

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041917\
 Data File : BF094521.D
 Acq On : 19 Apr 2017 17:45
 Operator : SJ/MA
 Sample : I2752-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 03:05:42 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	125073	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	506972	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	231660	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	428395	20.00	ng	0.00
75) Chrysene-d12	14.47	240	316377	20.00	ng	0.00
86) Perylene-d12	16.09	264	267362	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.34	112	1066650	141.49	ng	0.03
7) Phenol-d6	5.41	99	1321970	148.74	ng	0.02
23) Nitrobenzene-d5	6.42	82	837718	102.03	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	277599	153.20	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1383359	87.86	ng	0.00
78) Terphenyl-d14	13.20	244	1342887	113.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.14	88	139546	31.83	ng	97
3) Pyridine	2.66	79	360409	37.61	ng	98
4) n-Nitrosodimethylamine	2.61	42	172515	43.51	ng	90
6) Aniline	5.41	93	323520	27.39	ng	# 79
8) 2-Chlorophenol	5.55	128	388849	45.33	ng	96
9) Benzaldehyde	5.27	77	72631	10.74	ng	98
10) Phenol	5.42	94	482002	44.15	ng	93
11) bis(2-Chloroethyl)ether	5.49	93	354805	44.48	ng	99
12) 1,3-Dichlorobenzene	5.71	146	405978	42.72	ng	100
13) 1,4-Dichlorobenzene	5.80	146	413053	43.20	ng	97
14) 1,2-Dichlorobenzene	5.97	146	379242	43.06	ng	94
15) Benzyl Alcohol	5.95	79	299411	45.41	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.11	45	467531	44.71	ng	72
17) 2-Methylphenol	6.10	107	310028	45.89	ng	93
18) Hexachloroethane	6.35	117	139016	42.41	ng	# 86
19) n-Nitroso-di-n-propylamine	6.27	70	270570	45.95	ng	97
20) 3+4-Methylphenols	6.28	107	430437	46.88	ng	# 61
22) Acetophenone	6.25	105	550812	44.68	ng	# 86
24) Nitrobenzene	6.45	77	389591	45.06	ng	95
25) Isophorone	6.74	82	704922	46.32	ng	94
26) 2-Nitrophenol	6.82	139	221560	47.70	ng	97
27) 2,4-Dimethylphenol	6.90	122	345109	45.74	ng	97
28) bis(2-Chloroethoxy)methane	7.00	93	452411	45.95	ng	100
29) 2,4-Dichlorophenol	7.12	162	335679	47.82	ng	98
30) 1,2,4-Trichlorobenzene	7.21	180	319920	44.09	ng	99
31) Naphthalene	7.30	128	1078061	44.23	ng	100
32) Benzoic acid	7.02	122	46211	11.58	ng	94
33) 4-Chloroaniline	7.37	127	98720	9.74	ng	# 92
34) Hexachlorobutadiene	7.45	225	160252	44.29	ng	99
35) Caprolactam	7.83	113	62317	28.26	ng	96
36) 4-Chloro-3-methylphenol	8.00	107	346747	47.14	ng	90
37) 2-Methylnaphthalene	8.14	142	750804	45.03	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	288062	43.67	ng	99
40) Hexachlorocyclopentadiene	8.33	237	238647	89.43	ng	98

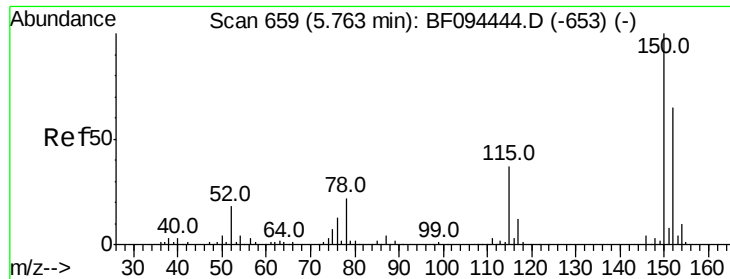
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041917\
 Data File : BF094521.D
 Acq On : 19 Apr 2017 17:45
 Operator : SJ/MA
 Sample : I2752-01MSD
 Misc :
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Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 03:05:42 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	8.50	196	219473	47.38	nq	98
43) 2,4,5-Trichlorophenol	8.55	196	226820	47.68	nq	# 93
45) 1,1'-Biphenyl	8.71	154	776483	41.02	nq	98
46) 2-Chloronaphthalene	8.72	162	644591	42.83	nq	95
47) 2-Nitroaniline	8.86	65	206283	47.65	nq	87
48) Acenaphthylene	9.23	152	1041534	44.39	nq	100
49) Dimethylphthalate	9.11	163	1135688	65.78	nq	99
50) 2,6-Dinitrotoluene	9.17	165	187646	48.42	nq	96
51) Acenaphthene	9.44	154	625648	44.52	nq	100
52) 3-Nitroaniline	9.37	138	89253	19.91	nq	92
53) 2,4-Dinitrophenol	9.51	184	81788	41.86	nq	# 71
54) Dibenzofuran	9.65	168	922958	45.19	nq	99
55) 4-Nitrophenol	9.64	139	281022	88.72	nq	# 76
56) 2,4-Dinitrotoluene	9.67	165	237573	49.96	nq	# 86
57) Fluorene	10.08	166	716408	45.05	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	169347	49.66	nq	96
59) Diethylphthalate	9.97	149	790852	48.55	nq	98
60) 4-Chlorophenyl-phenylether	10.08	204	315121	47.61	nq	92
61) 4-Nitroaniline	10.13	138	186012	40.81	nq	97
62) Azobenzene	10.28	77	747562	47.27	nq	96
64) 4,6-Dinitro-2-methylphenol	10.17	198	106995	38.12	nq	# 63
65) n-Nitrosodiphenylamine	10.24	169	675073	45.31	nq	97
66) 4-Bromophenyl-phenylether	10.68	248	192199	45.18	nq	97
67) Hexachlorobenzene	10.75	284	191336	44.63	nq	# 87
68) Atrazine	10.91	200	203049	45.56	nq	95
69) Pentachlorophenol	11.01	266	171483	100.74	nq	98
70) Phenanthrene	11.25	178	1070520	44.38	nq	99
71) Anthracene	11.32	178	1098022	44.00	nq	98
72) Carbazole	11.52	167	1075096	45.90	nq	98
73) Di-n-butylphthalate	11.97	149	1315933	51.03	nq	98
74) Fluoranthene	12.71	202	1153564	46.14	nq	99
76) Benzidine	12.88	184	377036	29.43	nq	# 93
77) Pyrene	12.99	202	1132841	51.25	nq	99
79) Butylbenzylphthalate	13.81	149	539356	55.68	nq	# 86
80) Benzo(a)anthracene	14.45	228	845564	45.98	nq	99
81) 3,3'-Dichlorobenzidine	14.43	252	186189	28.60	nq	# 97
82) Chrysene	14.50	228	763911	45.46	nq	100
83) Bis(2-ethylhexyl)phthalate	14.52	149	744361	57.23	nq	# 99
84) Di-n-octyl phthalate	15.28	149	1113289	51.03	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	791517	49.50	nq	99
87) Benzo(b)fluoranthene	15.69	252	781942	47.81	nq	98
88) Benzo(k)fluoranthene	15.69	252	781942	50.52	nq	97
89) Benzo(a)pyrene	16.04	252	673742	44.28	nq	100
90) Dibenzo(a,h)anthracene	17.39	278	648771	51.35	nq	98
91) Benzo(g,h,i)perylene	17.74	276	689654	53.62	nq	98

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

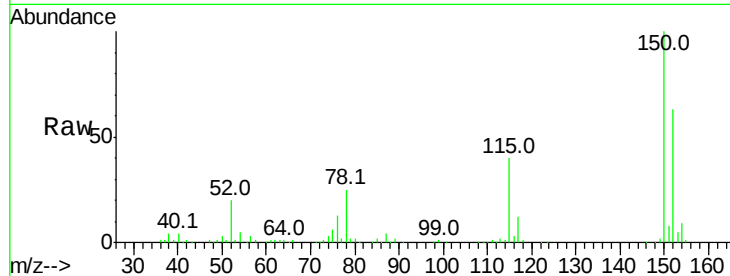


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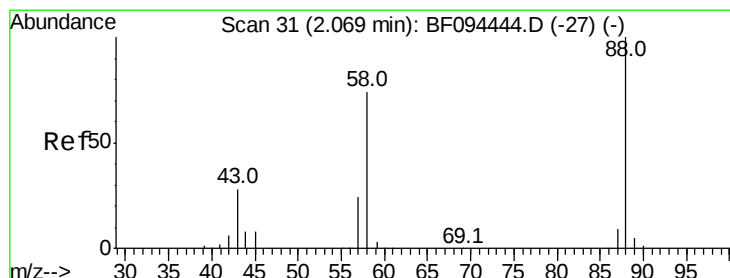
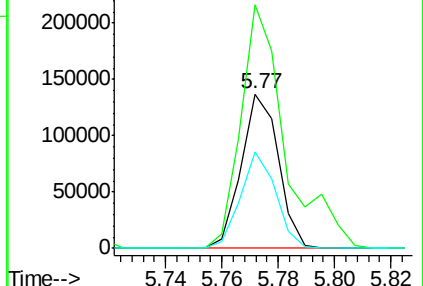
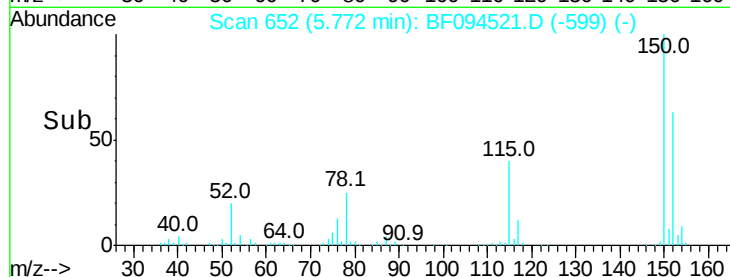
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094521.D
Acq: 19 Apr 2017 17:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 125073
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.2
115 62.6 52.2 78.2



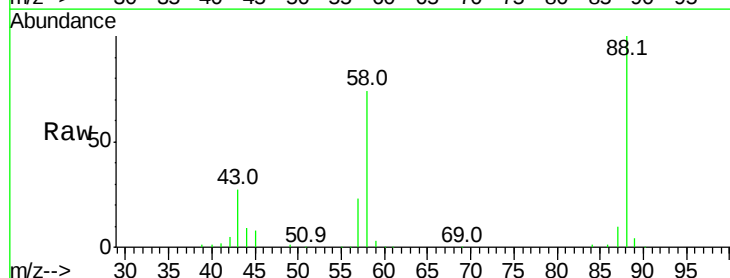
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



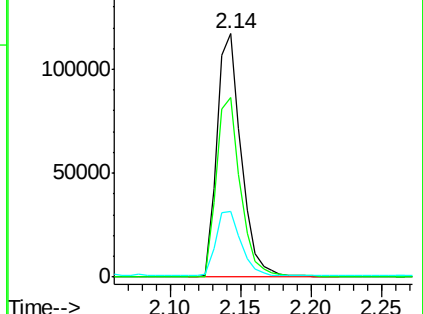
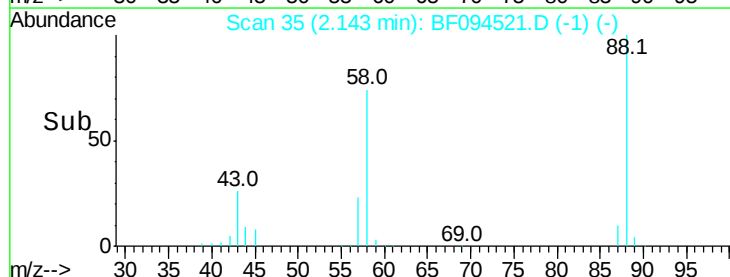
#2

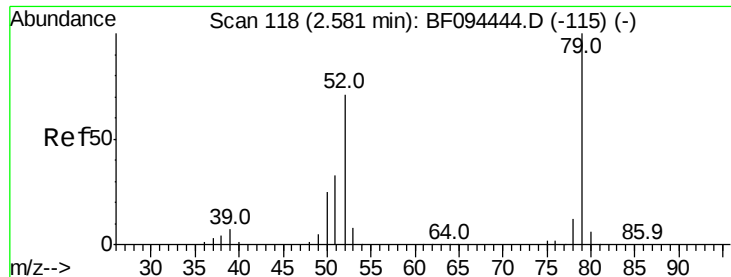
1,4-Dioxane
Concen: 31.83 ng
RT: 2.14 min Scan# 35
Delta R.T. 0.07 min
Lab File: BF094521.D
Acq: 19 Apr 2017 17:45

Tgt Ion: 88 Resp: 139546
Ion Ratio Lower Upper
88 100
58 73.8 61.4 92.0
43 27.5 23.4 35.0



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





#3

Pvridine

Concen: 37.61 ng

RT: 2.66 min Scan# 123

Delta R.T. 0.08 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

Instrument :

BNA_F

ClientSampleId :

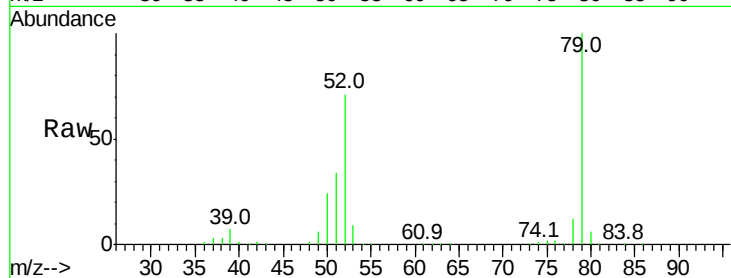
Tot Ion: 79 Resp: 360409

Ion Ratio Lower Upper

79 100

52 71.2 54.8 82.2

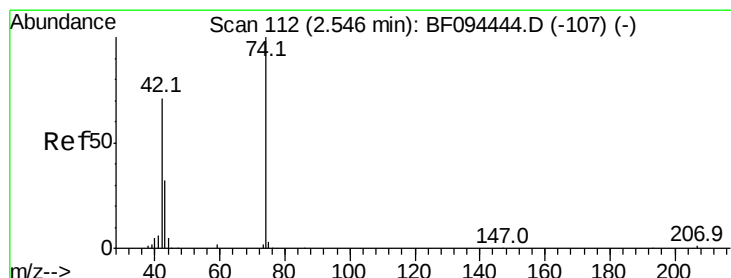
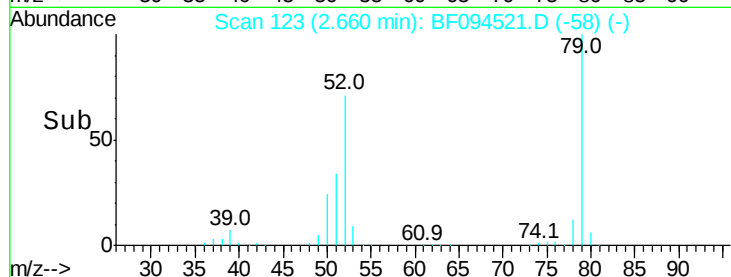
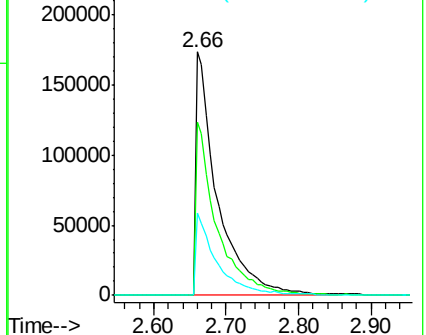
51 33.6 27.0 40.4



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: 43.51 ng

RT: 2.61 min Scan# 114

Delta R.T. 0.06 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

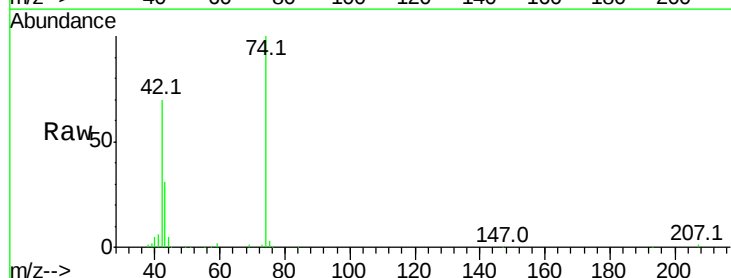
Tgt Ion: 42 Resp: 172515

Ion Ratio Lower Upper

42 100

74 142.4 103.9 155.9

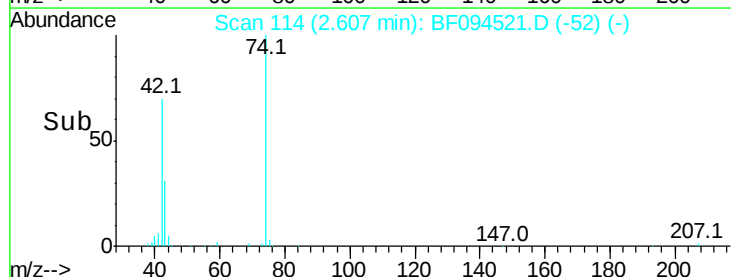
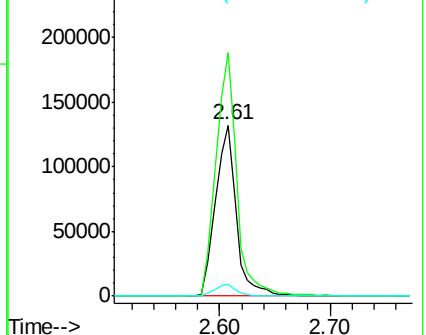
44 7.0 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 141.49 ng

RT: 4.34 min Scan# 408

Delta R.T. 0.03 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

Instrument :

BNA_F

ClientSampled :

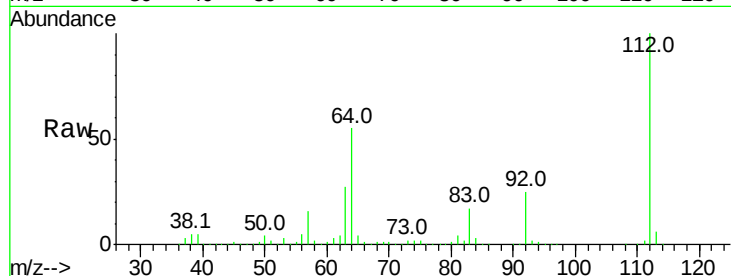
Tot Ion:112 Resp: 1066650

Ion Ratio Lower Upper

112 100

64 54.8 46.0 69.0

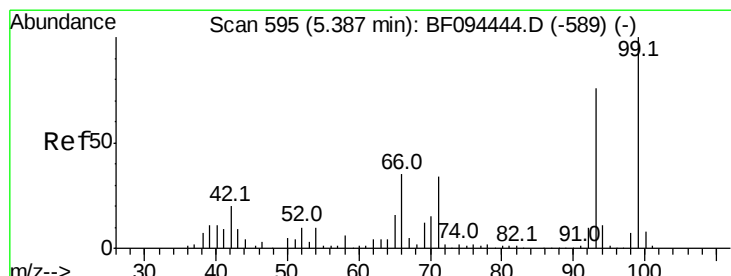
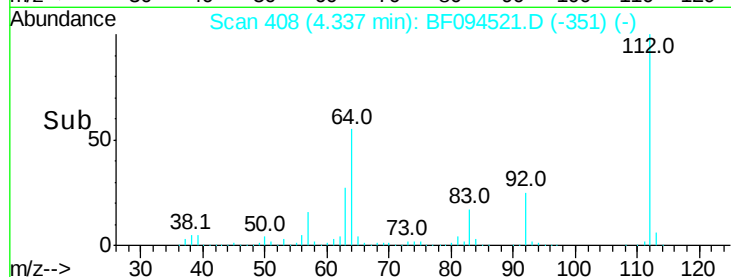
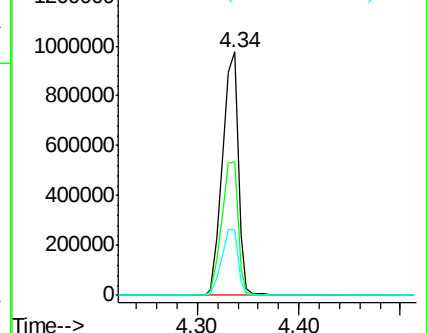
63 27.0 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.39 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.02 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

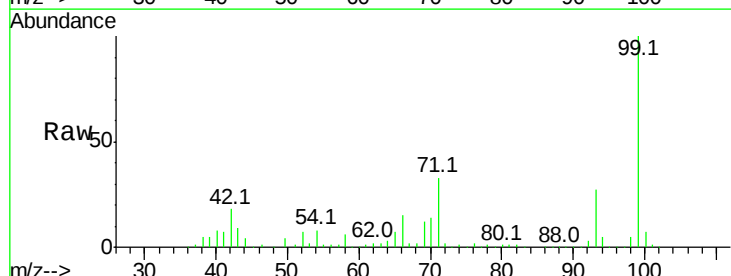
Tgt Ion: 93 Resp: 323520

Ion Ratio Lower Upper

93 100

66 57.0 32.9 49.3#

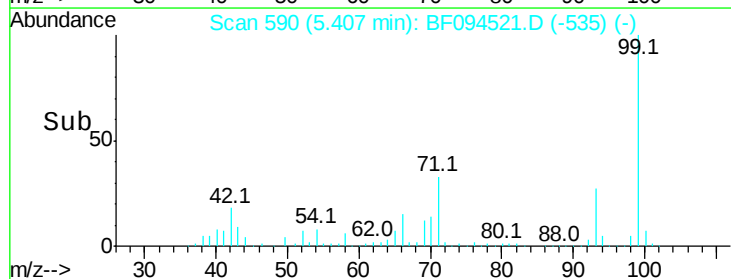
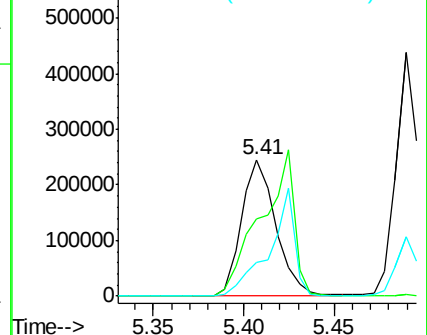
65 24.9 16.0 24.0#

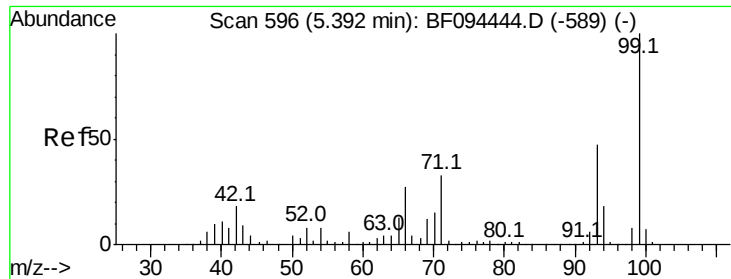


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 148.74 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.02 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

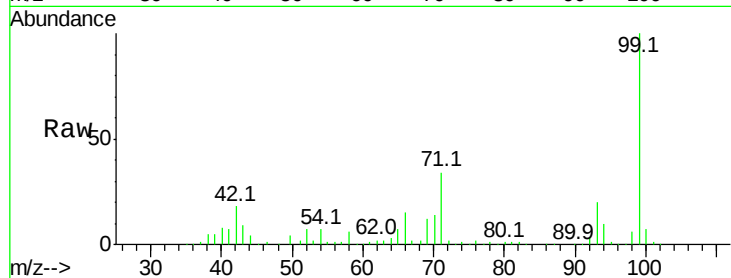
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1321970

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.5	20.3
71	33.9	24.5	36.7

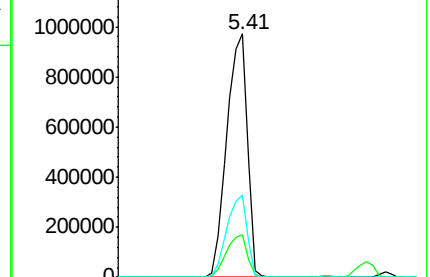
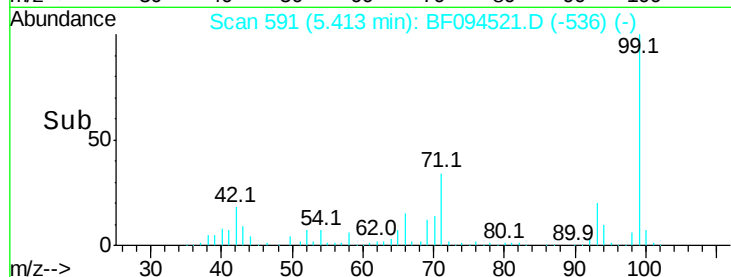


Abundance

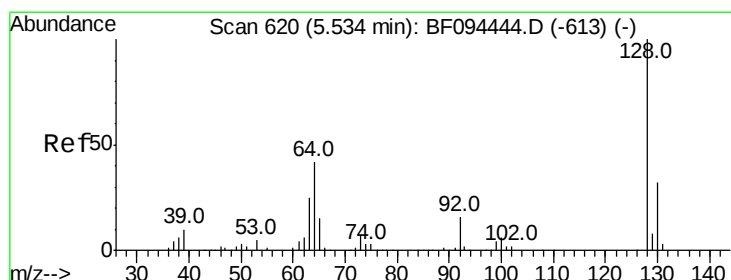
Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 45.33 ng

RT: 5.55 min Scan# 614

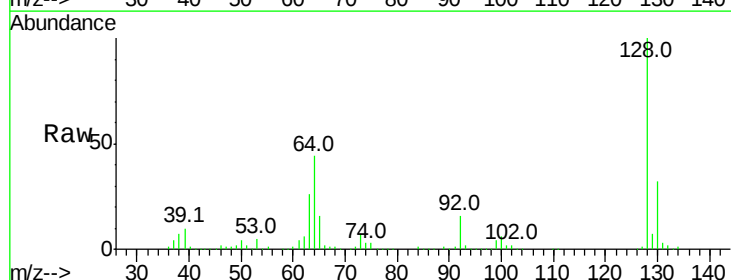
Delta R.T. 0.01 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

Tgt Ion:128 Resp: 388849

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.9	52.9
64	44.0	28.4	68.4

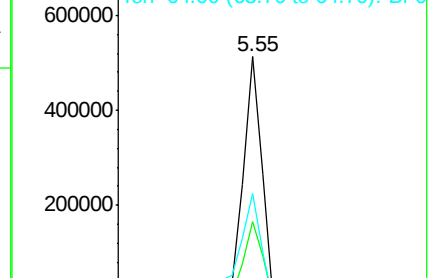
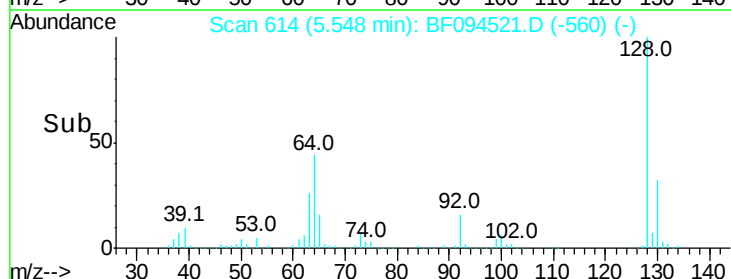


Abundance

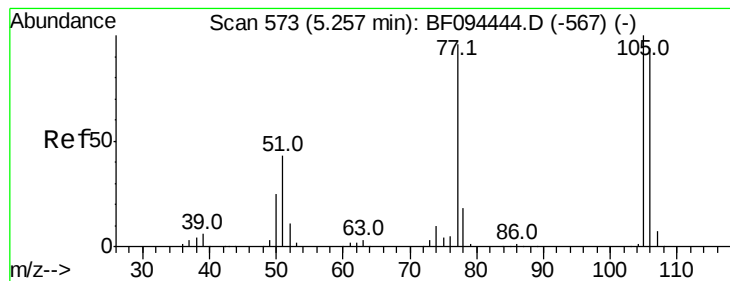
Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



Time-->



#9

Benzaldehyde

Concen: 10.74 ng

RT: 5.27 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

Instrument :

BNA_F

ClientSampled :

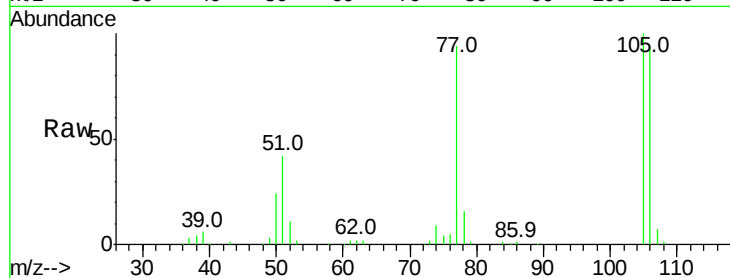
Tot Ion: 77 Resp: 72631

Ion Ratio Lower Upper

77 100

105 106.0 83.8 123.8

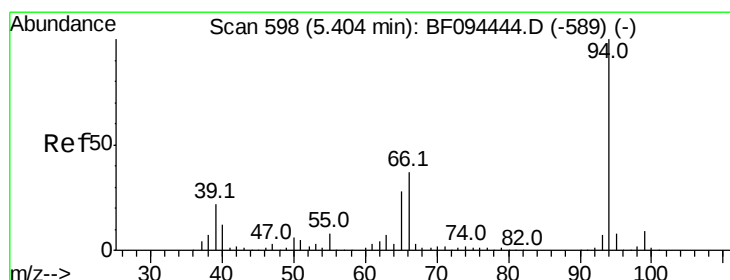
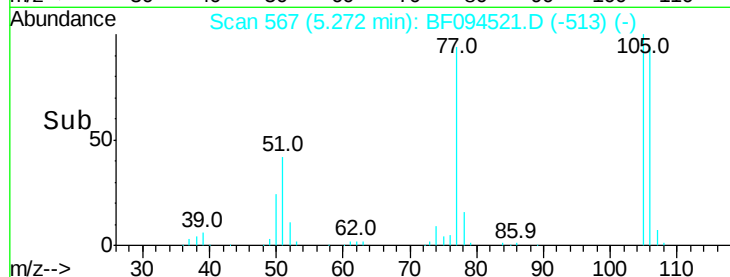
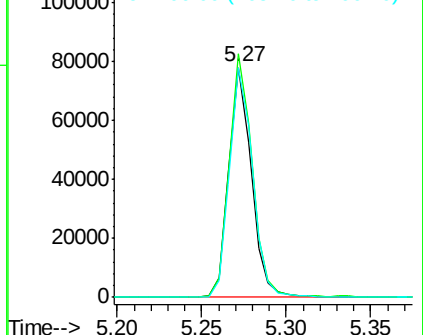
106 100.1 79.1 119.1



