

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094714.D
 Acq On : 30 Apr 2017 15:04
 Operator : SJ/MA
 Sample : PB98552BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:19:38 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	115692	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	472116	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	227784	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	408372	20.00	ng	0.00
75) Chrysene-d12	14.47	240	322934	20.00	ng	0.00
86) Perylene-d12	16.09	264	224094	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	592329	84.94	ng	0.03
7) Phenol-d6	5.40	99	701104	85.28	ng	0.00
23) Nitrobenzene-d5	6.42	82	635498	83.12	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	165697	93.00	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1250393	80.77	ng	0.00
78) Terphenyl-d14	13.19	244	1153672	95.49	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.16	88	95792	23.62	ng	98
3) Pyridine	2.65	79	295314	33.32	ng	97
4) n-Nitrosodimethylamine	2.62	42	128714	35.10	ng	87
6) Aniline	5.40	93	314615	28.80	ng	# 77
8) 2-Chlorophenol	5.54	128	323010	40.71	ng	95
9) Benzaldehyde	5.27	77	61757	9.88	ng	97
10) Phenol	5.41	94	394990	39.11	ng	93
11) bis(2-Chloroethyl)ether	5.48	93	287148	38.92	ng	95
12) 1,3-Dichlorobenzene	5.70	146	331809	37.74	ng	99
13) 1,4-Dichlorobenzene	5.79	146	337381	38.14	ng	99
14) 1,2-Dichlorobenzene	5.96	146	316560	38.85	ng	96
15) Benzyl Alcohol	5.95	79	250286	41.04	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.10	45	373117	38.57	ng	# 35
17) 2-Methylphenol	6.09	107	256712	41.08	ng	93
18) Hexachloroethane	6.35	117	115692	38.16	ng	88
19) n-Nitroso-di-n-propylamine	6.26	70	225001	41.31	ng	95
20) 3+4-Methylphenols	6.27	107	359886	42.38	ng	# 61
22) Acetophenone	6.24	105	447513	38.98	ng	# 85
24) Nitrobenzene	6.44	77	315149	39.14	ng	93
25) Isophorone	6.73	82	580845	40.98	ng	95
26) 2-Nitrophenol	6.81	139	180722	41.78	ng	95
27) 2,4-Dimethylphenol	6.89	122	292024	41.56	ng	97
28) bis(2-Chloroethoxy)methane	6.99	93	368477	40.19	ng	99
29) 2,4-Dichlorophenol	7.11	162	284040	43.46	ng	96
30) 1,2,4-Trichlorobenzene	7.20	180	268354	39.71	ng	97
31) Naphthalene	7.29	128	899500	39.63	ng	99
32) Benzoic acid	7.06	122	90143	24.26	ng	95
33) 4-Chloroaniline	7.37	127	89949	9.53	ng	# 94
34) Hexachlorobutadiene	7.44	225	135399	40.19	ng	99
35) Caprolactam	7.83	113	49920	24.31	ng	90
36) 4-Chloro-3-methylphenol	8.00	107	302859	44.21	ng	90
37) 2-Methylnaphthalene	8.12	142	641589	41.32	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	252361	38.91	ng	99
40) Hexachlorocyclopentadiene	8.32	237	205905	78.47	ng	99

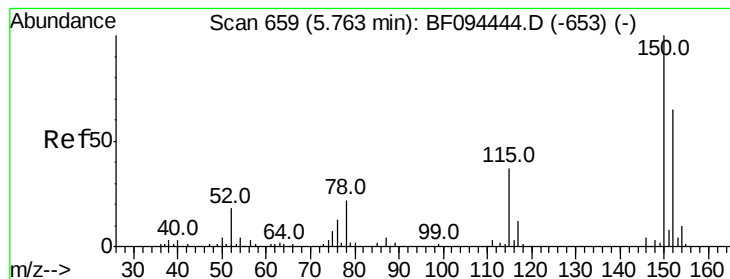
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094714.D
 Acq On : 30 Apr 2017 15:04
 Operator : SJ/MA
 Sample : PB98552BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

Quant Time: May 01 01:19:38 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	190669	41.86	nq	96
43) 2,4,5-Trichlorophenol	8.55	196	199554	42.66	nq	96
45) 1,1'-Biphenyl	8.70	154	746802	40.13	nq	98
46) 2-Chloronaphthalene	8.72	162	590813	39.92	nq	95
47) 2-Nitroaniline	8.86	65	173220	40.69	nq	89
48) Acenaphthylene	9.22	152	941402	40.81	nq	99
49) Dimethylphthalate	9.10	163	740022	43.59	nq	99
50) 2,6-Dinitrotoluene	9.17	165	163456	42.90	nq	# 90
51) Acenaphthene	9.44	154	561789	40.66	nq	99
52) 3-Nitroaniline	9.37	138	84938	19.27	nq	93
53) 2,4-Dinitrophenol	9.52	184	82155	42.63	nq	# 67
54) Dibenzofuran	9.65	168	839866	41.82	nq	98
55) 4-Nitrophenol	9.65	139	539707	173.29	nq	# 39
56) 2,4-Dinitrotoluene	9.67	165	218576	46.75	nq	94
57) Fluorene	10.07	166	643394	41.14	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	150082	44.76	nq	# 94
59) Diethylphthalate	9.97	149	703869	43.95	nq	98
60) 4-Chlorophenyl-phenylether	10.08	204	282814	43.46	nq	92
61) 4-Nitroaniline	10.13	138	163970	36.59	nq	96
62) Azobenzene	10.28	77	667536	42.92	nq	92
64) 4,6-Dinitro-2-methylphenol	10.17	198	79189	29.60	nq	# 70
65) n-Nitrosodiphenylamine	10.23	169	602039	42.39	nq	99
66) 4-Bromophenyl-phenylether	10.68	248	173428	42.77	nq	96
67) Hexachlorobenzene	10.75	284	177496	43.43	nq	# 93
68) Atrazine	10.91	200	161583	38.03	nq	96
69) Pentachlorophenol	11.01	266	128231	79.03	nq	99
70) Phenanthrene	11.25	178	964923	41.96	nq	99
71) Anthracene	11.31	178	1000471	42.06	nq	99
72) Carbazole	11.52	167	923356	41.36	nq	98
73) Di-n-butylphthalate	11.97	149	1144161	46.54	nq	98
74) Fluoranthene	12.71	202	1007222	42.26	nq	99
76) Benzidine	12.88	184	299653	22.92	nq	# 93
77) Pyrene	12.99	202	1021046	45.26	nq	98
79) Butylbenzylphthalate	13.81	149	483318	48.88	nq	90
80) Benzo(a)anthracene	14.46	228	797186	42.47	nq	98
81) 3,3'-Dichlorobenzidine	14.44	252	192169	28.92	nq	# 96
82) Chrysene	14.51	228	713262	41.58	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	660305	49.74	nq	# 99
84) Di-n-octyl phthalate	15.27	149	1044707	46.91	nq	96
85) Indeno(1,2,3-cd)pyrene	17.39	276	567253	34.75	nq	100
87) Benzo(b)fluoranthene	15.69	252	632955	46.17	nq	97
88) Benzo(k)fluoranthene	15.69	252	632955	48.79	nq	97
89) Benzo(a)pyrene	16.04	252	541713	42.48	nq	99
90) Dibenzo(a,h)anthracene	17.39	278	475717	44.92	nq	97
91) Benzo(g,h,i)perylene	17.76	276	478345	44.37	nq	98

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

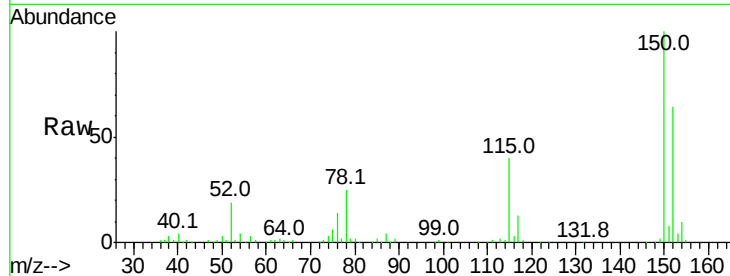


#1

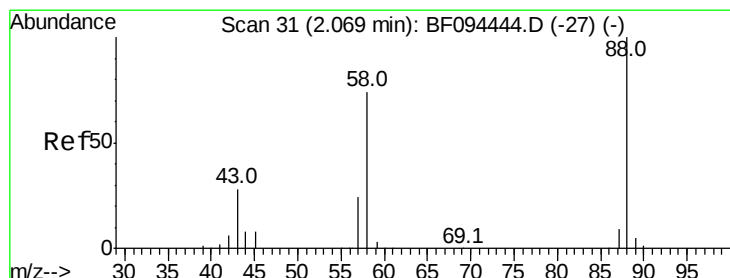
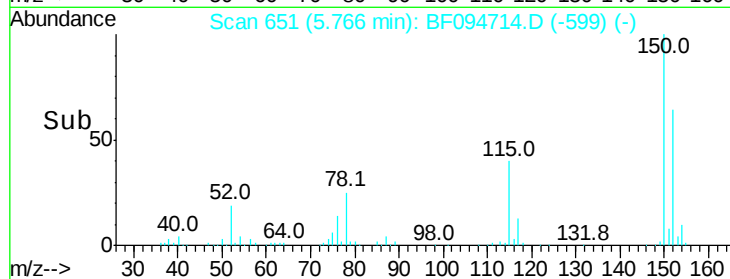
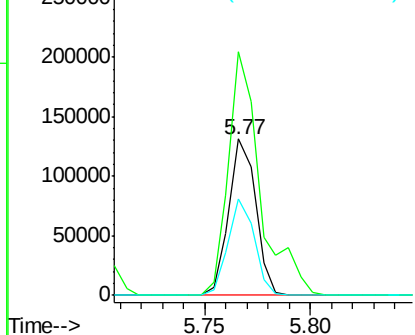
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 115692
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 62.0 52.2 78.2



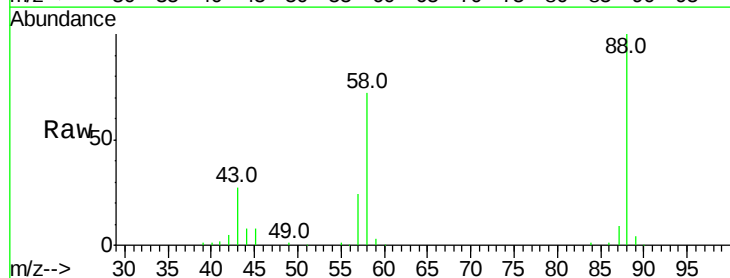
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



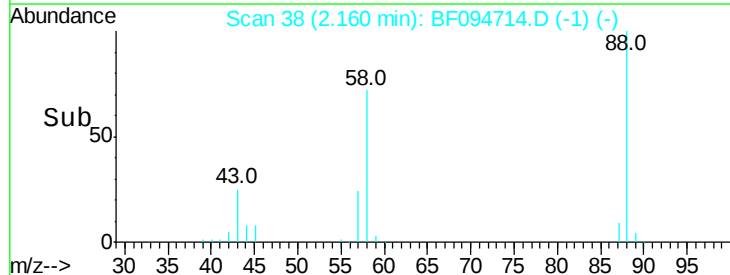
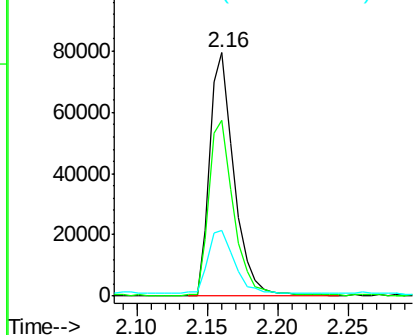
#2

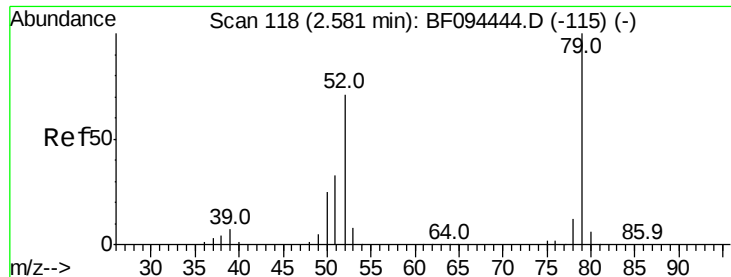
1,4-Dioxane
Concen: 23.62 ng
RT: 2.16 min Scan# 38
Delta R.T. 0.09 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion: 88 Resp: 95792
Ion Ratio Lower Upper
88 100
58 74.7 61.4 92.0
43 28.1 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 33.32 ng

RT: 2.65 min Scan# 122

Delta R.T. 0.07 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

ClientSampleId :

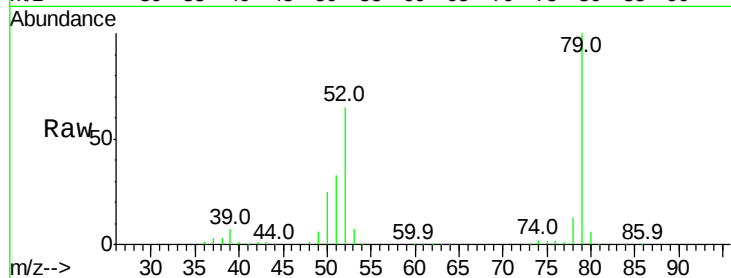
Tot Ion: 79 Resp: 295314

Ion Ratio Lower Upper

79 100

52 65.2 54.8 82.2

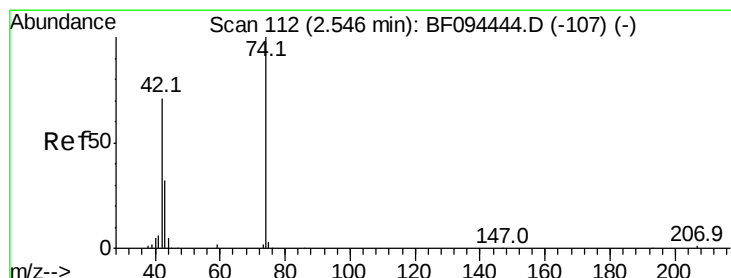
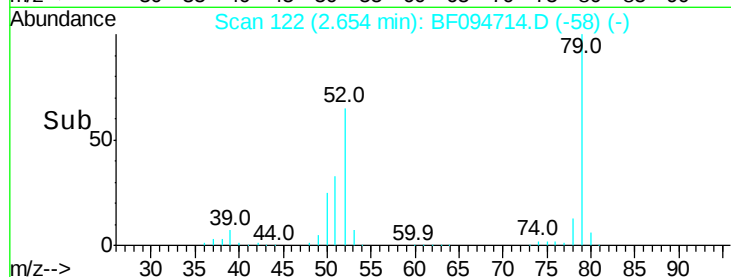
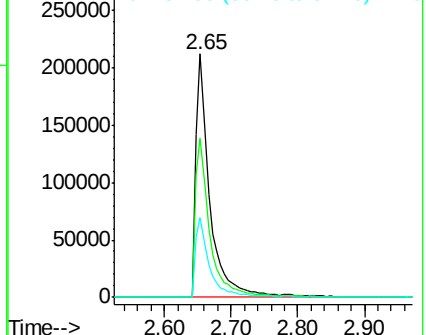
51 32.8 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.10 ng

RT: 2.62 min Scan# 117

Delta R.T. 0.08 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

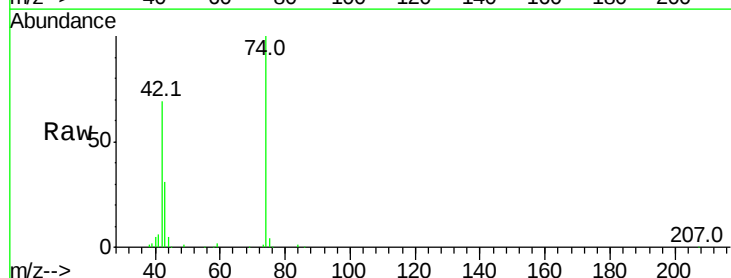
Tgt Ion: 42 Resp: 128714

Ion Ratio Lower Upper

42 100

74 145.5 103.9 155.9

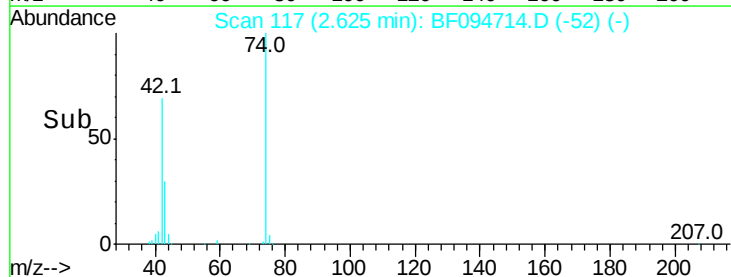
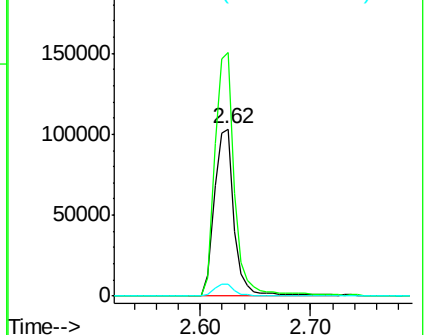
44 6.8 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 84.94 ng

RT: 4.33 min Scan# 407

Delta R.T. 0.03 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

ClientSampled :

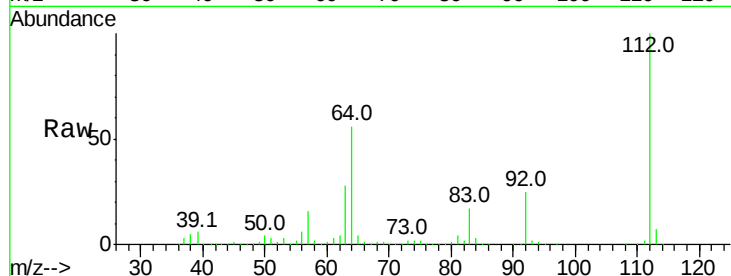
Tot Ion:112 Resp: 592329

Ion Ratio Lower Upper

112 100

64 55.7 46.0 69.0

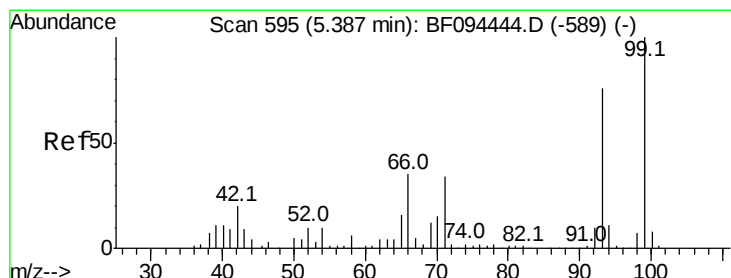
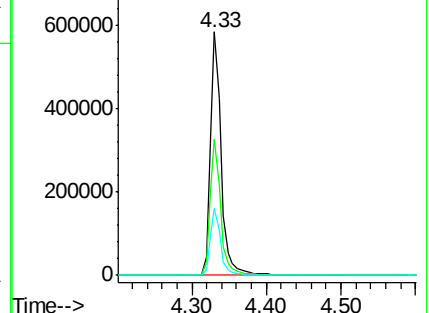
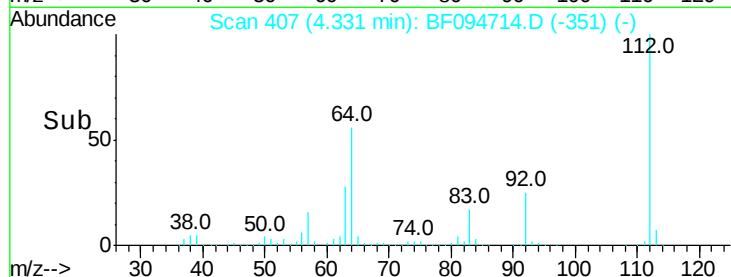
63 27.6 23.4 35.0



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: 28.80 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

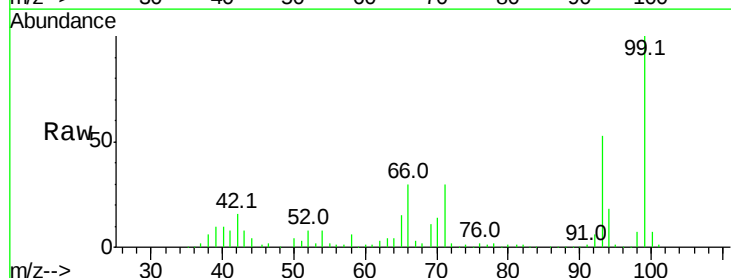
Tgt Ion: 93 Resp: 314615

Ion Ratio Lower Upper

93 100

66 56.7 32.9 49.3#

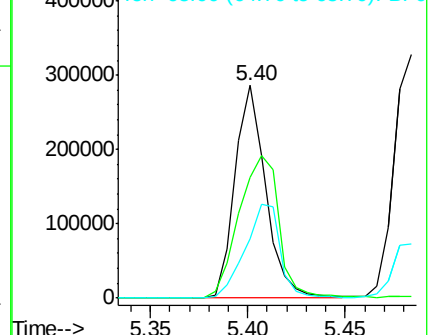
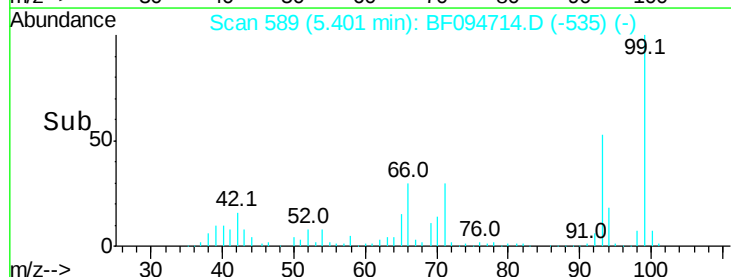
65 28.1 16.0 24.0#

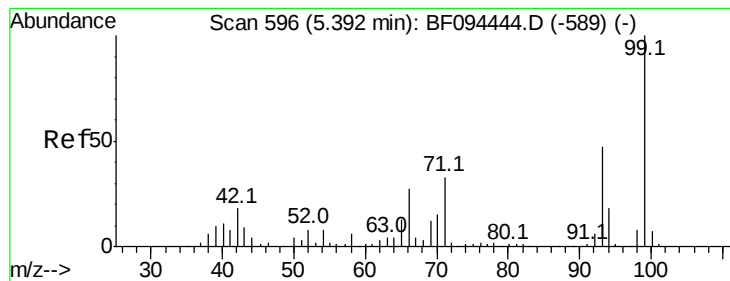


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 85.28 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

ClientSampleId :

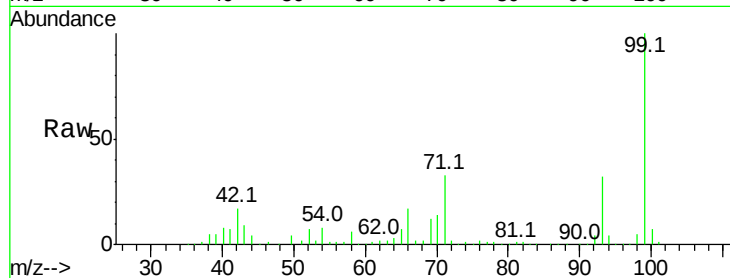
Tot Ion: 99 Resp: 701104

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

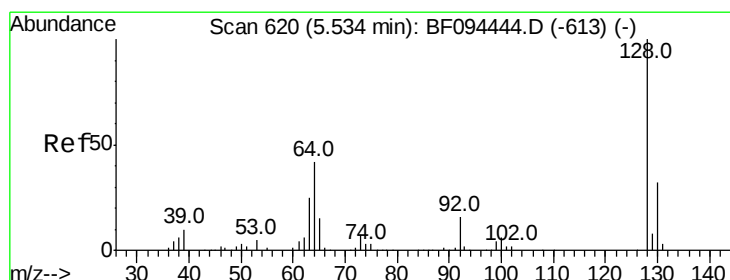
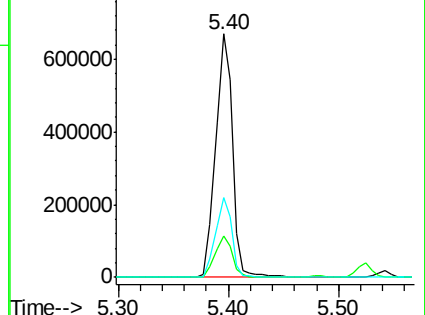
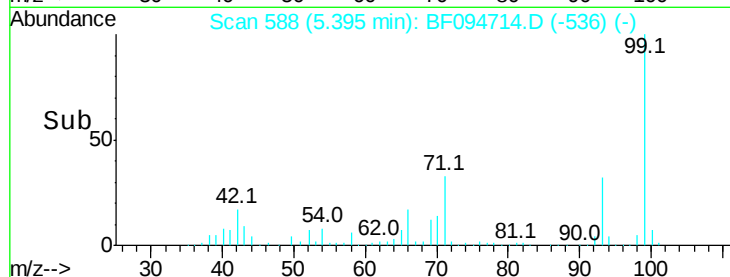
71 32.8 24.5 36.7



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: 40.71 ng

RT: 5.54 min Scan# 613

Delta R.T. 0.01 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

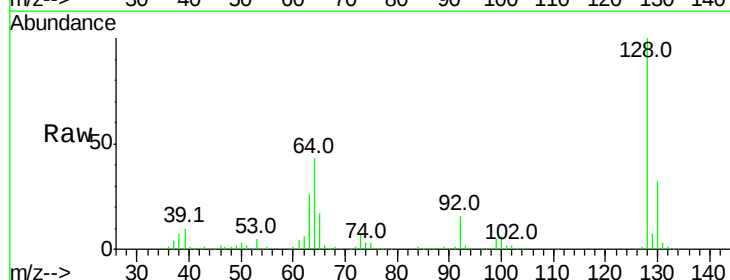
Tgt Ion: 128 Resp: 323010

Ion Ratio Lower Upper

128 100

130 32.1 12.9 52.9

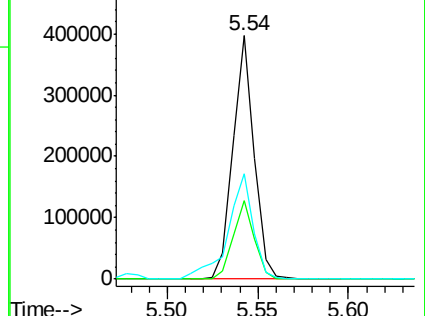
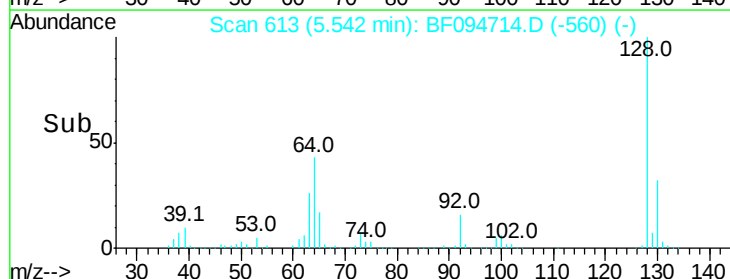
64 43.2 28.4 68.4

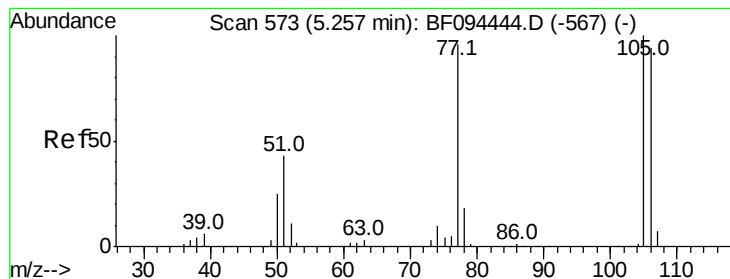


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.88 ng

RT: 5.27 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

ClientSampleId :

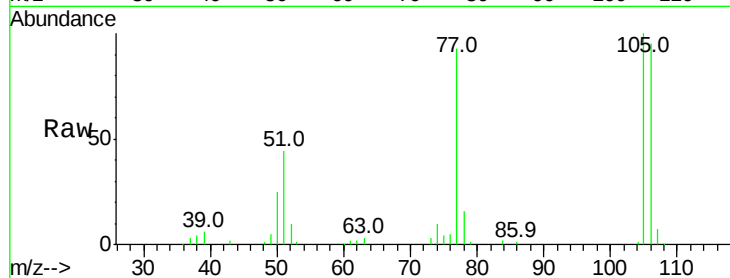
Tot Ion: 77 Resp: 61757

Ion Ratio Lower Upper

77 100

105 107.1 83.8 123.8

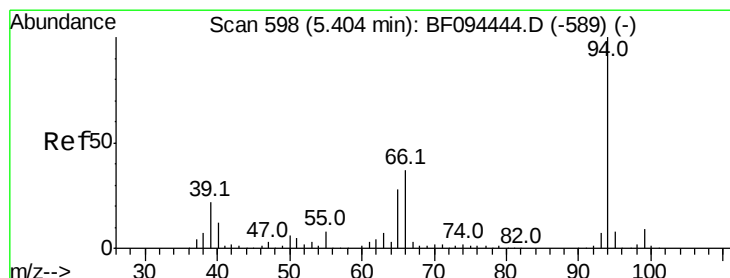
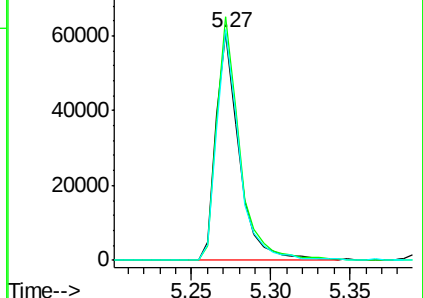
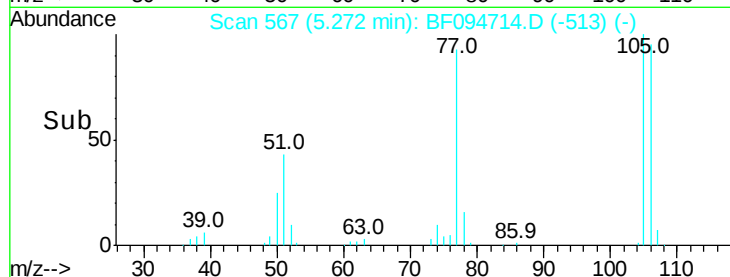
106 101.4 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.11 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

