

Data File : BF096909.D
Acq On : 20 Jul 2017 16:50
Operator : SJ/JU
Sample : PB100793BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB100793BS

Quant Time: Jul 21 03:25:20 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	89182	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	374919	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	169106	20.00	ng	-0.03
63) Phenanthrene-d10	11.07	188	316688	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	191433	20.00	ng	-0.03
86) Perylene-d12	15.07	264	160280	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	749229	126.32	ng	-0.02
7) Phenol-d6	6.23	99	895967	125.88	ng	-0.02
23) Nitrobenzene-d5	7.13	82	462127	76.35	ng	-0.04
41) 2,4,6-Tribromophenol	10.39	330	183835	127.36	ng	-0.03
44) 2-Fluorobiphenyl	8.93	172	881382	82.35	ng	-0.03
78) Terphenyl-d14	12.66	244	705471	63.91	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.21	88	93162	30.53	ng	# 73
3) Pyridine	2.85	79	218765	34.11	ng	# 60
4) n-Nitrosodimethylamine	2.80	42	134786	37.58	ng	# 78
6) Aniline	6.23	93	191770	21.87	ng	# 1
8) 2-Chlorophenol	6.36	128	267825	41.86	ng	97
9) Benzaldehyde	6.11	77	106705	25.94	ng	98
10) Phenol	6.24	94	322484	40.08	ng	98
11) bis(2-Chloroethyl)ether	6.31	93	254548	42.07	ng	92
12) 1,3-Dichlorobenzene	6.51	146	248702	36.56	ng	99
13) 1,4-Dichlorobenzene	6.59	146	252310	36.63	ng	94
14) 1,2-Dichlorobenzene	6.74	146	233605	37.29	ng	97
15) Benzyl Alcohol	6.72	79	180687	38.77	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.86	45	443927	35.55	ng	97
17) 2-Methylphenol	6.85	107	183715	36.92	ng	95
18) Hexachloroethane	7.08	117	90290	36.97	ng	# 85
19) n-Nitroso-di-n-propylamine	6.99	70	156795	36.56	ng	# 87
20) 3+4-Methylphenols	7.00	107	236469	39.16	ng	# 64
22) Acetophenone	6.99	105	312967	37.35	ng	# 96
24) Nitrobenzene	7.15	77	229499	36.66	ng	94
25) Isophorone	7.40	82	407949	36.23	ng	95
26) 2-Nitrophenol	7.47	139	129564	37.22	ng	94
27) 2,4-Dimethylphenol	7.52	122	212090	37.04	ng	97
28) bis(2-Chloroethoxy)methane	7.61	93	280691	36.89	ng	98
29) 2,4-Dichlorophenol	7.72	162	194696	37.56	ng	97
30) 1,2,4-Trichlorobenzene	7.80	180	186502	37.84	ng	98
31) Naphthalene	7.87	128	675776	38.05	ng	100
32) Benzoic acid	7.66	122	123076	33.63	ng	96
33) 4-Chloroaniline	7.93	127	93859	13.34	ng	96
34) Hexachlorobutadiene	8.00	225	98524	37.45	ng	98
35) Caprolactam	8.30	113	38062	22.92	ng	# 56
36) 4-Chloro-3-methylphenol	8.43	107	202203	36.28	ng	90
37) 2-Methylnaphthalene	8.57	142	459803	40.61	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	165424	36.19	ng	98
40) Hexachlorocyclopentadiene	8.72	237	140219	81.46	ng	98

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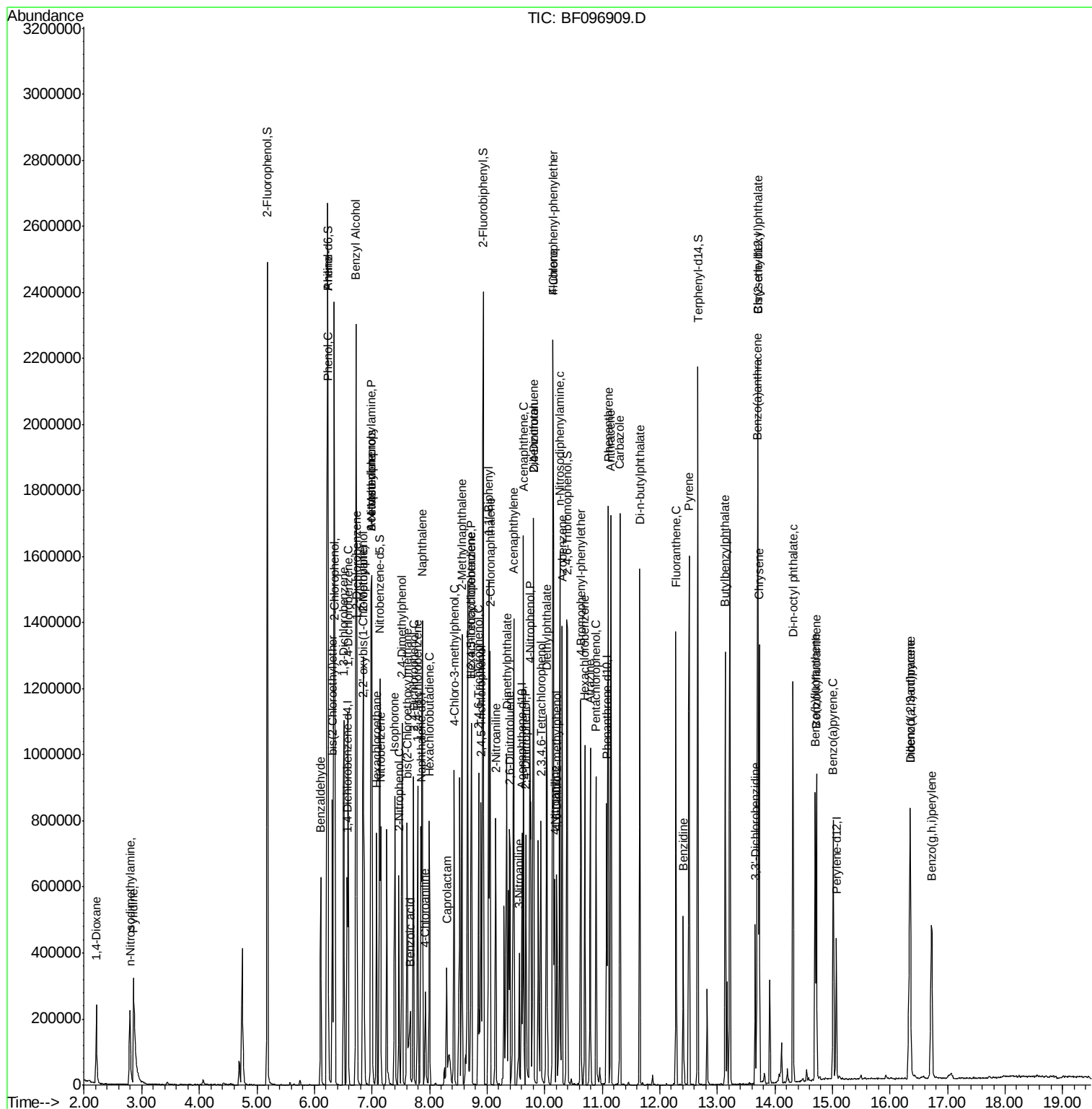
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.85	196	118823	35.24	ng	98
43) 2,4,5-Trichlorophenol	8.89	196	127676	37.54	ng	98
45) 1,1'-Biphenyl	9.03	154	518278	35.74	ng	99
46) 2-Chloronaphthalene	9.05	162	406030	38.02	ng	# 92
47) 2-Nitroaniline	9.15	65	142375	38.78	ng	92
48) Acenaphthylene	9.46	152	638470	37.52	ng	99
49) Dimethylphthalate	9.34	163	483039	37.94	ng	99
50) 2,6-Dinitrotoluene	9.40	165	105651	38.31	ng	# 89
51) Acenaphthene	9.63	154	368884	36.70	ng	98
52) 3-Nitroaniline	9.56	138	61119	18.71	ng	90
53) 2,4-Dinitrophenol	9.67	184	89375	66.67	ng	# 75
54) Dibenzofuran	9.81	168	560166	39.77	ng	98
55) 4-Nitrophenol	9.75	139	155619	65.20	ng	# 65
56) 2,4-Dinitrotoluene	9.80	165	137264	38.73	ng	# 68
57) Fluorene	10.15	166	428786	41.19	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.93	232	97943	41.53	ng	99
59) Diethylphthalate	10.03	149	473637	38.21	ng	99
60) 4-Chlorophenyl-phenylether	10.15	204	177626	39.99	ng	94
61) 4-Nitroaniline	10.17	138	123389	40.22	ng	93
62) Azobenzene	10.30	77	497820	45.52	ng	91
64) 4,6-Dinitro-2-methylphenol	10.21	198	71445	35.93	ng	90
65) n-Nitrosodiphenylamine	10.26	169	423080	37.37	ng	97
66) 4-Bromophenyl-phenylether	10.63	248	122071	37.75	ng	94
67) Hexachlorobenzene	10.70	284	129520	35.97	ng	# 91
68) Atrazine	10.80	200	116654	36.17	ng	97
69) Pentachlorophenol	10.89	266	103071	59.25	ng	100
70) Phenanthrene	11.10	178	676009	39.26	ng	99
71) Anthracene	11.16	178	725479	41.67	ng	98
72) Carbazole	11.31	167	684272	40.59	ng	100
73) Di-n-butylphthalate	11.65	149	823394	39.21	ng	99
74) Fluoranthene	12.29	202	612938	37.19	ng	96
76) Benzidine	12.40	184	180669	28.81	ng	# 93
77) Pyrene	12.51	202	631025	36.32	ng	98
79) Butylbenzylphthalate	13.14	149	302073	36.59	ng	# 81
80) Benzo(a)anthracene	13.69	228	474857	39.81	ng	100
81) 3,3'-Dichlorobenzidine	13.66	252	94280	21.98	ng	# 96
82) Chrysene	13.73	228	454959	38.75	ng	99
83) Bis(2-ethylhexyl)phthalate	13.71	149	358779	35.69	ng	# 99
84) Di-n-octyl phthalate	14.32	149	593920	35.74	ng	96
85) Indeno(1,2,3-cd)pyrene	16.34	276	383523	35.67	ng	99
87) Benzo(b)fluoranthene	14.70	252	382314	39.55	ng	98
88) Benzo(k)fluoranthene	14.72	252	354735	38.75	ng	98
89) Benzo(a)pyrene	15.02	252	352590	39.77	ng	99
90) Dibenzo(a,h)anthracene	16.36	278	315555	38.68	ng	99
91) Benzo(g,h,i)perylene	16.72	276	337201	38.60	ng	97

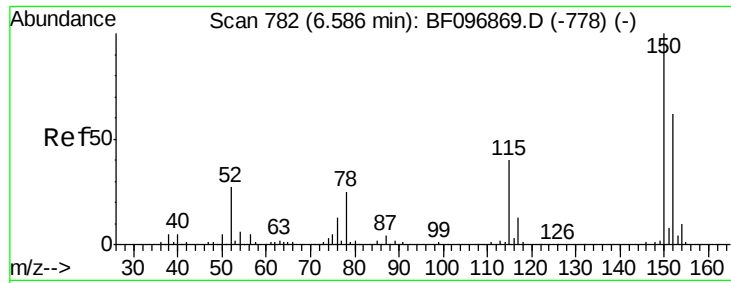
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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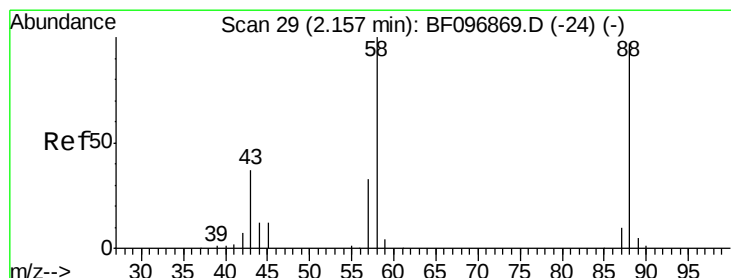
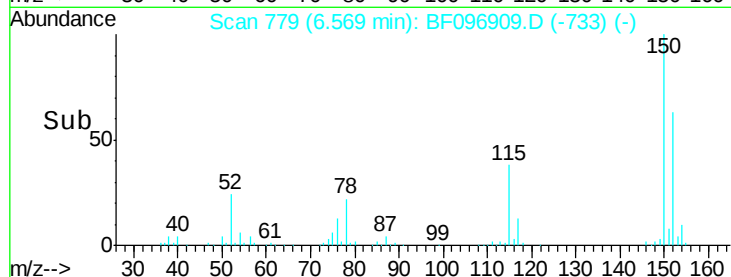
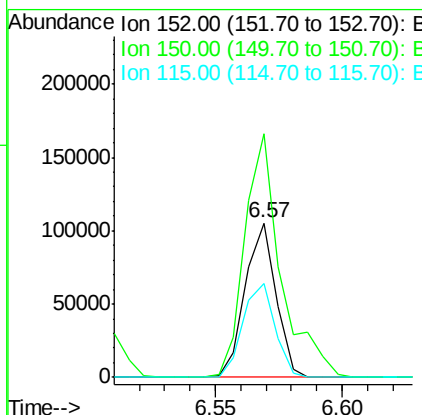
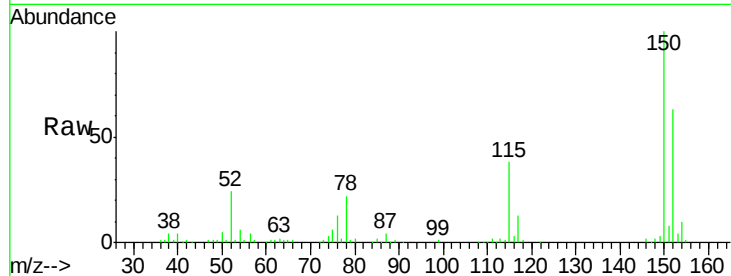




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.57 min Scan# 779
 Delta R.T. -0.03 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

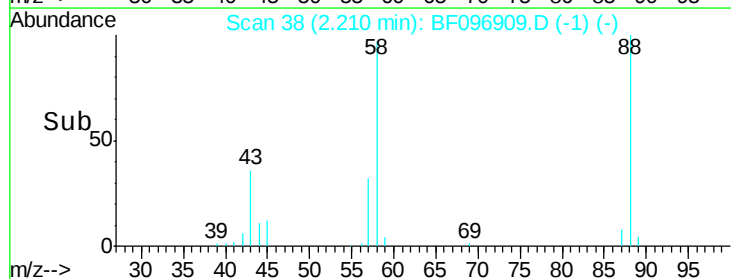
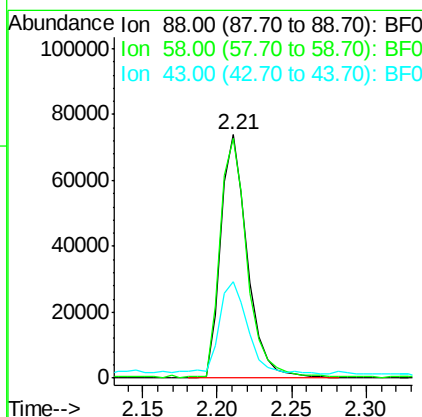
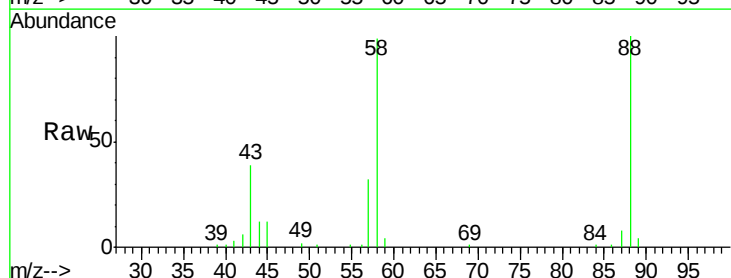
Instrument :
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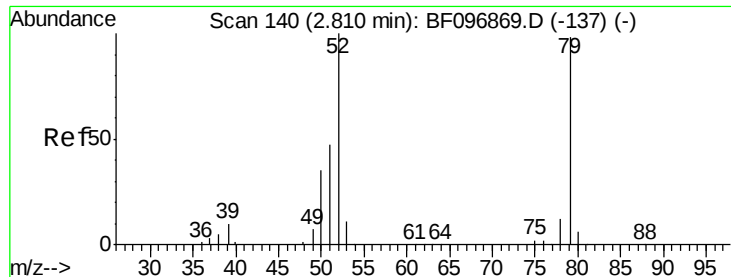
Tgt Ion:152 Resp: 89182
 Ion Ratio Lower Upper
 152 100
 150 157.7 126.2 189.2
 115 60.7 52.2 78.2



#2
 1,4-Dioxane
 Concen: 30.53 ng
 RT: 2.21 min Scan# 38
 Delta R.T. 0.02 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

Tgt Ion: 88 Resp: 93162
 Ion Ratio Lower Upper
 88 100
 58 102.0 61.4 92.0#
 43 41.0 23.4 35.0#





#3

Pyridine

Concen: 34.11 ng

RT: 2.85 min Scan# 147

Delta R.T. 0.01 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

Instrument :

BNA_F

ClientSampleId :

PB100793BS

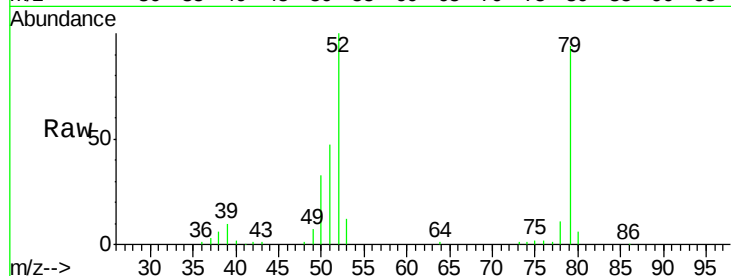
Tgt Ion: 79 Resp: 218765

Ion Ratio Lower Upper

79 100

52 106.1 54.8 82.2#

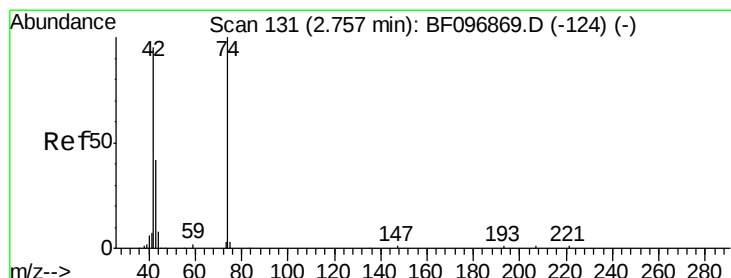
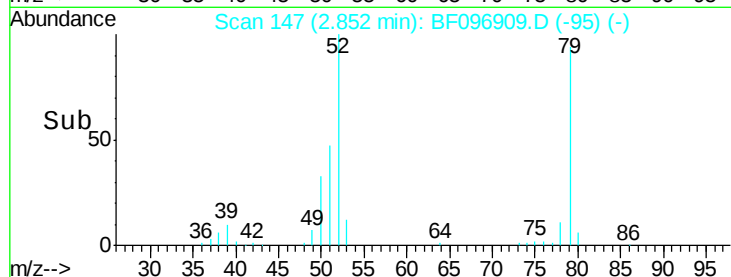
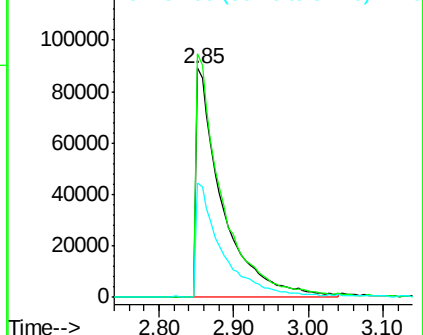
51 49.6 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.58 ng

RT: 2.80 min Scan# 138

Delta R.T. 0.00 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

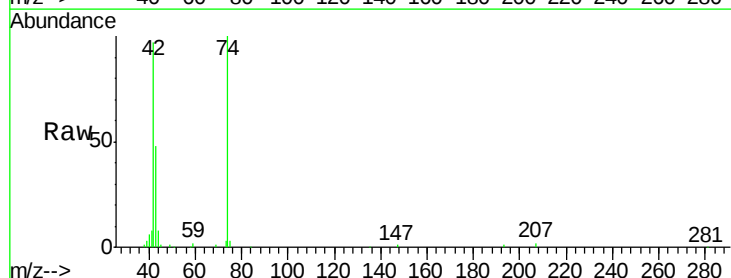
Tgt Ion: 42 Resp: 134786

Ion Ratio Lower Upper

42 100

74 102.9 103.9 155.9#

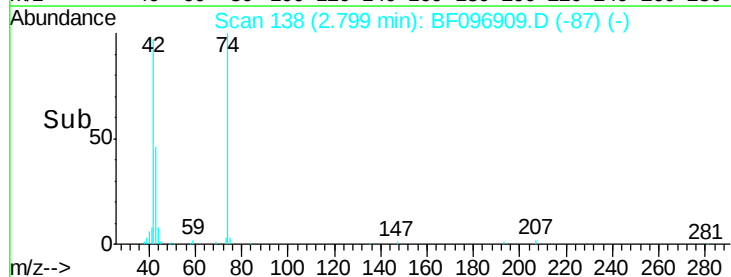
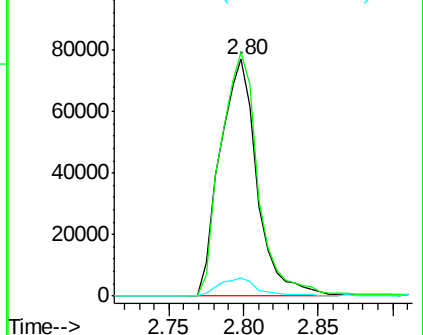
44 8.0 5.7 8.5

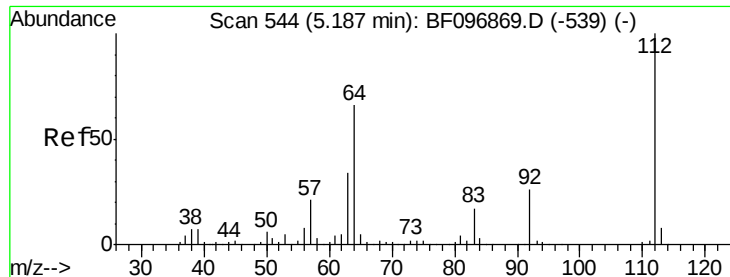


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 126.32 ng

RT: 5.18 min Scan# 543

Delta R.T. -0.02 min

Lab File: BF096909.D

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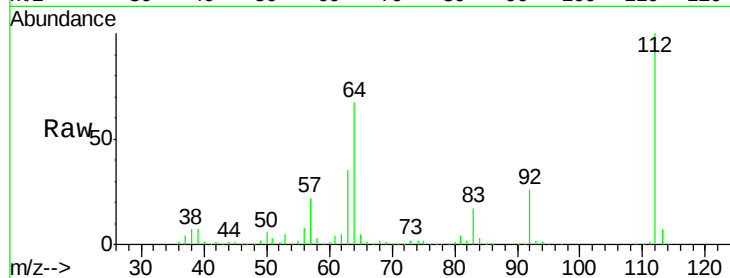
Tgt Ion: 112 Resp: 749229

Ion Ratio Lower Upper

112 100

64 66.8 46.0 69.0

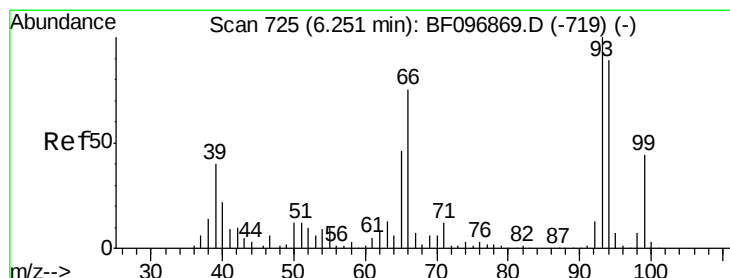
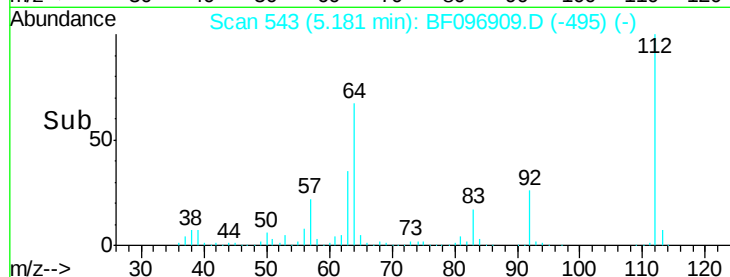
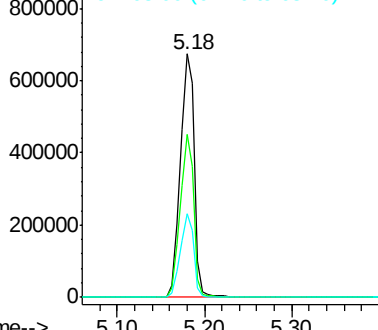
63 34.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.87 ng

RT: 6.23 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

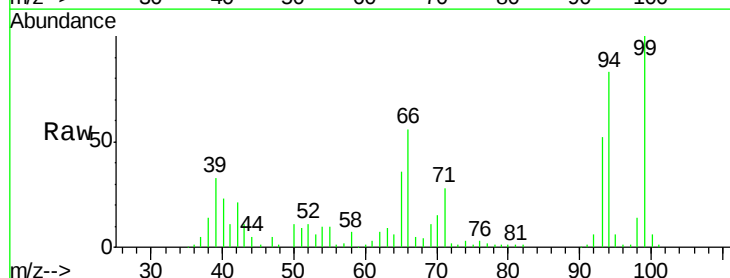
Tgt Ion: 93 Resp: 191770

Ion Ratio Lower Upper

93 100

66 107.0 32.9 49.3#

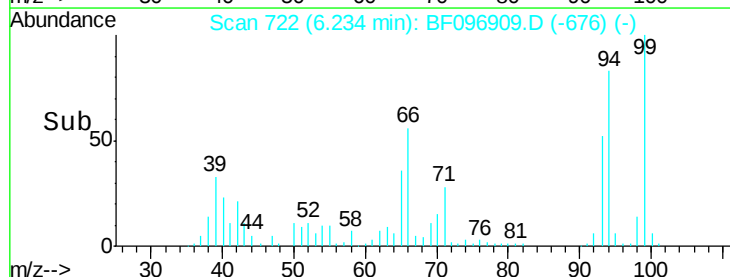
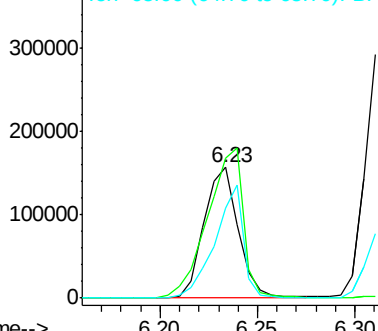
65 69.0 16.0 24.0#

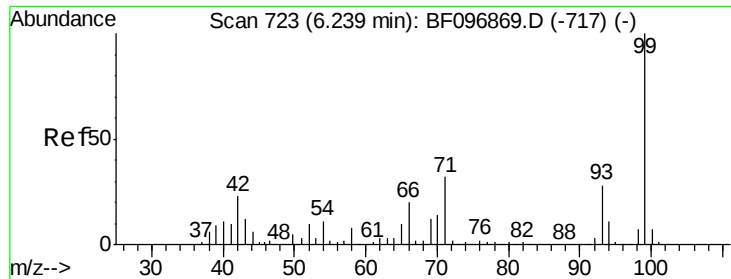


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.88 ng

RT: 6.23 min Scan# 721

Delta R.T. -0.02 min

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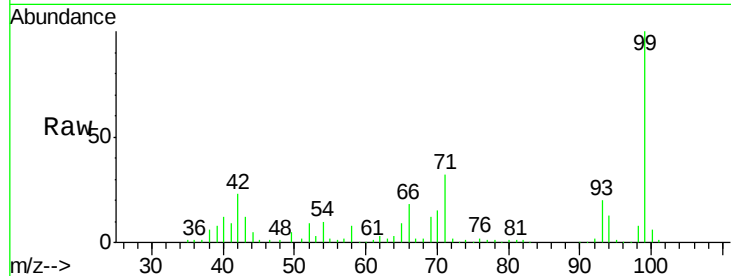
Tgt Ion: 99 Resp: 895967

Ion Ratio Lower Upper

99 100

42 23.3 13.5 20.3#

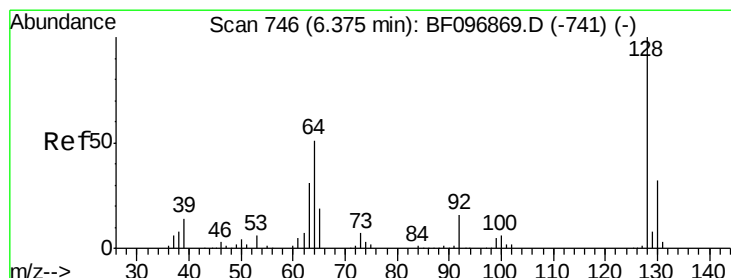
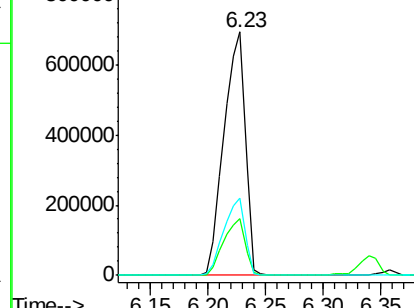
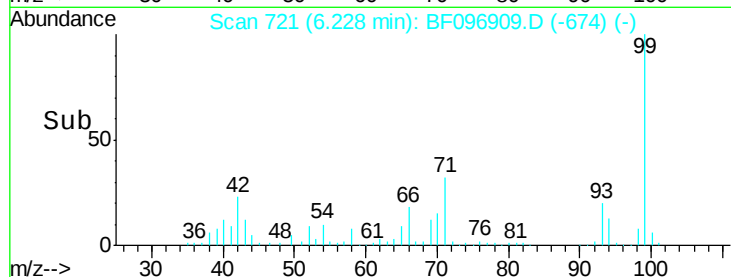
71 31.7 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.86 ng

RT: 6.36 min Scan# 743

Delta R.T. -0.03 min

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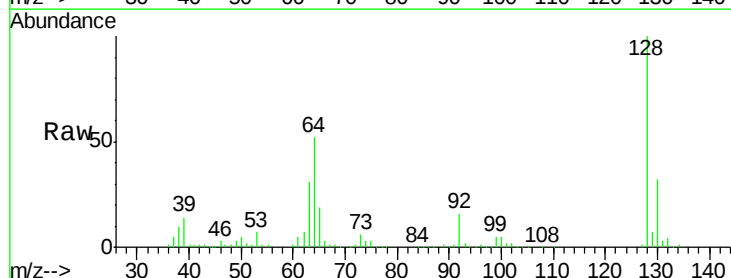
Tgt Ion: 128 Resp: 267825

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

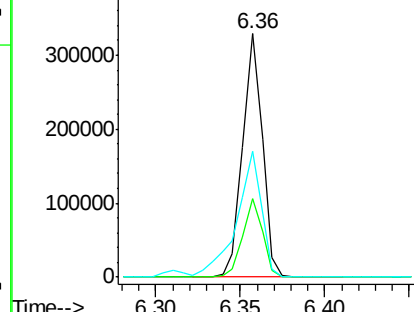
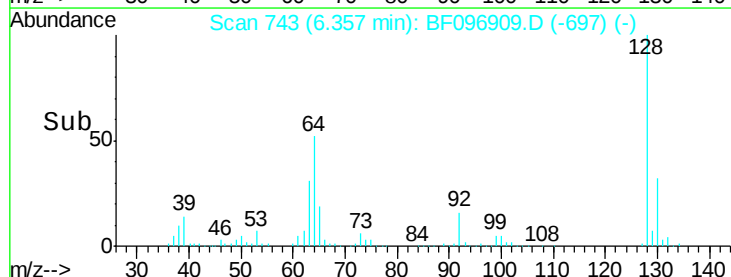
64 51.6 28.4 68.4

