

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062717\
 Data File : BF096211.D
 Acq On : 27 Jun 2017 11:48
 Operator : SJ/MA
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 27 16:44:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 27 15:17:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	217663	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	932502	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	399086	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	641965	20.00	ng	0.00
75) Chrysene-d12	13.93	240	435715	20.00	ng	0.01
86) Perylene-d12	15.34	264	431670	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1197489	79.26	ng	0.01
7) Phenol-d6	6.41	99	1432735	78.32	ng	0.02
23) Nitrobenzene-d5	7.35	82	1113513	82.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	255697	81.41	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1837904	84.34	ng	-0.01
78) Terphenyl-d14	12.87	244	1364635	78.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	287038	39.83	ng	# 79
3) Pyridine	3.20	79	802578	40.60	ng	# 70
4) n-Nitrosodimethylamine	3.15	42	398430	40.75	ng	# 88
6) Aniline	6.44	93	1009256	40.01	ng	99
8) 2-Chlorophenol	6.56	128	596680	40.25	ng	90
9) Benzaldehyde	6.32	77	452974	41.10	ng	95
10) Phenol	6.42	94	819313	40.74	ng	95
11) bis(2-Chloroethyl)ether	6.52	93	655602	39.84	ng	91
12) 1,3-Dichlorobenzene	6.72	146	644056	39.42	ng	97
13) 1,4-Dichlorobenzene	6.80	146	650057	39.63	ng	94
14) 1,2-Dichlorobenzene	6.95	146	590689	39.53	ng	100
15) Benzyl Alcohol	6.92	79	501138	40.60	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1395493	40.14	ng	91
17) 2-Methylphenol	7.03	107	510174	39.68	ng	98
18) Hexachloroethane	7.30	117	240411	40.64	ng	# 78
19) n-Nitroso-di-n-propylamine	7.20	70	438353	40.00	ng	# 79
20) 3+4-Methylphenols	7.19	107	574091	39.15	ng	96
22) Acetophenone	7.19	105	764045	39.42	ng	# 95
24) Nitrobenzene	7.36	77	639963	42.90	ng	94
25) Isophorone	7.60	82	1201518	39.28	ng	98
26) 2-Nitrophenol	7.68	139	262924	39.53	ng	92
27) 2,4-Dimethylphenol	7.72	122	546145	39.51	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	806253	38.91	ng	99
29) 2,4-Dichlorophenol	7.92	162	480771	40.78	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	459797	39.30	ng	97
31) Naphthalene	8.09	128	1736862	38.64	ng	100
32) Benzoic acid	7.83	122	359775	38.83	ng	92
33) 4-Chloroaniline	8.13	127	736636	39.59	ng	98
34) Hexachlorobutadiene	8.21	225	230484	39.71	ng	99
35) Caprolactam	8.50	113	167650	41.15	ng	# 60
36) 4-Chloro-3-methylphenol	8.61	107	517817	40.37	ng	88
37) 2-Methylnaphthalene	8.77	142	1134392	38.86	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	371681	38.47	ng	99
40) Hexachlorocyclopentadiene	8.93	237	184353	42.57	ng	100

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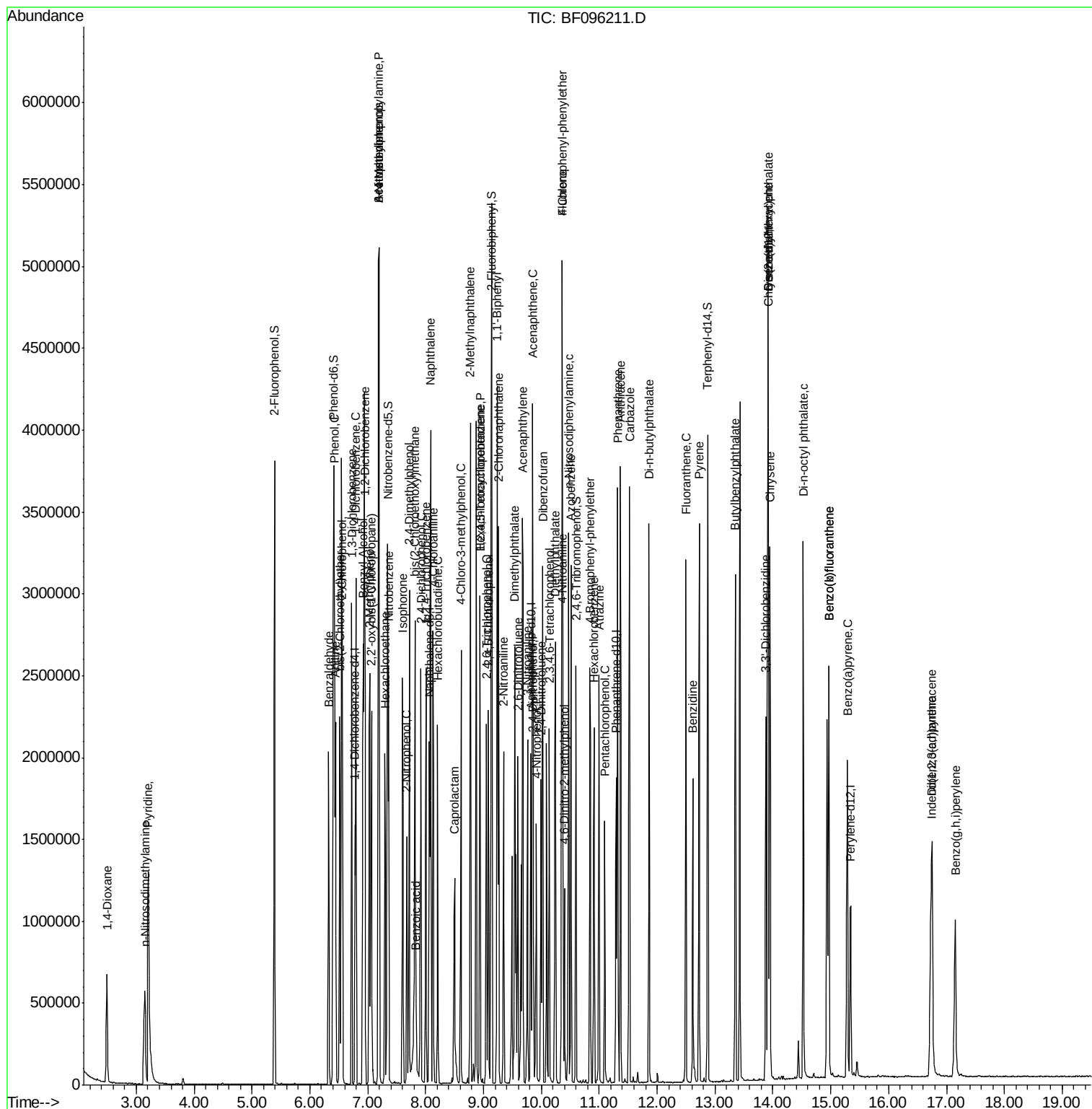
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	294253	40.41	nq	96
43) 2,4,5-Trichlorophenol	9.09	196	321383	41.87	nq	99
45) 1,1'-Biphenyl	9.24	154	1228716	40.13	nq	98
46) 2-Chloronaphthalene	9.26	162	980862	38.62	nq	# 93
47) 2-Nitroaniline	9.35	65	330470	41.19	nq	97
48) Acenaphthylene	9.67	152	1627095	38.60	nq	100
49) Dimethylphthalate	9.54	163	1114483	39.02	nq	100
50) 2,6-Dinitrotoluene	9.60	165	242937	40.89	nq	# 84
51) Acenaphthene	9.85	154	943667	38.04	nq	99
52) 3-Nitroaniline	9.76	138	307232	40.38	nq	99
53) 2,4-Dinitrophenol	9.86	184	73697	39.48	nq	# 81
54) Dibenzofuran	10.02	168	1288498	39.78	nq	99
55) 4-Nitrophenol	9.91	139	255901	41.60	nq	# 58
56) 2,4-Dinitrotoluene	9.99	165	316582	42.28	nq	# 71
57) Fluorene	10.36	166	920333	41.26	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	220999	41.21	nq	96
59) Diethylphthalate	10.24	149	1135318	39.59	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	380868	42.37	nq	97
61) 4-Nitroaniline	10.37	138	265907	40.17	nq	94
62) Azobenzene	10.52	77	1127837	39.00	nq	93
64) 4,6-Dinitro-2-methylphenol	10.40	198	122897	38.58	nq	91
65) n-Nitrosodiphenylamine	10.47	169	902448	39.09	nq	98
66) 4-Bromophenyl-phenylether	10.84	248	262316	39.71	nq	95
67) Hexachlorobenzene	10.91	284	271546	39.99	nq	# 88
68) Atrazine	11.00	200	242897	39.88	nq	94
69) Pentachlorophenol	11.10	266	169552	43.74	nq	99
70) Phenanthrene	11.32	178	1385509	42.63	nq	100
71) Anthracene	11.37	178	1437827	40.08	nq	99
72) Carbazole	11.52	167	1533390	38.72	nq	98
73) Di-n-butylphthalate	11.86	149	1700609	40.67	nq	99
74) Fluoranthene	12.50	202	1384859	38.83	nq	98
76) Benzidine	12.62	184	697601	42.70	nq	# 94
77) Pyrene	12.73	202	1444723	40.35	nq	99
79) Butylbenzylphthalate	13.35	149	695123	42.36	nq	# 75
80) Benzo(a)anthracene	13.91	228	1079130	40.63	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	438384	43.34	nq	98
82) Chrysene	13.95	228	1112871	40.51	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	776538	43.55	nq	98
84) Di-n-octyl phthalate	14.53	149	1555652	42.35	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.73	276	915982	40.17	nq	96
87) Benzo(b)fluoranthene	14.97	252	1057975	37.31	nq	98
88) Benzo(k)fluoranthene	14.97	252	1057975	40.87	nq	98
89) Benzo(a)pyrene	15.29	252	1002635	40.03	nq	# 97
90) Dibenzo(a,h)anthracene	16.76	278	767378	39.13	nq	97
91) Benzo(g,h,i)perylene	17.16	276	778363	38.18	nq	99

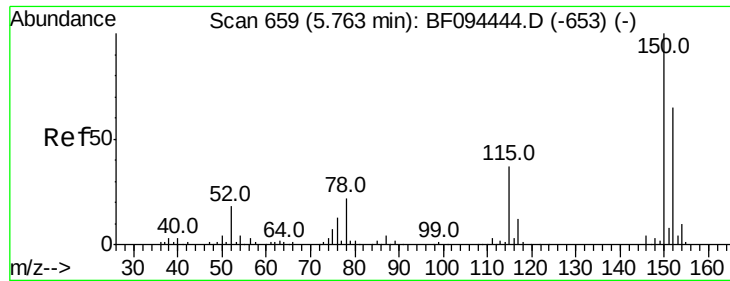
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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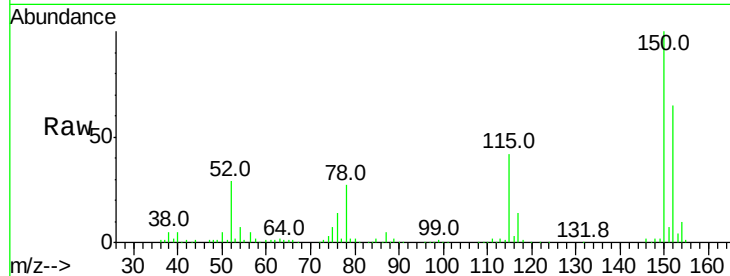


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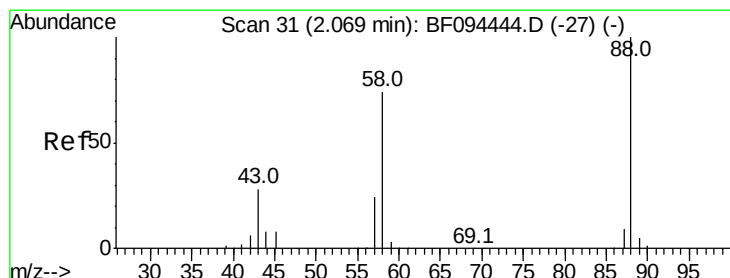
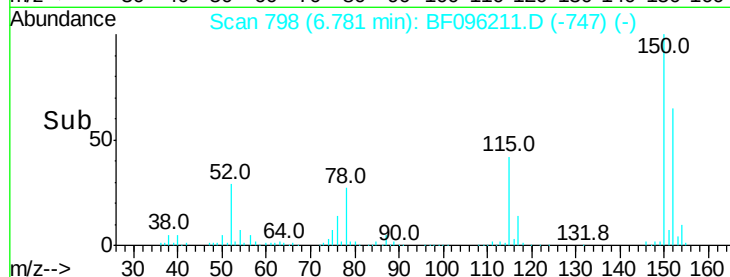
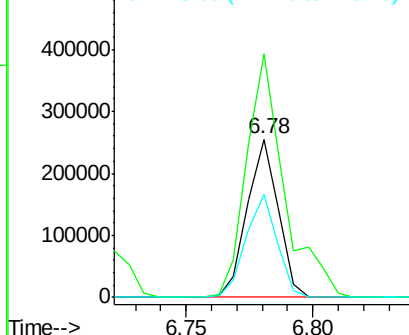
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 217663
Ion Ratio Lower Upper
152 100
150 153.8 126.2 189.2
115 64.6 52.2 78.2



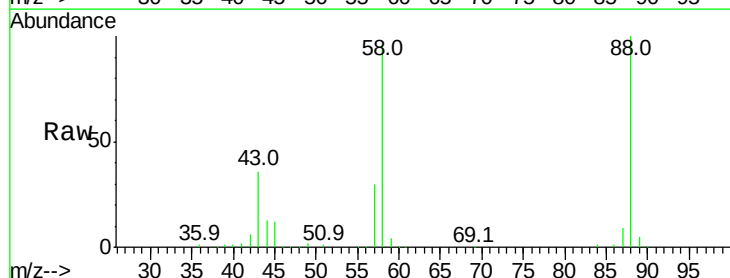
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



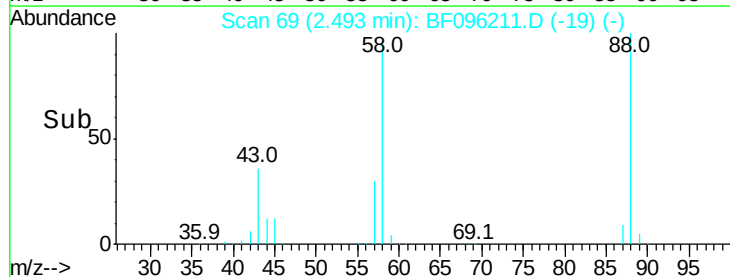
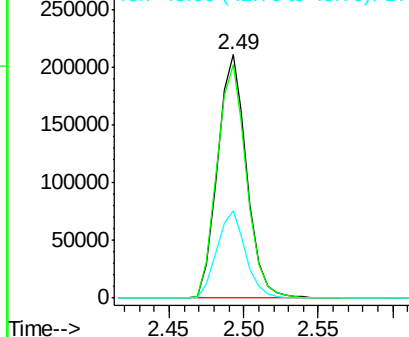
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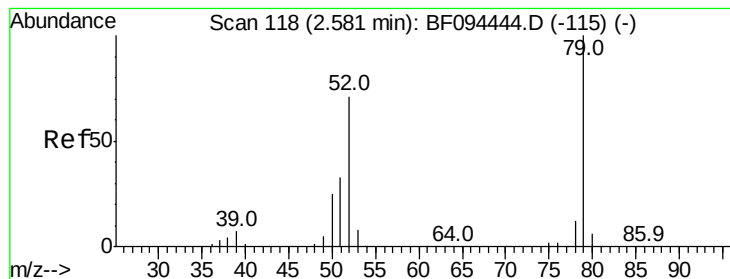
1,4-Dioxane
Concen: 39.83 ng
RT: 2.49 min Scan# 69
Delta R.T. -0.01 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

Tgt Ion: 88 Resp: 287038
Ion Ratio Lower Upper
88 100
58 97.6 61.4 92.0#
43 35.4 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: 40.60 ng

RT: 3.20 min Scan# 190

Delta R.T. -0.03 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

Instrument :

BNA_F

ClientSampleId :

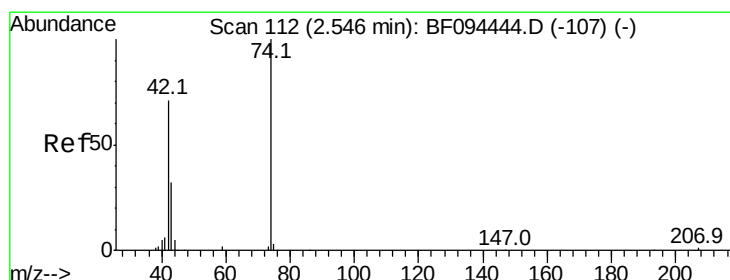
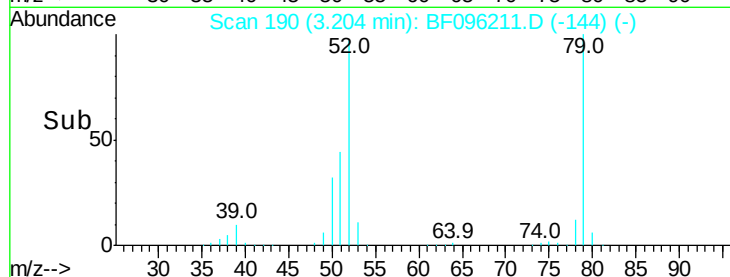
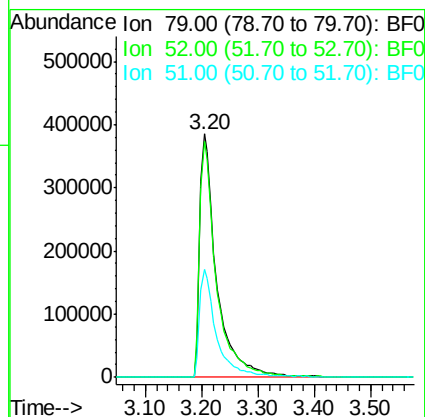
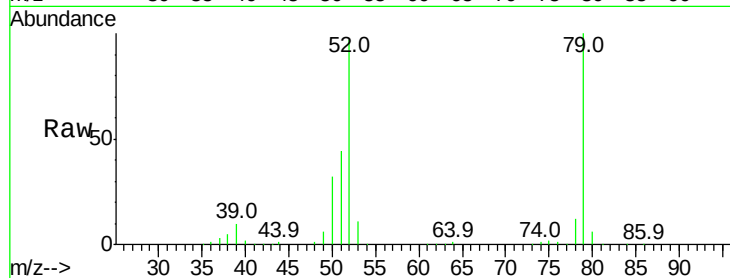
Tot Ion: 79 Resp: 802578

Ion Ratio Lower Upper

79 100

52 97.2 54.8 82.2#

51 44.1 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 40.75 ng

RT: 3.15 min Scan# 181

Delta R.T. 0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

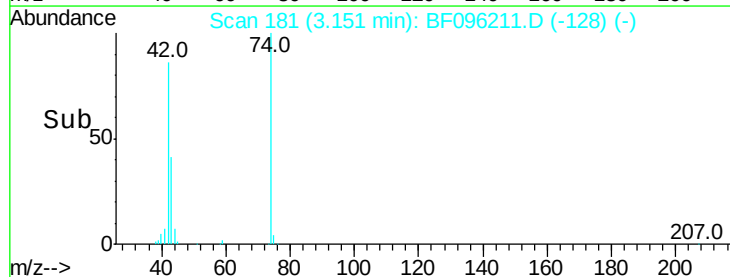
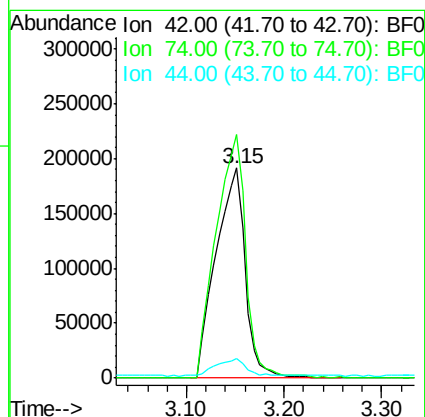
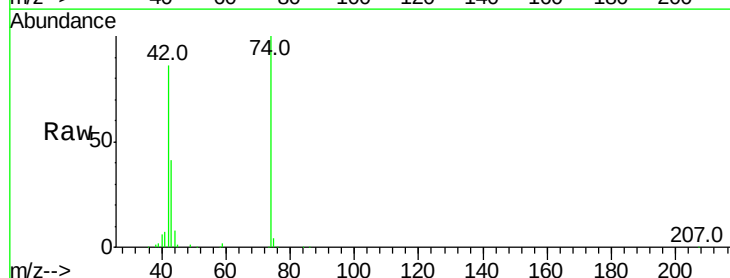
Tgt Ion: 42 Resp: 398430

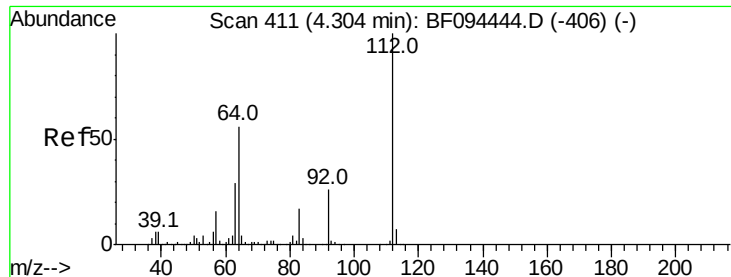
Ion Ratio Lower Upper

42 100

74 116.0 103.9 155.9

44 9.3 5.7 8.5#





#5

2-Fluorophenol

Concen: 79.26 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

Instrument :
BNA_F
ClientSampled :

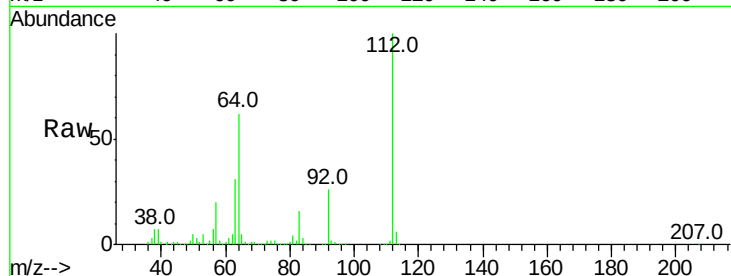
Tot Ion:112 Resp: 1197489

Ion Ratio Lower Upper

112 100

64 62.4 46.0 69.0

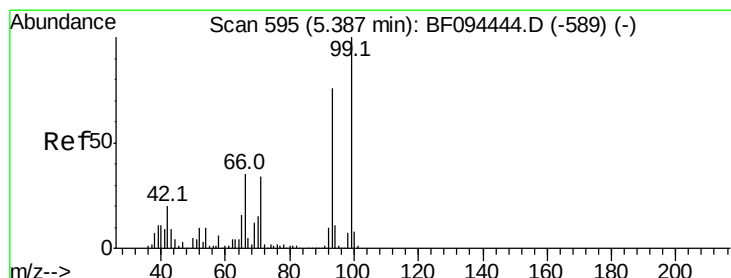
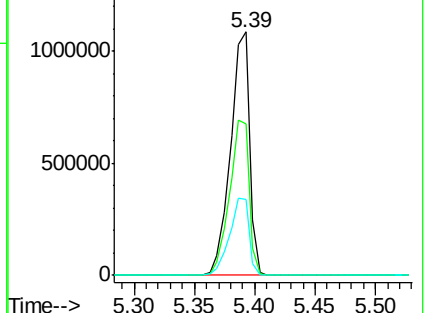
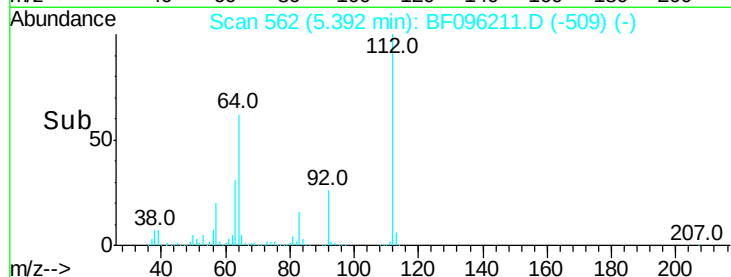
63 31.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.01 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

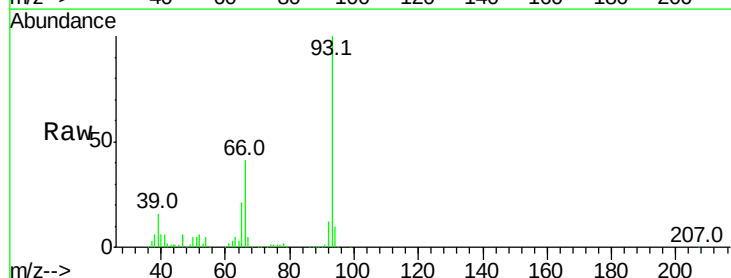
Tgt Ion: 93 Resp: 1009256

Ion Ratio Lower Upper

93 100

66 41.4 32.9 49.3

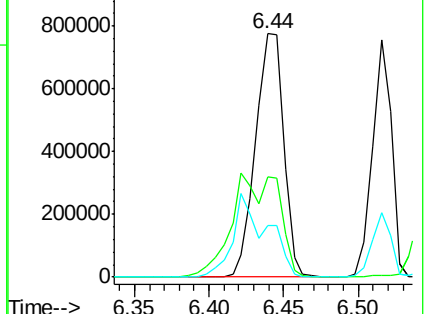
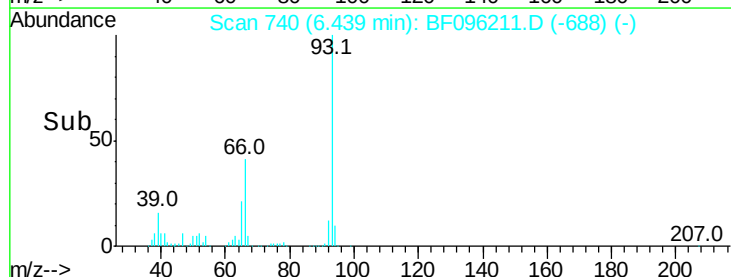
65 21.3 16.0 24.0

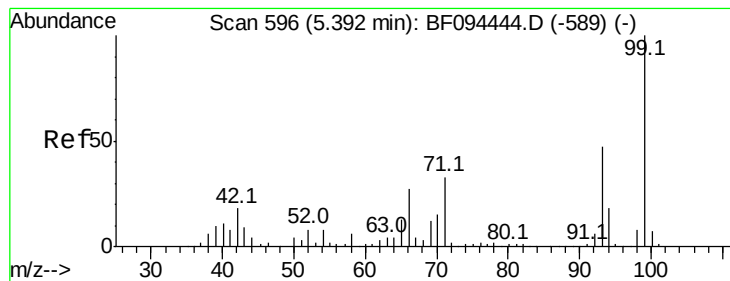


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.32 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

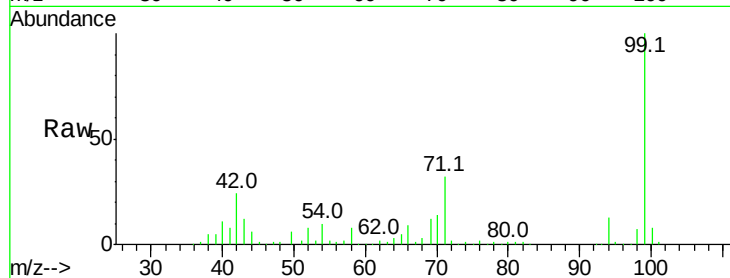
Instrument :

BNA_F

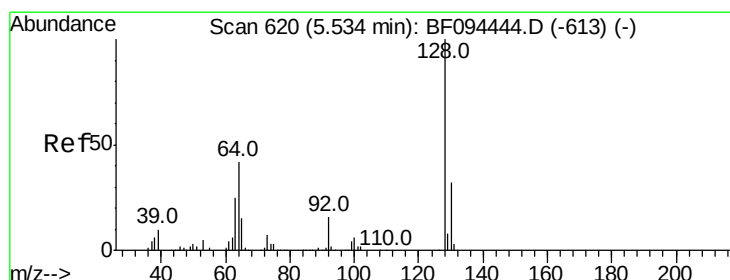
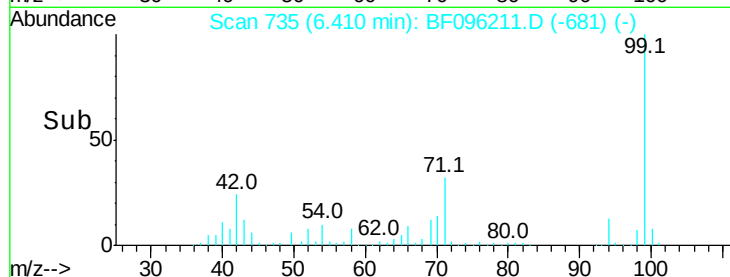
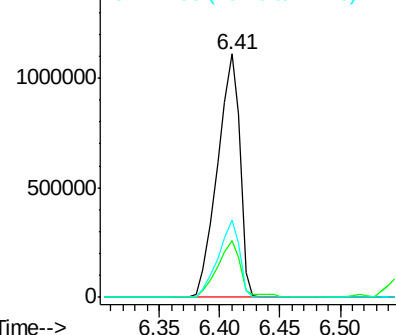
ClientSampled :

Tot Ion: 99 Resp: 1432735

Ion	Ratio	Lower	Upper
99	100		
42	23.5	13.5	20.3#
71	31.9	24.5	36.7



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



#8

2-Chlorophenol

Concen: 40.25 ng

RT: 6.56 min Scan# 761

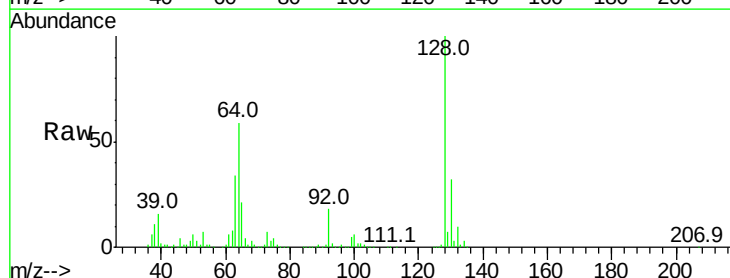
Delta R.T. 0.01 min

Lab File: BF096211.D

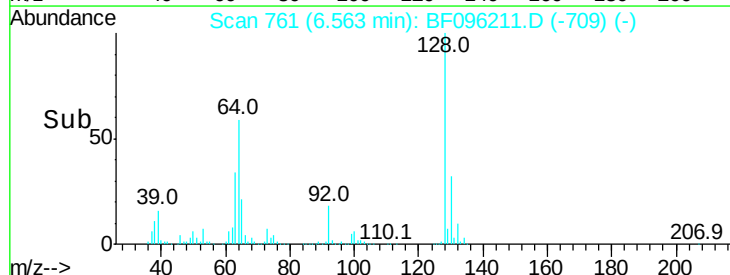
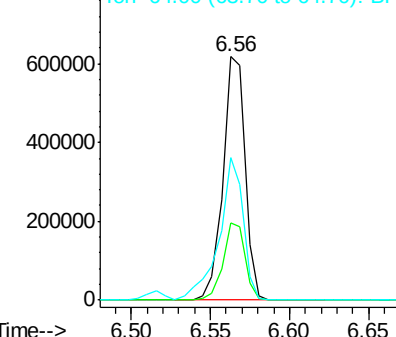
Acq: 27 Jun 2017 11:48