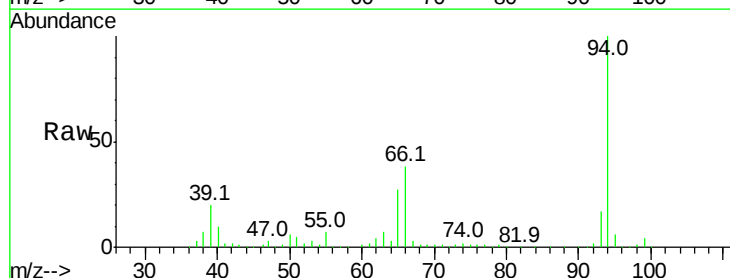
Tgt Ion: 94 Resp: 394990

Ion Ratio Lower Upper

94 100

65 27.0 9.9 49.9

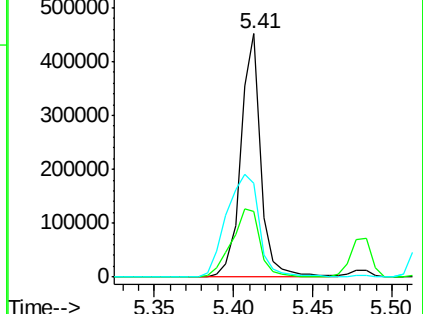
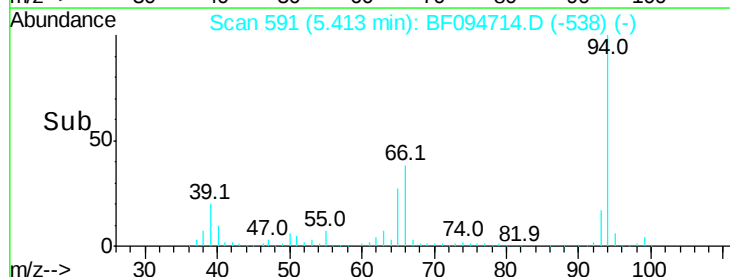
66 38.4 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

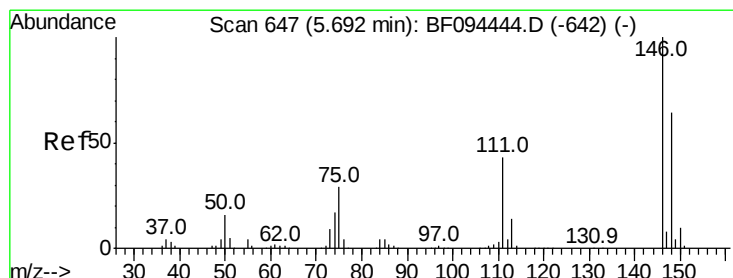
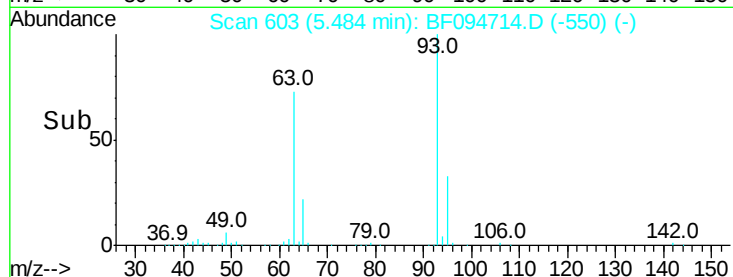
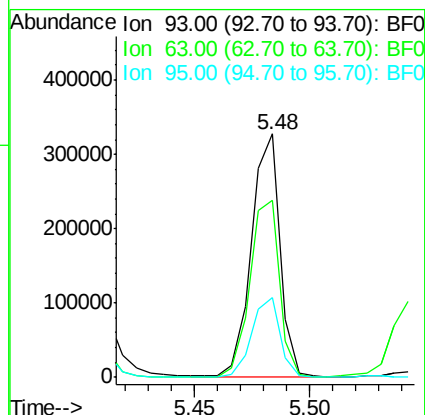
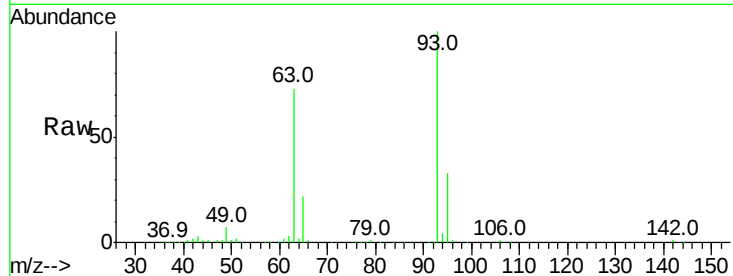




#11
bis(2-Chloroethyl)ether
Concen: 38.92 ng
RT: 5.48 min Scan# 603
Delta R.T. 0.01 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

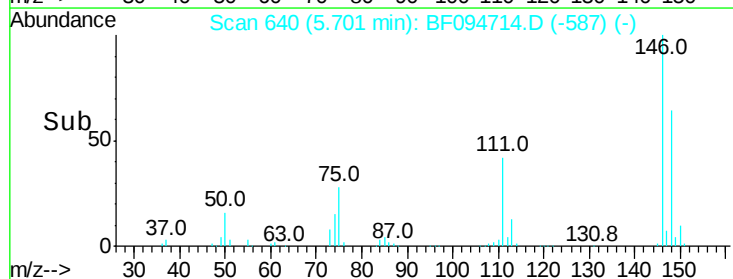
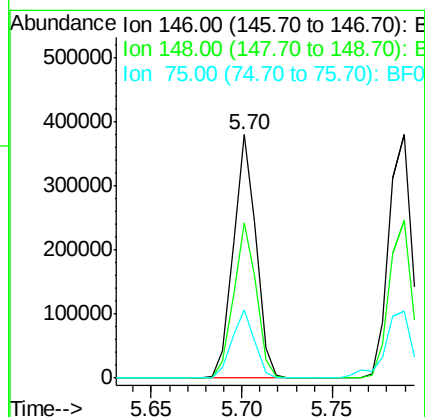
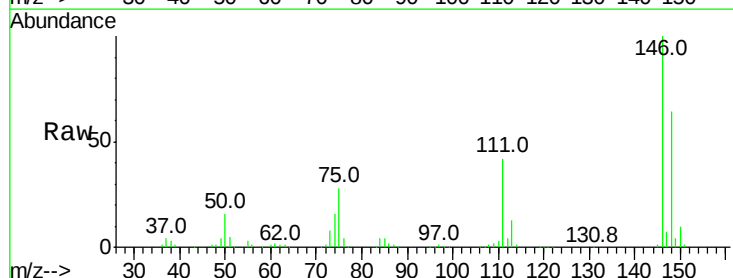
Instrument :
BNA_F
ClientSampleId :

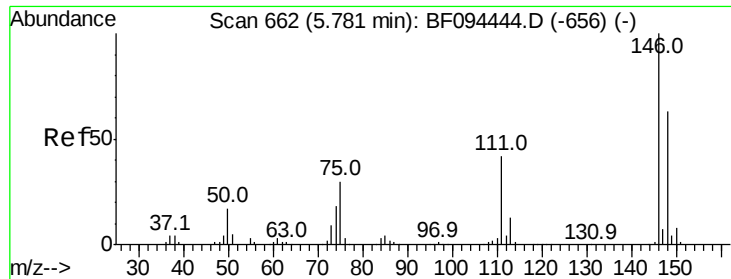
Tot Ion: 93 Resp: 287148
Ion Ratio Lower Upper
93 100
63 72.9 59.2 99.2
95 32.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 37.74 ng
RT: 5.70 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion: 146 Resp: 331809
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.6
75 28.3 23.1 34.7

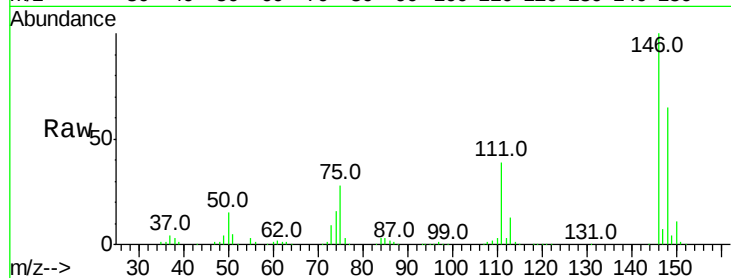




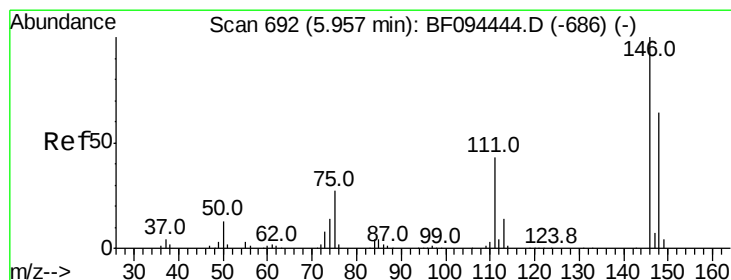
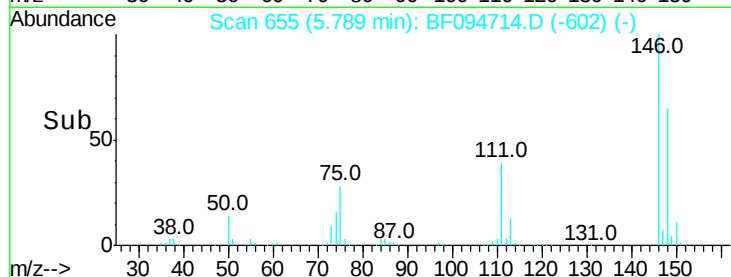
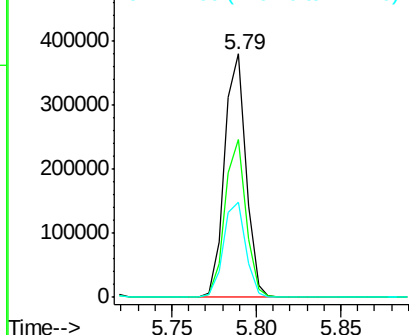
#13
 1,4-Dichlorobenzene
 Concen: 38.14 ng
 RT: 5.79 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 337381
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.2 78.2
 111 39.1 30.3 45.5

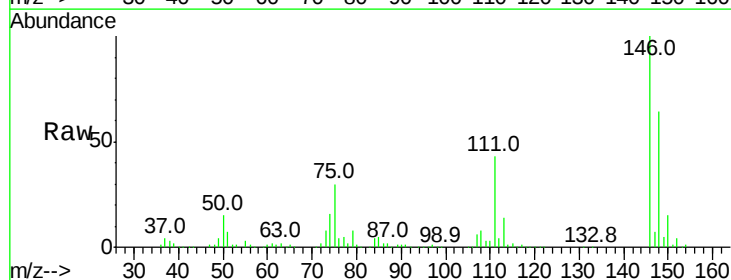


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

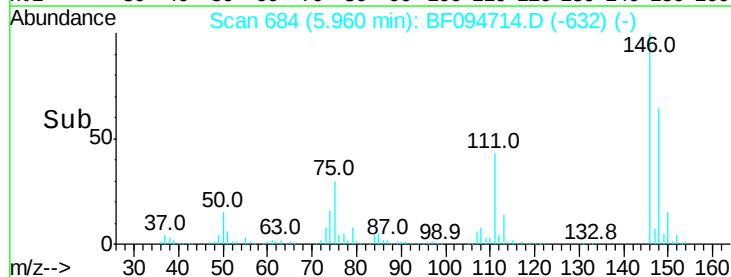
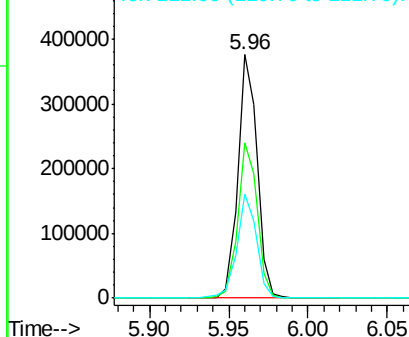


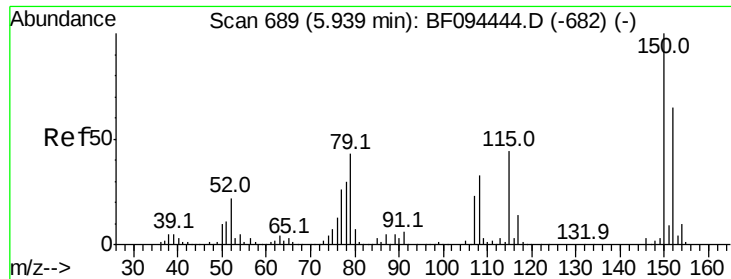
#14
 1,2-Dichlorobenzene
 Concen: 38.85 ng
 RT: 5.96 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion:146 Resp: 316560
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.4 75.6
 111 42.9 38.2 57.4



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

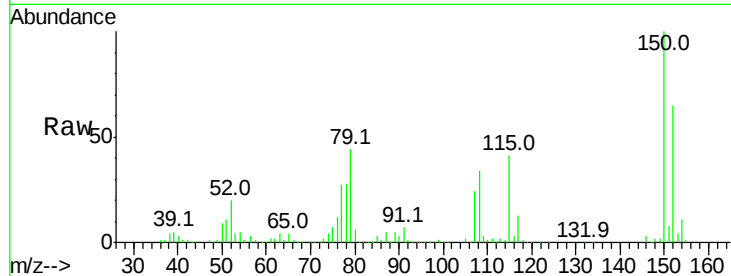




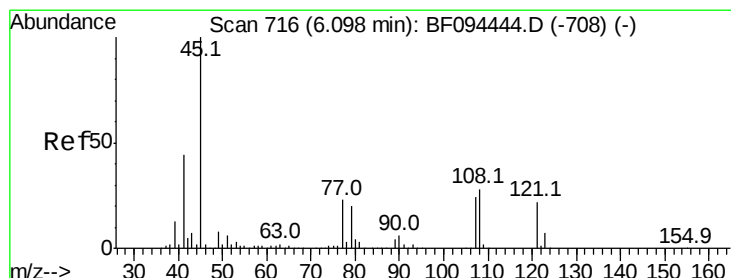
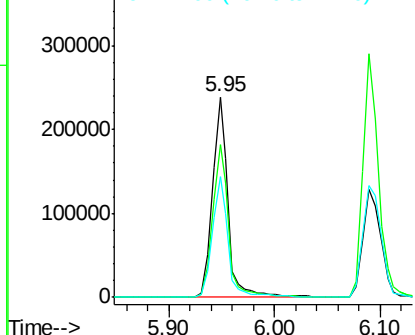
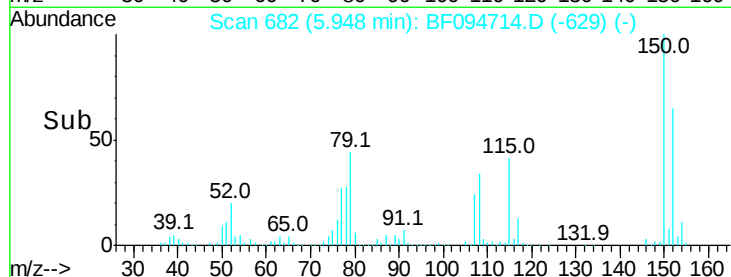
#15
Benzyl Alcohol
Concen: 41.04 ng
RT: 5.95 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 250286
Ion Ratio Lower Upper
79 100
108 76.1 63.4 95.0
77 60.0 49.2 73.8

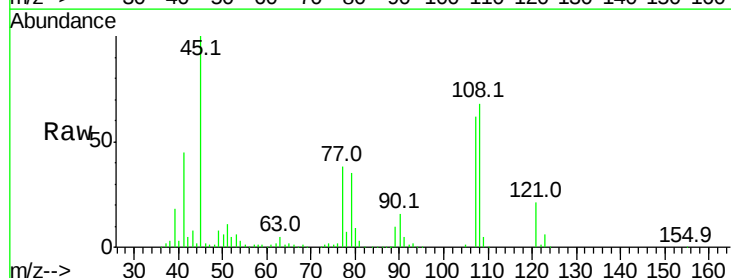


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

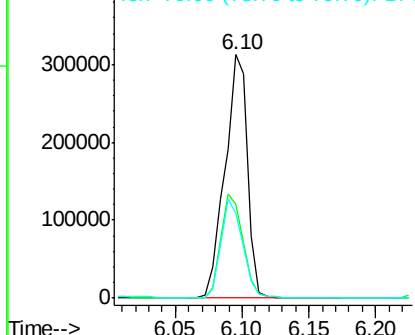
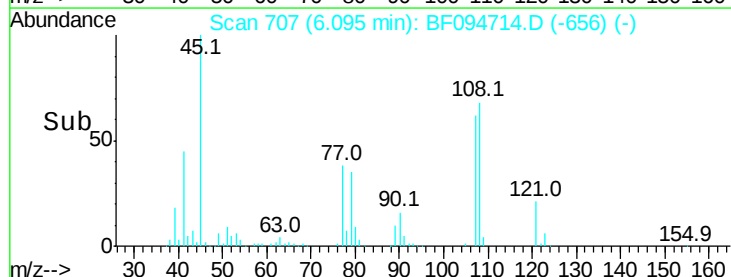


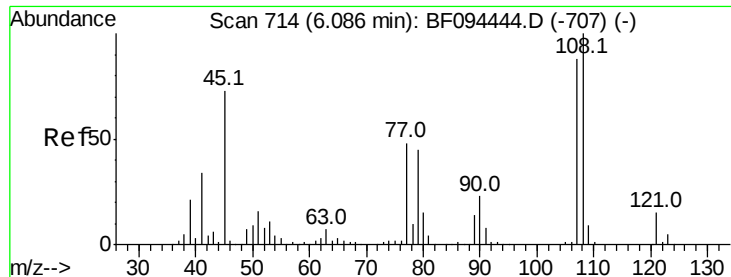
#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.57 ng
RT: 6.10 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion: 45 Resp: 373117
Ion Ratio Lower Upper
45 100
77 38.5 0.0 33.2#
79 34.6 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

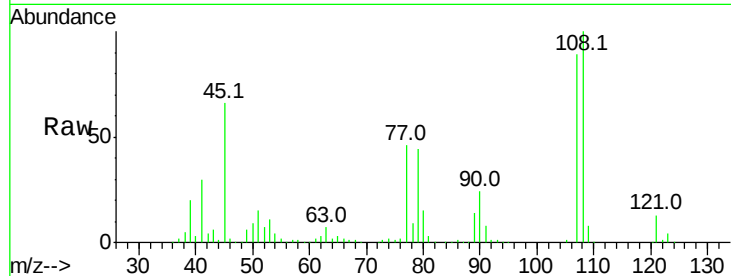




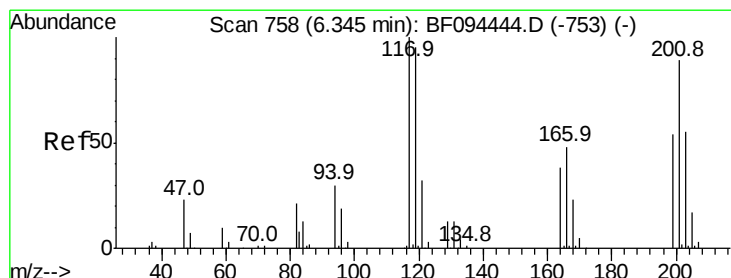
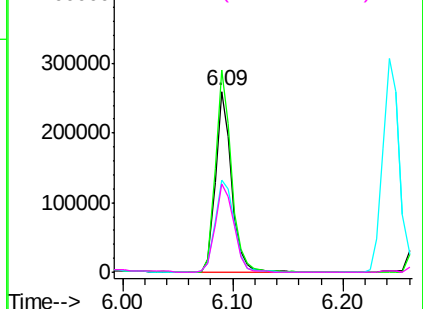
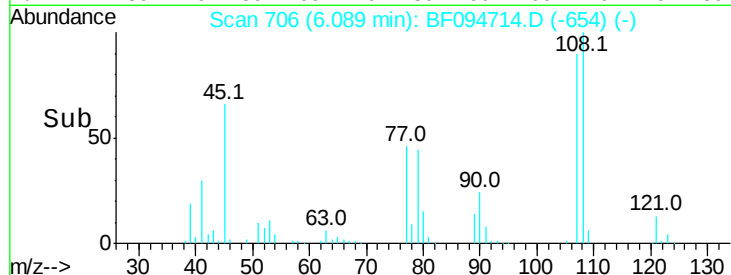
#17
2-Methylphenol
Concen: 41.08 ng
RT: 6.09 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 256712
Ion Ratio Lower Upper
107 100
108 111.8 93.4 140.0
77 51.3 35.8 53.6
79 49.3 34.8 52.2

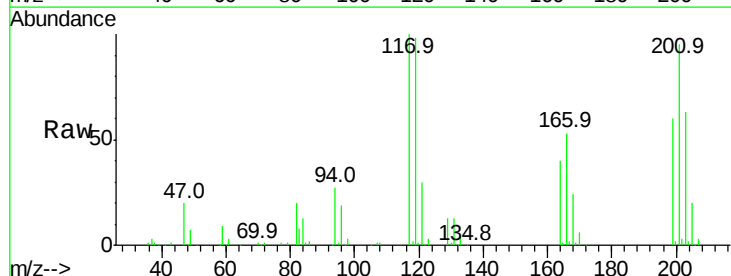


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

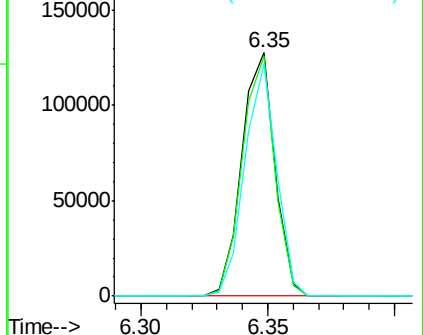
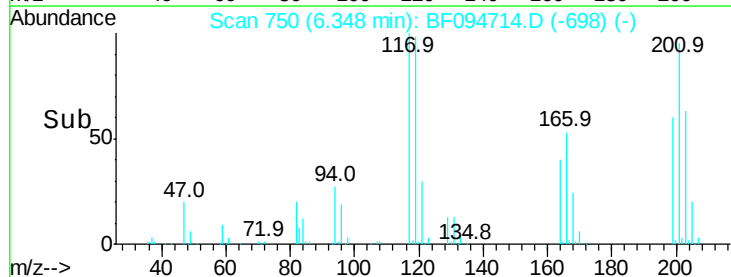


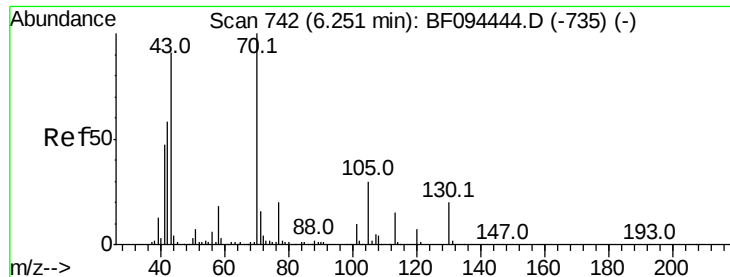
#18
Hexachloroethane
Concen: 38.16 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion:117 Resp: 115692
Ion Ratio Lower Upper
117 100
119 98.3 77.4 116.0
201 95.2 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

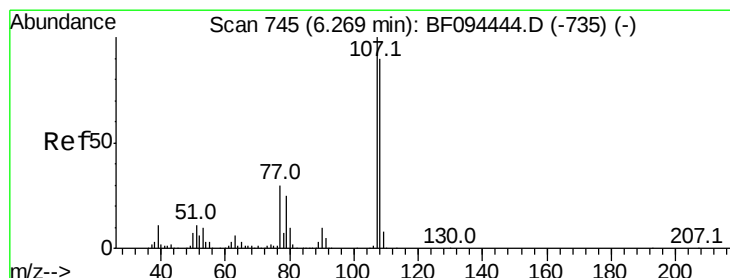
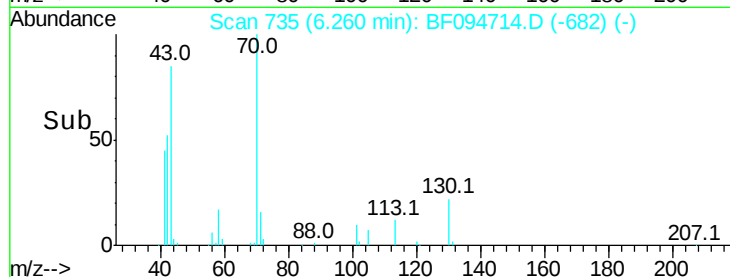
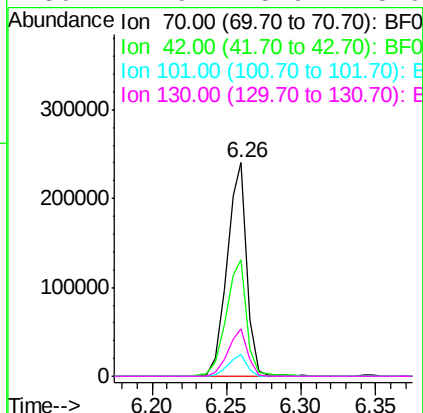
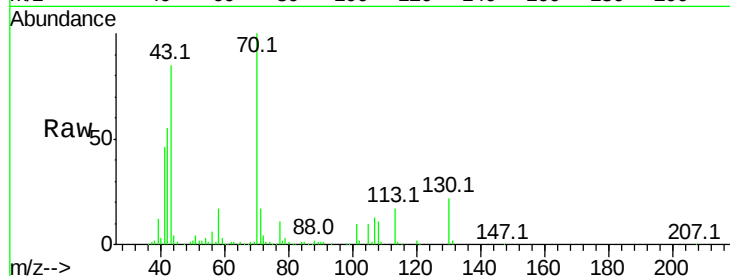




#19
n-Nitroso-di-n-propylamine
Concen: 41.31 ng
RT: 6.26 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

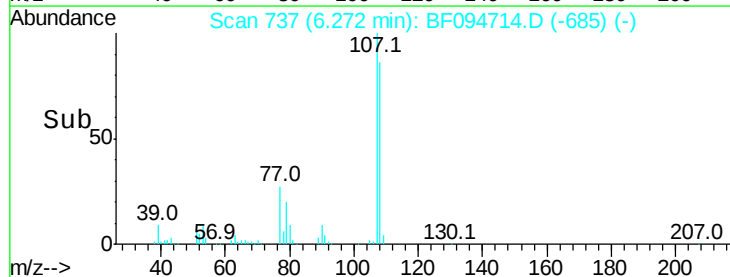
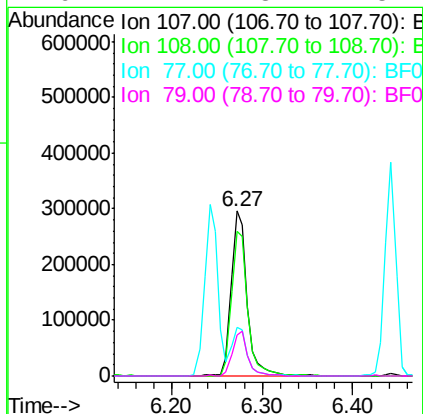
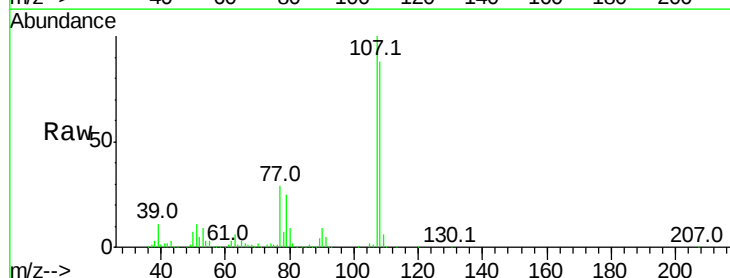
Instrument :
BNA_F
ClientSampleId :

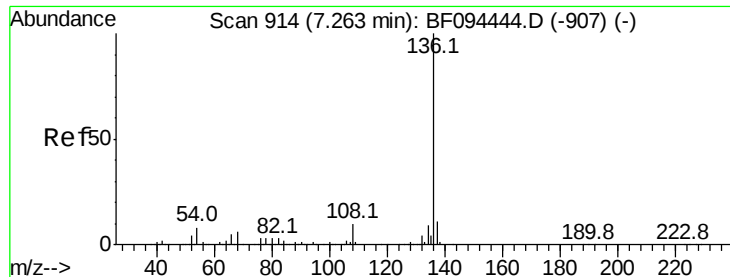
Tot Ion:	70	Resp:	225001
Ion	Ratio	Lower	Upper
70	100		
42	54.6	47.2	70.8
101	10.2	7.2	10.8
130	21.9	15.9	23.9



#20
3+4-Methylphenols
Concen: 42.38 ng
RT: 6.27 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion:	107	Resp:	359886
Ion	Ratio	Lower	Upper
107	100		
108	87.6	71.0	111.0
77	29.3	90.5	130.5#
79	24.7	8.4	48.4

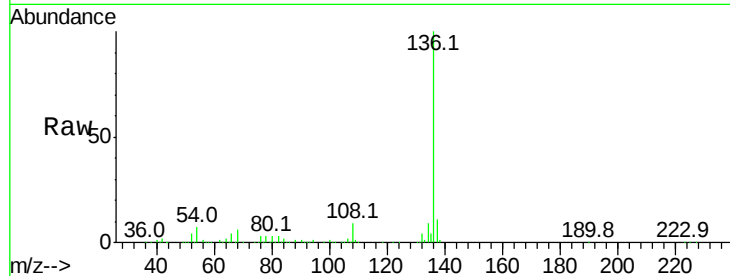




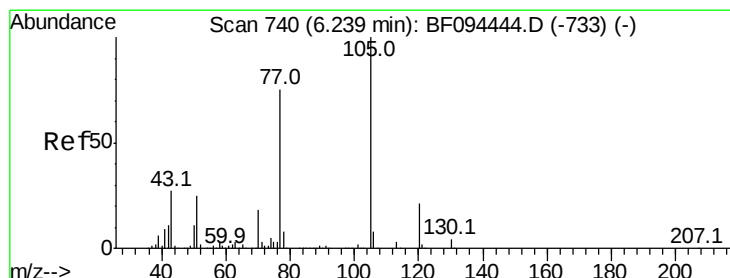
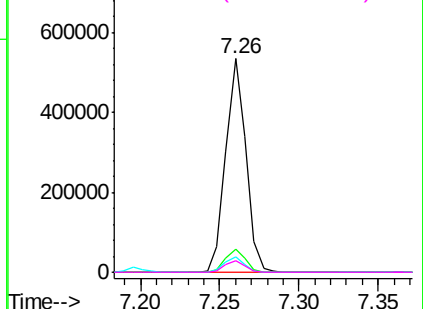
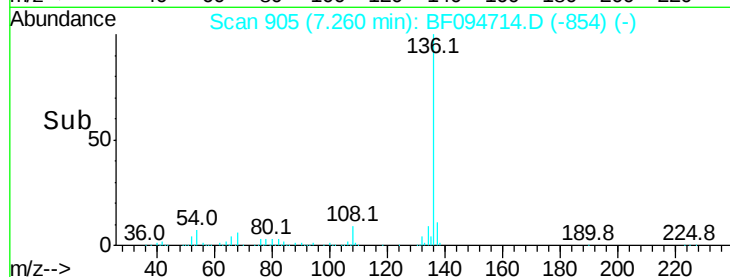
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	472116
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.5	12.7
54 7.0	4.9	7.3
68 5.7	4.1	6.1