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: 44.15 ng

RT: 5.42 min Scan# 593

Delta R.T. 0.02 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

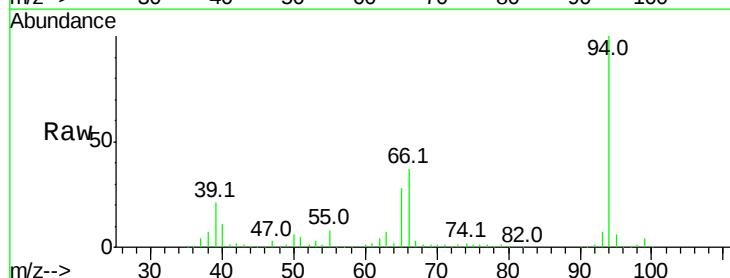
Tgt Ion: 94 Resp: 482002

Ion Ratio Lower Upper

94 100

65 27.8 9.9 49.9

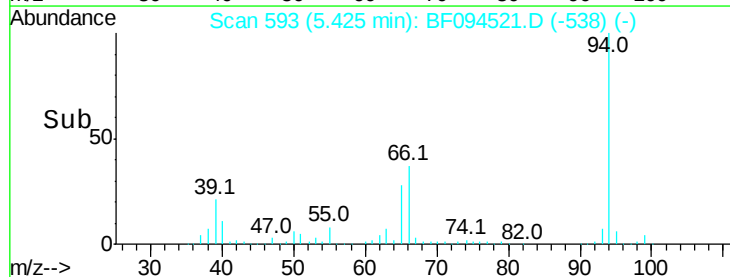
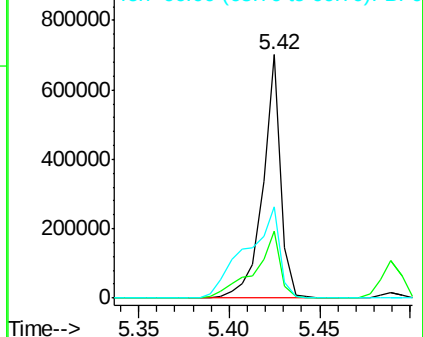
66 37.4 23.1 63.1



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: 44.48 ng

RT: 5.49 min Scan# 604

Delta R.T. 0.01 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

Instrument :

BNA_F

ClientSampled :

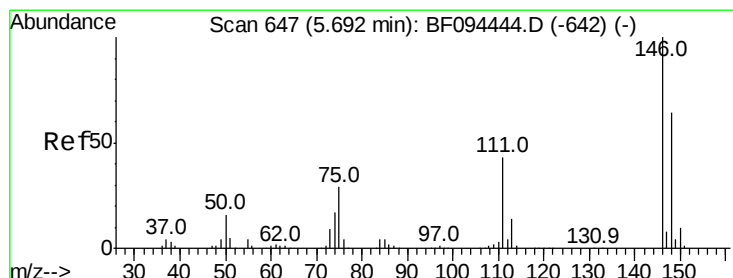
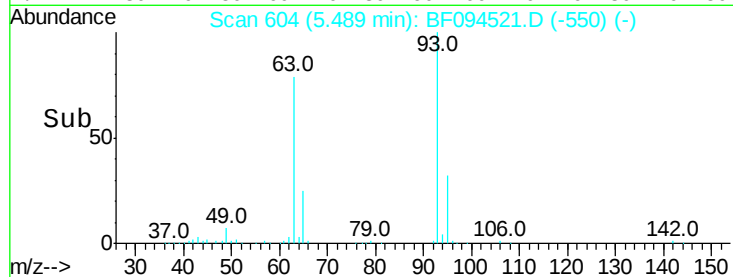
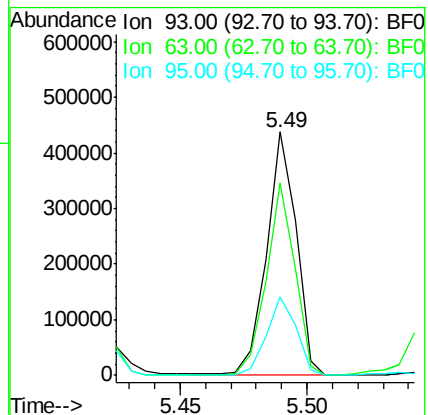
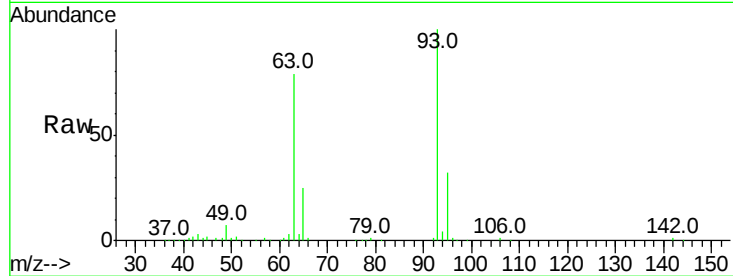
Tot Ion: 93 Resp: 354805

Ion Ratio Lower Upper

93 100

63 78.8 59.2 99.2

95 32.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 42.72 ng

RT: 5.71 min Scan# 641

Delta R.T. 0.01 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

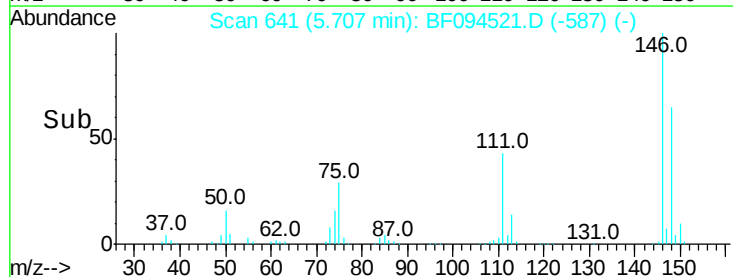
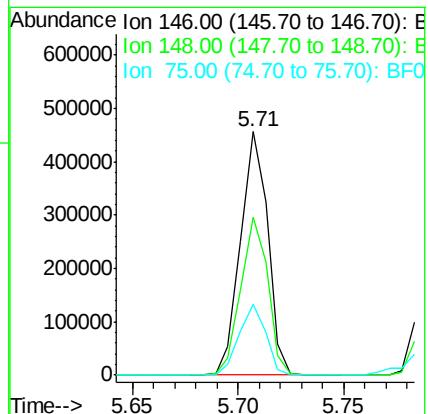
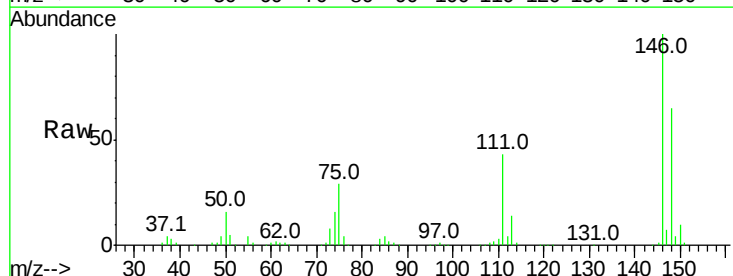
Tgt Ion: 146 Resp: 405978

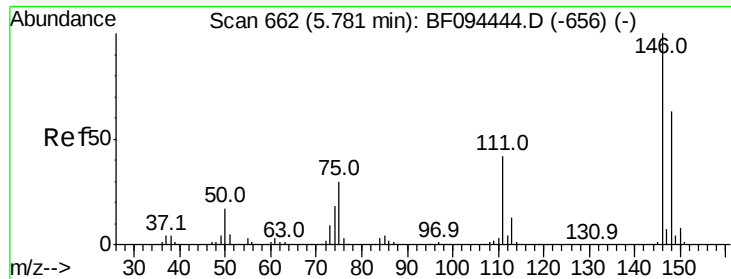
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.6

75 28.9 23.1 34.7

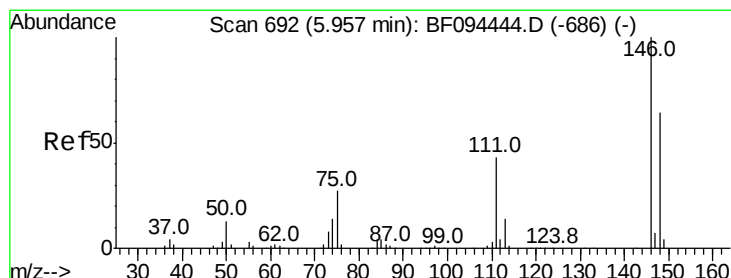
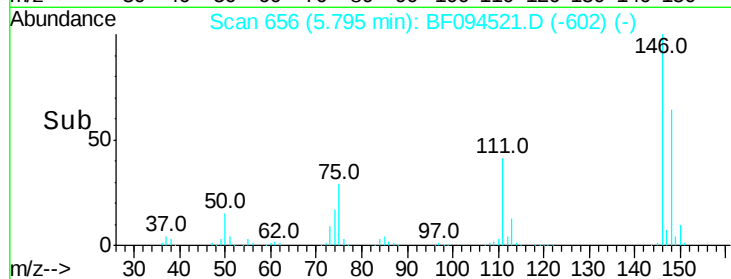
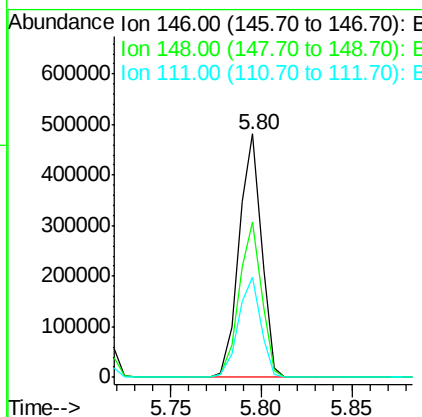
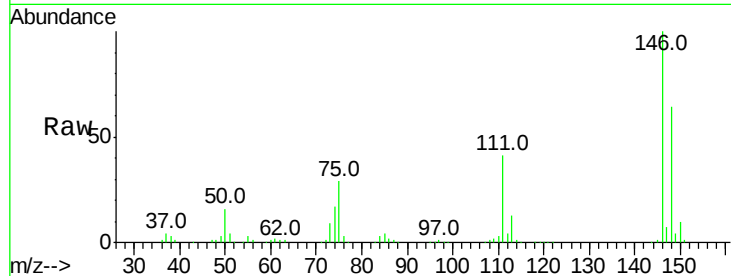




#13
 1,4-Dichlorobenzene
 Concen: 43.20 ng
 RT: 5.80 min Scan# 656
 Delta R.T. 0.01 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

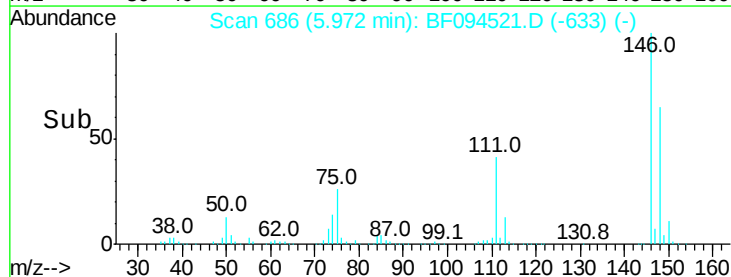
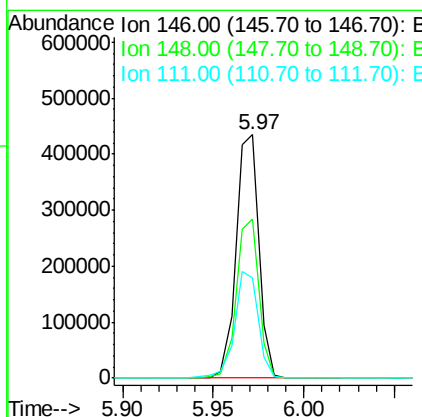
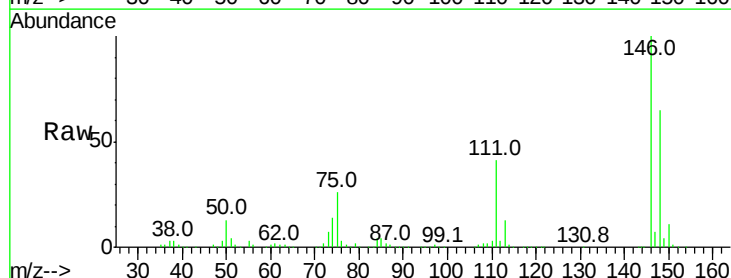
Instrument :
 BNA_F
 ClientSampleId :

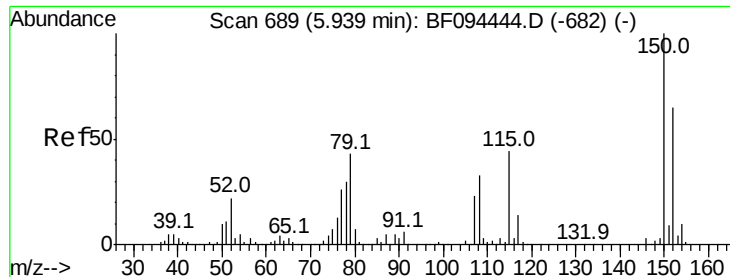
Tot Ion:146 Resp: 413053
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.2 78.2
 111 41.4 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 43.06 ng
 RT: 5.97 min Scan# 686
 Delta R.T. 0.01 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

Tgt Ion:146 Resp: 379242
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.4 75.6
 111 41.4 38.2 57.4

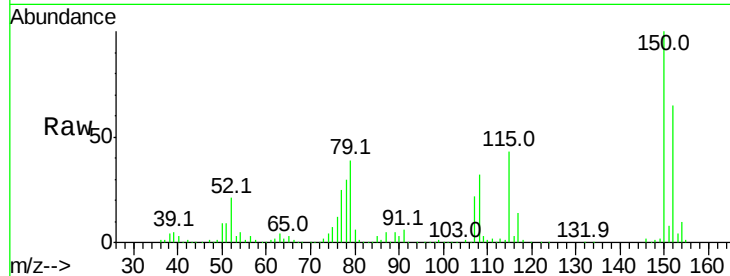




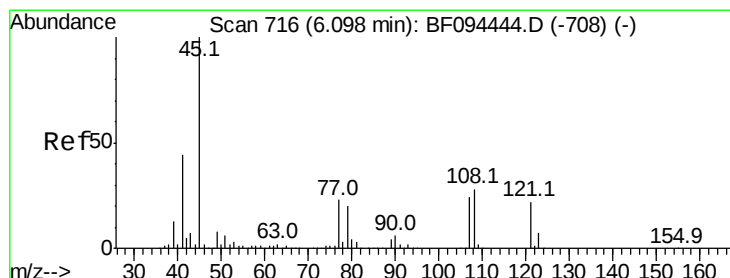
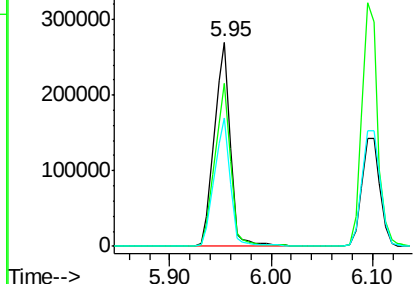
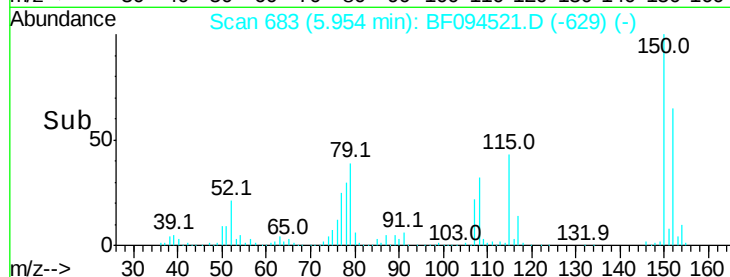
#15
Benzyl Alcohol
Concen: 45.41 ng
RT: 5.95 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF094521.D
Acq: 19 Apr 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 299411
Ion Ratio Lower Upper
79 100
108 80.0 63.4 95.0
77 62.6 49.2 73.8

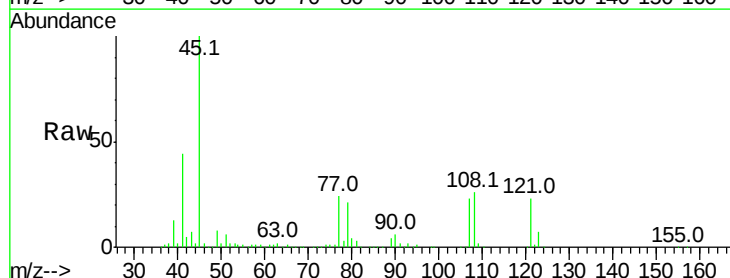


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

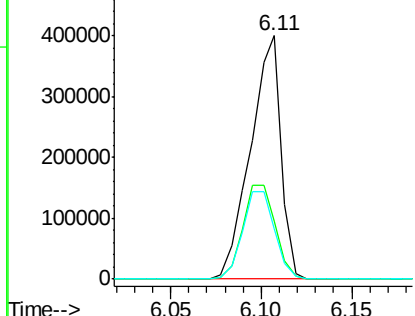
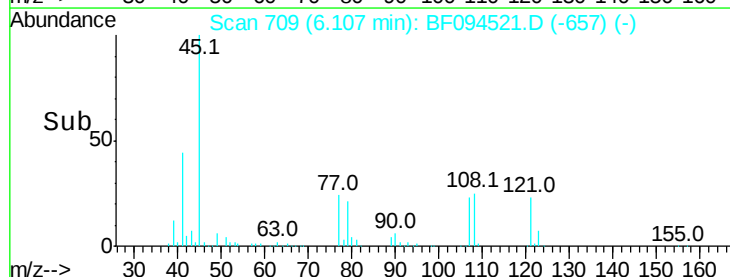


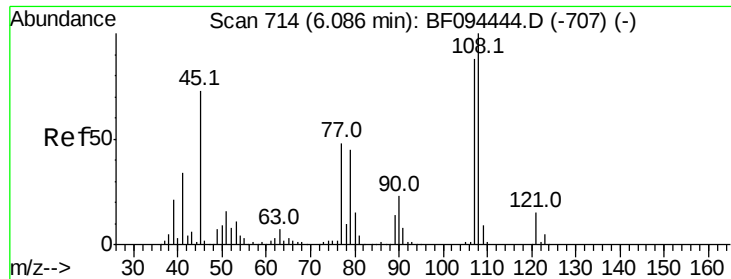
#16
2,2'-oxybis(1-chloropropane)
Concen: 44.71 ng
RT: 6.11 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF094521.D
Acq: 19 Apr 2017 17:45

Tgt Ion: 45 Resp: 467531
Ion Ratio Lower Upper
45 100
77 24.1 0.0 33.2
79 20.7 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

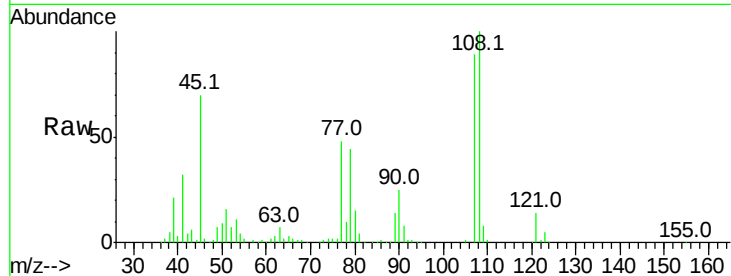




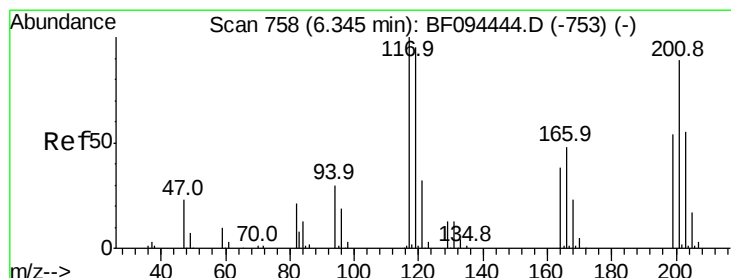
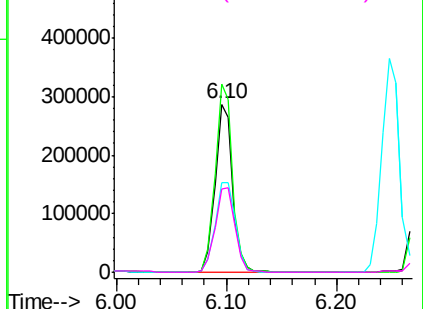
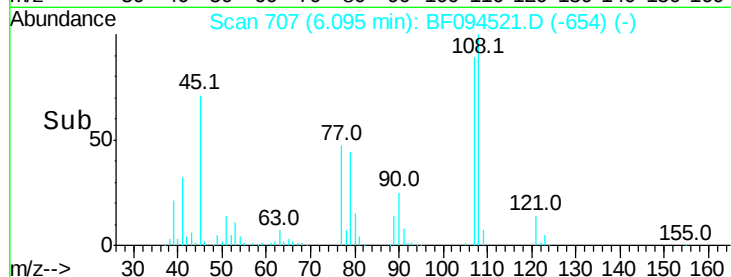
#17
2-Methylphenol
Concen: 45.89 ng
RT: 6.10 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF094521.D
Acq: 19 Apr 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 310028
Ion Ratio Lower Upper
107 100
108 112.5 93.4 140.0
77 53.6 35.8 53.6
79 49.8 34.8 52.2

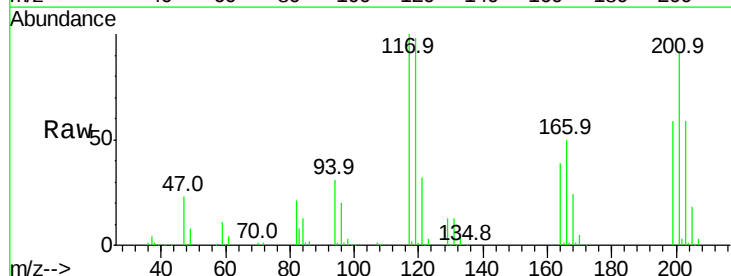


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

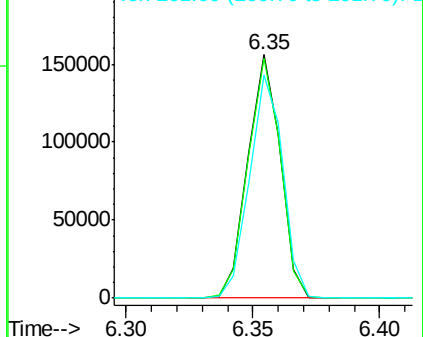
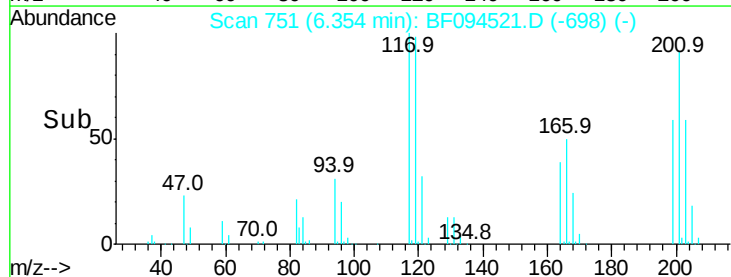


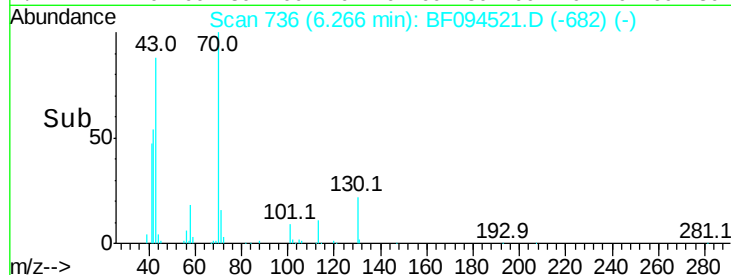
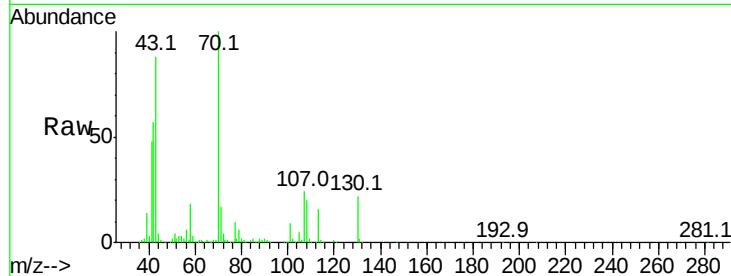
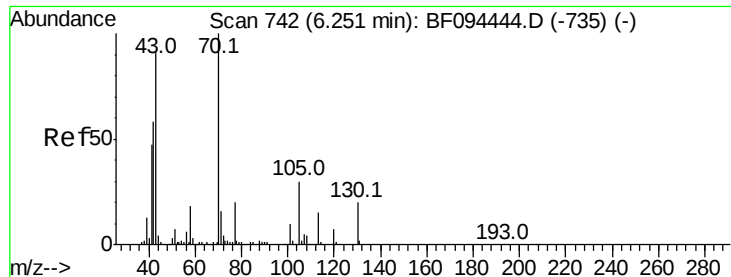
#18
Hexachloroethane
Concen: 42.41 ng
RT: 6.35 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF094521.D
Acq: 19 Apr 2017 17:45

Tgt Ion:117 Resp: 139016
Ion Ratio Lower Upper
117 100
119 98.4 77.4 116.0
201 91.5 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

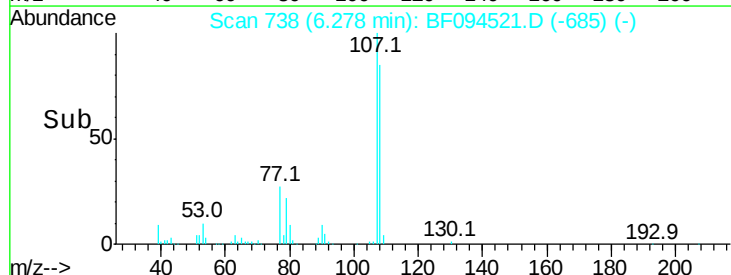
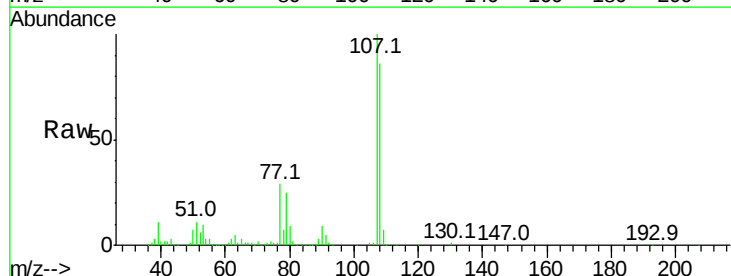
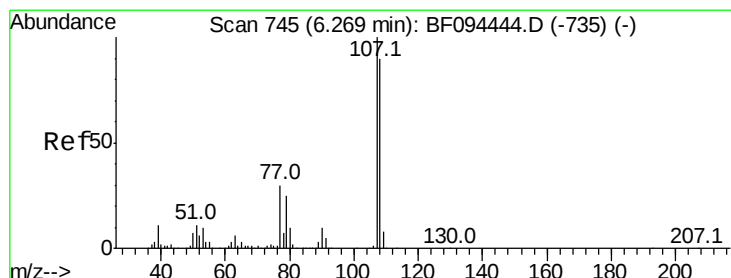
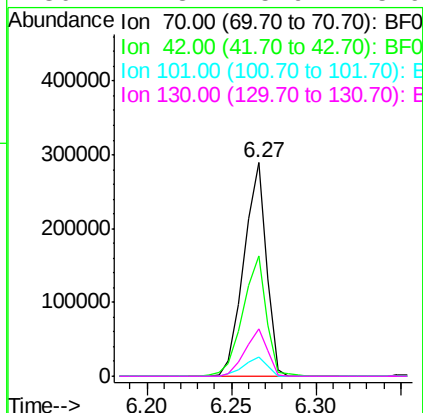




#19
n-Nitroso-di-n-propylamine
Concen: 45.95 ng
RT: 6.27 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF094521.D
Acq: 19 Apr 2017 17:45

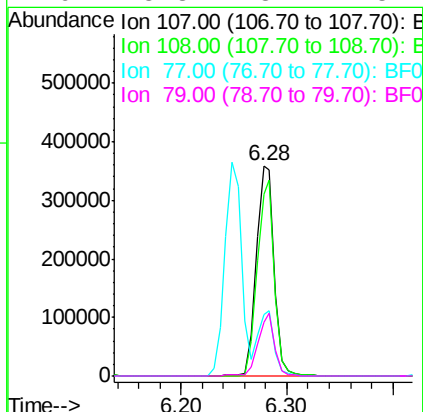
Instrument :
BNA_F
ClientSampleId :

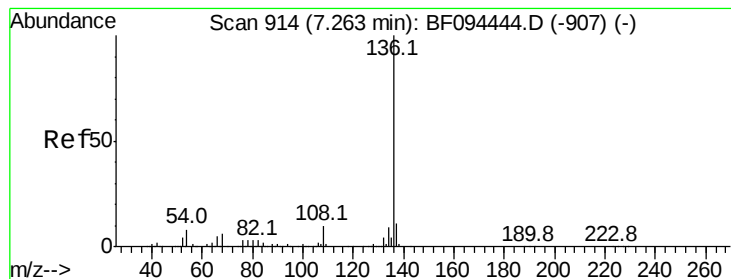
Tot Ion:	70	Resp:	270570
Ion	Ratio	Lower	Upper
70	100		
42	56.5	47.2	70.8
101	9.1	7.2	10.8
130	22.3	15.9	23.9



#20
3+4-Methylphenols
Concen: 46.88 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094521.D
Acq: 19 Apr 2017 17:45

Tgt Ion:	107	Resp:	430437
Ion	Ratio	Lower	Upper
107	100		
108	86.3	71.0	111.0
77	29.5	90.5	130.5#
79	25.3	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 506972

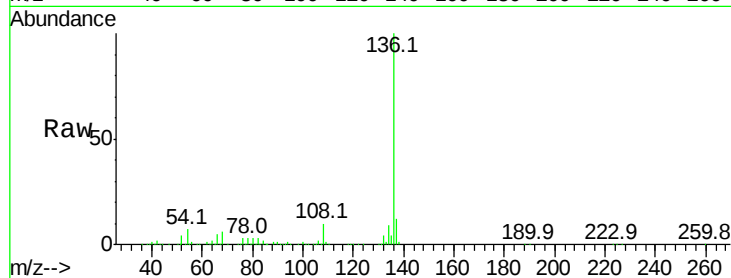
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 7.4 4.9 7.3#

