

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF097002.D
 Acq On : 24 Jul 2017 23:10
 Operator : SJ/JU
 Sample : I4360-11MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

Quant Time: Jul 25 01:46:05 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	122884	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	570786	20.00	ng	-0.03
38) Acenaphthene-d10	9.55	164	253259	20.00	ng	-0.03
63) Phenanthrene-d10	11.02	188	429834	20.00	ng	-0.03
75) Chrysene-d12	13.64	240	252044	20.00	ng	-0.04
86) Perylene-d12	14.99	264	229015	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1066598	130.51	ng	-0.02
7) Phenol-d6	6.19	99	1243198	126.76	ng	-0.03
23) Nitrobenzene-d5	7.09	82	821599	89.16	ng	-0.03
41) 2,4,6-Tribromophenol	10.34	330	238575	110.36	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	1231184	76.81	ng	-0.03
78) Terphenyl-d14	12.60	244	971906	66.87	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.12	88	145775	34.66	ng	# 76
4) n-Nitrosodimethylamine	2.69	42	250903	50.77	ng	84
6) Aniline	6.18	93	94228	7.80	ng	# 7
8) 2-Chlorophenol	6.31	128	391545	44.41	ng	97
9) Benzaldehyde	6.06	77	151189	26.67	ng	95
10) Phenol	6.20	94	506230	45.66	ng	95
11) bis(2-Chloroethyl)ether	6.26	93	387881	46.52	ng	91
12) 1,3-Dichlorobenzene	6.46	146	397440	42.41	ng	98
13) 1,4-Dichlorobenzene	6.53	146	407809	42.97	ng	95
14) 1,2-Dichlorobenzene	6.69	146	375048	43.45	ng	96
15) Benzyl Alcohol	6.67	79	297589	46.35	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.80	45	815354	47.39	ng	57
17) 2-Methylphenol	6.80	107	324894	47.39	ng	# 87
18) Hexachloroethane	7.03	117	158946	47.23	ng	# 82
19) n-Nitroso-di-n-propylamine	6.95	70	288747	48.87	ng	# 83
20) 3+4-Methylphenols	6.96	107	439198	52.79	ng	# 64
22) Acetophenone	6.93	105	572260	44.86	ng	# 98
24) Nitrobenzene	7.10	77	435266	45.67	ng	94
25) Isophorone	7.35	82	813149	47.43	ng	97
26) 2-Nitrophenol	7.42	139	237886	44.89	ng	# 87
27) 2,4-Dimethylphenol	7.48	122	383290	43.96	ng	96
28) bis(2-Chloroethoxy)methane	7.56	93	549687	47.45	ng	99
29) 2,4-Dichlorophenol	7.67	162	342758	43.43	ng	97
30) 1,2,4-Trichlorobenzene	7.75	180	316333	42.16	ng	98
31) Naphthalene	7.82	128	1186879	43.89	ng	99
32) Benzoic acid	7.59	122	80212	14.40	ng	90
33) 4-Chloroaniline	7.87	127	183443	17.12	ng	98
34) Hexachlorobutadiene	7.95	225	155729	38.88	ng	96
35) Caprolactam	8.26	113	22700	8.98	ng	# 64
36) 4-Chloro-3-methylphenol	8.38	107	372326	43.88	ng	88
37) 2-Methylnaphthalene	8.51	142	778954	45.19	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	256010	37.39	ng	98
40) Hexachlorocyclopentadiene	8.67	237	219012	84.74	ng	99
42) 2,4,6-Trichlorophenol	8.80	196	203631	40.32	ng	96

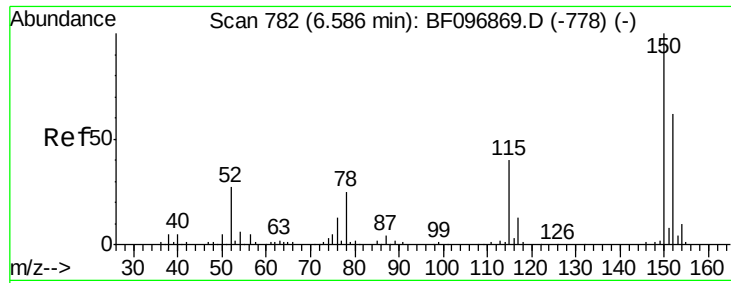
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.85	196	212316	41.69	nq	98
45) 1,1'-Biphenyl	8.97	154	855024	39.36	nq	97
46) 2-Chloronaphthalene	9.00	162	669352	41.85	nq	# 93
47) 2-Nitroaniline	9.10	65	288237	52.43	nq	95
48) Acenaphthylene	9.41	152	1056655	41.46	nq	98
49) Dimethylphthalate	9.29	163	1043915	54.74	nq	98
50) 2,6-Dinitrotoluene	9.35	165	184736	44.73	nq	# 73
51) Acenaphthene	9.58	154	616774	40.97	nq	99
52) 3-Nitroaniline	9.51	138	163945	33.51	nq	96
53) 2,4-Dinitrophenol	9.63	184	130469	65.16	nq	# 78
54) Dibenzofuran	9.75	168	869076	41.20	nq	96
55) 4-Nitrophenol	9.70	139	289111	80.87	nq	# 59
56) 2,4-Dinitrotoluene	9.75	165	212085	39.96	nq	# 54
57) Fluorene	10.09	166	644430	41.34	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	166414	47.11	nq	96
59) Diethylphthalate	9.99	149	803213	43.27	nq	99
60) 4-Chlorophenyl-phenylether	10.09	204	263570	39.50	nq	99
61) 4-Nitroaniline	10.13	138	216103	47.03	nq	91
62) Azobenzene	10.25	77	825006	50.38	nq	92
64) 4,6-Dinitro-2-methylphenol	10.16	198	120226	44.55	nq	89
65) n-Nitrosodiphenylamine	10.21	169	610111	39.71	nq	99
66) 4-Bromophenyl-phenylether	10.57	248	177560	40.46	nq	98
67) Hexachlorobenzene	10.64	284	184692	37.79	nq	# 86
68) Atrazine	10.75	200	150772	34.44	nq	94
69) Pentachlorophenol	10.84	266	163026	69.04	nq	99
70) Phenanthrene	11.05	178	983869	42.10	nq	100
71) Anthracene	11.10	178	1022577	43.27	nq	99
72) Carbazole	11.26	167	1015824	44.39	nq	100
73) Di-n-butylphthalate	11.60	149	1237599	43.43	nq	99
74) Fluoranthene	12.23	202	986972	44.12	nq	99
77) Pyrene	12.45	202	1024734	44.80	nq	99
79) Butylbenzylphthalate	13.09	149	510229	46.95	nq	# 81
80) Benzo(a)anthracene	13.63	228	746694	47.55	nq	99
81) 3,3'-Dichlorobenzidine	13.60	252	109465	19.38	nq	99
82) Chrysene	13.67	228	713774	46.17	nq	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	616856	46.61	nq	99
84) Di-n-octyl phthalate	14.26	149	1119169	51.15	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.23	276	561236	39.09	nq	97
87) Benzo(b)fluoranthene	14.63	252	609725	44.14	nq	97
88) Benzo(k)fluoranthene	14.63	252	609725	46.62	nq	96
89) Benzo(a)pyrene	14.94	252	560201	44.22	nq	98
90) Dibenzo(a,h)anthracene	16.24	278	445231	38.20	nq	95
91) Benzo(g,h,i)perylene	16.60	276	494893	39.65	nq	96

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

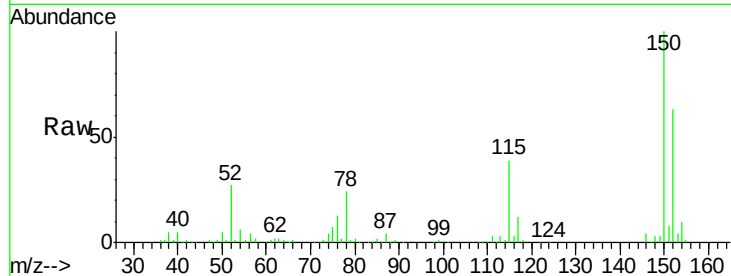


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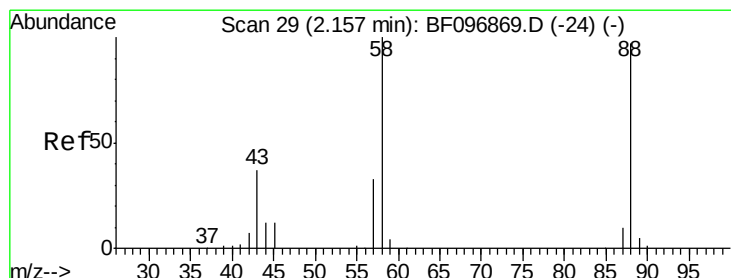
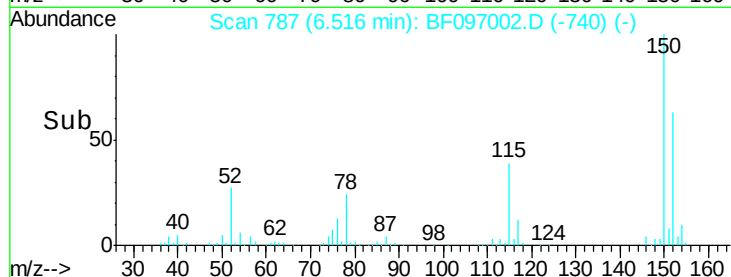
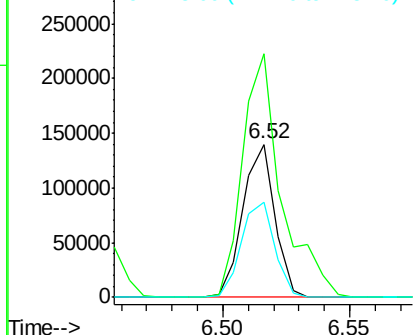
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

Tot Ion:152 Resp: 122884
Ion Ratio Lower Upper
152 100
150 159.4 126.2 189.2
115 62.3 52.2 78.2



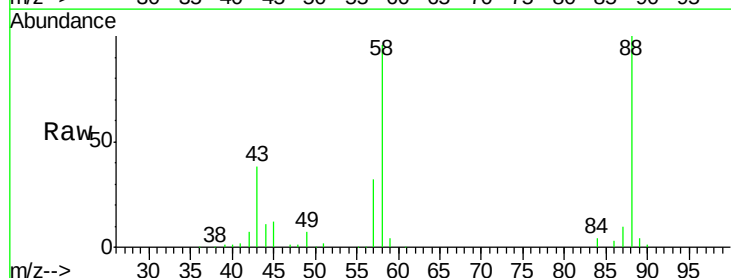
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



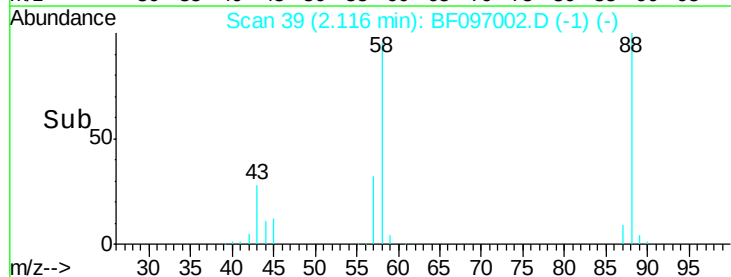
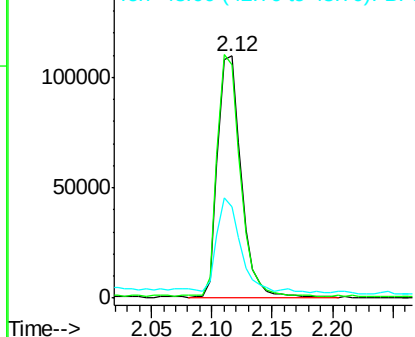
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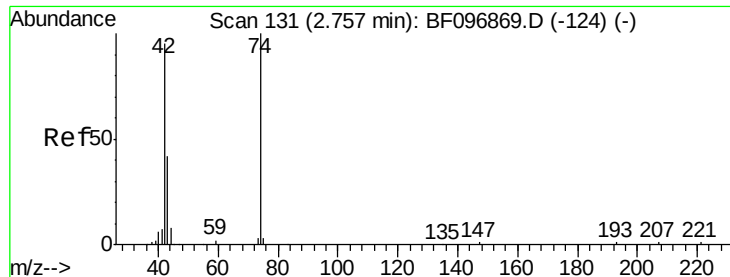
1,4-Dioxane
Concen: 34.66 ng
RT: 2.12 min Scan# 39
Delta R.T. 0.02 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion: 88 Resp: 145775
Ion Ratio Lower Upper
88 100
58 99.1 61.4 92.0#
43 40.1 23.4 35.0#



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



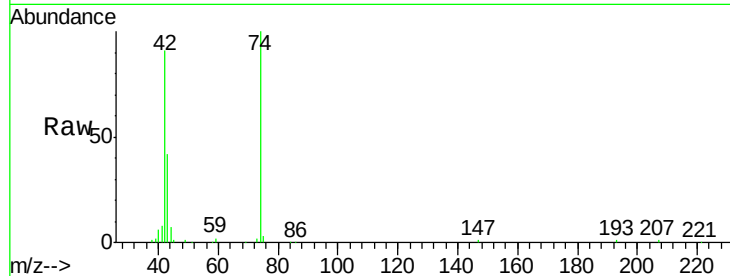


#4

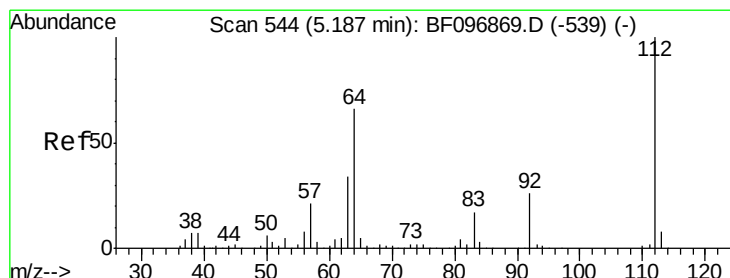
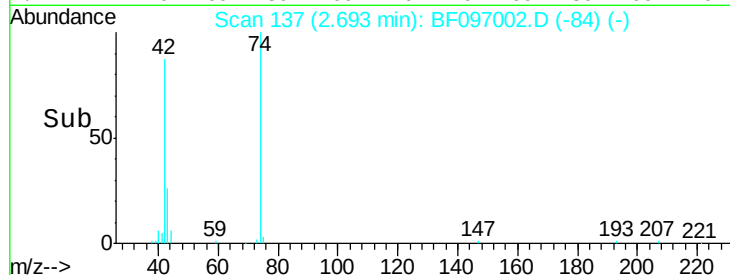
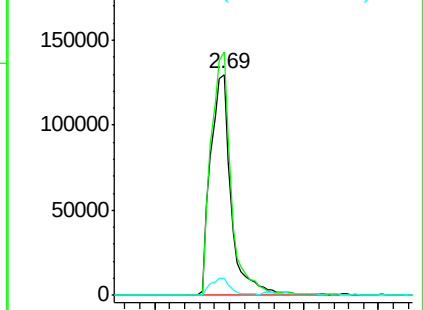
n-Nitrosodimethylamine
 Concen: 50.77 ng
 RT: 2.69 min Scan# 137
 Delta R.T. 0.01 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

Tot Ion: 42 Resp: 250903
 Ion Ratio Lower Upper
 42 100
 74 110.2 103.9 155.9
 44 7.5 5.7 8.5



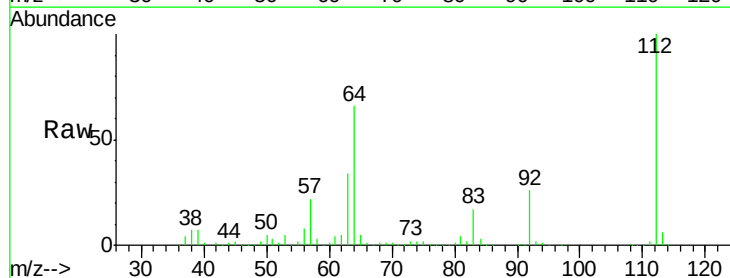
Abundance Ion 42.00 (41.70 to 42.70): BF0
 Ion 74.00 (73.70 to 74.70): BF0
 Ion 44.00 (43.70 to 44.70): BF0



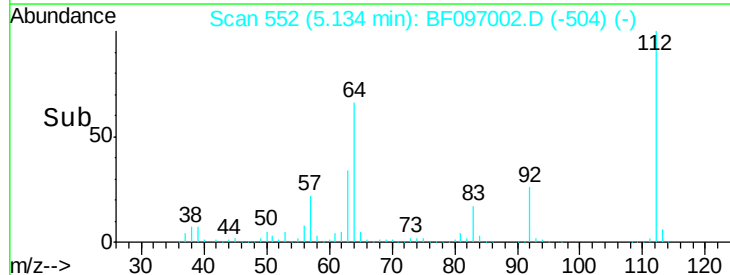
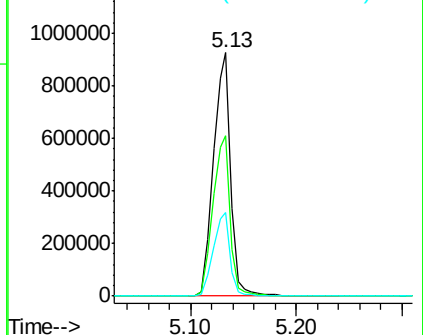
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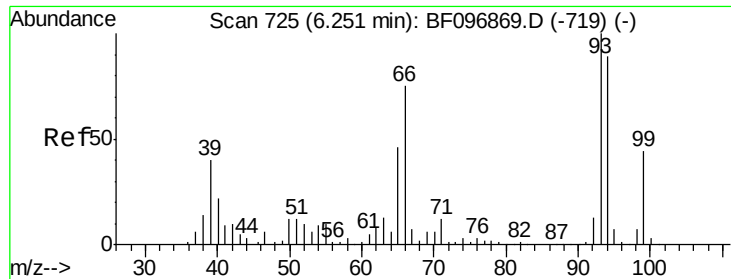
2-Fluorophenol
 Concen: 130.51 ng
 RT: 5.13 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion: 112 Resp: 1066598
 Ion Ratio Lower Upper
 112 100
 64 66.1 46.0 69.0
 63 34.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 7.80 ng