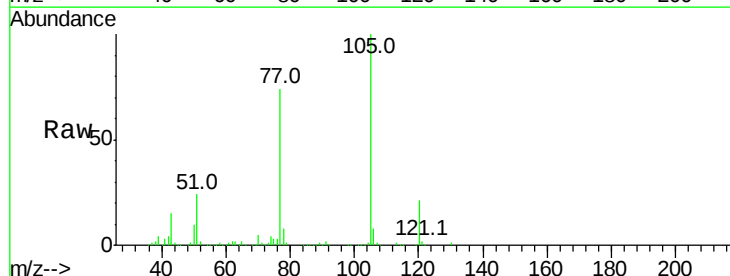


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

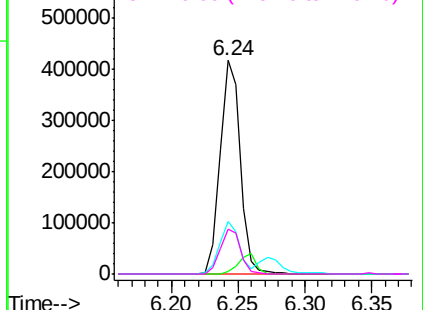
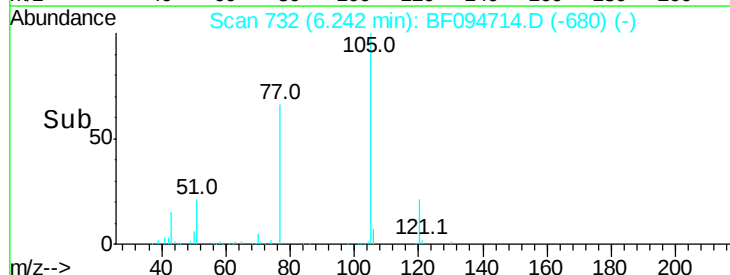


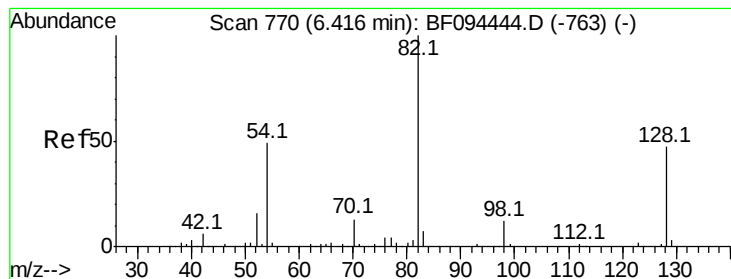
#22
Acetophenone
Concen: 38.98 ng
RT: 6.24 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt	Ion:105	Resp:	447513
Ion	Ratio	Lower	Upper
105	100		
71	1.0	2.8	4.2#
51	24.4	30.7	46.1#
120	21.3	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: 83.12 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

ClientSampleId :

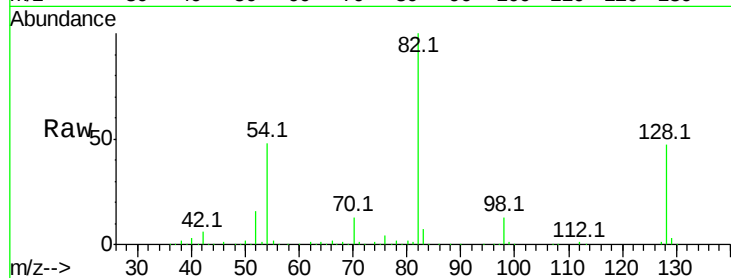
Tot Ion: 82 Resp: 635498

Ion Ratio Lower Upper

82 100

128 46.5 34.0 51.0

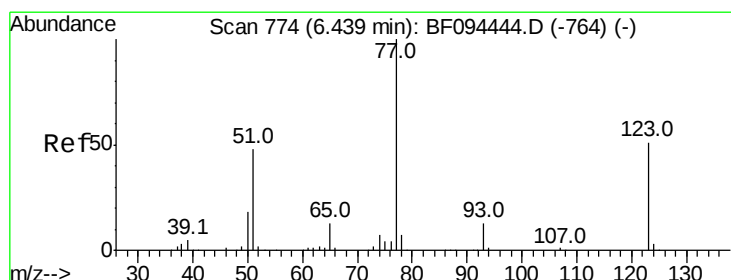
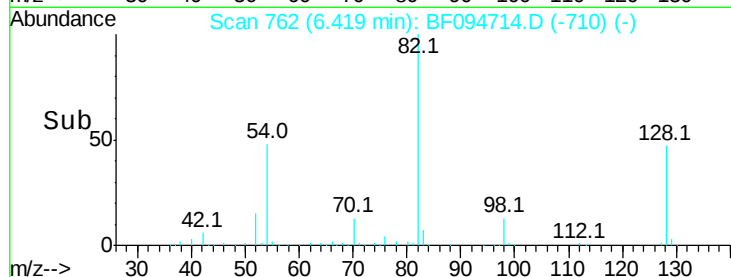
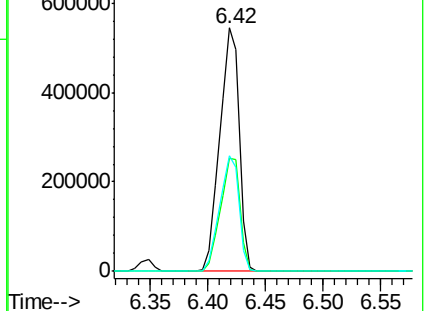
54 47.7 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.14 ng

RT: 6.44 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

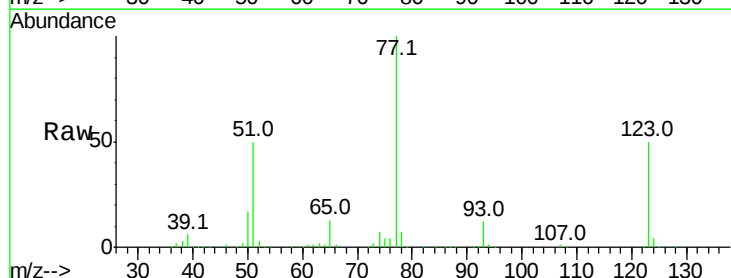
Tgt Ion: 77 Resp: 315149

Ion Ratio Lower Upper

77 100

123 50.4 35.8 53.8

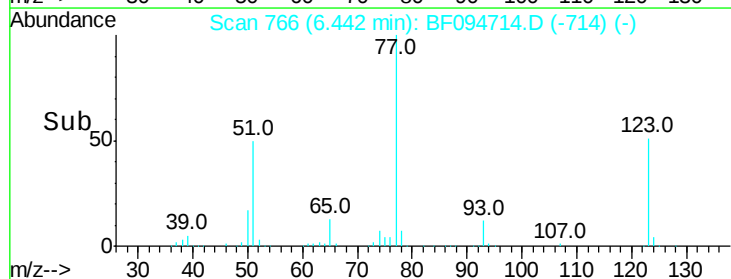
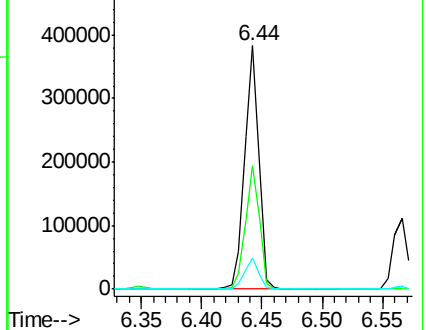
65 12.7 10.6 15.8

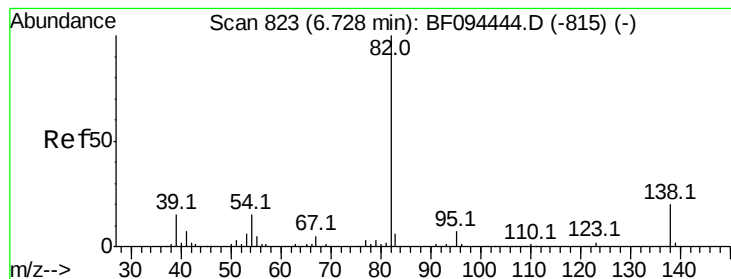


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.98 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

ClientSampleId :

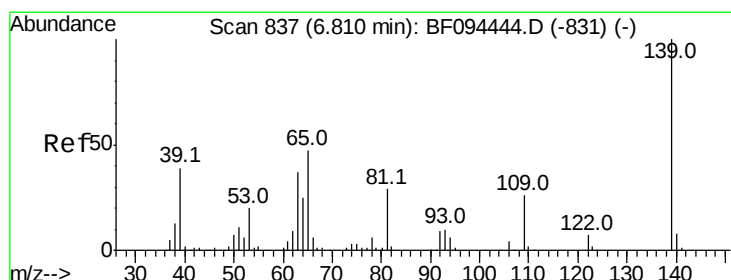
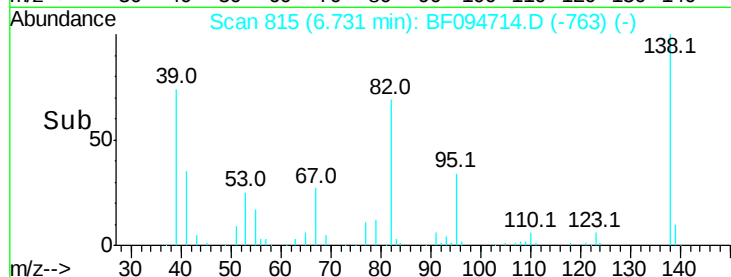
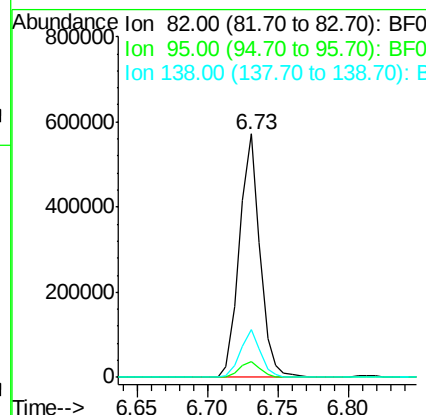
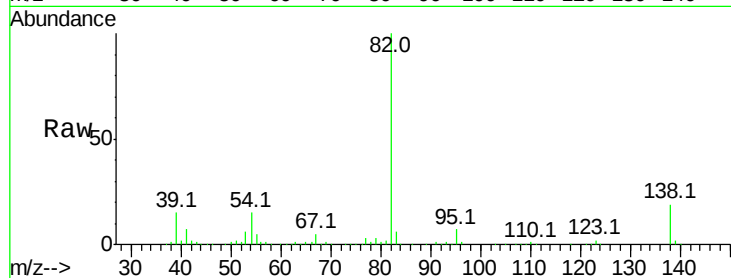
Tot Ion: 82 Resp: 580845

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 19.4 13.1 19.7



#26

2-Nitrophenol

Concen: 41.78 ng

RT: 6.81 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

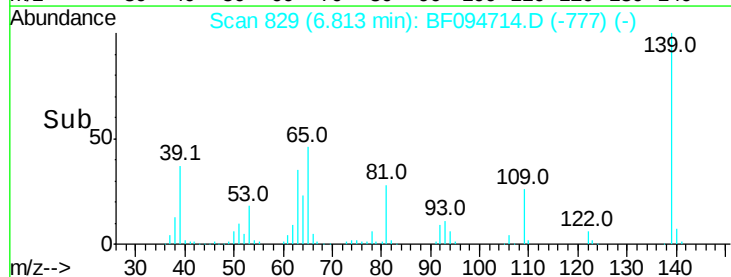
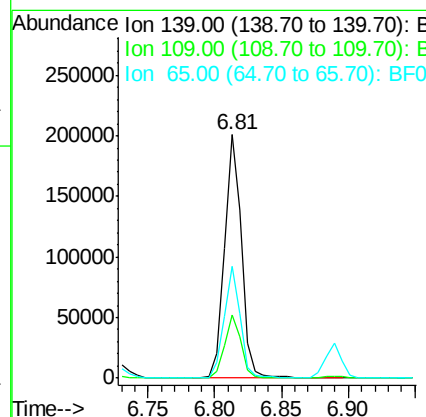
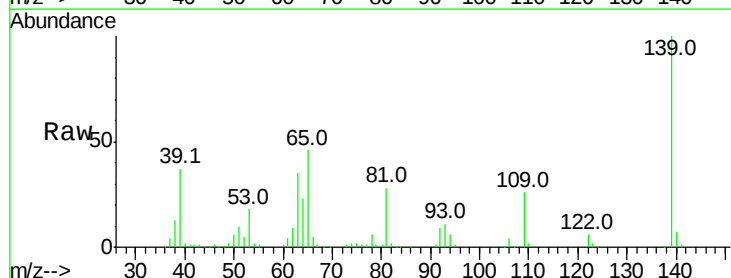
Tgt Ion:139 Resp: 180722

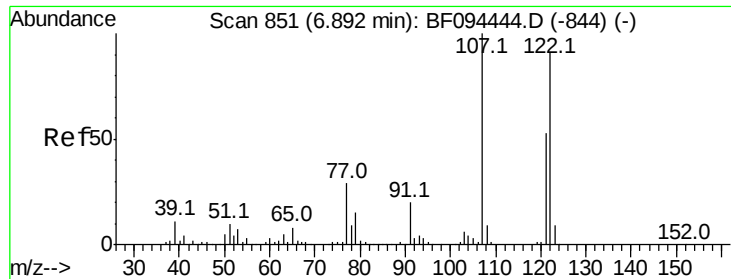
Ion Ratio Lower Upper

139 100

109 26.0 21.0 31.6

65 46.0 33.0 49.6

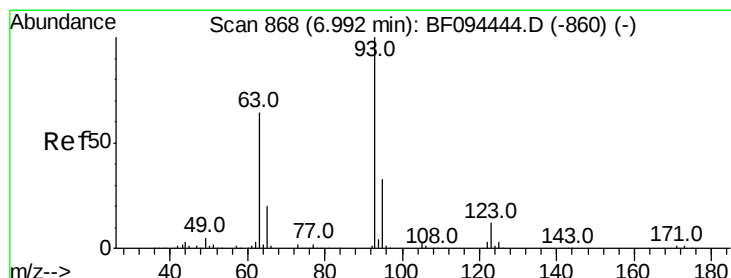
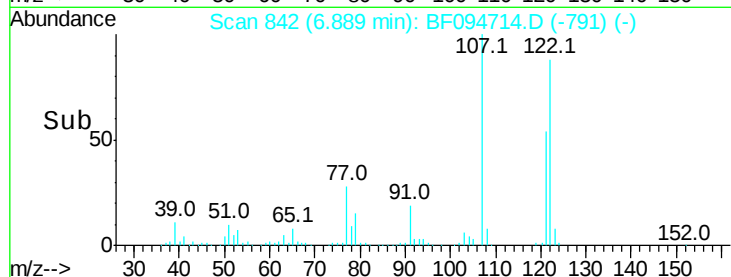
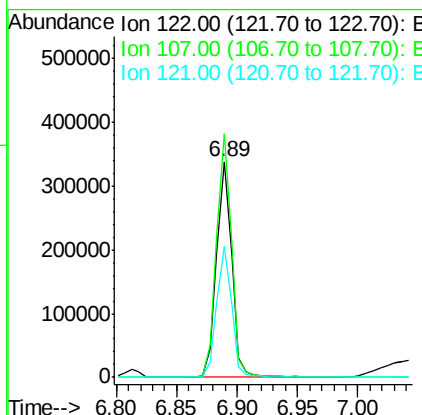
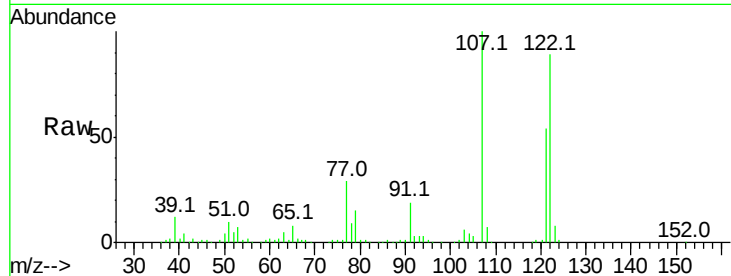




#27
 2,4-Dimethylphenol
 Concen: 41.56 ng
 RT: 6.89 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

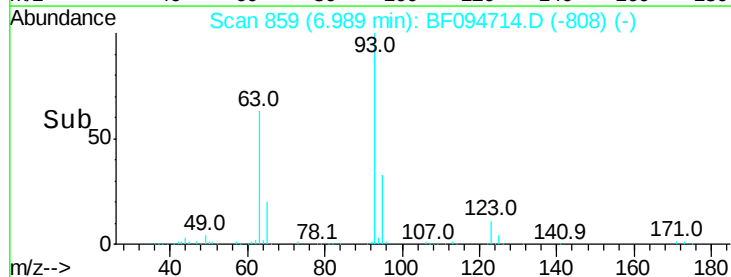
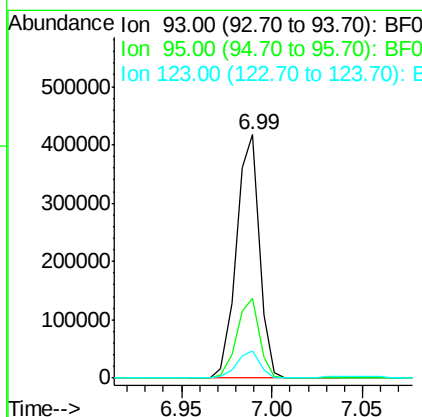
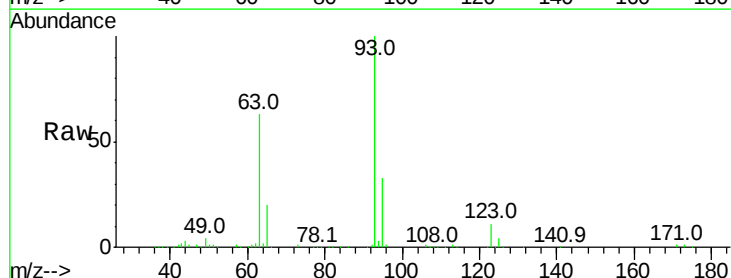
Instrument :
 BNA_F
 ClientSampled :

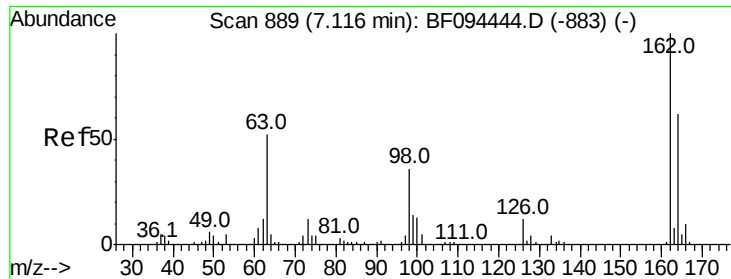
Tot Ion:122 Resp: 292024
 Ion Ratio Lower Upper
 122 100
 107 113.0 89.2 133.8
 121 60.5 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.19 ng
 RT: 6.99 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion: 93 Resp: 368477
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 11.1 9.0 13.4

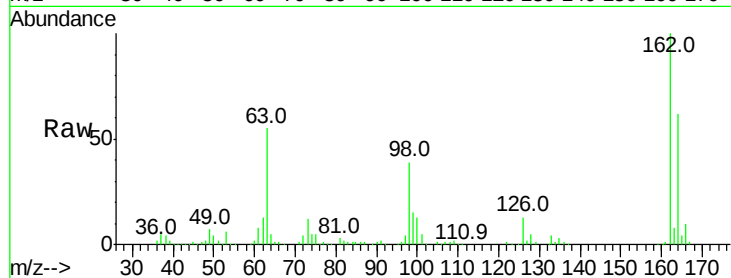




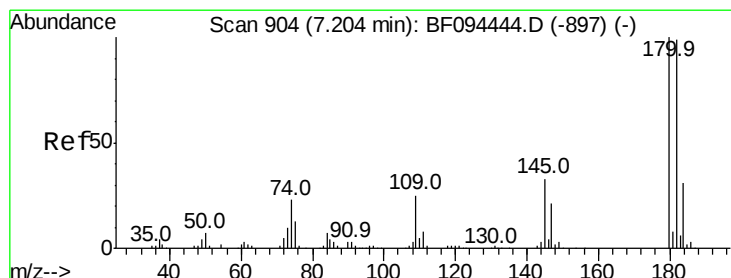
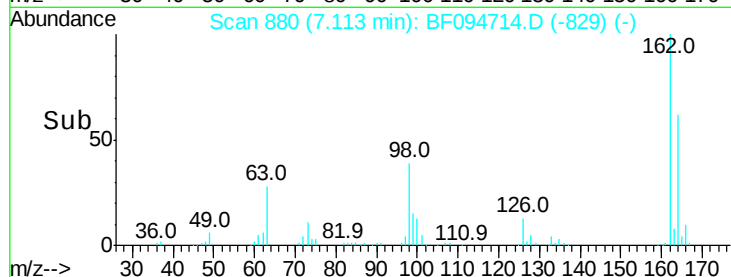
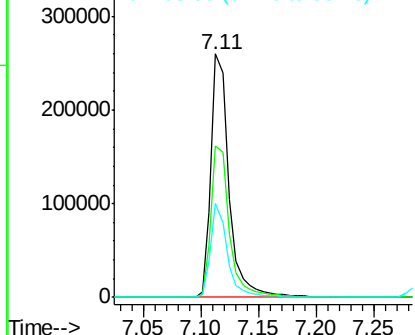
#29
 2,4-Dichlorophenol
 Concen: 43.46 ng
 RT: 7.11 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 284040
 Ion Ratio Lower Upper
 162 100
 164 62.4 44.6 84.6
 98 38.6 14.8 54.8

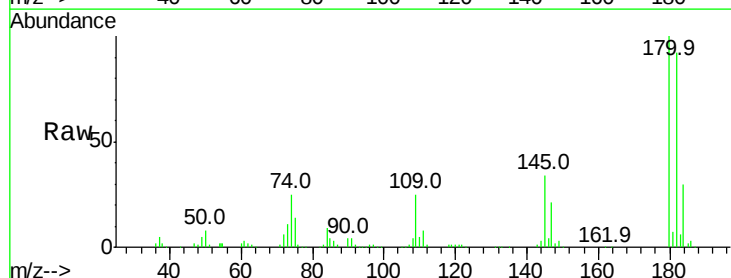


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

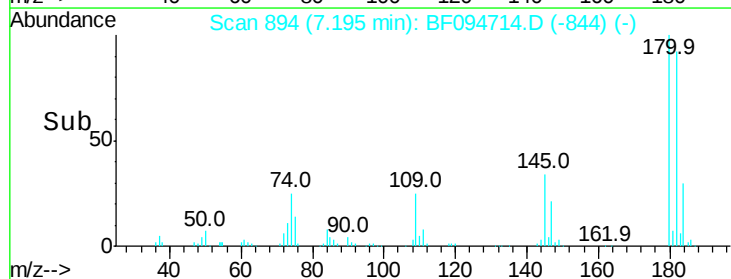
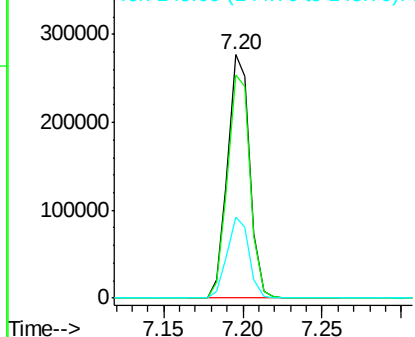


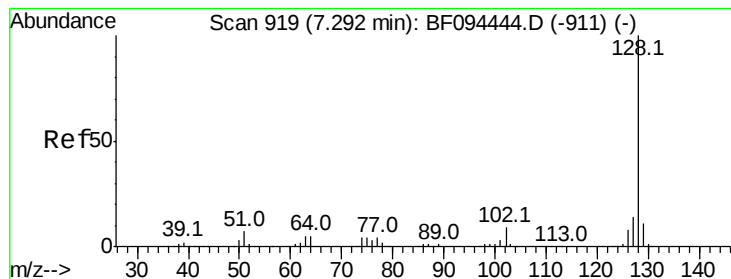
#30
 1,2,4-Trichlorobenzene
 Concen: 39.71 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion:180 Resp: 268354
 Ion Ratio Lower Upper
 180 100
 182 91.7 75.8 113.6
 145 33.5 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: 39.63 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

ClientSampled :

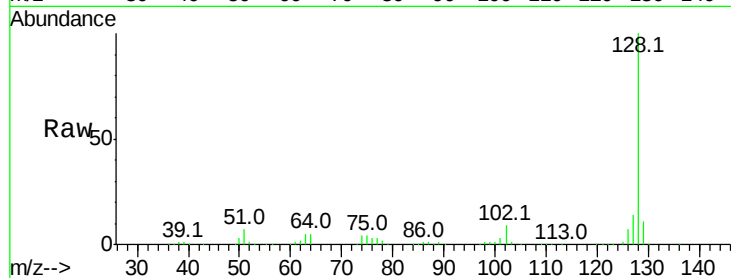
Tot Ion:128 Resp: 899500

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

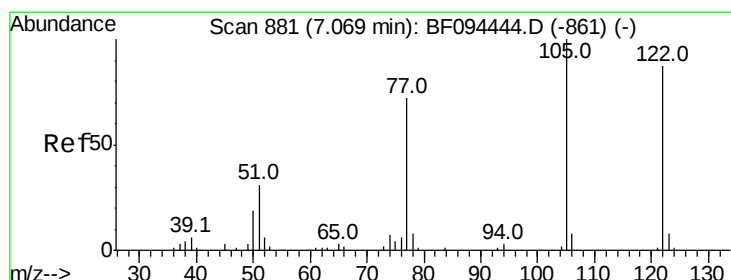
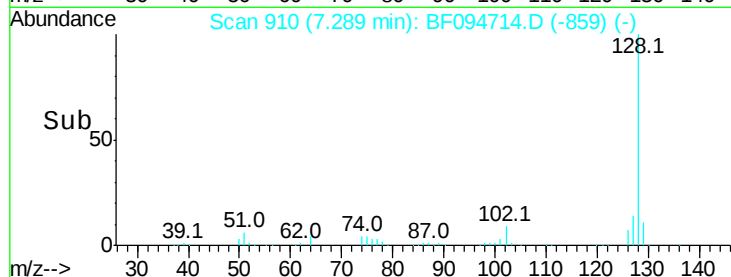
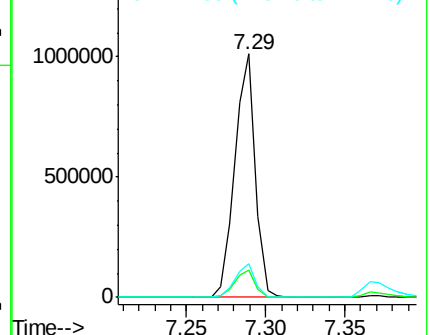
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.26 ng

RT: 7.06 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

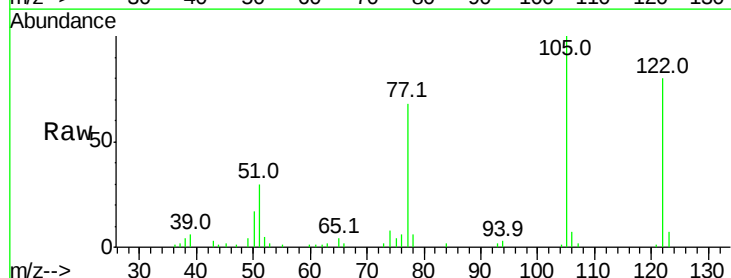
Tgt Ion:122 Resp: 90143

Ion Ratio Lower Upper

122 100

105 125.1 103.3 143.3

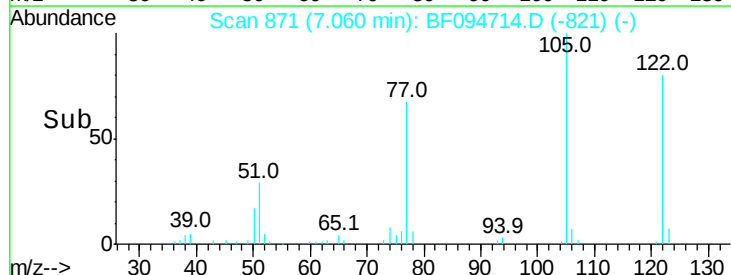
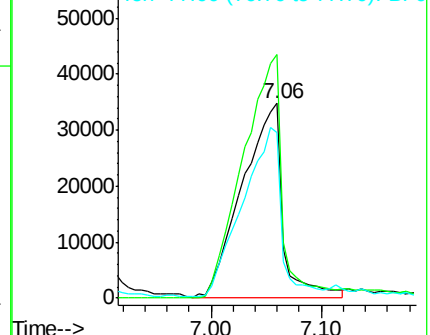
77 84.9 73.7 113.7