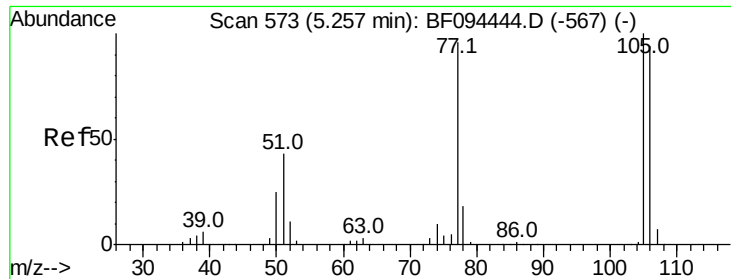
Tgt Ion: 128 Resp: 596680

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.9	52.9
64	58.8	28.4	68.4



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

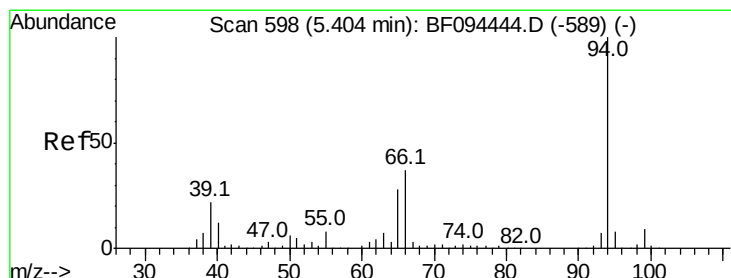
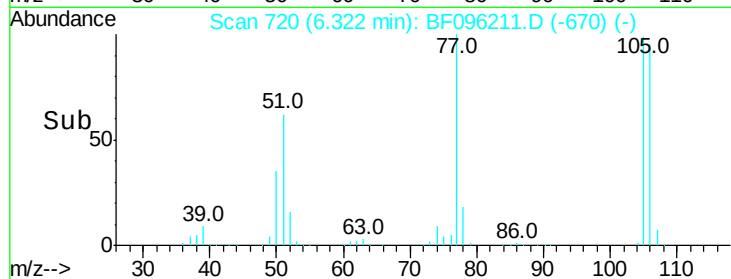
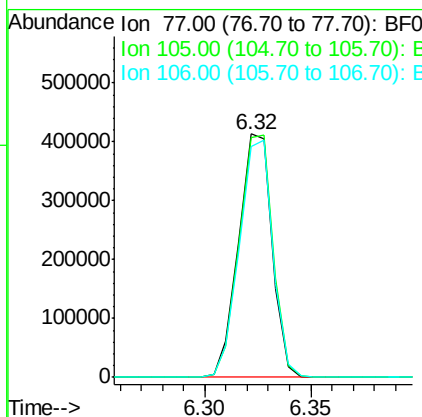
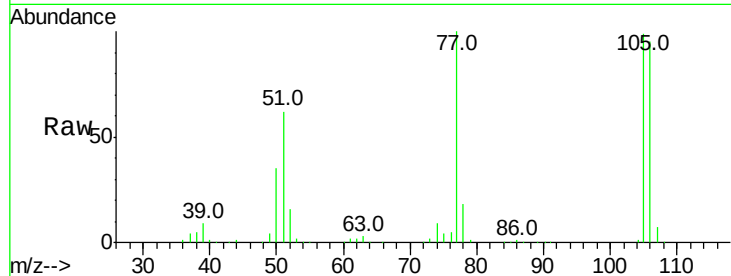




#9
Benzaldehyde
Concen: 41.10 ng
RT: 6.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF096211.D
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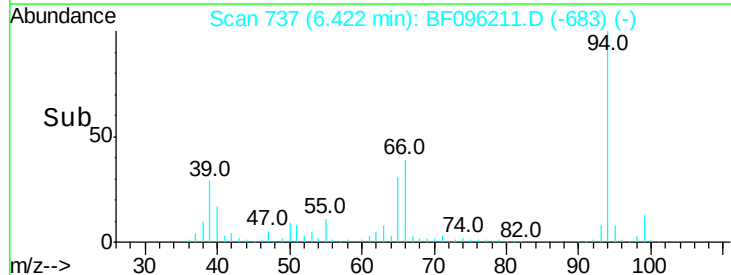
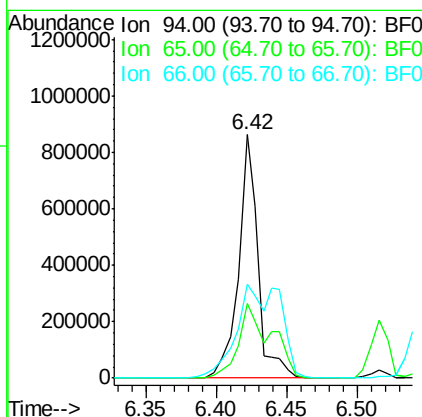
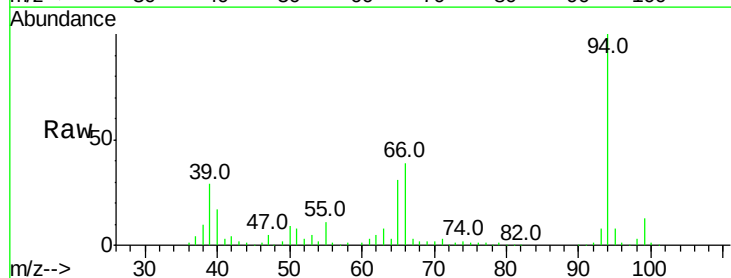
Instrument :
BNA_F
ClientSampled :

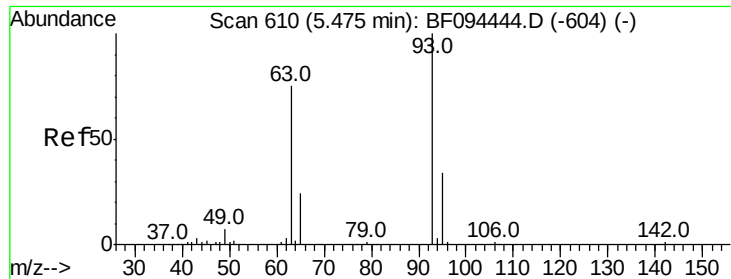
Tot Ion: 77 Resp: 452974
Ion Ratio Lower Upper
77 100
105 98.7 83.8 123.8
106 94.8 79.1 119.1



#10
Phenol
Concen: 40.74 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.02 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

Tgt Ion: 94 Resp: 819313
Ion Ratio Lower Upper
94 100
65 30.9 9.9 49.9
66 38.6 23.1 63.1

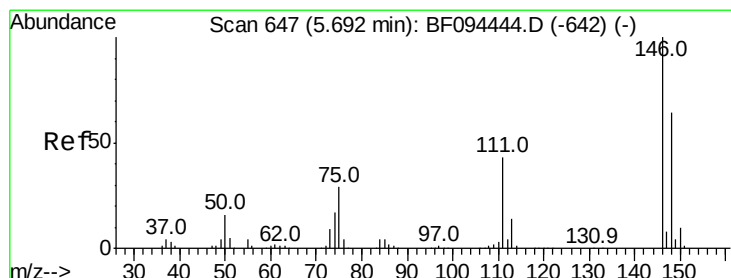
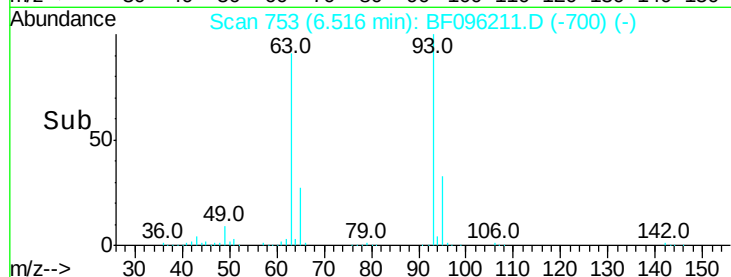
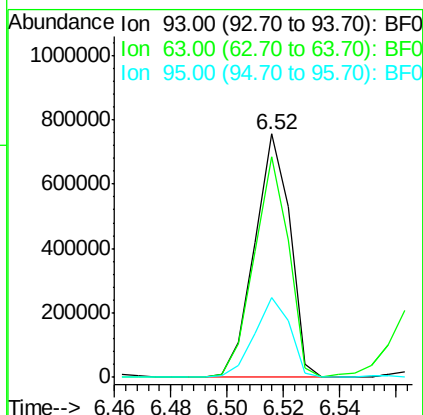
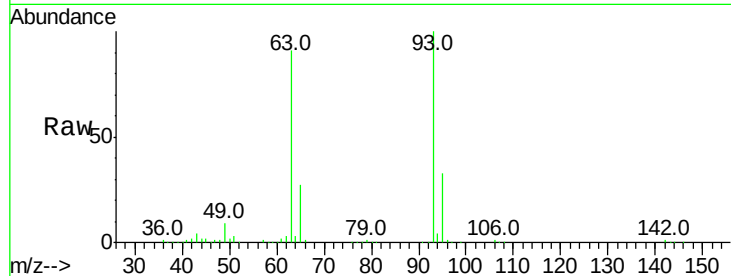




#11
bis(2-Chloroethyl)ether
Concen: 39.84 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

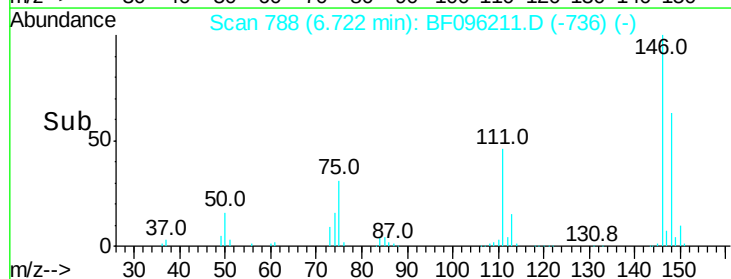
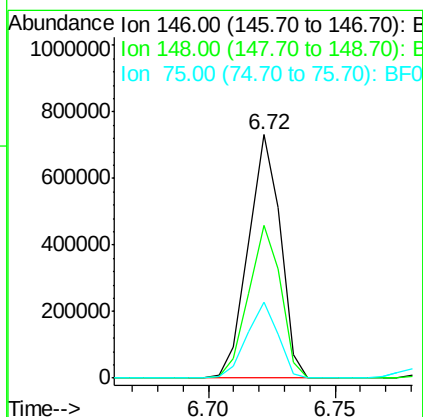
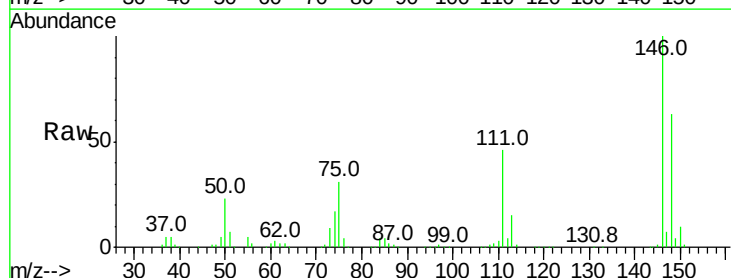
Instrument :
BNA_F
ClientSampleId :

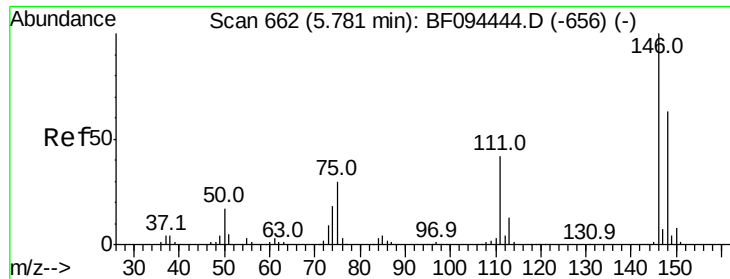
Tot Ion	Ratio	Lower	Upper
93	100		
63	90.5	59.2	99.2
95	32.8	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 39.42 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.8	77.6
75	31.3	23.1	34.7

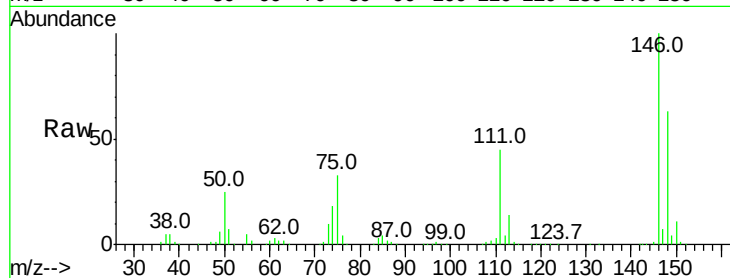




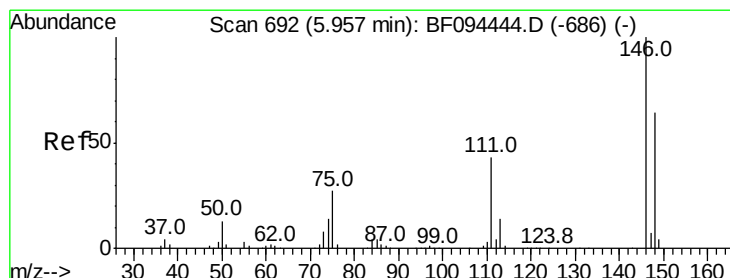
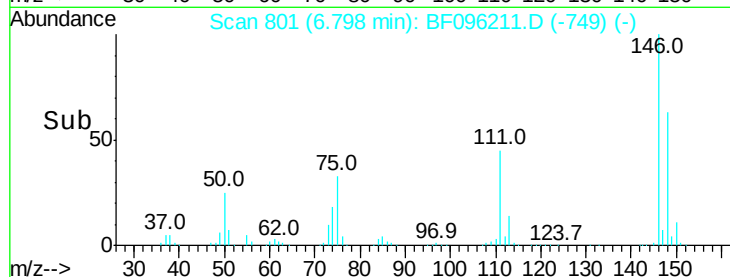
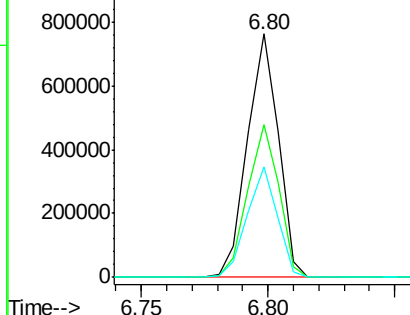
#13
 1,4-Dichlorobenzene
 Concen: 39.63 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF096211.D
 Acq: 27 Jun 2017 11:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 650057
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.2 78.2
 111 45.4 30.3 45.5

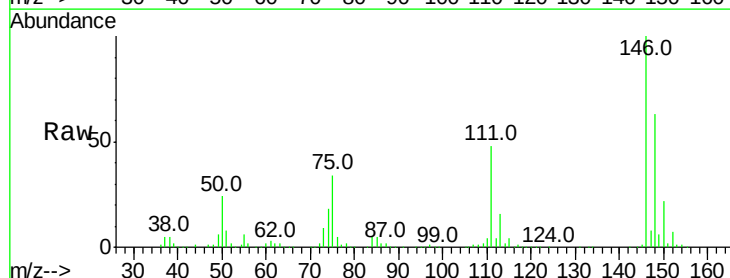


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

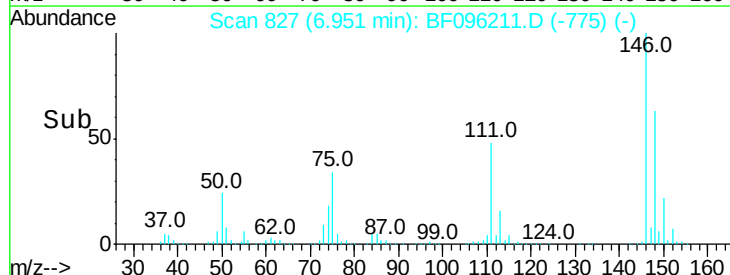
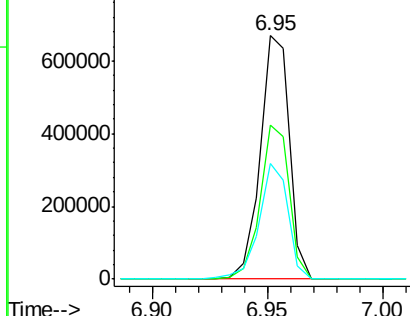


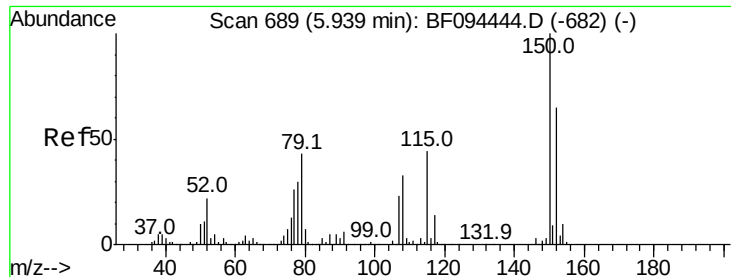
#14
 1,2-Dichlorobenzene
 Concen: 39.53 ng
 RT: 6.95 min Scan# 827
 Delta R.T. 0.01 min
 Lab File: BF096211.D
 Acq: 27 Jun 2017 11:48

Tgt Ion:146 Resp: 590689
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.4 75.6
 111 47.7 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 40.60 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

Instrument :

BNA_F

ClientSampleId :

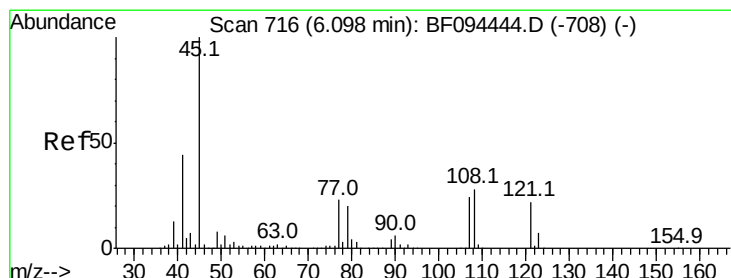
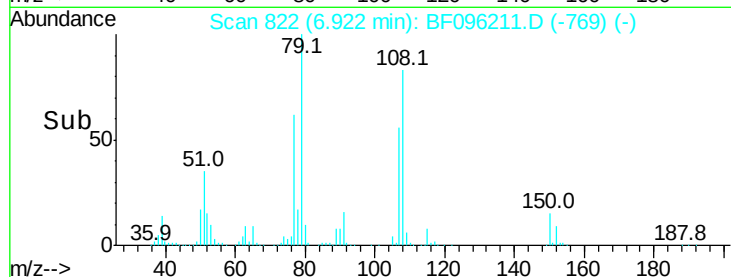
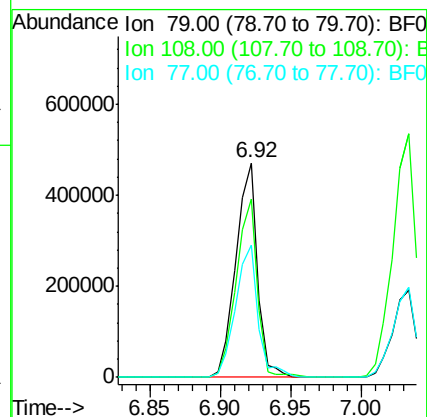
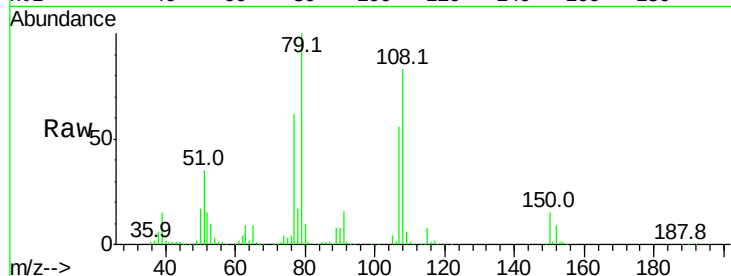
Tot Ion: 79 Resp: 501138

Ion Ratio Lower Upper

79 100

108 83.0 63.4 95.0

77 61.6 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.14 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

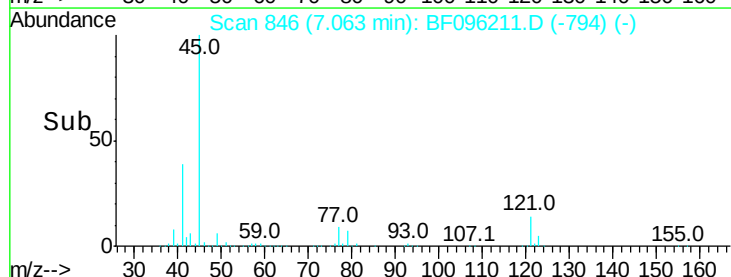
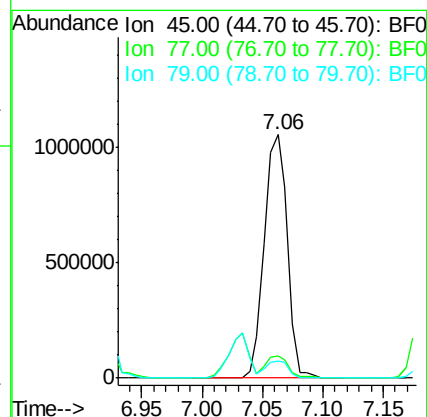
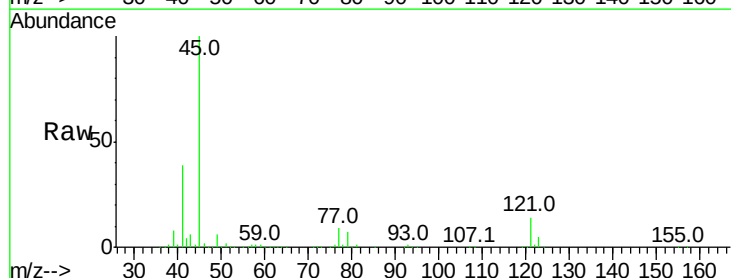
Tgt Ion: 45 Resp: 1395493

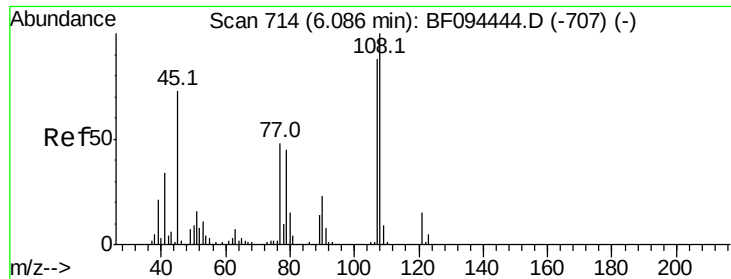
Ion Ratio Lower Upper

45 100

77 9.4 0.0 33.2

79 7.2 0.0 30.0





#17

2-Methylphenol

Concen: 39.68 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 510174

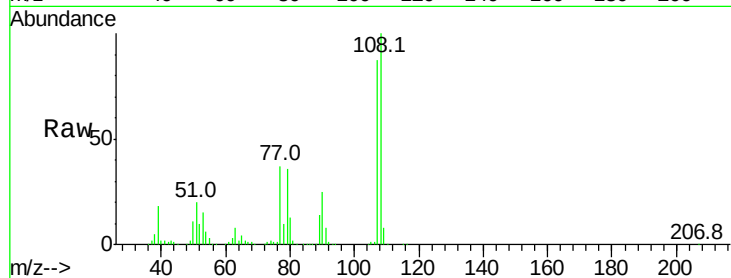
Ion Ratio Lower Upper

107 100

108 115.3 93.4 140.0

77 42.7 35.8 53.6

79 41.7 34.8 52.2

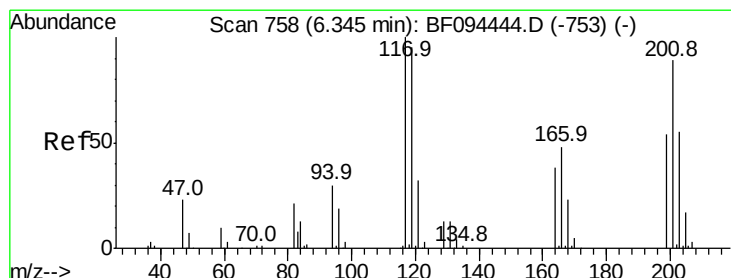
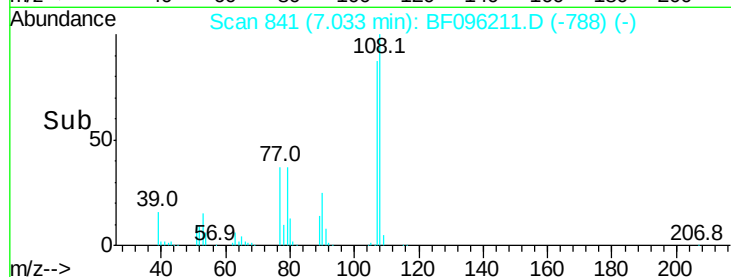
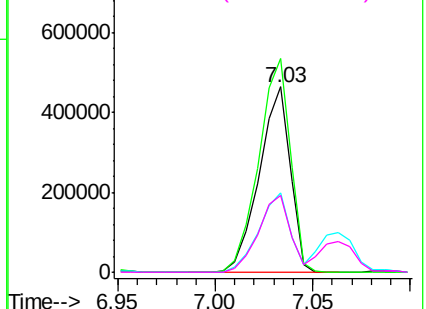


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.64 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

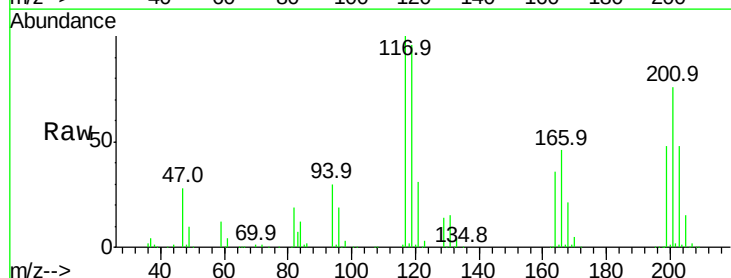
Tgt Ion:117 Resp: 240411

Ion Ratio Lower Upper

117 100

119 95.8 77.4 116.0

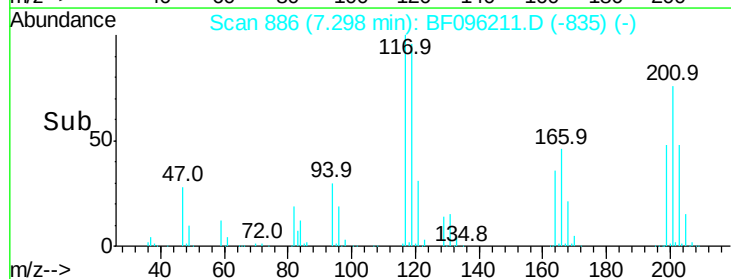
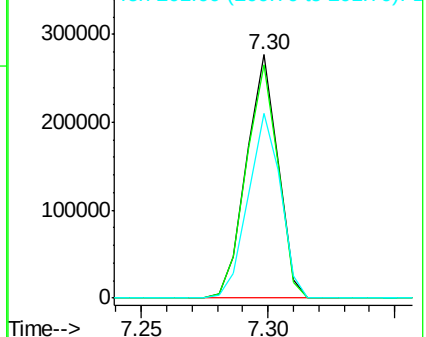
201 75.7 94.6 141.8#

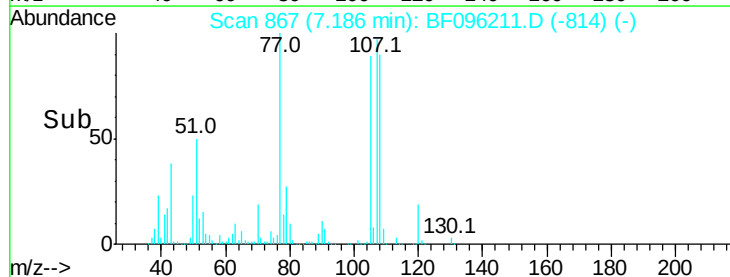
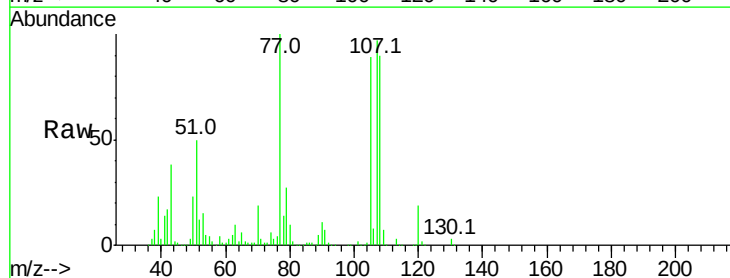
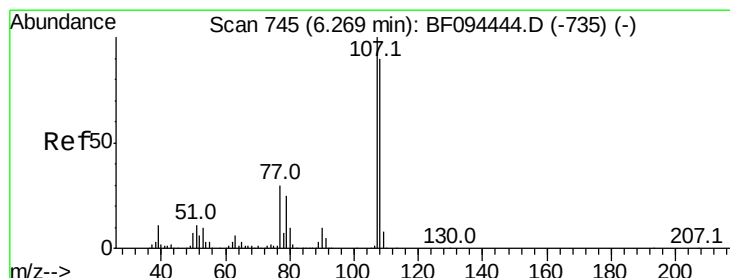
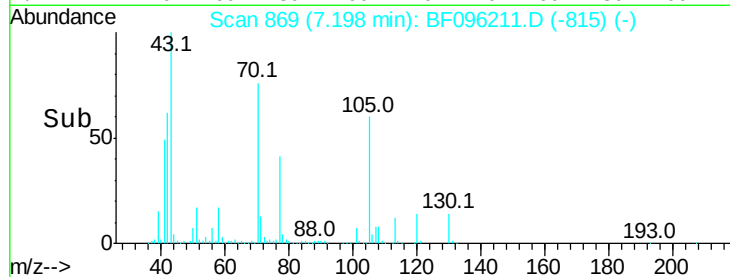
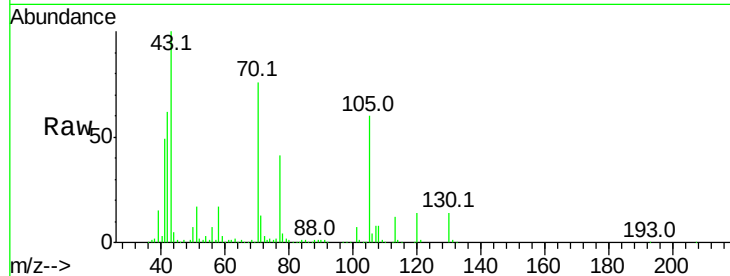
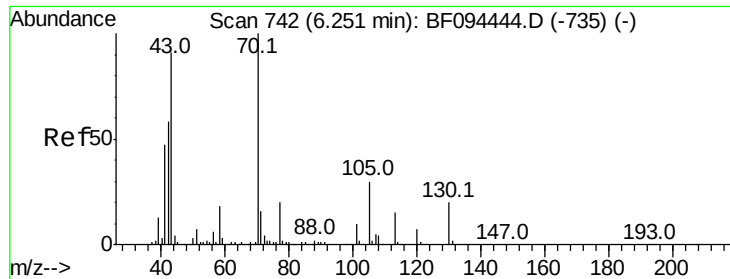