68 5.8 4.1 6.1

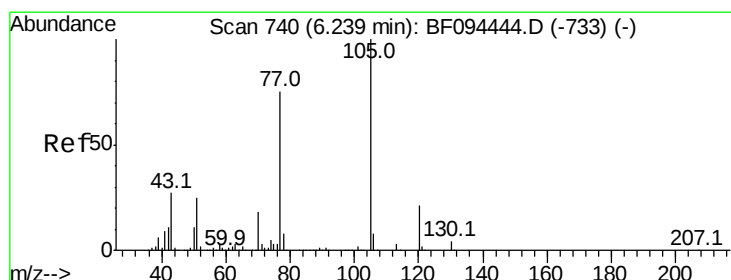
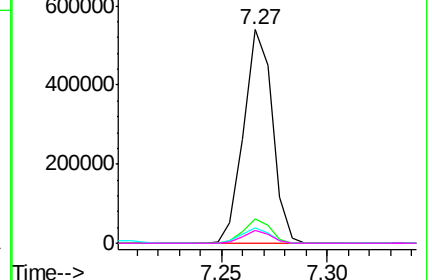
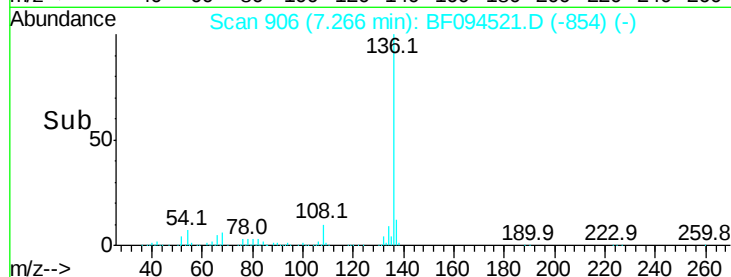


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.68 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

Tgt Ion:105 Resp: 550812

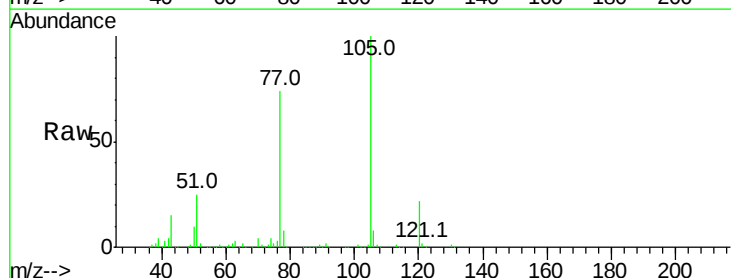
Ion Ratio Lower Upper

105 100

71 0.8 2.8 4.2#

51 24.8 30.7 46.1#

120 21.6 17.4 26.0

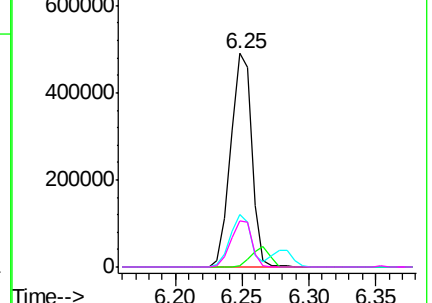
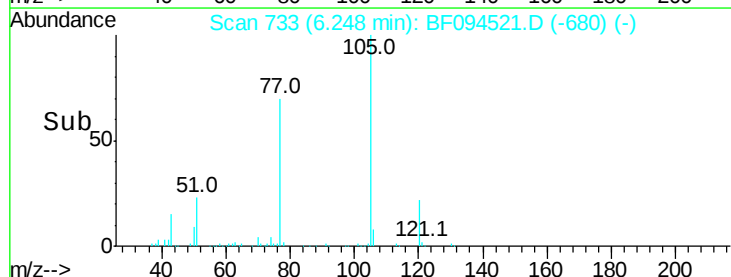


Abundance Ion 105.00 (104.70 to 105.70): E

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



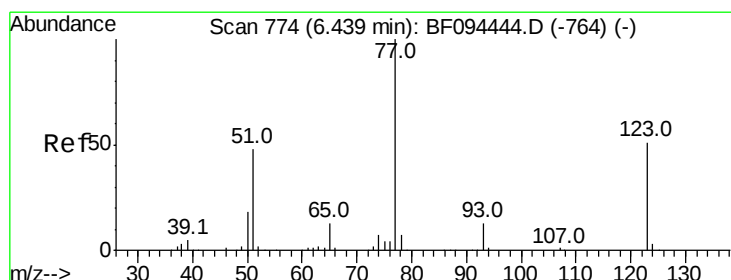
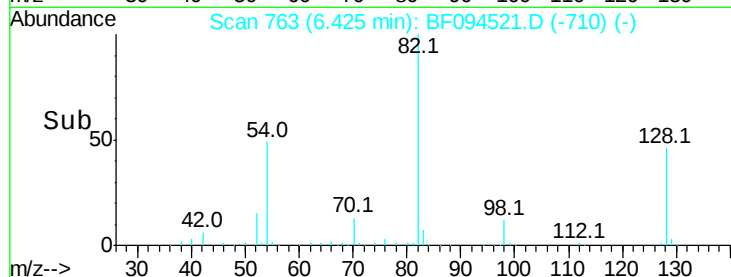
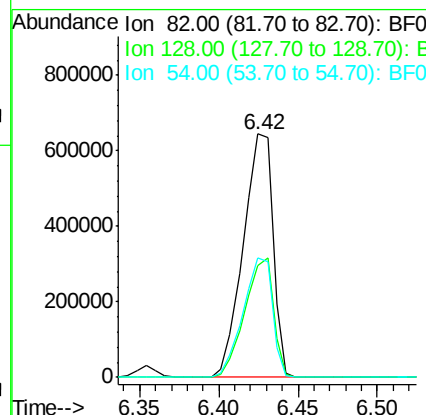
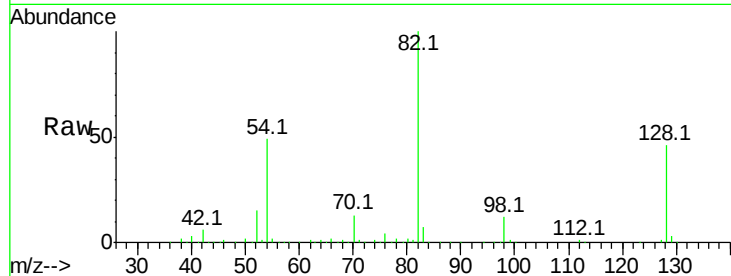


#23
 Nitrobenzene-d5
 Concen: 102.03 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 837718

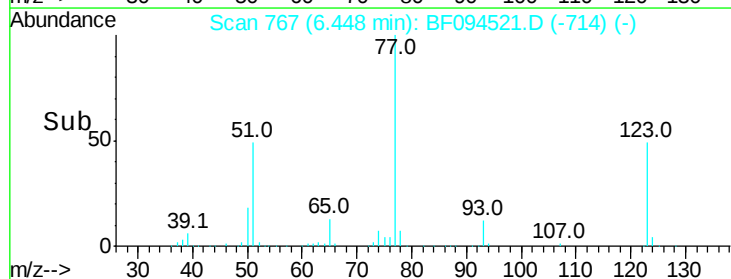
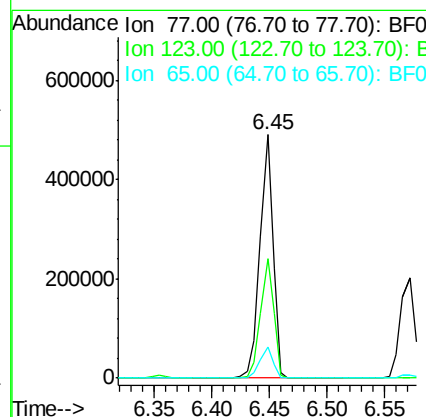
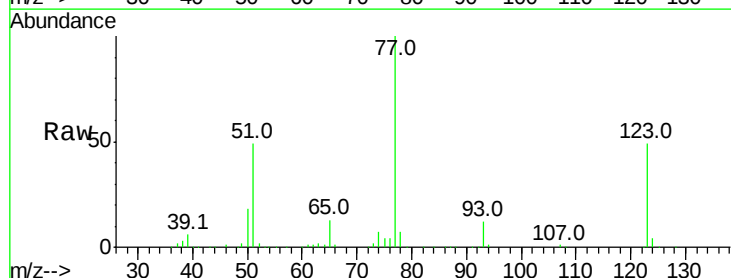
Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	49.3	42.2	63.2

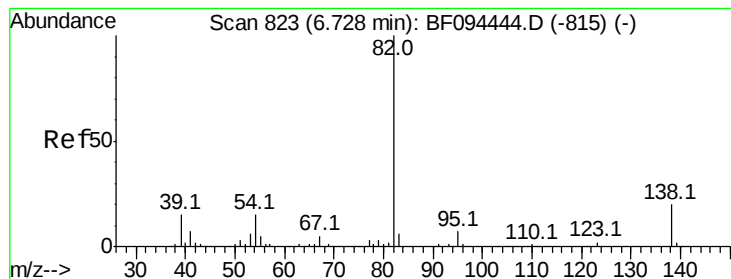


#24
 Nitrobenzene
 Concen: 45.06 ng
 RT: 6.45 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

Tgt Ion: 77 Resp: 389591

Ion	Ratio	Lower	Upper
77	100		
123	48.8	35.8	53.8
65	12.9	10.6	15.8





#25

Isophorone

Concen: 46.32 ng

RT: 6.74 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

Instrument :

BNA_F

ClientSampleId :

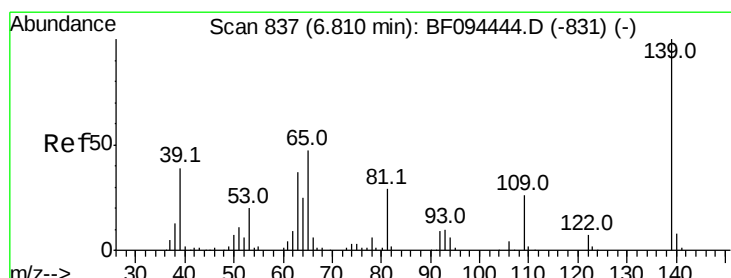
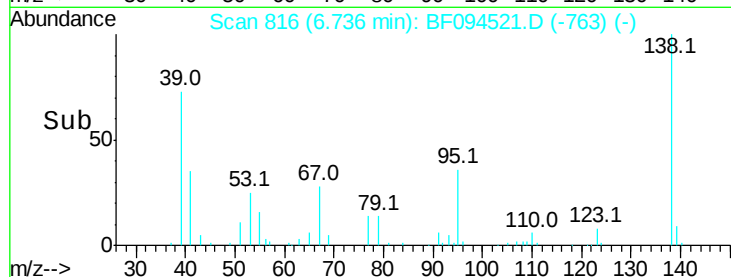
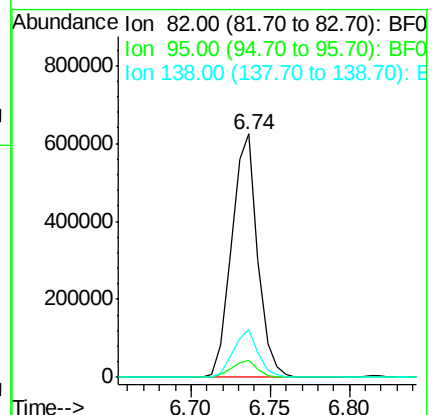
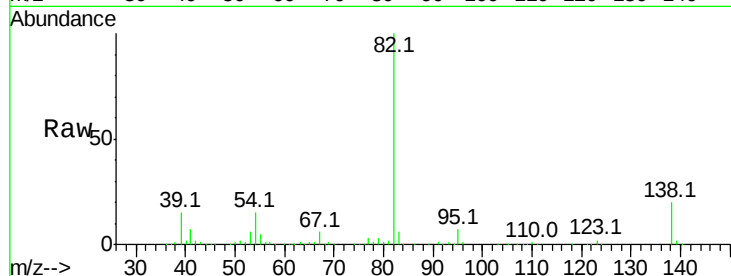
Tot Ion: 82 Resp: 704922

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 19.6 13.1 19.7



#26

2-Nitrophenol

Concen: 47.70 ng

RT: 6.82 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

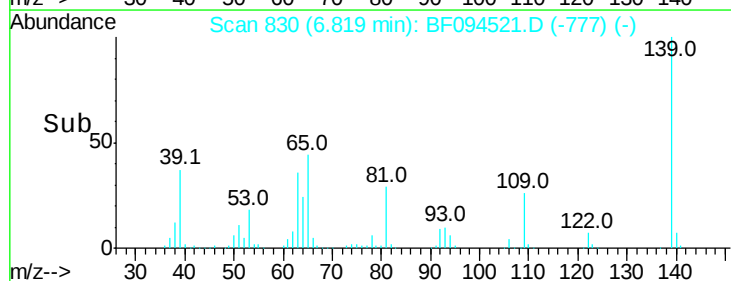
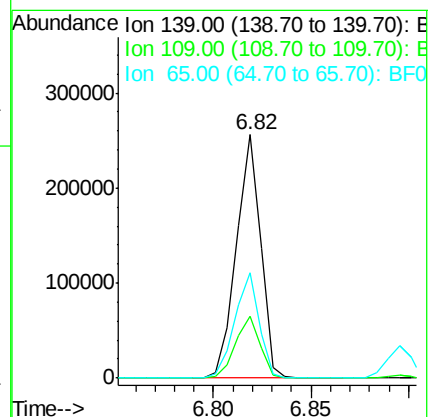
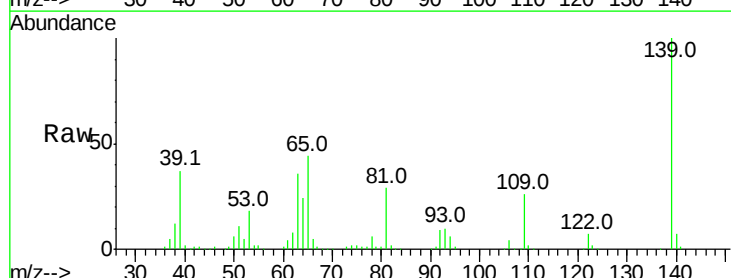
Tgt Ion:139 Resp: 221560

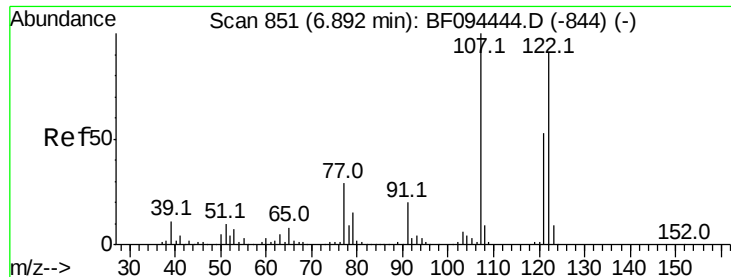
Ion Ratio Lower Upper

139 100

109 25.5 21.0 31.6

65 43.5 33.0 49.6

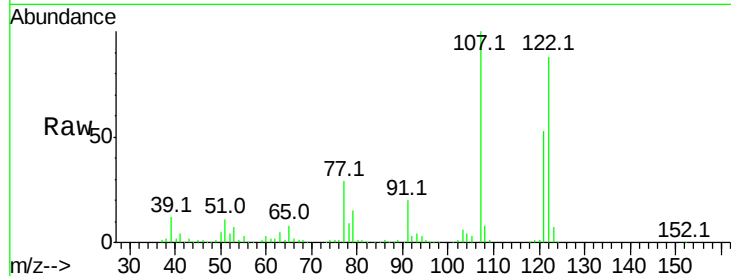




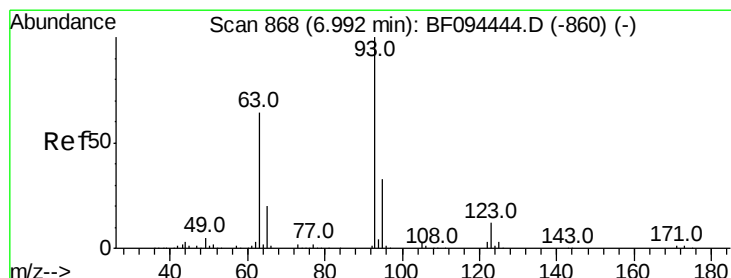
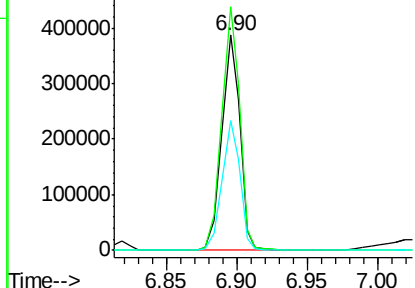
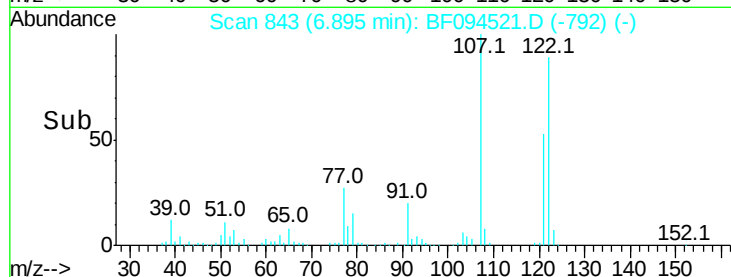
#27
 2,4-Dimethylphenol
 Concen: 45.74 ng
 RT: 6.90 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 345109
 Ion Ratio Lower Upper
 122 100
 107 113.1 89.2 133.8
 121 60.3 45.2 67.8

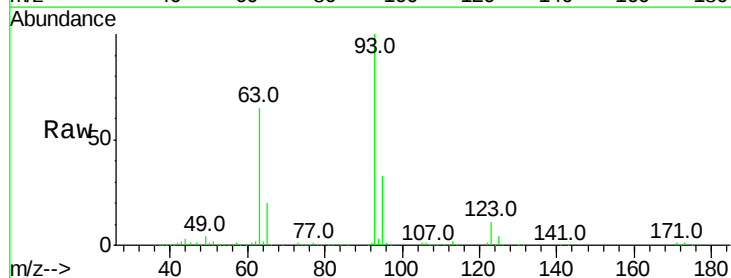


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

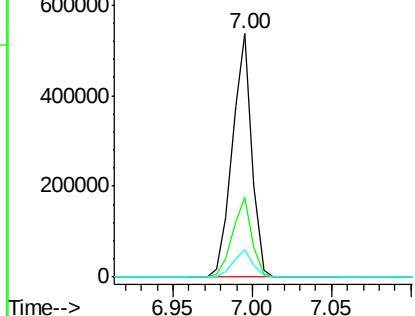
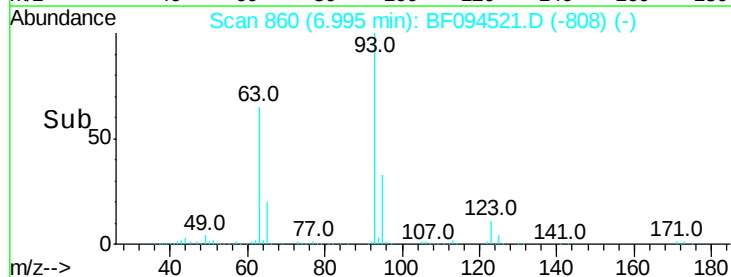


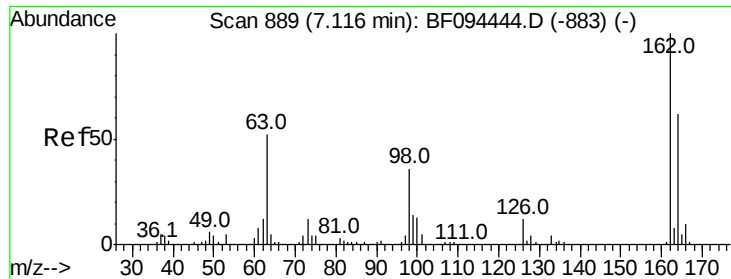
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.95 ng
 RT: 7.00 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

Tgt Ion: 93 Resp: 452411
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.5 39.7
 123 11.0 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

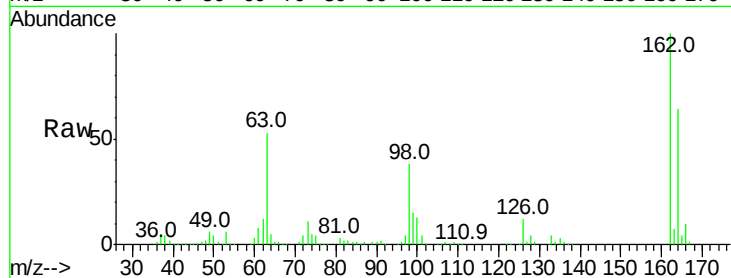




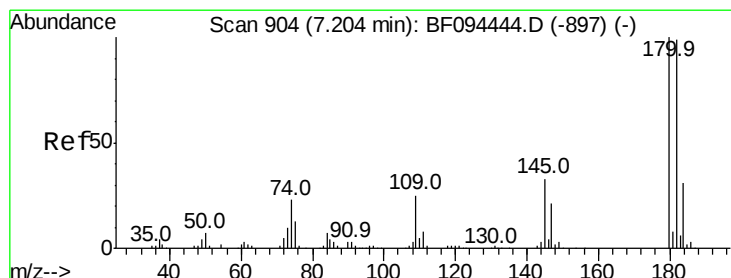
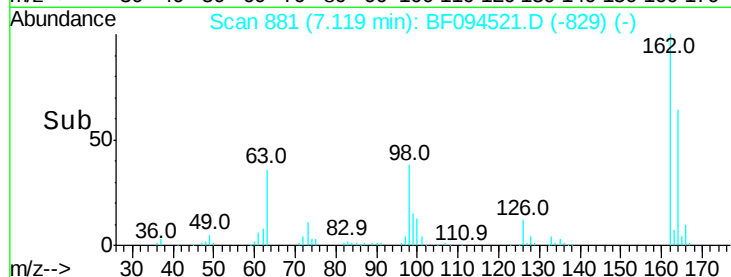
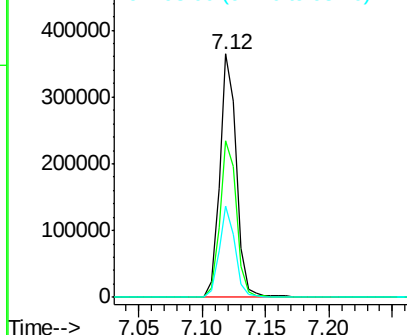
#29
 2,4-Dichlorophenol
 Concen: 47.82 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.6	84.6
98	37.6	14.8	54.8

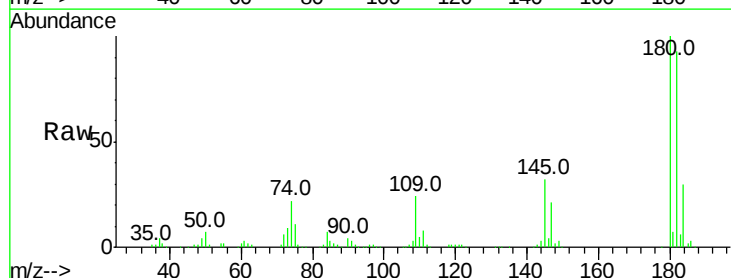


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

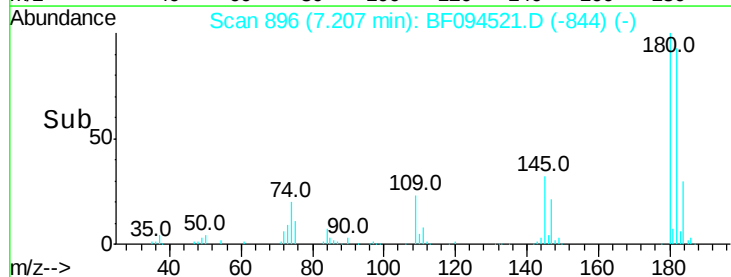
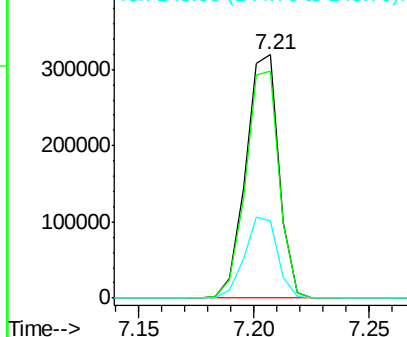


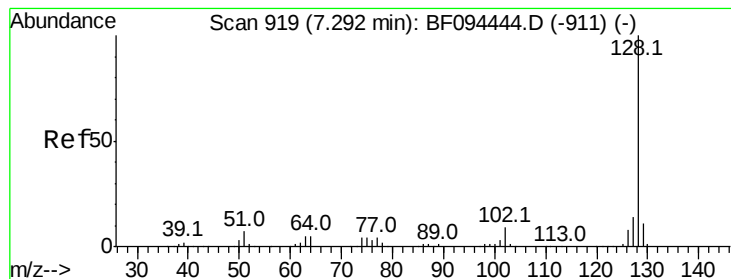
#30
 1,2,4-Trichlorobenzene
 Concen: 44.09 ng
 RT: 7.21 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.8	113.6
145	31.7	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: 44.23 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

Instrument :

BNA_F

ClientSampleId :

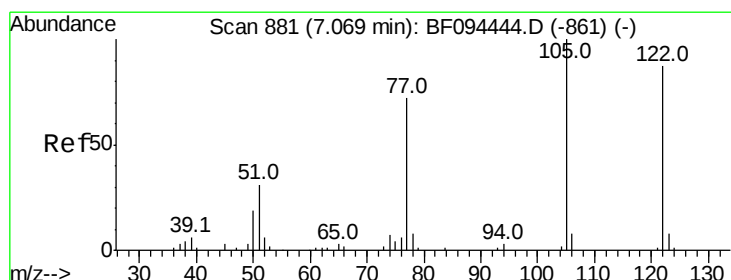
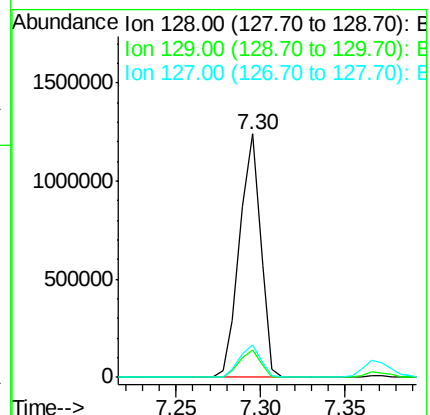
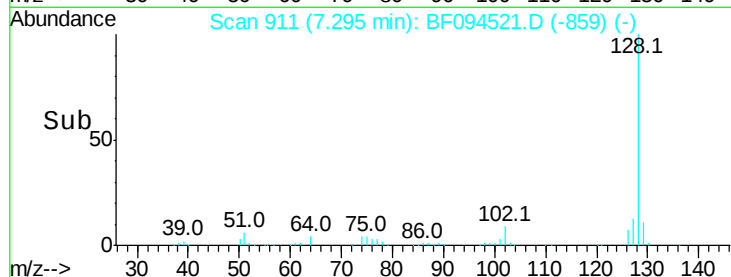
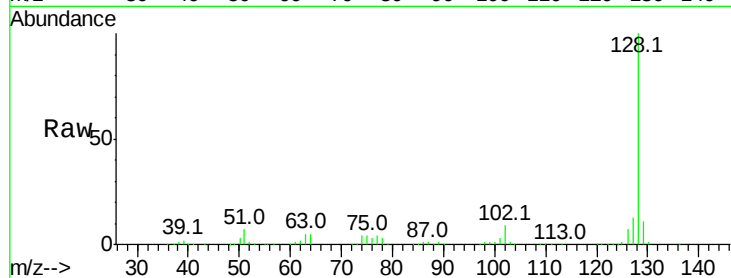
Tot Ion:128 Resp: 1078061

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.5 10.8 16.2



#32

Benzoic acid

Concen: 11.58 ng

RT: 7.02 min Scan# 865

Delta R.T. -0.04 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

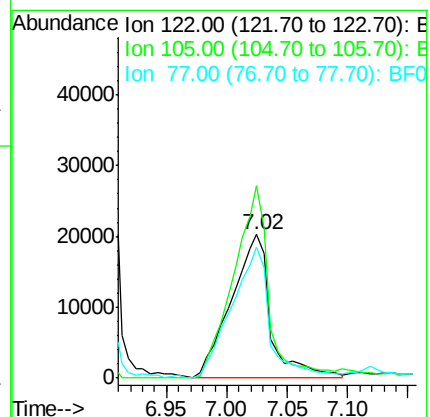
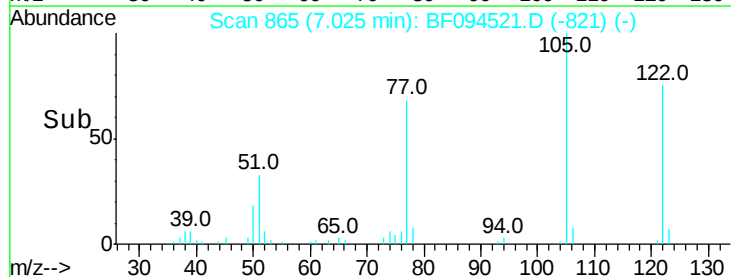
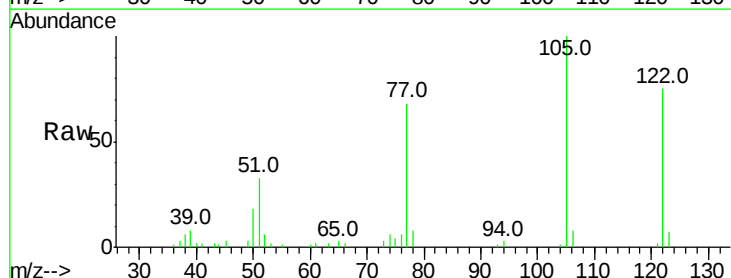
Tgt Ion:122 Resp: 46211

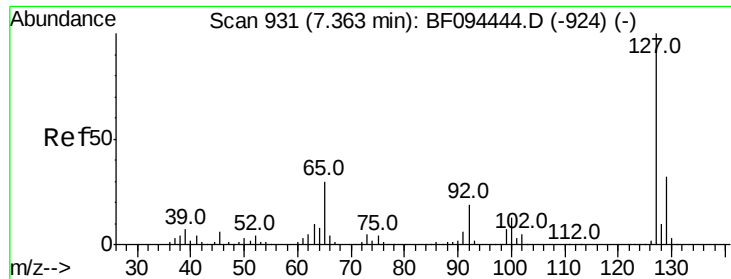
Ion Ratio Lower Upper

122 100

105 133.7 103.3 143.3

77 91.0 73.7 113.7

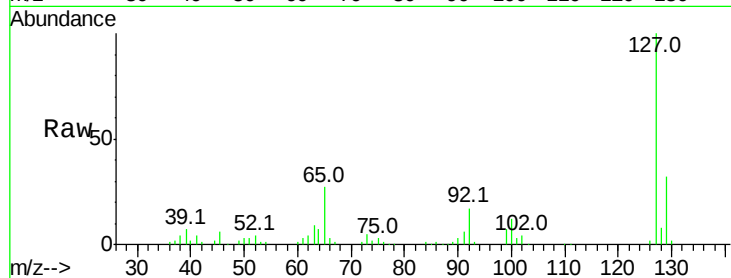




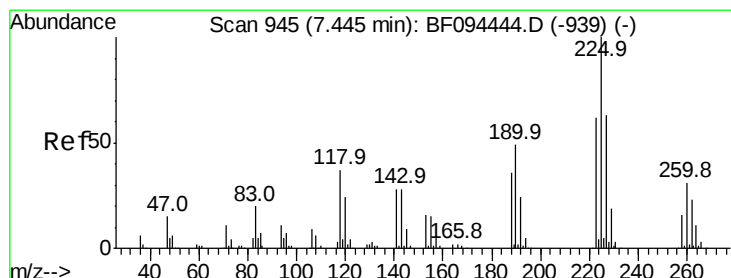
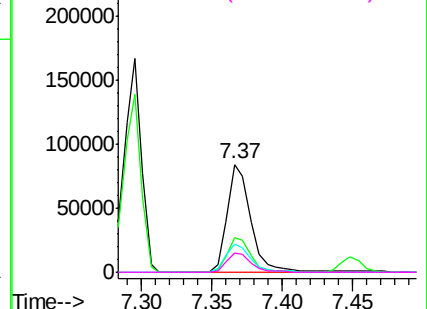
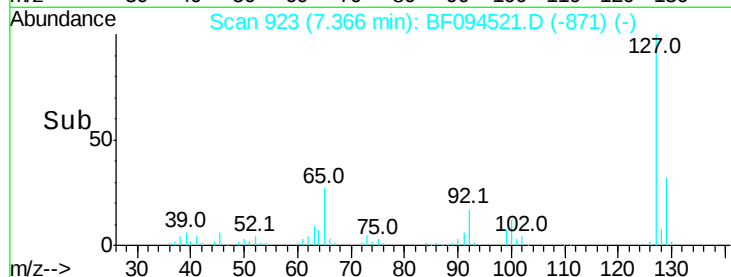
#33
4-Chloroaniline
Concen: 9.74 ng
RT: 7.37 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF094521.D
Acq: 19 Apr 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	98720
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	26.5	27.8	41.8#
92	17.4	16.8	25.2