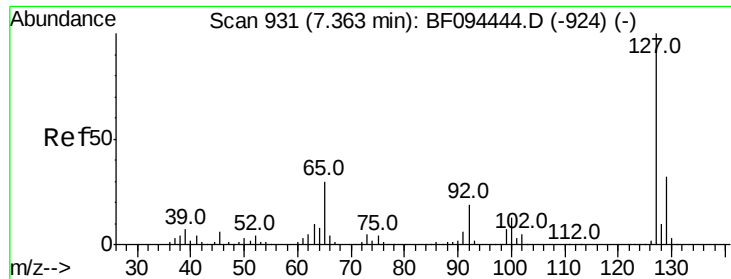


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

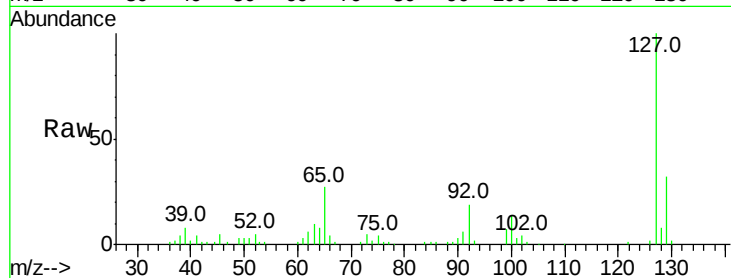




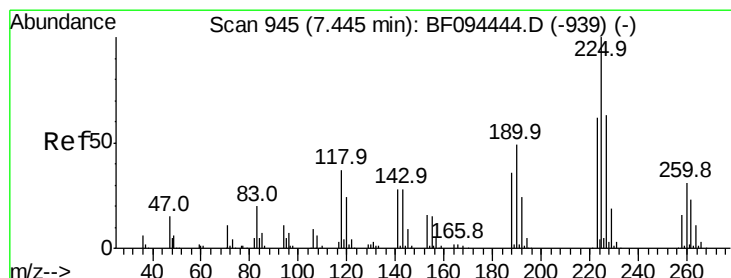
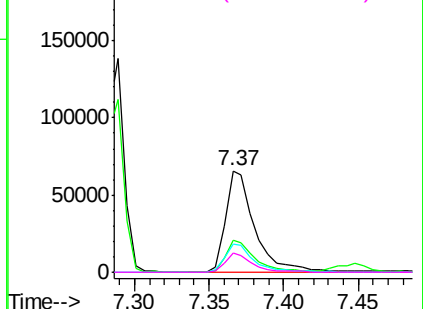
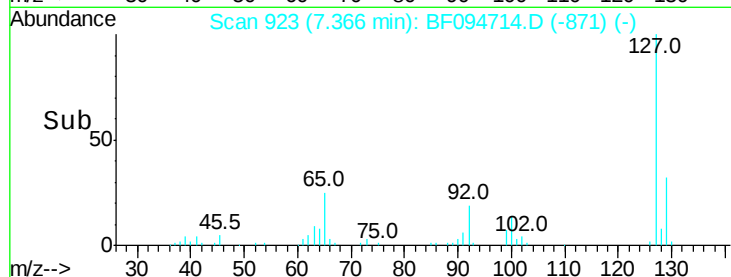
#33
 4-Chloroaniline
 Concen: 9.53 ng
 RT: 7.37 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	89949
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.2
65	27.3	27.8	41.8#
92	19.5	16.8	25.2

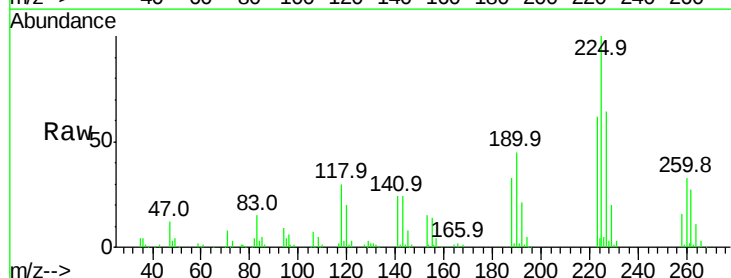


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

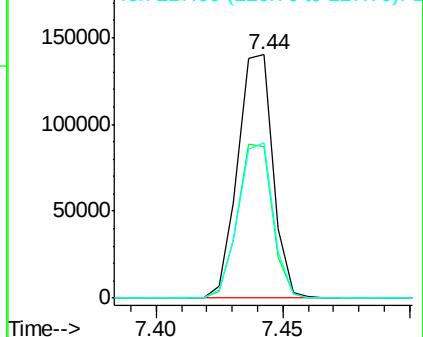
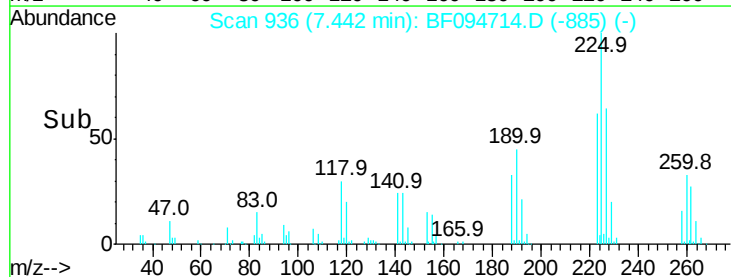


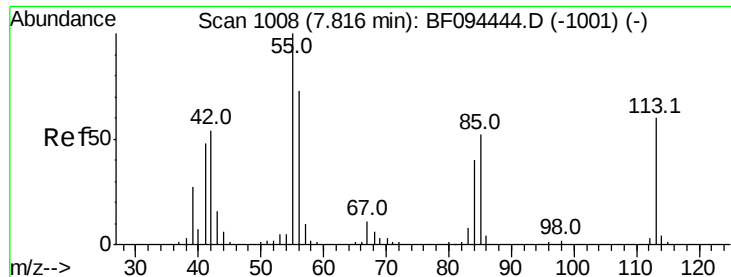
#34
 Hexachlorobutadiene
 Concen: 40.19 ng
 RT: 7.44 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion:	225	Resp:	135399
Ion	Ratio	Lower	Upper
225	100		
223	62.2	48.8	73.2
227	63.6	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

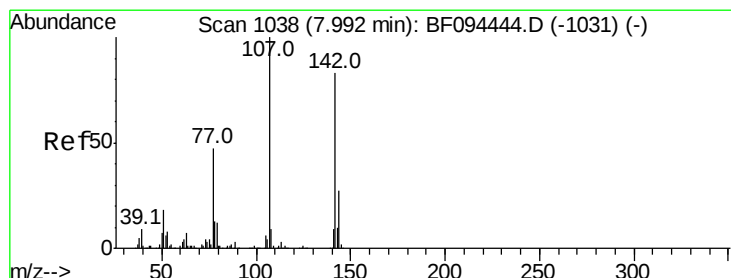
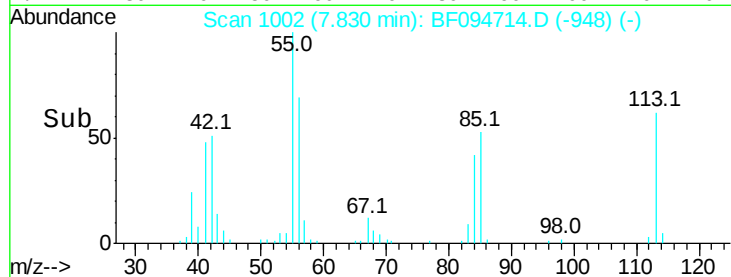
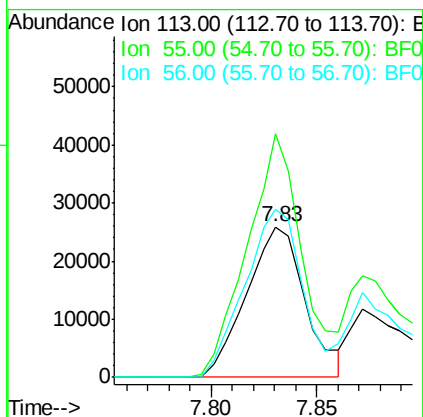
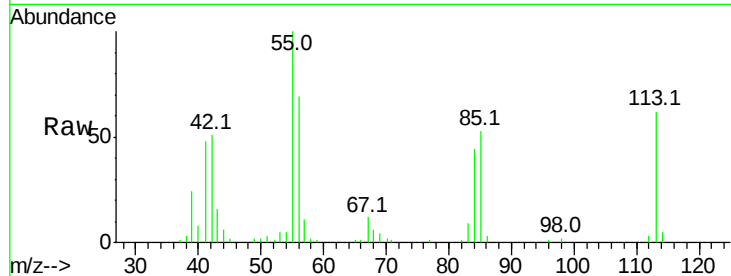




#35
 Caprolactam
 Concen: 24.31 ng
 RT: 7.83 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

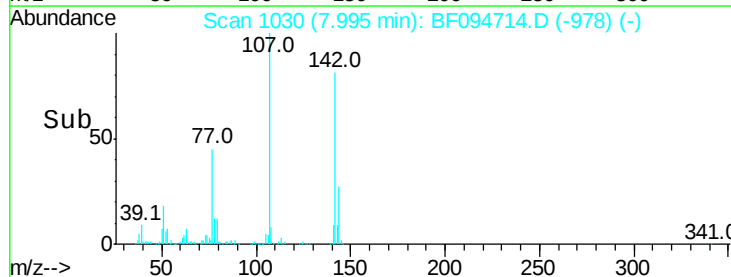
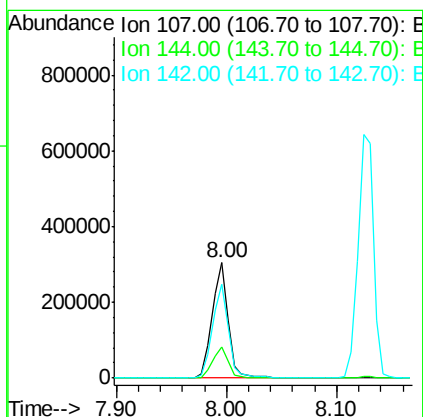
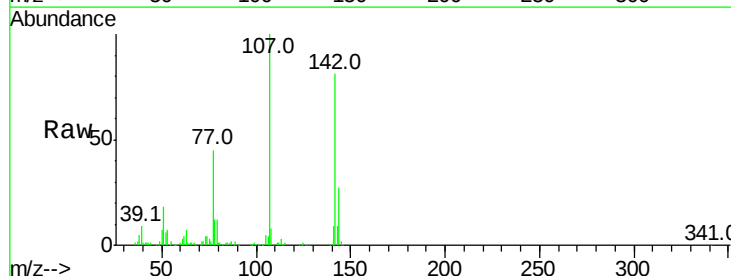
Instrument :
 BNA_F
 ClientSampleId :

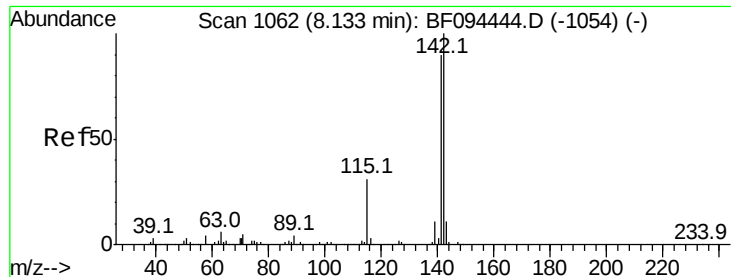
Tot Ion:113 Resp: 49920
 Ion Ratio Lower Upper
 113 100
 55 161.7 150.2 190.2
 56 111.3 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 44.21 ng
 RT: 8.00 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion:107 Resp: 302859
 Ion Ratio Lower Upper
 107 100
 144 26.5 24.2 36.4
 142 81.2 73.4 110.0





#37

2-Methylnaphthalene

Concen: 41.32 ng

RT: 8.12 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

ClientSampleId :

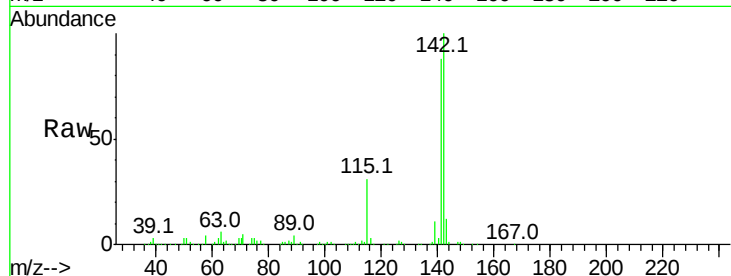
Tot Ion:142 Resp: 641589

Ion Ratio Lower Upper

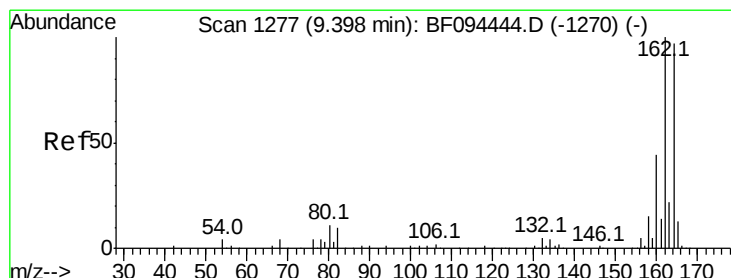
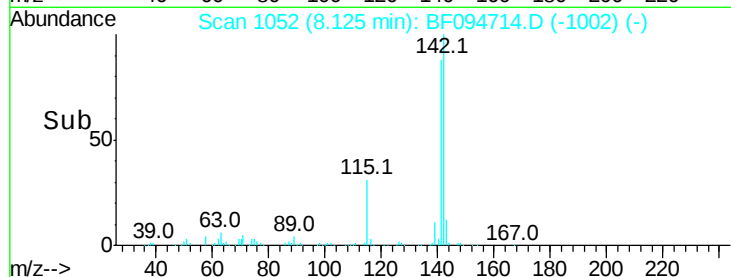
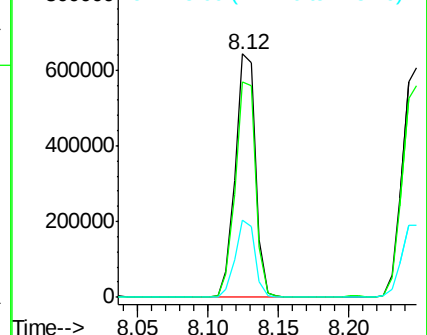
142 100

141 88.2 71.3 106.9

115 31.5 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

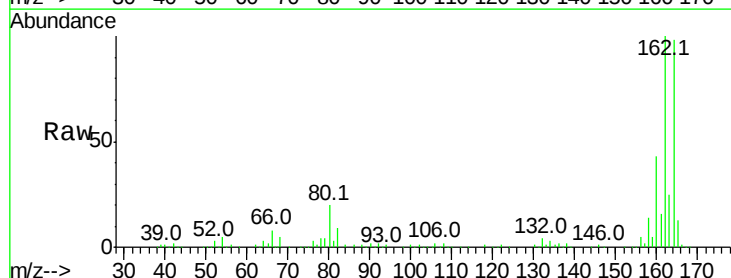
Tgt Ion:164 Resp: 227784

Ion Ratio Lower Upper

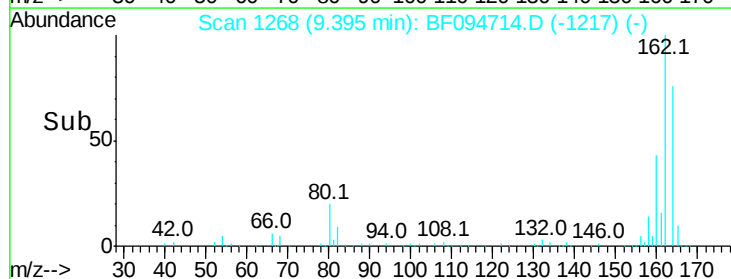
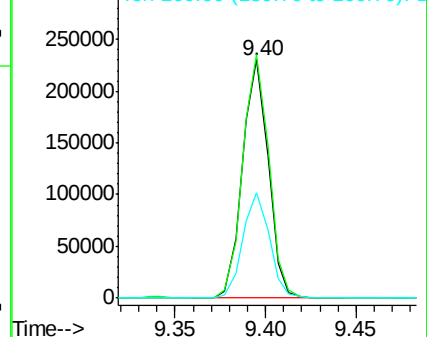
164 100

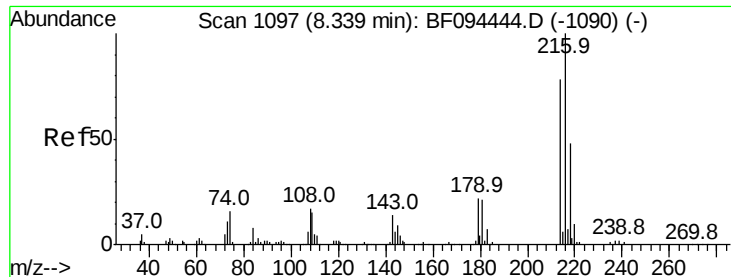
162 102.3 82.6 123.8

160 44.1 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

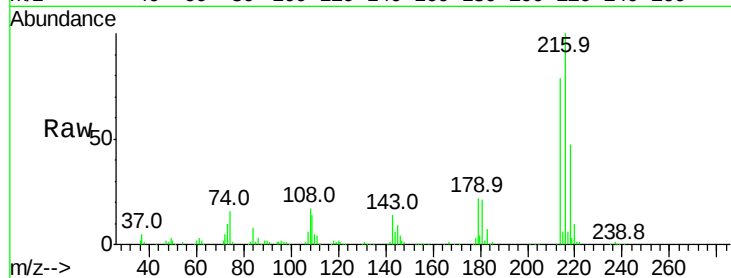




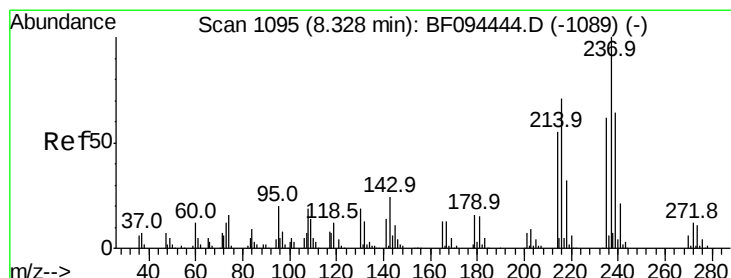
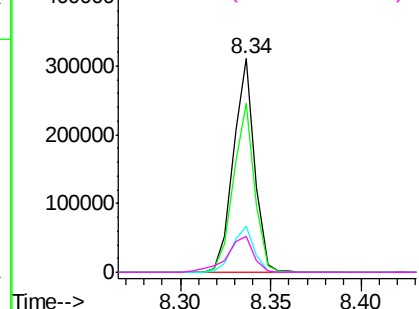
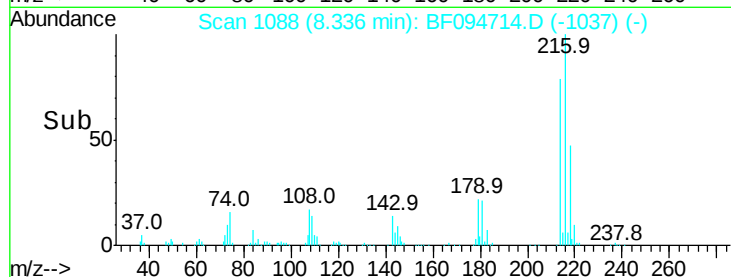
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.91 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	252361
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.4	95.2
179	22.2	17.9	26.9
108	20.5	16.5	24.7

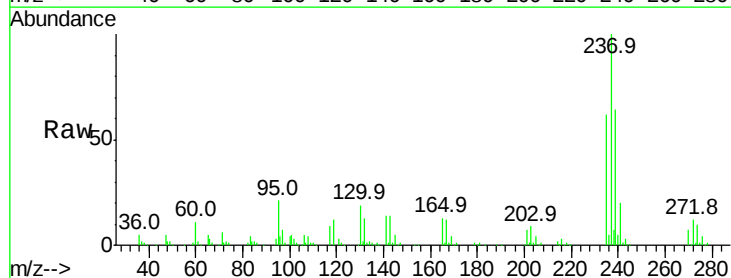


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

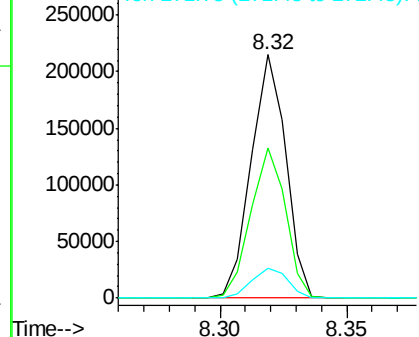
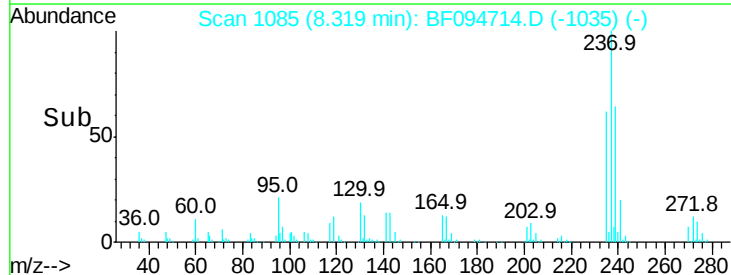


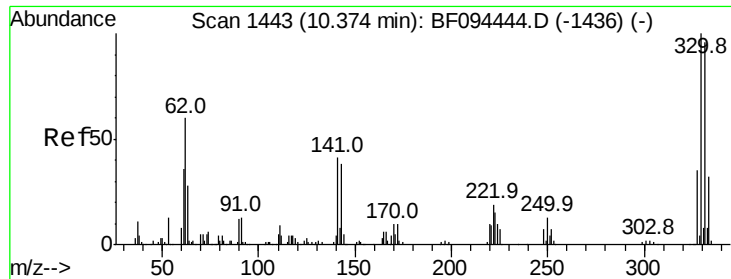
#40
 Hexachlorocyclopentadiene
 Concen: 78.47 ng
 RT: 8.32 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion:	237	Resp:	205905
Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.6	82.6
272	12.5	0.0	31.9



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

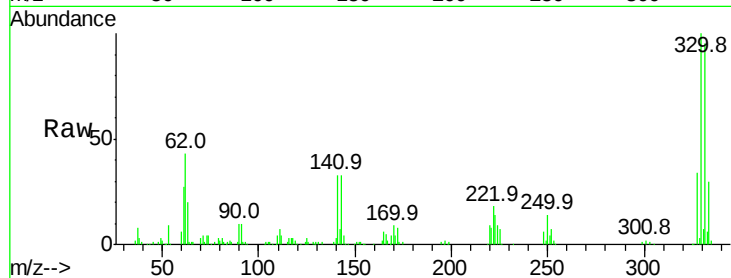




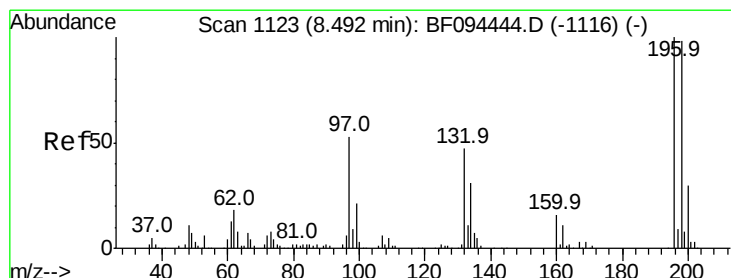
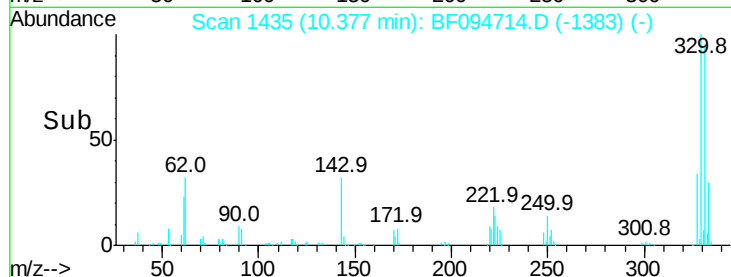
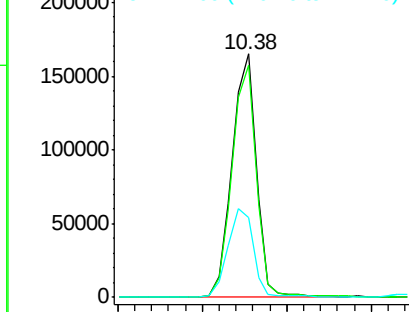
#41
 2,4,6-Tribromophenol
 Concen: 93.00 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	38.5	31.4	47.2

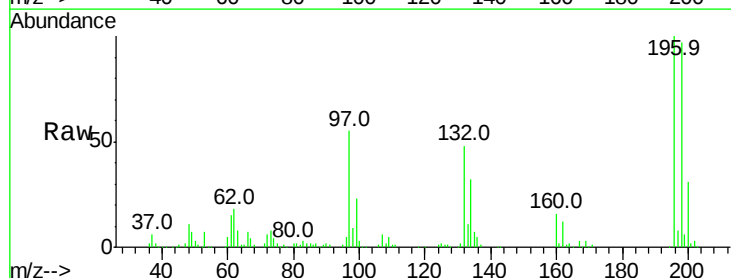


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

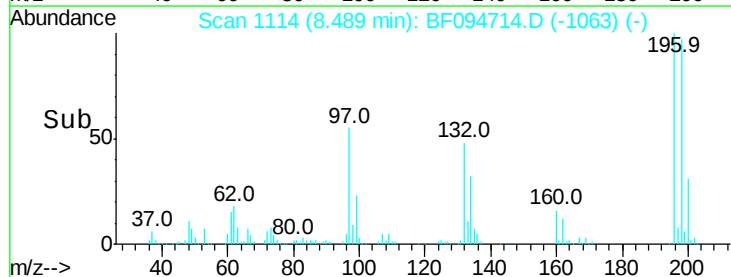
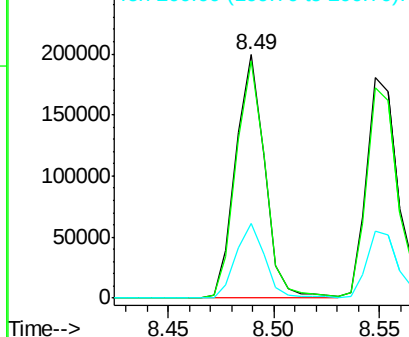


#42
 2,4,6-Trichlorophenol
 Concen: 41.86 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	74.2	111.4
200	30.6	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

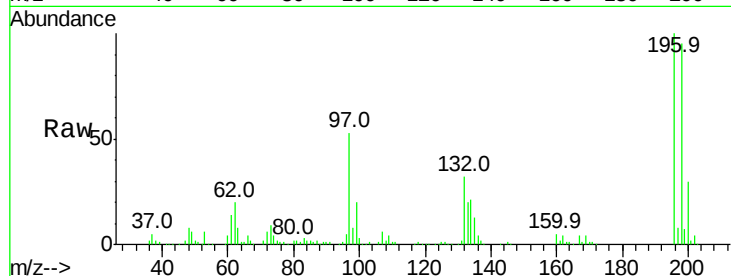




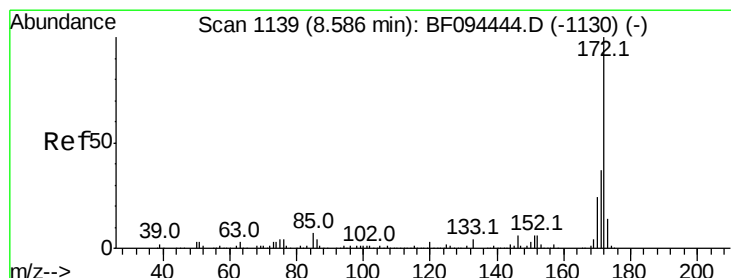
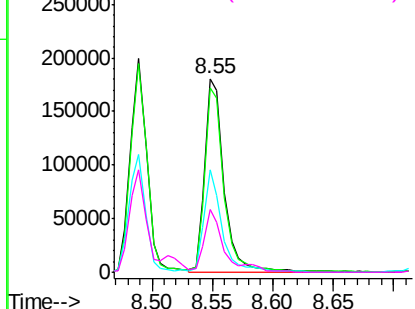
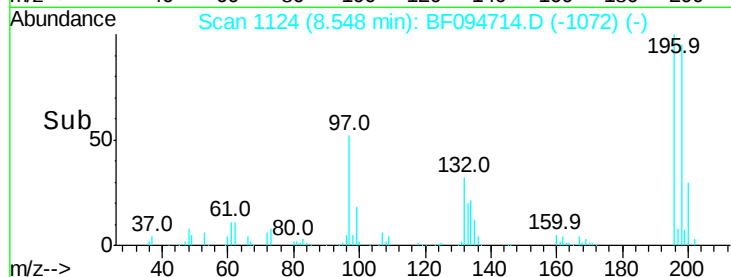
#43
 2,4,5-Trichlorophenol
 Concen: 42.66 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 199554
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.7 113.5
 97 52.7 47.7 71.5
 132 32.1 28.0 42.0

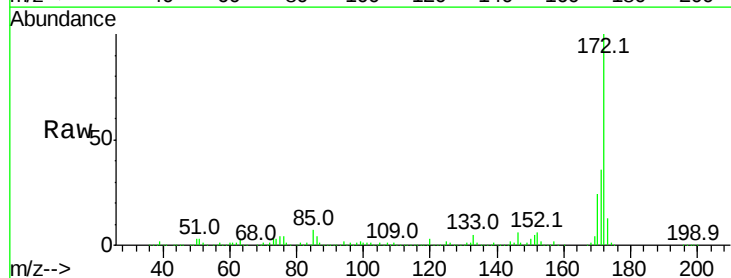


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

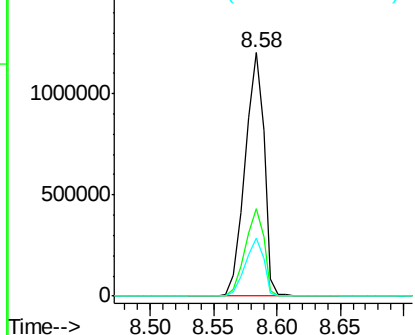
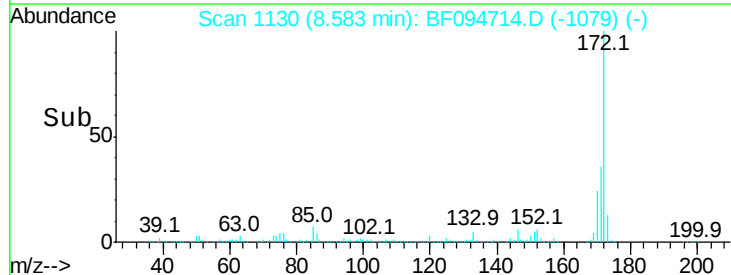


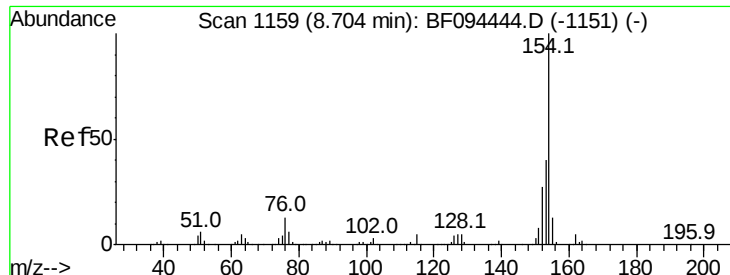
#44
 2-Fluorobiphenyl
 Concen: 80.77 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion:172 Resp: 1250393
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.9 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: 40.13 ng

RT: 8.70 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

ClientSampled :

