

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF096991.D
 Acq On : 24 Jul 2017 18:04
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 25 01:40:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	143577	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	628089	20.00	ng	-0.02
38) Acenaphthene-d10	9.55	164	277644	20.00	ng	-0.02
63) Phenanthrene-d10	11.02	188	469455	20.00	ng	-0.03
75) Chrysene-d12	13.65	240	264788	20.00	ng	-0.03
86) Perylene-d12	15.00	264	265492	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.12	112	846451	88.64	ng	-0.03
7) Phenol-d6	6.19	99	1036571	90.46	ng	-0.02
23) Nitrobenzene-d5	7.09	82	864342	85.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	183922	77.61	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	1323786	75.33	ng	-0.03
78) Terphenyl-d14	12.61	244	1114628	73.00	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.06	88	191150	38.90	ng	# 77
3) Pyridine	2.68	79	553393	53.59	ng	# 65
4) n-Nitrosodimethylamine	2.65	42	304146	52.67	ng	# 81
6) Aniline	6.18	93	671308	47.56	ng	# 88
8) 2-Chlorophenol	6.31	128	472736	45.89	ng	# 93
9) Benzaldehyde	6.06	77	296369	44.75	ng	# 97
10) Phenol	6.20	94	622058	48.02	ng	# 95
11) bis(2-Chloroethyl)ether	6.26	93	489123	50.21	ng	# 89
12) 1,3-Dichlorobenzene	6.46	146	468620	42.80	ng	# 99
13) 1,4-Dichlorobenzene	6.53	146	463341	41.78	ng	# 94
14) 1,2-Dichlorobenzene	6.69	146	403664	40.02	ng	# 97
15) Benzyl Alcohol	6.68	79	289123	38.54	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	6.81	45	813005	40.44	ng	# 67
17) 2-Methylphenol	6.80	107	330321	41.23	ng	# 89
18) Hexachloroethane	7.03	117	168751	42.92	ng	# 83
19) n-Nitroso-di-n-propylamine	6.95	70	303706	43.99	ng	# 84
20) 3+4-Methylphenols	6.96	107	452928	46.59	ng	# 64
22) Acetophenone	6.94	105	613570	43.71	ng	# 97
24) Nitrobenzene	7.11	77	445264	42.46	ng	# 94
25) Isophorone	7.36	82	813137	43.11	ng	# 96
26) 2-Nitrophenol	7.43	139	252765	43.35	ng	# 93
27) 2,4-Dimethylphenol	7.49	122	391928	40.85	ng	# 97
28) bis(2-Chloroethoxy)methane	7.57	93	607545	47.66	ng	# 99
29) 2,4-Dichlorophenol	7.67	162	363533	41.86	ng	# 95
30) 1,2,4-Trichlorobenzene	7.75	180	342931	41.53	ng	# 98
31) Naphthalene	7.83	128	1216967	40.90	ng	# 100
32) Benzoic acid	7.66	122	354432	57.81	ng	# 97
33) 4-Chloroaniline	7.88	127	505014	42.84	ng	# 98
34) Hexachlorobutadiene	7.95	225	177688	40.31	ng	# 98
35) Caprolactam	8.27	113	104488	37.55	ng	# 58
36) 4-Chloro-3-methylphenol	8.39	107	394253	42.22	ng	# 88
37) 2-Methylnaphthalene	8.52	142	779363	41.09	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	301555	40.18	ng	# 99
40) Hexachlorocyclopentadiene	8.67	237	112961	42.51	ng	# 100

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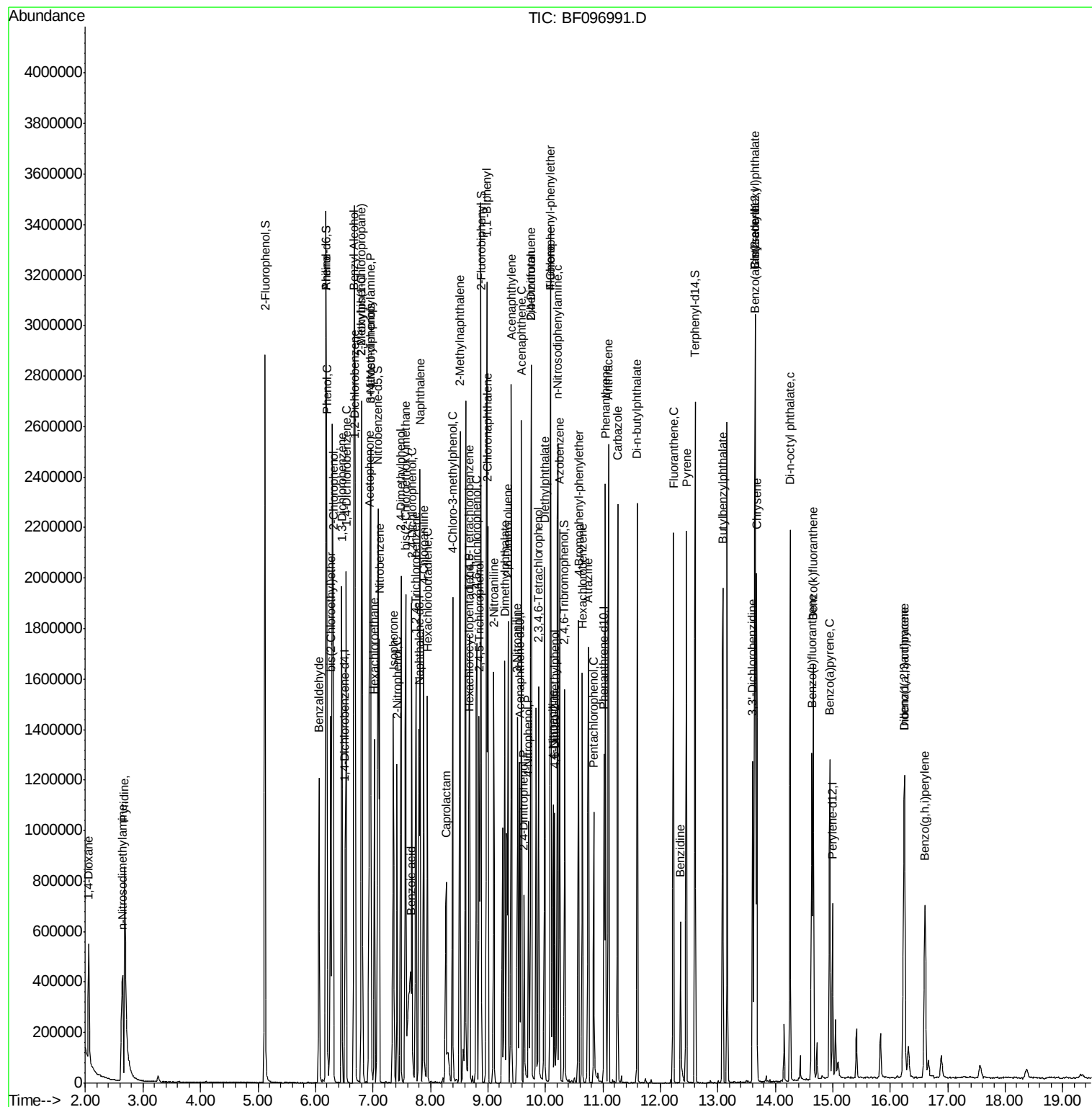
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	238095	43.01	nq	98
43) 2,4,5-Trichlorophenol	8.85	196	231332	41.43	nq	96
45) 1,1'-Biphenyl	8.98	154	942745	39.59	nq	98
46) 2-Chloronaphthalene	9.00	162	707433	40.35	nq	# 92
47) 2-Nitroaniline	9.10	65	295228	48.98	nq	98
48) Acenaphthylene	9.41	152	1065603	38.14	nq	99
49) Dimethylphthalate	9.29	163	876794	41.94	nq	99
50) 2,6-Dinitrotoluene	9.35	165	197196	43.55	nq	# 81
51) Acenaphthene	9.59	154	664472	40.26	nq	99
52) 3-Nitroaniline	9.52	138	243139	45.33	nq	97
53) 2,4-Dinitrophenol	9.63	184	87609	42.52	nq	# 75
54) Dibenzofuran	9.76	168	832896	36.01	nq	98
55) 4-Nitrophenol	9.70	139	162862	41.56	nq	# 63
56) 2,4-Dinitrotoluene	9.75	165	211263	36.31	nq	# 52
57) Fluorene	10.10	166	660861	38.67	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	176172	45.50	nq	98
59) Diethylphthalate	9.99	149	817993	40.19	nq	99
60) 4-Chlorophenyl-phenylether	10.09	204	271284	36.41	nq	95
61) 4-Nitroaniline	10.13	138	238073	47.26	nq	92
62) Azobenzene	10.25	77	749855	41.77	nq	92
64) 4,6-Dinitro-2-methylphenol	10.17	198	135826	46.08	nq	79
65) n-Nitrosodiphenylamine	10.22	169	658629	39.25	nq	98
66) 4-Bromophenyl-phenylether	10.57	248	190278	39.70	nq	95
67) Hexachlorobenzene	10.65	284	220425	41.29	nq	# 90
68) Atrazine	10.75	200	201375	42.12	nq	94
69) Pentachlorophenol	10.84	266	118816	46.07	nq	96
70) Phenanthrene	11.05	178	992823	38.89	nq	99
71) Anthracene	11.10	178	1008839	39.09	nq	100
72) Carbazole	11.26	167	1044388	41.79	nq	99
73) Di-n-butylphthalate	11.60	149	1267195	40.71	nq	100
74) Fluoranthene	12.23	202	901558	36.90	nq	99
76) Benzidine	12.35	184	261409	30.14	nq	# 94
77) Pyrene	12.45	202	944807	39.32	nq	99
79) Butylbenzylphthalate	13.09	149	476390	41.72	nq	# 82
80) Benzo(a)anthracene	13.64	228	740875	44.91	nq	99
81) 3,3'-Dichlorobenzidine	13.61	252	276833	46.66	nq	# 93
82) Chrysene	13.67	228	723167	44.52	nq	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	573178	41.22	nq	98
84) Di-n-octyl phthalate	14.26	149	1045484	45.49	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.24	276	598500	39.60	nq	98
87) Benzo(b)fluoranthene	14.64	252	692916	43.27	nq	99
88) Benzo(k)fluoranthene	14.66	252	559409	36.89	nq	97
89) Benzo(a)pyrene	14.95	252	613103	41.75	nq	99
90) Dibenzo(a,h)anthracene	16.25	278	474092	35.08	nq	96
91) Benzo(g,h,i)perylene	16.60	276	503931	34.82	nq	98

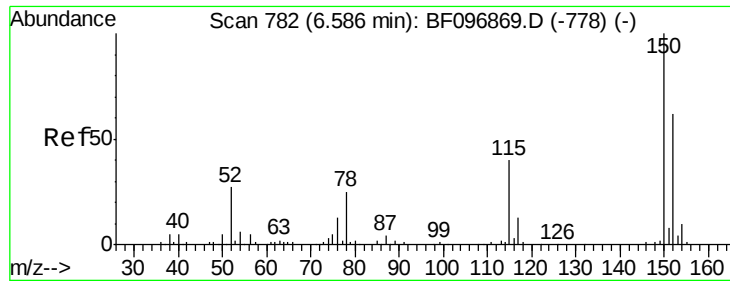
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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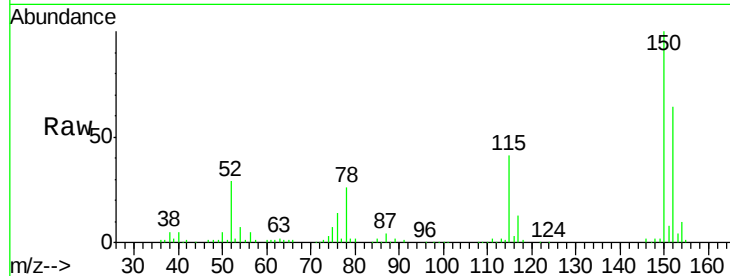


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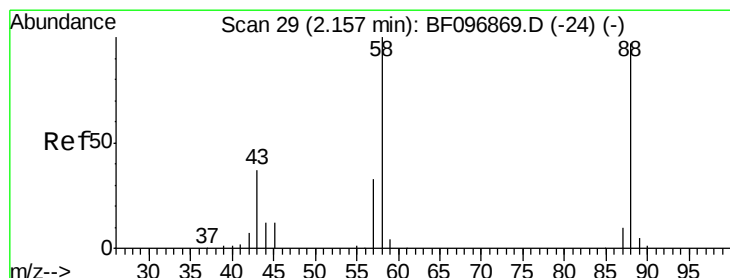
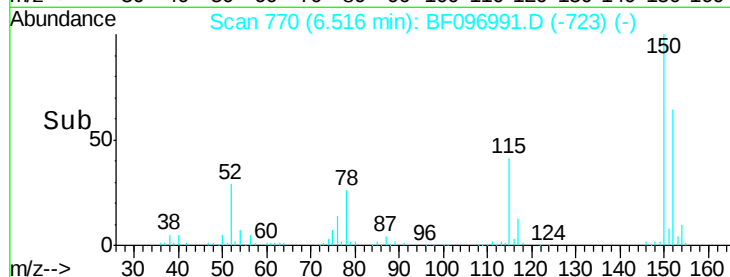
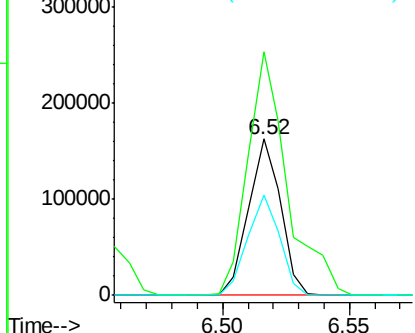
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143577
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 64.6 52.2 78.2



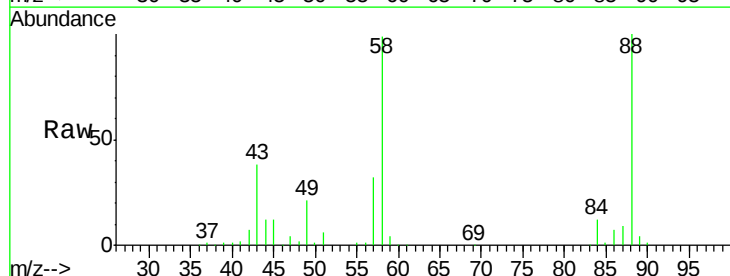
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



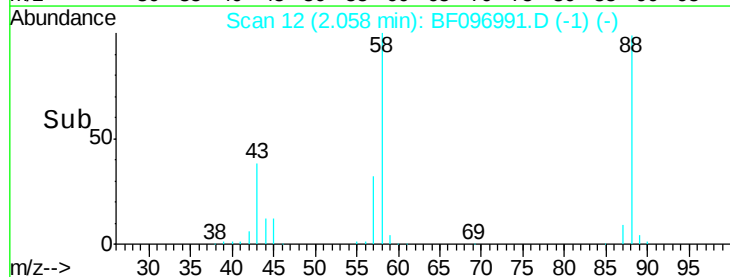
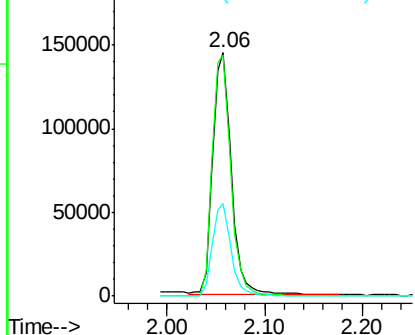
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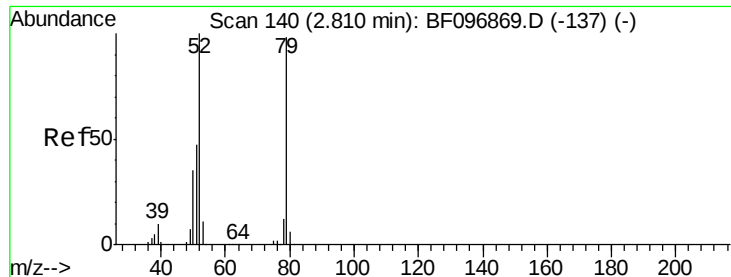
1,4-Dioxane
Concen: 38.90 ng
RT: 2.06 min Scan# 12
Delta R.T. -0.04 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

Tgt Ion: 88 Resp: 191150
Ion Ratio Lower Upper
88 100
58 98.9 61.4 92.0#
43 38.1 23.4 35.0#



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





#3

Pvridine

Concen: 53.59 ng

RT: 2.68 min Scan# 118

Delta R.T. -0.04 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

Instrument :

BNA_F

ClientSampleId :

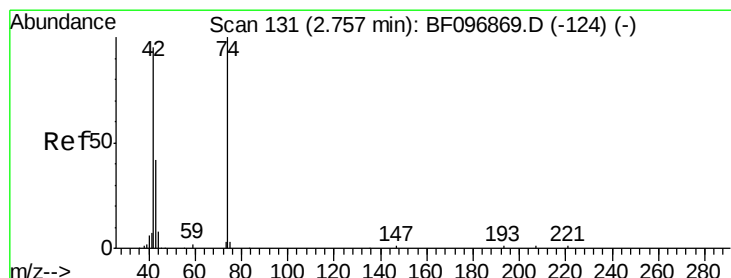
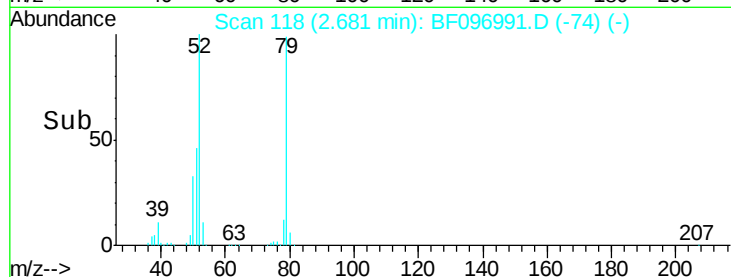
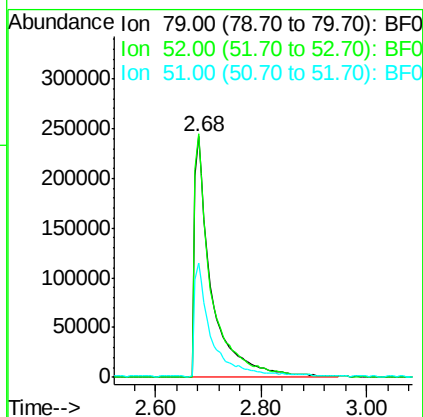
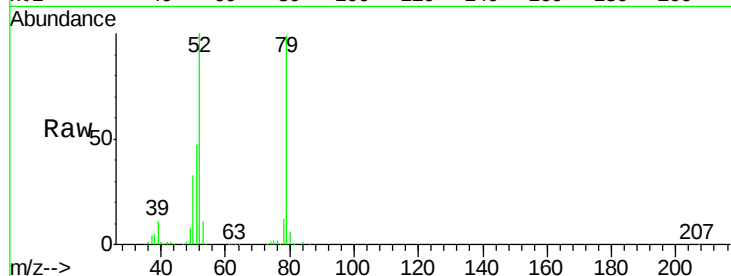
Tot Ion: 79 Resp: 553393

Ion Ratio Lower Upper

79 100

52 101.1 54.8 82.2#

51 47.6 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 52.67 ng

RT: 2.65 min Scan# 112

Delta R.T. -0.04 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

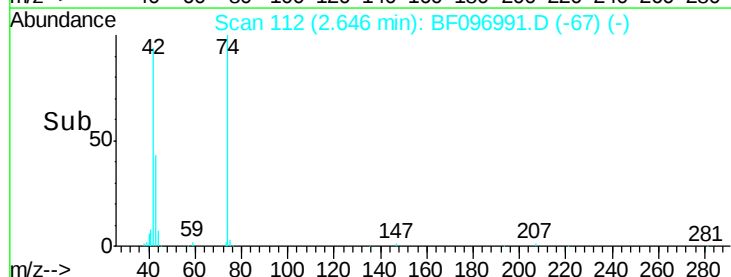
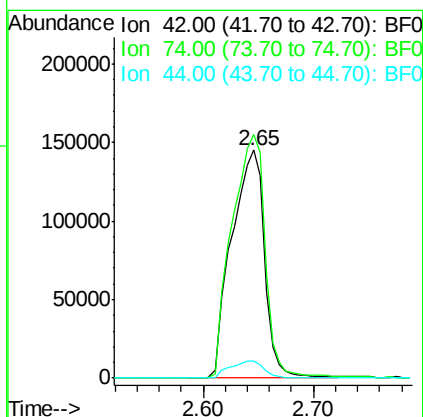
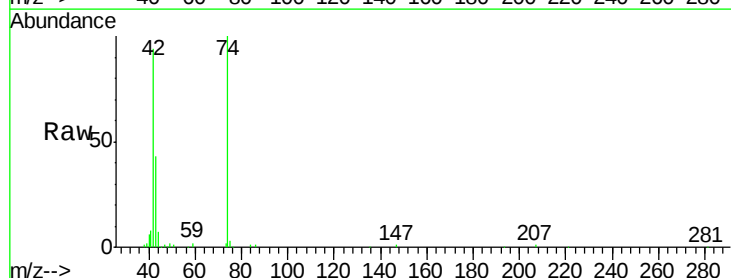
Tgt Ion: 42 Resp: 304146

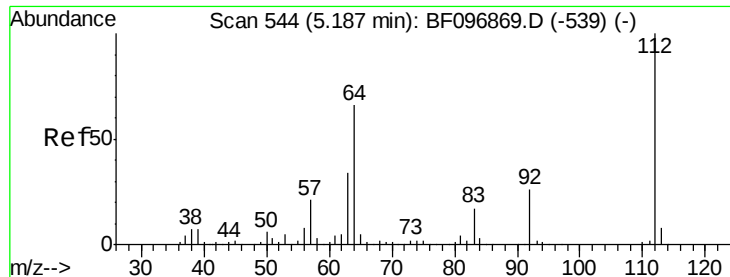
Ion Ratio Lower Upper

42 100

74 106.9 103.9 155.9

44 7.2 5.7 8.5





#5

2-Fluorophenol

Concen: 88.64 ng

RT: 5.12 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

Instrument :

BNA_F

ClientSampled :

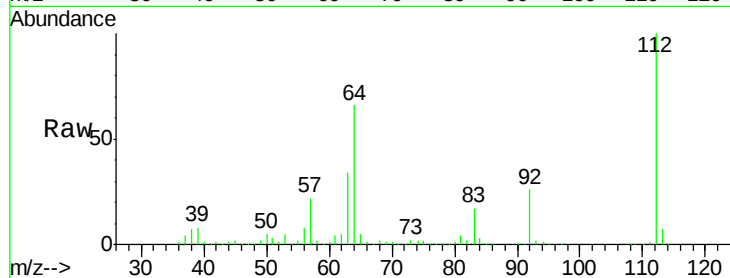
Tot Ion: 112 Resp: 846451

Ion Ratio Lower Upper

112 100

64 66.4 46.0 69.0

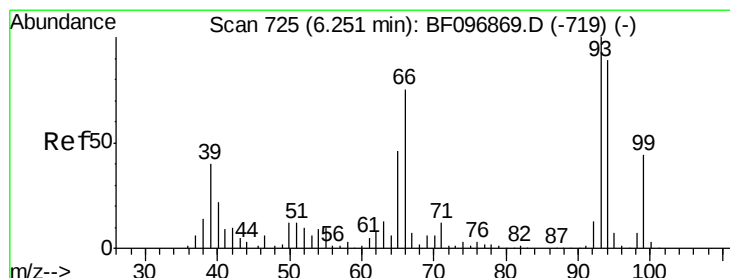
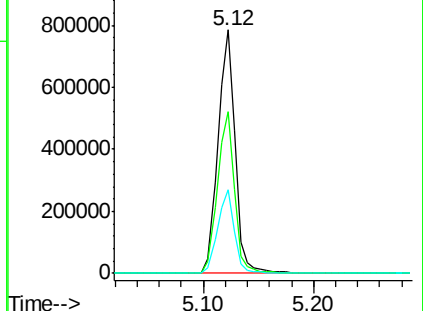
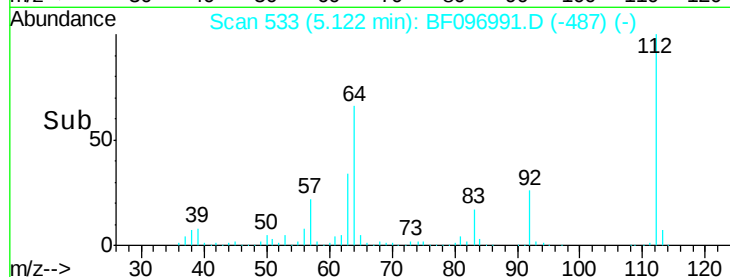
63 34.3 23.4 35.0



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: 47.56 ng

RT: 6.18 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

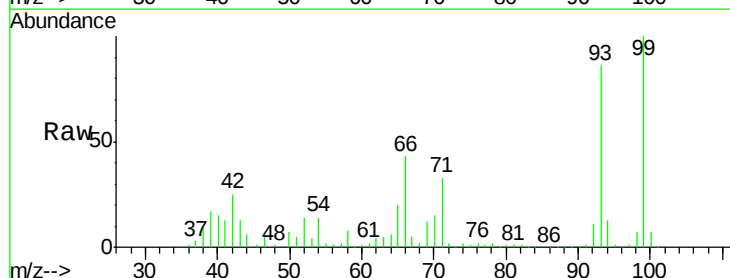
Tgt Ion: 93 Resp: 671308

Ion Ratio Lower Upper

93 100

66 49.7 32.9 49.3#

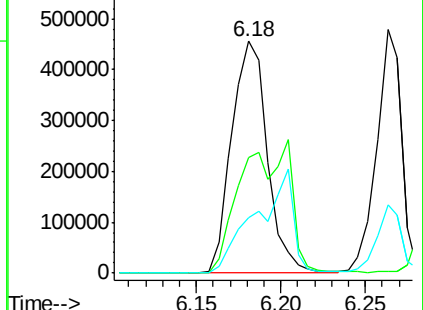
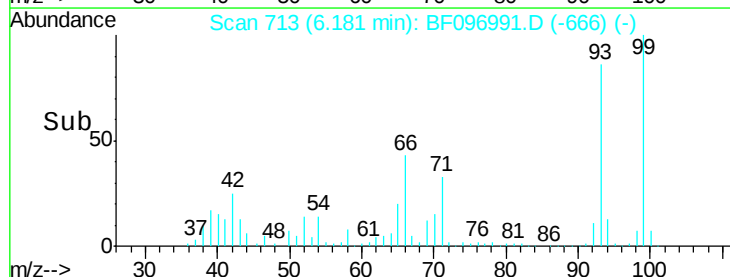
65 23.9 16.0 24.0

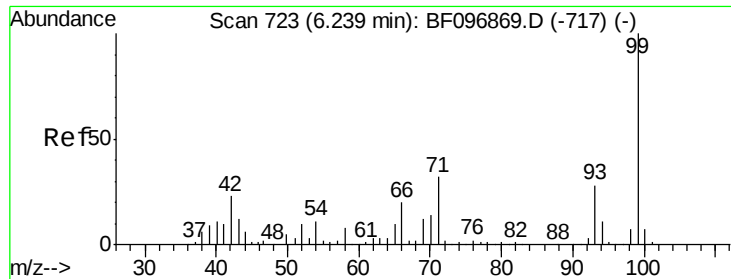


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 90.46 ng

RT: 6.19 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

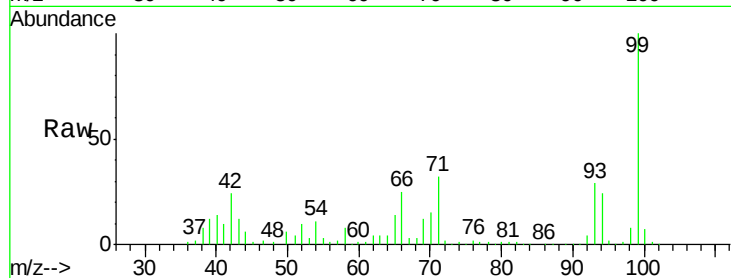
Instrument :

BNA_F

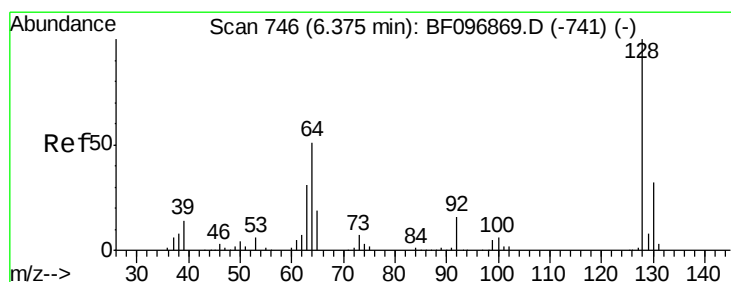
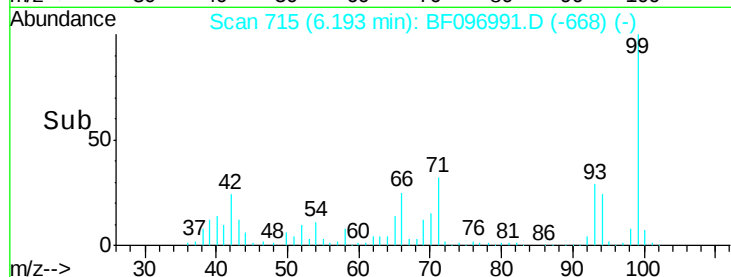
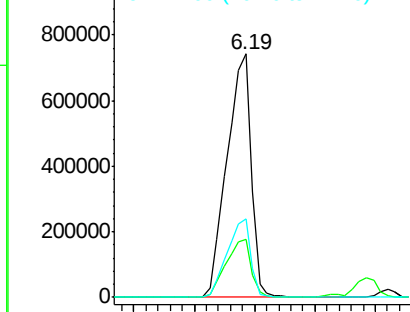
ClientSampleId :

Tot Ion: 99 Resp: 1036571

Ion	Ratio	Lower	Upper
99	100		
42	23.8	13.5	20.3#
71	32.1	24.5	36.7



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



#8

2-Chlorophenol

Concen: 45.89 ng

RT: 6.31 min Scan# 735

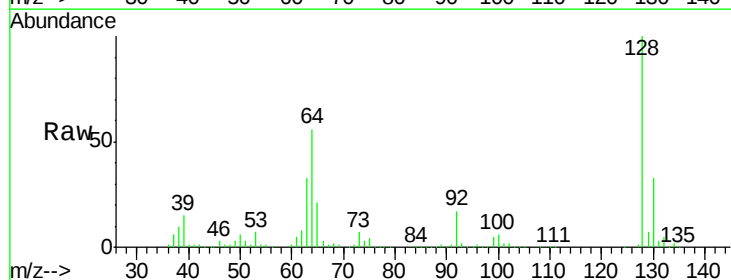
Delta R.T. -0.02 min

Lab File: BF096991.D

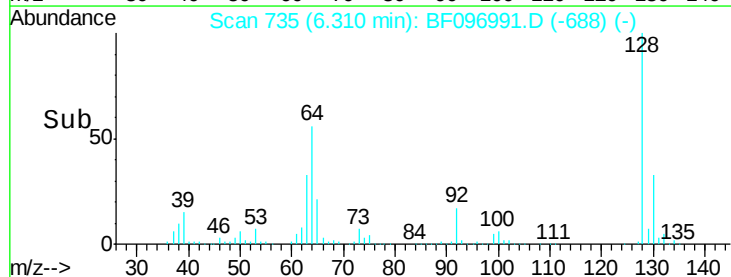
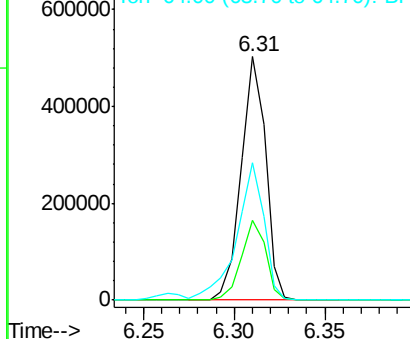
Acq: 24 Jul 2017 18:04