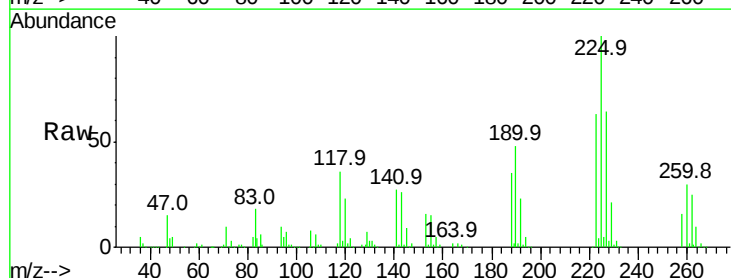


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

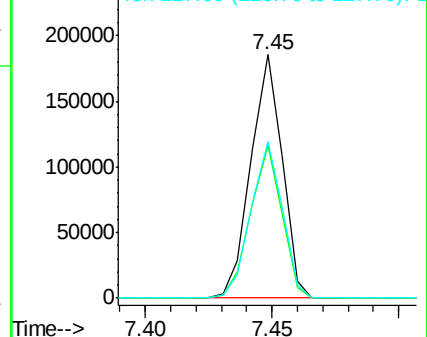
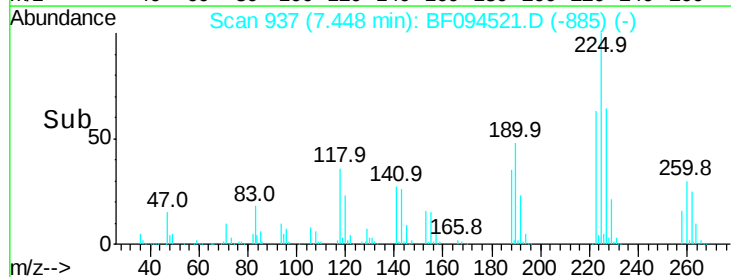


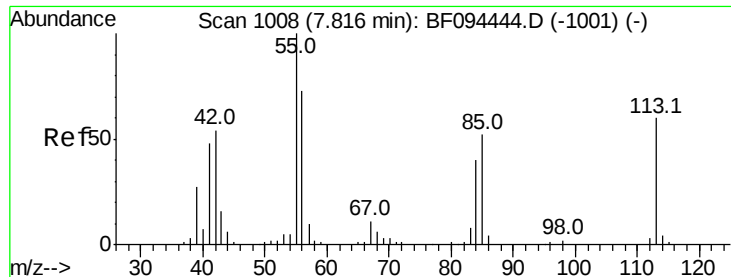
#34
Hexachlorobutadiene
Concen: 44.29 ng
RT: 7.45 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF094521.D
Acq: 19 Apr 2017 17:45

Tgt Ion:	225	Resp:	160252
Ion	Ratio	Lower	Upper
225	100		
223	62.6	48.8	73.2
227	64.5	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.26 ng

RT: 7.83 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

Instrument :

BNA_F

ClientSampleId :

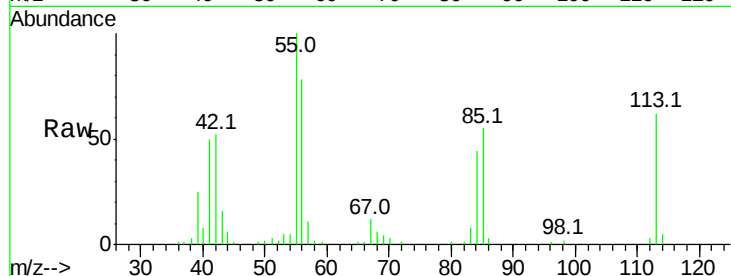
Tot Ion:113 Resp: 62317

Ion Ratio Lower Upper

113 100

55 161.9 150.2 190.2

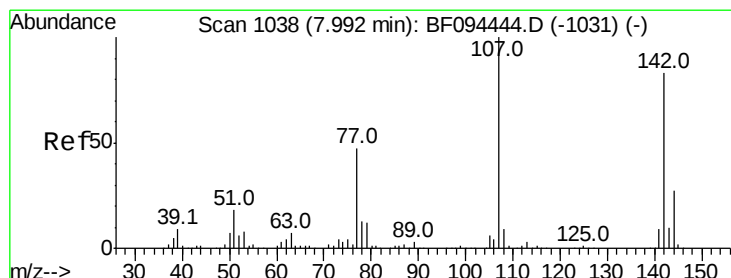
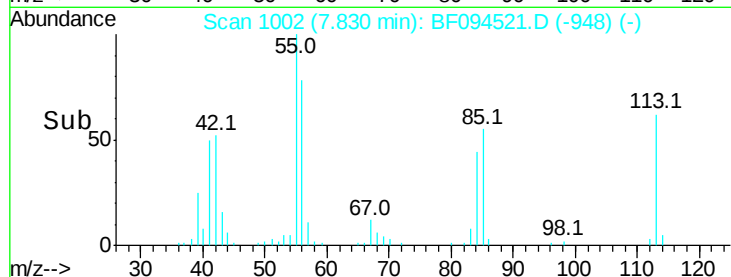
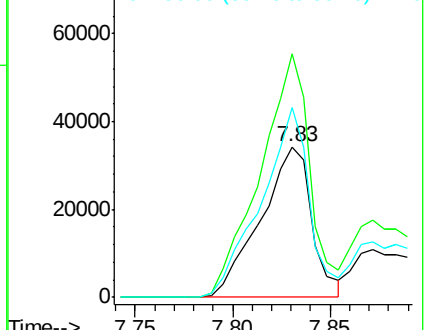
56 126.2 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.14 ng

RT: 8.00 min Scan# 1031

Delta R.T. 0.01 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

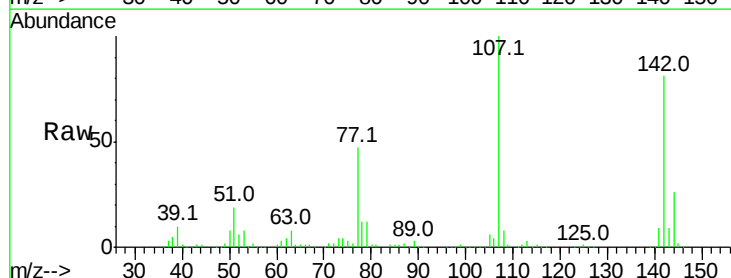
Tgt Ion:107 Resp: 346747

Ion Ratio Lower Upper

107 100

144 25.8 24.2 36.4

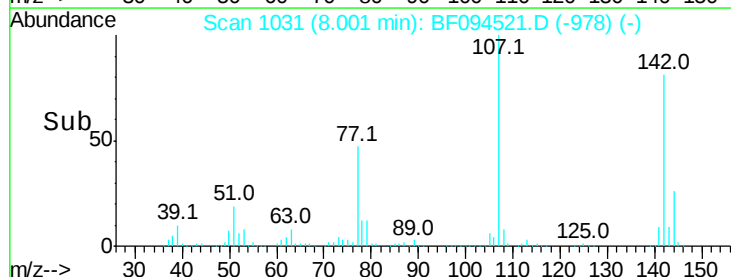
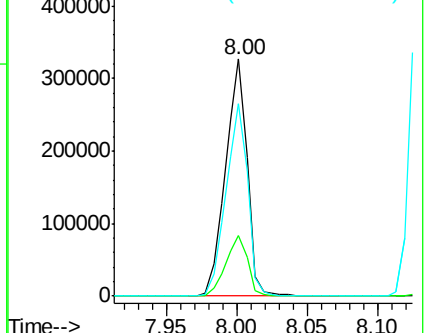
142 81.5 73.4 110.0

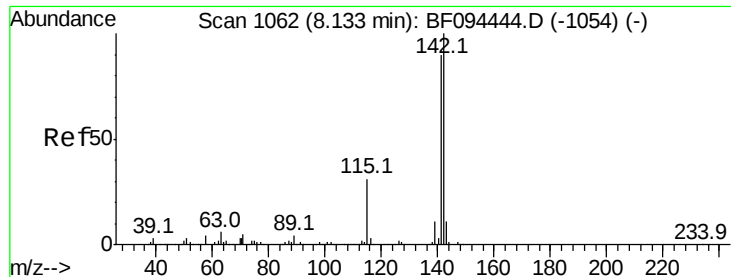


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

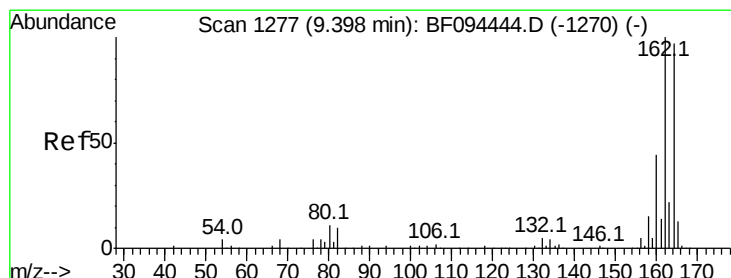
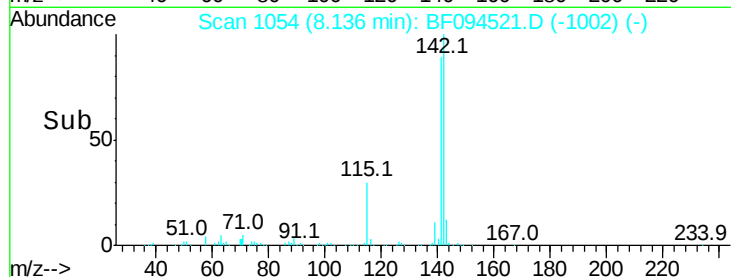
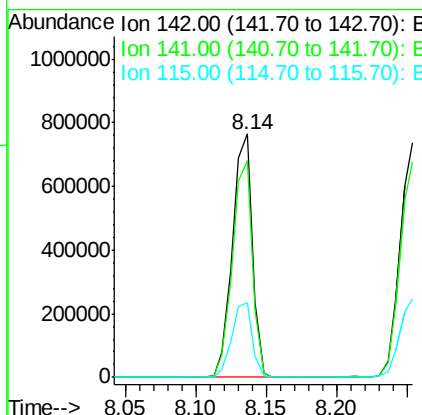
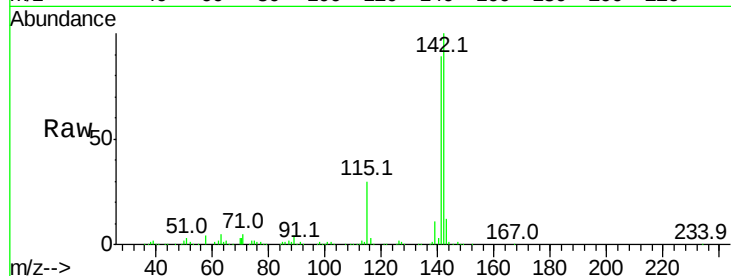




#37
 2-Methylnaphthalene
 Concen: 45.03 ng
 RT: 8.14 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

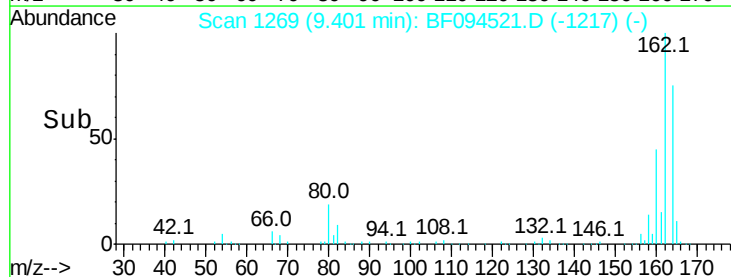
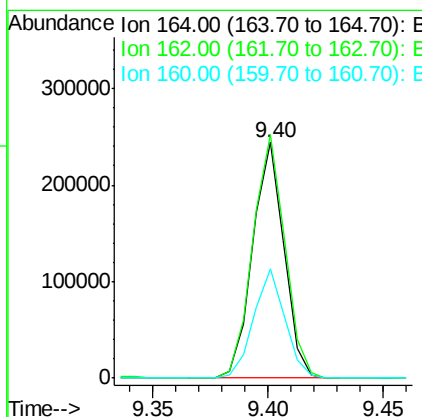
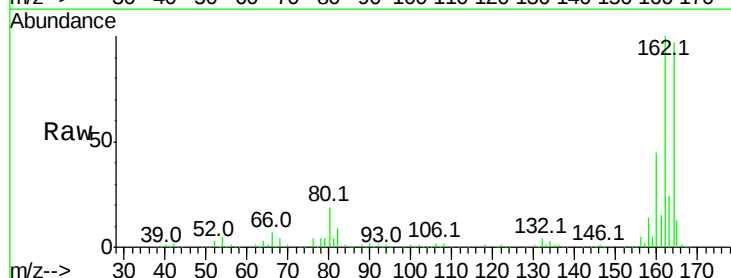
Instrument :
 BNA_F
 ClientSampleId :

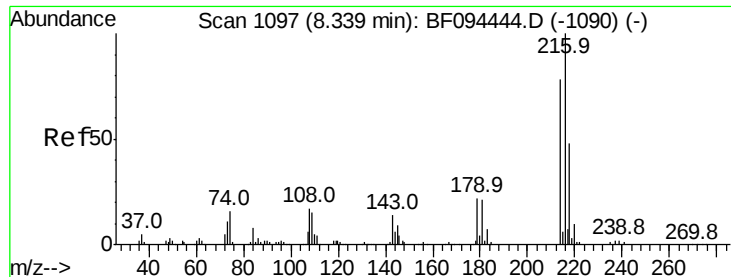
Tot Ion:142 Resp: 750804
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.3 106.9
 115 30.5 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

Tgt Ion:164 Resp: 231660
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.6 123.8
 160 46.1 36.2 54.2

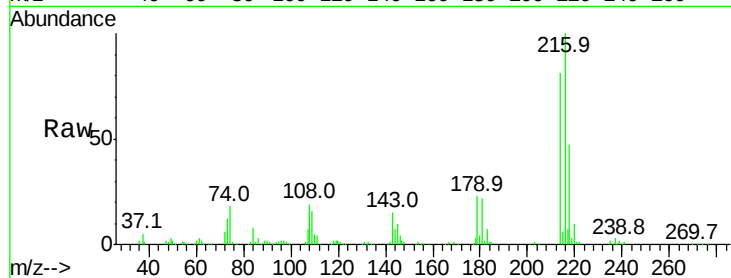




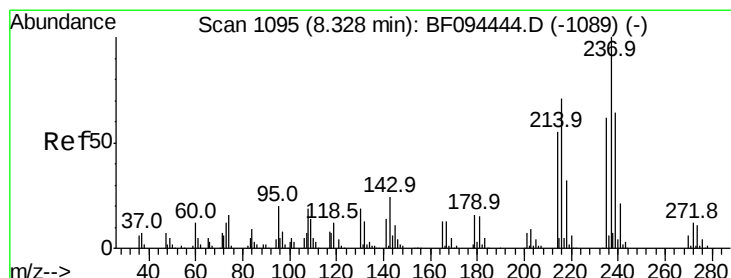
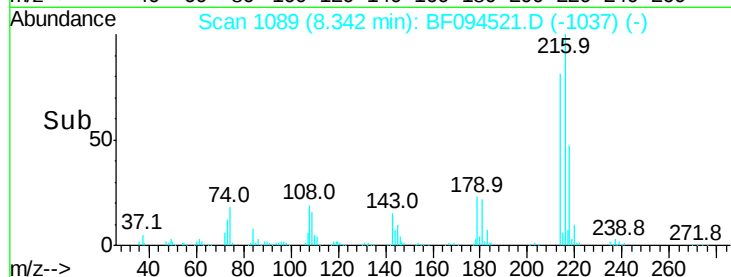
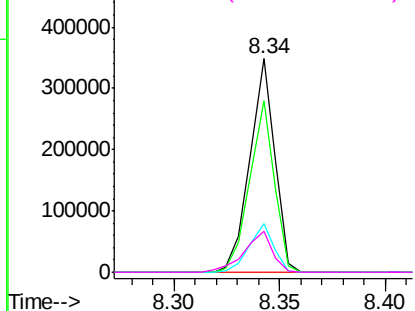
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.67 ng
 RT: 8.34 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	288062
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.2
179	22.5	17.9	26.9
108	21.5	16.5	24.7

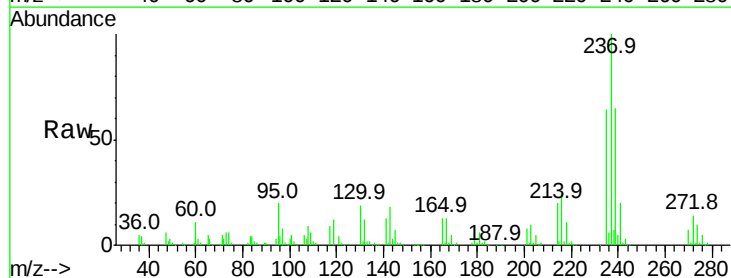


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

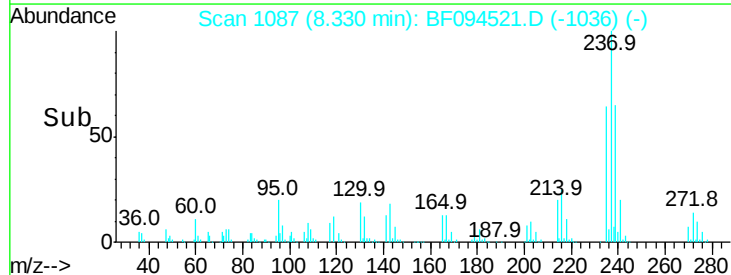
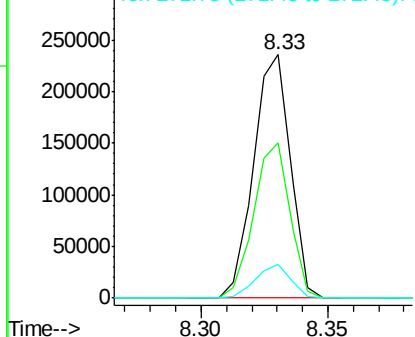


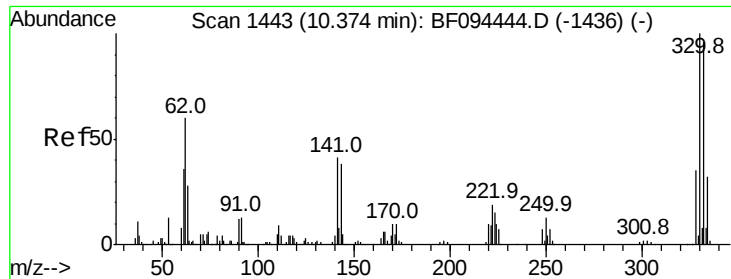
#40
 Hexachlorocyclopentadiene
 Concen: 89.43 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

Tgt Ion:	237	Resp:	238647
Ion	Ratio	Lower	Upper
237	100		
235	64.0	42.6	82.6
272	13.6	0.0	31.9



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

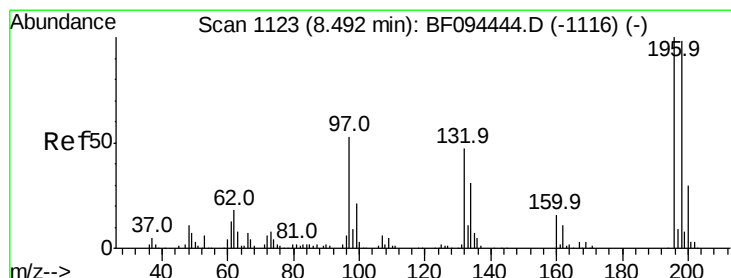
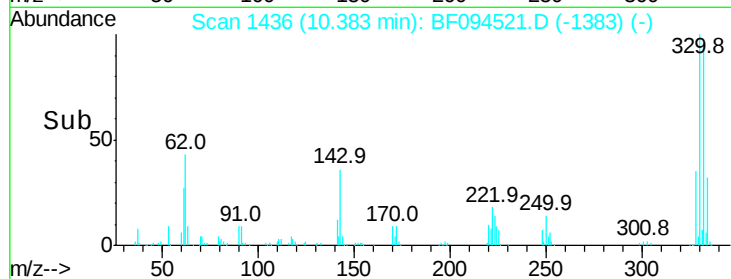
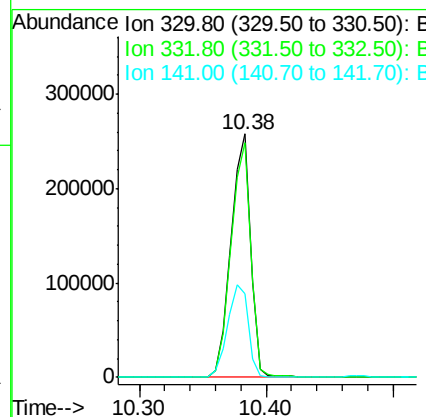
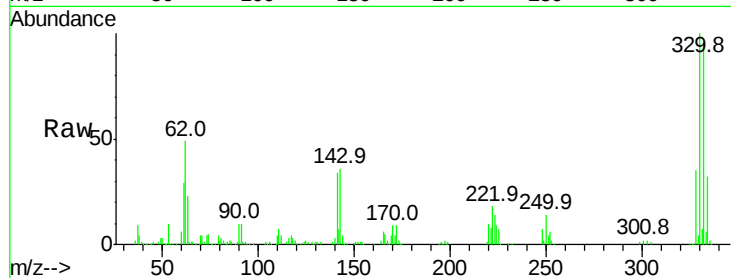




#41
 2,4,6-Tribromophenol
 Concen: 153.20 ng
 RT: 10.38 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

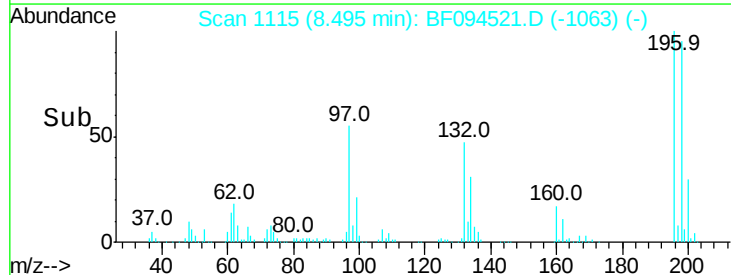
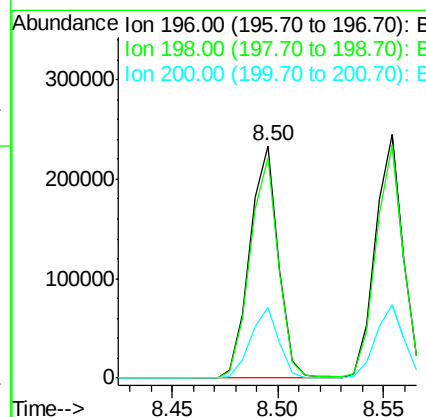
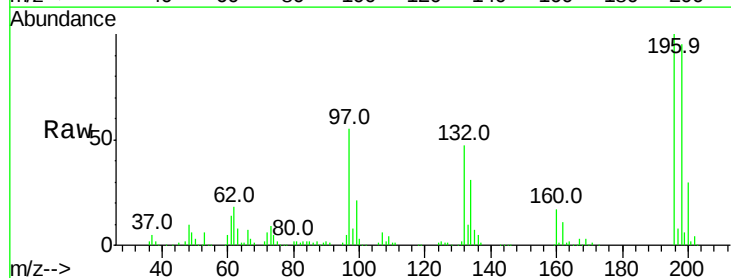
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	40.3	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 47.38 ng
 RT: 8.50 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.2	111.4
200	30.2	24.0	36.0

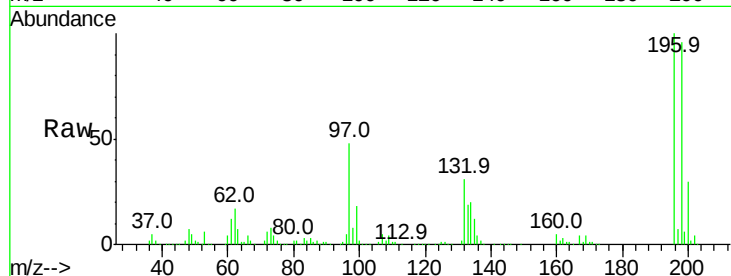




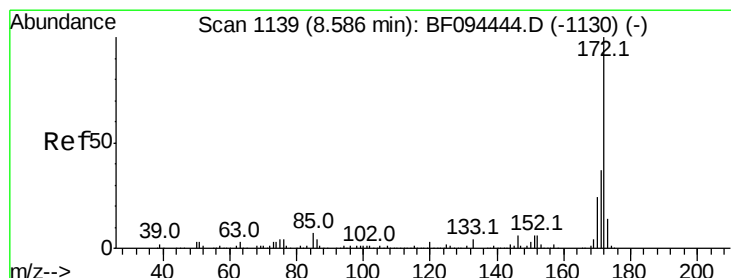
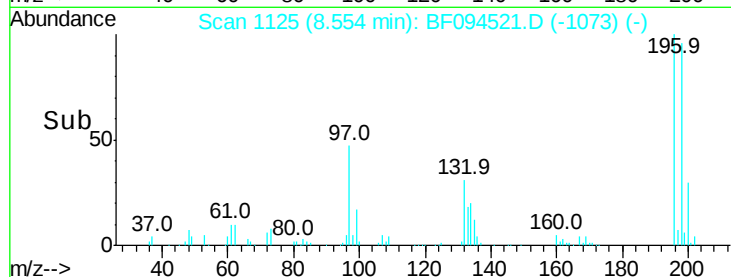
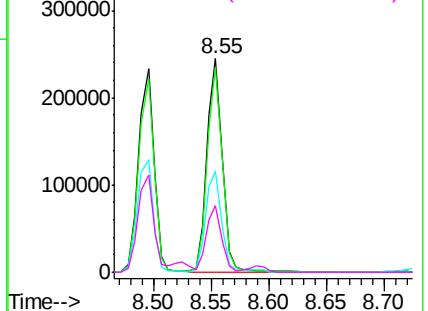
#43
 2,4,5-Trichlorophenol
 Concen: 47.68 ng
 RT: 8.55 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 226820
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.7 113.5
 97 47.5 47.7 71.5#
 132 31.1 28.0 42.0

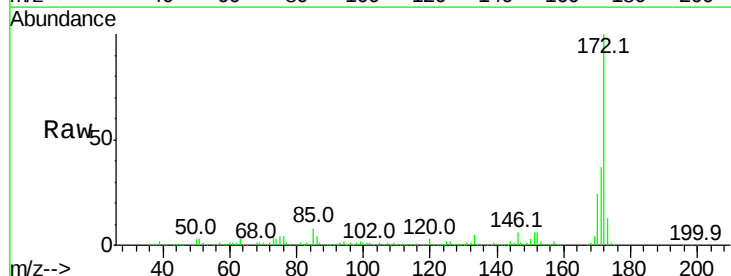


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

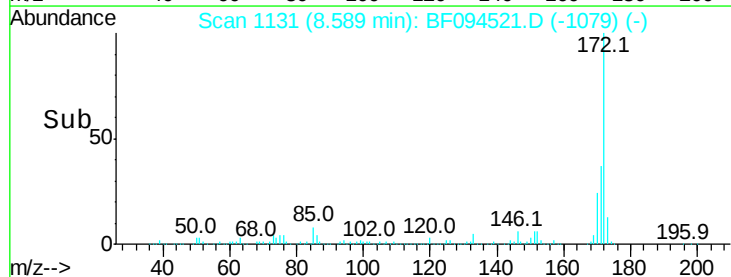
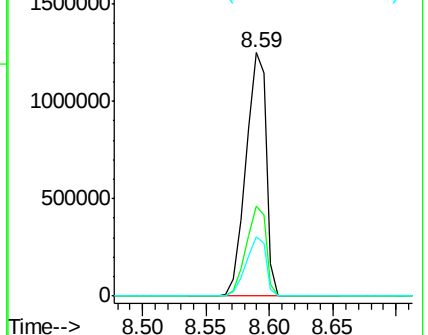


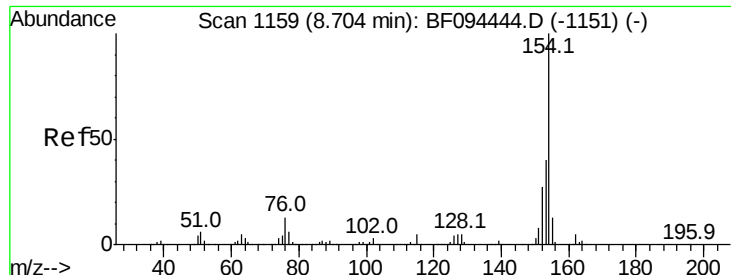
#44
 2-Fluorobiphenyl
 Concen: 87.86 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

Tgt Ion:172 Resp: 1383359
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.5 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 41.02 ng

RT: 8.71 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

Instrument :

BNA_F

ClientSampleId :