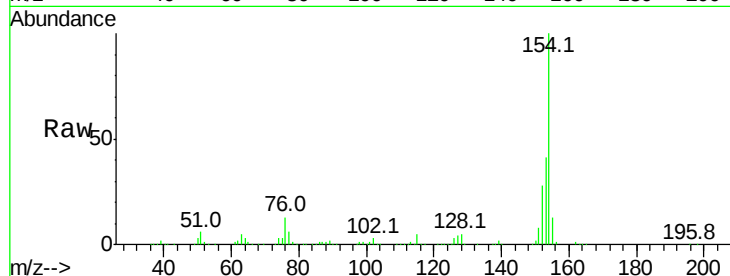
Tot Ion:154 Resp: 746802

Ion Ratio Lower Upper

154 100

153 40.7 21.2 61.2

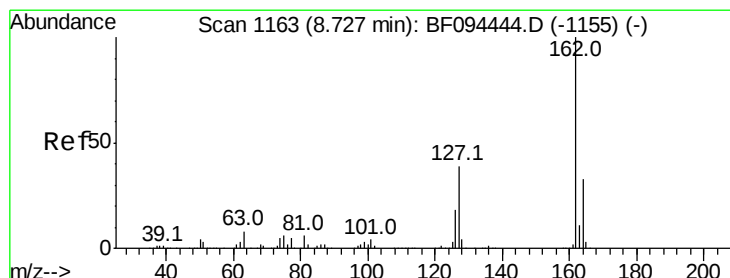
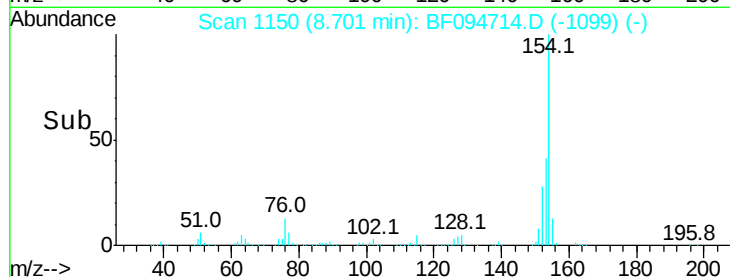
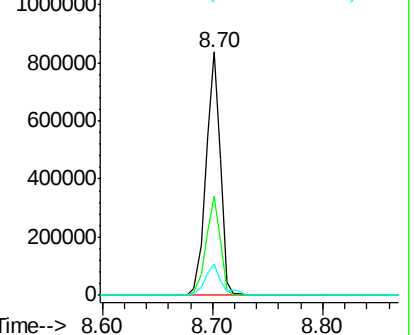
76 13.0 0.0 29.9



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: 39.92 ng

RT: 8.72 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

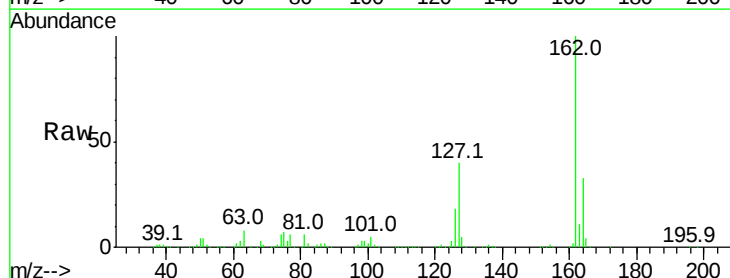
Tgt Ion:162 Resp: 590813

Ion Ratio Lower Upper

162 100

127 40.2 28.3 42.5

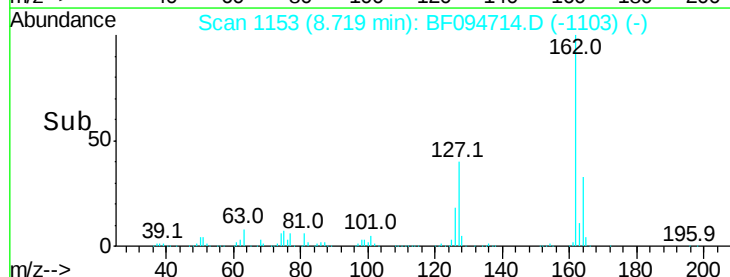
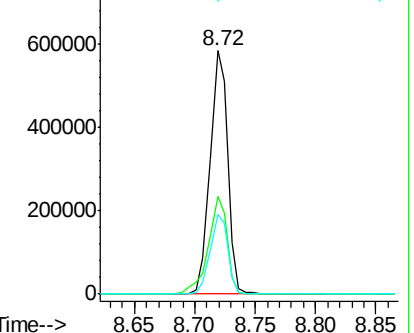
164 32.8 27.0 40.4

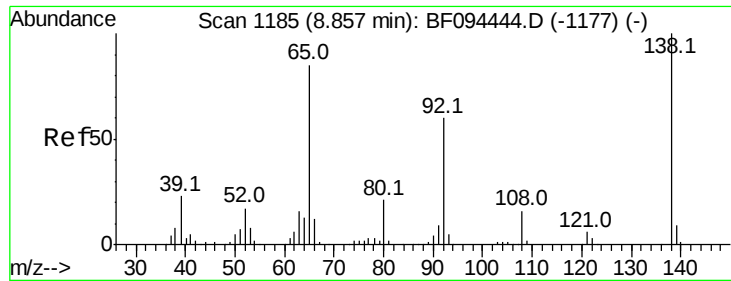


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

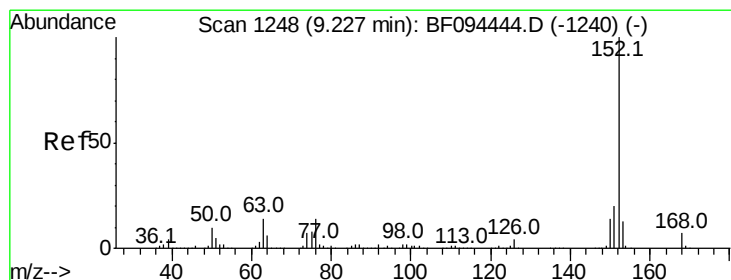
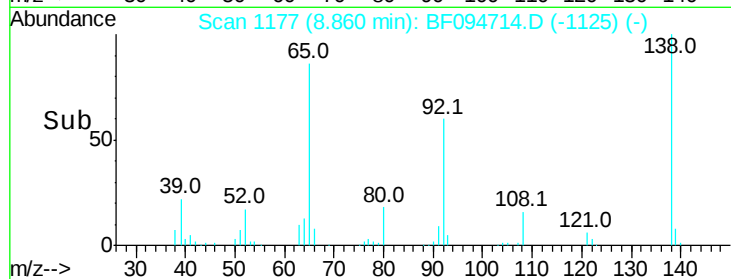
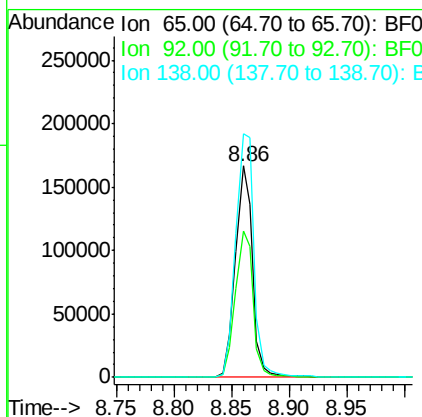
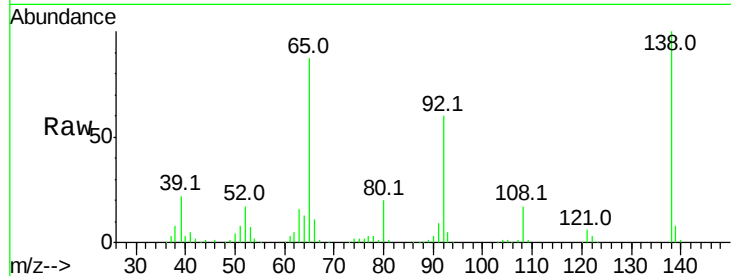




#47
2-Nitroaniline
Concen: 40.69 ng
RT: 8.86 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

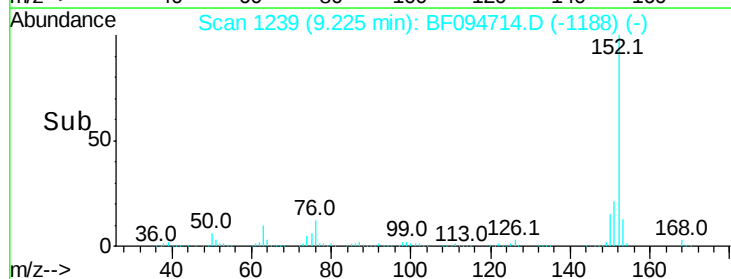
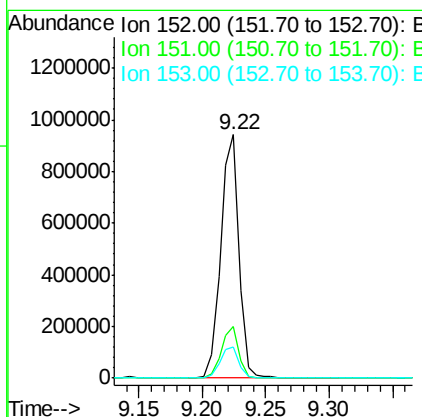
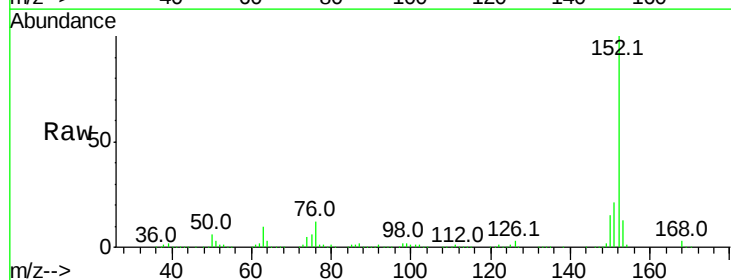
Instrument :
BNA_F
ClientSampleId :

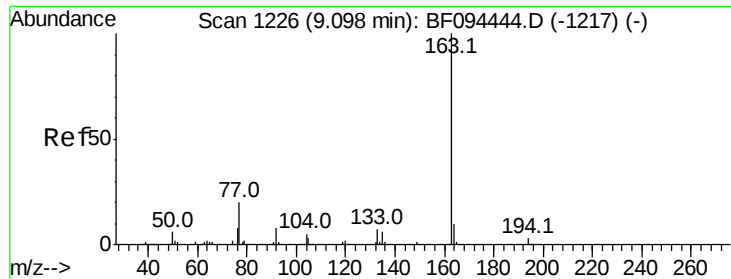
Tot Ion: 65 Resp: 173220
Ion Ratio Lower Upper
65 100
92 69.1 53.9 80.9
138 115.2 78.8 118.2



#48
Acenaphthylene
Concen: 40.81 ng
RT: 9.22 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion:152 Resp: 941402
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2
153 13.0 10.8 16.2

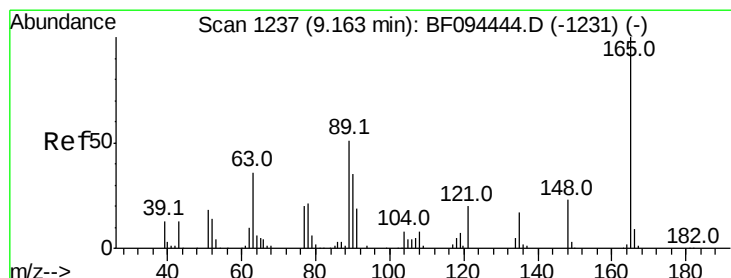
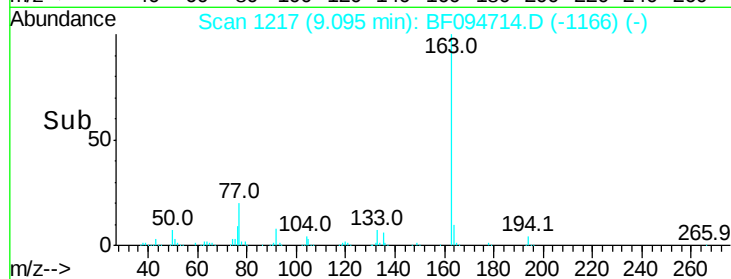
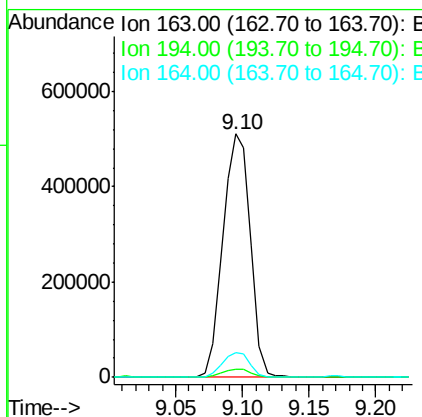
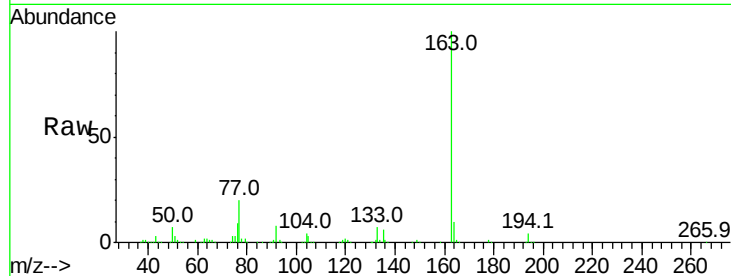




#49
Dimethylphthalate
Concen: 43.59 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

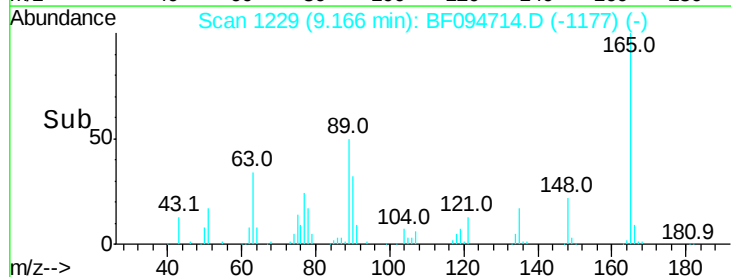
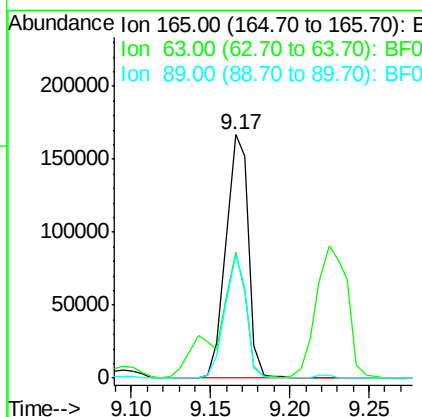
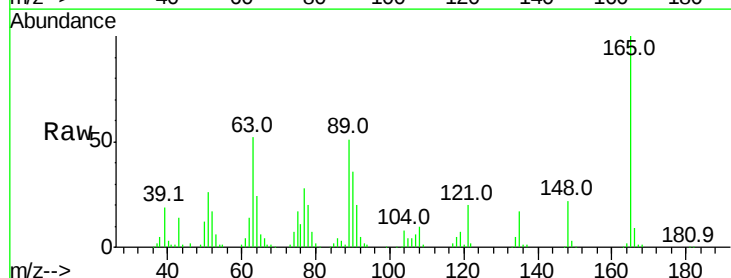
Instrument :
BNA_F
ClientSampleId :

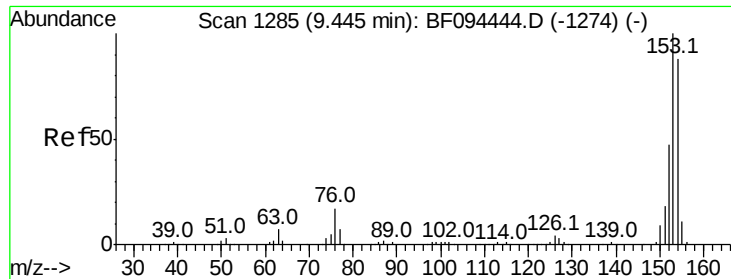
Tot Ion:163 Resp: 740022
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.2 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 42.90 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion:165 Resp: 163456
Ion Ratio Lower Upper
165 100
63 51.7 34.3 51.5#
89 50.9 37.1 55.7

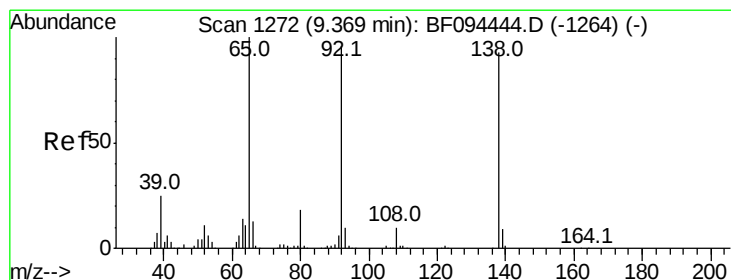
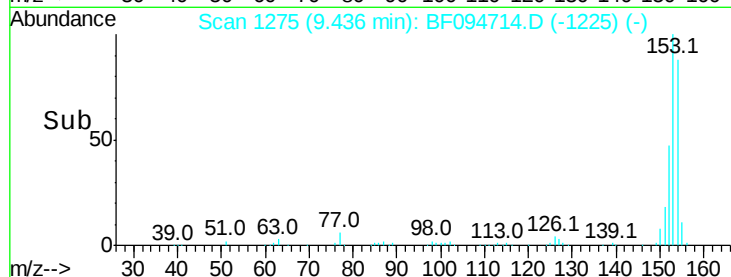
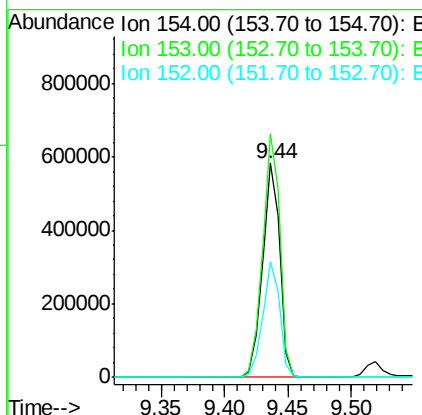
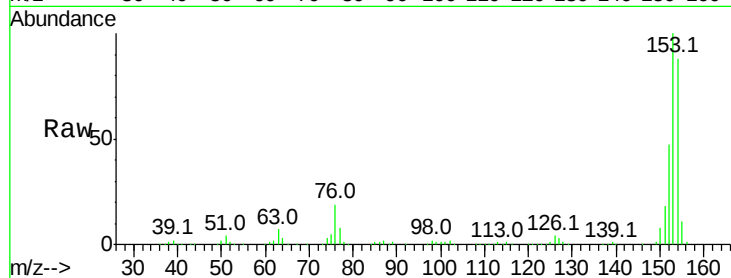




#51
Acenaphthene
Concen: 40.66 ng
RT: 9.44 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

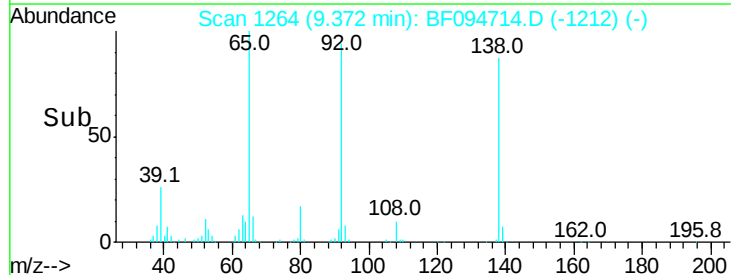
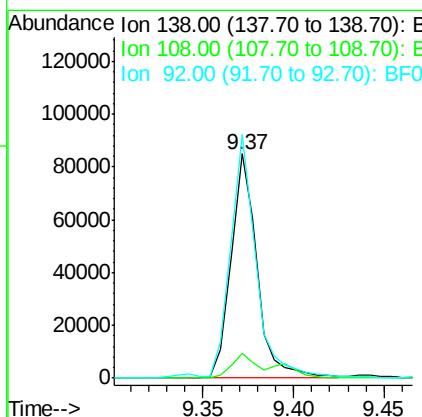
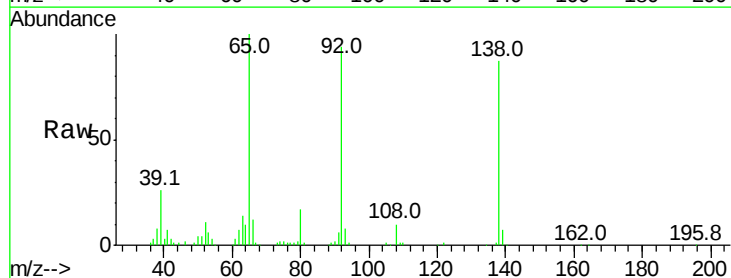
Instrument :
BNA_F
ClientSampleId :

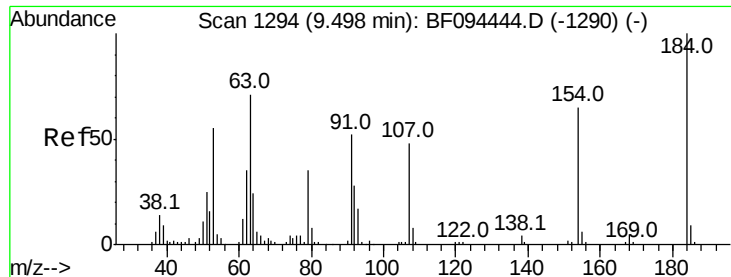
Tot Ion:154 Resp: 561789
Ion Ratio Lower Upper
154 100
153 113.9 90.5 135.7
152 53.9 43.6 65.4



#52
3-Nitroaniline
Concen: 19.27 ng
RT: 9.37 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion:138 Resp: 84938
Ion Ratio Lower Upper
138 100
108 11.0 9.1 13.7
92 108.6 93.8 140.6

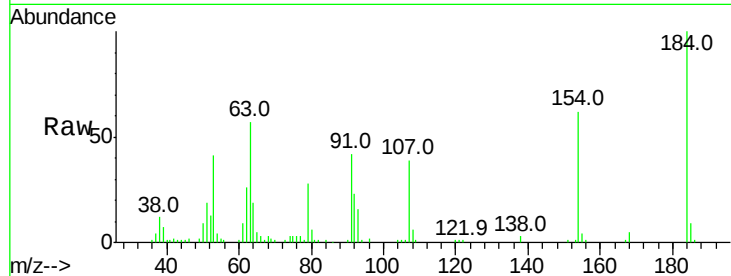




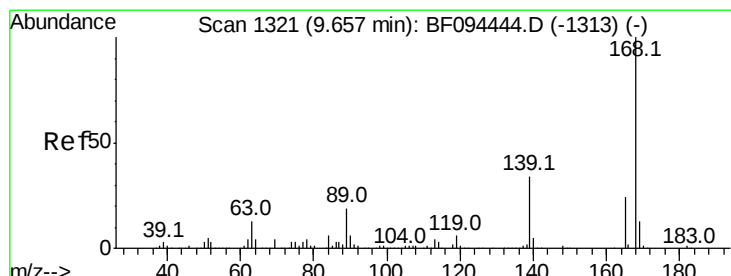
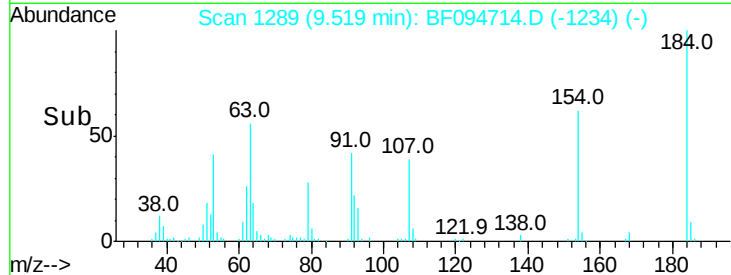
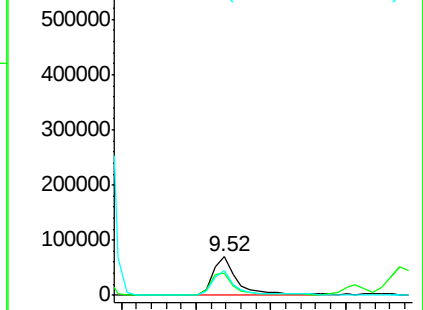
#53
 2,4-Dinitrophenol
 Concen: 42.63 ng
 RT: 9.52 min Scan# 1289
 Delta R.T. 0.02 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 82155
 Ion Ratio Lower Upper
 184 100
 63 56.5 62.7 94.1#
 154 62.2 81.1 121.7#

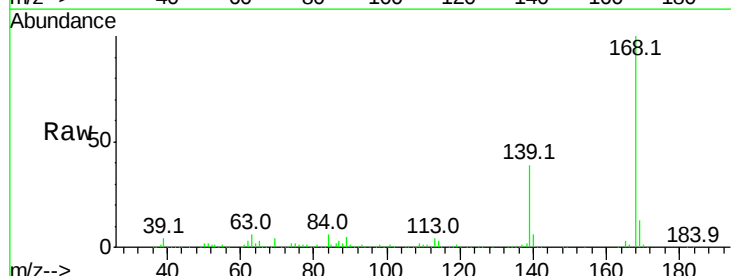


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

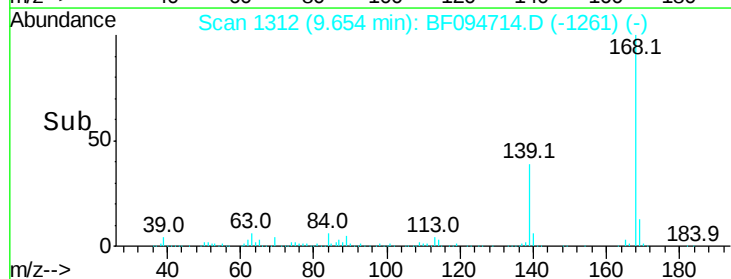
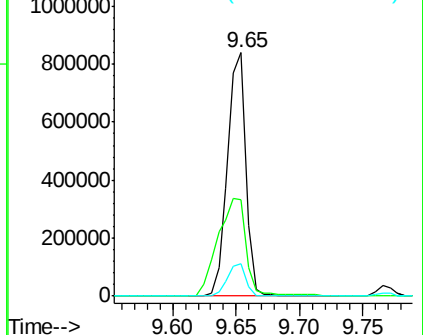


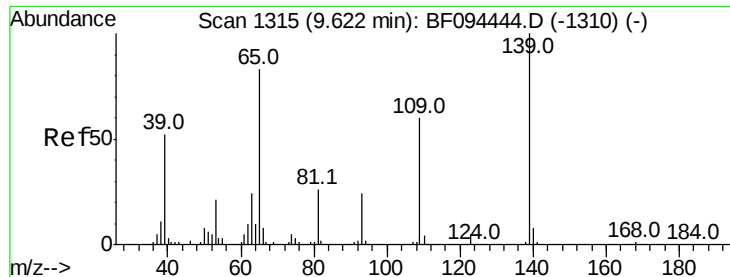
#54
 Dibenzofuran
 Concen: 41.82 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion:168 Resp: 839866
 Ion Ratio Lower Upper
 168 100
 139 39.4 30.6 45.8
 169 13.4 10.8 16.2



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





#55

4-Nitrophenol

Concen: 173.29 ng

RT: 9.65 min Scan# 1311

Delta R.T. 0.03 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

ClientSampleId :

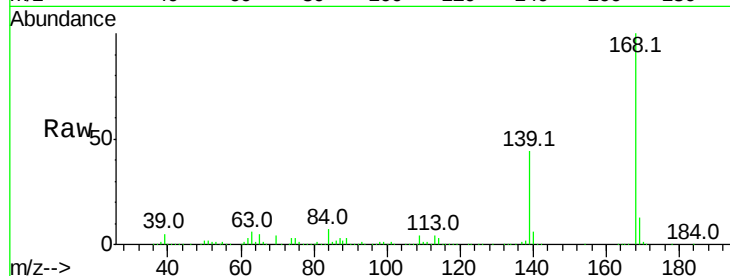
Tot Ion:139 Resp: 539707

Ion Ratio Lower Upper

139 100

109 8.4 34.1 74.1#

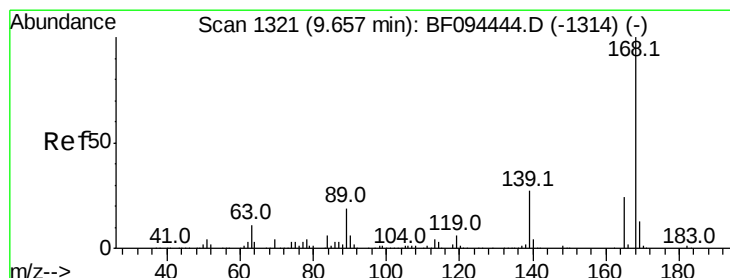
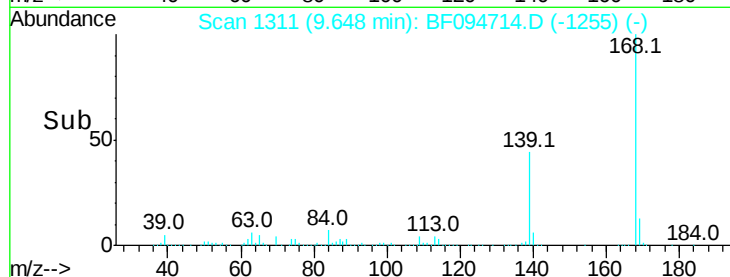
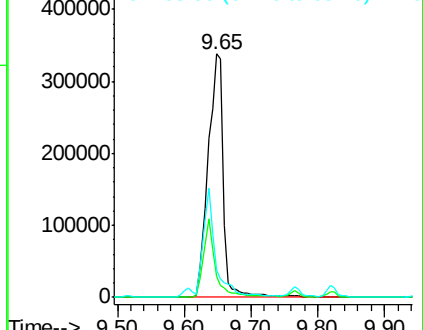
65 11.2 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.75 ng

RT: 9.67 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Tgt Ion:165 Resp: 218576

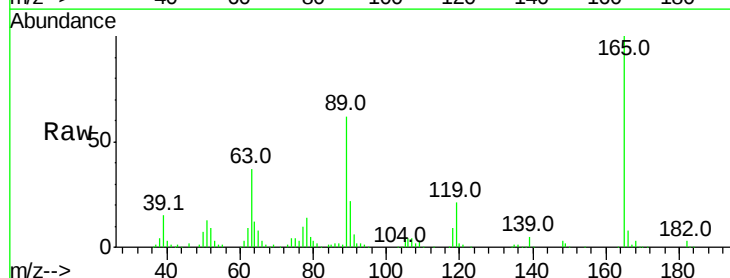
Ion Ratio Lower Upper

165 100

63 37.0 25.4 38.0

89 61.6 46.4 69.6

182 2.6 1.8 2.6

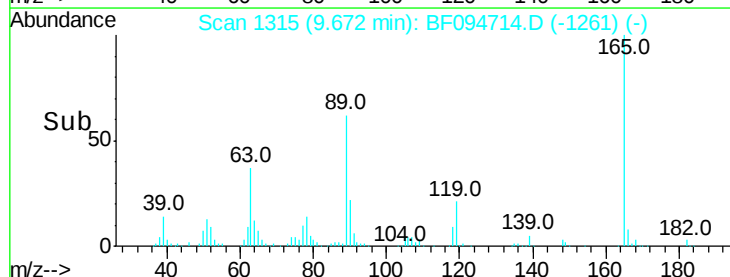
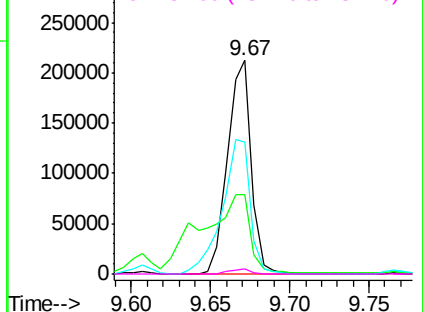