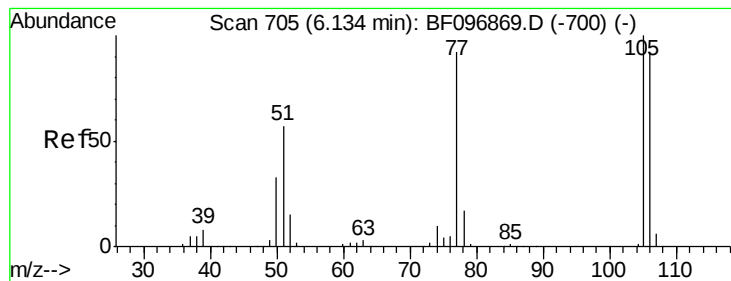
Tgt Ion: 128 Resp: 472736

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	56.5	28.4	68.4



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





#9

Benzaldehyde

Concen: 44.75 ng

RT: 6.06 min Scan# 692

Delta R.T. -0.03 min

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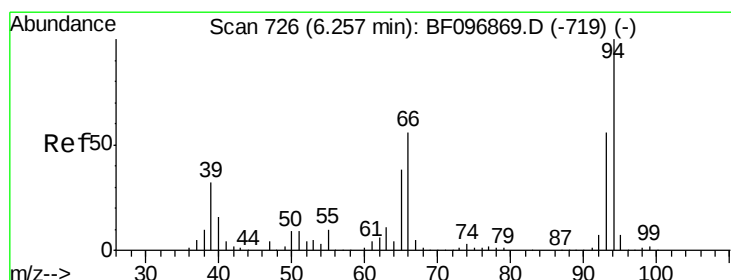
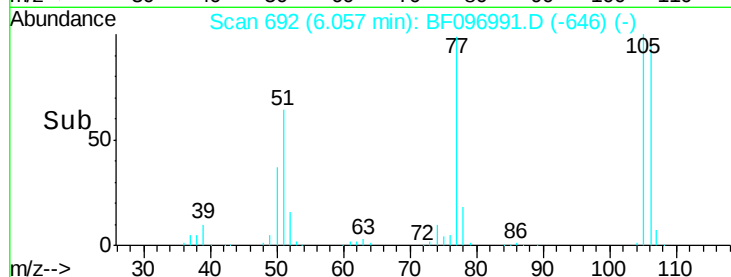
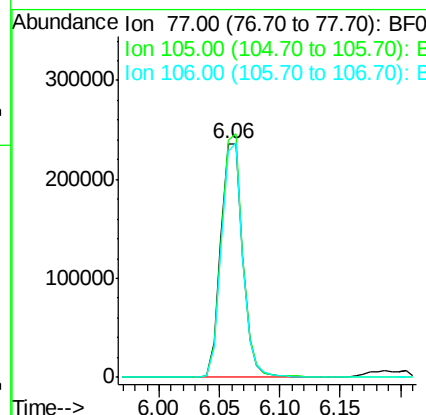
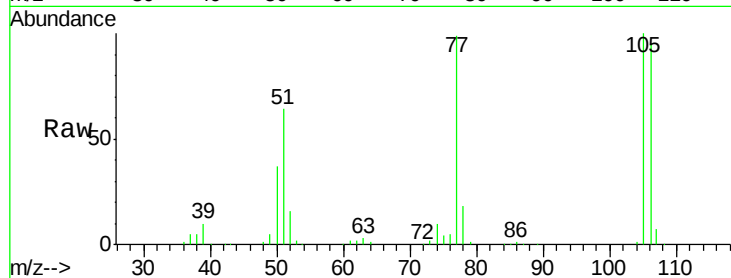
Tot Ion: 77 Resp: 296369

Ion Ratio Lower Upper

77 100

105 101.4 83.8 123.8

106 96.2 79.1 119.1



#10

Phenol

Concen: 48.02 ng

RT: 6.20 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

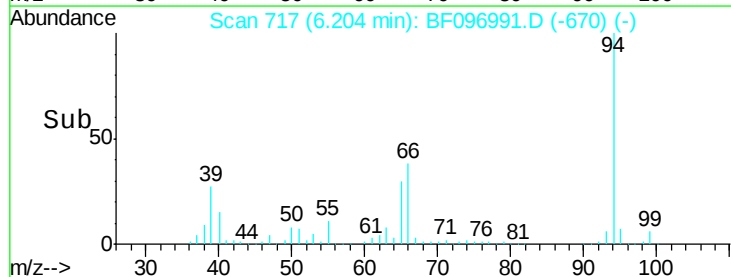
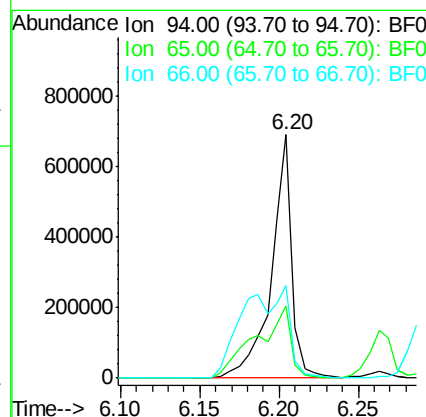
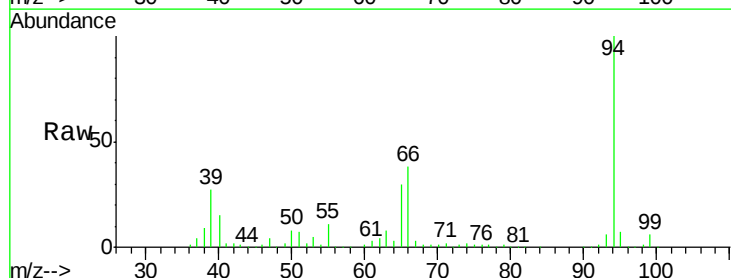
Tgt Ion: 94 Resp: 622058

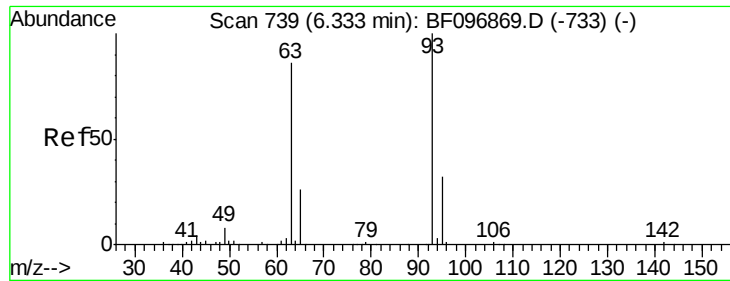
Ion Ratio Lower Upper

94 100

65 29.7 9.9 49.9

66 38.2 23.1 63.1

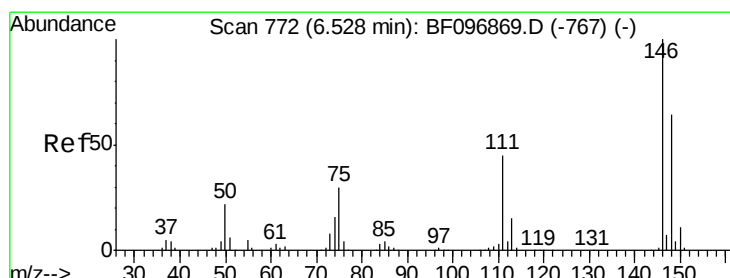
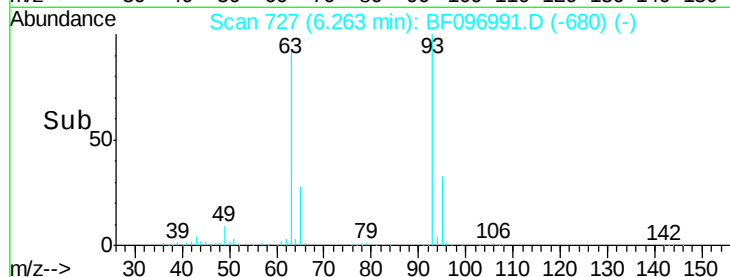
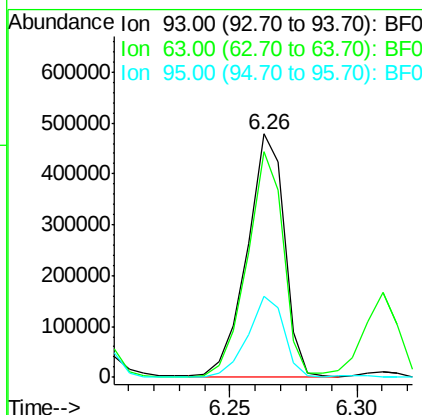
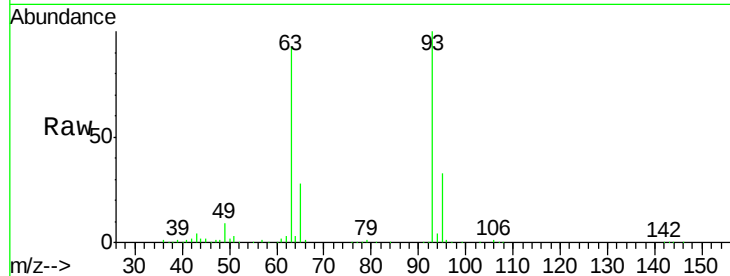




#11
bis(2-Chloroethyl)ether
Concen: 50.21 ng
RT: 6.26 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

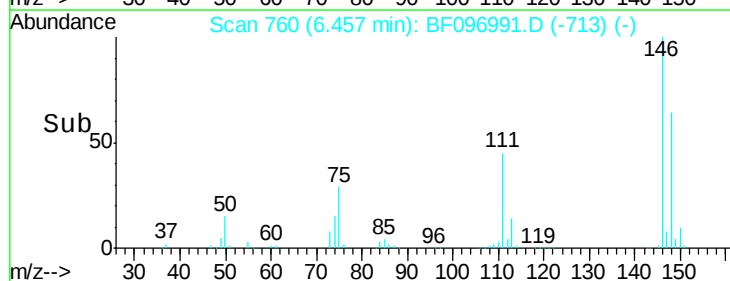
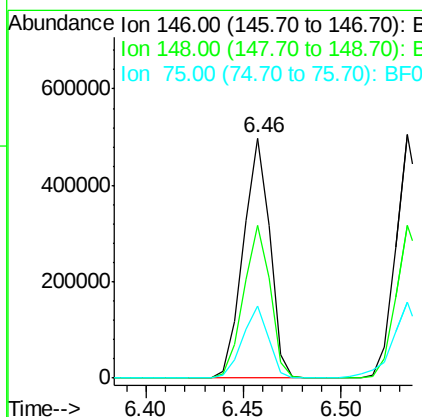
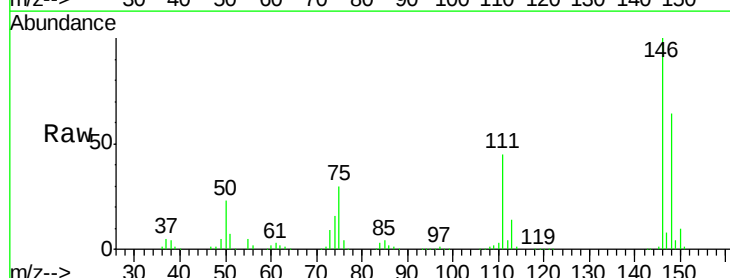
Instrument :
BNA_F
ClientSampleId :

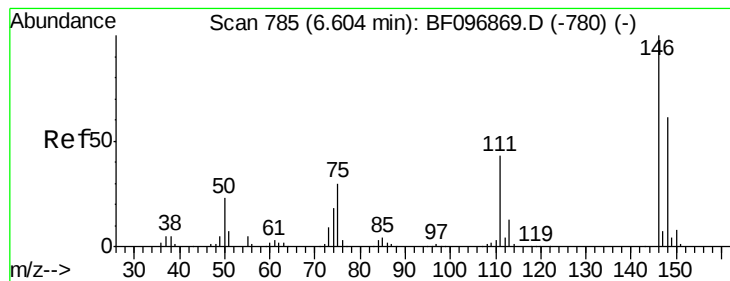
Tot Ion: 93 Resp: 489123
Ion Ratio Lower Upper
93 100
63 92.8 59.2 99.2
95 33.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.80 ng
RT: 6.46 min Scan# 760
Delta R.T. -0.02 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

Tgt Ion: 146 Resp: 468620
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.6
75 29.9 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 41.78 ng

RT: 6.53 min Scan# 773

Delta R.T. -0.03 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

Instrument :

BNA_F

ClientSampleId :

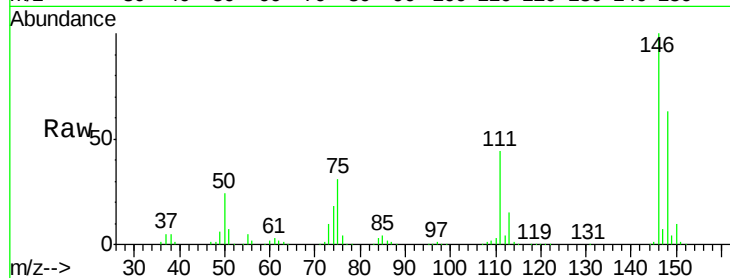
Tot Ion:146 Resp: 463341

Ion Ratio Lower Upper

146 100

148 62.7 52.2 78.2

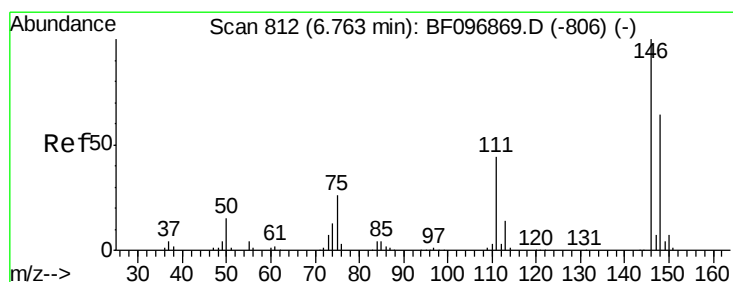
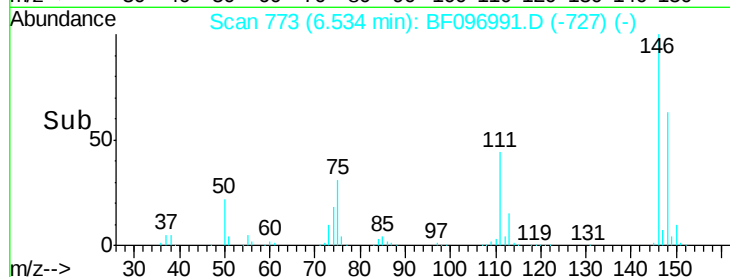
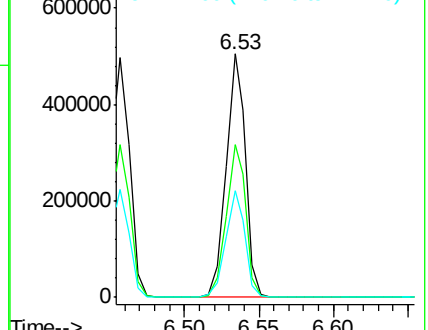
111 43.7 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.02 ng

RT: 6.69 min Scan# 800

Delta R.T. -0.02 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

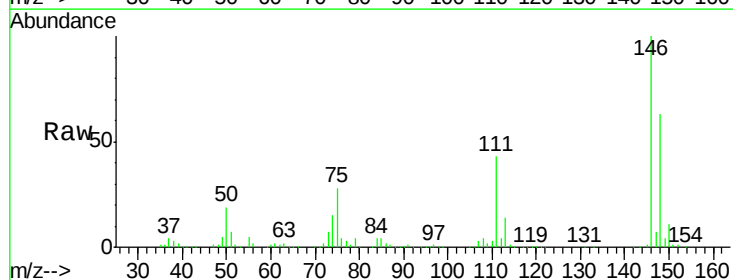
Tgt Ion:146 Resp: 403664

Ion Ratio Lower Upper

146 100

148 63.0 50.4 75.6

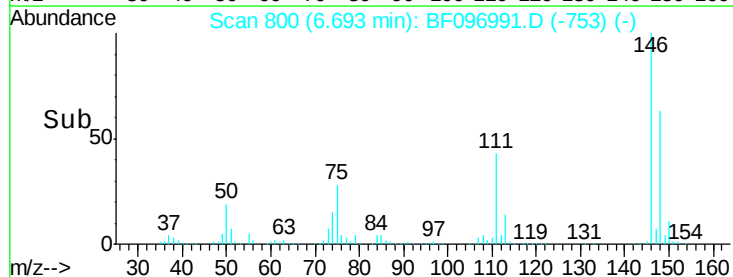
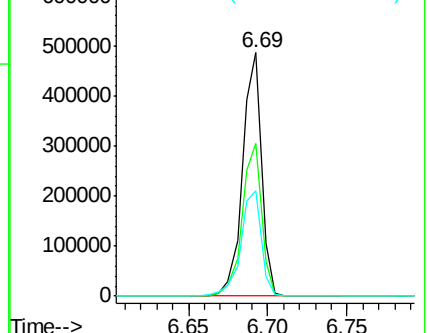
111 43.3 38.2 57.4

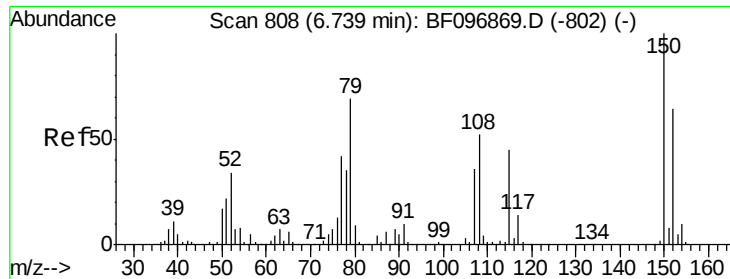


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

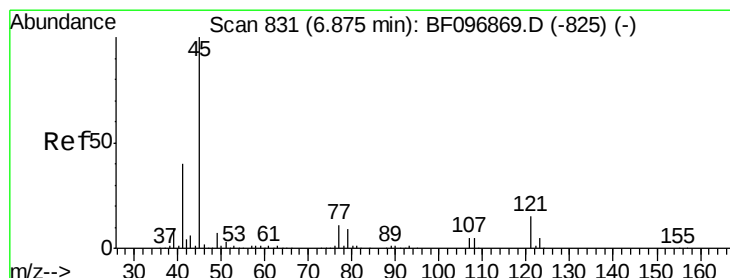
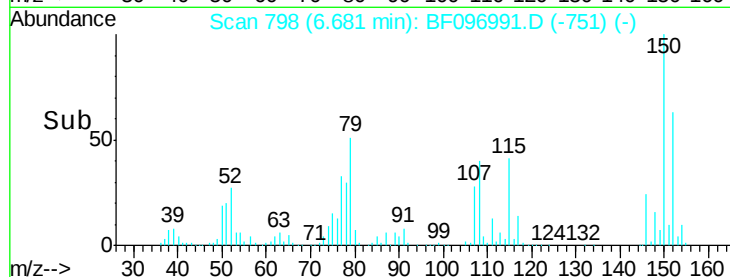
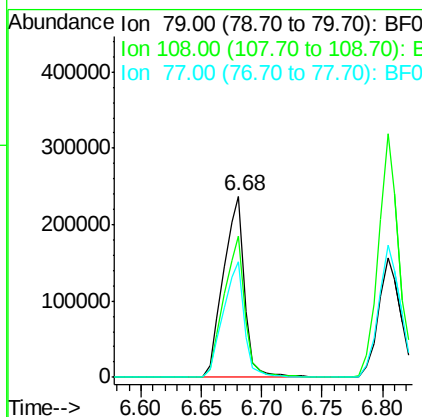
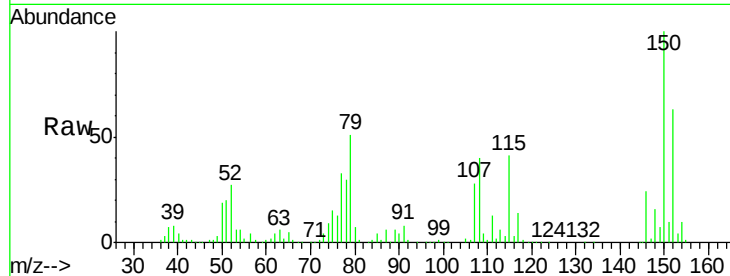




#15
Benzyl Alcohol
Concen: 38.54 ng
RT: 6.68 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

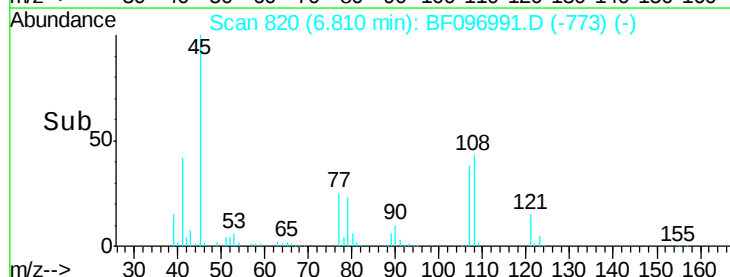
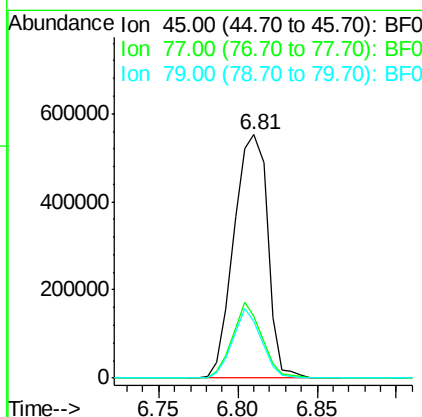
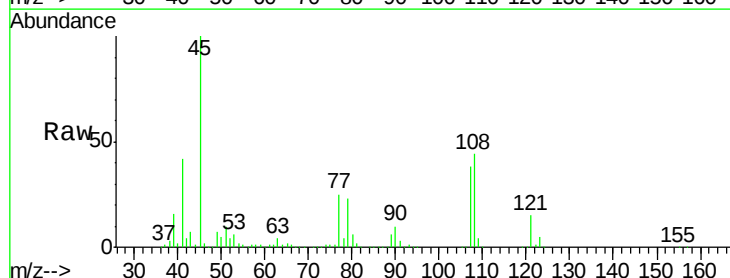
Instrument :
BNA_F
ClientSampled :

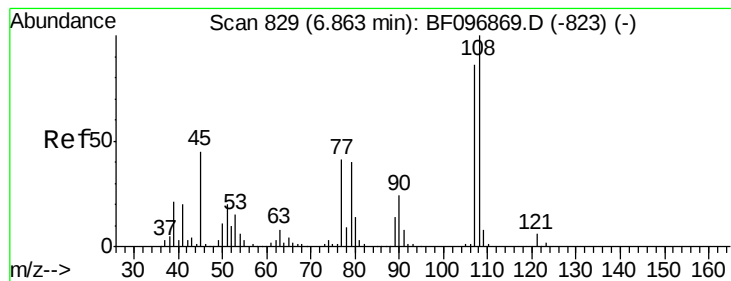
Tot Ion: 79 Resp: 289123
Ion Ratio Lower Upper
79 100
108 78.0 63.4 95.0
77 64.2 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.44 ng
RT: 6.81 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

Tgt Ion: 45 Resp: 813005
Ion Ratio Lower Upper
45 100
77 25.3 0.0 33.2
79 23.2 0.0 30.0

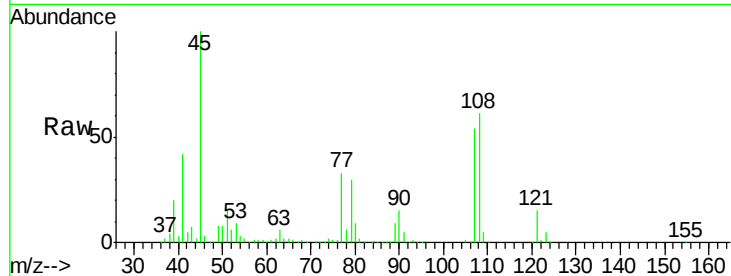




#17
2-Methylphenol
Concen: 41.23 ng
RT: 6.80 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	93.4	140.0
77	61.6	35.8	53.6#
79	56.0	34.8	52.2#



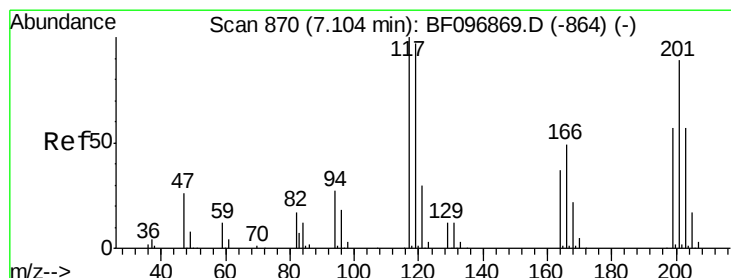
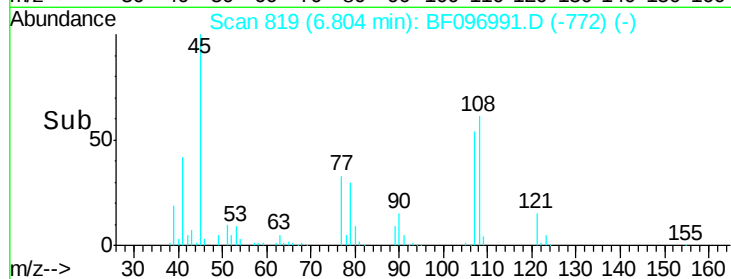
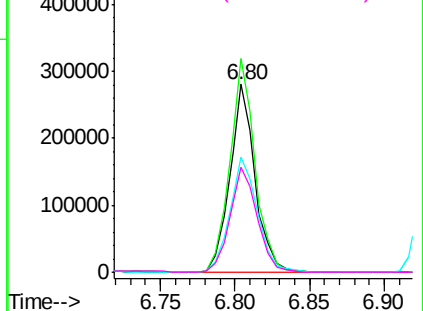
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

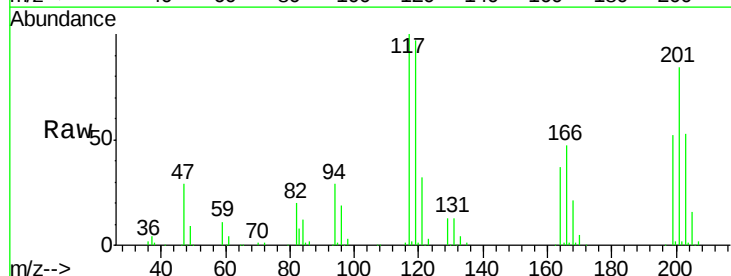
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 42.92 ng
RT: 7.03 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.4	116.0
201	84.3	94.6	141.8#

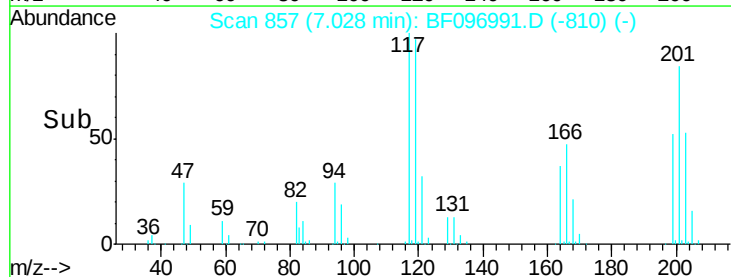
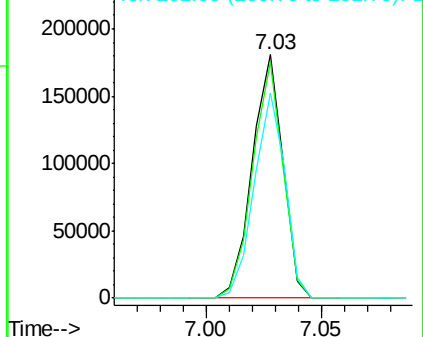


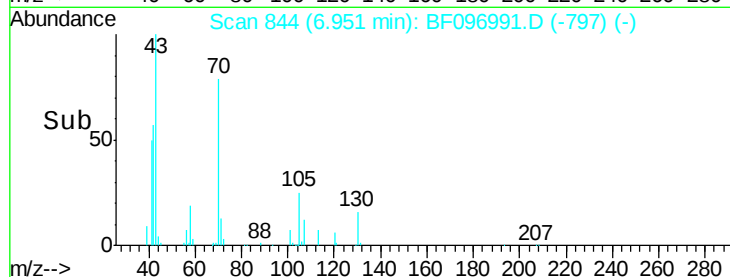
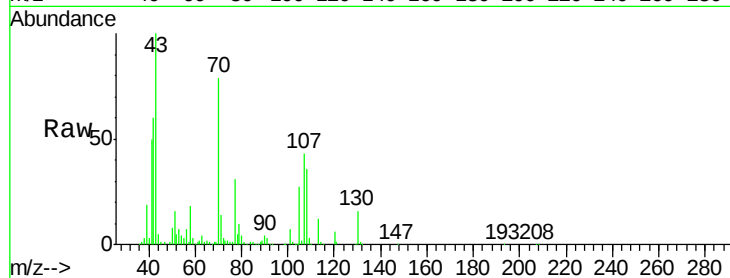
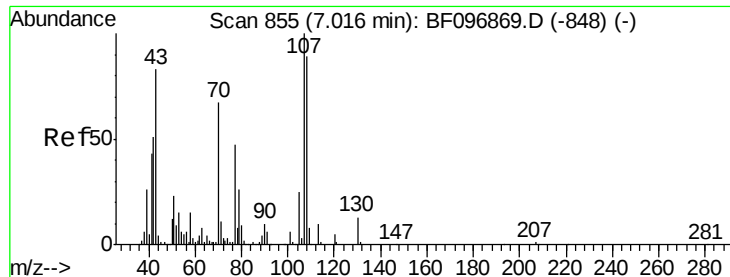
Abundance

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

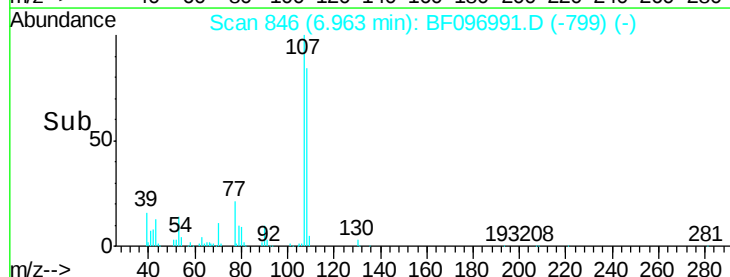
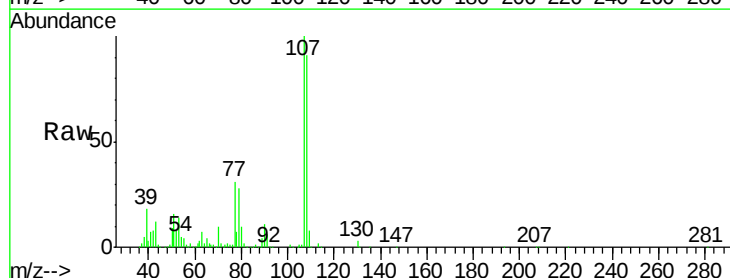
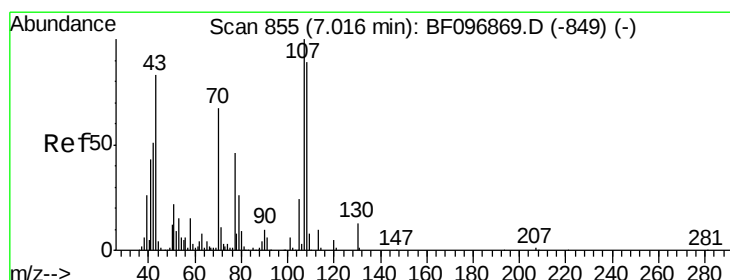
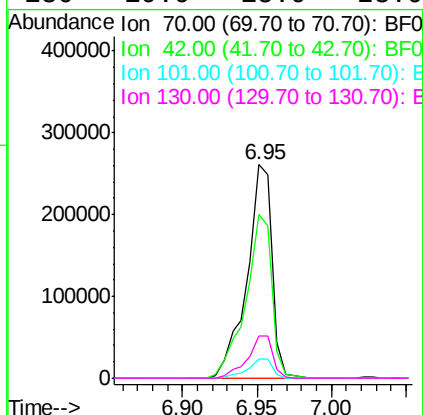