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

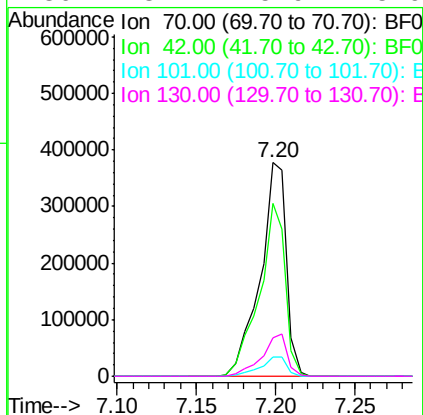




#19
n-Nitroso-di-n-propylamine
Concen: 40.00 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.02 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

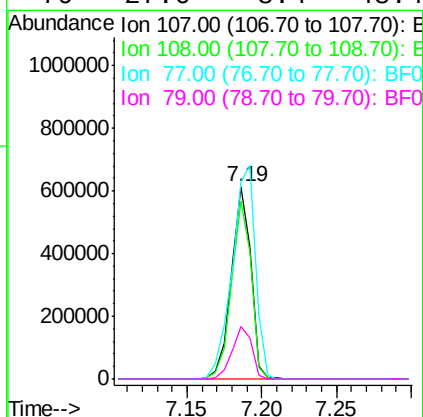
Instrument :
BNA_F
ClientSampleId :

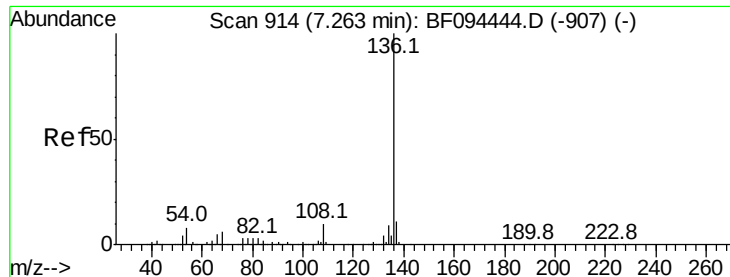
Tot Ion: 70 Resp: 438353
Ion Ratio Lower Upper
70 100
42 81.1 47.2 70.8#
101 9.1 7.2 10.8
130 18.1 15.9 23.9



#20
3+4-Methylphenols
Concen: 39.15 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

Tgt Ion:107 Resp: 574091
Ion Ratio Lower Upper
107 100
108 92.5 71.0 111.0
77 102.6 90.5 130.5
79 27.6 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 932502

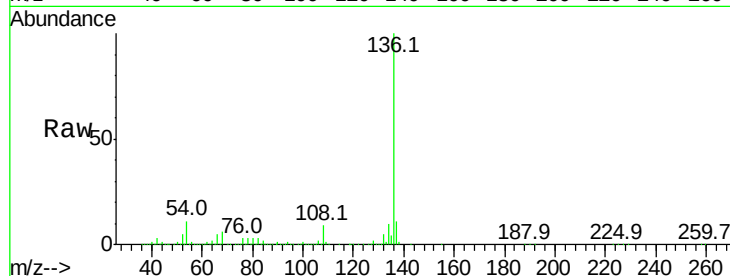
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 11.2 4.9 7.3#

68 6.4 4.1 6.1#

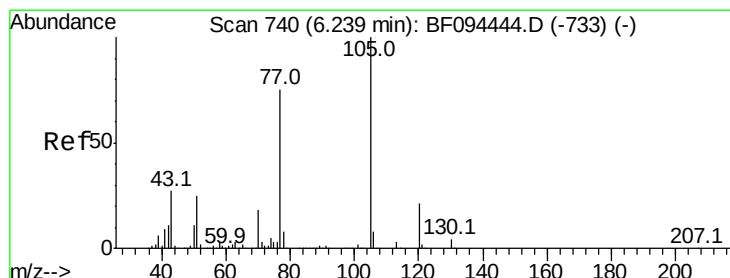
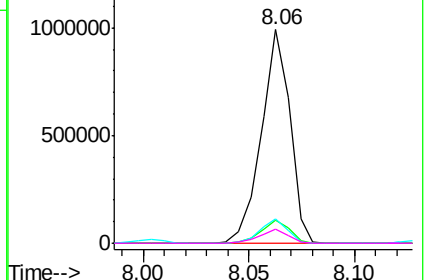
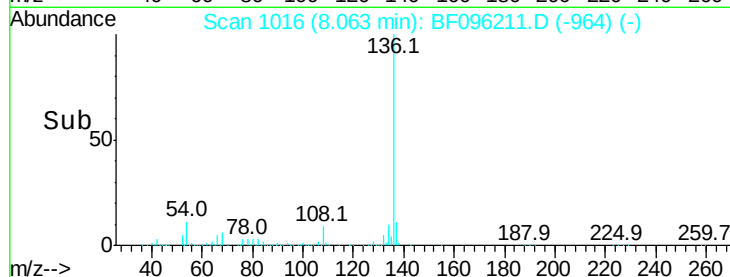


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.42 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

Tgt Ion:105 Resp: 764045

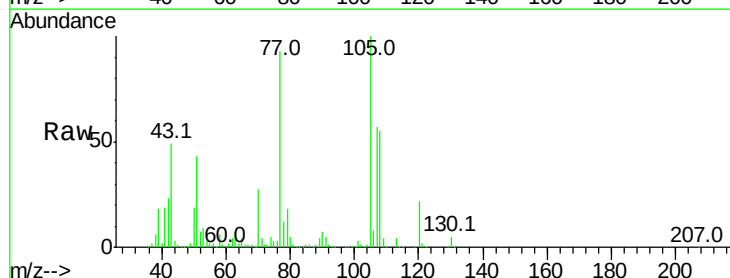
Ion Ratio Lower Upper

105 100

71 4.4 2.8 4.2#

51 43.2 30.7 46.1

120 22.5 17.4 26.0

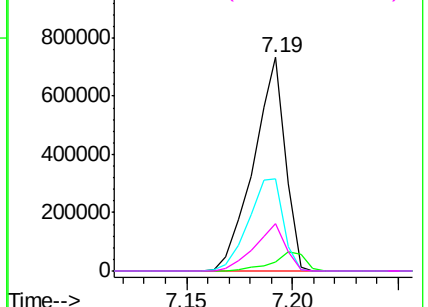
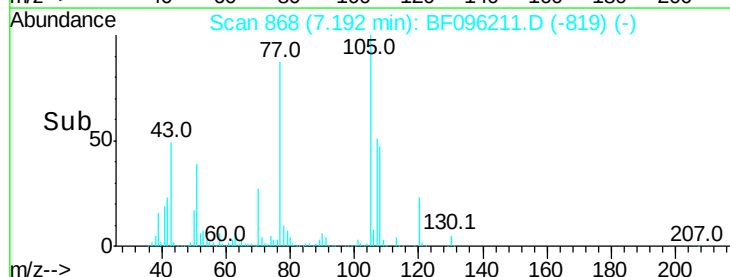


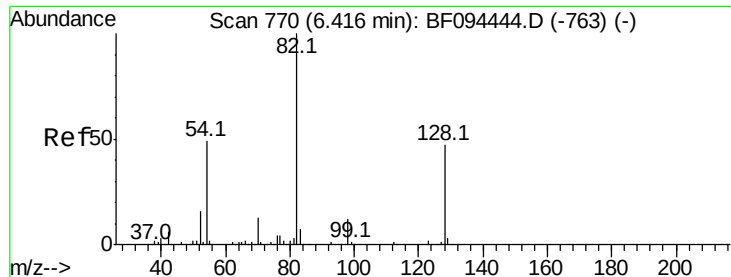
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

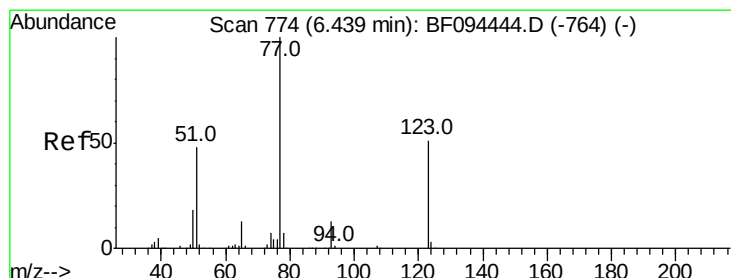
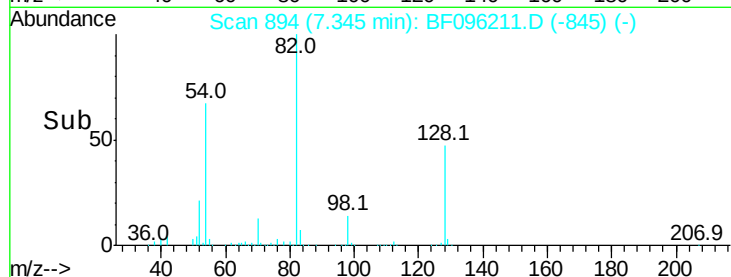
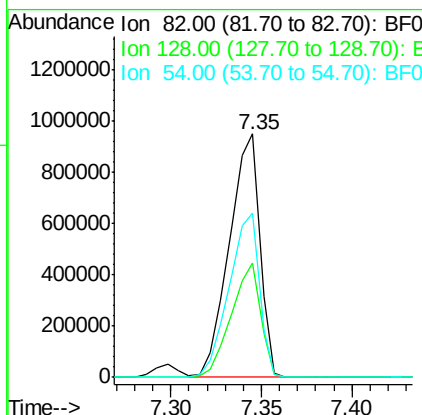
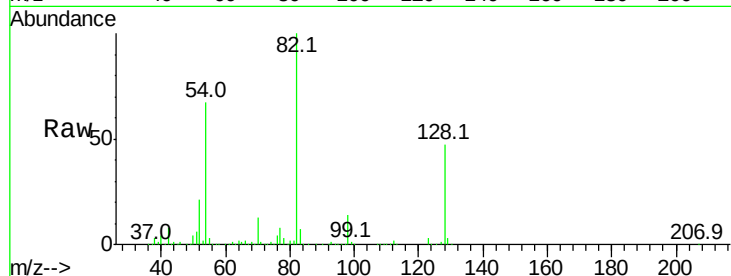




#23
 Nitrobenzene-d5
 Concen: 82.66 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF096211.D
 Acq: 27 Jun 2017 11:48

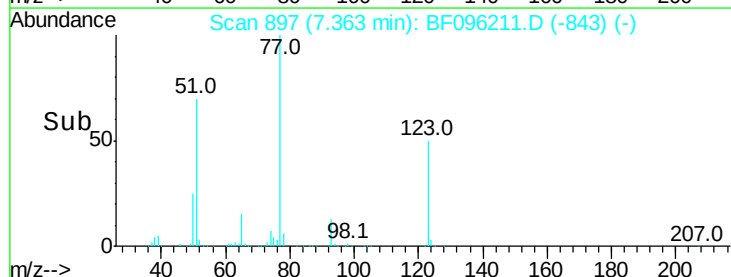
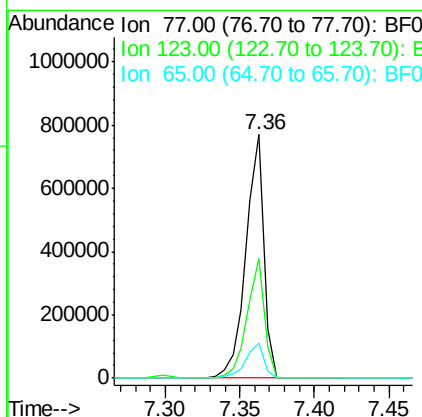
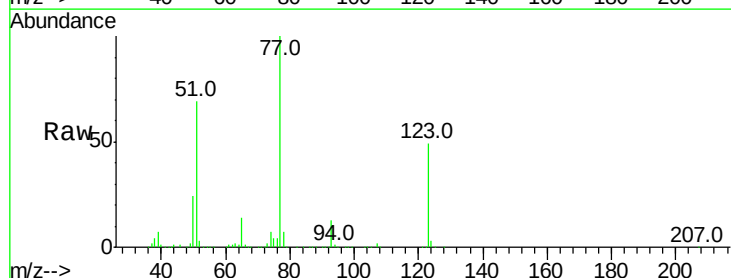
Instrument :
 BNA_F
 ClientSampleId :

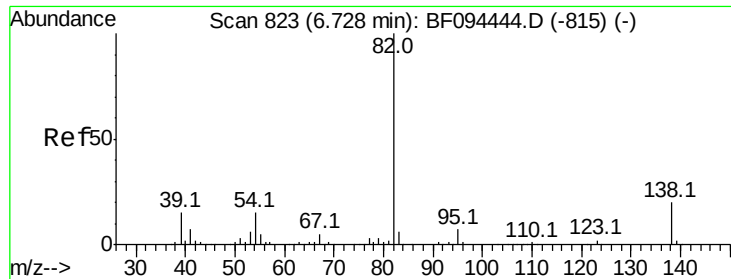
Tot Ion: 82 Resp: 1113513
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.0 51.0
 54 67.2 42.2 63.2#



#24
 Nitrobenzene
 Concen: 42.90 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.02 min
 Lab File: BF096211.D
 Acq: 27 Jun 2017 11:48

Tgt Ion: 77 Resp: 639963
 Ion Ratio Lower Upper
 77 100
 123 49.2 35.8 53.8
 65 14.3 10.6 15.8





#25

Isophorone

Concen: 39.28 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

Instrument :

BNA_F

ClientSampleId :

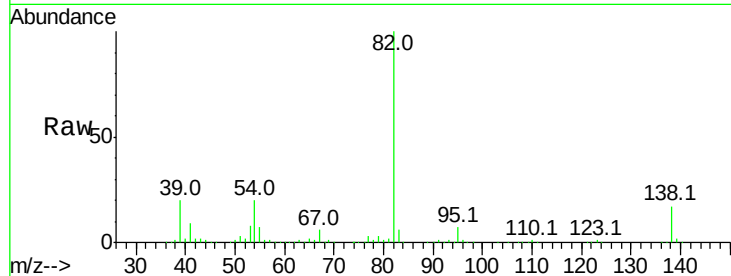
Tot Ion: 82 Resp: 1201518

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

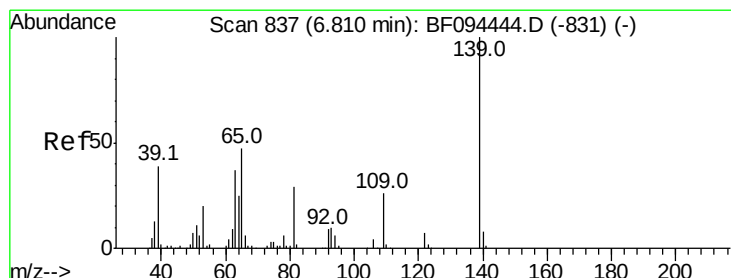
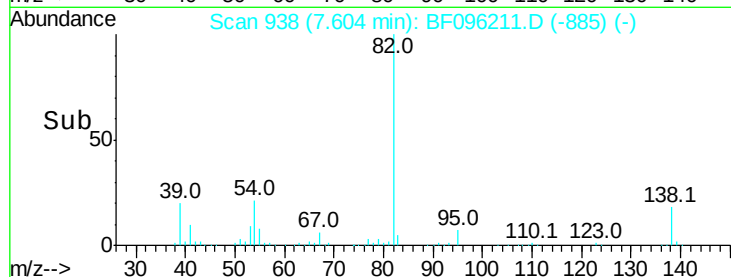
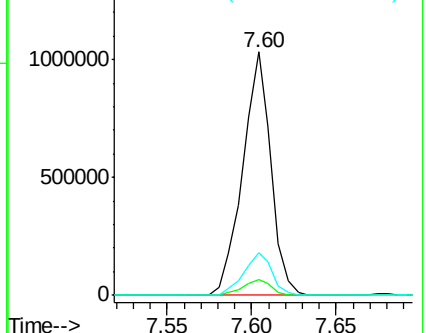
138 17.3 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.53 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

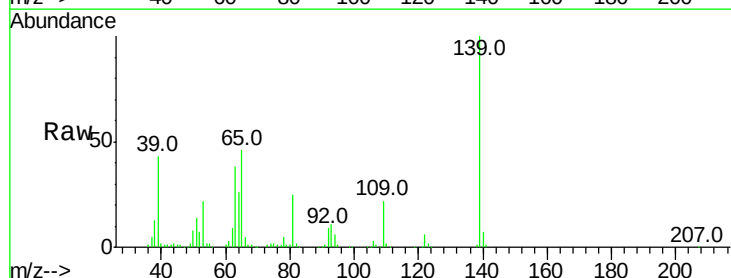
Tgt Ion:139 Resp: 262924

Ion Ratio Lower Upper

139 100

109 22.0 21.0 31.6

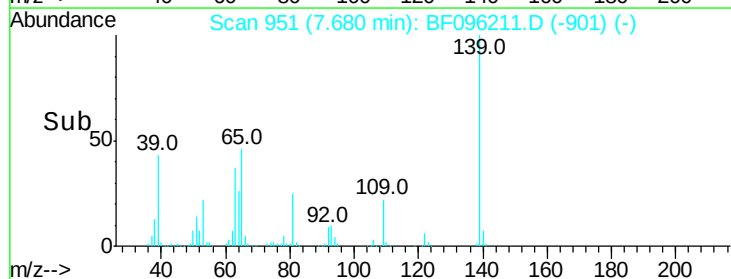
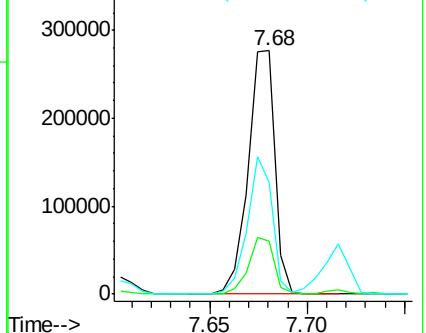
65 46.1 33.0 49.6

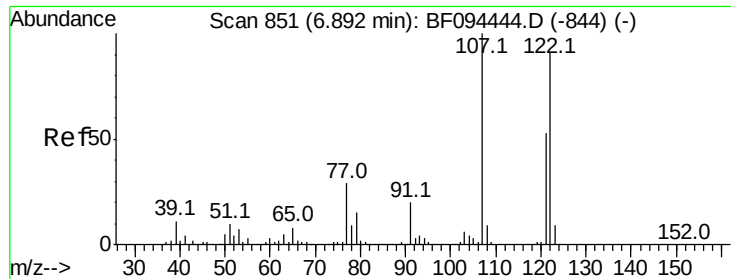


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.51 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

Instrument :

BNA_F

ClientSampled :

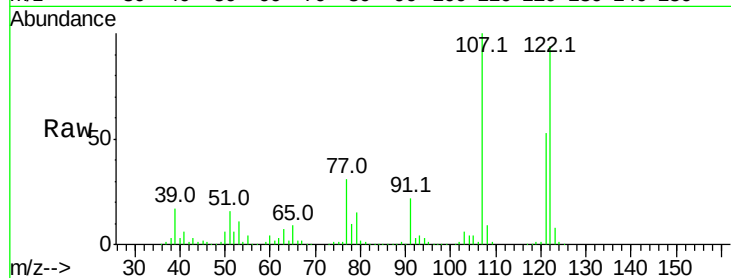
Tot Ion:122 Resp: 546145

Ion Ratio Lower Upper

122 100

107 106.1 89.2 133.8

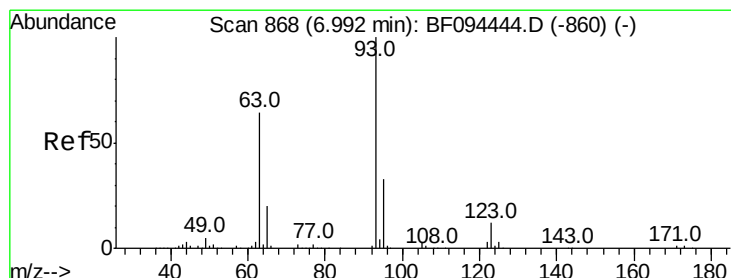
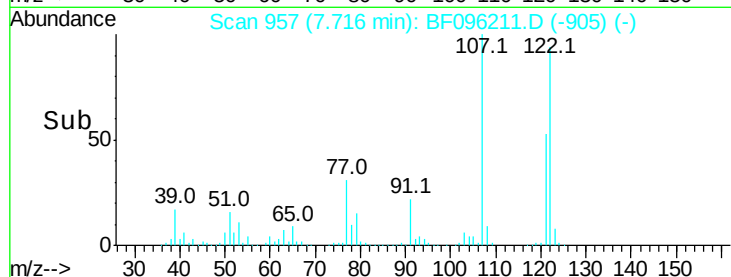
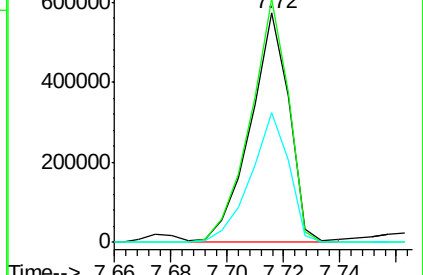
121 56.6 45.2 67.8



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: 38.91 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

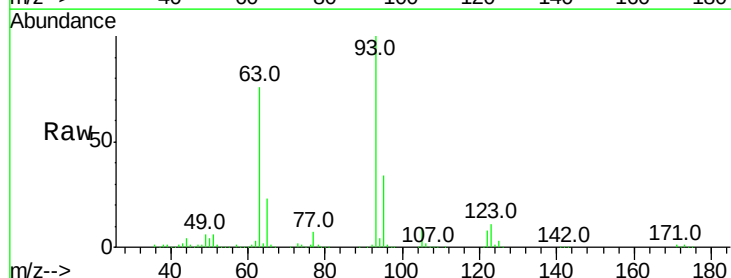
Tgt Ion: 93 Resp: 806253

Ion Ratio Lower Upper

93 100

95 33.6 26.5 39.7

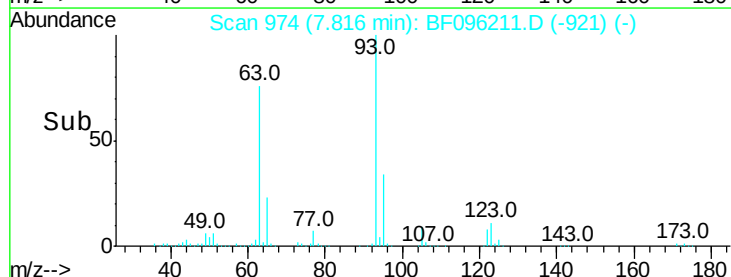
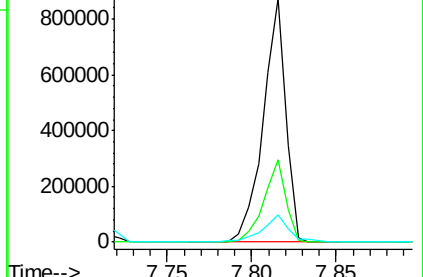
123 11.2 9.0 13.4

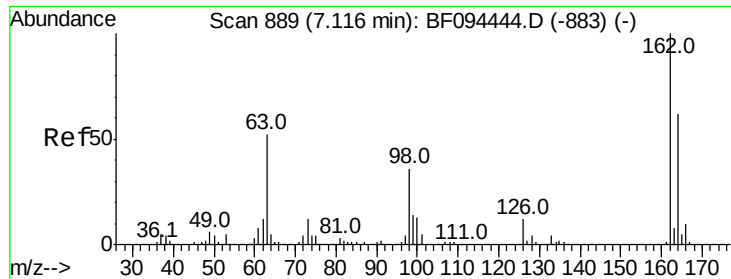


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

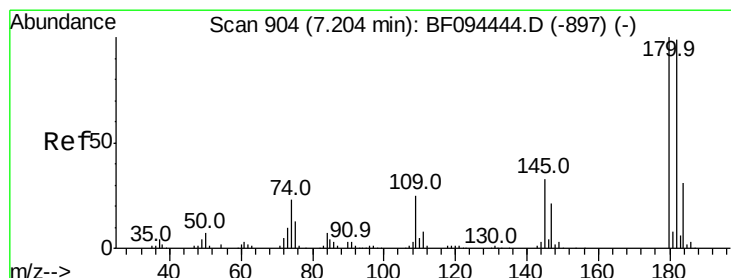
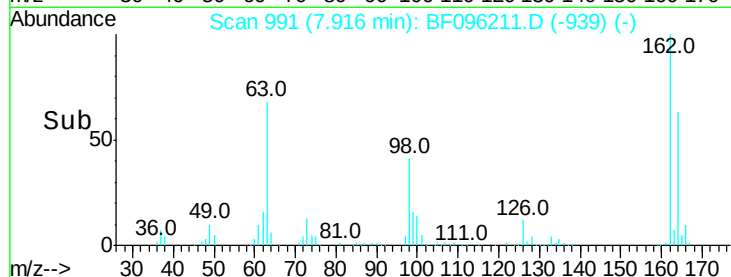
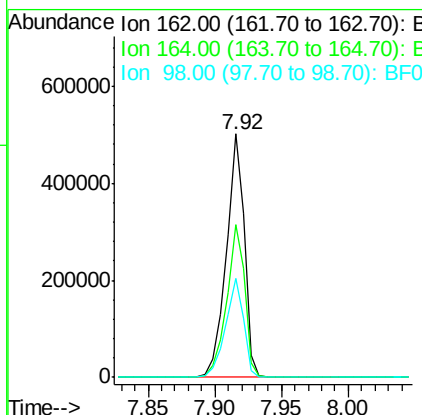
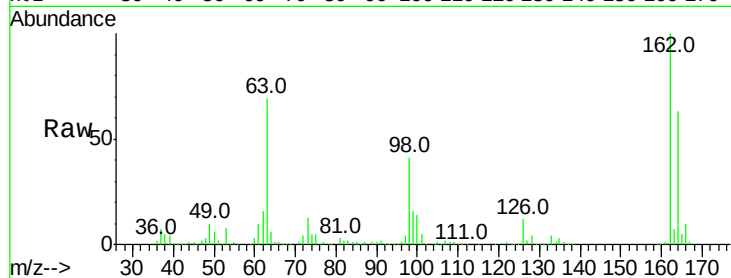




#29
 2,4-Dichlorophenol
 Concen: 40.78 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: BF096211.D
 Acq: 27 Jun 2017 11:48

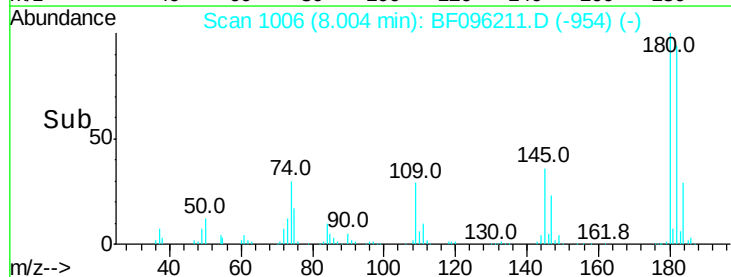
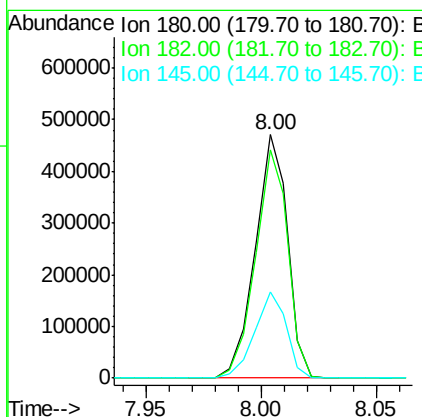
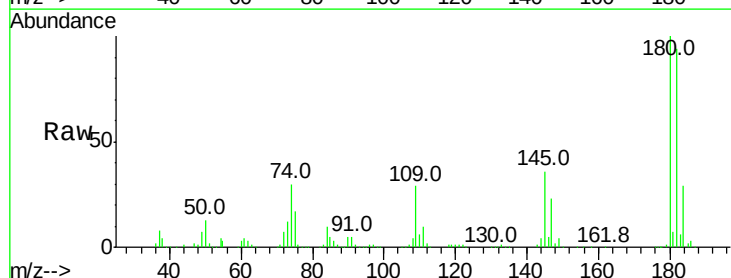
Instrument :
 BNA_F
 ClientSampleId :

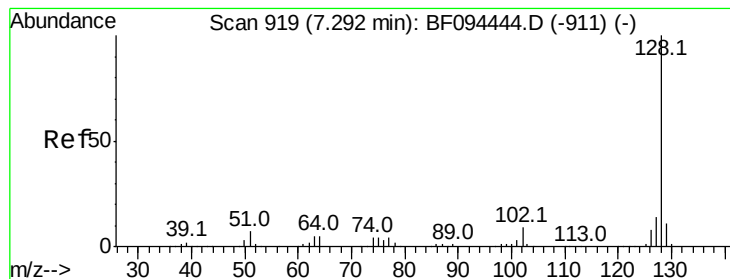
Tot Ion:162 Resp: 480771
 Ion Ratio Lower Upper
 162 100
 164 62.8 44.6 84.6
 98 40.8 14.8 54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 39.30 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF096211.D
 Acq: 27 Jun 2017 11:48

Tgt Ion:180 Resp: 459797
 Ion Ratio Lower Upper
 180 100
 182 93.7 75.8 113.6
 145 35.5 25.3 37.9





#31

Naphthalene

Concen: 38.64 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

Instrument :

BNA_F

ClientSampleId :

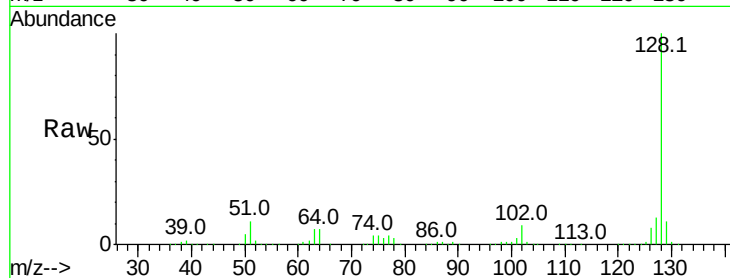
Tot Ion:128 Resp: 1736862

Ion Ratio Lower Upper

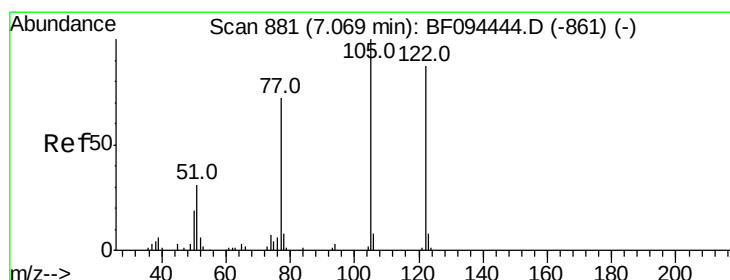
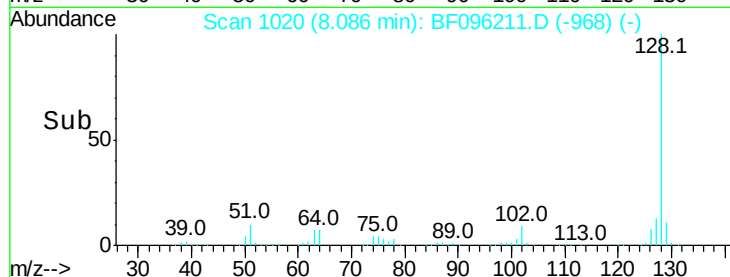
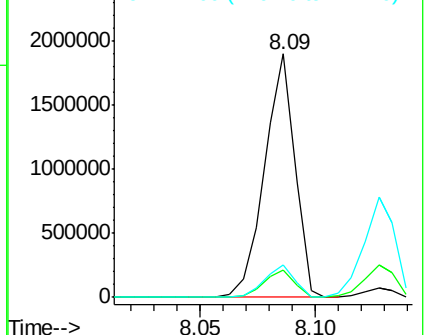
128 100

