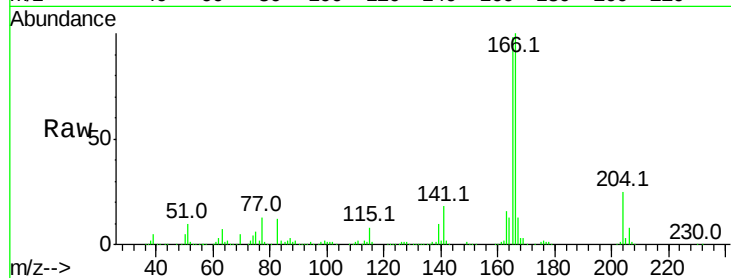




#57
 Fluorene
 Concen: 42.81 ng
 RT: 10.07 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

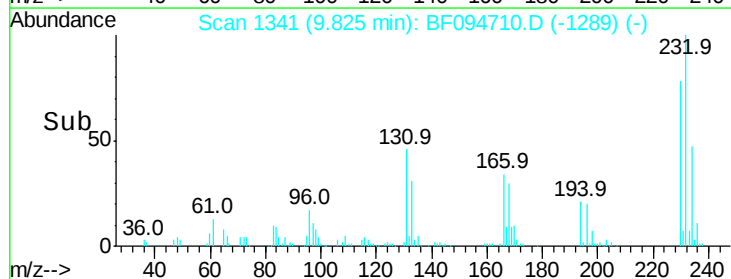
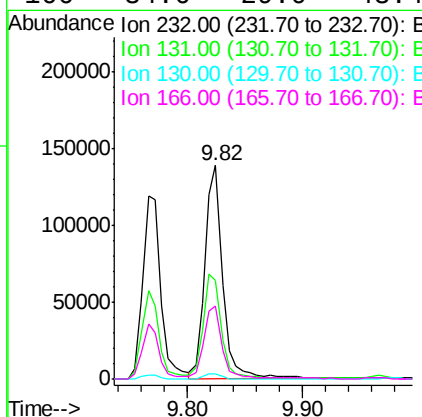
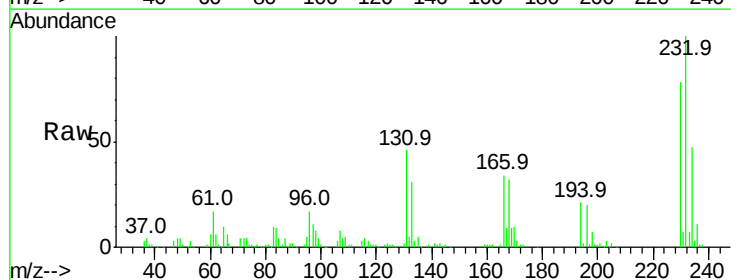
Instrument :
 BNA_F
 ClientSampleId :

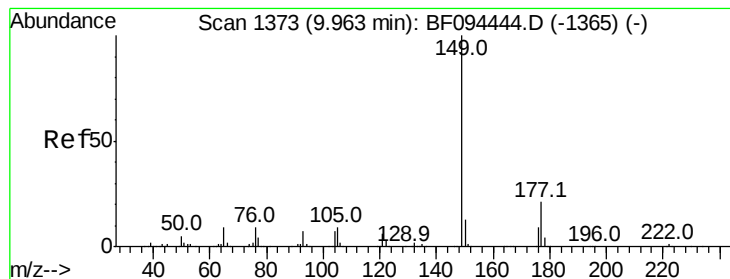
Tot Ion:166 Resp: 666758
 Ion Ratio Lower Upper
 166 100
 165 97.6 78.8 118.2
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.57 ng
 RT: 9.82 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion:232 Resp: 148827
 Ion Ratio Lower Upper
 232 100
 131 50.0 44.8 67.2
 130 2.3 2.3 3.5#
 166 34.6 29.0 43.4





#59

Diethylphthalate

Concen: 45.12 ng

RT: 9.97 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Instrument :

BNA_F

ClientSampled :

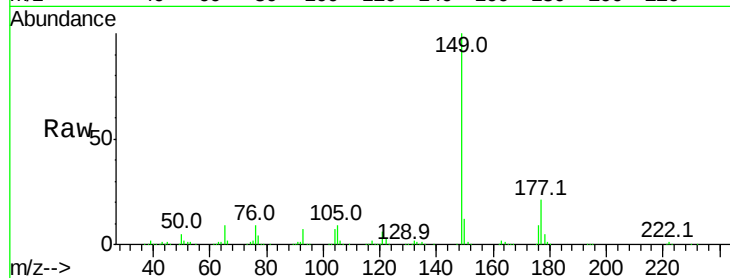
Tot Ion:149 Resp: 719788

Ion Ratio Lower Upper

149 100

177 21.5 16.7 25.1

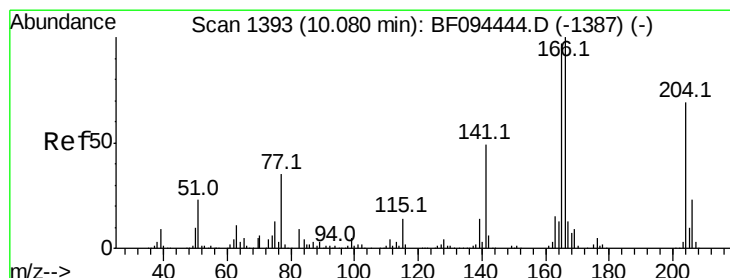
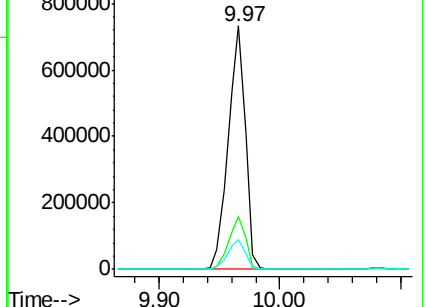
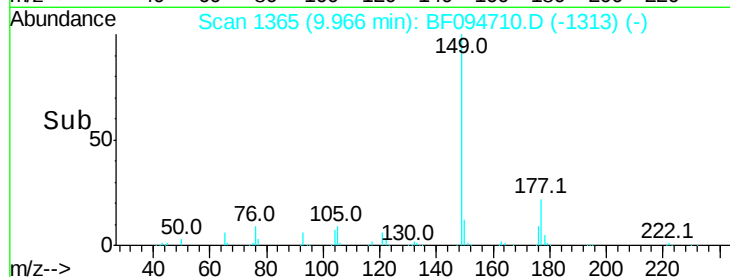
150 12.1 10.2 15.2



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: 44.30 ng

RT: 10.08 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

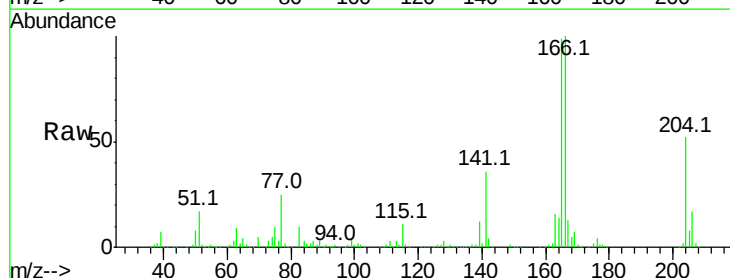
Tgt Ion:204 Resp: 287100

Ion Ratio Lower Upper

204 100

206 32.6 26.2 39.2

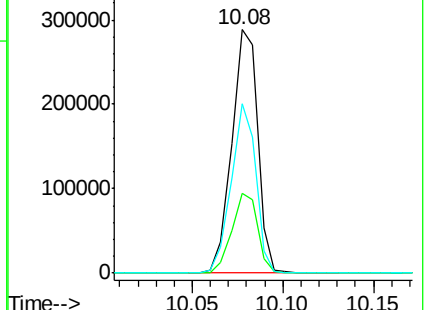
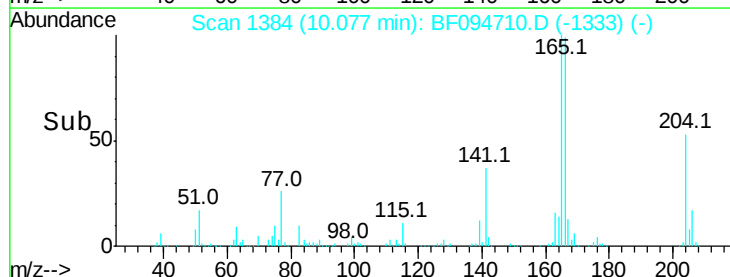
141 69.6 60.8 91.2

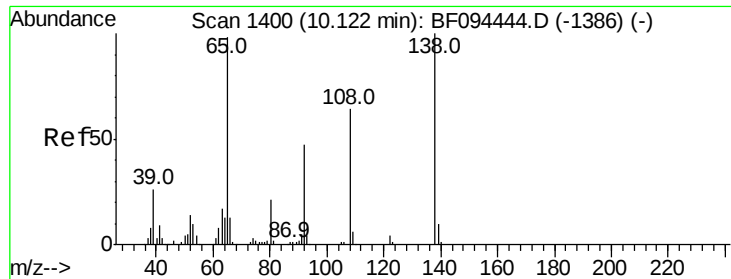


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

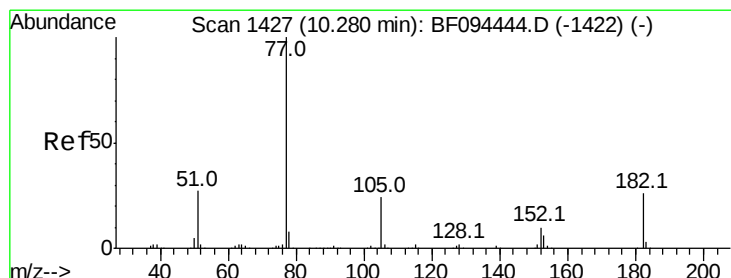
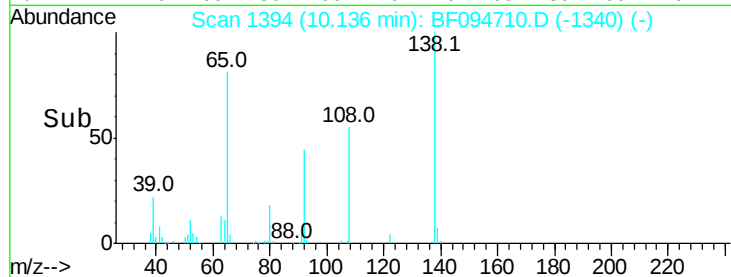
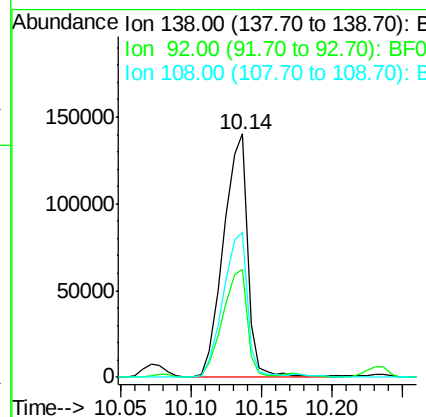
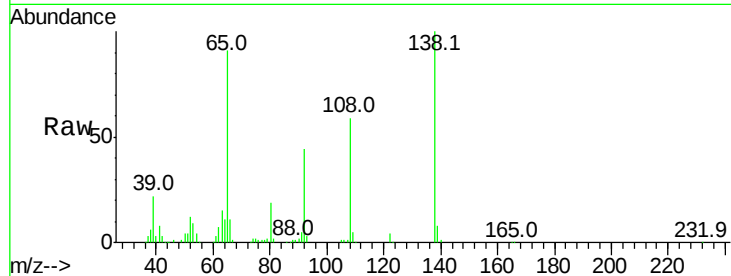