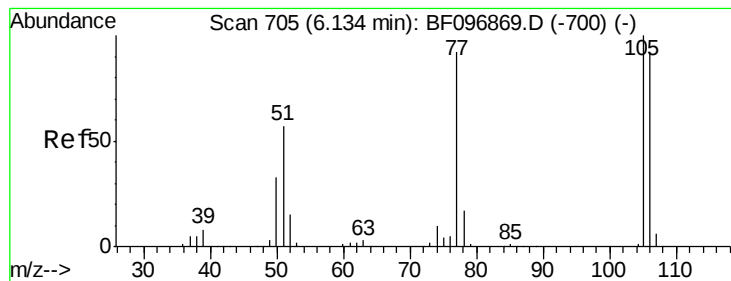


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.94 ng

RT: 6.11 min Scan# 701

Delta R.T. -0.04 min

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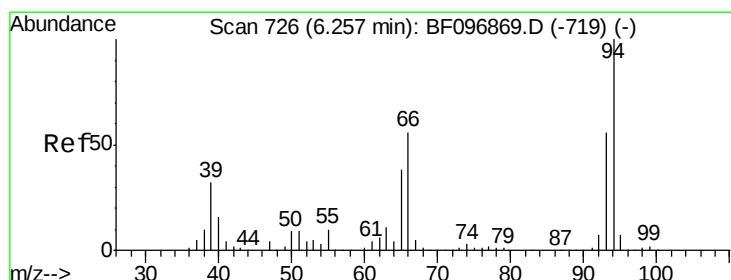
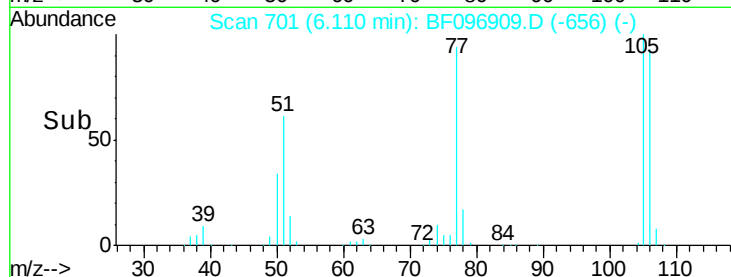
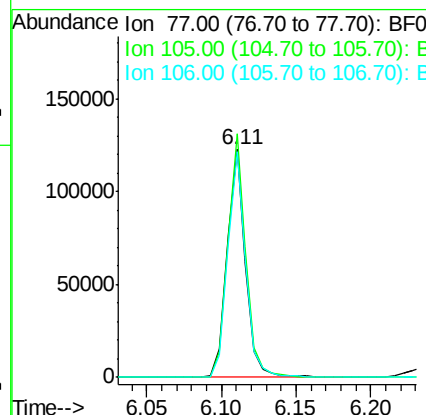
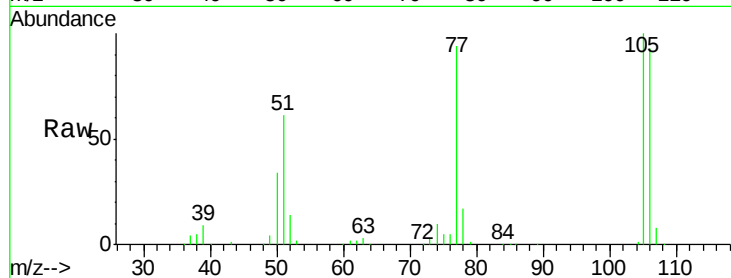
Tgt Ion: 77 Resp: 106705

Ion Ratio Lower Upper

77 100

105 106.9 83.8 123.8

106 99.3 79.1 119.1



#10

Phenol

Concen: 40.08 ng

RT: 6.24 min Scan# 723

Delta R.T. -0.03 min

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Acq: 20 Jul 2017 16:50

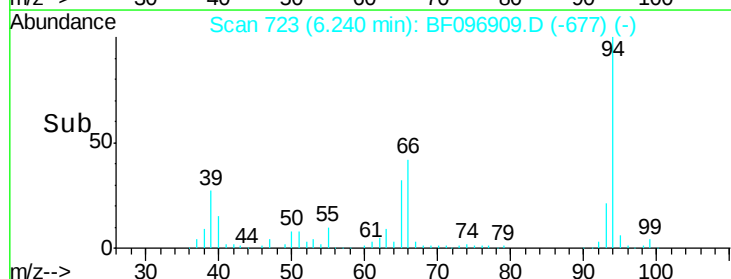
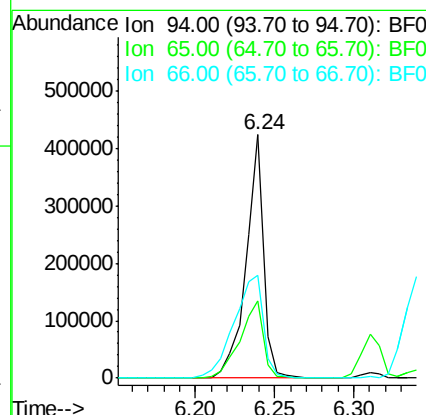
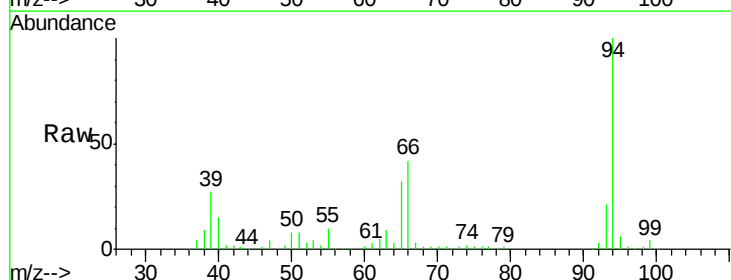
Tgt Ion: 94 Resp: 322484

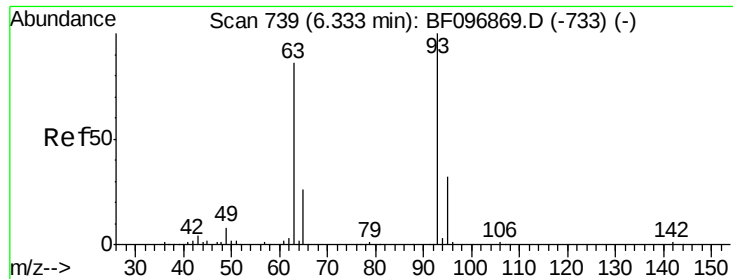
Ion Ratio Lower Upper

94 100

65 31.9 9.9 49.9

66 42.5 23.1 63.1

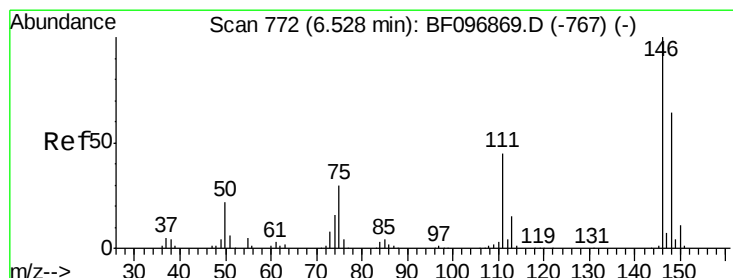
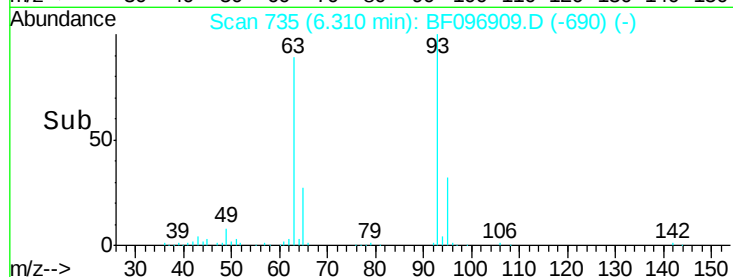
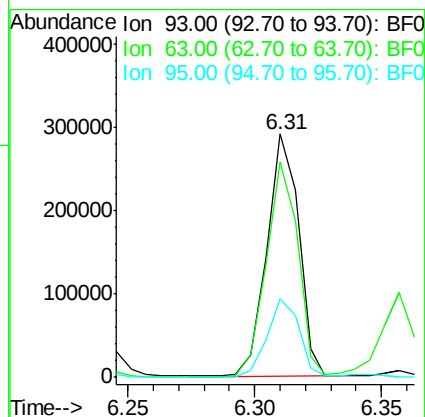
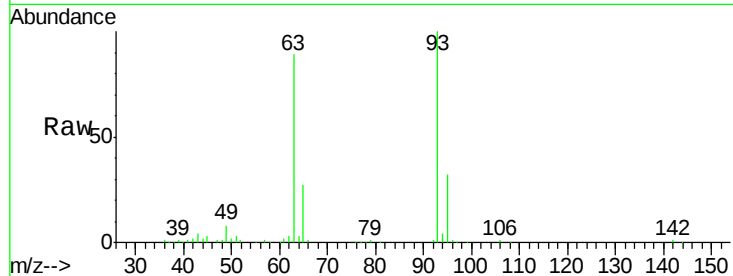




#11
bis(2-Chloroethyl)ether
Concen: 42.07 ng
RT: 6.31 min Scan# 735
Delta R.T. -0.04 min
Lab File: BF096909.D
Acq: 20 Jul 2017 16:50

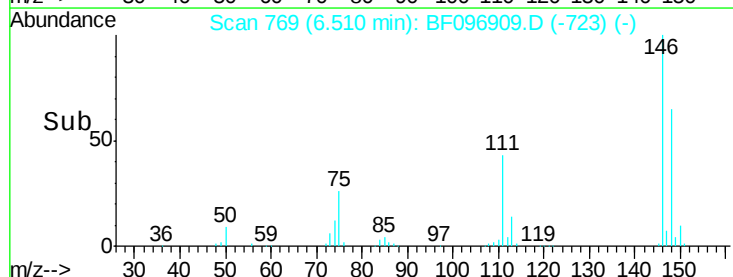
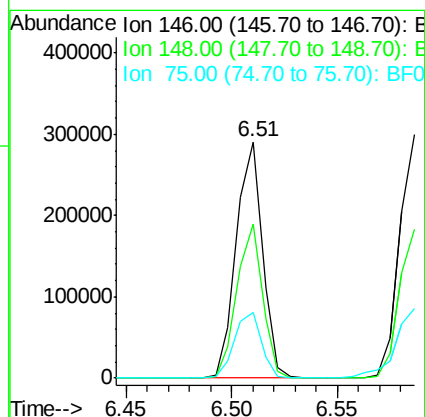
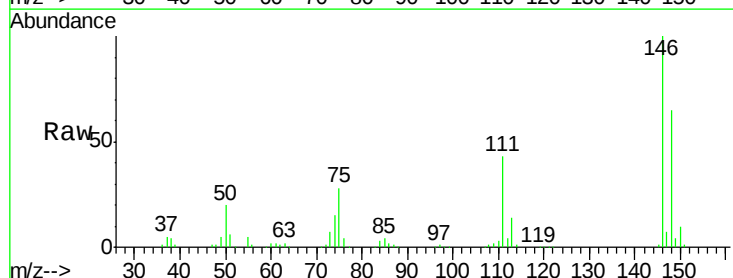
Instrument :
BNA_F
ClientSampleId :
PB100793BS

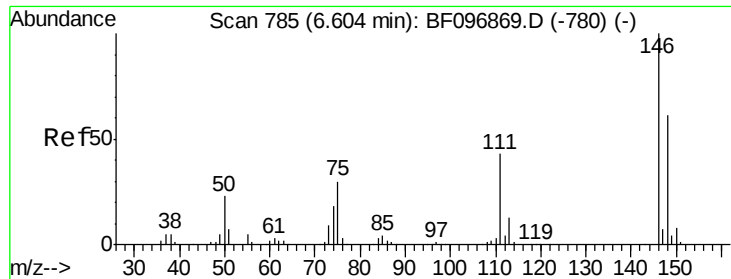
Tgt Ion: 93 Resp: 254548
Ion Ratio Lower Upper
93 100
63 88.7 59.2 99.2
95 32.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 36.56 ng
RT: 6.51 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF096909.D
Acq: 20 Jul 2017 16:50

Tgt Ion: 146 Resp: 248702
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.6
75 27.6 23.1 34.7

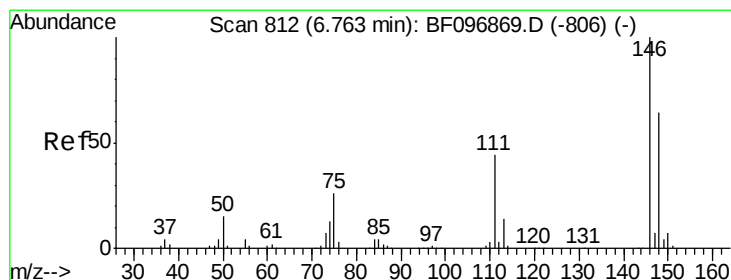
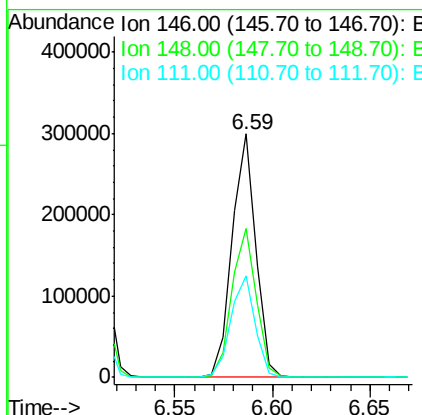
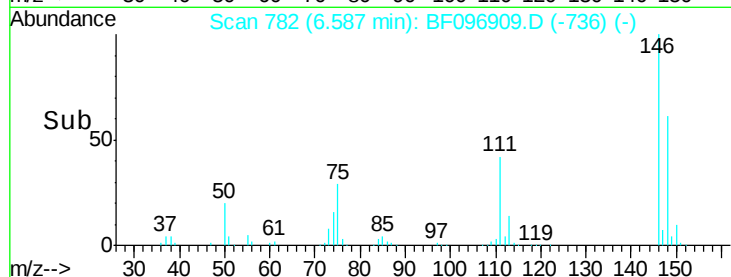
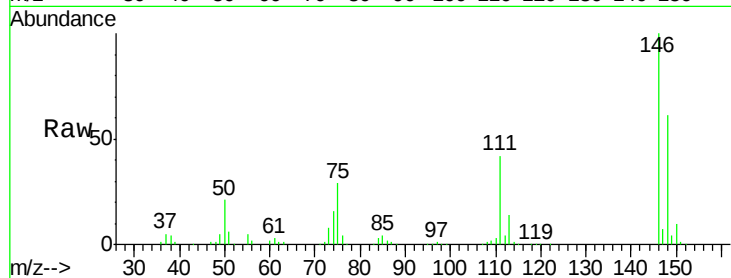




#13
 1,4-Dichlorobenzene
 Concen: 36.63 ng
 RT: 6.59 min Scan# 782
 Delta R.T. -0.03 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

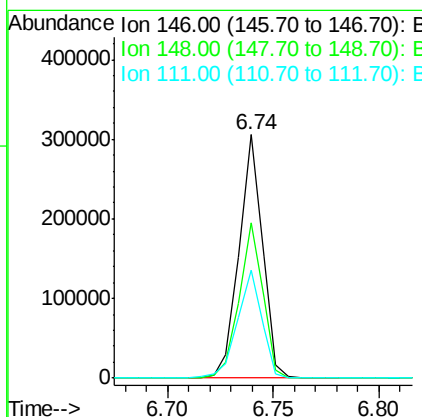
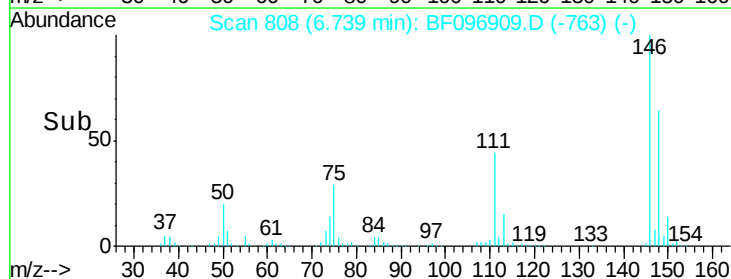
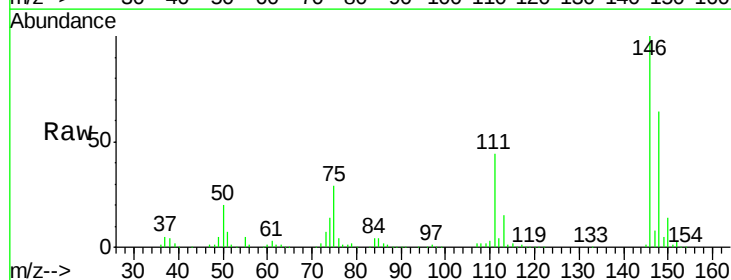
Instrument :
 BNA_F
 ClientSampleId :
 PB100793BS

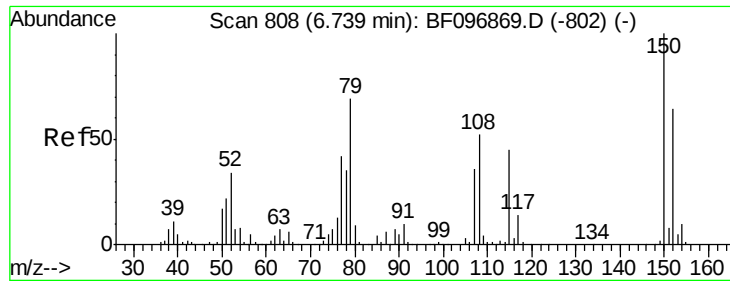
Tgt Ion:146 Resp: 252310
 Ion Ratio Lower Upper
 146 100
 148 61.2 52.2 78.2
 111 41.8 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 37.29 ng
 RT: 6.74 min Scan# 808
 Delta R.T. -0.04 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

Tgt Ion:146 Resp: 233605
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.4 75.6
 111 44.3 38.2 57.4





#15

Benzyl Alcohol

Concen: 38.77 ng

RT: 6.72 min Scan# 805

Delta R.T. -0.03 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

Instrument :

BNA_F

ClientSampleId :

PB100793BS

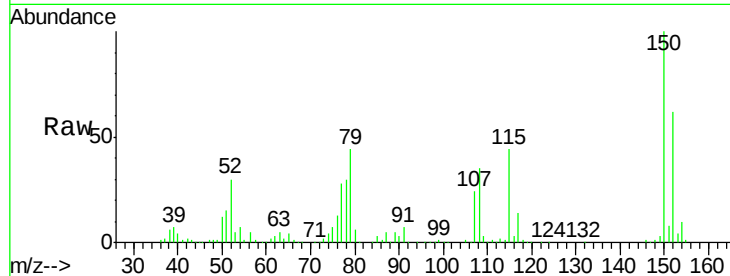
Tgt Ion: 79 Resp: 180687

Ion Ratio Lower Upper

79 100

108 77.7 63.4 95.0

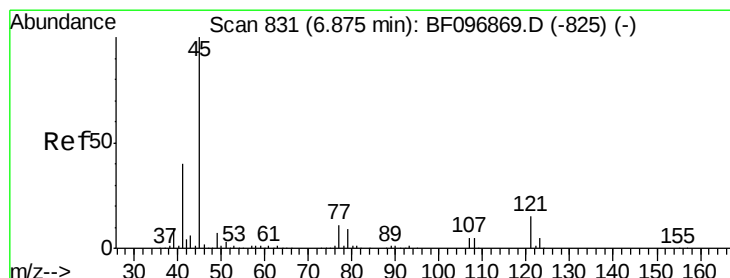
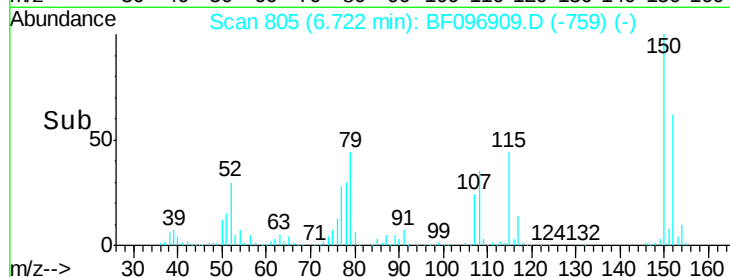
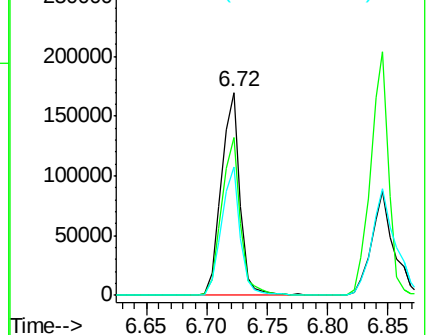
77 63.1 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.55 ng

RT: 6.86 min Scan# 828

Delta R.T. -0.03 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

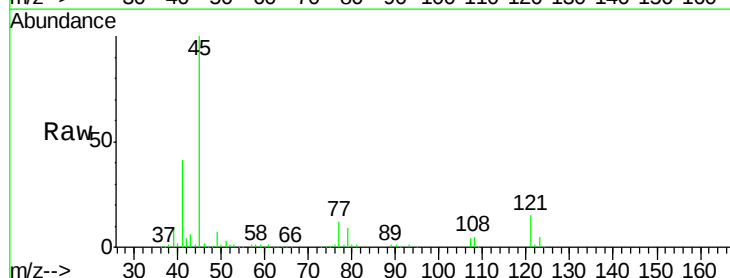
Tgt Ion: 45 Resp: 443927

Ion Ratio Lower Upper

45 100

77 11.9 0.0 33.2

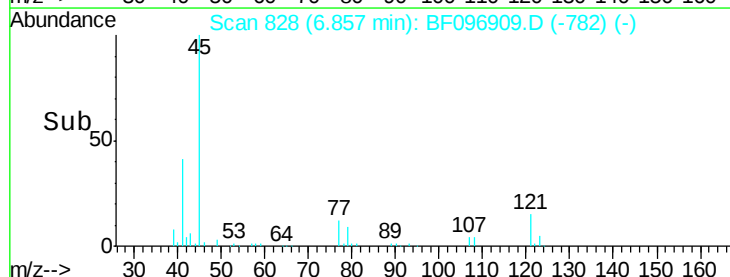
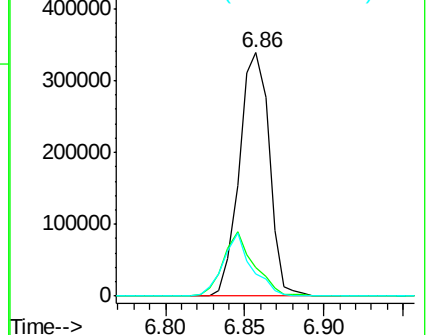
79 9.0 0.0 30.0

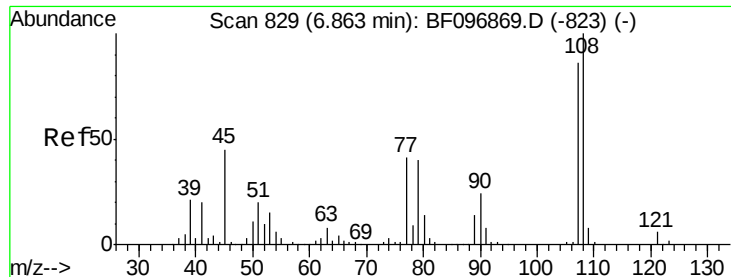


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

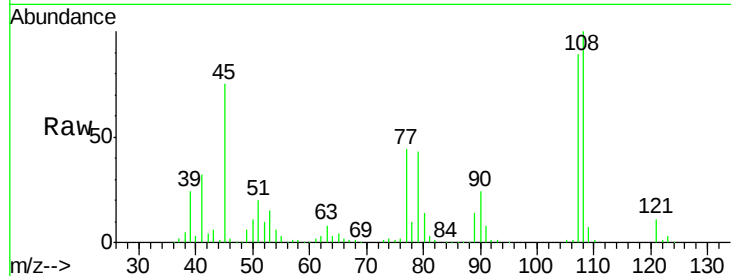




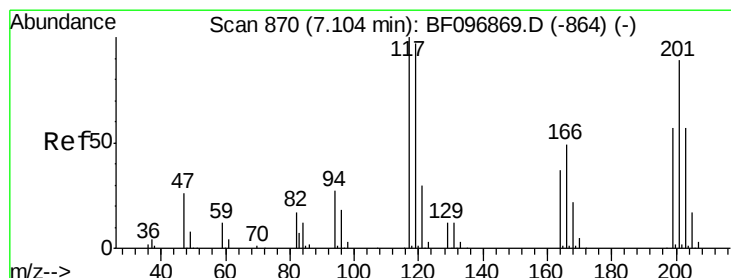
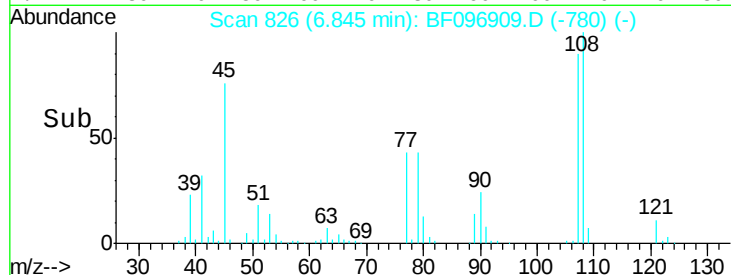
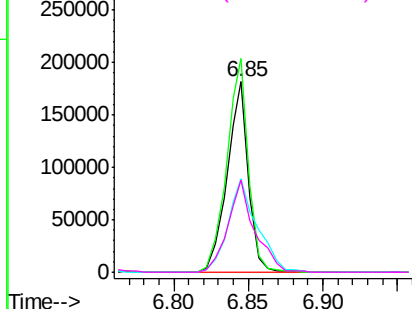
#17
2-Methylphenol
Concen: 36.92 ng
RT: 6.85 min Scan# 826
Delta R.T. -0.03 min
Lab File: BF096909.D
Acq: 20 Jul 2017 16:50

Instrument :
BNA_F
ClientSampleId :
PB100793BS

Tgt Ion:107 Resp: 183715
Ion Ratio Lower Upper
107 100
108 112.0 93.4 140.0
77 48.9 35.8 53.6
79 48.1 34.8 52.2

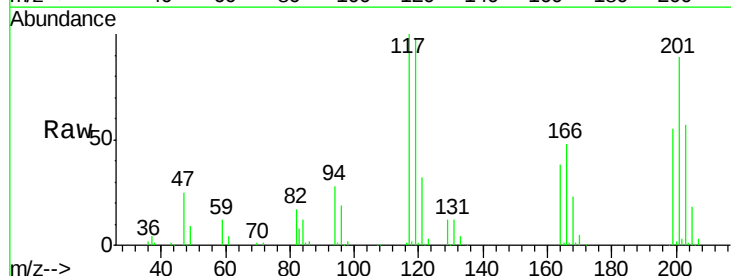


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

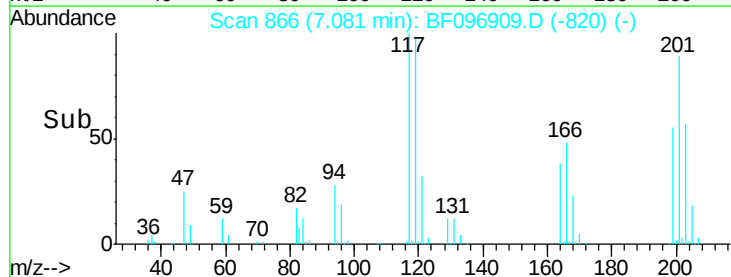
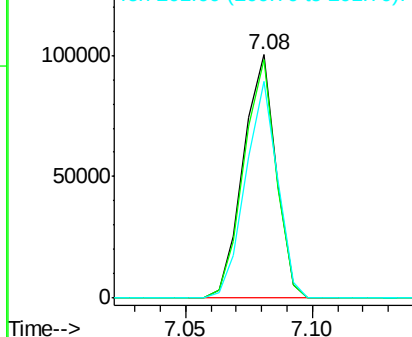


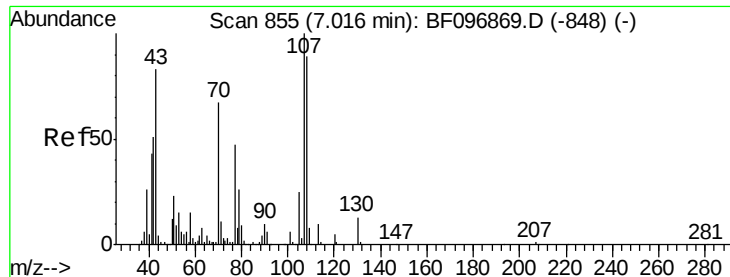
#18
Hexachloroethane
Concen: 36.97 ng
RT: 7.08 min Scan# 866
Delta R.T. -0.03 min
Lab File: BF096909.D
Acq: 20 Jul 2017 16:50

Tgt Ion:117 Resp: 90290
Ion Ratio Lower Upper
117 100
119 98.2 77.4 116.0
201 89.0 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

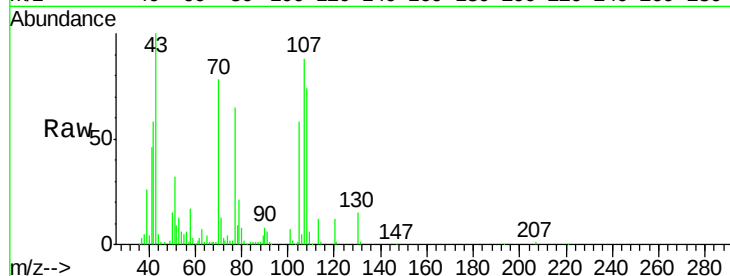




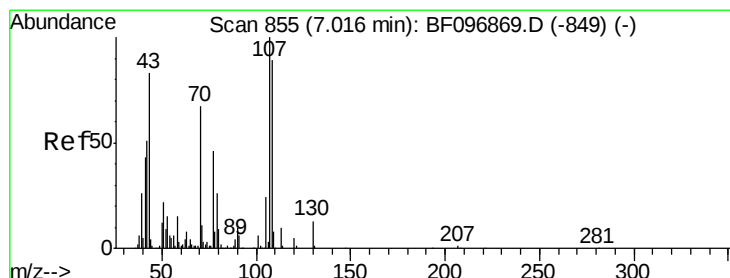
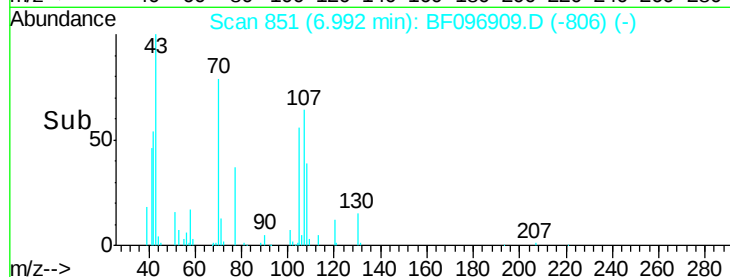
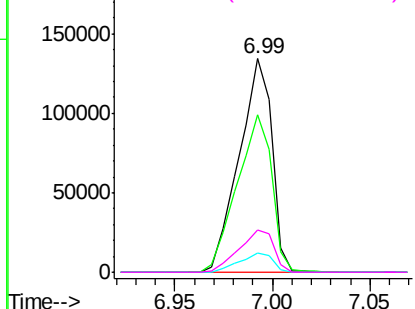
#19
n-Nitroso-di-n-propylamine
Concen: 36.56 ng
RT: 6.99 min Scan# 851
Delta R.T. -0.04 min
Lab File: BF096909.D
Acq: 20 Jul 2017 16:50

Instrument :
BNA_F
ClientSampleId :
PB100793BS

Tgt Ion:	70	Resp:	156795
Ion	Ratio	Lower	Upper
70	100		
42	73.6	47.2	70.8#
101	9.1	7.2	10.8
130	19.6	15.9	23.9