129 11.3 9.0 13.6

127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.83 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.05 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

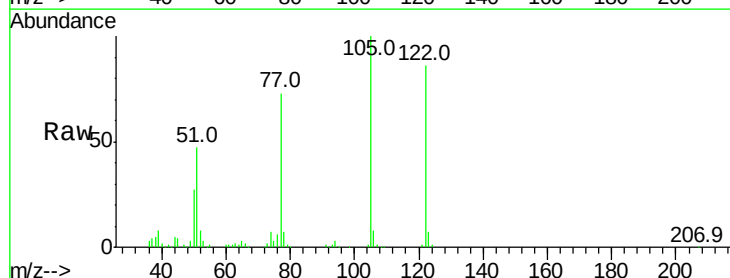
Tgt Ion:122 Resp: 359775

Ion Ratio Lower Upper

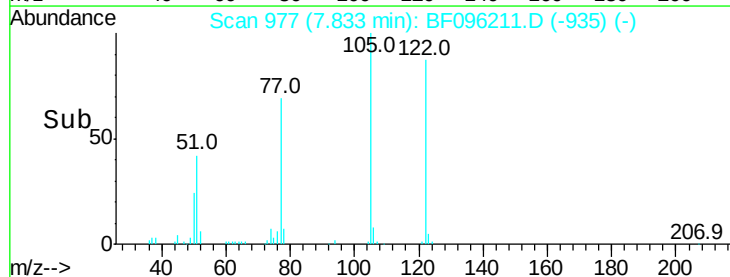
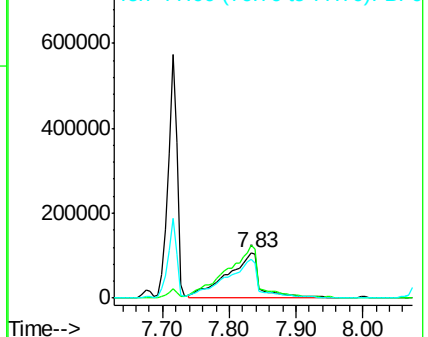
122 100

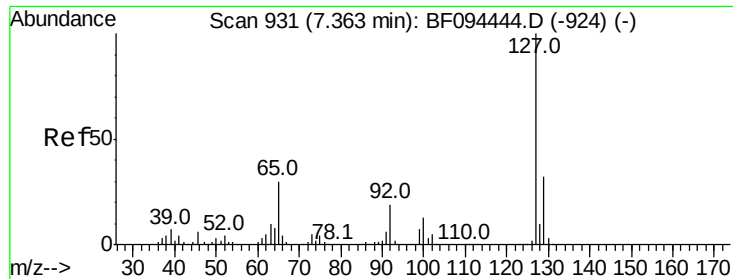
105 115.7 103.3 143.3

77 84.2 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

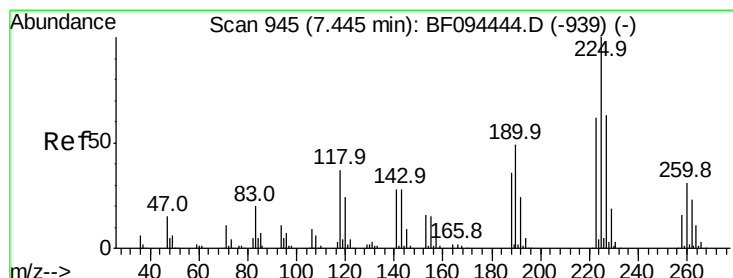
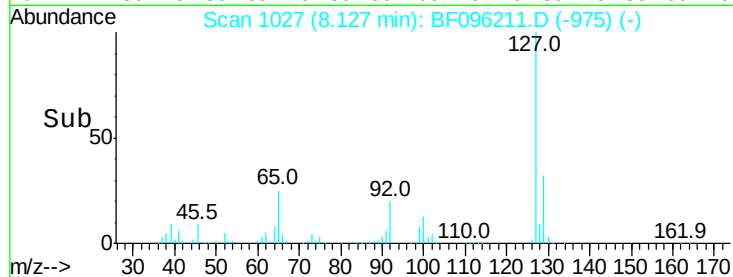
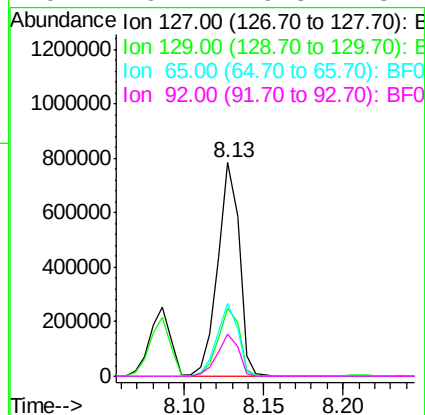
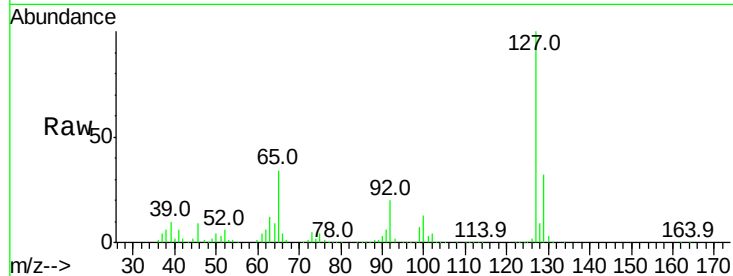




#33
4-Chloroaniline
Concen: 39.59 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

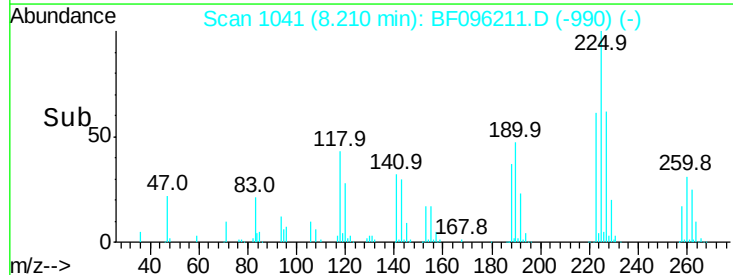
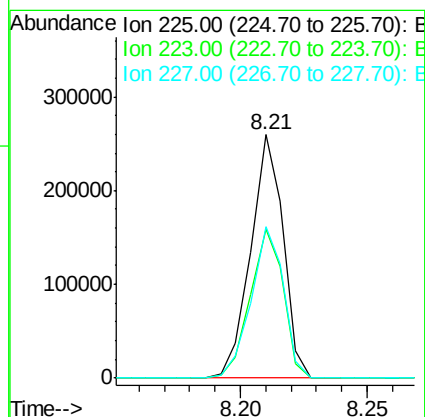
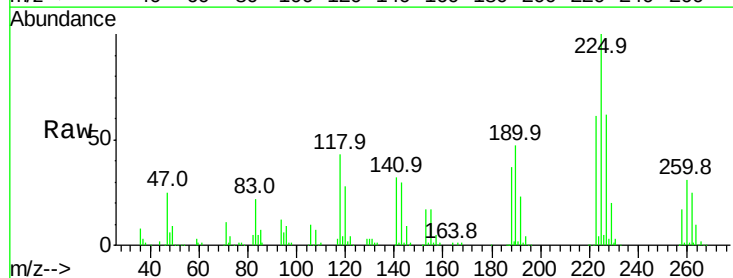
Instrument :
BNA_F
ClientSampled :

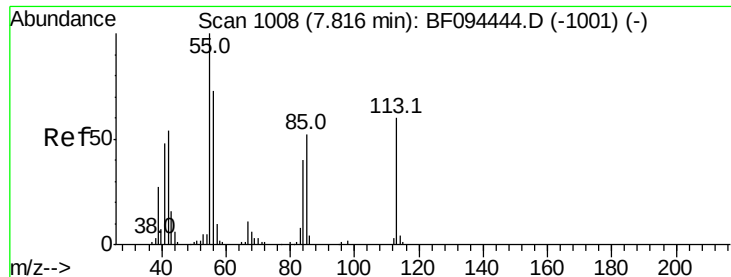
Tot Ion:	127	Resp:	736636
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.2
65	34.1	27.8	41.8
92	20.1	16.8	25.2



#34
Hexachlorobutadiene
Concen: 39.71 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

Tgt Ion:	225	Resp:	230484
Ion	Ratio	Lower	Upper
225	100		
223	61.1	48.8	73.2
227	62.3	51.1	76.7





#35

Caprolactam

Concen: 41.15 ng

RT: 8.50 min Scan# 1090

Delta R.T. 0.06 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

Instrument :

BNA_F

ClientSampleId :

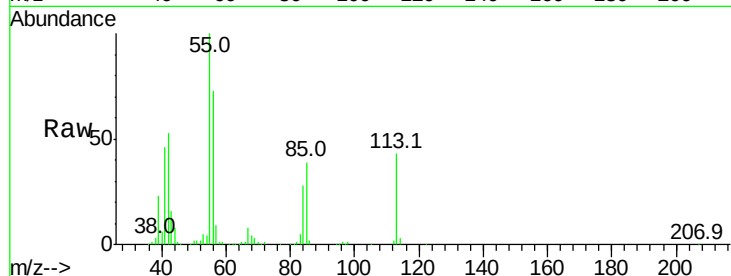
Tot Ion:113 Resp: 167650

Ion Ratio Lower Upper

113 100

55 230.4 150.2 190.2#

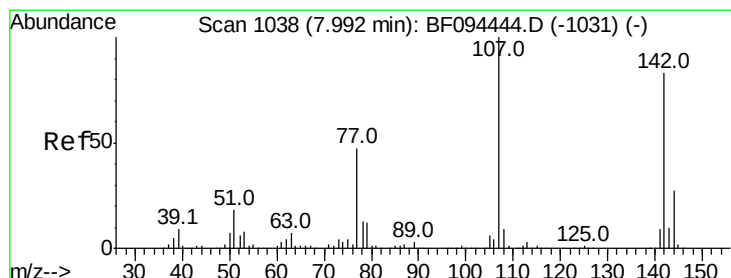
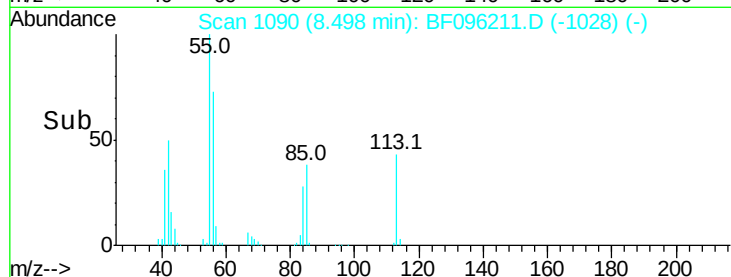
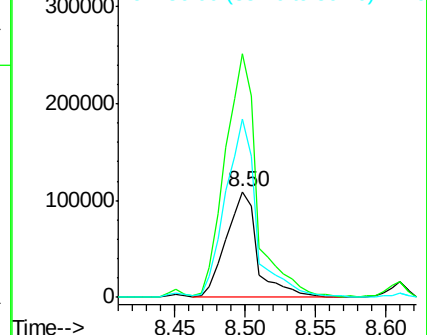
56 168.2 107.8 147.8#



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: 40.37 ng

RT: 8.61 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

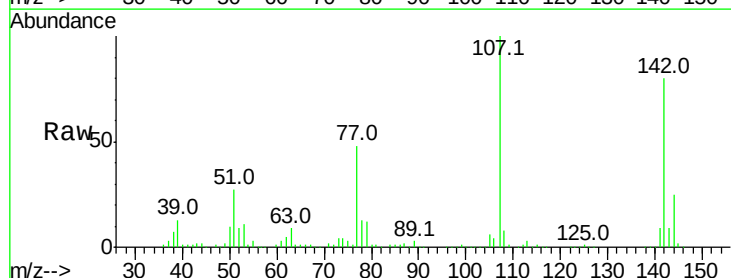
Tgt Ion:107 Resp: 517817

Ion Ratio Lower Upper

107 100

144 25.4 24.2 36.4

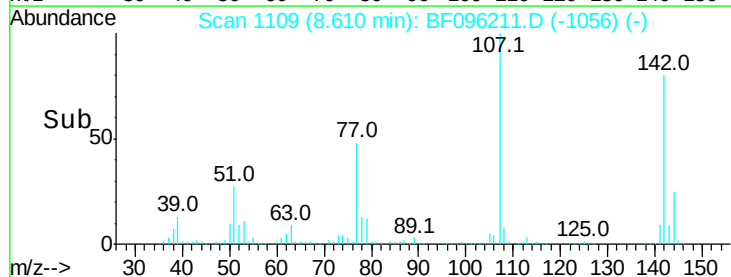
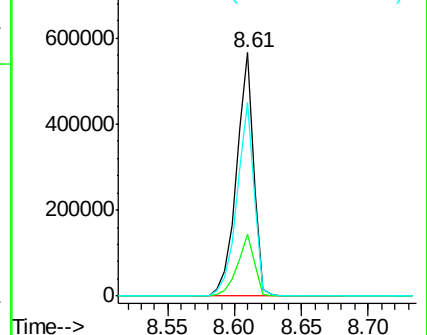
142 79.7 73.4 110.0

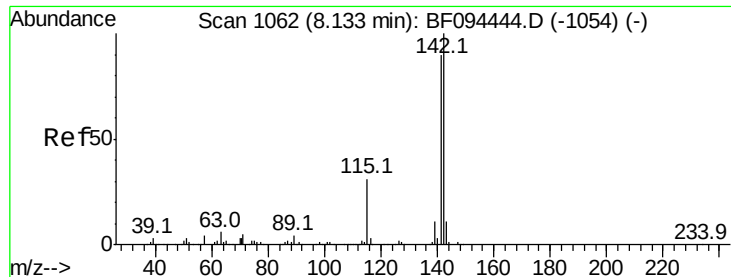


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.86 ng

RT: 8.77 min Scan# 1137

Delta R.T. 0.01 min

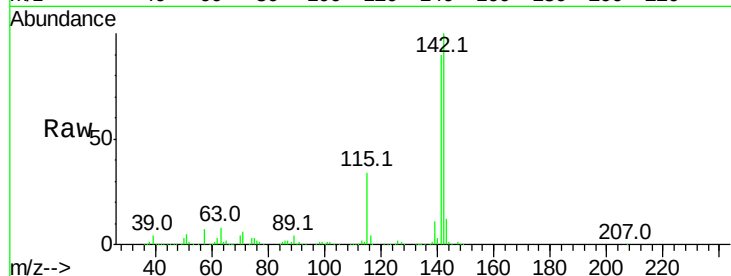
Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1134392

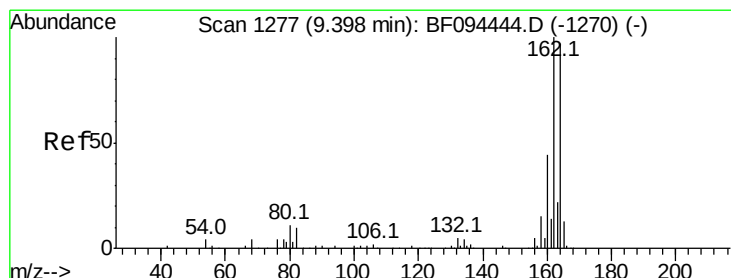
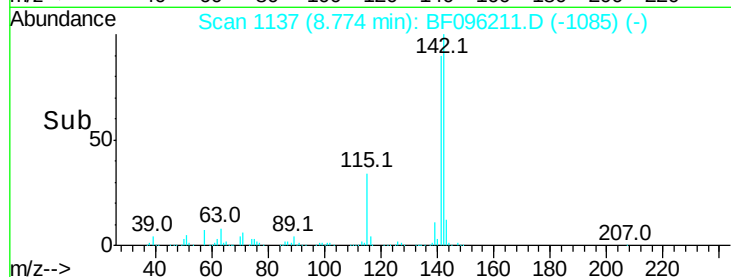
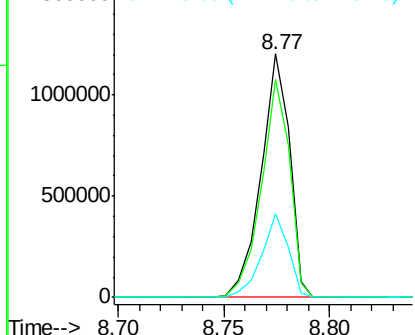
Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.3	106.9
115	34.5	27.1	40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 1314

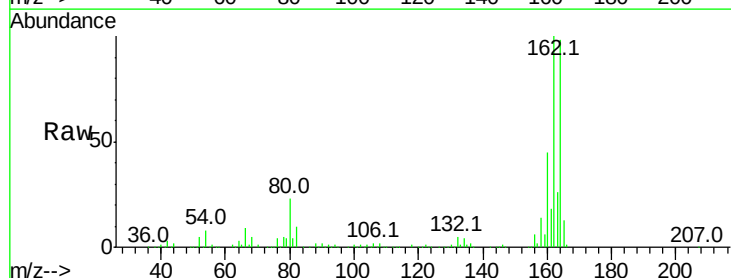
Delta R.T. 0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

Tgt Ion:164 Resp: 399086

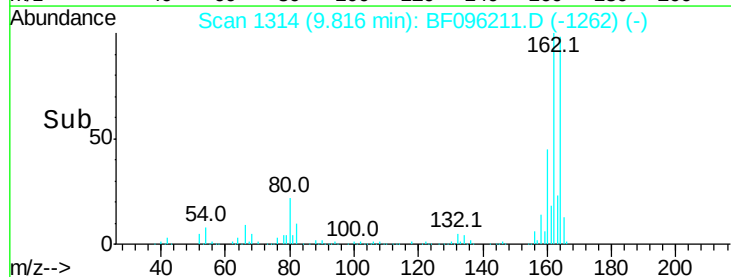
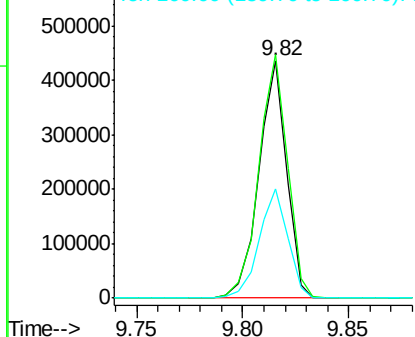
Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	46.0	36.2	54.2

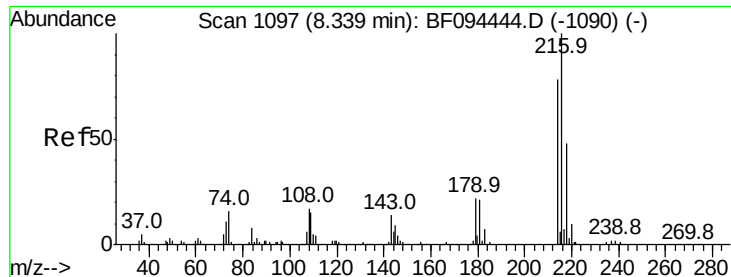


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

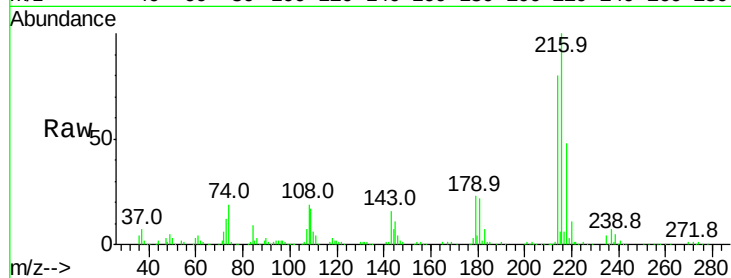




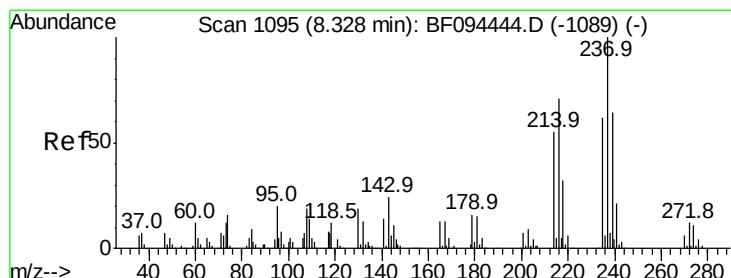
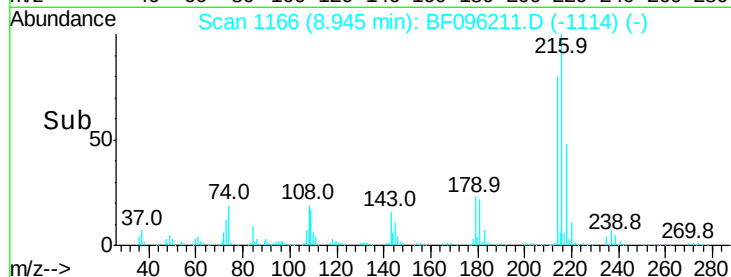
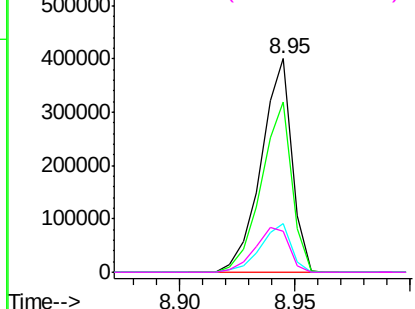
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.47 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.01 min
 Lab File: BF096211.D
 Acq: 27 Jun 2017 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	371681
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.2
179	23.0	17.9	26.9
108	23.6	16.5	24.7

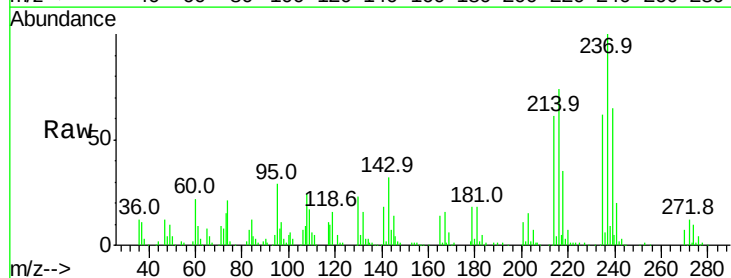


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

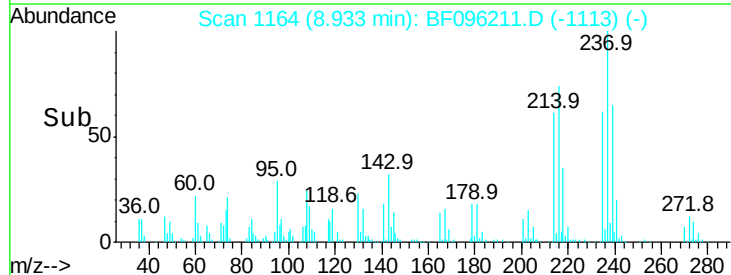
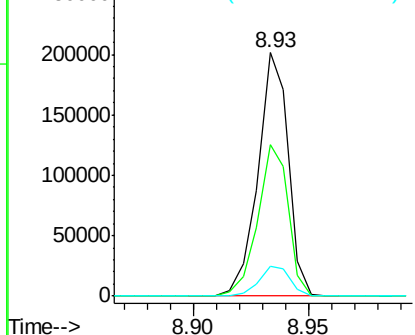


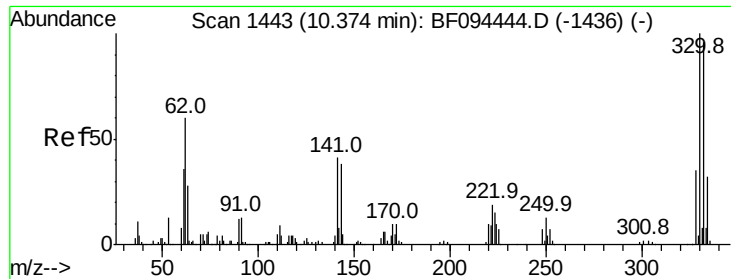
#40
 Hexachlorocyclopentadiene
 Concen: 42.57 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF096211.D
 Acq: 27 Jun 2017 11:48

Tgt Ion:	237	Resp:	184353
Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.6	82.6
272	12.3	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

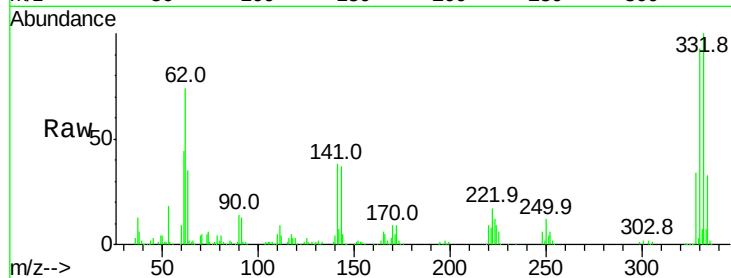




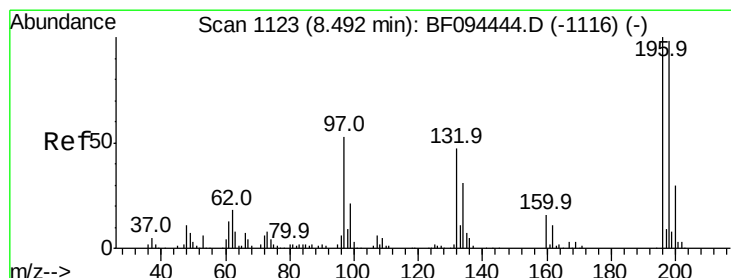
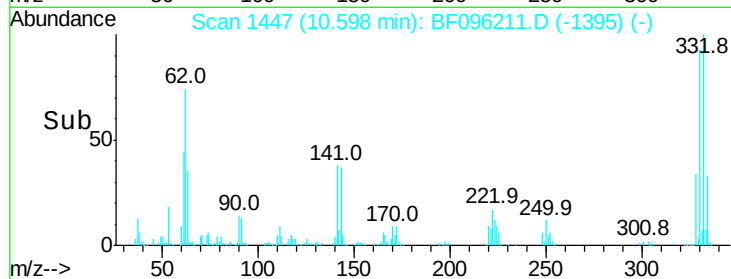
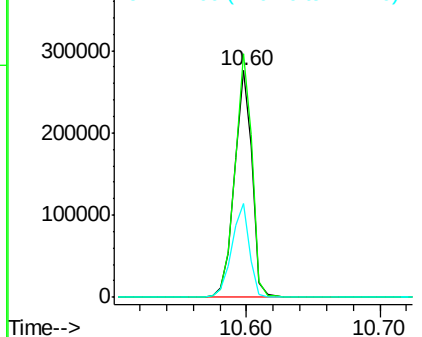
#41
 2,4,6-Tribromophenol
 Concen: 81.41 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF096211.D
 Acq: 27 Jun 2017 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	104.5	76.6	115.0
141	41.8	31.4	47.2

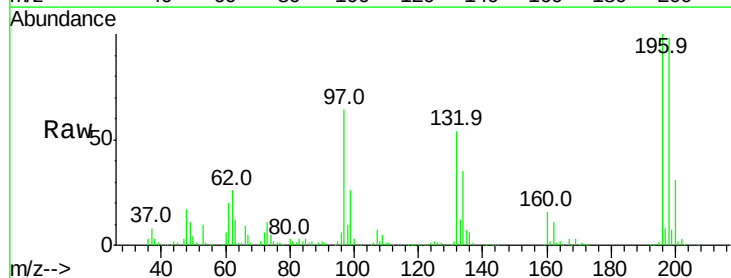


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

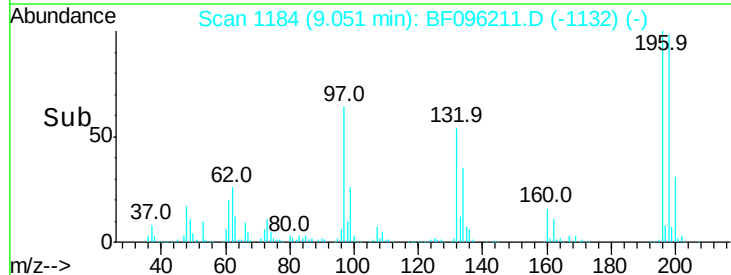
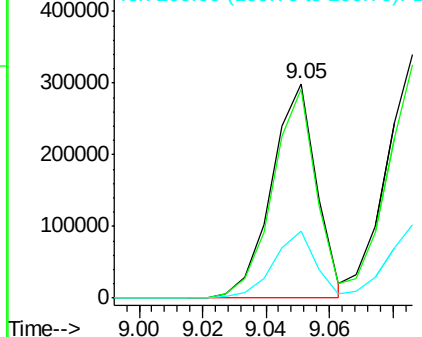


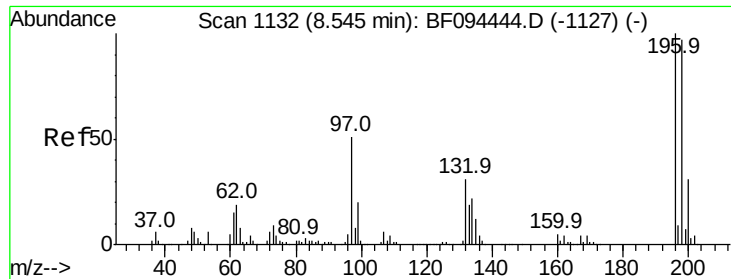
#42
 2,4,6-Trichlorophenol
 Concen: 40.41 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF096211.D
 Acq: 27 Jun 2017 11:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	74.2	111.4
200	31.0	24.0	36.0



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

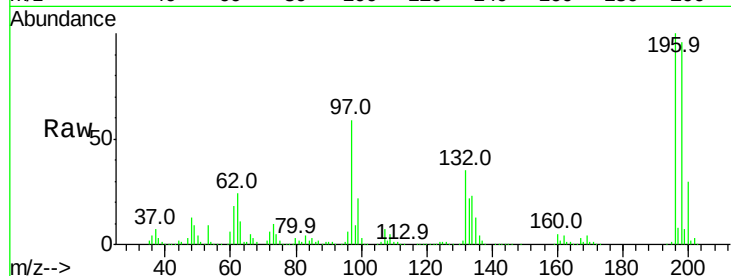




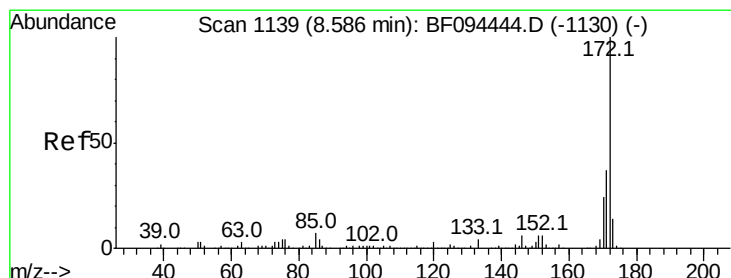
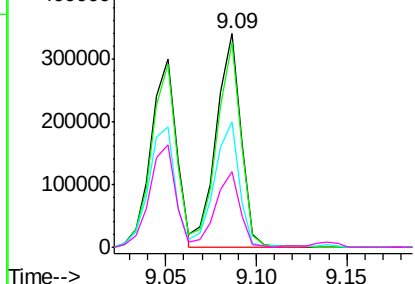
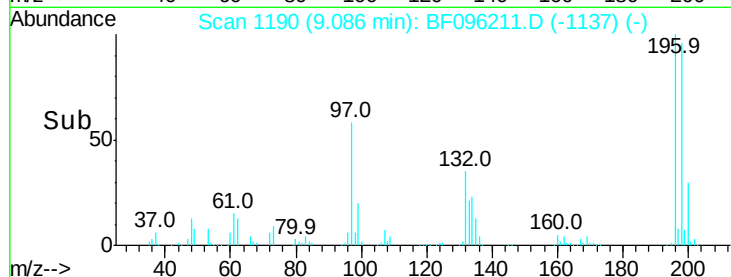
#43
 2,4,5-Trichlorophenol
 Concen: 41.87 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF096211.D
 Acq: 27 Jun 2017 11:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	321383
Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.7	113.5
97	58.7	47.7	71.5
132	35.5	28.0	42.0