RT: 6.18 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Instrument :

BNA_F

ClientSampleId :

295-N-1-(0-2)MSD

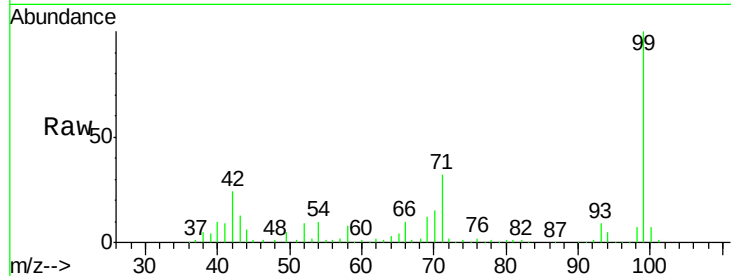
Tot Ion: 93 Resp: 94228

Ion Ratio Lower Upper

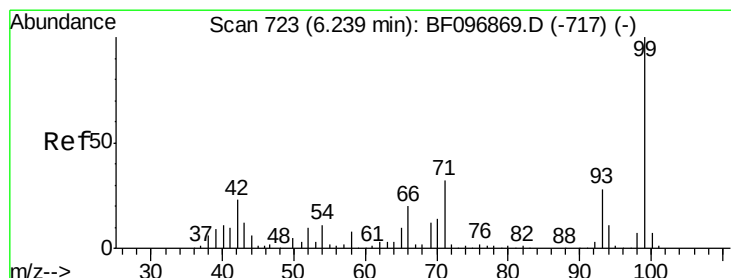
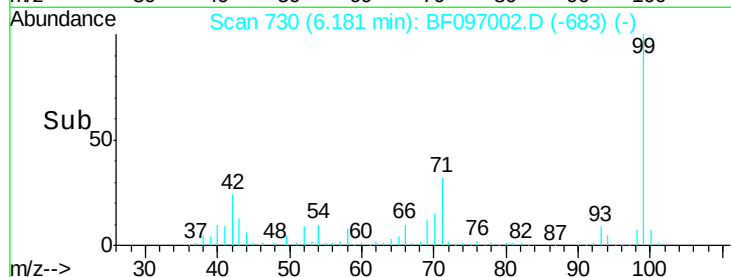
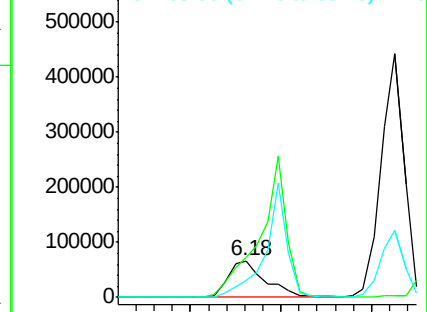
93 100

66 109.6 32.9 49.3#

65 47.0 16.0 24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 126.76 ng

RT: 6.19 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

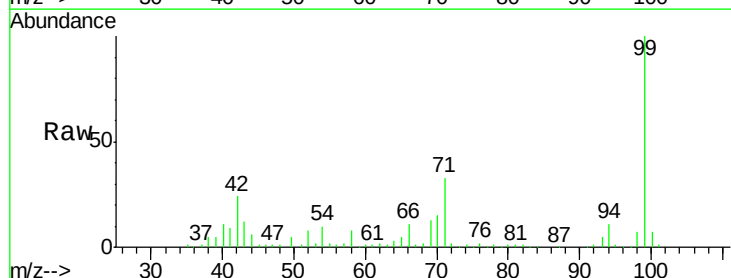
Tgt Ion: 99 Resp: 1243198

Ion Ratio Lower Upper

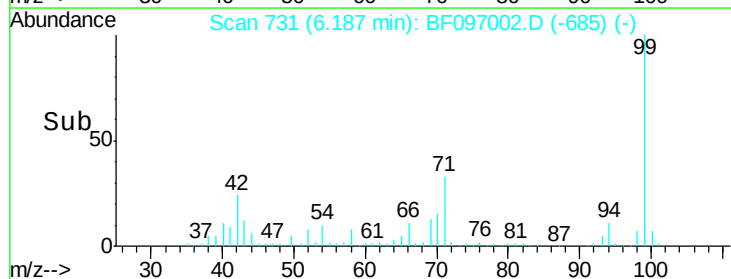
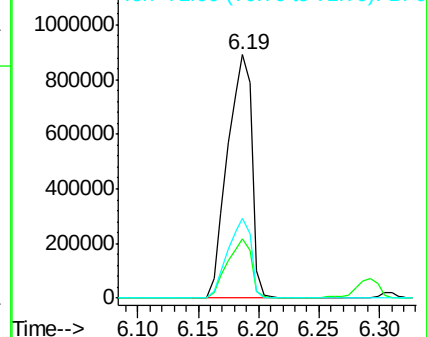
99 100

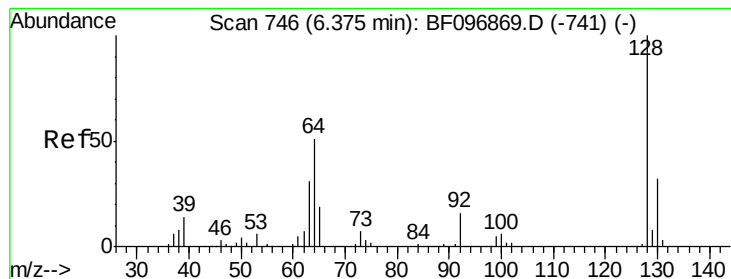
42 24.5 13.5 20.3#

71 32.5 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: 44.41 ng

RT: 6.31 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF097002.D

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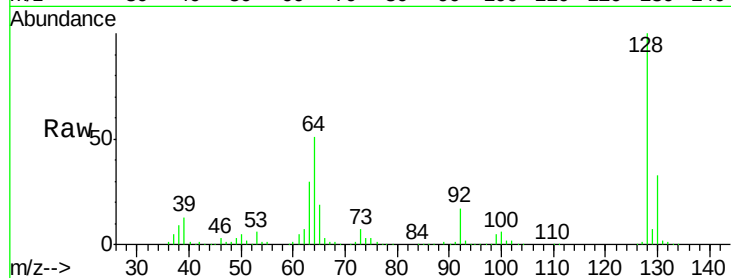
Tot Ion:128 Resp: 391545

Ion Ratio Lower Upper

128 100

130 33.3 12.9 52.9

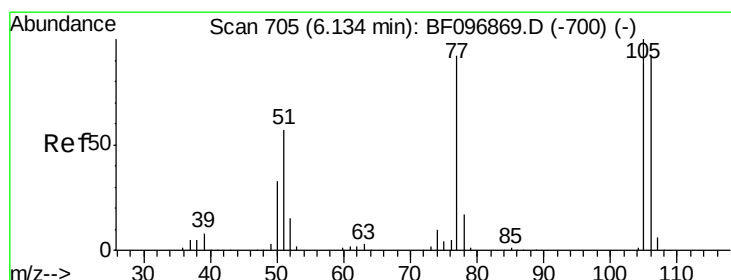
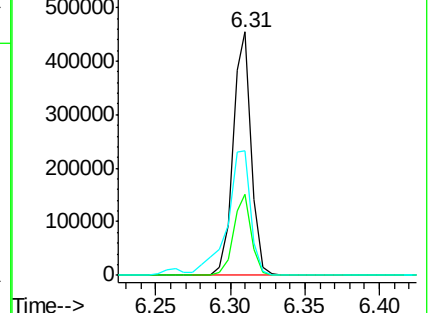
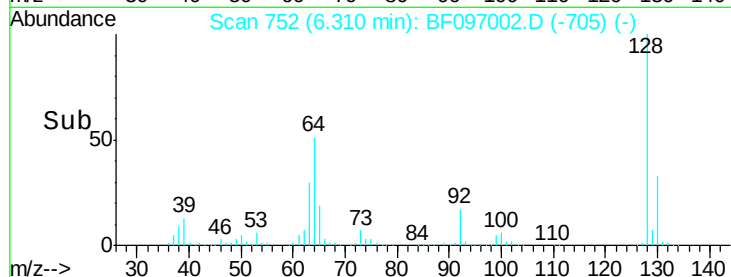
64 51.2 28.4 68.4



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: 26.67 ng

RT: 6.06 min Scan# 709

Delta R.T. -0.03 min

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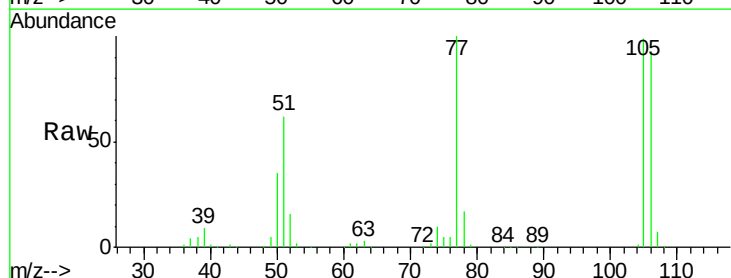
Tgt Ion: 77 Resp: 151189

Ion Ratio Lower Upper

77 100

105 99.3 83.8 123.8

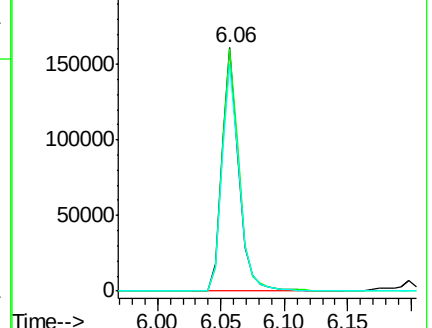
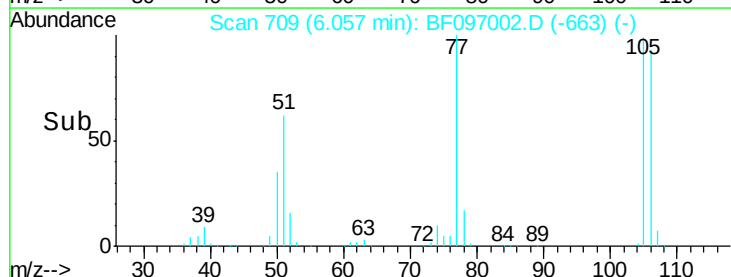
106 93.4 79.1 119.1

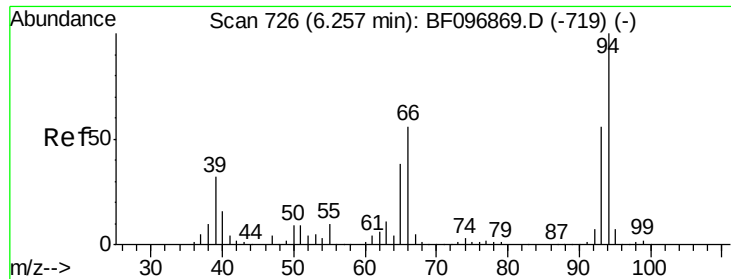


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 45.66 ng

RT: 6.20 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Instrument :

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295-N-1-(0-2)MSD

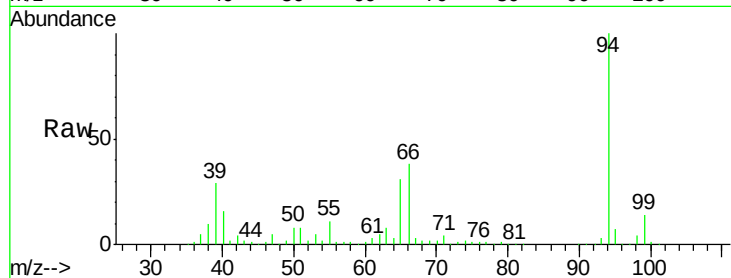
Tot Ion: 94 Resp: 506230

Ion Ratio Lower Upper

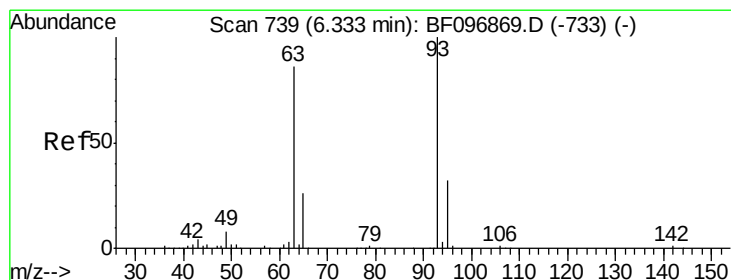
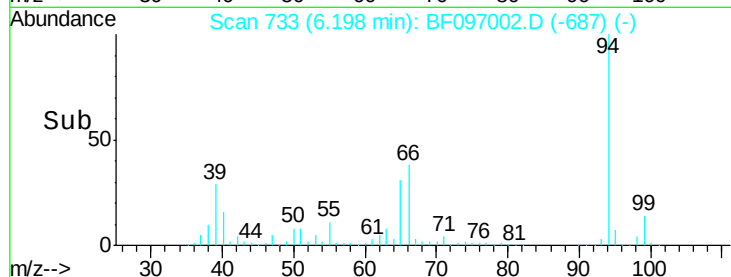
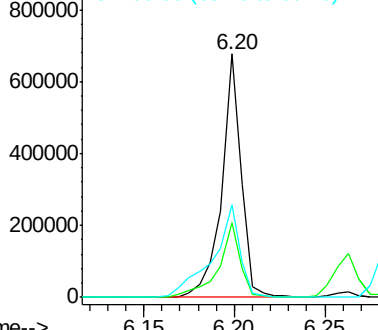
94 100

65 30.8 9.9 49.9

66 38.0 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: 46.52 ng

RT: 6.26 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

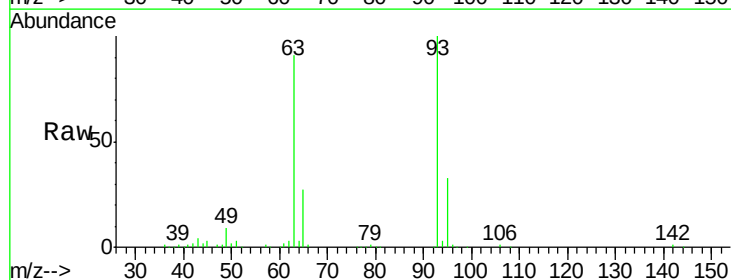
Tgt Ion: 93 Resp: 387881

Ion Ratio Lower Upper

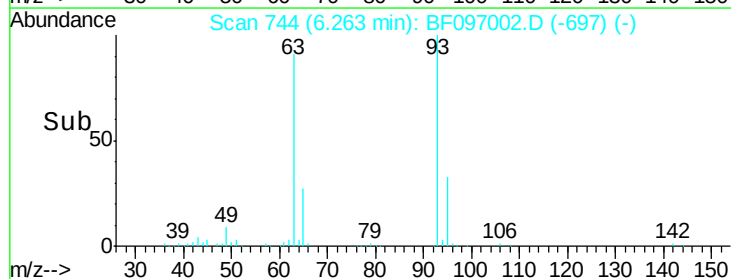
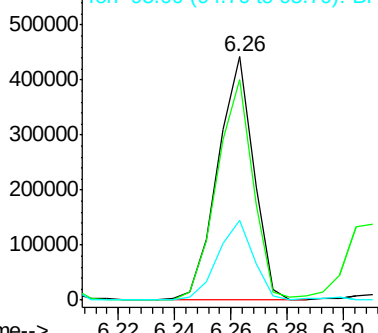
93 100

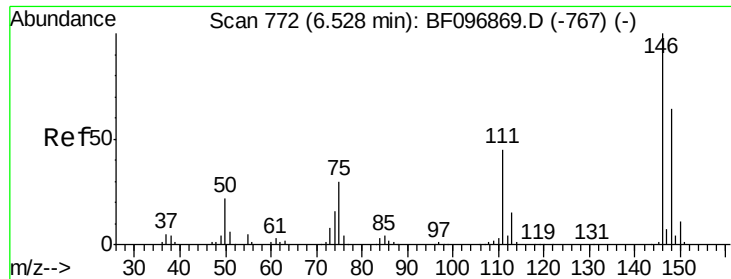
63 90.7 59.2 99.2

95 32.9 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 42.41 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Instrument :

BNA_F

ClientSampleId :