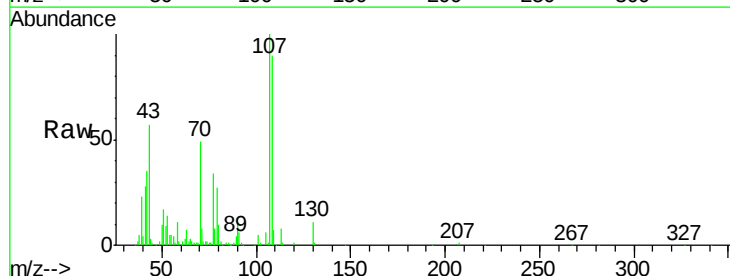


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

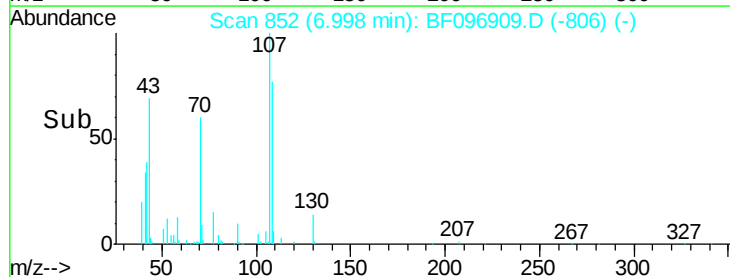
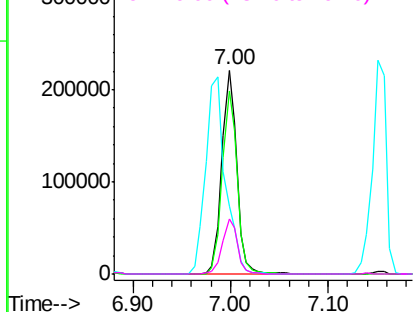


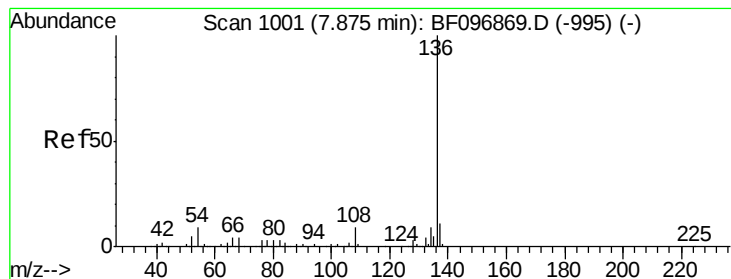
#20
3+4-Methylphenols
Concen: 39.16 ng
RT: 7.00 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF096909.D
Acq: 20 Jul 2017 16:50

Tgt Ion:	107	Resp:	236469
Ion	Ratio	Lower	Upper
107	100		
108	90.1	71.0	111.0
77	33.5	90.5	130.5#
79	27.1	8.4	48.4



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 997

Delta R.T. -0.04 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

Instrument :

BNA_F

ClientSampleId :

PB100793BS

Tgt Ion:136 Resp: 374919

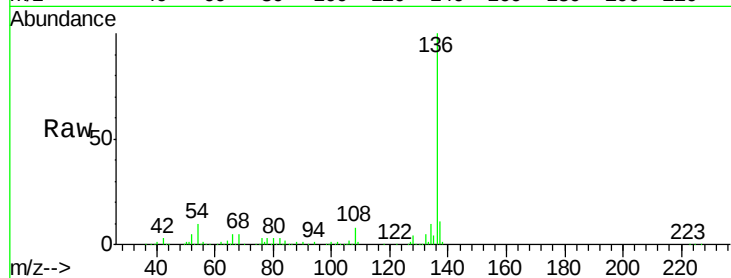
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 10.2 4.9 7.3#

68 4.6 4.1 6.1

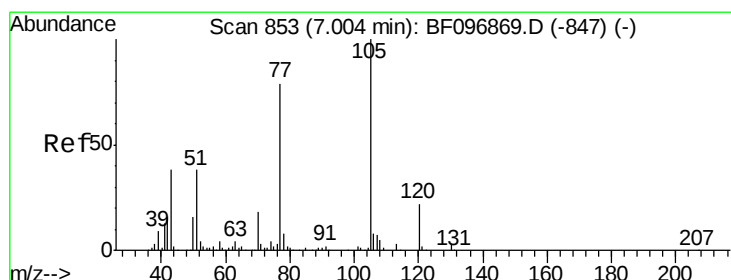
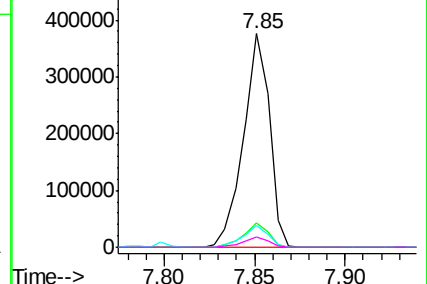
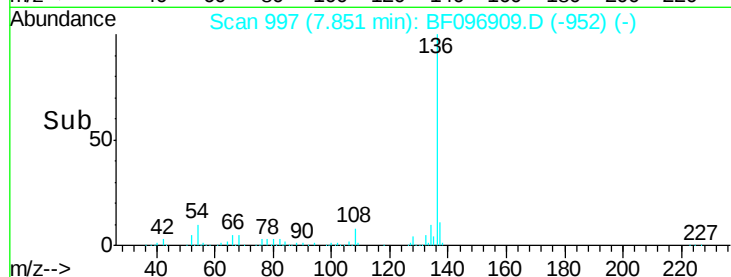


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.35 ng

RT: 6.99 min Scan# 850

Delta R.T. -0.03 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

Tgt Ion:105 Resp: 312967

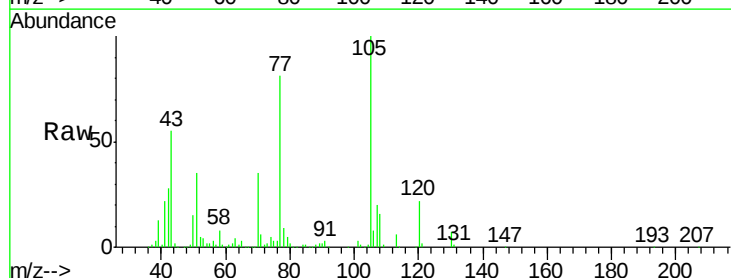
Ion Ratio Lower Upper

105 100

71 6.0 2.8 4.2#

51 35.5 30.7 46.1

120 22.5 17.4 26.0

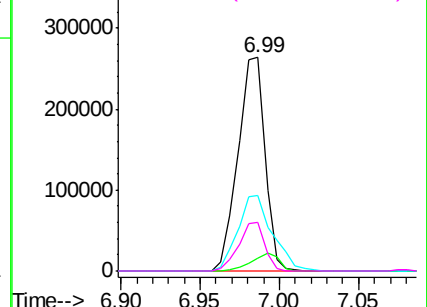
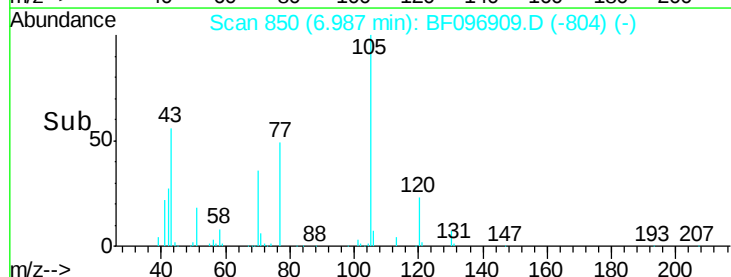


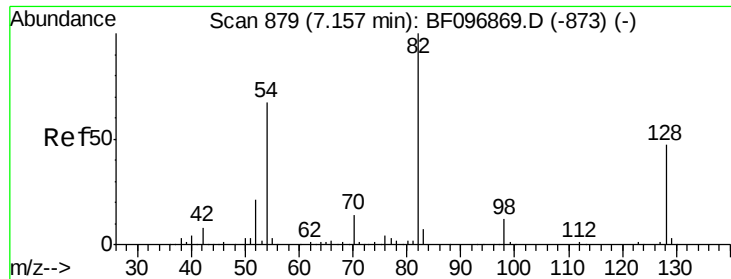
Abundance Ion 105.00 (104.70 to 105.70): E

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

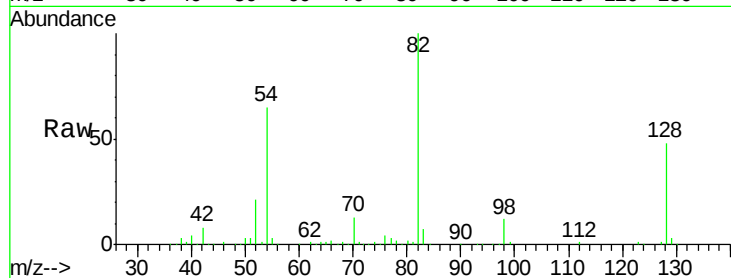




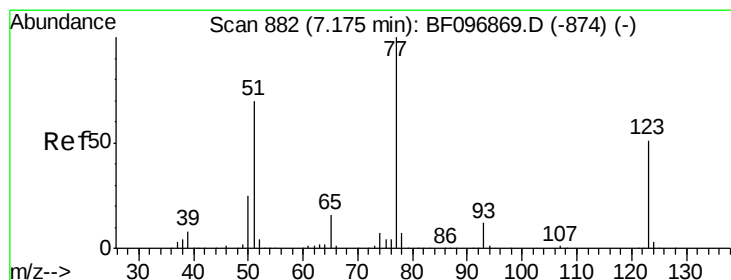
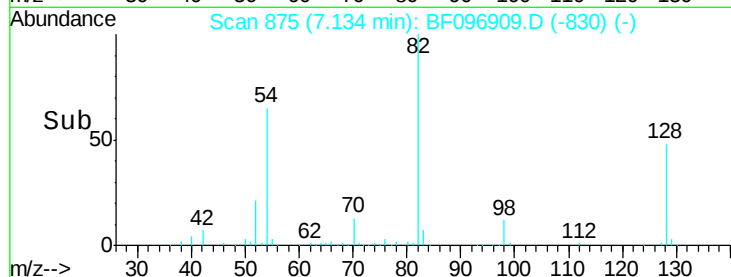
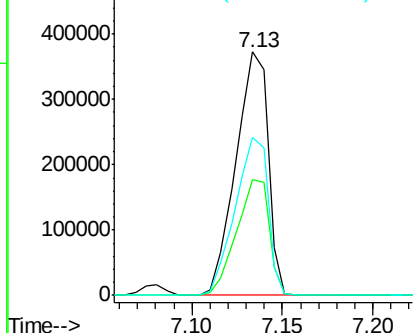
#23
 Nitrobenzene-d5
 Concen: 76.35 ng
 RT: 7.13 min Scan# 875
 Delta R.T. -0.04 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :
 PB100793BS

Tgt Ion: 82 Resp: 462127
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.0 51.0
 54 65.1 42.2 63.2#

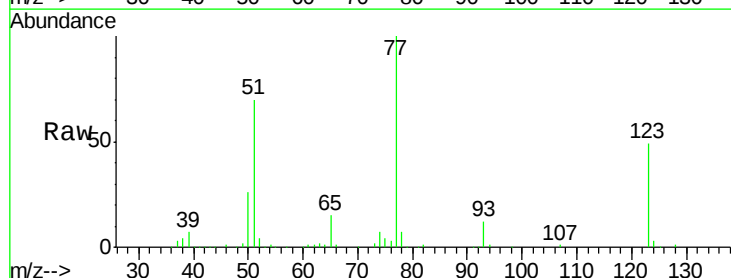


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

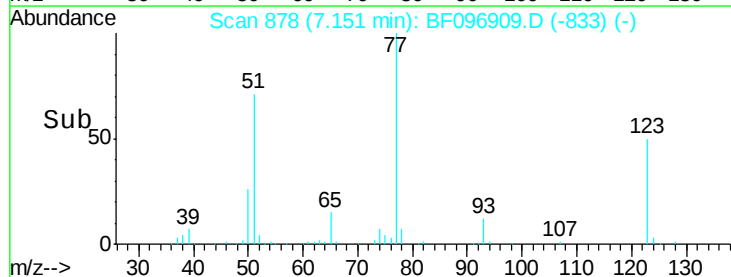
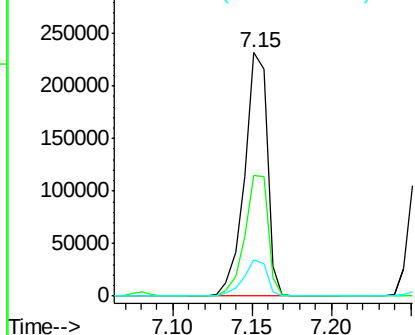


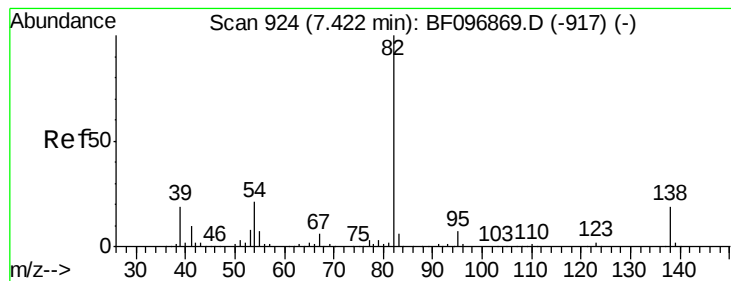
#24
 Nitrobenzene
 Concen: 36.66 ng
 RT: 7.15 min Scan# 878
 Delta R.T. -0.04 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

Tgt Ion: 77 Resp: 229499
 Ion Ratio Lower Upper
 77 100
 123 49.4 35.8 53.8
 65 14.6 10.6 15.8



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





#25

Isophorone

Concen: 36.23 ng

RT: 7.40 min Scan# 920

Delta R.T. -0.04 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

Instrument :

BNA_F

ClientSampleId :

PB100793BS

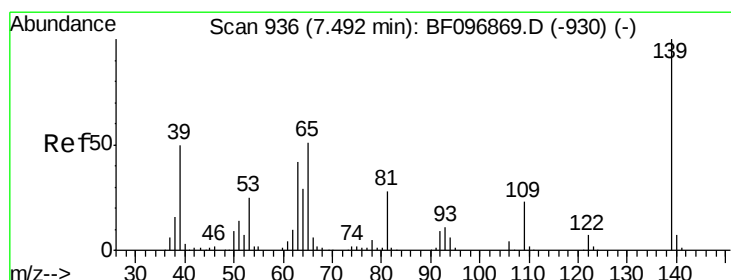
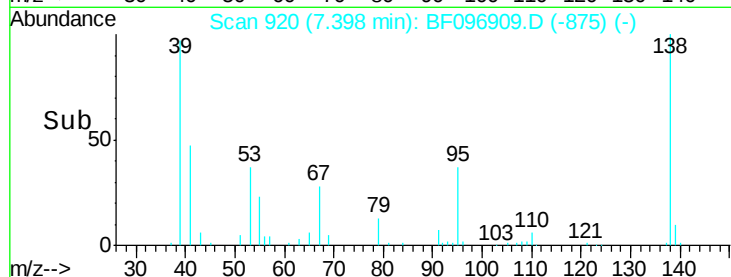
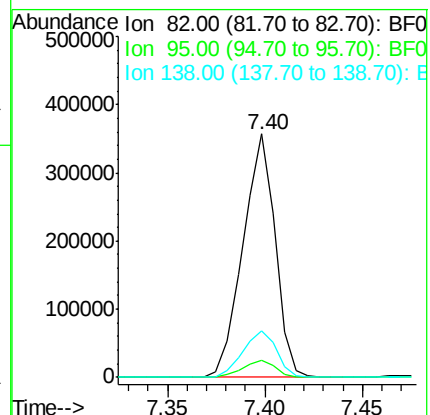
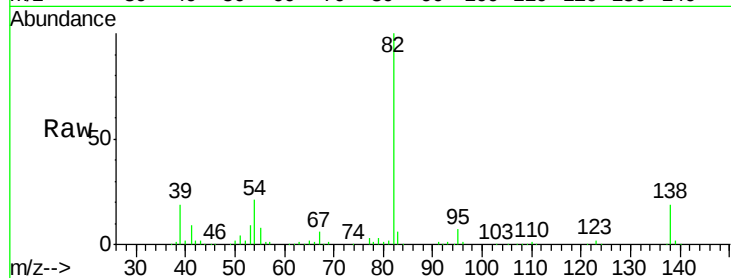
Tgt Ion: 82 Resp: 407949

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 19.3 13.1 19.7



#26

2-Nitrophenol

Concen: 37.22 ng

RT: 7.47 min Scan# 933

Delta R.T. -0.03 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

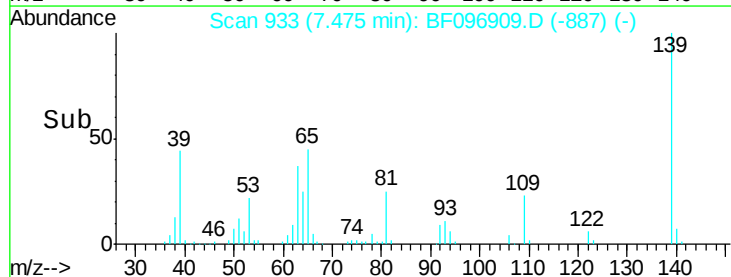
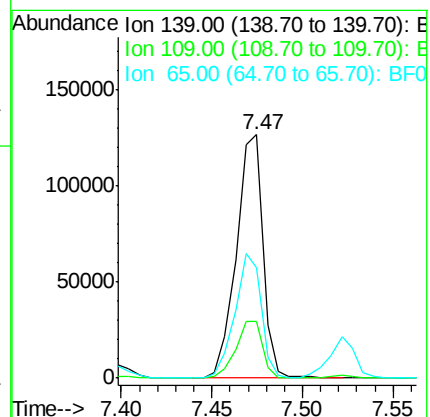
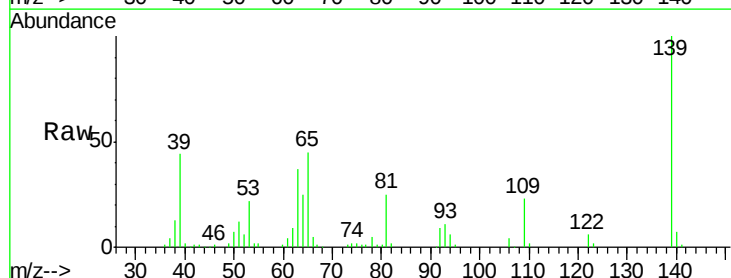
Tgt Ion: 139 Resp: 129564

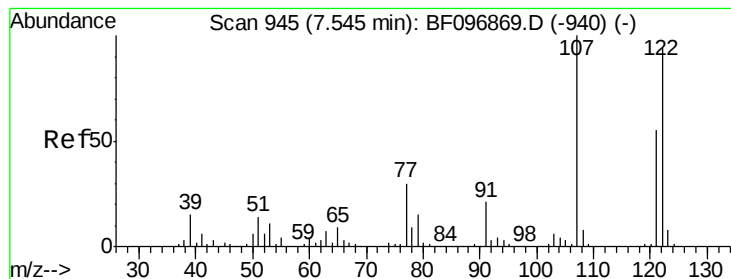
Ion Ratio Lower Upper

139 100

109 23.5 21.0 31.6

65 45.4 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 37.04 ng

RT: 7.52 min Scan# 941

Delta R.T. -0.04 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

Instrument :

BNA_F

ClientSampleId :

PB100793BS

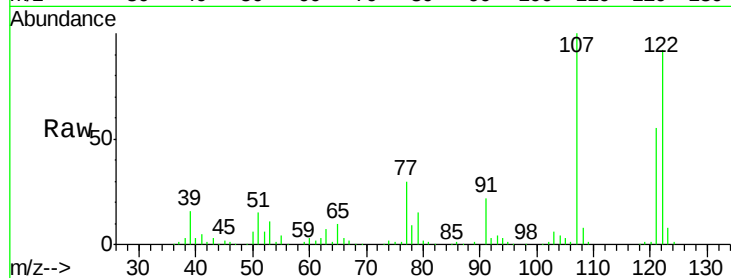
Tgt Ion:122 Resp: 212090

Ion Ratio Lower Upper

122 100

107 108.6 89.2 133.8

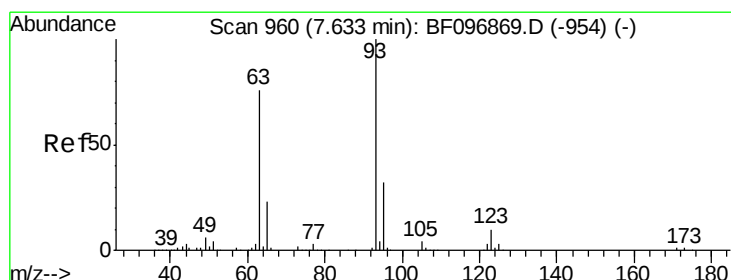
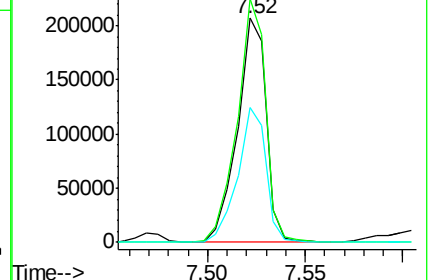
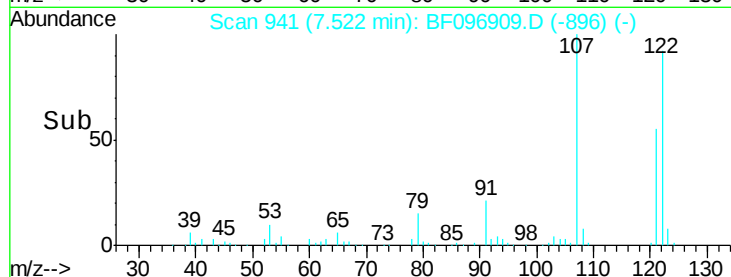
121 60.1 45.2 67.8



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: 36.89 ng

RT: 7.61 min Scan# 956

Delta R.T. -0.04 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

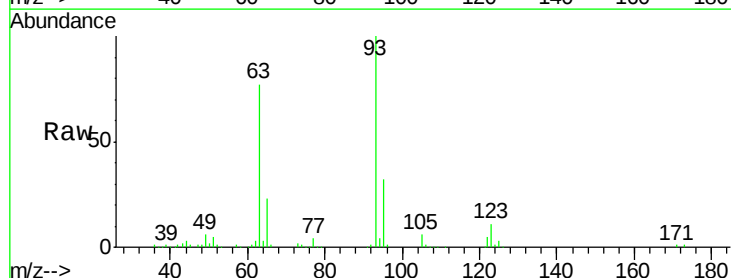
Tgt Ion: 93 Resp: 280691

Ion Ratio Lower Upper

93 100

95 32.0 26.5 39.7

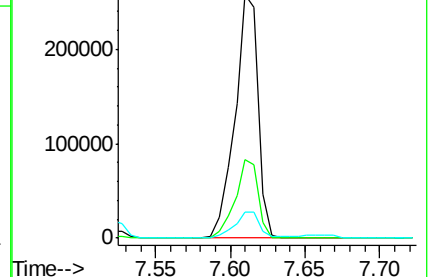
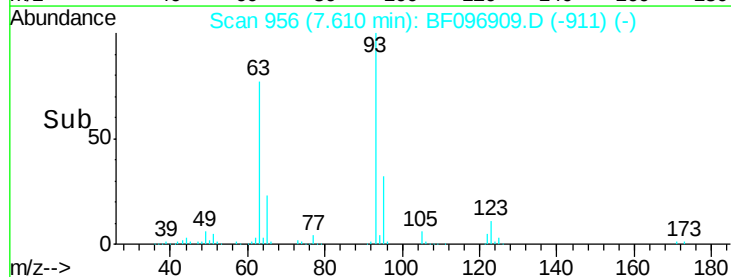
123 10.7 9.0 13.4

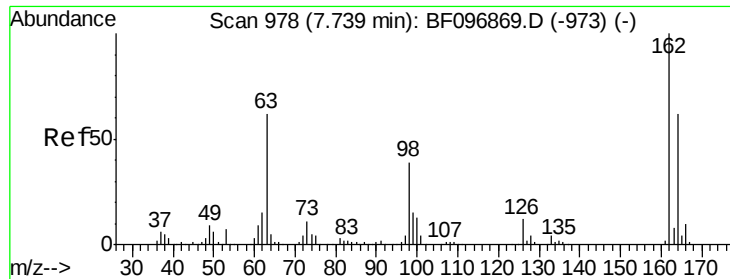


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

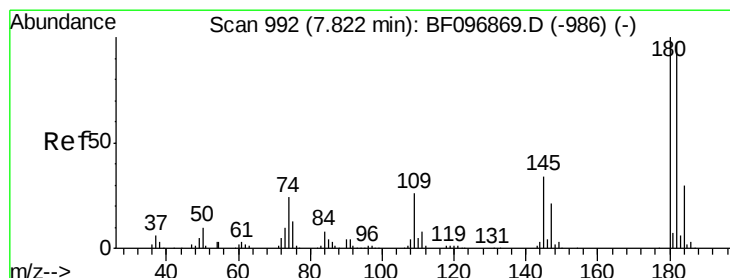
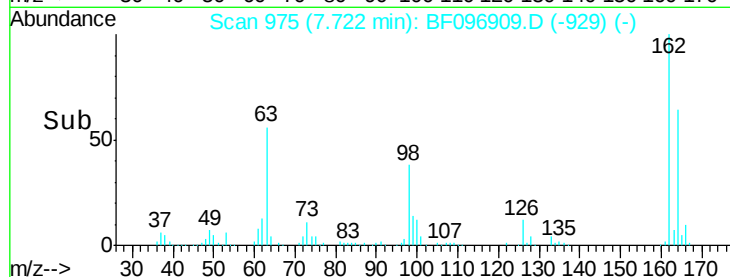
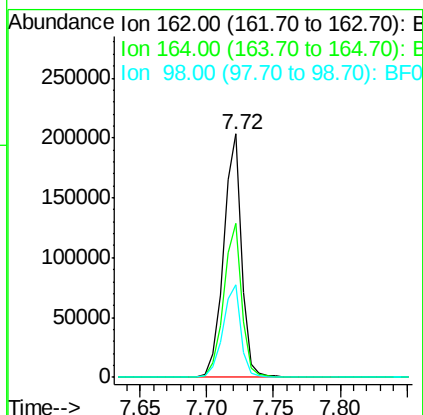
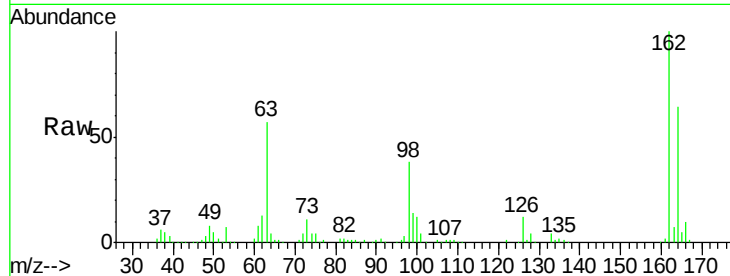




#29
2,4-Dichlorophenol
Concen: 37.56 ng
RT: 7.72 min Scan# 975
Delta R.T. -0.03 min
Lab File: BF096909.D
Acq: 20 Jul 2017 16:50

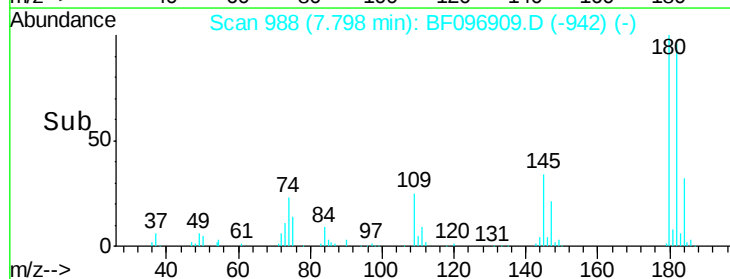
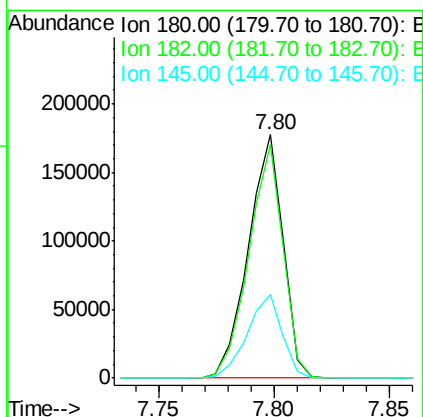
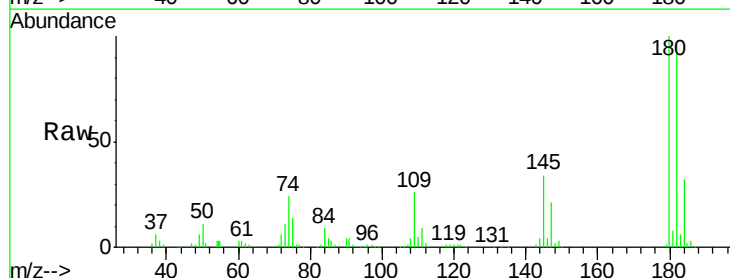
Instrument :
BNA_F
ClientSampleId :
PB100793BS

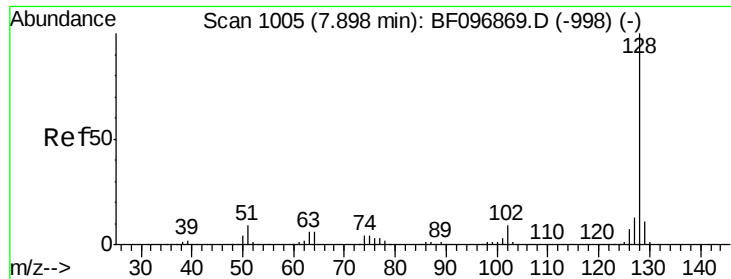
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.6	84.6
98	38.2	14.8	54.8



#30
1,2,4-Trichlorobenzene
Concen: 37.84 ng
RT: 7.80 min Scan# 988
Delta R.T. -0.03 min
Lab File: BF096909.D
Acq: 20 Jul 2017 16:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.8	113.6
145	34.4	25.3	37.9

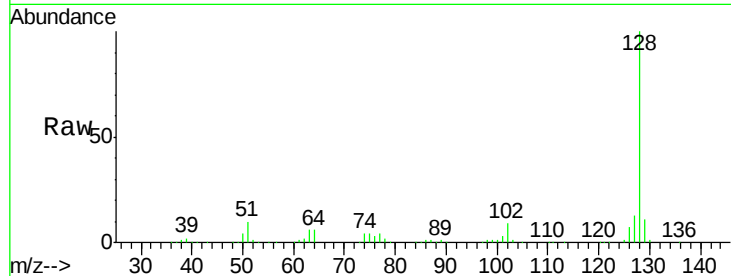




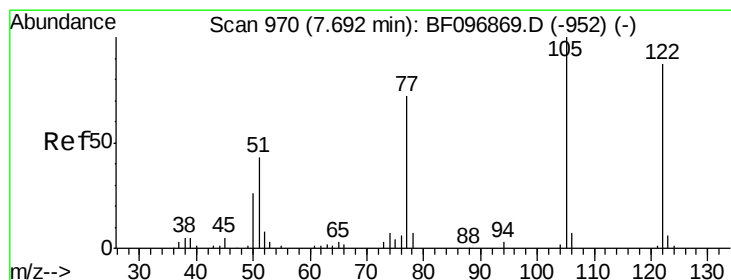
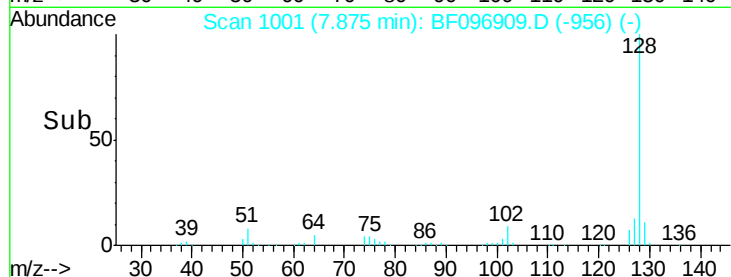
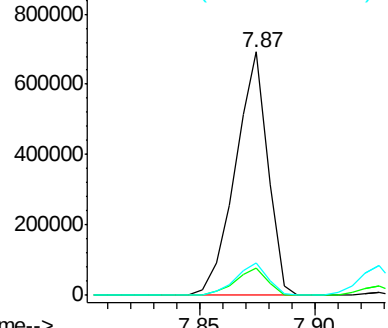
#31
Naphthalene
Concen: 38.05 ng
RT: 7.87 min Scan# 1001
Delta R.T. -0.04 min
Lab File: BF096909.D
Acq: 20 Jul 2017 16:50

Instrument :
BNA_F
ClientSampleId :
PB100793BS

Tgt Ion:128 Resp: 675776
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.4 10.8 16.2