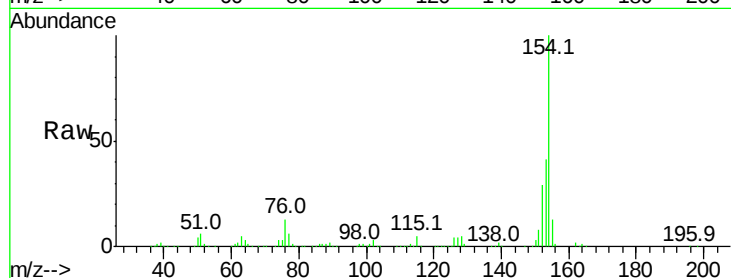
Tot Ion:154 Resp: 776483

Ion Ratio Lower Upper

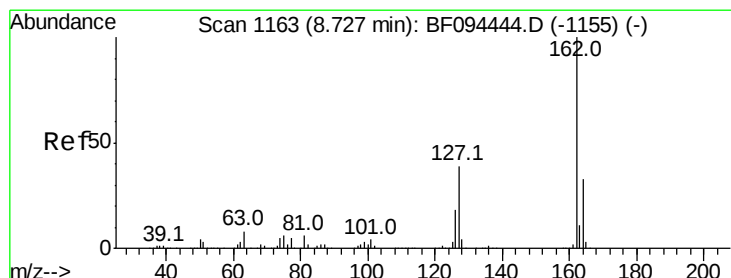
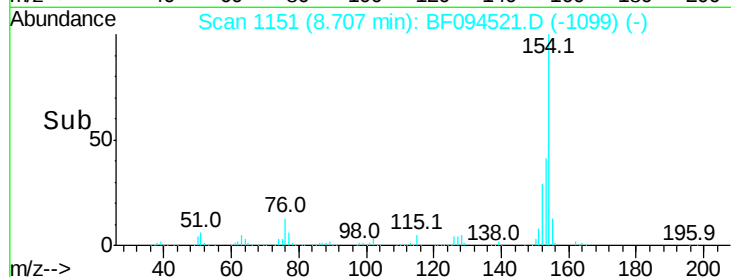
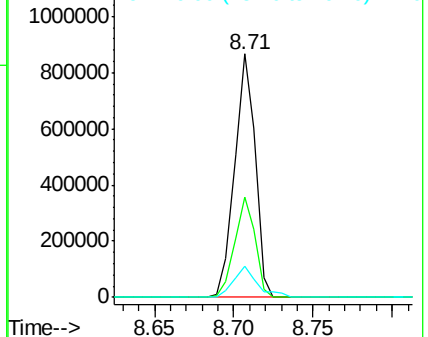
154 100

153 41.2 21.2 61.2

76 12.9 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 42.83 ng

RT: 8.72 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

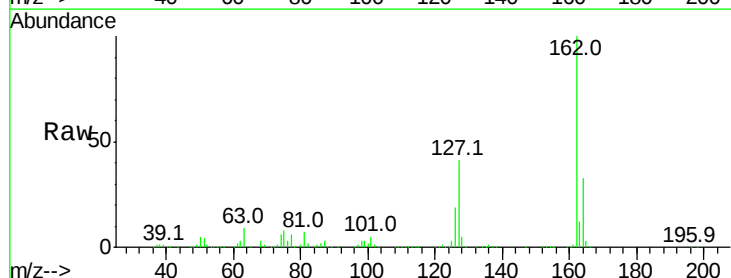
Tgt Ion:162 Resp: 644591

Ion Ratio Lower Upper

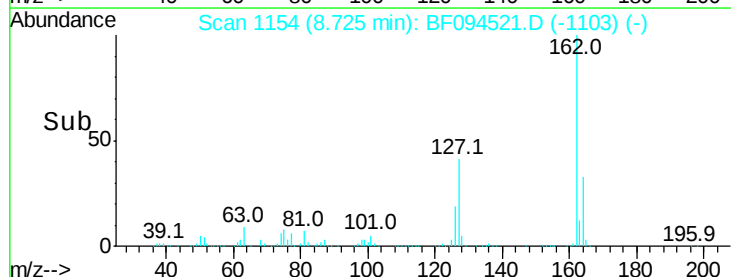
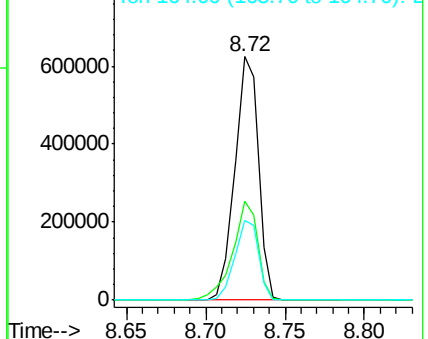
162 100

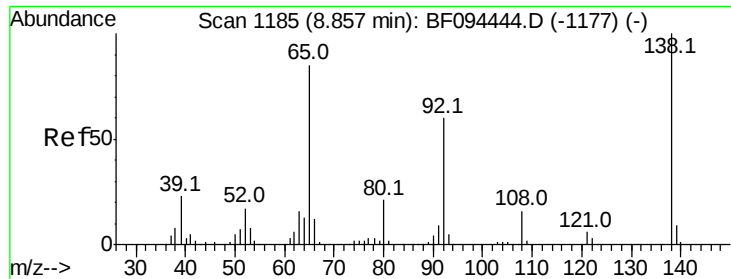
127 40.6 28.3 42.5

164 32.9 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

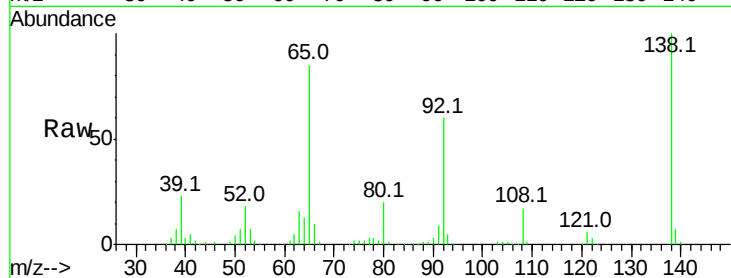




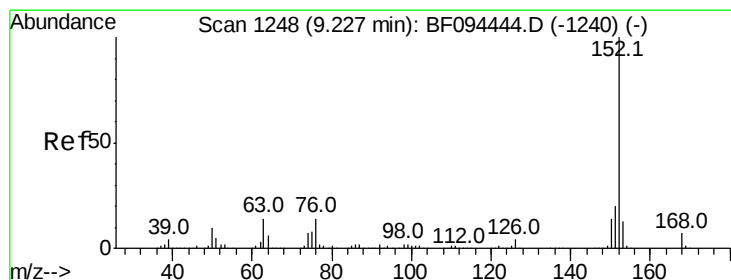
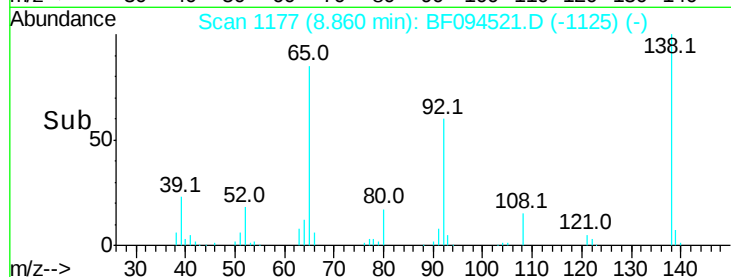
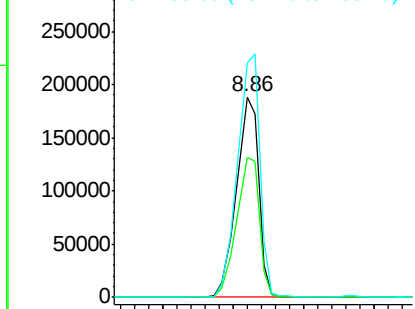
#47
2-Nitroaniline
Concen: 47.65 ng
RT: 8.86 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF094521.D
Acq: 19 Apr 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 206283
Ion Ratio Lower Upper
65 100
92 70.2 53.9 80.9
138 117.2 78.8 118.2

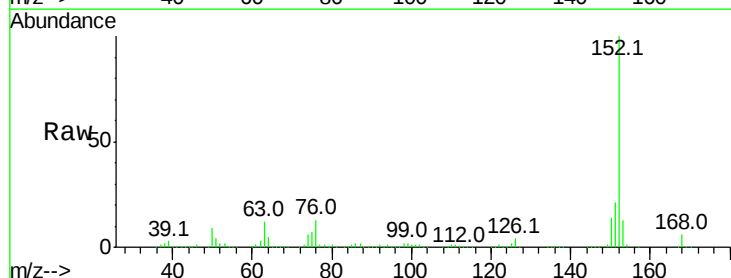


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

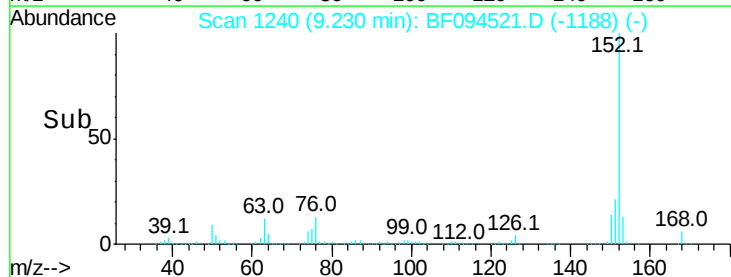
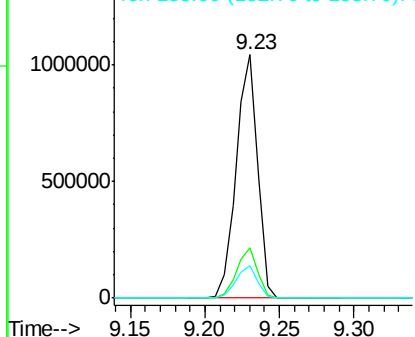


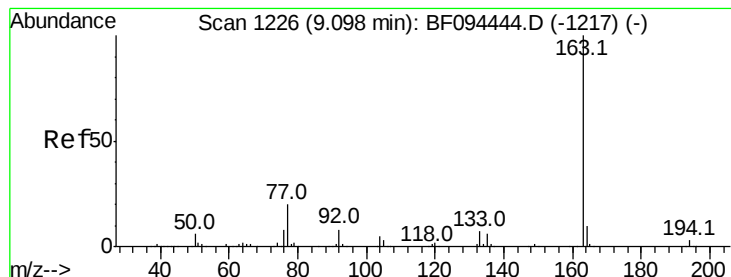
#48
Acenaphthylene
Concen: 44.39 ng
RT: 9.23 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF094521.D
Acq: 19 Apr 2017 17:45

Tgt Ion:152 Resp: 1041534
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2
153 13.2 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 65.78 ng

RT: 9.11 min Scan# 1219

Delta R.T. 0.01 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

Instrument :

BNA_F

ClientSampleId :

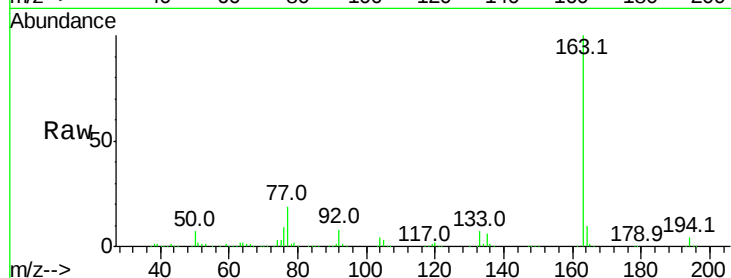
Tot Ion:163 Resp: 1135688

Ion Ratio Lower Upper

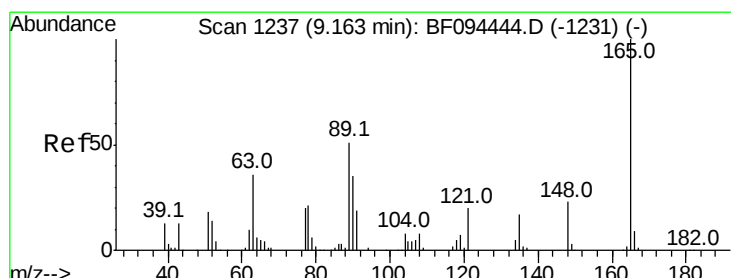
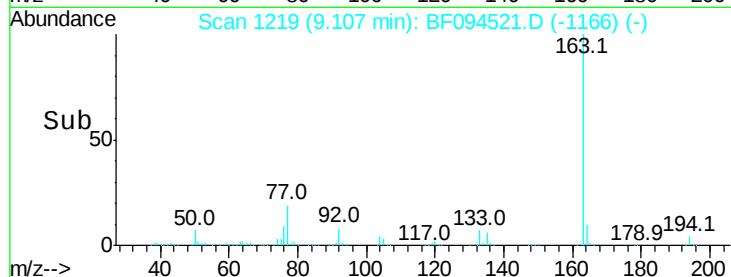
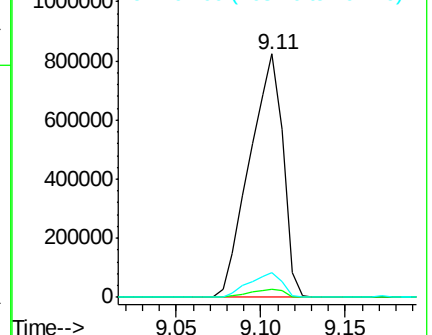
163 100

194 3.5 2.6 4.0

164 10.0 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 48.42 ng

RT: 9.17 min Scan# 1230

Delta R.T. 0.01 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

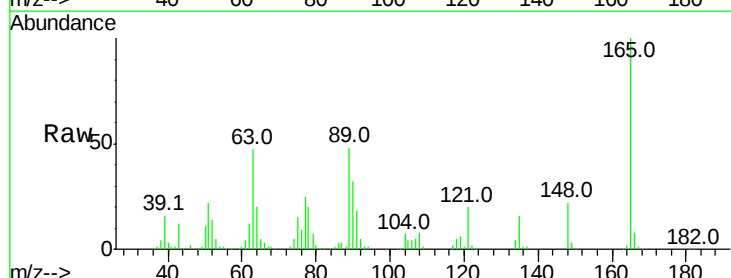
Tgt Ion:165 Resp: 187646

Ion Ratio Lower Upper

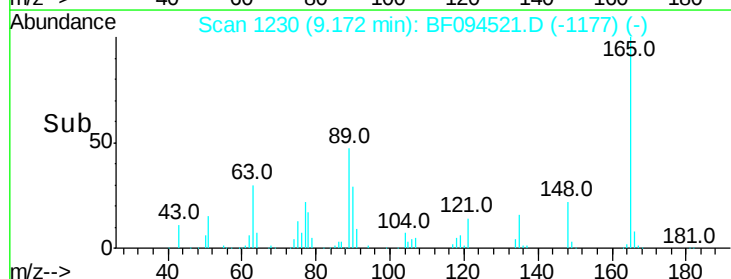
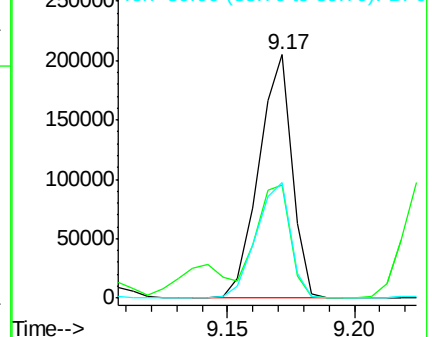
165 100

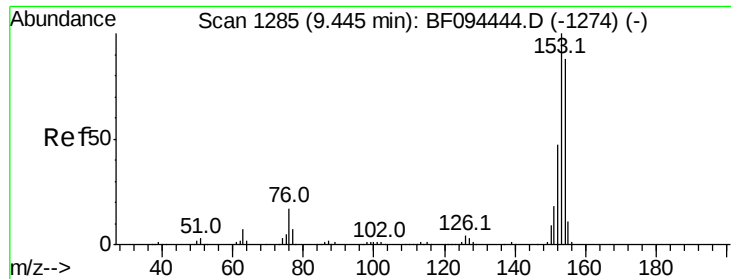
63 46.6 34.3 51.5

89 47.6 37.1 55.7



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

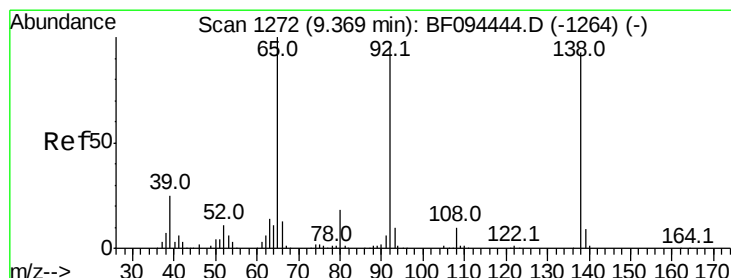
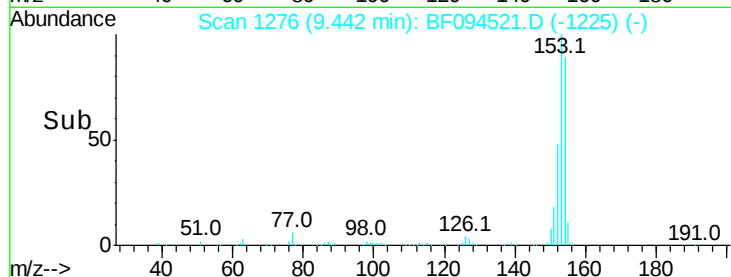
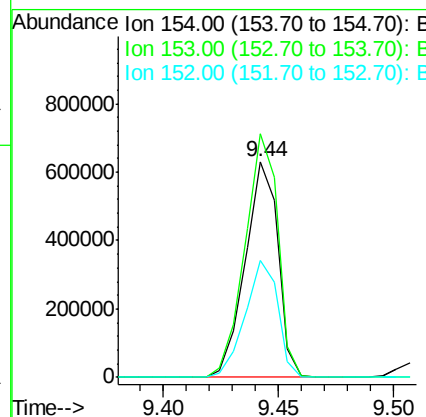
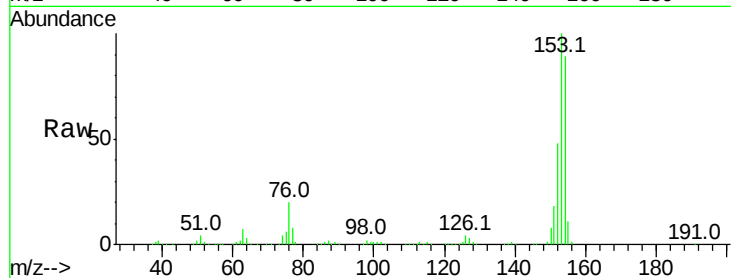




#51
Acenaphthene
Concen: 44.52 ng
RT: 9.44 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF094521.D
Acq: 19 Apr 2017 17:45

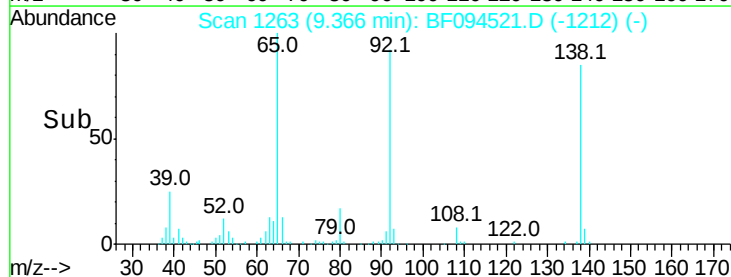
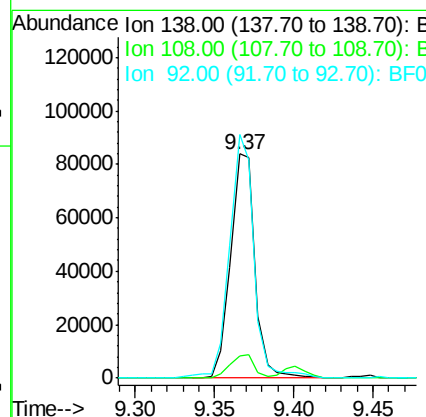
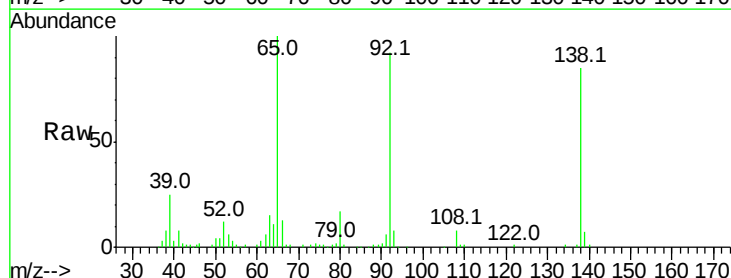
Instrument :
BNA_F
ClientSampleId :

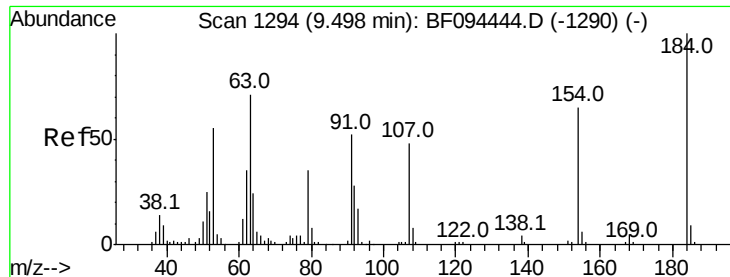
Tot Ion:154 Resp: 625648
Ion Ratio Lower Upper
154 100
153 112.9 90.5 135.7
152 54.4 43.6 65.4



#52
3-Nitroaniline
Concen: 19.91 ng
RT: 9.37 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF094521.D
Acq: 19 Apr 2017 17:45

Tgt Ion:138 Resp: 89253
Ion Ratio Lower Upper
138 100
108 9.8 9.1 13.7
92 108.5 93.8 140.6

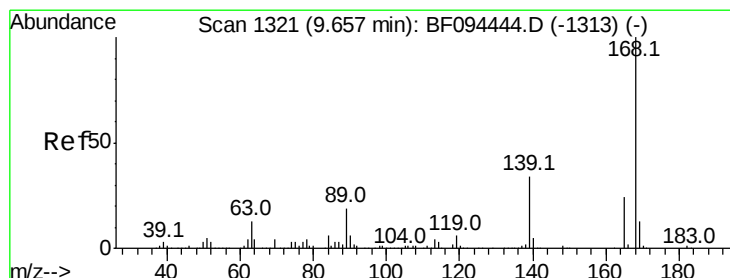
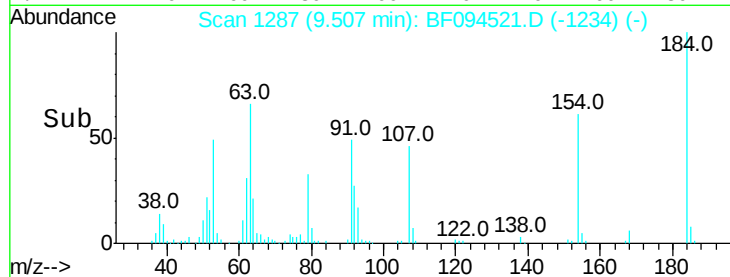
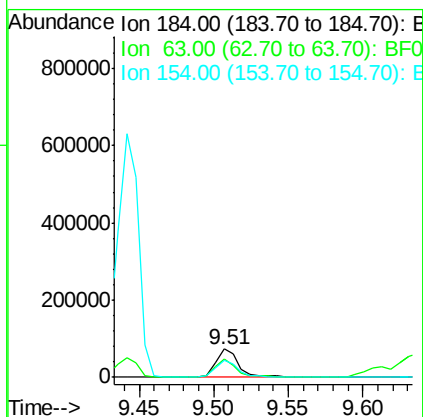
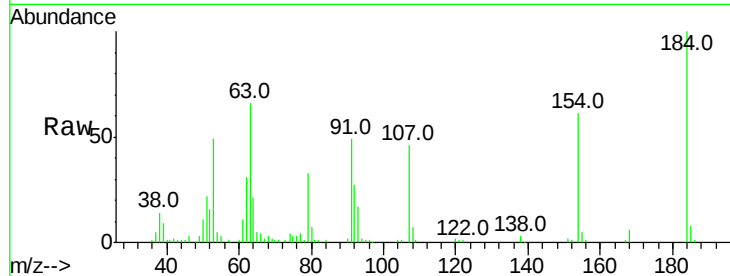




#53
 2,4-Dinitrophenol
 Concen: 41.86 ng
 RT: 9.51 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

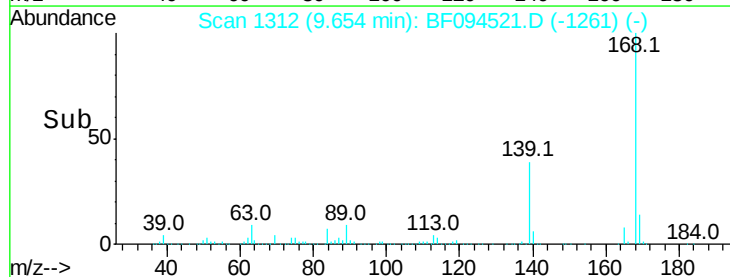
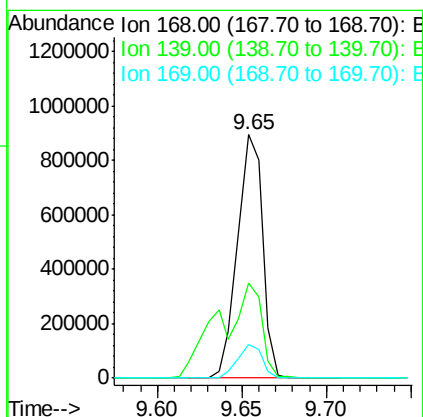
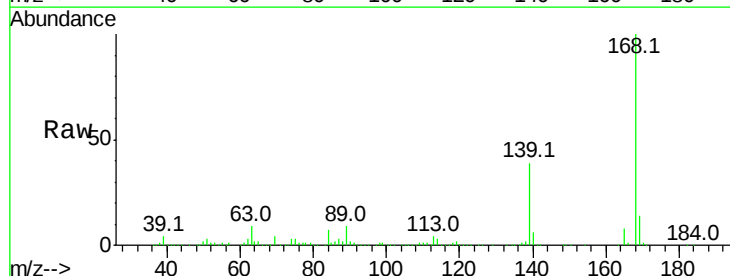
Instrument :
 BNA_F
 ClientSampleId :

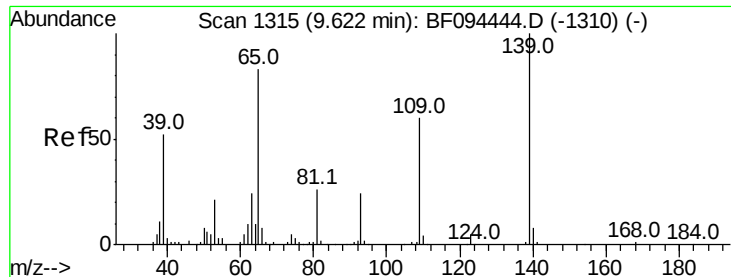
Tot Ion:184 Resp: 81788
 Ion Ratio Lower Upper
 184 100
 63 65.6 62.7 94.1
 154 60.9 81.1 121.7#



#54
 Dibenzofuran
 Concen: 45.19 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

Tgt Ion:168 Resp: 922958
 Ion Ratio Lower Upper
 168 100
 139 39.2 30.6 45.8
 169 13.7 10.8 16.2





#55

4-Nitrophenol

Concen: 88.72 ng

RT: 9.64 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

Instrument :

BNA_F

ClientSampled :

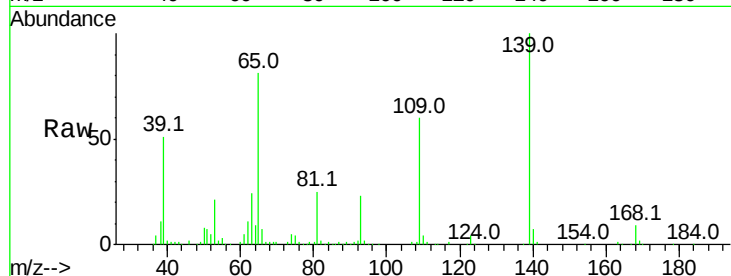
Tot Ion:139 Resp: 281022

Ion Ratio Lower Upper

139 100

109 59.6 34.1 74.1

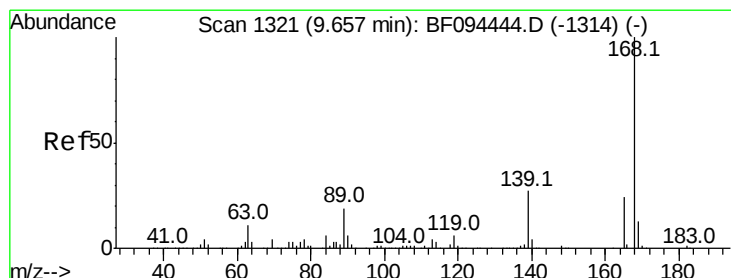
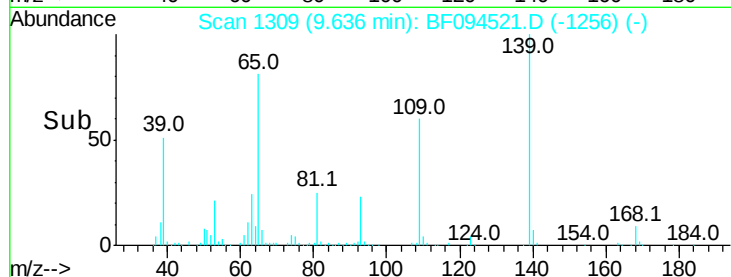
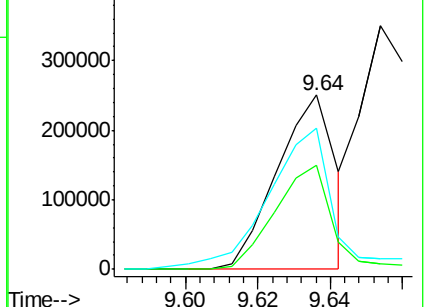
65 80.8 31.4 71.4#



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: 49.96 ng

RT: 9.67 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

Tgt Ion:165 Resp: 237573

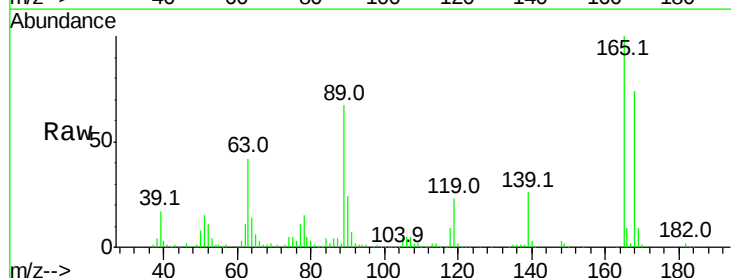
Ion Ratio Lower Upper

165 100

63 41.7 25.4 38.0#

89 66.7 46.4 69.6

182 2.4 1.8 2.6

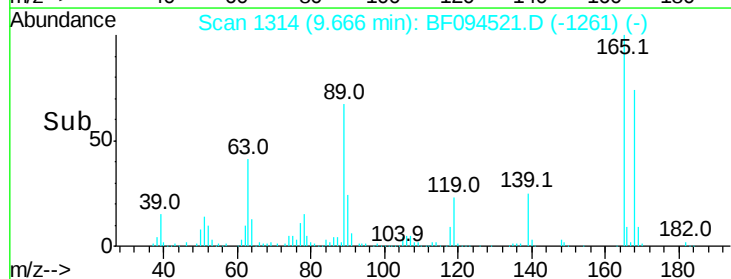
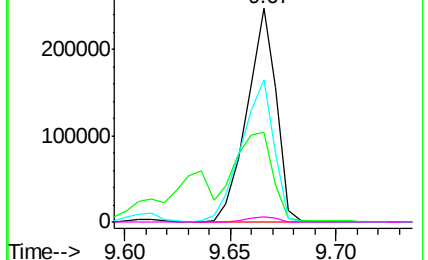


