

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF096992.D
 Acq On : 24 Jul 2017 18:32
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 25 01:41:29 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	139341	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	609822	20.00	ng	-0.02
38) Acenaphthene-d10	9.55	164	263249	20.00	ng	-0.02
63) Phenanthrene-d10	11.02	188	431379	20.00	ng	-0.03
75) Chrysene-d12	13.65	240	293416	20.00	ng	-0.03
86) Perylene-d12	15.00	264	286169	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.12	112	838771	90.51	ng	-0.03
7) Phenol-d6	6.19	99	989632	88.99	ng	-0.03
23) Nitrobenzene-d5	7.09	82	864818	87.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	171815	76.46	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	1257378	75.46	ng	-0.03
78) Terphenyl-d14	12.61	244	1081812	63.94	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.05	88	166024	34.82	ng	# 76
3) Pyridine	2.67	79	492592	49.15	ng	# 65
4) n-Nitrosodimethylamine	2.64	42	270008	48.18	ng	# 82
6) Aniline	6.18	93	631621	46.11	ng	# 86
8) 2-Chlorophenol	6.31	128	468157	46.83	ng	# 93
9) Benzaldehyde	6.06	77	301229	46.86	ng	# 95
10) Phenol	6.20	94	614145	48.85	ng	# 98
11) bis(2-Chloroethyl)ether	6.26	93	485105	51.31	ng	# 89
12) 1,3-Dichlorobenzene	6.46	146	443446	41.73	ng	# 99
13) 1,4-Dichlorobenzene	6.53	146	444300	41.28	ng	# 95
14) 1,2-Dichlorobenzene	6.69	146	383555	39.18	ng	# 96
15) Benzyl Alcohol	6.68	79	276988	38.04	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	6.81	45	819903	42.02	ng	# 75
17) 2-Methylphenol	6.80	107	324304	41.71	ng	# 89
18) Hexachloroethane	7.03	117	166507	43.63	ng	# 83
19) n-Nitroso-di-n-propylamine	6.95	70	293769	43.85	ng	# 83
20) 3+4-Methylphenols	6.96	107	429984	45.58	ng	# 63
22) Acetophenone	6.94	105	596668	43.78	ng	# 96
24) Nitrobenzene	7.11	77	452987	44.49	ng	# 95
25) Isophorone	7.35	82	924992	50.50	ng	# 99
26) 2-Nitrophenol	7.42	139	252324	44.57	ng	# 85
27) 2,4-Dimethylphenol	7.48	122	407313	43.73	ng	# 97
28) bis(2-Chloroethoxy)methane	7.57	93	523090	42.27	ng	# 99
29) 2,4-Dichlorophenol	7.67	162	334595	39.69	ng	# 95
30) 1,2,4-Trichlorobenzene	7.75	180	322443	40.22	ng	# 97
31) Naphthalene	7.82	128	1153580	39.93	ng	# 100
32) Benzoic acid	7.65	122	303014	50.90	ng	# 96
33) 4-Chloroaniline	7.88	127	473401	41.36	ng	# 99
34) Hexachlorobutadiene	7.95	225	167083	39.04	ng	# 98
35) Caprolactam	8.27	113	114812	42.50	ng	# 65
36) 4-Chloro-3-methylphenol	8.39	107	368872	40.69	ng	# 88
37) 2-Methylnaphthalene	8.52	142	728412	39.55	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	286716	40.29	ng	# 99
40) Hexachlorocyclopentadiene	8.67	237	96423	38.77	ng	# 98

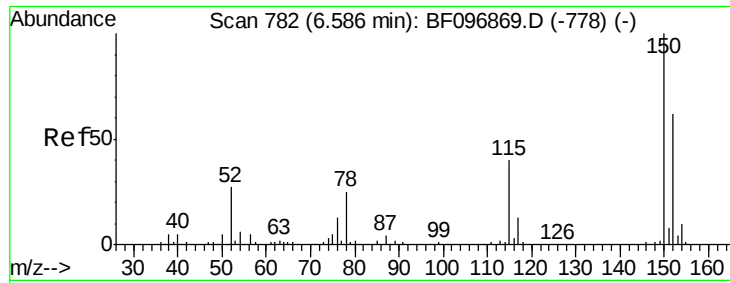
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	214811	40.92	nq	98
43) 2,4,5-Trichlorophenol	8.85	196	212876	40.21	nq	94
45) 1,1'-Biphenyl	8.98	154	893037	39.55	nq	98
46) 2-Chloronaphthalene	9.00	162	660555	39.73	nq	# 92
47) 2-Nitroaniline	9.10	65	253909	44.43	nq	97
48) Acenaphthylene	9.41	152	1005812	37.97	nq	99
49) Dimethylphthalate	9.29	163	822640	41.50	nq	98
50) 2,6-Dinitrotoluene	9.35	165	180671	42.08	nq	# 83
51) Acenaphthene	9.58	154	599538	38.31	nq	98
52) 3-Nitroaniline	9.52	138	219509	43.16	nq	96
53) 2,4-Dinitrophenol	9.63	184	79617	41.04	nq	# 76
54) Dibenzofuran	9.76	168	796880	36.34	nq	98
55) 4-Nitrophenol	9.70	139	150660	40.55	nq	# 65
56) 2,4-Dinitrotoluene	9.75	165	201666	36.55	nq	# 50
57) Fluorene	10.10	166	617435	38.10	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	150655	41.03	nq	# 99
59) Diethylphthalate	9.99	149	756339	39.20	nq	99
60) 4-Chlorophenyl-phenylether	10.09	204	248626	34.88	nq	96
61) 4-Nitroaniline	10.13	138	220398	46.15	nq	93
62) Azobenzene	10.25	77	681664	40.04	nq	92
64) 4,6-Dinitro-2-methylphenol	10.16	198	119685	44.19	nq	91
65) n-Nitrosodiphenylamine	10.22	169	601098	38.98	nq	98
66) 4-Bromophenyl-phenylether	10.57	248	171094	38.85	nq	95
67) Hexachlorobenzene	10.65	284	190918	38.92	nq	# 91
68) Atrazine	10.75	200	164425	37.43	nq	97
69) Pentachlorophenol	10.84	266	95116	40.14	nq	98
70) Phenanthrene	11.05	178	853089	36.37	nq	99
71) Anthracene	11.10	178	916359	38.64	nq	100
72) Carbazole	11.26	167	933086	40.63	nq	99
73) Di-n-butylphthalate	11.60	149	1116126	39.02	nq	99
74) Fluoranthene	12.23	202	897467	39.97	nq	97
76) Benzidine	12.35	184	398343	41.44	nq	# 93
77) Pyrene	12.45	202	904570	33.97	nq	100
79) Butylbenzylphthalate	13.09	149	518385	40.97	nq	# 80
80) Benzo(a)anthracene	13.63	228	783892	42.88	nq	100
81) 3,3'-Dichlorobenzidine	13.60	252	296198	45.05	nq	98
82) Chrysene	13.67	228	759973	42.23	nq	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	615458	39.94	nq	98
84) Di-n-octyl phthalate	14.26	149	1127388	44.26	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.24	276	593492	35.97	nq	94
87) Benzo(b)fluoranthene	14.64	252	639665	37.06	nq	98
88) Benzo(k)fluoranthene	14.66	252	649163	39.72	nq	96
89) Benzo(a)pyrene	14.94	252	634843	40.10	nq	97
90) Dibenzo(a,h)anthracene	16.25	278	480735	33.00	nq	# 94
91) Benzo(g,h,i)perylene	16.61	276	501536	32.15	nq	98

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

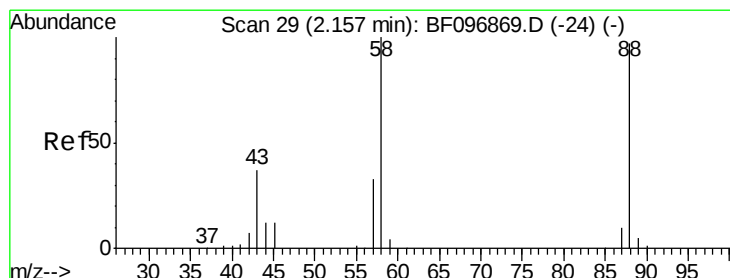
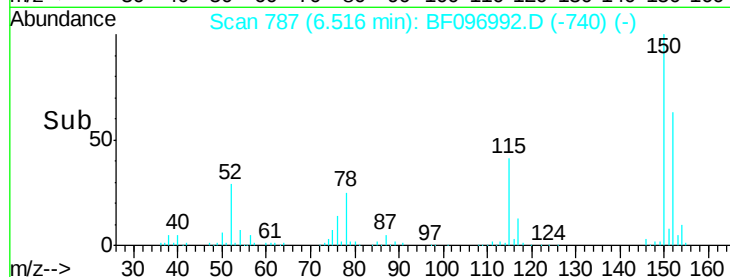
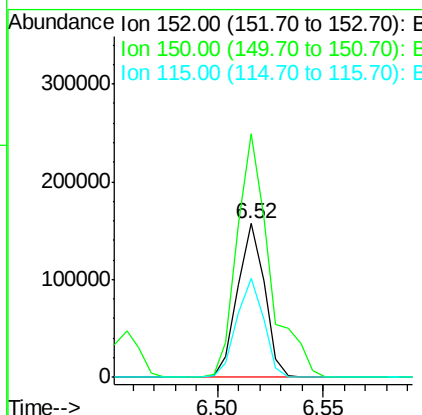
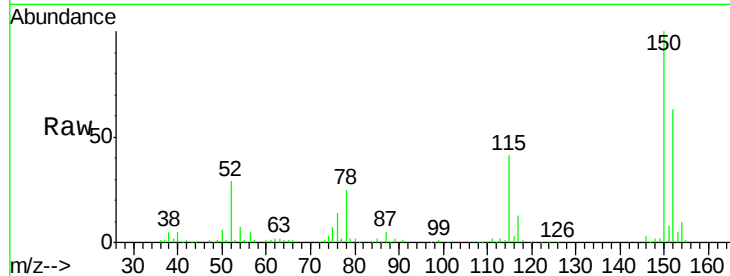


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

Instrument :
BNA_F
ClientSampleId :

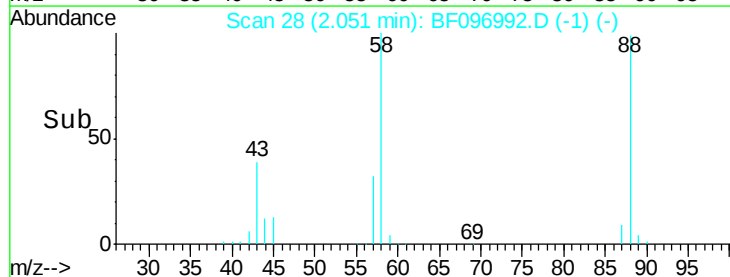
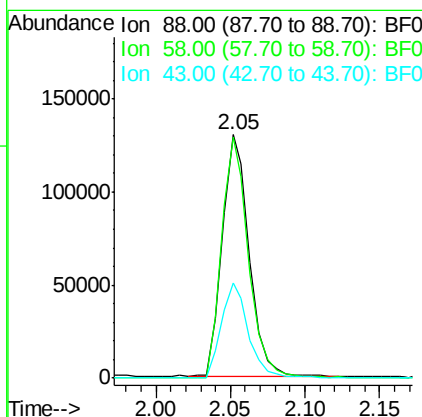
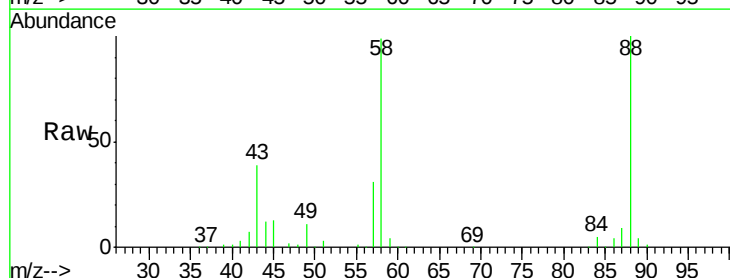
Tot Ion:152 Resp: 139341
Ion Ratio Lower Upper
152 100
150 158.1 126.2 189.2
115 64.4 52.2 78.2

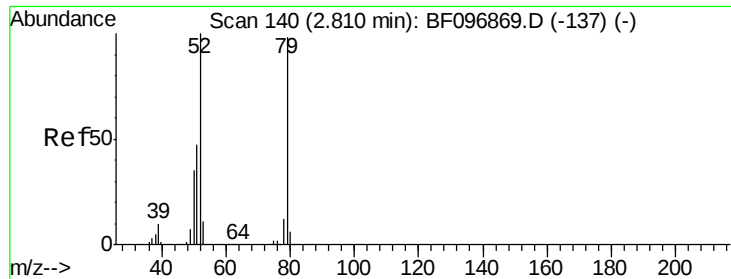


#2

1,4-Dioxane
Concen: 34.82 ng
RT: 2.05 min Scan# 28
Delta R.T. -0.04 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

Tgt Ion: 88 Resp: 166024
Ion Ratio Lower Upper
88 100
58 98.9 61.4 92.0#
43 39.7 23.4 35.0#





#3

Pvridine

Concen: 49.15 ng

RT: 2.67 min Scan# 134

Delta R.T. -0.05 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

Instrument :

BNA_F

ClientSampleId :

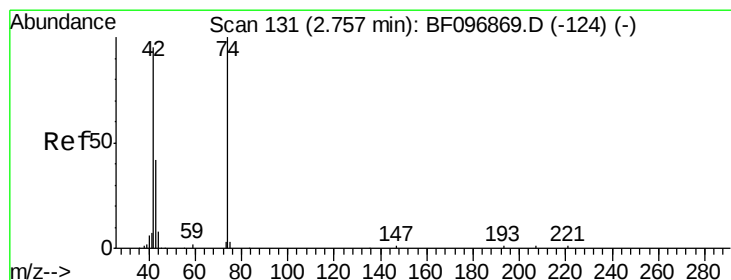
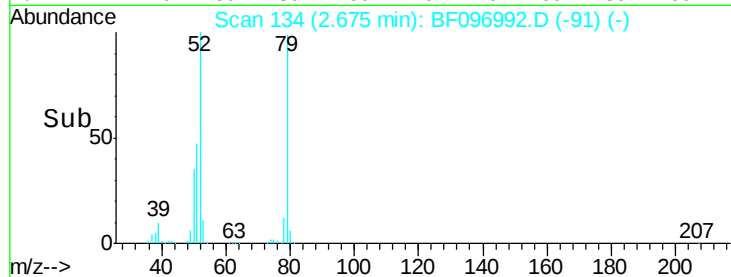
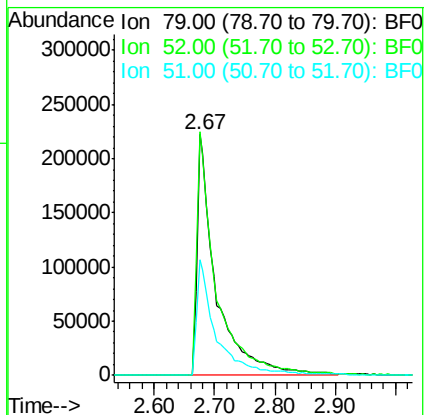
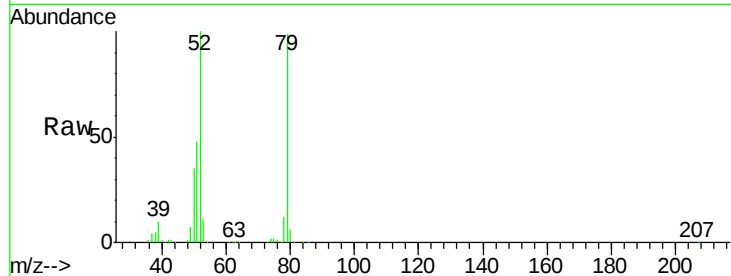
Tot Ion: 79 Resp: 492592

Ion Ratio Lower Upper

79 100

52 101.2 54.8 82.2#

51 48.2 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 48.18 ng

RT: 2.64 min Scan# 128

Delta R.T. -0.04 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

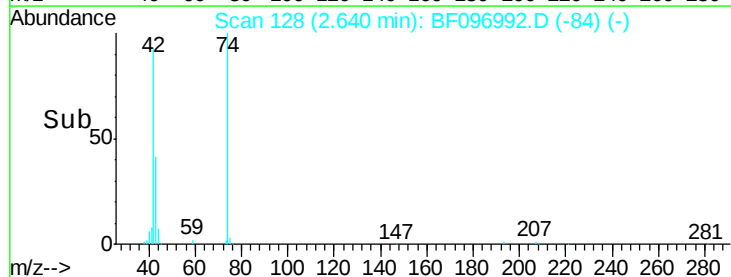
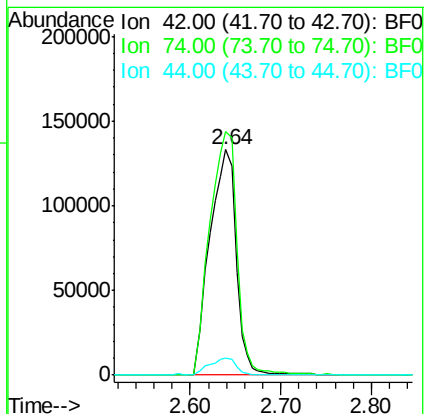
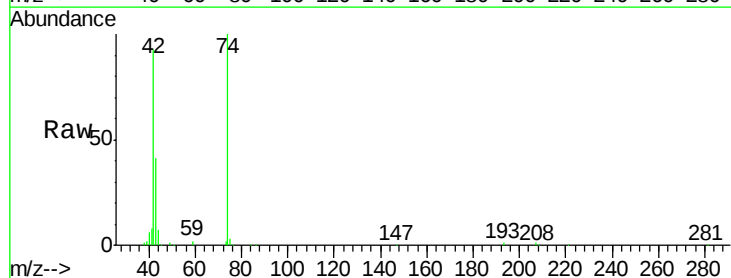
Tgt Ion: 42 Resp: 270008

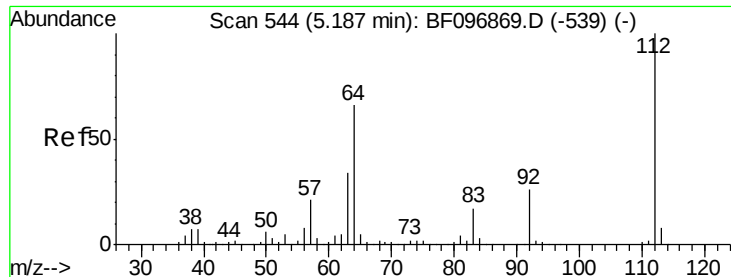
Ion Ratio Lower Upper

42 100

74 108.0 103.9 155.9

44 7.4 5.7 8.5





#5

2-Fluorophenol

Concen: 90.51 ng

RT: 5.12 min Scan# 550

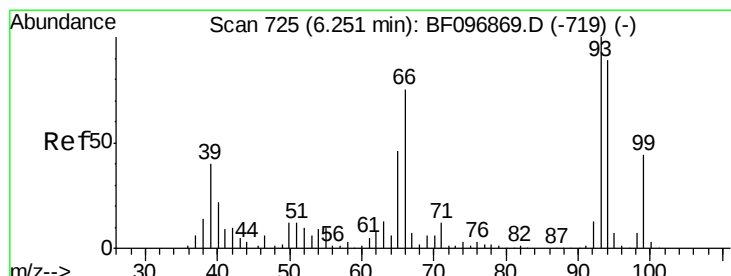
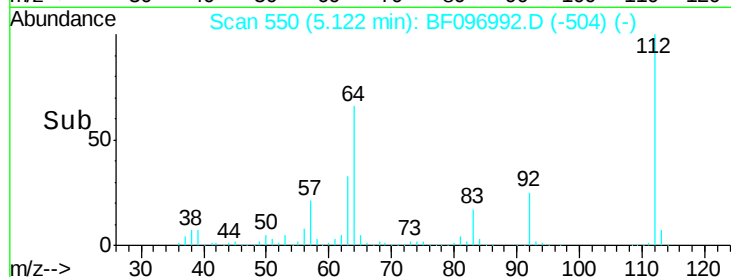
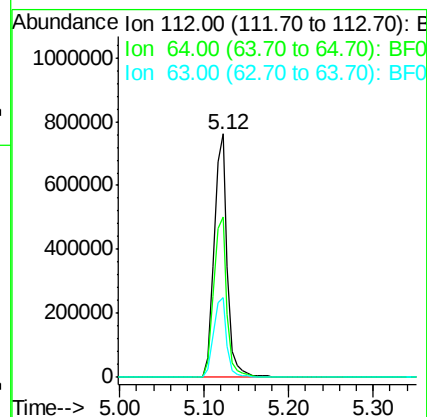
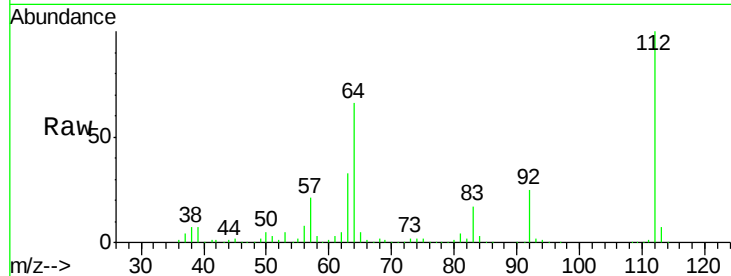
Delta R.T. -0.03 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	838771
Ion	Ratio	Lower	Upper
112	100		
64	65.8	46.0	69.0
63	32.9	23.4	35.0



#6

Aniline

Concen: 46.11 ng

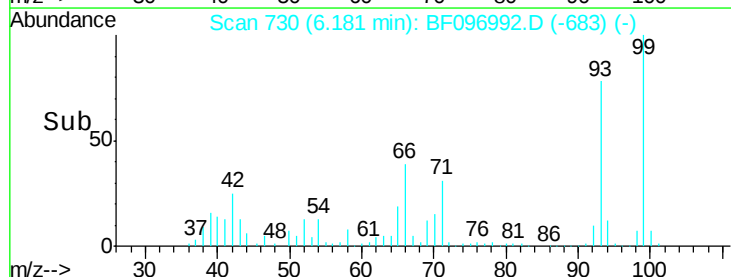
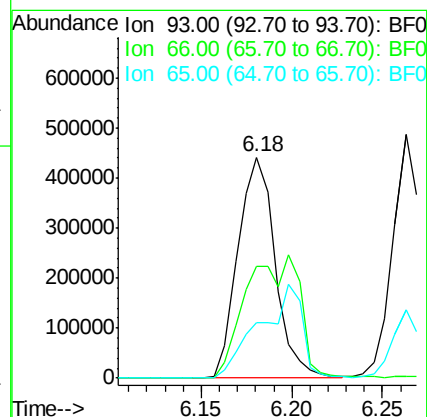
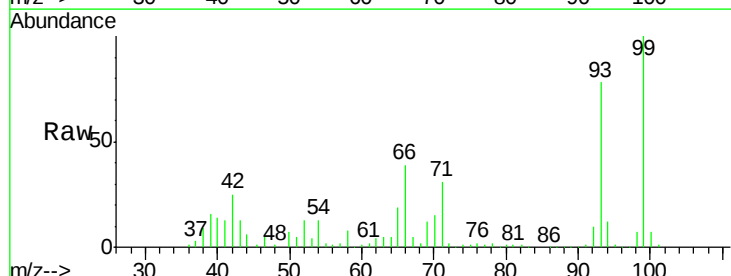
RT: 6.18 min Scan# 730

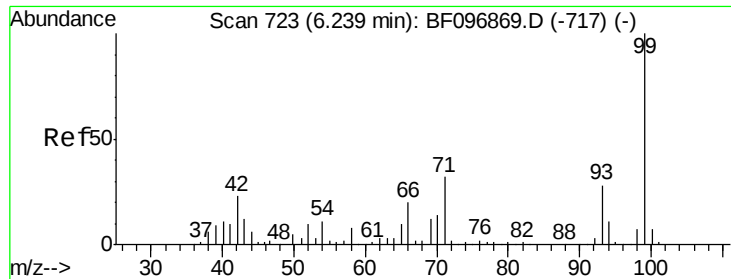
Delta R.T. -0.02 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

Tgt Ion:	93	Resp:	631621
Ion	Ratio	Lower	Upper
93	100		
66	50.5	32.9	49.3#
65	24.9	16.0	24.0#





#7

Phenol-d6

Concen: 88.99 ng

RT: 6.19 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

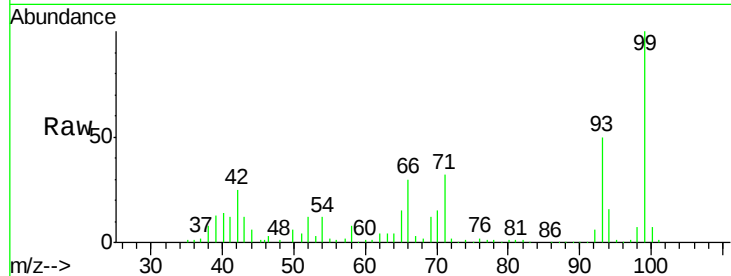
Instrument :

BNA_F

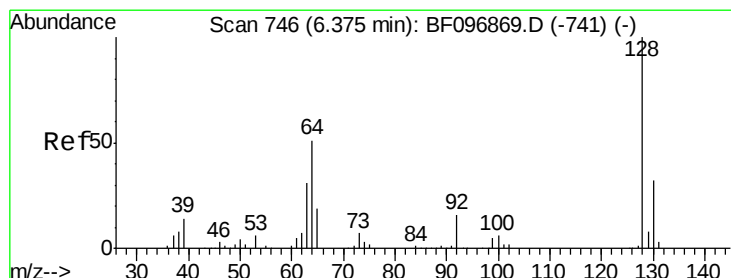
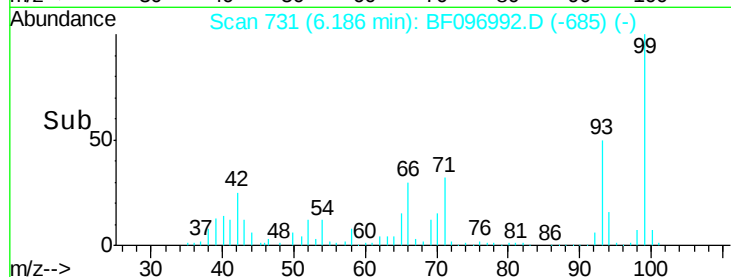
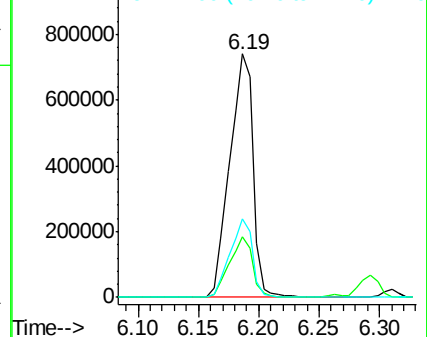
ClientSampled :

Tot Ion: 99 Resp: 989632

Ion	Ratio	Lower	Upper
99	100		
42	24.9	13.5	20.3#
71	32.2	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: 46.83 ng

RT: 6.31 min Scan# 752

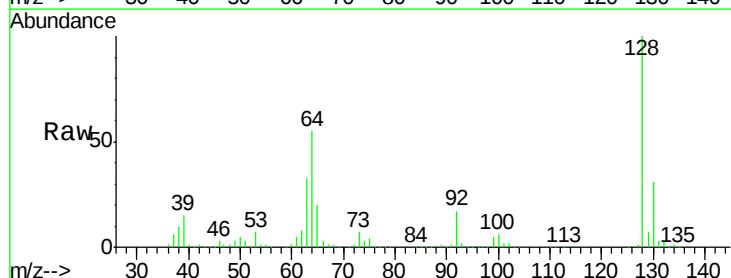
Delta R.T. -0.02 min

Lab File: BF096992.D

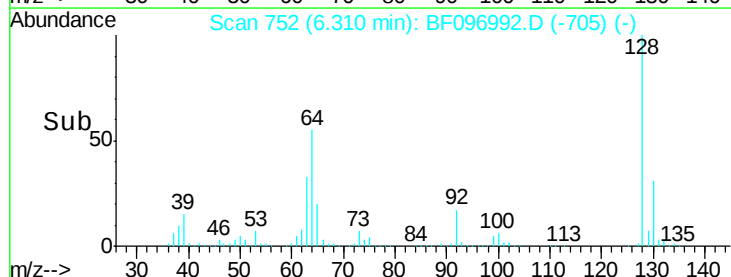
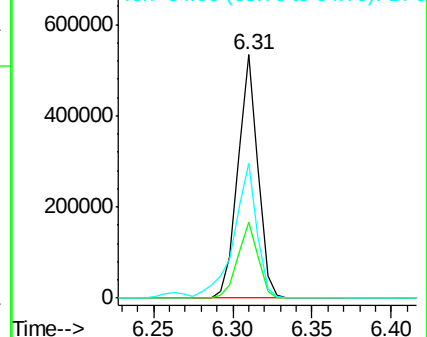
Acq: 24 Jul 2017 18:32

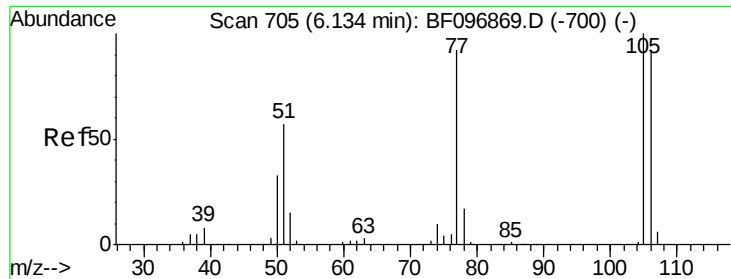
Tgt Ion: 128 Resp: 468157

Ion	Ratio	Lower	Upper
128	100		
130	31.1	12.9	52.9
64	55.3	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: 46.86 ng

RT: 6.06 min Scan# 709

Delta R.T. -0.03 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

Instrument :

BNA_F

ClientSampleId :

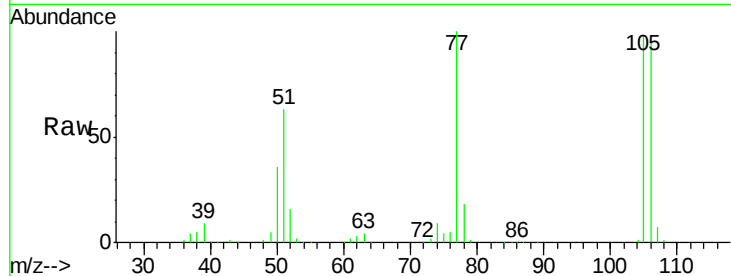
Tot Ion: 77 Resp: 301229

Ion Ratio Lower Upper

77 100

105 97.7 83.8 123.8

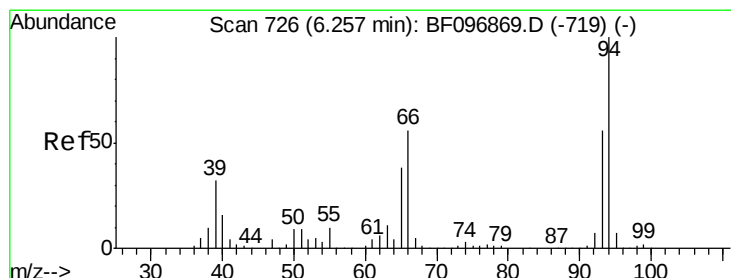
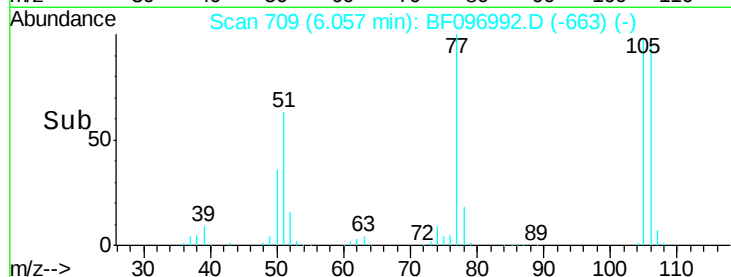
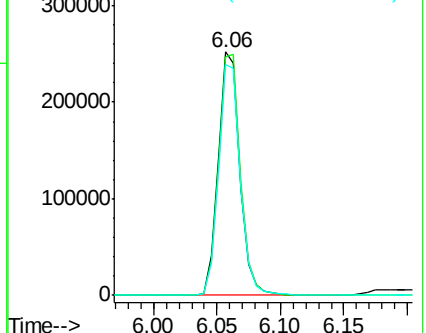
106 94.6 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 48.85 ng