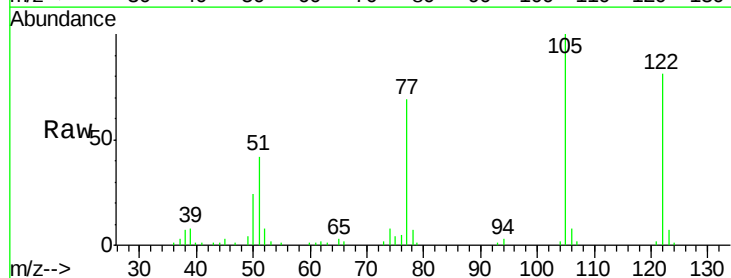


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

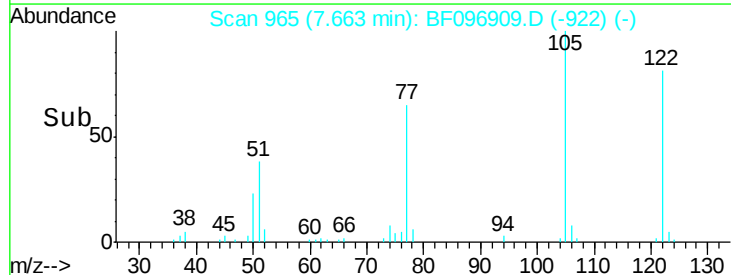
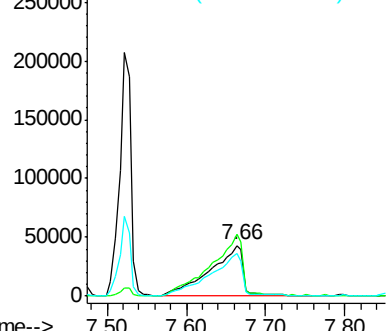


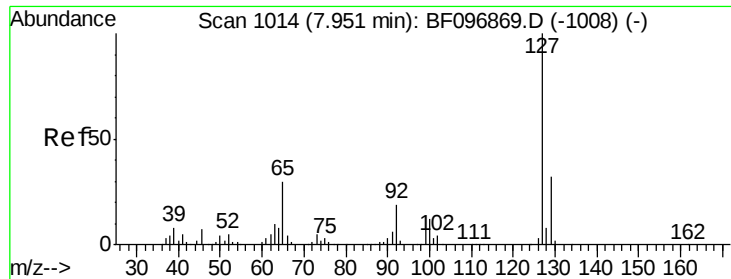
#32
Benzoic acid
Concen: 33.63 ng
RT: 7.66 min Scan# 965
Delta R.T. -0.05 min
Lab File: BF096909.D
Acq: 20 Jul 2017 16:50

Tgt Ion:122 Resp: 123076
Ion Ratio Lower Upper
122 100
105 122.8 103.3 143.3
77 85.0 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

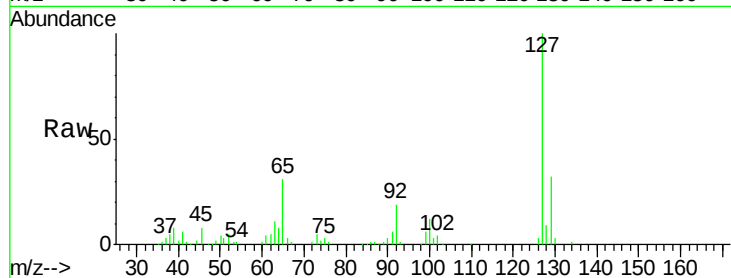




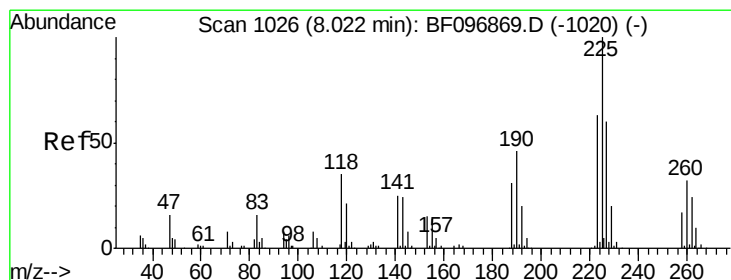
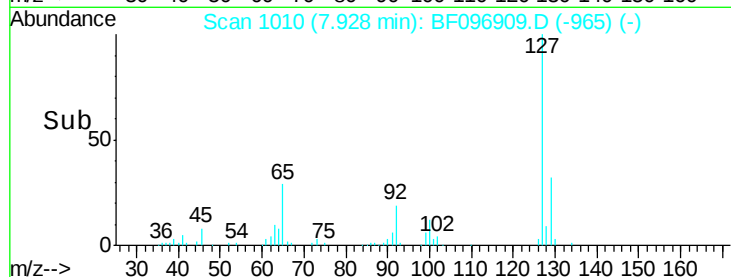
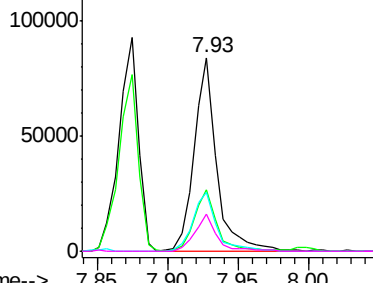
#33
4-Chloroaniline
Concen: 13.34 ng
RT: 7.93 min Scan# 1010
Delta R.T. -0.04 min
Lab File: BF096909.D
Acq: 20 Jul 2017 16:50

Instrument :
BNA_F
ClientSampleId :
PB100793BS

Tgt Ion:	127	Resp:	93859
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.2
65	30.7	27.8	41.8
92	19.0	16.8	25.2

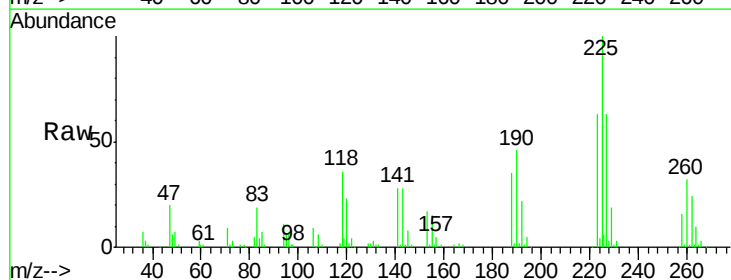


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

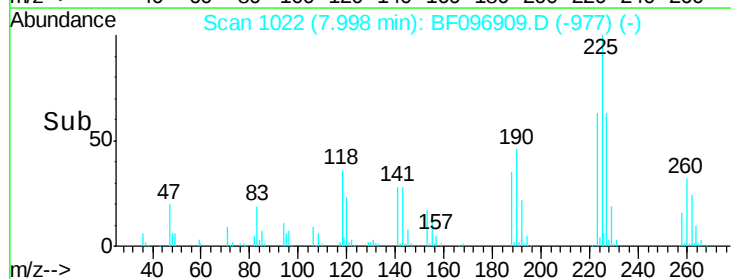
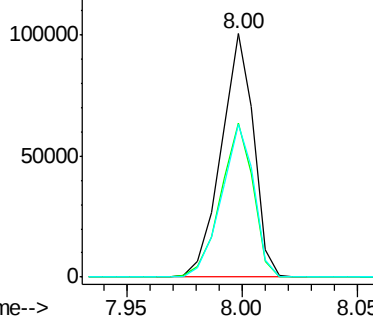


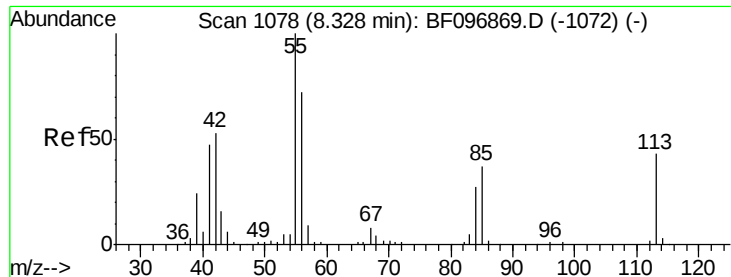
#34
Hexachlorobutadiene
Concen: 37.45 ng
RT: 8.00 min Scan# 1022
Delta R.T. -0.04 min
Lab File: BF096909.D
Acq: 20 Jul 2017 16:50

Tgt Ion:	225	Resp:	98524
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.8	73.2
227	62.9	51.1	76.7



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

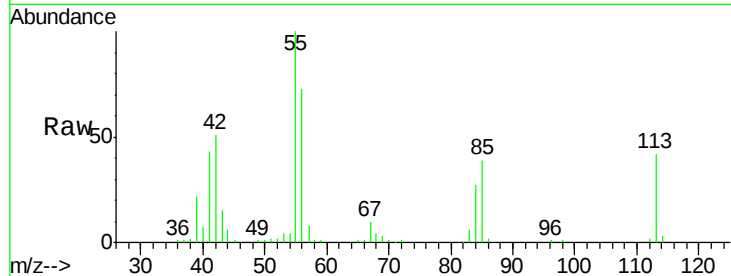




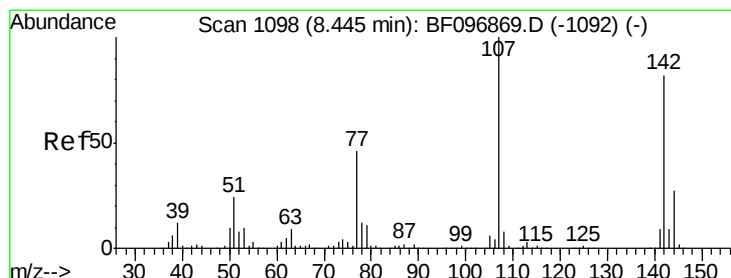
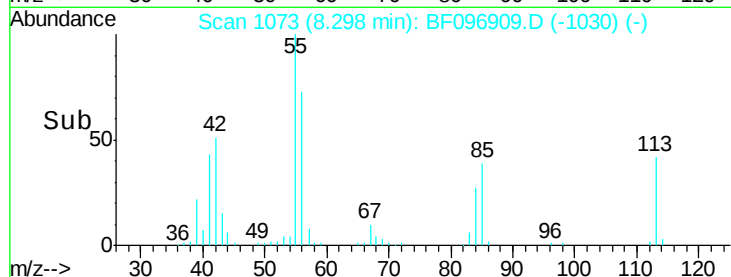
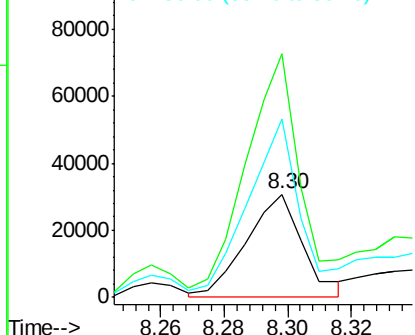
#35
 Caprolactam
 Concen: 22.92 ng
 RT: 8.30 min Scan# 1073
 Delta R.T. -0.05 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :
 PB100793BS

Tgt Ion:113 Resp: 38062
 Ion Ratio Lower Upper
 113 100
 55 236.4 150.2 190.2#
 56 173.0 107.8 147.8#

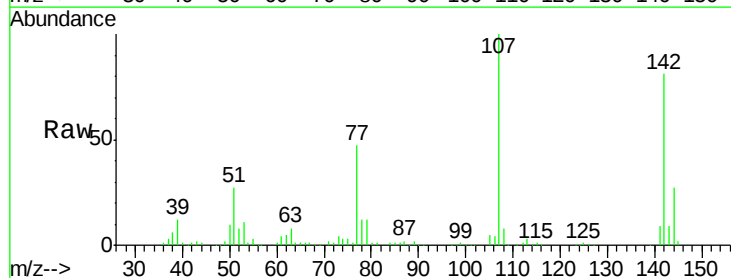


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

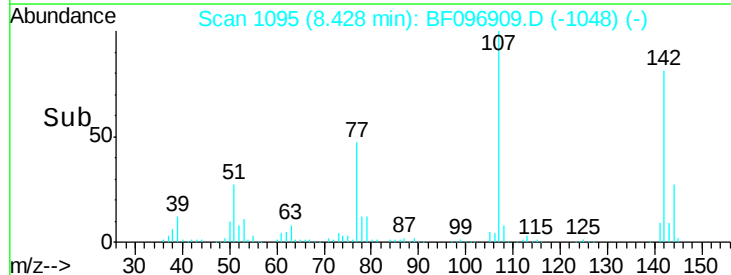
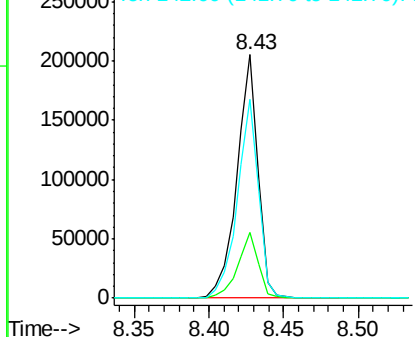


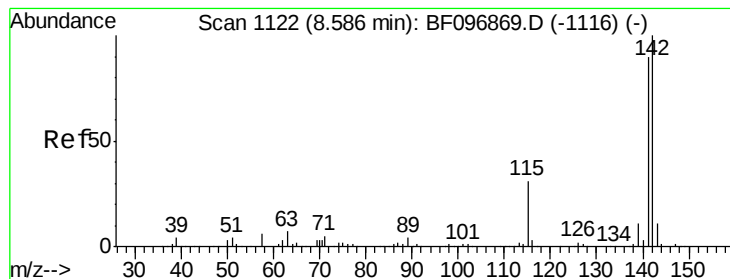
#36
 4-Chloro-3-methylphenol
 Concen: 36.28 ng
 RT: 8.43 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

Tgt Ion:107 Resp: 202203
 Ion Ratio Lower Upper
 107 100
 144 26.7 24.2 36.4
 142 81.5 73.4 110.0



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





#37

2-Methylnaphthalene

Concen: 40.61 ng

RT: 8.57 min Scan# 1119

Delta R.T. -0.03 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

Instrument :

BNA_F

ClientSampleId :

PB100793BS

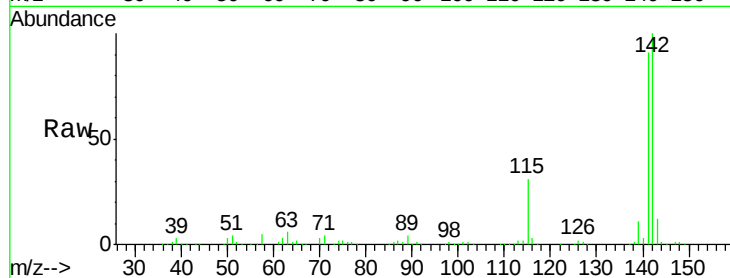
Tgt Ion:142 Resp: 459803

Ion Ratio Lower Upper

142 100

141 90.6 71.3 106.9

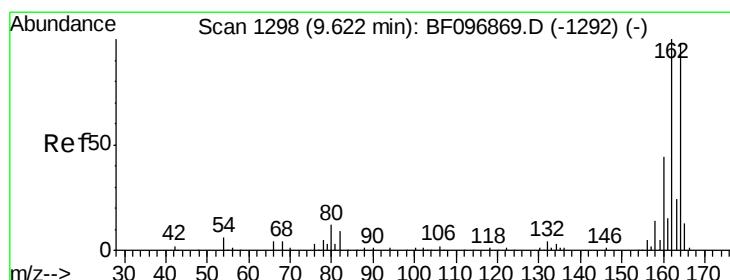
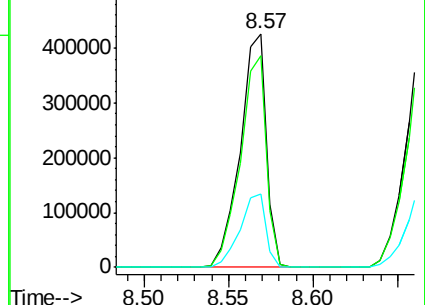
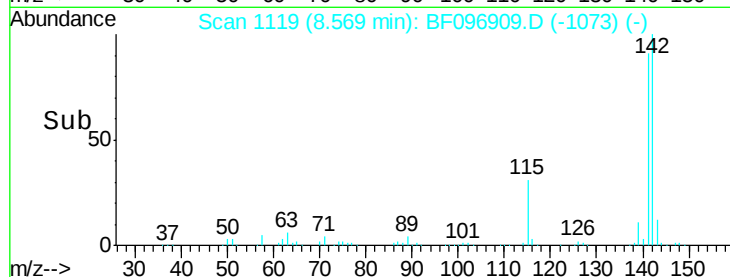
115 31.4 27.1 40.7



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: 9.60 min Scan# 1295

Delta R.T. -0.03 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

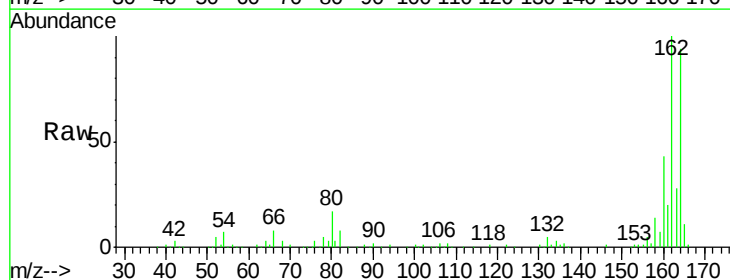
Tgt Ion:164 Resp: 169106

Ion Ratio Lower Upper

164 100

162 106.4 82.6 123.8

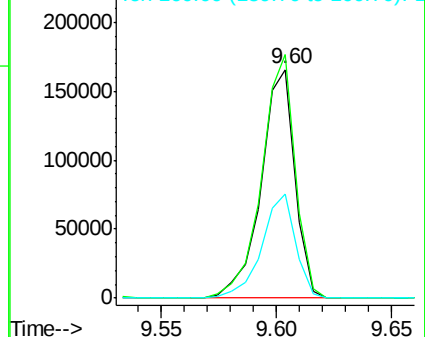
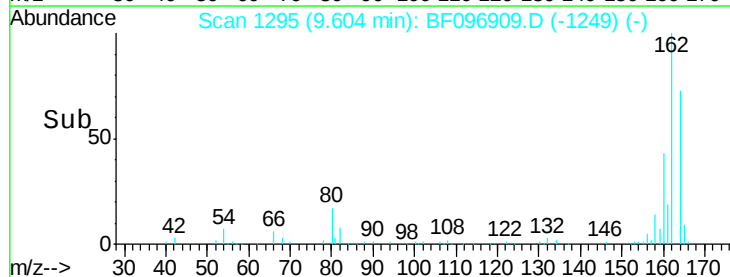
160 45.8 36.2 54.2

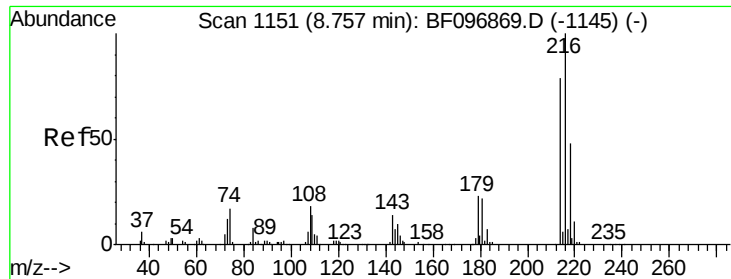


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

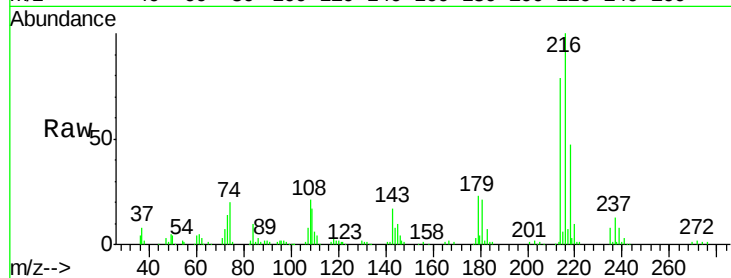




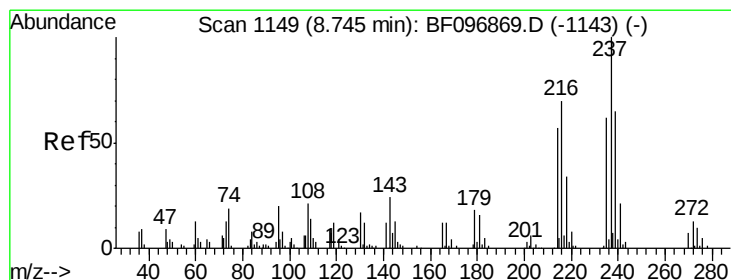
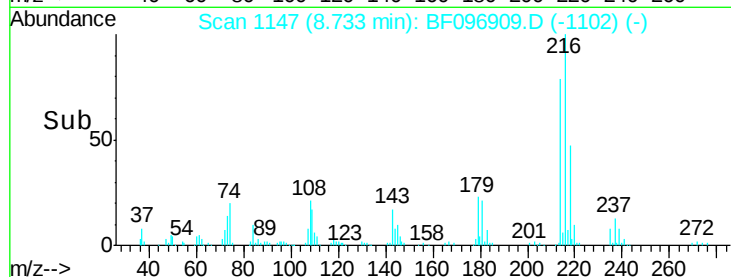
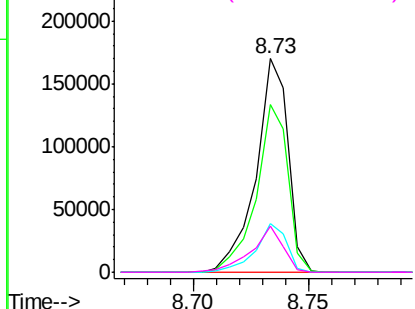
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.19 ng
 RT: 8.73 min Scan# 1147
 Delta R.T. -0.04 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :
 PB100793BS

Tgt Ion:	216	Resp:	165424
Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.4	95.2
179	22.1	17.9	26.9
108	21.2	16.5	24.7

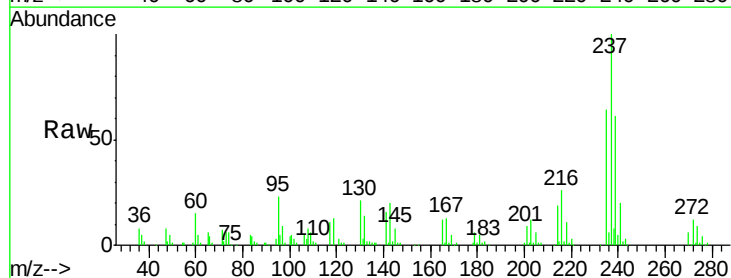


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

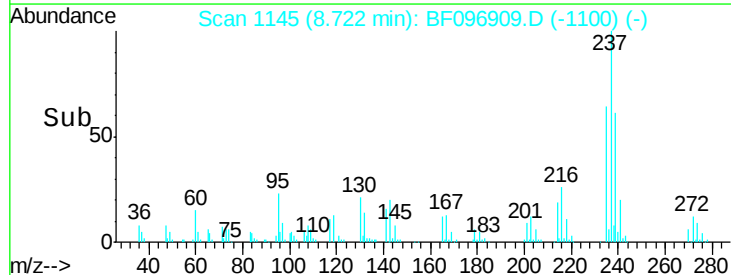
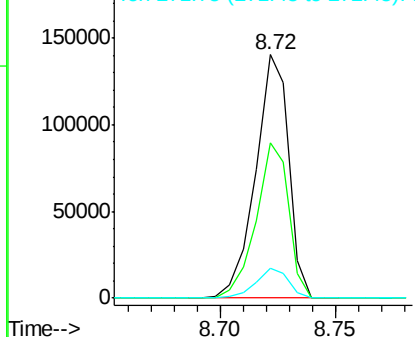


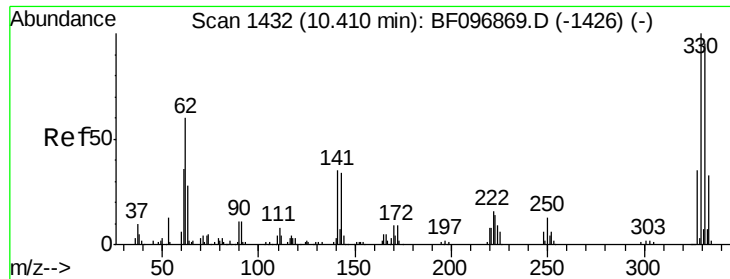
#40
 Hexachlorocyclopentadiene
 Concen: 81.46 ng
 RT: 8.72 min Scan# 1145
 Delta R.T. -0.04 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

Tgt Ion:	237	Resp:	140219
Ion	Ratio	Lower	Upper
237	100		
235	64.0	42.6	82.6
272	12.4	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

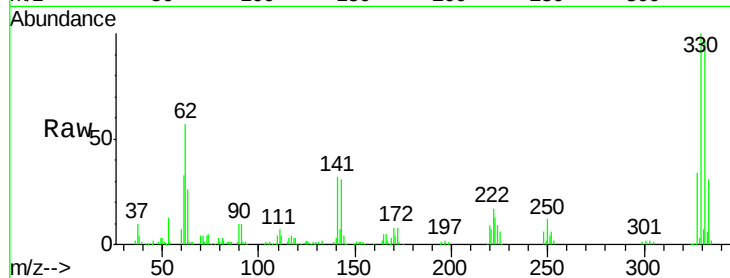




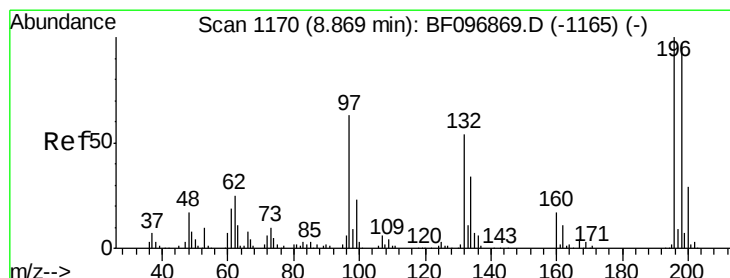
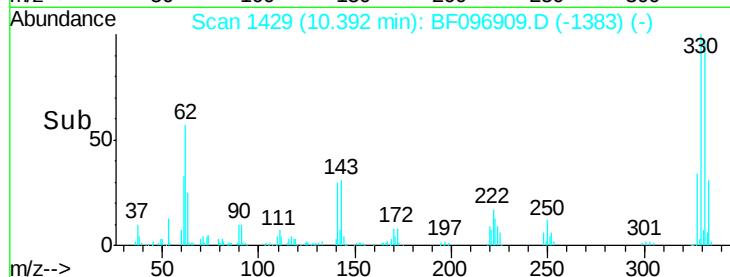
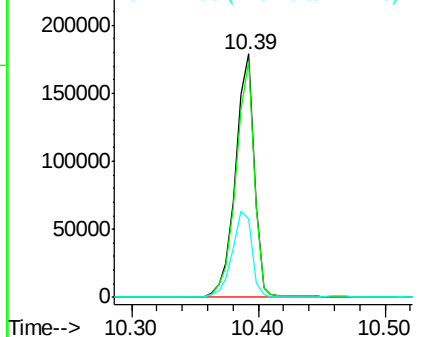
#41
 2,4,6-Tribromophenol
 Concen: 127.36 ng
 RT: 10.39 min Scan# 1429
 Delta R.T. -0.03 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :
 PB100793BS

Tgt Ion:330 Resp: 183835
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 115.0
 141 37.3 31.4 47.2

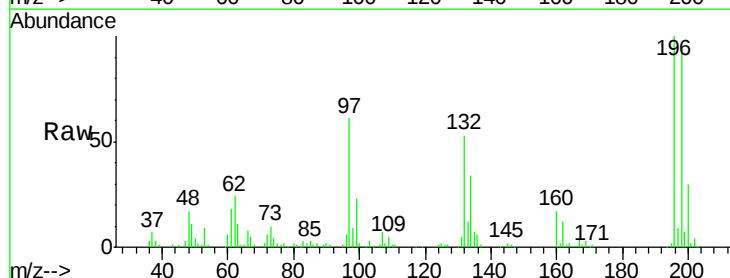


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

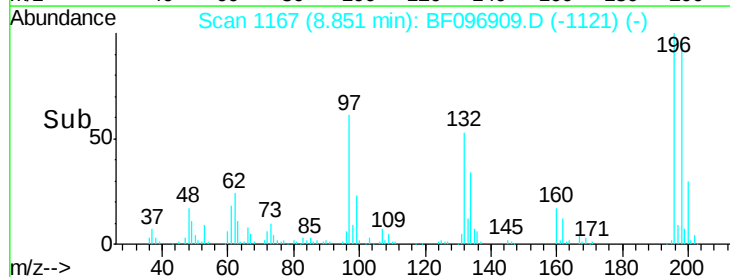
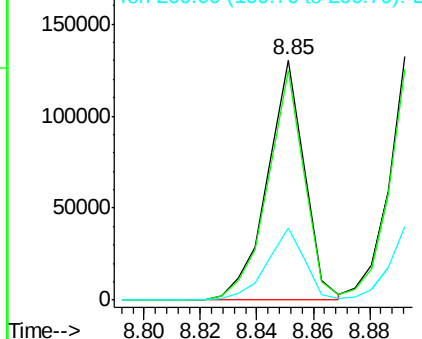


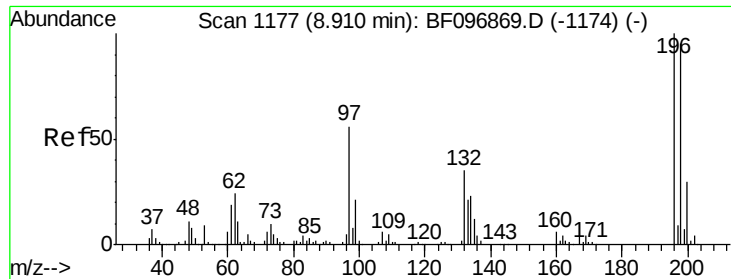
#42
 2,4,6-Trichlorophenol
 Concen: 35.24 ng
 RT: 8.85 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

Tgt Ion:196 Resp: 118823
 Ion Ratio Lower Upper
 196 100
 198 95.6 74.2 111.4
 200 29.8 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

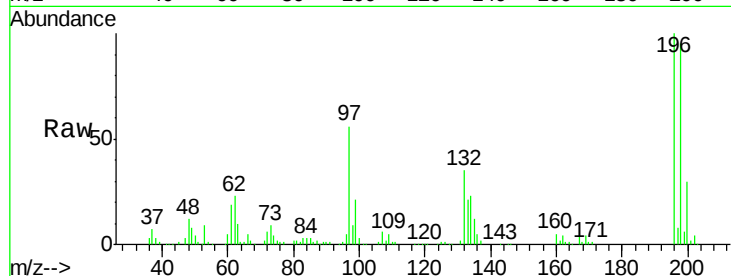




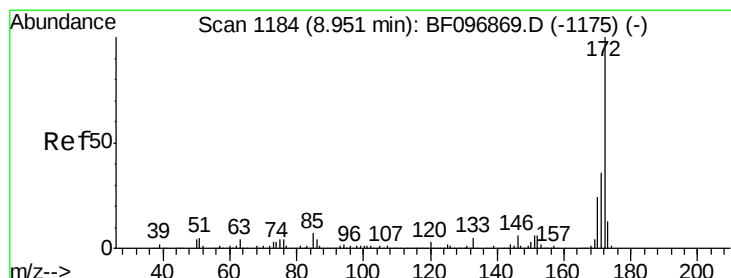
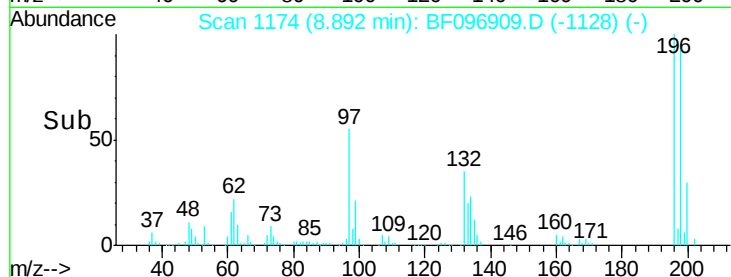
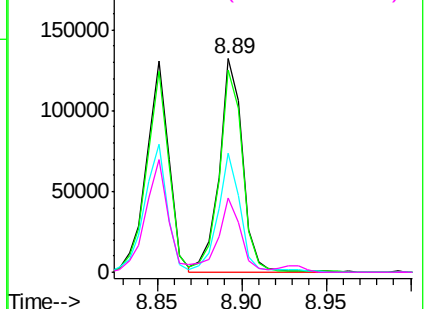
#43
 2,4,5-Trichlorophenol
 Concen: 37.54 ng
 RT: 8.89 min Scan# 1174
 Delta R.T. -0.03 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :
 PB100793BS