#19
n-Nitroso-di-n-propylamine
Concen: 43.99 ng
RT: 6.95 min Scan# 844
Delta R.T. -0.02 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

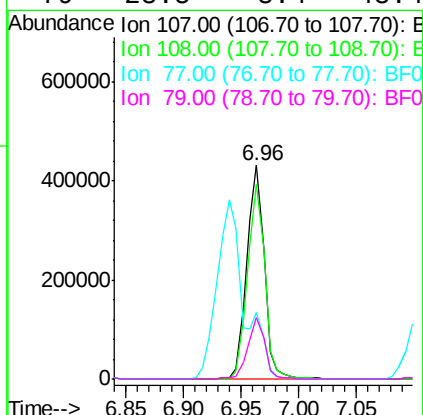
Instrument :
BNA_F
ClientSampleId :

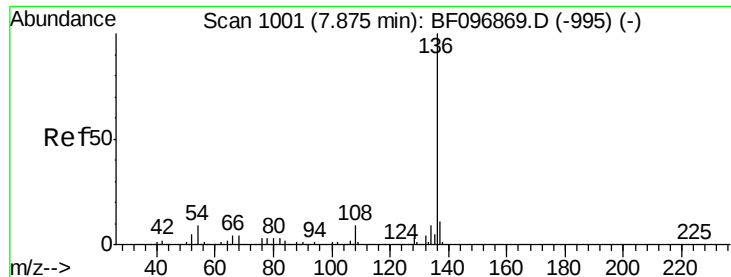
Tot Ion	Ratio	Lower	Upper
70	100		
42	76.6	47.2	70.8#
101	9.1	7.2	10.8
130	19.9	15.9	23.9



#20
3+4-Methylphenols
Concen: 46.59 ng
RT: 6.96 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	71.0	111.0
77	31.1	90.5	130.5#
79	28.5	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.80 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 628089

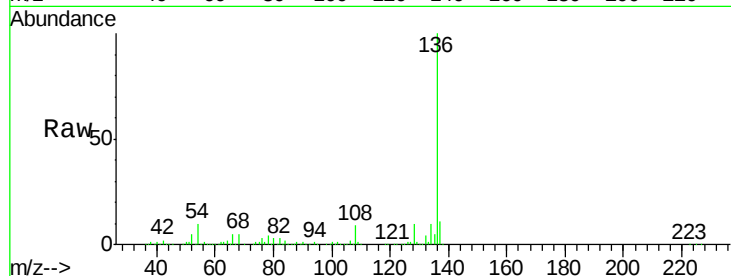
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.1 4.9 7.3#

68 5.3 4.1 6.1

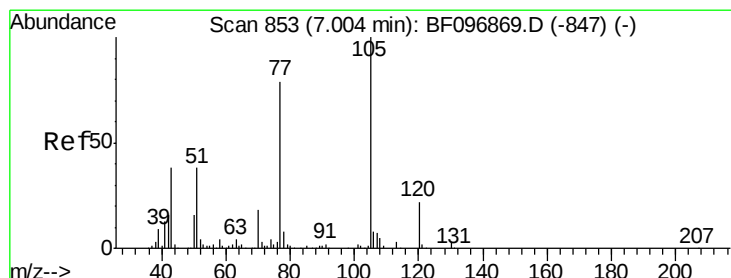
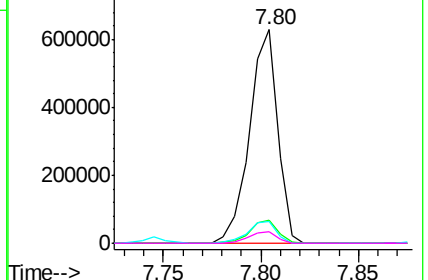
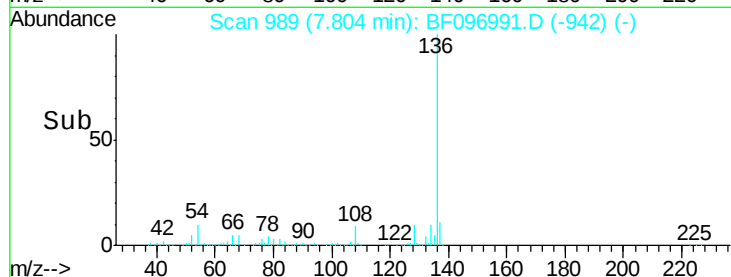


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.71 ng

RT: 6.94 min Scan# 842

Delta R.T. -0.02 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

Tgt Ion:105 Resp: 613570

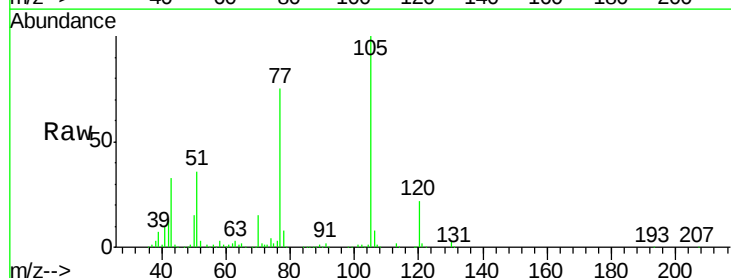
Ion Ratio Lower Upper

105 100

71 2.4 2.8 4.2#

51 35.8 30.7 46.1

120 22.4 17.4 26.0

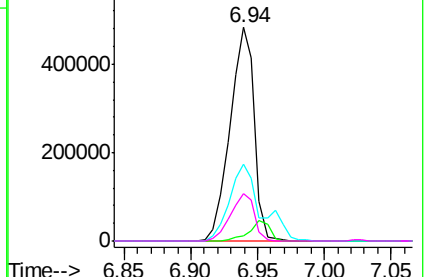
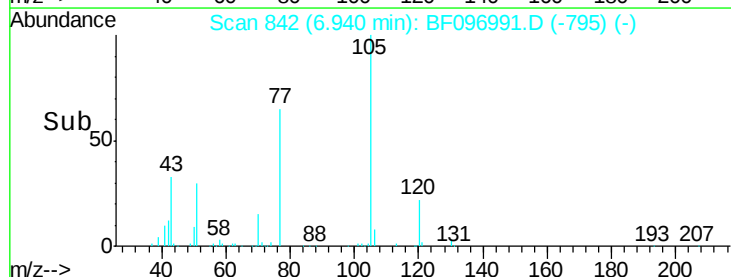


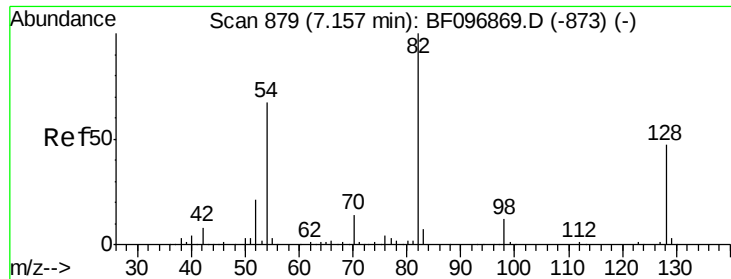
Abundance Ion 105.00 (104.70 to 105.70): E

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

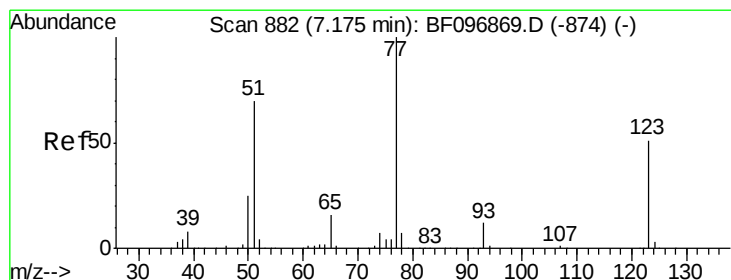
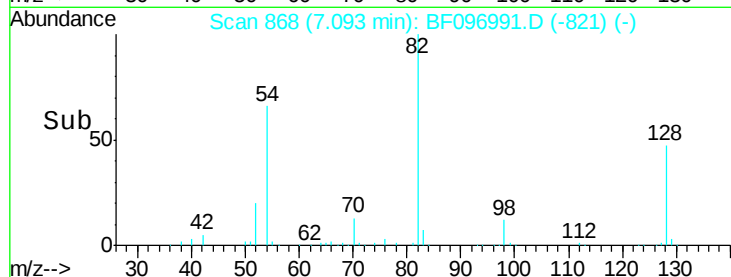
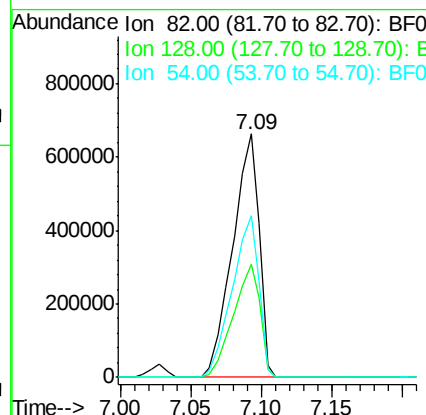
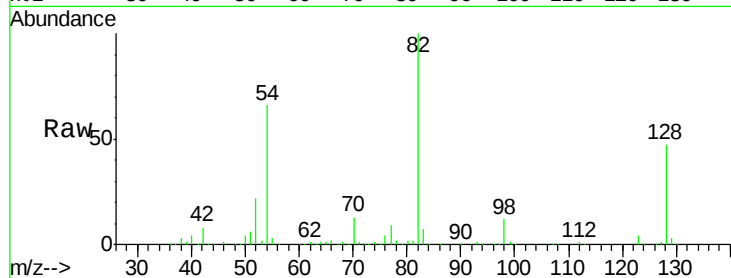




#23
Nitrobenzene-d5
Concen: 85.24 ng
RT: 7.09 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

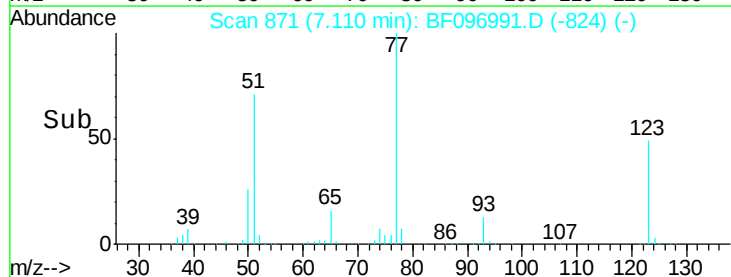
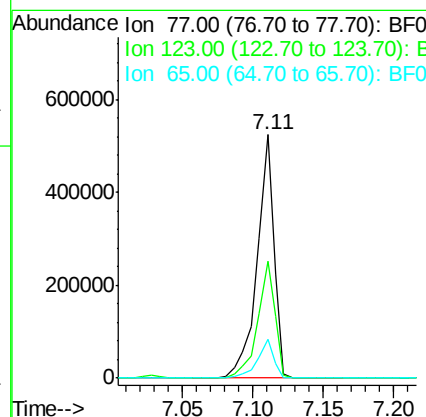
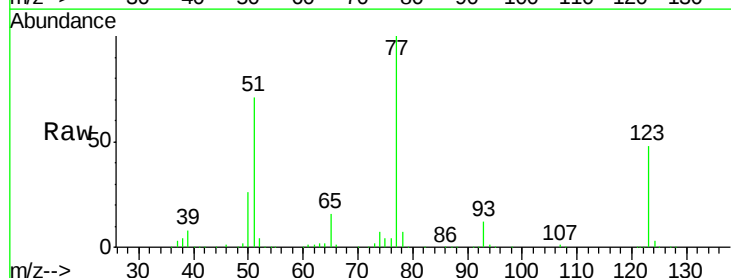
Instrument :
BNA_F
ClientSampleId :

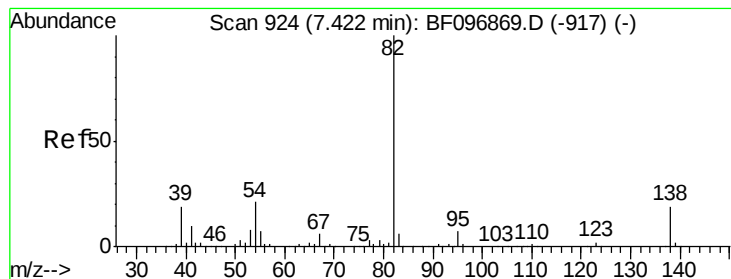
Tot Ion: 82 Resp: 864342
Ion Ratio Lower Upper
82 100
128 46.5 34.0 51.0
54 66.4 42.2 63.2#



#24
Nitrobenzene
Concen: 42.46 ng
RT: 7.11 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

Tgt Ion: 77 Resp: 445264
Ion Ratio Lower Upper
77 100
123 48.2 35.8 53.8
65 15.9 10.6 15.8#





#25

Isophorone

Concen: 43.11 ng

RT: 7.36 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

Instrument :

BNA_F

ClientSampleId :

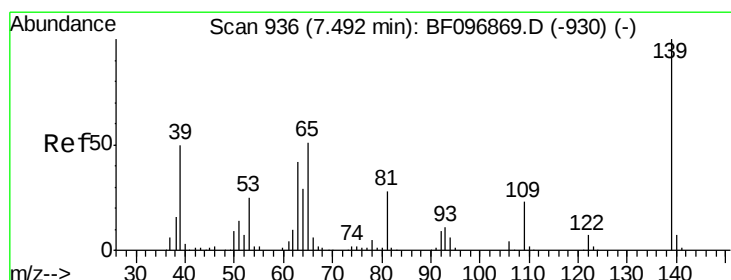
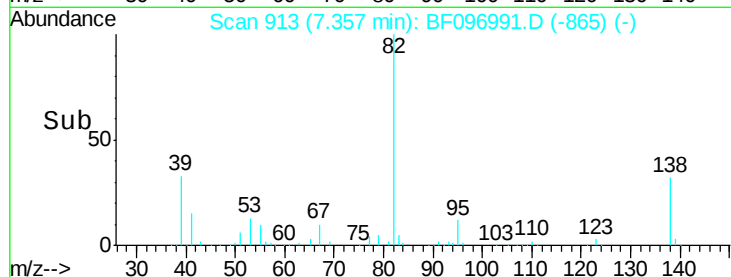
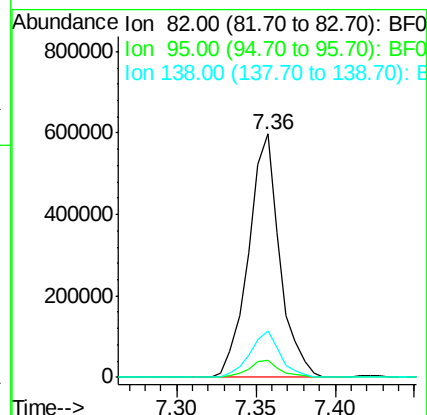
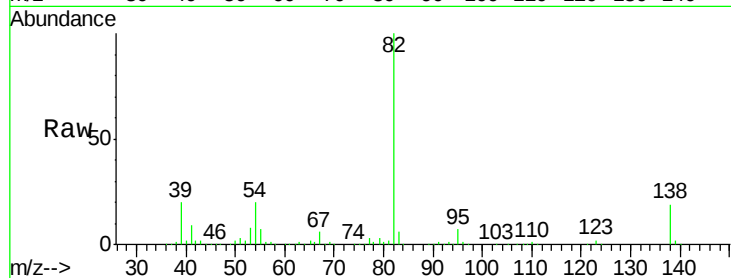
Tot Ion: 82 Resp: 813137

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 18.9 13.1 19.7



#26

2-Nitrophenol

Concen: 43.35 ng

RT: 7.43 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

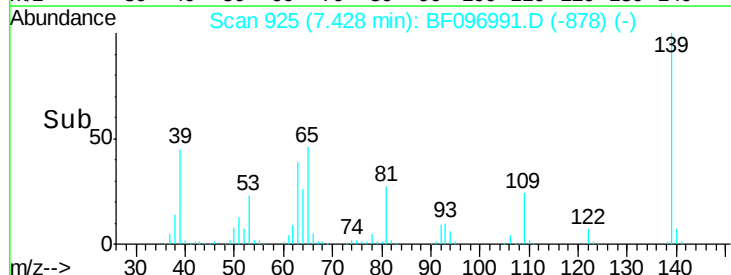
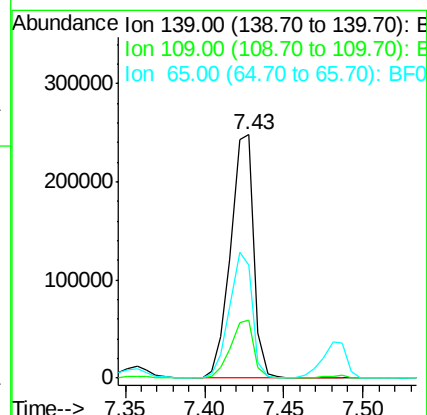
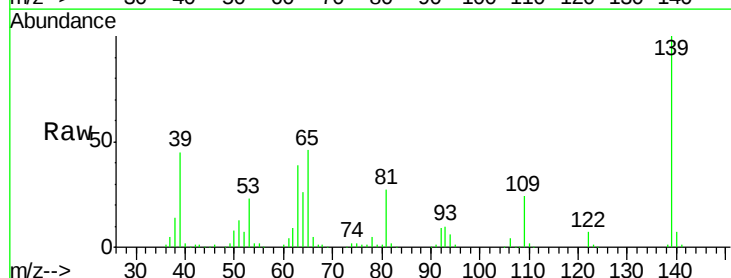
Tgt Ion: 139 Resp: 252765

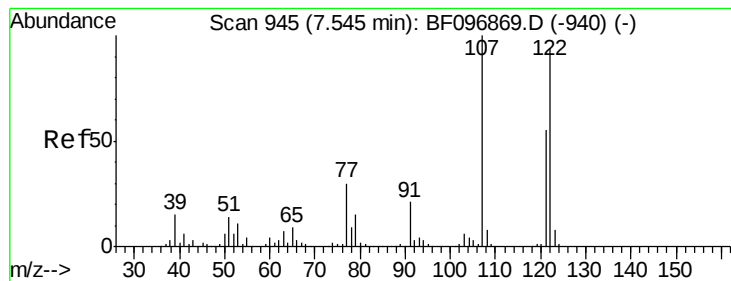
Ion Ratio Lower Upper

139 100

109 23.8 21.0 31.6

65 46.3 33.0 49.6

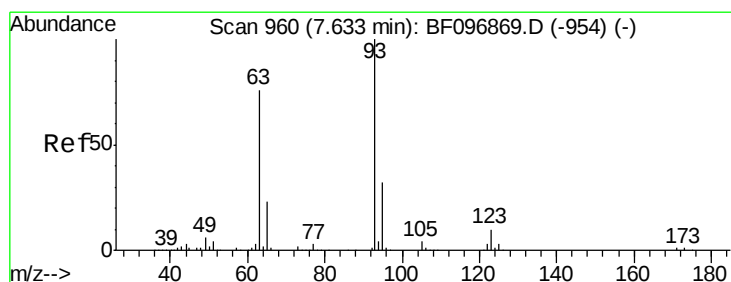
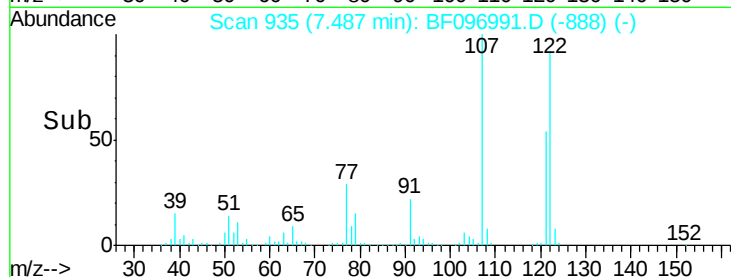
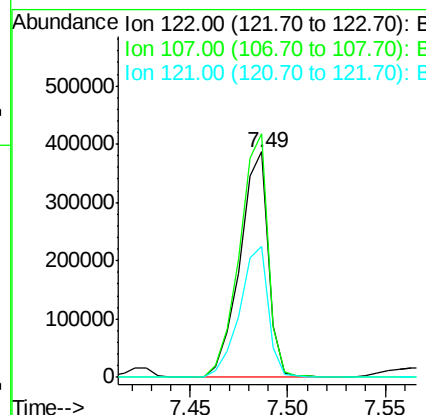
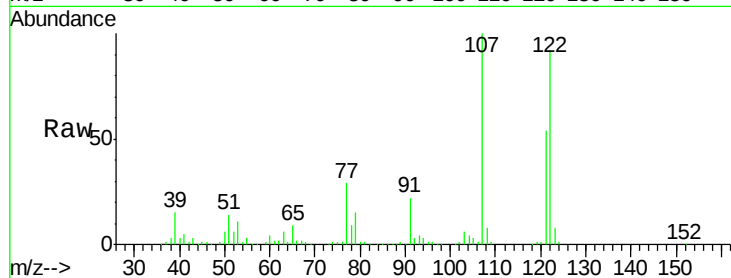




#27
 2,4-Dimethylphenol
 Concen: 40.85 ng
 RT: 7.49 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF096991.D
 Acq: 24 Jul 2017 18:04

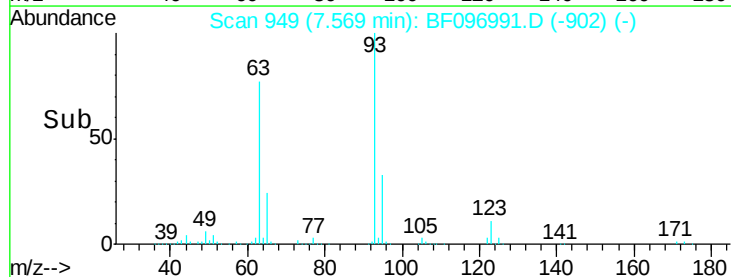
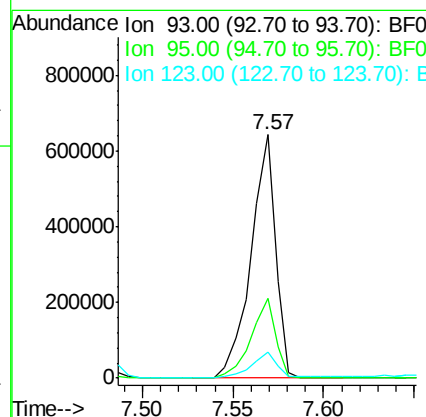
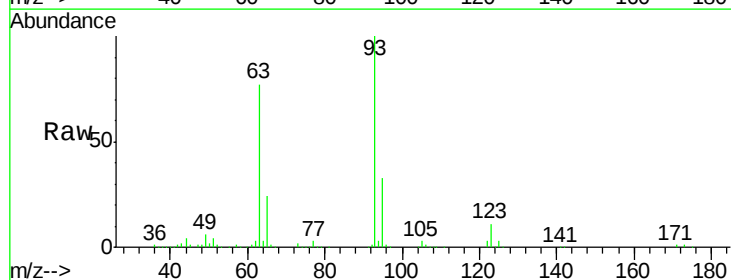
Instrument :
 BNA_F
 ClientSampleId :

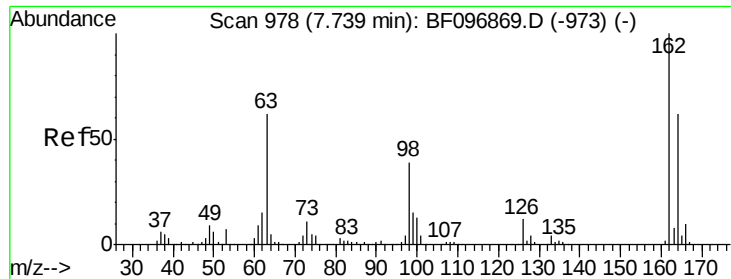
Tot Ion:122 Resp: 391928
 Ion Ratio Lower Upper
 122 100
 107 108.1 89.2 133.8
 121 58.3 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.66 ng
 RT: 7.57 min Scan# 949
 Delta R.T. -0.02 min
 Lab File: BF096991.D
 Acq: 24 Jul 2017 18:04

Tgt Ion: 93 Resp: 607545
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 10.7 9.0 13.4

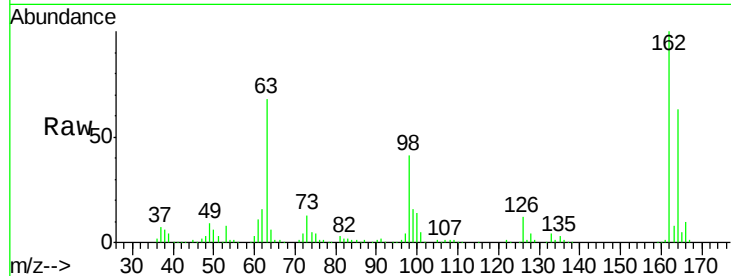




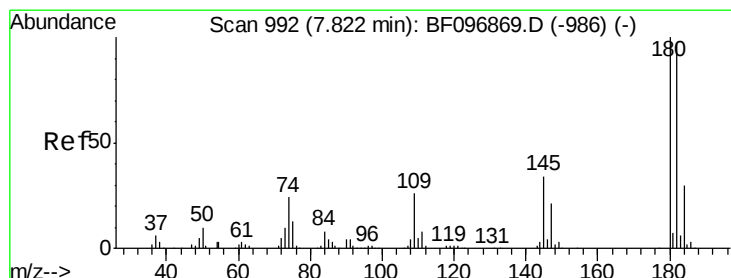
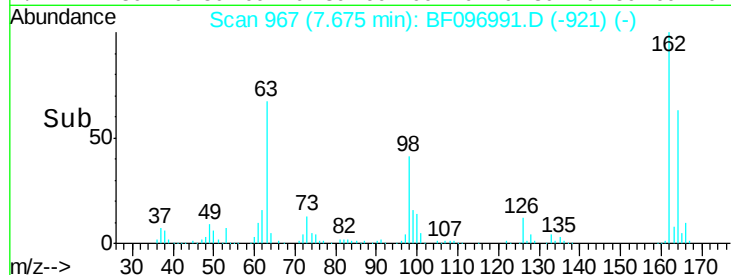
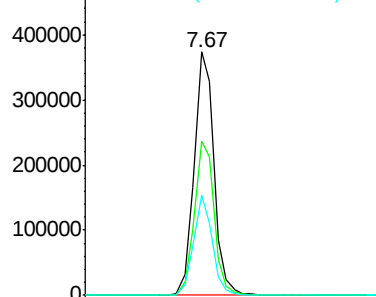
#29
 2,4-Dichlorophenol
 Concen: 41.86 ng
 RT: 7.67 min Scan# 967
 Delta R.T. -0.03 min
 Lab File: BF096991.D
 Acq: 24 Jul 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 363533
 Ion Ratio Lower Upper
 162 100
 164 63.5 44.6 84.6
 98 41.0 14.8 54.8

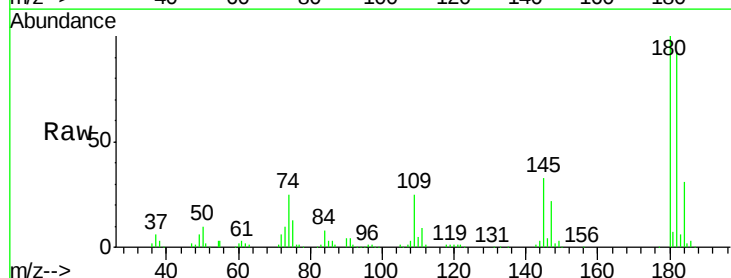


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

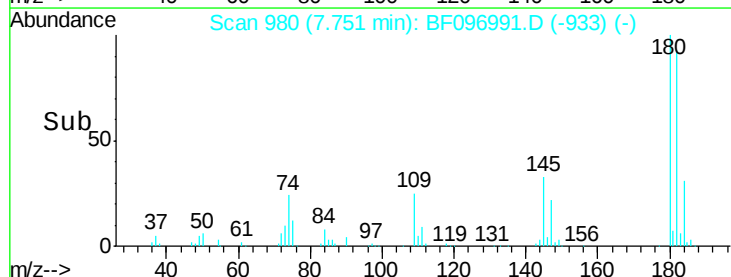
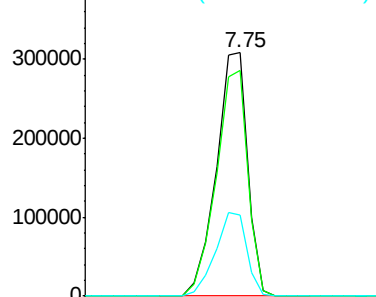


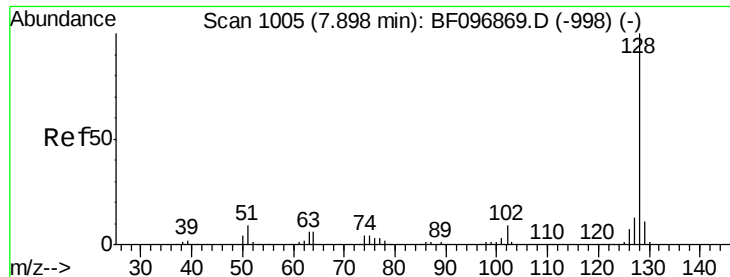
#30
 1,2,4-Trichlorobenzene
 Concen: 41.53 ng
 RT: 7.75 min Scan# 980
 Delta R.T. -0.02 min
 Lab File: BF096991.D
 Acq: 24 Jul 2017 18:04

Tgt Ion:180 Resp: 342931
 Ion Ratio Lower Upper
 180 100
 182 92.9 75.8 113.6
 145 33.4 25.3 37.9



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

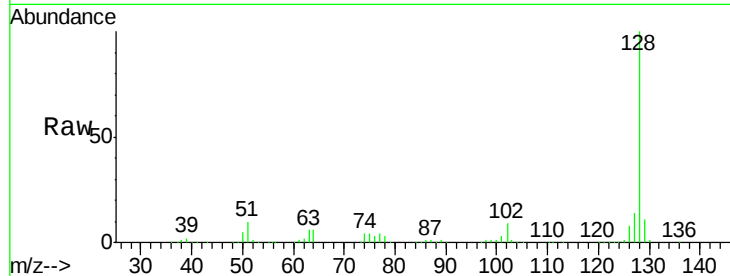




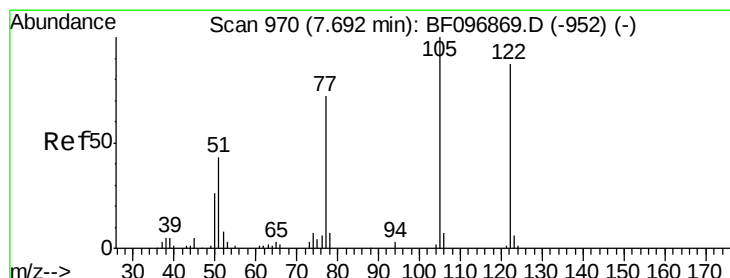
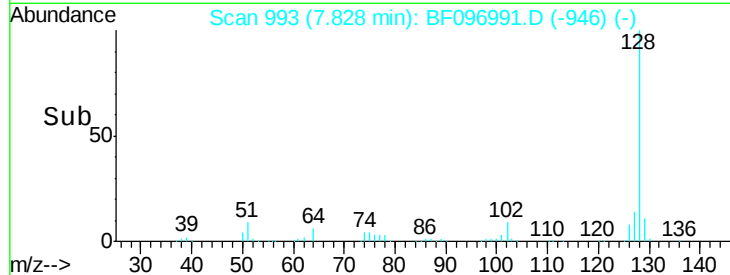
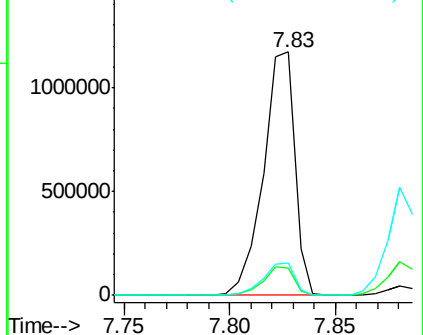
#31
Naphthalene
Concen: 40.90 ng
RT: 7.83 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1216967
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.5 10.8 16.2