295-N-1-(0-2)MSD

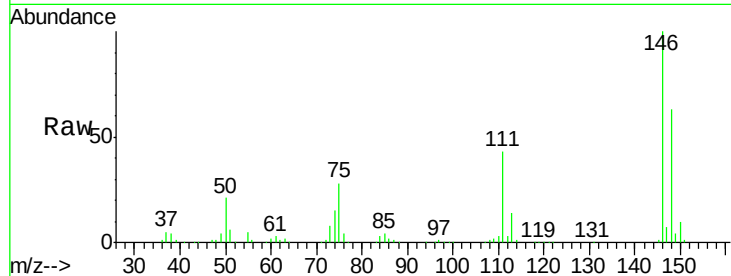
Tot Ion:146 Resp: 397440

Ion Ratio Lower Upper

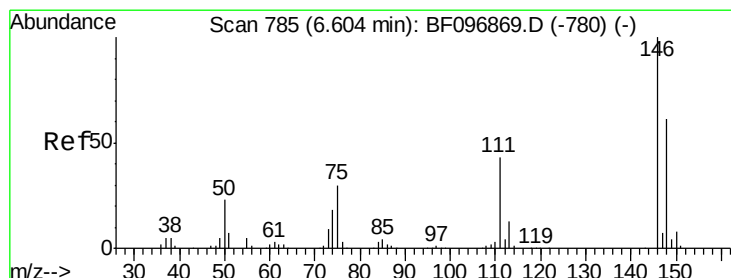
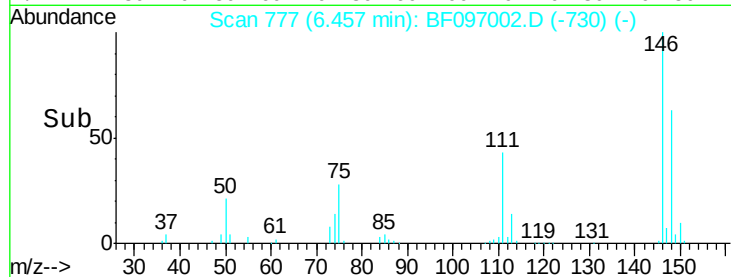
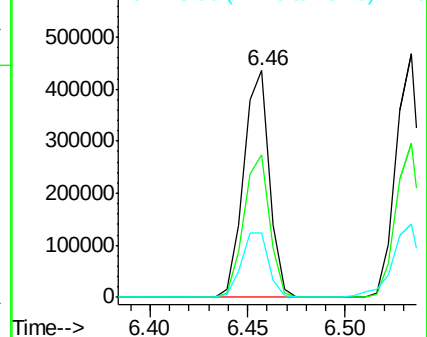
146 100

148 63.1 51.8 77.6

75 28.2 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 42.97 ng

RT: 6.53 min Scan# 790

Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

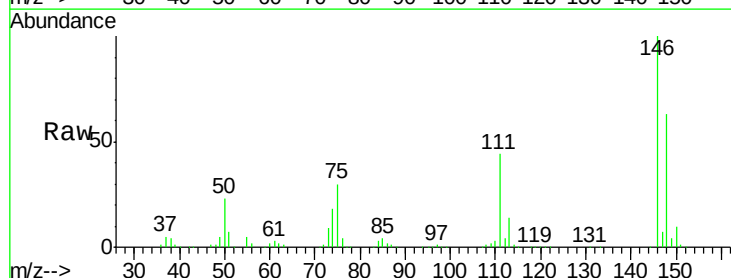
Tgt Ion:146 Resp: 407809

Ion Ratio Lower Upper

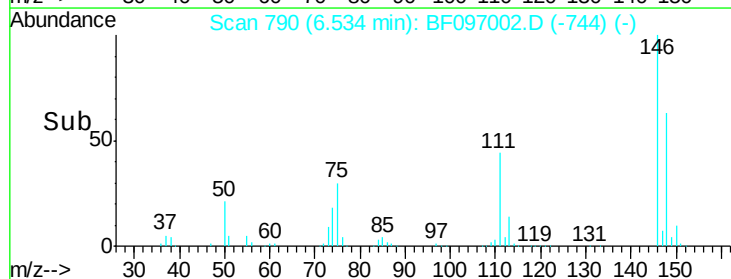
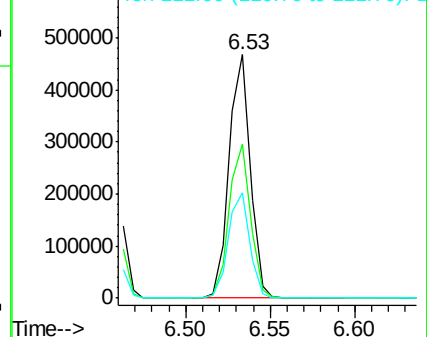
146 100

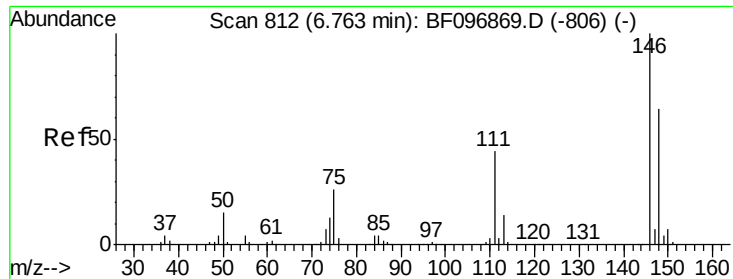
148 63.3 52.2 78.2

111 43.5 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

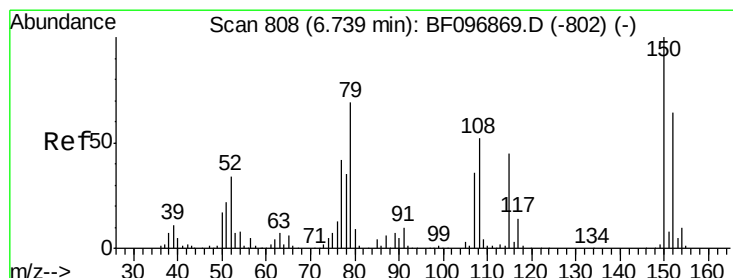
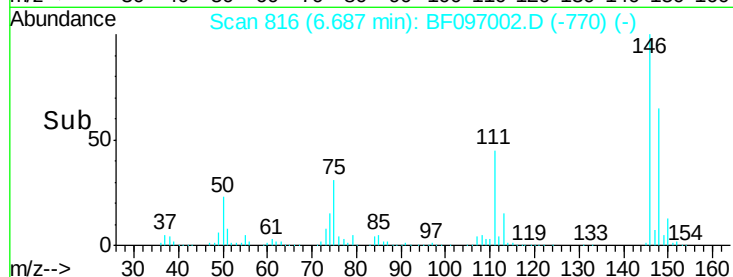
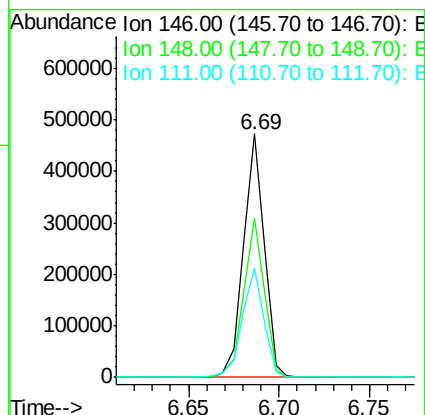
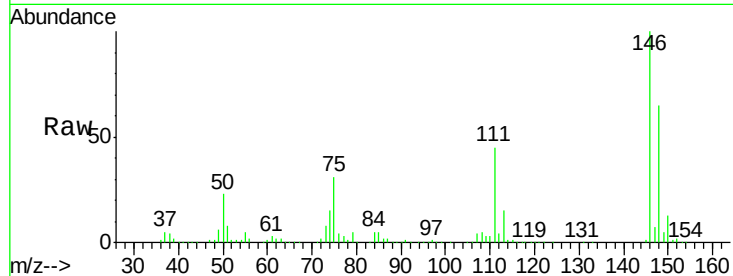




#14
 1,2-Dichlorobenzene
 Concen: 43.45 ng
 RT: 6.69 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

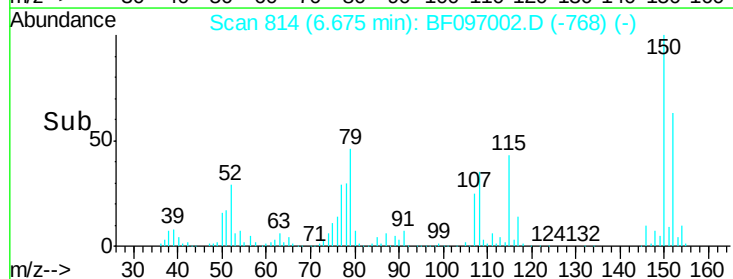
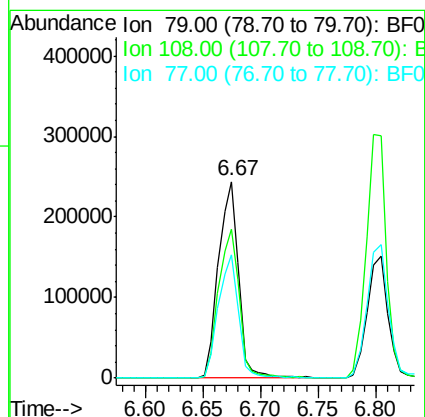
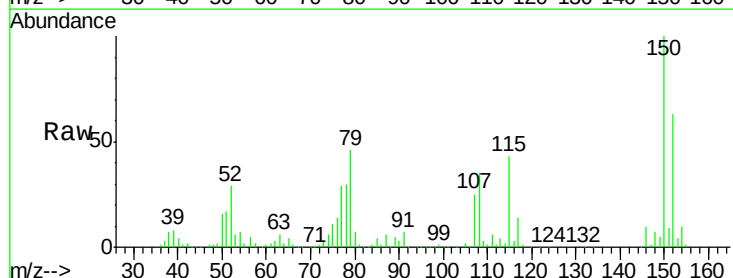
Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

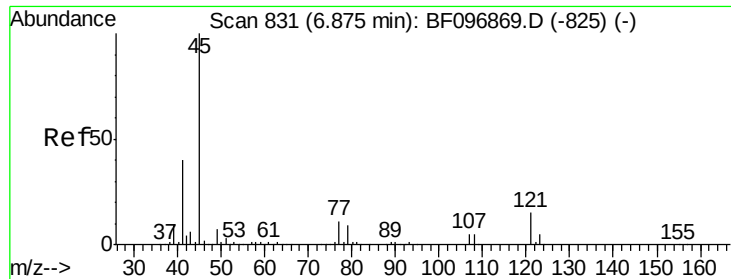
Tot Ion:146 Resp: 375048
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.4 75.6
 111 44.6 38.2 57.4



#15
 Benzyl Alcohol
 Concen: 46.35 ng
 RT: 6.67 min Scan# 814
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion: 79 Resp: 297589
 Ion Ratio Lower Upper
 79 100
 108 76.1 63.4 95.0
 77 62.5 49.2 73.8

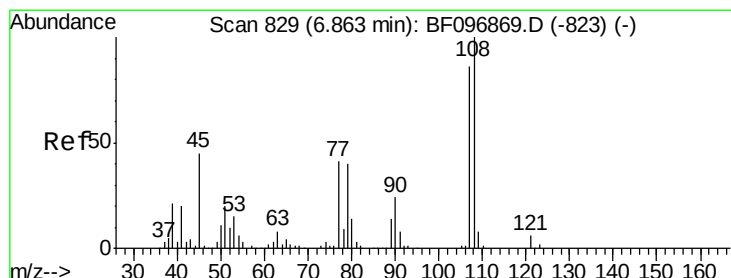
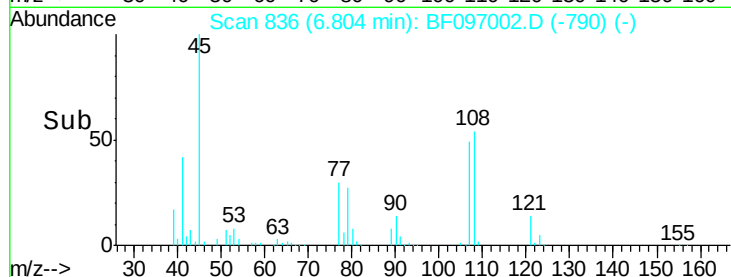
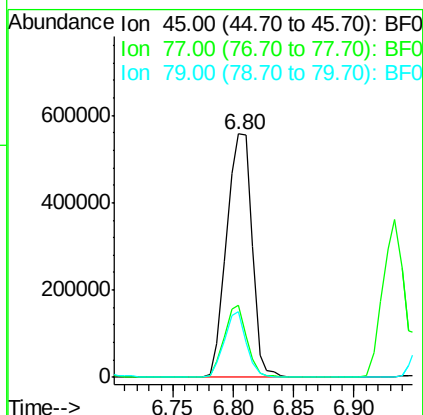
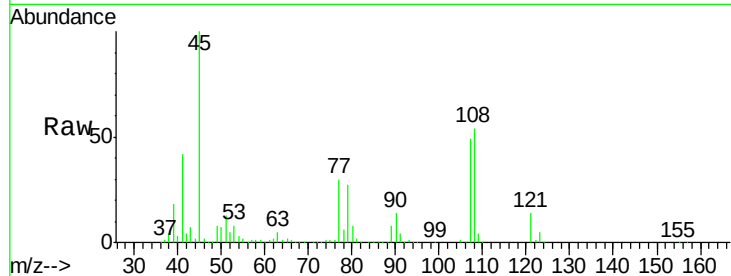




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 47.39 ng
RT: 6.80 min Scan# 836
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

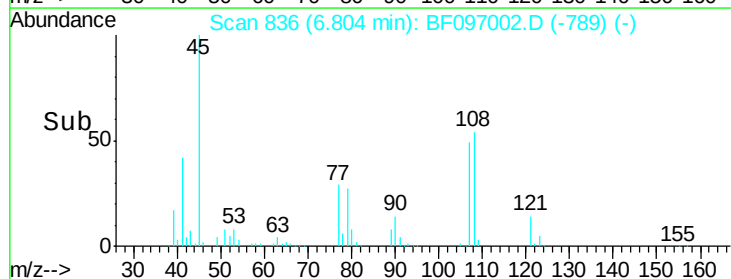
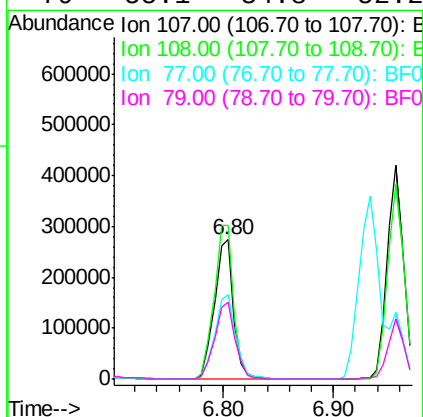
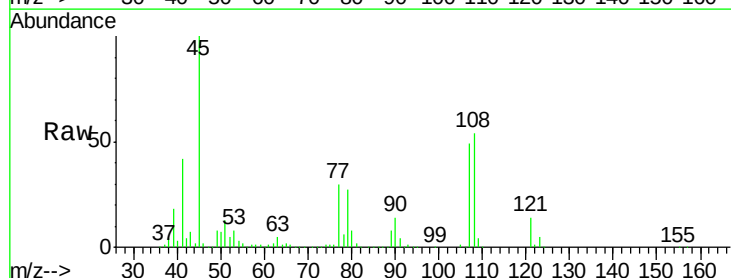
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

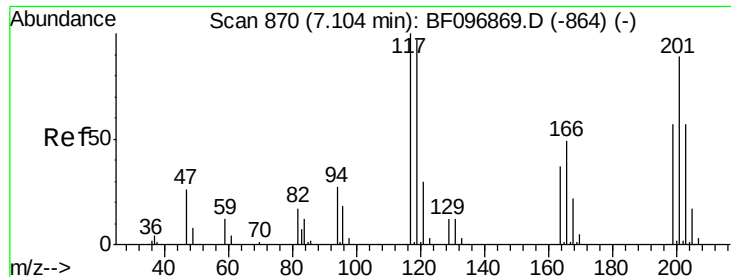
Tot Ion: 45 Resp: 815354
Ion Ratio Lower Upper
45 100
77 29.7 0.0 33.2
79 27.1 0.0 30.0



#17
2-Methylphenol
Concen: 47.39 ng
RT: 6.80 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion: 107 Resp: 324894
Ion Ratio Lower Upper
107 100
108 110.0 93.4 140.0
77 60.5 35.8 53.6#
79 55.1 34.8 52.2#

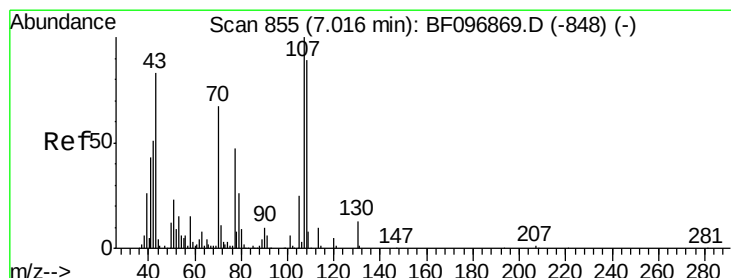
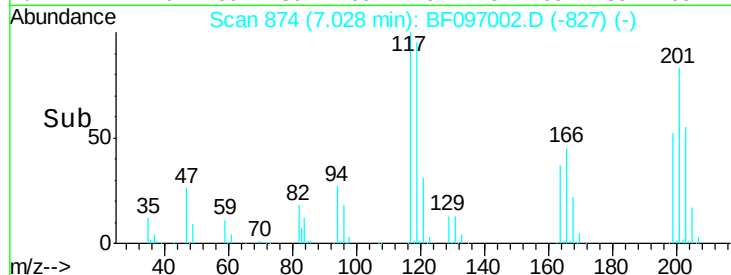
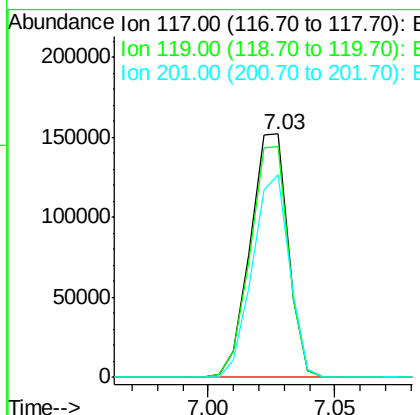
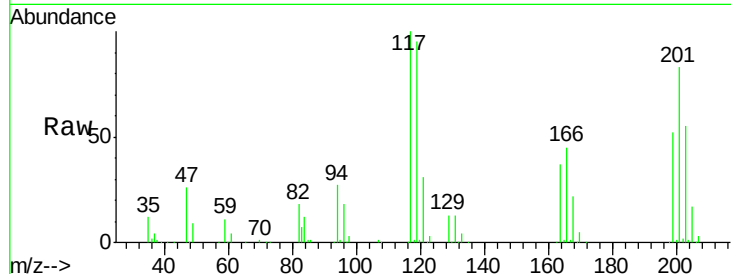