Tgt Ion:	196	Resp:	127676
Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.7	113.5
97	55.7	47.7	71.5
132	34.9	28.0	42.0

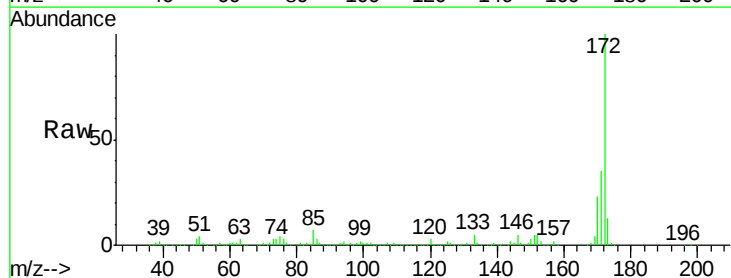


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

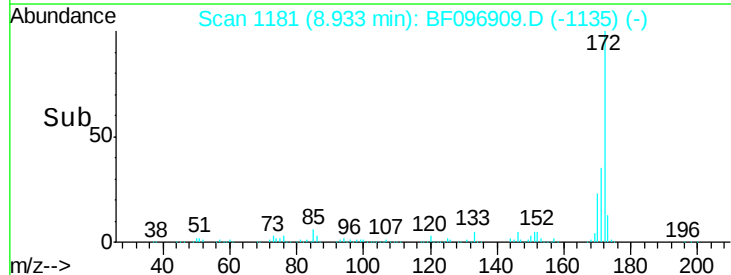
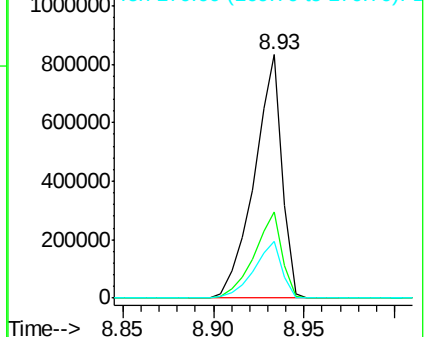


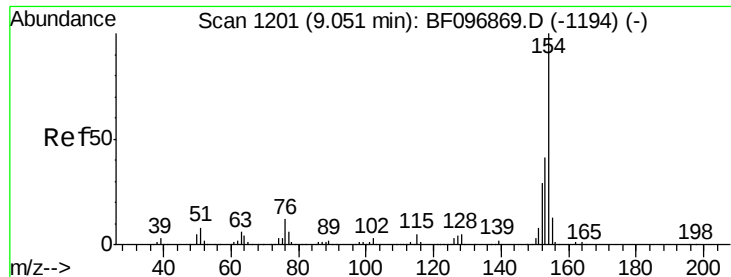
#44
 2-Fluorobiphenyl
 Concen: 82.35 ng
 RT: 8.93 min Scan# 1181
 Delta R.T. -0.03 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

Tgt Ion:	172	Resp:	881382
Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.4	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: 35.74 ng

RT: 9.03 min Scan# 1198

Delta R.T. -0.03 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

Instrument :

BNA_F

ClientSampleId :

PB100793BS

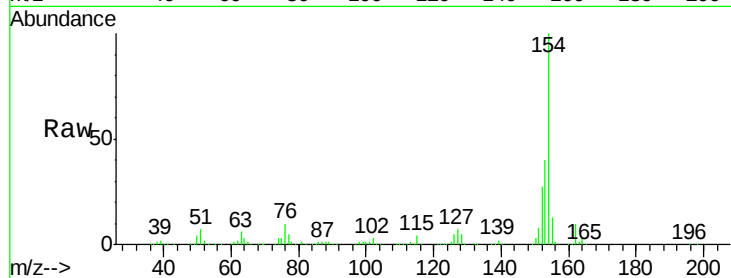
Tgt Ion:154 Resp: 518278

Ion Ratio Lower Upper

154 100

153 40.3 21.2 61.2

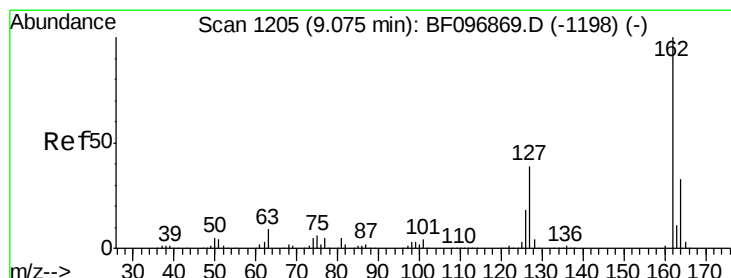
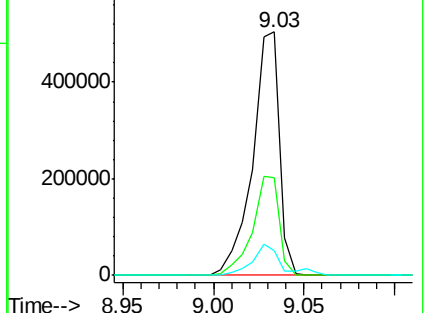
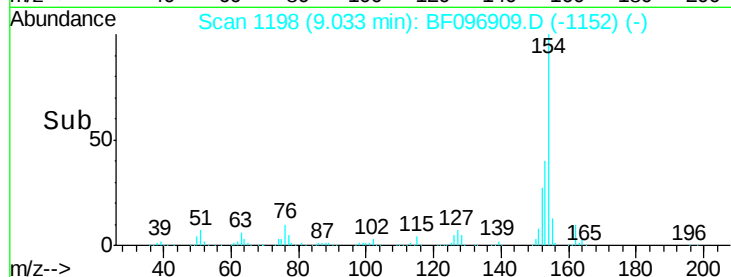
76 10.1 0.0 29.9



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: 38.02 ng

RT: 9.05 min Scan# 1201

Delta R.T. -0.04 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

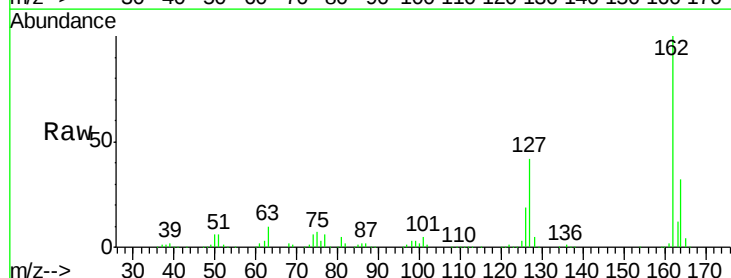
Tgt Ion:162 Resp: 406030

Ion Ratio Lower Upper

162 100

127 42.5 28.3 42.5#

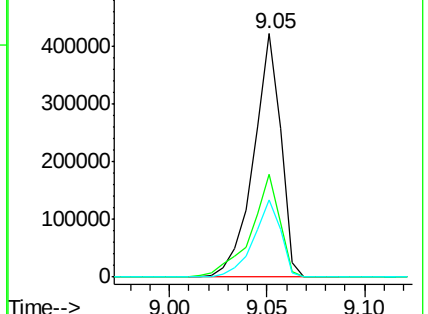
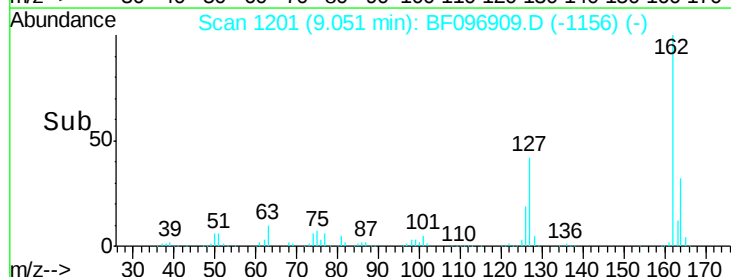
164 31.9 27.0 40.4

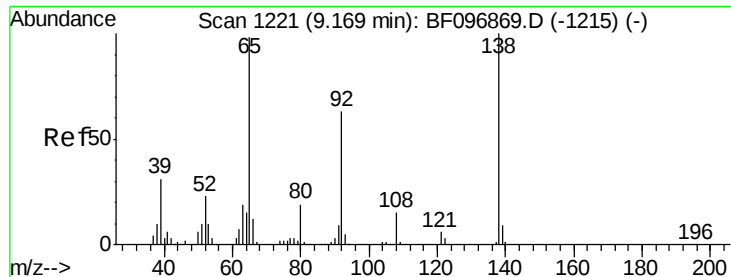


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

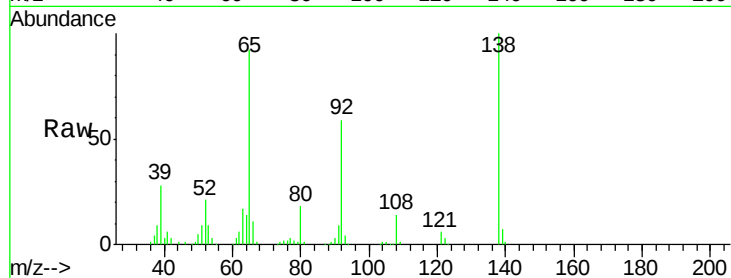




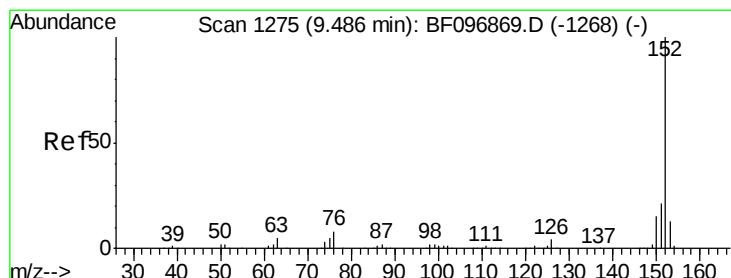
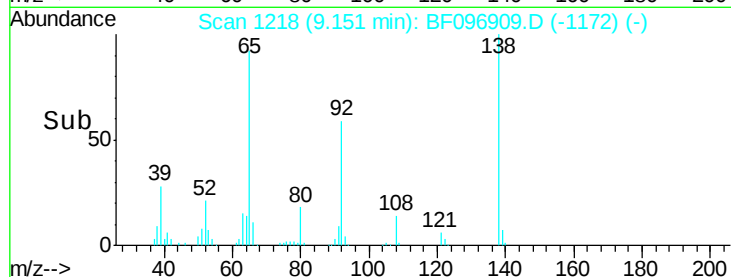
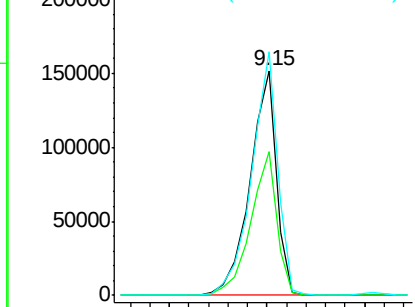
#47
 2-Nitroaniline
 Concen: 38.78 ng
 RT: 9.15 min Scan# 1218
 Delta R.T. -0.03 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :
 PB100793BS

Tgt Ion: 65 Resp: 142375
 Ion Ratio Lower Upper
 65 100
 92 64.1 53.9 80.9
 138 108.4 78.8 118.2

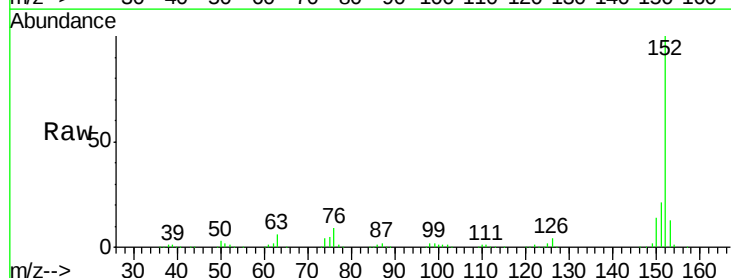


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

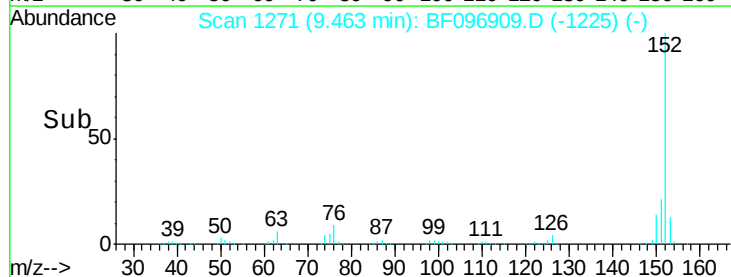
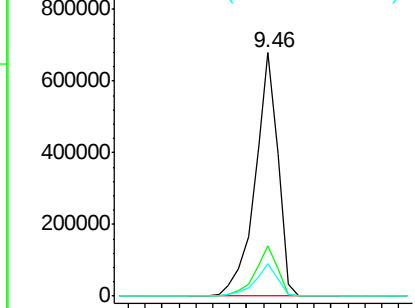


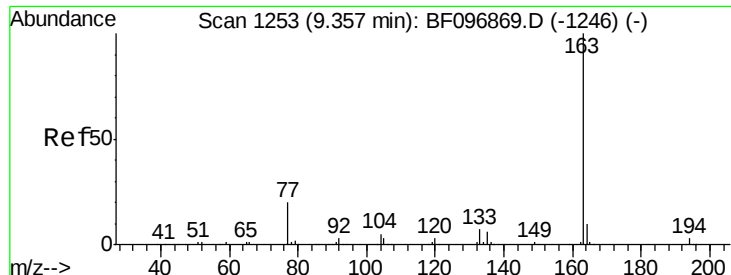
#48
 Acenaphthylene
 Concen: 37.52 ng
 RT: 9.46 min Scan# 1271
 Delta R.T. -0.03 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

Tgt Ion: 152 Resp: 638470
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 13.3 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

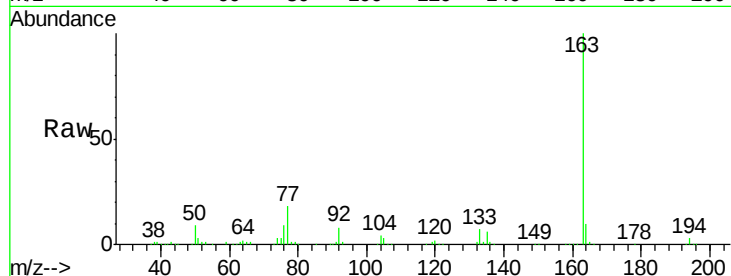




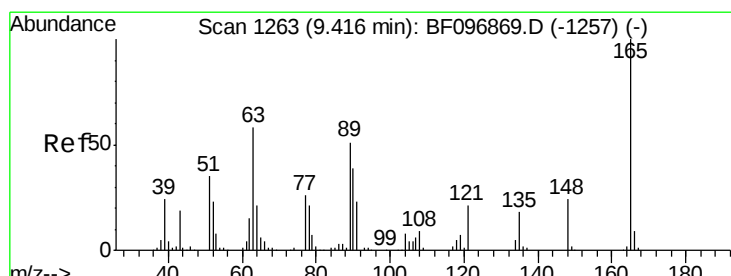
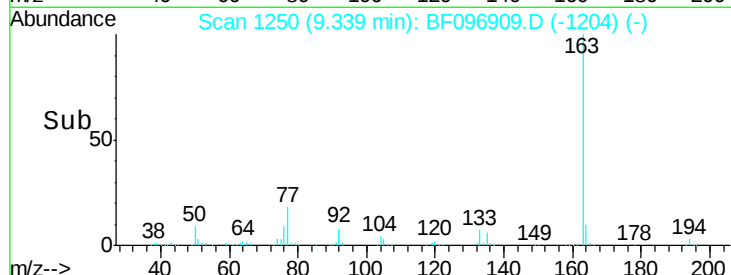
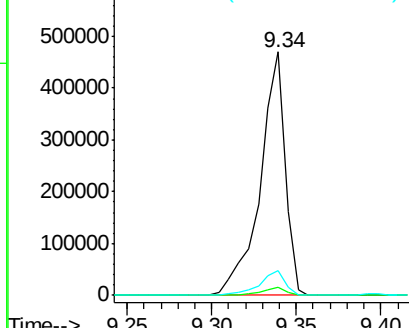
#49
Dimethylphthalate
Concen: 37.94 ng
RT: 9.34 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF096909.D
Acq: 20 Jul 2017 16:50

Instrument :
BNA_F
ClientSampleId :
PB100793BS

Tgt Ion:163 Resp: 483039
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.9 8.4 12.6

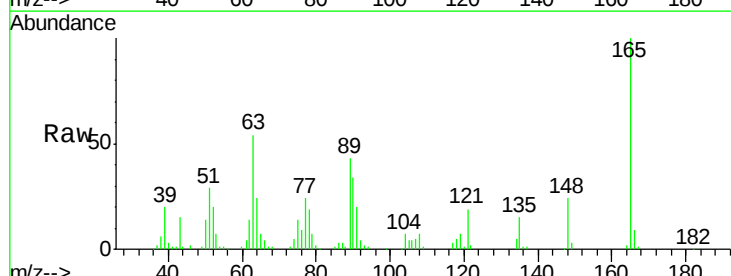


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

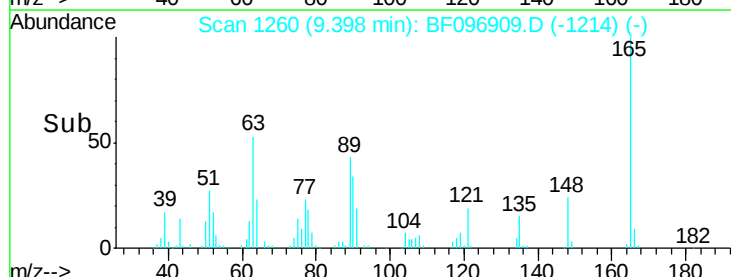
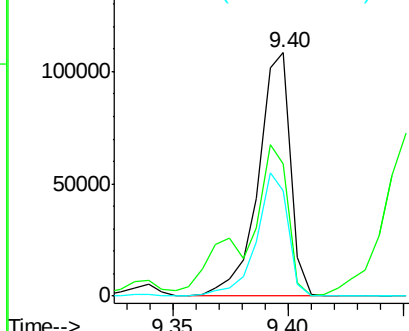


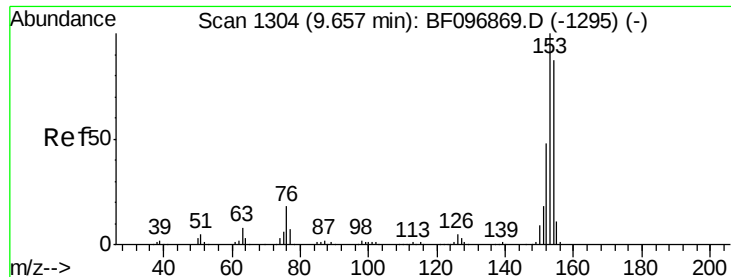
#50
2,6-Dinitrotoluene
Concen: 38.31 ng
RT: 9.40 min Scan# 1260
Delta R.T. -0.03 min
Lab File: BF096909.D
Acq: 20 Jul 2017 16:50

Tgt Ion:165 Resp: 105651
Ion Ratio Lower Upper
165 100
63 54.3 34.3 51.5#
89 43.3 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: 36.70 ng

RT: 9.63 min Scan# 1300

Delta R.T. -0.04 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

Instrument :

BNA_F

ClientSampleId :

PB100793BS

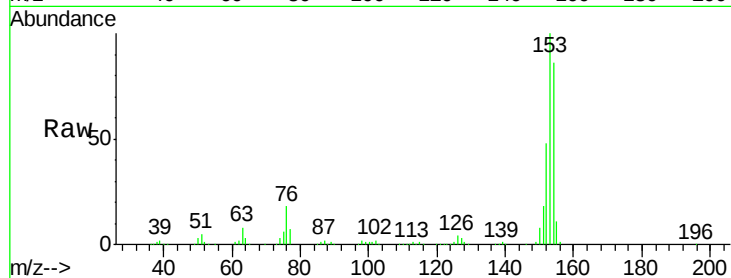
Tgt Ion:154 Resp: 368884

Ion Ratio Lower Upper

154 100

153 115.9 90.5 135.7

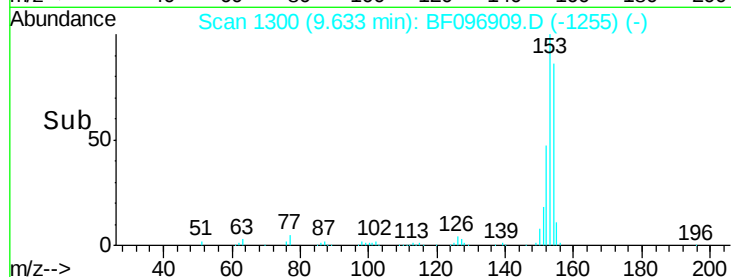
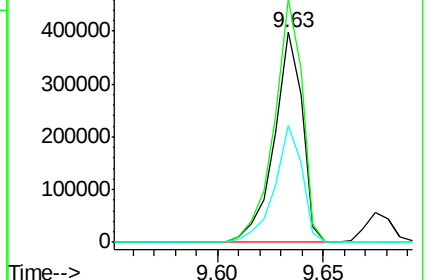
152 55.4 43.6 65.4



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: 18.71 ng

RT: 9.56 min Scan# 1287

Delta R.T. -0.04 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

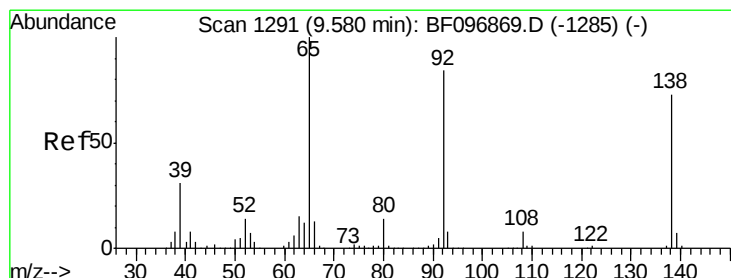
Tgt Ion:138 Resp: 61119

Ion Ratio Lower Upper

138 100

108 9.2 9.1 13.7

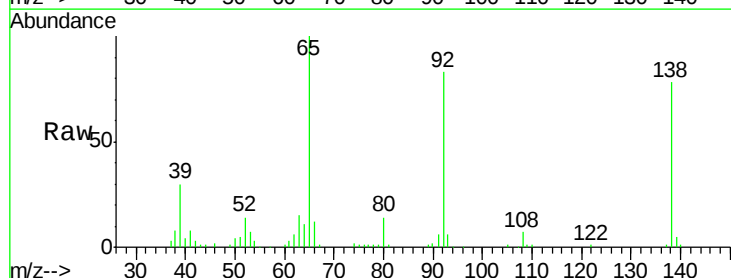
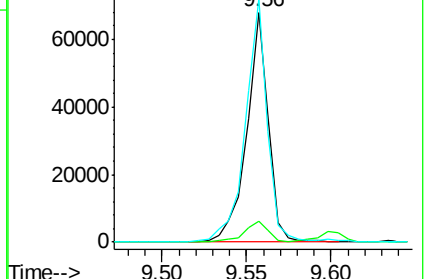
92 105.8 93.8 140.6

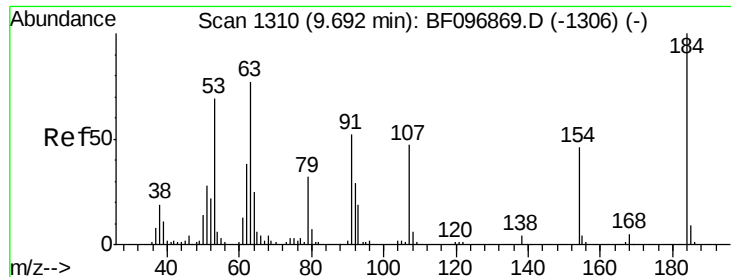


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

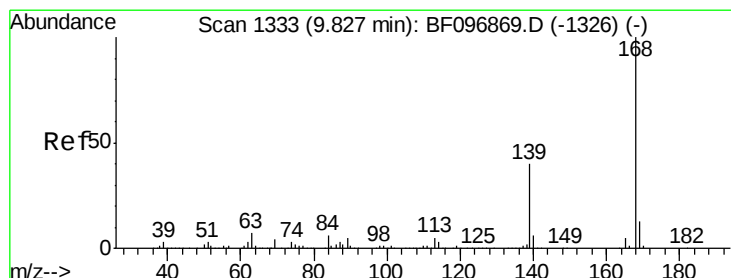
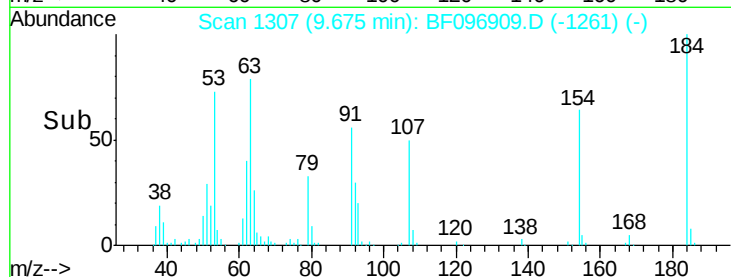
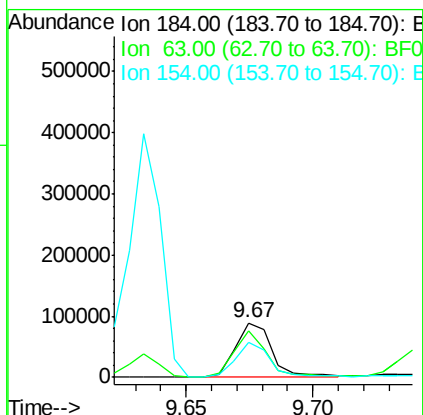
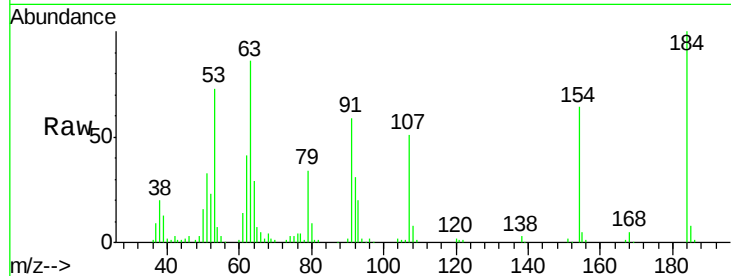




#53
 2,4-Dinitrophenol
 Concen: 66.67 ng
 RT: 9.67 min Scan# 1307
 Delta R.T. -0.03 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

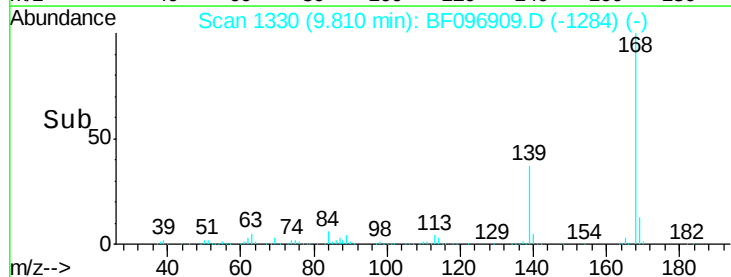
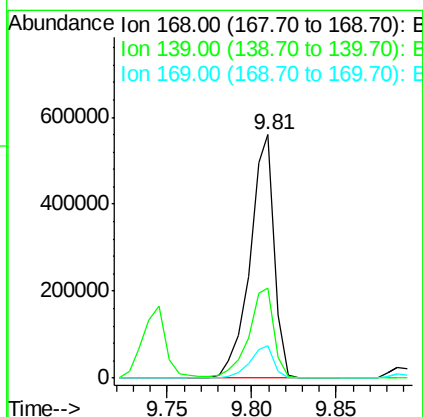
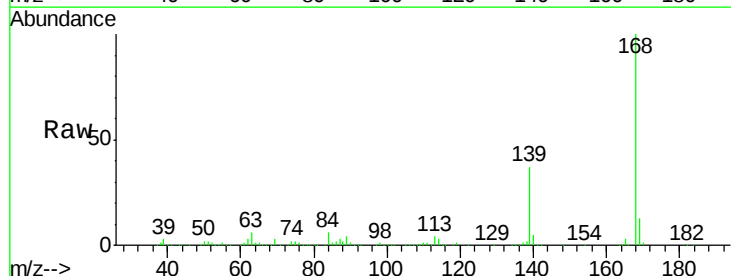
Instrument :
 BNA_F
 ClientSampleId :
 PB100793BS

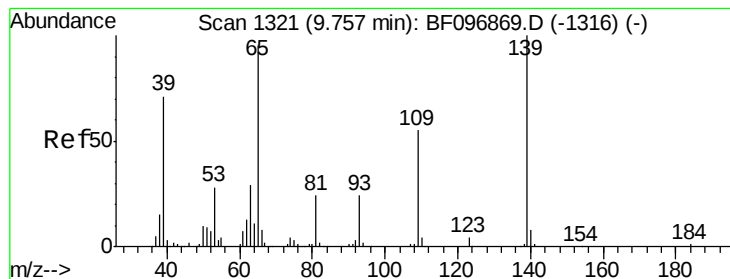
Tgt Ion:184 Resp: 89375
 Ion Ratio Lower Upper
 184 100
 63 85.8 62.7 94.1
 154 63.7 81.1 121.7#



#54
 Dibenzofuran
 Concen: 39.77 ng
 RT: 9.81 min Scan# 1330
 Delta R.T. -0.03 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

Tgt Ion:168 Resp: 560166
 Ion Ratio Lower Upper
 168 100
 139 37.1 30.6 45.8
 169 13.1 10.8 16.2





#55

4-Nitrophenol

Concen: 65.20 ng

RT: 9.75 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

Instrument :

BNA_F

ClientSampleId :

PB100793BS

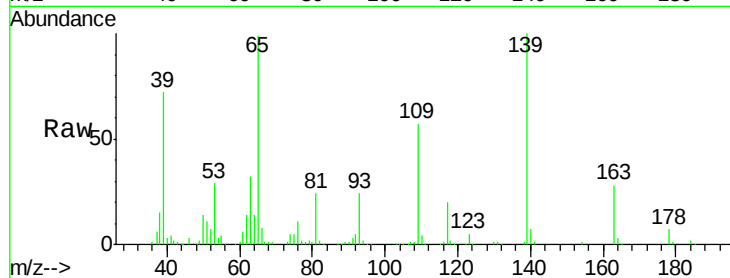
Tgt Ion:139 Resp: 155619

Ion Ratio Lower Upper

139 100

109 57.4 34.1 74.1

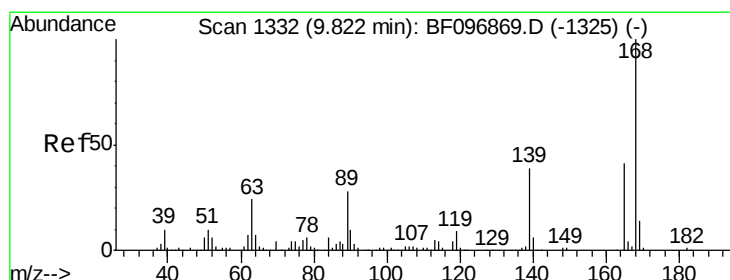
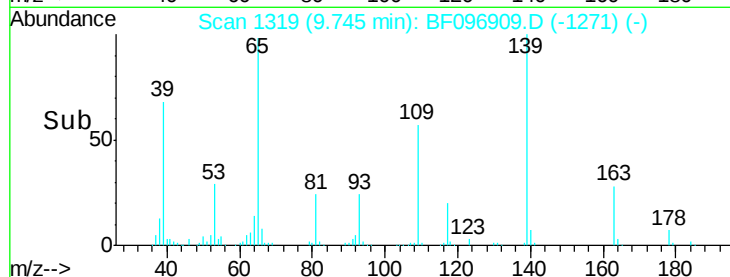
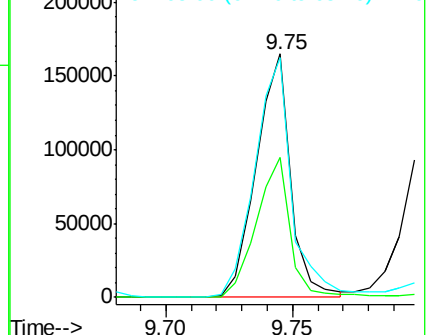
65 98.5 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 38.73 ng