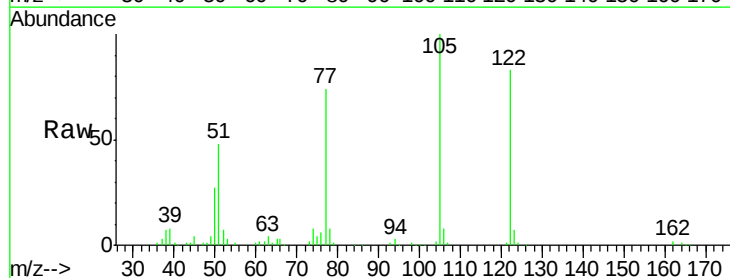


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

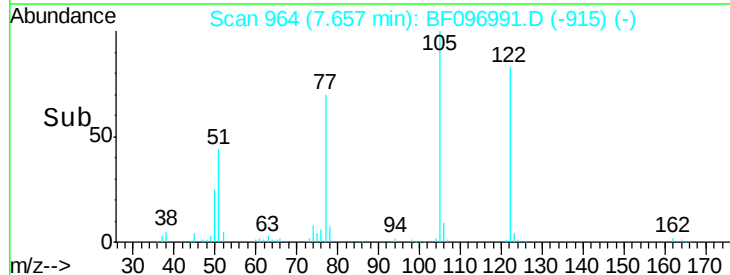
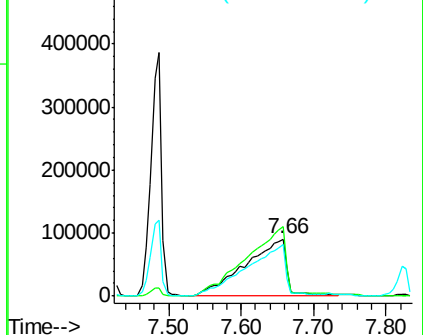


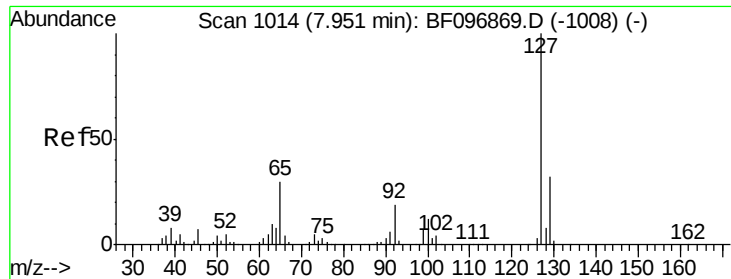
#32
Benzoic acid
Concen: 57.81 ng
RT: 7.66 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

Tgt Ion:122 Resp: 354432
Ion Ratio Lower Upper
122 100
105 120.6 103.3 143.3
77 89.4 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

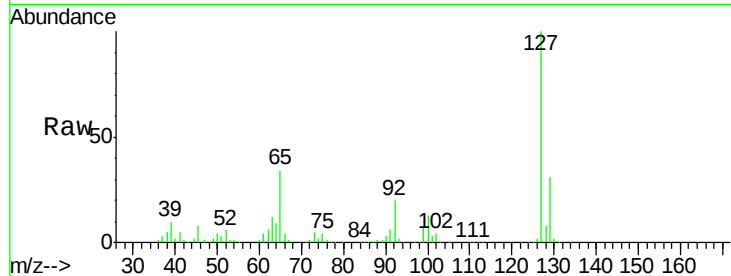




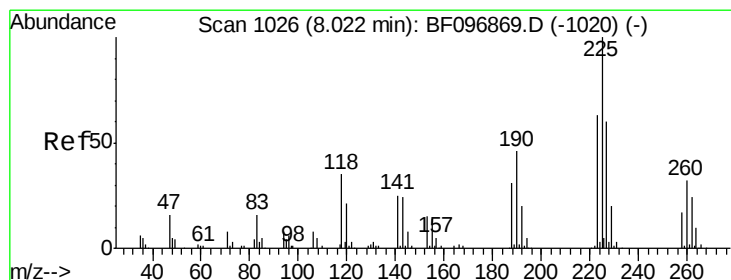
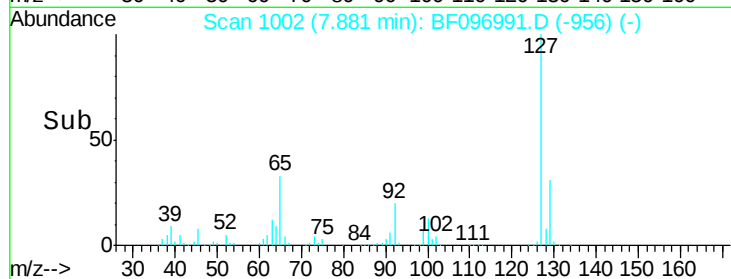
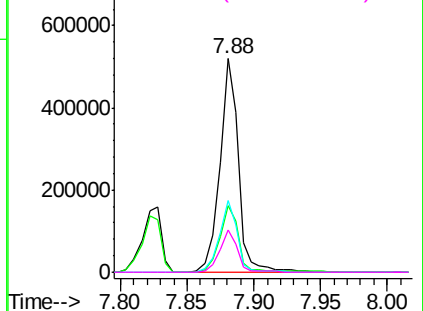
#33
4-Chloroaniline
Concen: 42.84 ng
RT: 7.88 min Scan# 1002
Delta R.T. -0.03 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	505014
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.2	39.2
65	33.6	27.8	41.8
92	19.8	16.8	25.2

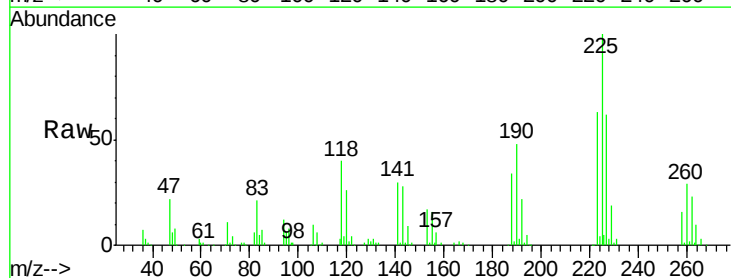


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

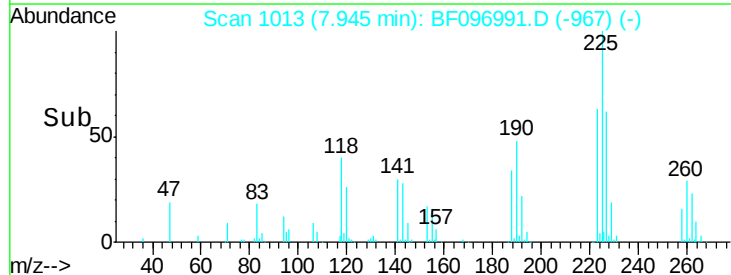
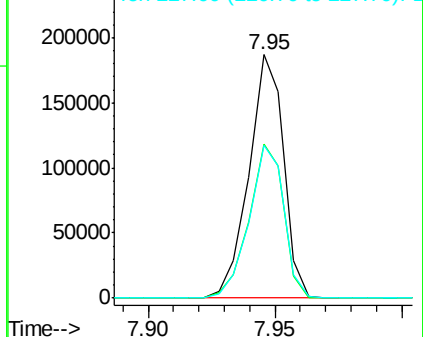


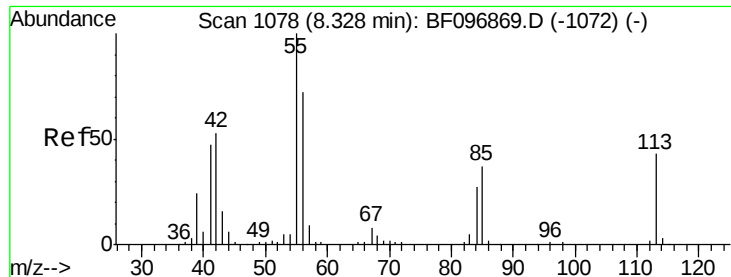
#34
Hexachlorobutadiene
Concen: 40.31 ng
RT: 7.95 min Scan# 1013
Delta R.T. -0.03 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

Tgt Ion:	225	Resp:	177688
Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.8	73.2
227	62.5	51.1	76.7



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

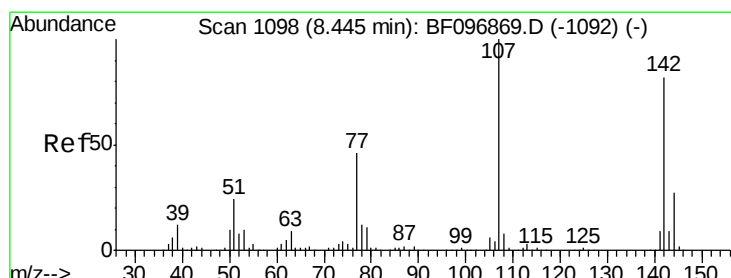
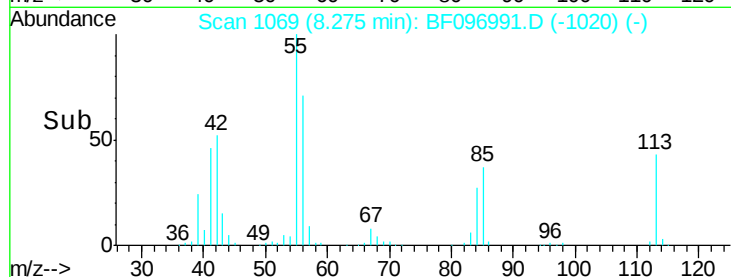
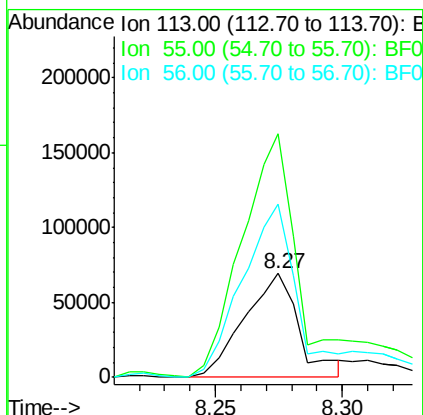
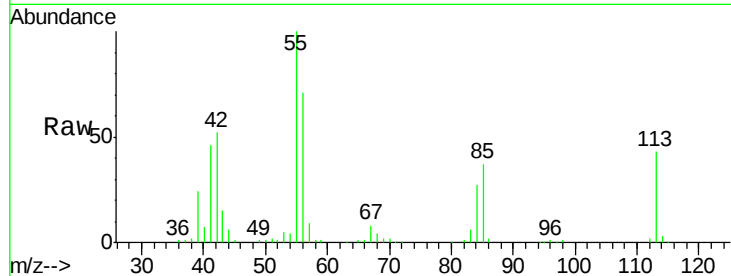




#35
 Caprolactam
 Concen: 37.55 ng
 RT: 8.27 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: BF096991.D
 Acq: 24 Jul 2017 18:04

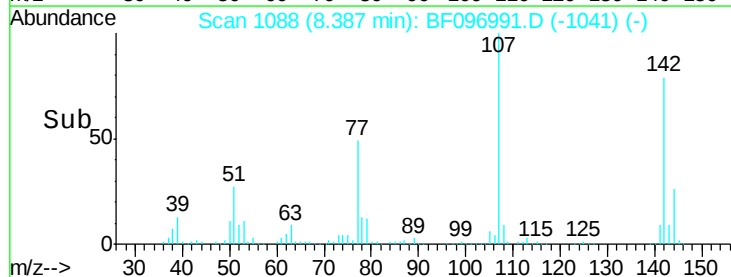
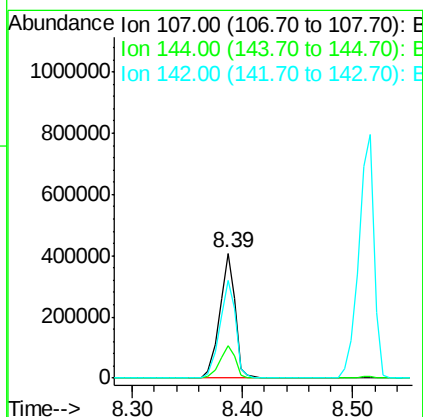
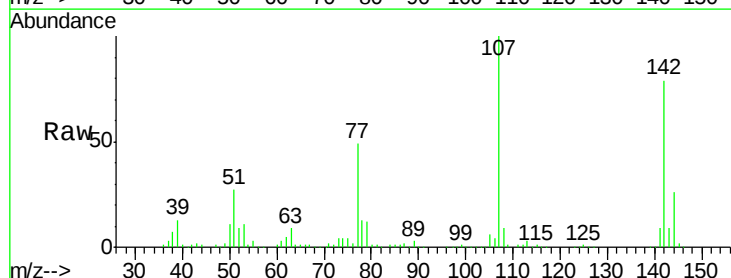
Instrument :
 BNA_F
 ClientSampled :

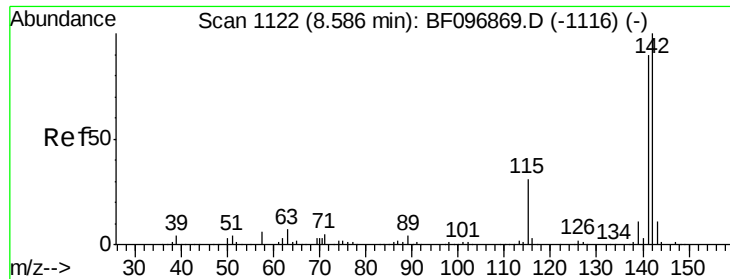
Tot Ion:113 Resp: 104488
 Ion Ratio Lower Upper
 113 100
 55 235.1 150.2 190.2#
 56 167.8 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 42.22 ng
 RT: 8.39 min Scan# 1088
 Delta R.T. -0.02 min
 Lab File: BF096991.D
 Acq: 24 Jul 2017 18:04

Tgt Ion:107 Resp: 394253
 Ion Ratio Lower Upper
 107 100
 144 25.7 24.2 36.4
 142 78.6 73.4 110.0

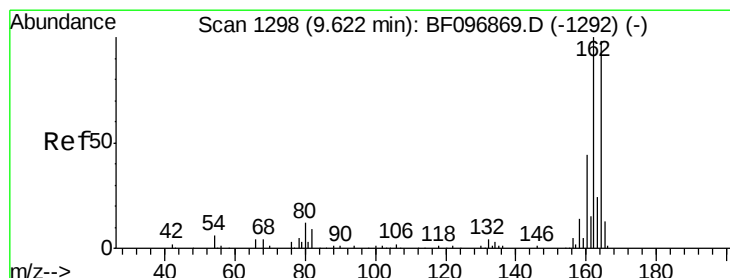
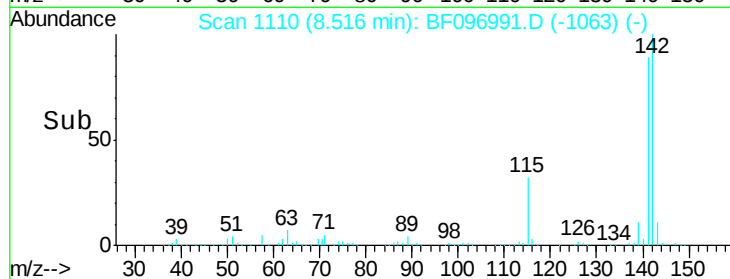
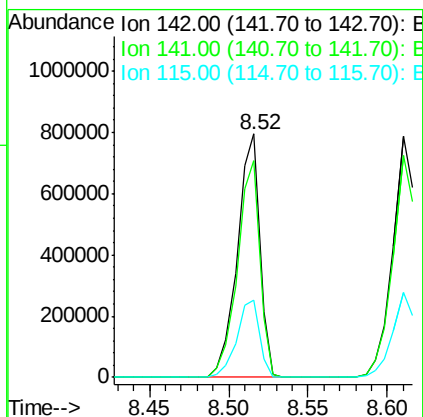
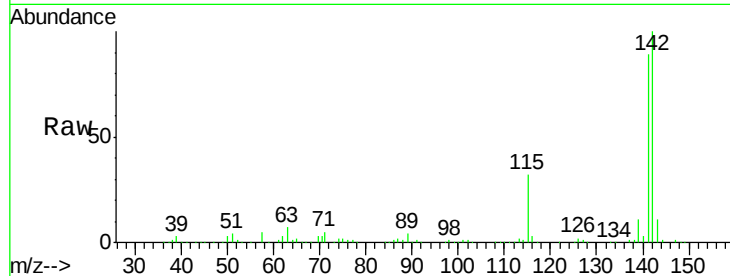




#37
2-Methylnaphthalene
Concen: 41.09 ng
RT: 8.52 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

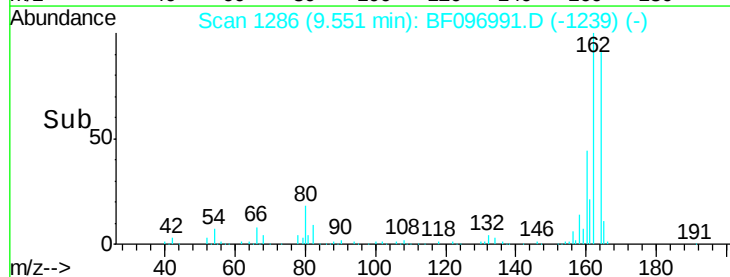
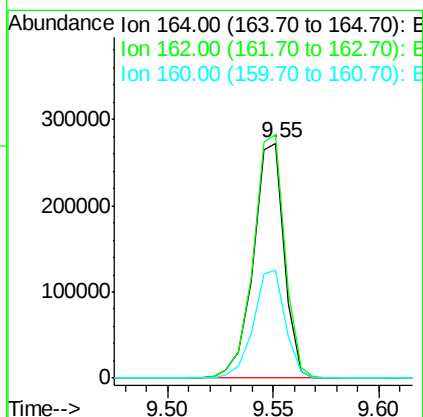
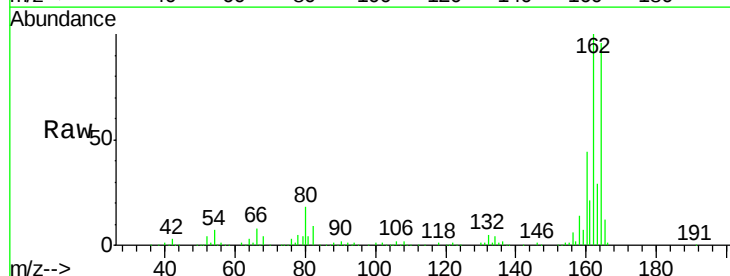
Instrument :
BNA_F
ClientSampleId :

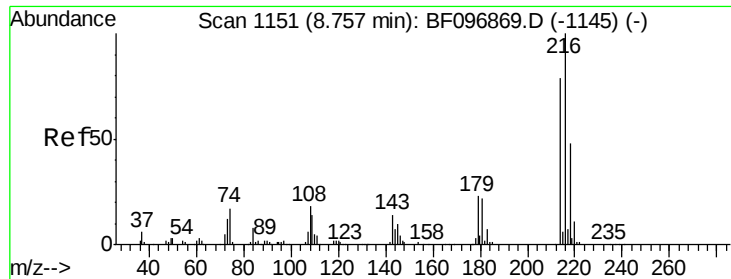
Tot Ion:142 Resp: 779363
Ion Ratio Lower Upper
142 100
141 89.2 71.3 106.9
115 31.9 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

Tgt Ion:164 Resp: 277644
Ion Ratio Lower Upper
164 100
162 103.7 82.6 123.8
160 45.8 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.18 ng

RT: 8.68 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 301555

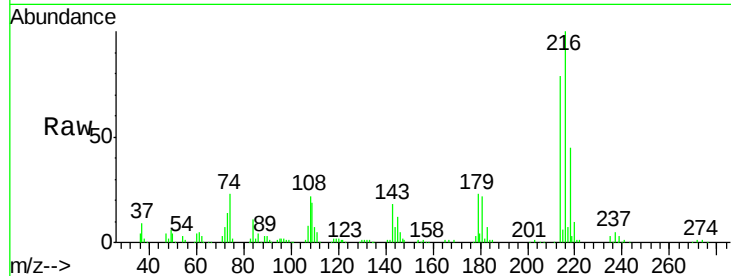
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 22.7 17.9 26.9

108 21.6 16.5 24.7

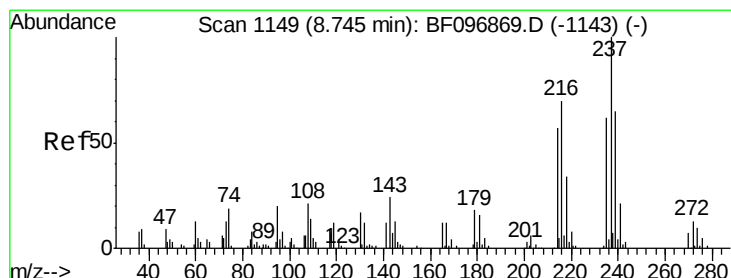
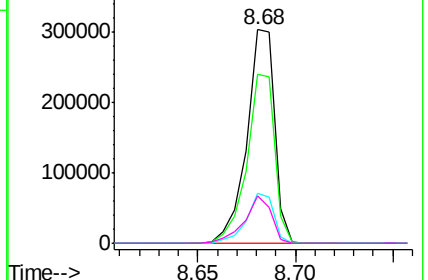
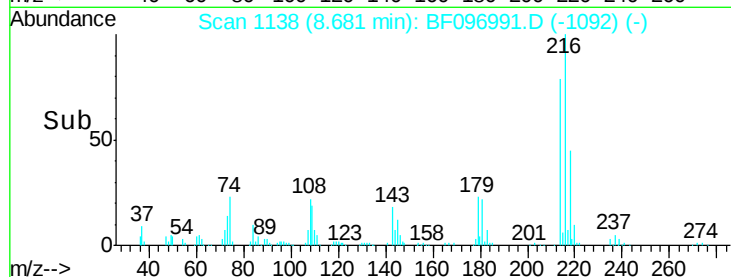


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 42.51 ng

RT: 8.67 min Scan# 1136

Delta R.T. -0.03 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

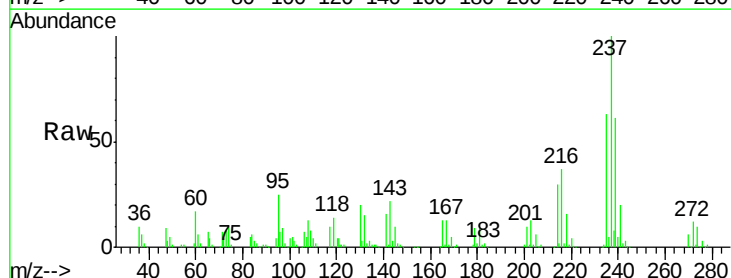
Tgt Ion:237 Resp: 112961

Ion Ratio Lower Upper

237 100

235 62.7 42.6 82.6

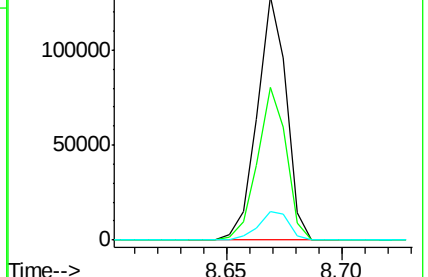
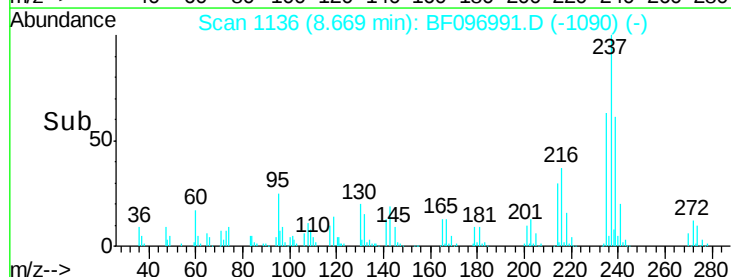
272 11.8 0.0 31.9

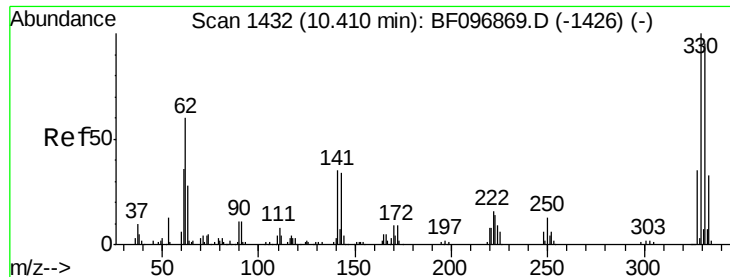


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 77.61 ng

RT: 10.34 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

Instrument :

BNA_F

ClientSampled :

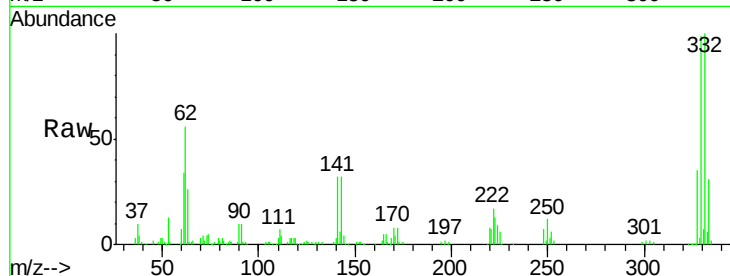
Tot Ion:330 Resp: 183922

Ion Ratio Lower Upper

330 100

332 98.7 76.6 115.0

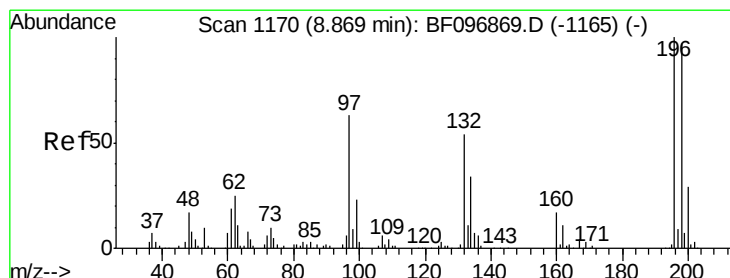
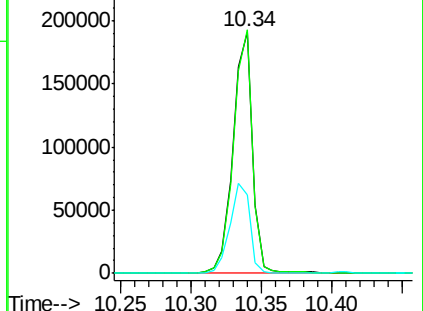
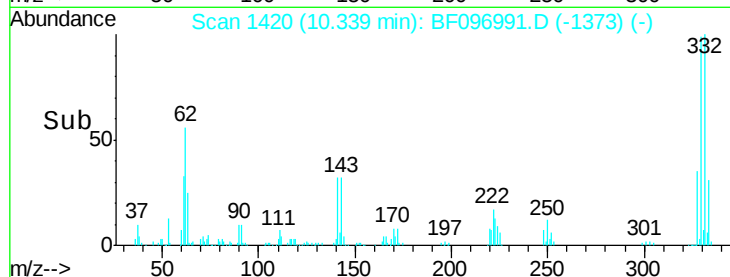
141 39.1 31.4 47.2



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: 43.01 ng

RT: 8.80 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

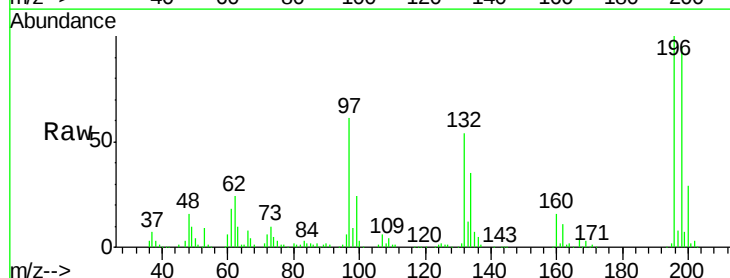
Tgt Ion:196 Resp: 238095

Ion Ratio Lower Upper

196 100

198 95.2 74.2 111.4

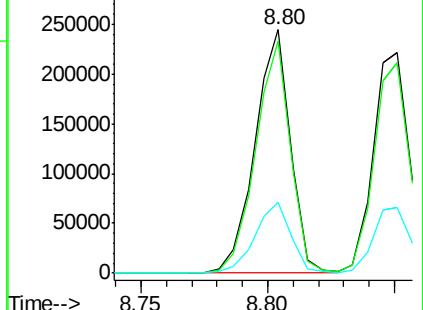
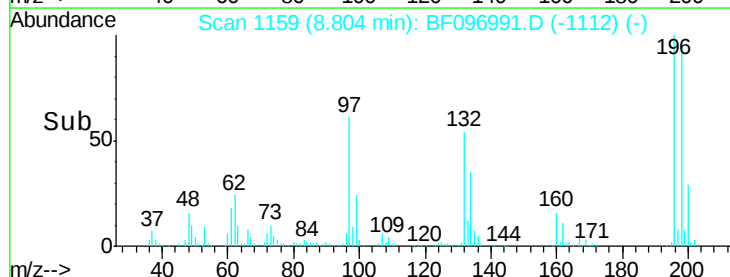
200 29.2 24.0 36.0

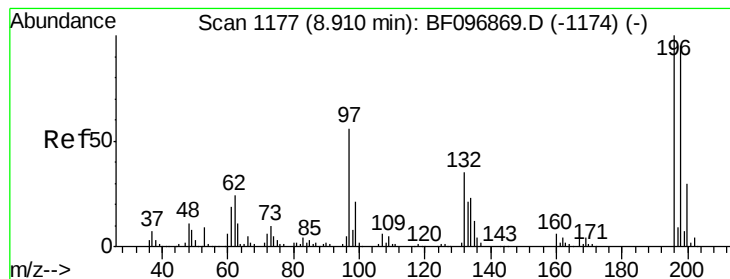


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#43

2,4,5-Trichlorophenol

Concen: 41.43 ng

RT: 8.85 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 231332

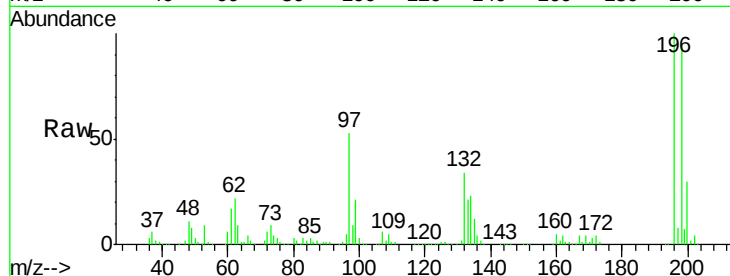
Ion Ratio Lower Upper

196 100

198 95.5 75.7 113.5

97 52.8 47.7 71.5

132 34.0 28.0 42.0

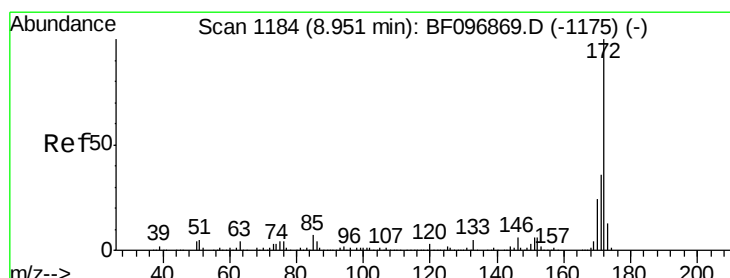
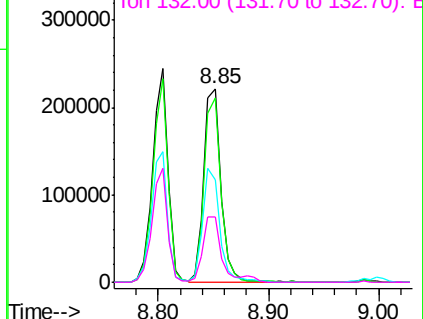
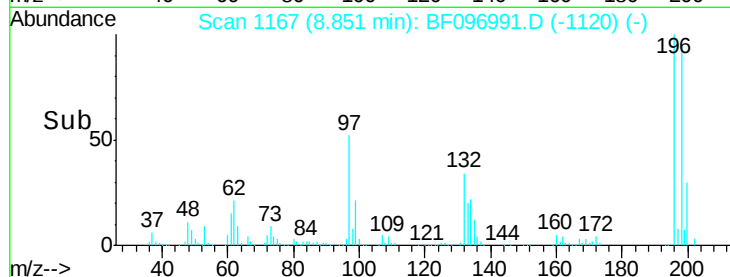