#61
4-Nitroaniline
Concen: 37.79 ng
RT: 10.14 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

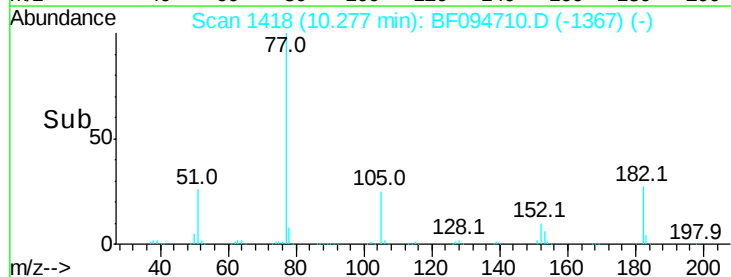
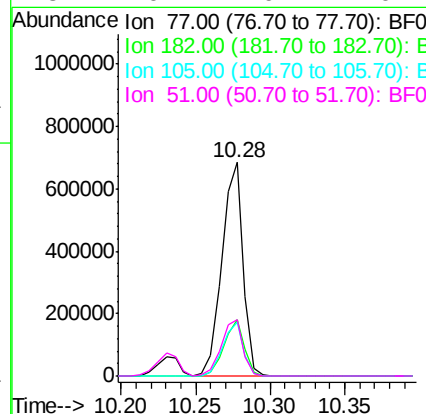
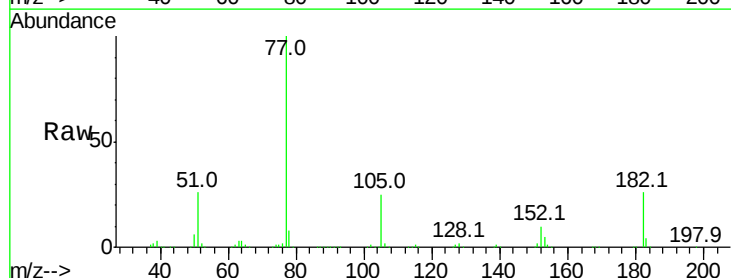
Instrument :
BNA_F
ClientSampleId :

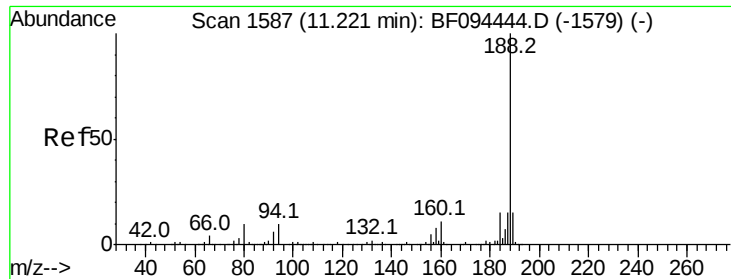
Tot Ion:138 Resp: 168672
Ion Ratio Lower Upper
138 100
92 44.1 21.8 61.8
108 59.3 42.3 82.3



#62
Azobenzene
Concen: 43.78 ng
RT: 10.28 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion: 77 Resp: 678098
Ion Ratio Lower Upper
77 100
182 26.5 0.1 40.1
105 25.2 3.6 43.6
51 26.2 9.4 49.4

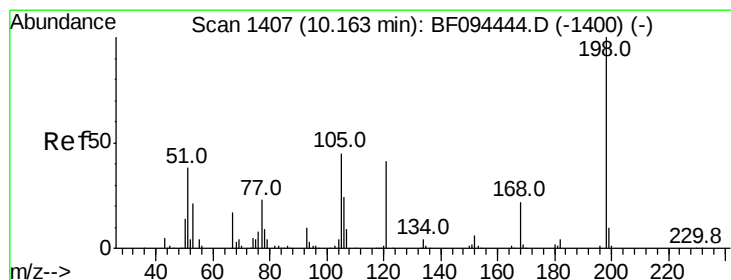
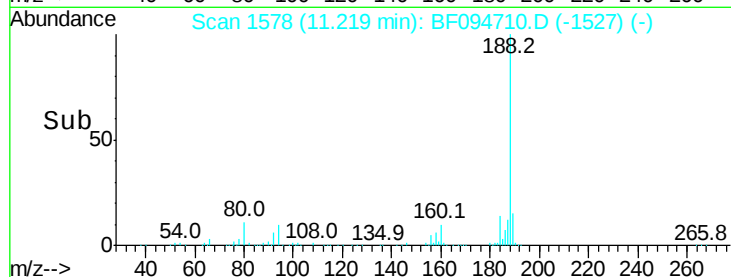
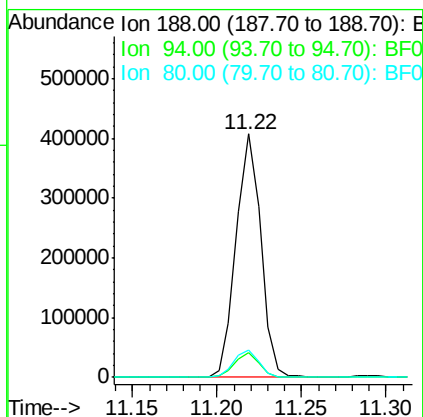
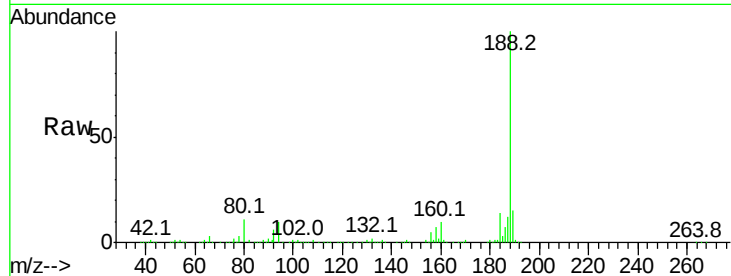




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

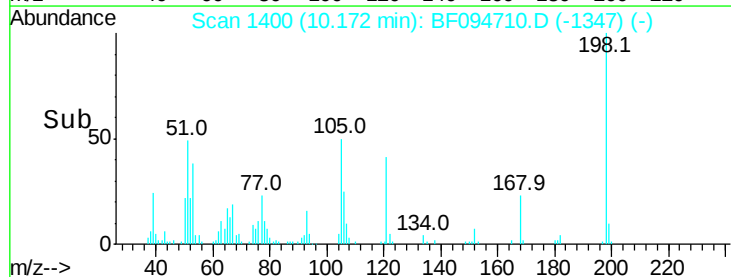
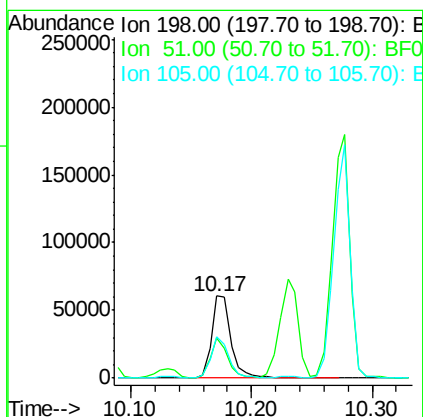
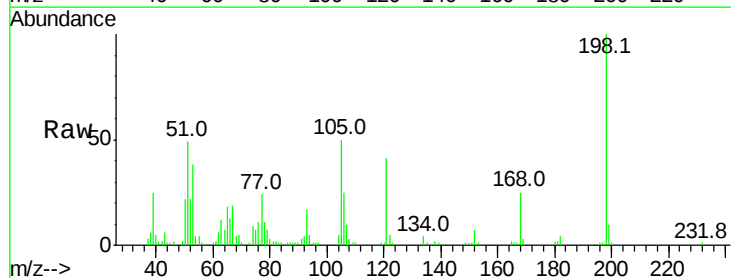
Instrument :
BNA_F
ClientSampled :

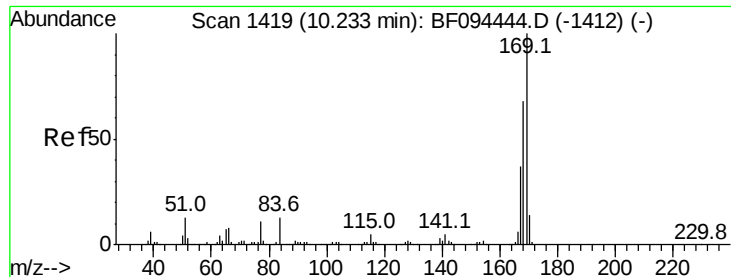
Tot Ion:188 Resp: 415882
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.3 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 24.42 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion:198 Resp: 66551
Ion Ratio Lower Upper
198 100
51 49.2 53.2 93.2#
105 50.5 45.8 85.8

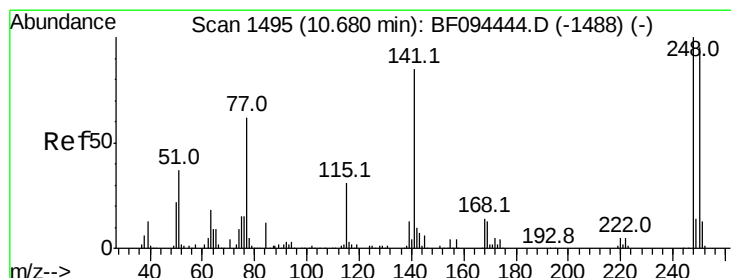
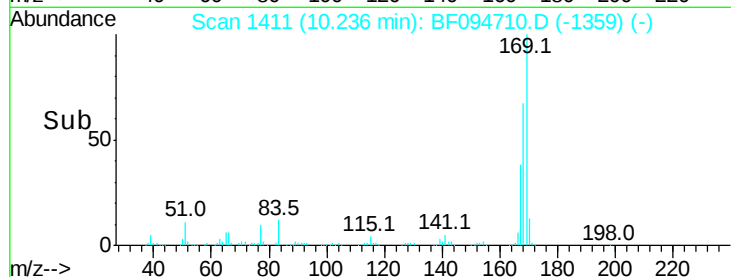
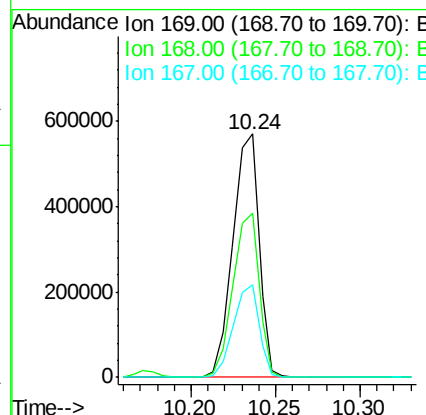
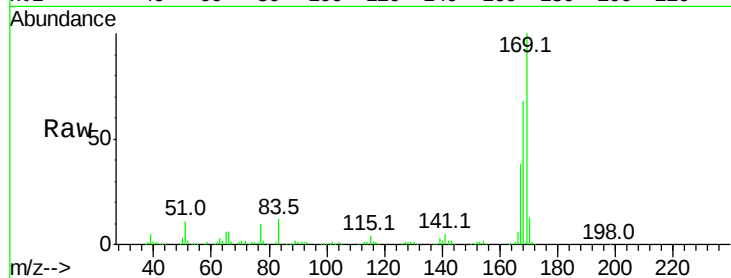