#18
Hexachloroethane
Concen: 47.23 ng
RT: 7.03 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

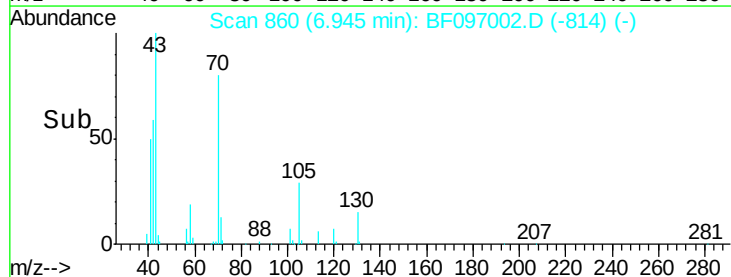
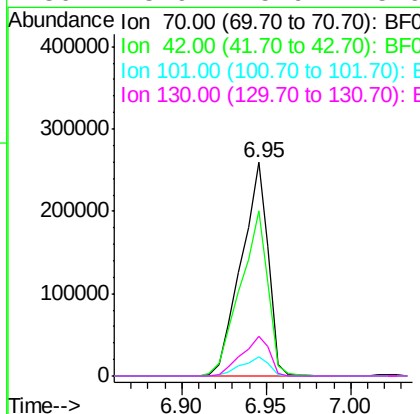
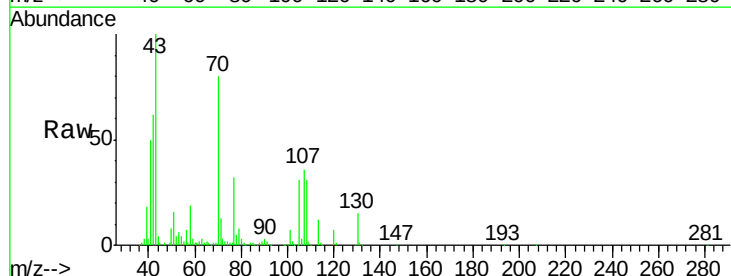
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

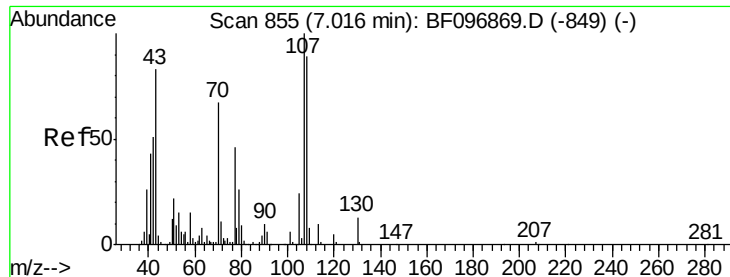
Tot Ion:117 Resp: 158946
Ion Ratio Lower Upper
117 100
119 94.8 77.4 116.0
201 83.1 94.6 141.8#



#19
n-Nitroso-di-n-propylamine
Concen: 48.87 ng
RT: 6.95 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion: 70 Resp: 288747
Ion Ratio Lower Upper
70 100
42 77.4 47.2 70.8#
101 8.9 7.2 10.8
130 18.9 15.9 23.9





#20

3+4-Methylphenols

Concen: 52.79 ng

RT: 6.96 min Scan# 862

Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

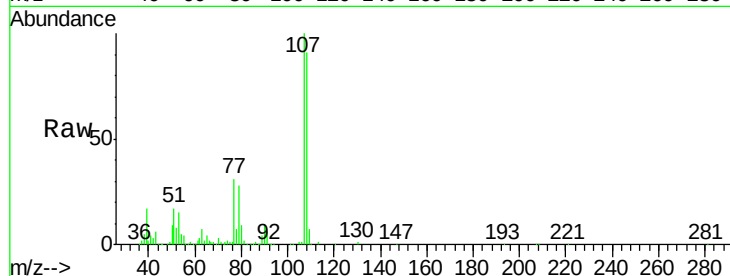
Instrument :

BNA_F

ClientSampleId :

295-N-1-(0-2)MSD

Tot Ion:107	Resp:	439198
Ion Ratio	Lower	Upper
107	100	
108	91.3	71.0 111.0
77	31.3	90.5 130.5#
79	28.3	8.4 48.4

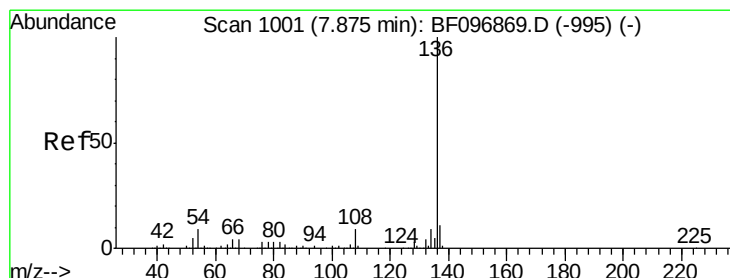
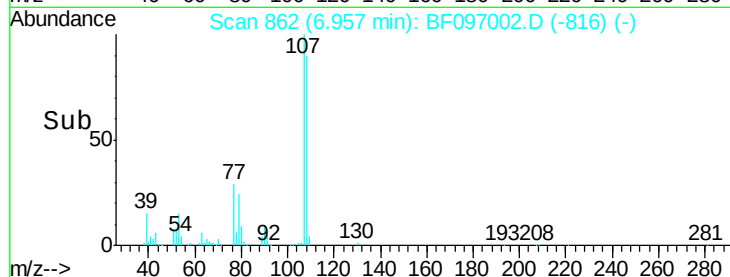
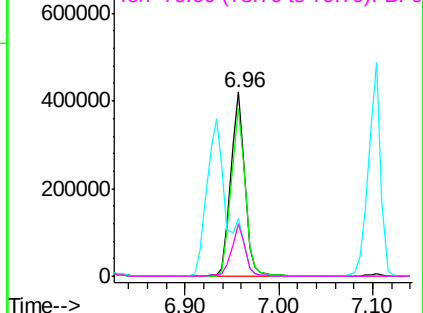


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

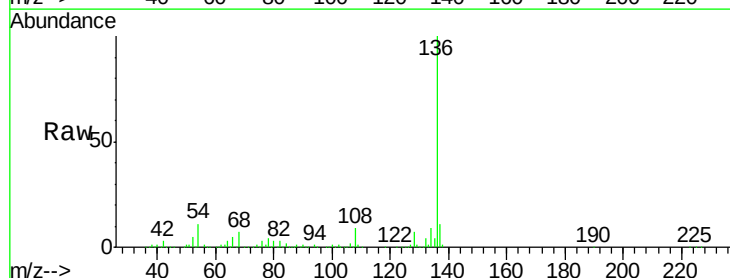
RT: 7.80 min Scan# 1005

Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Tgt Ion:136	Resp:	570786
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	11.1	4.9 7.3#
68	6.6	4.1 6.1#

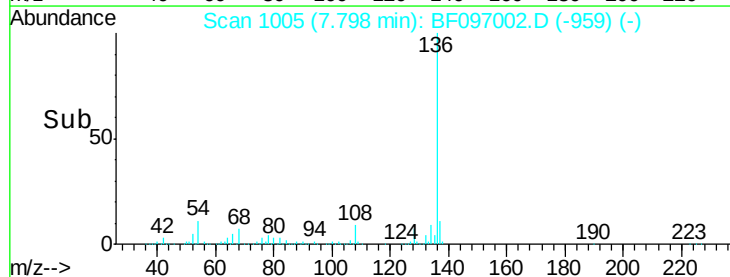
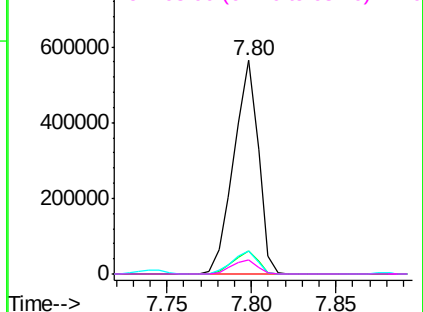


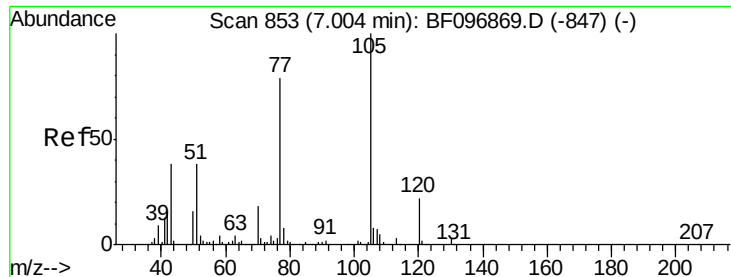
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 44.86 ng

RT: 6.93 min Scan# 858

Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Instrument :

BNA_F

ClientSampleId :

295-N-1-(0-2)MSD

Tot Ion:105 Resp: 572260

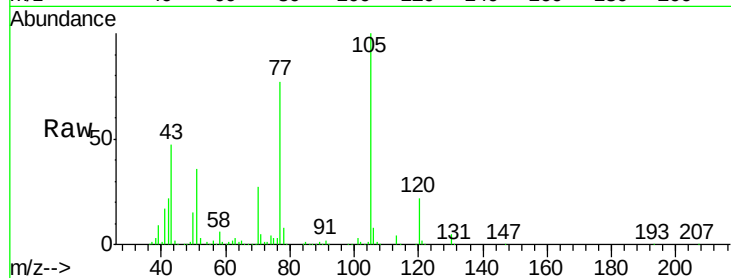
Ion Ratio Lower Upper

105 100

71 4.5 2.8 4.2#

51 36.3 30.7 46.1

120 21.8 17.4 26.0

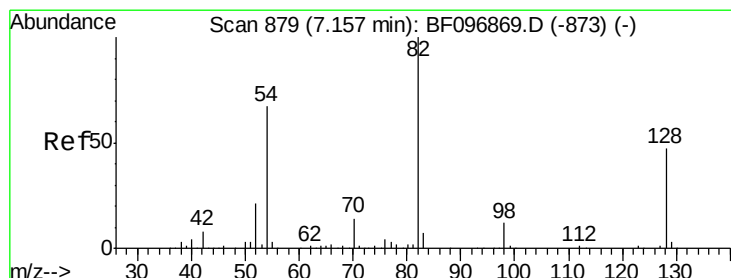
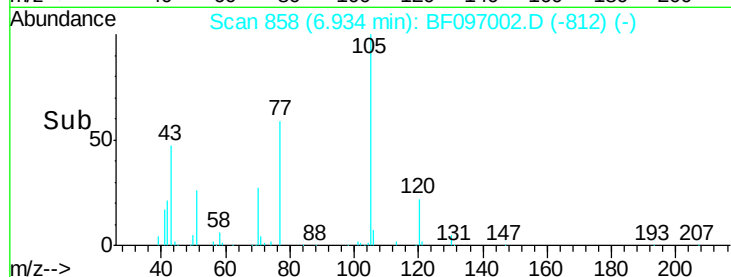
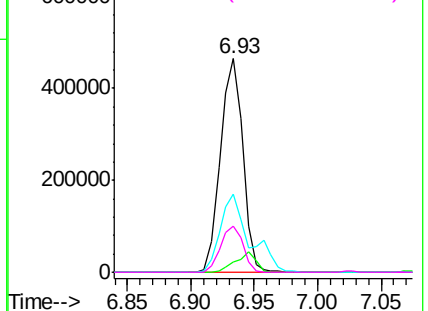


Abundance Ion 105.00 (104.70 to 105.70): E

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: 89.16 ng

RT: 7.09 min Scan# 884

Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

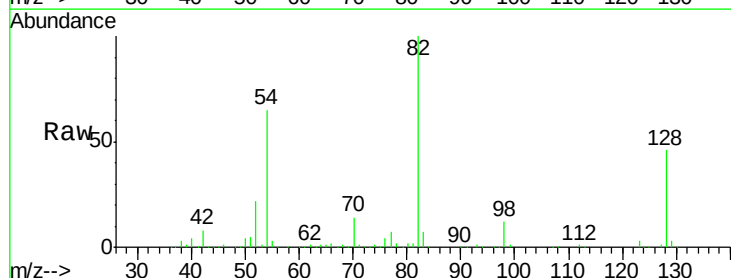
Tgt Ion: 82 Resp: 821599

Ion Ratio Lower Upper

82 100

128 45.6 34.0 51.0

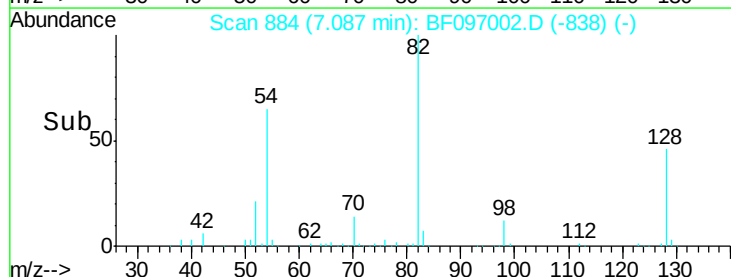
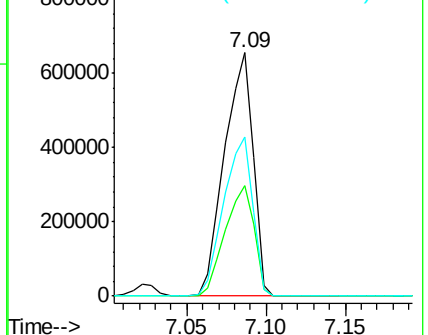
54 65.3 42.2 63.2#

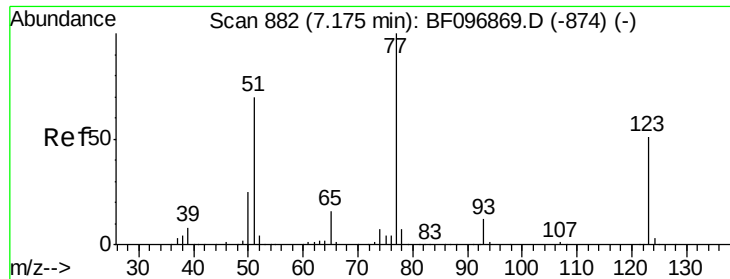


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 45.67 ng

RT: 7.10 min Scan# 887

Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Instrument :

BNA_F

ClientSampleId :

295-N-1-(0-2)MSD

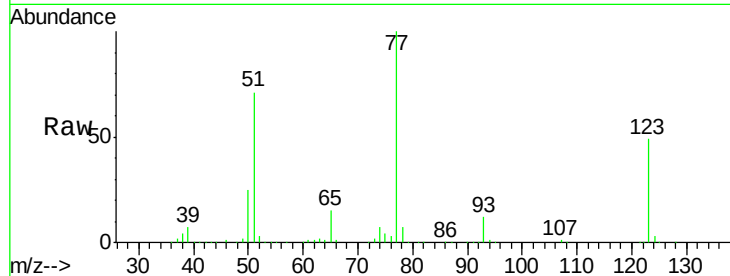
Tot Ion: 77 Resp: 435266

Ion Ratio Lower Upper

77 100

123 48.7 35.8 53.8

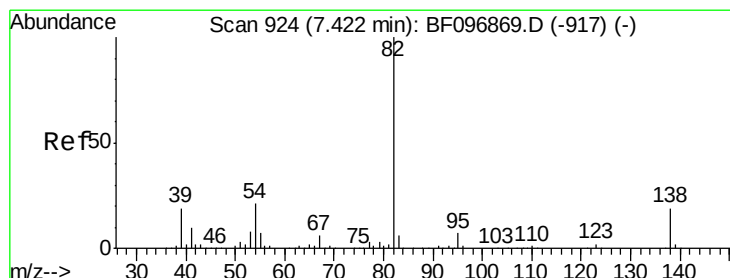
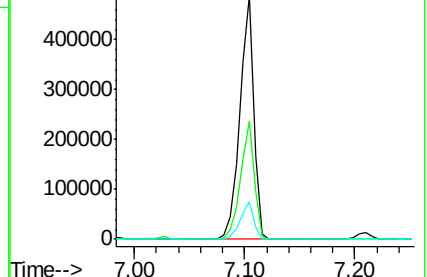
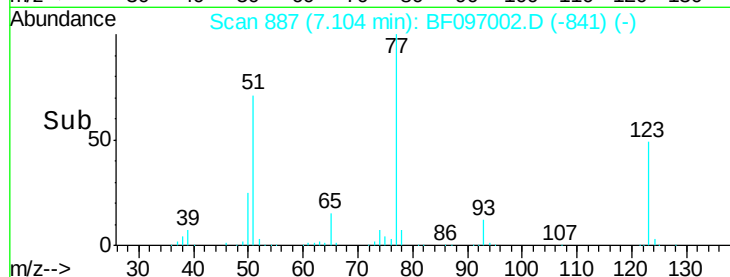
65 15.2 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 47.43 ng