RT: 6.20 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

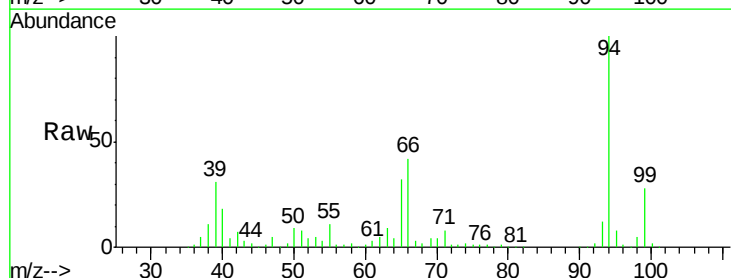
Tgt Ion: 94 Resp: 614145

Ion Ratio Lower Upper

94 100

65 32.1 9.9 49.9

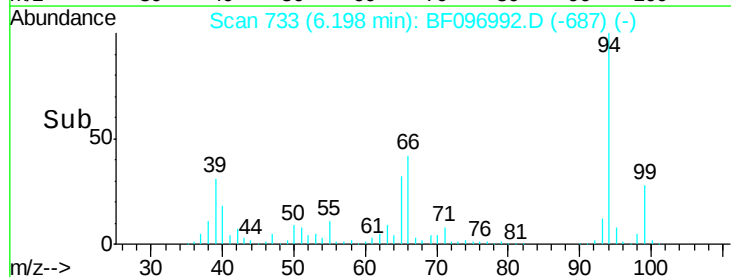
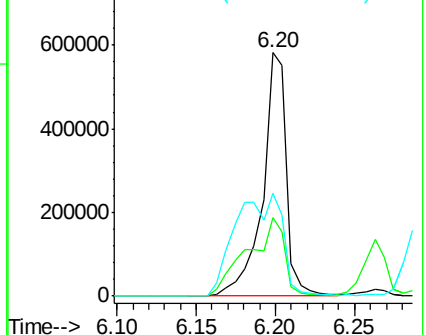
66 42.3 23.1 63.1

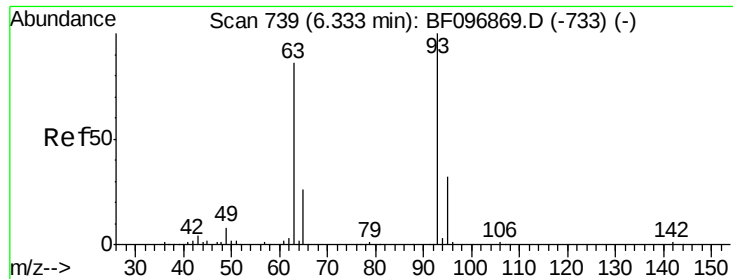


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

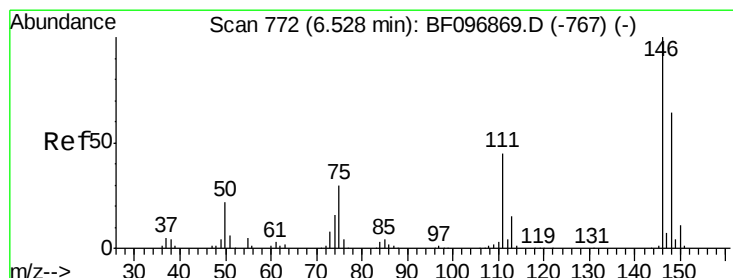
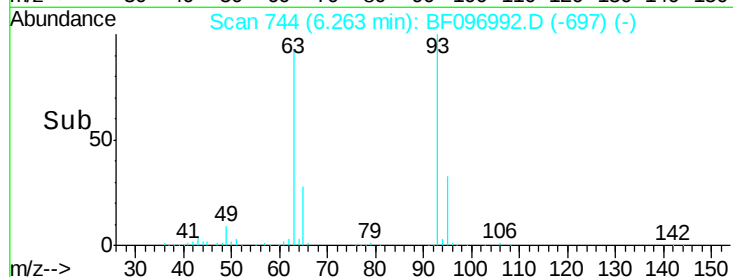
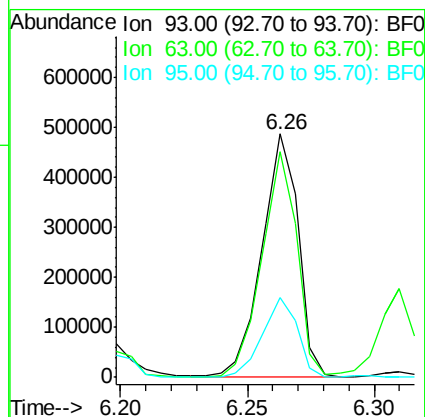
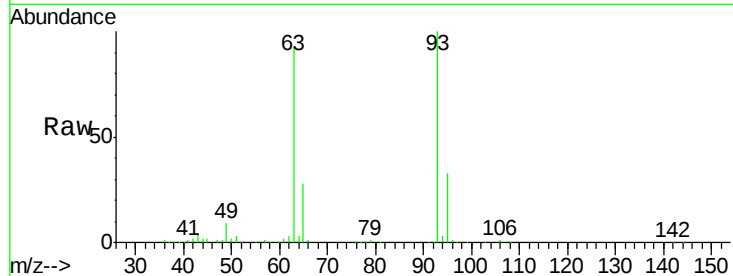




#11
bis(2-Chloroethyl)ether
Concen: 51.31 ng
RT: 6.26 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

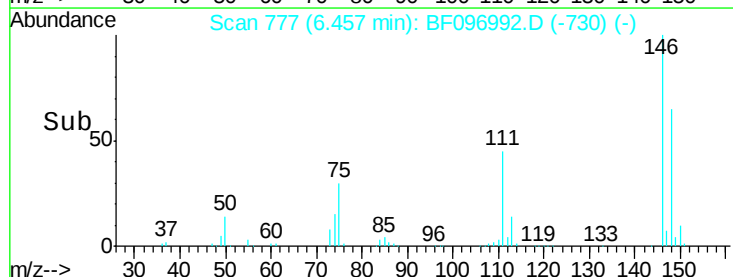
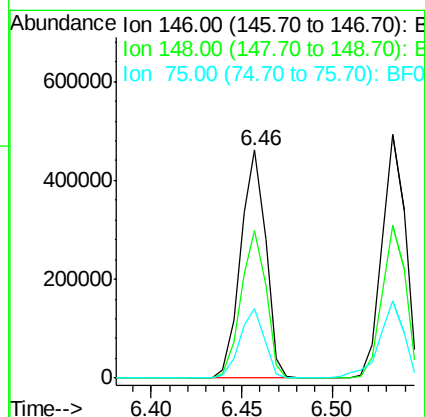
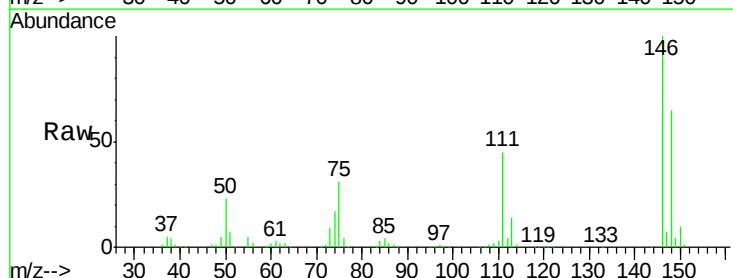
Instrument :
BNA_F
ClientSampleId :

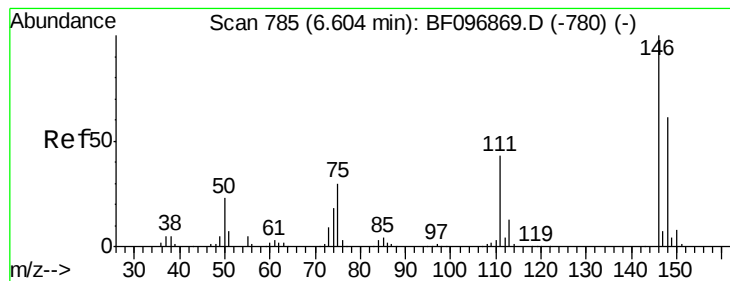
Tot Ion: 93 Resp: 485105
Ion Ratio Lower Upper
93 100
63 92.9 59.2 99.2
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.73 ng
RT: 6.46 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

Tgt Ion: 146 Resp: 443446
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.6
75 30.6 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 41.28 ng

RT: 6.53 min Scan# 790

Delta R.T. -0.03 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

Instrument :

BNA_F

ClientSampleId :

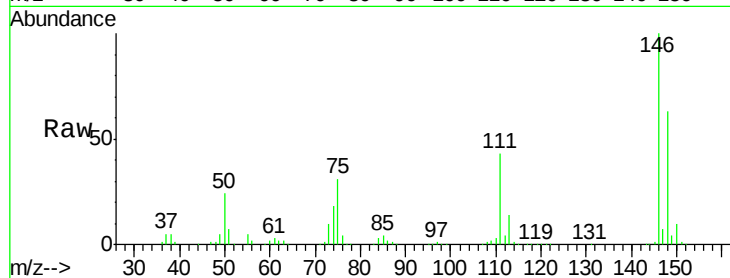
Tot Ion:146 Resp: 444300

Ion Ratio Lower Upper

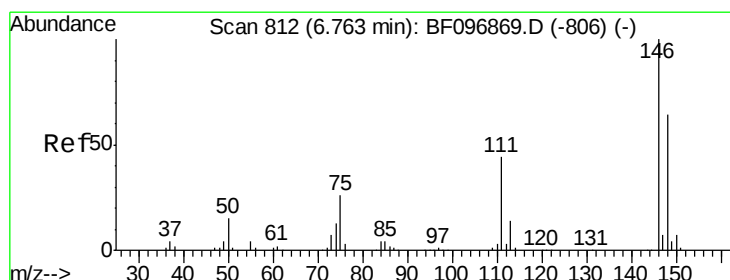
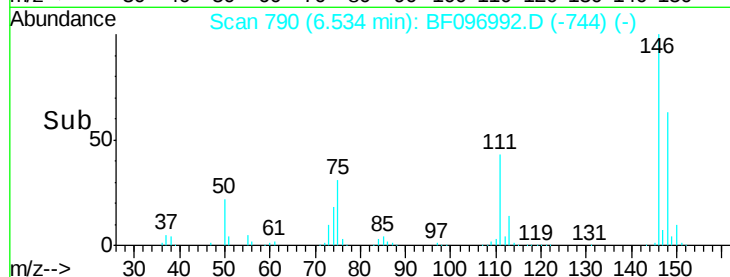
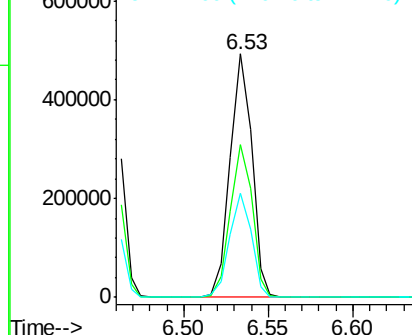
146 100

148 63.0 52.2 78.2

111 42.9 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 39.18 ng

RT: 6.69 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

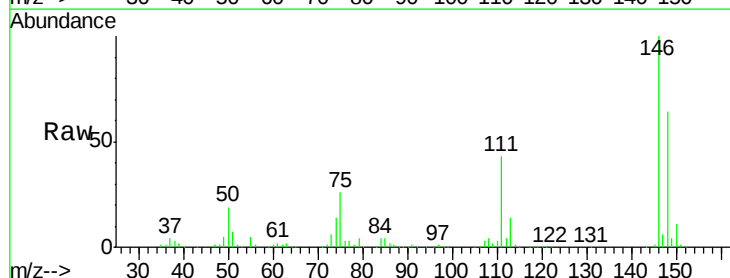
Tgt Ion:146 Resp: 383555

Ion Ratio Lower Upper

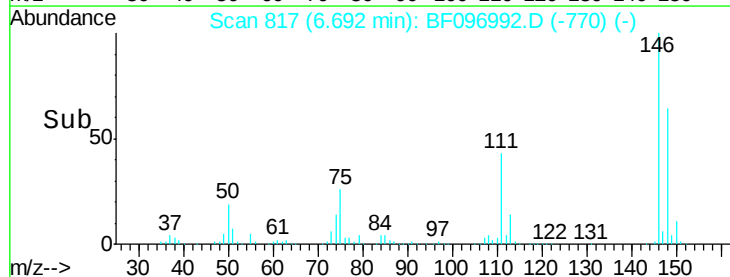
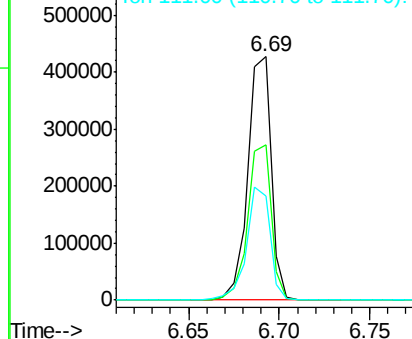
146 100

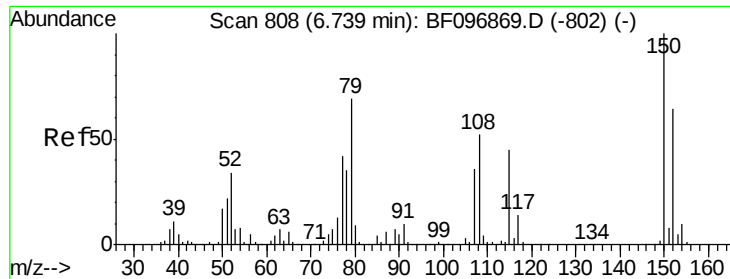
148 63.6 50.4 75.6

111 42.7 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 38.04 ng

RT: 6.68 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

Instrument :

BNA_F

ClientSampleId :

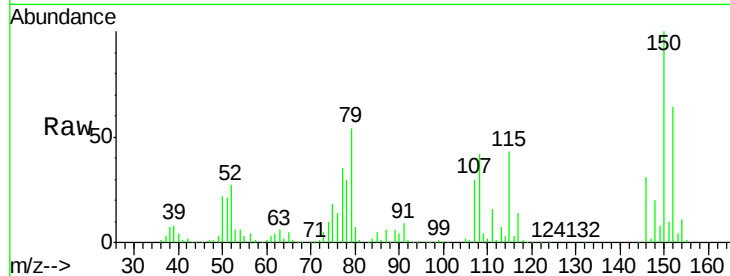
Tot Ion: 79 Resp: 276988

Ion Ratio Lower Upper

79 100

108 78.6 63.4 95.0

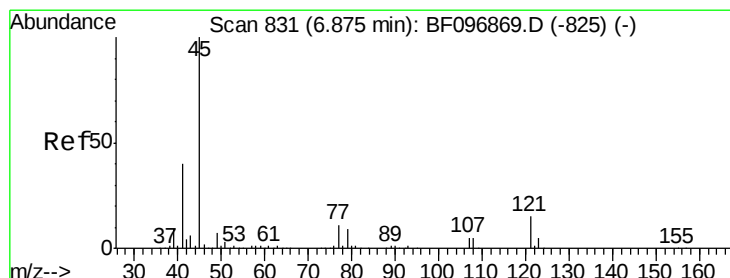
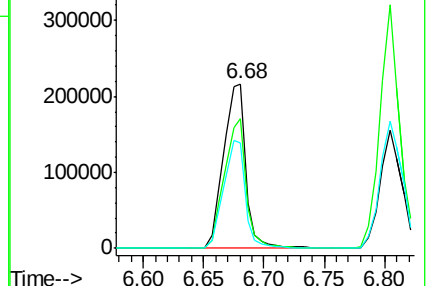
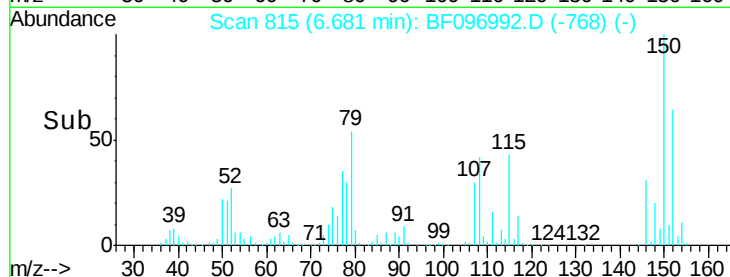
77 64.3 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.02 ng

RT: 6.81 min Scan# 837

Delta R.T. -0.02 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

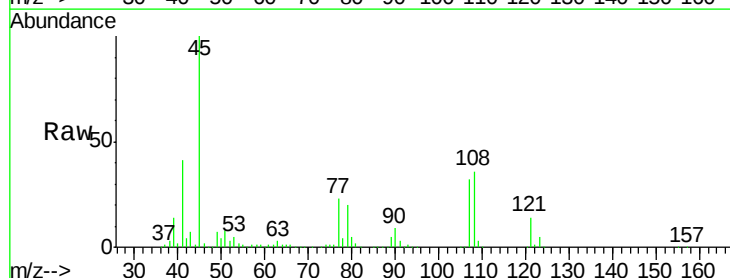
Tgt Ion: 45 Resp: 819903

Ion Ratio Lower Upper

45 100

77 22.5 0.0 33.2

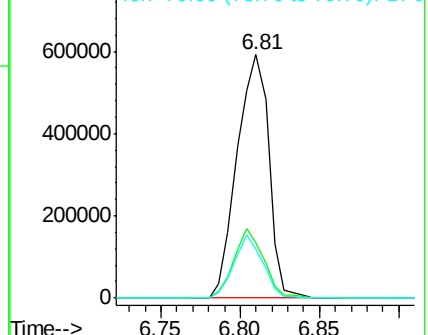
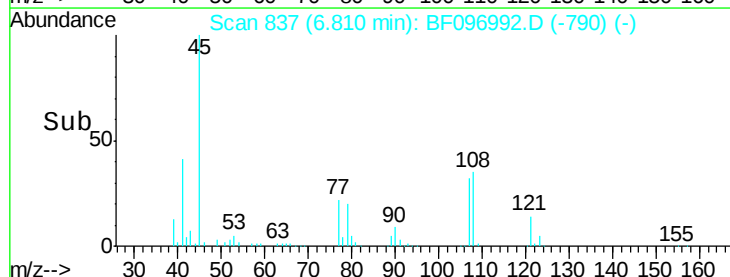
79 20.1 0.0 30.0

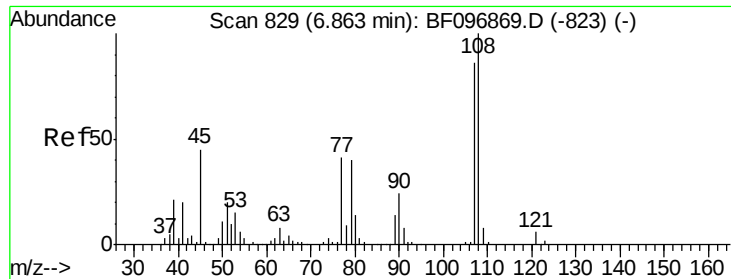


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

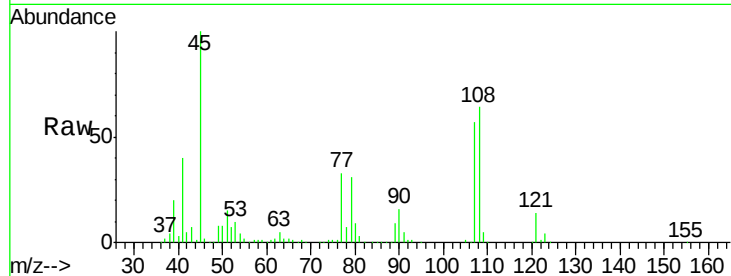




#17
2-Methylphenol
Concen: 41.71 ng
RT: 6.80 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	93.4	140.0
77	58.5	35.8	53.6#
79	53.9	34.8	52.2#



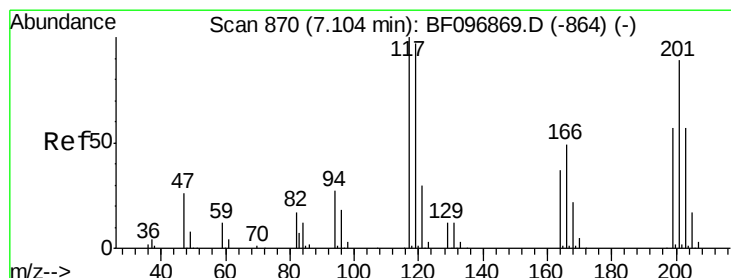
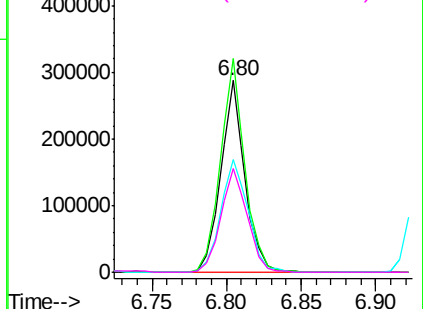
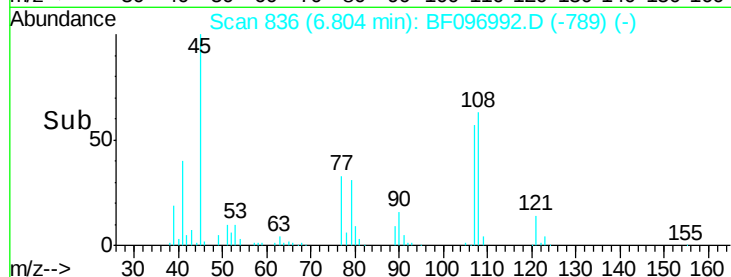
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

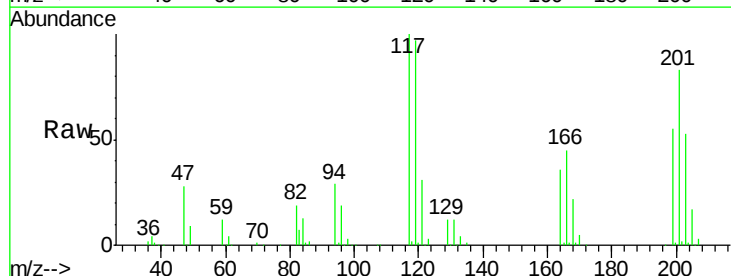
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 43.63 ng
RT: 7.03 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.4	116.0
201	83.2	94.6	141.8#

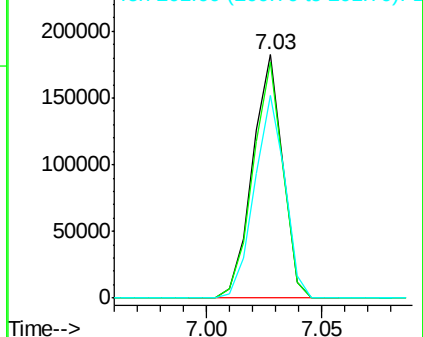
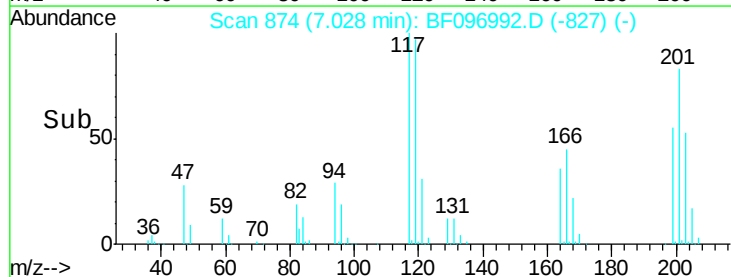


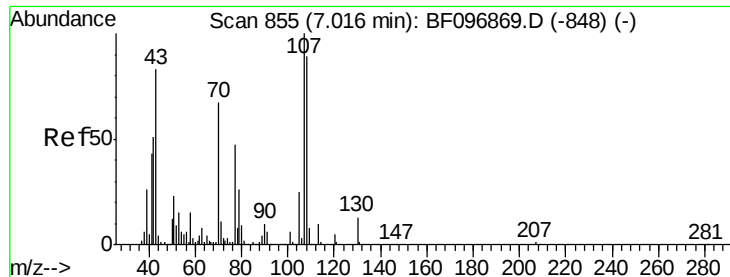
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

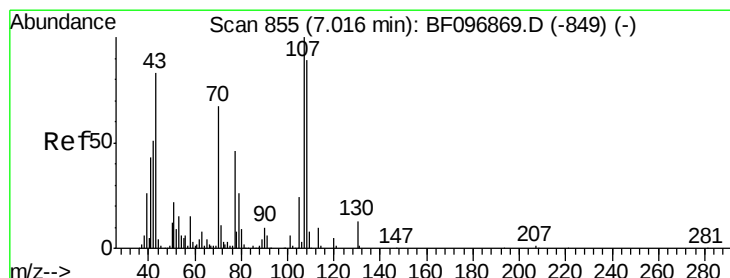
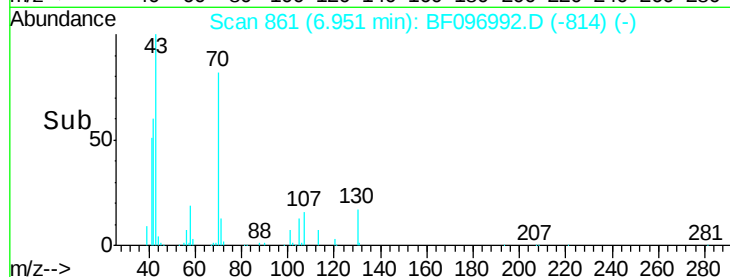
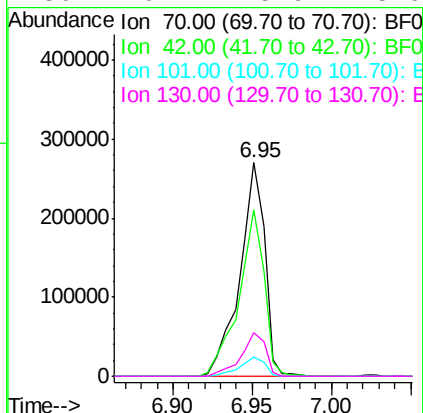
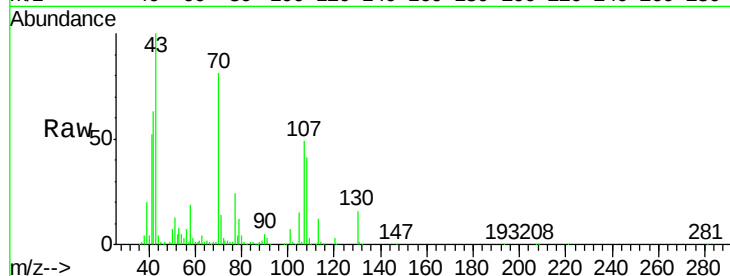




#19
n-Nitroso-di-n-propylamine
Concen: 43.85 ng
RT: 6.95 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

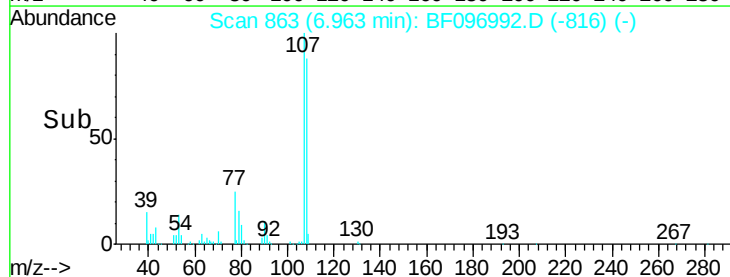
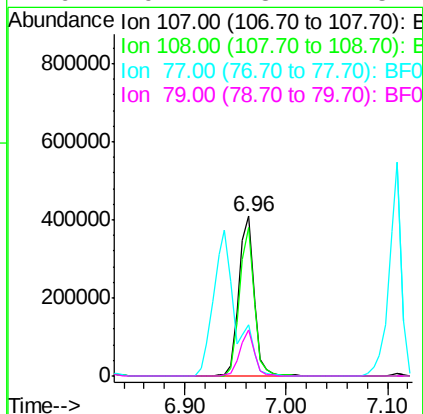
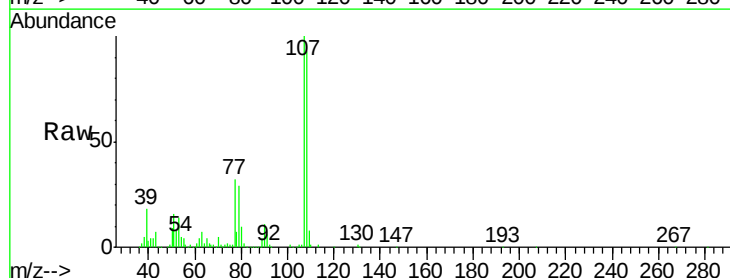
Instrument :
BNA_F
ClientSampleId :

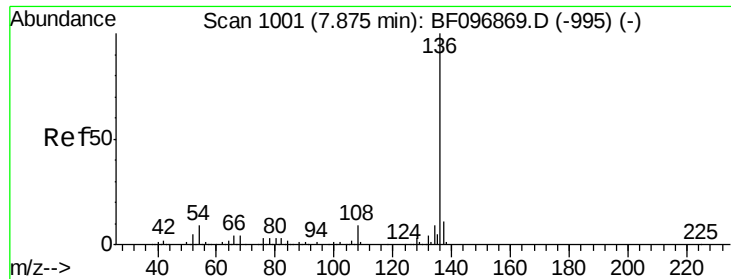
Tot Ion: 70 Resp: 293769
Ion Ratio Lower Upper
70 100
42 77.9 47.2 70.8#
101 9.0 7.2 10.8
130 20.2 15.9 23.9



#20
3+4-Methylphenols
Concen: 45.58 ng
RT: 6.96 min Scan# 863
Delta R.T. -0.02 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

Tgt Ion: 107 Resp: 429984
Ion Ratio Lower Upper
107 100
108 93.2 71.0 111.0
77 31.8 90.5 130.5#
79 29.2 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.80 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF096992.D

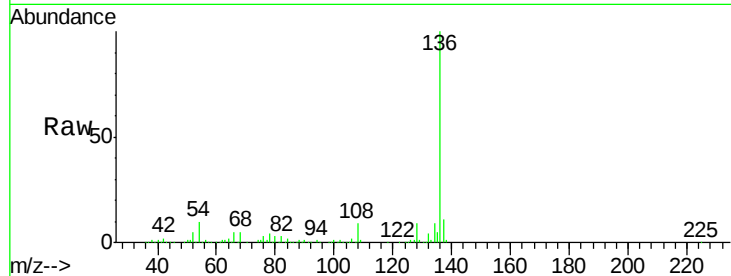
Acq: 24 Jul 2017 18:32

Instrument :