RT: 9.80 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

Tgt Ion:165 Resp: 137264

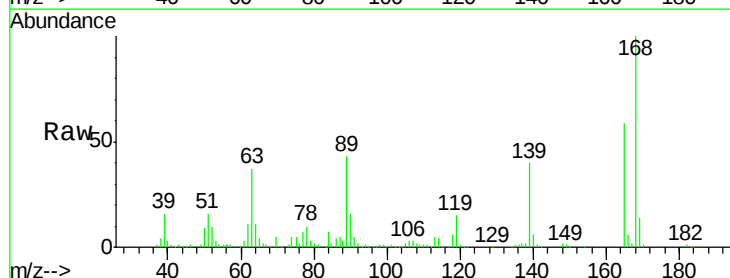
Ion Ratio Lower Upper

165 100

63 62.3 25.4 38.0#

89 73.4 46.4 69.6#

182 2.4 1.8 2.6

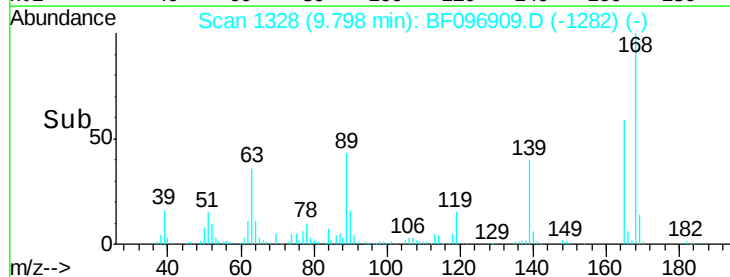
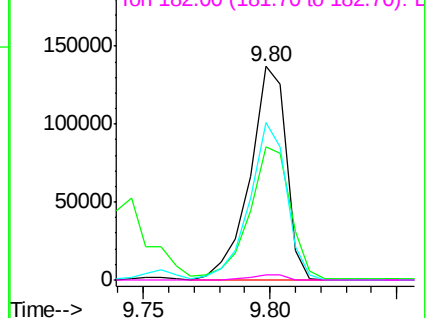


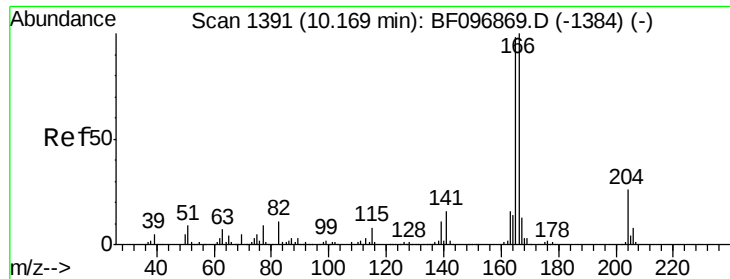
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.19 ng

RT: 10.15 min Scan# 1388

Delta R.T. -0.03 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

Instrument :

BNA_F

ClientSampleId :

PB100793BS

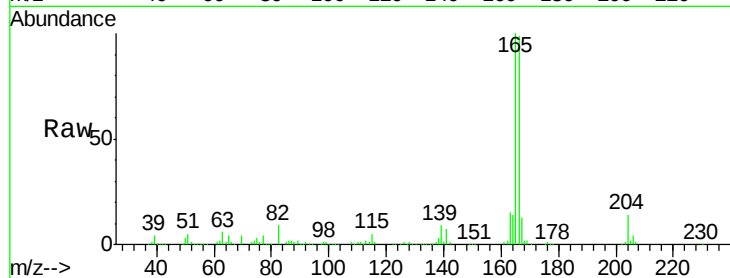
Tgt Ion:166 Resp: 428786

Ion Ratio Lower Upper

166 100

165 100.6 78.8 118.2

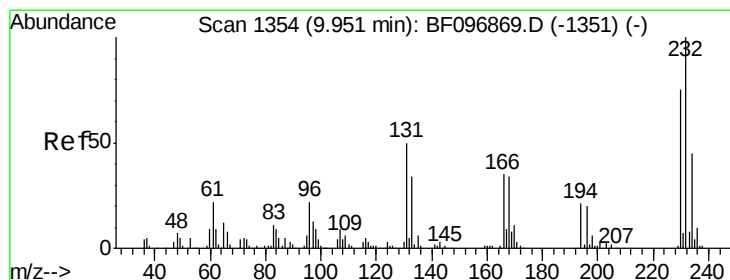
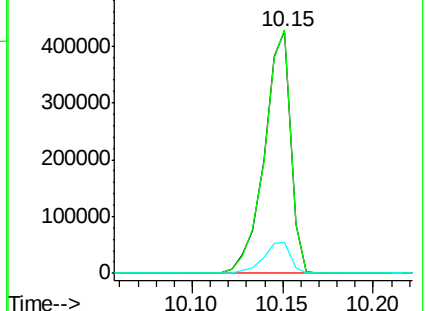
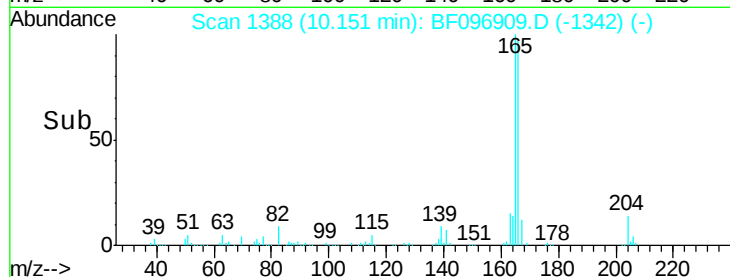
167 12.6 10.6 16.0



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: 41.53 ng

RT: 9.93 min Scan# 1351

Delta R.T. -0.03 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

Tgt Ion:232 Resp: 97943

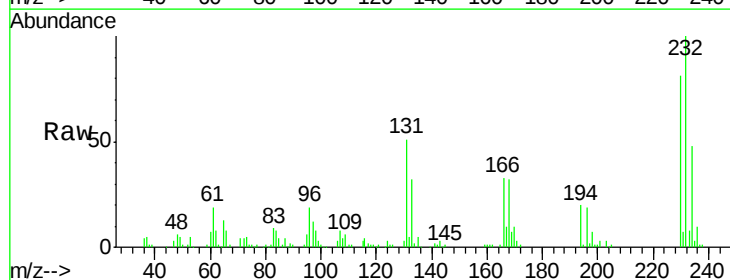
Ion Ratio Lower Upper

232 100

131 55.5 44.8 67.2

130 2.6 2.3 3.5

166 35.0 29.0 43.4

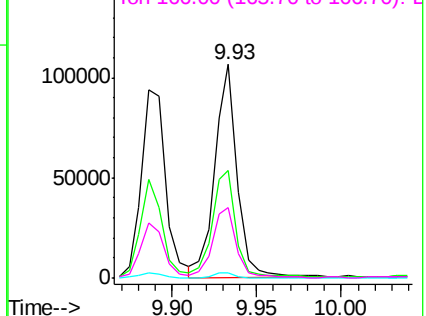
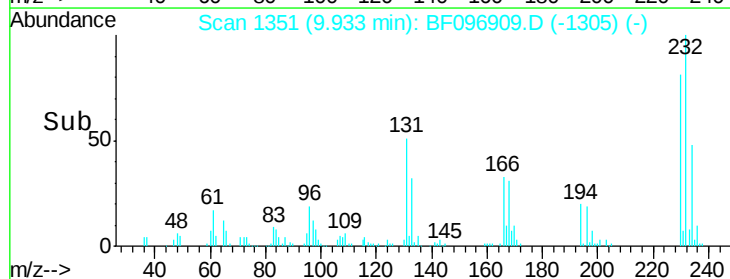


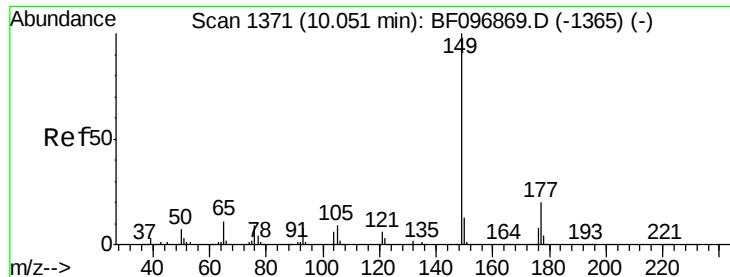
Abundance Ion 232.00 (231.70 to 232.70): E

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

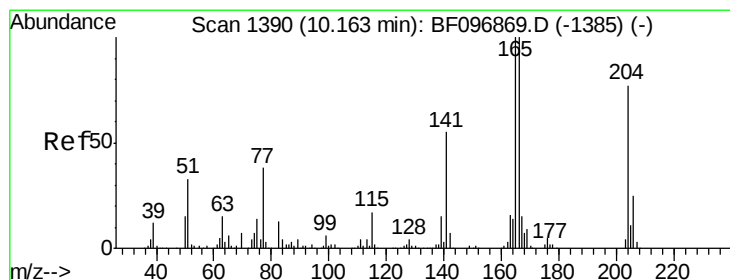
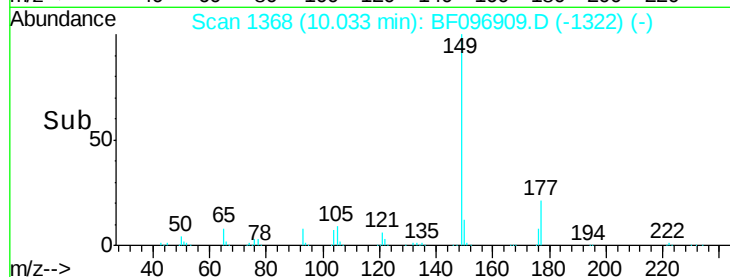
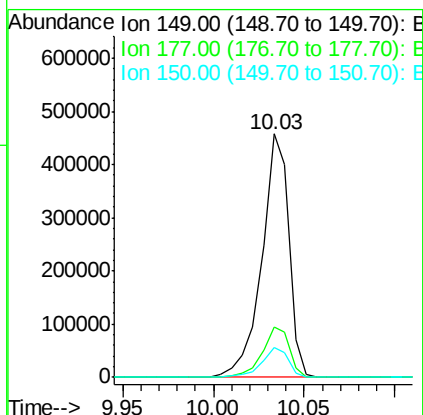
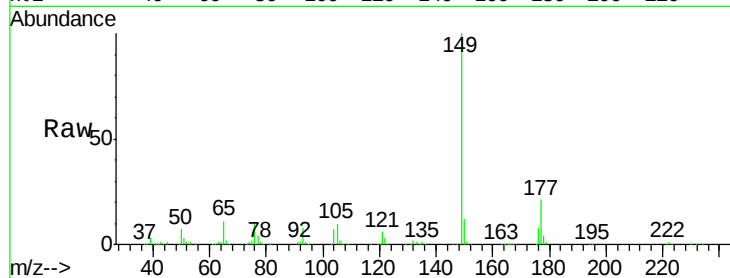




#59
Diethylphthalate
Concen: 38.21 ng
RT: 10.03 min Scan# 1368
Delta R.T. -0.03 min
Lab File: BF096909.D
Acq: 20 Jul 2017 16:50

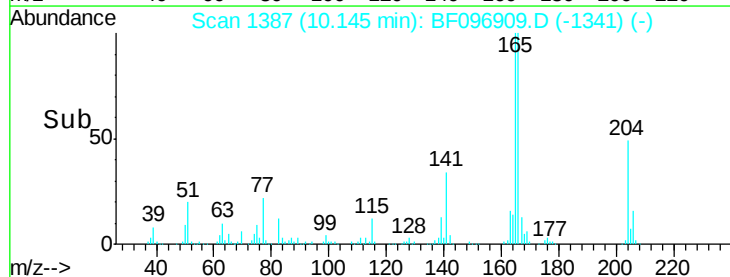
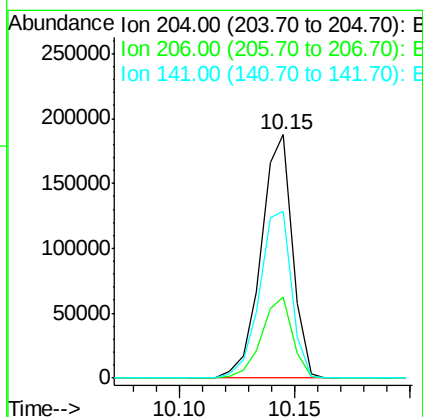
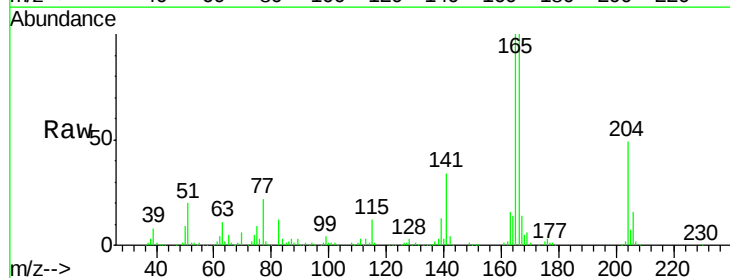
Instrument :
BNA_F
ClientSampleId :
PB100793BS

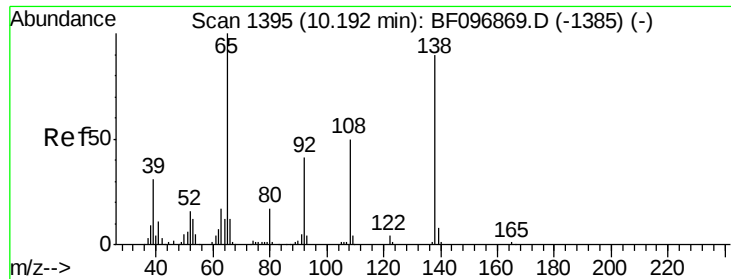
Tgt Ion:149 Resp: 473637
Ion Ratio Lower Upper
149 100
177 20.7 16.7 25.1
150 12.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.99 ng
RT: 10.15 min Scan# 1387
Delta R.T. -0.03 min
Lab File: BF096909.D
Acq: 20 Jul 2017 16:50

Tgt Ion:204 Resp: 177626
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 68.8 60.8 91.2

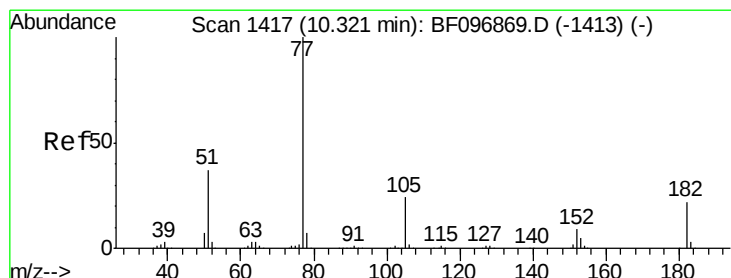
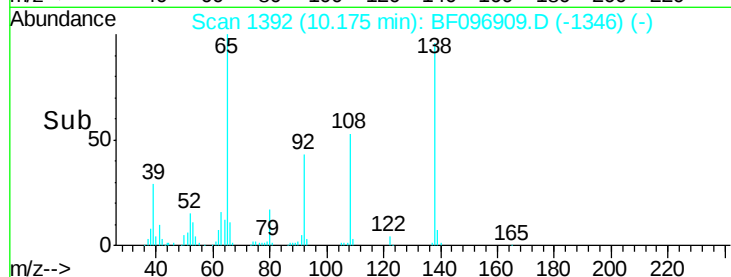
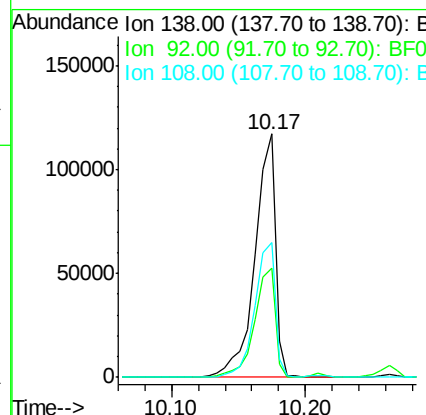
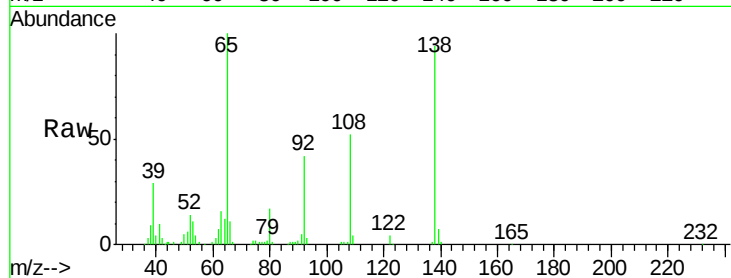




#61
4-Nitroaniline
Concen: 40.22 ng
RT: 10.17 min Scan# 1392
Delta R.T. -0.03 min
Lab File: BF096909.D
Acq: 20 Jul 2017 16:50

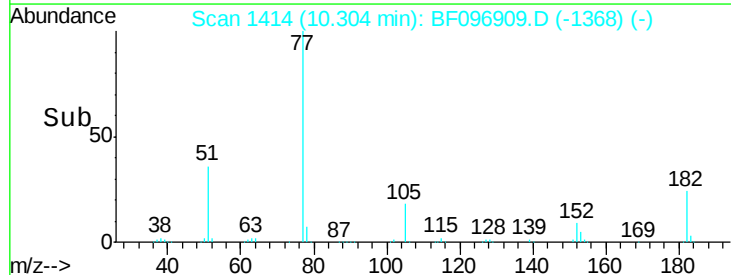
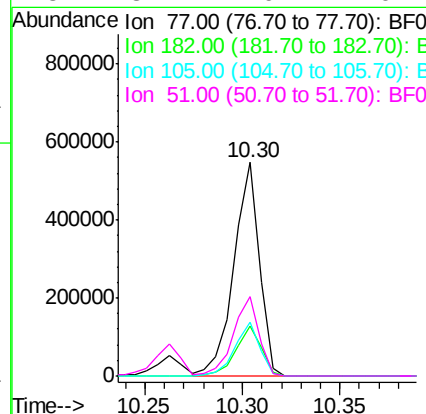
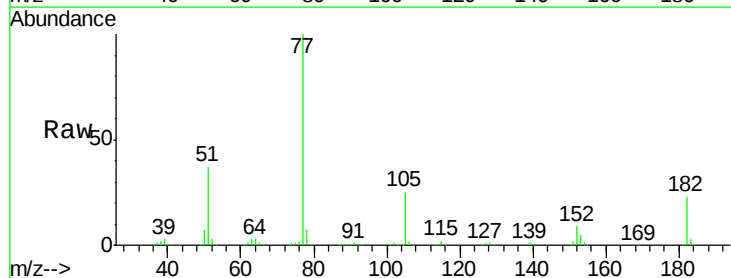
Instrument :
BNA_F
ClientSampleId :
PB100793BS

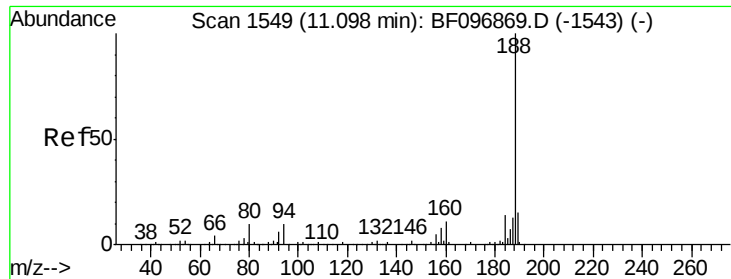
Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.8	21.8	61.8
108	55.3	42.3	82.3



#62
Azobenzene
Concen: 45.52 ng
RT: 10.30 min Scan# 1414
Delta R.T. -0.03 min
Lab File: BF096909.D
Acq: 20 Jul 2017 16:50

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.4	0.1	40.1
105	25.2	3.6	43.6
51	37.2	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 1545

Delta R.T. -0.03 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

Instrument :

BNA_F

ClientSampleId :

PB100793BS

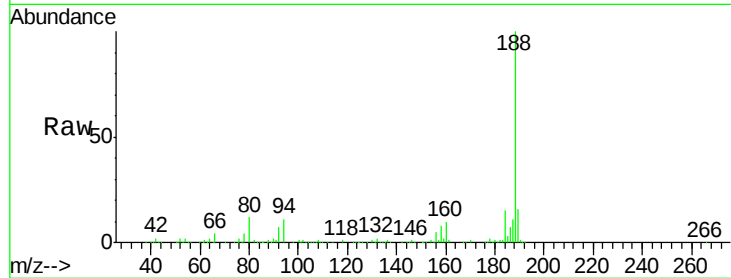
Tgt Ion:188 Resp: 316688

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

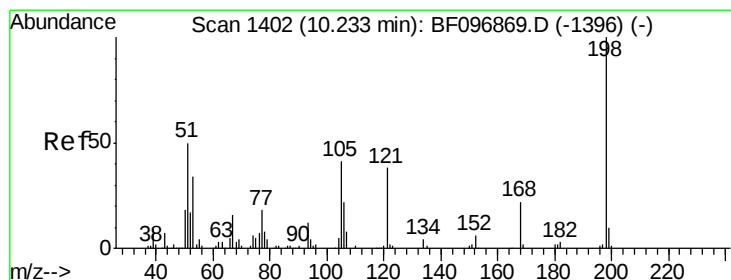
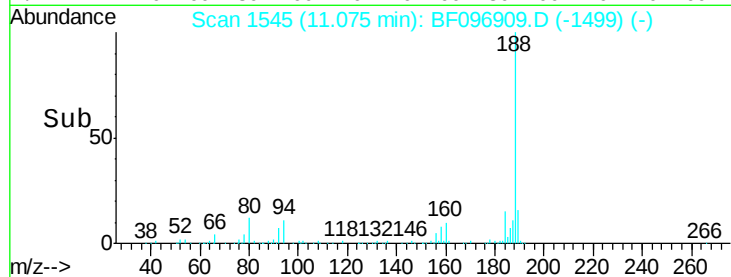
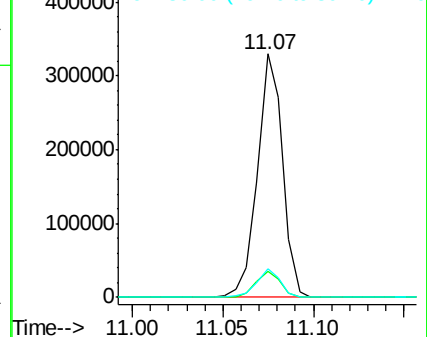
80 11.8 10.2 15.2



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: 35.93 ng

RT: 10.21 min Scan# 1398

Delta R.T. -0.03 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

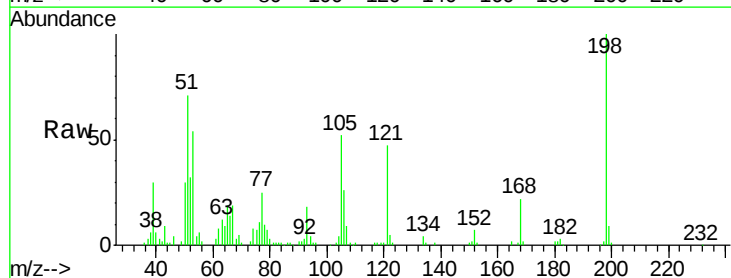
Tgt Ion:198 Resp: 71445

Ion Ratio Lower Upper

198 100

51 71.1 53.2 93.2

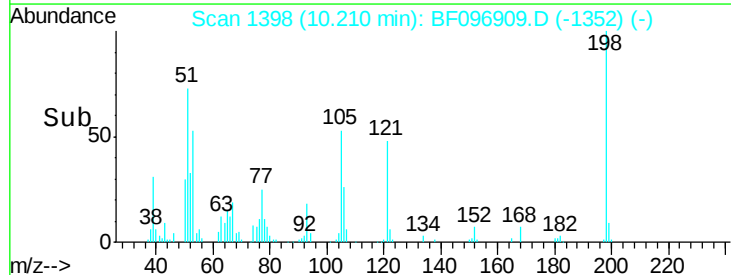
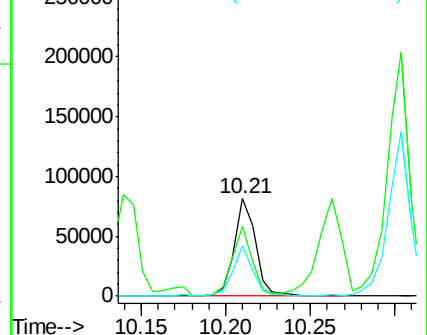
105 51.9 45.8 85.8

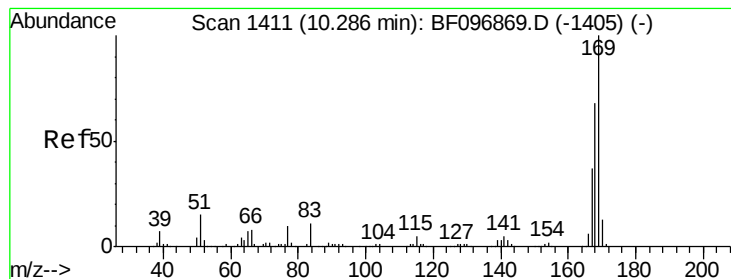


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.37 ng

RT: 10.26 min Scan# 1407

Delta R.T. -0.03 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

Instrument :

BNA_F

ClientSampleId :

PB100793BS

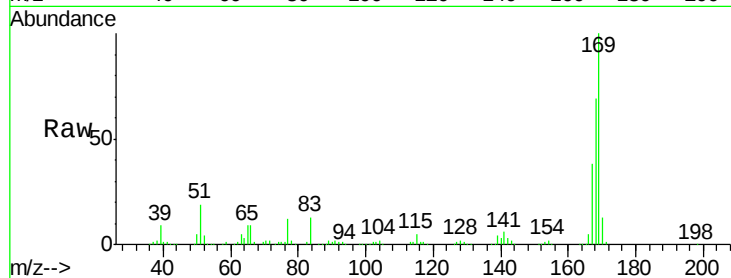
Tgt Ion:169 Resp: 423080

Ion Ratio Lower Upper

169 100

168 69.2 53.2 79.8

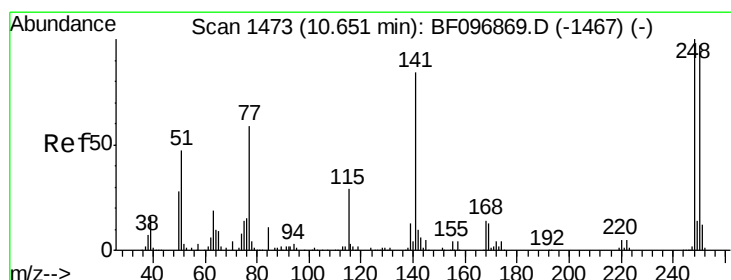
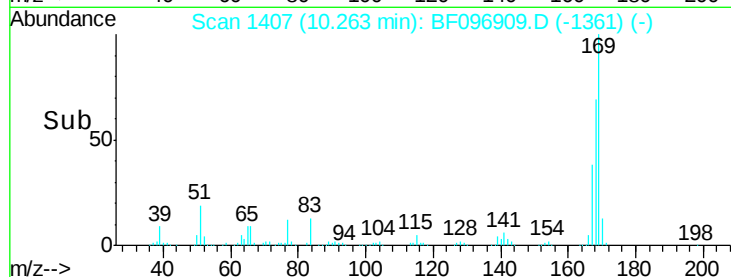
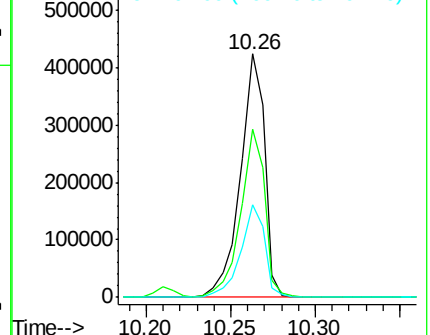
167 37.9 29.5 44.3



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: 37.75 ng

RT: 10.63 min Scan# 1469

Delta R.T. -0.03 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

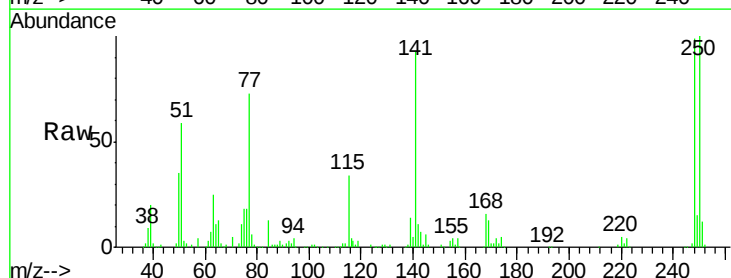
Tgt Ion:248 Resp: 122071

Ion Ratio Lower Upper

248 100

250 100.5 76.8 115.2

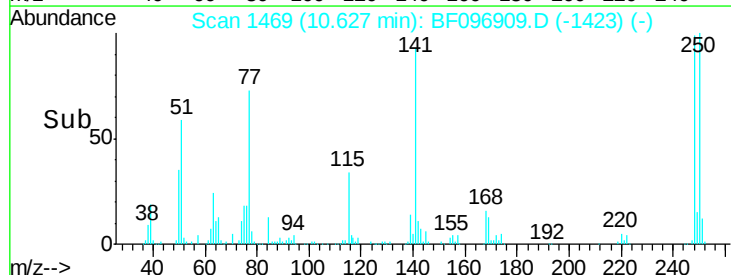
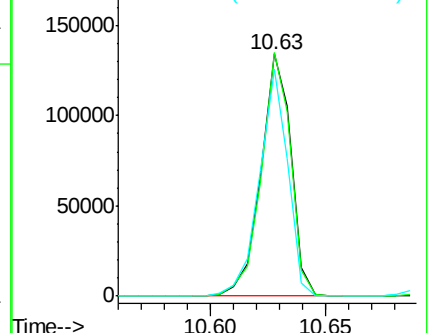
141 93.6 68.6 103.0

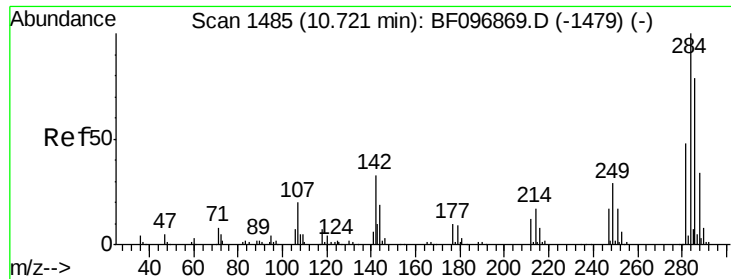


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.97 ng

RT: 10.70 min Scan# 1481

Delta R.T. -0.03 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

Instrument :

BNA_F

ClientSampleId :

PB100793BS

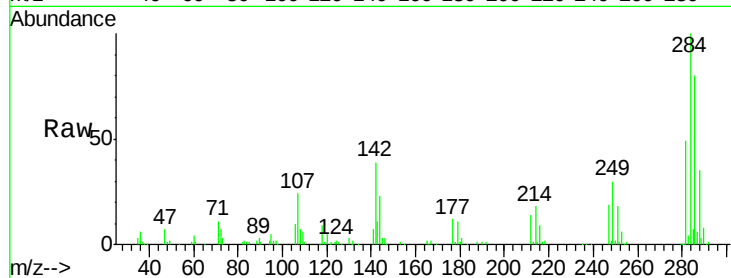
Tgt Ion:284 Resp: 129520

Ion Ratio Lower Upper

284 100

142 38.5 22.8 34.2#

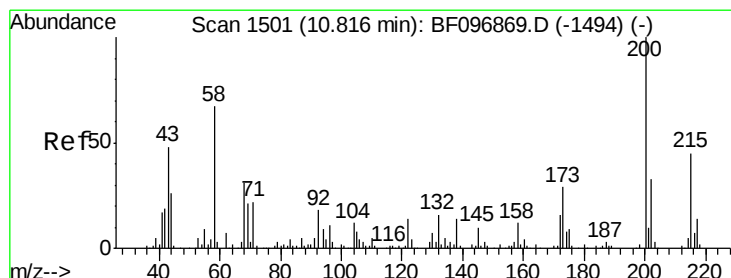
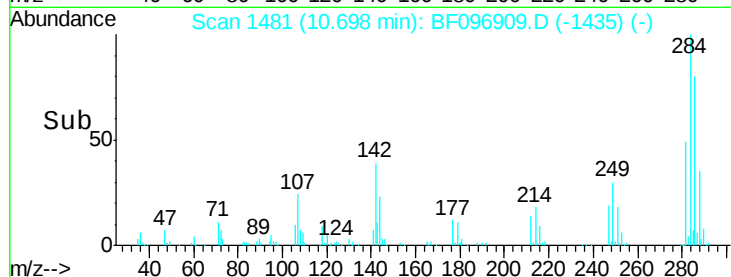
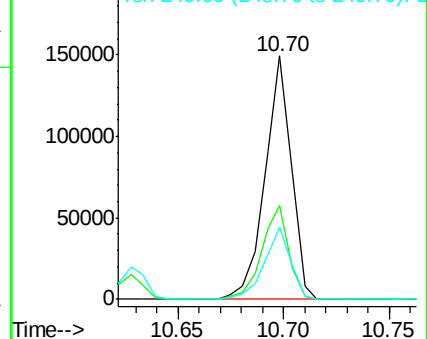
249 29.8 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.17 ng