#65
 n-Nitrosodiphenylamine
 Concen: 42.63 ng
 RT: 10.24 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

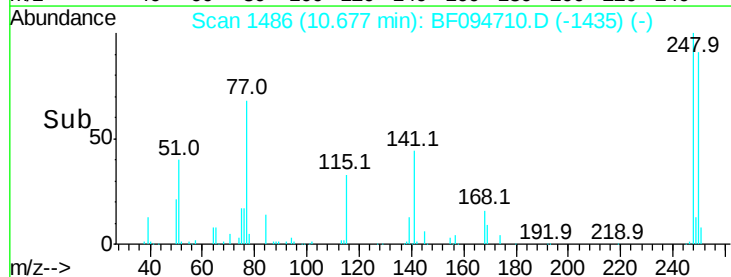
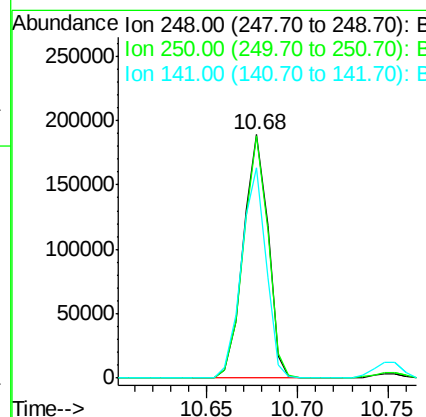
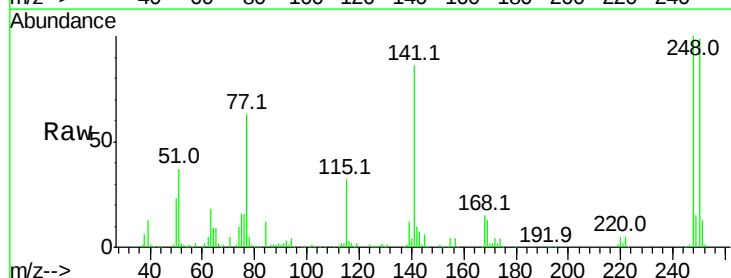
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.2	79.8
167	37.8	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 43.54 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.4	76.8	115.2
141	86.5	68.6	103.0

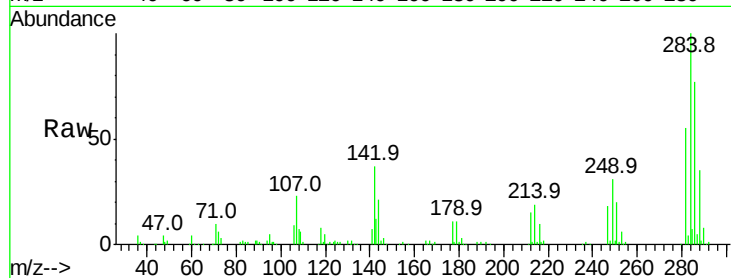




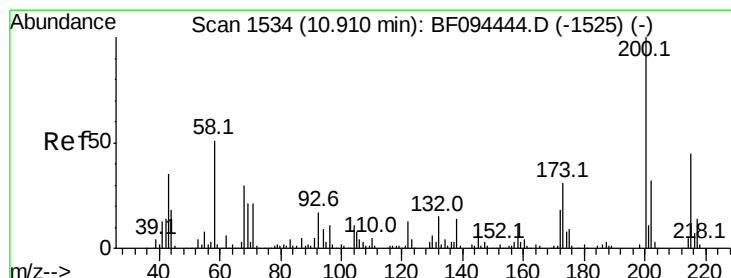
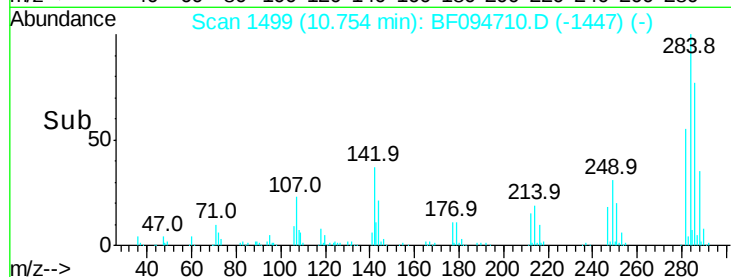
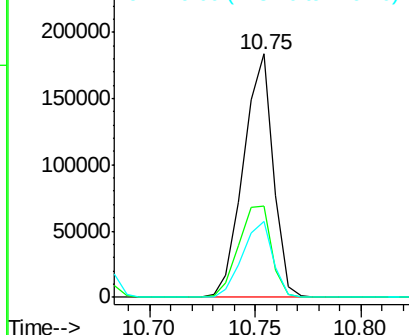
#67
Hexachlorobenzene
Concen: 43.30 ng
RT: 10.75 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 180190
Ion Ratio Lower Upper
284 100
142 37.3 22.8 34.2#
249 31.2 24.0 36.0

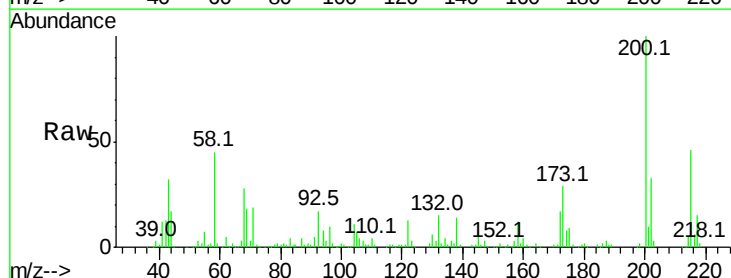


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

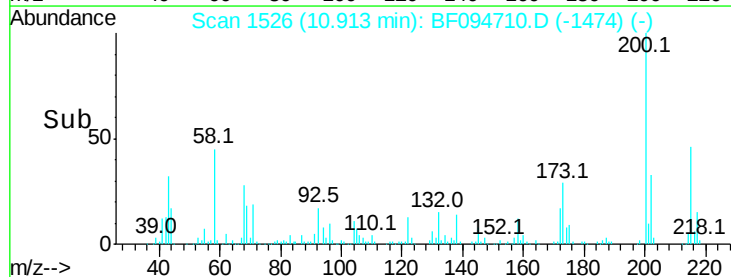
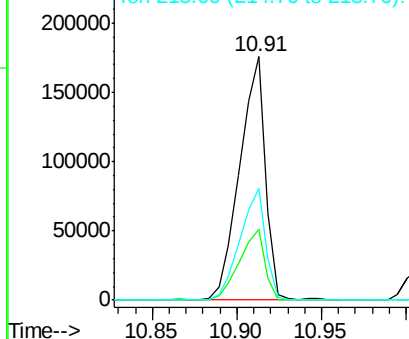


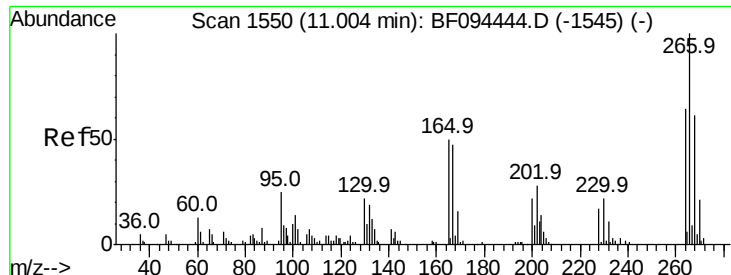
#68
Atrazine
Concen: 43.31 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion:200 Resp: 187416
Ion Ratio Lower Upper
200 100
173 29.3 6.3 46.3
215 46.1 27.2 67.2



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

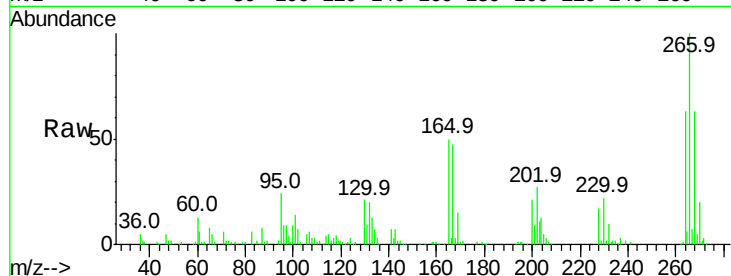




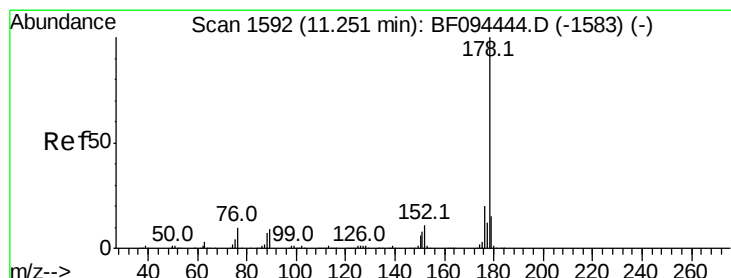
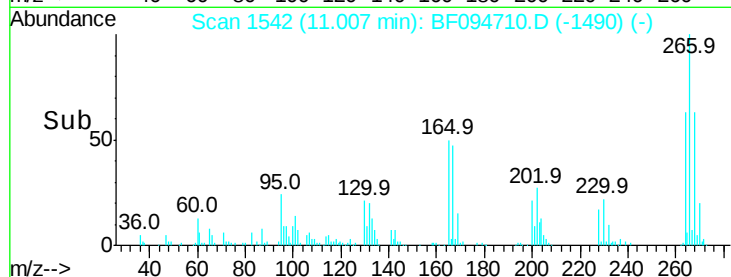
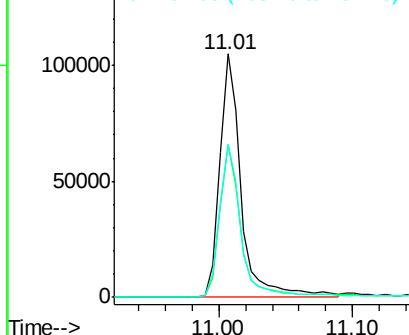
#69
 Pentachlorophenol
 Concen: 72.18 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 119281
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.1 76.7
 264 63.0 51.7 77.5

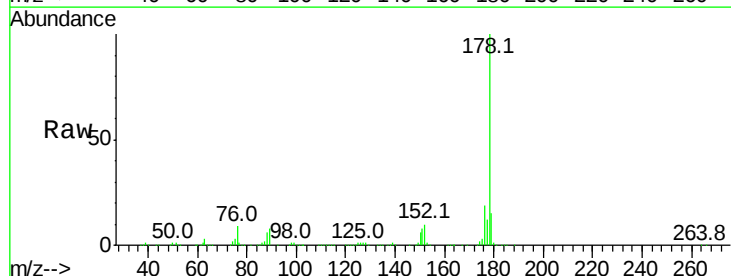


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

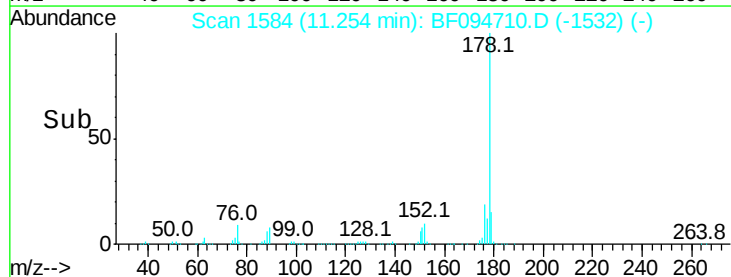
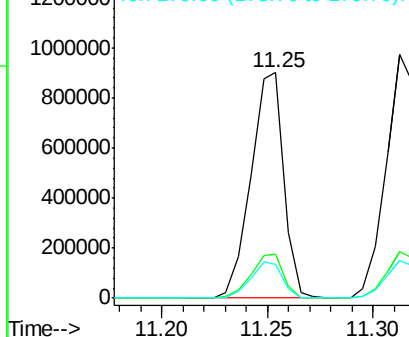