BNA_F

ClientSampled :

Tot Ion:136	Resp: 609822
Ion Ratio	Lower Upper
136 100	
137 11.0	8.5 12.7
54 9.8	4.9 7.3#
68 4.8	4.1 6.1

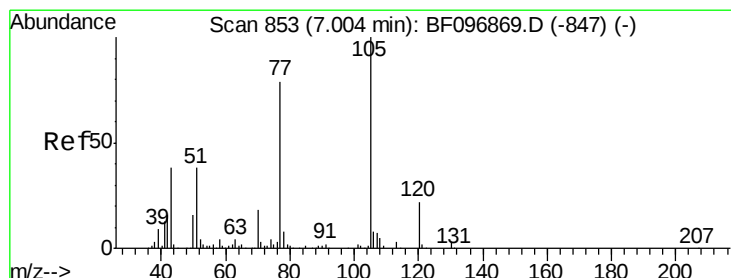
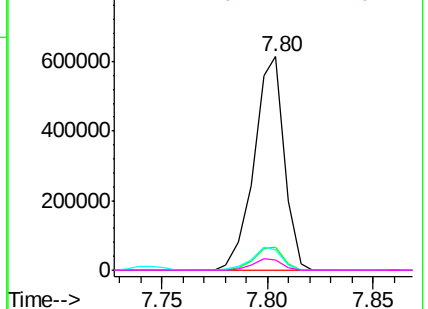
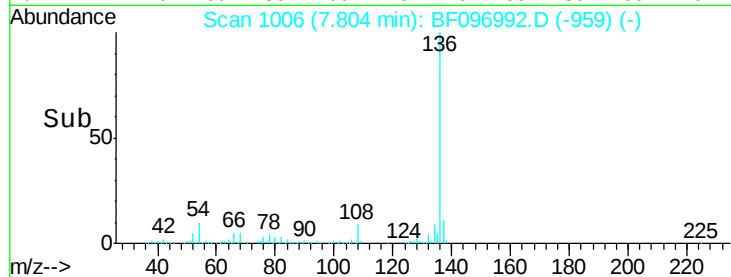


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.78 ng

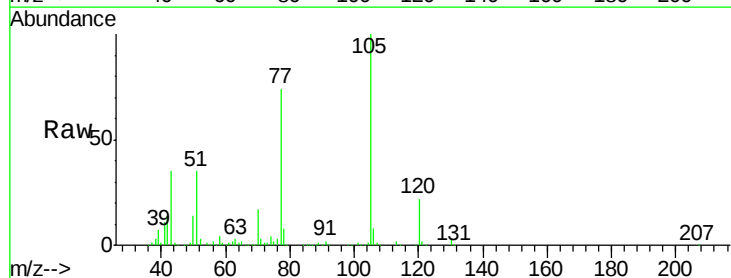
RT: 6.94 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

Tgt Ion:105	Resp: 596668
Ion Ratio	Lower Upper
105 100	
71 2.8	2.8 4.2
51 34.9	30.7 46.1
120 21.6	17.4 26.0

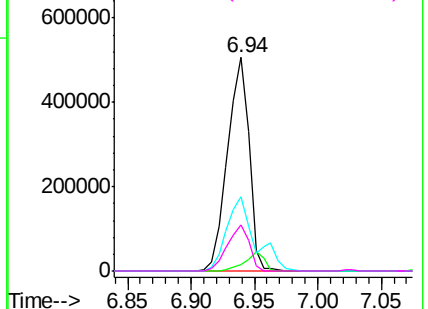
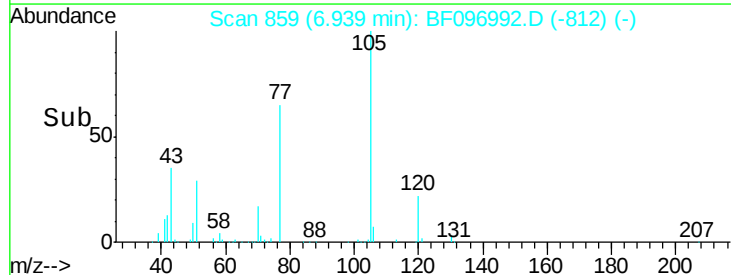


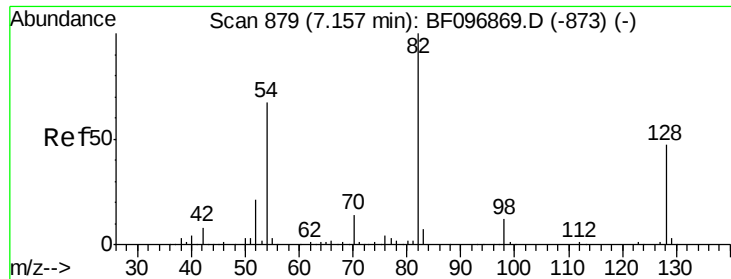
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

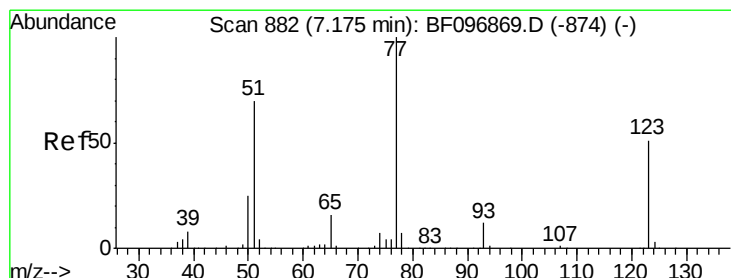
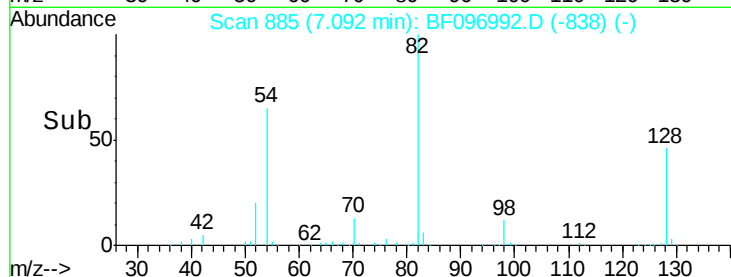
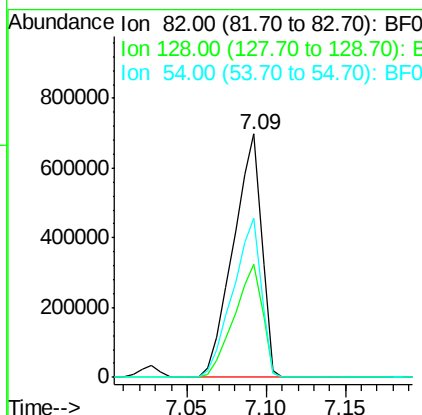
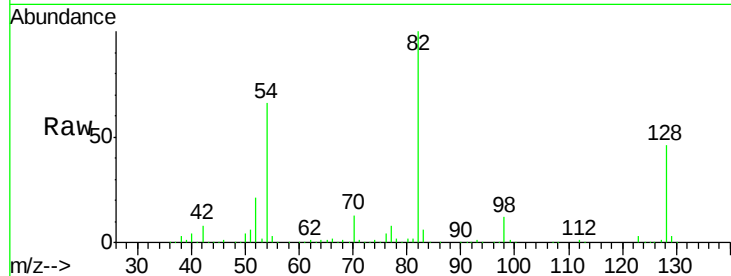




#23
 Nitrobenzene-d5
 Concen: 87.84 ng
 RT: 7.09 min Scan# 885
 Delta R.T. -0.02 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

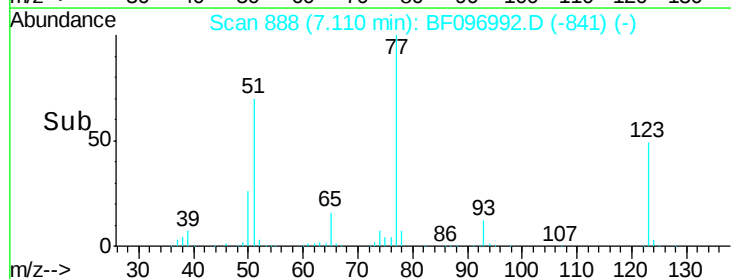
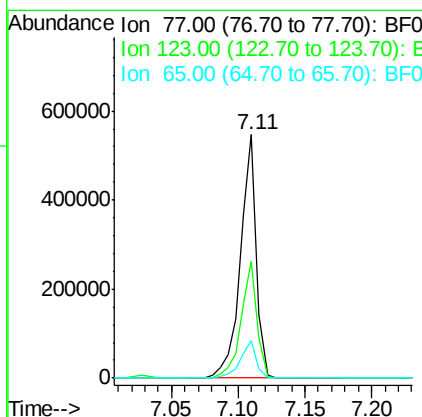
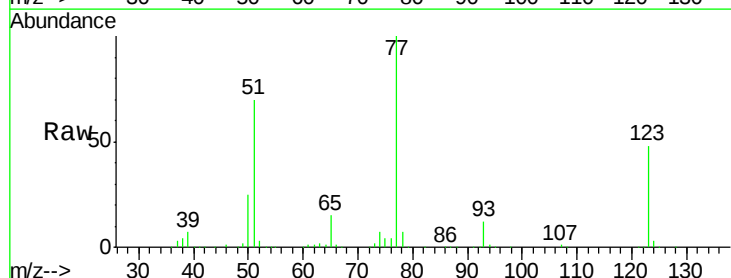
Instrument :
 BNA_F
 ClientSampleId :

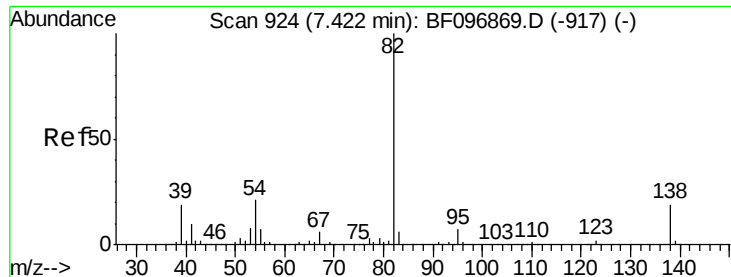
Tot Ion: 82 Resp: 864818
 Ion Ratio Lower Upper
 82 100
 128 46.2 34.0 51.0
 54 65.6 42.2 63.2#



#24
 Nitrobenzene
 Concen: 44.49 ng
 RT: 7.11 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

Tgt Ion: 77 Resp: 452987
 Ion Ratio Lower Upper
 77 100
 123 48.2 35.8 53.8
 65 15.5 10.6 15.8





#25

Isophorone

Concen: 50.50 ng

RT: 7.35 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

Instrument :

BNA_F

ClientSampleId :

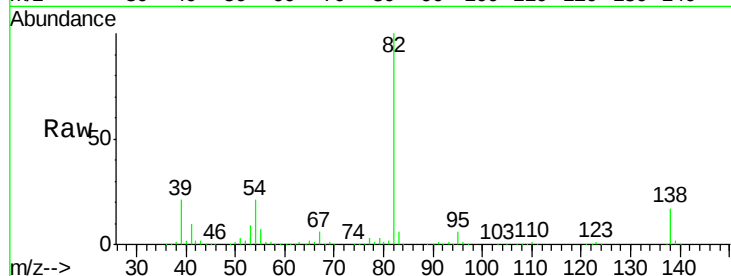
Tot Ion: 82 Resp: 924992

Ion Ratio Lower Upper

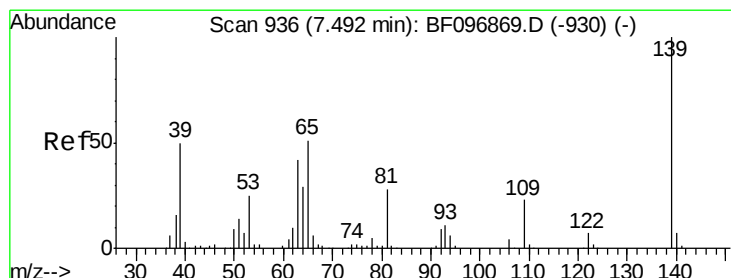
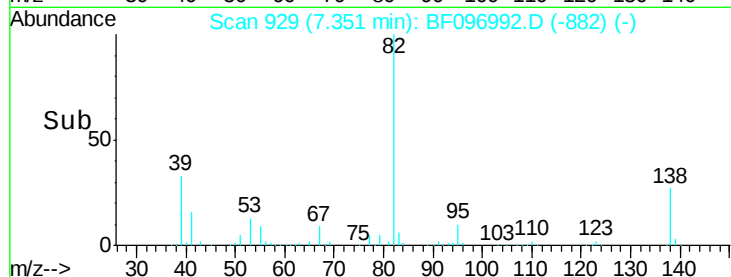
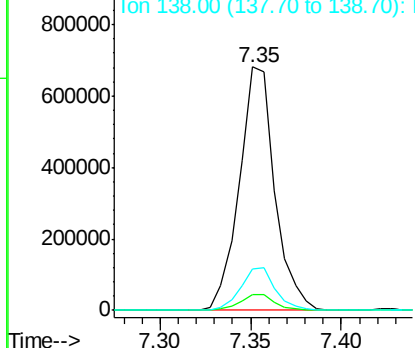
82 100

95 6.5 5.3 7.9

138 16.9 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.57 ng

RT: 7.42 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

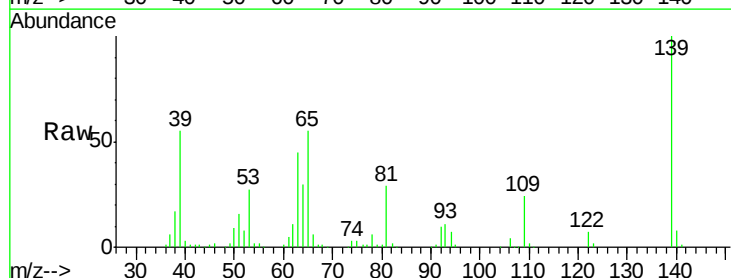
Tgt Ion: 139 Resp: 252324

Ion Ratio Lower Upper

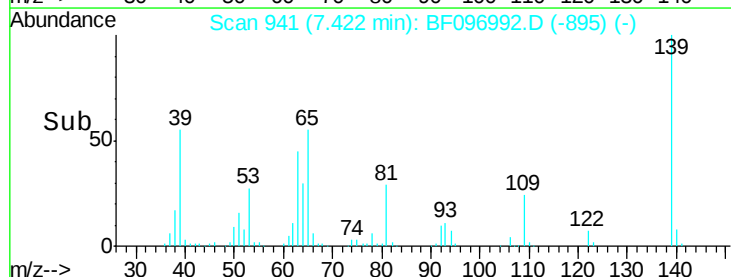
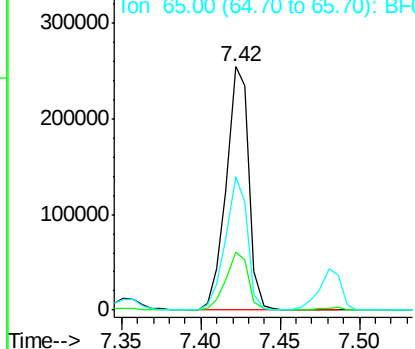
139 100

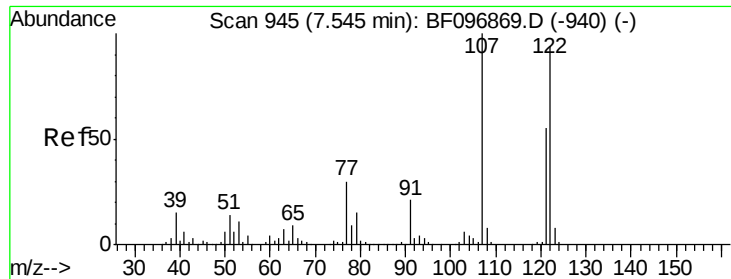
109 23.7 21.0 31.6

65 54.7 33.0 49.6#



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

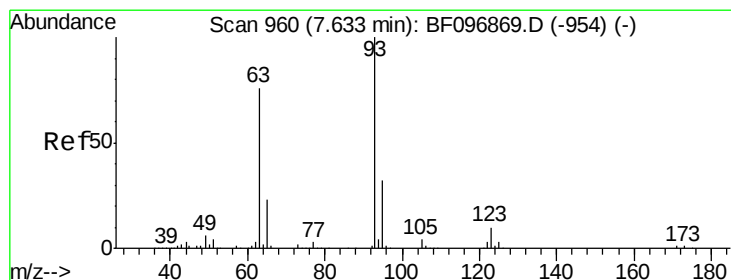
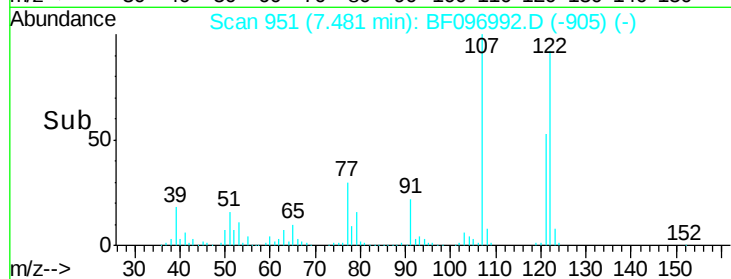
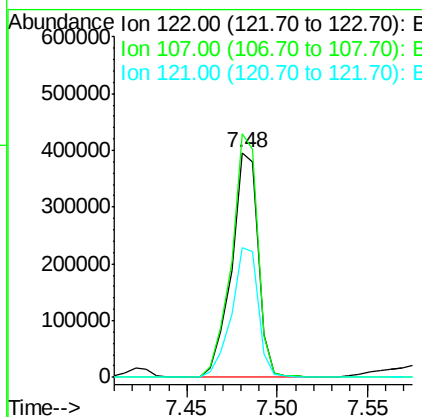
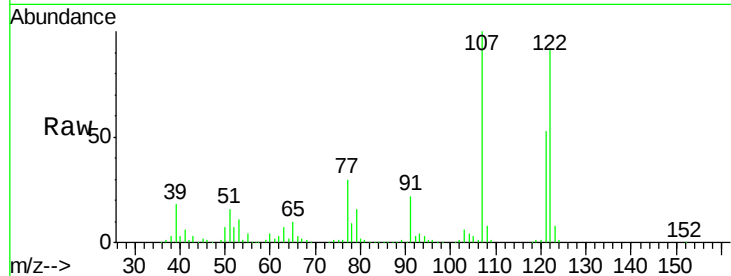




#27
 2,4-Dimethylphenol
 Concen: 43.73 ng
 RT: 7.48 min Scan# 951
 Delta R.T. -0.03 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

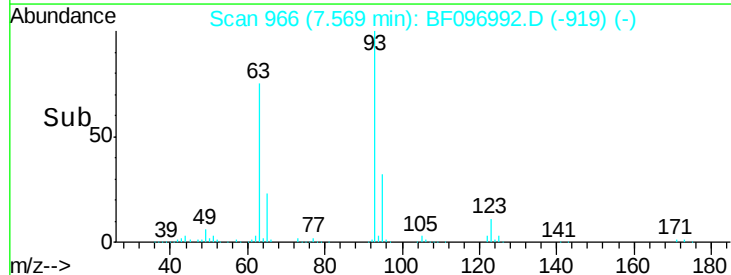
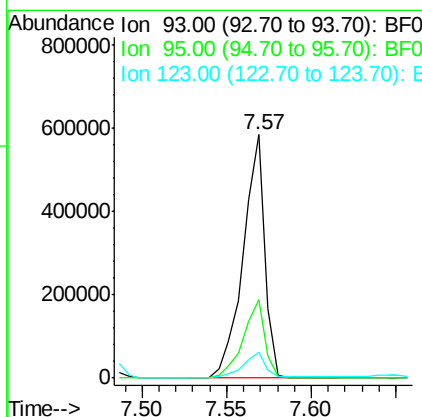
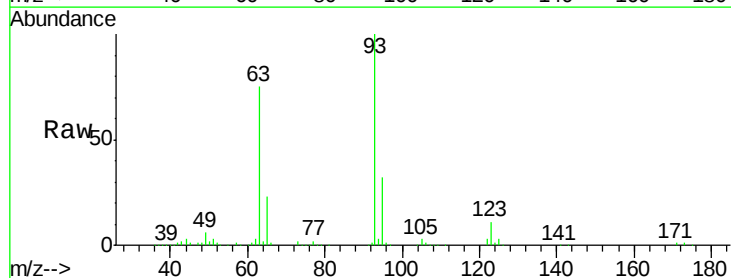
Instrument :
 BNA_F
 ClientSampled :

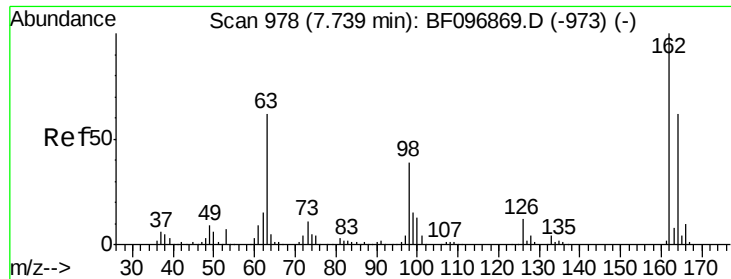
Tot Ion:122 Resp: 407313
 Ion Ratio Lower Upper
 122 100
 107 108.3 89.2 133.8
 121 57.8 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.27 ng
 RT: 7.57 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

Tgt Ion: 93 Resp: 523090
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.5 39.7
 123 10.9 9.0 13.4

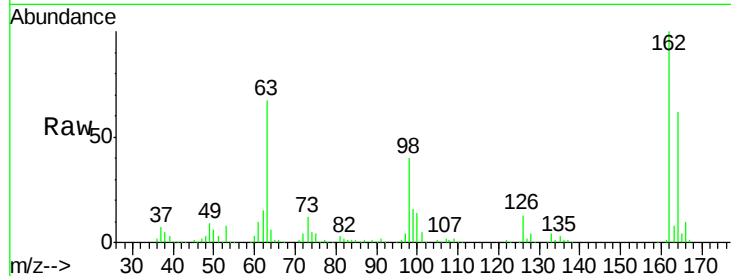




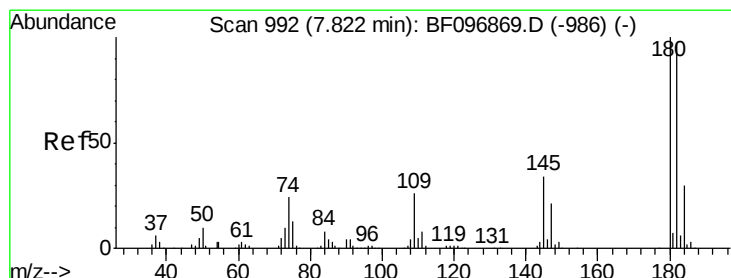
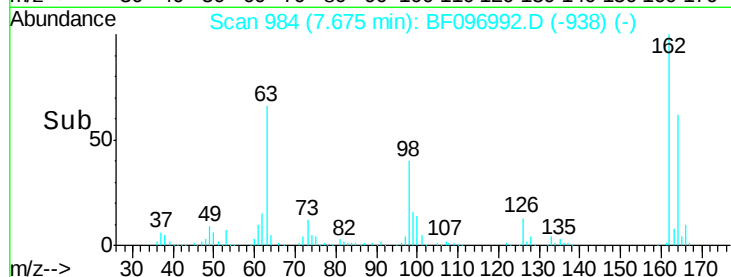
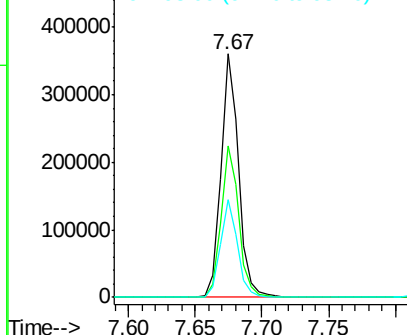
#29
 2,4-Dichlorophenol
 Concen: 39.69 ng
 RT: 7.67 min Scan# 984
 Delta R.T. -0.03 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	44.6	84.6
98	40.1	14.8	54.8

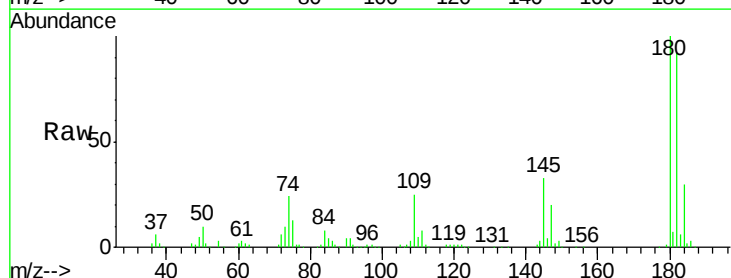


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

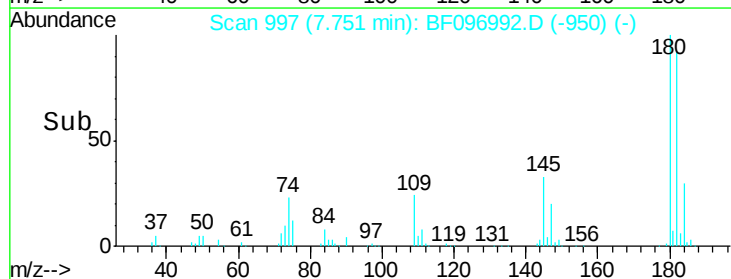
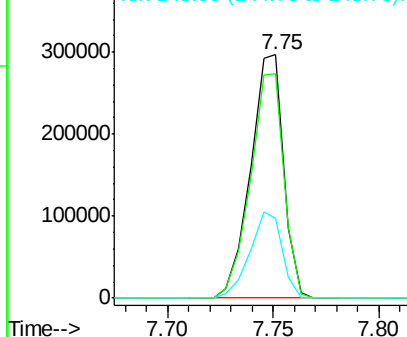


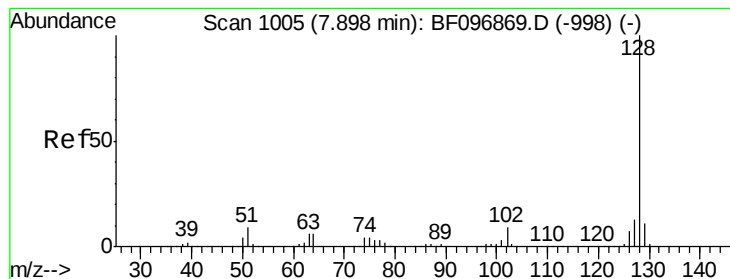
#30
 1,2,4-Trichlorobenzene
 Concen: 40.22 ng
 RT: 7.75 min Scan# 997
 Delta R.T. -0.02 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	75.8	113.6
145	32.8	25.3	37.9



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





#31

Naphthalene

Concen: 39.93 ng

RT: 7.82 min Scan# 1009

Delta R.T. -0.03 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

Instrument :

BNA_F

ClientSampled :

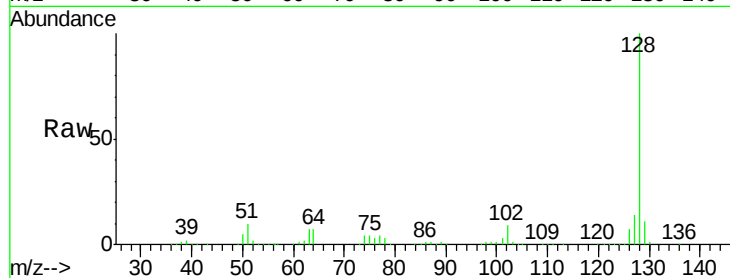
Tot Ion:128 Resp: 1153580

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

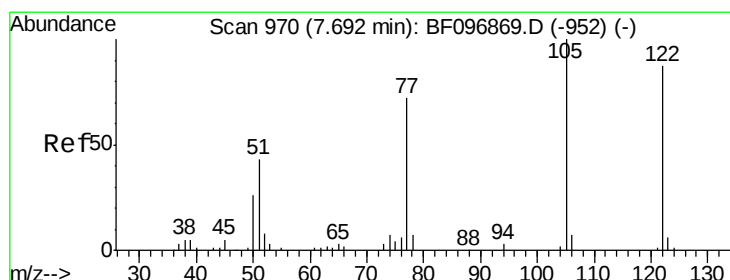
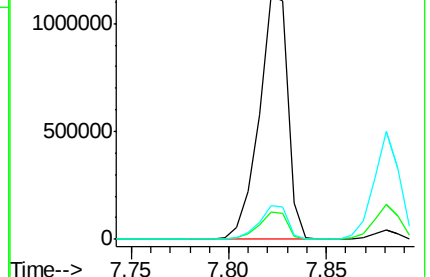
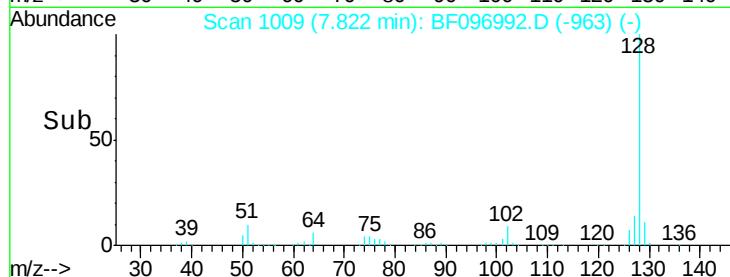
127 13.8 10.8 16.2



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: 50.90 ng

RT: 7.65 min Scan# 980

Delta R.T. -0.02 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

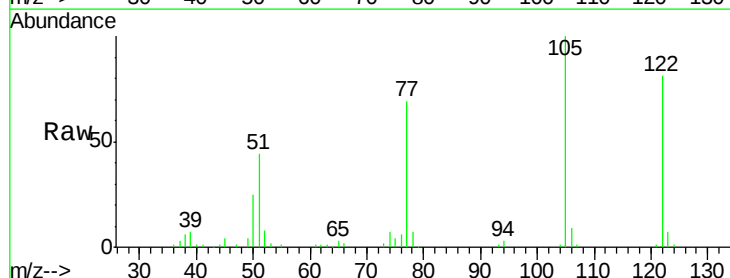
Tgt Ion:122 Resp: 303014

Ion Ratio Lower Upper

122 100

105 124.0 103.3 143.3

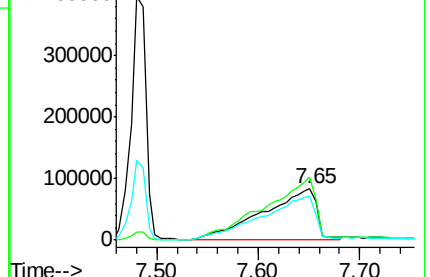
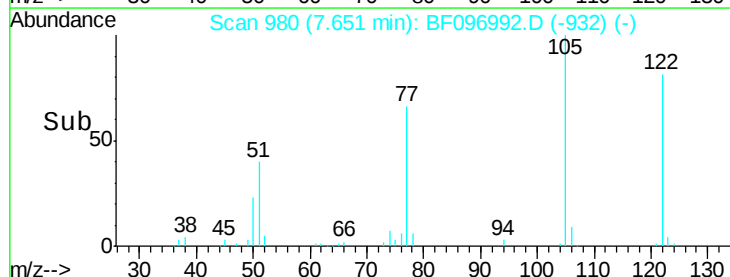
77 86.1 73.7 113.7