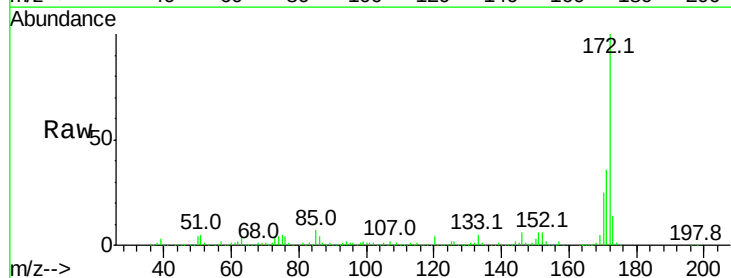


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

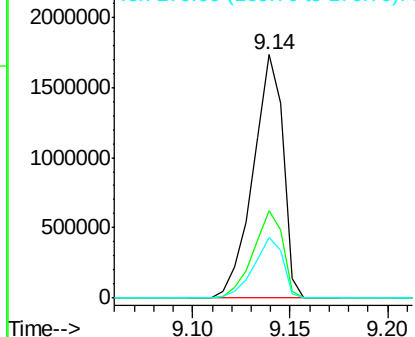
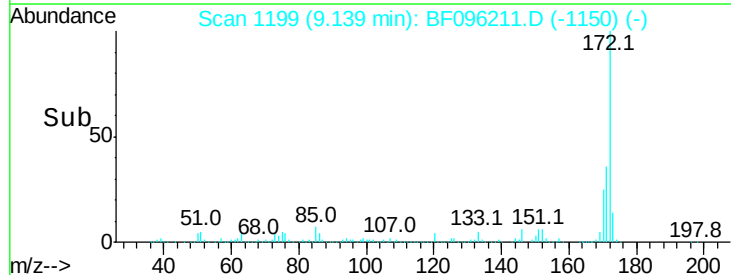


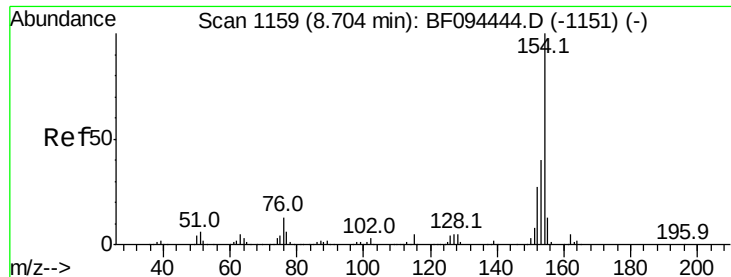
#44
 2-Fluorobiphenyl
 Concen: 84.34 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF096211.D
 Acq: 27 Jun 2017 11:48

Tgt Ion:	172	Resp:	1837904
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	25.1	19.8	29.8



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





#45

1,1'-Biphenyl

Concen: 40.13 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

Instrument :

BNA_F

ClientSampleId :

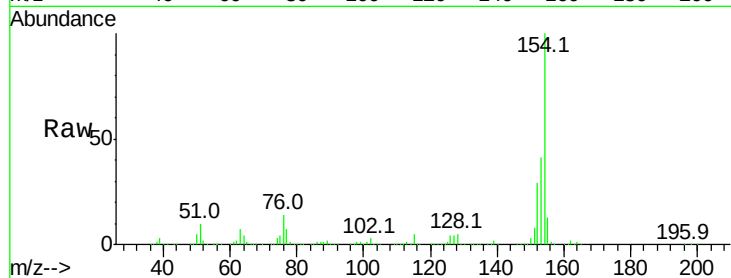
Tot Ion:154 Resp: 1228716

Ion Ratio Lower Upper

154 100

153 41.1 21.2 61.2

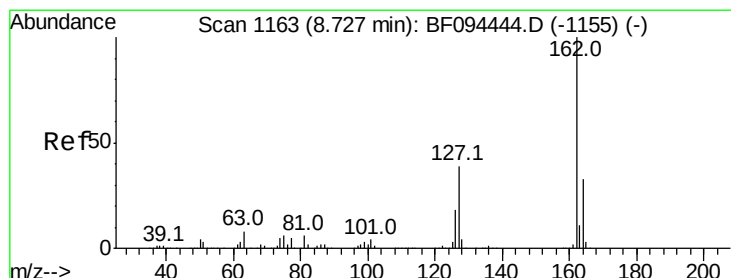
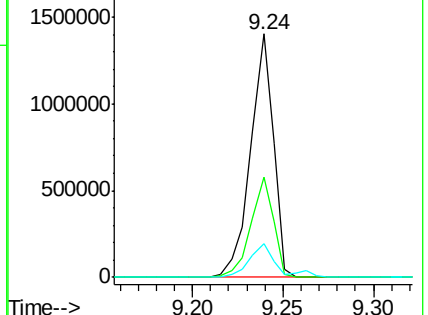
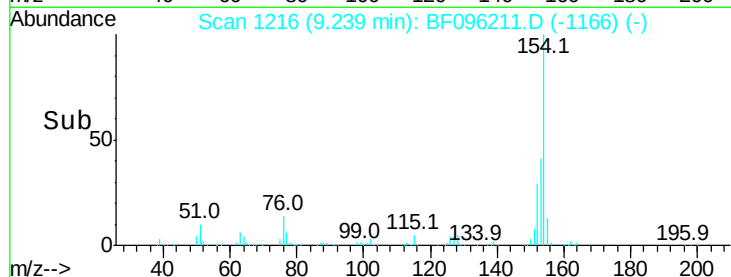
76 13.9 0.0 29.9



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: 38.62 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

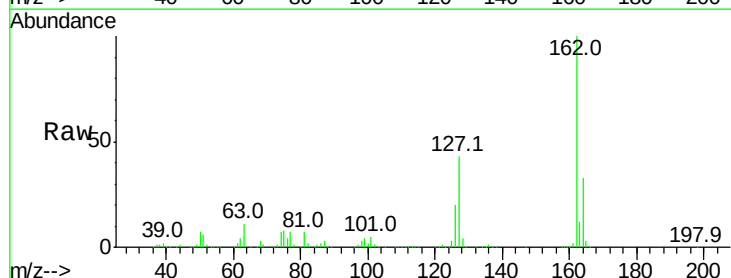
Tgt Ion:162 Resp: 980862

Ion Ratio Lower Upper

162 100

127 42.7 28.3 42.5#

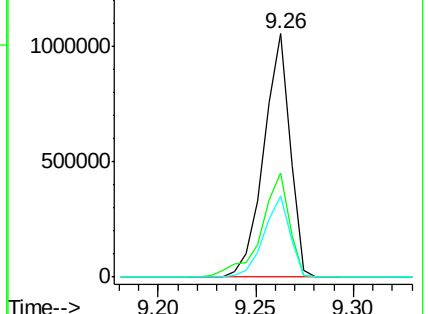
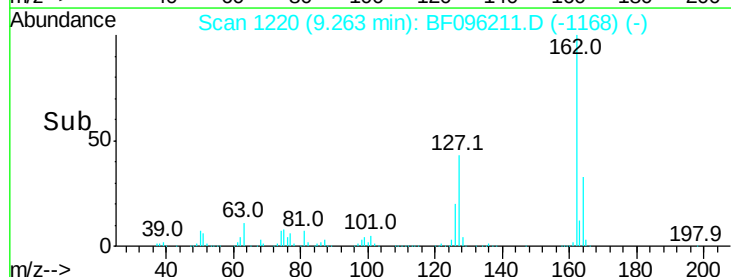
164 33.3 27.0 40.4

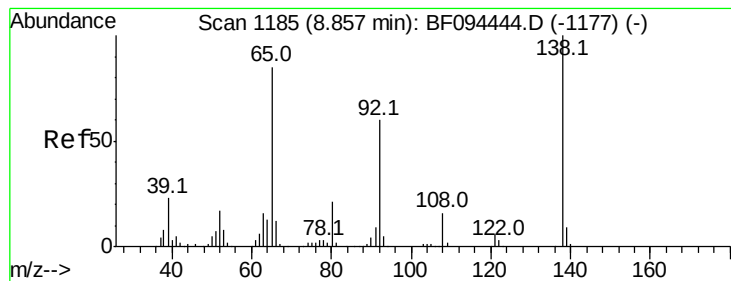


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.19 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

Instrument :

BNA_F

ClientSampleId :

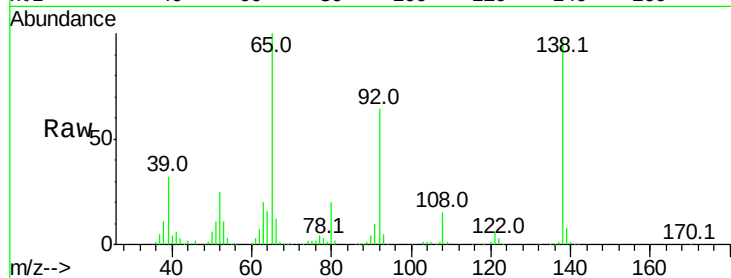
Tot Ion: 65 Resp: 330470

Ion Ratio Lower Upper

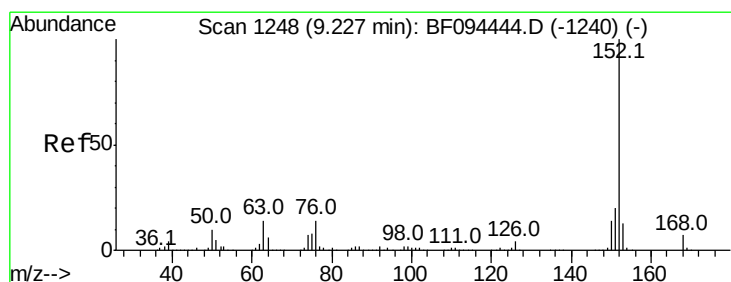
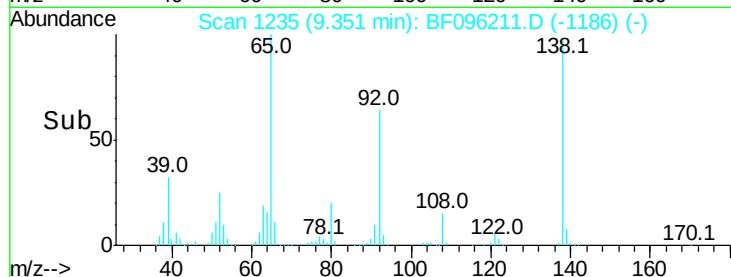
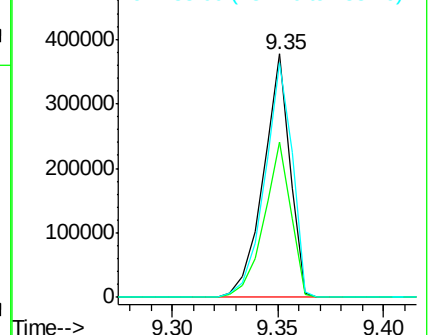
65 100

92 63.9 53.9 80.9

138 96.6 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: 38.60 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

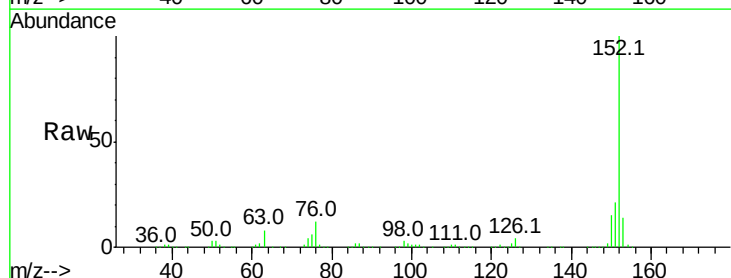
Tgt Ion: 152 Resp: 1627095

Ion Ratio Lower Upper

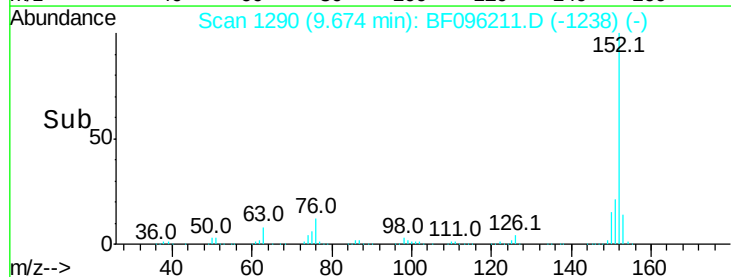
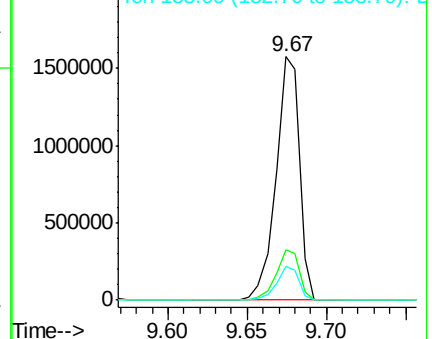
152 100

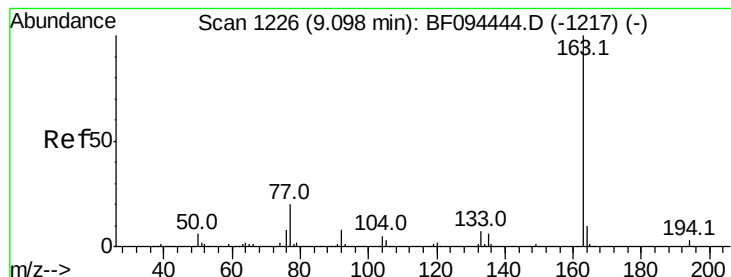
151 20.9 16.8 25.2

153 13.7 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: 39.02 ng

RT: 9.54 min Scan# 1267

Delta R.T. 0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

Instrument :

BNA_F

ClientSampled :

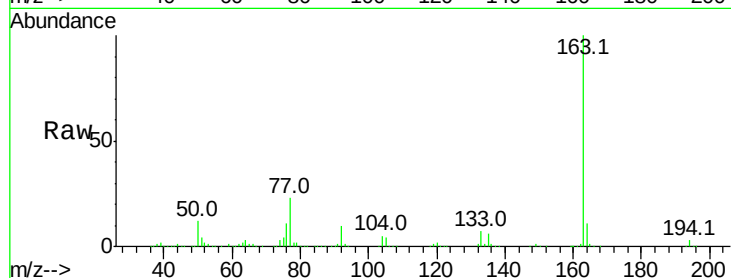
Tot Ion:163 Resp: 1114483

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

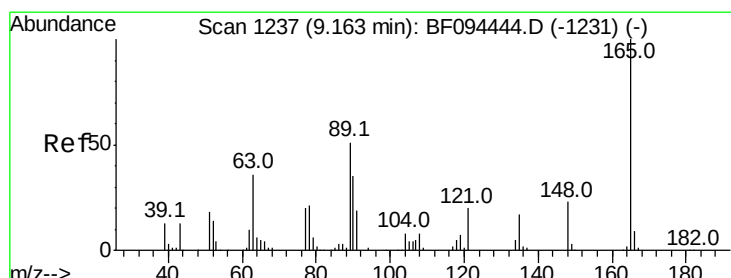
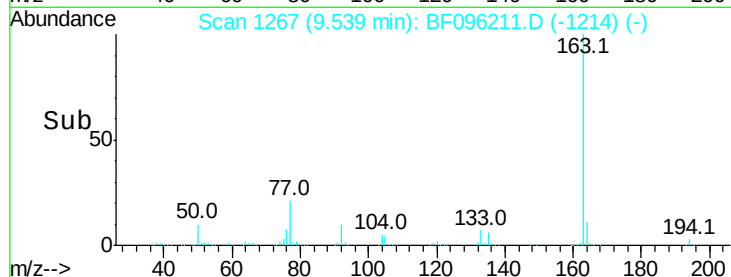
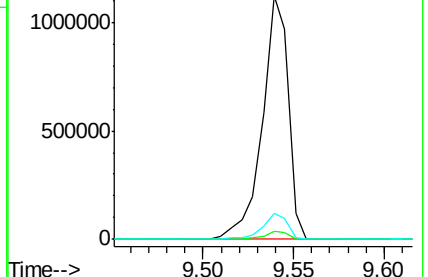
164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.89 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

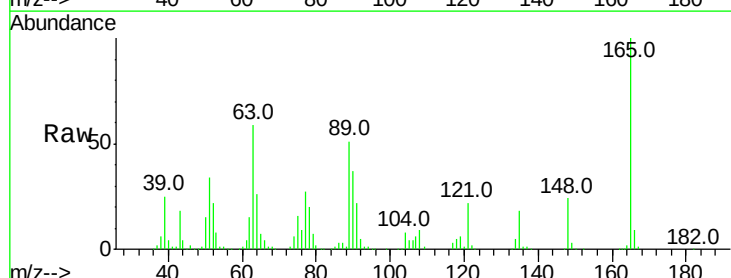
Tgt Ion:165 Resp: 242937

Ion Ratio Lower Upper

165 100

63 59.2 34.3 51.5#

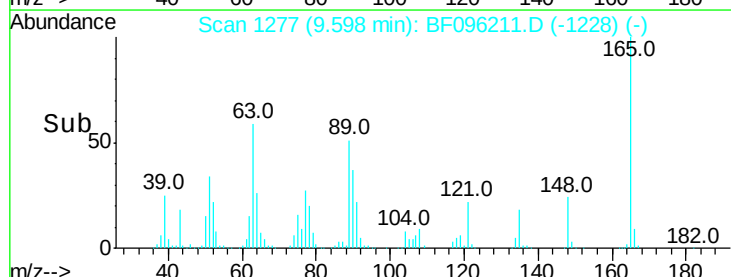
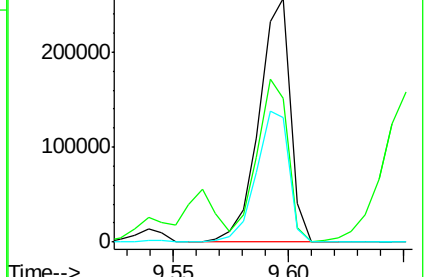
89 51.2 37.1 55.7

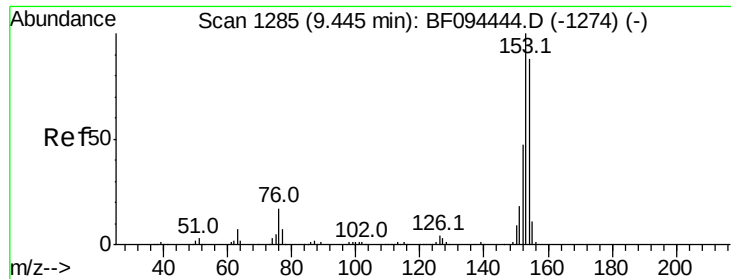


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

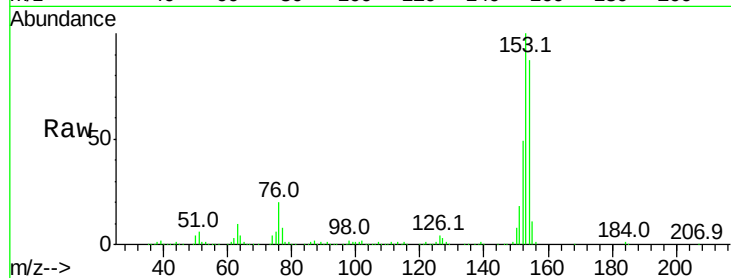




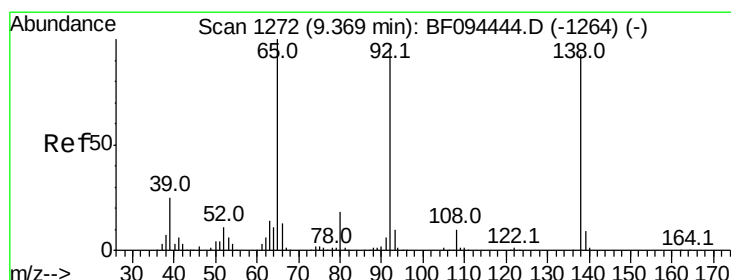
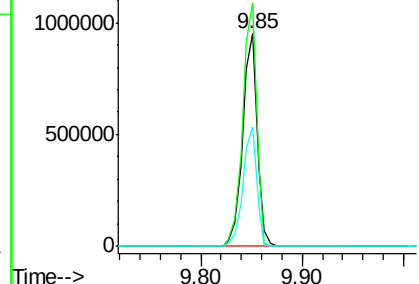
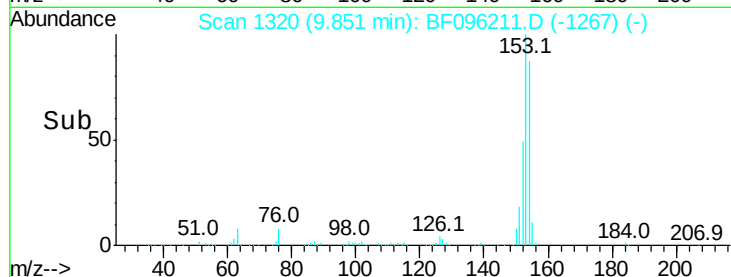
#51
Acenaphthene
Concen: 38.04 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 943667
Ion Ratio Lower Upper
154 100
153 114.4 90.5 135.7
152 55.8 43.6 65.4

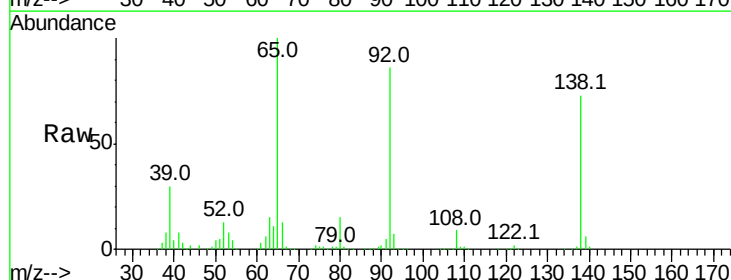


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

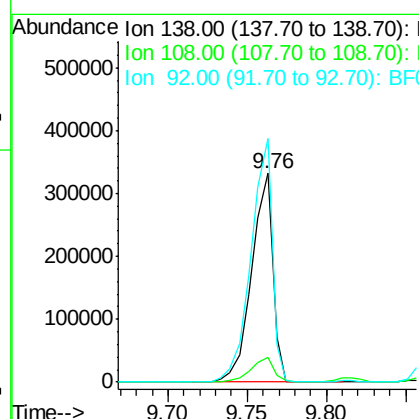
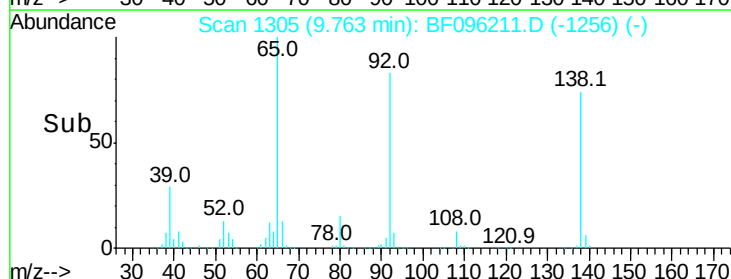


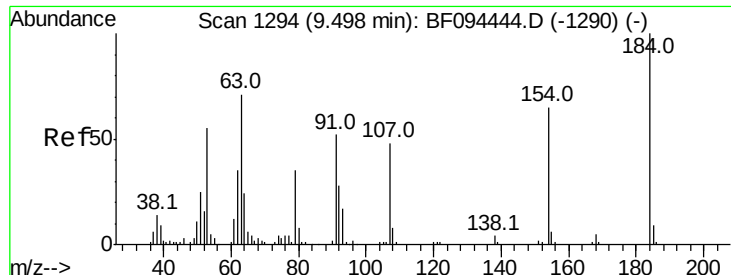
#52
3-Nitroaniline
Concen: 40.38 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

Tgt Ion:138 Resp: 307232
Ion Ratio Lower Upper
138 100
108 11.7 9.1 13.7
92 116.6 93.8 140.6



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

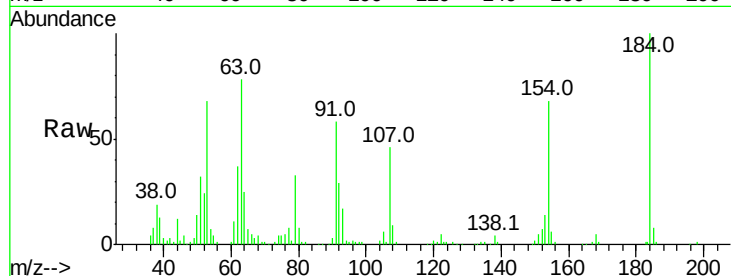




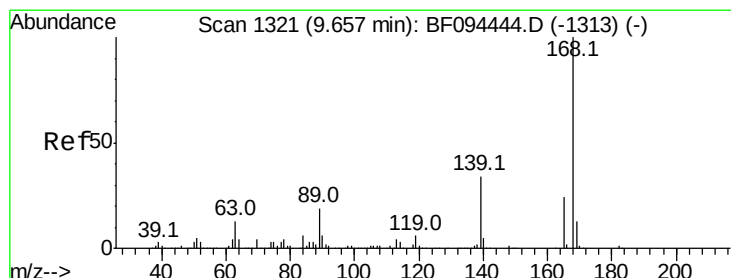
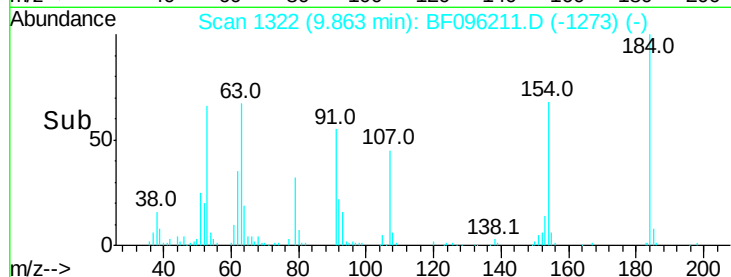
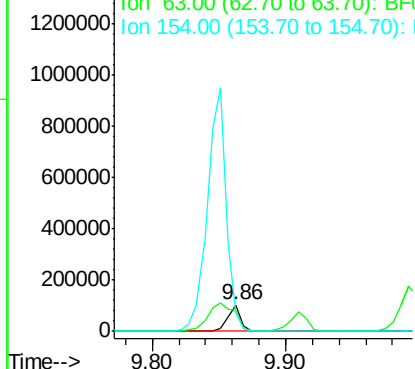
#53
2,4-Dinitrophenol
Concen: 39.48 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 73697
Ion Ratio Lower Upper
184 100
63 78.3 62.7 94.1
154 67.5 81.1 121.7#

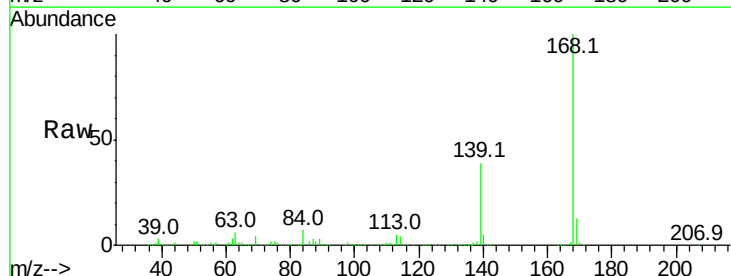


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

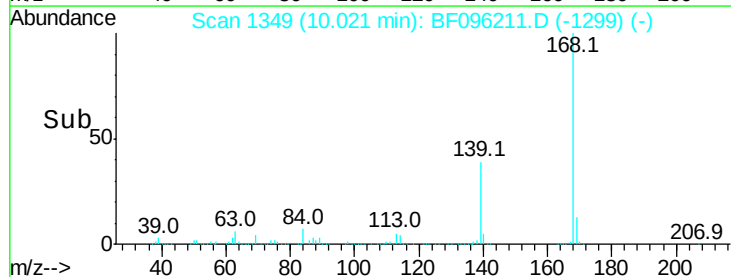
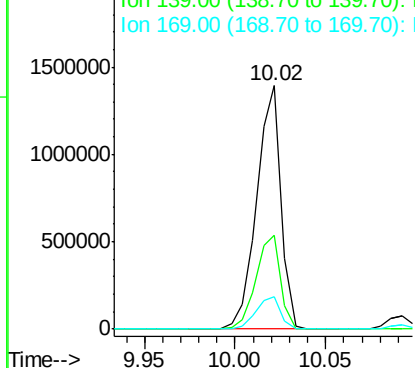


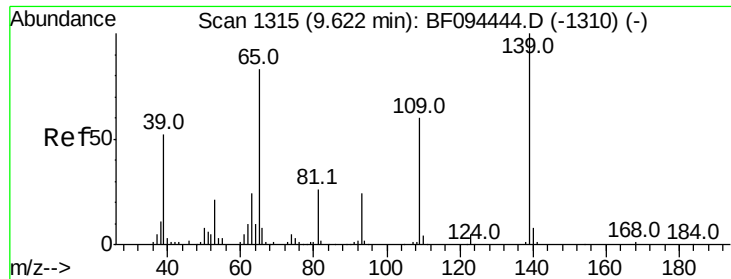
#54
Dibenzofuran
Concen: 39.78 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

Tgt Ion:168 Resp: 1288498
Ion Ratio Lower Upper
168 100
139 38.7 30.6 45.8
169 13.4 10.8 16.2



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

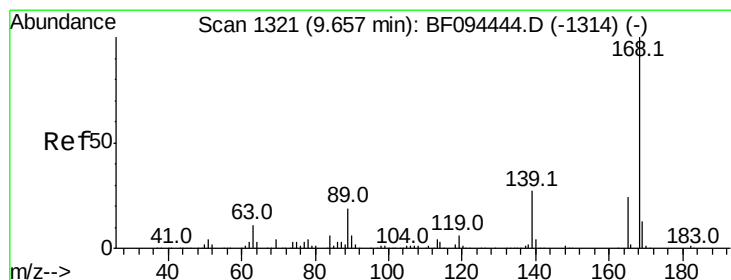
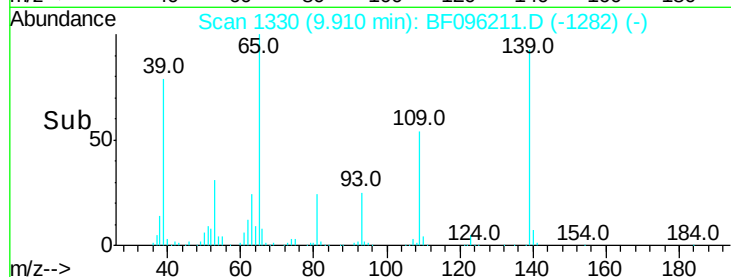
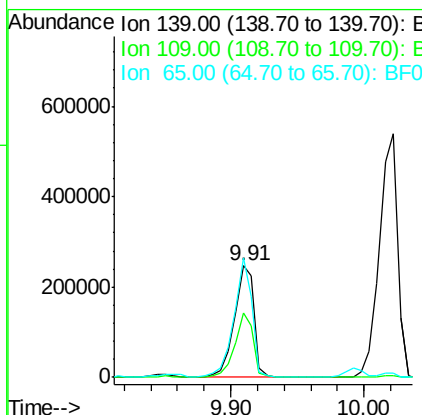
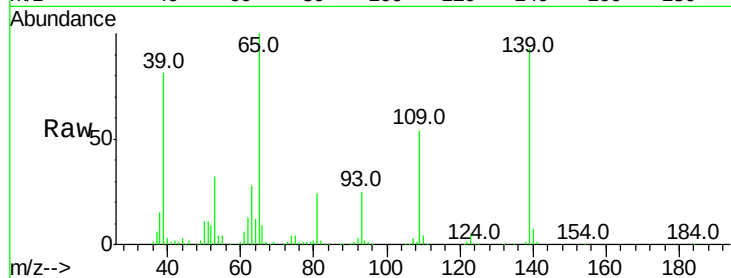