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 75.33 ng

RT: 8.88 min Scan# 1172

Delta R.T. -0.03 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

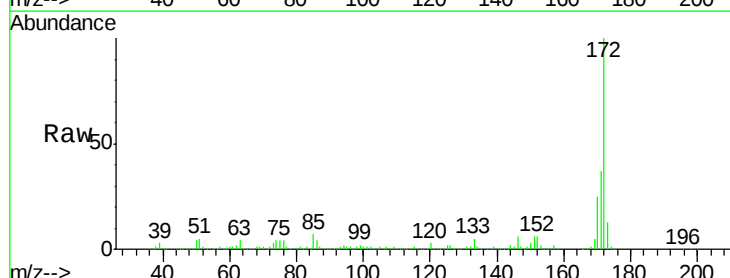
Tgt Ion:172 Resp: 1323786

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

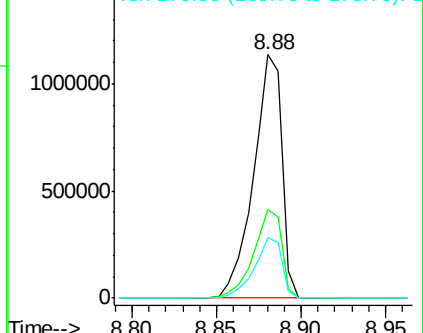
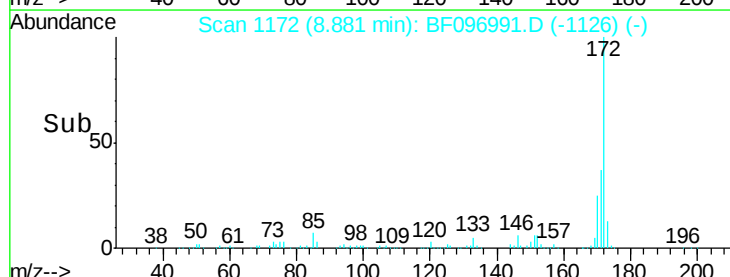
170 24.9 19.8 29.8

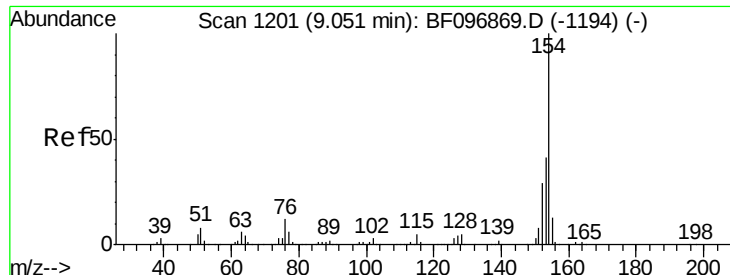


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

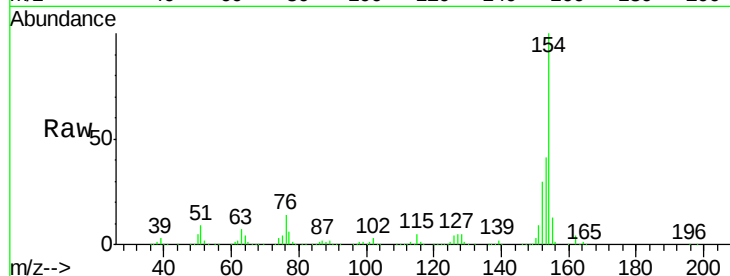




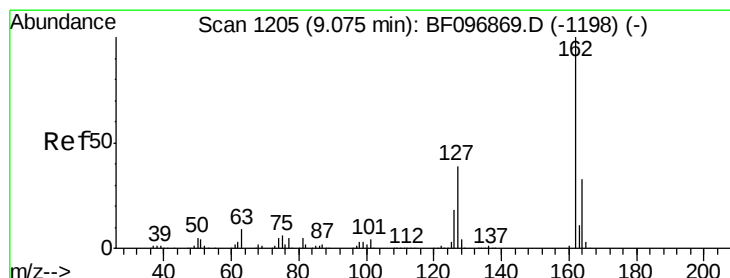
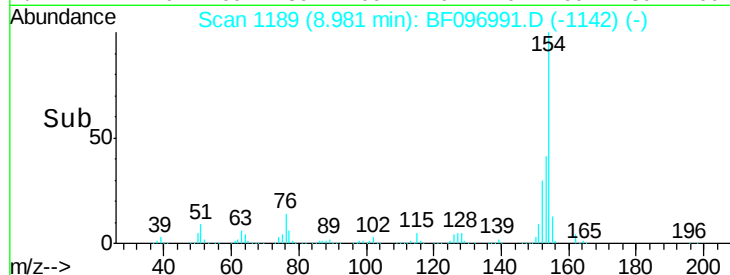
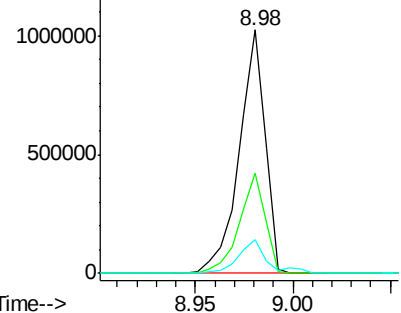
#45
 1,1'-Biphenyl
 Concen: 39.59 ng
 RT: 8.98 min Scan# 1189
 Delta R.T. -0.02 min
 Lab File: BF096991.D
 Acq: 24 Jul 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.2	61.2
76	13.7	0.0	29.9

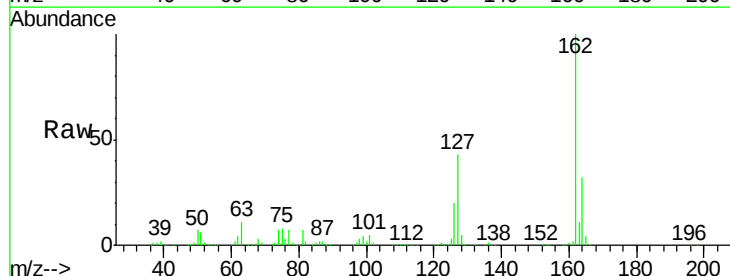


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

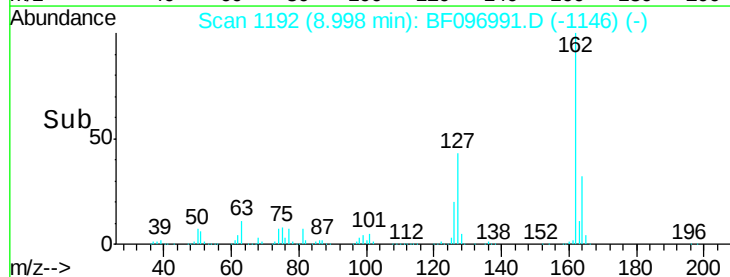
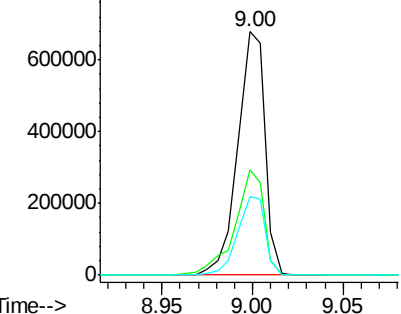


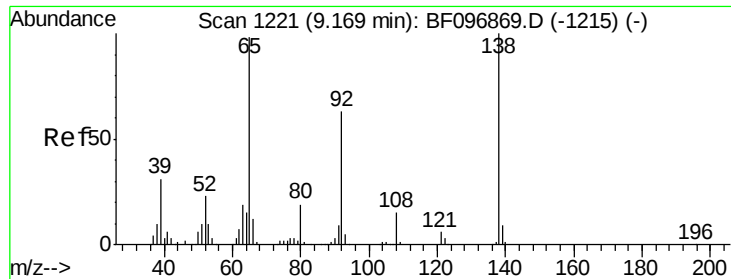
#46
 2-Chloronaphthalene
 Concen: 40.35 ng
 RT: 9.00 min Scan# 1192
 Delta R.T. -0.03 min
 Lab File: BF096991.D
 Acq: 24 Jul 2017 18:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.2	28.3	42.5#
164	32.3	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

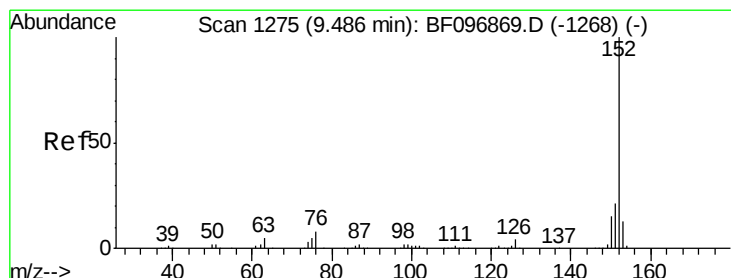
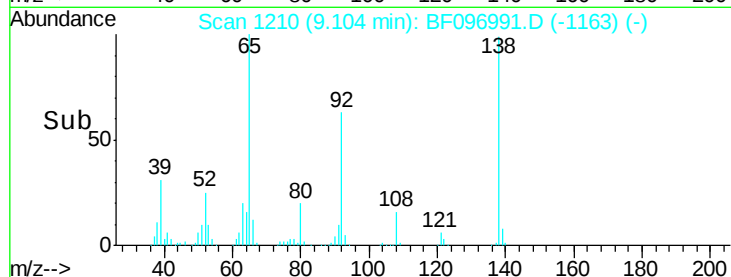
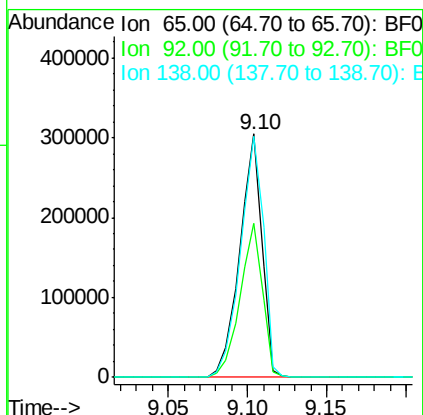
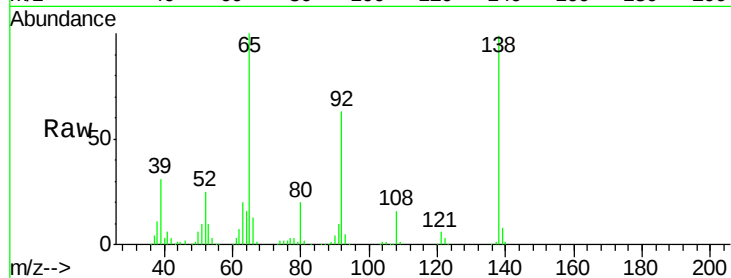




#47
2-Nitroaniline
Concen: 48.98 ng
RT: 9.10 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

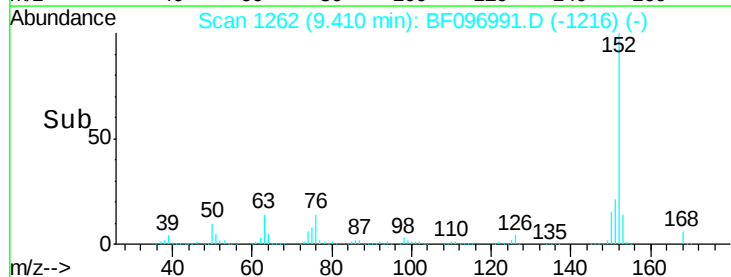
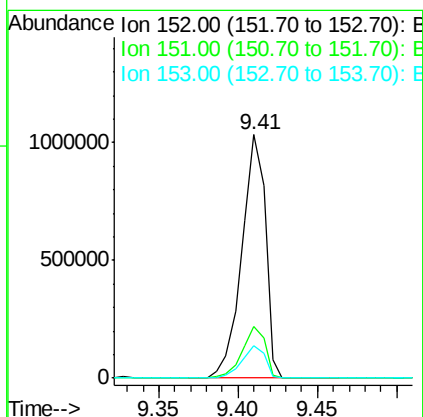
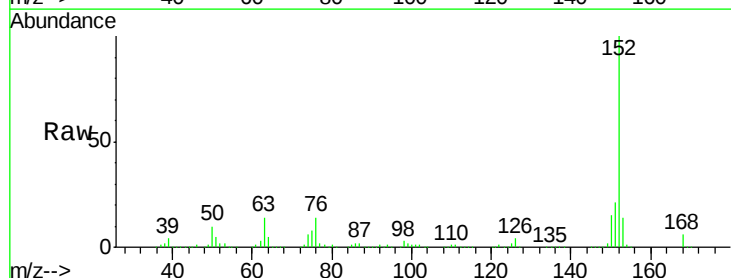
Instrument :
BNA_F
ClientSampleId :

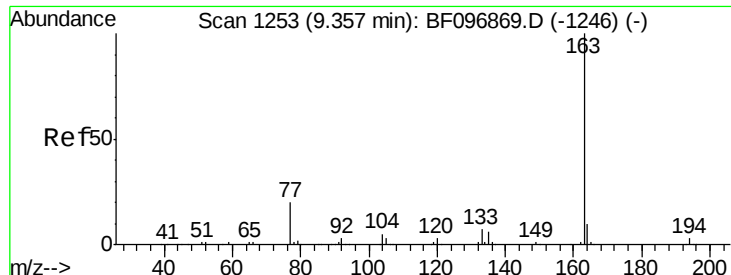
Tot Ion: 65 Resp: 295228
Ion Ratio Lower Upper
65 100
92 63.3 53.9 80.9
138 98.8 78.8 118.2



#48
Acenaphthylene
Concen: 38.14 ng
RT: 9.41 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

Tgt Ion: 152 Resp: 1065603
Ion Ratio Lower Upper
152 100
151 21.5 16.8 25.2
153 13.5 10.8 16.2

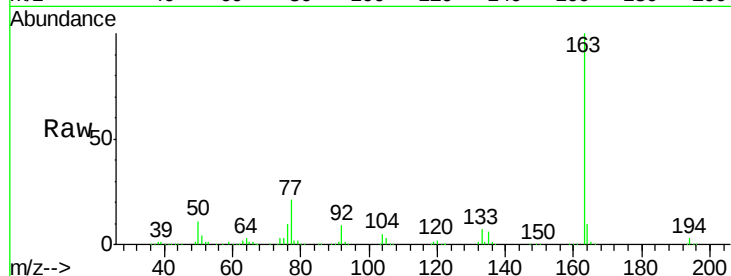




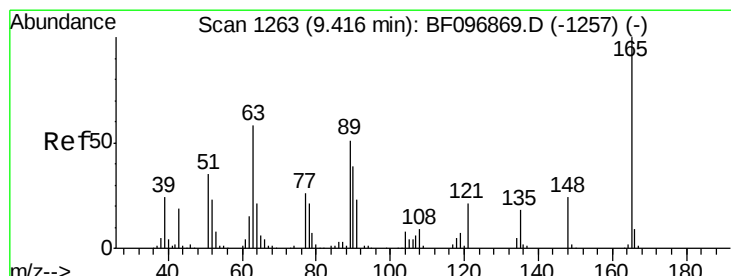
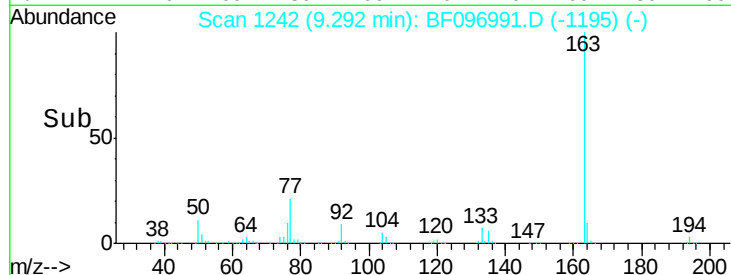
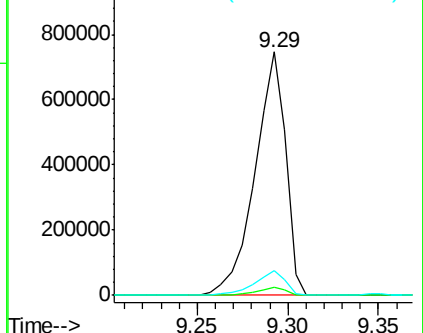
#49
Dimethylphthalate
Concen: 41.94 ng
RT: 9.29 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.0	8.4	12.6

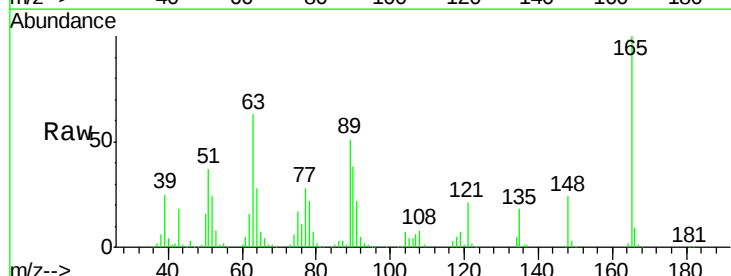


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

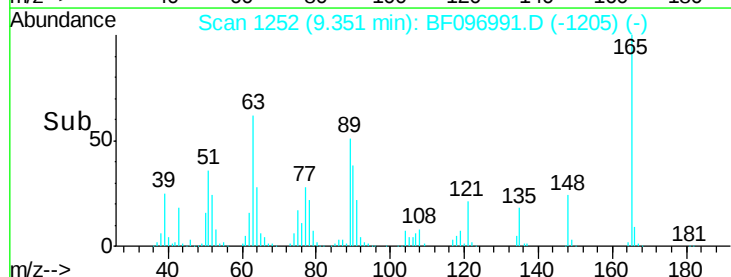
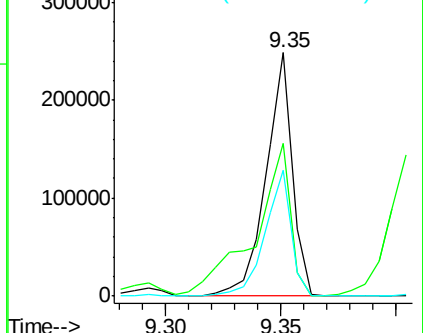


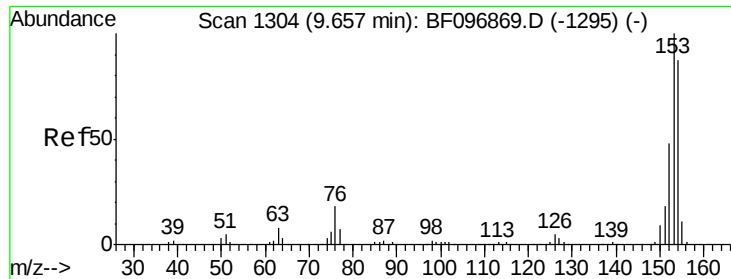
#50
2,6-Dinitrotoluene
Concen: 43.55 ng
RT: 9.35 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	62.6	34.3	51.5#
89	51.5	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: 40.26 ng

RT: 9.59 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

Instrument :

BNA_F

ClientSampled :

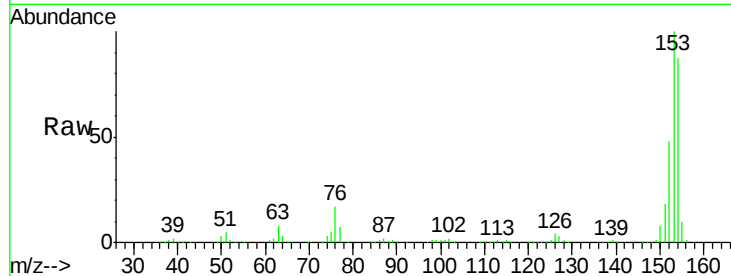
Tot Ion:154 Resp: 664472

Ion Ratio Lower Upper

154 100

153 114.8 90.5 135.7

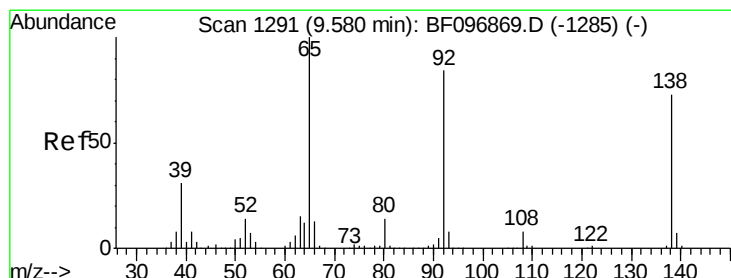
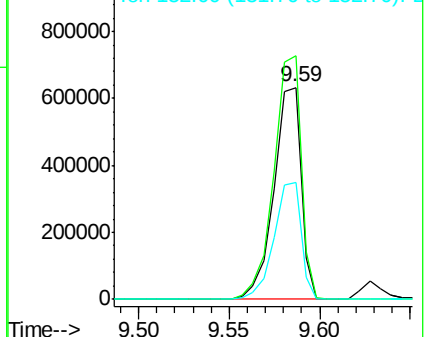
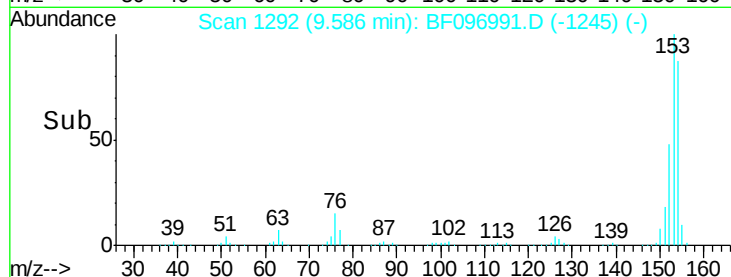
152 55.3 43.6 65.4



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: 45.33 ng

RT: 9.52 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

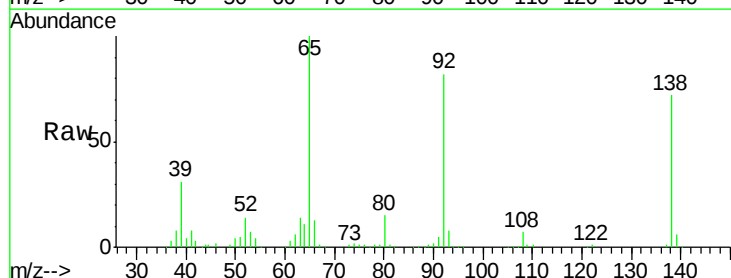
Tgt Ion:138 Resp: 243139

Ion Ratio Lower Upper

138 100

108 9.8 9.1 13.7

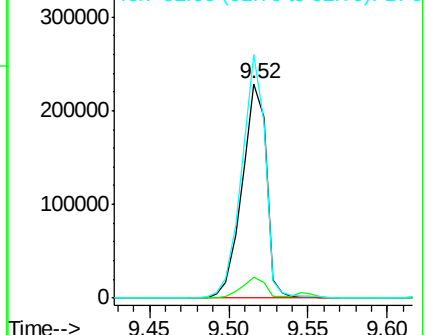
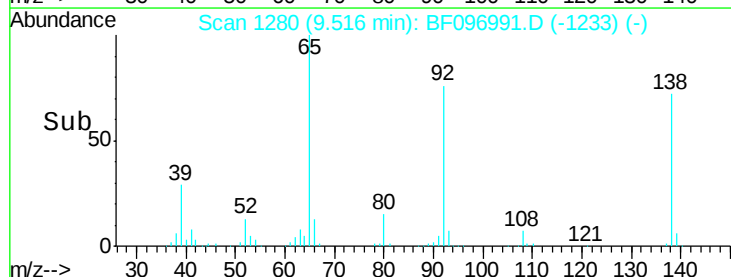
92 113.6 93.8 140.6

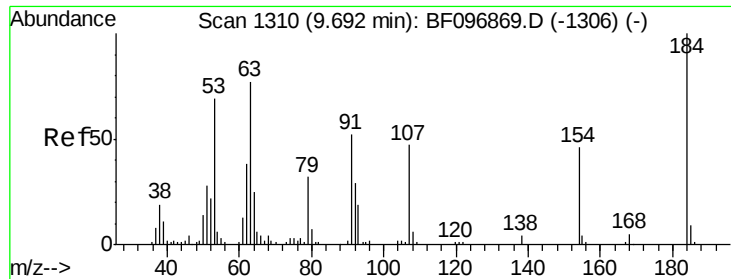


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

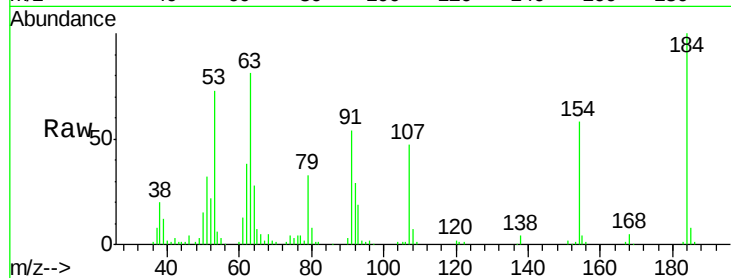




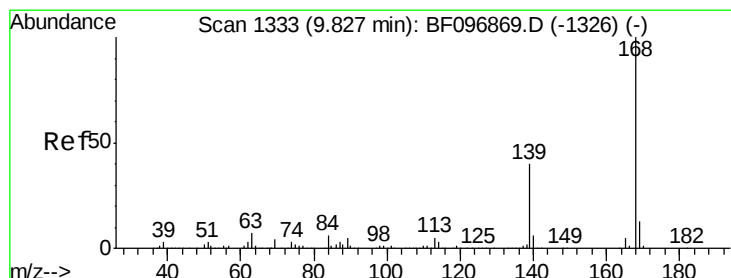
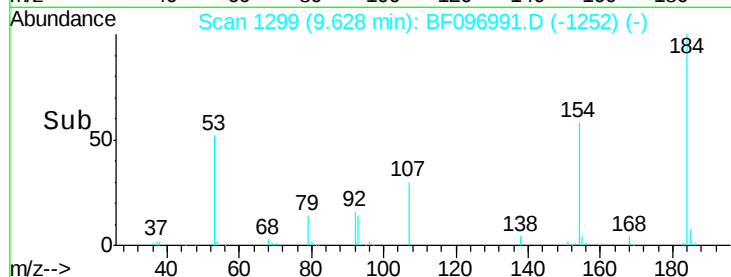
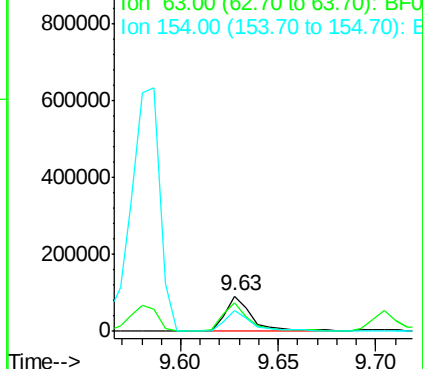
#53
2,4-Dinitrophenol
Concen: 42.52 ng
RT: 9.63 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 87609
Ion Ratio Lower Upper
184 100
63 81.0 62.7 94.1
154 58.3 81.1 121.7#

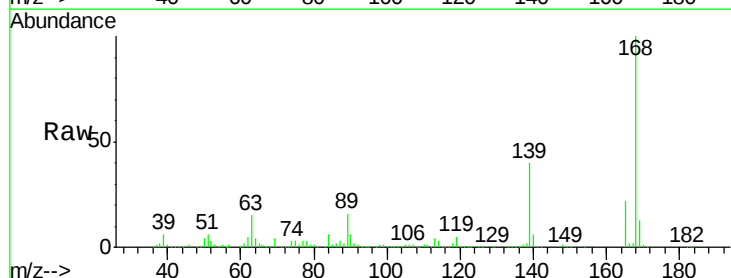


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

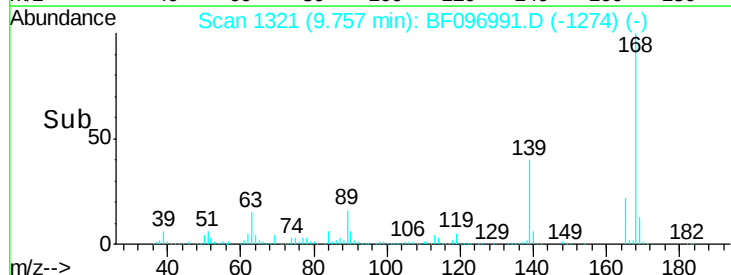
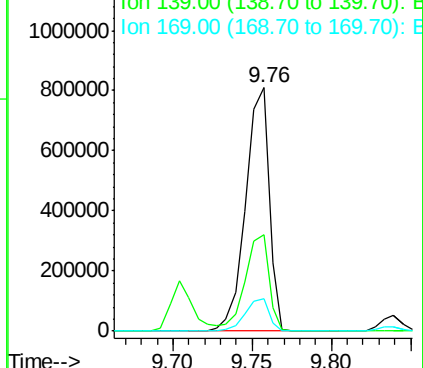


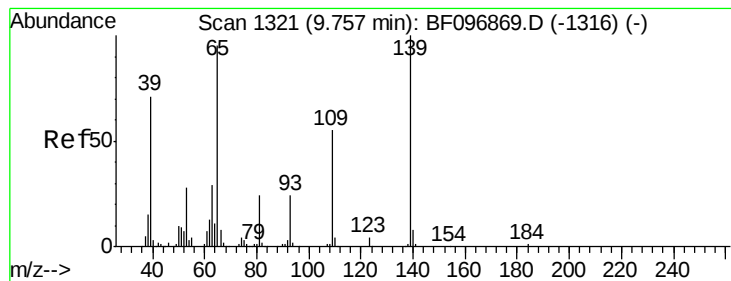
#54
Dibenzofuran
Concen: 36.01 ng
RT: 9.76 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

Tgt Ion:168 Resp: 832896
Ion Ratio Lower Upper
168 100
139 39.8 30.6 45.8
169 13.3 10.8 16.2



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





#55

4-Nitrophenol

Concen: 41.56 ng

RT: 9.70 min Scan# 1312

Delta R.T. -0.03 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

Instrument :

BNA_F

ClientSampleId :

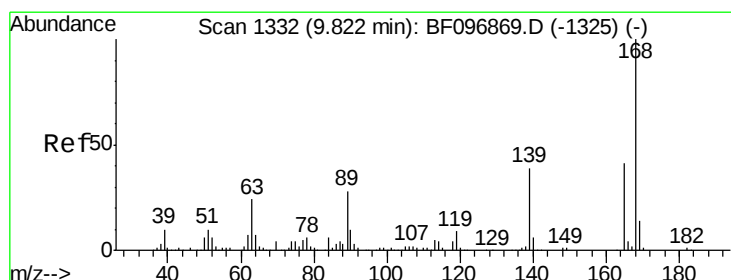
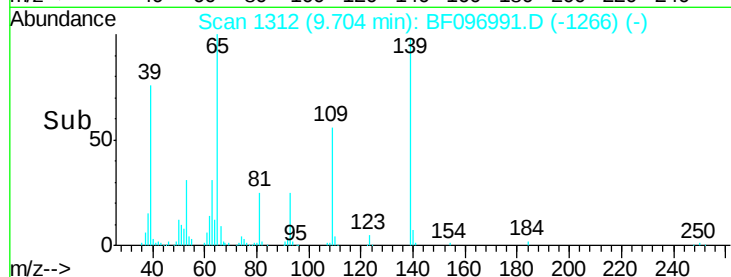
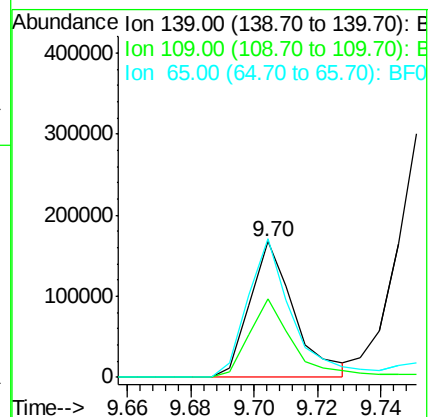
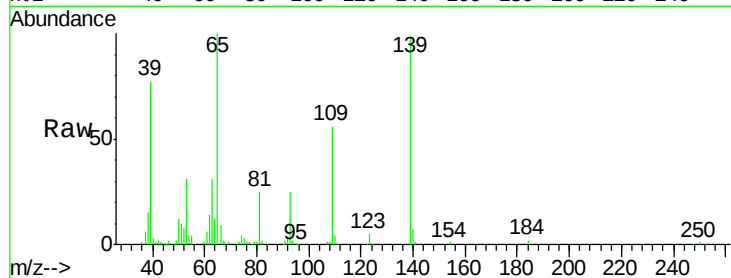
Tot Ion:139 Resp: 162862