RT: 7.35 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

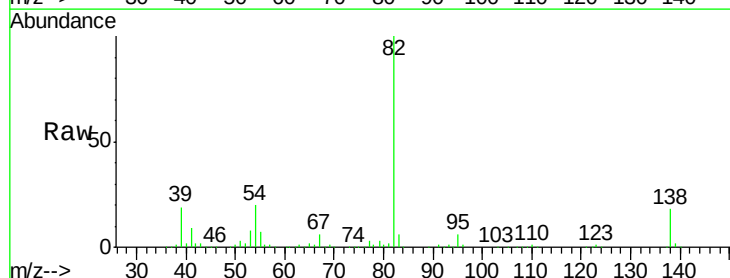
Tgt Ion: 82 Resp: 813149

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

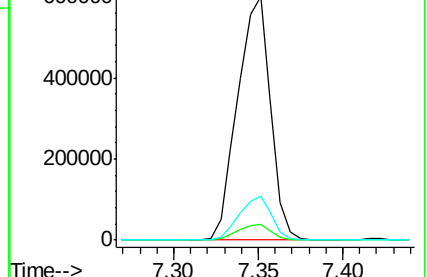
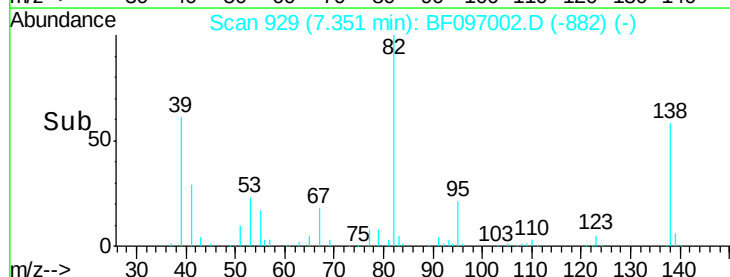
138 18.1 13.1 19.7

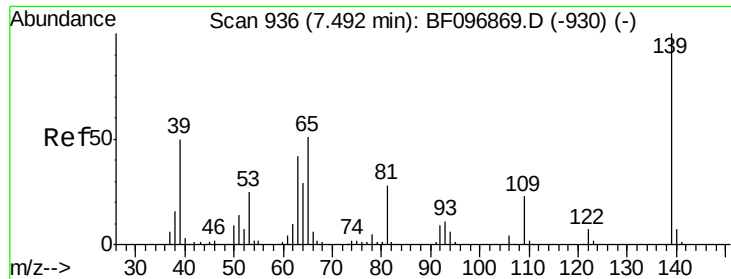


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

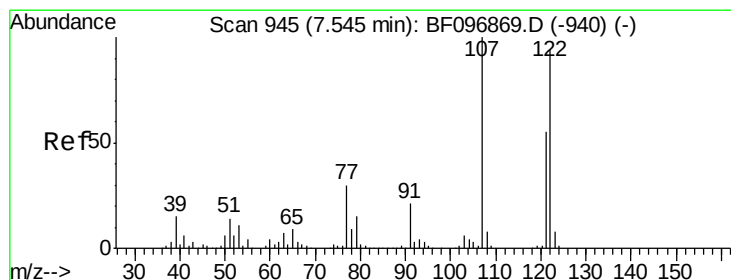
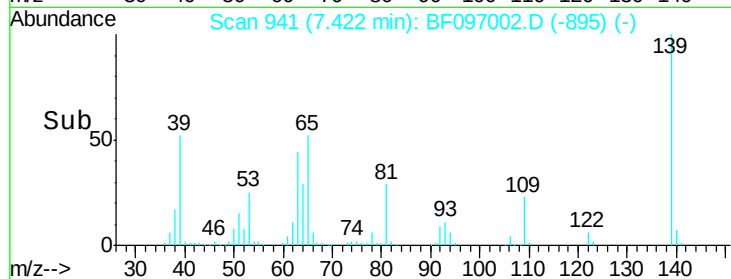
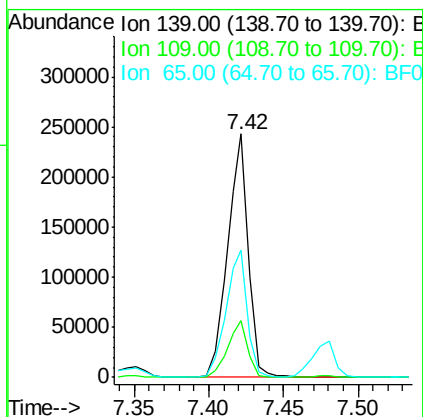
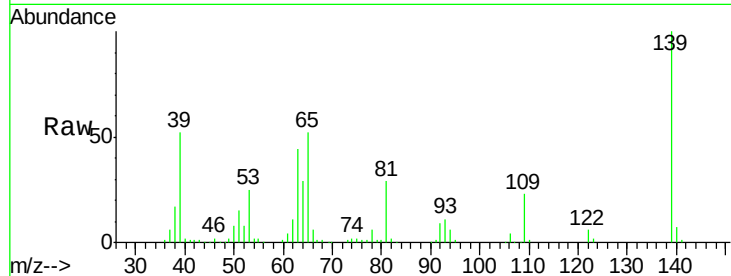




#26
2-Nitrophenol
Concen: 44.89 ng
RT: 7.42 min Scan# 941
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

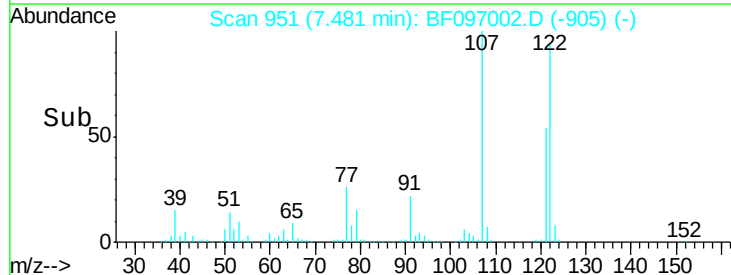
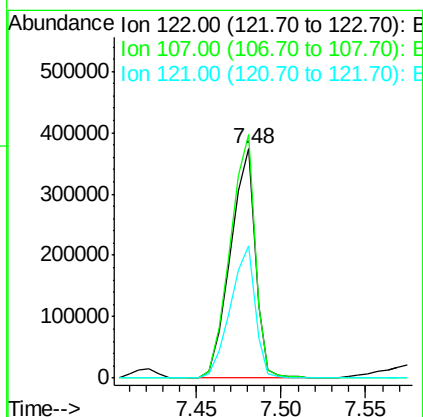
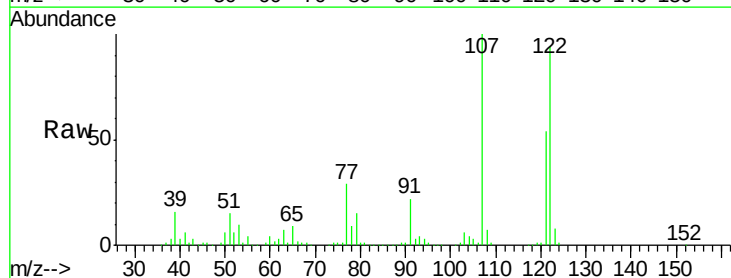
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

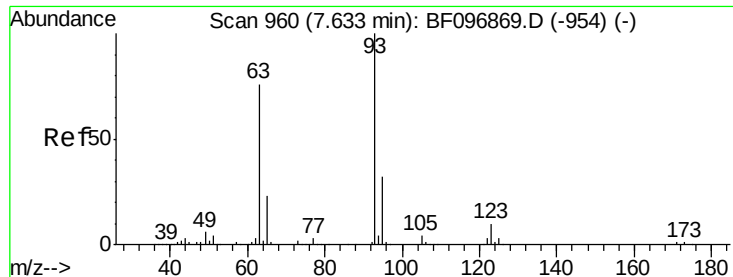
Tot Ion:139 Resp: 237886
Ion Ratio Lower Upper
139 100
109 23.1 21.0 31.6
65 52.3 33.0 49.6#



#27
2,4-Dimethylphenol
Concen: 43.96 ng
RT: 7.48 min Scan# 951
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion:122 Resp: 383290
Ion Ratio Lower Upper
122 100
107 106.3 89.2 133.8
121 57.9 45.2 67.8

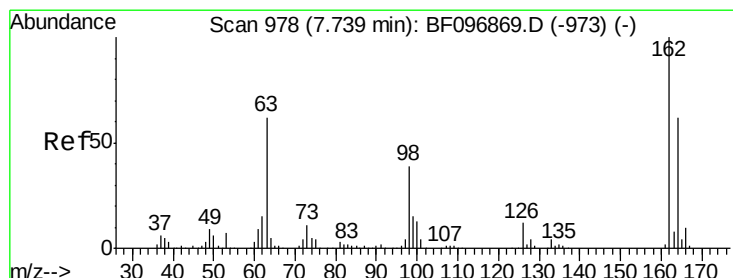
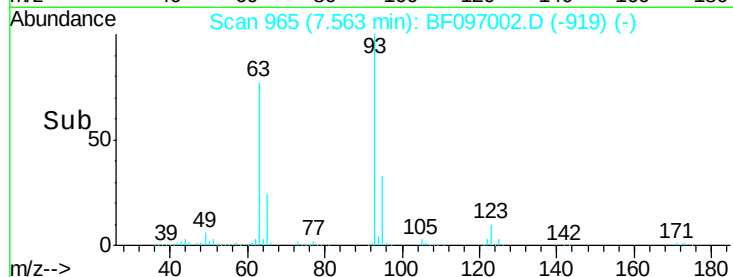
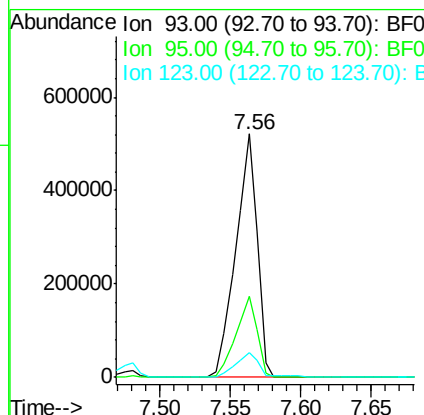
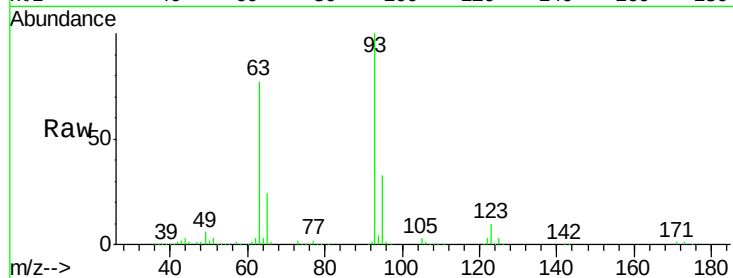




#28
bis(2-Chloroethoxy)methane
Concen: 47.45 ng
RT: 7.56 min Scan# 965
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

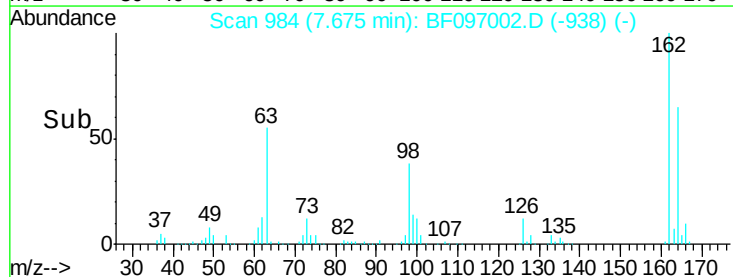
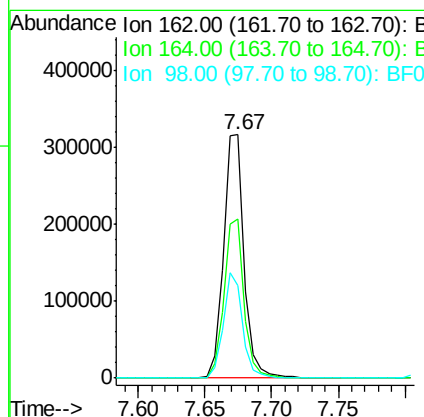
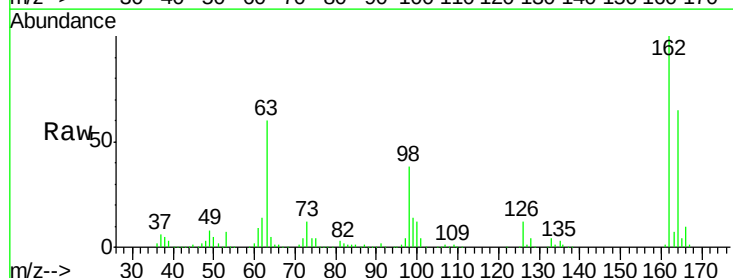
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

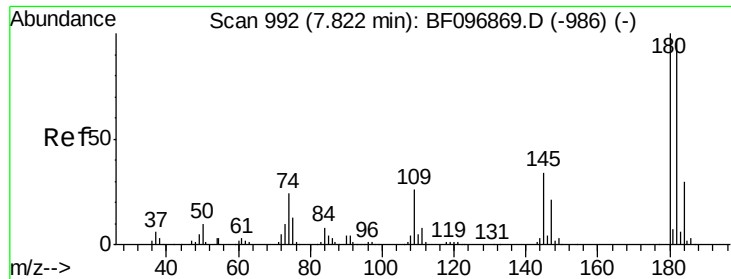
Tot Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.5	39.7
123	10.4	9.0	13.4



#29
2,4-Dichlorophenol
Concen: 43.43 ng
RT: 7.67 min Scan# 984
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.6	84.6
98	38.2	14.8	54.8

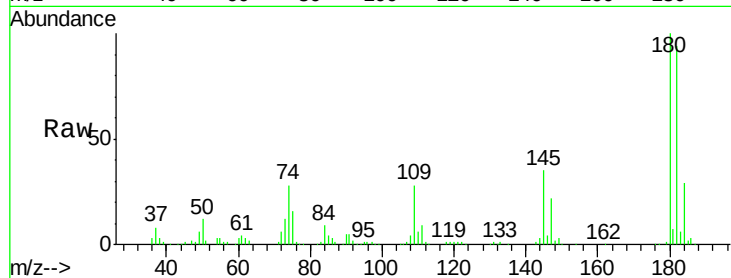




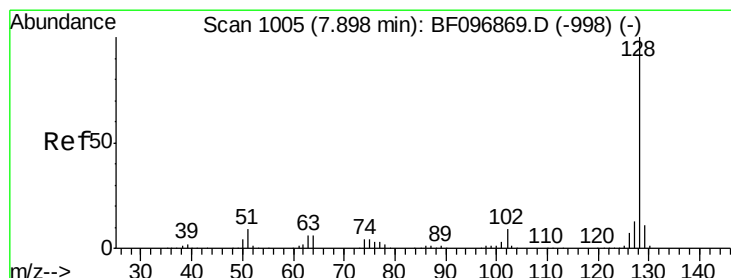
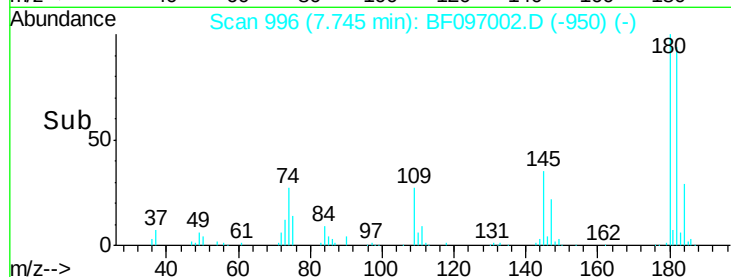
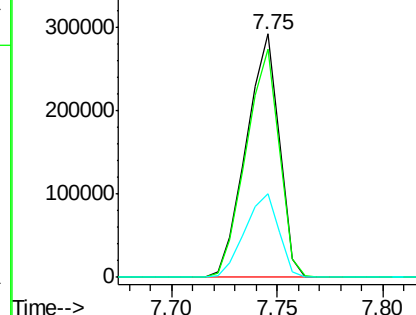
#30
 1,2,4-Trichlorobenzene
 Concen: 42.16 ng
 RT: 7.75 min Scan# 996
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

Tot Ion:180 Resp: 316333
 Ion Ratio Lower Upper
 180 100
 182 94.0 75.8 113.6
 145 34.5 25.3 37.9

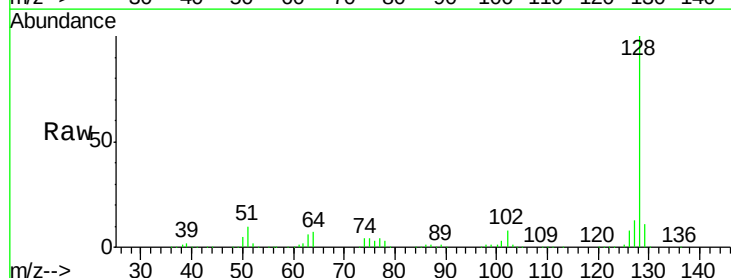


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

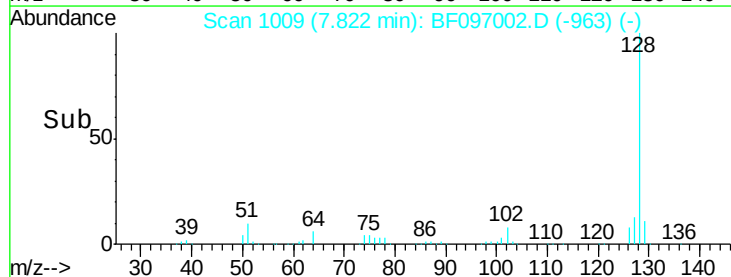
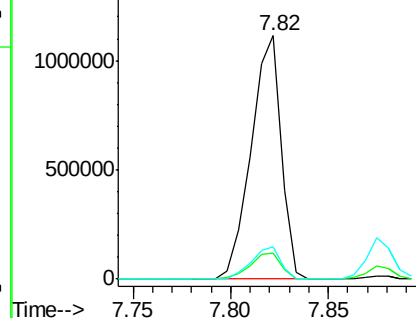