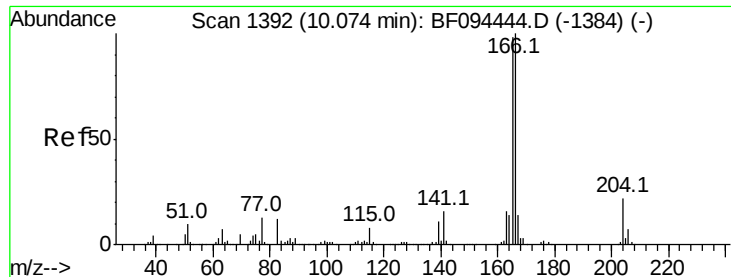
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.14 ng

RT: 10.07 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

ClientSampleId :

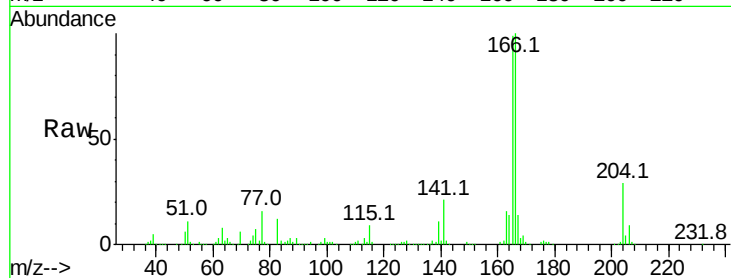
Tot Ion:166 Resp: 643394

Ion Ratio Lower Upper

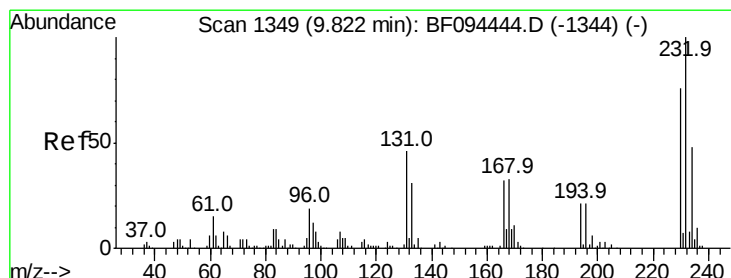
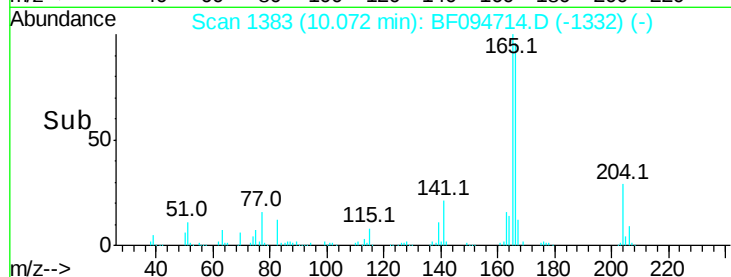
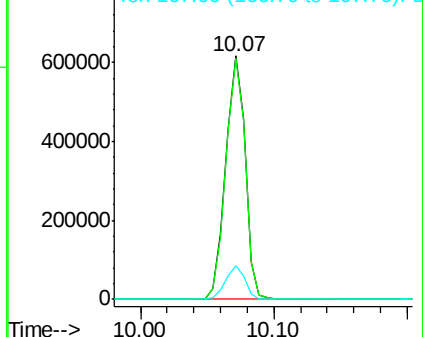
166 100

165 99.2 78.8 118.2

167 13.7 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.76 ng

RT: 9.82 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Tgt Ion:232 Resp: 150082

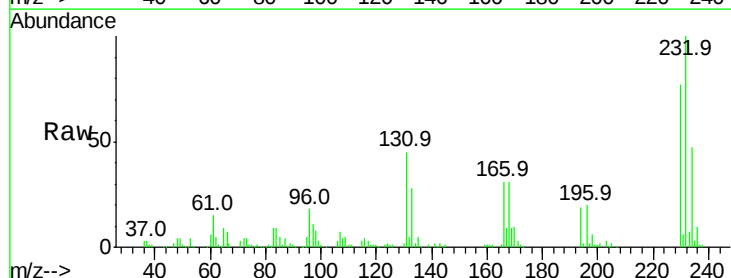
Ion Ratio Lower Upper

232 100

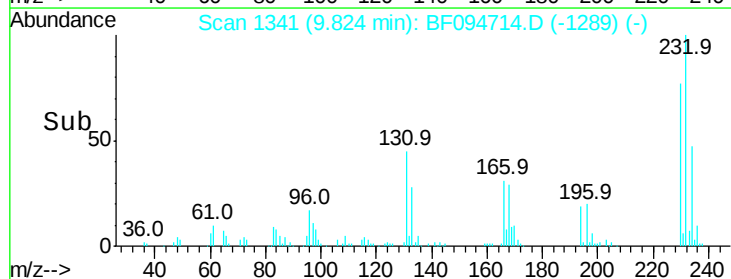
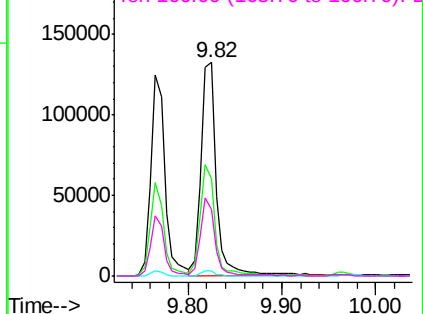
131 51.4 44.8 67.2

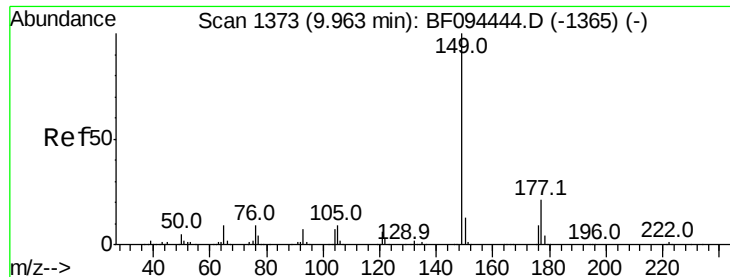
130 2.2 2.3 3.5#

166 33.2 29.0 43.4



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

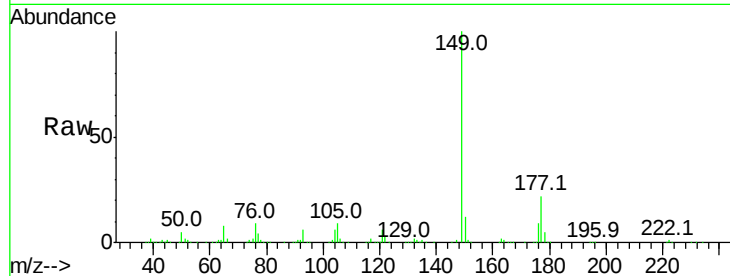




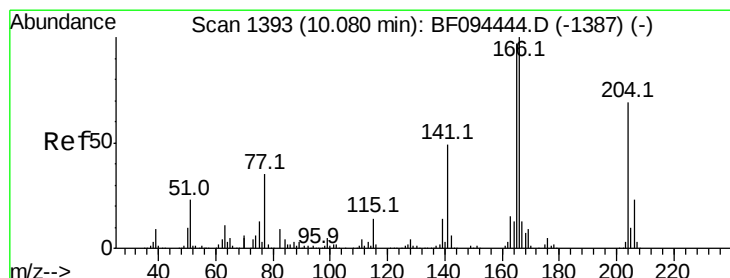
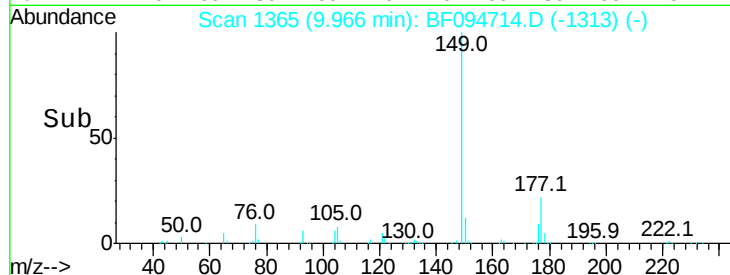
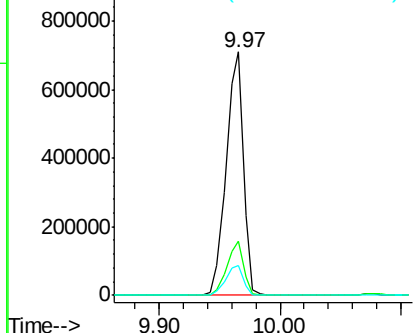
#59
Diethylphthalate
Concen: 43.95 ng
RT: 9.97 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 703869
Ion Ratio Lower Upper
149 100
177 22.2 16.7 25.1
150 12.2 10.2 15.2

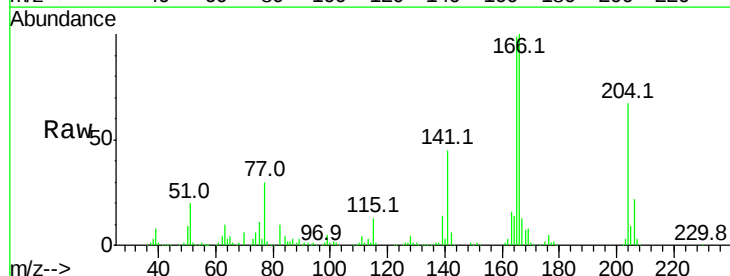


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

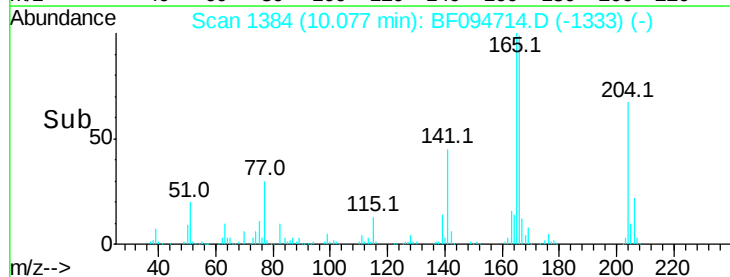
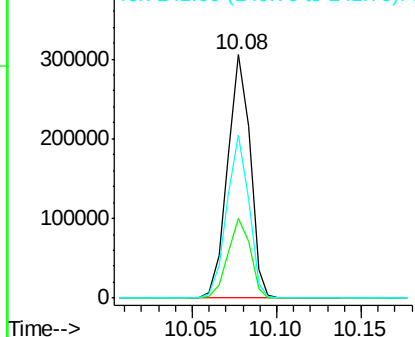


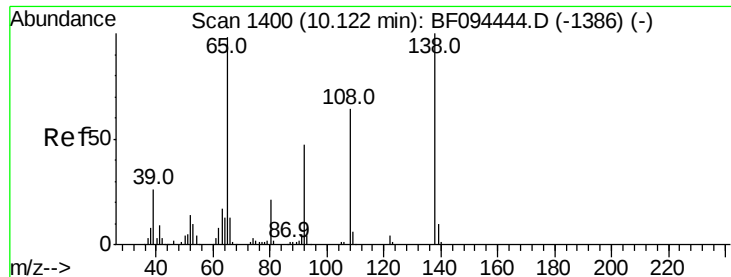
#60
4-Chlorophenyl-phenylether
Concen: 43.46 ng
RT: 10.08 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion:204 Resp: 282814
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 66.8 60.8 91.2



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

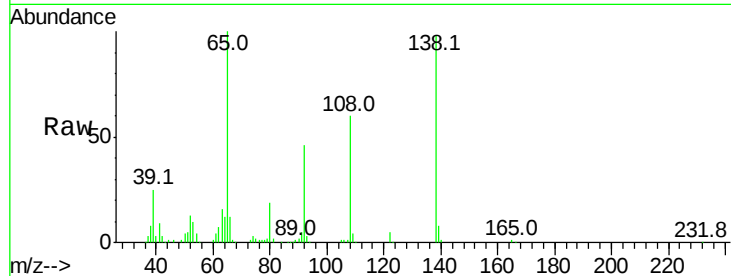




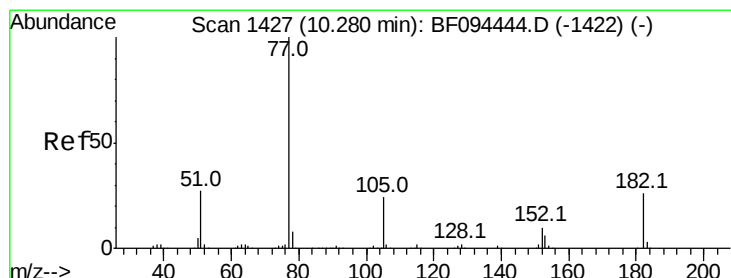
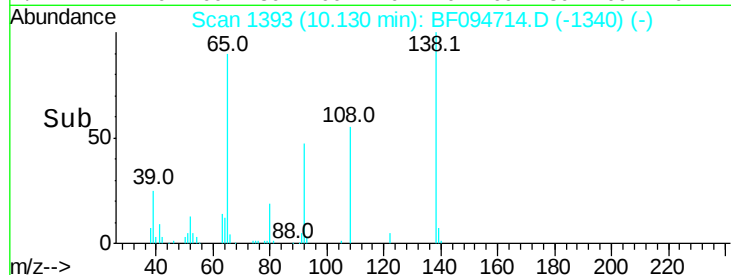
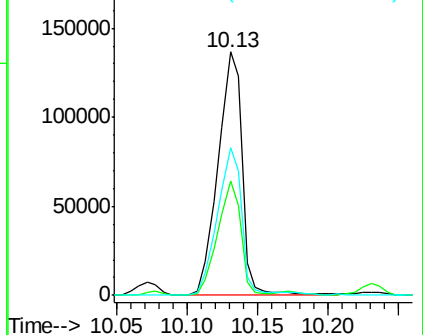
#61
4-Nitroaniline
Concen: 36.59 ng
RT: 10.13 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 163970
Ion Ratio Lower Upper
138 100
92 46.8 21.8 61.8
108 60.7 42.3 82.3

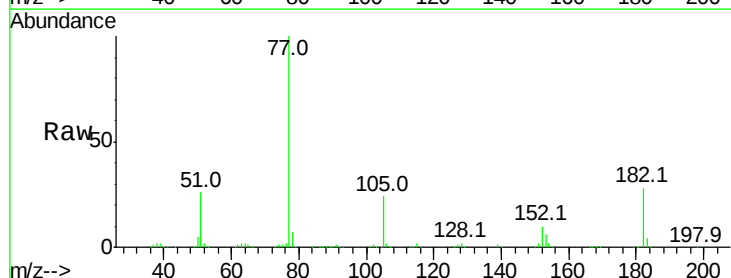


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

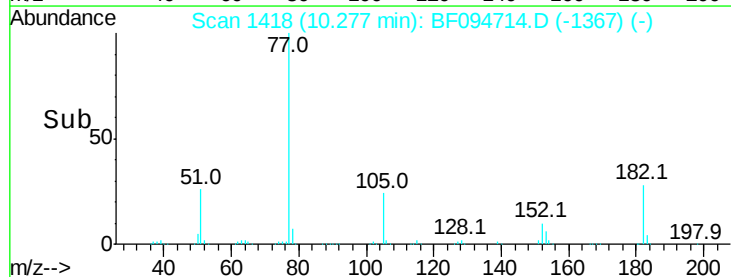
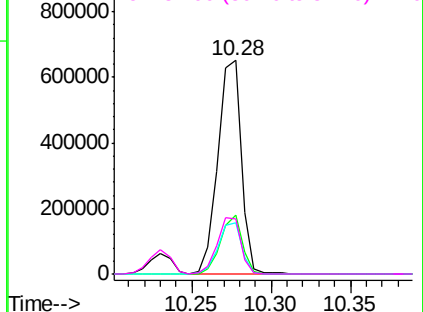


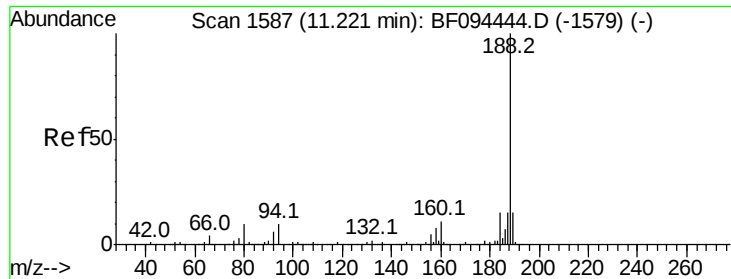
#62
Azobenzene
Concen: 42.92 ng
RT: 10.28 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion: 77 Resp: 667536
Ion Ratio Lower Upper
77 100
182 27.6 0.1 40.1
105 24.3 3.6 43.6
51 25.8 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

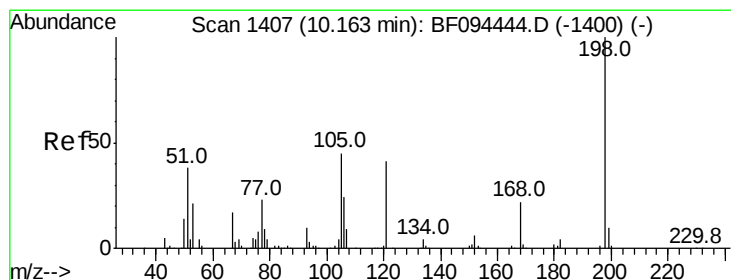
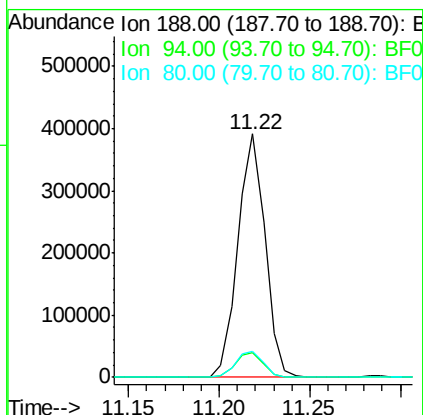
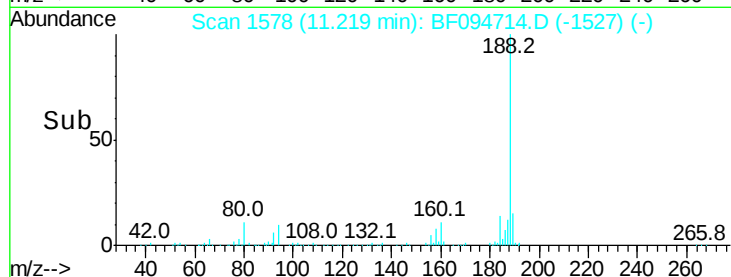
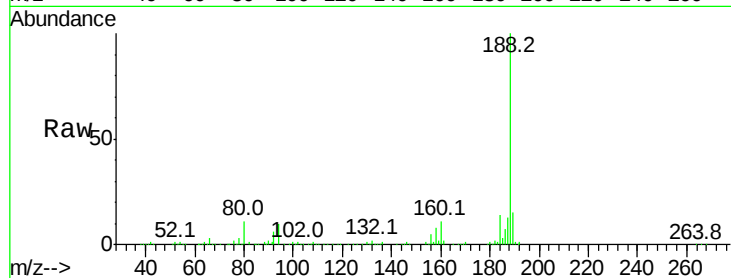




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

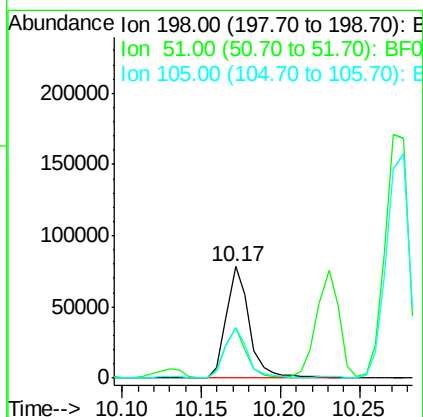
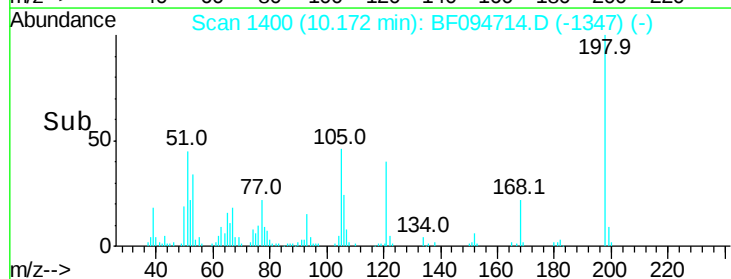
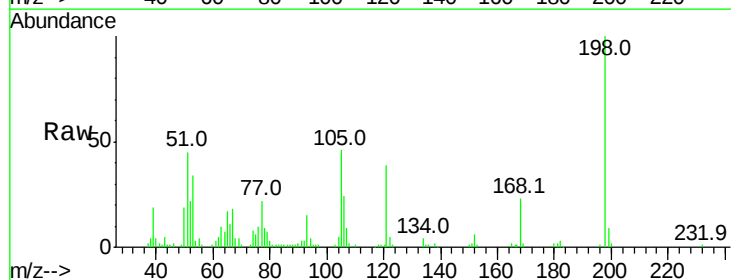
Instrument :
BNA_F
ClientSampleId :

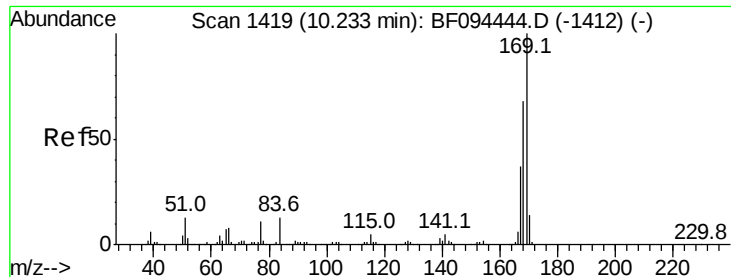
Tot Ion:188 Resp: 408372
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 10.8 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 29.60 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion:198 Resp: 79189
Ion Ratio Lower Upper
198 100
51 44.8 53.2 93.2#
105 45.6 45.8 85.8#

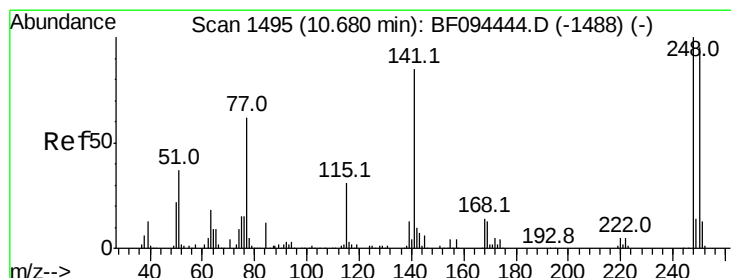
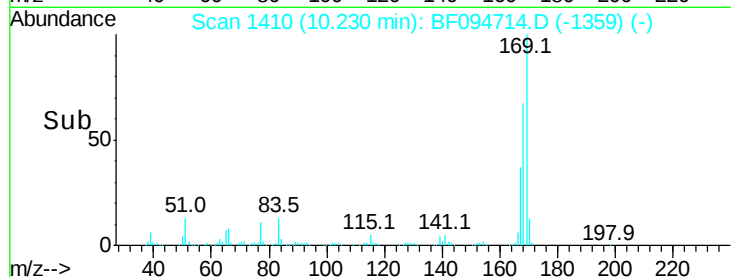
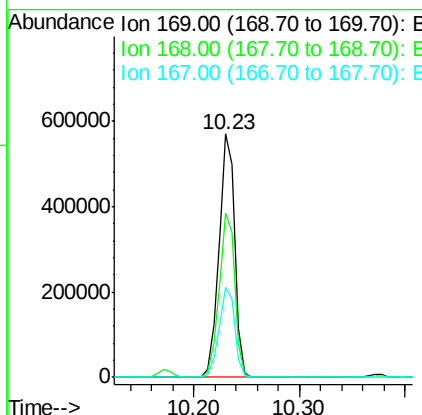
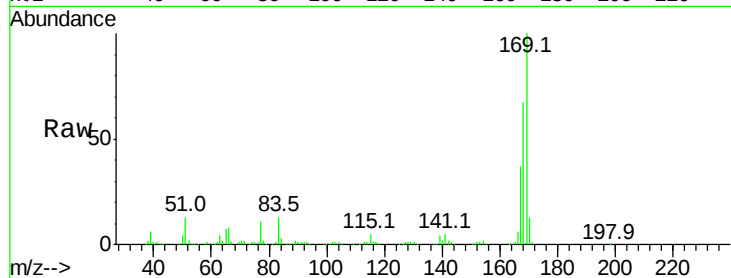




#65
 n-Nitrosodiphenylamine
 Concen: 42.39 ng
 RT: 10.23 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

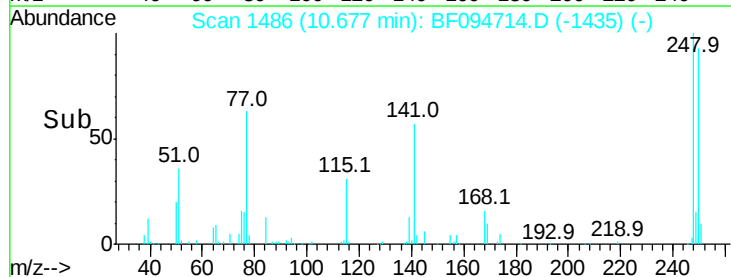
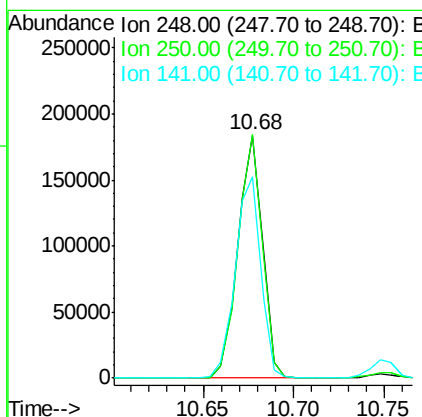
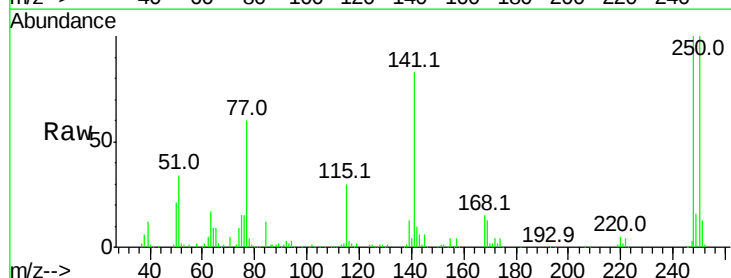
Instrument :
 BNA_F
 ClientSampleId :

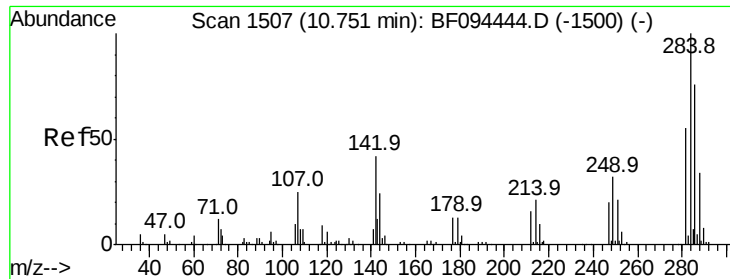
Tot Ion:169 Resp: 602039
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.2 79.8
 167 37.2 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 42.77 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion:248 Resp: 173428
 Ion Ratio Lower Upper
 248 100
 250 100.3 76.8 115.2
 141 82.8 68.6 103.0

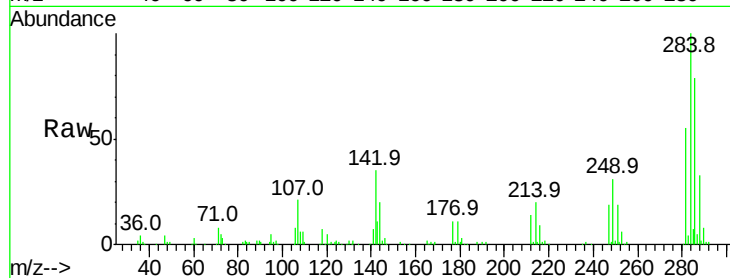




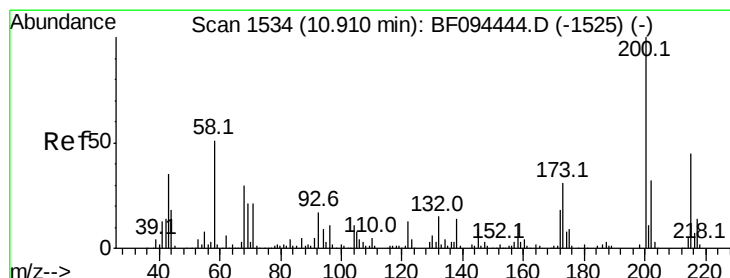
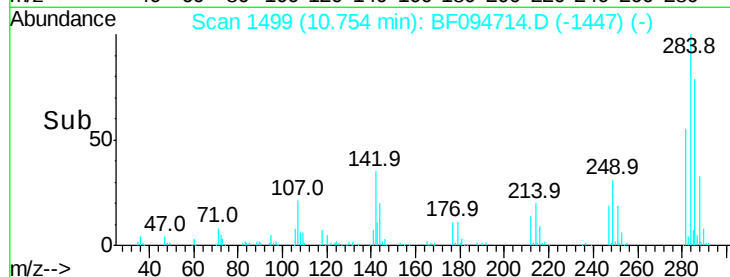
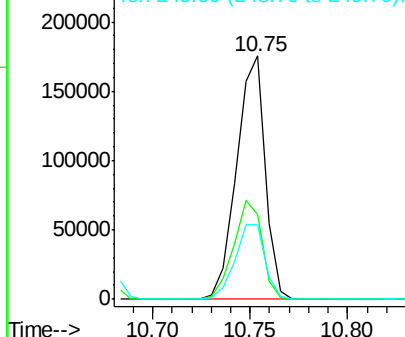
#67
Hexachlorobenzene
Concen: 43.43 ng
RT: 10.75 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 177496
Ion Ratio Lower Upper
284 100
142 35.0 22.8 34.2#
249 30.9 24.0 36.0