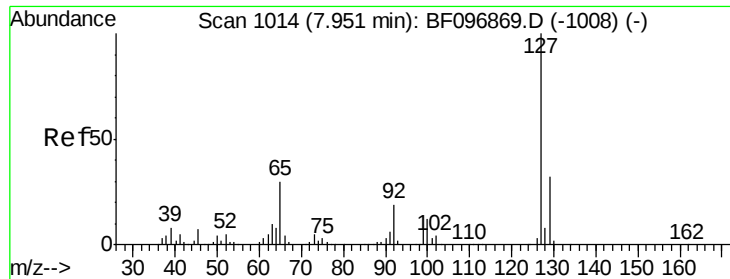


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

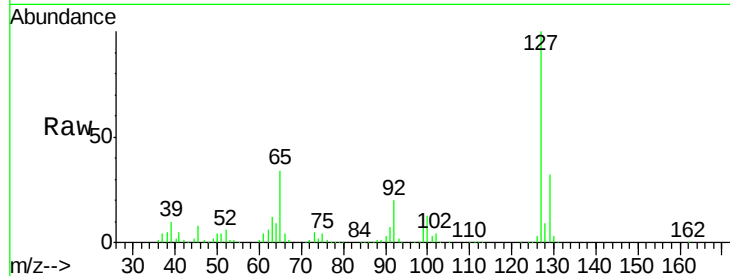




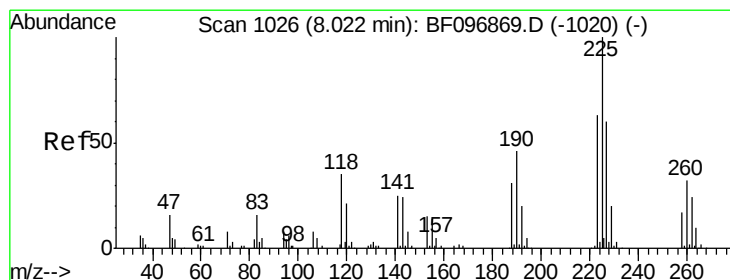
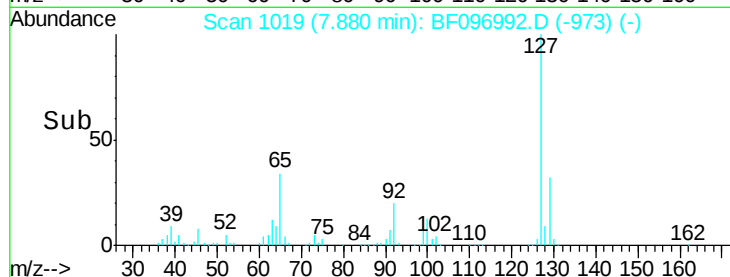
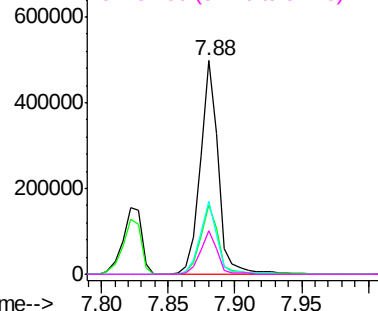
#33
4-Chloroaniline
Concen: 41.36 ng
RT: 7.88 min Scan# 1019
Delta R.T. -0.03 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	473401
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	34.4	27.8	41.8
92	20.3	16.8	25.2

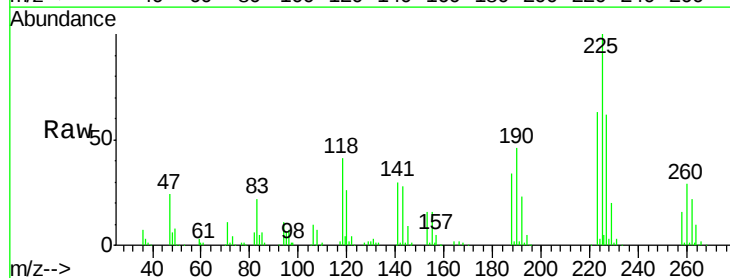


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

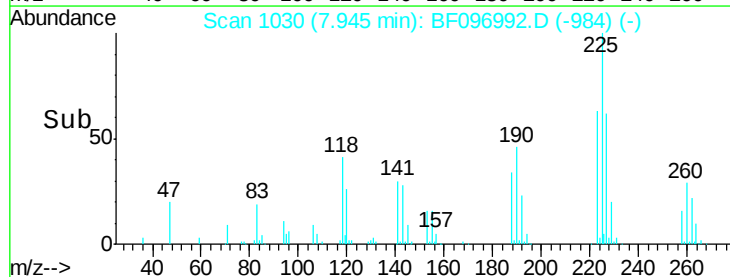
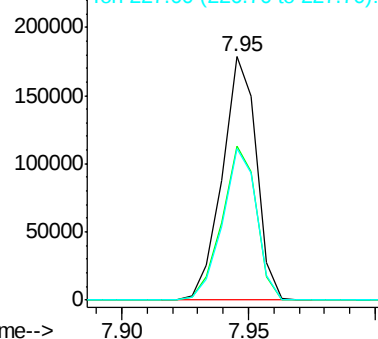


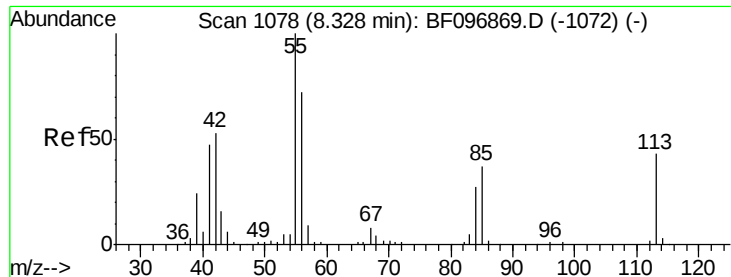
#34
Hexachlorobutadiene
Concen: 39.04 ng
RT: 7.95 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

Tgt Ion:	225	Resp:	167083
Ion	Ratio	Lower	Upper
225	100		
223	63.3	48.8	73.2
227	62.4	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

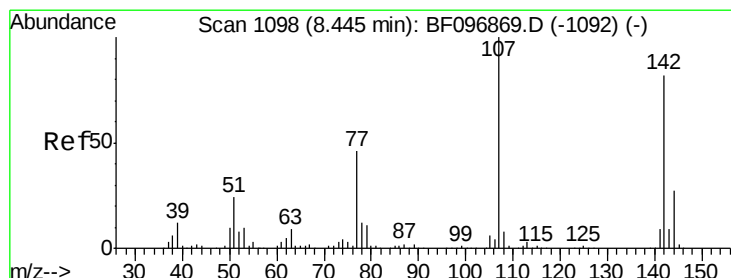
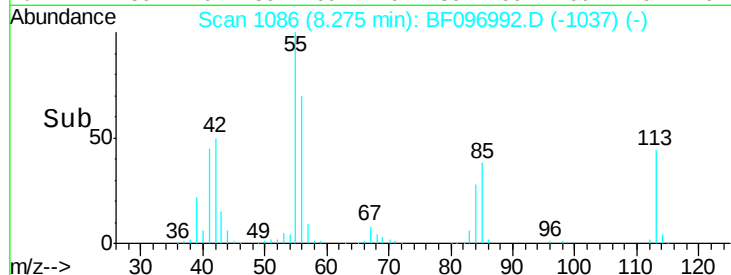
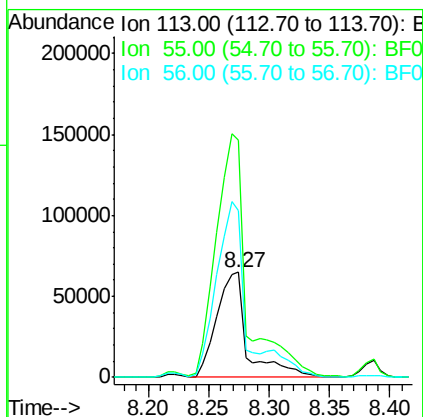
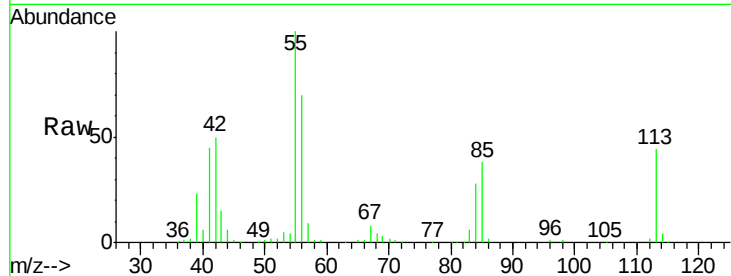




#35
 Caprolactam
 Concen: 42.50 ng
 RT: 8.27 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

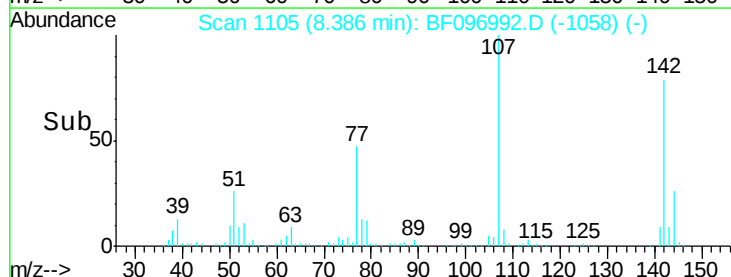
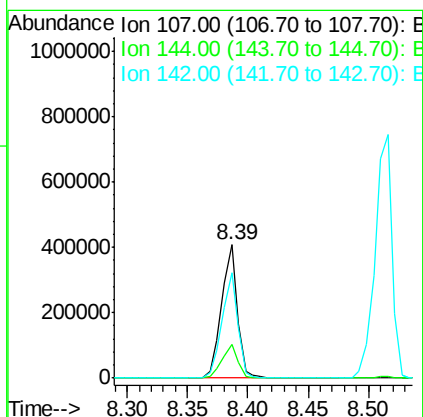
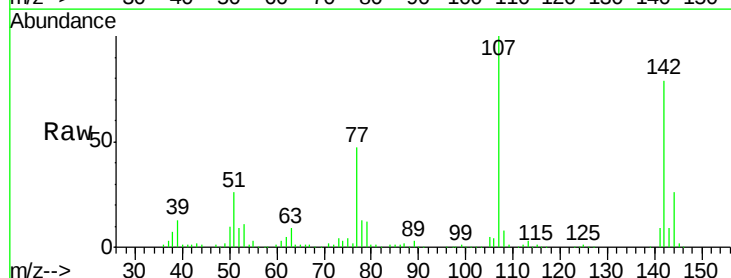
Instrument :
 BNA_F
 ClientSampleId :

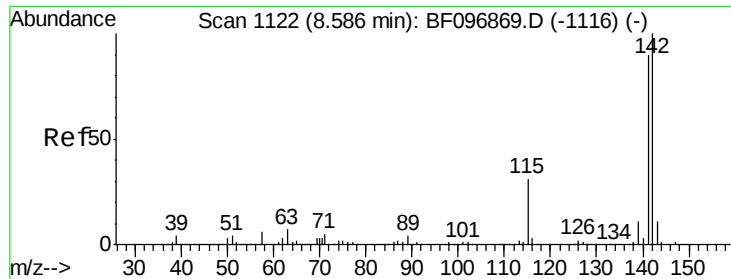
Tot Ion:113 Resp: 114812
 Ion Ratio Lower Upper
 113 100
 55 225.8 150.2 190.2#
 56 159.0 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 40.69 ng
 RT: 8.39 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

Tgt Ion:107 Resp: 368872
 Ion Ratio Lower Upper
 107 100
 144 25.6 24.2 36.4
 142 79.2 73.4 110.0

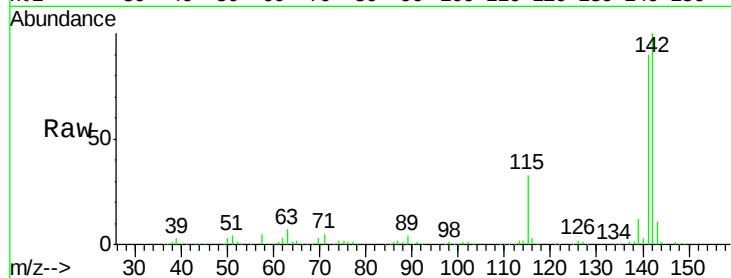




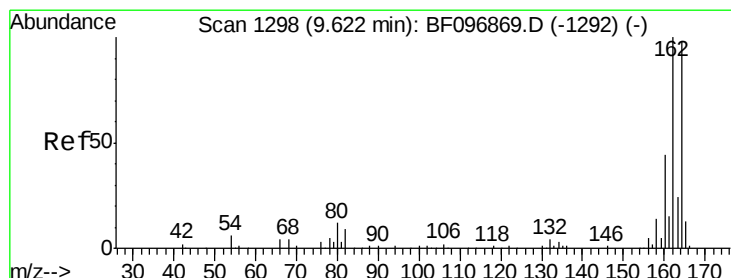
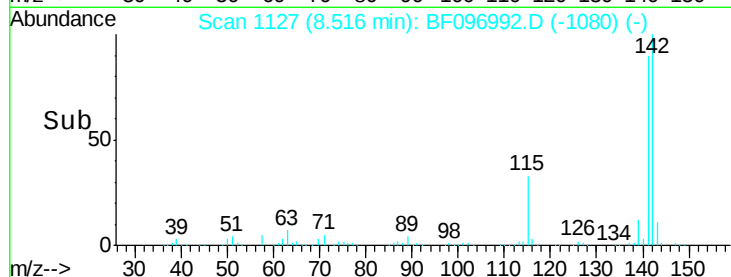
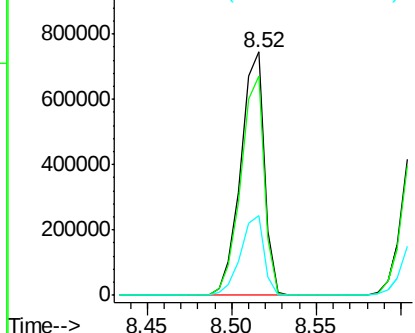
#37
2-Methylnaphthalene
Concen: 39.55 ng
RT: 8.52 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
115	32.7	27.1	40.7

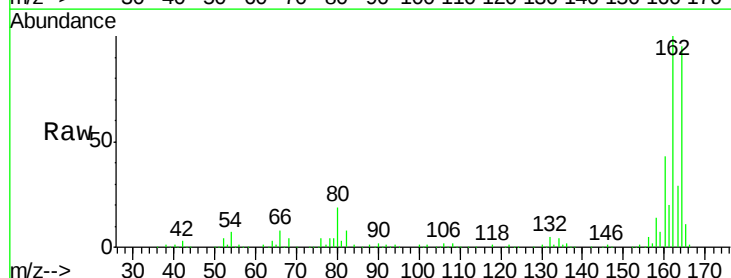


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

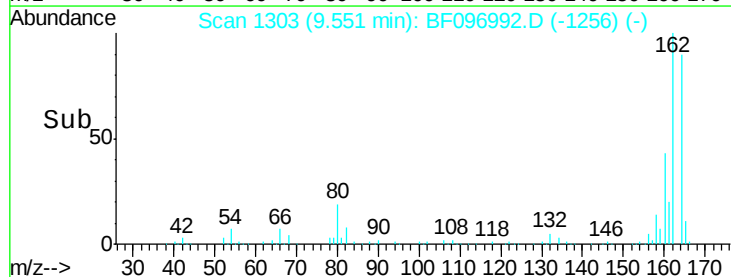
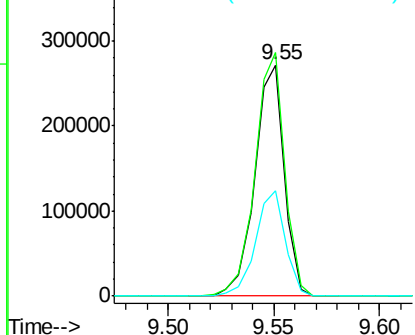


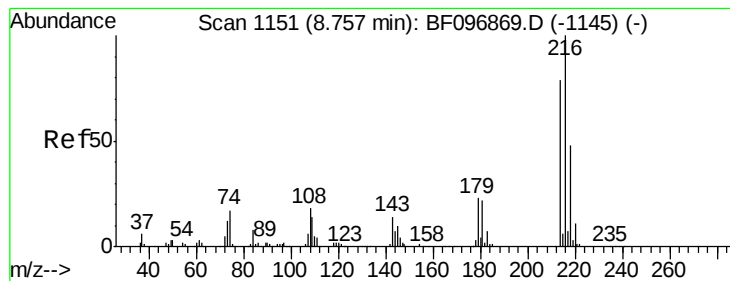
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.6	123.8
160	45.5	36.2	54.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.29 ng

RT: 8.68 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 286716

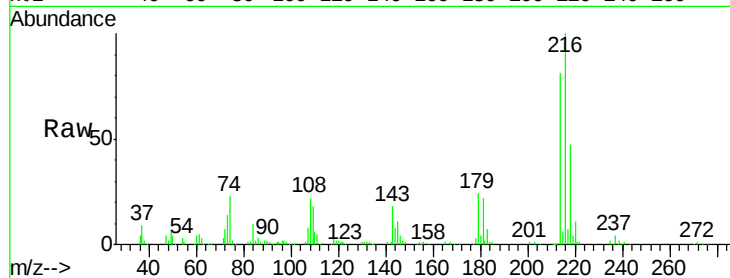
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.2

179 23.0 17.9 26.9

108 20.9 16.5 24.7

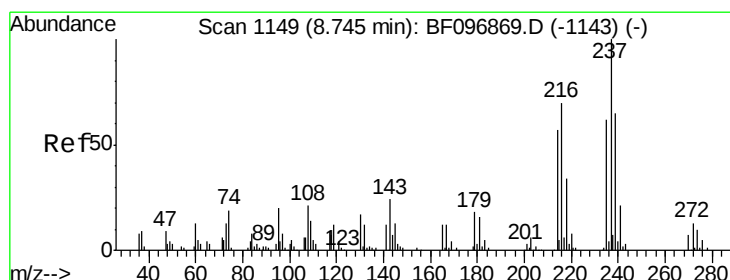
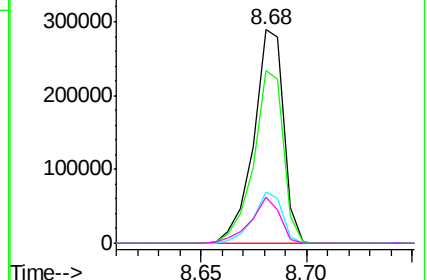
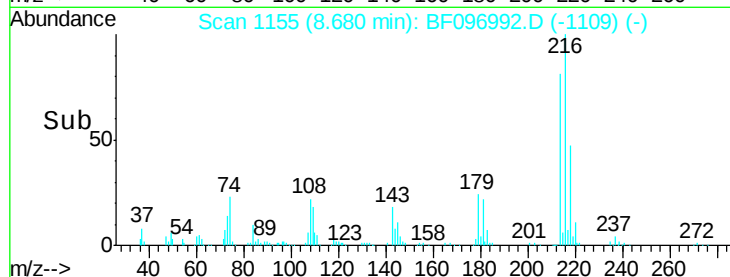


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.77 ng

RT: 8.67 min Scan# 1153

Delta R.T. -0.03 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

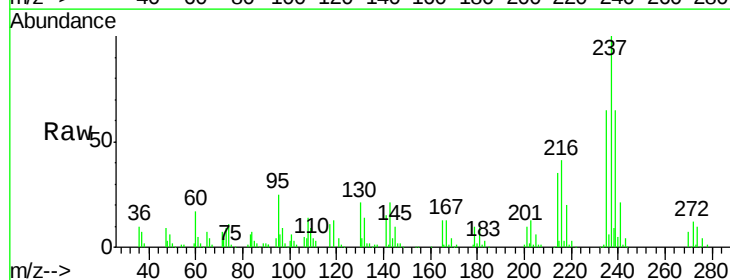
Tgt Ion:237 Resp: 96423

Ion Ratio Lower Upper

237 100

235 64.6 42.6 82.6

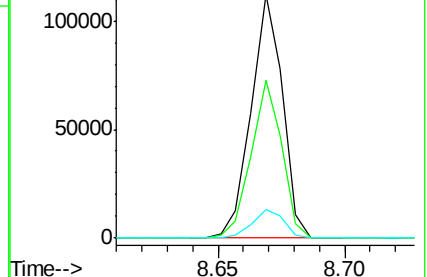
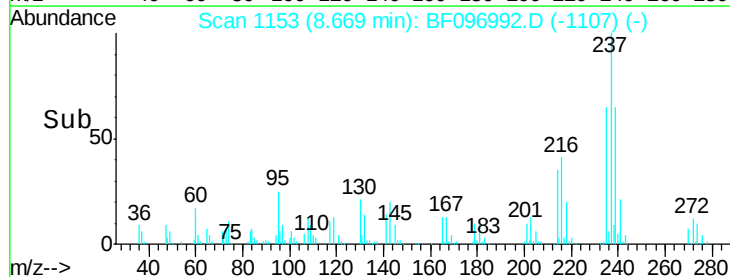
272 11.9 0.0 31.9

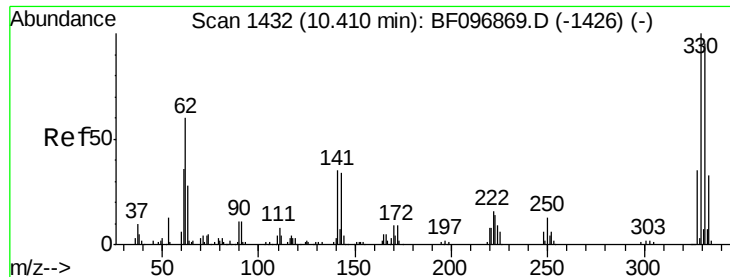


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

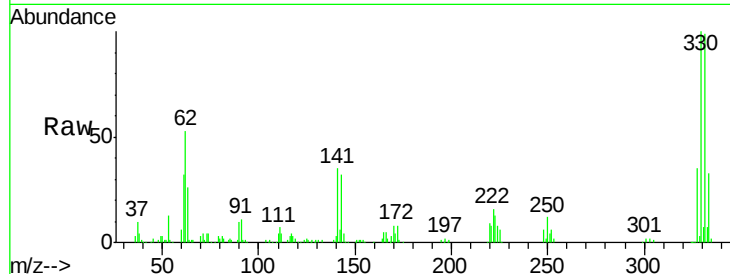




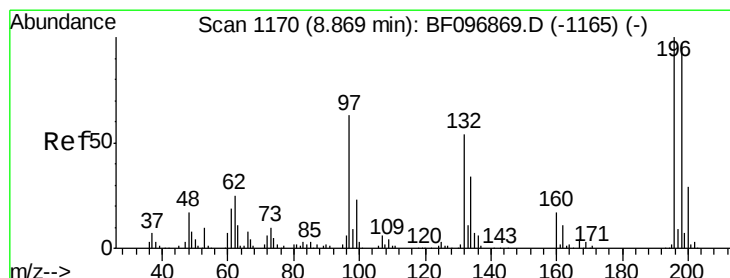
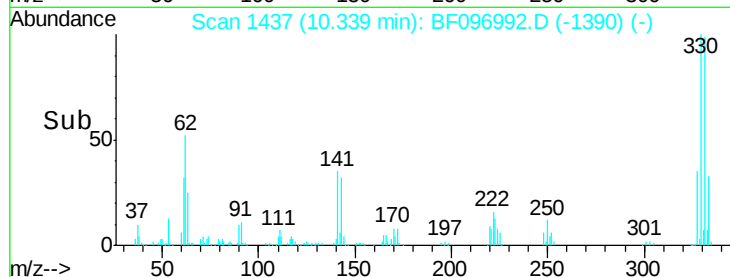
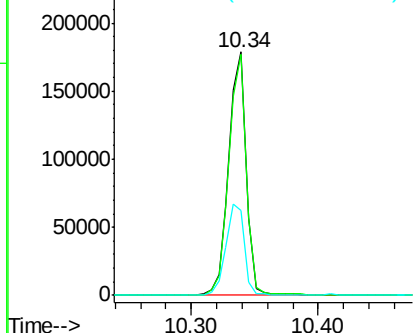
#41
 2,4,6-Tribromophenol
 Concen: 76.46 ng
 RT: 10.34 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 171815
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 115.0
 141 39.4 31.4 47.2

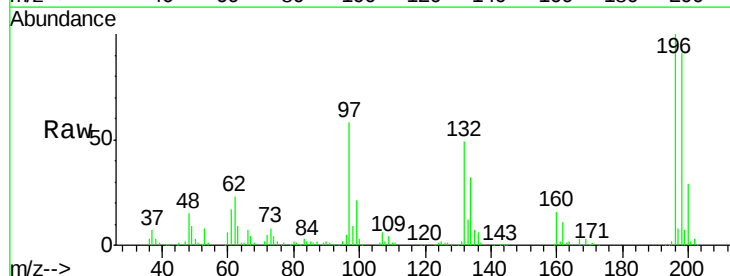


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

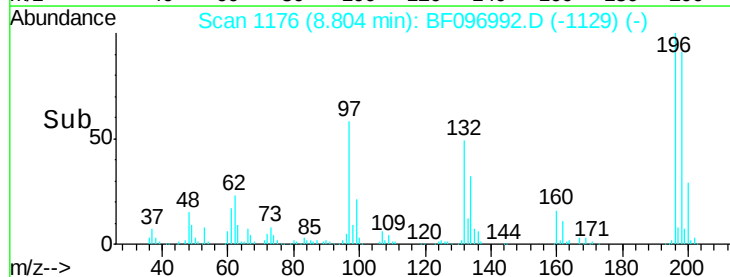
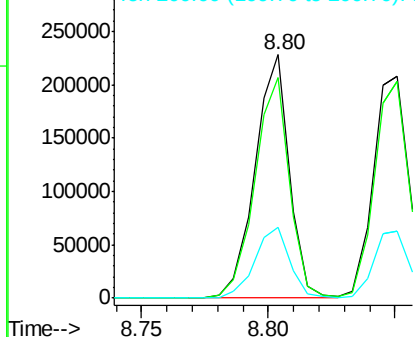


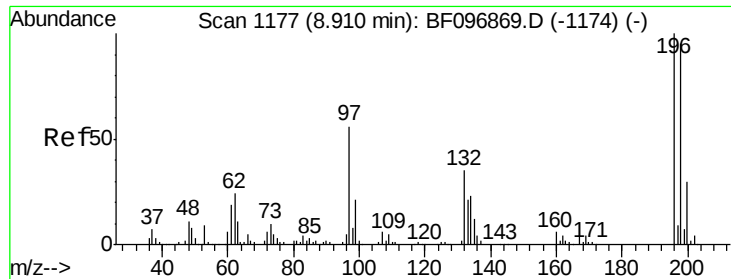
#42
 2,4,6-Trichlorophenol
 Concen: 40.92 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

Tgt Ion:196 Resp: 214811
 Ion Ratio Lower Upper
 196 100
 198 90.6 74.2 111.4
 200 28.9 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

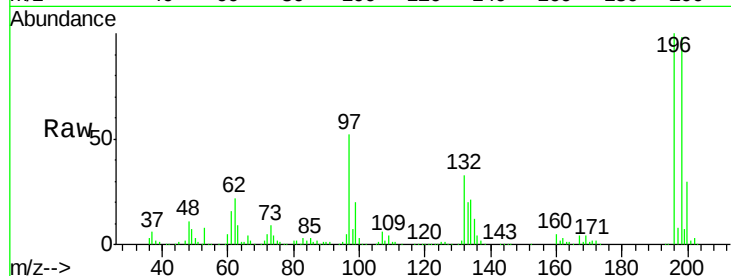




#43
 2,4,5-Trichlorophenol
 Concen: 40.21 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.8	75.7	113.5
97	51.8	47.7	71.5
132	32.6	28.0	42.0



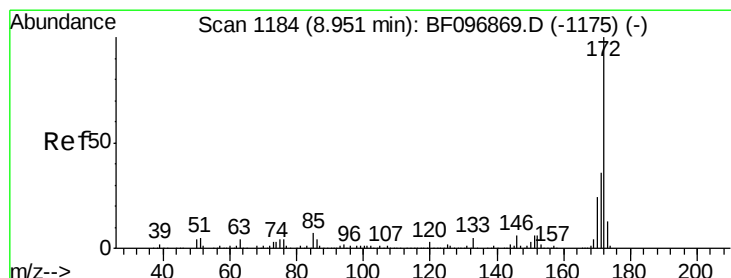
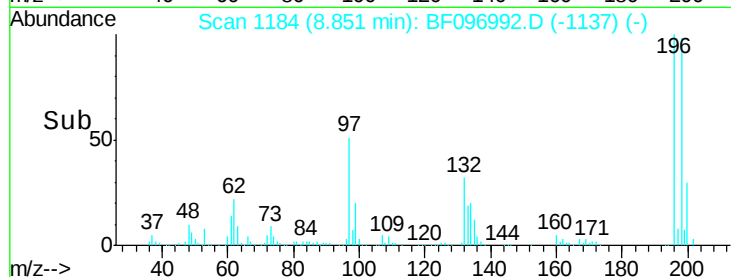
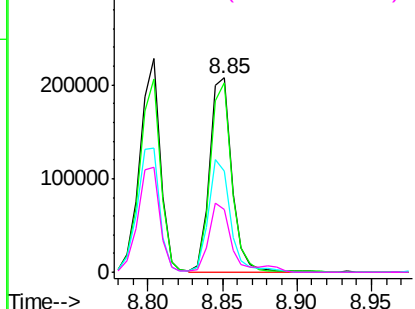
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

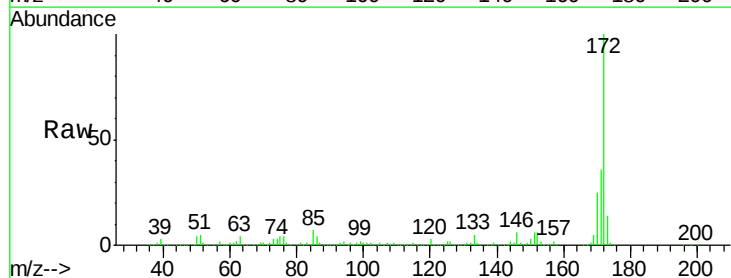
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.46 ng
 RT: 8.88 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.5	19.8	29.8

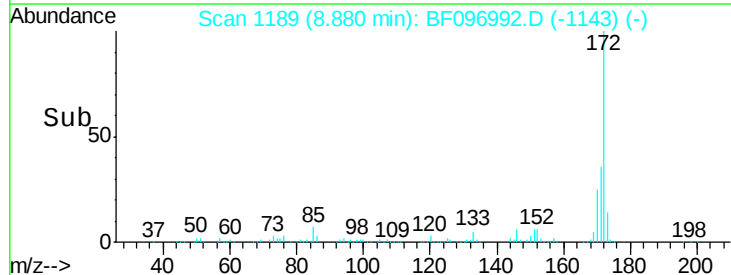
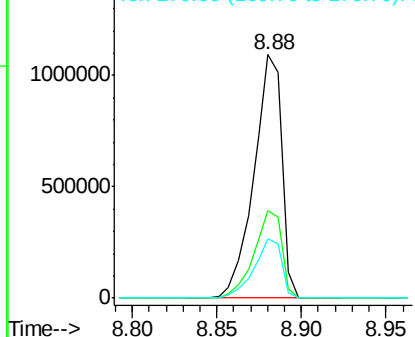