Ion Ratio Lower Upper

139 100

109 57.3 34.1 74.1

65 101.6 31.4 71.4#



#56

2,4-Dinitrotoluene

Concen: 36.31 ng

RT: 9.75 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

Tgt Ion:165 Resp: 211263

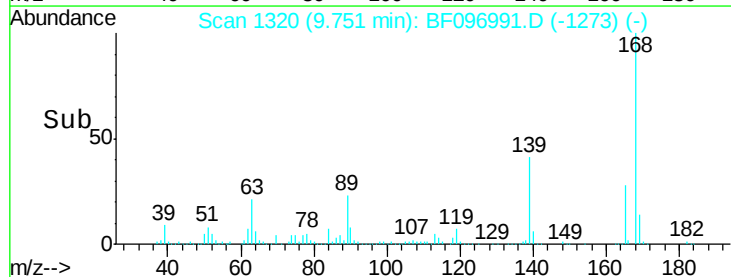
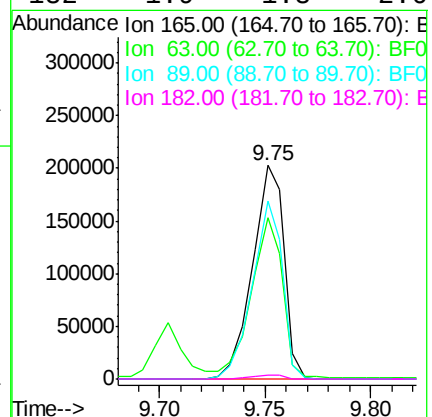
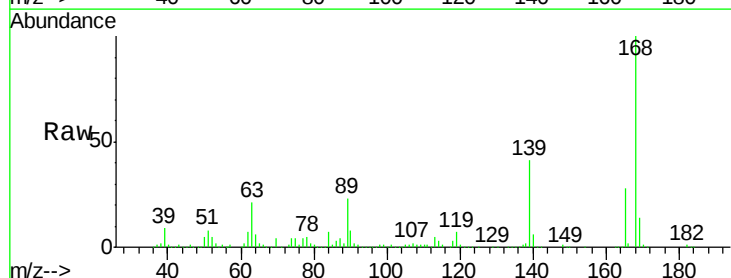
Ion Ratio Lower Upper

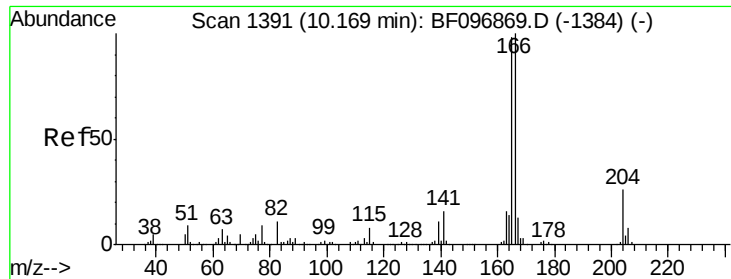
165 100

63 75.3 25.4 38.0#

89 83.1 46.4 69.6#

182 1.9 1.8 2.6

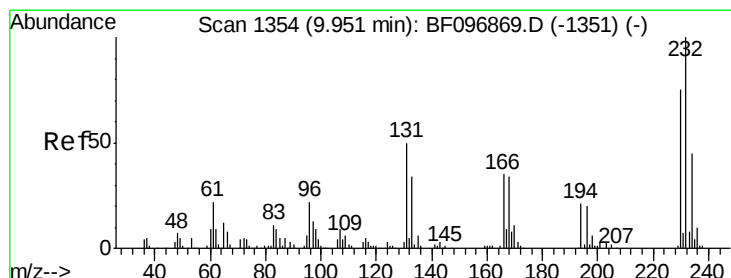
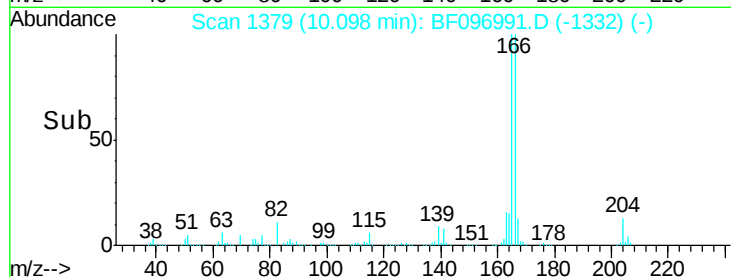
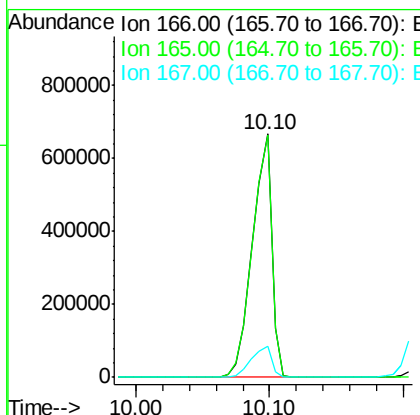
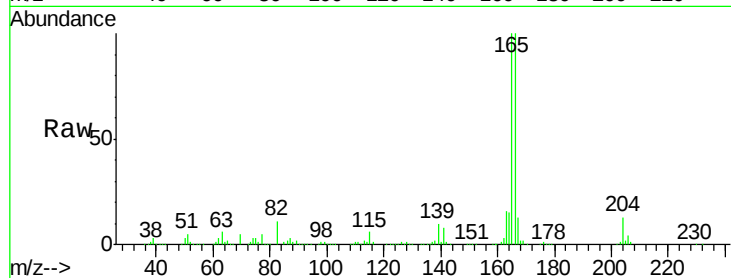




#57
 Fluorene
 Concen: 38.67 ng
 RT: 10.10 min Scan# 1379
 Delta R.T. -0.02 min
 Lab File: BF096991.D
 Acq: 24 Jul 2017 18:04

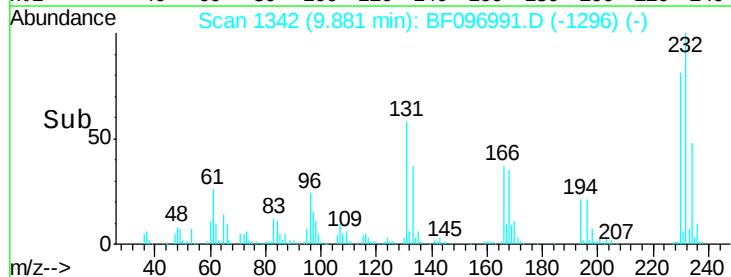
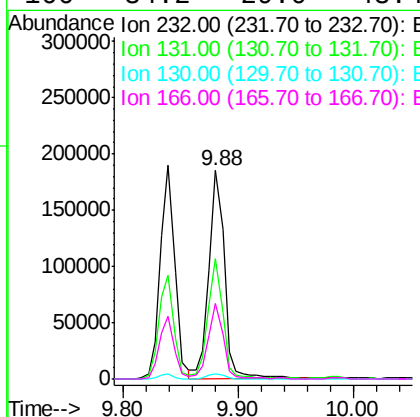
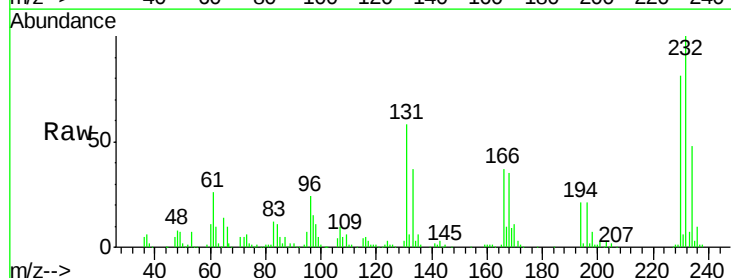
Instrument :
 BNA_F
 ClientSampleId :

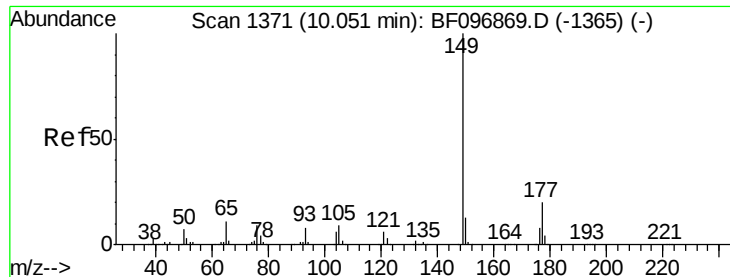
Tot Ion:166 Resp: 660861
 Ion Ratio Lower Upper
 166 100
 165 99.6 78.8 118.2
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.50 ng
 RT: 9.88 min Scan# 1342
 Delta R.T. -0.03 min
 Lab File: BF096991.D
 Acq: 24 Jul 2017 18:04

Tgt Ion:232 Resp: 176172
 Ion Ratio Lower Upper
 232 100
 131 55.3 44.8 67.2
 130 2.4 2.3 3.5
 166 34.2 29.0 43.4

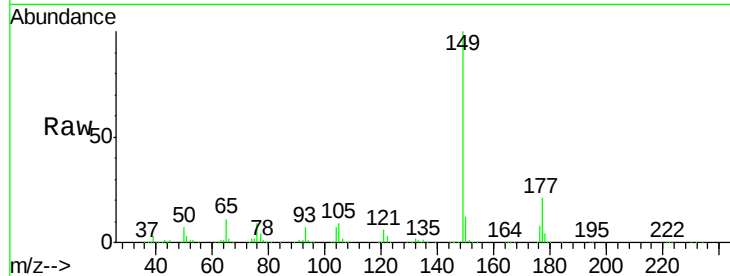




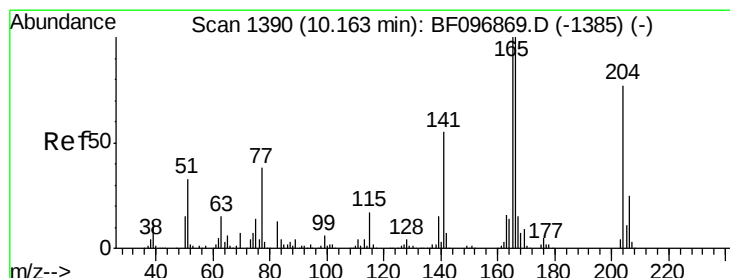
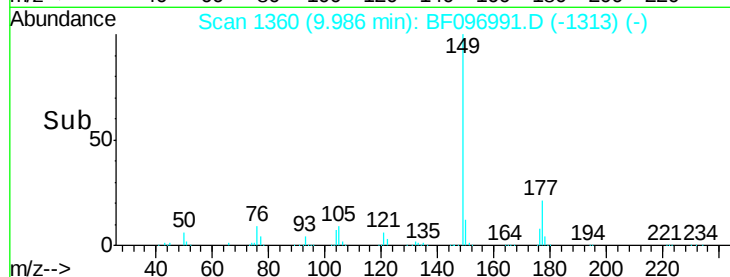
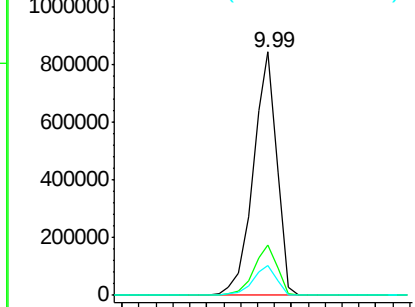
#59
Diethylphthalate
Concen: 40.19 ng
RT: 9.99 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 817993
Ion Ratio Lower Upper
149 100
177 20.8 16.7 25.1
150 12.2 10.2 15.2

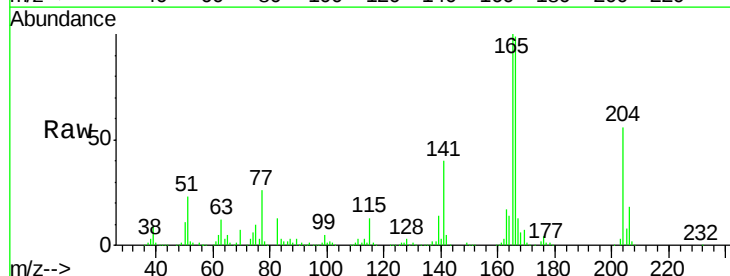


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

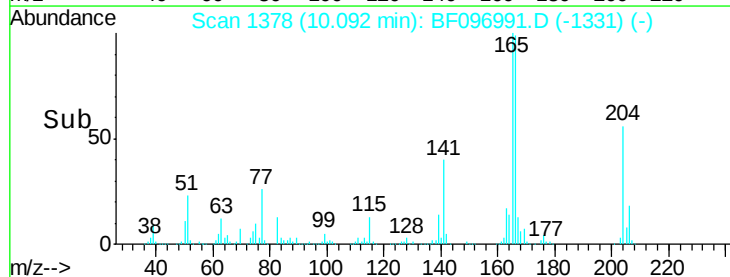
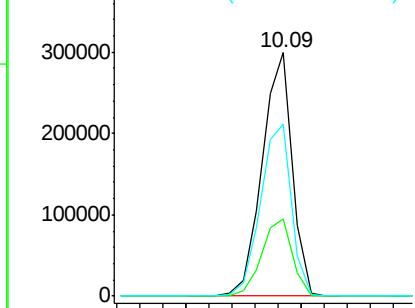


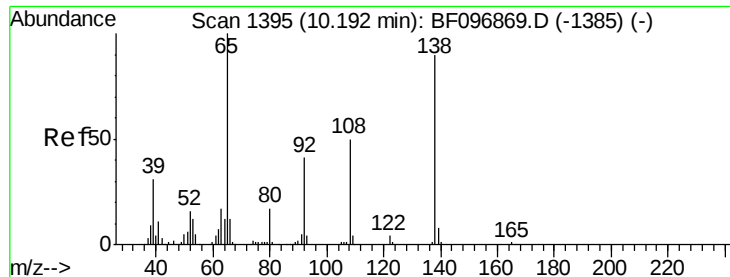
#60
4-Chlorophenyl-phenylether
Concen: 36.41 ng
RT: 10.09 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

Tgt Ion:204 Resp: 271284
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 70.8 60.8 91.2



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

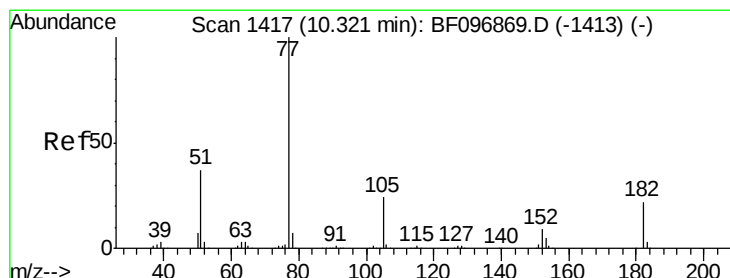
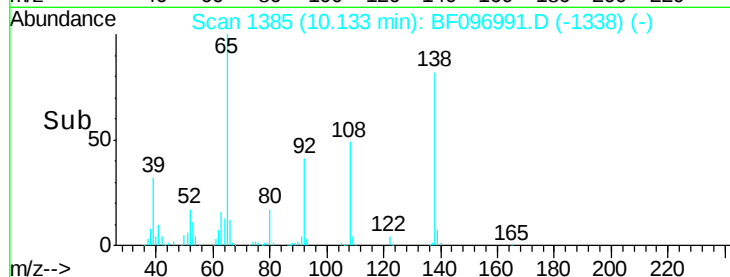
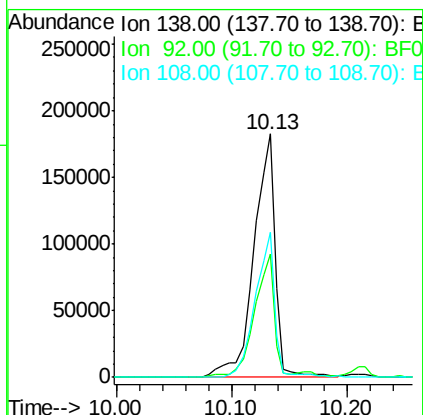
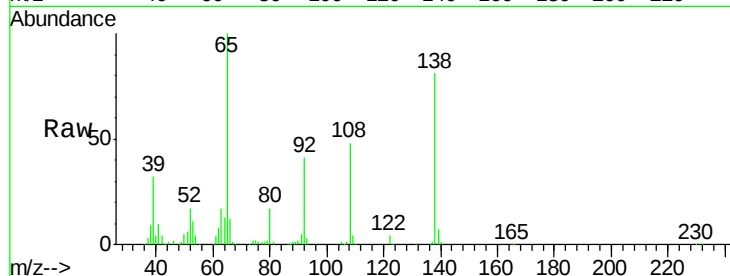




#61
4-Nitroaniline
Concen: 47.26 ng
RT: 10.13 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

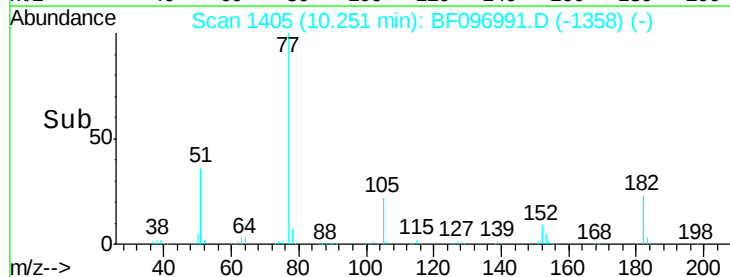
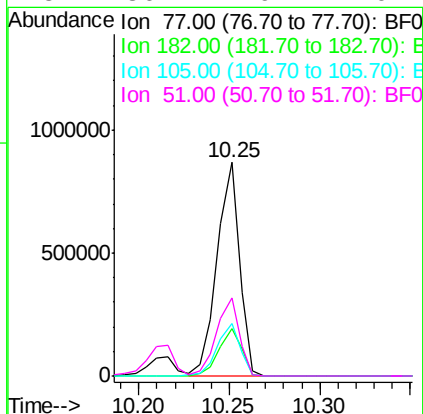
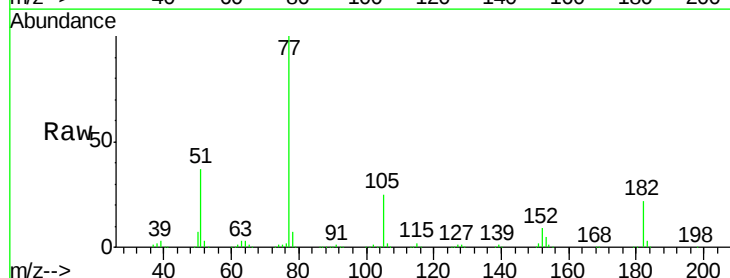
Instrument :
BNA_F
ClientSampled :

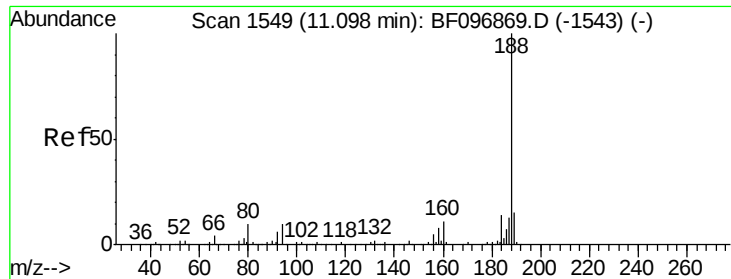
Tot Ion:138 Resp: 238073
Ion Ratio Lower Upper
138 100
92 50.5 21.8 61.8
108 59.7 42.3 82.3



#62
Azobenzene
Concen: 41.77 ng
RT: 10.25 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

Tgt Ion: 77 Resp: 749855
Ion Ratio Lower Upper
77 100
182 22.5 0.1 40.1
105 24.5 3.6 43.6
51 36.7 9.4 49.4

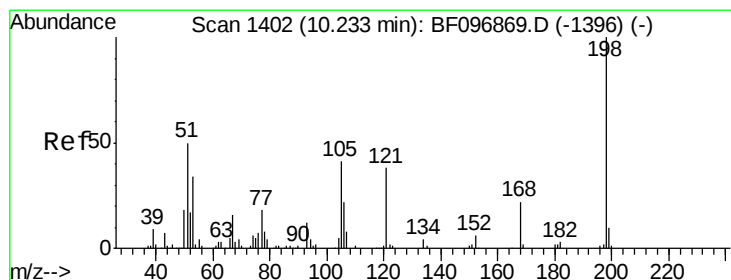
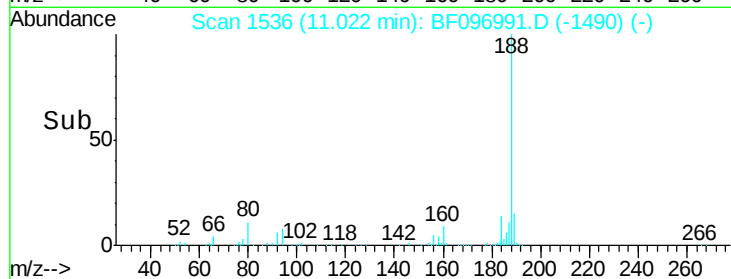
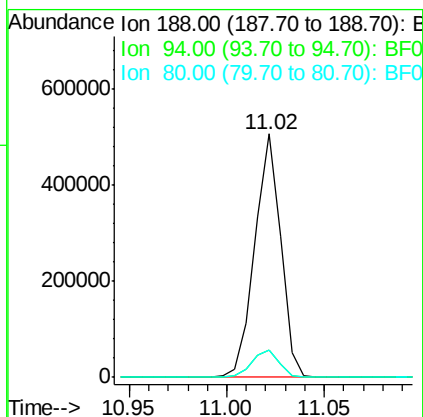
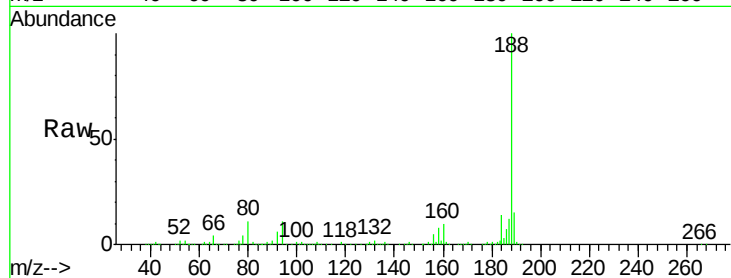




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 1536
Delta R.T. -0.03 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

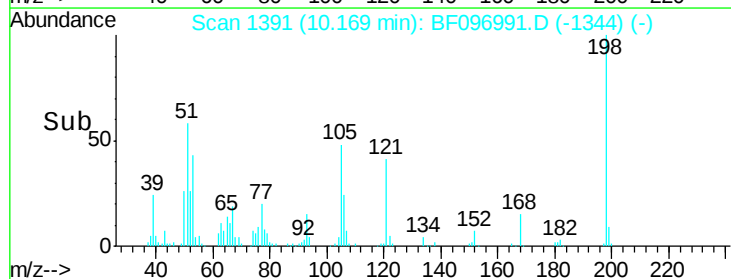
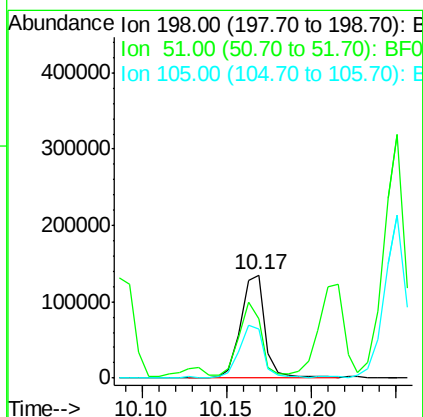
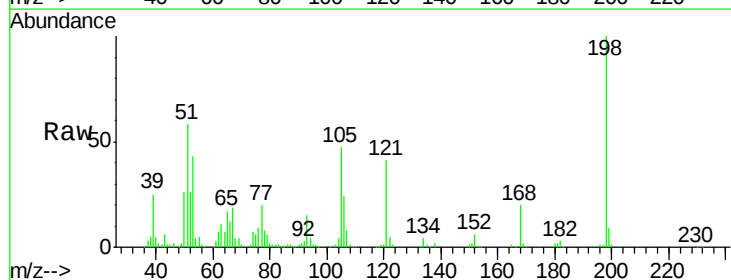
Instrument :
BNA_F
ClientSampleId :

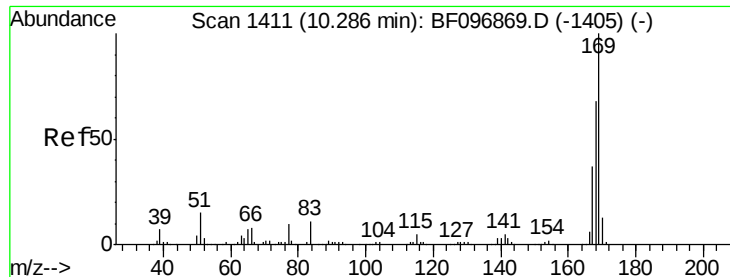
Tot Ion:188 Resp: 469455
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 11.2 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 46.08 ng
RT: 10.17 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

Tgt Ion:198 Resp: 135826
Ion Ratio Lower Upper
198 100
51 58.0 53.2 93.2
105 47.0 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 39.25 ng

RT: 10.22 min Scan# 1399

Delta R.T. -0.02 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

Instrument :

BNA_F

ClientSampleId :

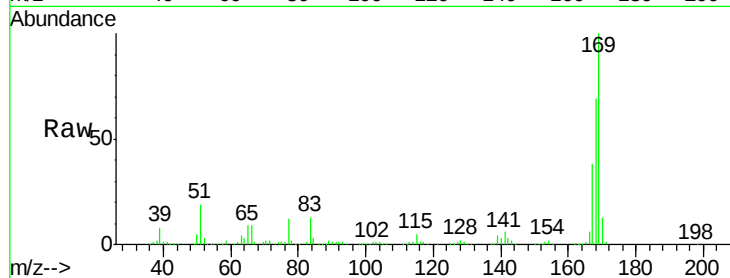
Tot Ion:169 Resp: 658629

Ion Ratio Lower Upper

169 100

168 68.7 53.2 79.8

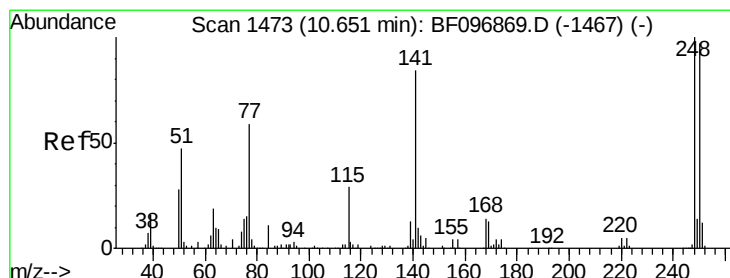
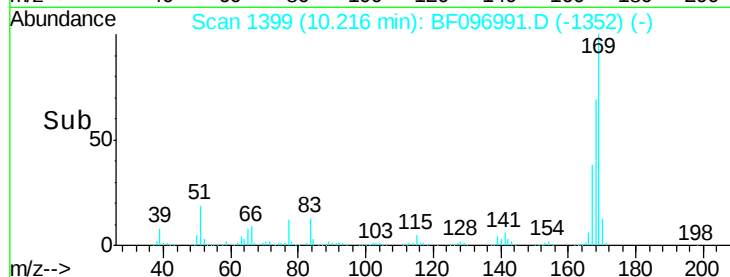
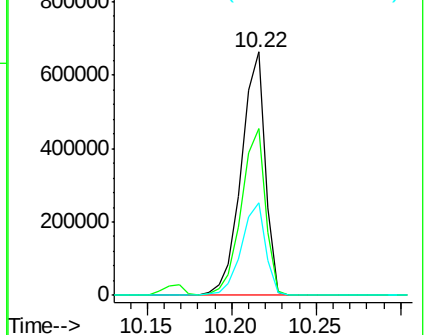
167 37.8 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.70 ng

RT: 10.57 min Scan# 1460

Delta R.T. -0.03 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

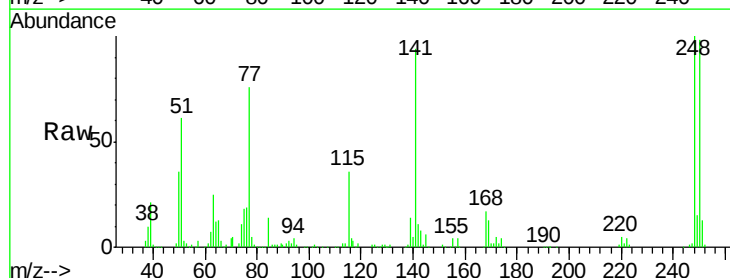
Tgt Ion:248 Resp: 190278

Ion Ratio Lower Upper

248 100

250 97.9 76.8 115.2

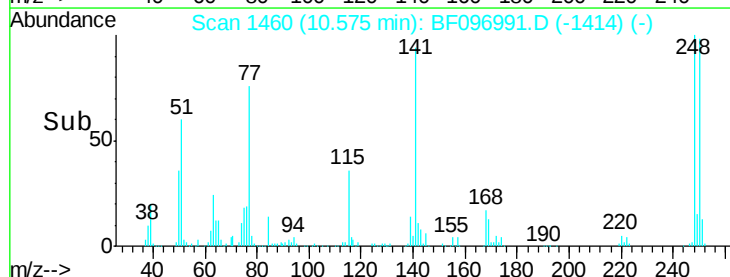
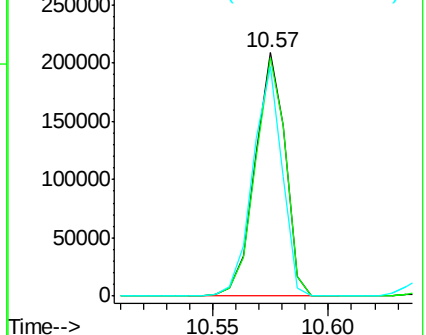
141 94.2 68.6 103.0

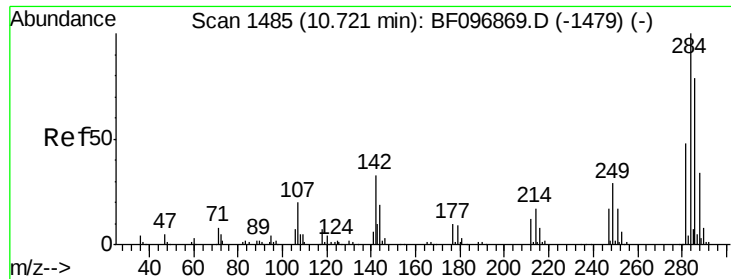


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.29 ng

RT: 10.65 min Scan# 1472

Delta R.T. -0.02 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

Instrument :

BNA_F

ClientSampleId :

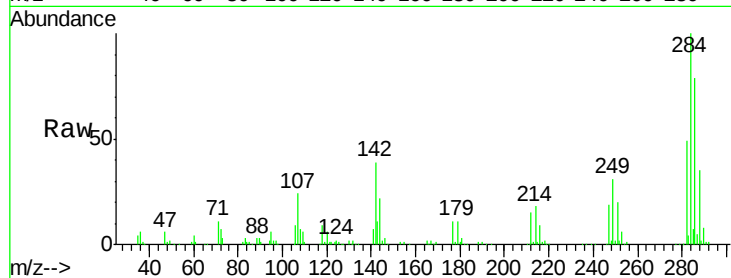
Tot Ion:284 Resp: 220425

Ion Ratio Lower Upper

284 100

142 38.8 22.8 34.2#

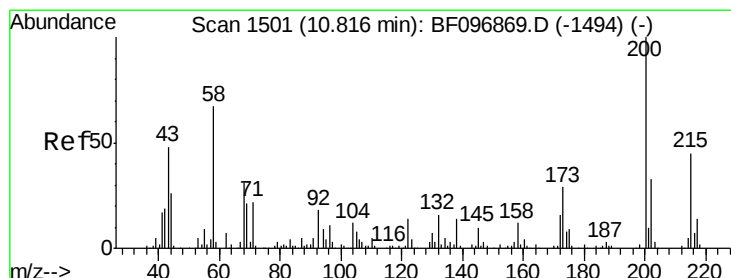
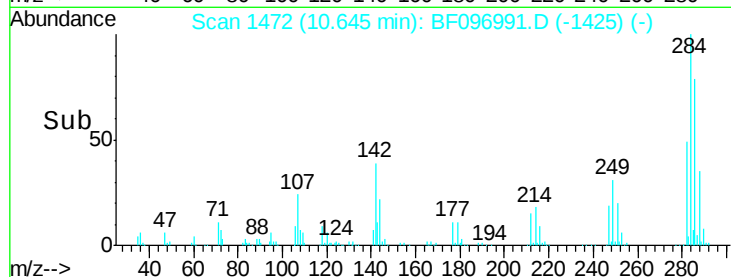
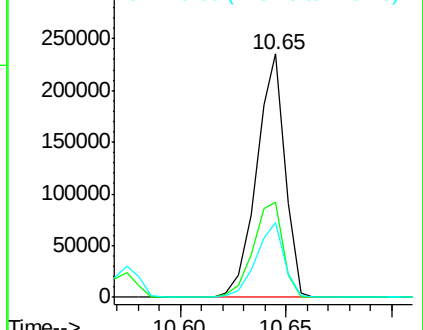
249 30.8 24.0 36.0