#55
4-Nitrophenol
Concen: 41.60 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

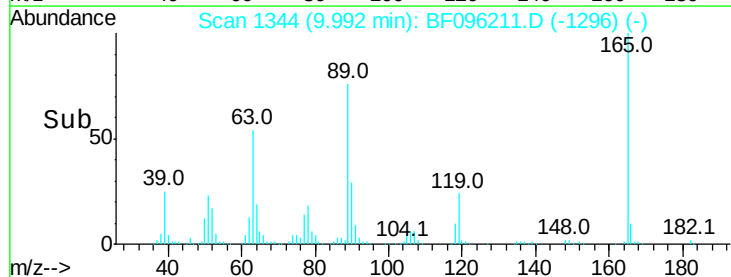
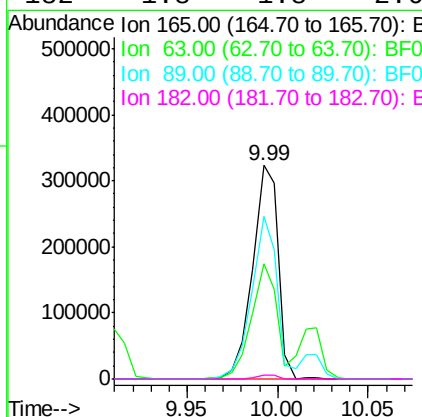
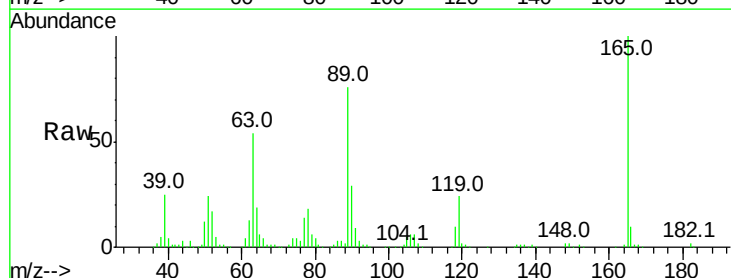
Instrument :
BNA_F
ClientSampleId :

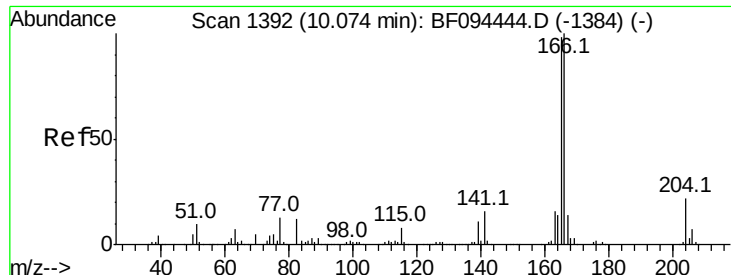
Tot Ion:139 Resp: 255901
Ion Ratio Lower Upper
139 100
109 57.6 34.1 74.1
65 107.5 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 42.28 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

Tgt Ion:165 Resp: 316582
Ion Ratio Lower Upper
165 100
63 54.2 25.4 38.0#
89 76.1 46.4 69.6#
182 1.8 1.8 2.6

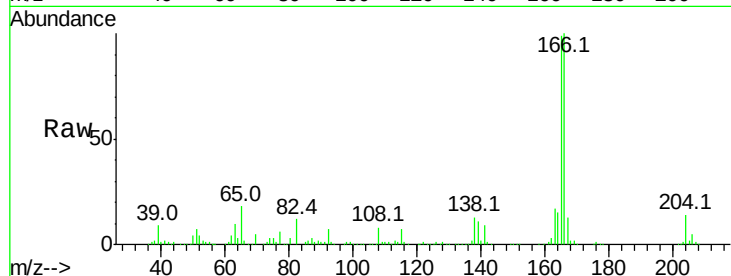




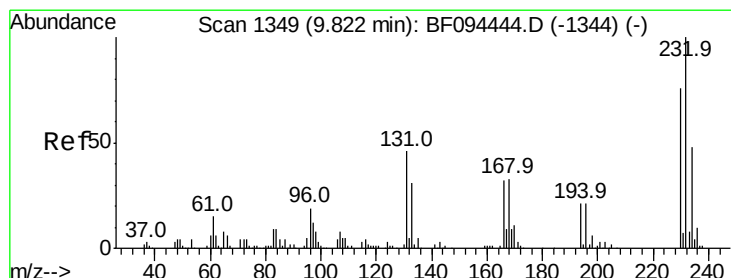
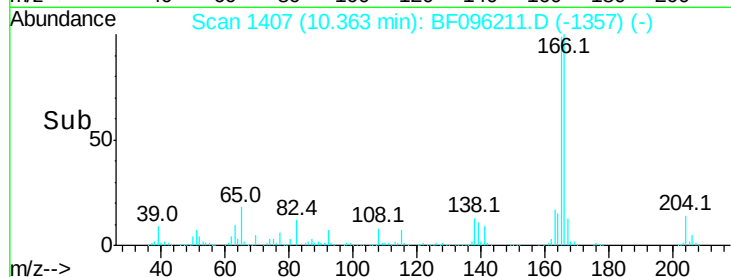
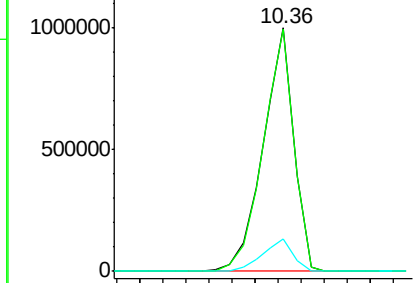
#57
 Fluorene
 Concen: 41.26 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF096211.D
 Acq: 27 Jun 2017 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 920333
 Ion Ratio Lower Upper
 166 100
 165 99.4 78.8 118.2
 167 13.2 10.6 16.0



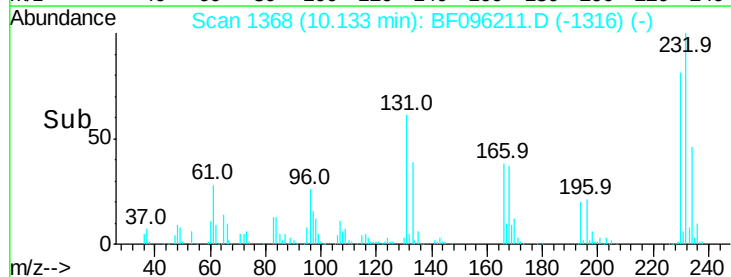
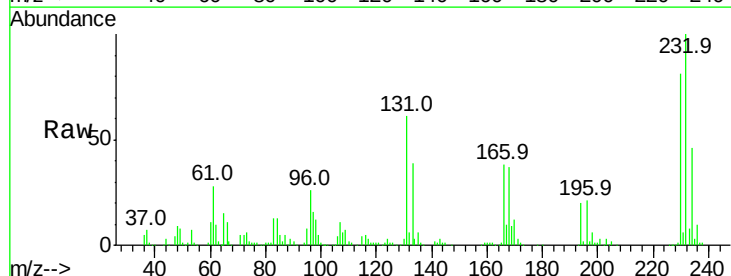
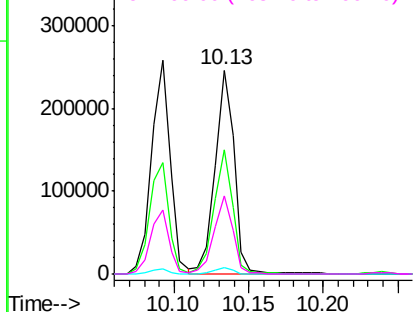
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

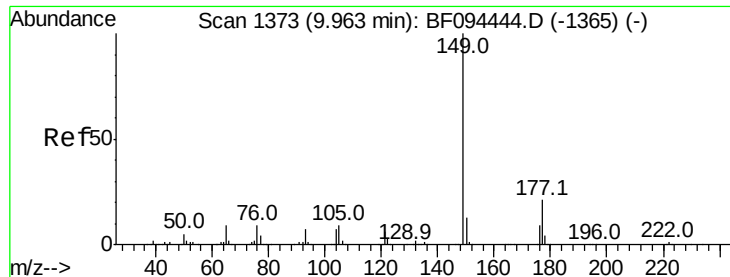


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.21 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: BF096211.D
 Acq: 27 Jun 2017 11:48

Tgt Ion:232 Resp: 220999
 Ion Ratio Lower Upper
 232 100
 131 59.9 44.8 67.2
 130 2.8 2.3 3.5
 166 37.8 29.0 43.4

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

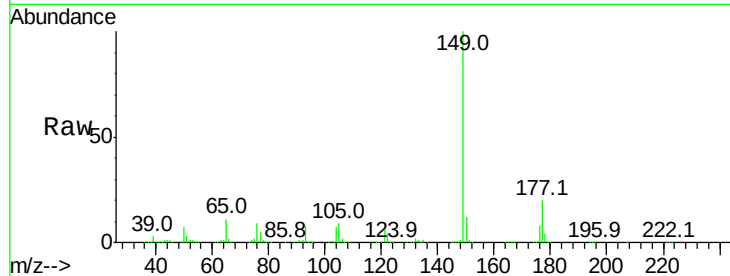




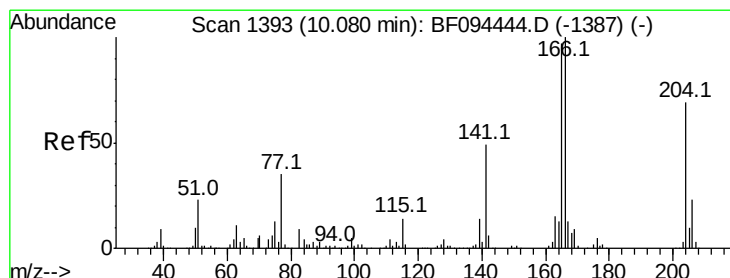
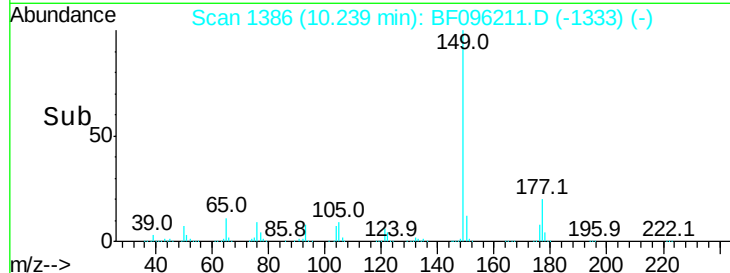
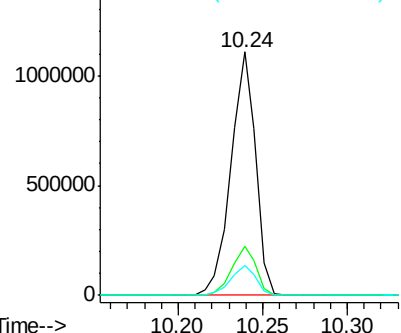
#59
Diethylphthalate
Concen: 39.59 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1135318
Ion Ratio Lower Upper
149 100
177 20.2 16.7 25.1
150 12.3 10.2 15.2

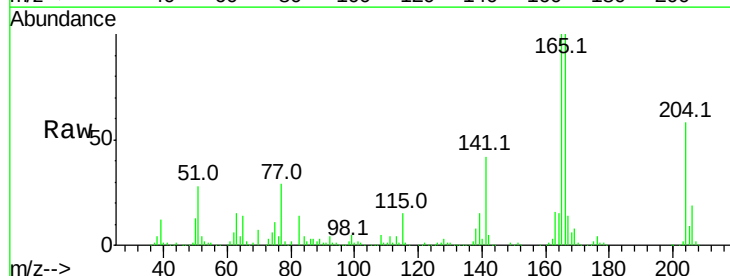


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

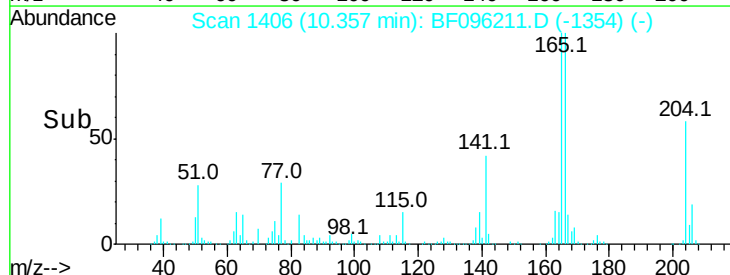
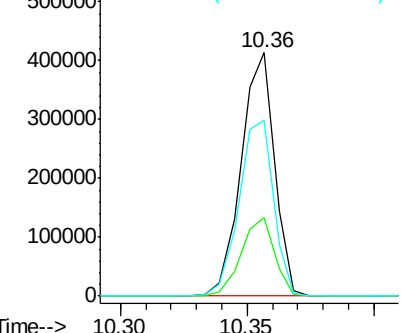


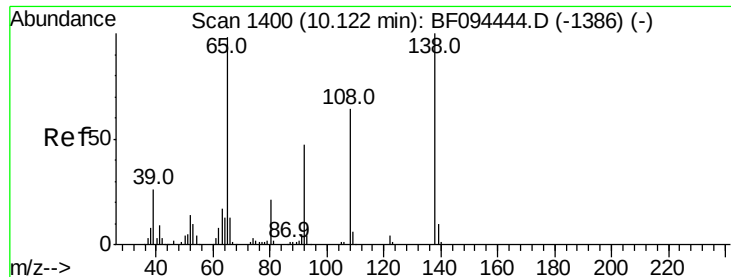
#60
4-Chlorophenyl-phenylether
Concen: 42.37 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

Tgt Ion:204 Resp: 380868
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 72.4 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: 40.17 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.02 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

Instrument :

BNA_F

ClientSampleId :

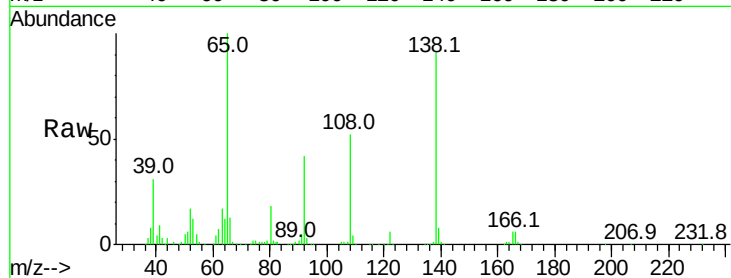
Tot Ion:138 Resp: 265907

Ion	Ratio	Lower	Upper
138	100		
92	45.8	21.8	61.8
108	57.3	42.3	82.3

138 100

92 45.8 21.8 61.8

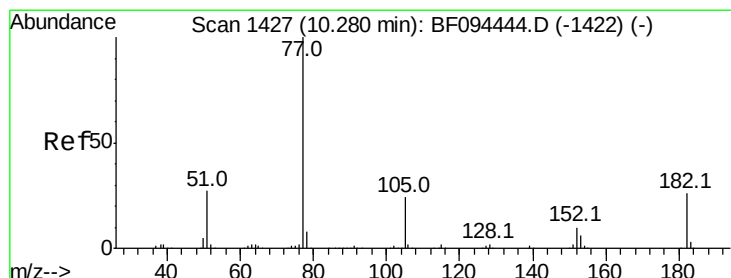
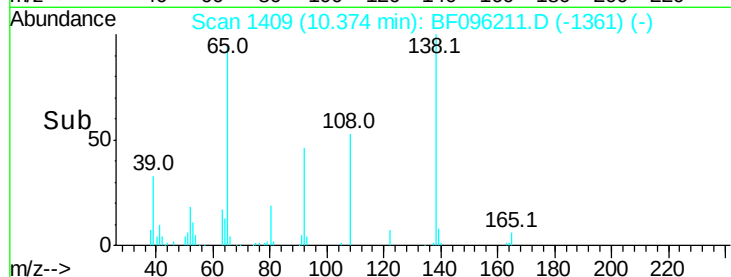
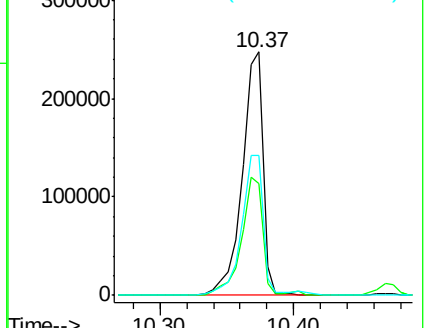
108 57.3 42.3 82.3



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: 39.00 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

Tgt Ion: 77 Resp: 1127837

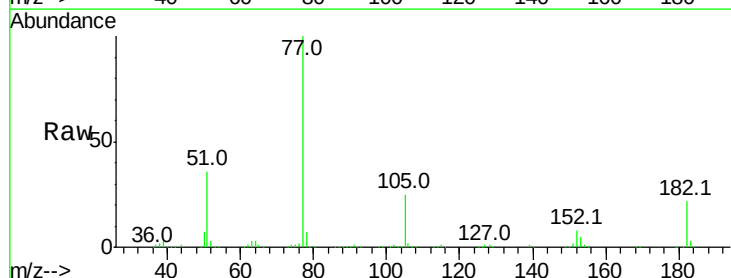
Ion	Ratio	Lower	Upper
77	100		
182	22.1	0.1	40.1
105	25.2	3.6	43.6
51	36.3	9.4	49.4

77 100

182 22.1 0.1 40.1

105 25.2 3.6 43.6

51 36.3 9.4 49.4

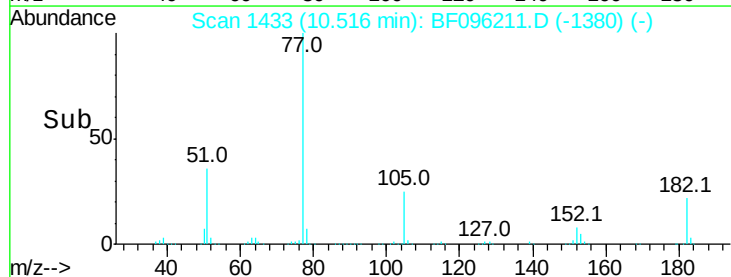
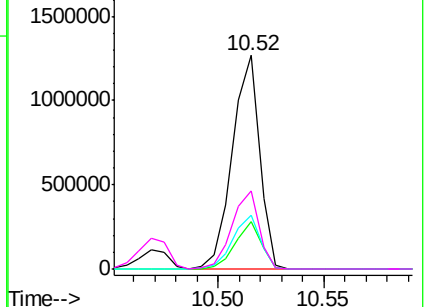


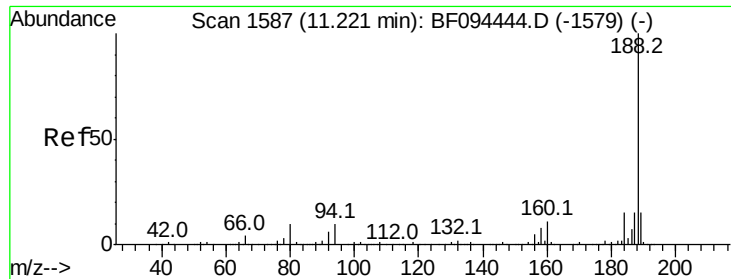
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

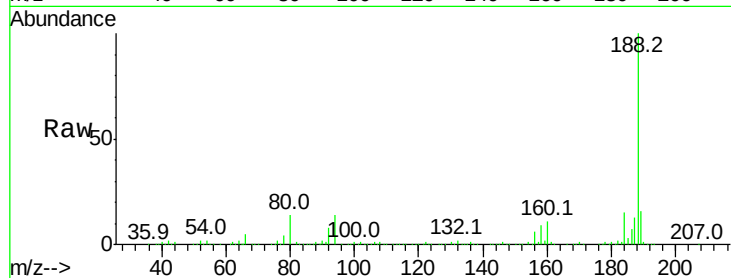




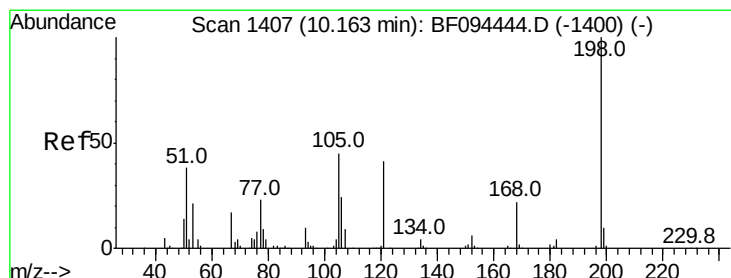
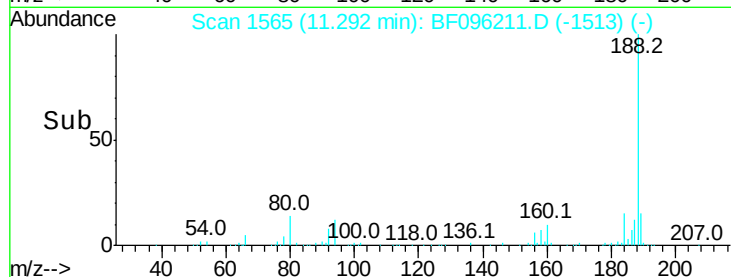
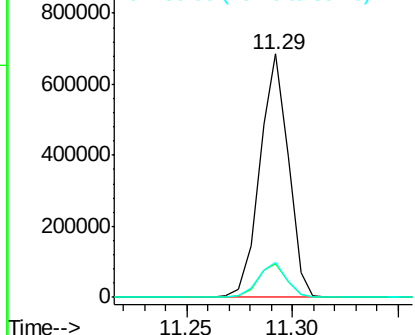
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 641965
Ion Ratio Lower Upper
188 100
94 13.9 9.4 14.2
80 14.4 10.2 15.2

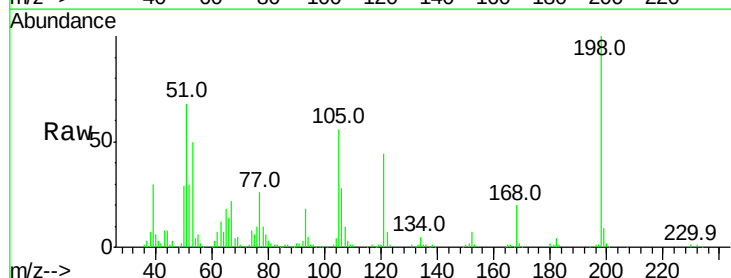


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

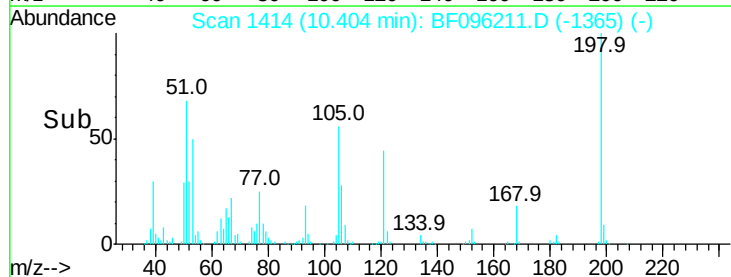
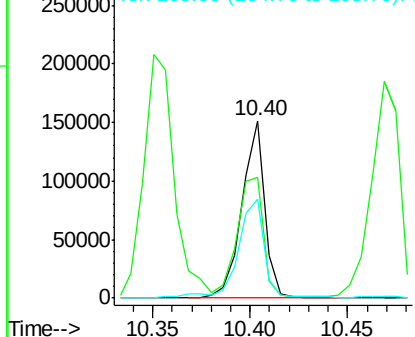


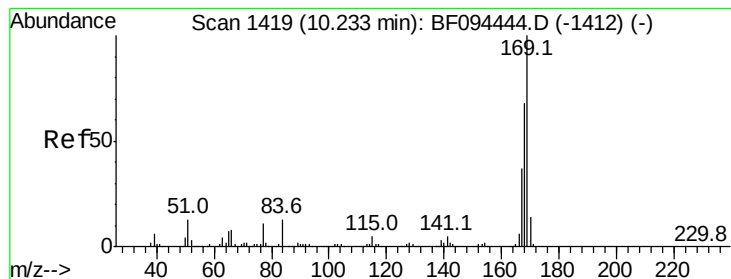
#64
4,6-Dinitro-2-methylphenol
Concen: 38.58 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

Tgt Ion:198 Resp: 122897
Ion Ratio Lower Upper
198 100
51 68.2 53.2 93.2
105 55.7 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: 39.09 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

Instrument :

BNA_F

ClientSampleId :

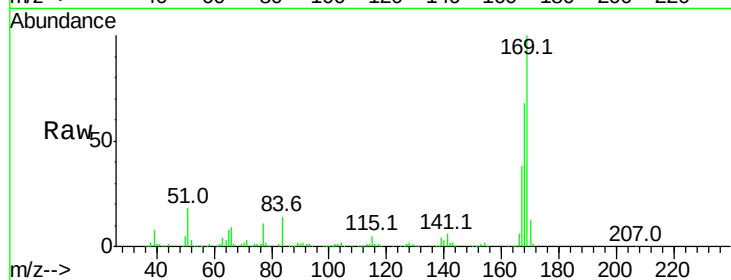
Tot Ion:169 Resp: 902448

Ion Ratio Lower Upper

169 100

168 67.8 53.2 79.8

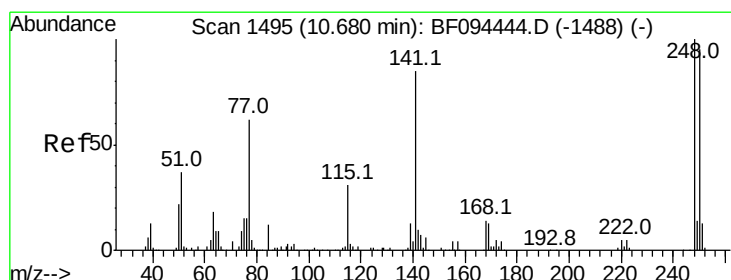
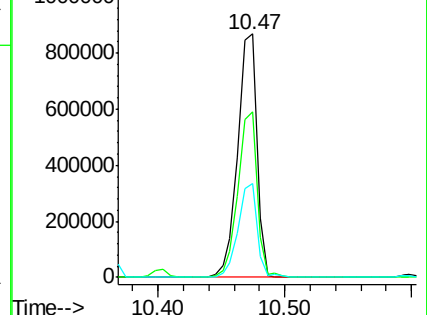
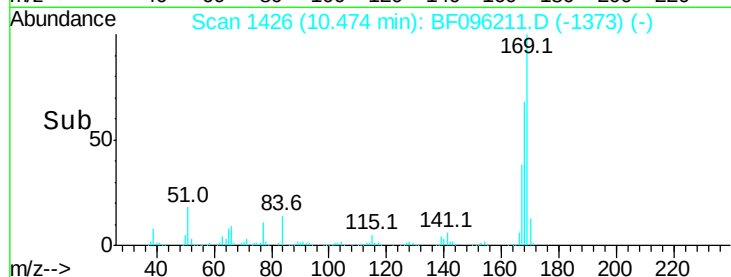
167 38.5 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.71 ng

RT: 10.84 min Scan# 1489

Delta R.T. 0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

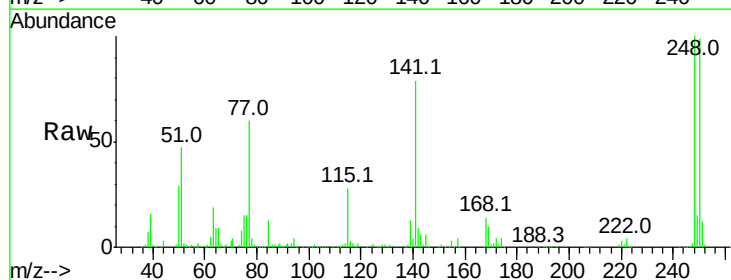
Tgt Ion:248 Resp: 262316

Ion Ratio Lower Upper

248 100

250 98.6 76.8 115.2

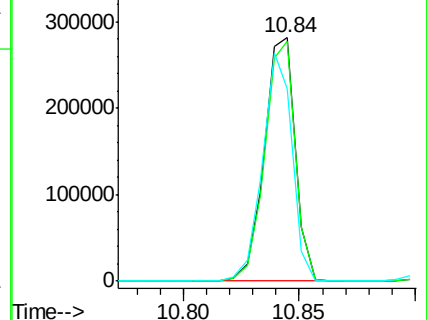
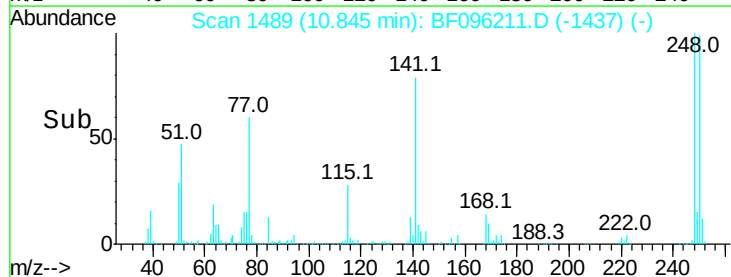
141 78.9 68.6 103.0

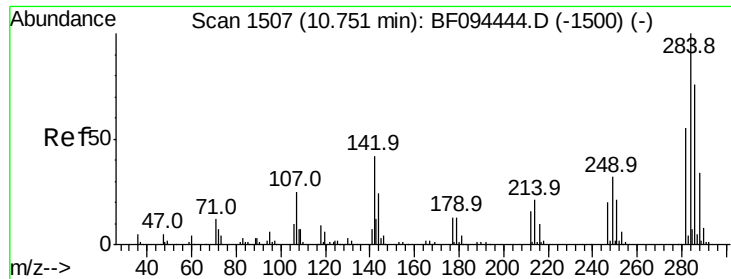


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

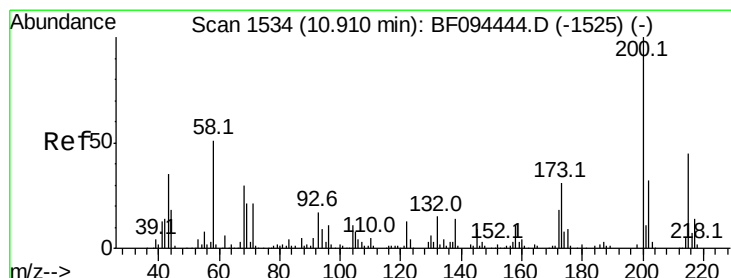
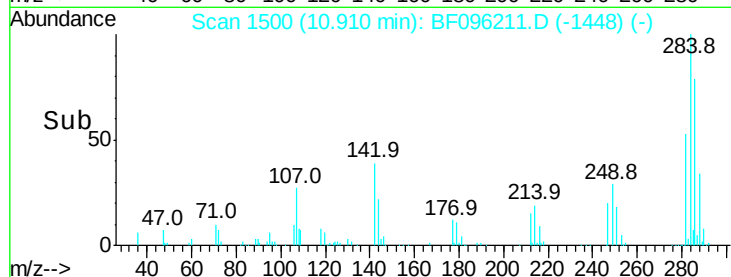
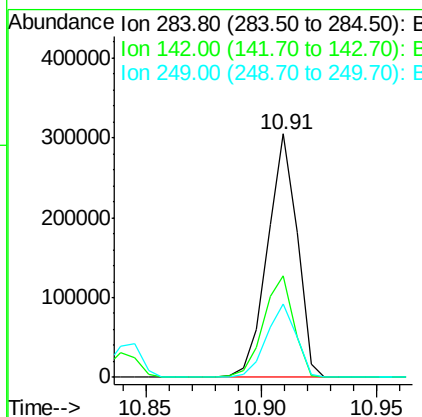
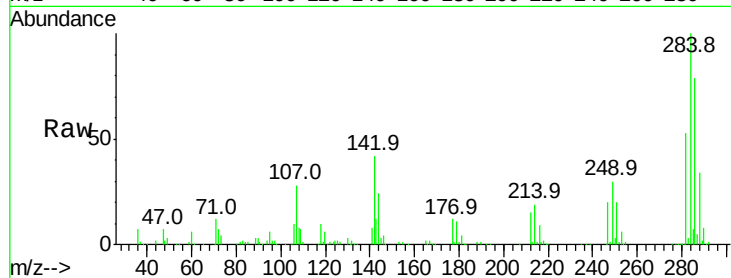