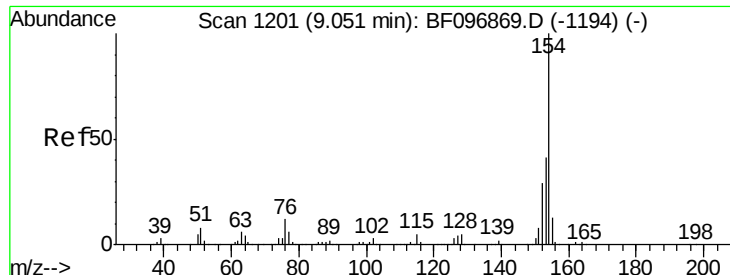
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

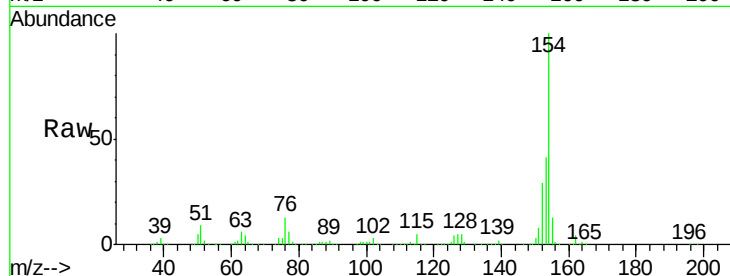




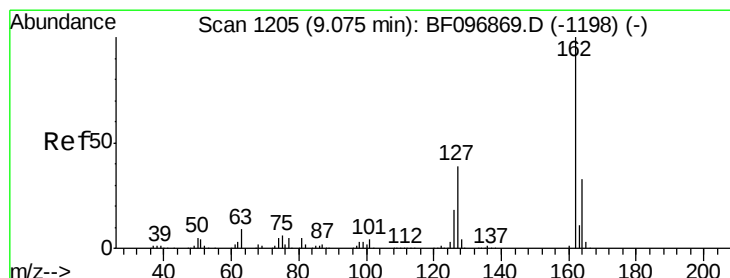
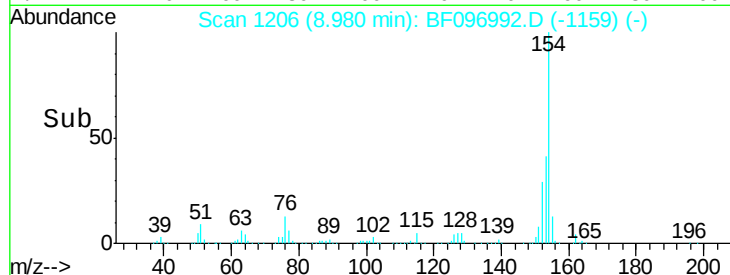
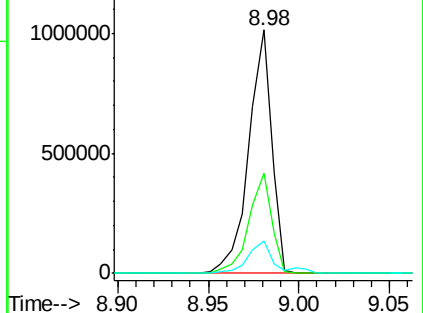
#45
 1,1'-Biphenyl
 Concen: 39.55 ng
 RT: 8.98 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.2	61.2
76	13.2	0.0	29.9

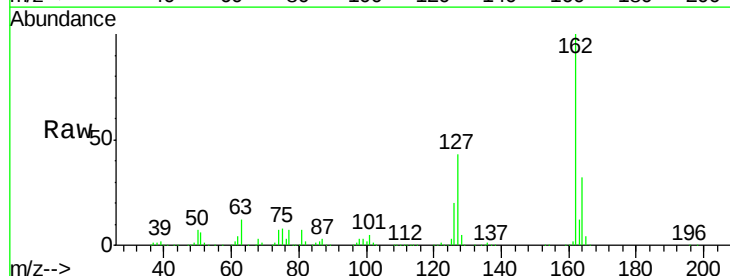


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

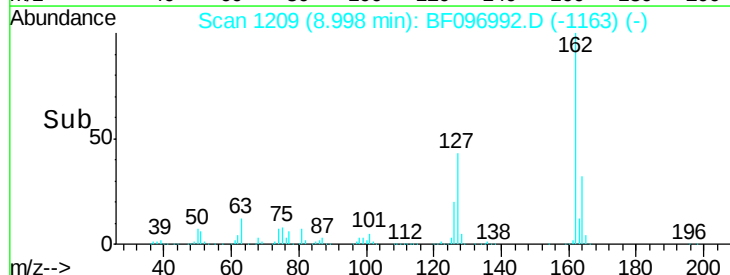
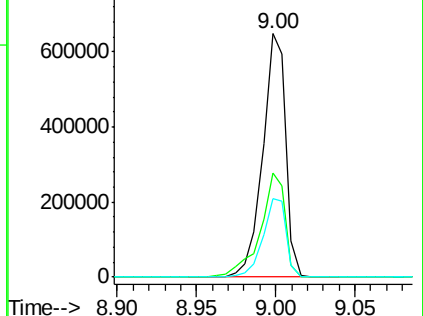


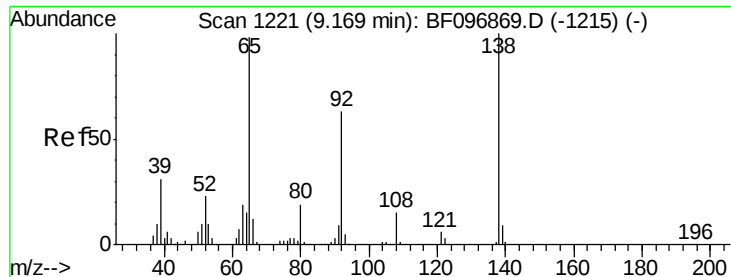
#46
 2-Chloronaphthalene
 Concen: 39.73 ng
 RT: 9.00 min Scan# 1209
 Delta R.T. -0.03 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.0	28.3	42.5#
164	32.4	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

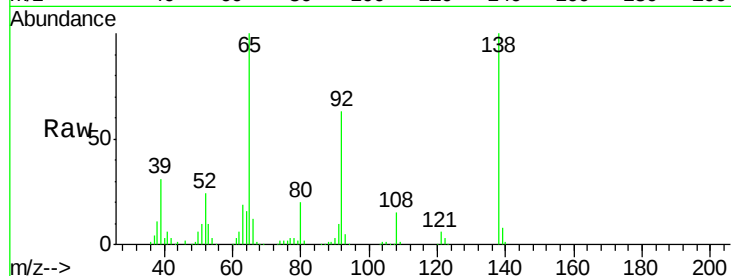




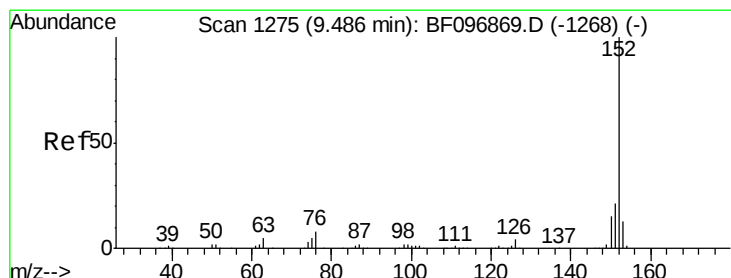
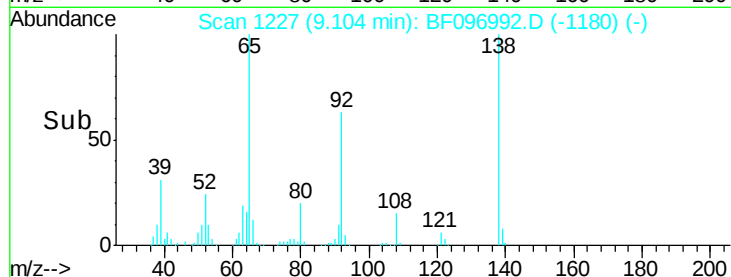
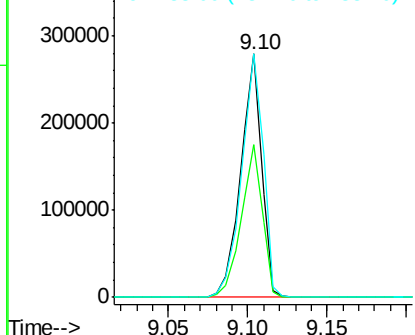
#47
2-Nitroaniline
Concen: 44.43 ng
RT: 9.10 min Scan# 1227
Delta R.T. -0.02 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 253909
Ion Ratio Lower Upper
65 100
92 62.6 53.9 80.9
138 99.9 78.8 118.2

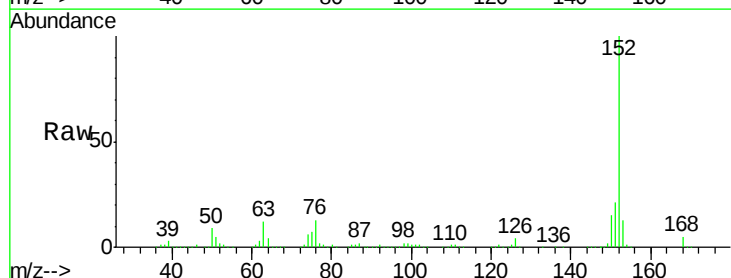


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

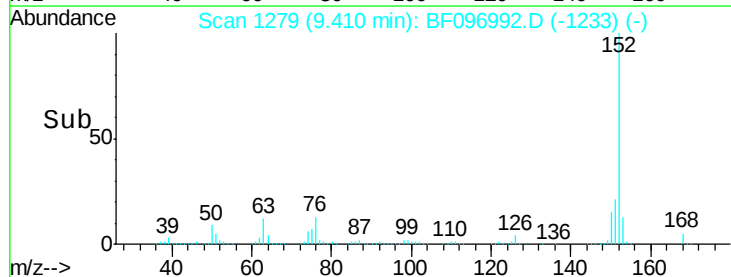
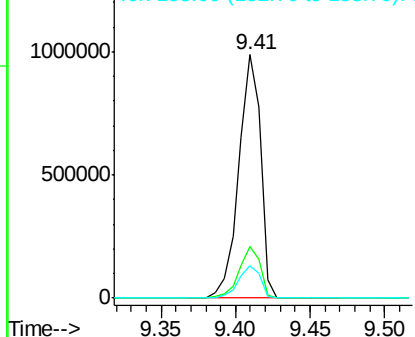


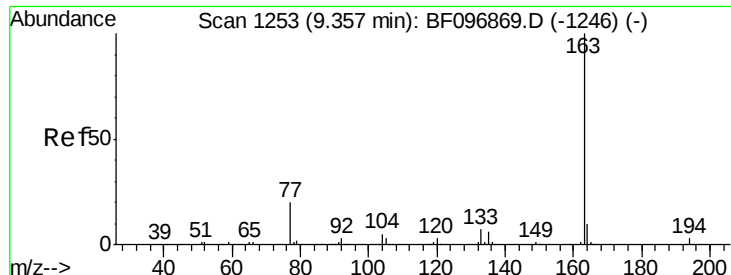
#48
Acenaphthylene
Concen: 37.97 ng
RT: 9.41 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

Tgt Ion: 152 Resp: 1005812
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2
153 13.3 10.8 16.2



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

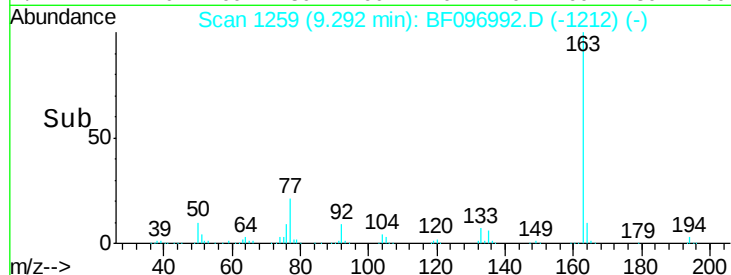
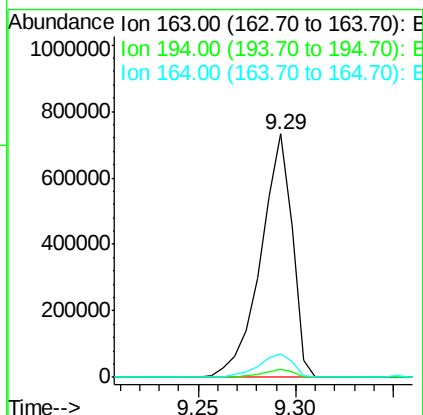
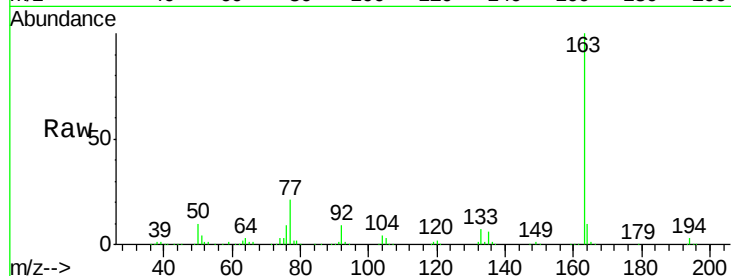




#49
Dimethylphthalate
Concen: 41.50 ng
RT: 9.29 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

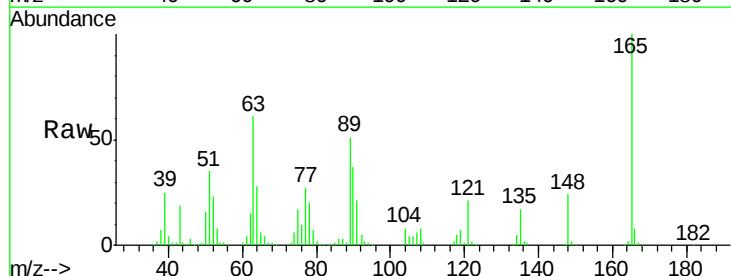
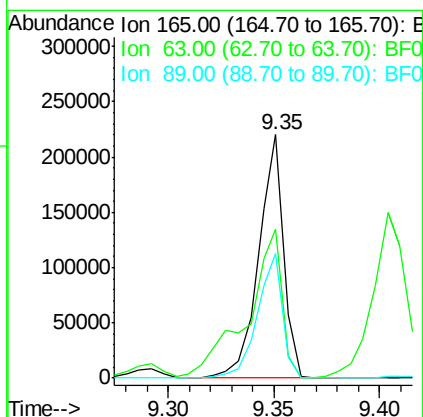
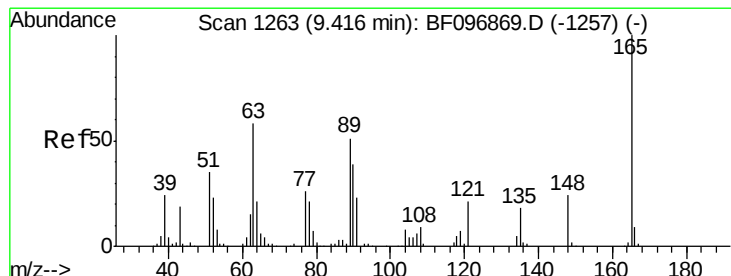
Instrument :
BNA_F
ClientSampled :

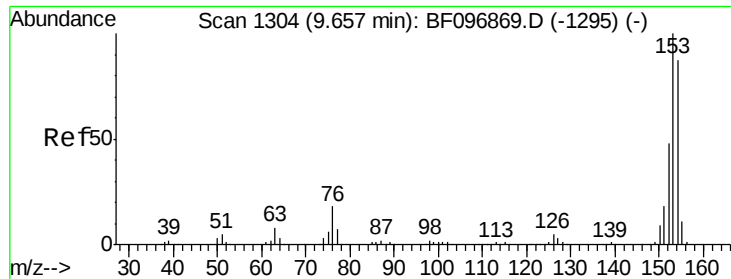
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.7	8.4	12.6



#50
2,6-Dinitrotoluene
Concen: 42.08 ng
RT: 9.35 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.2	34.3	51.5#
89	51.1	37.1	55.7

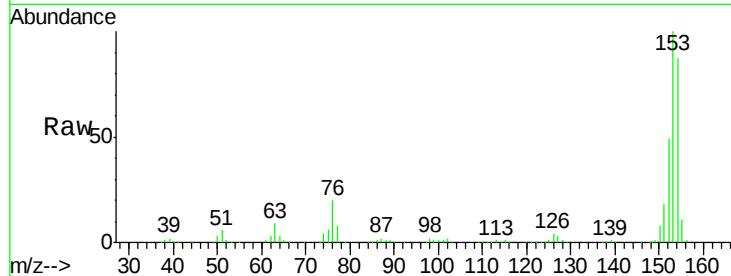




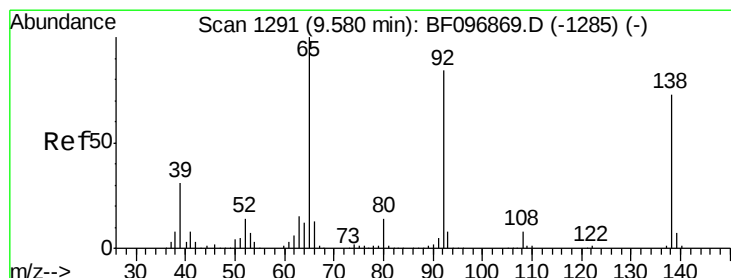
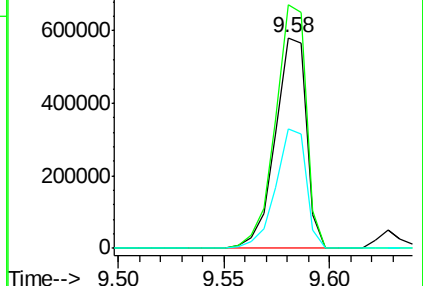
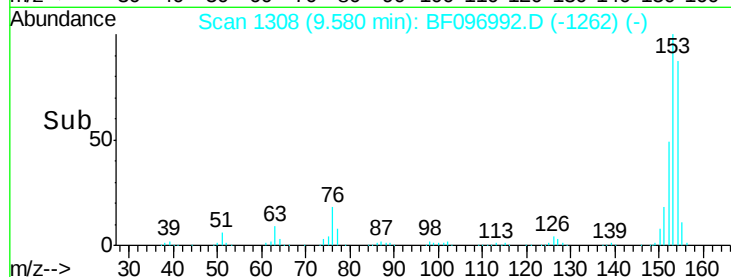
#51
Acenaphthene
Concen: 38.31 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.03 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 599538
Ion Ratio Lower Upper
154 100
153 115.4 90.5 135.7
152 56.6 43.6 65.4

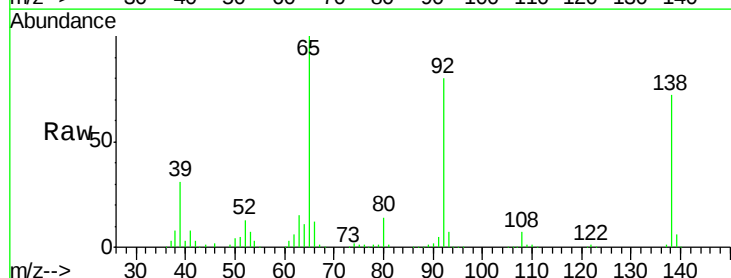


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

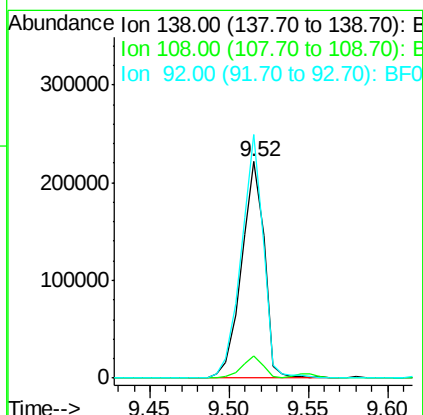
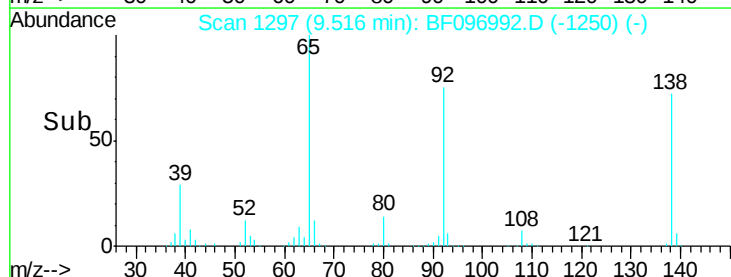


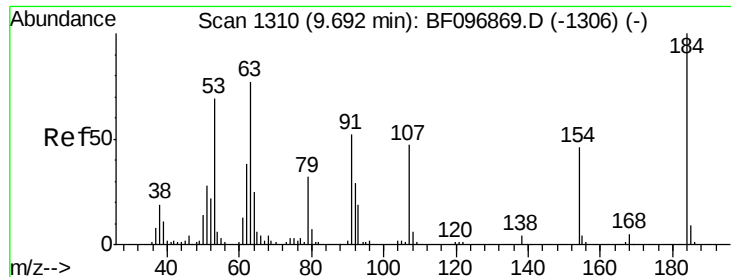
#52
3-Nitroaniline
Concen: 43.16 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

Tgt Ion:138 Resp: 219509
Ion Ratio Lower Upper
138 100
108 10.1 9.1 13.7
92 112.5 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

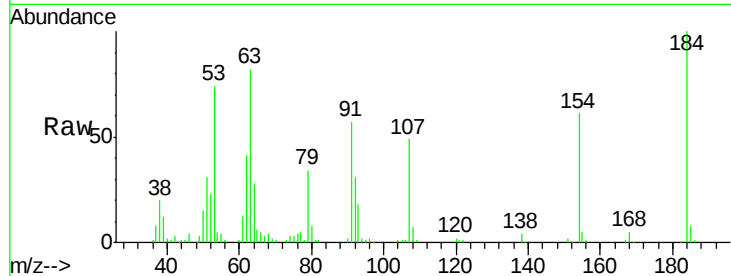




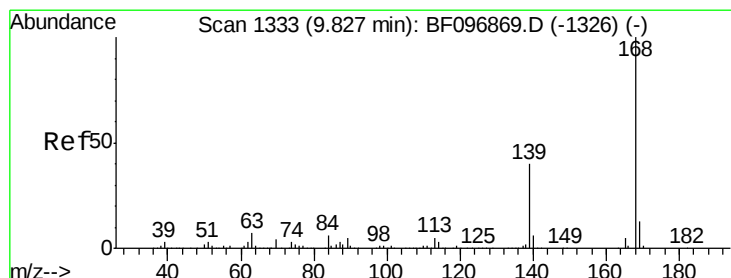
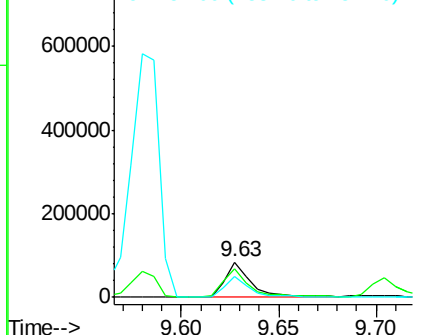
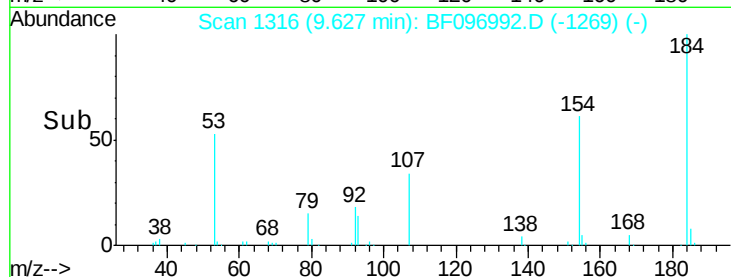
#53
 2,4-Dinitrophenol
 Concen: 41.04 ng
 RT: 9.63 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 79617
 Ion Ratio Lower Upper
 184 100
 63 81.6 62.7 94.1
 154 61.3 81.1 121.7#

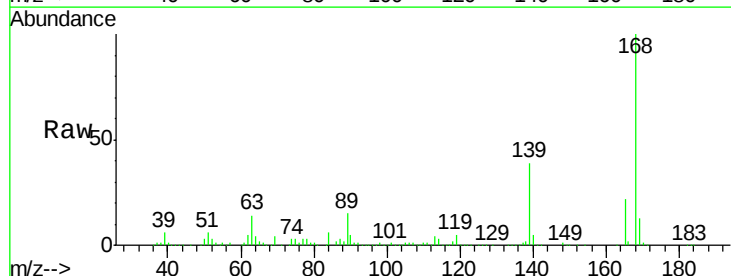


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

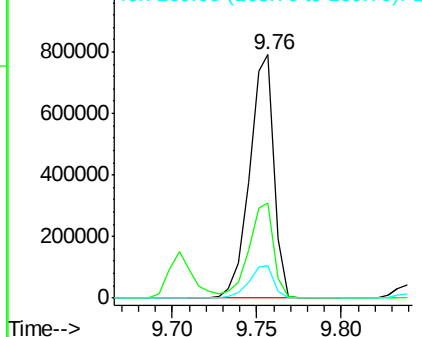
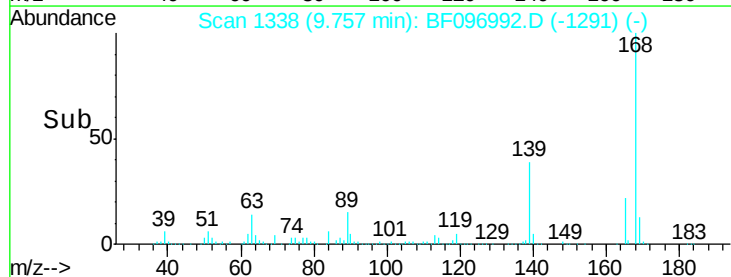


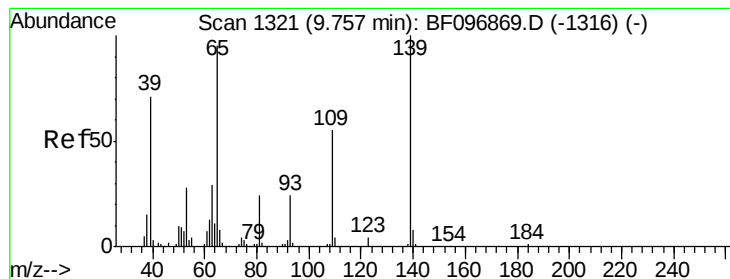
#54
 Dibenzofuran
 Concen: 36.34 ng
 RT: 9.76 min Scan# 1338
 Delta R.T. -0.02 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

Tgt Ion:168 Resp: 796880
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.6 45.8
 169 13.1 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: 40.55 ng

RT: 9.70 min Scan# 1329

Delta R.T. -0.03 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

Instrument :

BNA_F

ClientSampled :

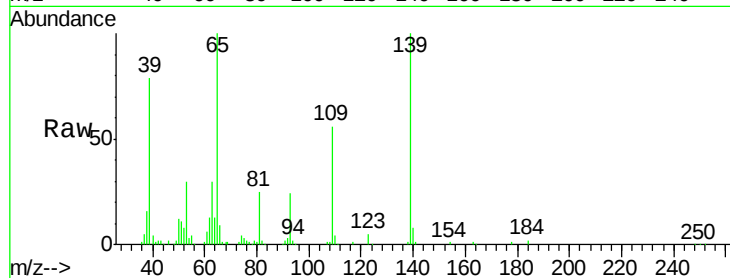
Tot Ion:139 Resp: 150660

Ion Ratio Lower Upper

139 100

109 55.7 34.1 74.1

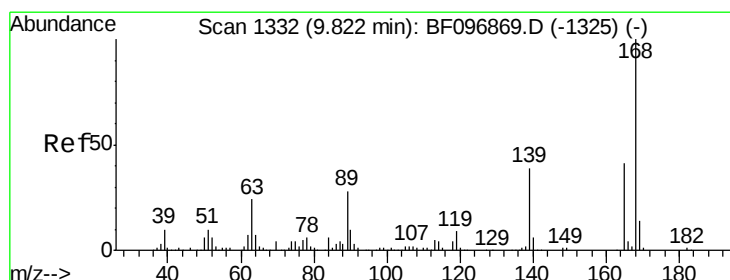
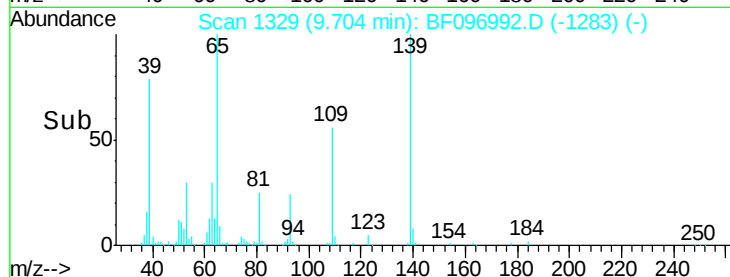
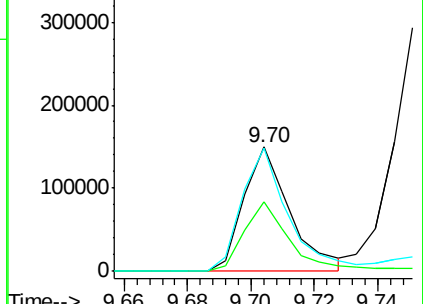
65 99.8 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 36.55 ng

RT: 9.75 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

Tgt Ion:165 Resp: 201666

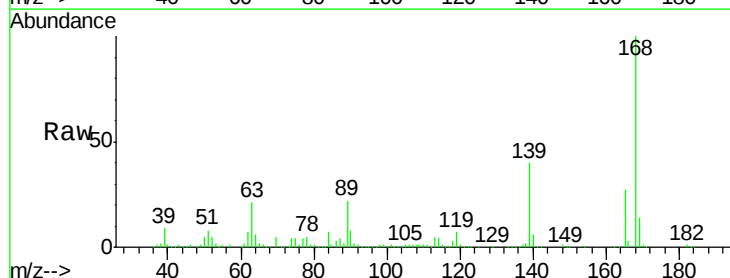
Ion Ratio Lower Upper

165 100

63 77.2 25.4 38.0#

89 83.3 46.4 69.6#

182 2.0 1.8 2.6

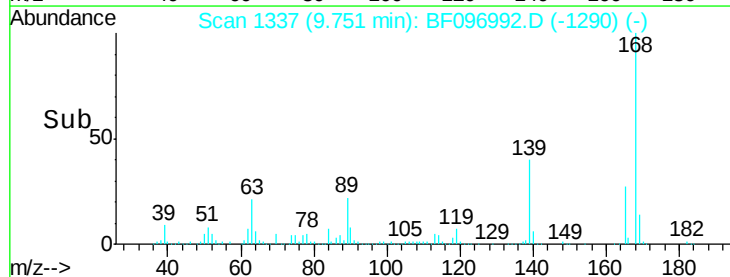
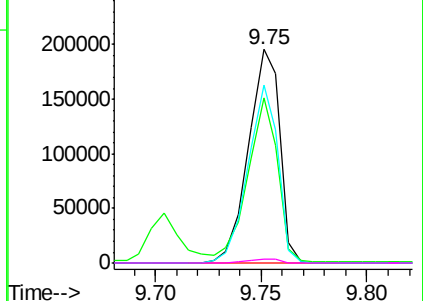