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: 42.12 ng

RT: 10.75 min Scan# 1490

Delta R.T. -0.02 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

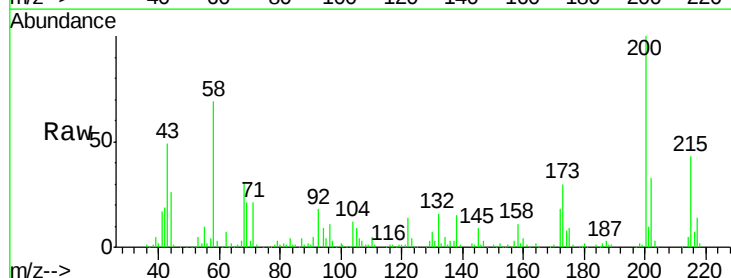
Tgt Ion:200 Resp: 201375

Ion Ratio Lower Upper

200 100

173 30.0 6.3 46.3

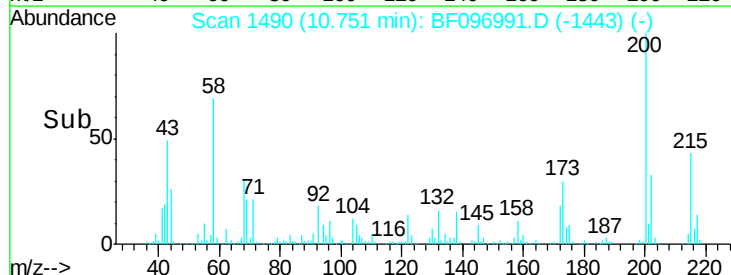
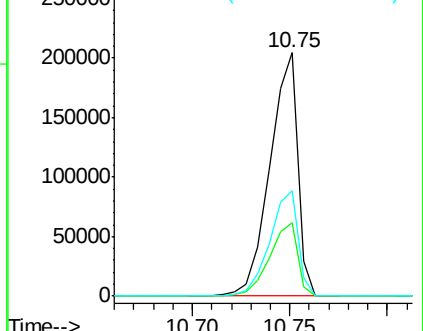
215 43.4 27.2 67.2

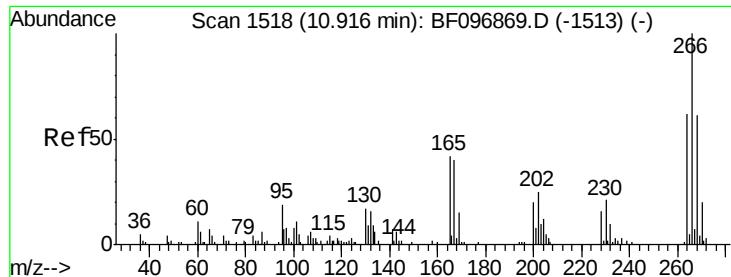


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

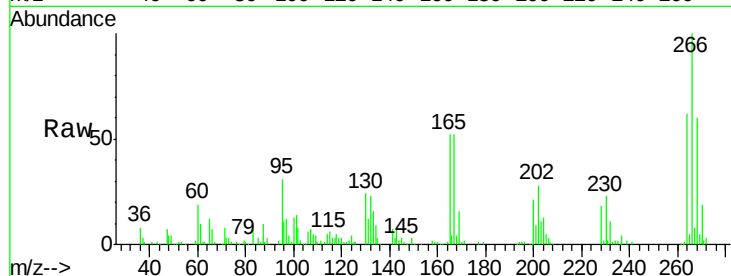




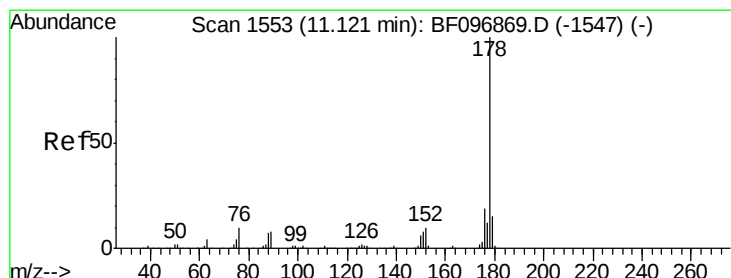
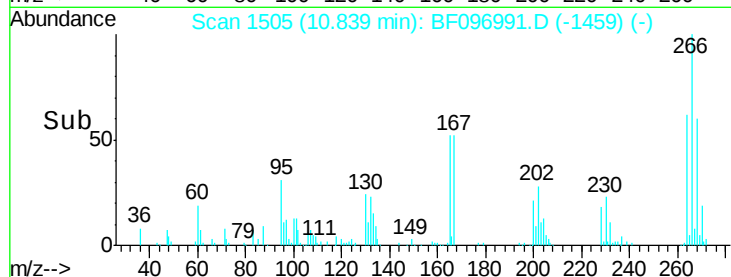
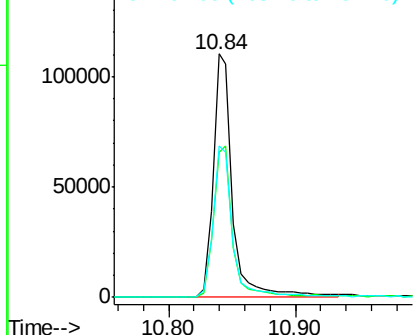
#69
 Pentachlorophenol
 Concen: 46.07 ng
 RT: 10.84 min Scan# 1505
 Delta R.T. -0.03 min
 Lab File: BF096991.D
 Acq: 24 Jul 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 118816
 Ion Ratio Lower Upper
 266 100
 268 59.7 51.1 76.7
 264 62.1 51.7 77.5

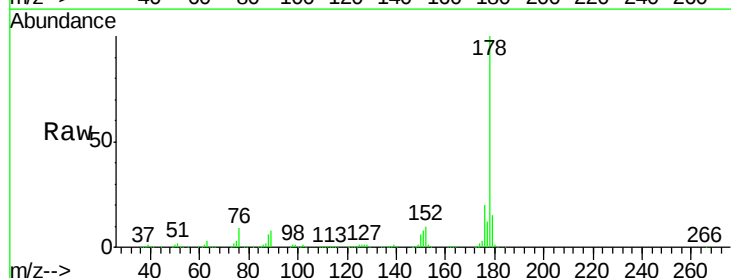


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

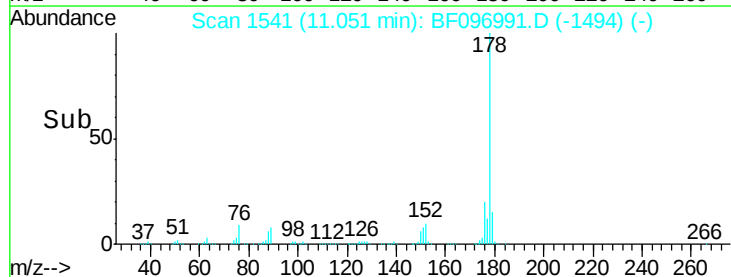
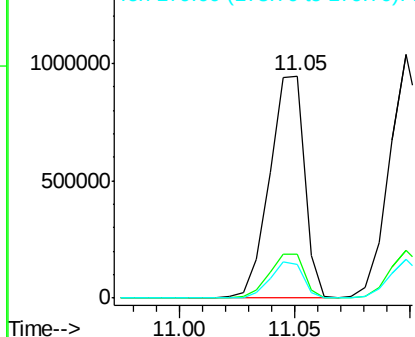


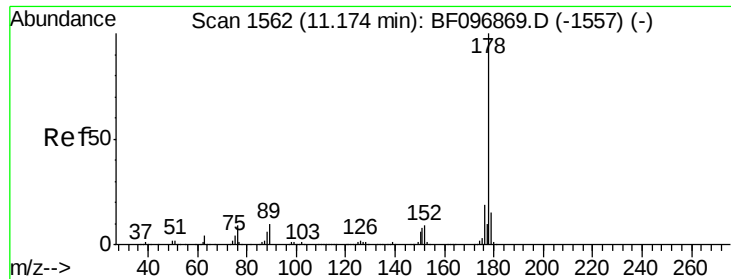
#70
 Phenanthrene
 Concen: 38.89 ng
 RT: 11.05 min Scan# 1541
 Delta R.T. -0.02 min
 Lab File: BF096991.D
 Acq: 24 Jul 2017 18:04

Tgt Ion:178 Resp: 992823
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 15.3 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

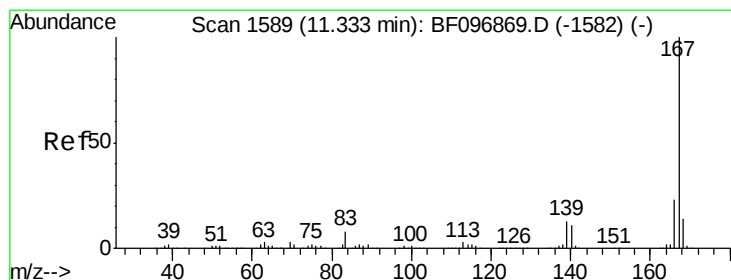
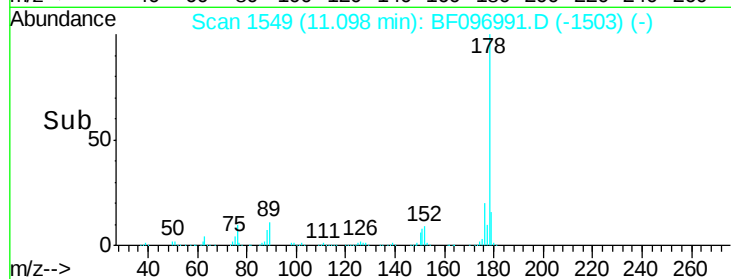
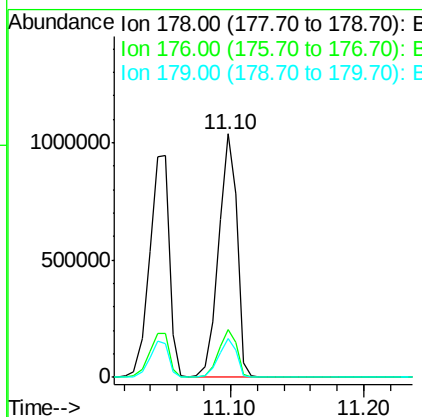
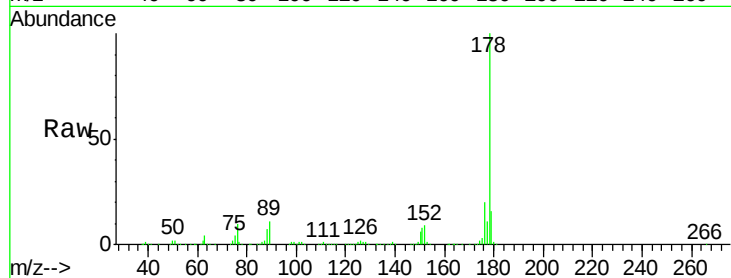




#71
 Anthracene
 Concen: 39.09 ng
 RT: 11.10 min Scan# 1549
 Delta R.T. -0.03 min
 Lab File: BF096991.D
 Acq: 24 Jul 2017 18:04

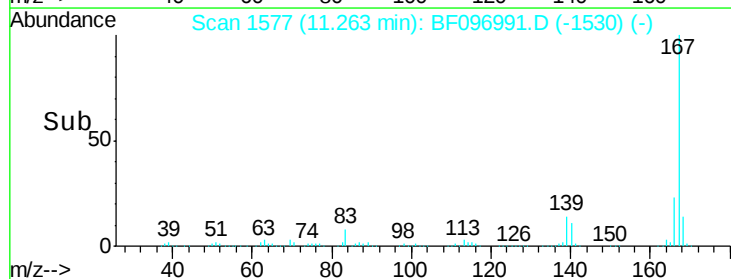
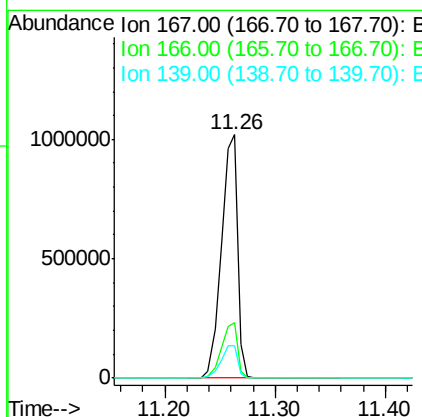
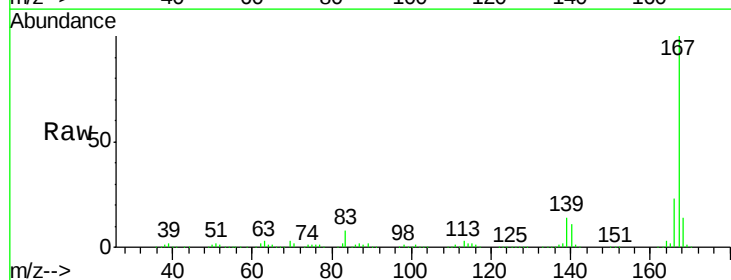
Instrument :
 BNA_F
 ClientSampled :

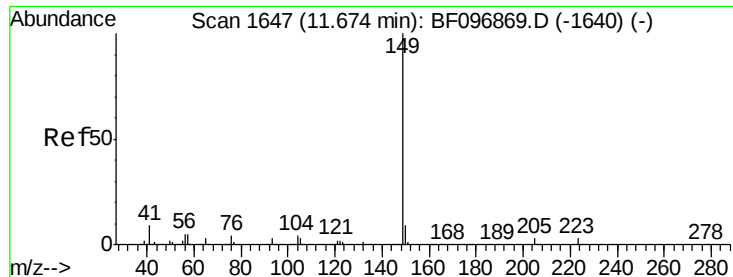
Tot Ion:178 Resp: 1008839
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 41.79 ng
 RT: 11.26 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BF096991.D
 Acq: 24 Jul 2017 18:04

Tgt Ion:167 Resp: 1044388
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.1 27.1
 139 13.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.71 ng

RT: 11.60 min Scan# 1634

Delta R.T. -0.03 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

Instrument :

BNA_F

ClientSampleId :

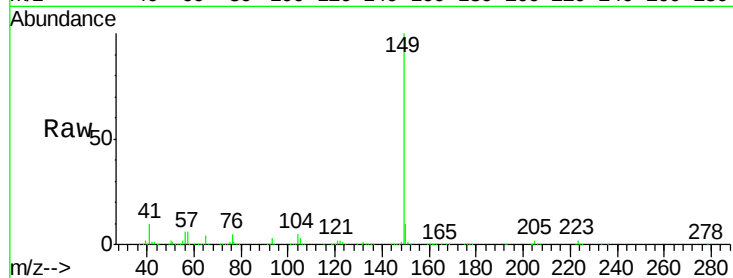
Tot Ion:149 Resp: 1267195

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

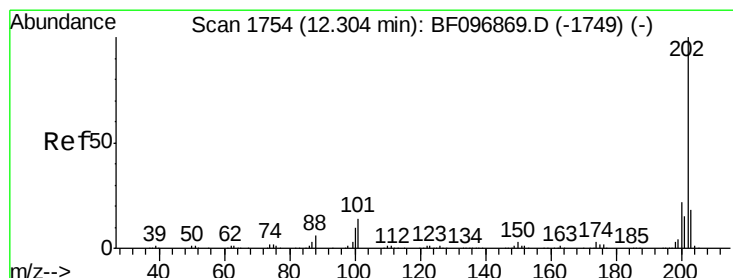
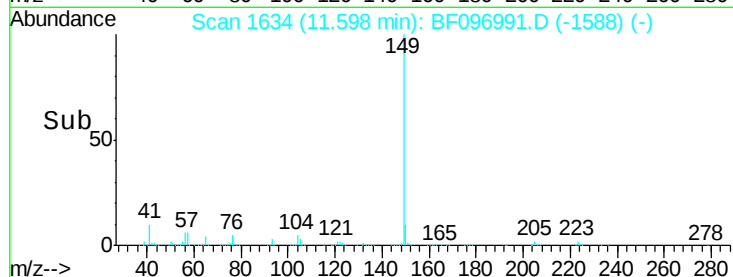
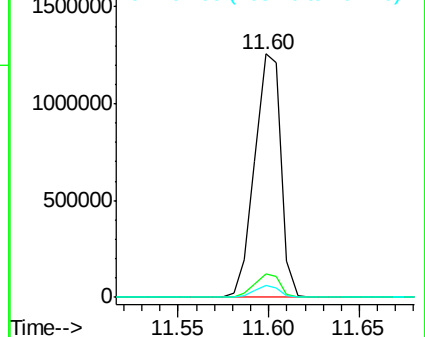
104 4.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.90 ng

RT: 12.23 min Scan# 1741

Delta R.T. -0.03 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

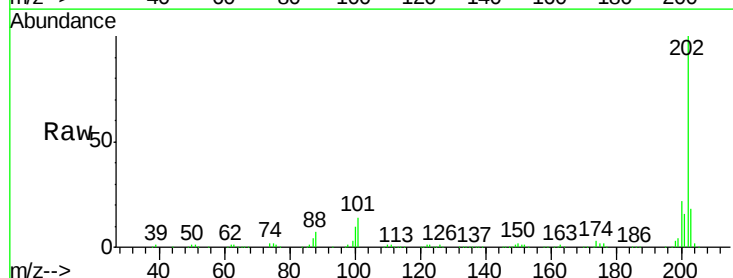
Tgt Ion:202 Resp: 901558

Ion Ratio Lower Upper

202 100

101 14.2 0.0 33.2

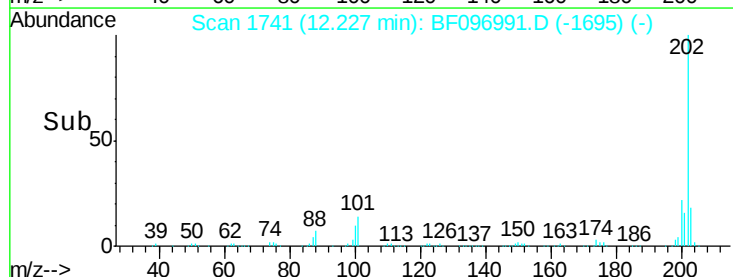
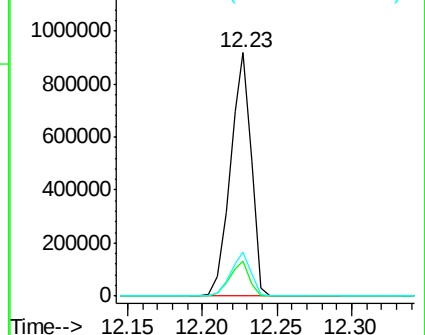
203 18.0 0.0 38.1

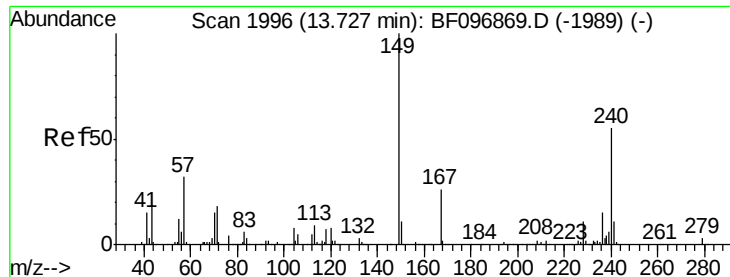


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.65 min Scan# 1983

Delta R.T. -0.03 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

Instrument :

BNA_F

ClientSampleId :

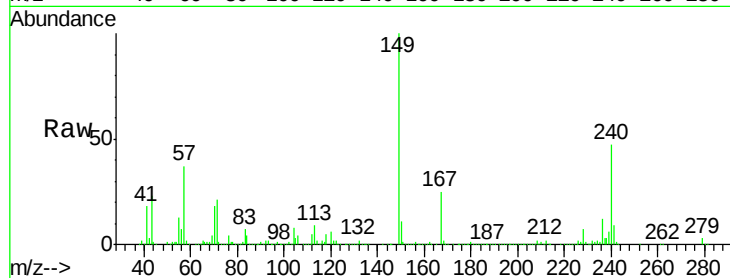
Tot Ion:240 Resp: 264788

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

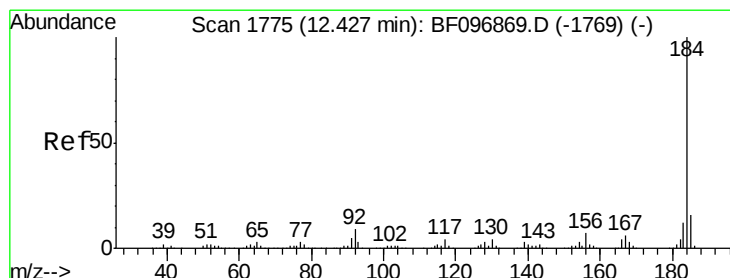
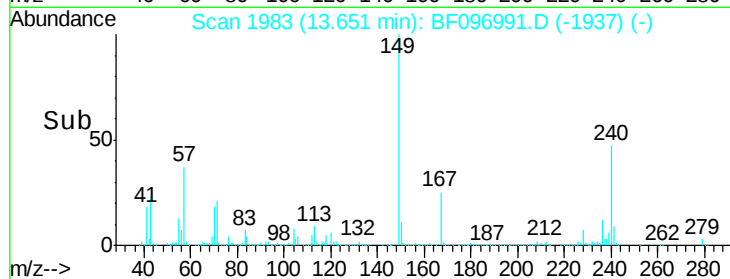
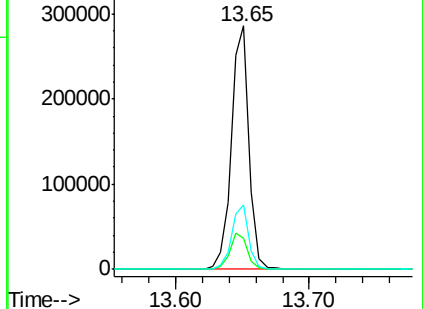
236 26.3 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.14 ng

RT: 12.35 min Scan# 1762

Delta R.T. -0.03 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

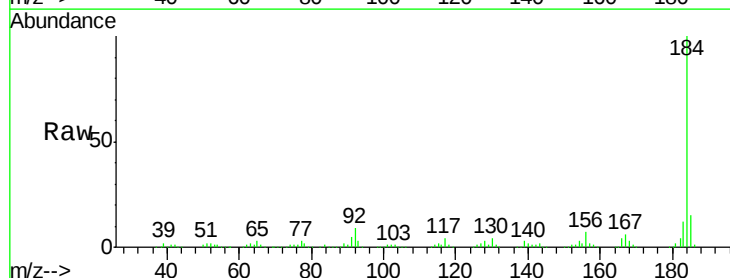
Tgt Ion:184 Resp: 261409

Ion Ratio Lower Upper

184 100

185 15.1 15.5 23.3#

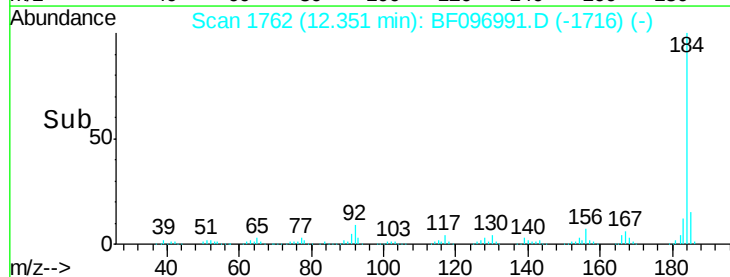
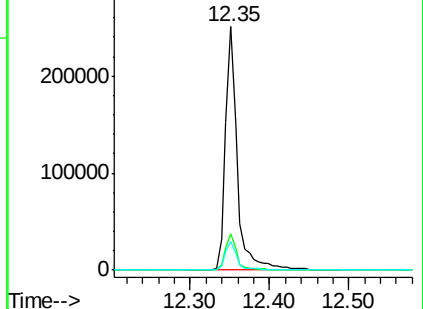
183 11.8 9.8 14.6

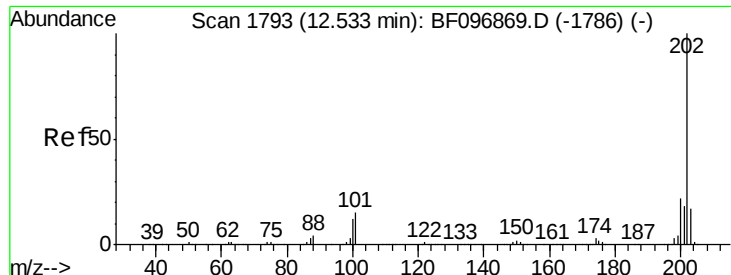


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

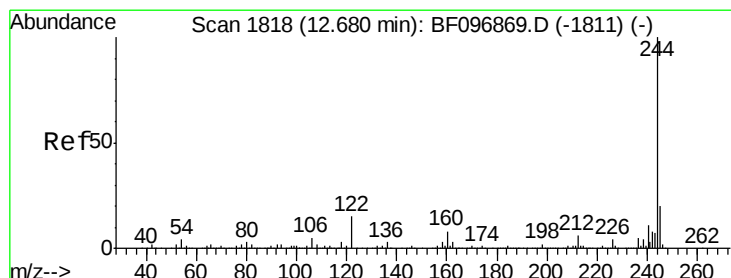
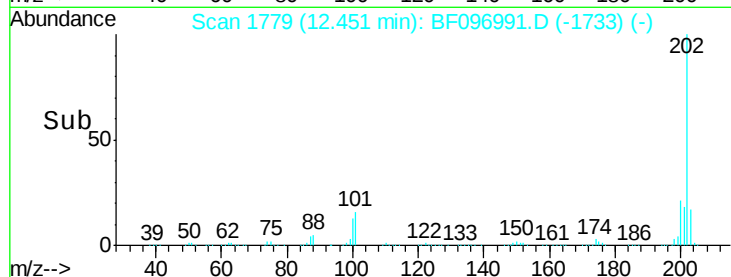
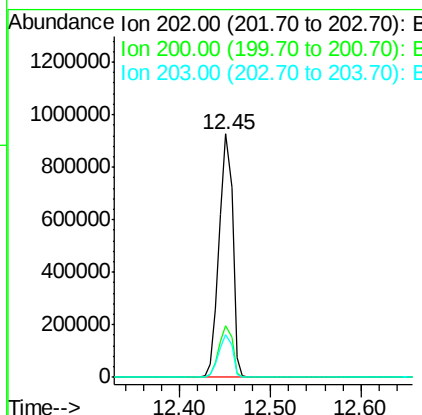
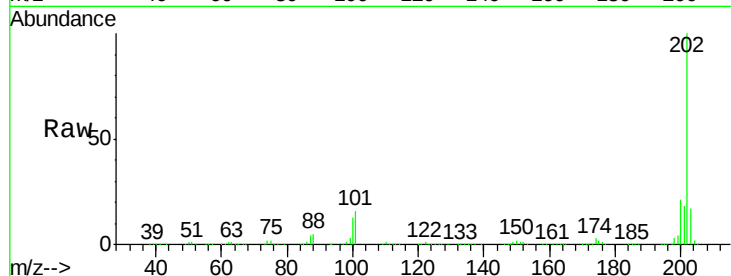




#77
 Pvrene
 Concen: 39.32 ng
 RT: 12.45 min Scan# 1779
 Delta R.T. -0.03 min
 Lab File: BF096991.D
 Acq: 24 Jul 2017 18:04

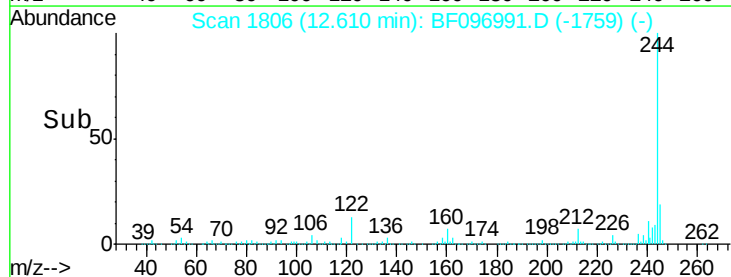
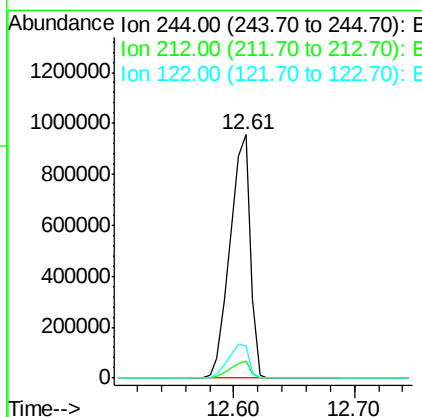
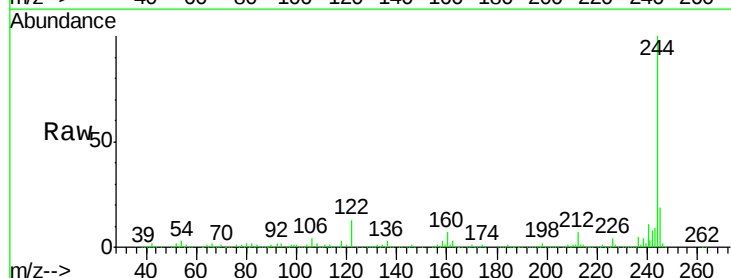
Instrument :
 BNA_F
 ClientSampleId :

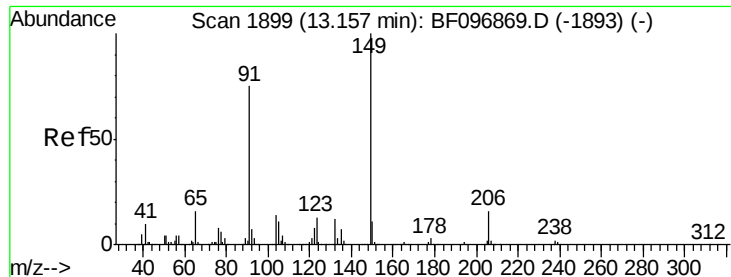
Tot Ion:202 Resp: 944807
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.6 26.4
 203 17.4 14.4 21.6



#78
 Terphenyl-d14
 Concen: 73.00 ng
 RT: 12.61 min Scan# 1806
 Delta R.T. -0.02 min
 Lab File: BF096991.D
 Acq: 24 Jul 2017 18:04

Tgt Ion:244 Resp: 1114628
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.4 10.3 15.5





#79

Butylbenzylphthalate

Concen: 41.72 ng

RT: 13.09 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

Instrument :

BNA_F

ClientSampleId :