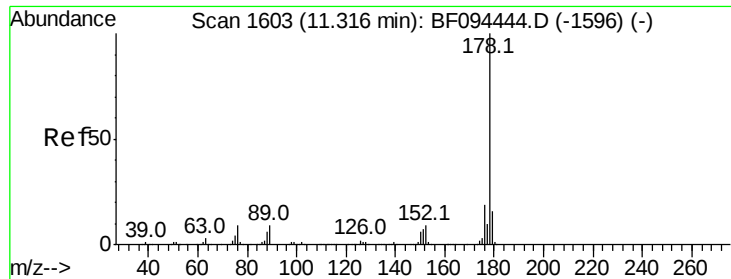
#70
 Phenanthrene
 Concen: 41.63 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion:178 Resp: 974908
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.4
 179 15.2 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

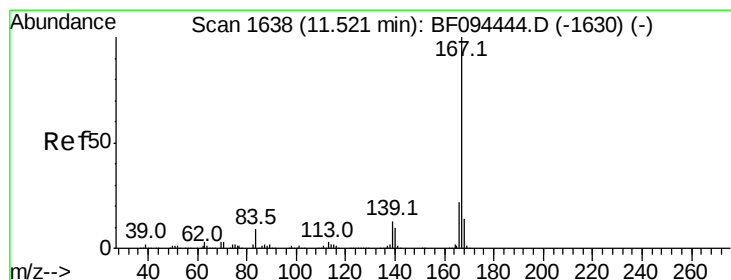
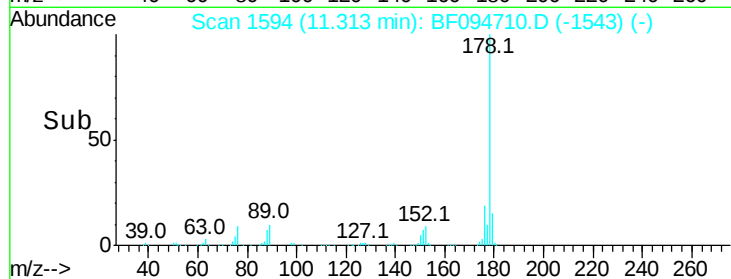
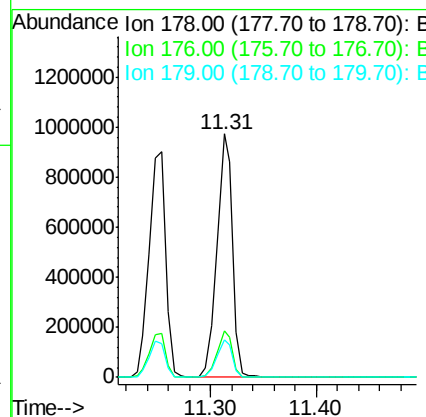
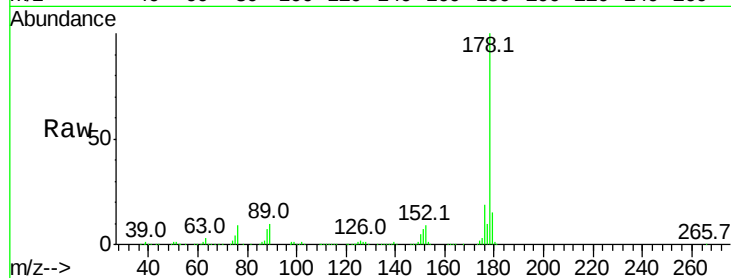




#71
 Anthracene
 Concen: 42.12 ng
 RT: 11.31 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

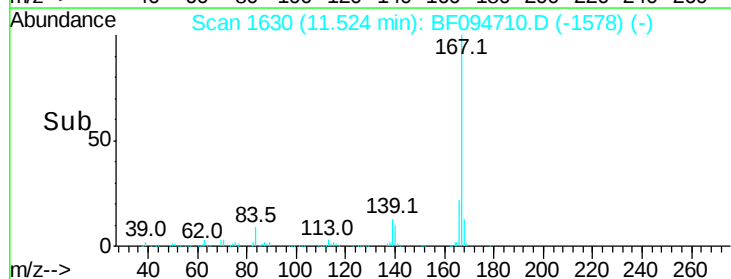
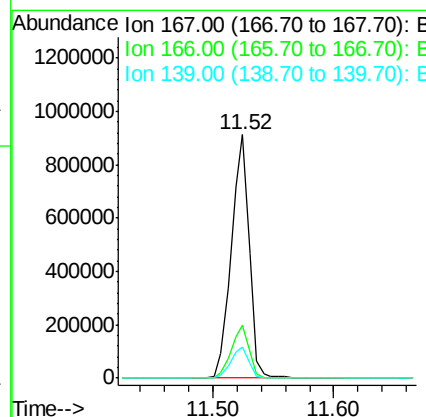
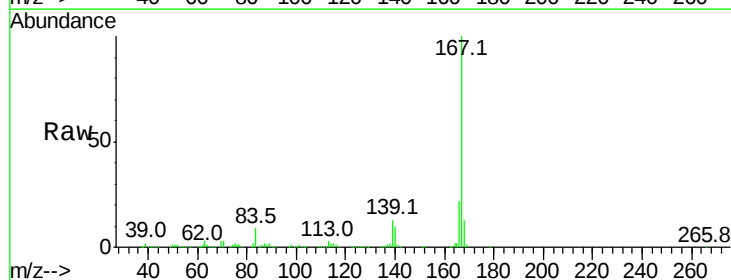
Instrument :
 BNA_F
 ClientSampleId :

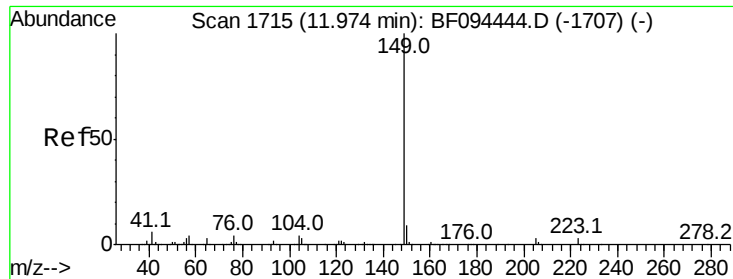
Tot Ion:178 Resp: 1020387
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 41.13 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion:167 Resp: 935183
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 12.8 11.7 17.5

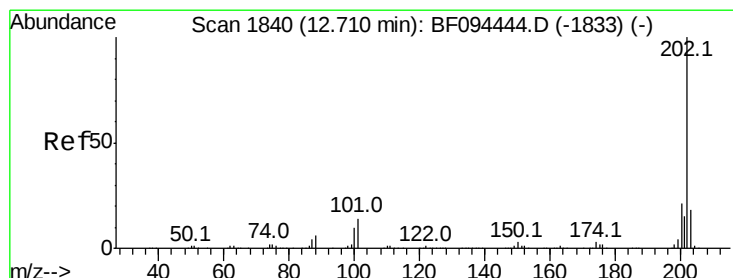
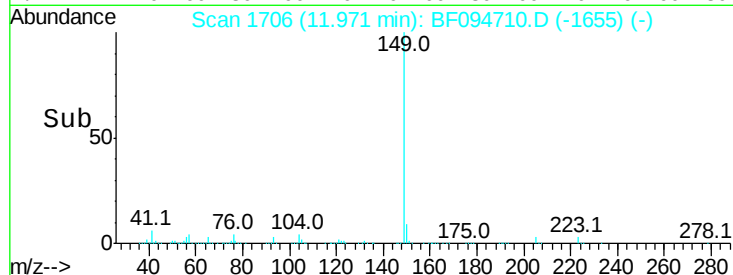
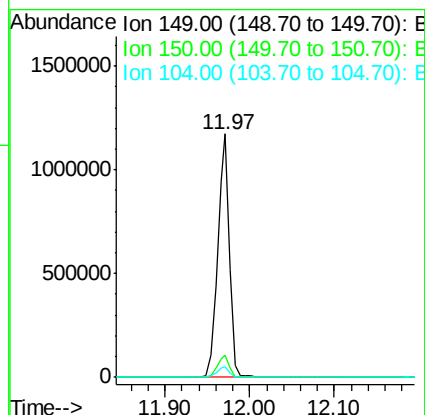
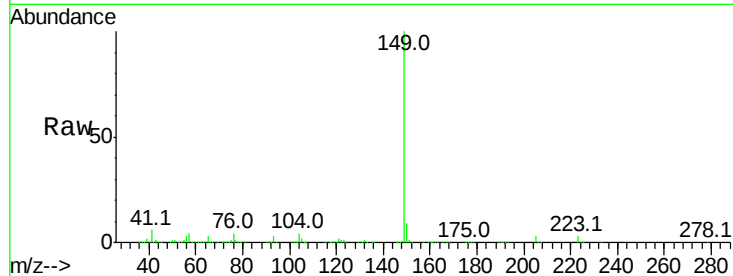




#73
Di-n-butylphthalate
Concen: 46.55 ng
RT: 11.97 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

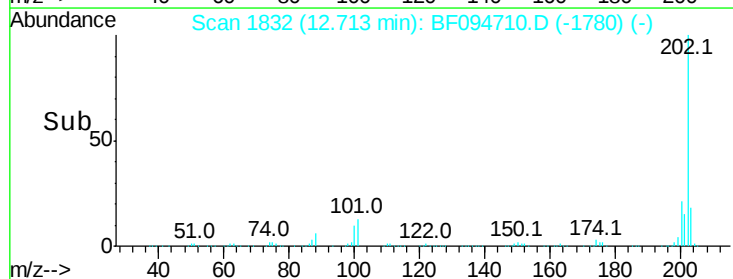
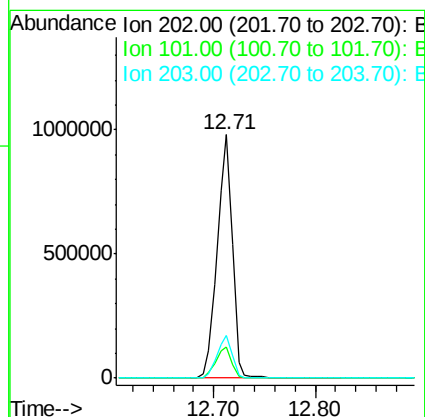
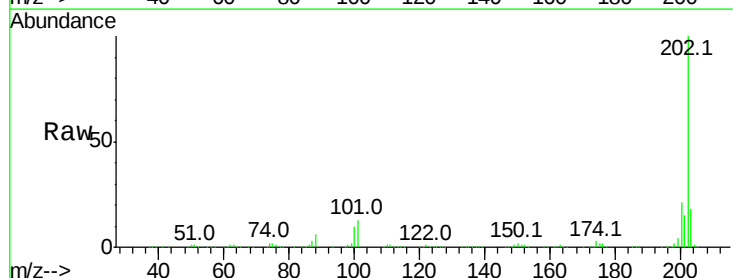
Instrument :
BNA_F
ClientSampleId :