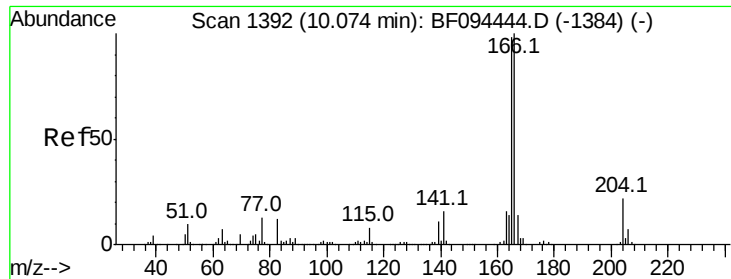
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

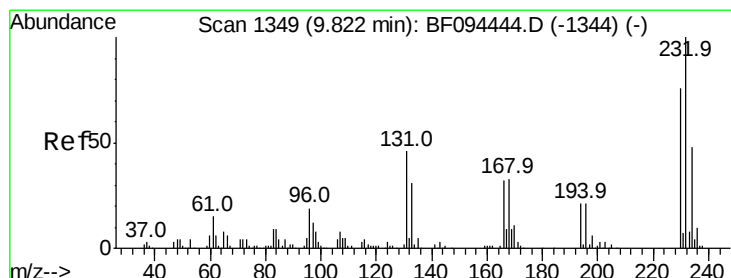
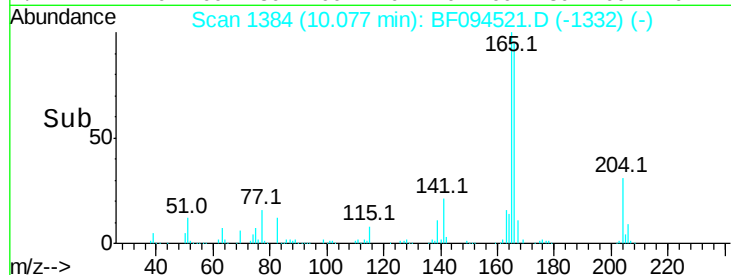
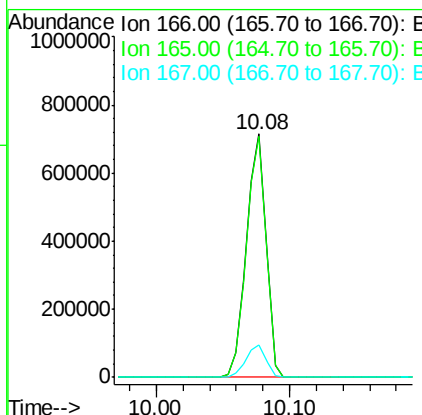
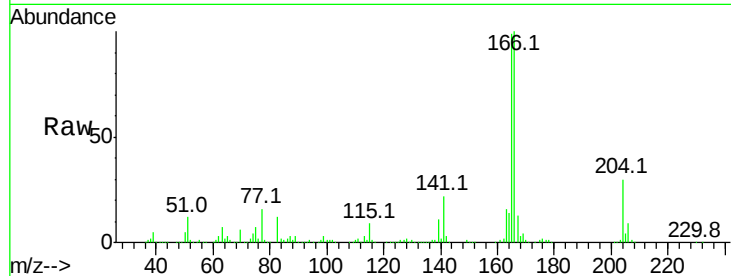




#57
 Fluorene
 Concen: 45.05 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

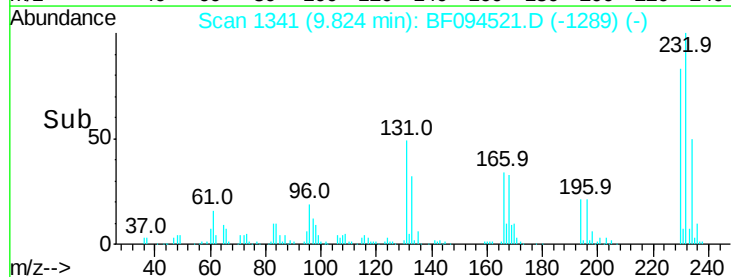
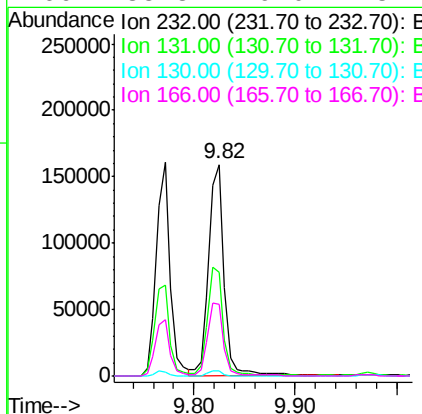
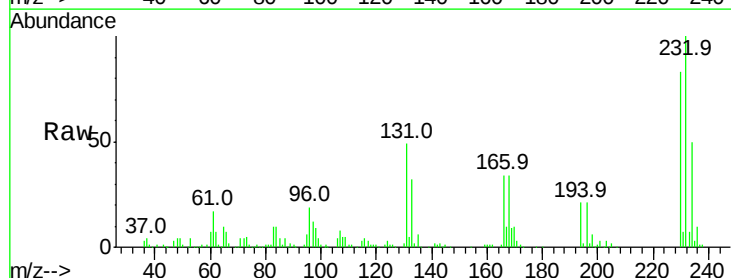
Instrument :
 BNA_F
 ClientSampleId :

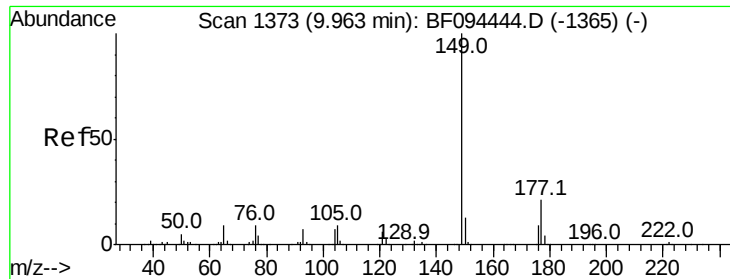
Tot Ion:166 Resp: 716408
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.8 118.2
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.66 ng
 RT: 9.82 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

Tgt Ion:232 Resp: 169347
 Ion Ratio Lower Upper
 232 100
 131 50.9 44.8 67.2
 130 2.4 2.3 3.5
 166 35.8 29.0 43.4

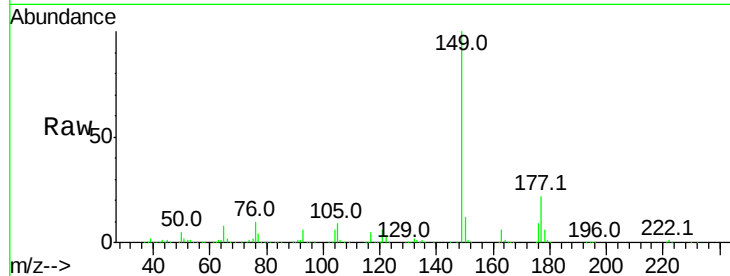




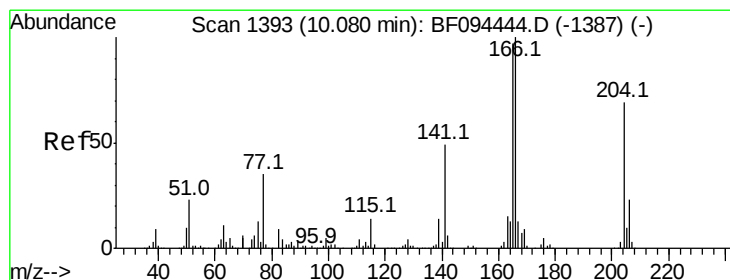
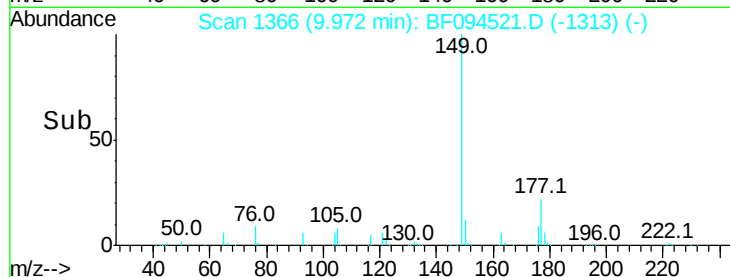
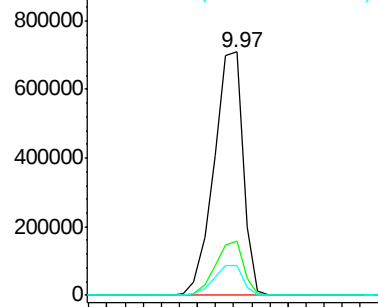
#59
Diethylphthalate
Concen: 48.55 ng
RT: 9.97 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF094521.D
Acq: 19 Apr 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 790852
Ion Ratio Lower Upper
149 100
177 22.2 16.7 25.1
150 12.3 10.2 15.2

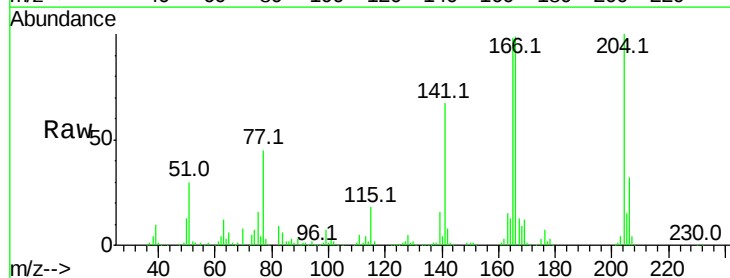


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

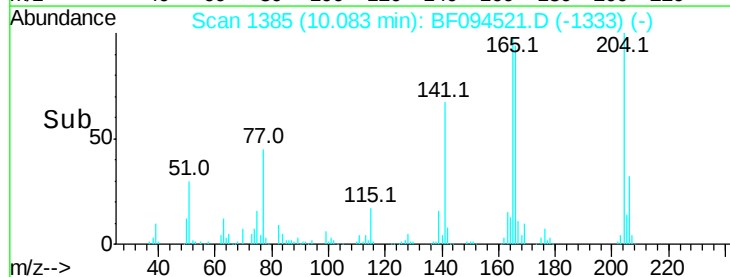
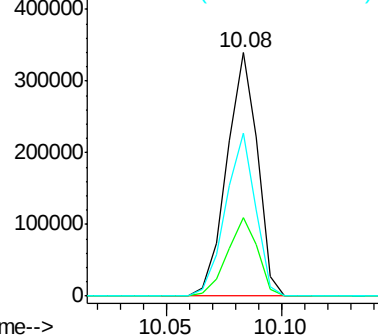


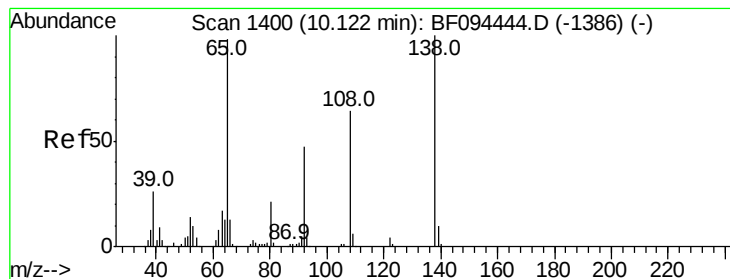
#60
4-Chlorophenyl-phenylether
Concen: 47.61 ng
RT: 10.08 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BF094521.D
Acq: 19 Apr 2017 17:45

Tgt Ion:204 Resp: 315121
Ion Ratio Lower Upper
204 100
206 32.5 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: 40.81 ng

RT: 10.13 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

Instrument :

BNA_F

ClientSampleId :

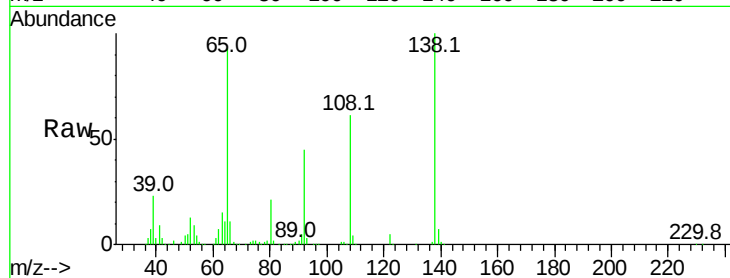
Tot Ion:138 Resp: 186012

Ion Ratio Lower Upper

138 100

92 44.9 21.8 61.8

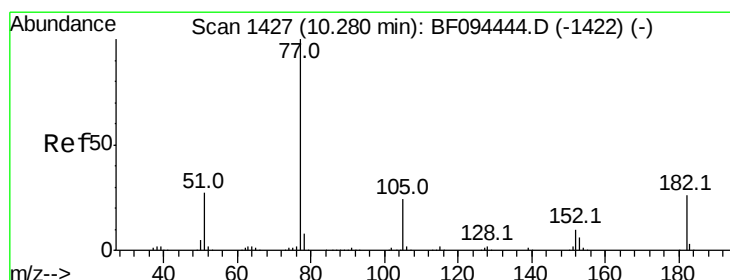
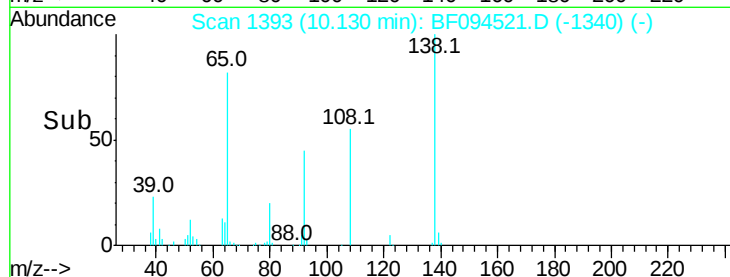
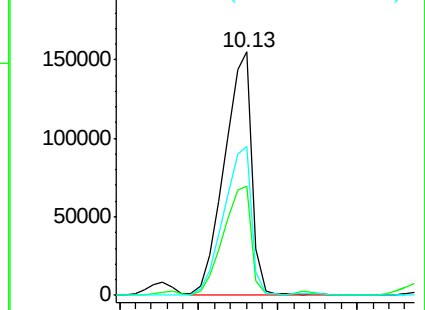
108 61.1 42.3 82.3



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: 47.27 ng

RT: 10.28 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

Tgt Ion: 77 Resp: 747562

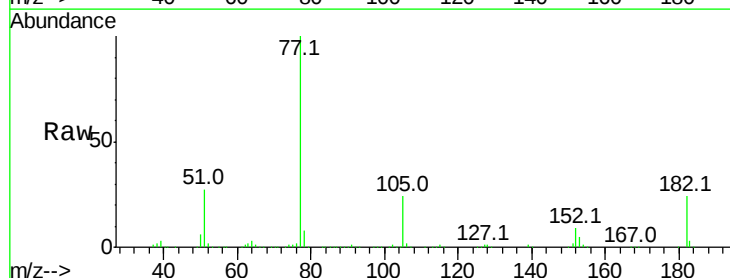
Ion Ratio Lower Upper

77 100

182 23.8 0.1 40.1

105 23.5 3.6 43.6

51 27.4 9.4 49.4

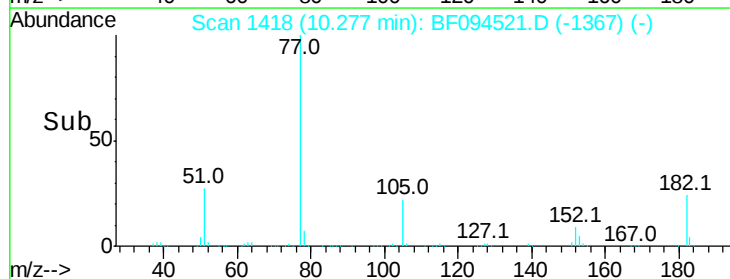
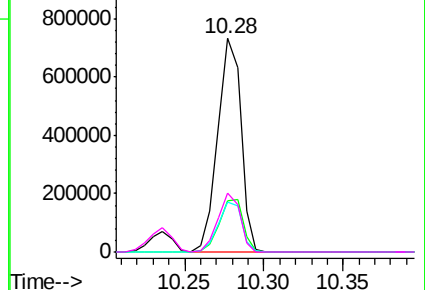


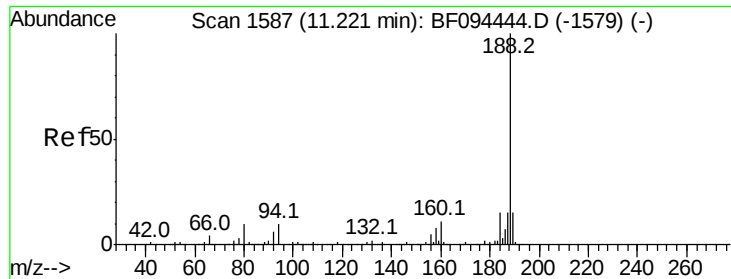
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

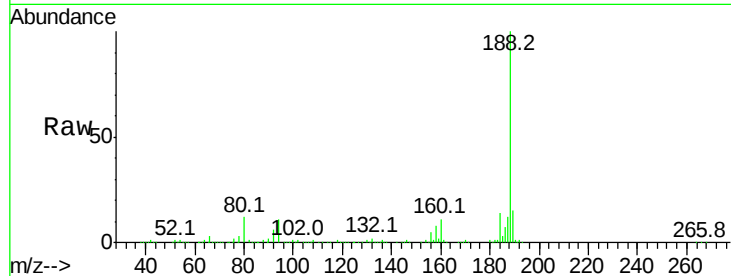




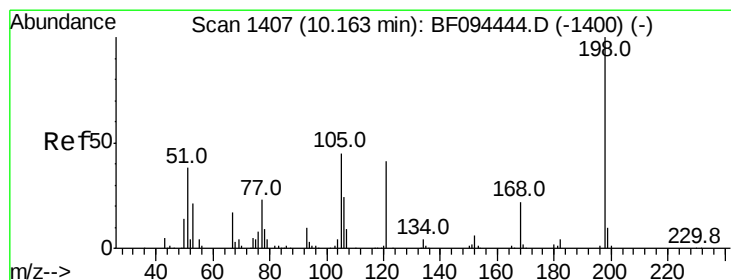
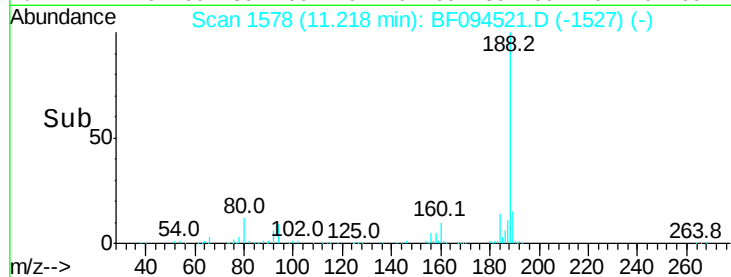
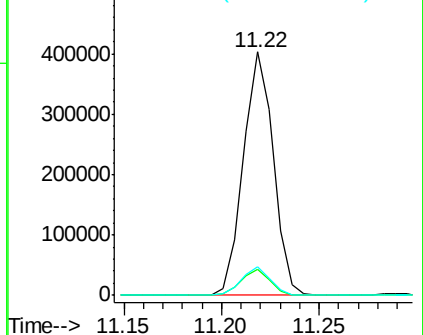
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094521.D
Acq: 19 Apr 2017 17:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 428395
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.7 10.2 15.2

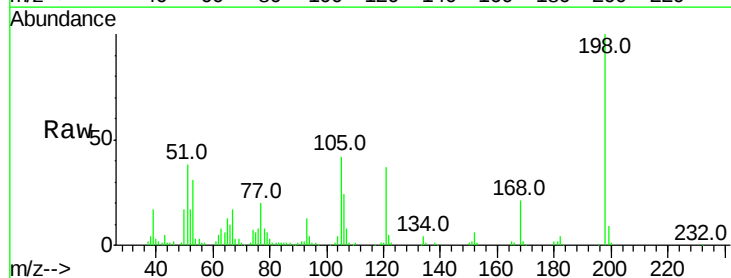


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

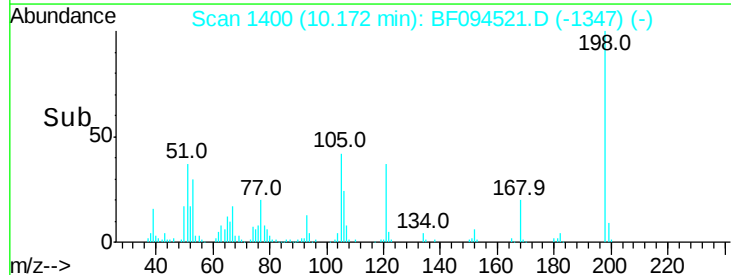
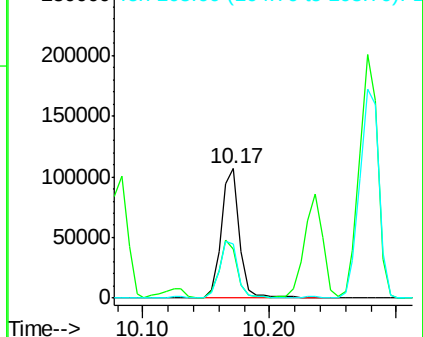


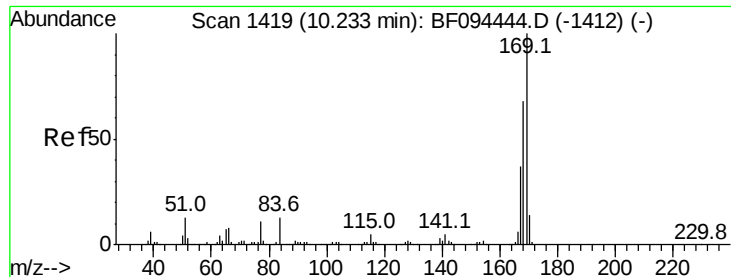
#64
4,6-Dinitro-2-methylphenol
Concen: 38.12 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF094521.D
Acq: 19 Apr 2017 17:45

Tgt Ion:198 Resp: 106995
Ion Ratio Lower Upper
198 100
51 37.8 53.2 93.2#
105 41.8 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

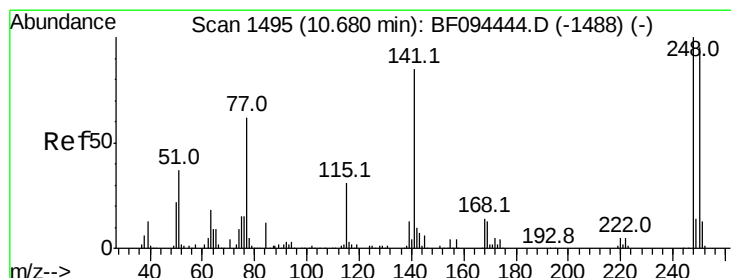
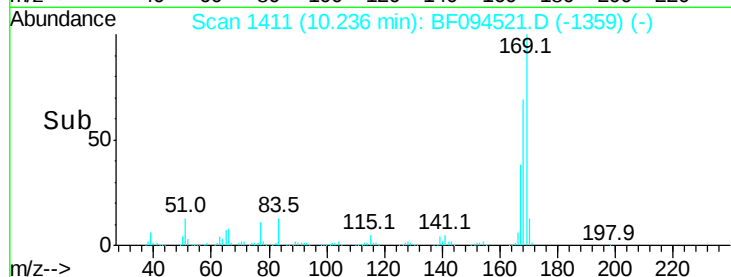
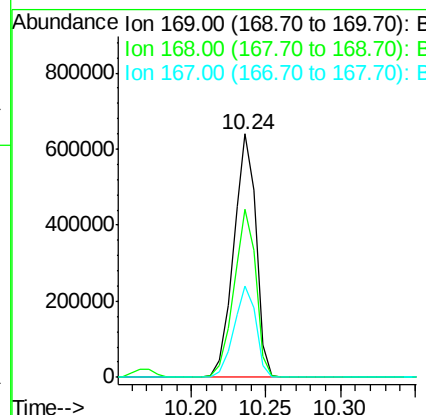
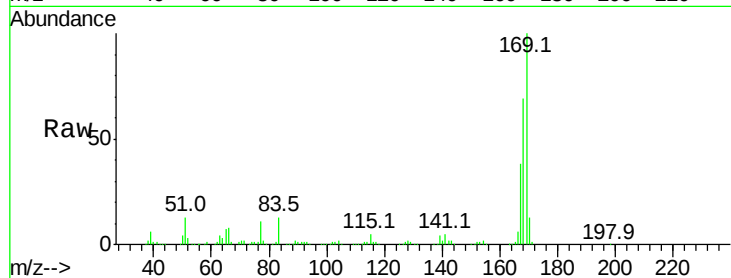




#65
 n-Nitrosodiphenylamine
 Concen: 45.31 ng
 RT: 10.24 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

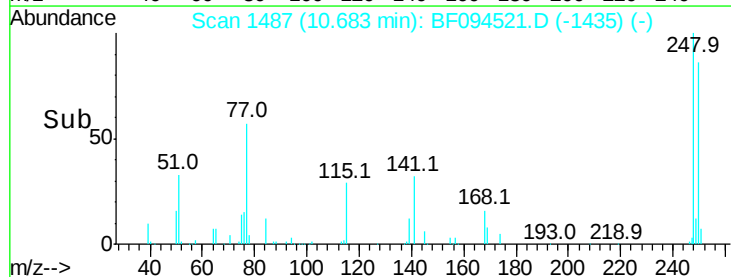
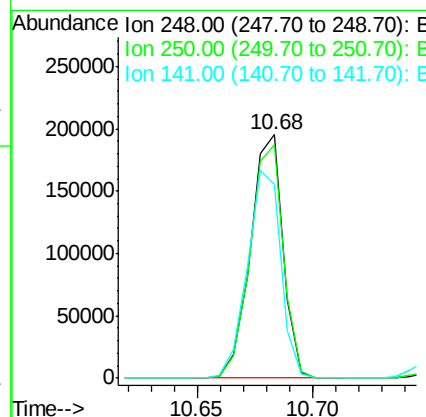
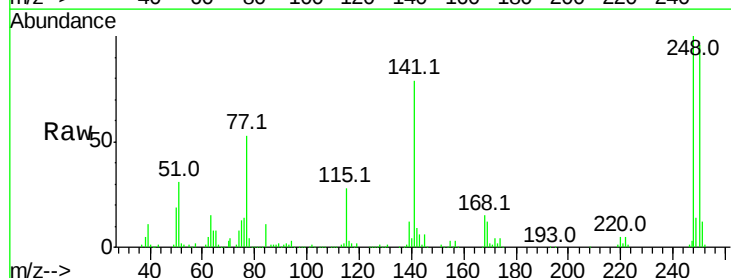
Instrument :
 BNA_F
 ClientSampleId :

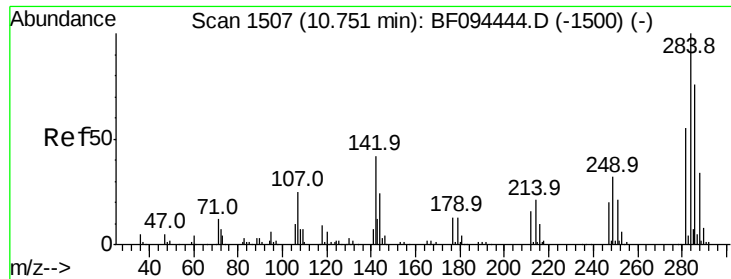
Tot Ion:169 Resp: 675073
 Ion Ratio Lower Upper
 169 100
 168 69.1 53.2 79.8
 167 37.6 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 45.18 ng
 RT: 10.68 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

Tgt Ion:248 Resp: 192199
 Ion Ratio Lower Upper
 248 100
 250 95.7 76.8 115.2
 141 79.5 68.6 103.0

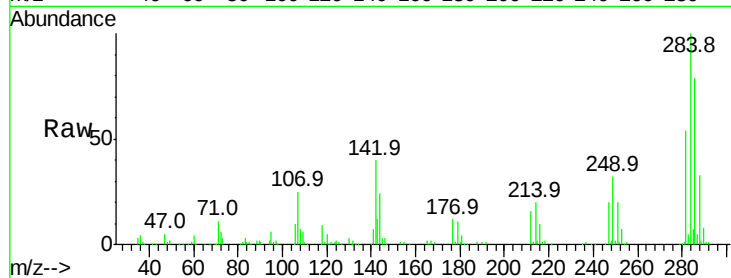




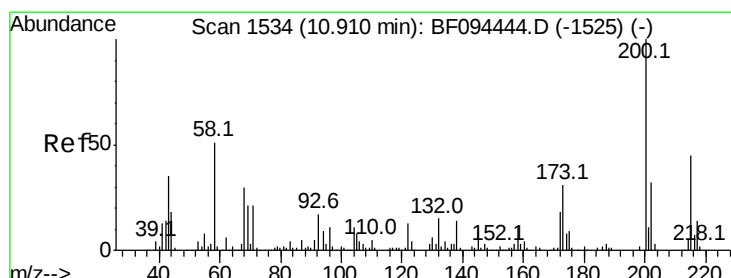
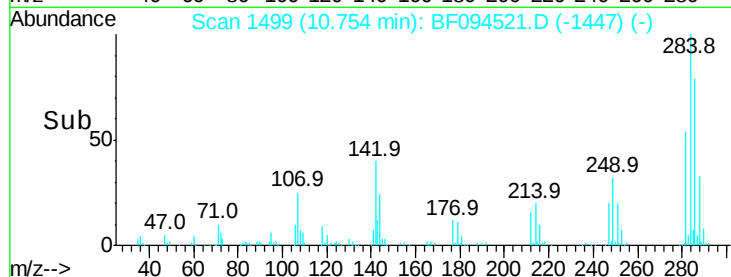
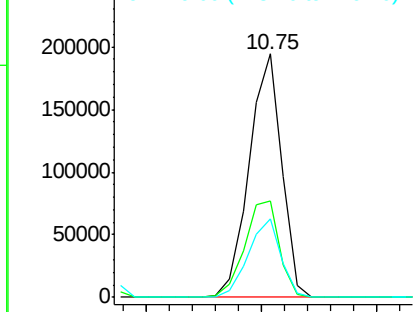
#67
Hexachlorobenzene
Concen: 44.63 ng
RT: 10.75 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF094521.D
Acq: 19 Apr 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 191336
Ion Ratio Lower Upper
284 100
142 39.7 22.8 34.2#
249 32.3 24.0 36.0