RT: 10.80 min Scan# 1498

Delta R.T. -0.03 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

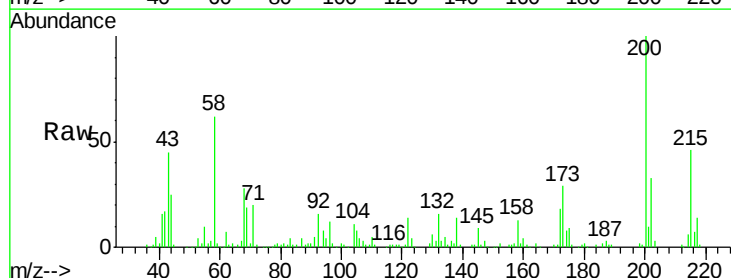
Tgt Ion:200 Resp: 116654

Ion Ratio Lower Upper

200 100

173 28.6 6.3 46.3

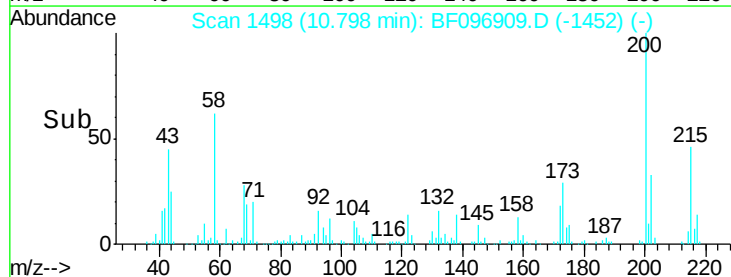
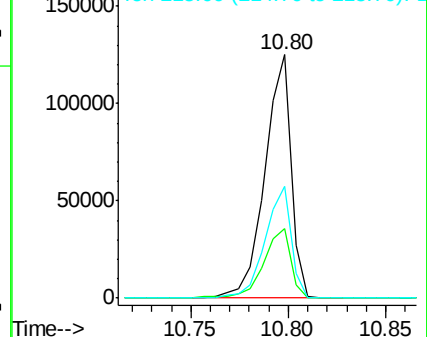
215 45.7 27.2 67.2

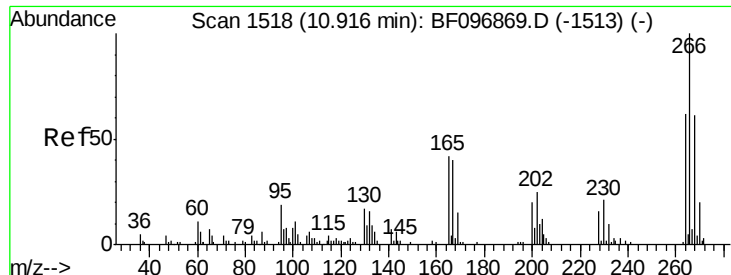


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

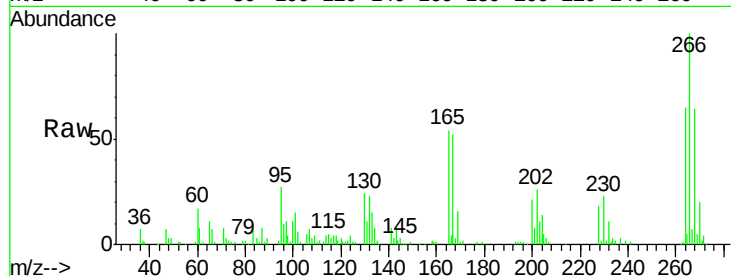




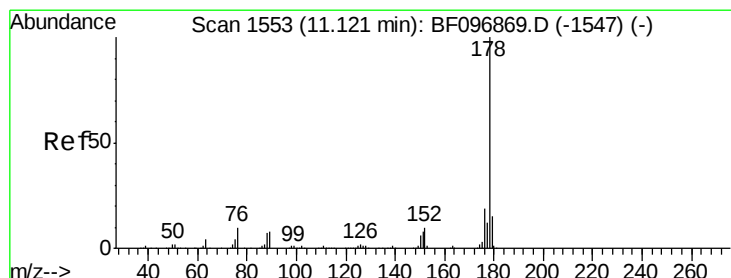
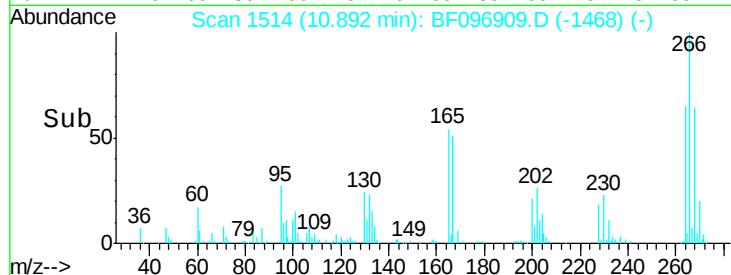
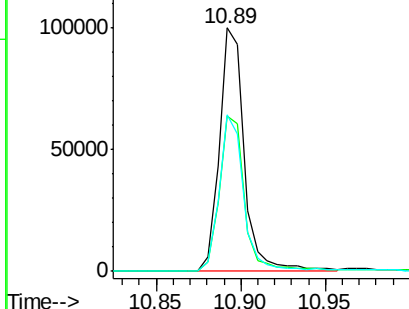
#69
 Pentachlorophenol
 Concen: 59.25 ng
 RT: 10.89 min Scan# 1514
 Delta R.T. -0.03 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :
 PB100793BS

Tgt Ion: 266 Resp: 103071
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.1 76.7
 264 64.6 51.7 77.5

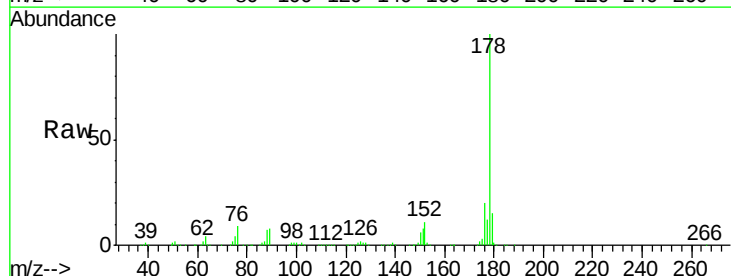


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

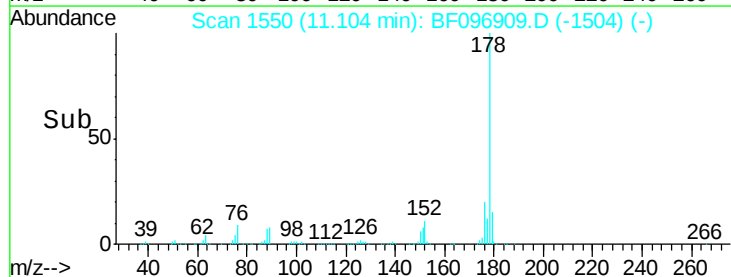
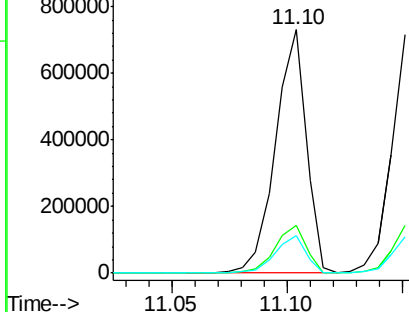


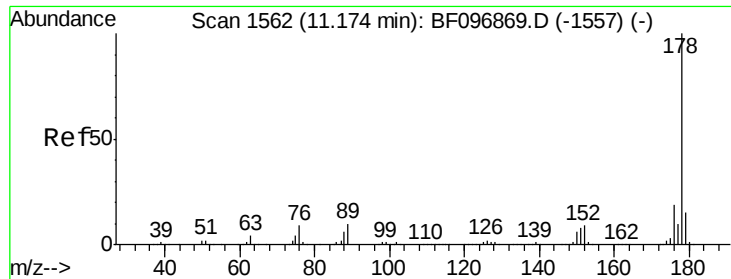
#70
 Phenanthrene
 Concen: 39.26 ng
 RT: 11.10 min Scan# 1550
 Delta R.T. -0.03 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

Tgt Ion: 178 Resp: 676009
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.5 12.6 19.0



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

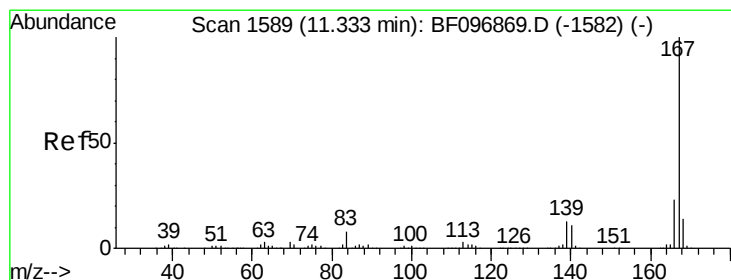
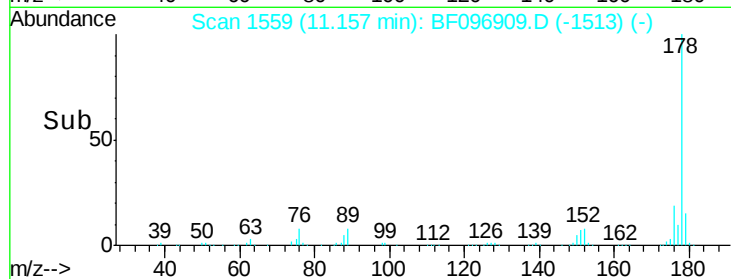
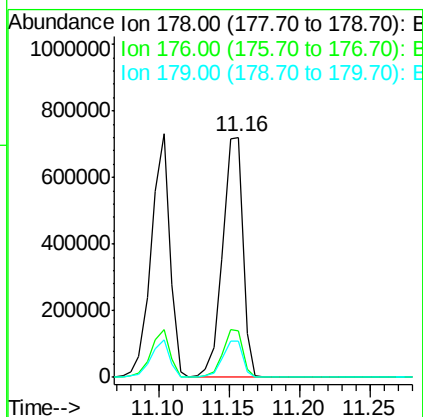
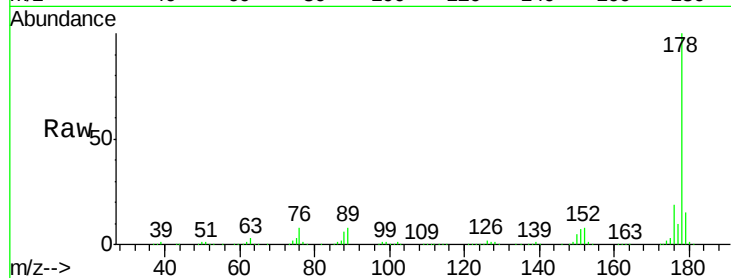




#71
 Anthracene
 Concen: 41.67 ng
 RT: 11.16 min Scan# 1559
 Delta R.T. -0.03 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

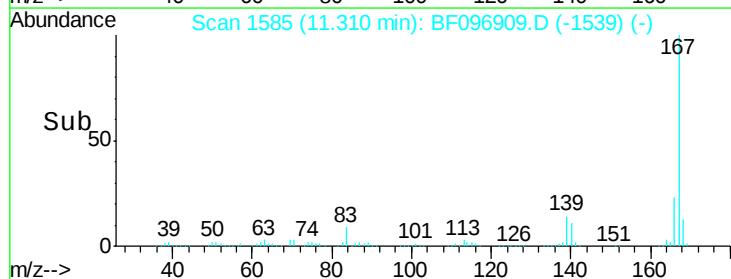
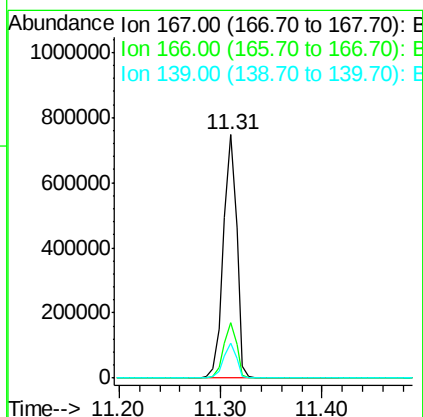
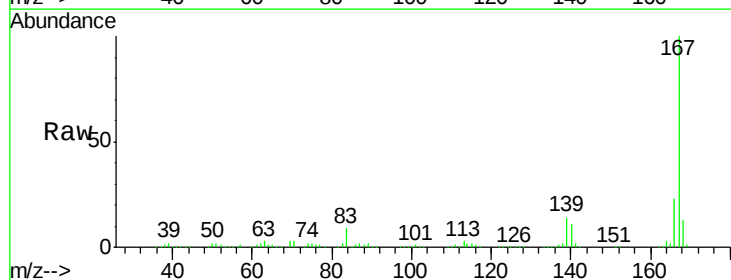
Instrument :
 BNA_F
 ClientSampleId :
 PB100793BS

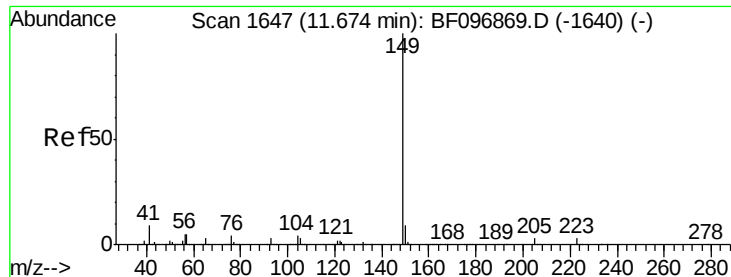
Tgt Ion:178 Resp: 725479
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.0 12.7 19.1



#72
 Carbazole
 Concen: 40.59 ng
 RT: 11.31 min Scan# 1585
 Delta R.T. -0.03 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

Tgt Ion:167 Resp: 684272
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.1 27.1
 139 14.3 11.7 17.5

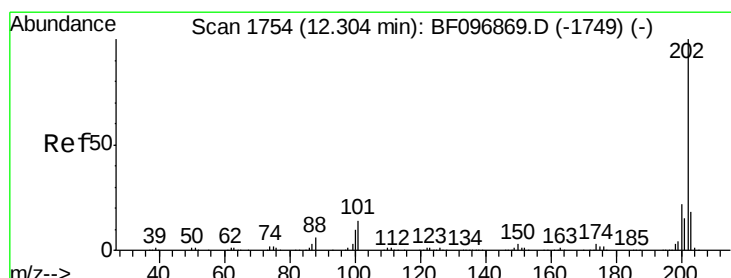
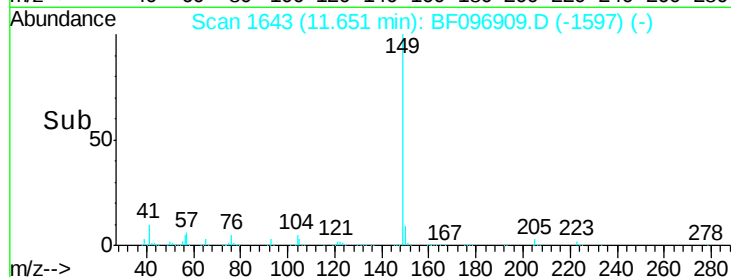
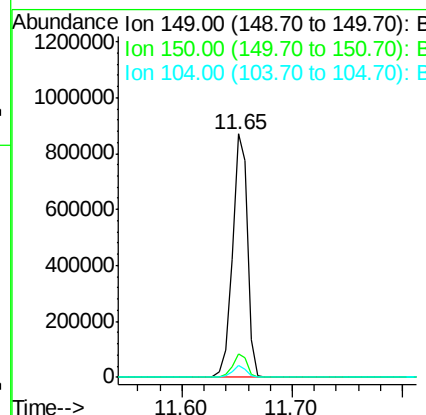
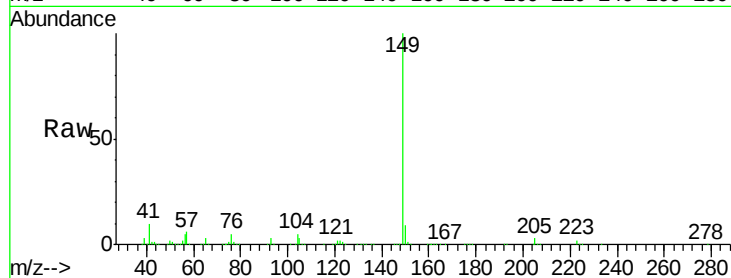




#73
Di-n-butylphthalate
Concen: 39.21 ng
RT: 11.65 min Scan# 1643
Delta R.T. -0.03 min
Lab File: BF096909.D
Acq: 20 Jul 2017 16:50

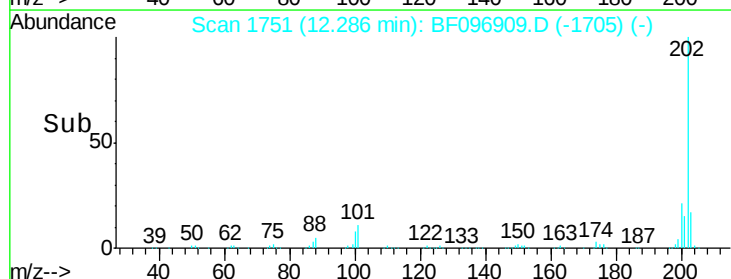
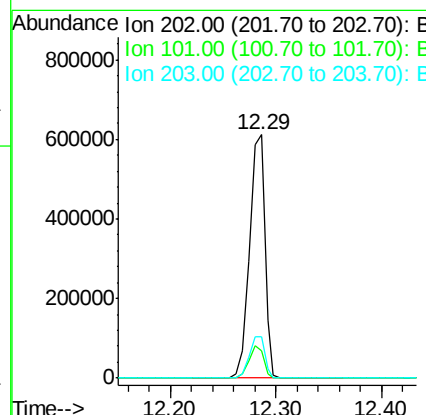
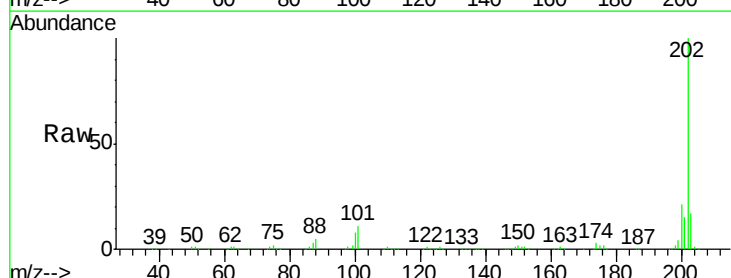
Instrument :
BNA_F
ClientSampleId :
PB100793BS

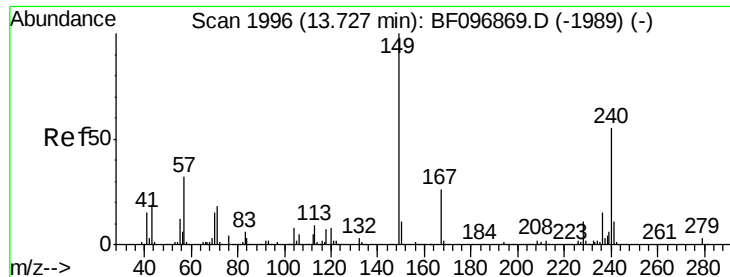
Tgt Ion:149 Resp: 823394
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 4.7 4.0 6.0



#74
Fluoranthene
Concen: 37.19 ng
RT: 12.29 min Scan# 1751
Delta R.T. -0.03 min
Lab File: BF096909.D
Acq: 20 Jul 2017 16:50

Tgt Ion:202 Resp: 612938
Ion Ratio Lower Upper
202 100
101 11.2 0.0 33.2
203 16.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1992

Delta R.T. -0.03 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

Instrument :

BNA_F

ClientSampleId :

PB100793BS

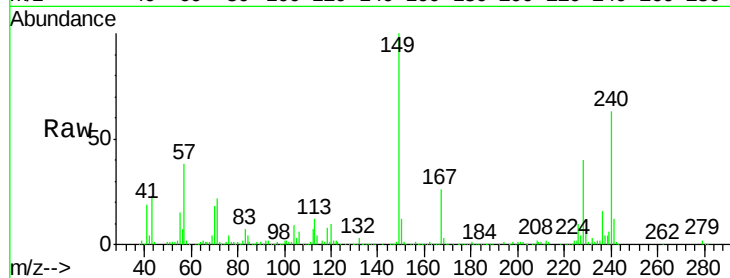
Tgt Ion:240 Resp: 191433

Ion Ratio Lower Upper

240 100

120 15.7 5.8 8.8#

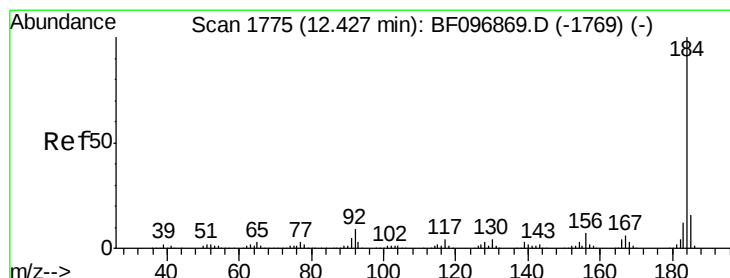
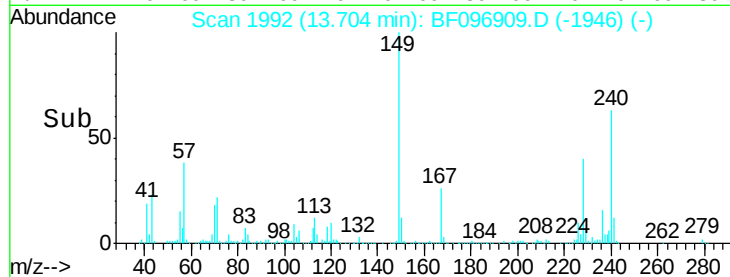
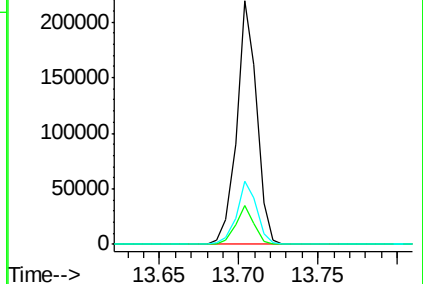
236 25.7 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.81 ng

RT: 12.40 min Scan# 1771

Delta R.T. -0.03 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

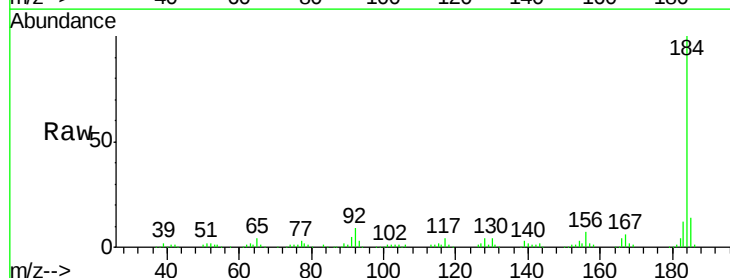
Tgt Ion:184 Resp: 180669

Ion Ratio Lower Upper

184 100

185 14.0 15.5 23.3#

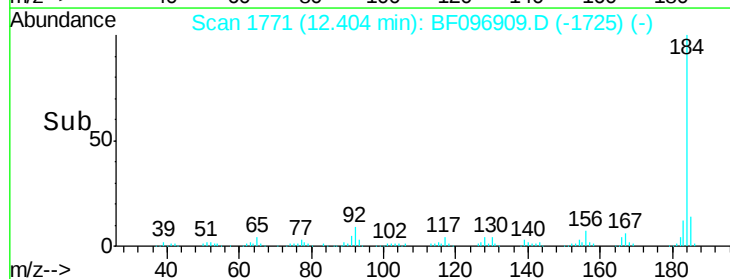
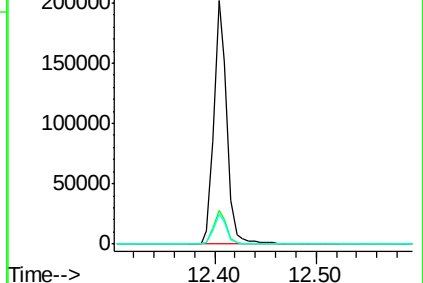
183 12.2 9.8 14.6

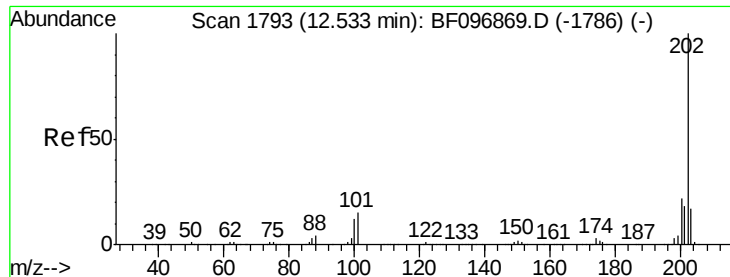


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

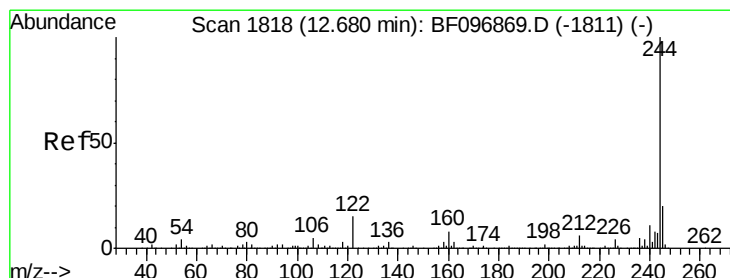
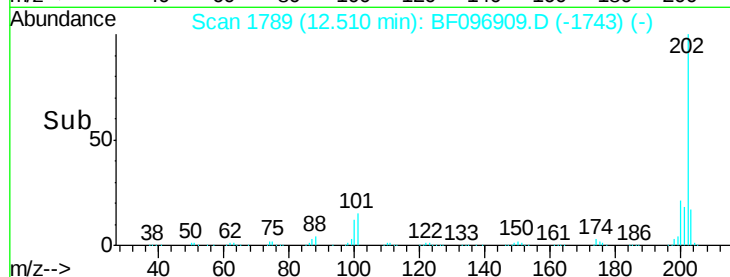
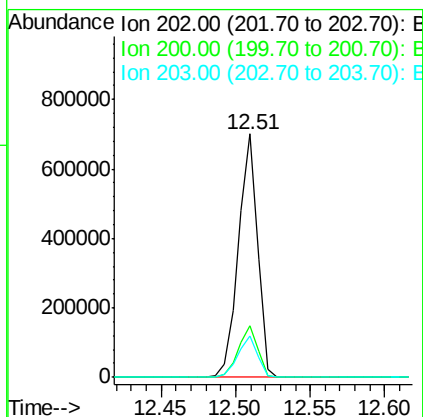
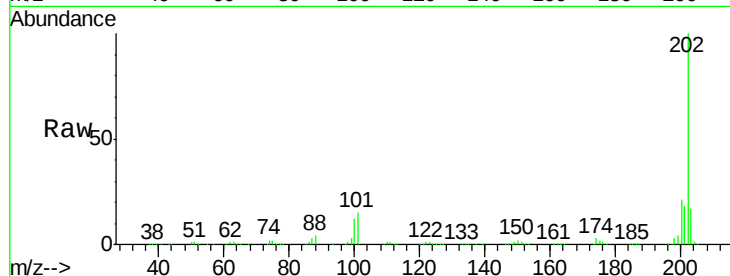




#77
 Pyrene
 Concen: 36.32 ng
 RT: 12.51 min Scan# 1789
 Delta R.T. -0.03 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

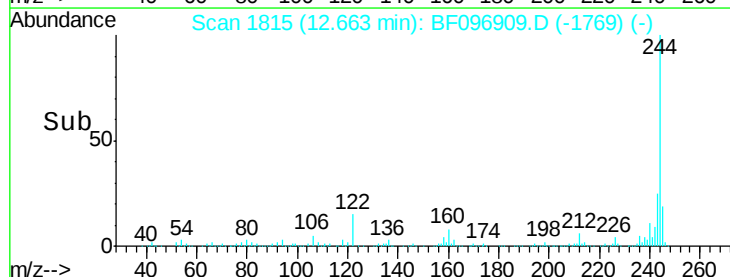
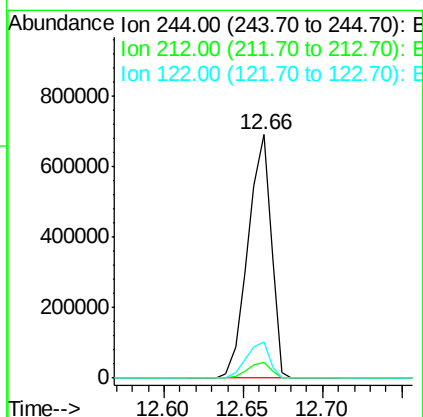
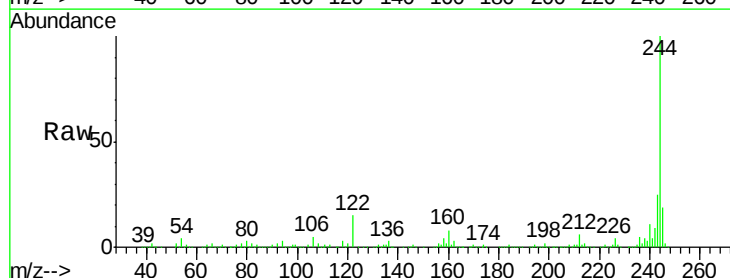
Instrument :
 BNA_F
 ClientSampleId :
 PB100793BS

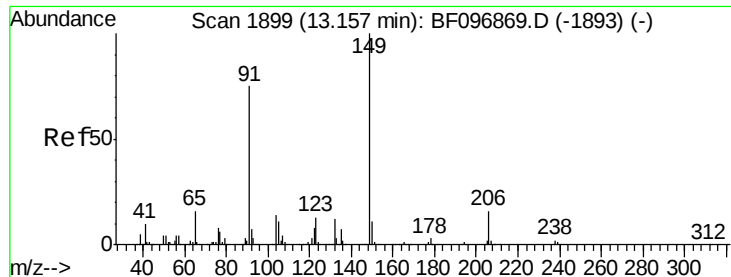
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.1	14.4	21.6



#78
 Terphenyl-d14
 Concen: 63.91 ng
 RT: 12.66 min Scan# 1815
 Delta R.T. -0.03 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	14.9	10.3	15.5

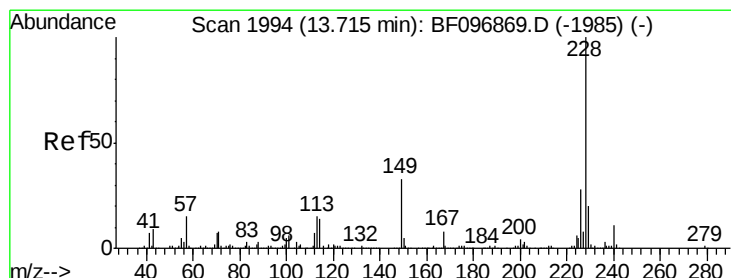
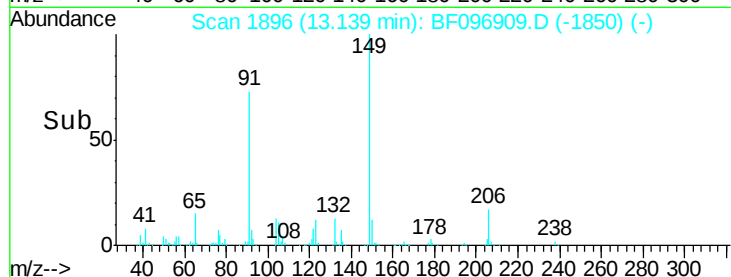
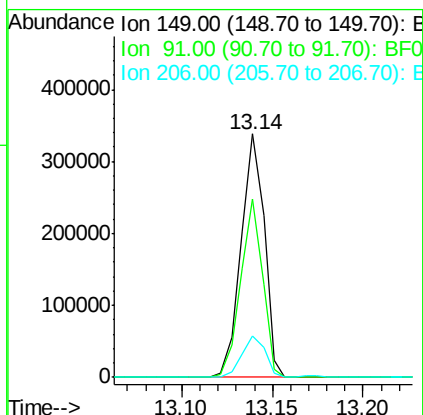
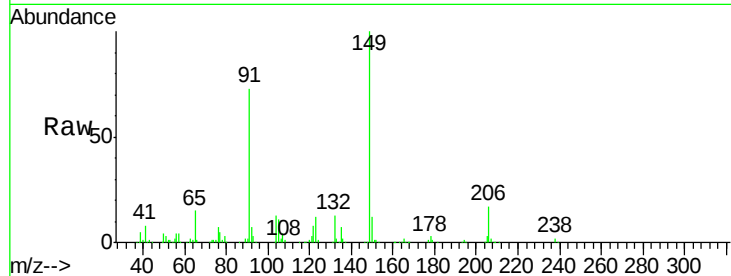