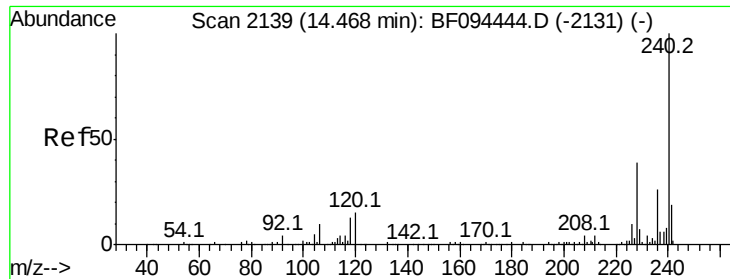
Tot Ion:149 Resp: 1165248
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.3 4.0 6.0



#74
Fluoranthene
Concen: 42.02 ng
RT: 12.71 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion:202 Resp: 1019926
Ion Ratio Lower Upper
202 100
101 12.7 0.0 33.2
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Instrument :

BNA_F

ClientSampleId :

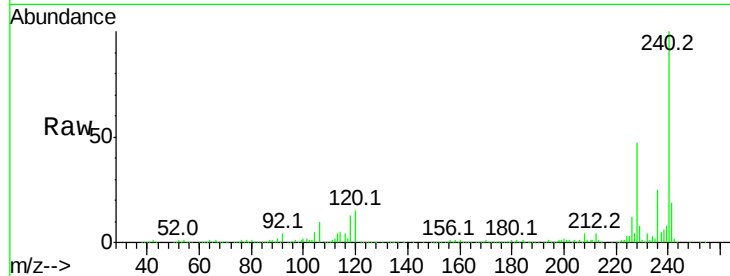
Tot Ion:240 Resp: 314298

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

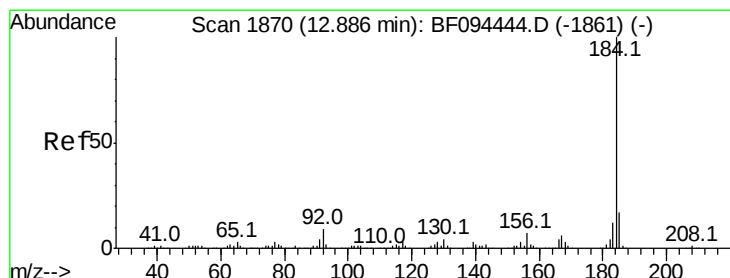
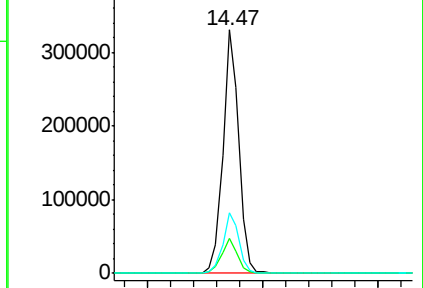
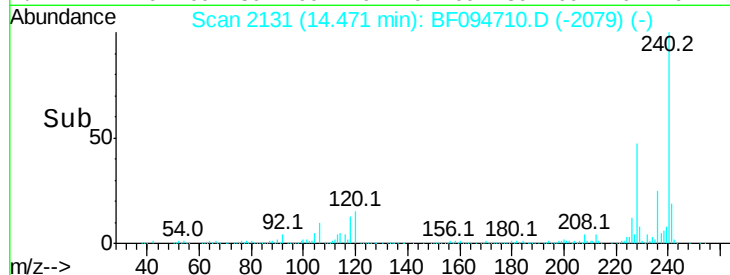
236 24.7 20.5 30.7



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: 28.48 ng

RT: 12.89 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

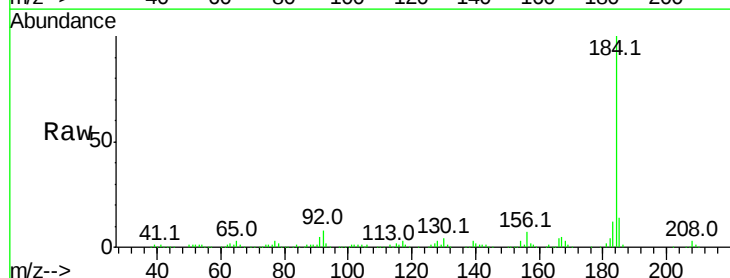
Tgt Ion:184 Resp: 362476

Ion Ratio Lower Upper

184 100

185 13.8 15.5 23.3#

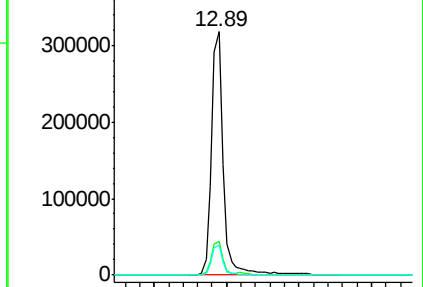
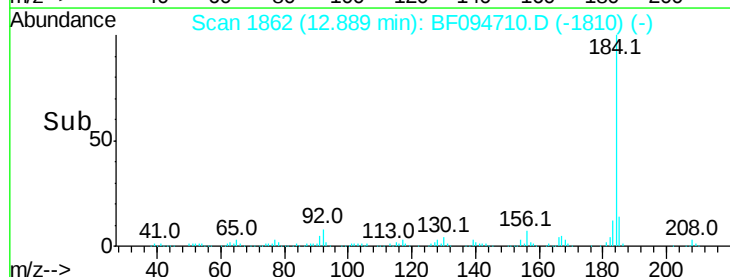
183 12.0 9.8 14.6

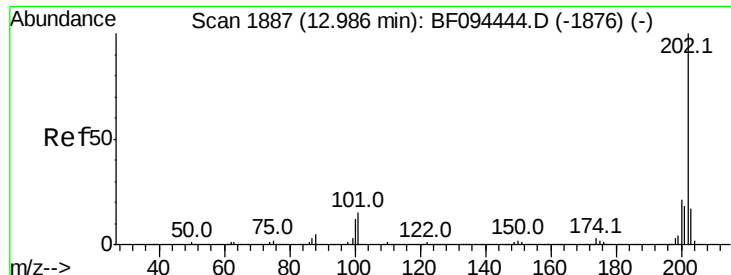


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

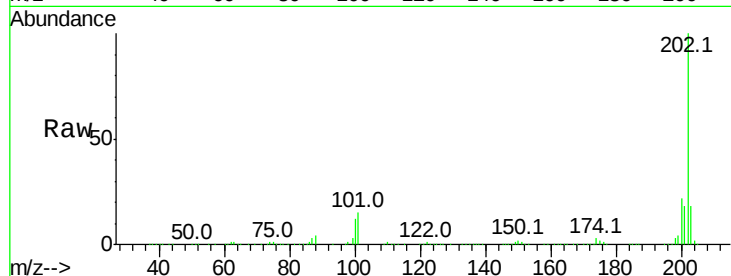




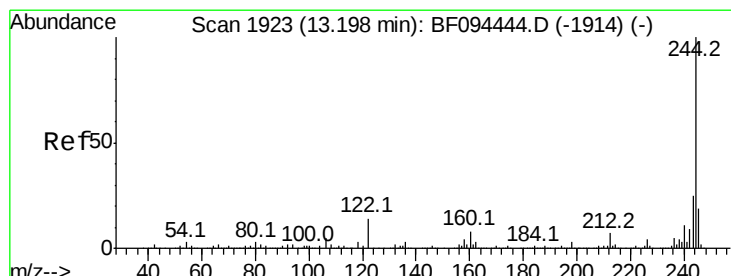
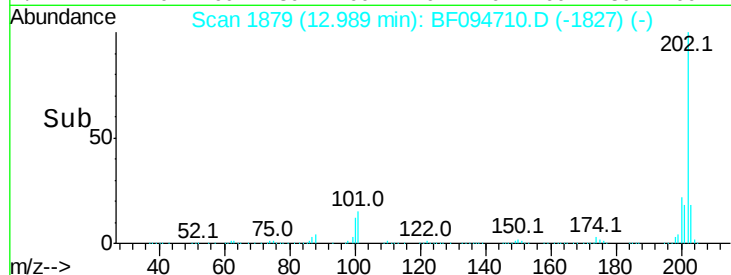
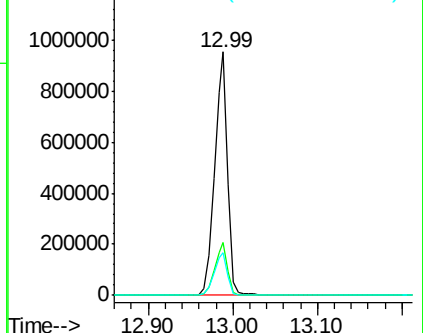
#77
Pvrene
Concen: 46.95 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1030844
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.8 14.4 21.6

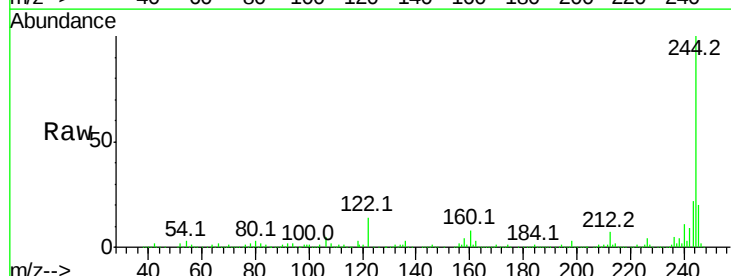


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

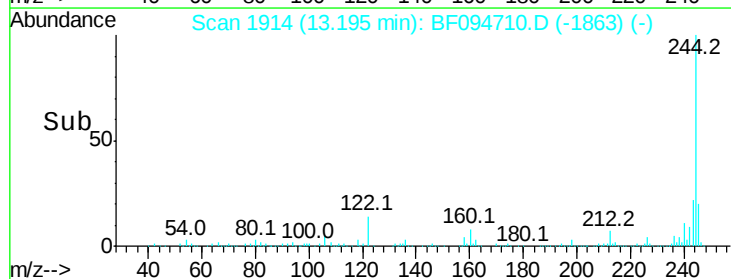
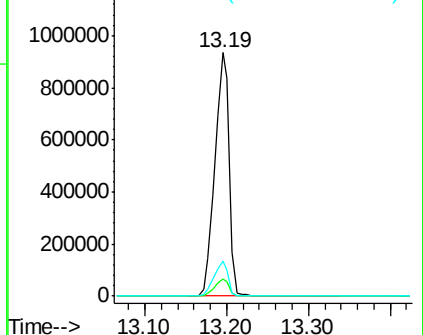


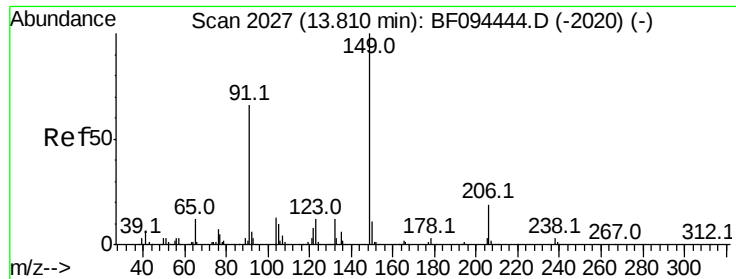
#78
Terphenyl-d14
Concen: 97.33 ng
RT: 13.19 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion:244 Resp: 1144456
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 14.3 10.3 15.5