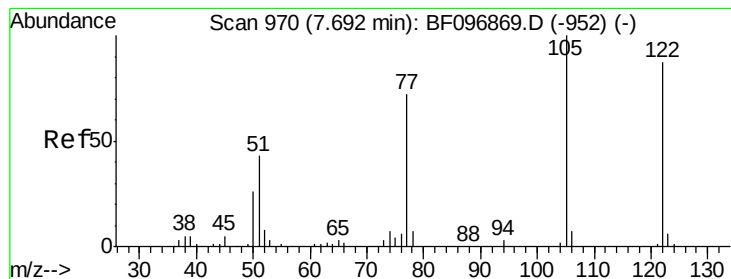
#31
 Naphthalene
 Concen: 43.89 ng
 RT: 7.82 min Scan# 1009
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion:128 Resp: 1186879
 Ion Ratio Lower Upper
 128 100
 129 10.9 9.0 13.6
 127 13.4 10.8 16.2



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





#32

Benzoic acid

Concen: 14.40 ng

RT: 7.59 min Scan# 970

Delta R.T. -0.08 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Instrument :

BNA_F

ClientSampleId :

295-N-1-(0-2)MSD

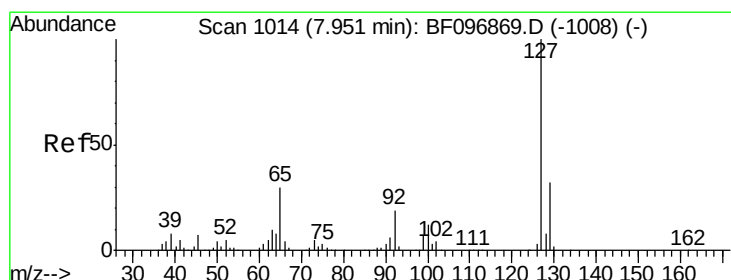
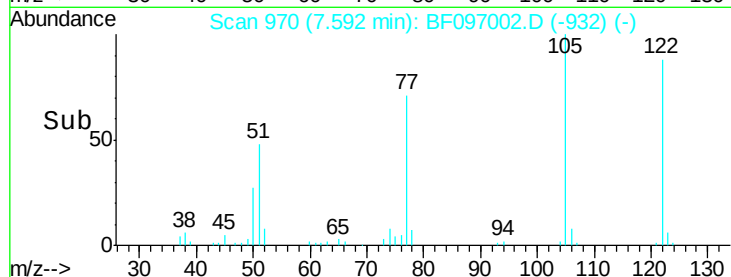
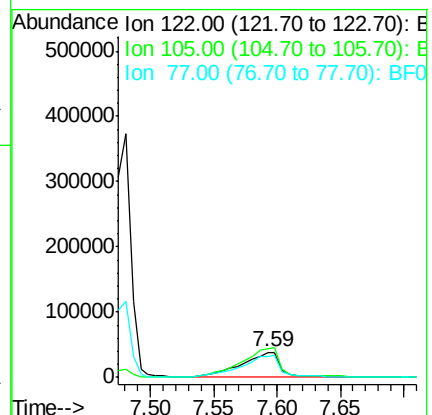
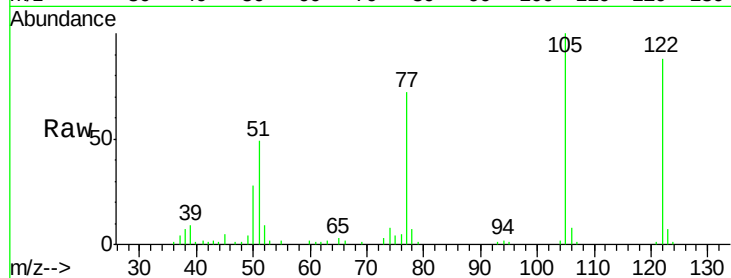
Tot Ion:122 Resp: 80212

Ion Ratio Lower Upper

122 100

105 114.1 103.3 143.3

77 82.4 73.7 113.7



#33

4-Chloroaniline

Concen: 17.12 ng

RT: 7.87 min Scan# 1018

Delta R.T. -0.04 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Tgt Ion:127 Resp: 183443

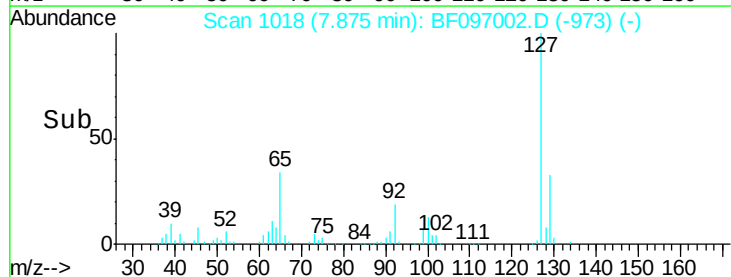
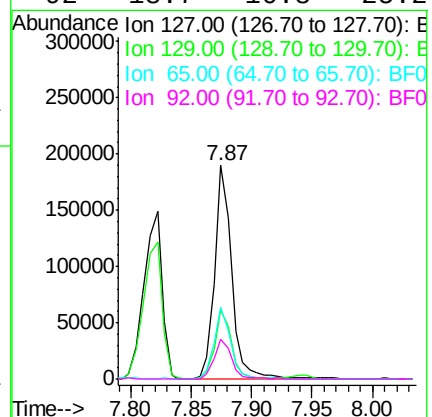
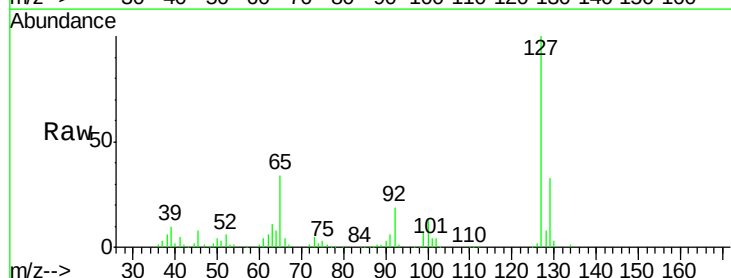
Ion Ratio Lower Upper

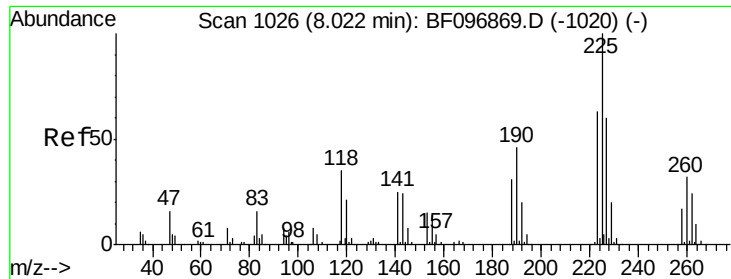
127 100

129 32.7 26.2 39.2

65 33.6 27.8 41.8

92 18.7 16.8 25.2





#34

Hexachlorobutadiene

Concen: 38.88 ng

RT: 7.95 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Instrument :

BNA_F

ClientSampleId :

295-N-1-(0-2)MSD

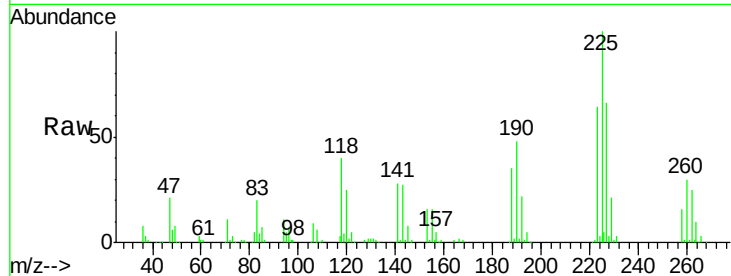
Tot Ion:225 Resp: 155729

Ion Ratio Lower Upper

225 100

223 64.3 48.8 73.2

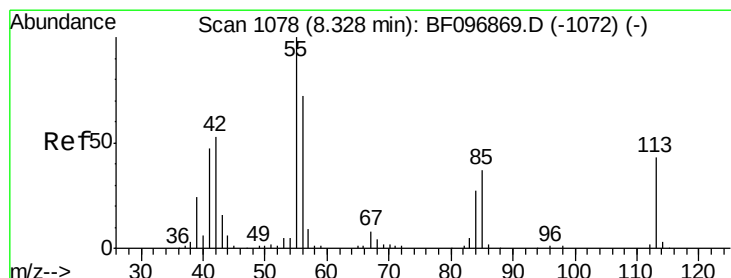
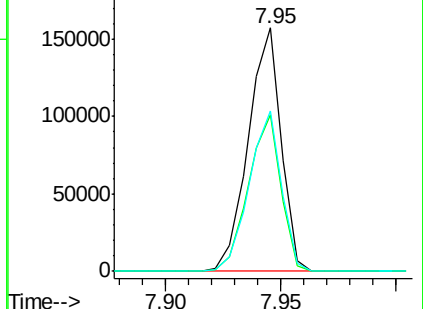
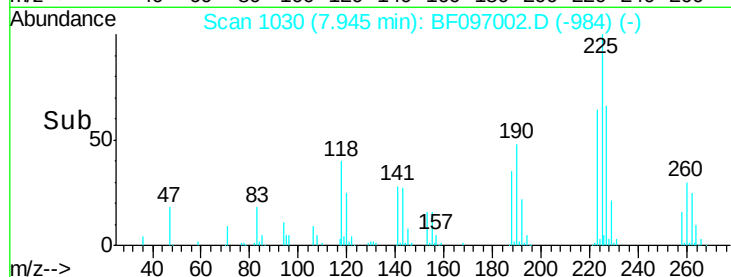
227 66.1 51.1 76.7



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: 8.98 ng

RT: 8.26 min Scan# 1083

Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

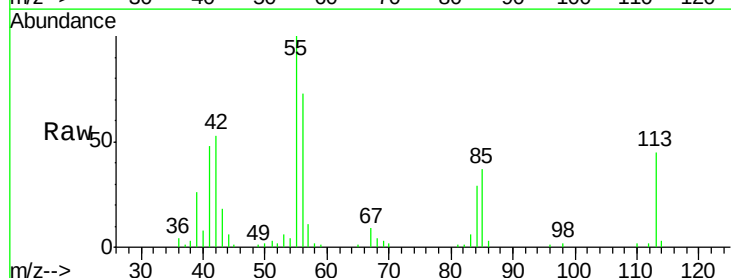
Tgt Ion:113 Resp: 22700

Ion Ratio Lower Upper

113 100

55 223.7 150.2 190.2#

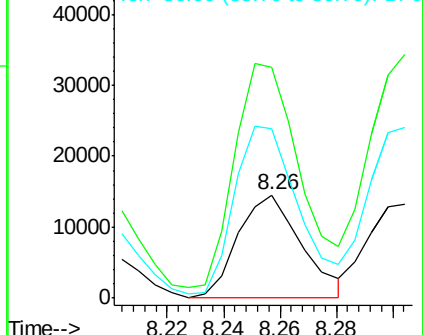
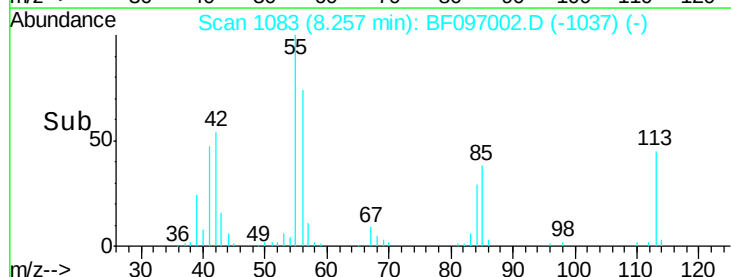
56 163.4 107.8 147.8#

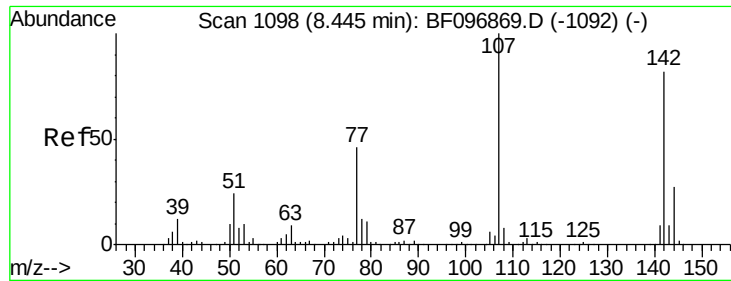


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

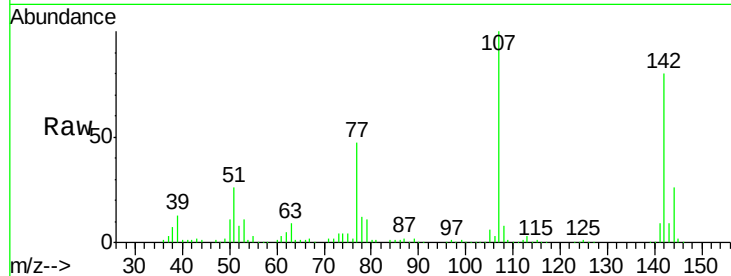




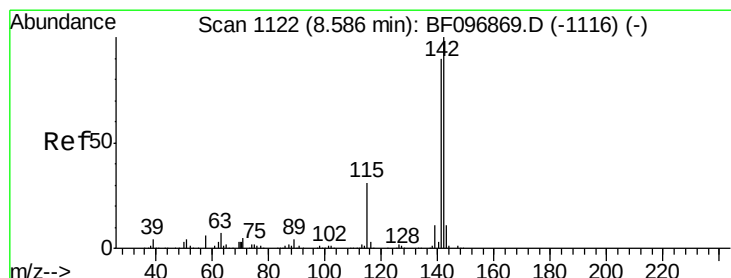
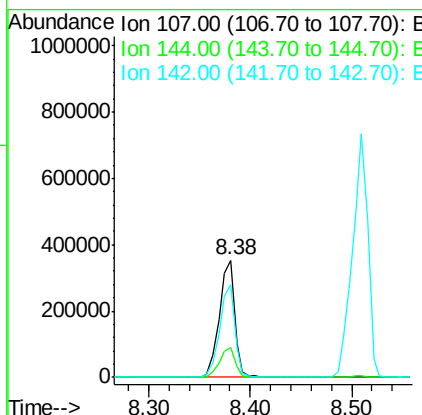
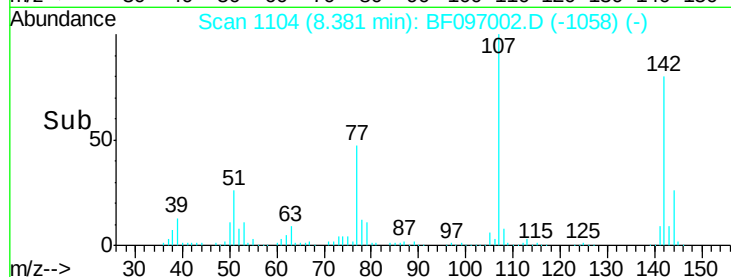
#36
 4-Chloro-3-methylphenol
 Concen: 43.88 ng
 RT: 8.38 min Scan# 1104
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

Tot Ion:107 Resp: 372326
 Ion Ratio Lower Upper
 107 100
 144 25.5 24.2 36.4
 142 79.5 73.4 110.0

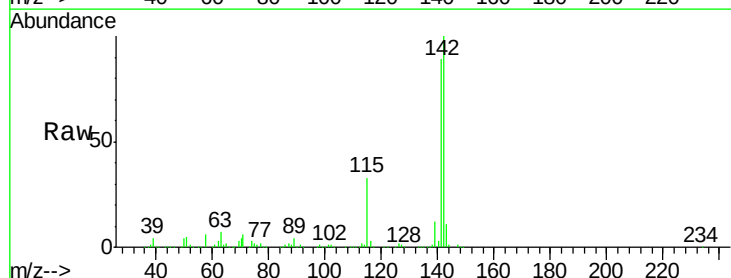


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

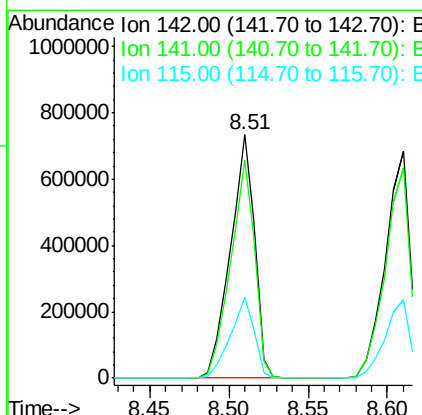
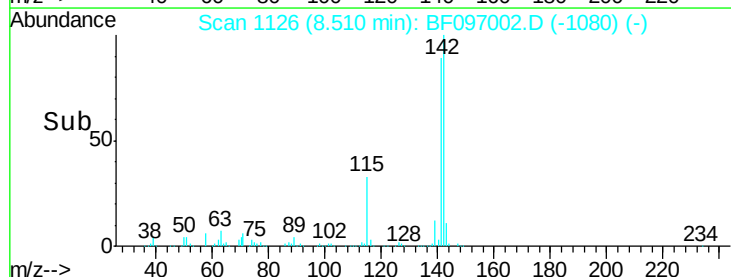


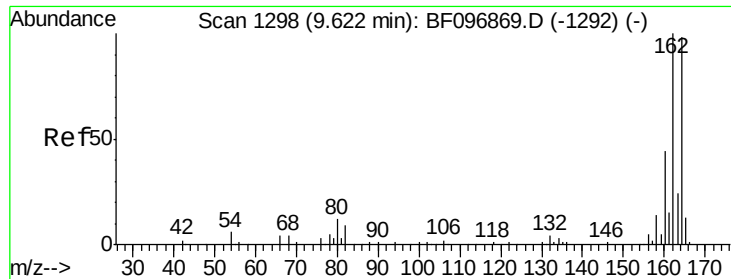
#37
 2-Methylnaphthalene
 Concen: 45.19 ng
 RT: 8.51 min Scan# 1126
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion:142 Resp: 778954
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.3 106.9
 115 33.3 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