#79
Butylbenzylphthalate
Concen: 36.59 ng
RT: 13.14 min Scan# 1896
Delta R.T. -0.03 min
Lab File: BF096909.D
Acq: 20 Jul 2017 16:50

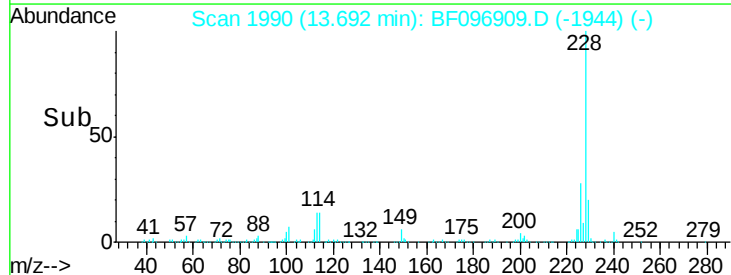
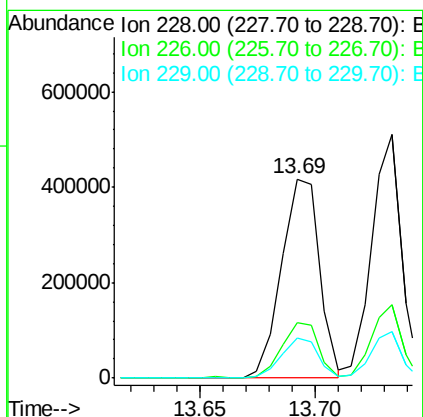
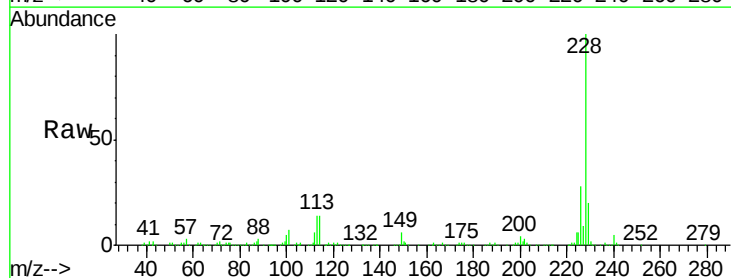
Instrument :
BNA_F
ClientSampleId :
PB100793BS

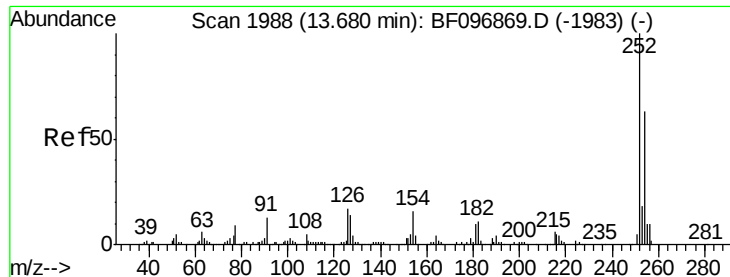
Tgt Ion:149 Resp: 302073
Ion Ratio Lower Upper
149 100
91 73.3 45.0 67.4#
206 17.2 17.0 25.6



#80
Benzo(a)anthracene
Concen: 39.81 ng
RT: 13.69 min Scan# 1990
Delta R.T. -0.03 min
Lab File: BF096909.D
Acq: 20 Jul 2017 16:50

Tgt Ion:228 Resp: 474857
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 20.3 16.3 24.5

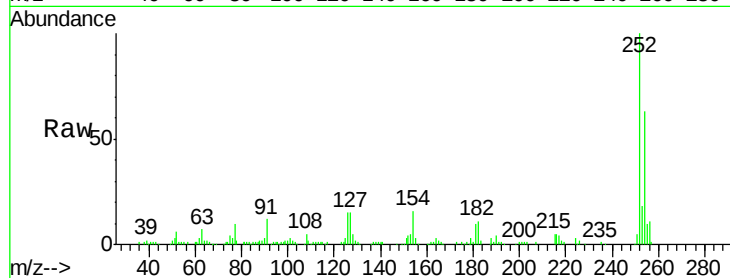




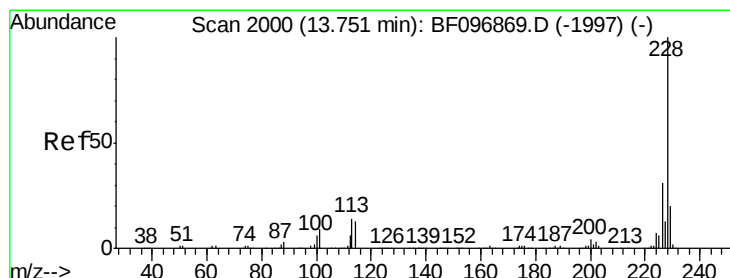
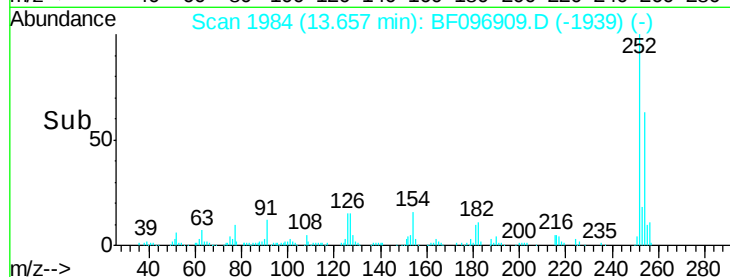
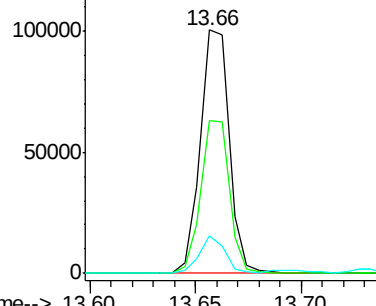
#81
 3,3'-Dichlorobenzidine
 Concen: 21.98 ng
 RT: 13.66 min Scan# 1984
 Delta R.T. -0.04 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :
 PB100793BS

Tgt Ion: 252 Resp: 94280
 Ion Ratio Lower Upper
 252 100
 254 62.7 51.5 77.3
 126 15.4 15.8 23.8#

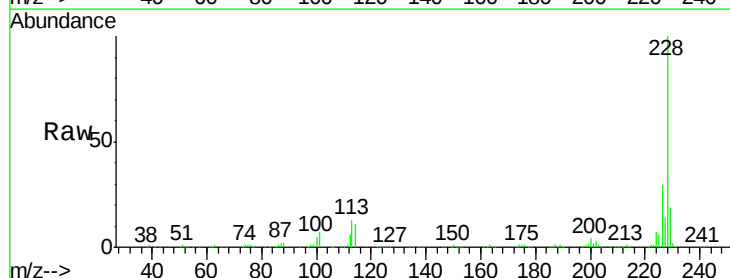


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

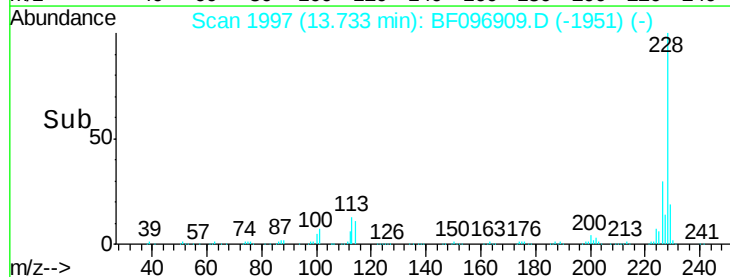
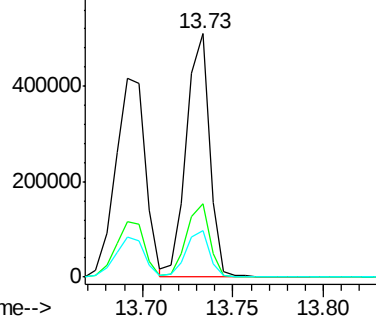


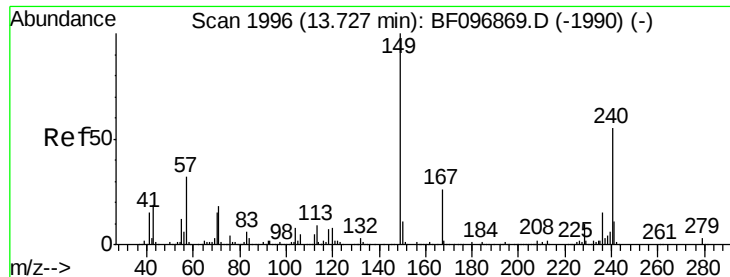
#82
 Chrysene
 Concen: 38.75 ng
 RT: 13.73 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

Tgt Ion: 228 Resp: 454959
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.9 37.3
 229 19.2 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

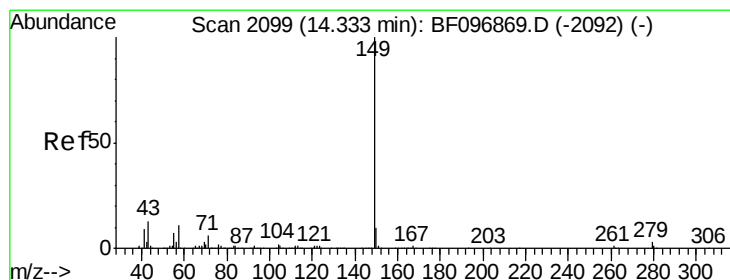
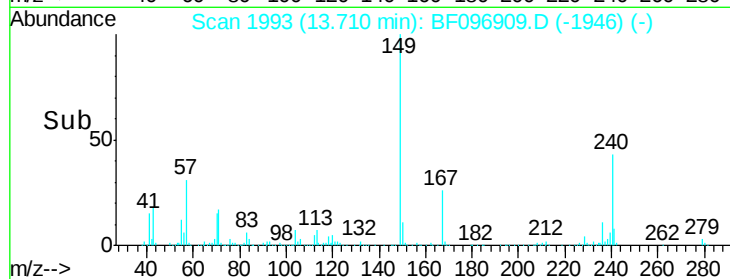
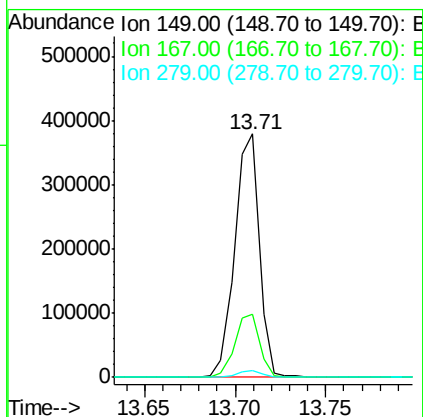
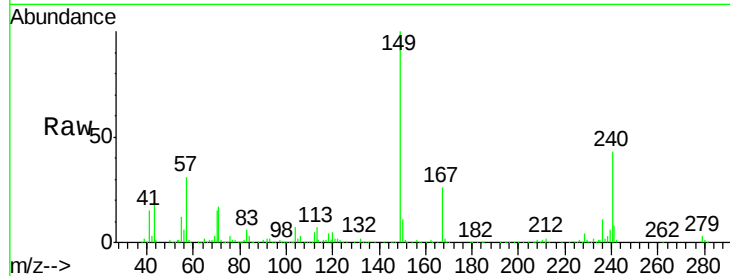




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.69 ng
 RT: 13.71 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

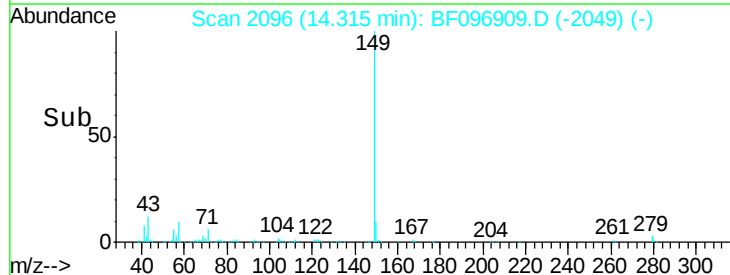
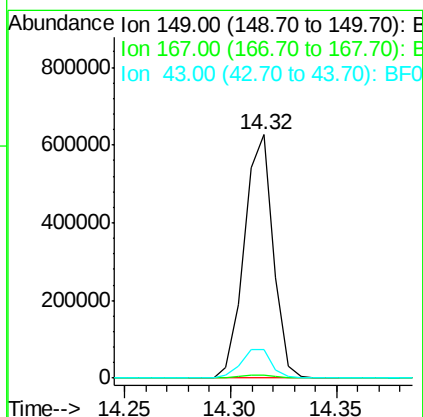
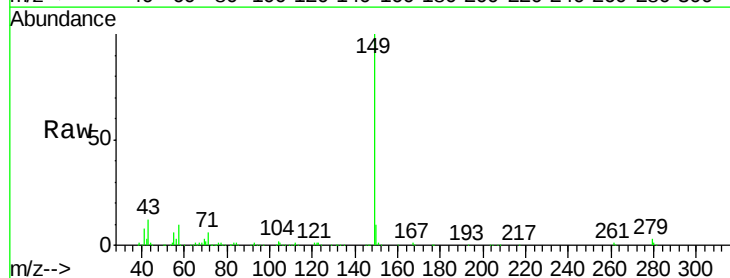
Instrument :
 BNA_F
 ClientSampleId :
 PB100793BS

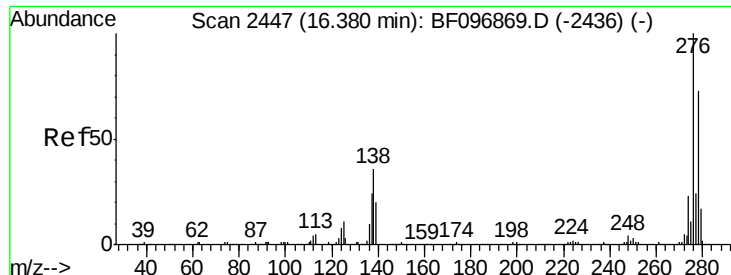
Tgt Ion:149 Resp: 358779
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.0 31.4
 279 2.9 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 35.74 ng
 RT: 14.32 min Scan# 2096
 Delta R.T. -0.02 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

Tgt Ion:149 Resp: 593920
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.4 8.5 12.7

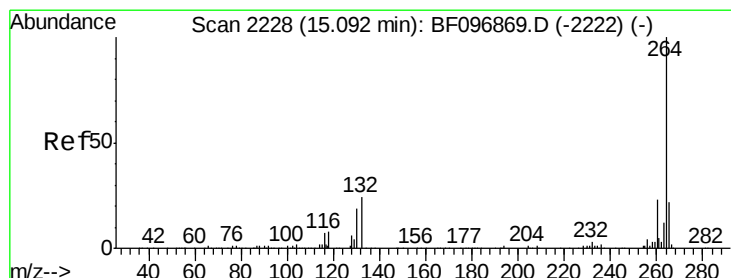
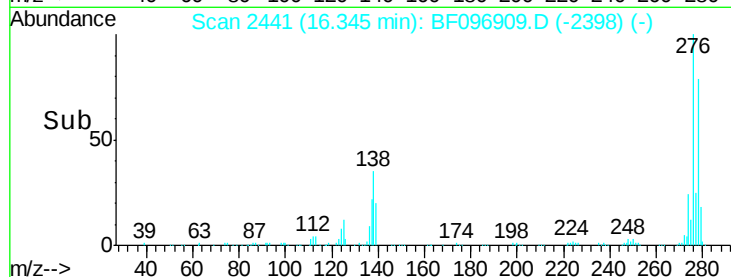
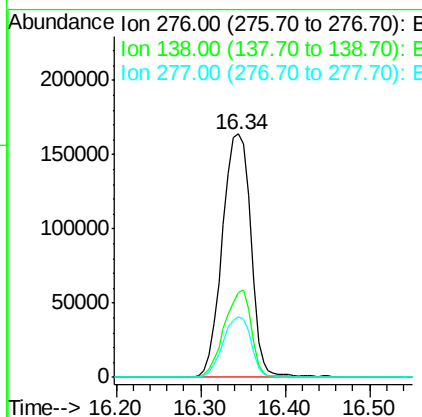
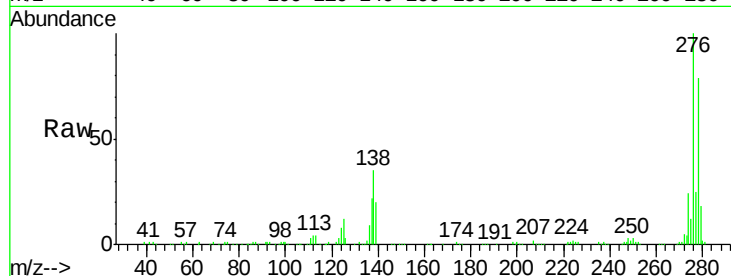




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.67 ng
 RT: 16.34 min Scan# 2441
 Delta R.T. -0.05 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

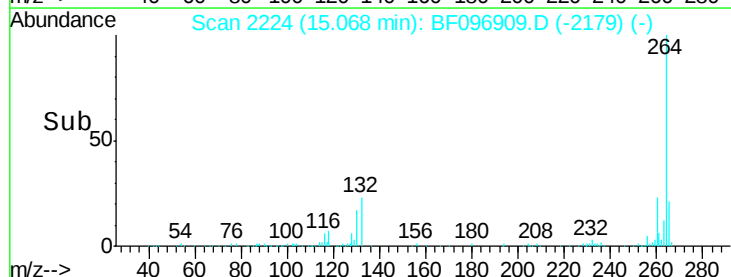
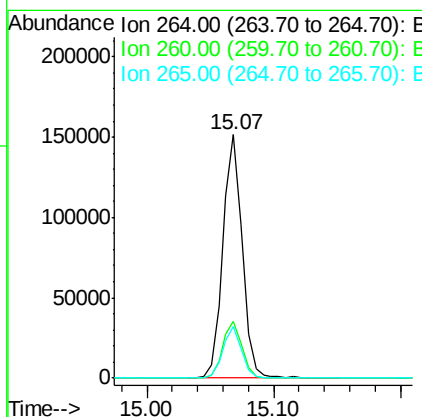
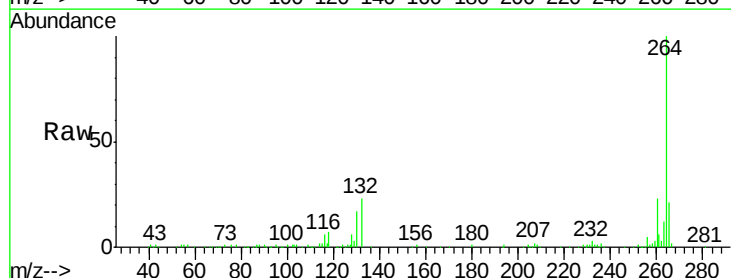
Instrument :
 BNA_F
 ClientSampleId :
 PB100793BS

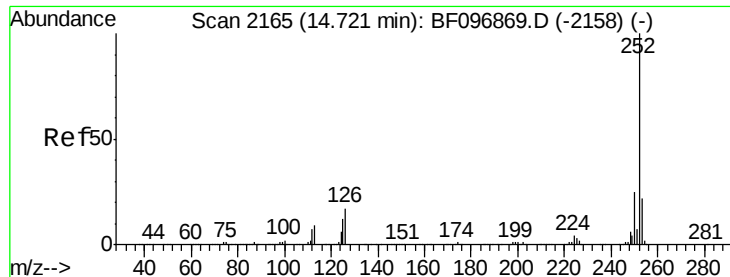
Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.1	27.8	41.6
277	24.6	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 2224
 Delta R.T. -0.04 min
 Lab File: BF096909.D
 Acq: 20 Jul 2017 16:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 39.55 ng

RT: 14.70 min Scan# 2161

Delta R.T. -0.03 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

Instrument :

BNA_F

ClientSampleId :

PB100793BS

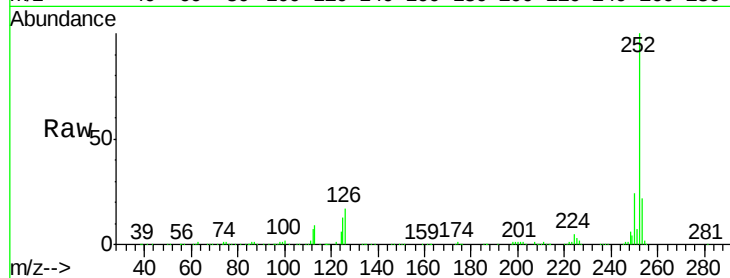
Tgt Ion:252 Resp: 382314

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

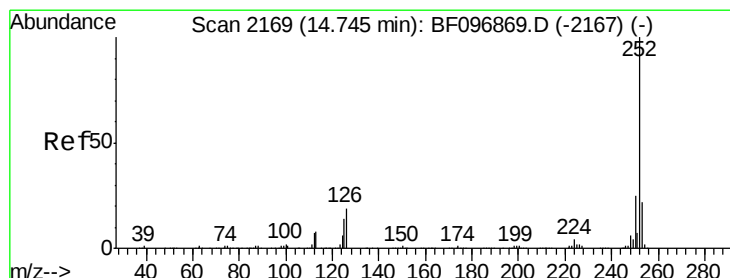
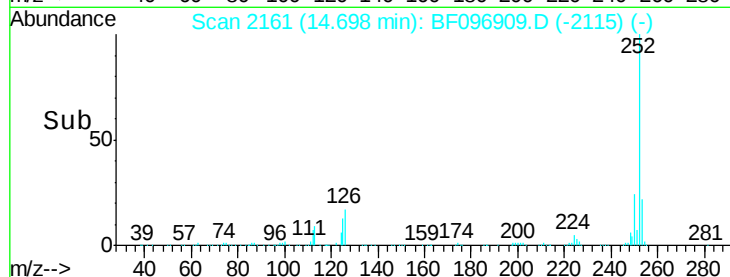
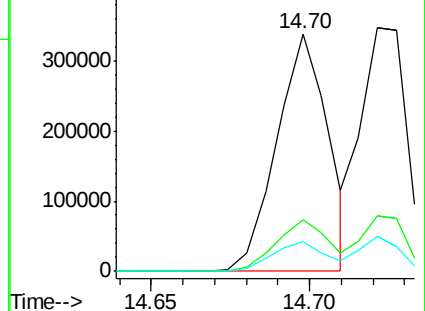
125 12.8 9.8 14.8



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: 38.75 ng

RT: 14.72 min Scan# 2165

Delta R.T. -0.04 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

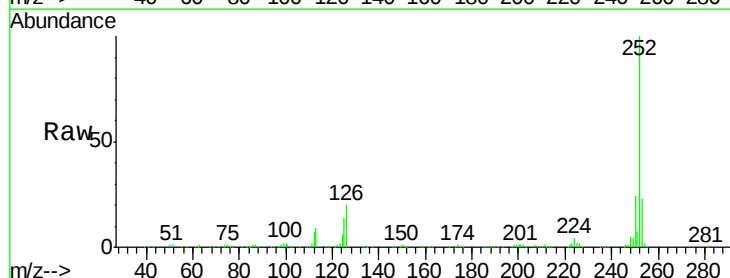
Tgt Ion:252 Resp: 354735

Ion Ratio Lower Upper

252 100

253 22.9 18.4 27.6

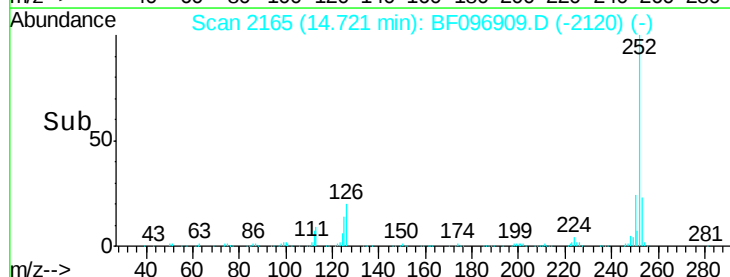
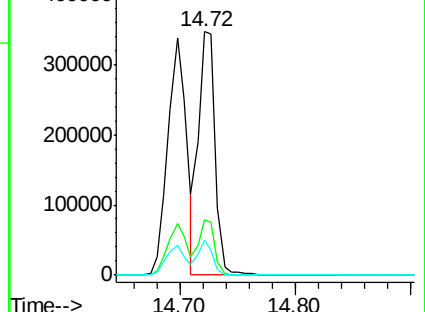
125 14.5 13.1 19.7

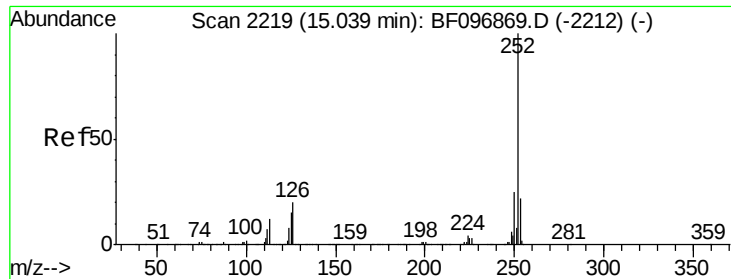


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.77 ng

RT: 15.02 min Scan# 2215

Delta R.T. -0.04 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

Instrument :

BNA_F

ClientSampleId :

PB100793BS

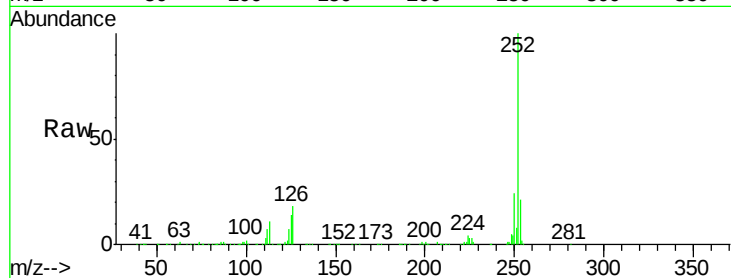
Tgt Ion:252 Resp: 352590

Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

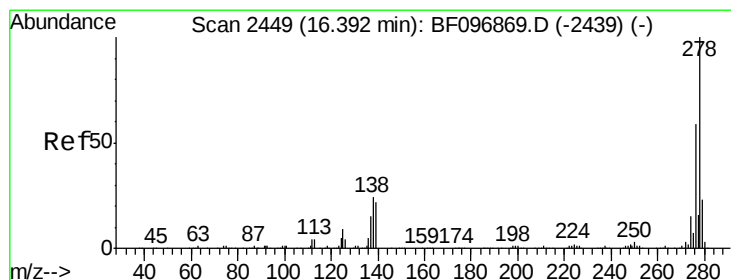
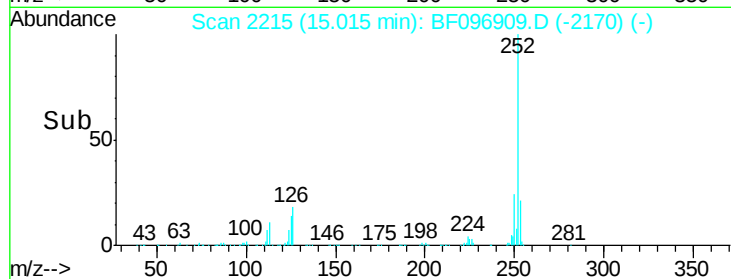
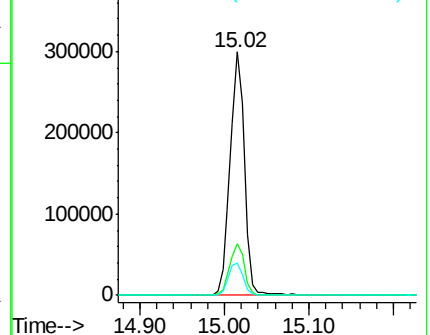
125 13.6 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.68 ng

RT: 16.36 min Scan# 2443

Delta R.T. -0.05 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

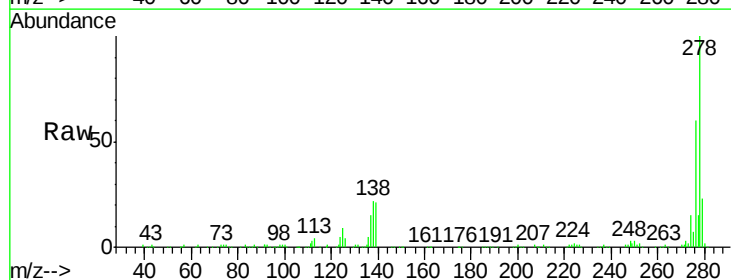
Tgt Ion:278 Resp: 315555

Ion Ratio Lower Upper

278 100

139 21.2 16.6 24.8

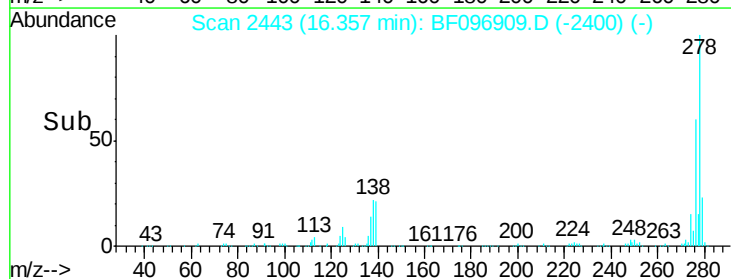
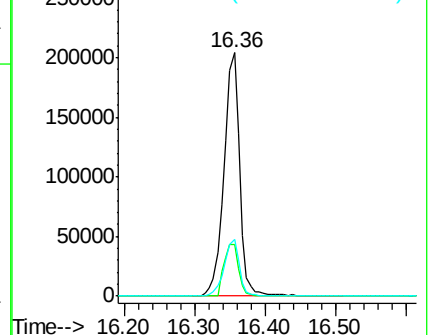
279 23.3 19.3 28.9

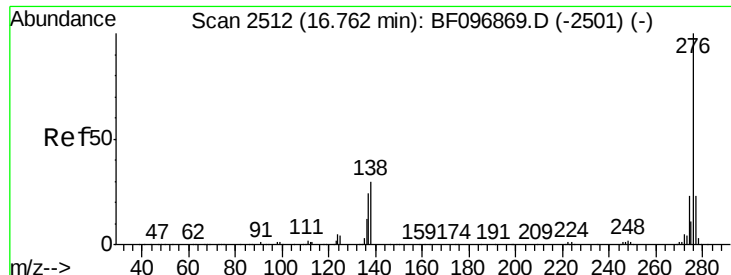


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.60 ng

RT: 16.72 min Scan# 2505

Delta R.T. -0.06 min

Lab File: BF096909.D

Acq: 20 Jul 2017 16:50

Instrument :

BNA_F

ClientSampleId :

PB100793BS

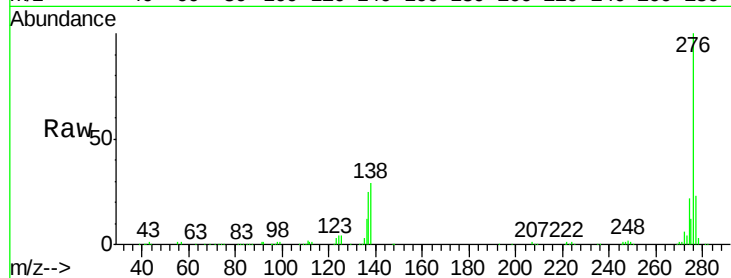
Tgt Ion: 276 Resp: 337201

Ion Ratio Lower Upper

276 100

277 22.9 18.6 28.0

138 29.2 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