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

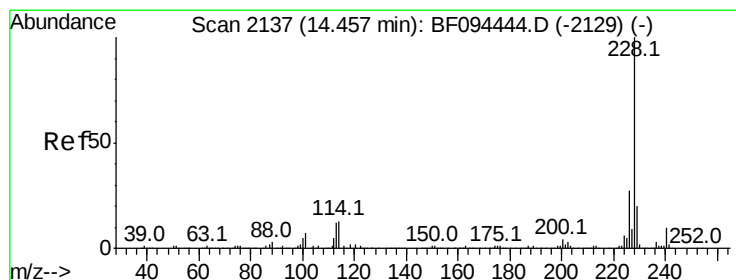
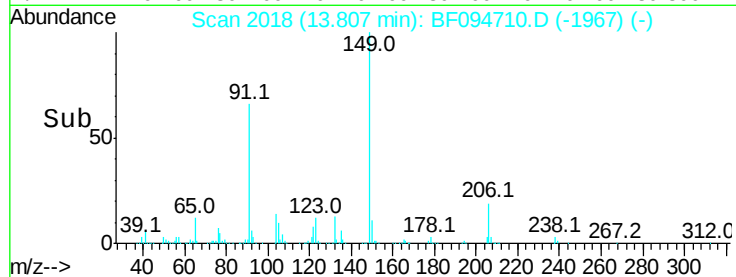
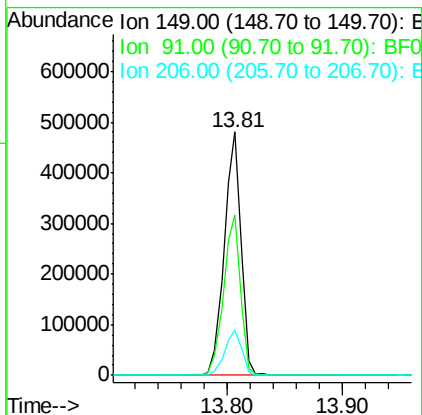
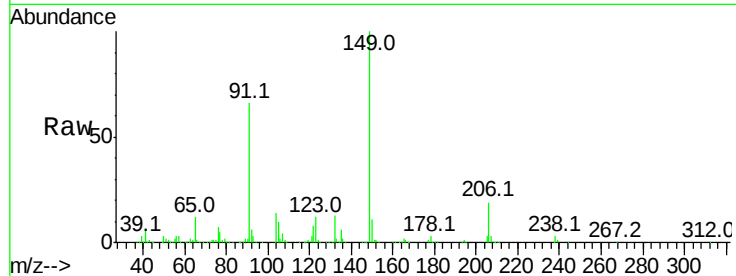




#79
Butylbenzylphthalate
Concen: 50.08 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

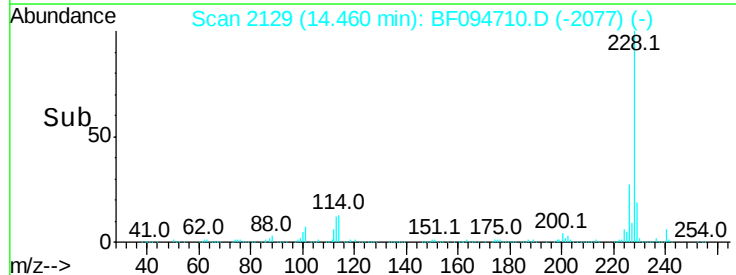
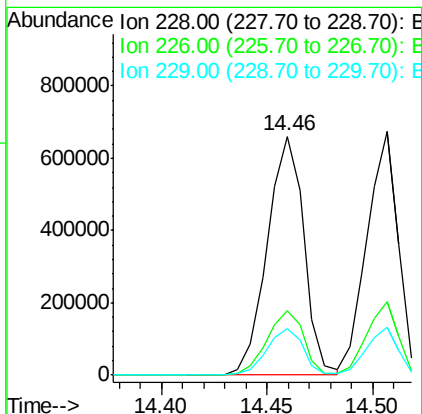
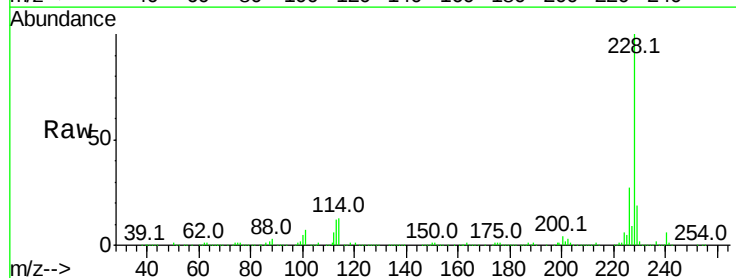
Instrument :
BNA_F
ClientSampleId :

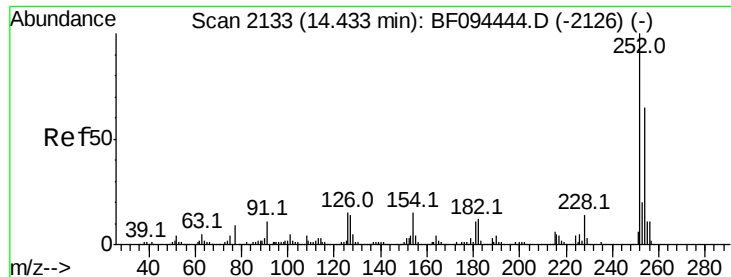
Tot Ion:149 Resp: 481921
Ion Ratio Lower Upper
149 100
91 66.1 45.0 67.4
206 18.7 17.0 25.6



#80
Benzo(a)anthracene
Concen: 43.71 ng
RT: 14.46 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion:228 Resp: 798487
Ion Ratio Lower Upper
228 100
226 26.8 22.6 33.8
229 19.3 16.3 24.5

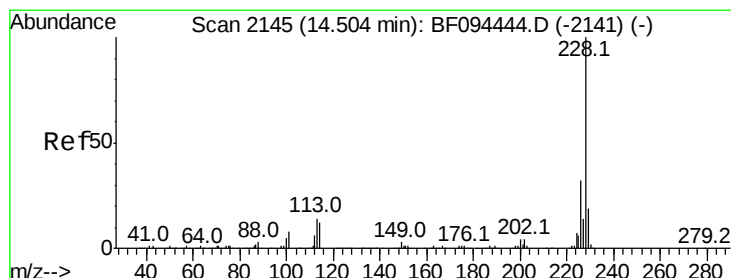
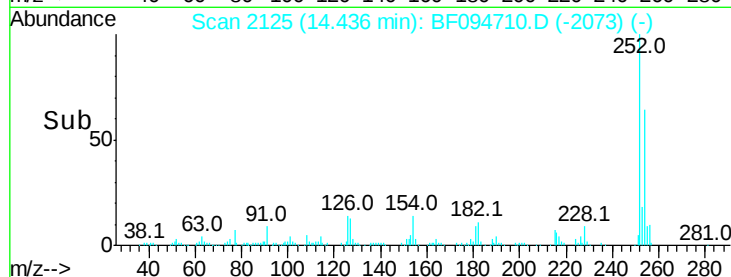
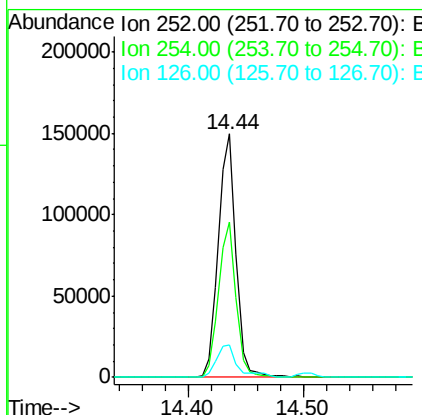
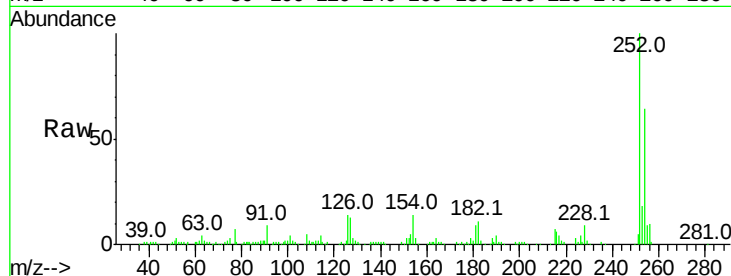




#81
 3,3'-Dichlorobenzidine
 Concen: 24.63 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

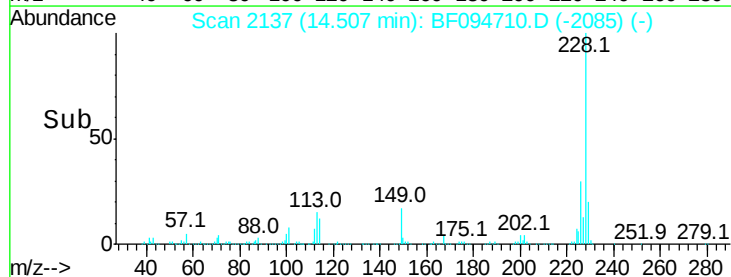
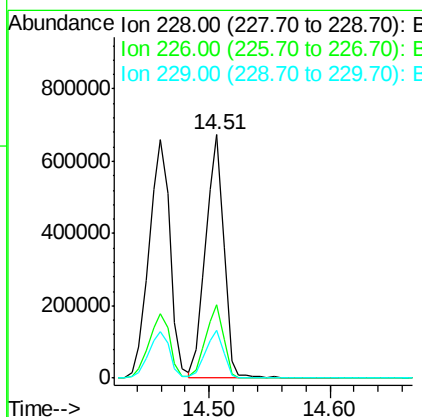
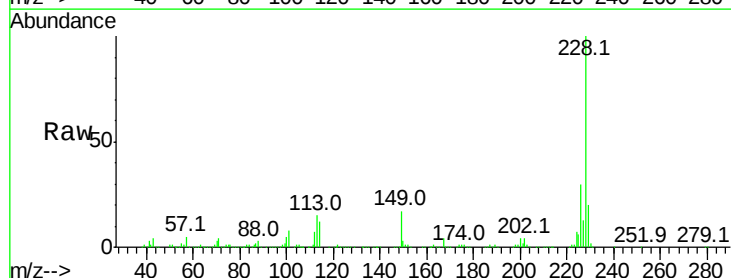
Instrument :
 BNA_F
 ClientSampleId :

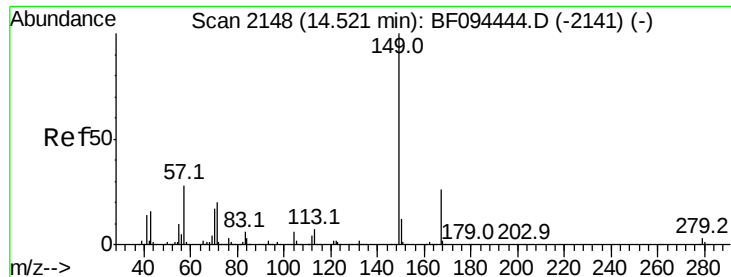
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.5	77.3
126	13.6	15.8	23.8