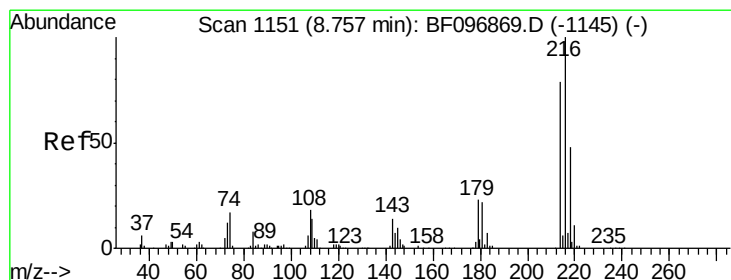
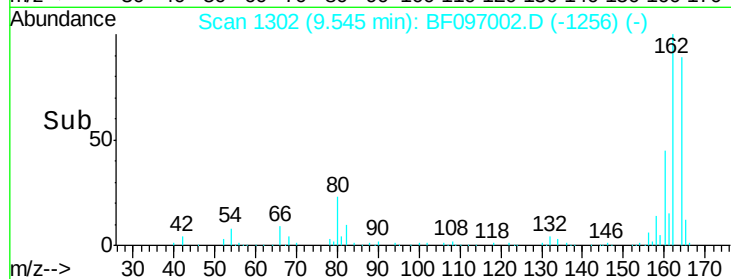
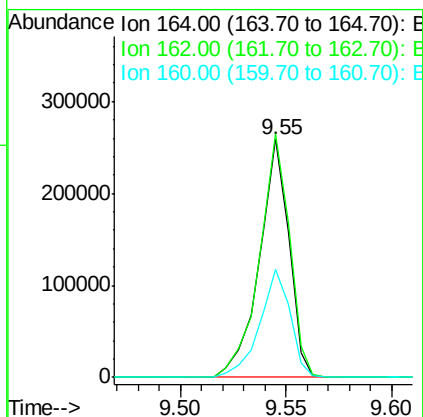
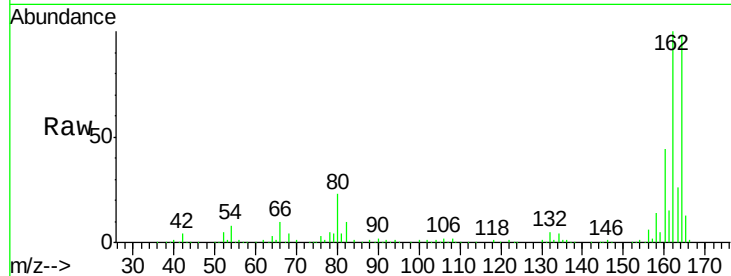




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 1302
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

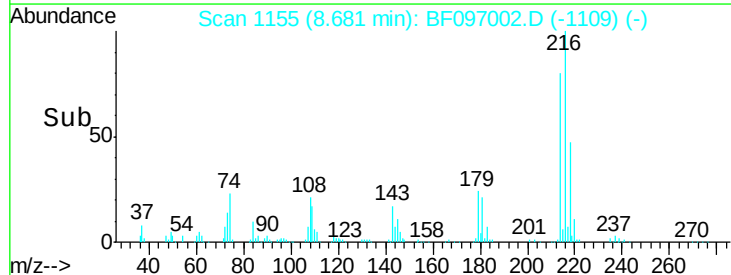
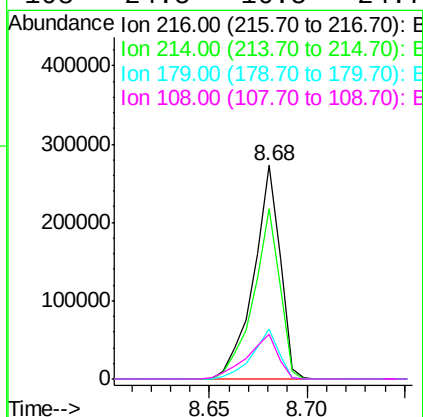
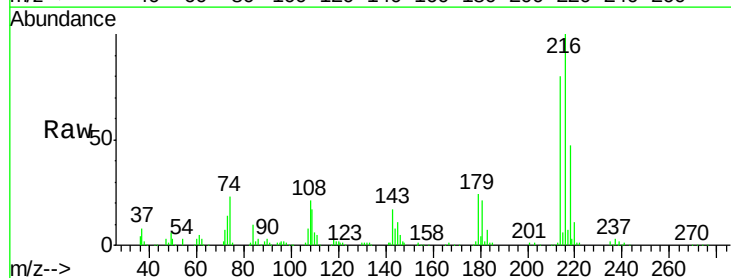
Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

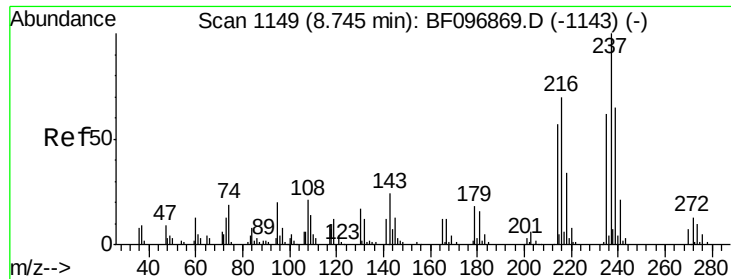
Tot Ion:164 Resp: 253259
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.6 123.8
 160 45.3 36.2 54.2



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.39 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion:216 Resp: 256010
 Ion Ratio Lower Upper
 216 100
 214 79.7 63.4 95.2
 179 23.1 17.9 26.9
 108 24.5 16.5 24.7

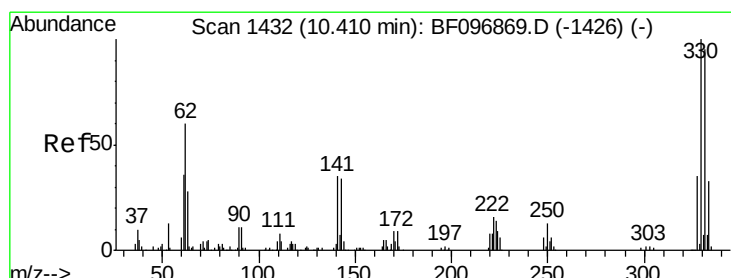
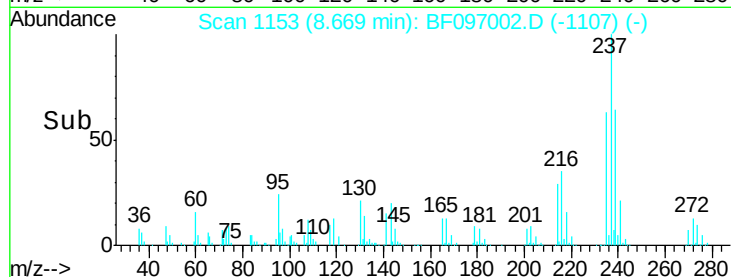
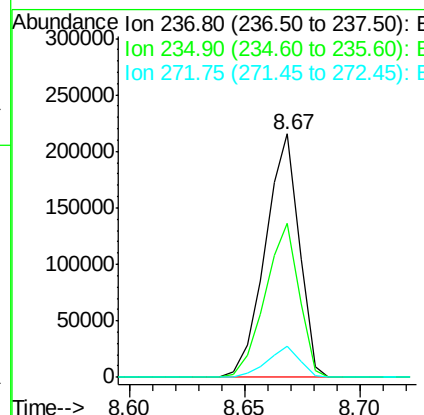
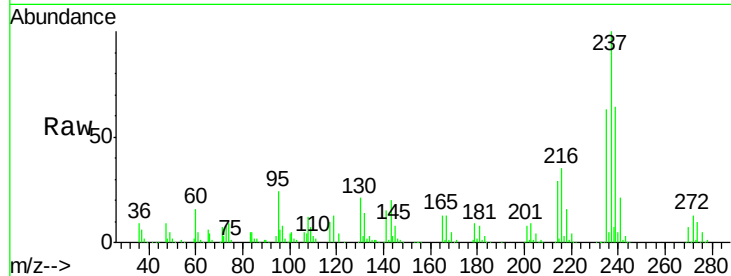




#40
Hexachlorocyclopentadiene
Concen: 84.74 ng
RT: 8.67 min Scan# 1153
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

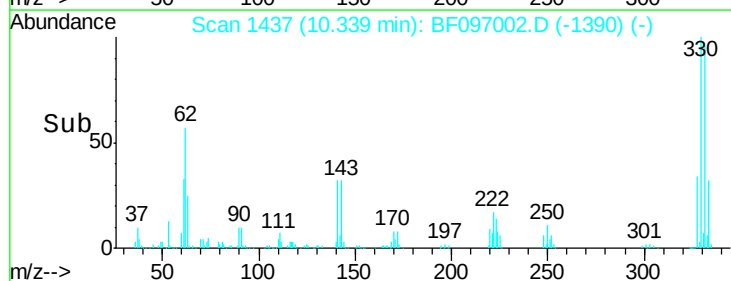
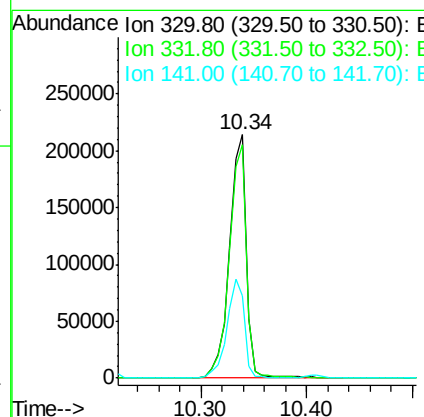
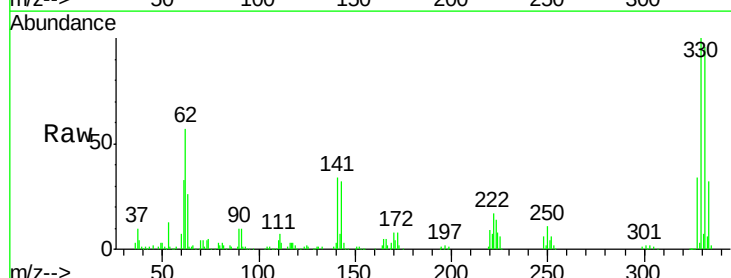
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

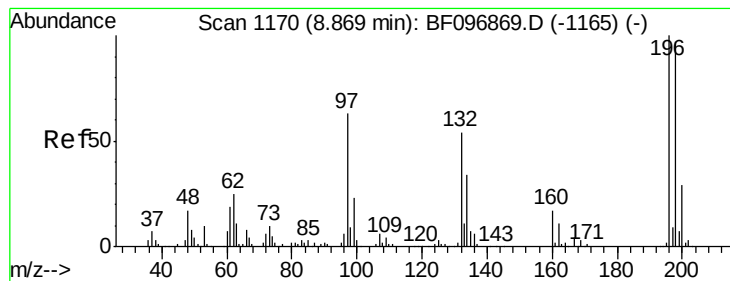
Tot Ion:237 Resp: 219012
Ion Ratio Lower Upper
237 100
235 63.4 42.6 82.6
272 12.8 0.0 31.9



#41
2,4,6-Tribromophenol
Concen: 110.36 ng
RT: 10.34 min Scan# 1437
Delta R.T. -0.02 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion:330 Resp: 238575
Ion Ratio Lower Upper
330 100
332 97.5 76.6 115.0
141 42.3 31.4 47.2





#42

2,4,6-Trichlorophenol

Concen: 40.32 ng

RT: 8.80 min Scan# 1175

Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Instrument :

BNA_F

ClientSampleId :

295-N-1-(0-2)MSD

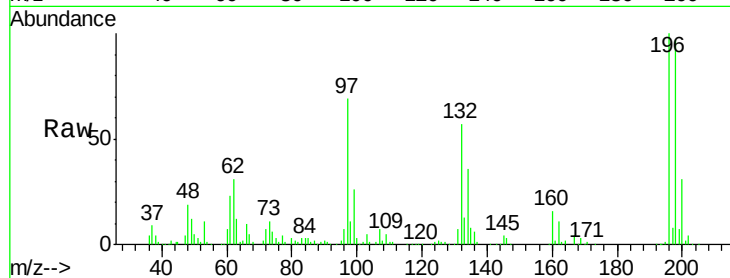
Tot Ion:196 Resp: 203631

Ion Ratio Lower Upper

196 100

198 96.7 74.2 111.4

200 31.5 24.0 36.0

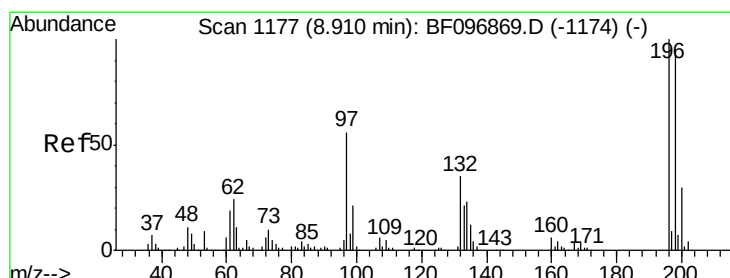
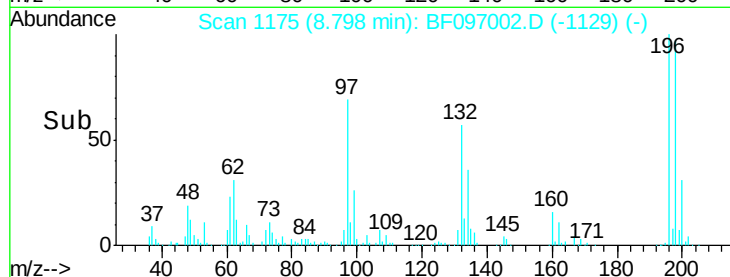
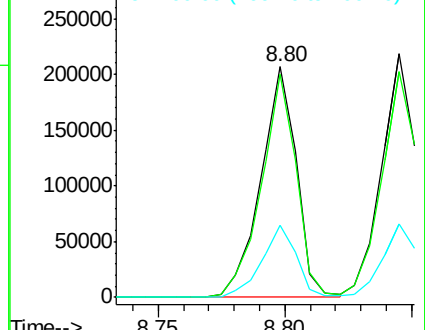


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 41.69 ng

RT: 8.85 min Scan# 1183

Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Tgt Ion:196 Resp: 212316

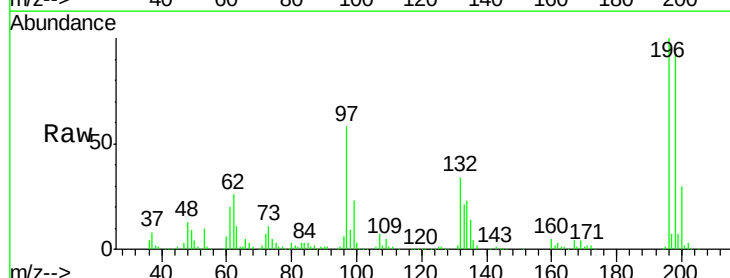
Ion Ratio Lower Upper

196 100

198 92.9 75.7 113.5

97 58.4 47.7 71.5

132 34.1 28.0 42.0



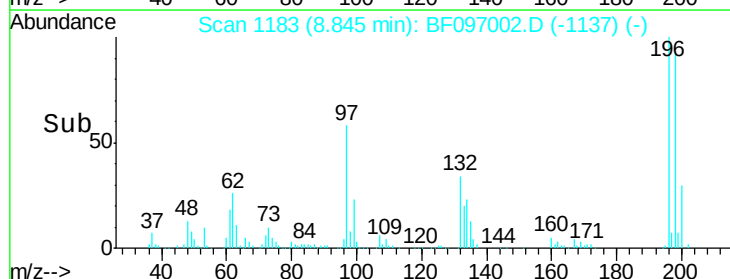
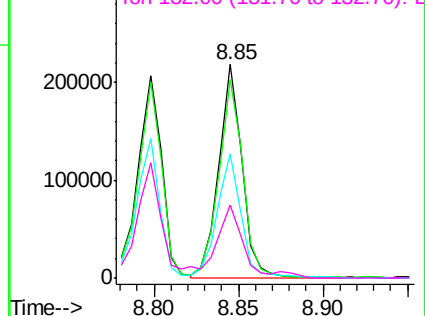
Abundance

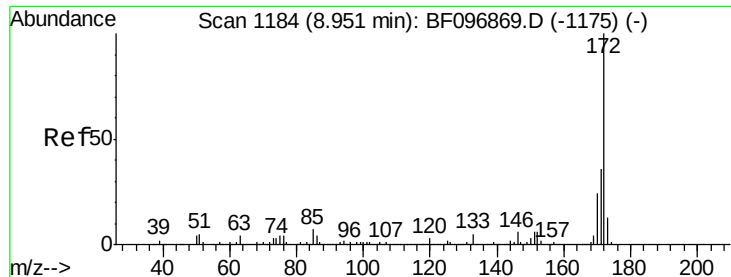
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E