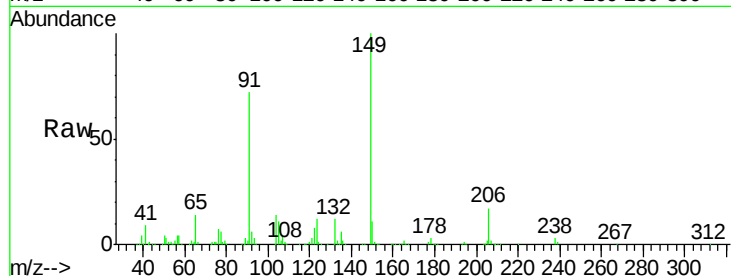
Tot Ion:149 Resp: 476390

Ion Ratio Lower Upper

149 100

91 71.5 45.0 67.4#

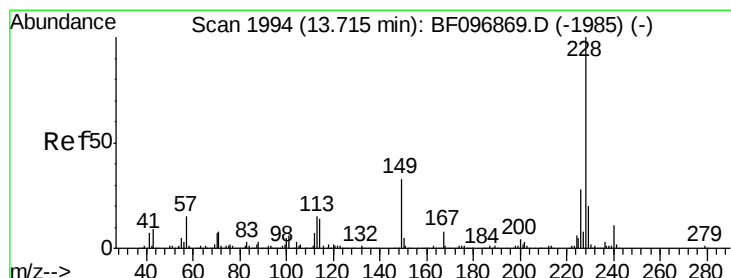
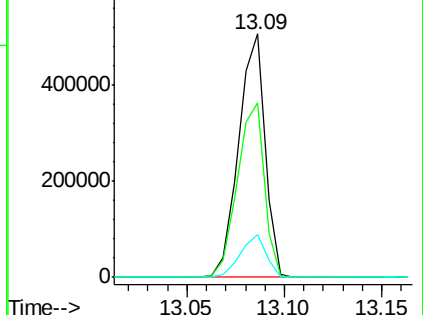
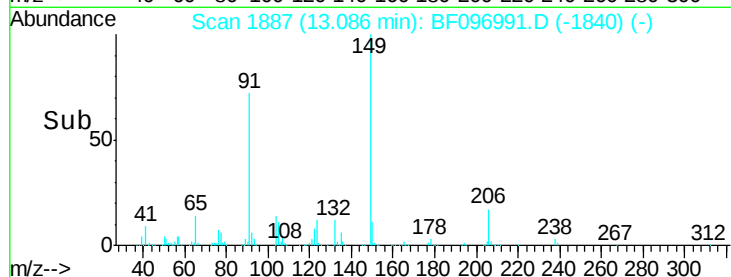
206 17.4 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.91 ng

RT: 13.64 min Scan# 1981

Delta R.T. -0.03 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

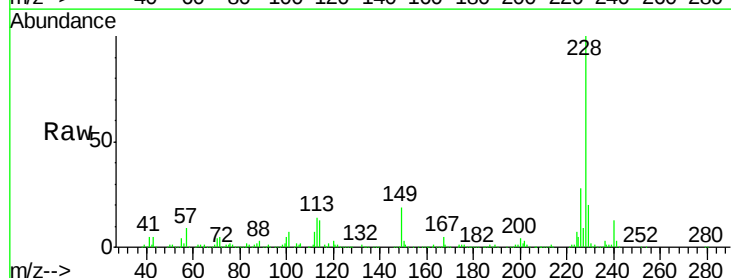
Tgt Ion:228 Resp: 740875

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

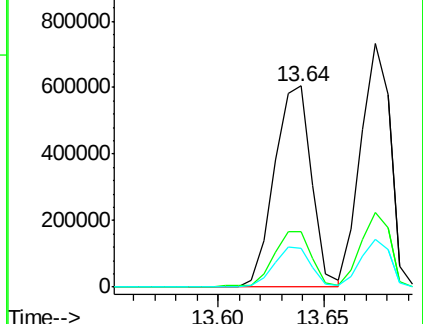
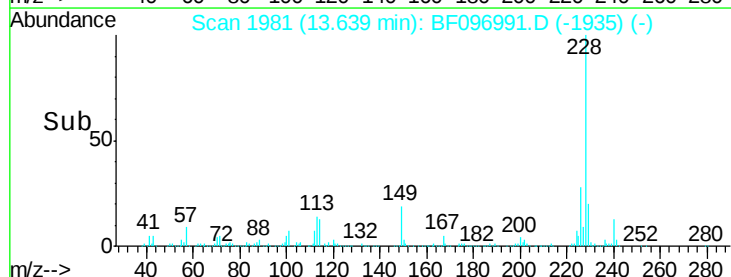
229 19.6 16.3 24.5

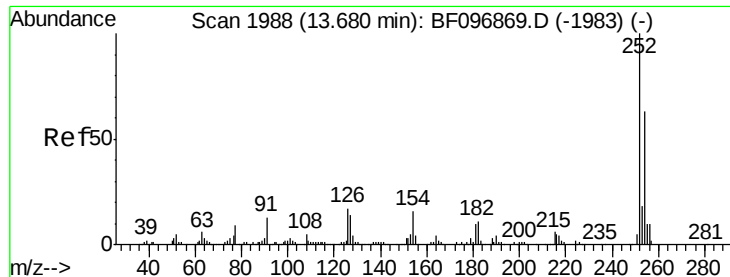


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

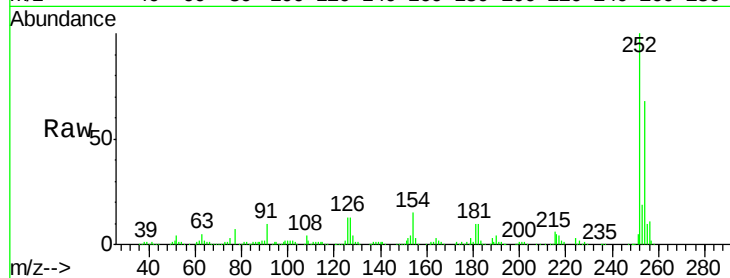




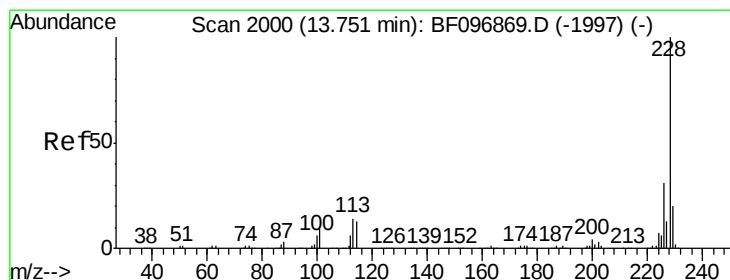
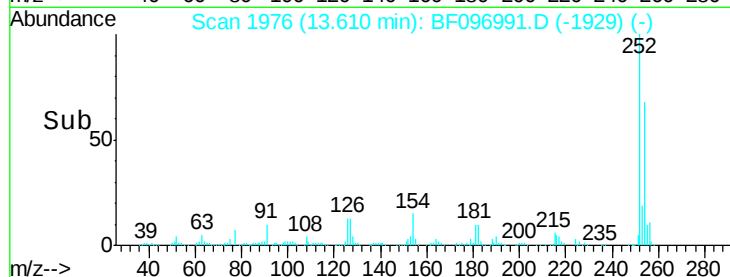
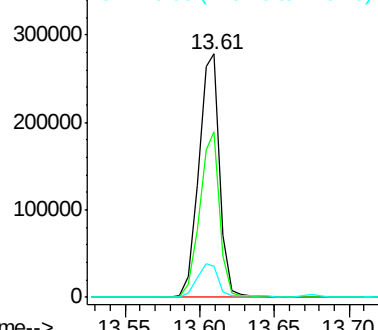
#81
 3,3'-Dichlorobenzidine
 Concen: 46.66 ng
 RT: 13.61 min Scan# 1976
 Delta R.T. -0.02 min
 Lab File: BF096991.D
 Acq: 24 Jul 2017 18:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.8	51.5	77.3
126	12.8	15.8	23.8#

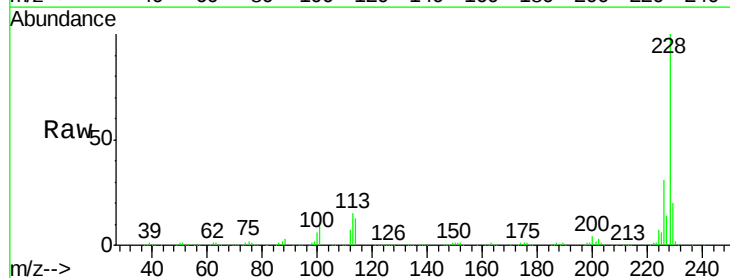


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

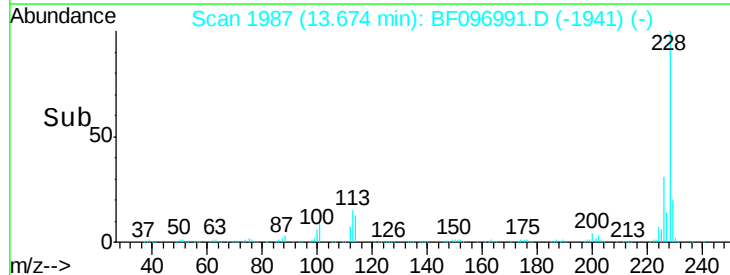
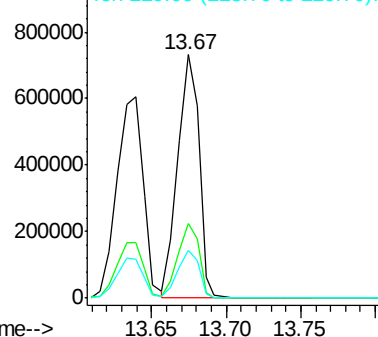


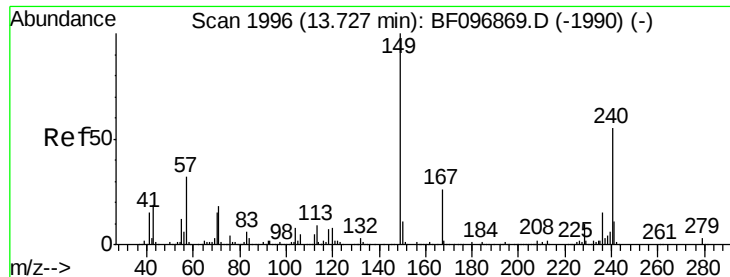
#82
 Chrysene
 Concen: 44.52 ng
 RT: 13.67 min Scan# 1987
 Delta R.T. -0.03 min
 Lab File: BF096991.D
 Acq: 24 Jul 2017 18:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.8	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: 41.22 ng

RT: 13.65 min Scan# 1983

Delta R.T. -0.03 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

Instrument :

BNA_F

ClientSampleId :

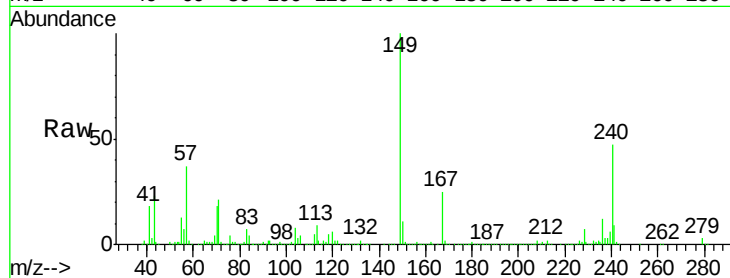
Tot Ion:149 Resp: 573178

Ion Ratio Lower Upper

149 100

167 25.2 21.0 31.4

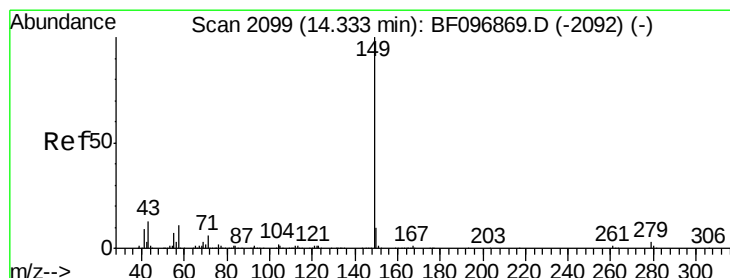
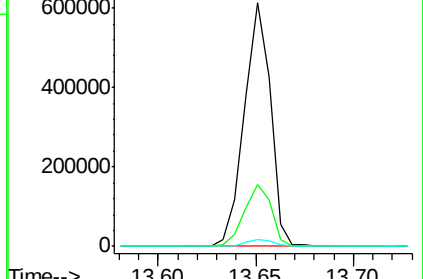
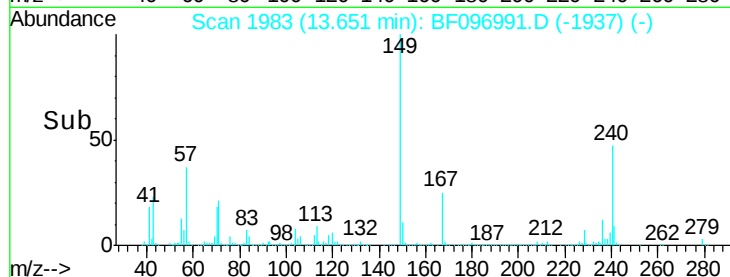
279 2.6 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.49 ng

RT: 14.26 min Scan# 2086

Delta R.T. -0.03 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

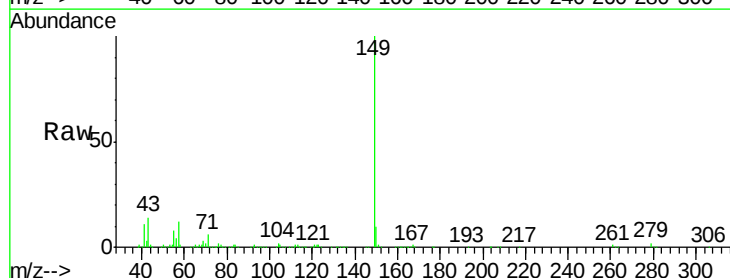
Tgt Ion:149 Resp: 1045484

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

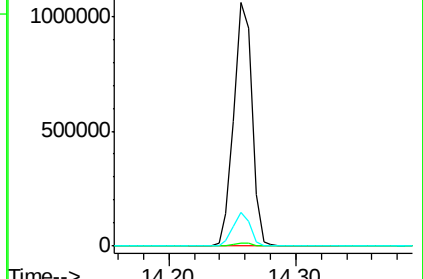
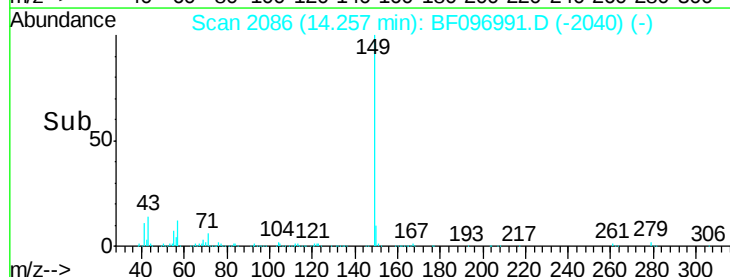
43 13.2 8.5 12.7#

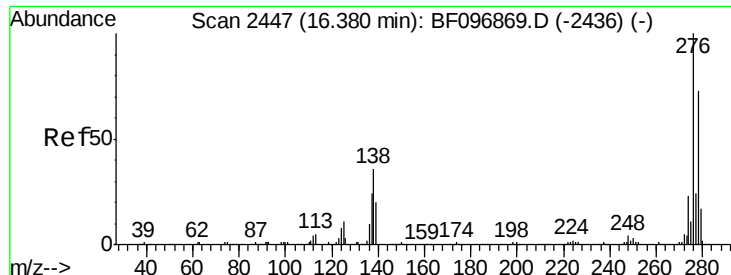


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

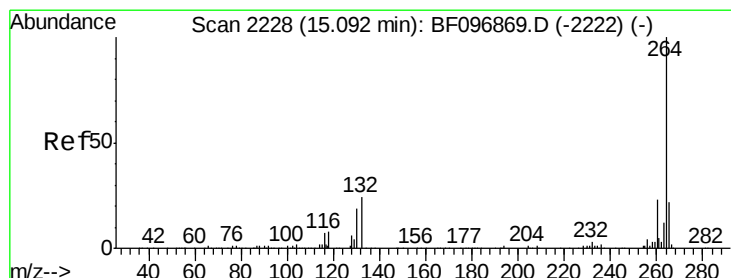
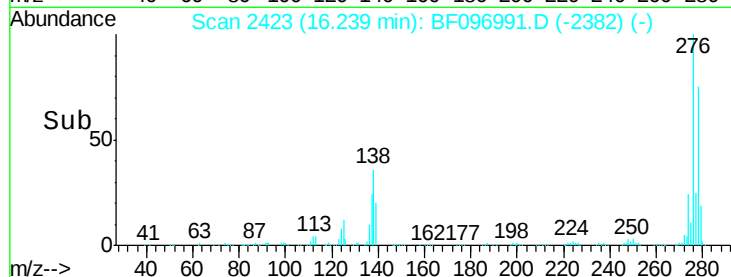
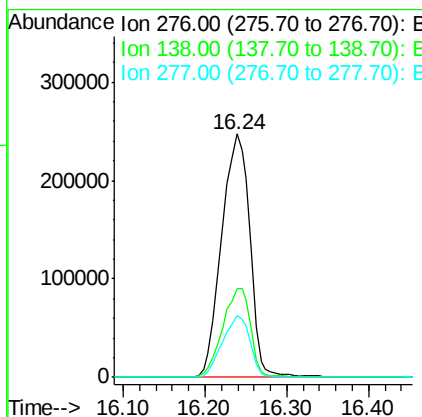
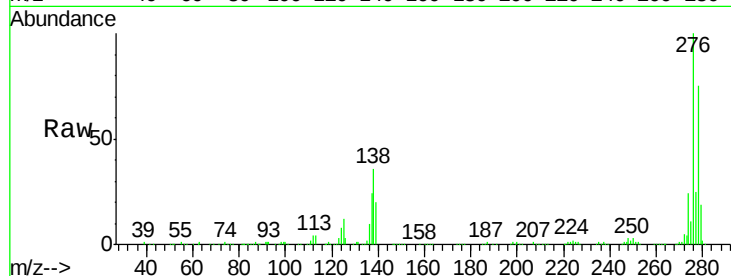




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.60 ng
 RT: 16.24 min Scan# 2423
 Delta R.T. -0.06 min
 Lab File: BF096991.D
 Acq: 24 Jul 2017 18:04

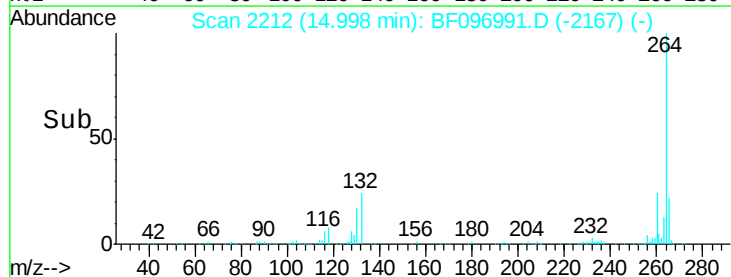
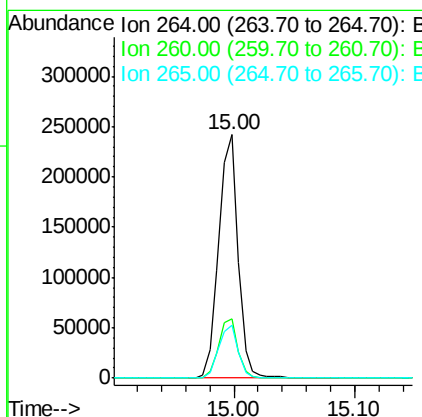
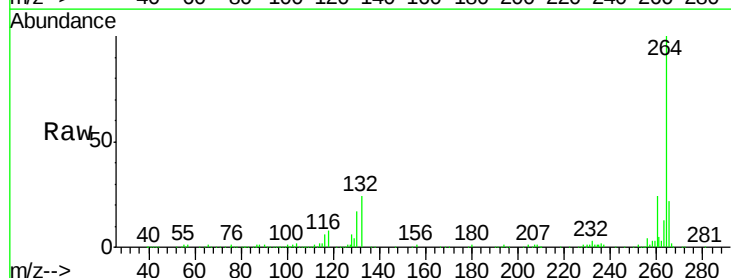
Instrument :
 BNA_F
 ClientSampleId :

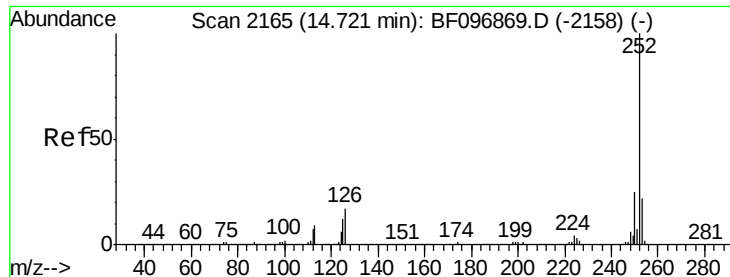
Tot Ion	Ratio	Lower	Upper
276	100		
138	36.0	27.8	41.6
277	24.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.00 min Scan# 2212
 Delta R.T. -0.04 min
 Lab File: BF096991.D
 Acq: 24 Jul 2017 18:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.7	17.2	25.8

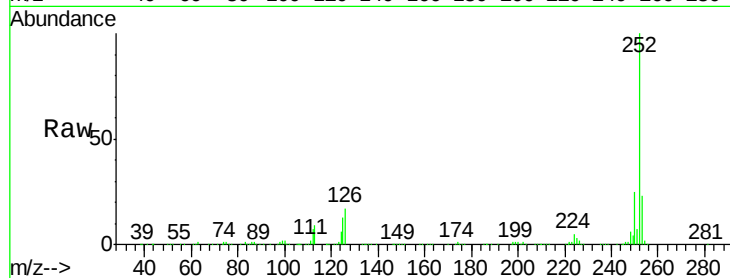




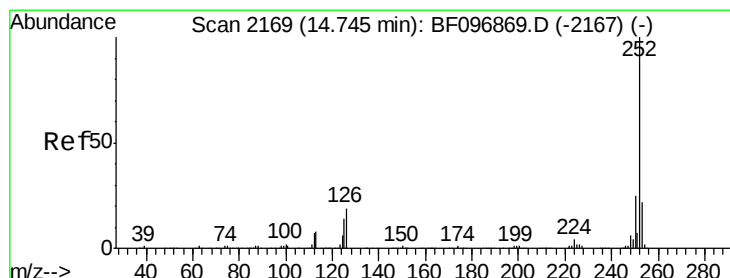
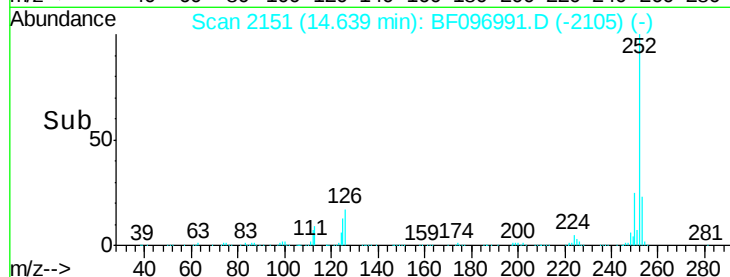
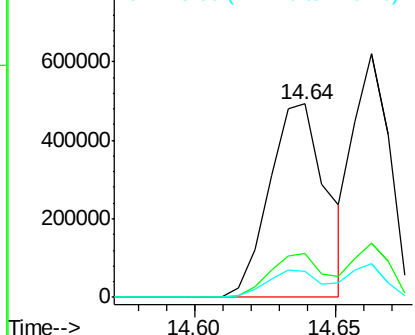
#87
Benzo(b)fluoranthene
Concen: 43.27 ng
RT: 14.64 min Scan# 2151
Delta R.T. -0.03 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 692916
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 13.4 9.8 14.8

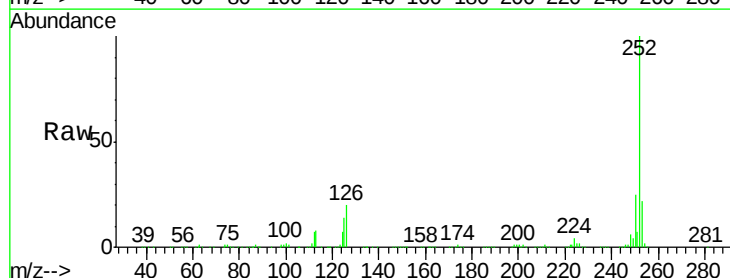


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

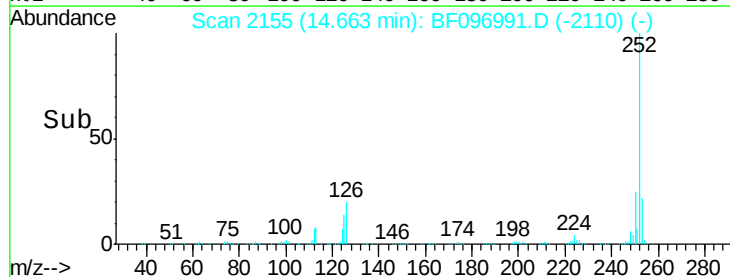
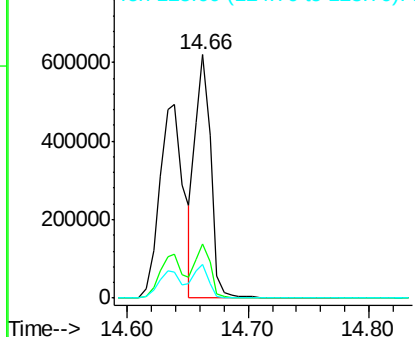


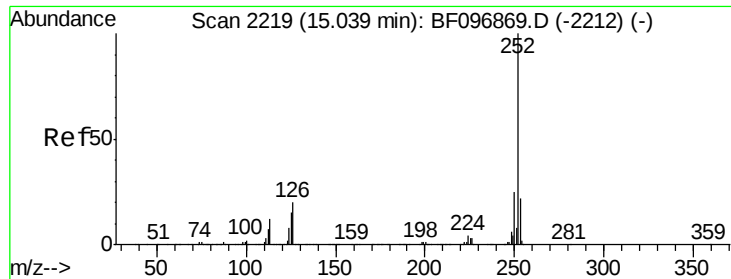
#88
Benzo(k)fluoranthene
Concen: 36.89 ng
RT: 14.66 min Scan# 2155
Delta R.T. -0.04 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

Tgt Ion:252 Resp: 559409
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 13.8 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

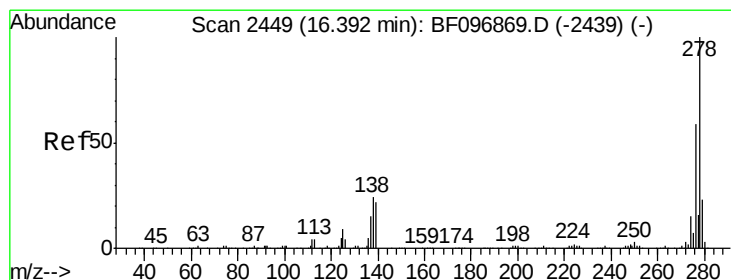
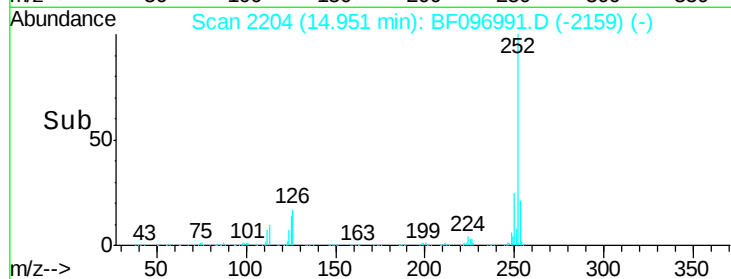
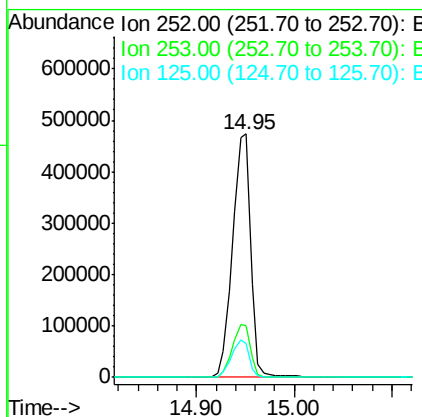
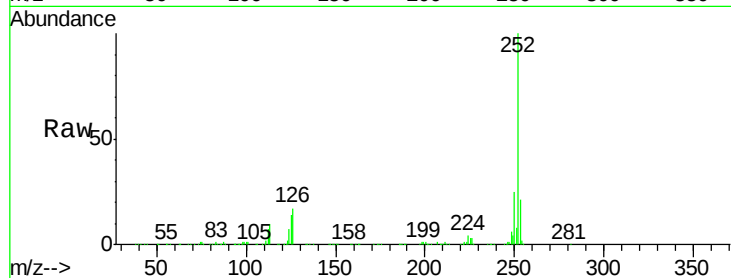




#89
Benzo(a)pyrene
Concen: 41.75 ng
RT: 14.95 min Scan# 2204
Delta R.T. -0.04 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

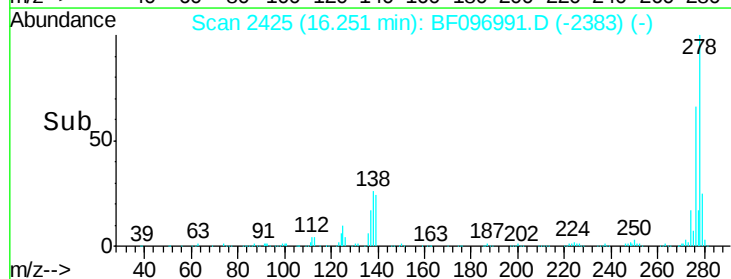
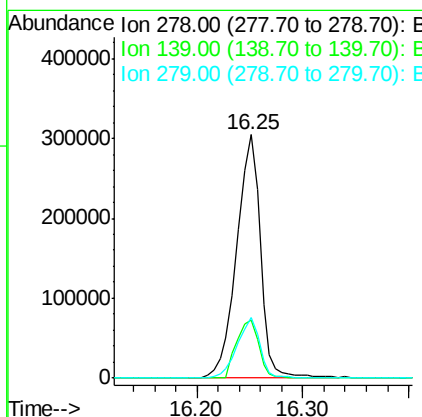
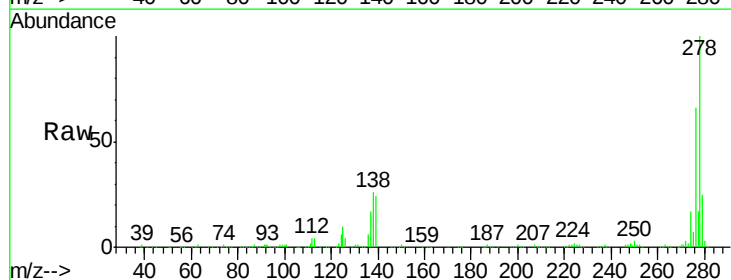
Instrument :
BNA_F
ClientSampleId :

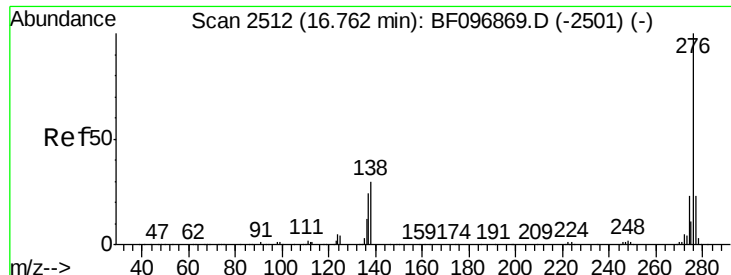
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	14.1	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 35.08 ng
RT: 16.25 min Scan# 2425
Delta R.T. -0.05 min
Lab File: BF096991.D
Acq: 24 Jul 2017 18:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.6	16.6	24.8
279	24.9	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 34.82 ng

RT: 16.60 min Scan# 2485

Delta R.T. -0.06 min

Lab File: BF096991.D

Acq: 24 Jul 2017 18:04

Instrument :

BNA_F

ClientSampleId :

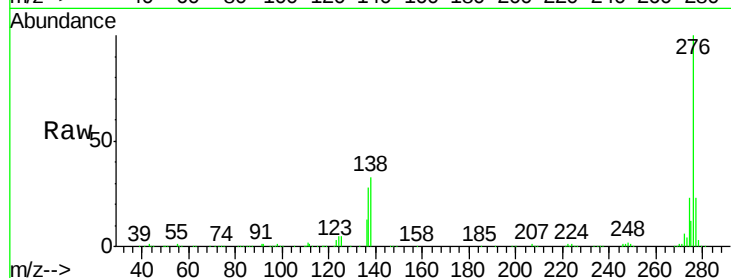
Tot Ion: 276 Resp: 503931

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 33.1 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