#82
 Chrysene
 Concen: 42.08 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.7	15.8	23.6

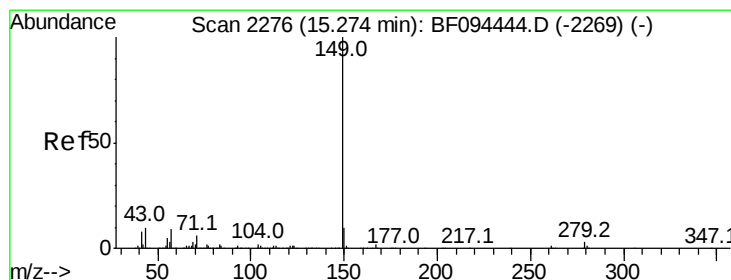
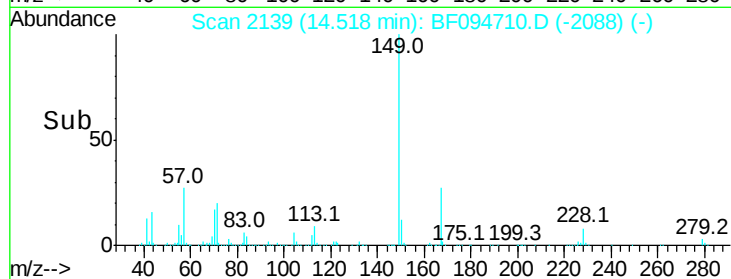
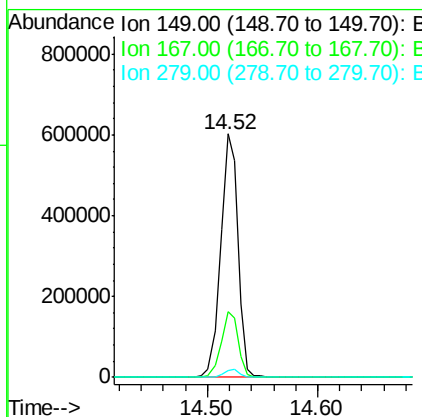
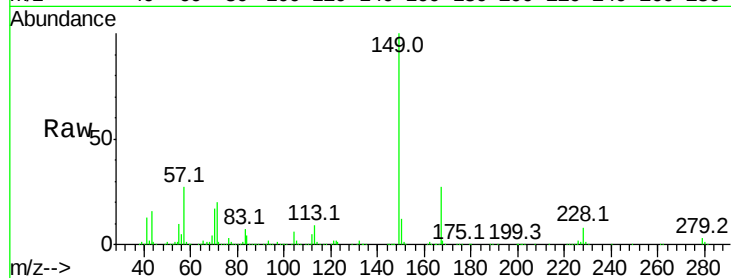




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.84 ng
 RT: 14.52 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

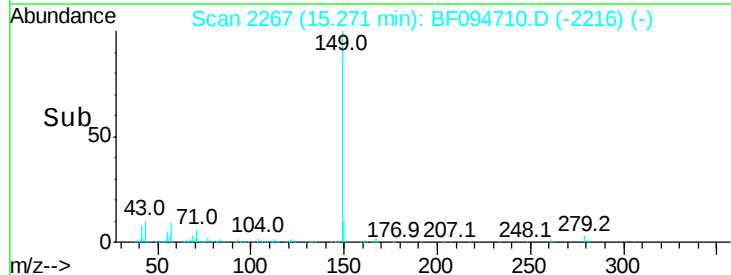
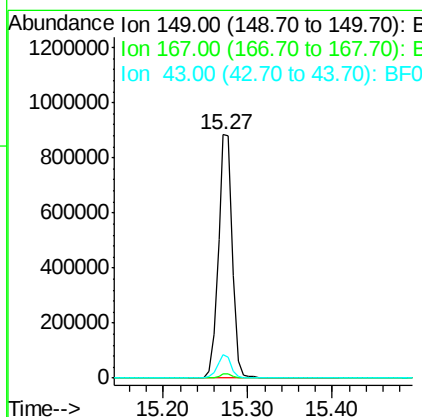
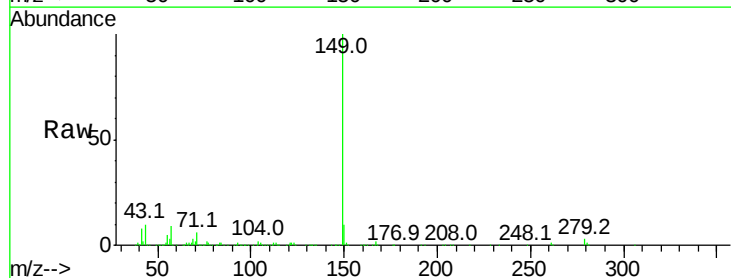
Instrument :
 BNA_F
 ClientSampleId :

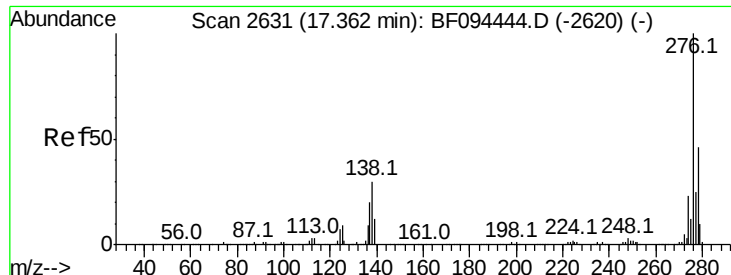
Tot Ion:149 Resp: 656836
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.0 31.4
 279 2.9 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 47.81 ng
 RT: 15.27 min Scan# 2267
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion:149 Resp: 1036269
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.1 8.5 12.7

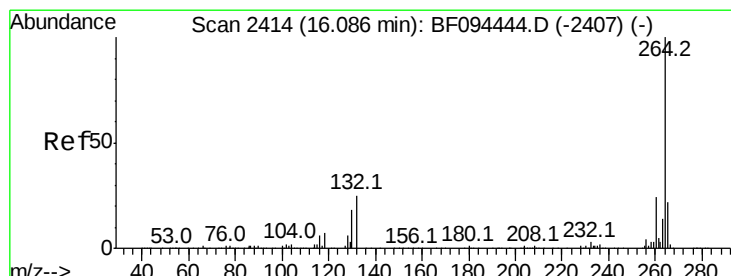
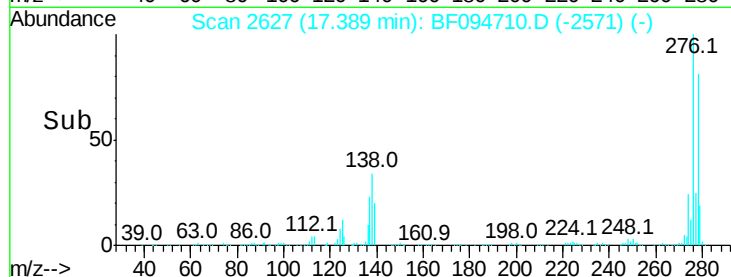
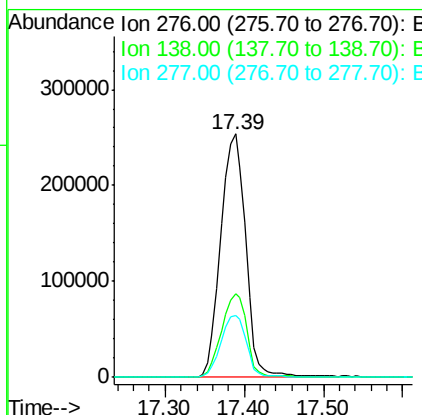
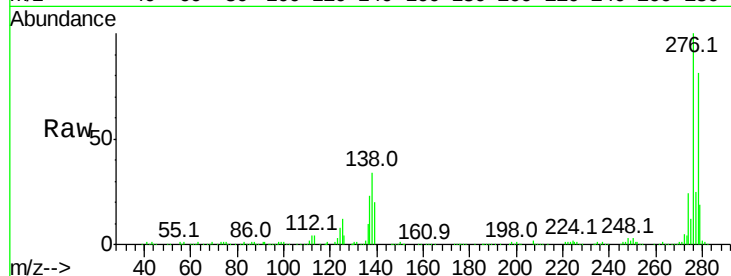




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.13 ng
 RT: 17.39 min Scan# 2627
 Delta R.T. 0.03 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

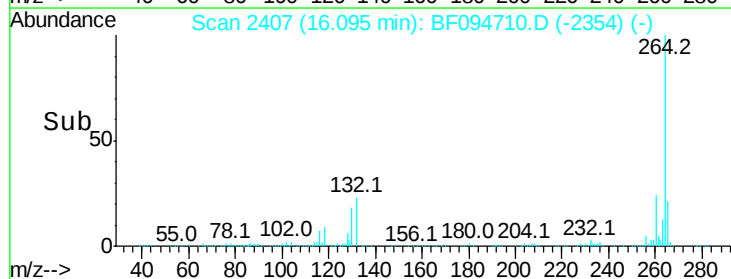
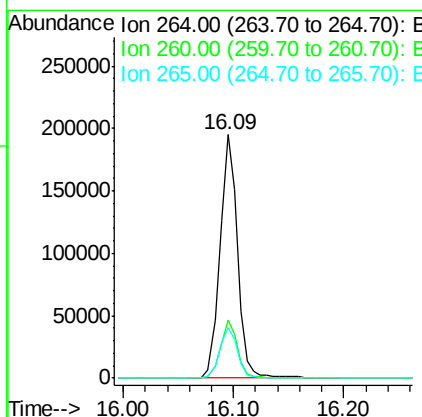
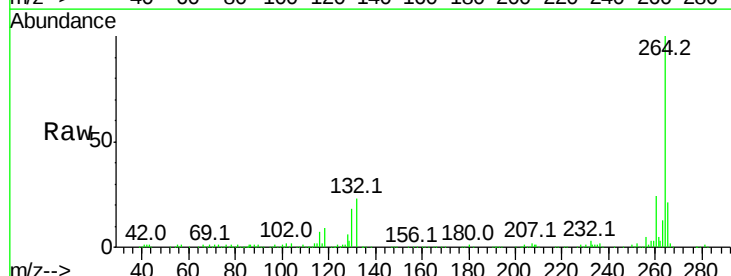
Instrument :
 BNA_F
 ClientSampleId :

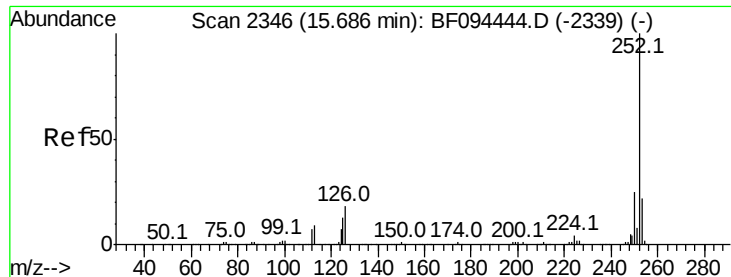
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.7	27.8	41.6
277	25.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	20.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 46.80 ng

RT: 15.69 min Scan# 2339

Delta R.T. 0.01 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Instrument :

BNA_F

ClientSampleId :