#67
Hexachlorobenzene
Concen: 39.99 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.01 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

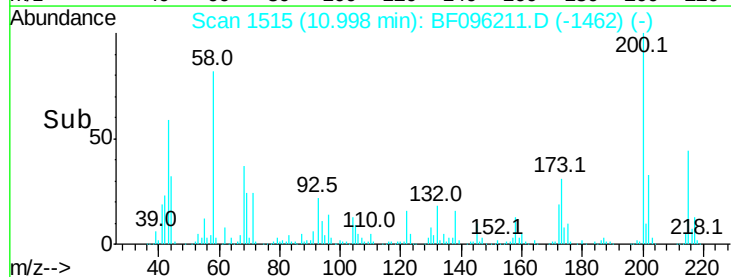
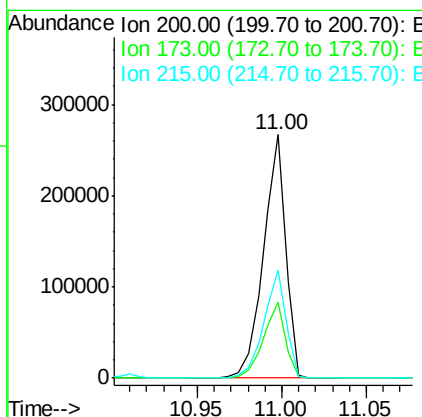
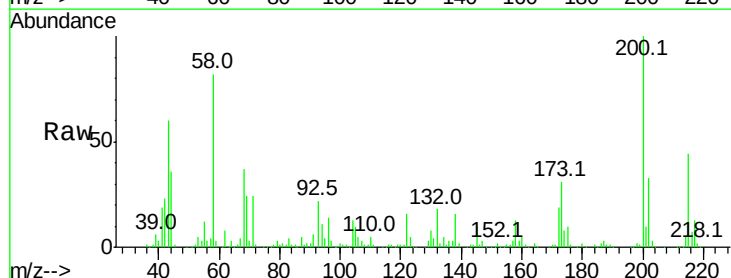
Instrument :
BNA_F
ClientSampled :

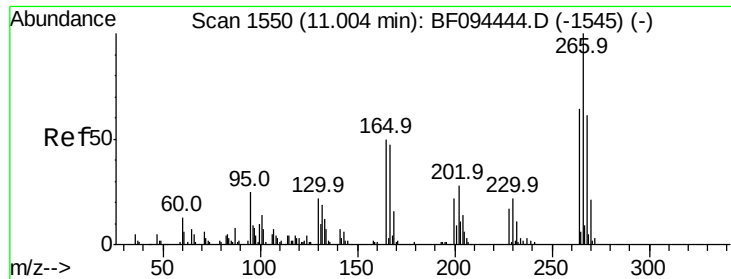
Tot Ion:284 Resp: 271546
Ion Ratio Lower Upper
284 100
142 42.0 22.8 34.2#
249 29.9 24.0 36.0



#68
Atrazine
Concen: 39.88 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

Tgt Ion:200 Resp: 242897
Ion Ratio Lower Upper
200 100
173 31.4 6.3 46.3
215 44.1 27.2 67.2

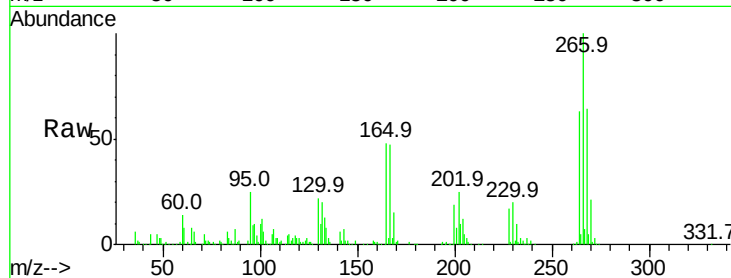




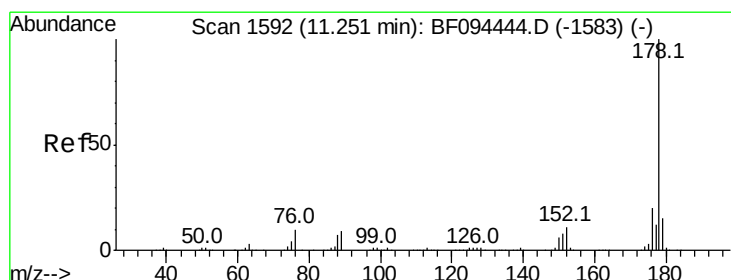
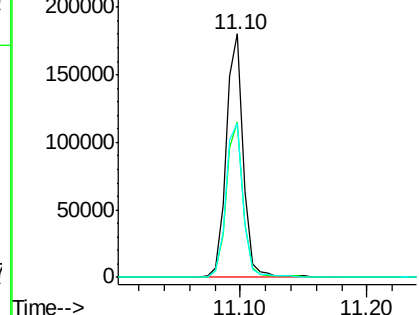
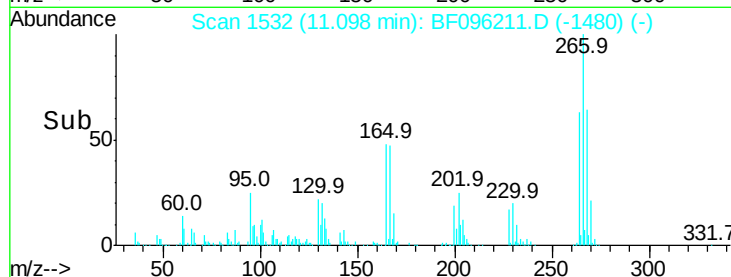
#69
 Pentachlorophenol
 Concen: 43.74 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: BF096211.D
 Acq: 27 Jun 2017 11:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 169552
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.1 76.7
 264 63.2 51.7 77.5

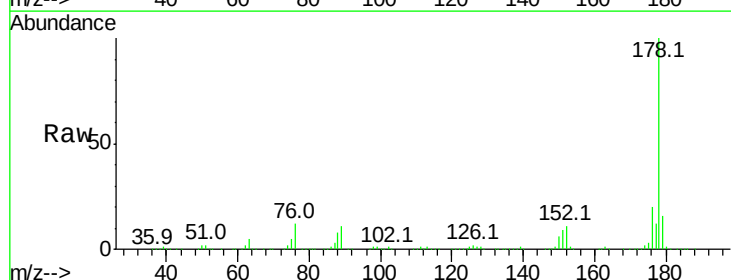


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

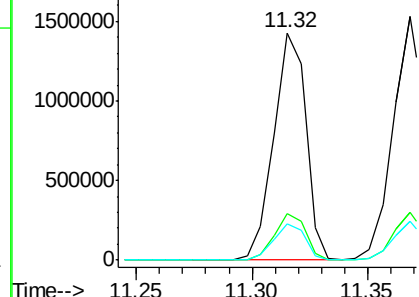
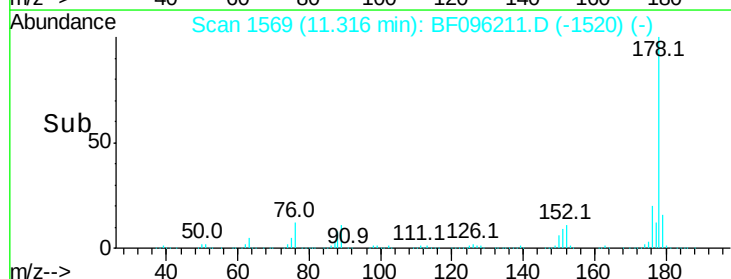


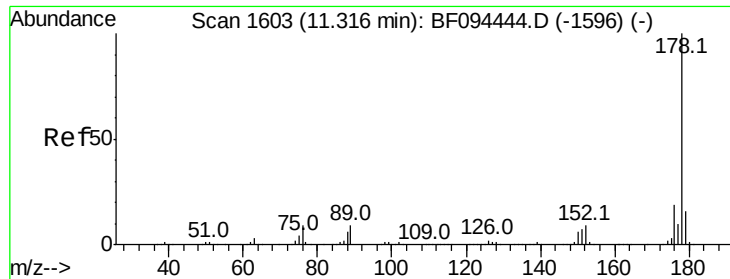
#70
 Phenanthrene
 Concen: 42.63 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF096211.D
 Acq: 27 Jun 2017 11:48

Tgt Ion:178 Resp: 1385509
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.2 24.4
 179 16.2 12.6 19.0



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

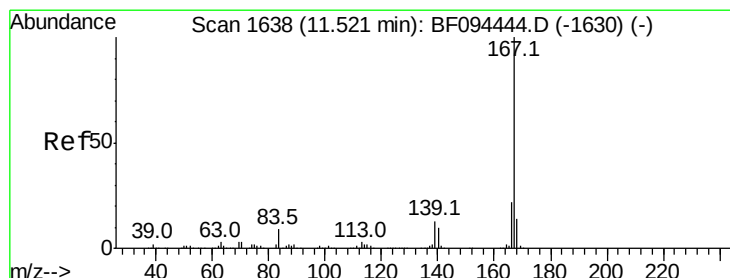
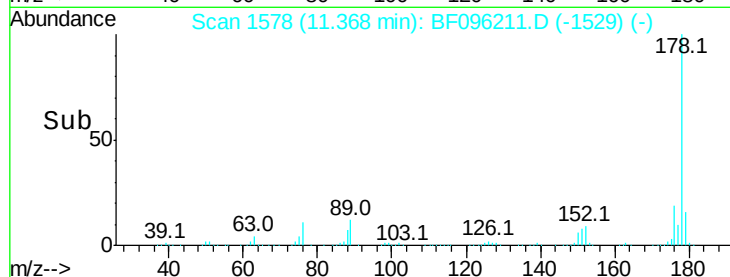
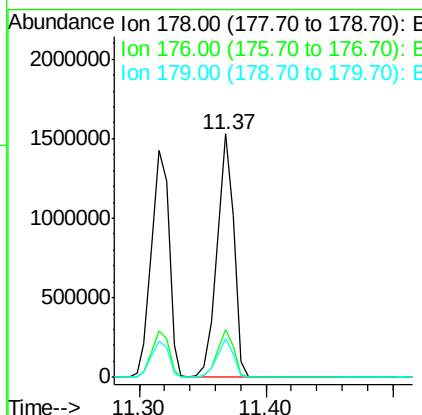
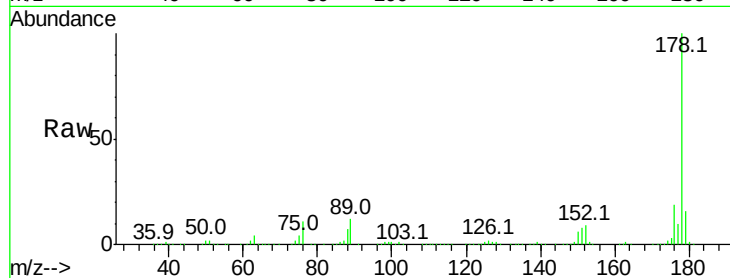




#71
 Anthracene
 Concen: 40.08 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF096211.D
 Acq: 27 Jun 2017 11:48

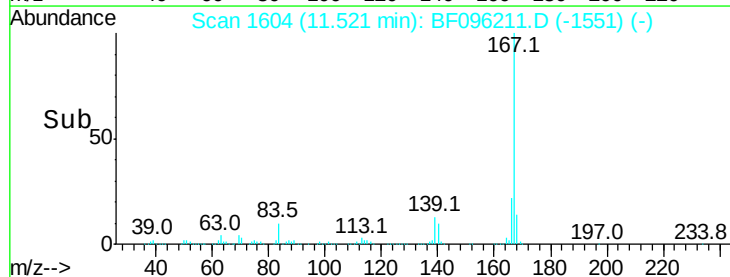
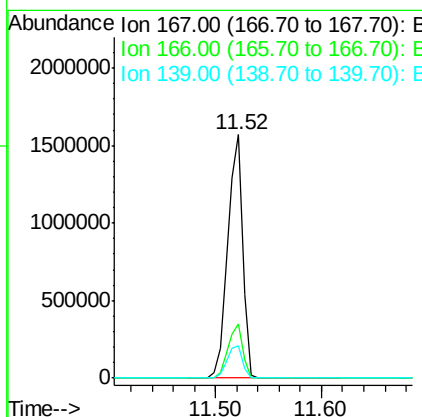
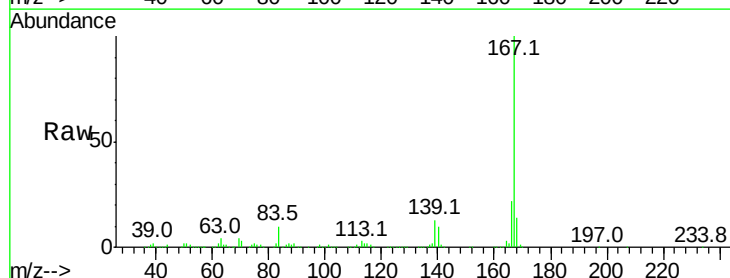
Instrument :
 BNA_F
 ClientSampleId :

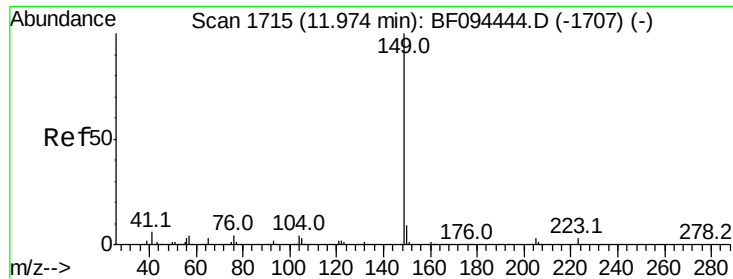
Tot Ion:178 Resp: 1437827
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 38.72 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BF096211.D
 Acq: 27 Jun 2017 11:48

Tgt Ion:167 Resp: 1533390
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.5 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.67 ng

RT: 11.86 min Scan# 1662

Delta R.T. 0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

Instrument :

BNA_F

ClientSampleId :

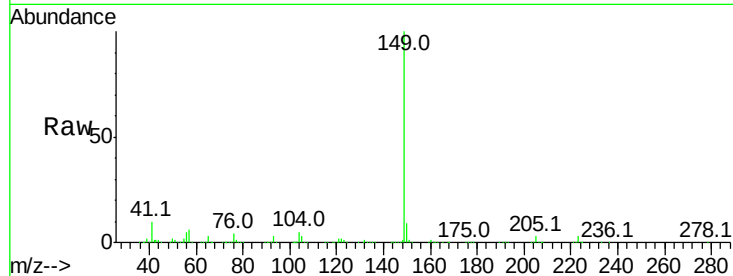
Tot Ion:149 Resp: 1700609

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

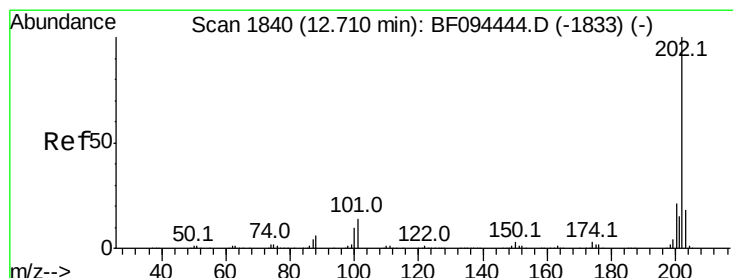
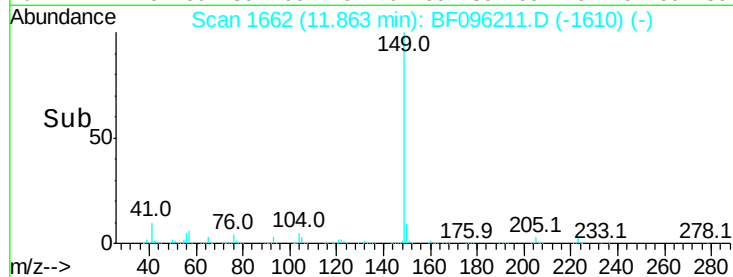
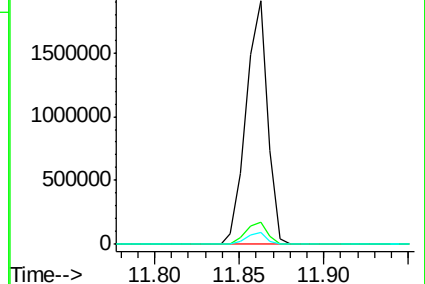
104 4.7 4.0 6.0



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: 38.83 ng

RT: 12.50 min Scan# 1771

Delta R.T. 0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

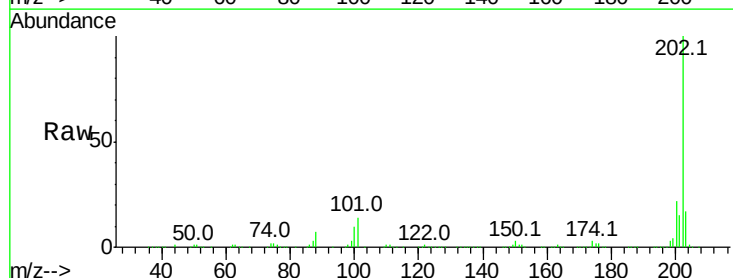
Tgt Ion:202 Resp: 1384859

Ion Ratio Lower Upper

202 100

101 14.4 0.0 33.2

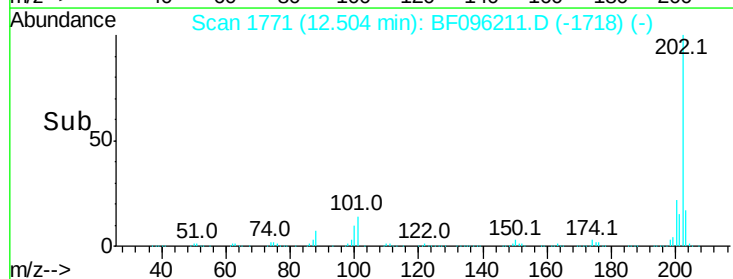
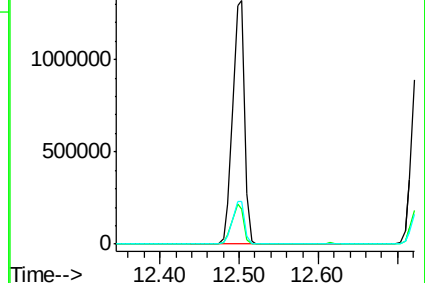
203 17.4 0.0 38.1

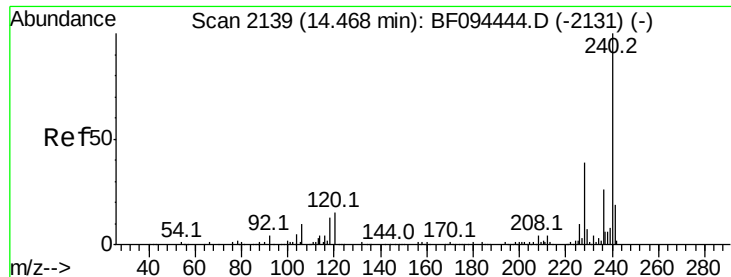


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

Instrument :

BNA_F

ClientSampleId :

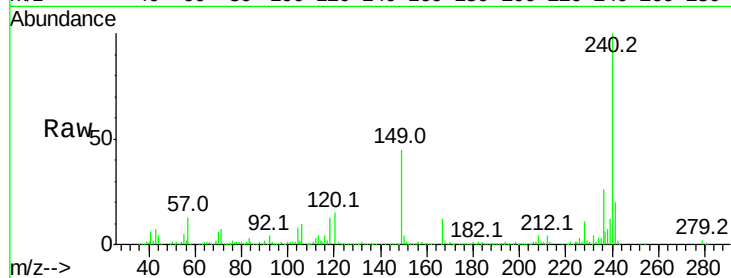
Tot Ion:240 Resp: 435715

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

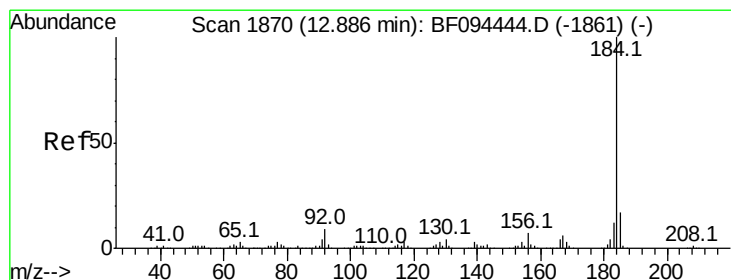
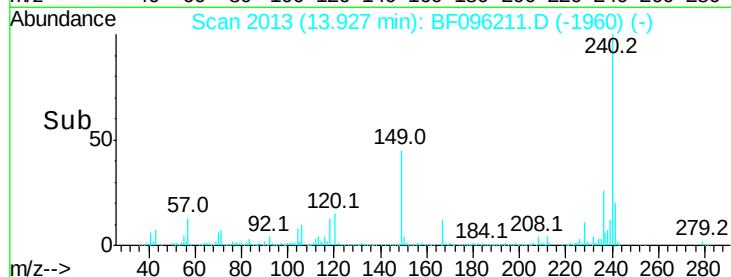
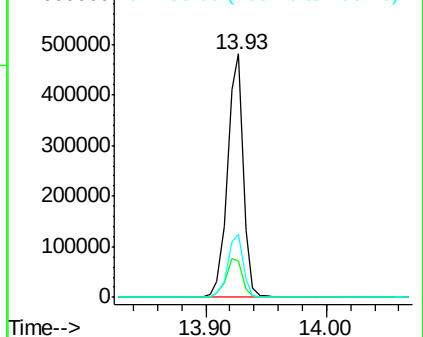
236 26.0 20.5 30.7



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: 42.70 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

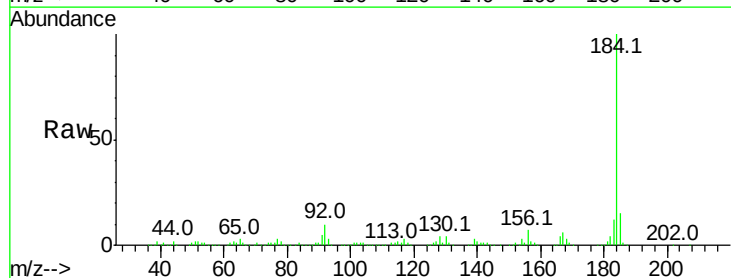
Tgt Ion:184 Resp: 697601

Ion Ratio Lower Upper

184 100

185 15.3 15.5 23.3#

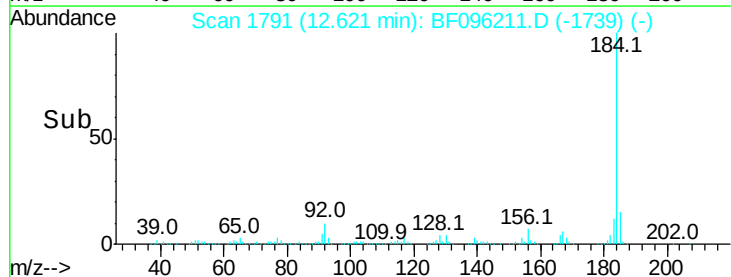
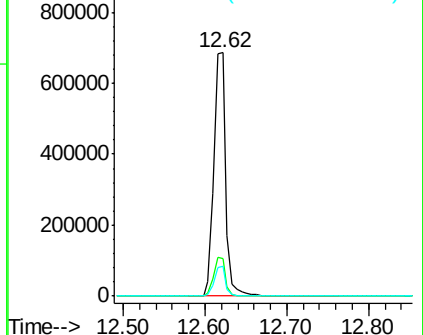
183 12.1 9.8 14.6

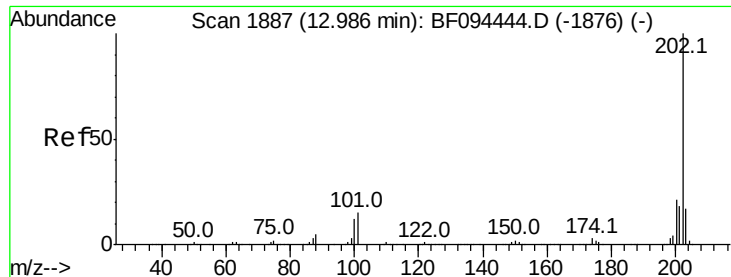


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

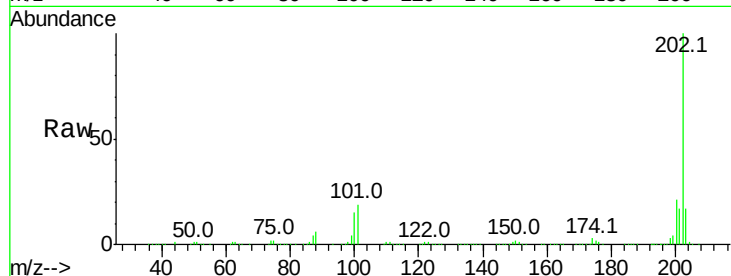




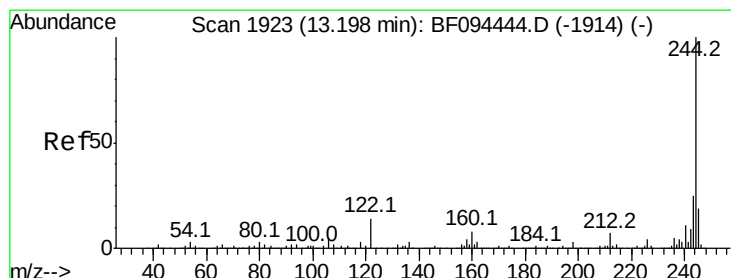
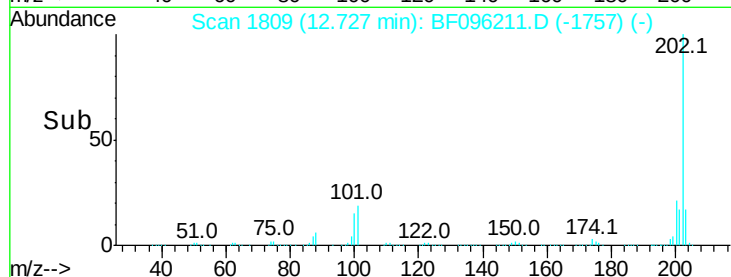
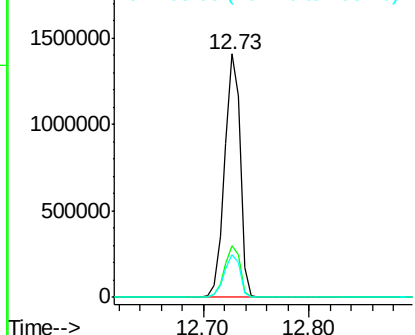
#77
Pvrene
Concen: 40.35 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1444723
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 17.5 14.4 21.6

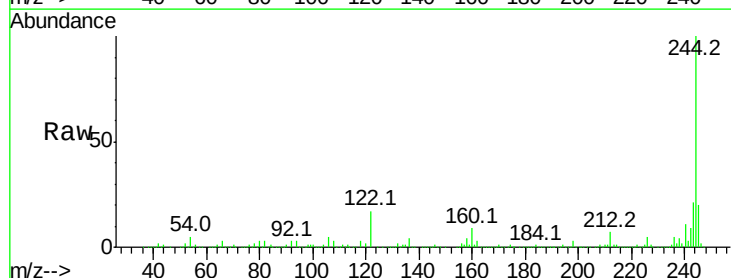


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

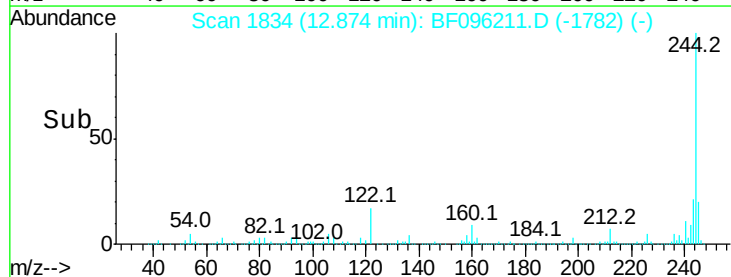
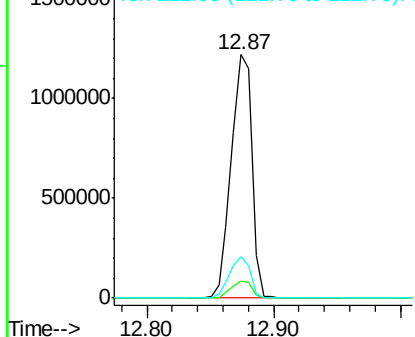


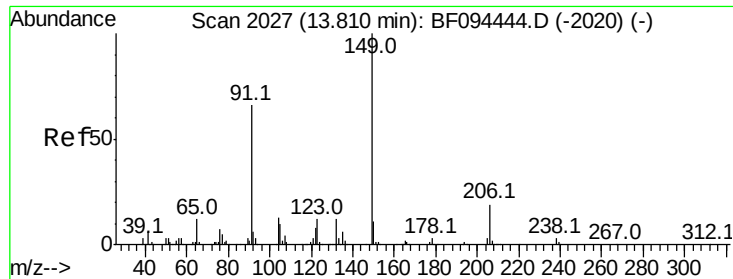
#78
Terphenyl-d14
Concen: 78.15 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.01 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

Tgt Ion:244 Resp: 1364635
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 16.9 10.3 15.5#