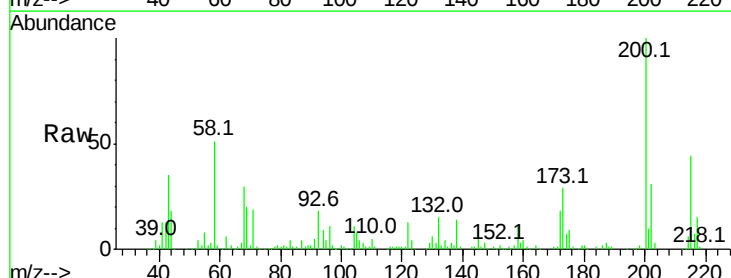


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

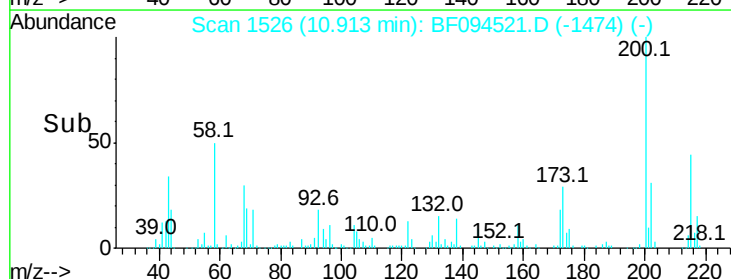
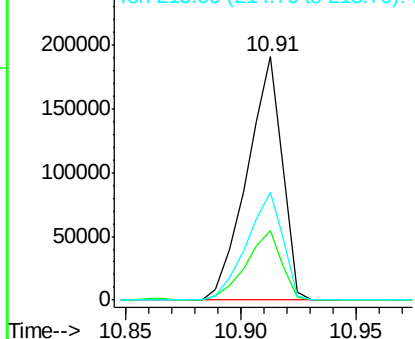


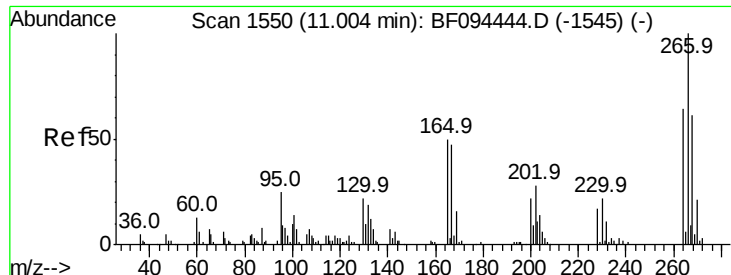
#68
Atrazine
Concen: 45.56 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BF094521.D
Acq: 19 Apr 2017 17:45

Tgt Ion:200 Resp: 203049
Ion Ratio Lower Upper
200 100
173 28.6 6.3 46.3
215 44.1 27.2 67.2



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

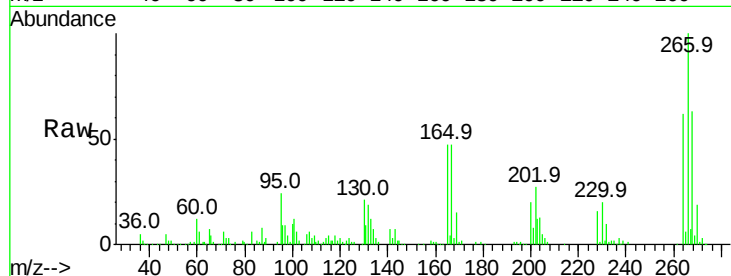




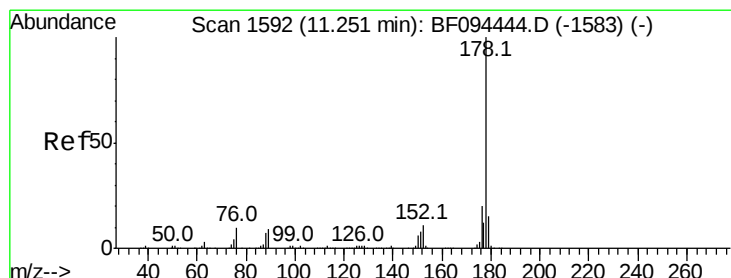
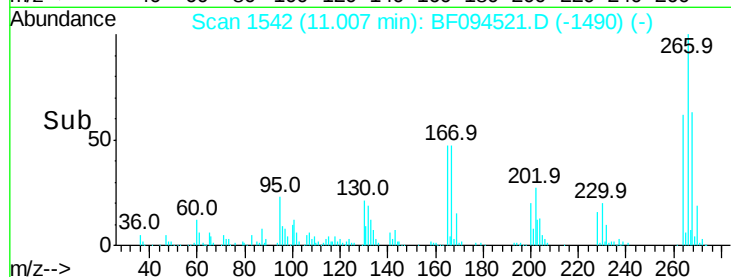
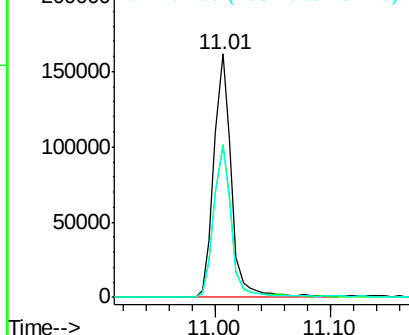
#69
 Pentachlorophenol
 Concen: 100.74 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 171483
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.1 76.7
 264 62.3 51.7 77.5

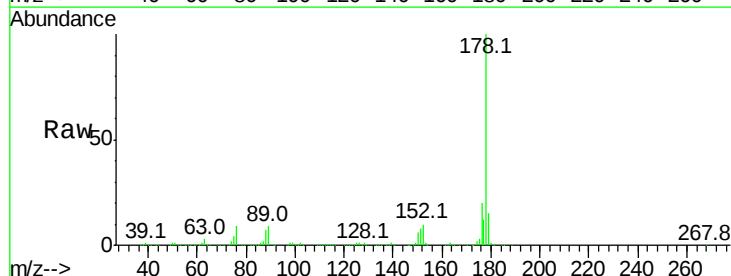


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

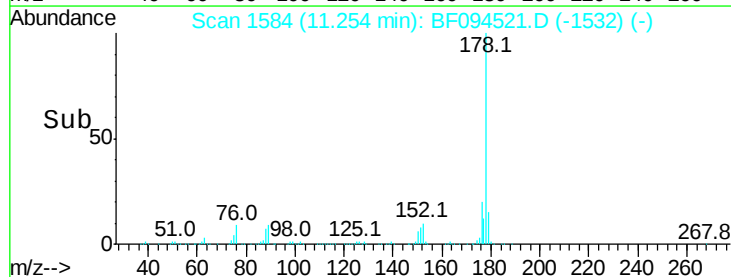
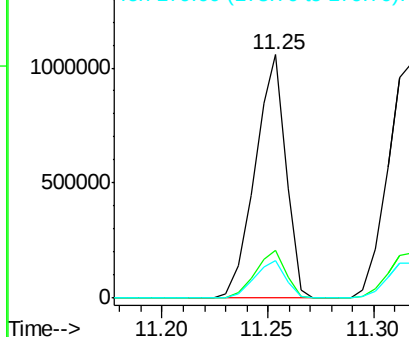


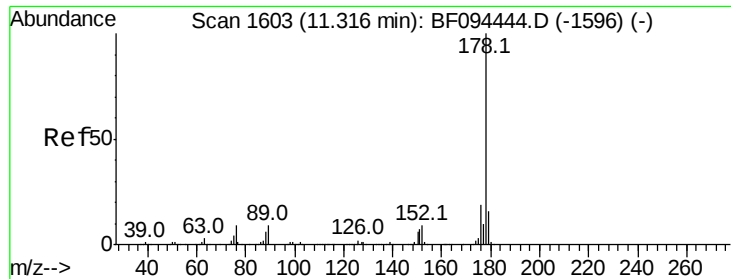
#70
 Phenanthrene
 Concen: 44.38 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

Tgt Ion:178 Resp: 1070520
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.4
 179 15.4 12.6 19.0



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

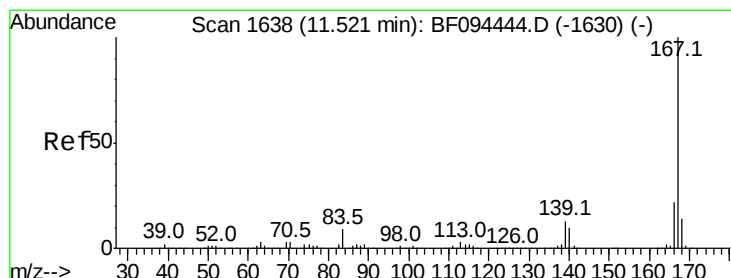
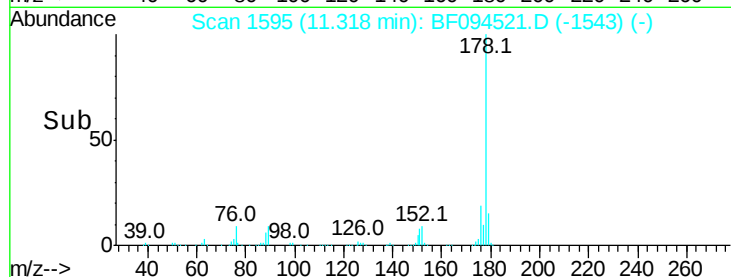
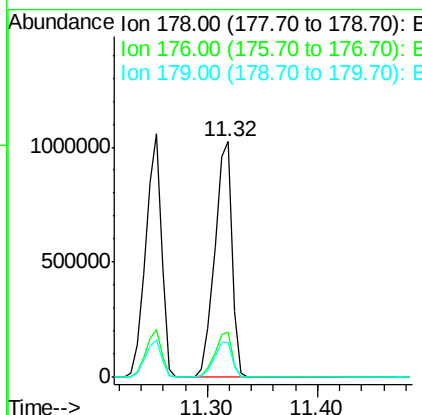
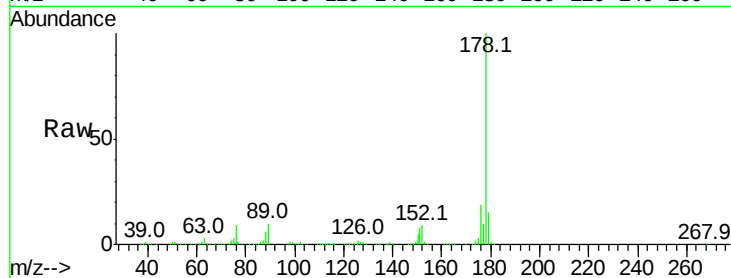




#71
 Anthracene
 Concen: 44.00 ng
 RT: 11.32 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

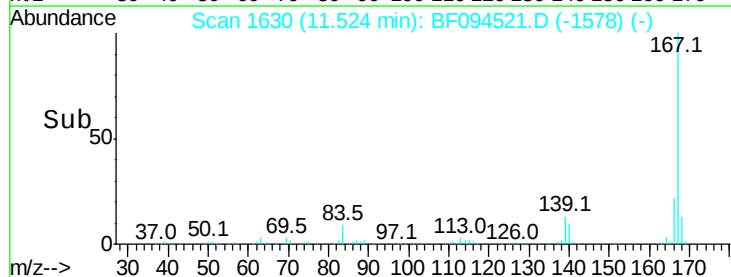
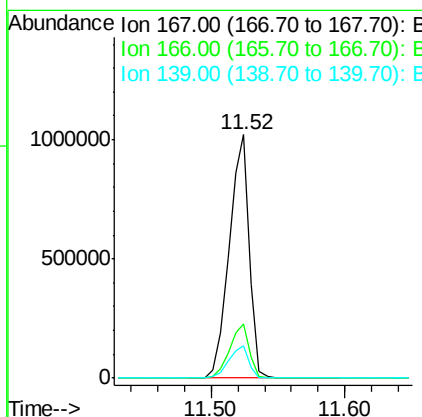
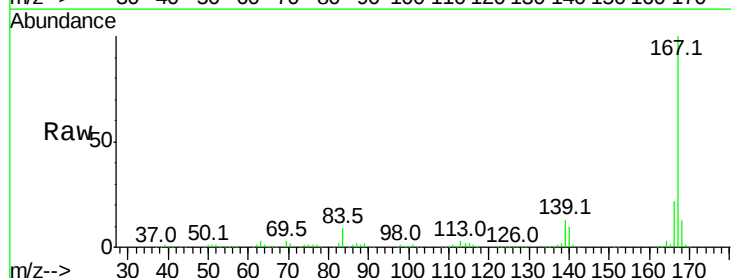
Instrument :
 BNA_F
 ClientSampleId :

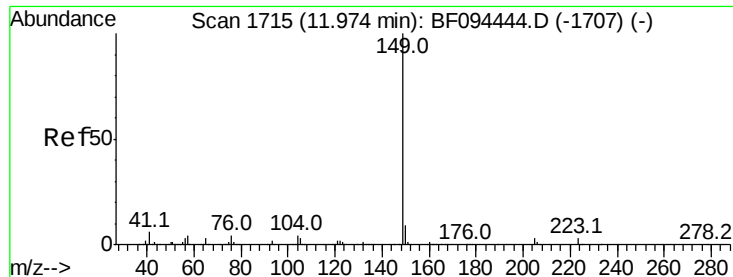
Tot Ion:178 Resp: 1098022
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.1 12.7 19.1



#72
 Carbazole
 Concen: 45.90 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

Tgt Ion:167 Resp: 1075096
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.3 11.7 17.5





#73

Di-n-butylphthalate

Concen: 51.03 ng

RT: 11.97 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

Instrument :

BNA_F

ClientSampleId :

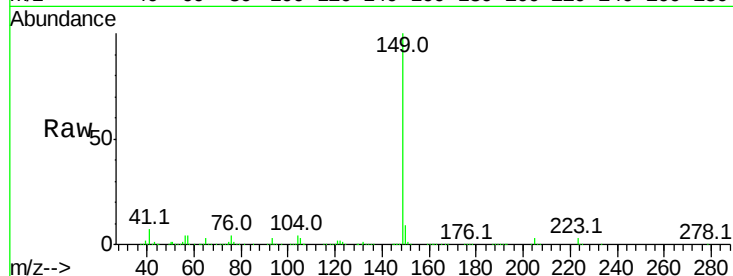
Tot Ion:149 Resp: 1315933

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

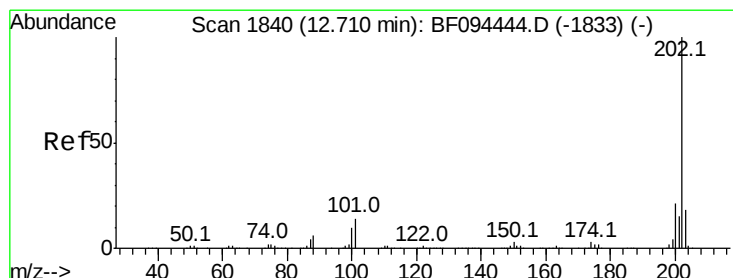
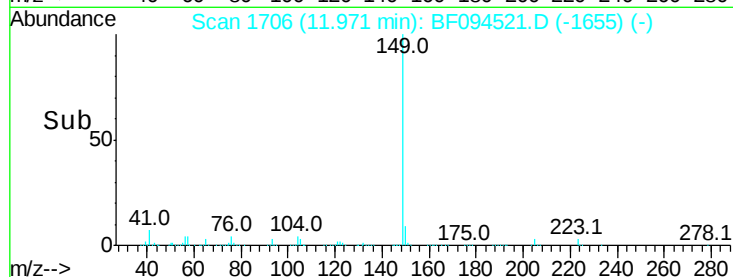
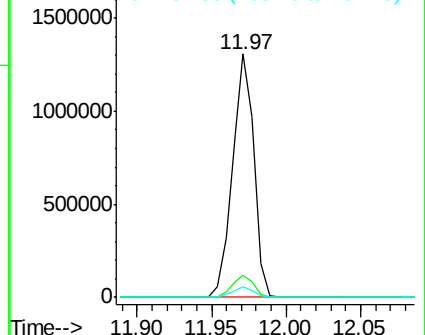
104 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.14 ng

RT: 12.71 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

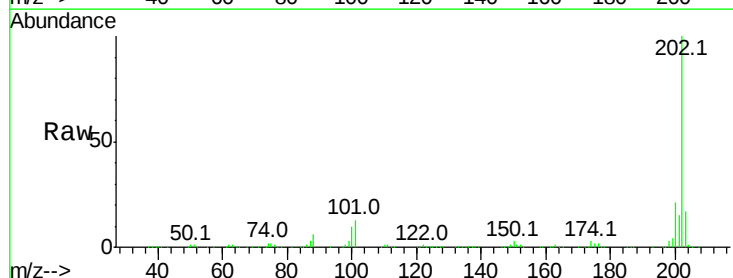
Tgt Ion:202 Resp: 1153564

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.2

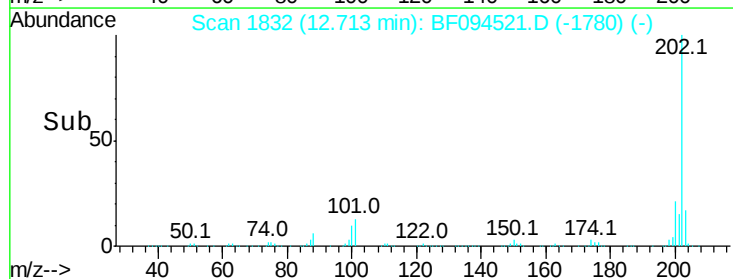
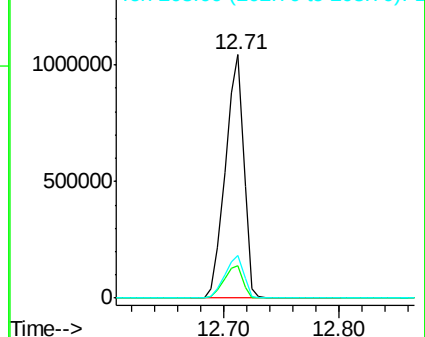
203 17.4 0.0 38.1

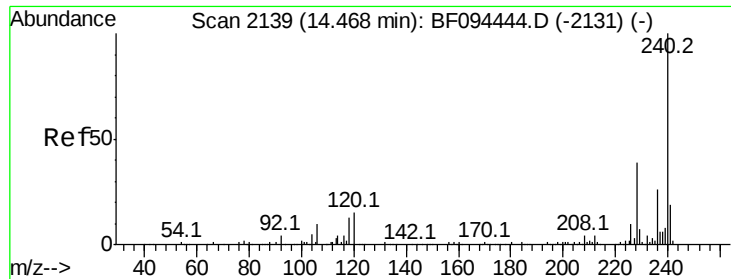


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

Instrument :

BNA_F

ClientSampleId :

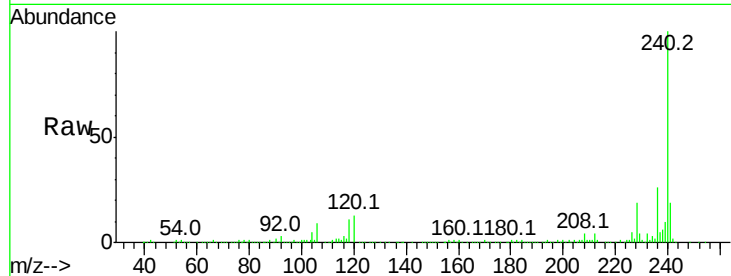
Tot Ion:240 Resp: 316377

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

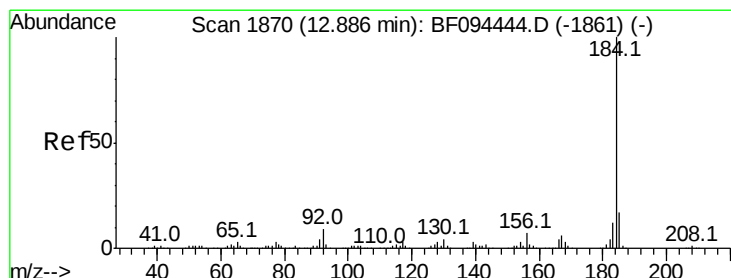
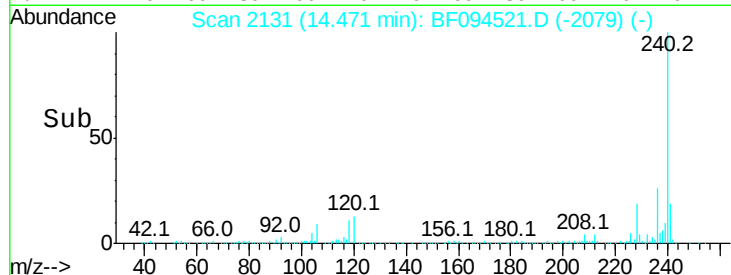
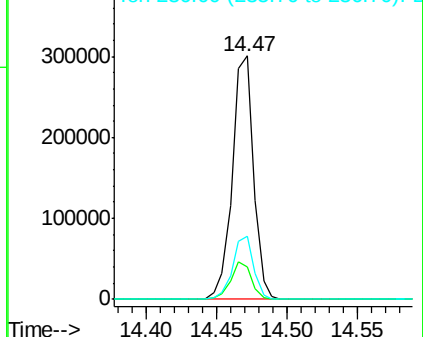
236 26.2 20.5 30.7



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: 29.43 ng

RT: 12.88 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

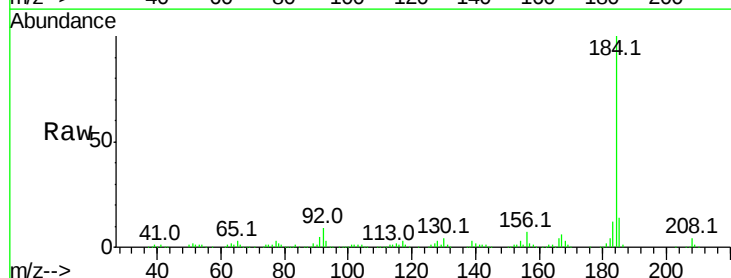
Tgt Ion:184 Resp: 377036

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

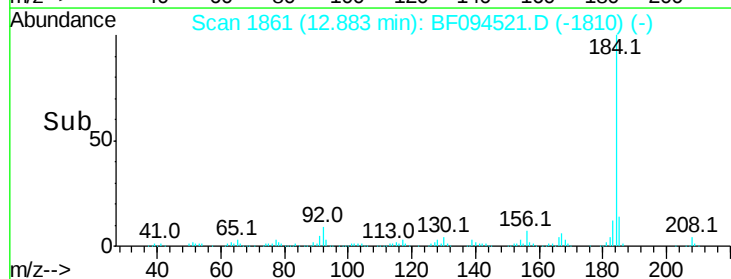
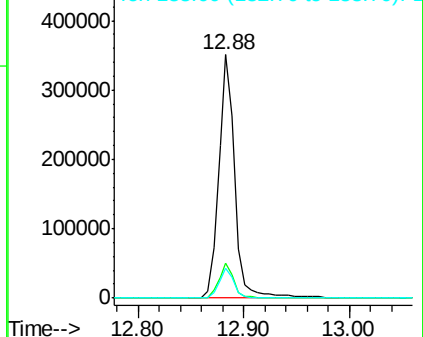
183 12.2 9.8 14.6

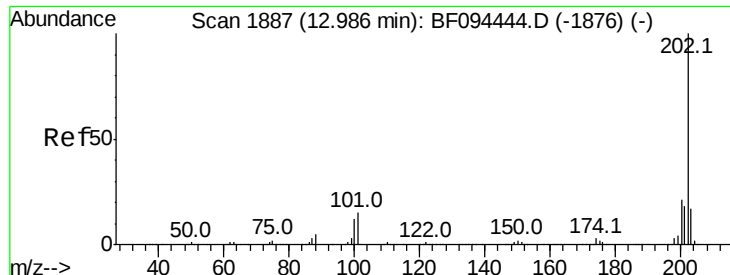


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

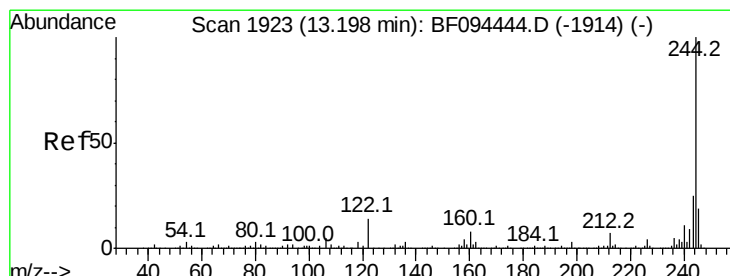
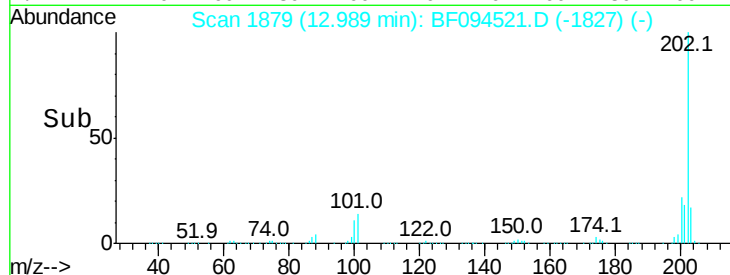
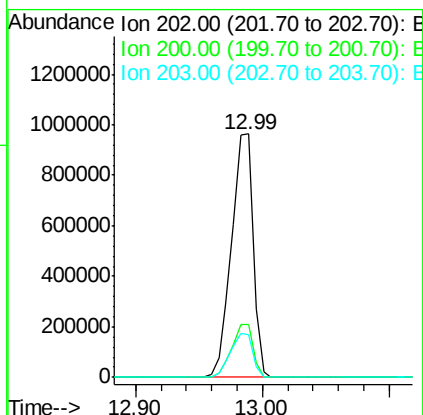
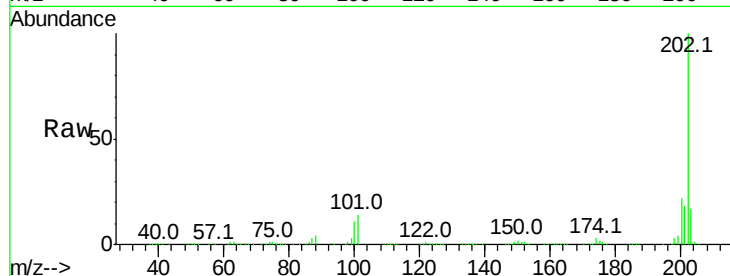




#77
Pvrene
Concen: 51.25 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF094521.D
Acq: 19 Apr 2017 17:45

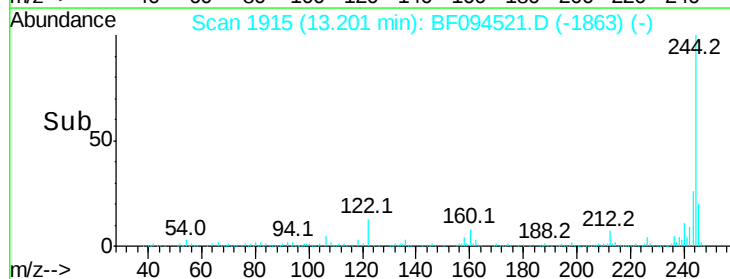
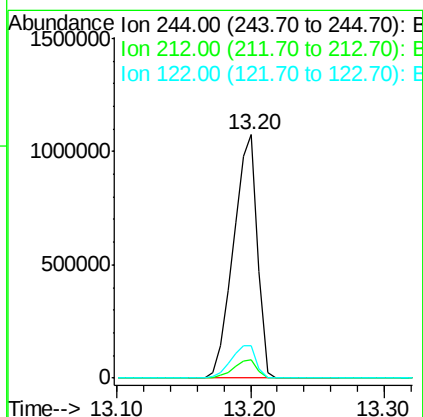
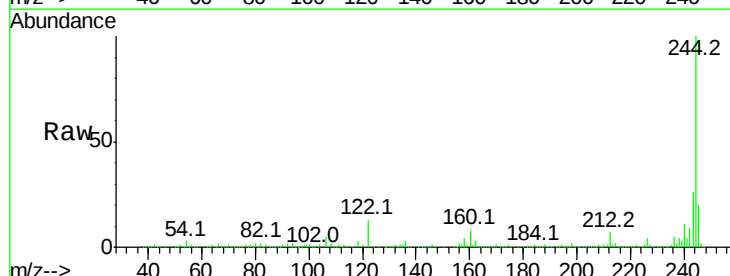
Instrument :
BNA_F
ClientSampleId :

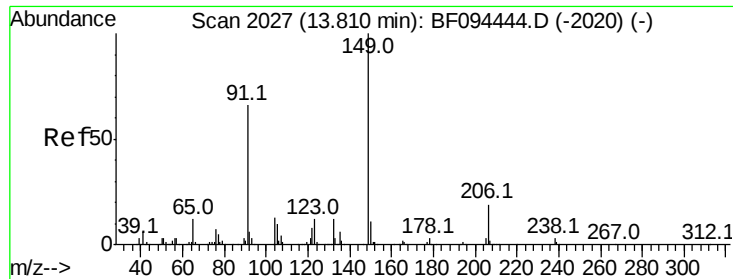
Tot Ion:202 Resp: 1132841
Ion Ratio Lower Upper
202 100
200 21.8 17.6 26.4
203 17.3 14.4 21.6



#78
Terphenyl-d14
Concen: 113.45 ng
RT: 13.20 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BF094521.D
Acq: 19 Apr 2017 17:45

Tgt Ion:244 Resp: 1342887
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 13.4 10.3 15.5

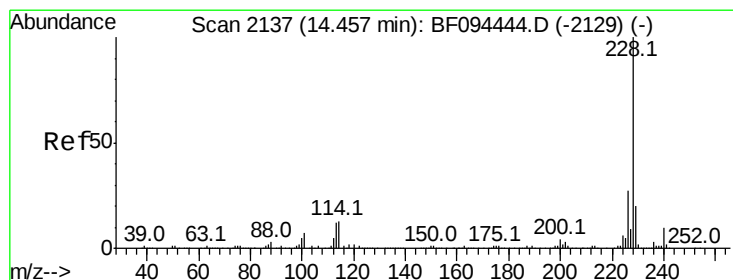
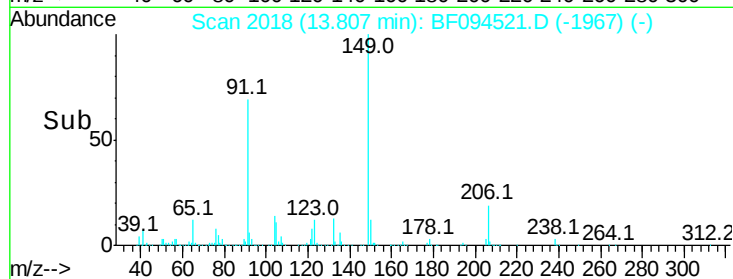
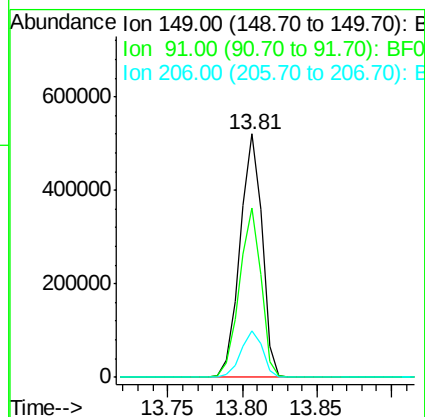
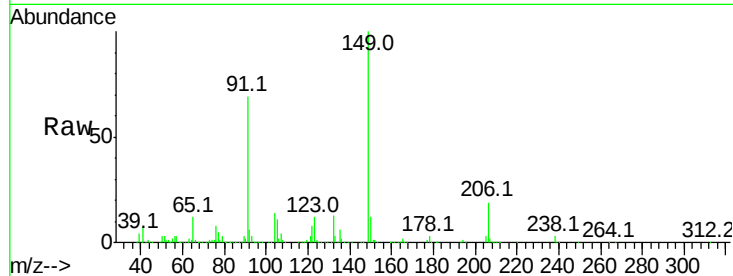