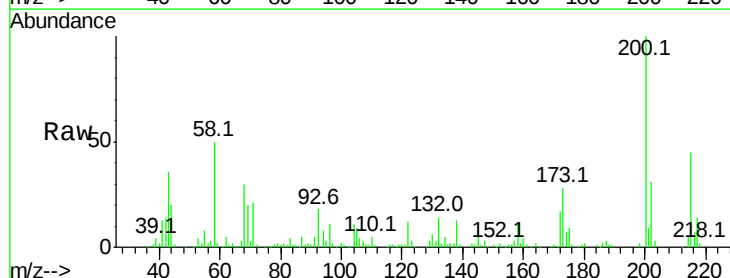


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

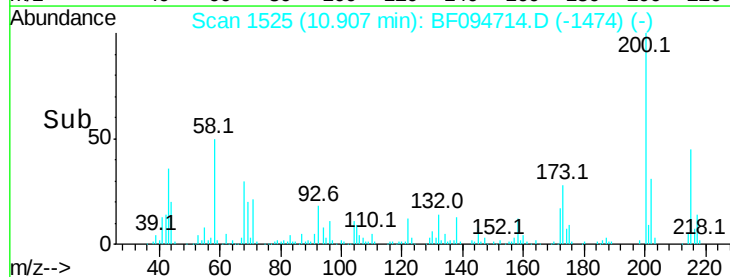
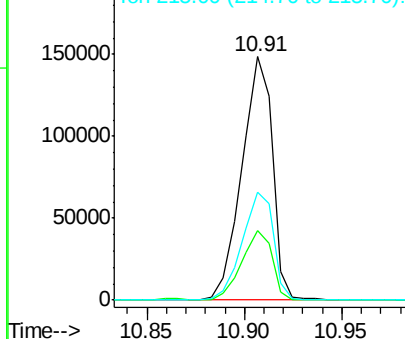


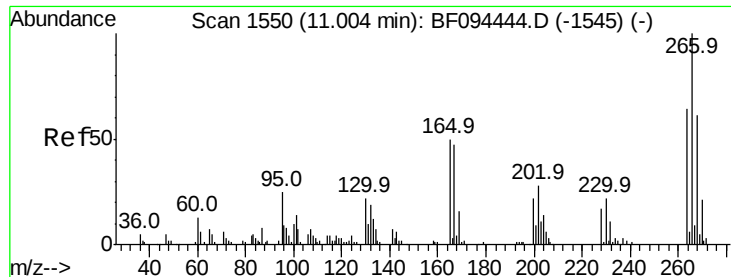
#68
Atrazine
Concen: 38.03 ng
RT: 10.91 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion:200 Resp: 161583
Ion Ratio Lower Upper
200 100
173 28.4 6.3 46.3
215 44.6 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

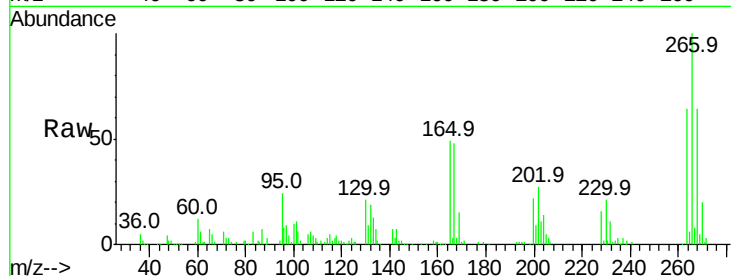




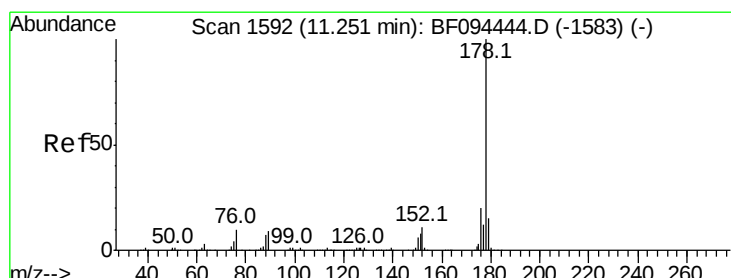
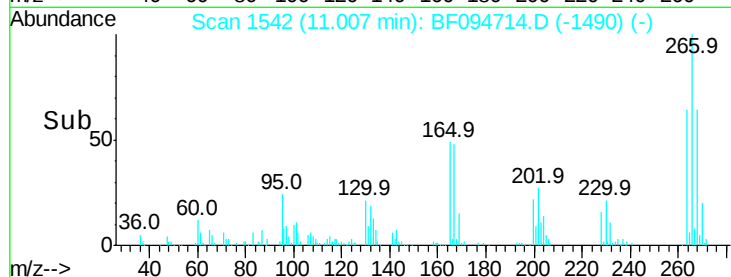
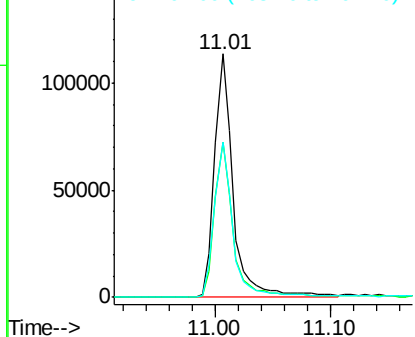
#69
 Pentachlorophenol
 Concen: 79.03 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.1	76.7
264	63.9	51.7	77.5

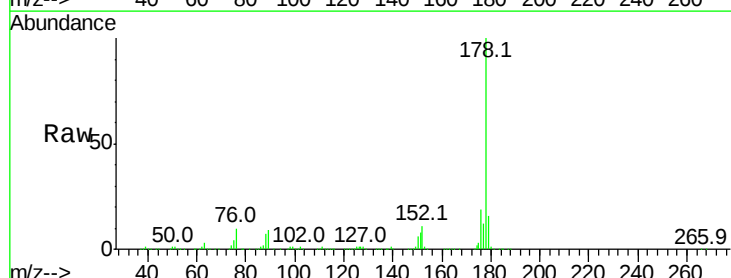


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

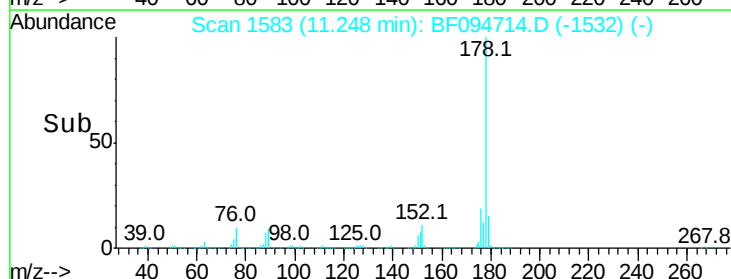
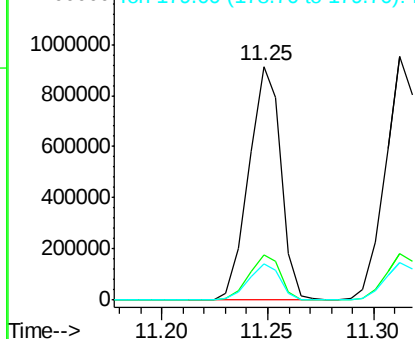


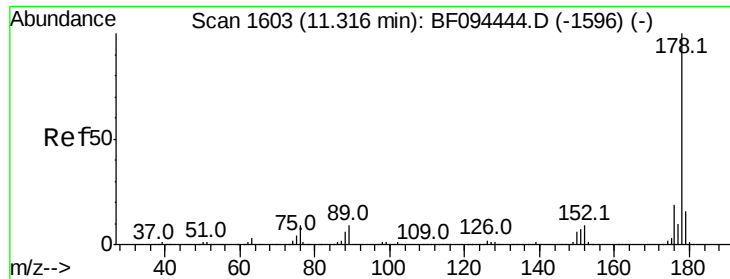
#70
 Phenanthrene
 Concen: 41.96 ng
 RT: 11.25 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.5	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

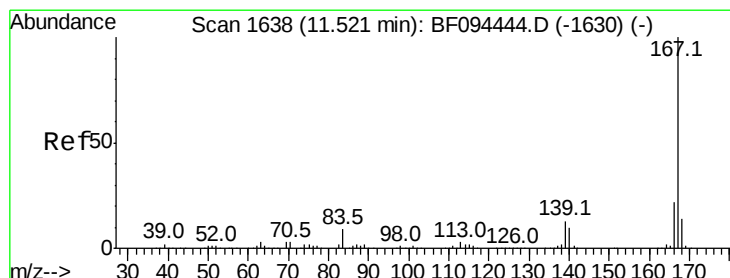
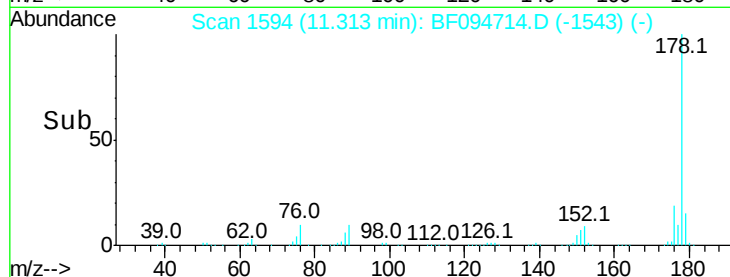
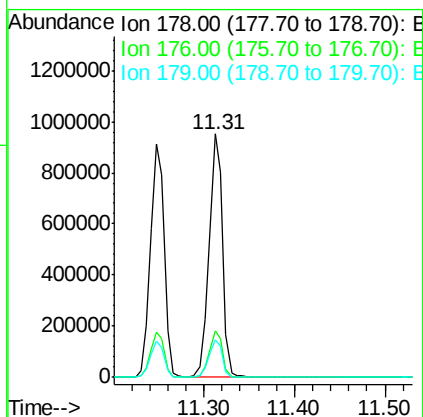
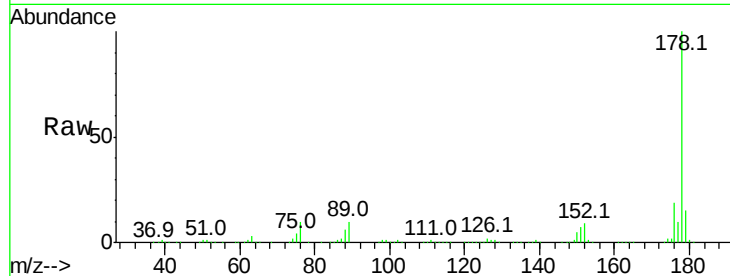




#71
 Anthracene
 Concen: 42.06 ng
 RT: 11.31 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

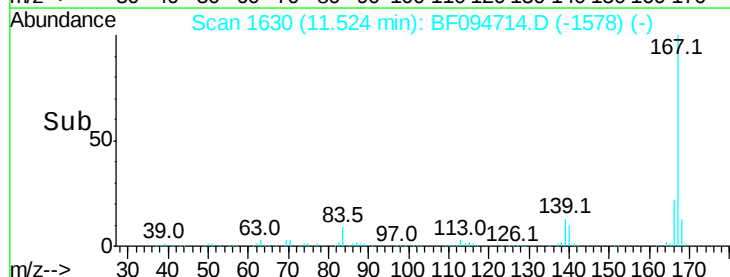
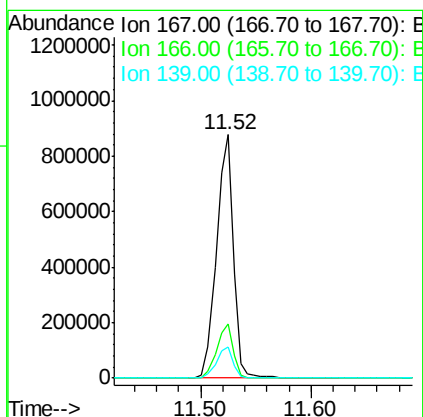
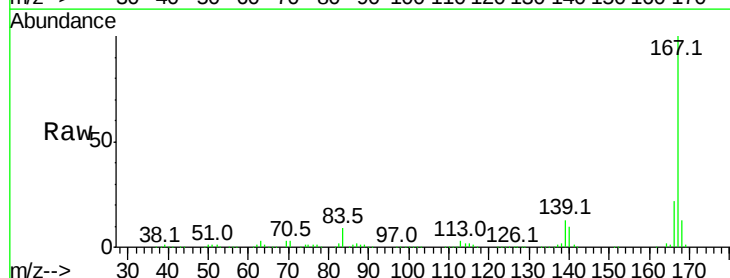
Instrument :
 BNA_F
 ClientSampleId :

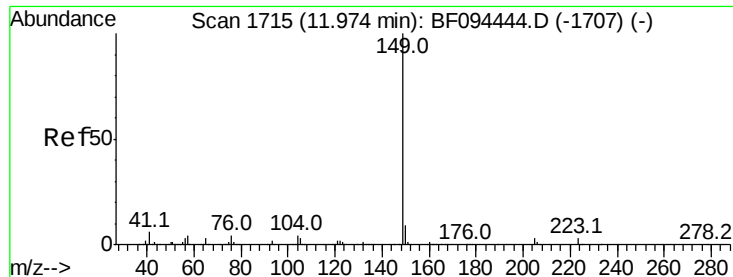
Tot Ion:178 Resp: 1000471
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 41.36 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion:167 Resp: 923356
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 12.8 11.7 17.5

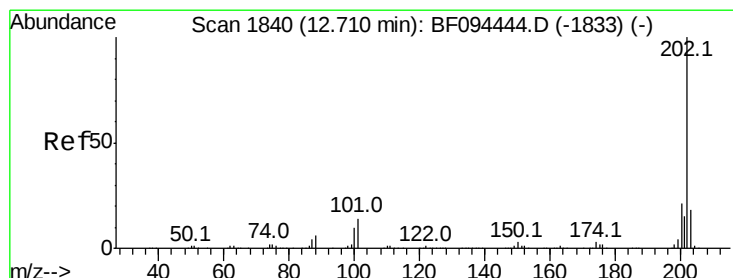
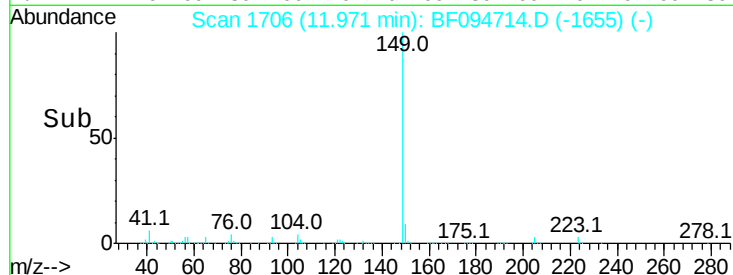
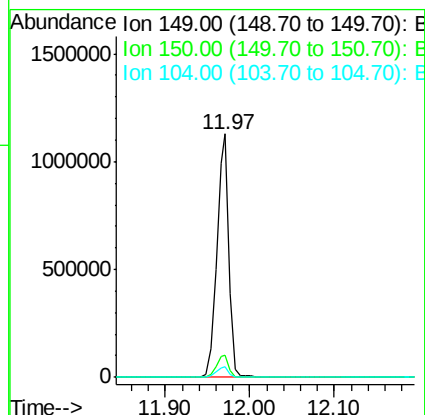
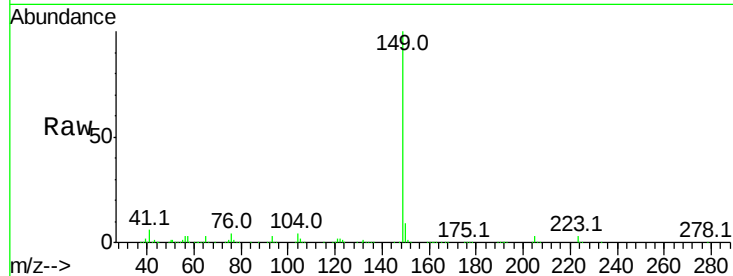




#73
Di-n-butylphthalate
Concen: 46.54 ng
RT: 11.97 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

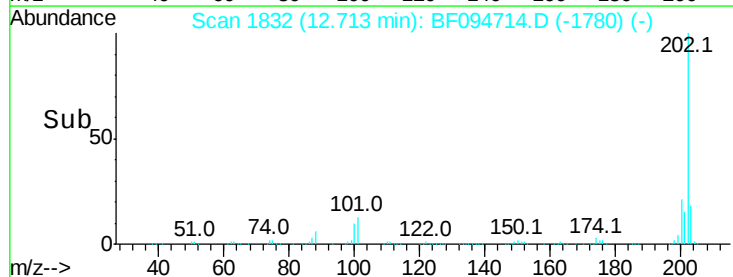
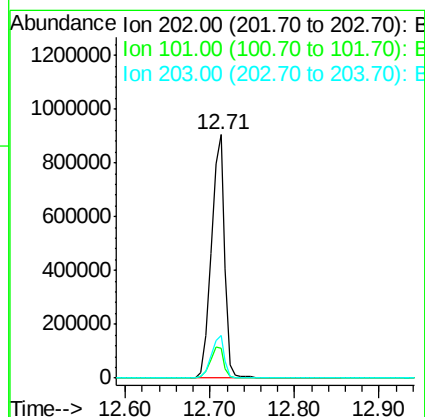
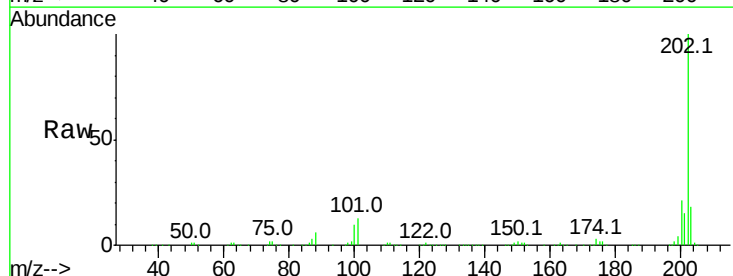
Instrument :
BNA_F
ClientSampled :

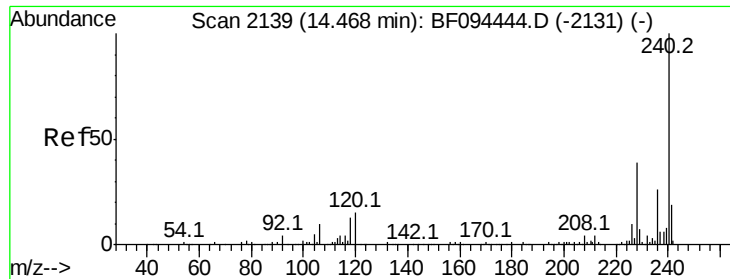
Tot Ion:149 Resp: 1144161
Ion Ratio Lower Upper
149 100
150 8.9 7.7 11.5
104 4.4 4.0 6.0



#74
Fluoranthene
Concen: 42.26 ng
RT: 12.71 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion:202 Resp: 1007222
Ion Ratio Lower Upper
202 100
101 12.5 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: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

ClientSampleId :

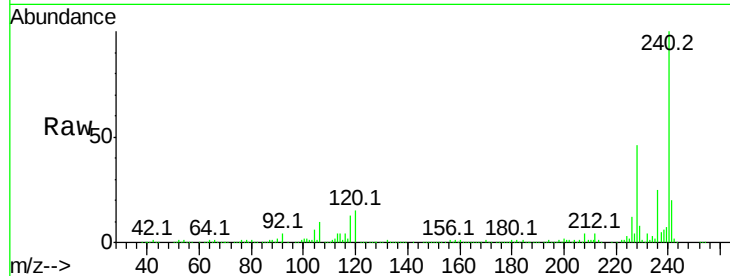
Tot Ion:240 Resp: 322934

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

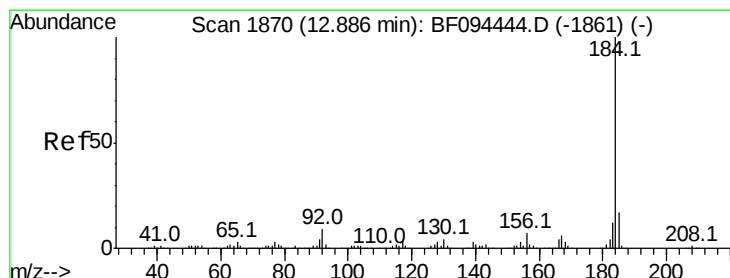
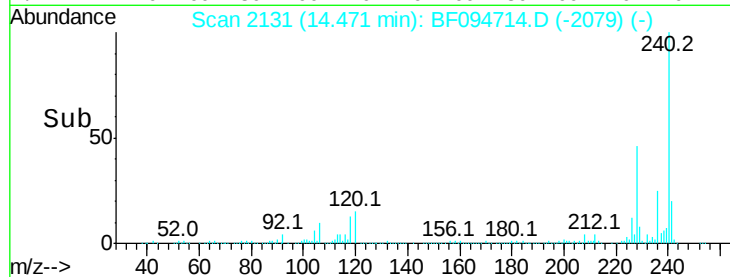
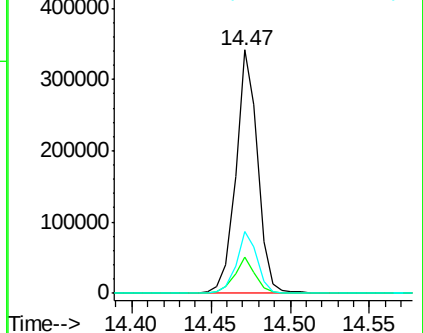
236 25.3 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.92 ng

RT: 12.88 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

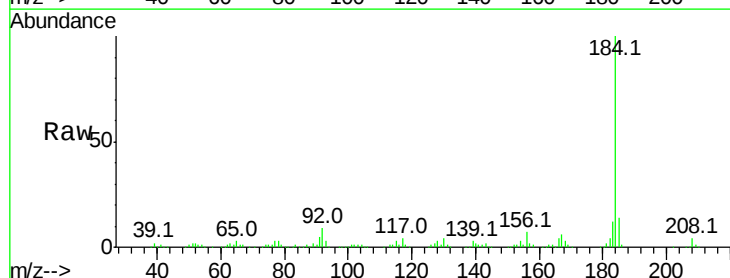
Tgt Ion:184 Resp: 299653

Ion Ratio Lower Upper

184 100

185 14.0 15.5 23.3#

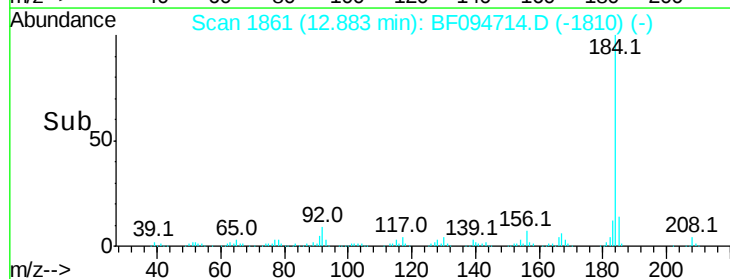
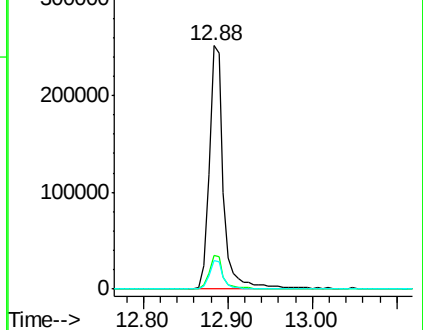
183 12.0 9.8 14.6

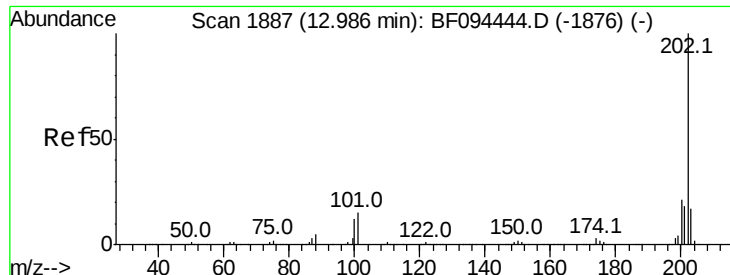


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

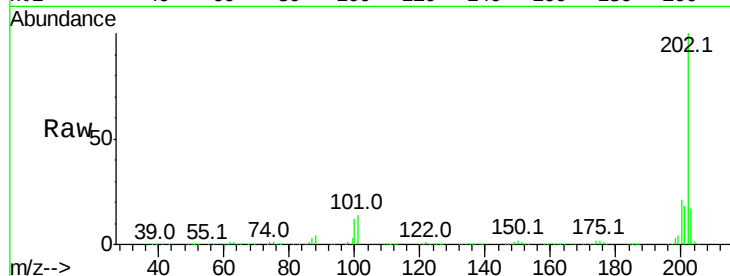




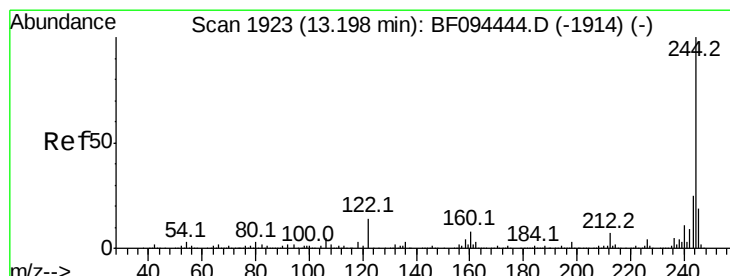
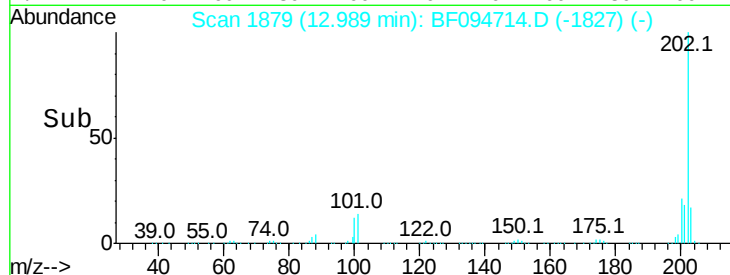
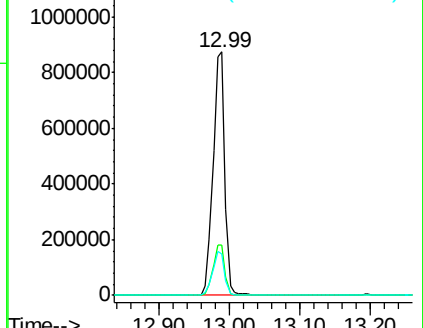
#77
Pvrene
Concen: 45.26 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1021046
Ion Ratio Lower Upper
202 100
200 20.9 17.6 26.4
203 17.2 14.4 21.6

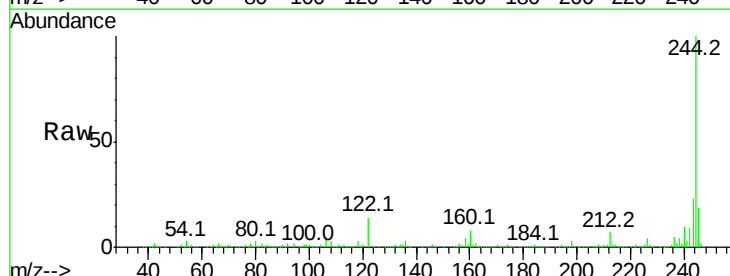


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

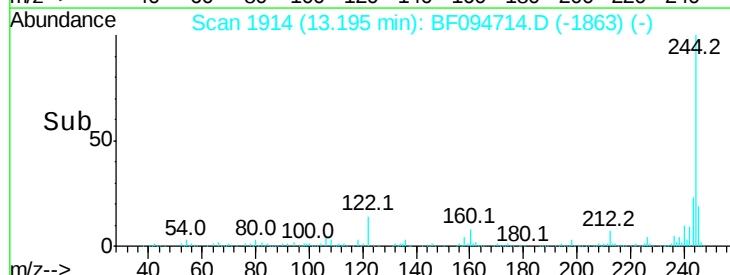
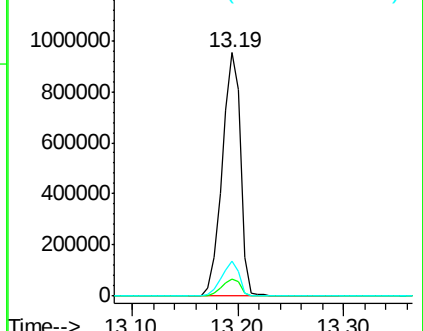


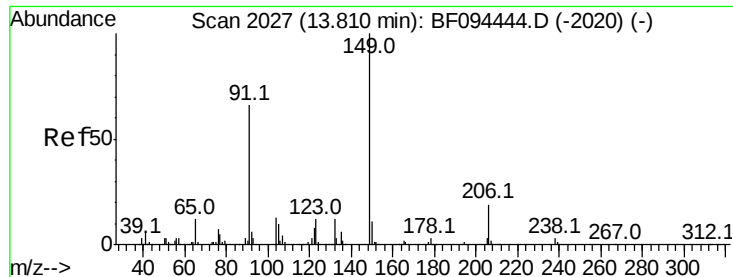
#78
Terphenyl-d14
Concen: 95.49 ng
RT: 13.19 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion:244 Resp: 1153672
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 14.4 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

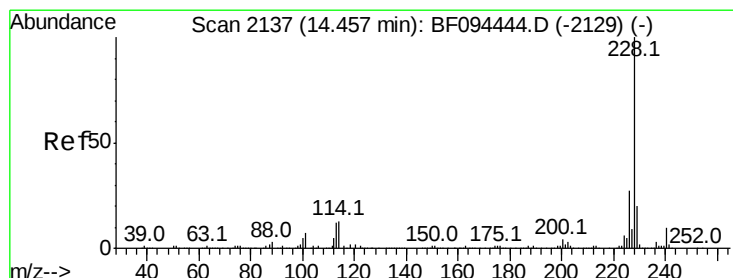
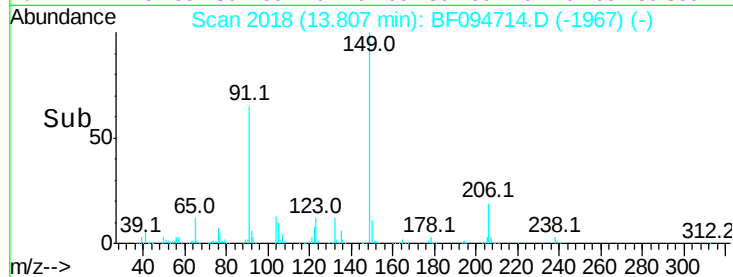
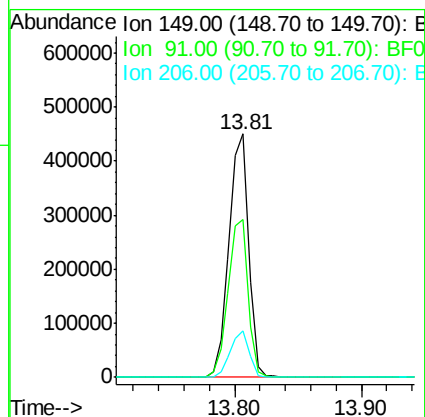
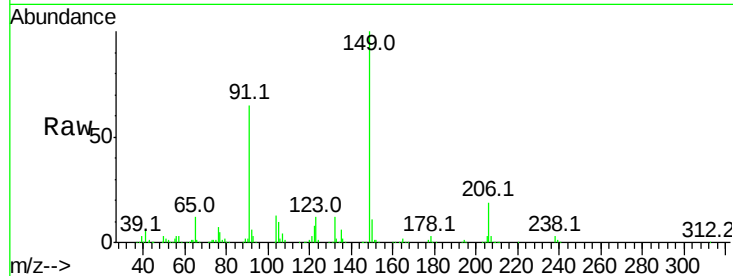