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

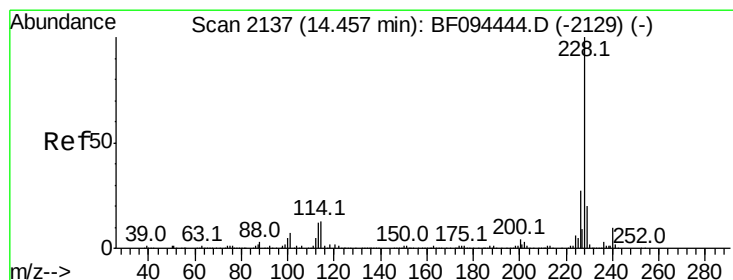
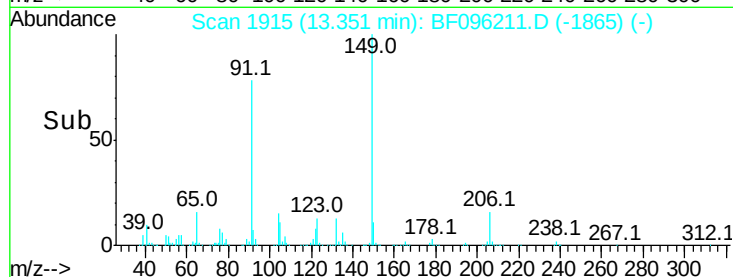
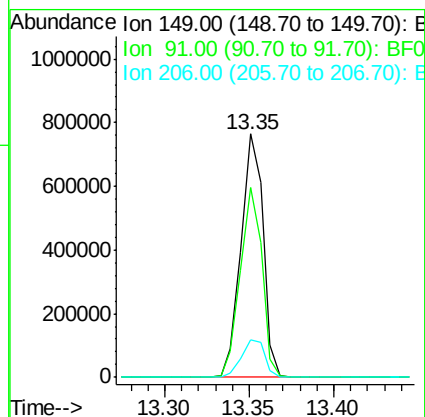
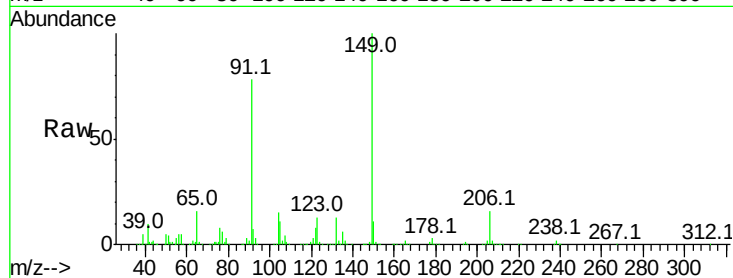




#79
Butylbenzylphthalate
Concen: 42.36 ng
RT: 13.35 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

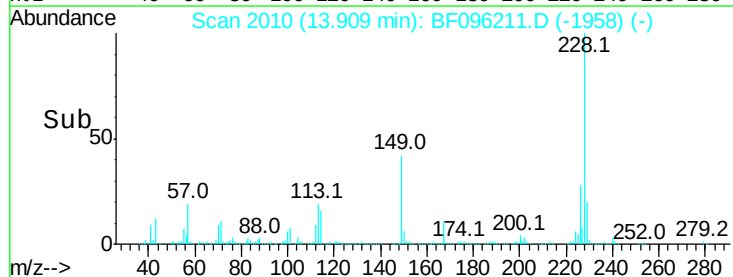
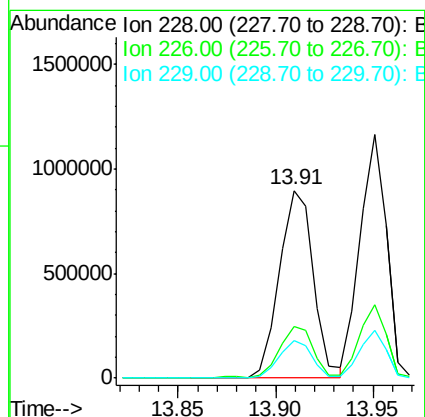
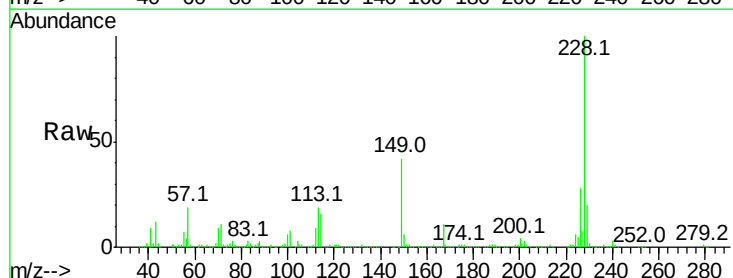
Instrument :
BNA_F
ClientSampled :

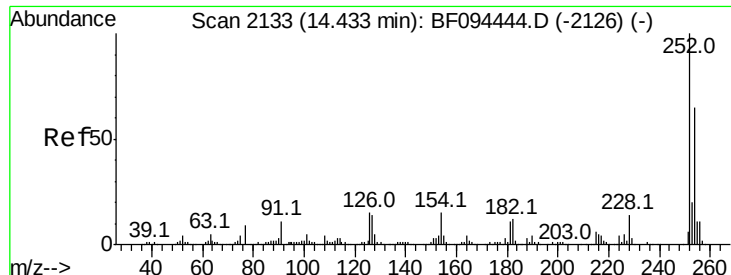
Tot Ion:149 Resp: 695123
Ion Ratio Lower Upper
149 100
91 78.2 45.0 67.4#
206 15.7 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 40.63 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

Tgt Ion:228 Resp: 1079130
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 20.3 16.3 24.5

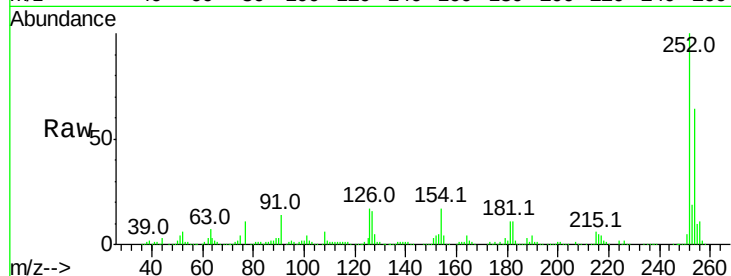




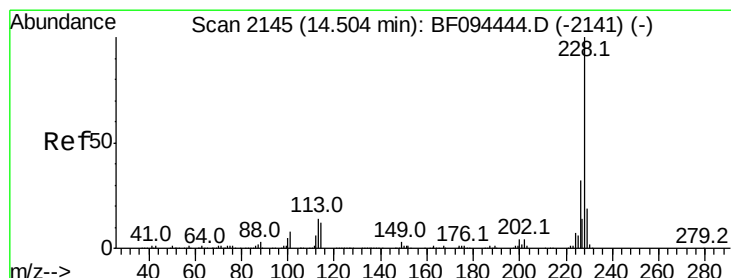
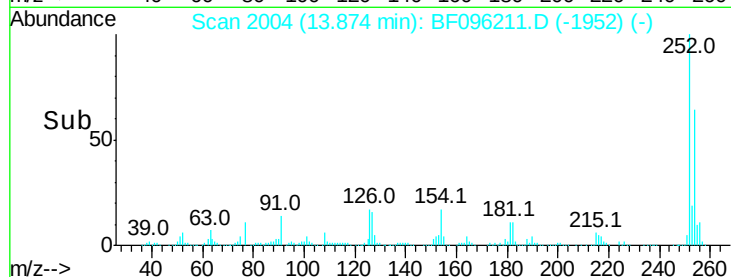
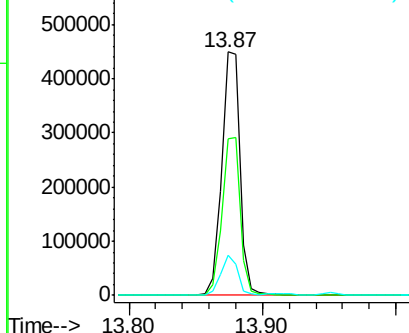
#81
 3,3'-Dichlorobenzidine
 Concen: 43.34 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF096211.D
 Acq: 27 Jun 2017 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 438384
 Ion Ratio Lower Upper
 252 100
 254 64.1 51.5 77.3
 126 16.7 15.8 23.8

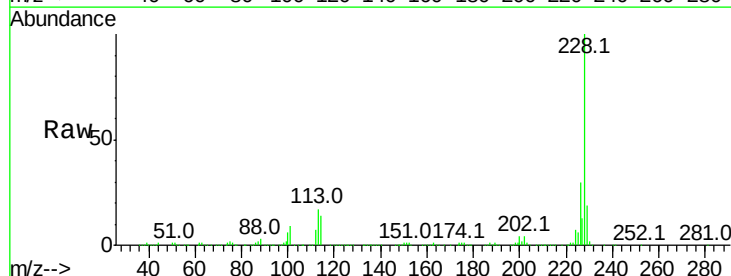


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

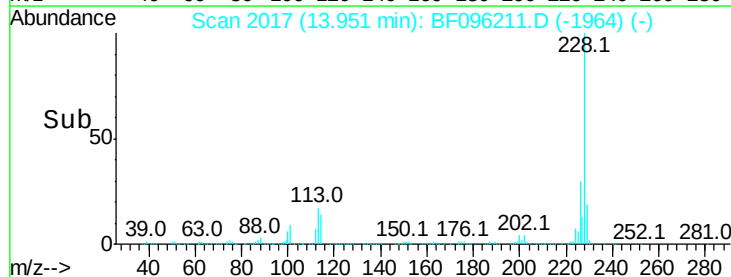
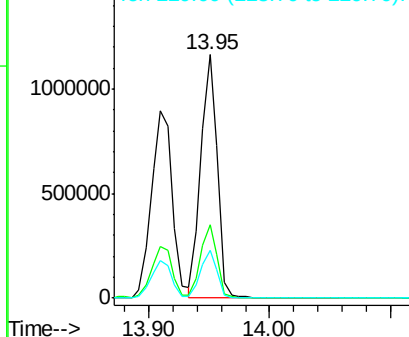


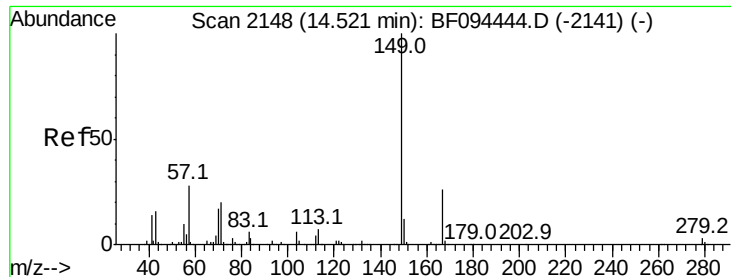
#82
 Chrysene
 Concen: 40.51 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF096211.D
 Acq: 27 Jun 2017 11:48

Tgt Ion:228 Resp: 1112871
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.9 37.3
 229 19.5 15.8 23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.55 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

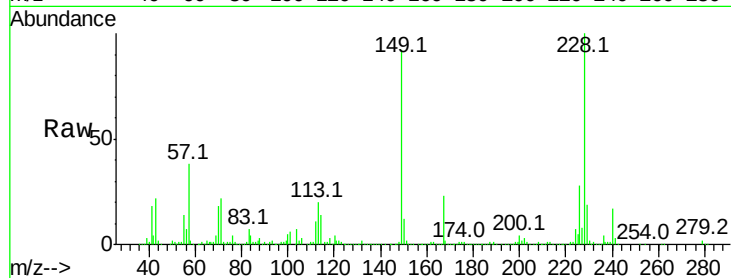
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 776538

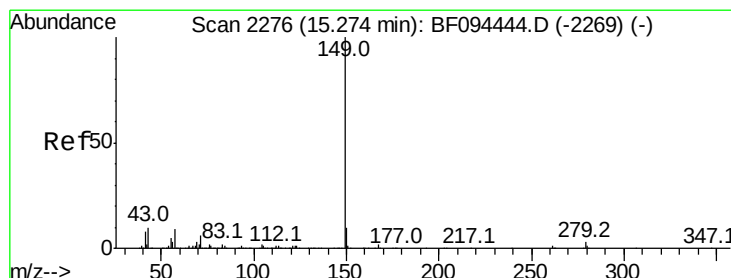
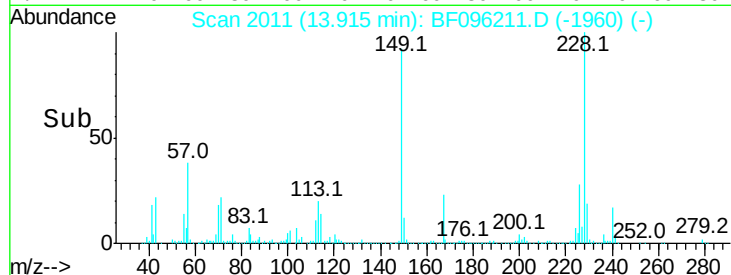
Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.0	31.4
279	2.7	1.9	2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.35 ng

RT: 14.53 min Scan# 2115

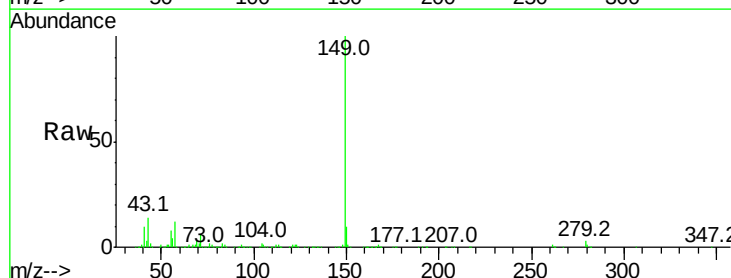
Delta R.T. 0.00 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

Tgt Ion:149 Resp: 1555652

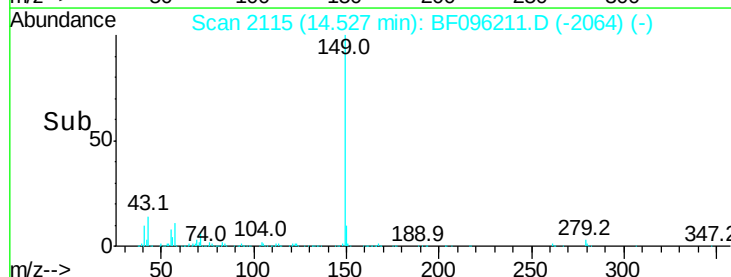
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	14.4	8.5	12.7#

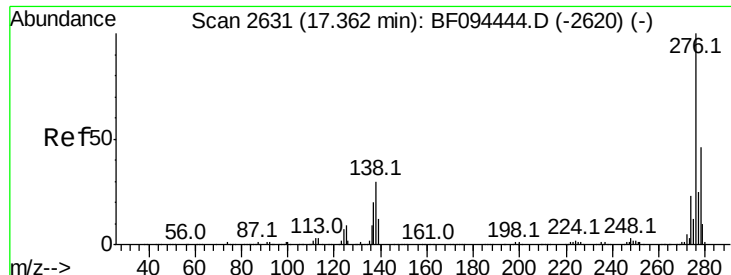


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

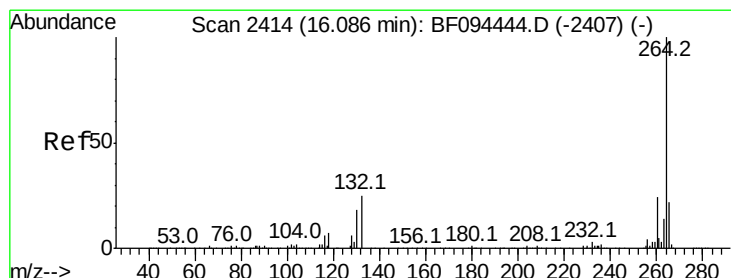
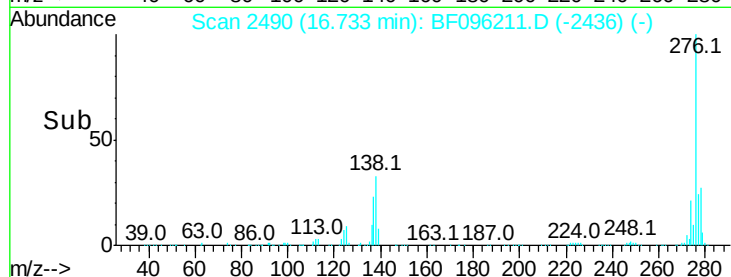
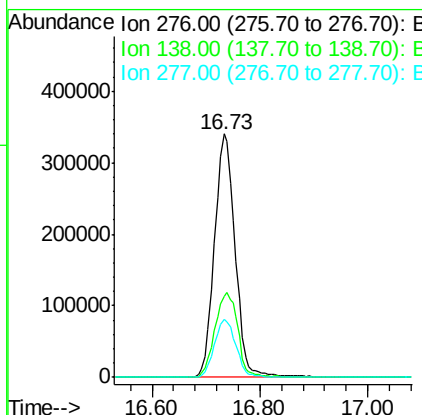
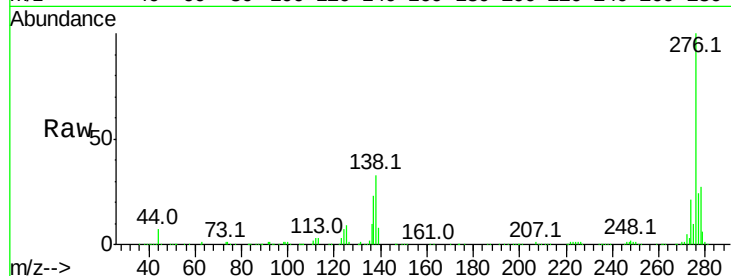




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.17 ng
 RT: 16.73 min Scan# 2490
 Delta R.T. 0.02 min
 Lab File: BF096211.D
 Acq: 27 Jun 2017 11:48

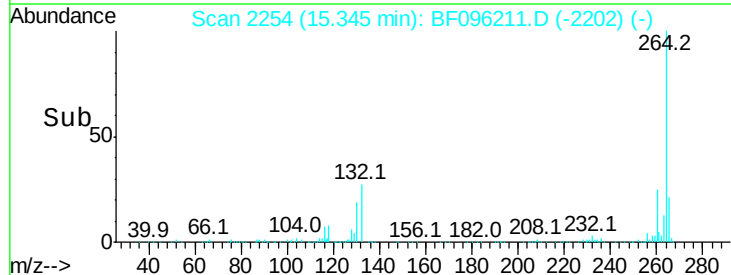
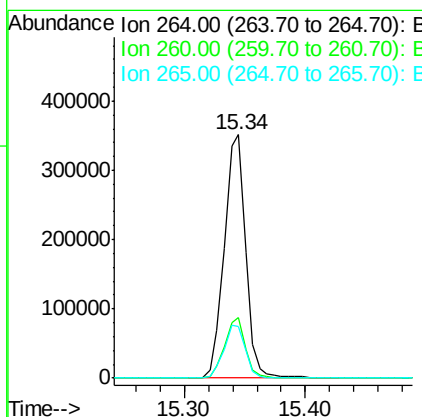
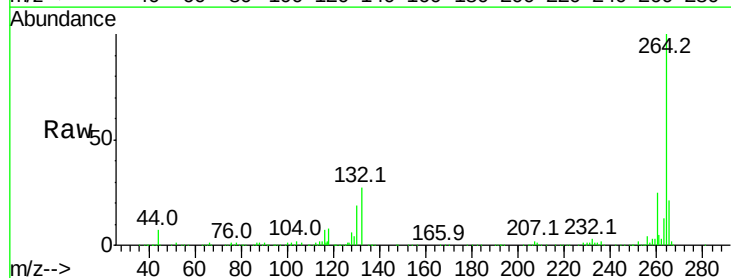
Instrument :
 BNA_F
 ClientSampleId :

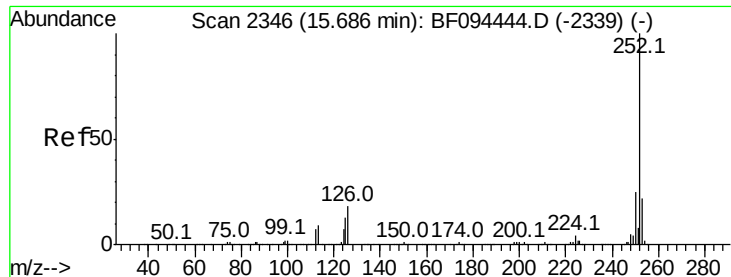
Tot Ion	Ratio	Lower	Upper
276	100		
138	38.3	27.8	41.6
277	24.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.34 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: BF096211.D
 Acq: 27 Jun 2017 11:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 37.31 ng

RT: 14.97 min Scan# 2190

Delta R.T. 0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

Instrument :

BNA_F

ClientSampleId :

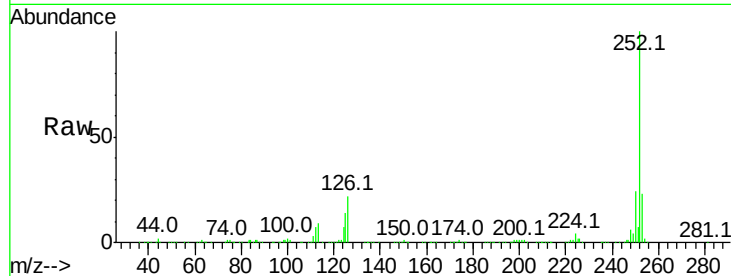
Tot Ion:252 Resp: 1057975

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

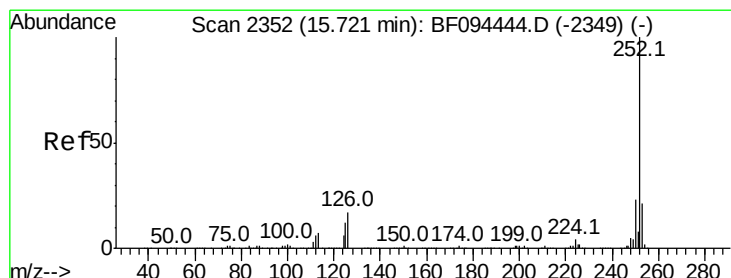
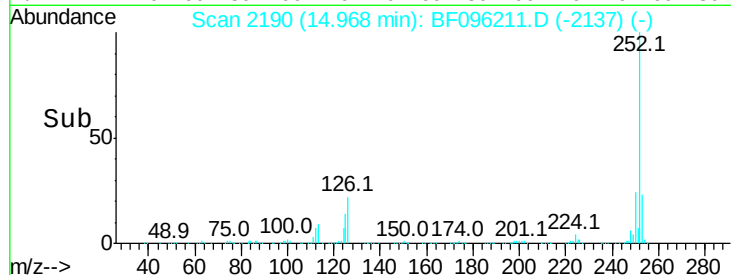
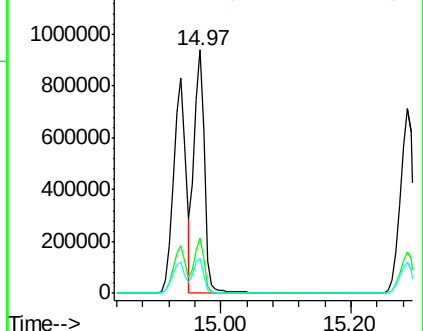
125 14.4 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.87 ng

RT: 14.97 min Scan# 2190

Delta R.T. 0.01 min

Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

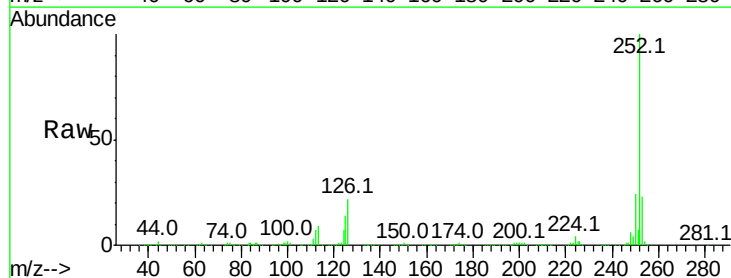
Tgt Ion:252 Resp: 1057975

Ion Ratio Lower Upper

252 100

253 22.6 18.4 27.6

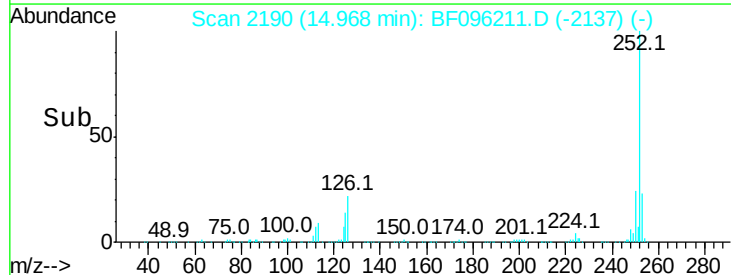
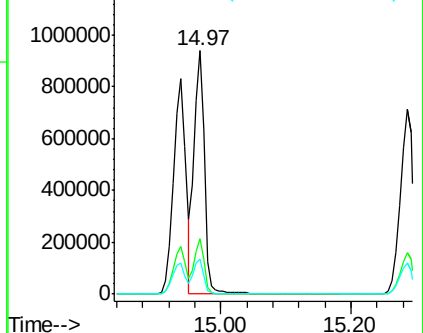
125 14.4 13.1 19.7

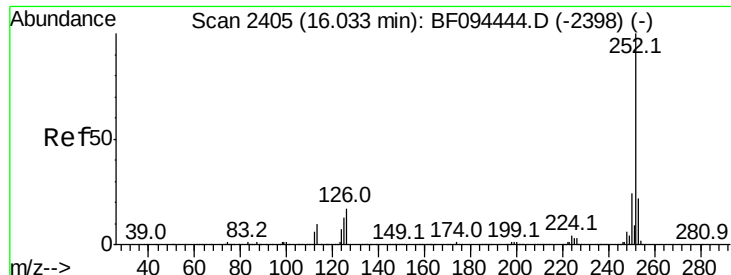


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

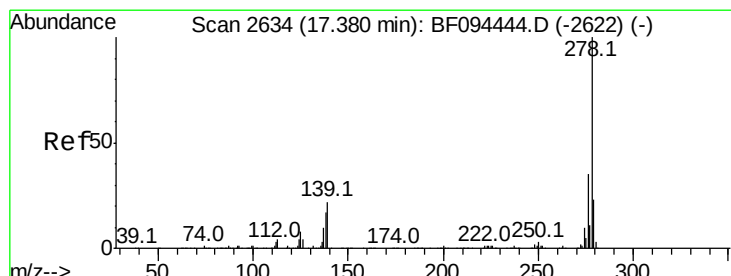
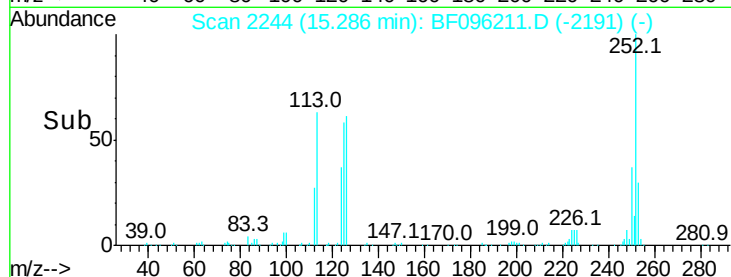
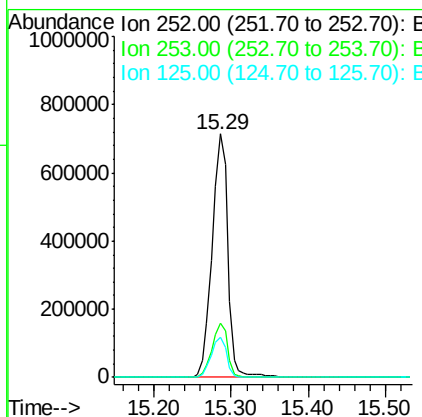
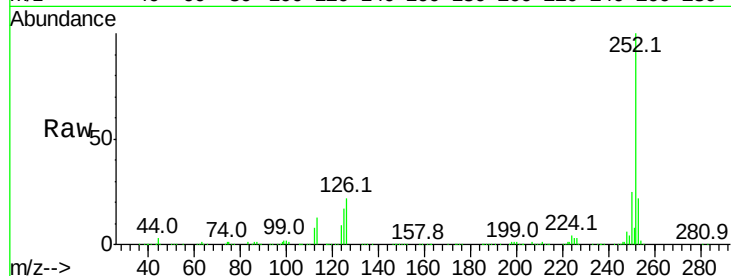




#89
Benzo(a)pyrene
Concen: 40.03 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

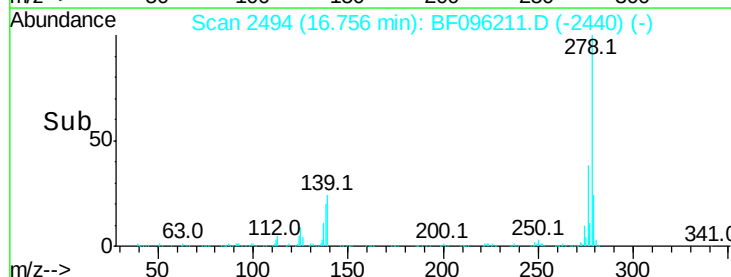
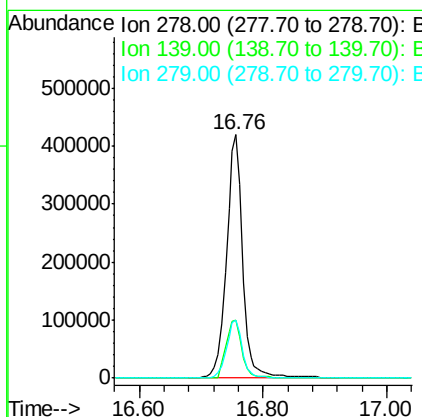
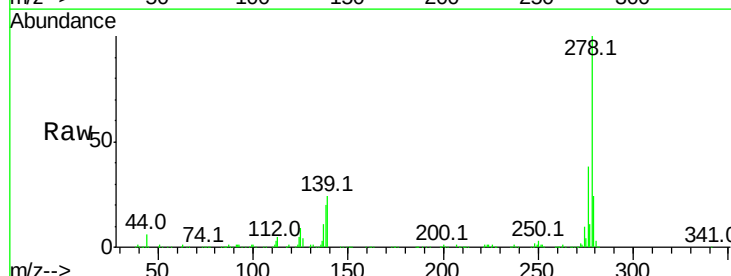
Instrument :
BNA_F
ClientSampleId :

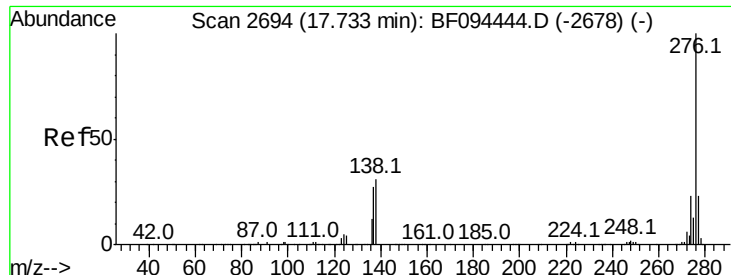
Tot Ion:252 Resp: 1002635
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 16.7 11.0 16.4#



#90
Dibenzo(a,h)anthracene
Concen: 39.13 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.02 min
Lab File: BF096211.D
Acq: 27 Jun 2017 11:48

Tgt Ion:278 Resp: 767378
Ion Ratio Lower Upper
278 100
139 23.6 16.6 24.8
279 23.8 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 38.18 ng

RT: 17.16 min Scan# 2562

Delta R.T. 0.02 min

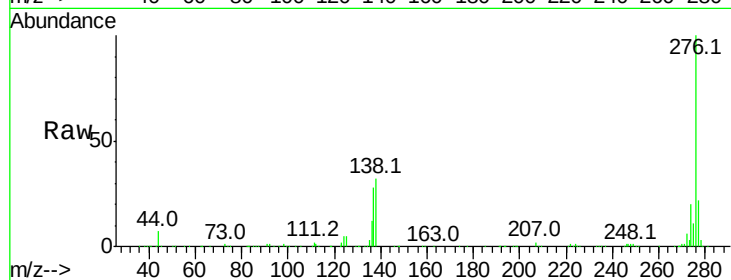
Lab File: BF096211.D

Acq: 27 Jun 2017 11:48

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 778363

Ion Ratio Lower Upper

276 100

277 22.3 18.6 28.0

138 31.6 25.4 38.0