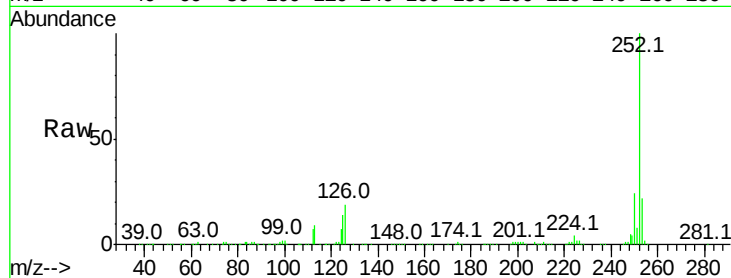
Tot Ion:252 Resp: 618013

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

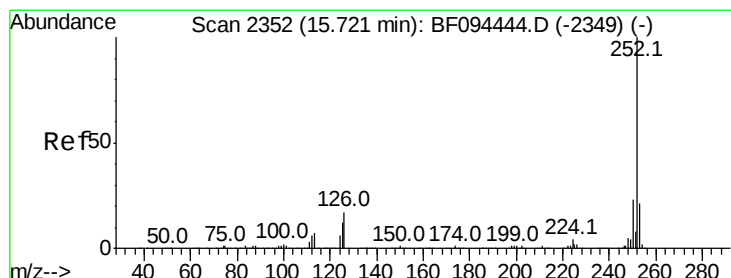
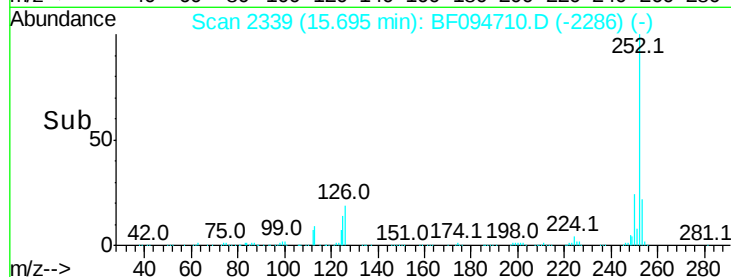
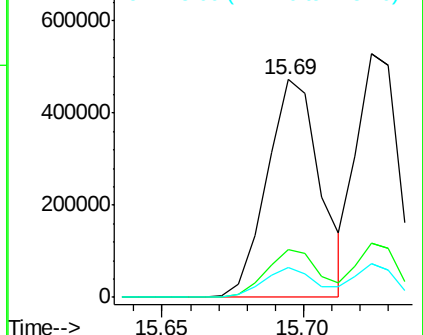
125 13.6 9.8 14.8



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: 44.35 ng

RT: 15.72 min Scan# 2344

Delta R.T. 0.00 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

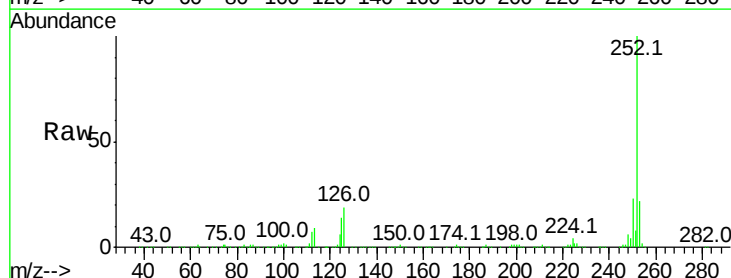
Tgt Ion:252 Resp: 554191

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

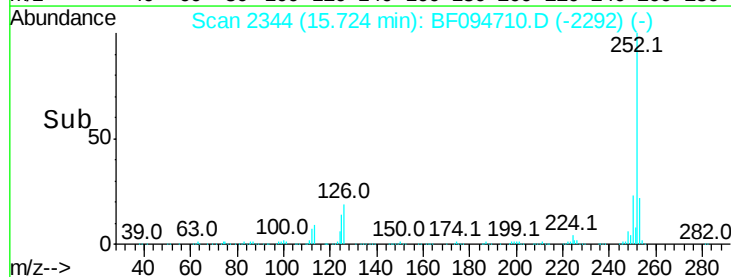
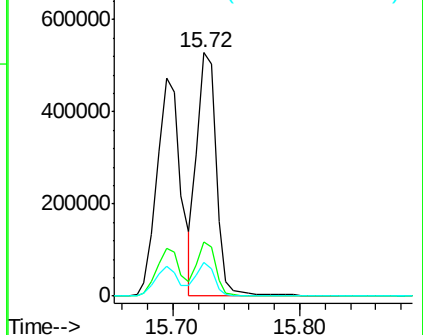
125 13.7 13.1 19.7

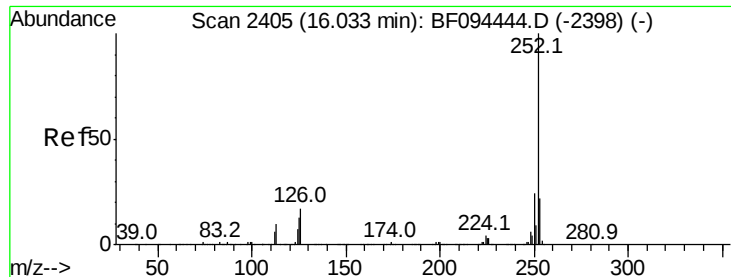


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.88 ng

RT: 16.04 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Instrument :

BNA_F

ClientSampleId :

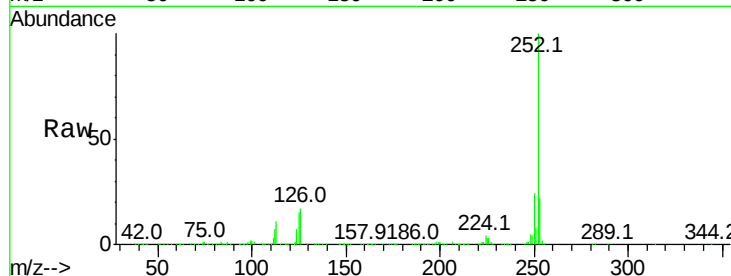
Tot Ion:252 Resp: 538997

Ion Ratio Lower Upper

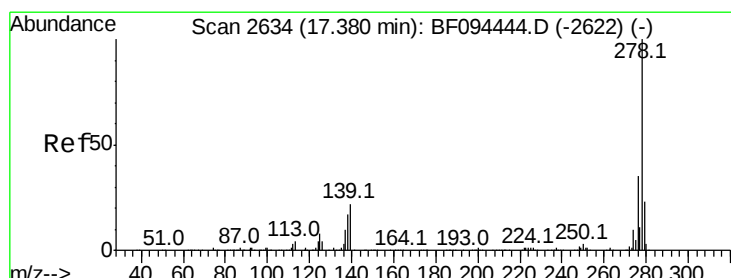
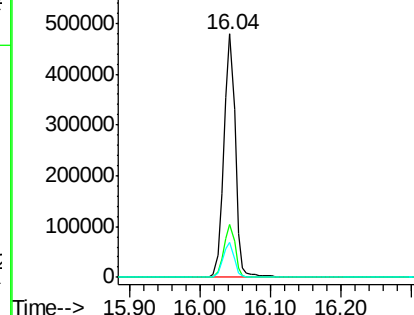
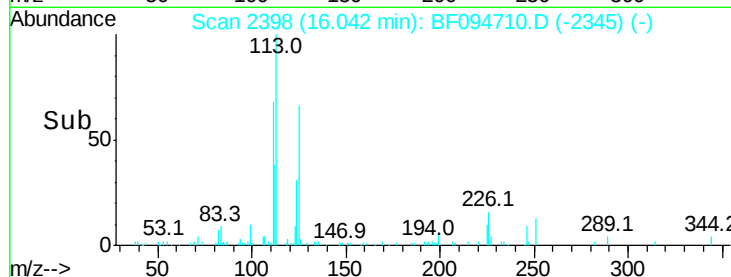
252 100

253 21.6 17.5 26.3

125 14.6 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: 45.78 ng

RT: 17.40 min Scan# 2629

Delta R.T. 0.02 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

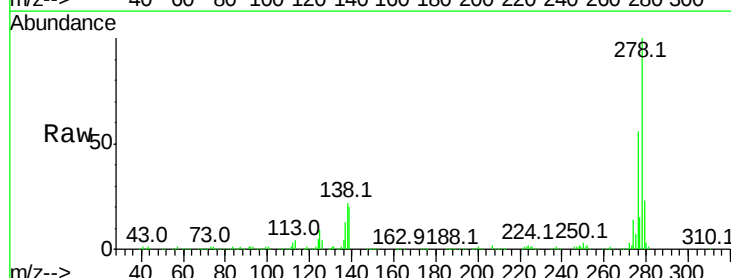
Tgt Ion:278 Resp: 466945

Ion Ratio Lower Upper

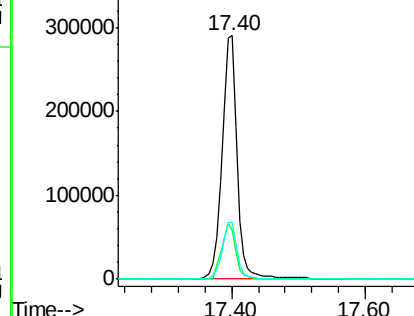
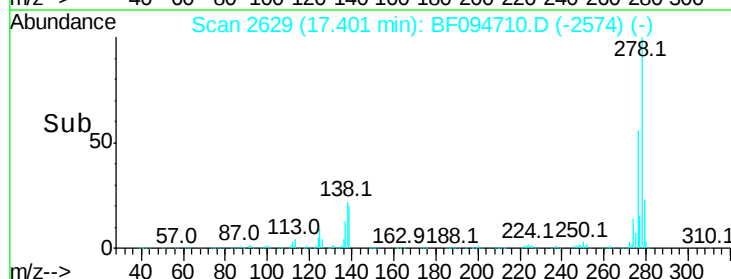
278 100

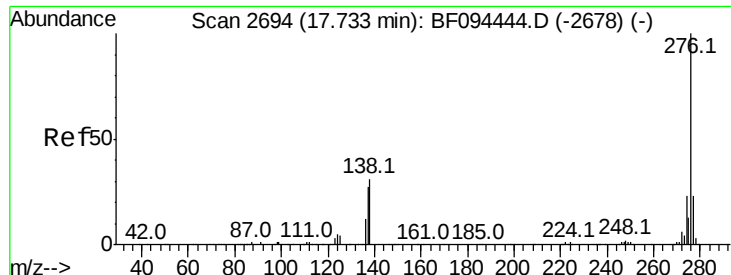
139 20.1 16.6 24.8

279 23.4 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: 45.53 ng

RT: 17.76 min Scan# 2690

Delta R.T. 0.03 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Instrument :

BNA_F

ClientSampleId :

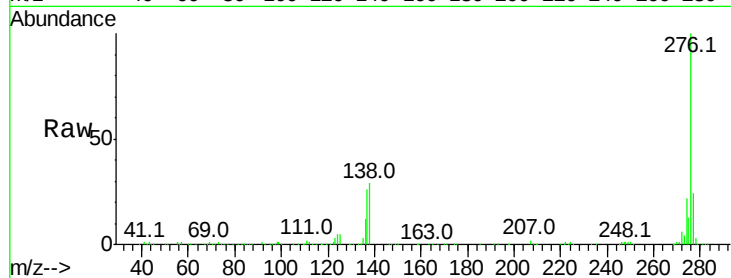
Tot Ion: 276 Resp: 472832

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 29.1 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