#79
Butylbenzylphthalate
Concen: 55.68 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094521.D
Acq: 19 Apr 2017 17:45

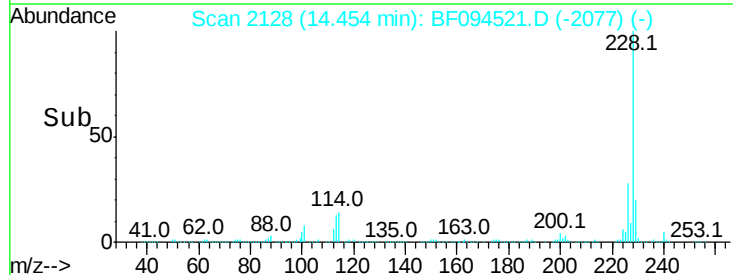
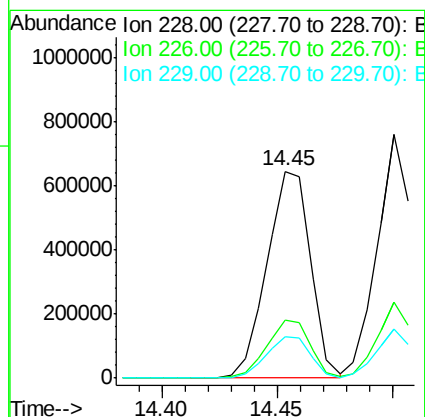
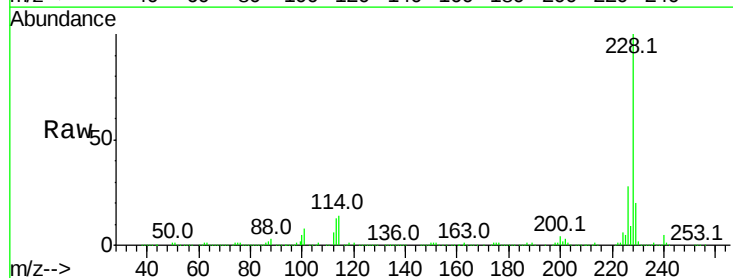
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 539356
Ion Ratio Lower Upper
149 100
91 69.3 45.0 67.4#
206 19.0 17.0 25.6



#80
Benzo(a)anthracene
Concen: 45.98 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BF094521.D
Acq: 19 Apr 2017 17:45

Tgt Ion:228 Resp: 845564
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 20.0 16.3 24.5

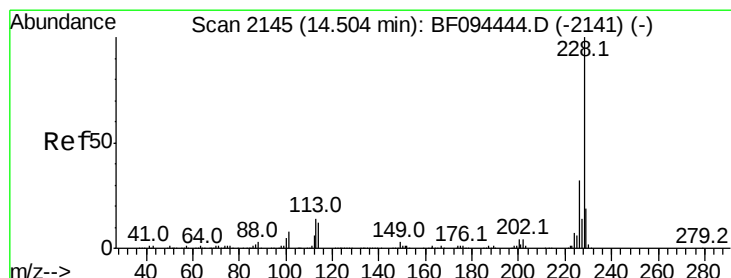
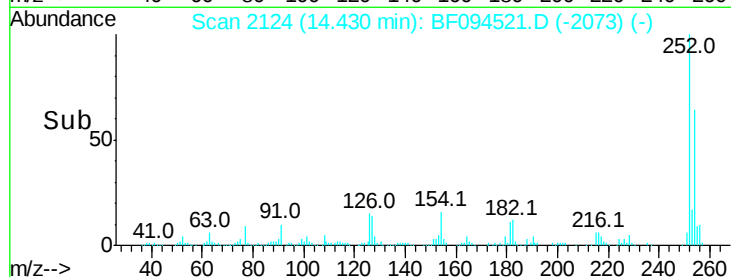
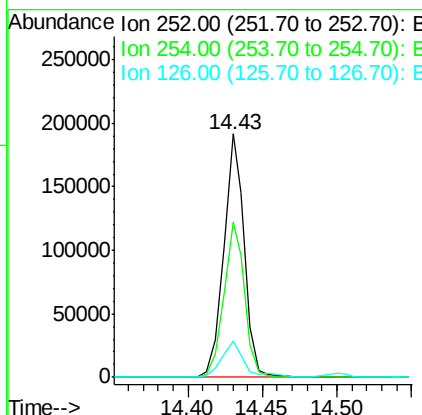
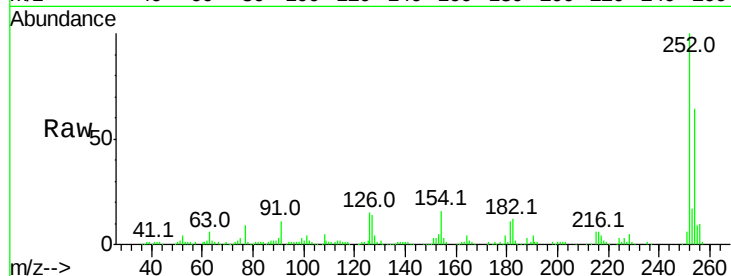




#81
 3,3'-Dichlorobenzidine
 Concen: 28.60 ng
 RT: 14.43 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

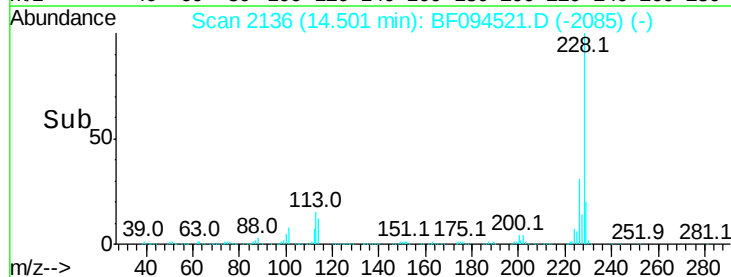
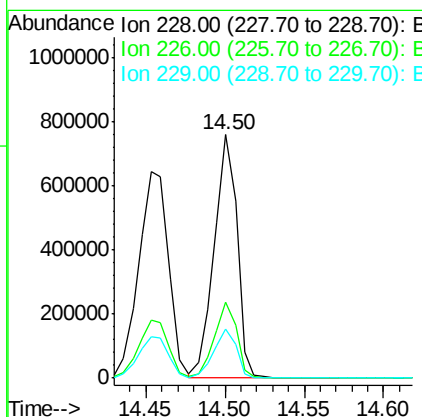
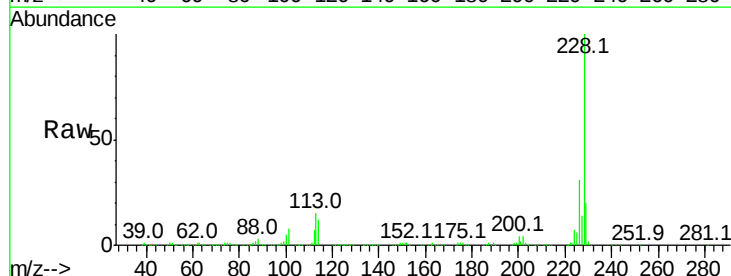
Instrument :
 BNA_F
 ClientSampled :

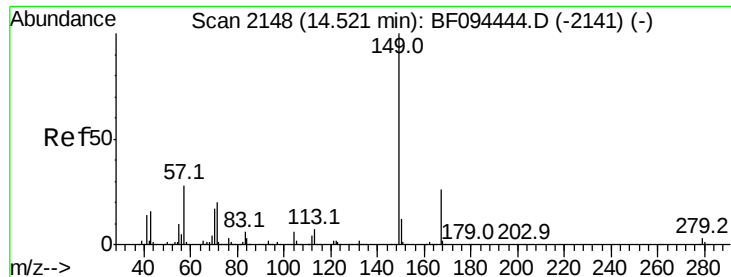
Tot Ion:252 Resp: 186189
 Ion Ratio Lower Upper
 252 100
 254 63.6 51.5 77.3
 126 15.1 15.8 23.8#



#82
 Chrysene
 Concen: 45.46 ng
 RT: 14.50 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

Tgt Ion:228 Resp: 763911
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 20.0 15.8 23.6

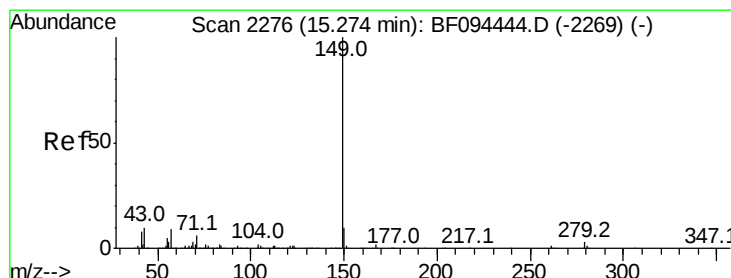
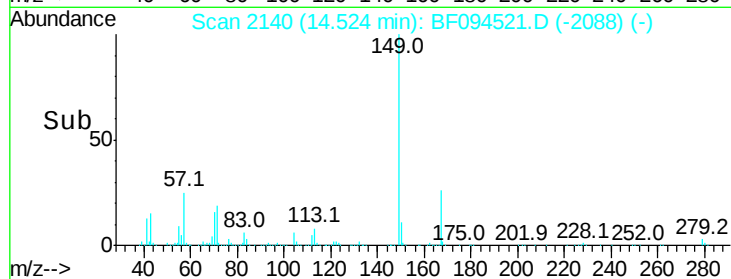
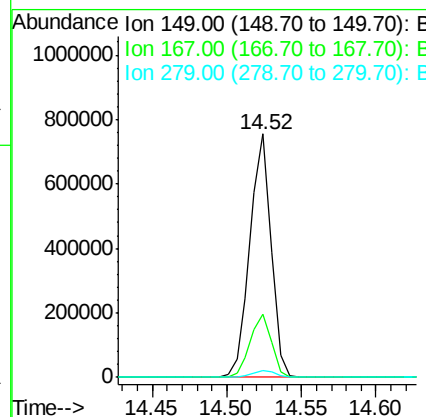
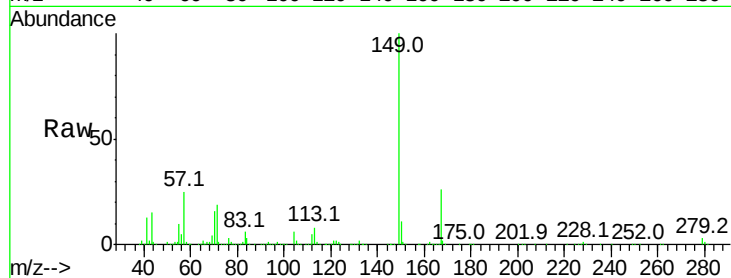




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.23 ng
 RT: 14.52 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

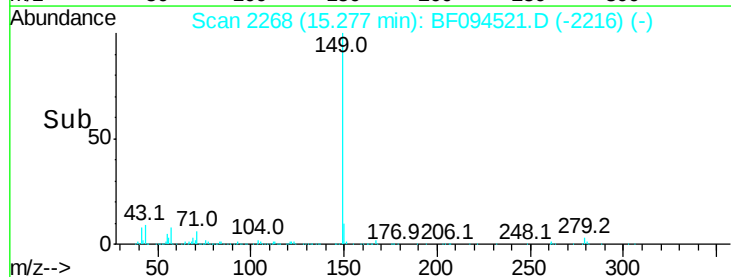
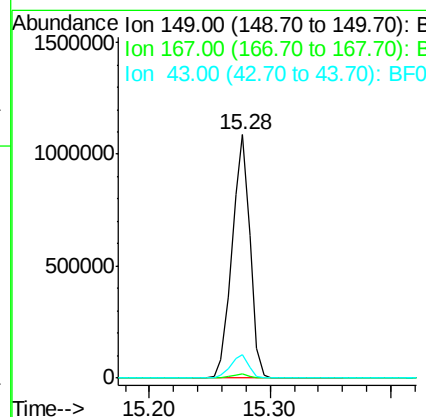
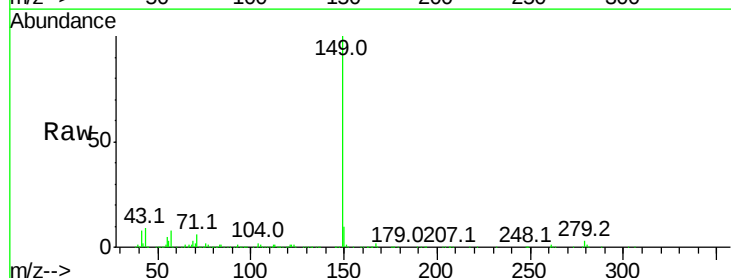
Instrument :
 BNA_F
 ClientSampleId :

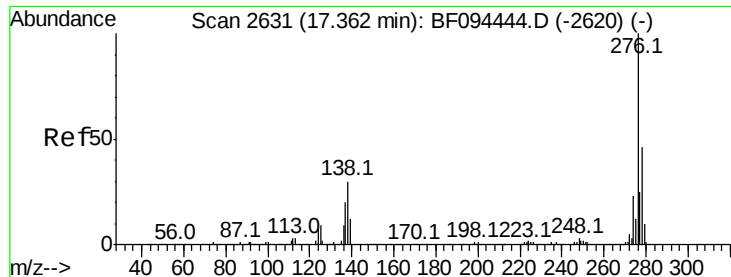
Tot Ion:149 Resp: 744361
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 51.03 ng
 RT: 15.28 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF094521.D
 Acq: 19 Apr 2017 17:45

Tgt Ion:149 Resp: 1113289
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.5 8.5 12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.50 ng

RT: 17.37 min Scan# 2624

Delta R.T. 0.01 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

Instrument :

BNA_F

ClientSampleId :

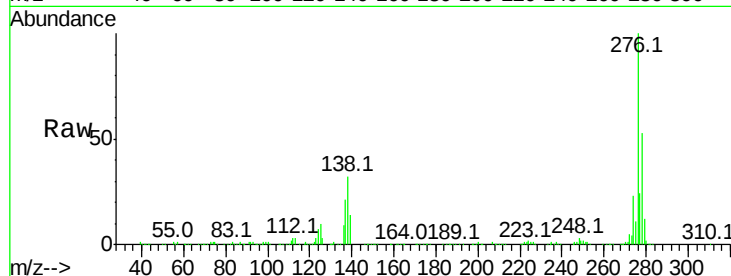
Tot Ion:276 Resp: 791517

Ion Ratio Lower Upper

276 100

138 35.1 27.8 41.6

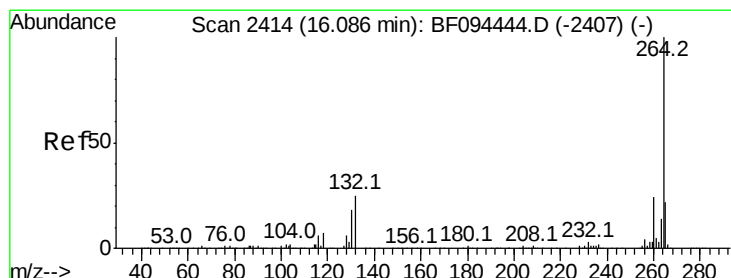
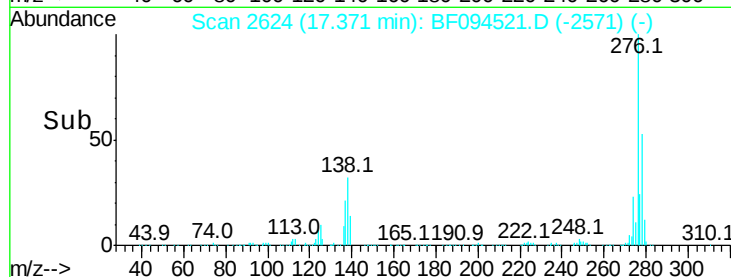
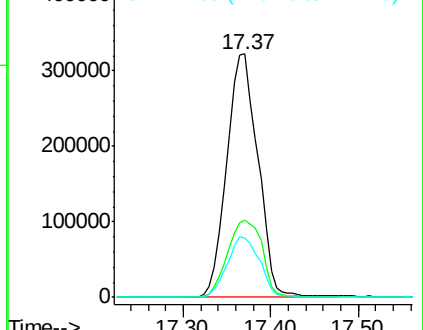
277 25.8 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.09 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

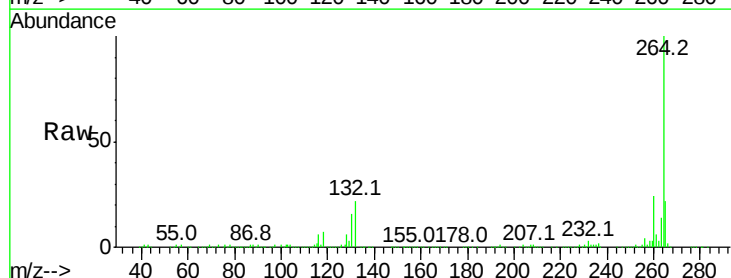
Tgt Ion:264 Resp: 267362

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

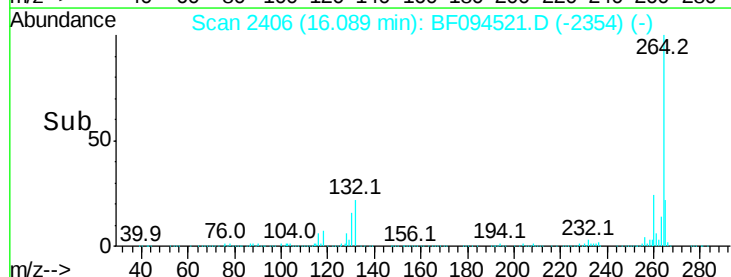
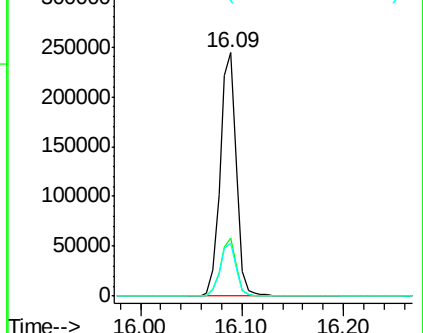
265 21.5 17.2 25.8

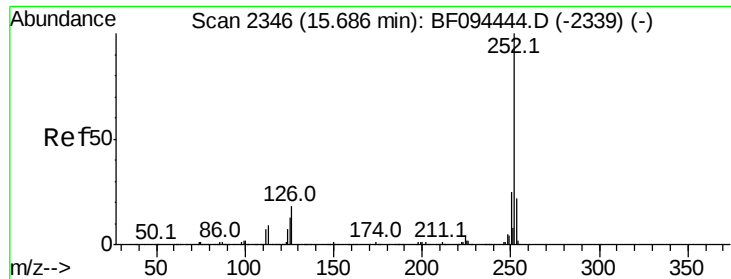


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 47.81 ng

RT: 15.69 min Scan# 2338

Delta R.T. 0.00 min

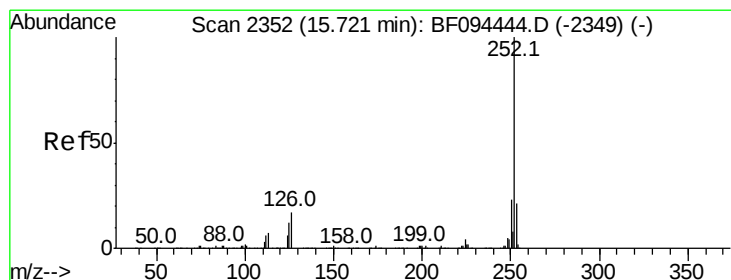
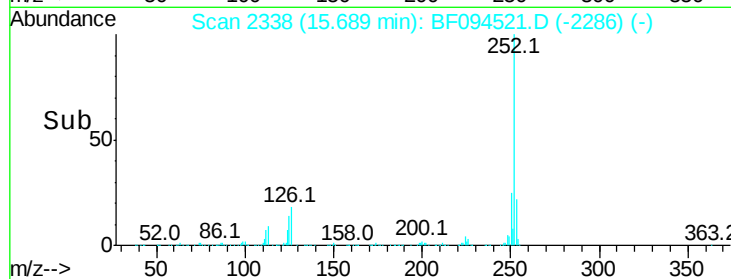
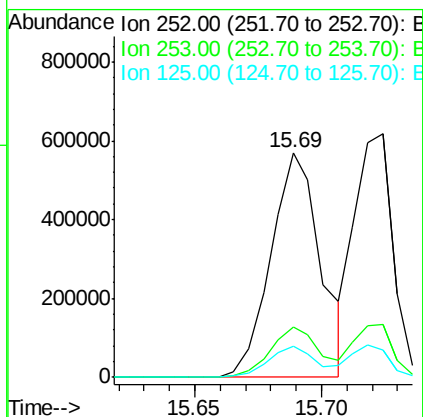
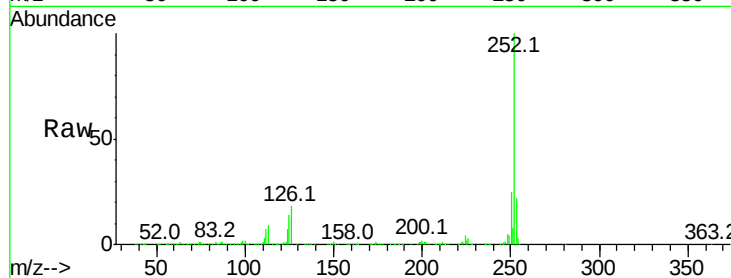
Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 781942

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	14.0	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 50.52 ng

RT: 15.69 min Scan# 2338

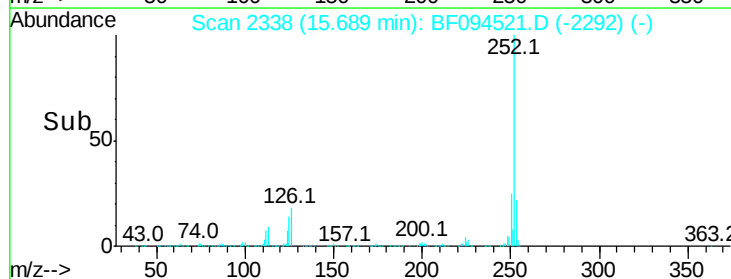
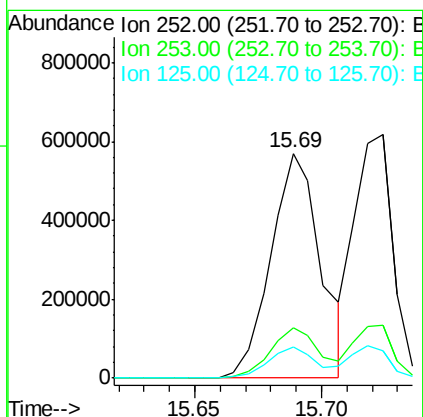
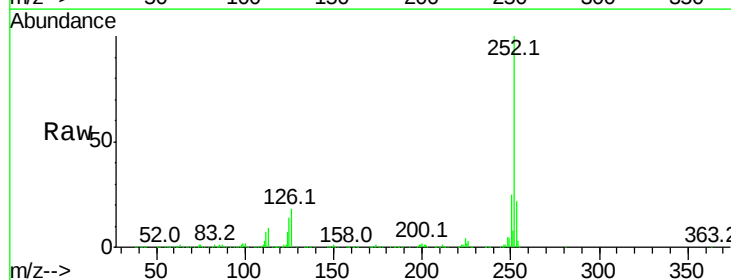
Delta R.T. -0.03 min

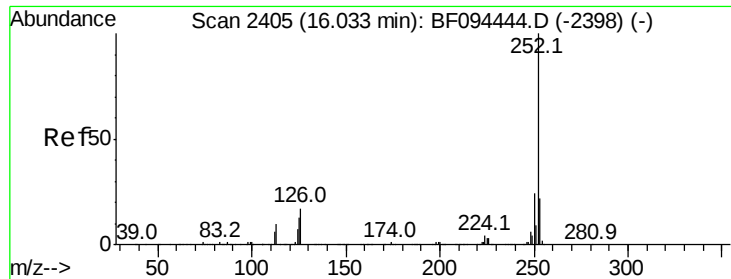
Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

Tgt Ion:252 Resp: 781942

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	14.0	13.1	19.7





#89

Benzo(a)pyrene

Concen: 44.28 ng

RT: 16.04 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

Instrument :

BNA_F

ClientSampleId :

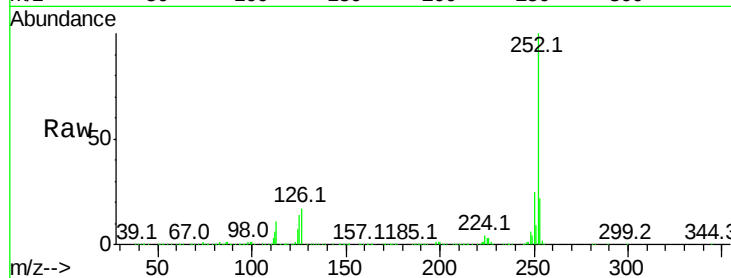
Tot Ion:252 Resp: 673742

Ion Ratio Lower Upper

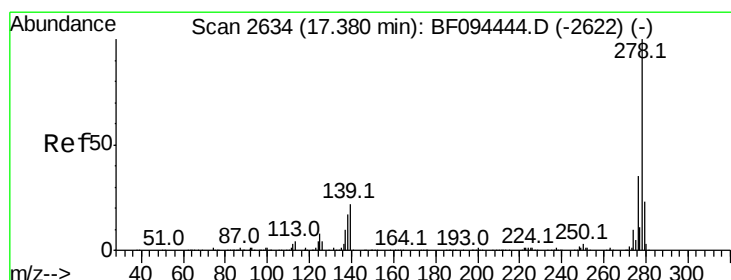
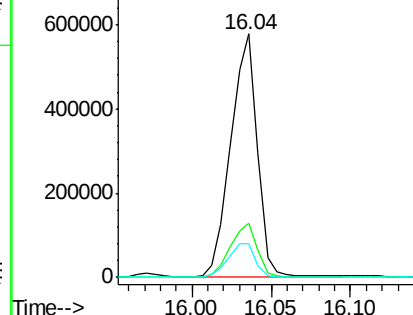
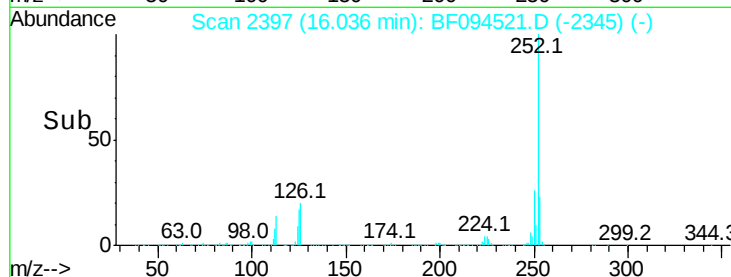
252 100

253 22.1 17.5 26.3

125 13.7 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 51.35 ng

RT: 17.39 min Scan# 2627

Delta R.T. 0.01 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

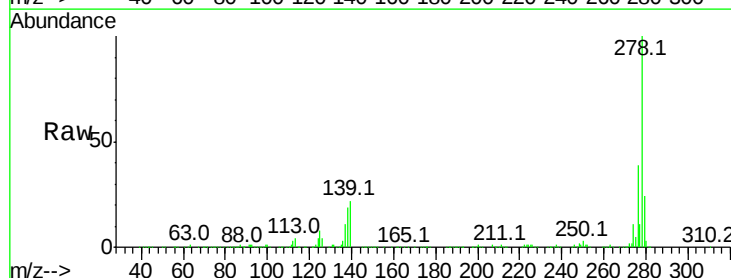
Tgt Ion:278 Resp: 648771

Ion Ratio Lower Upper

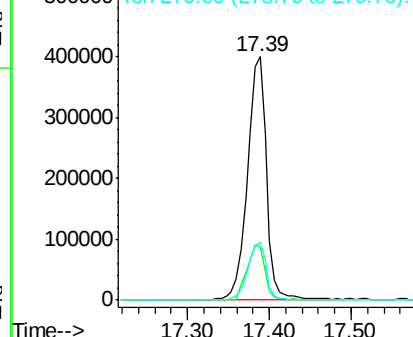
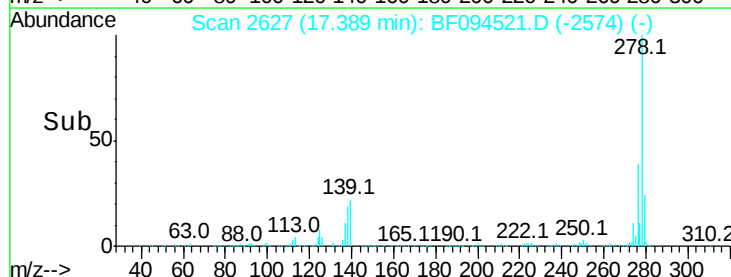
278 100

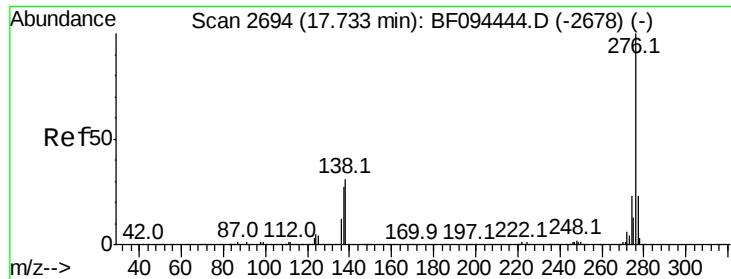
139 22.0 16.6 24.8

279 23.8 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 53.62 ng

RT: 17.74 min Scan# 2687

Delta R.T. 0.01 min

Lab File: BF094521.D

Acq: 19 Apr 2017 17:45

Instrument :

BNA_F

ClientSampleId :

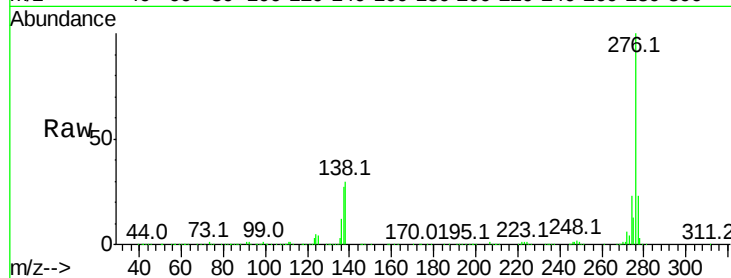
Tot Ion:276 Resp: 689654

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 29.9 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