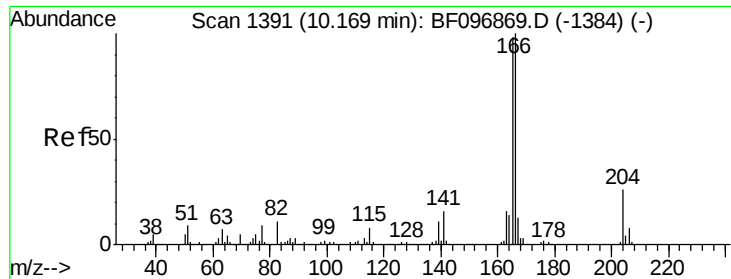
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

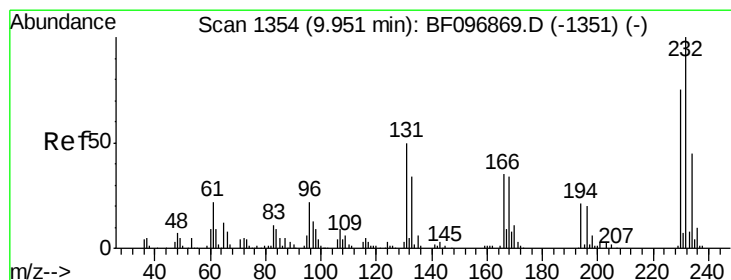
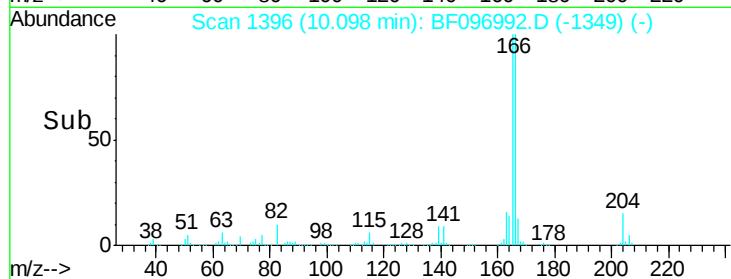
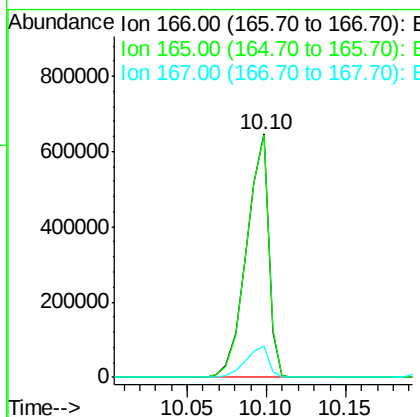
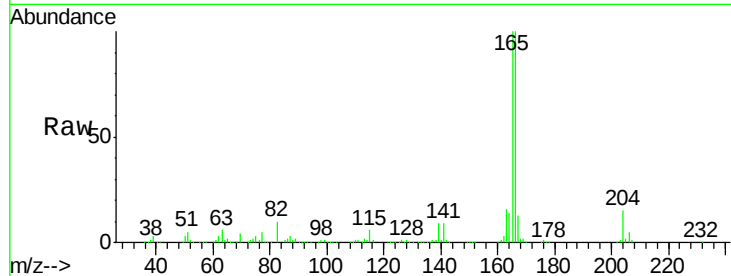




#57
 Fluorene
 Concen: 38.10 ng
 RT: 10.10 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

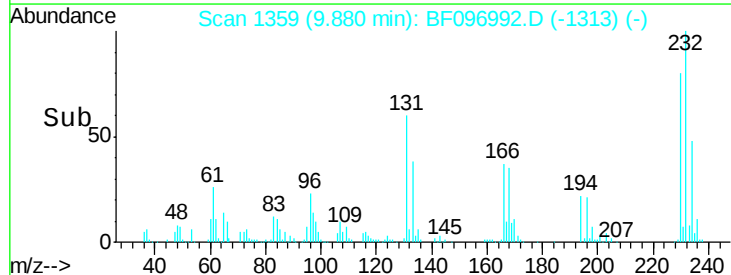
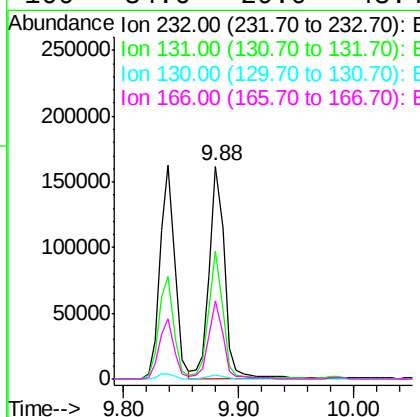
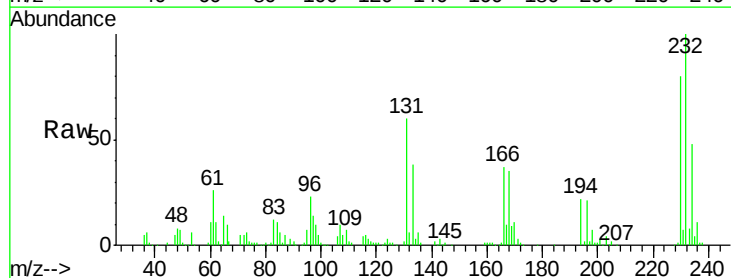
Instrument :
 BNA_F
 ClientSampleId :

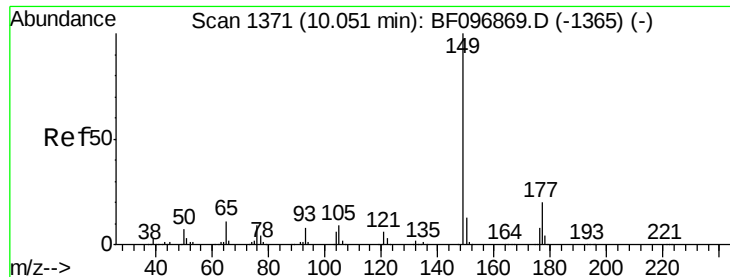
Tot Ion:166 Resp: 617435
 Ion Ratio Lower Upper
 166 100
 165 99.6 78.8 118.2
 167 12.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.03 ng
 RT: 9.88 min Scan# 1359
 Delta R.T. -0.03 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

Tgt Ion:232 Resp: 150655
 Ion Ratio Lower Upper
 232 100
 131 55.9 44.8 67.2
 130 2.1 2.3 3.5#
 166 34.6 29.0 43.4

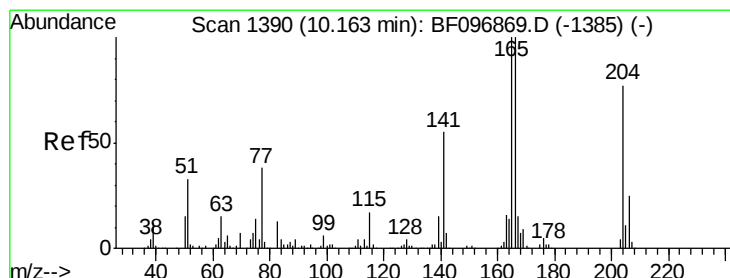
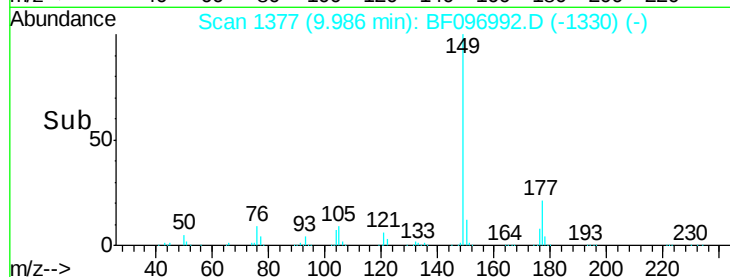
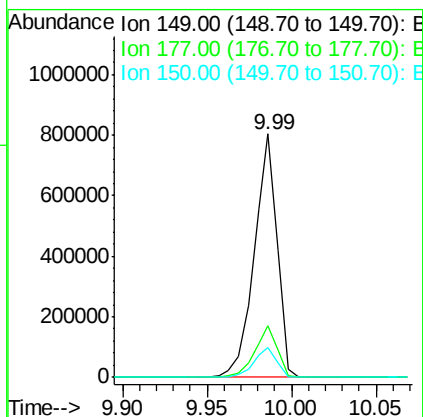
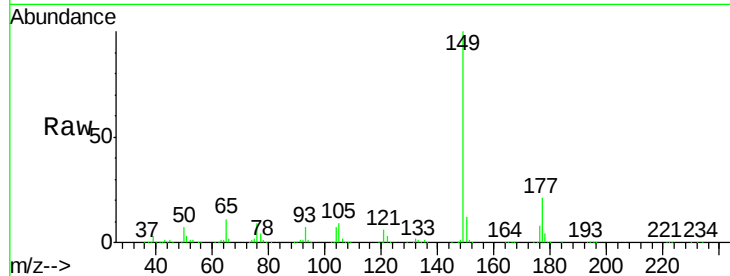




#59
Diethylphthalate
Concen: 39.20 ng
RT: 9.99 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

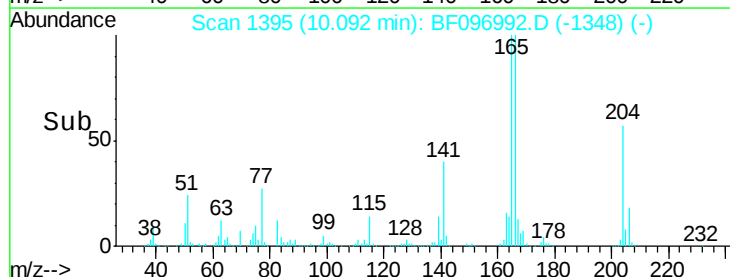
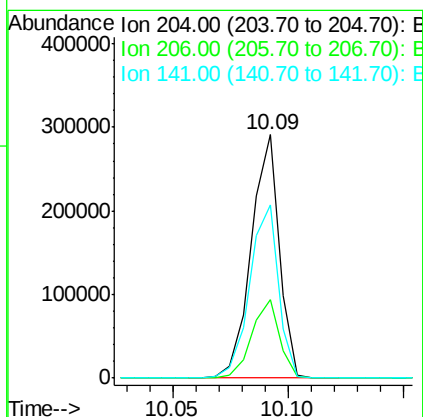
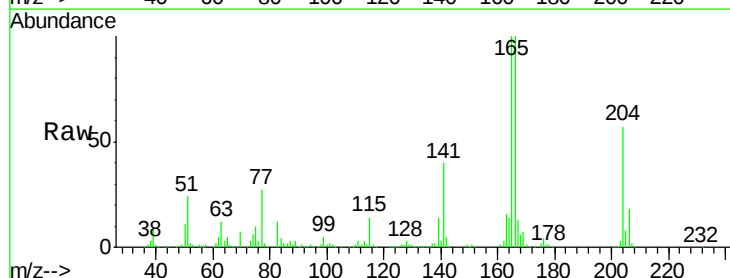
Instrument :
BNA_F
ClientSampleId :

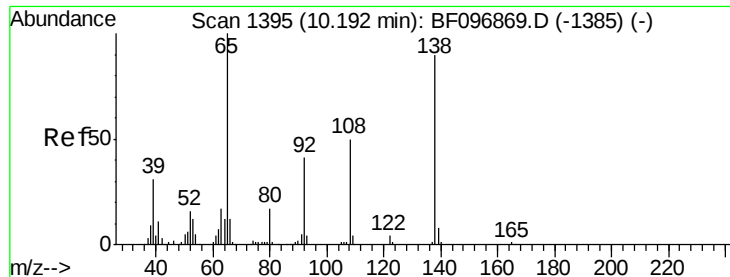
Tot Ion:149 Resp: 756339
Ion Ratio Lower Upper
149 100
177 21.3 16.7 25.1
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 34.88 ng
RT: 10.09 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

Tgt Ion:204 Resp: 248626
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 71.1 60.8 91.2

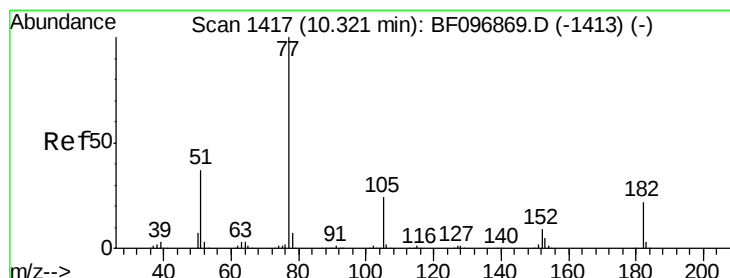
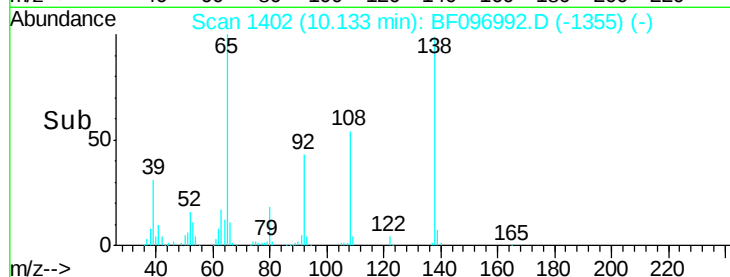
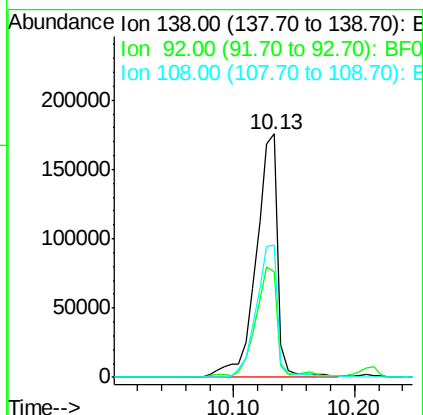
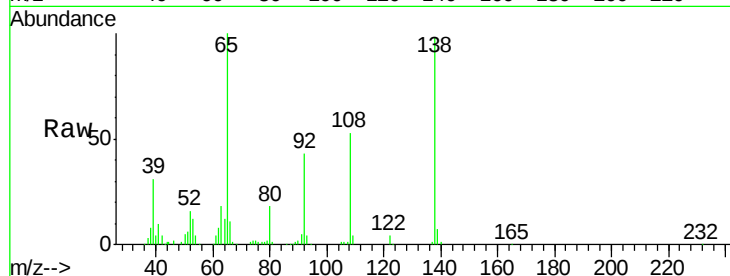




#61
4-Nitroaniline
Concen: 46.15 ng
RT: 10.13 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

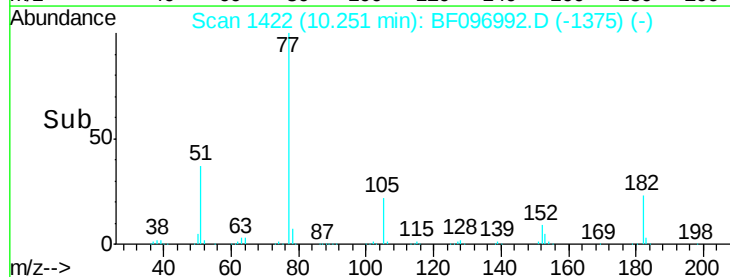
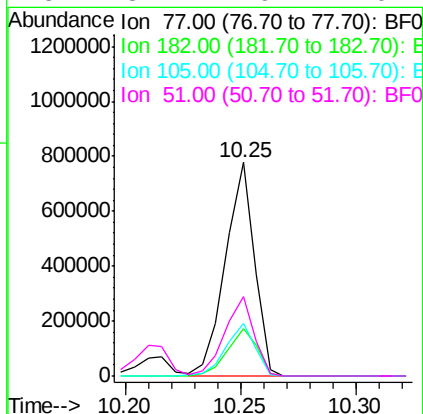
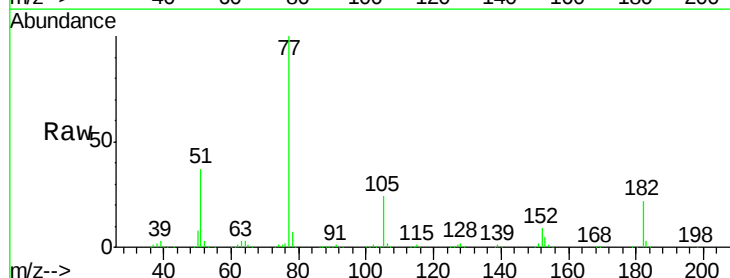
Instrument :
BNA_F
ClientSampled :

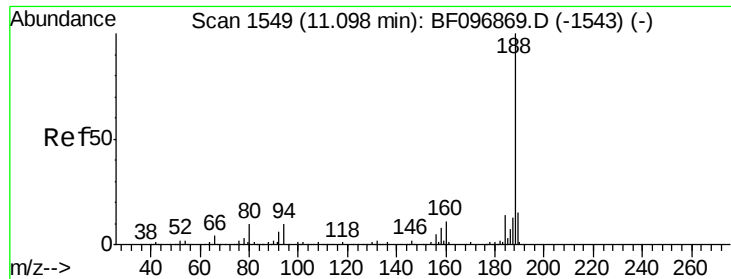
Tot Ion:138 Resp: 220398
Ion Ratio Lower Upper
138 100
92 43.5 21.8 61.8
108 54.3 42.3 82.3



#62
Azobenzene
Concen: 40.04 ng
RT: 10.25 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

Tgt Ion: 77 Resp: 681664
Ion Ratio Lower Upper
77 100
182 22.3 0.1 40.1
105 24.4 3.6 43.6
51 37.1 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.02 min Scan# 1553

Delta R.T. -0.03 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

Instrument :

BNA_F

ClientSampleId :

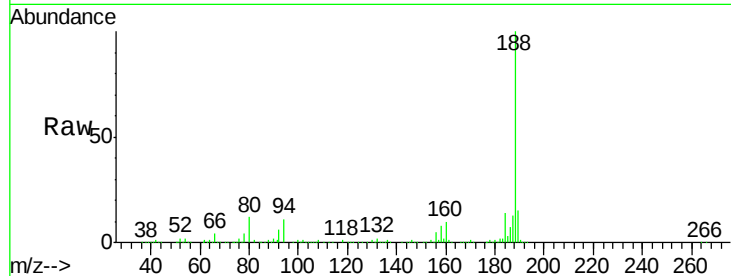
Tot Ion:188 Resp: 431379

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.2

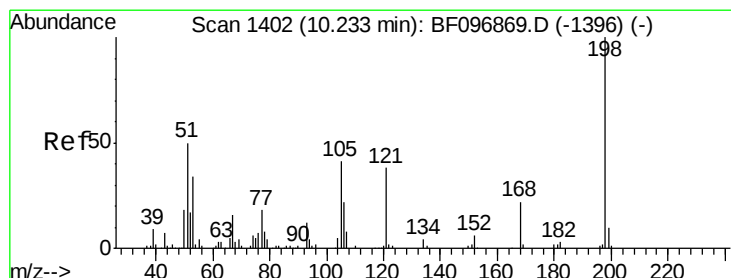
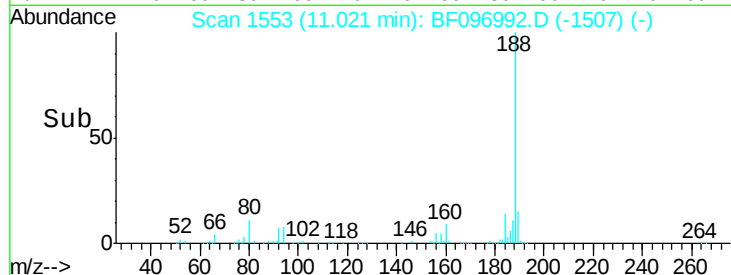
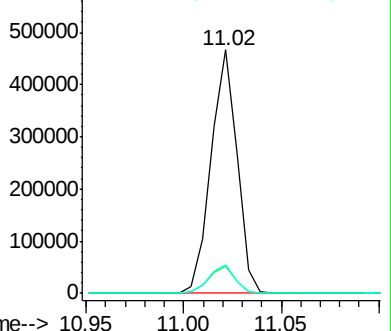
80 11.7 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 44.19 ng

RT: 10.16 min Scan# 1407

Delta R.T. -0.03 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

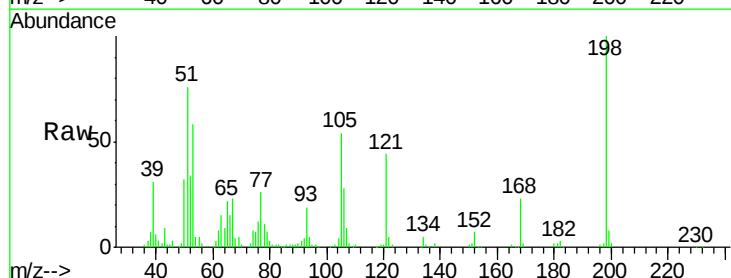
Tgt Ion:198 Resp: 119685

Ion Ratio Lower Upper

198 100

51 76.3 53.2 93.2

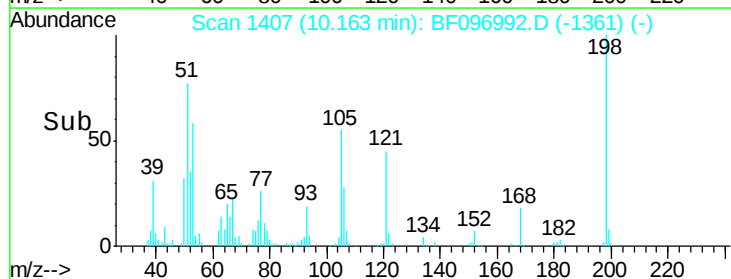
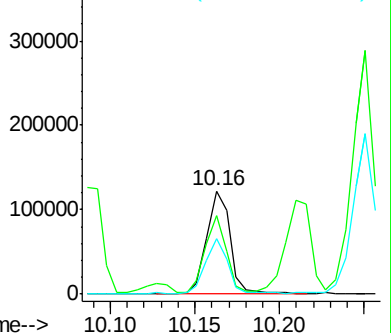
105 54.1 45.8 85.8

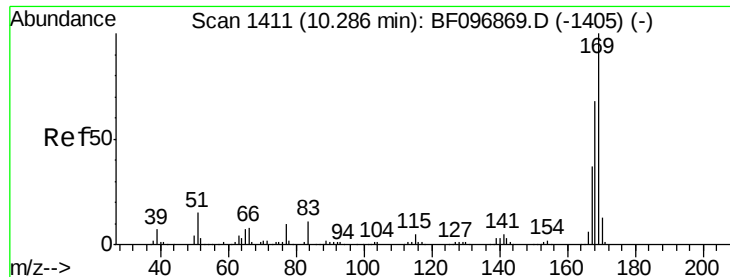


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

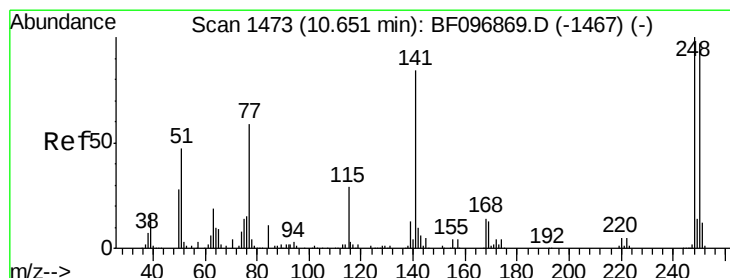
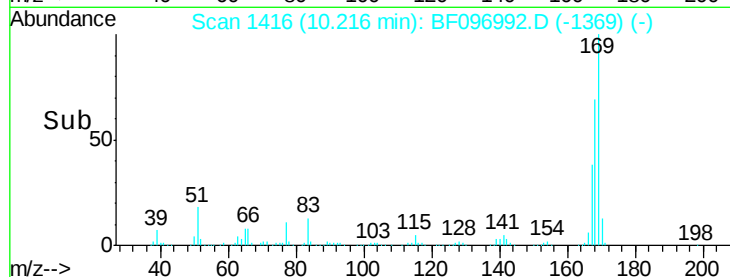
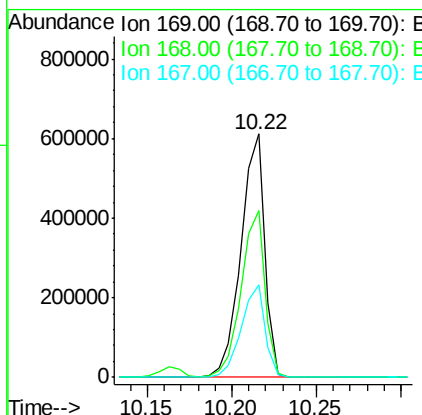
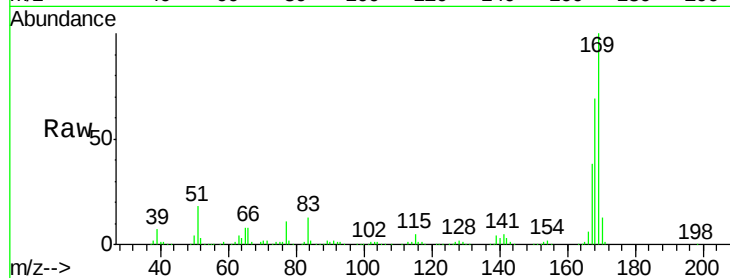




#65
 n-Nitrosodiphenylamine
 Concen: 38.98 ng
 RT: 10.22 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

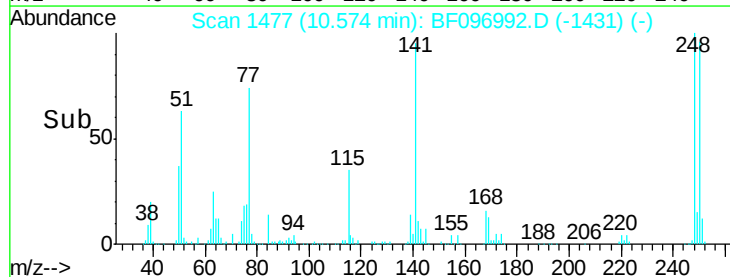
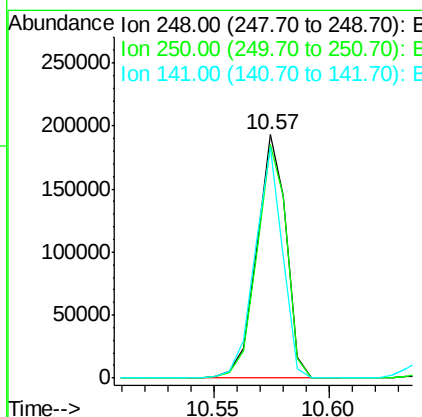
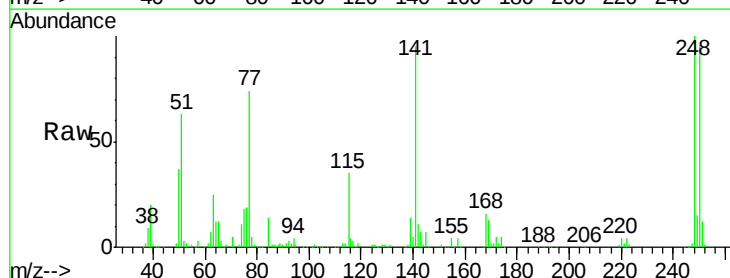
Instrument :
 BNA_F
 ClientSampleId :

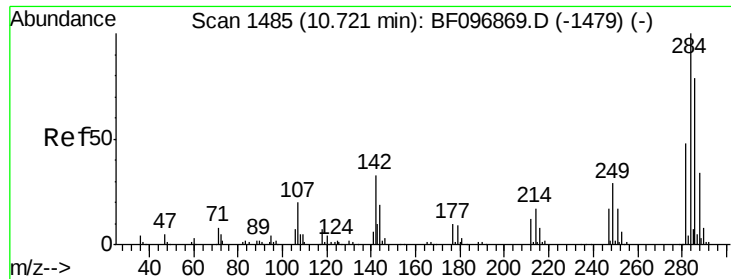
Tot Ion:169 Resp: 601098
 Ion Ratio Lower Upper
 169 100
 168 68.6 53.2 79.8
 167 38.2 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 38.85 ng
 RT: 10.57 min Scan# 1477
 Delta R.T. -0.03 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

Tgt Ion:248 Resp: 171094
 Ion Ratio Lower Upper
 248 100
 250 96.0 76.8 115.2
 141 94.7 68.6 103.0

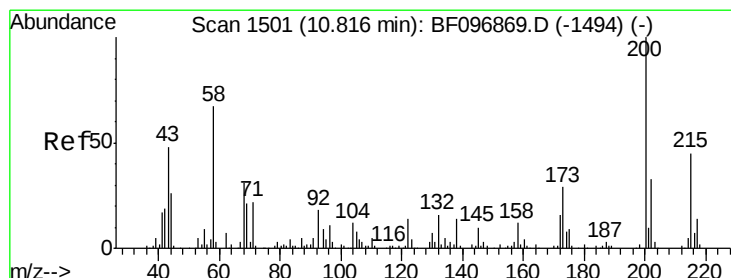
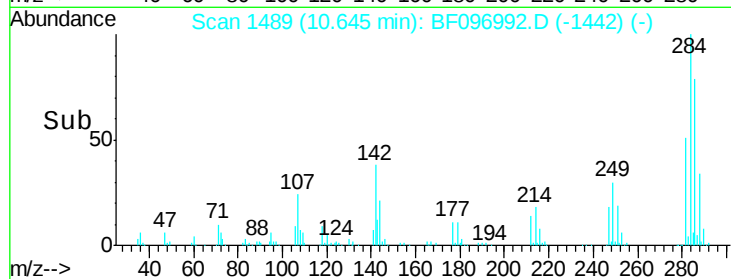
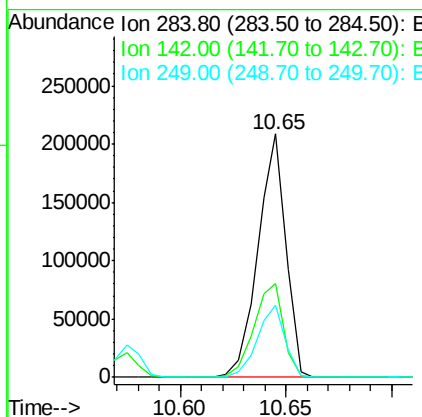
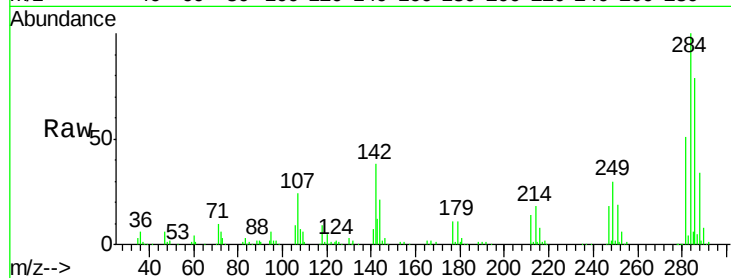




#67
Hexachlorobenzene
Concen: 38.92 ng
RT: 10.65 min Scan# 1489
Delta R.T. -0.02 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