#79
Butylbenzylphthalate
Concen: 48.88 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

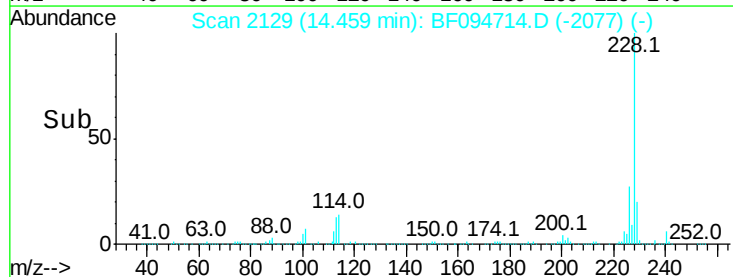
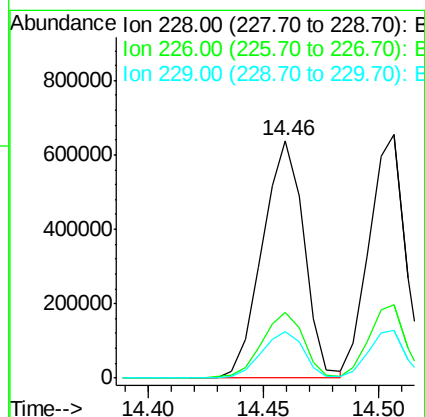
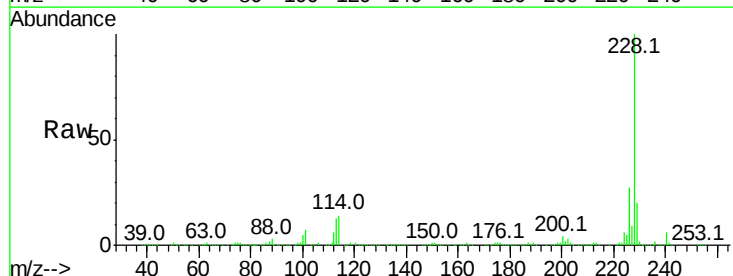
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 483318
Ion Ratio Lower Upper
149 100
91 64.7 45.0 67.4
206 18.9 17.0 25.6



#80
Benzo(a)anthracene
Concen: 42.47 ng
RT: 14.46 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion:228 Resp: 797186
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.6 16.3 24.5

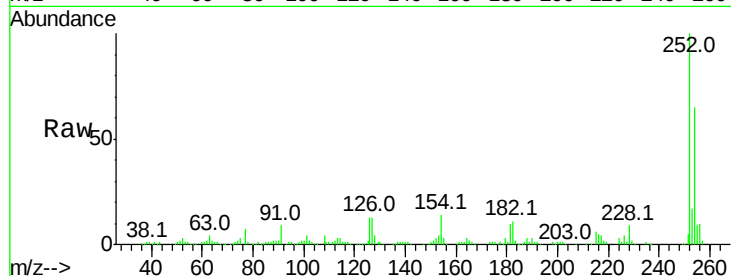




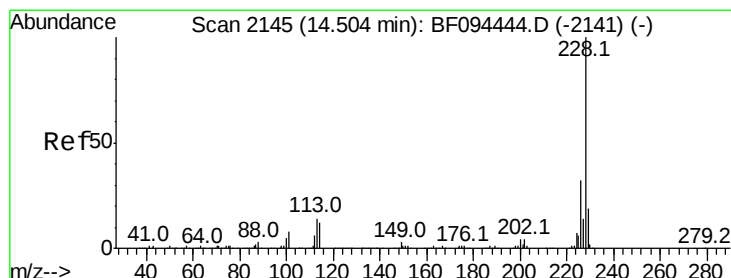
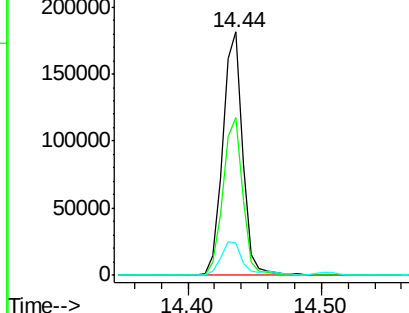
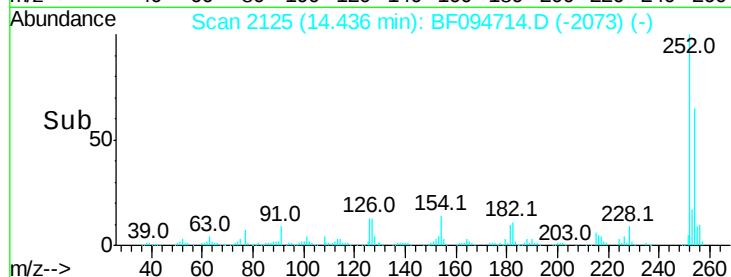
#81
 3,3'-Dichlorobenzidine
 Concen: 28.92 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.5	77.3
126	13.2	15.8	23.8#

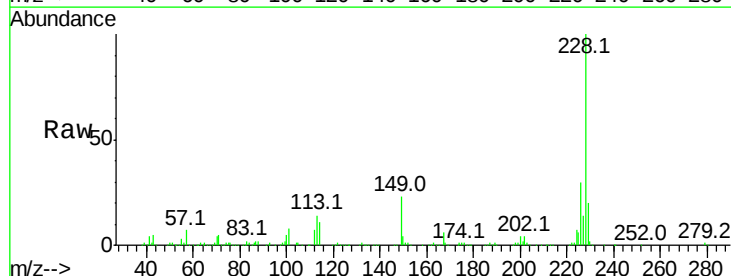


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

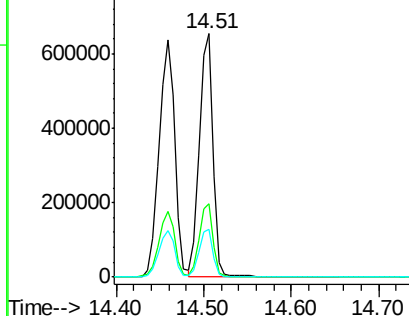
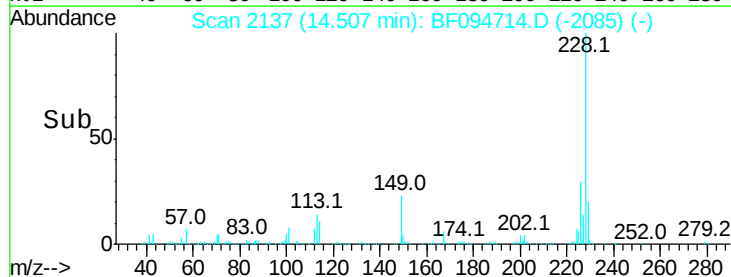


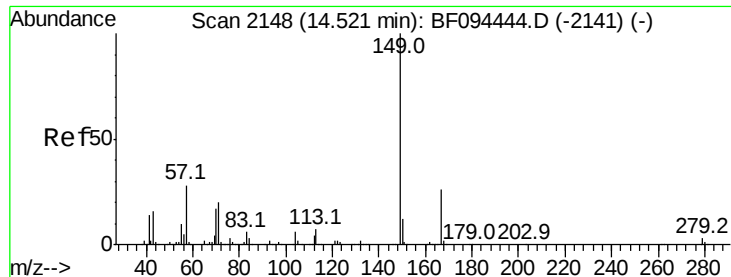
#82
 Chrysene
 Concen: 41.58 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	19.6	15.8	23.6



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

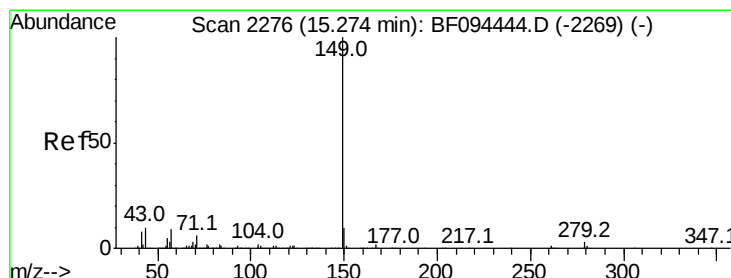
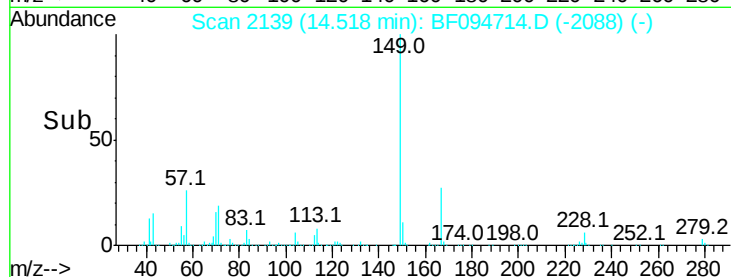
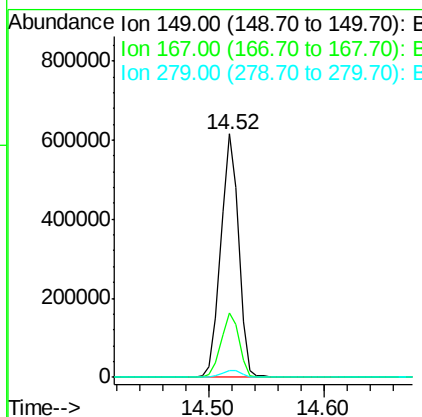
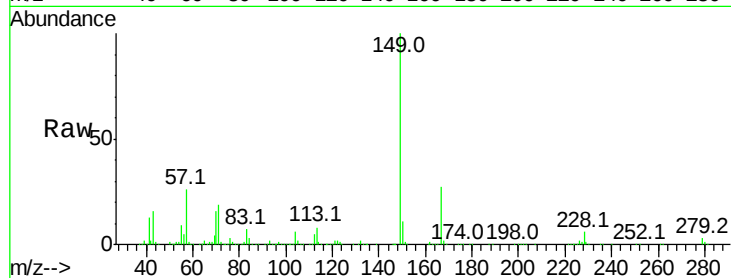




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.74 ng
 RT: 14.52 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

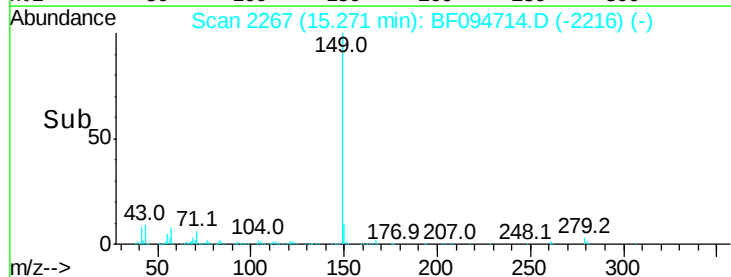
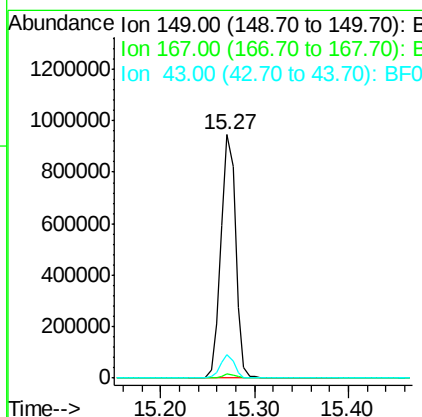
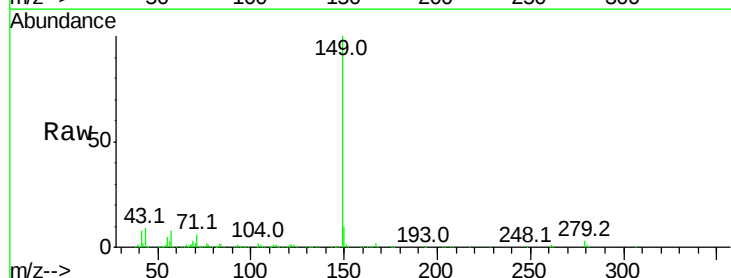
Instrument :
 BNA_F
 ClientSampleId :

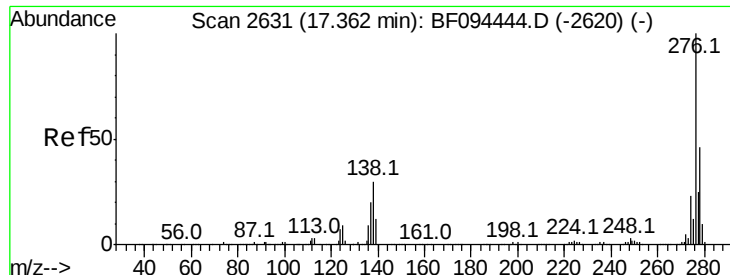
Tot Ion:149 Resp: 660305
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 46.91 ng
 RT: 15.27 min Scan# 2267
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion:149 Resp: 1044707
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.9 8.5 12.7

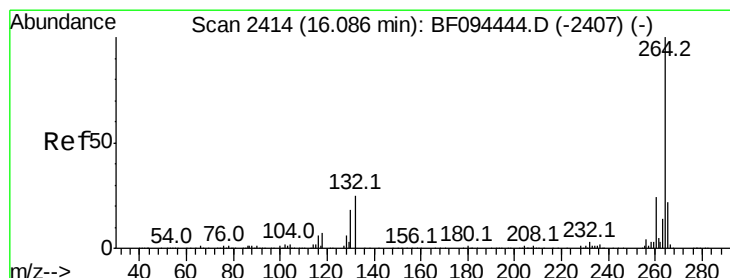
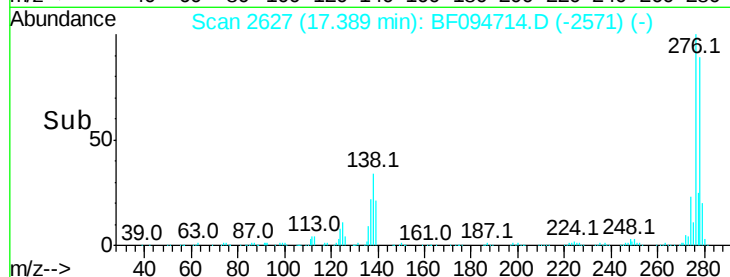
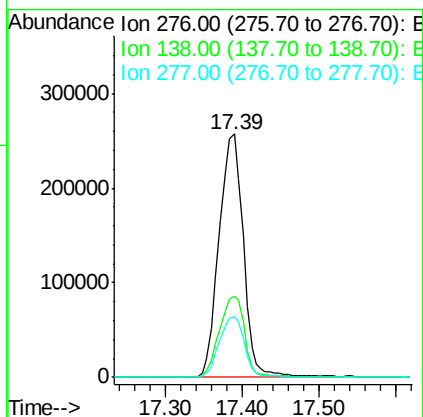
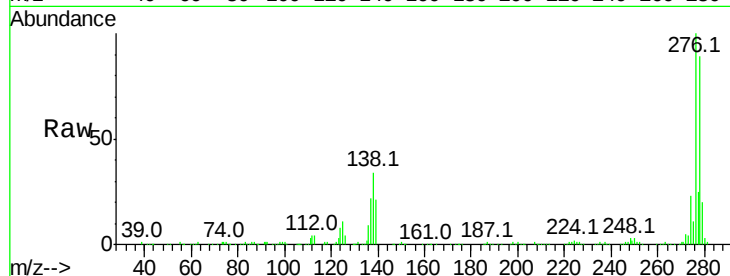




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.75 ng
 RT: 17.39 min Scan# 2627
 Delta R.T. 0.03 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

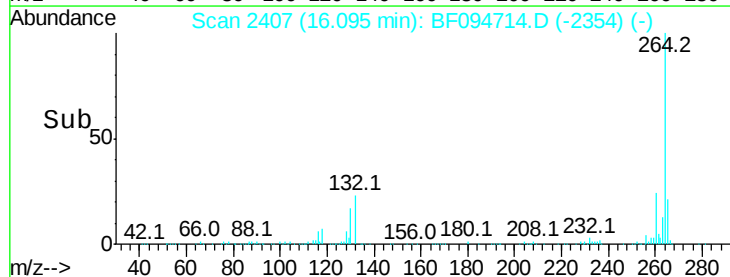
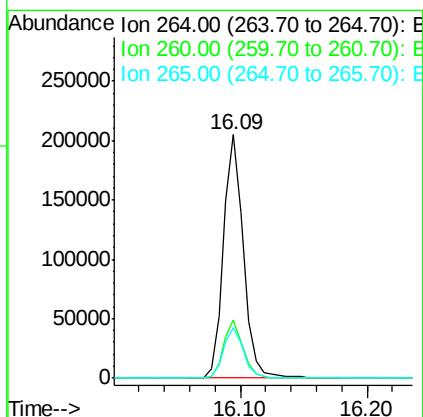
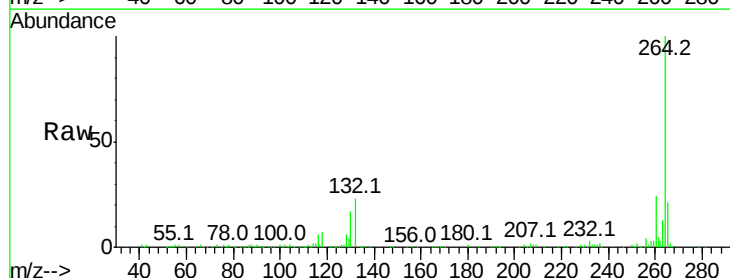
Instrument :
 BNA_F
 ClientSampleId :

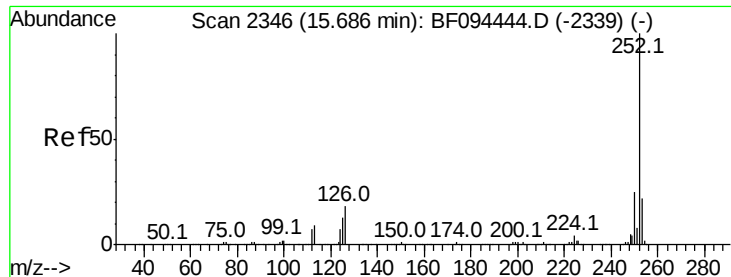
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.7	27.8	41.6
277	25.5	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	20.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 46.17 ng

RT: 15.69 min Scan# 2339

Delta R.T. 0.01 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

ClientSampleId :

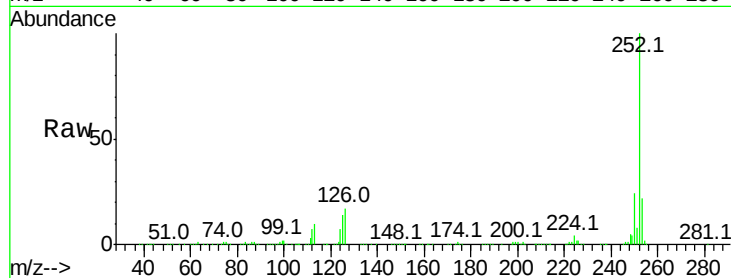
Tot Ion:252 Resp: 632955

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

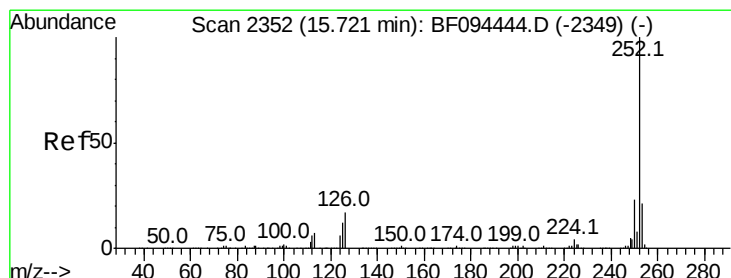
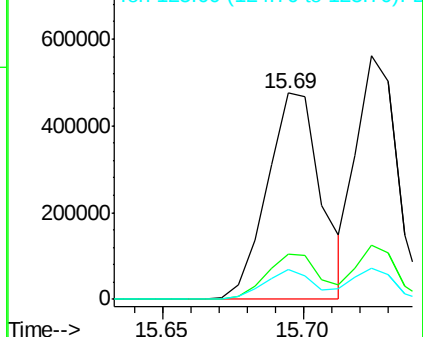
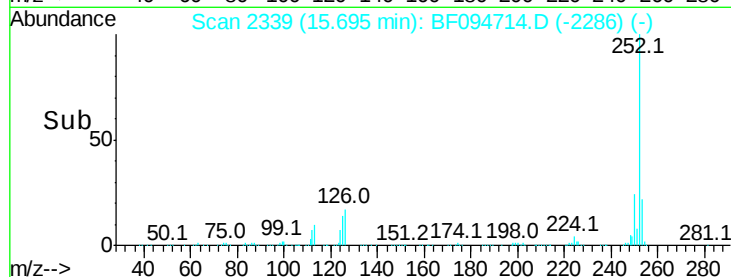
125 14.3 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 48.79 ng

RT: 15.69 min Scan# 2339

Delta R.T. -0.03 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

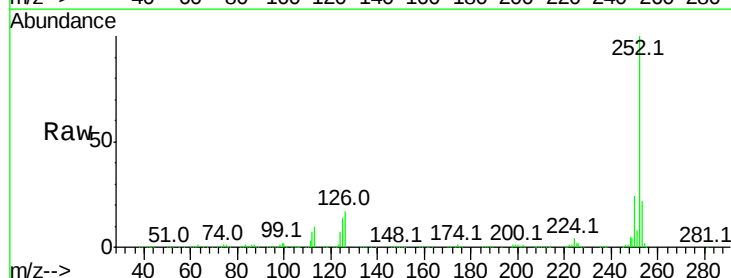
Tgt Ion:252 Resp: 632955

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

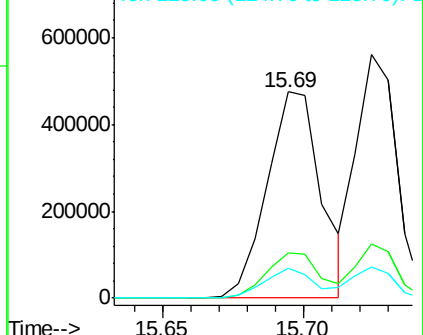
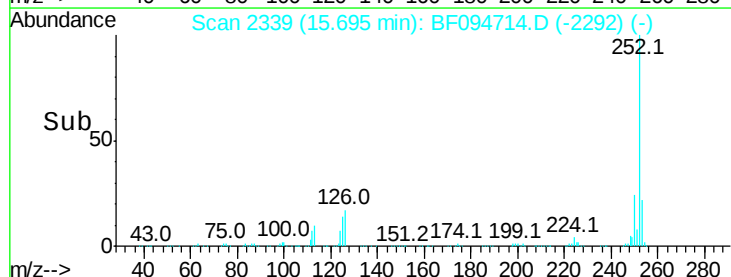
125 14.3 13.1 19.7

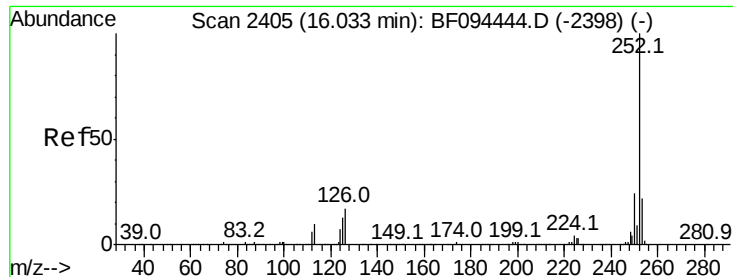


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.48 ng

RT: 16.04 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

ClientSampleId :

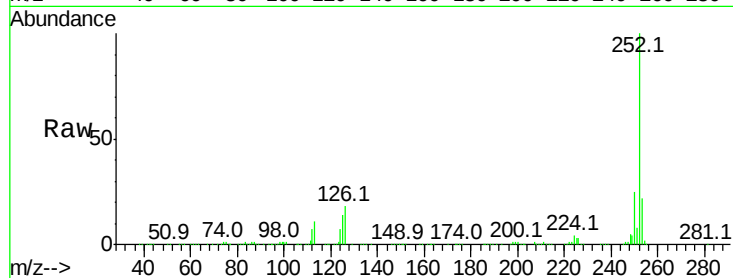
Tot Ion:252 Resp: 541713

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

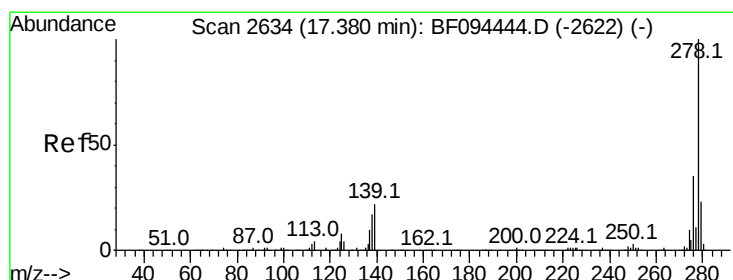
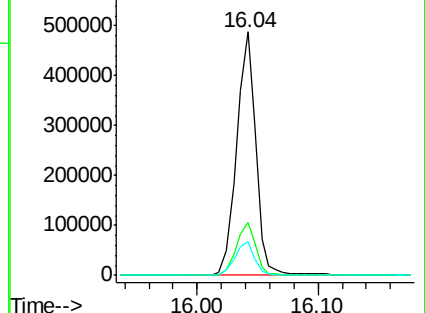
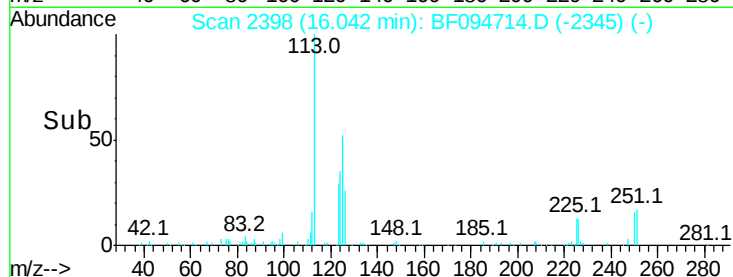
125 14.0 11.0 16.4



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: 44.92 ng

RT: 17.39 min Scan# 2628

Delta R.T. 0.01 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

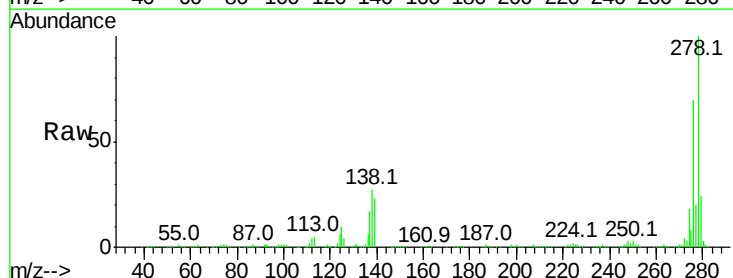
Tgt Ion:278 Resp: 475717

Ion Ratio Lower Upper

278 100

139 23.1 16.6 24.8

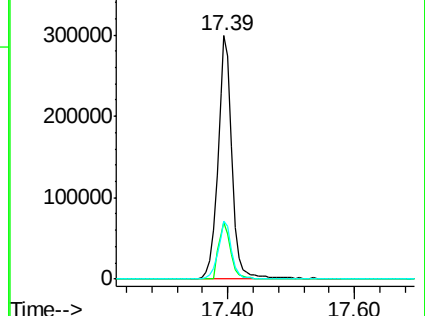
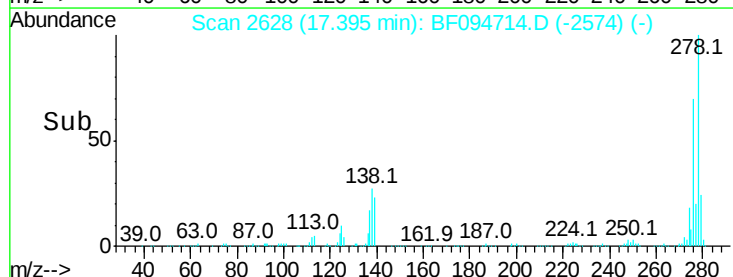
279 24.0 19.3 28.9

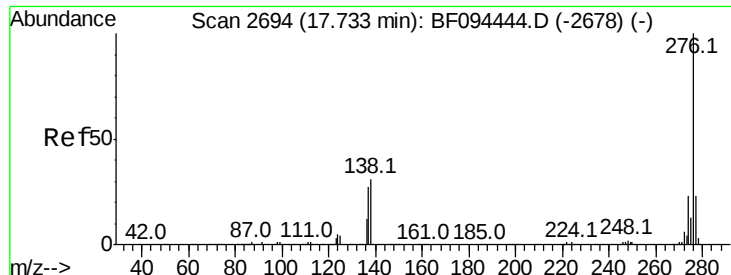


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.37 ng

RT: 17.76 min Scan# 2690

Delta R.T. 0.03 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

ClientSampleId :

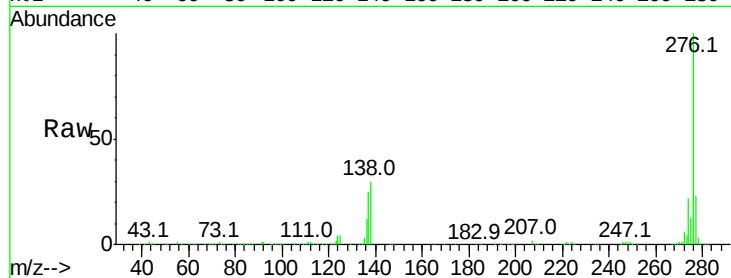
Tot Ion:276 Resp: 478345

Ion Ratio Lower Upper

276 100

277 22.8 18.6 28.0

138 29.8 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