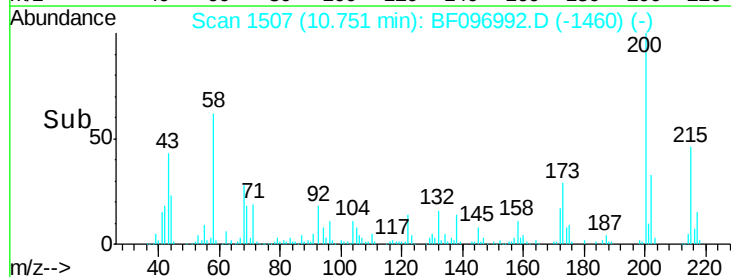
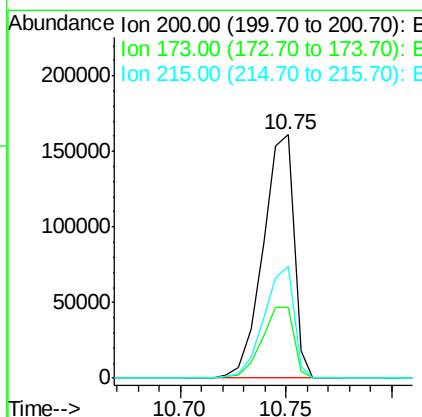
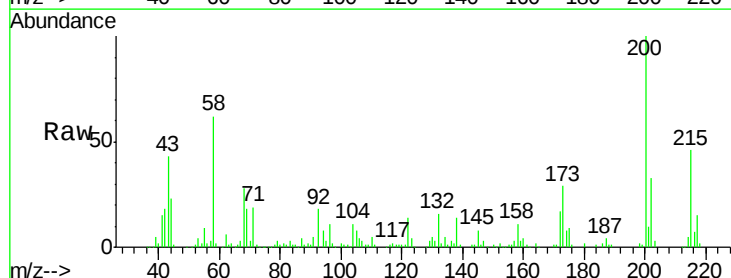
Instrument :
BNA_F
ClientSampleId :

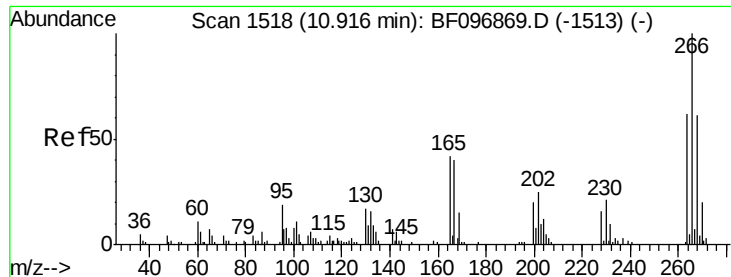
Tot Ion:284 Resp: 190918
Ion Ratio Lower Upper
284 100
142 38.3 22.8 34.2#
249 29.5 24.0 36.0



#68
Atrazine
Concen: 37.43 ng
RT: 10.75 min Scan# 1507
Delta R.T. -0.02 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

Tgt Ion:200 Resp: 164425
Ion Ratio Lower Upper
200 100
173 29.2 6.3 46.3
215 45.8 27.2 67.2

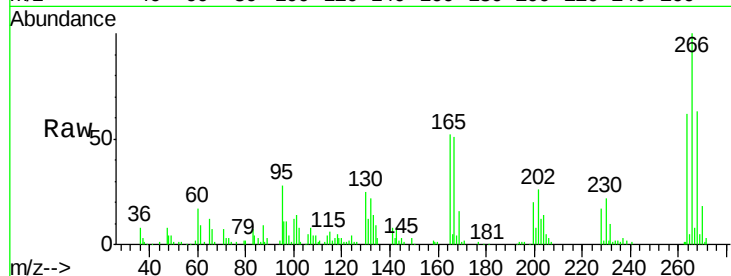




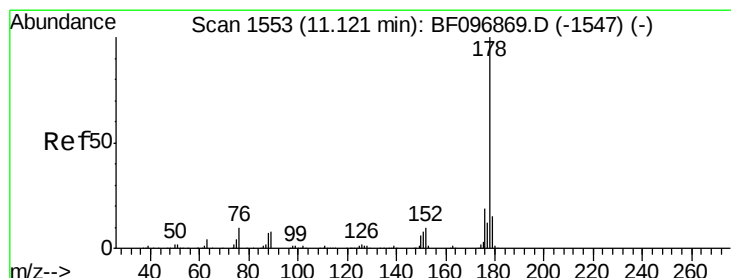
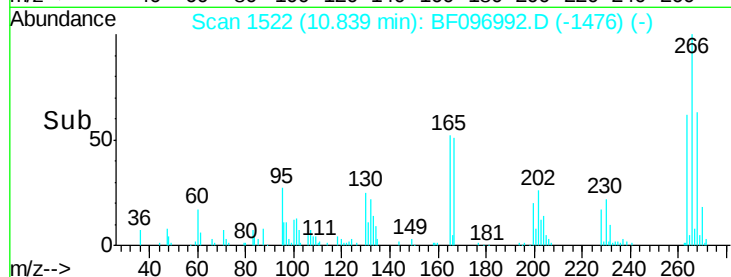
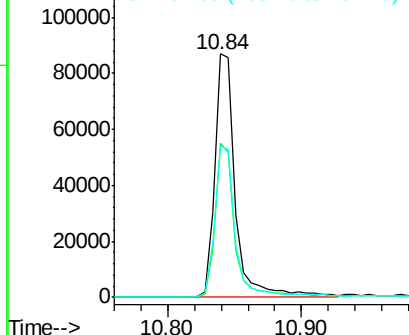
#69
 Pentachlorophenol
 Concen: 40.14 ng
 RT: 10.84 min Scan# 1522
 Delta R.T. -0.03 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 95116
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 62.0 51.7 77.5

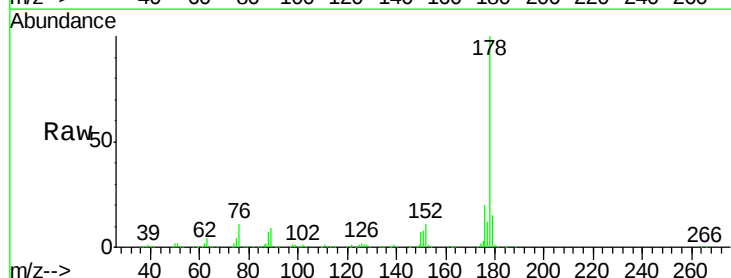


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

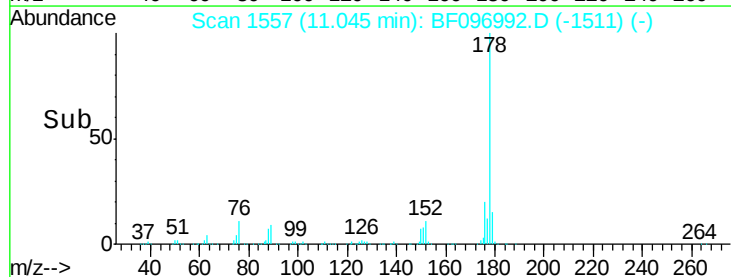
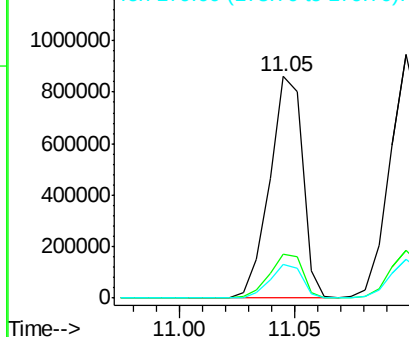


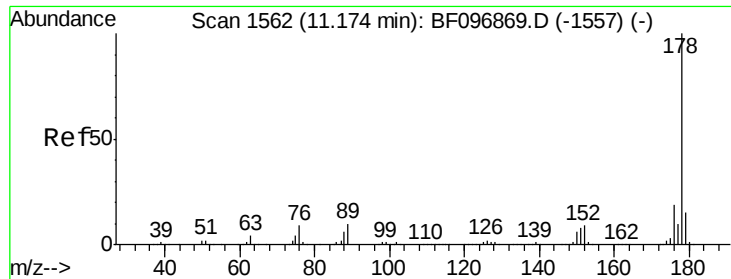
#70
 Phenanthrene
 Concen: 36.37 ng
 RT: 11.05 min Scan# 1557
 Delta R.T. -0.03 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

Tgt Ion:178 Resp: 853089
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 15.2 12.6 19.0



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

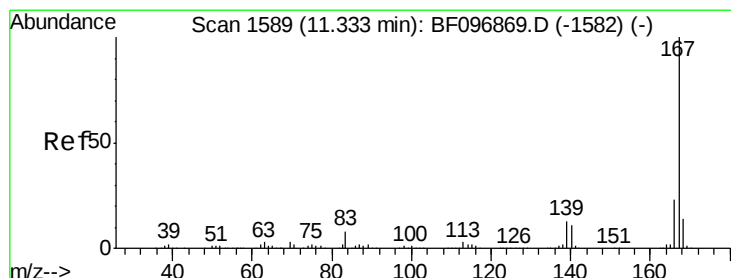
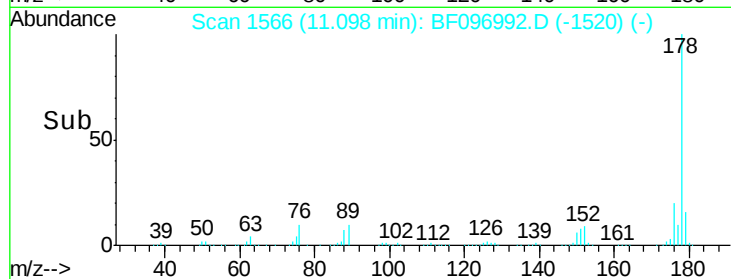
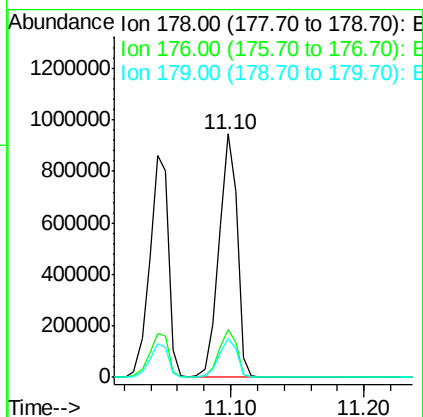
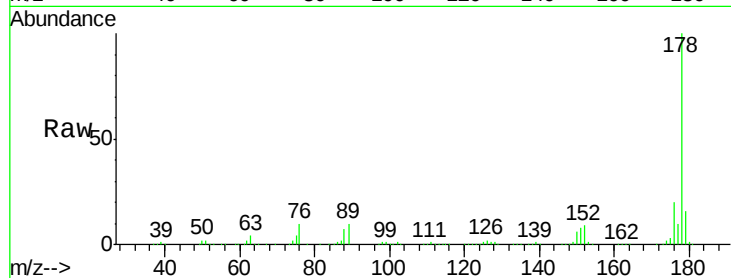




#71
 Anthracene
 Concen: 38.64 ng
 RT: 11.10 min Scan# 1566
 Delta R.T. -0.03 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

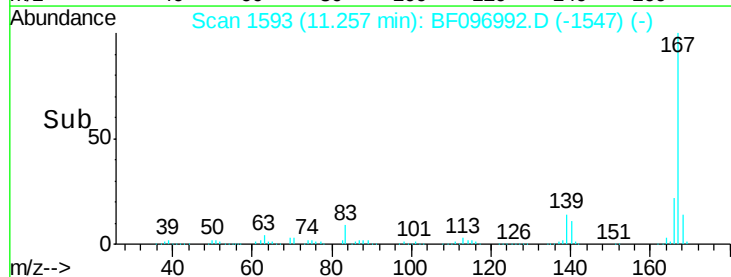
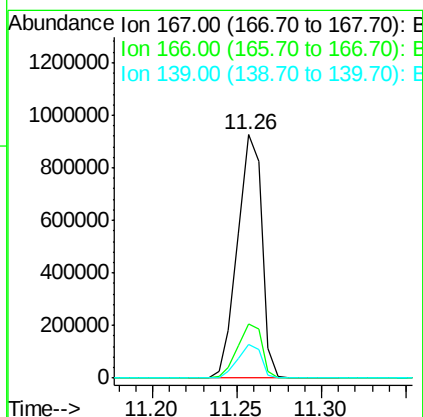
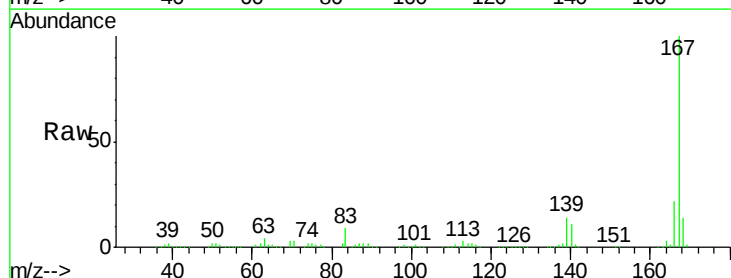
Instrument :
 BNA_F
 ClientSampleId :

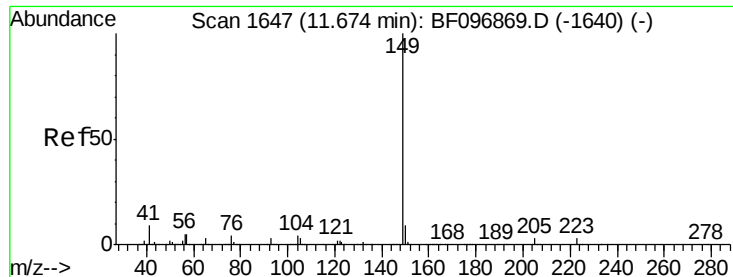
Tot Ion:178 Resp: 916359
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 40.63 ng
 RT: 11.26 min Scan# 1593
 Delta R.T. -0.03 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

Tgt Ion:167 Resp: 933086
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 14.0 11.7 17.5





#73

Di-n-butylphthalate

Concen: 39.02 ng

RT: 11.60 min Scan# 1651

Delta R.T. -0.03 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

Instrument :

BNA_F

ClientSampleId :

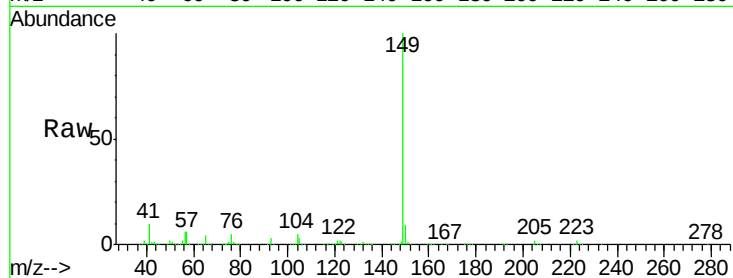
Tot Ion:149 Resp: 1116126

Ion Ratio Lower Upper

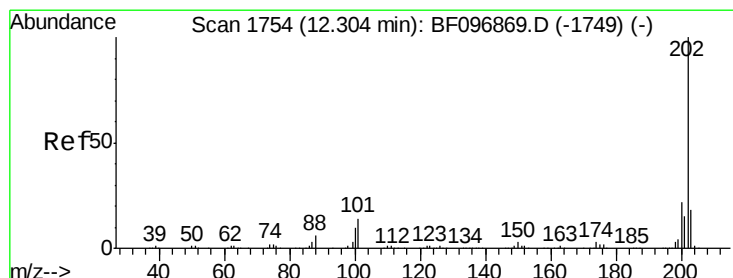
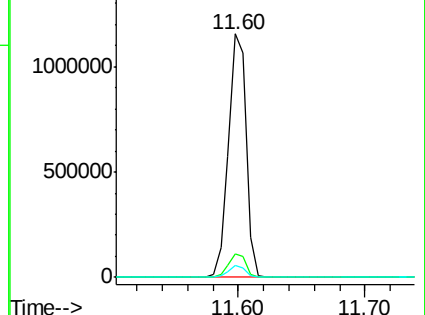
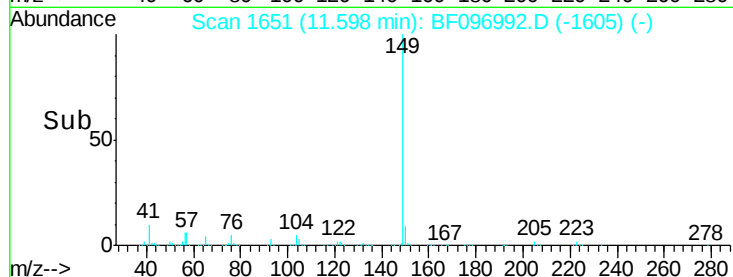
149 100

150 9.5 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: 39.97 ng

RT: 12.23 min Scan# 1758

Delta R.T. -0.03 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

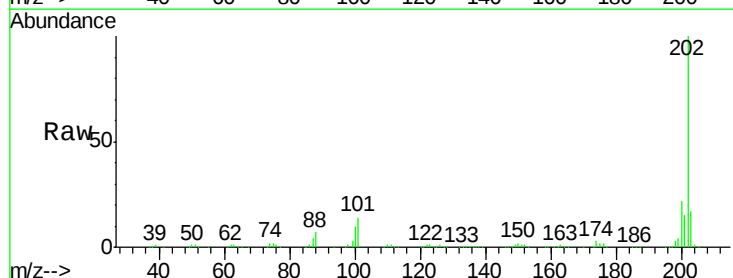
Tgt Ion:202 Resp: 897467

Ion Ratio Lower Upper

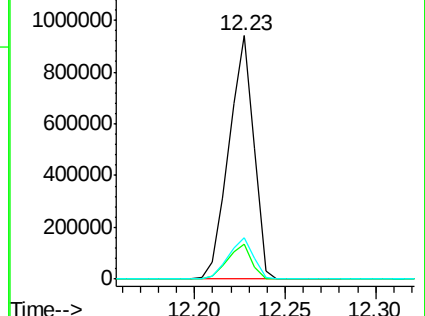
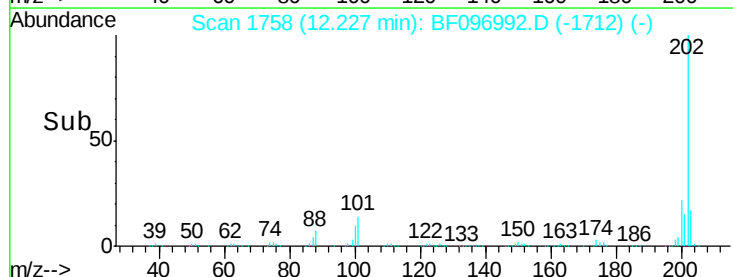
202 100

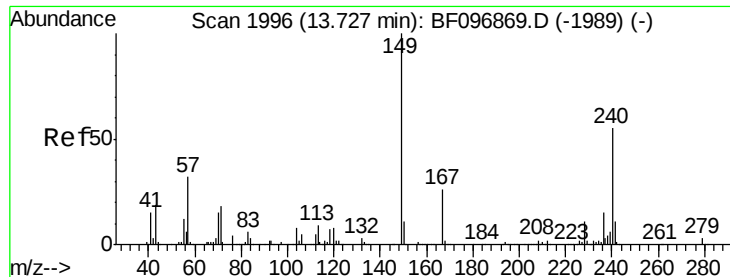
101 14.4 0.0 33.2

203 17.0 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# 2000

Delta R.T. -0.03 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

Instrument :

BNA_F

ClientSampleId :

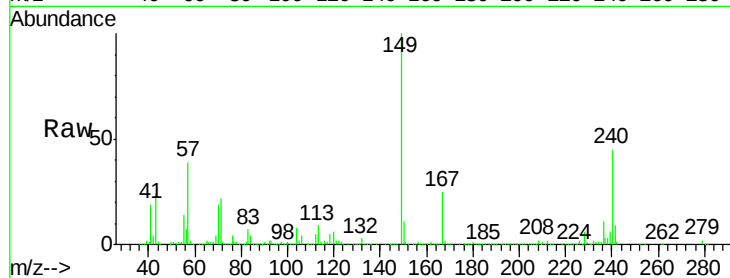
Tot Ion:240 Resp: 293416

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

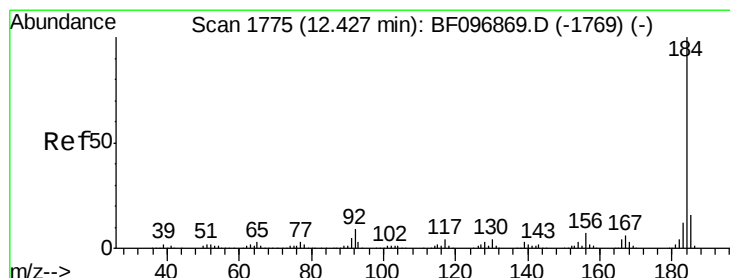
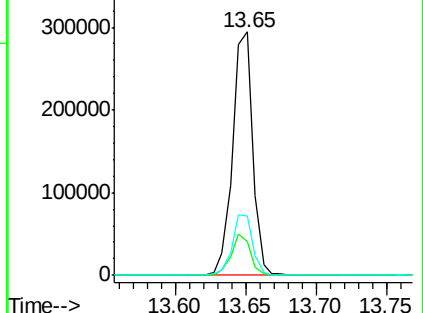
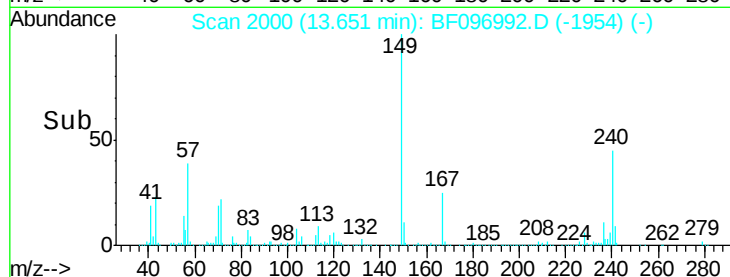
236 24.3 20.5 30.7



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: 41.44 ng

RT: 12.35 min Scan# 1779

Delta R.T. -0.03 min

Lab File: BF096992.D

Acq: 24 Jul 2017 18:32

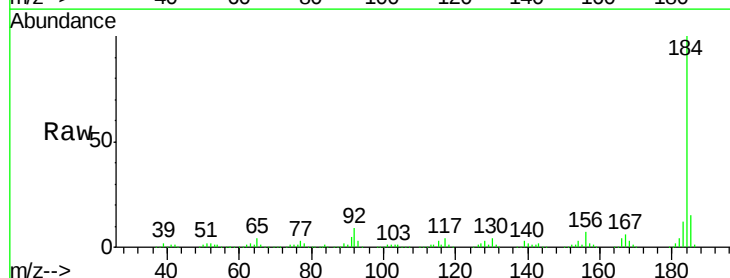
Tgt Ion:184 Resp: 398343

Ion Ratio Lower Upper

184 100

185 14.7 15.5 23.3#

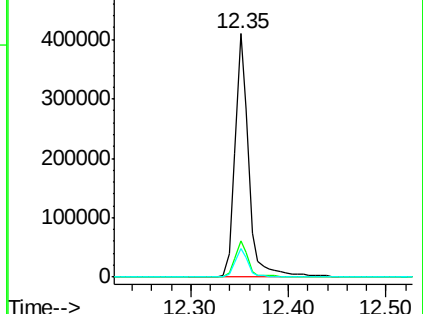
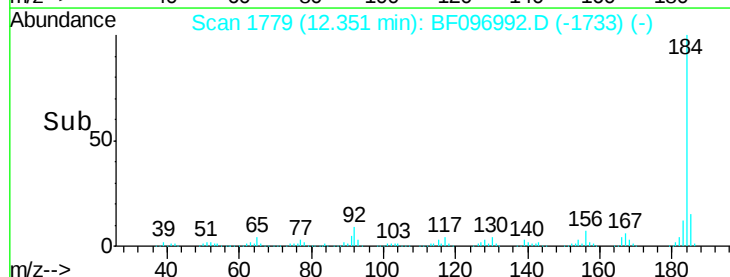
183 11.8 9.8 14.6

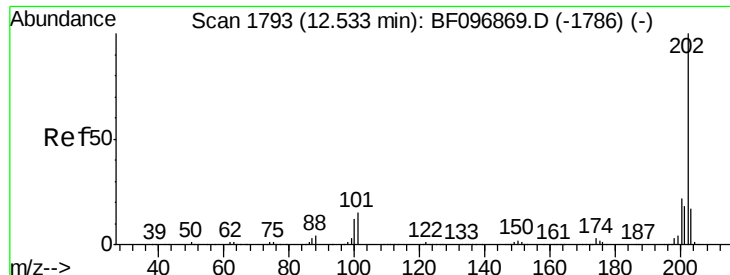


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

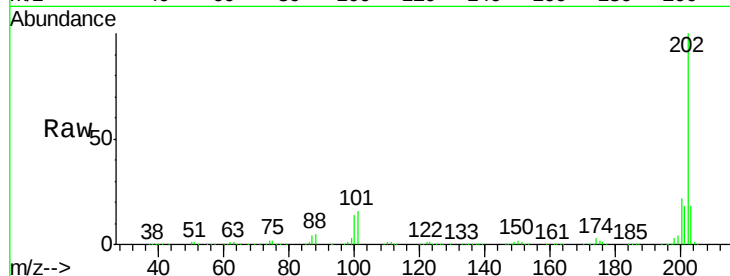




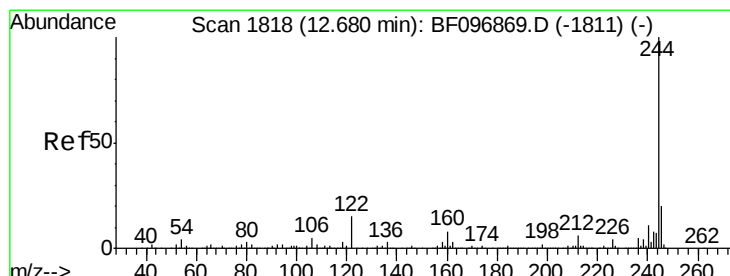
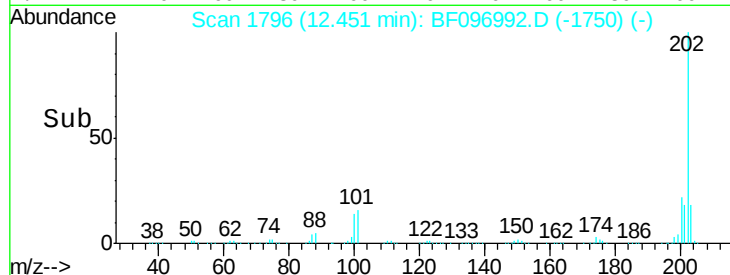
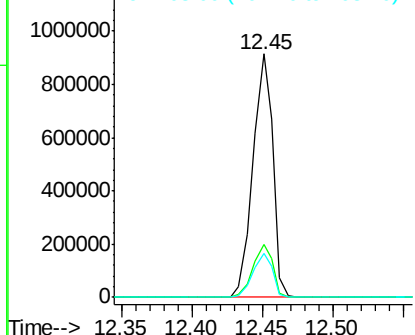
#77
Pvrene
Concen: 33.97 ng
RT: 12.45 min Scan# 1796
Delta R.T. -0.03 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 904570
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 18.0 14.4 21.6

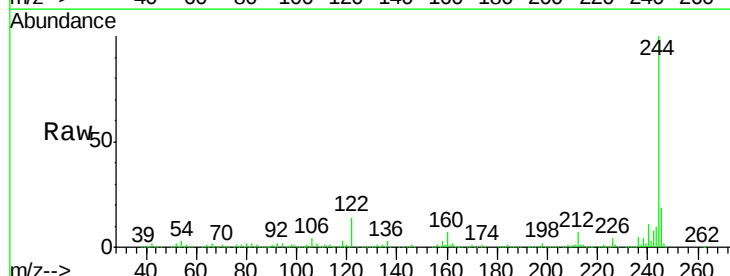


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

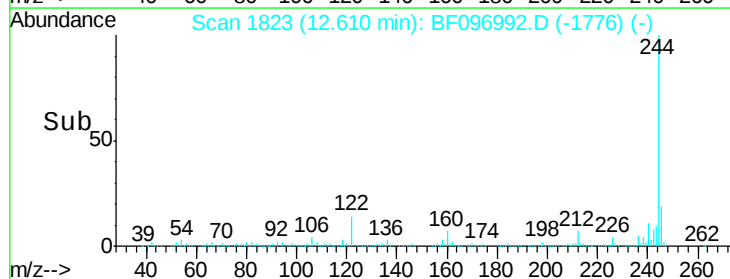
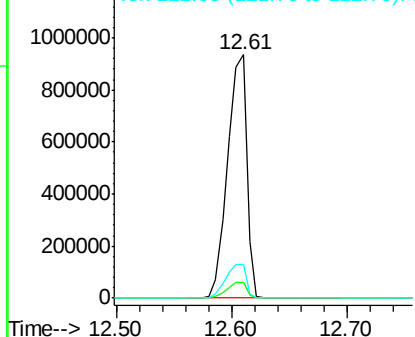


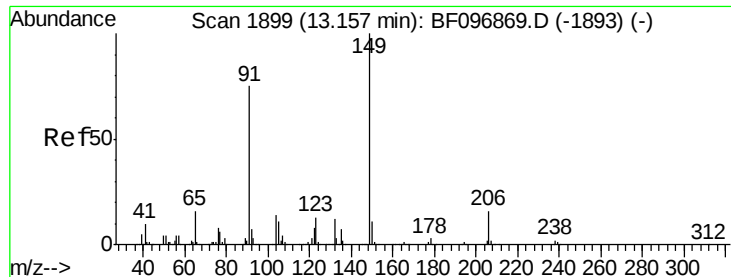
#78
Terphenyl-d14
Concen: 63.94 ng
RT: 12.61 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

Tgt Ion:244 Resp: 1081812
Ion Ratio Lower Upper
244 100
212 6.6 6.0 9.0
122 13.6 10.3 15.5



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

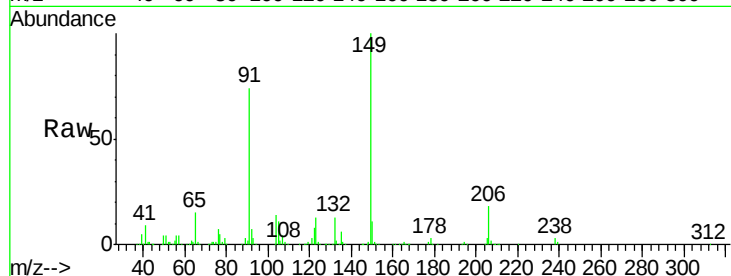




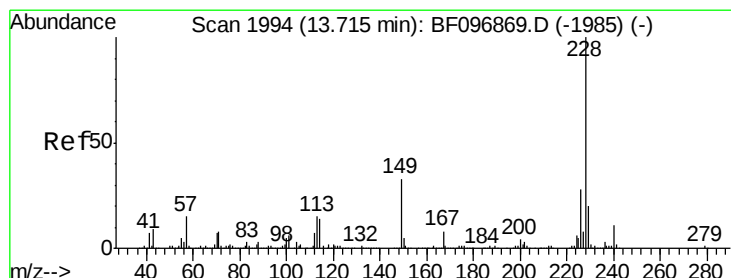
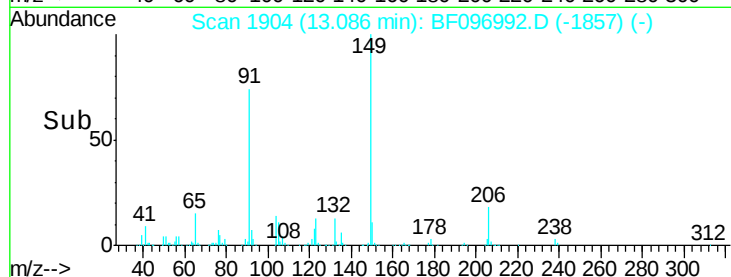
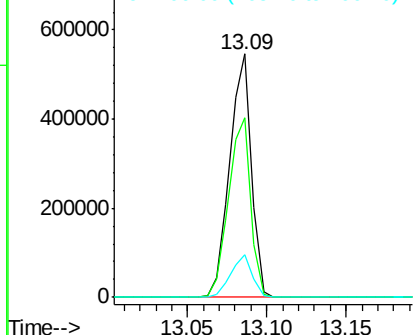
#79
Butylbenzylphthalate
Concen: 40.97 ng
RT: 13.09 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 518385
Ion Ratio Lower Upper
149 100
91 73.7 45.0 67.4#
206 17.5 17.0 25.6

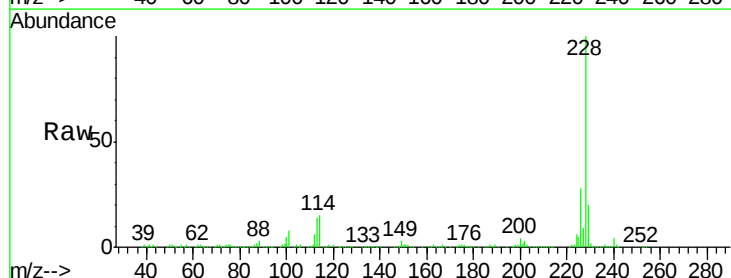


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

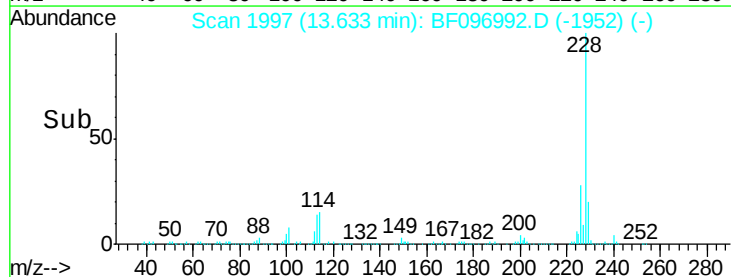
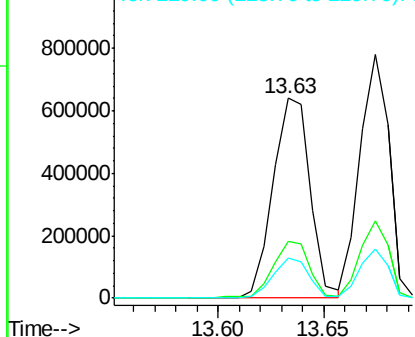


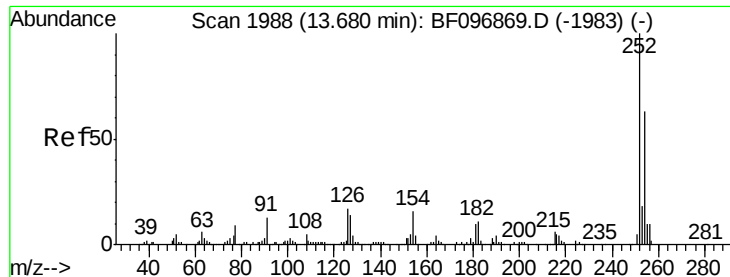
#80
Benzo(a)anthracene
Concen: 42.88 ng
RT: 13.63 min Scan# 1997
Delta R.T. -0.04 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

Tgt Ion:228 Resp: 783892
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.2 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

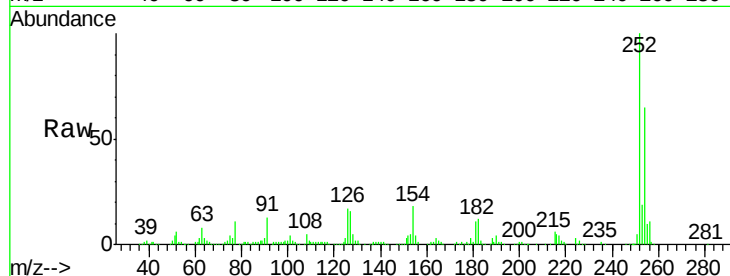




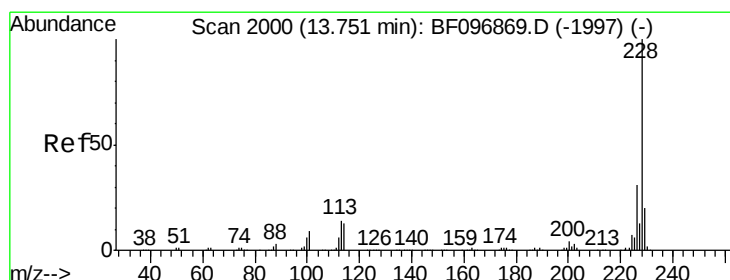
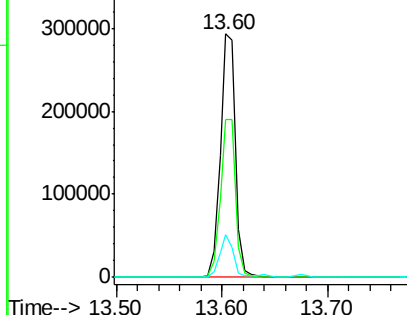
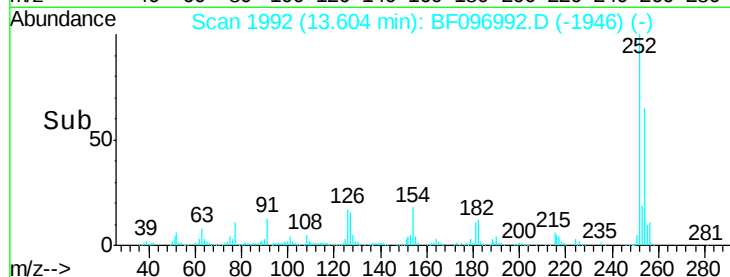
#81
 3,3'-Dichlorobenzidine
 Concen: 45.05 ng
 RT: 13.60 min Scan# 1992
 Delta R.T. -0.03 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.5	77.3
126	17.4	15.8	23.8

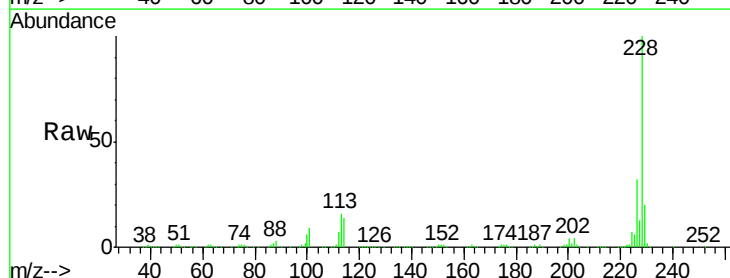


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

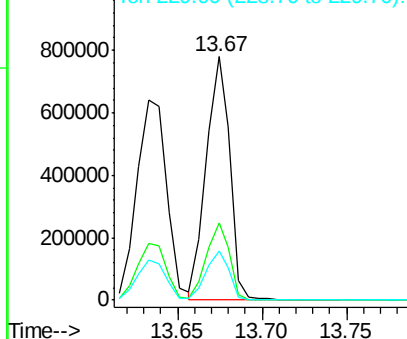
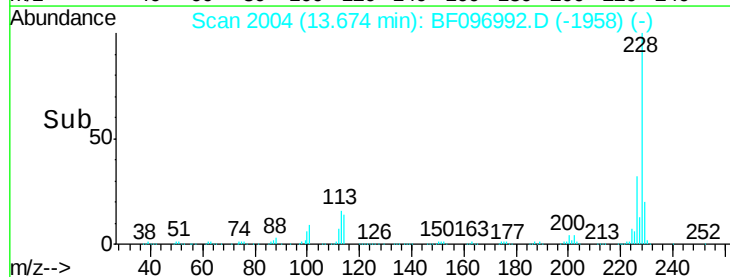


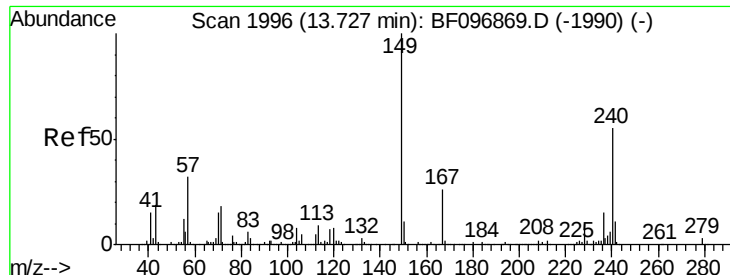
#82
 Chrysene
 Concen: 42.23 ng
 RT: 13.67 min Scan# 2004
 Delta R.T. -0.03 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	20.2	15.8	23.6



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

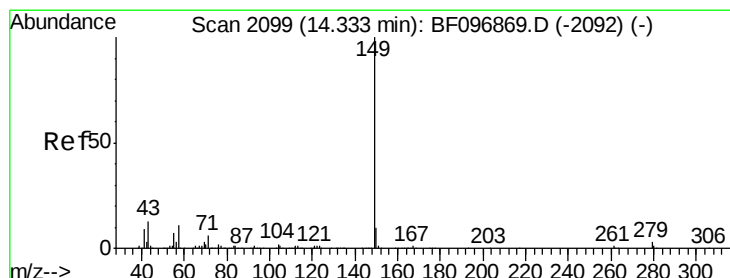
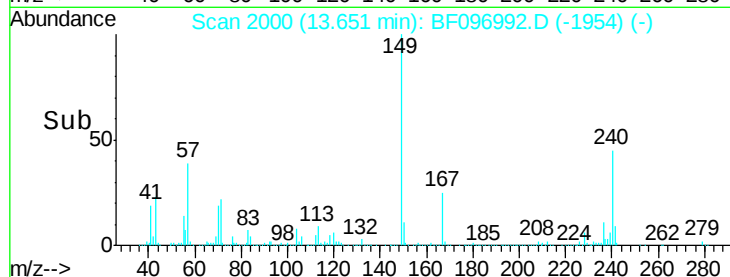
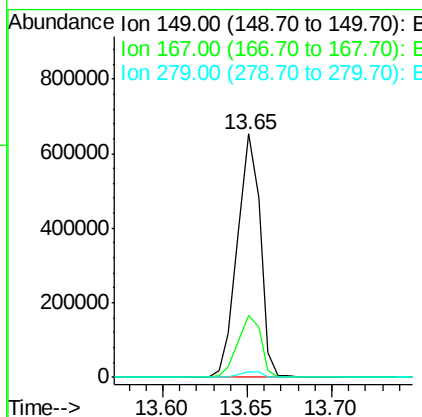
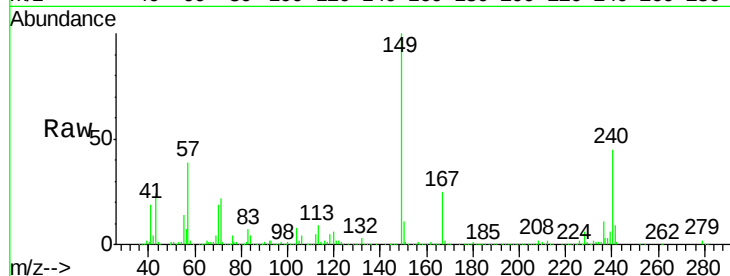




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.94 ng
 RT: 13.65 min Scan# 2000
 Delta R.T. -0.03 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

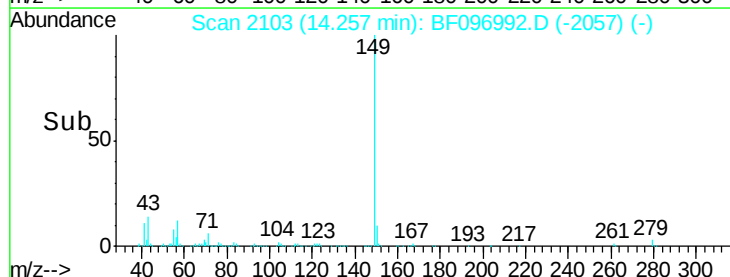
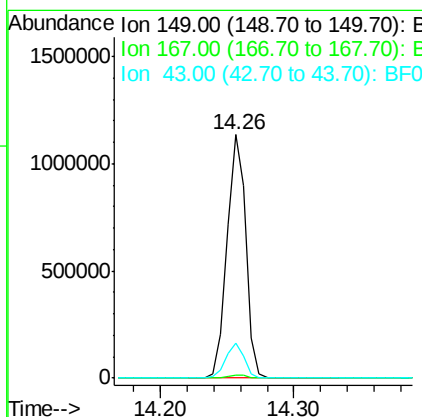
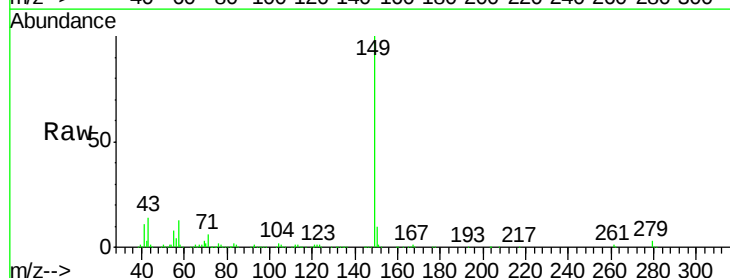
Instrument :
 BNA_F
 ClientSampleId :

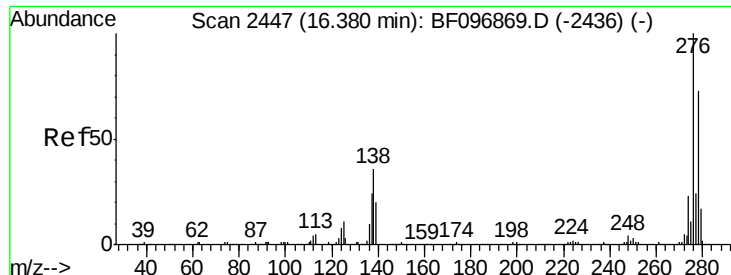
Tot Ion:149 Resp: 615458
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.0 31.4
 279 2.4 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 44.26 ng
 RT: 14.26 min Scan# 2103
 Delta R.T. -0.03 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

Tgt Ion:149 Resp: 1127388
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 13.9 8.5 12.7#

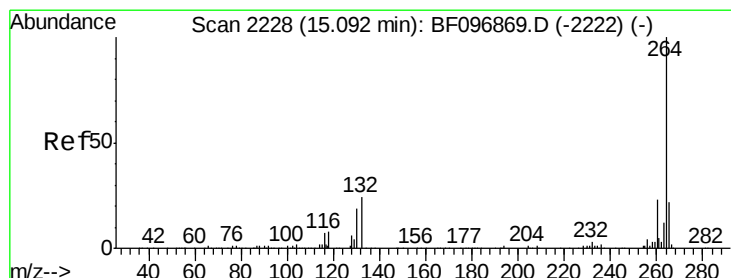
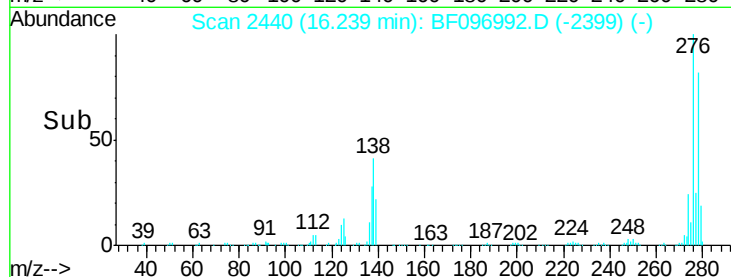
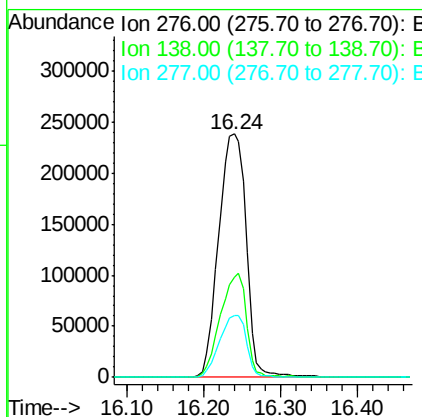
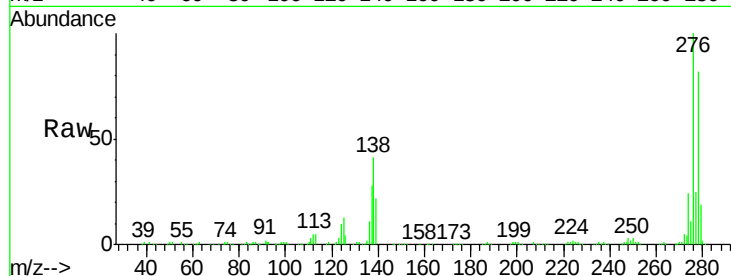




#85
Indeno(1,2,3-cd)pyrene
Concen: 35.97 ng
RT: 16.24 min Scan# 2440
Delta R.T. -0.06 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

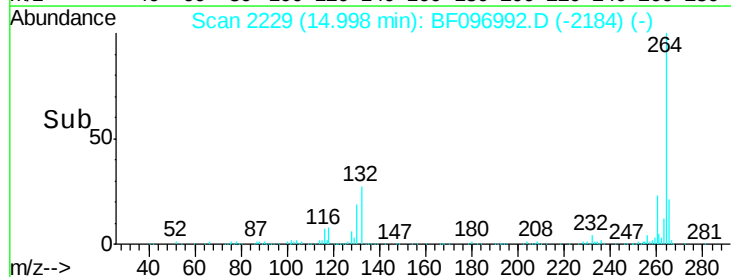
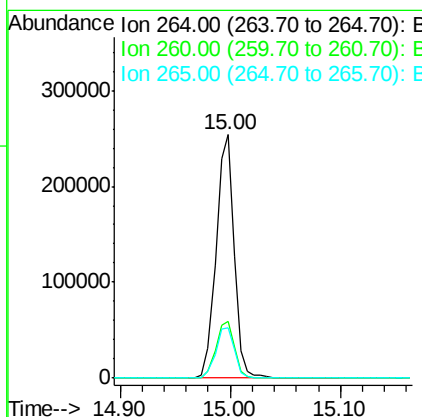
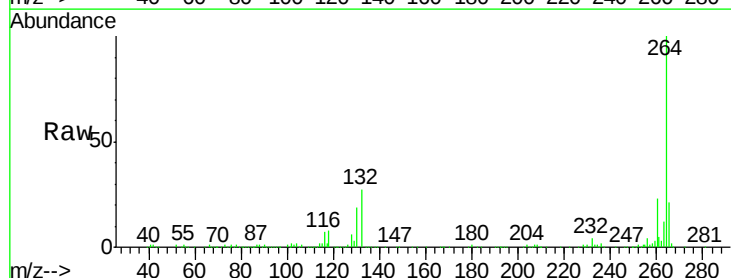
Instrument :
BNA_F
ClientSampleId :

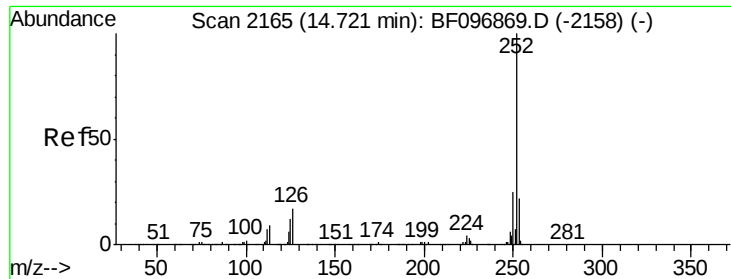
Tot Ion:276 Resp: 593492
Ion Ratio Lower Upper
276 100
138 40.6 27.8 41.6
277 24.9 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.00 min Scan# 2229
Delta R.T. -0.04 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

Tgt Ion:264 Resp: 286169
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 20.9 17.2 25.8

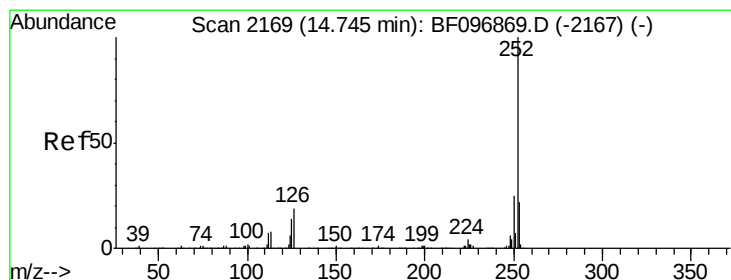
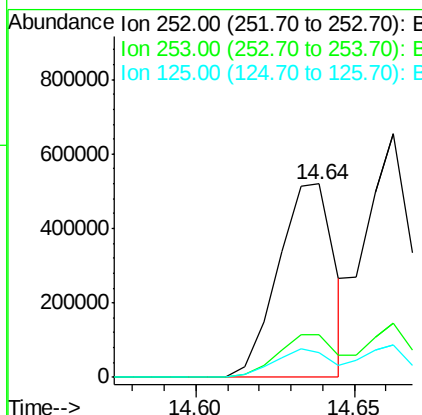
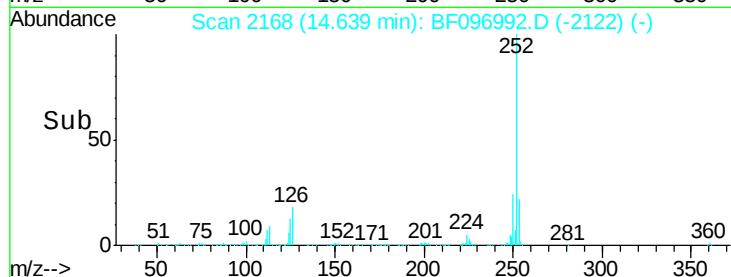
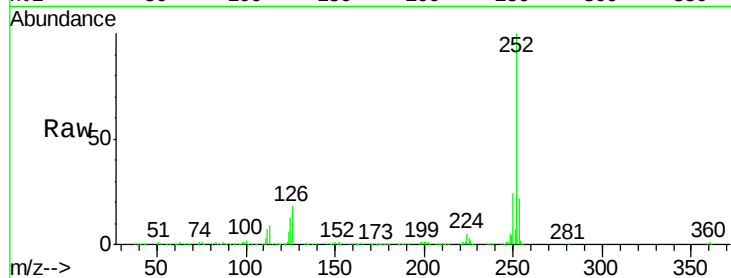




#87
Benzo(b)fluoranthene
Concen: 37.06 ng
RT: 14.64 min Scan# 2168
Delta R.T. -0.03 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

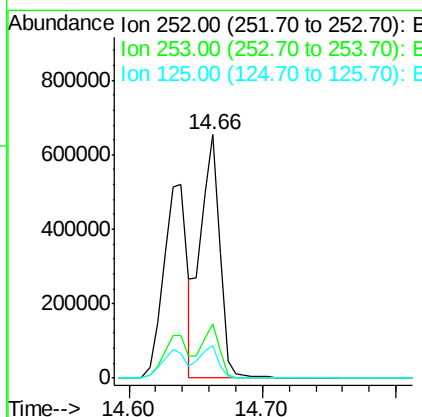
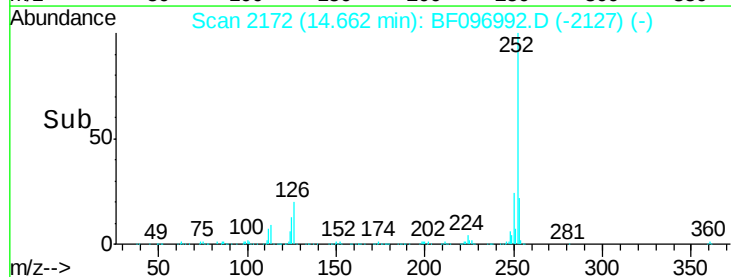
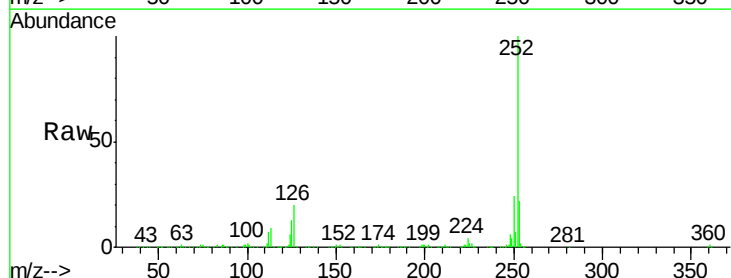
Instrument :
BNA_F
ClientSampleId :

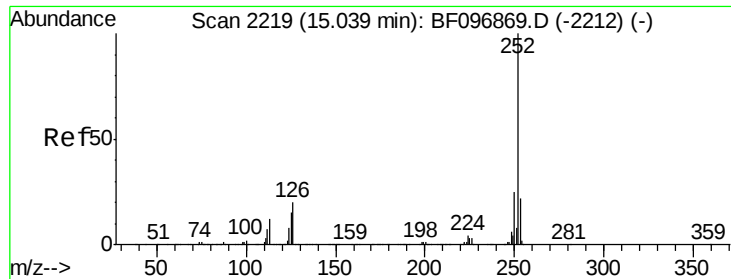
Tot Ion:252 Resp: 639665
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 13.1 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 39.72 ng
RT: 14.66 min Scan# 2172
Delta R.T. -0.04 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

Tgt Ion:252 Resp: 649163
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 13.5 13.1 19.7

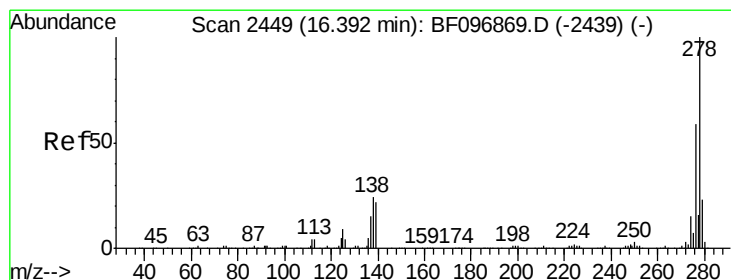
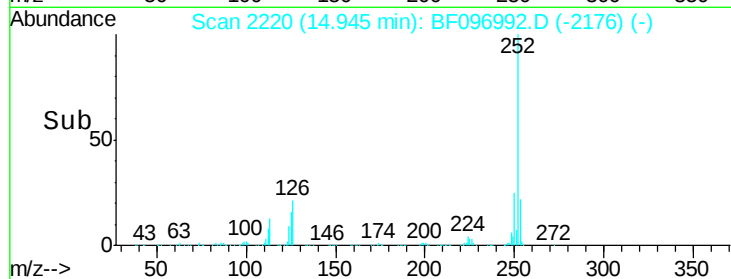
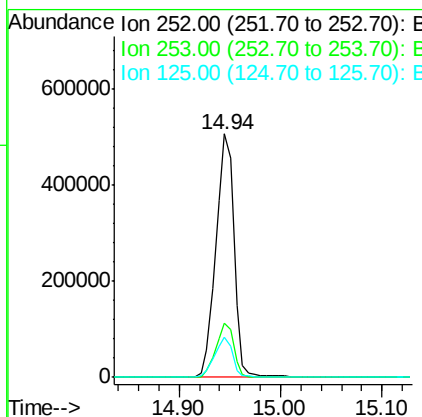
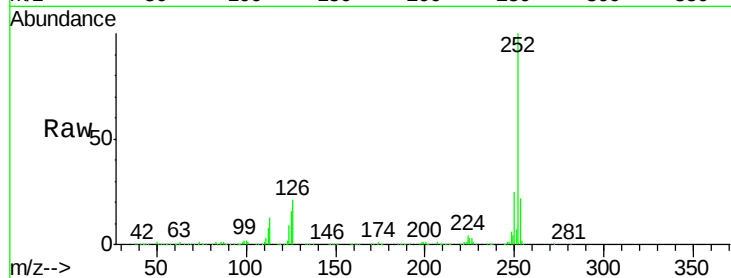




#89
Benzo(a)pyrene
Concen: 40.10 ng
RT: 14.94 min Scan# 2220
Delta R.T. -0.04 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

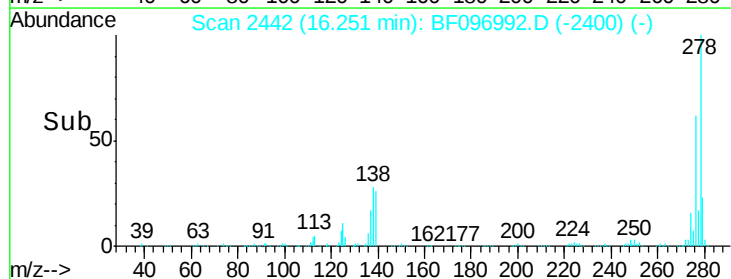
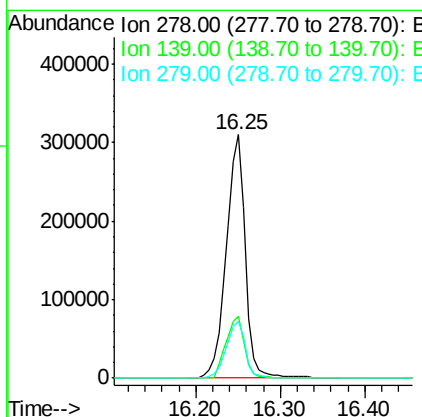
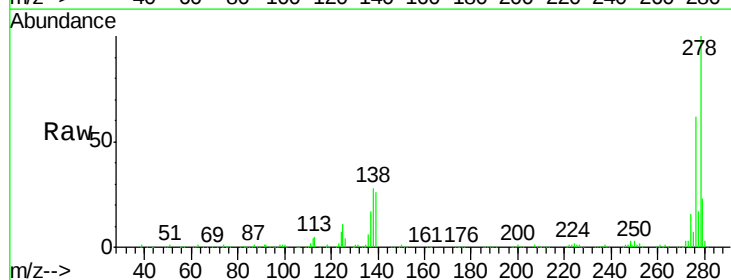
Instrument :
BNA_F
ClientSampleId :

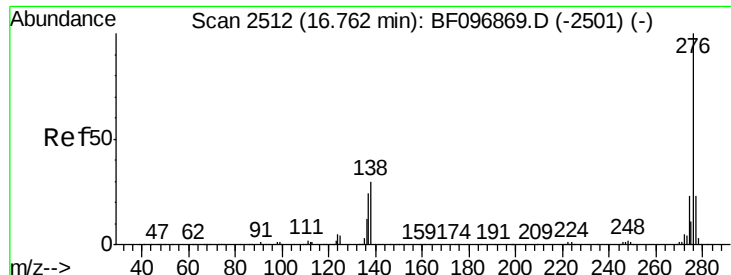
Tot Ion:252 Resp: 634843
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 16.4 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 33.00 ng
RT: 16.25 min Scan# 2442
Delta R.T. -0.05 min
Lab File: BF096992.D
Acq: 24 Jul 2017 18:32

Tgt Ion:278 Resp: 480735
Ion Ratio Lower Upper
278 100
139 25.6 16.6 24.8#
279 23.3 19.3 28.9

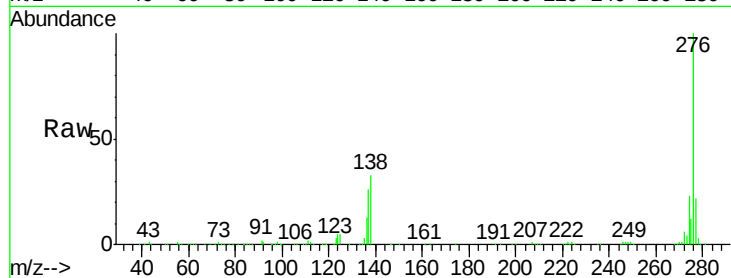




#91
 Benzo(a,h,i)perylene
 Concen: 32.15 ng
 RT: 16.61 min Scan# 2503
 Delta R.T. -0.06 min
 Lab File: BF096992.D
 Acq: 24 Jul 2017 18:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.6	28.0
138	33.0	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