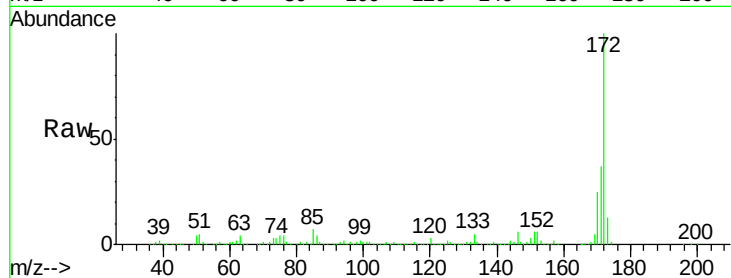




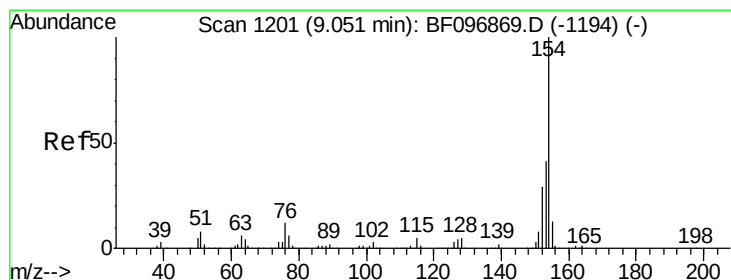
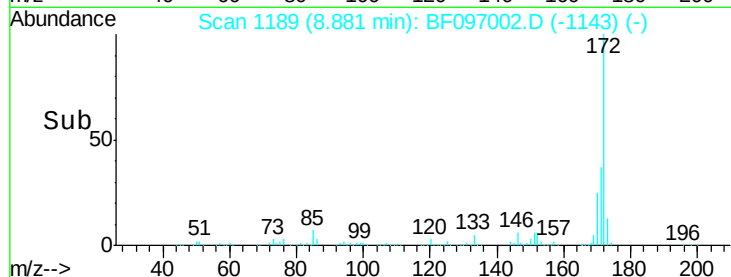
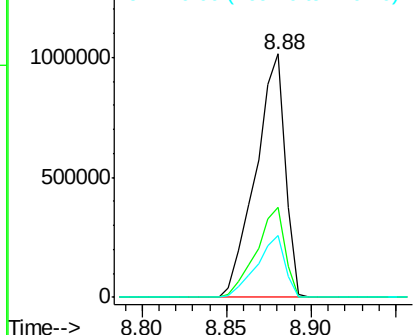
#44
2-Fluorobiphenyl
Concen: 76.81 ng
RT: 8.88 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

Tot Ion:172 Resp: 1231184
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 25.3 19.8 29.8

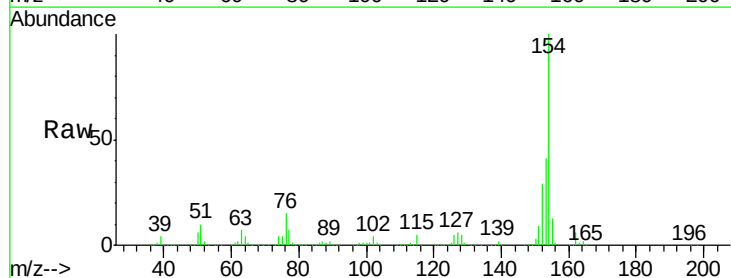


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

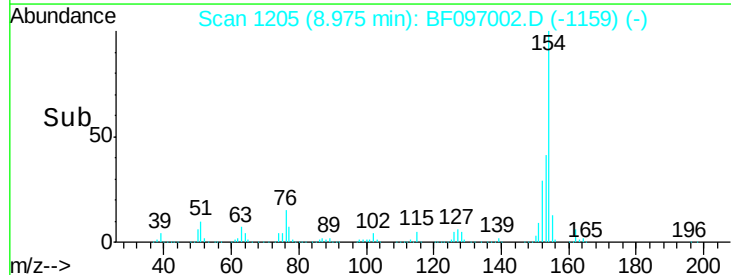
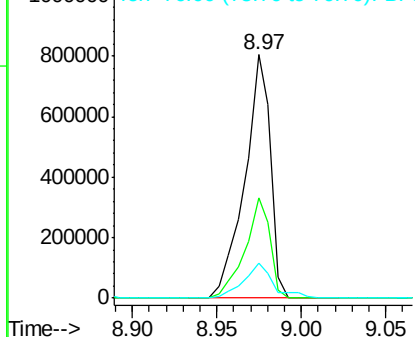


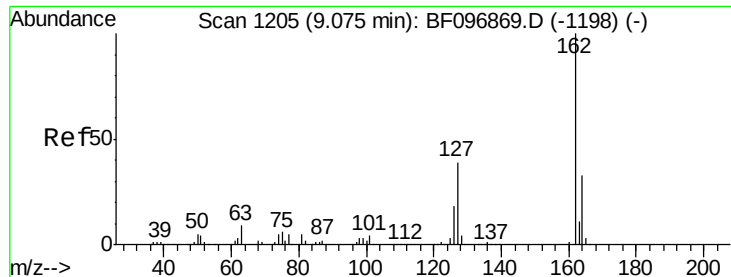
#45
1,1'-Biphenyl
Concen: 39.36 ng
RT: 8.97 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion:154 Resp: 855024
Ion Ratio Lower Upper
154 100
153 41.3 21.2 61.2
76 14.6 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

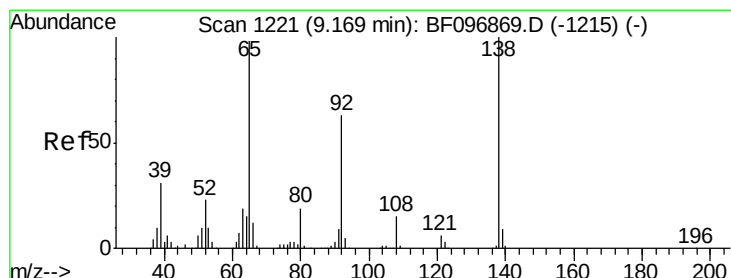
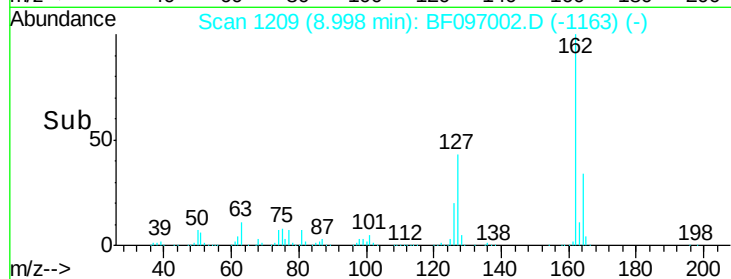
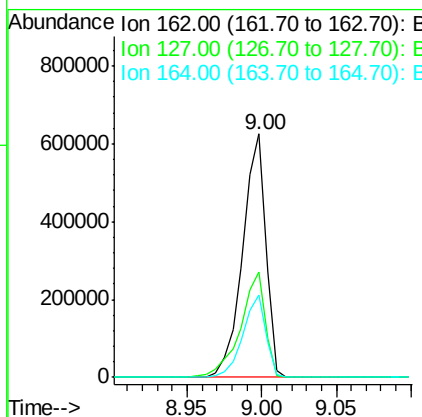
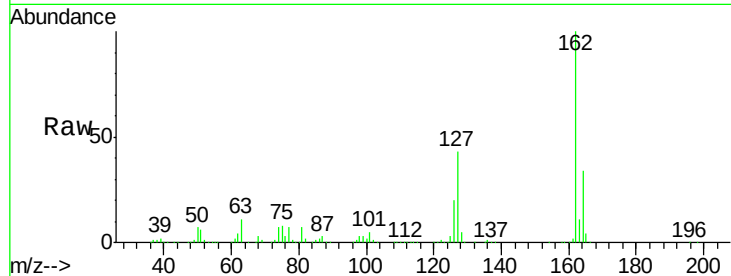




#46
2-Chloronaphthalene
Concen: 41.85 ng
RT: 9.00 min Scan# 1209
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

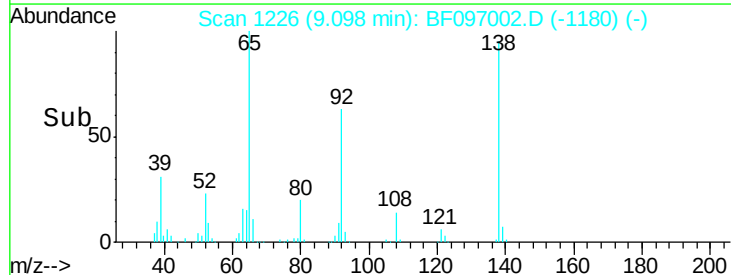
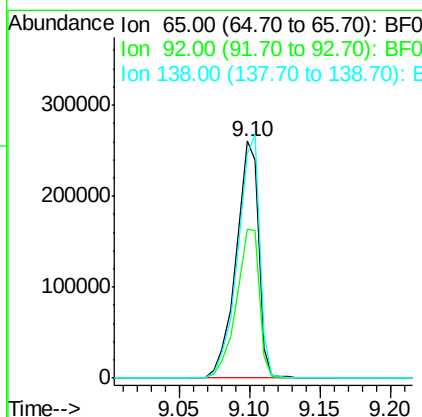
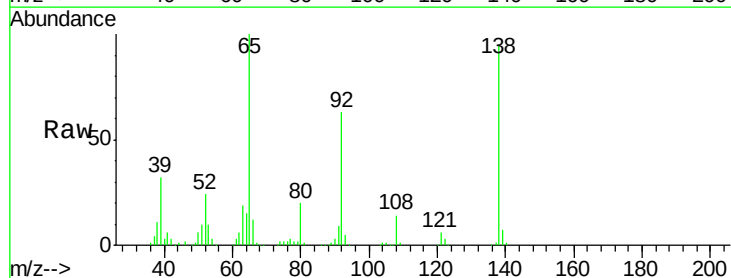
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

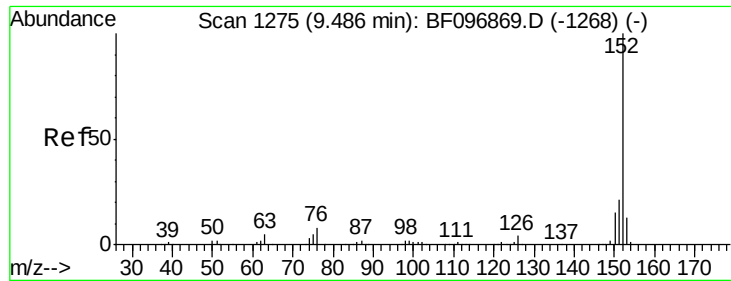
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.1	28.3	42.5#
164	33.8	27.0	40.4



#47
2-Nitroaniline
Concen: 52.43 ng
RT: 9.10 min Scan# 1226
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.0	53.9	80.9
138	94.7	78.8	118.2





#48

Acenaphthylene

Concen: 41.46 ng

RT: 9.41 min Scan# 1279

Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Instrument :

BNA_F

ClientSampleId :

295-N-1-(0-2)MSD

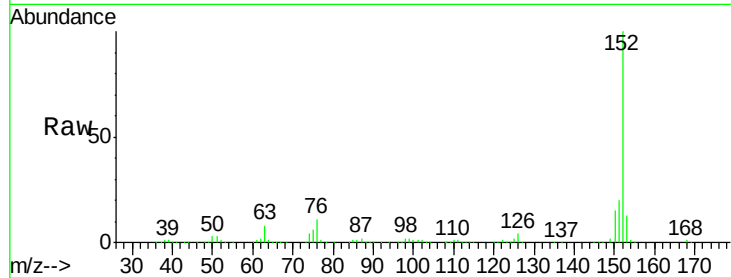
Tot Ion:152 Resp: 1056655

Ion Ratio Lower Upper

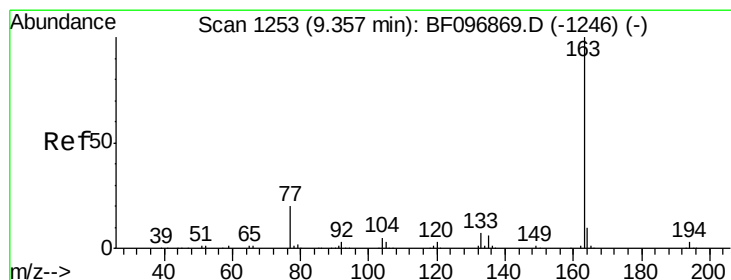
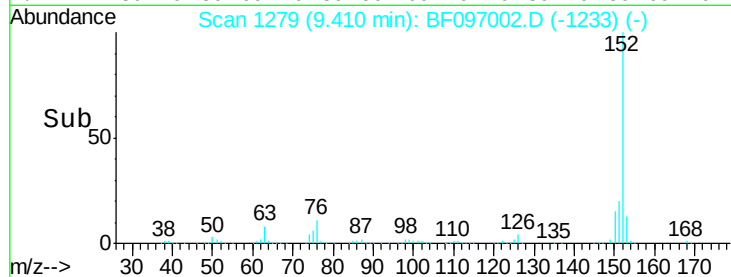
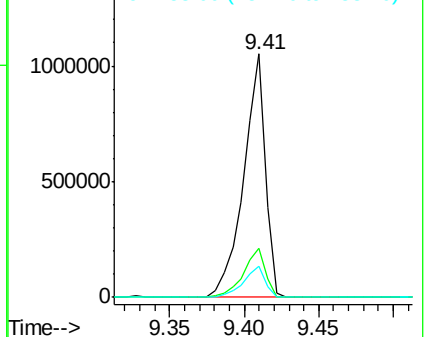
152 100

151 20.2 16.8 25.2

153 12.6 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: 54.74 ng

RT: 9.29 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

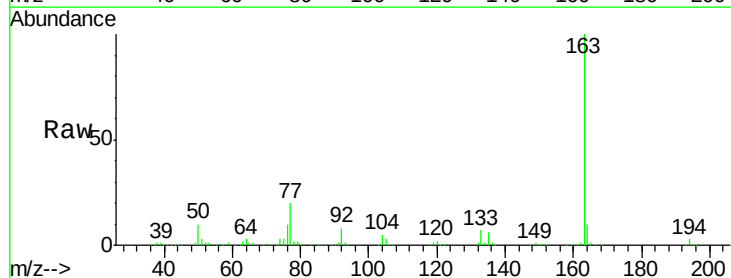
Tgt Ion:163 Resp: 1043915

Ion Ratio Lower Upper

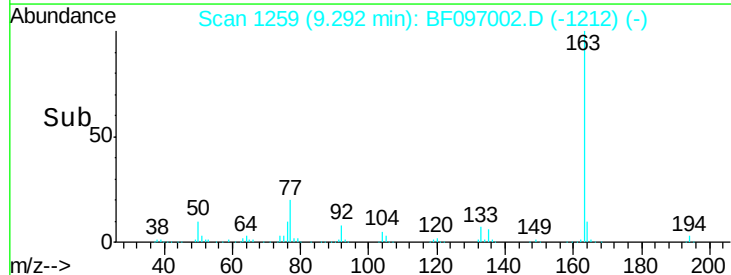
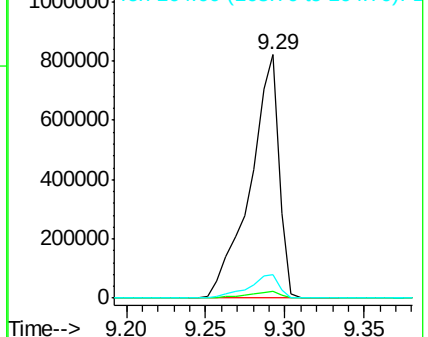
163 100

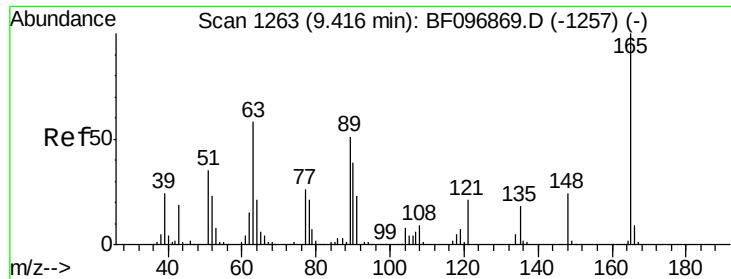
194 3.0 2.6 4.0

164 9.8 8.4 12.6



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

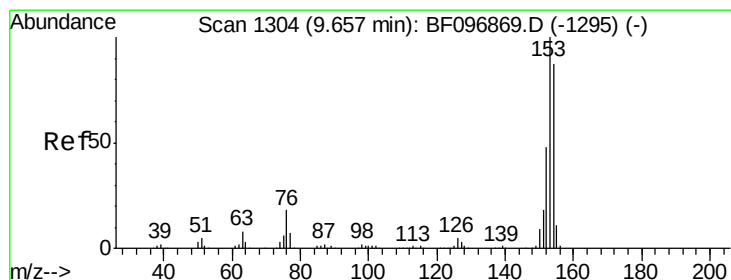
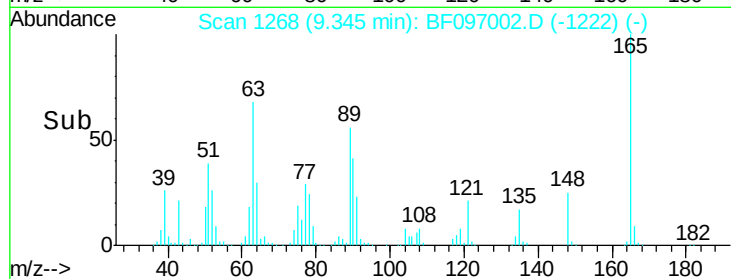
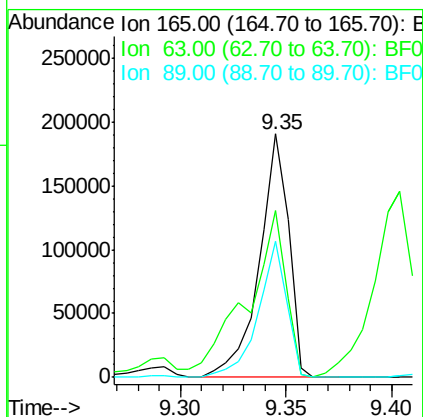
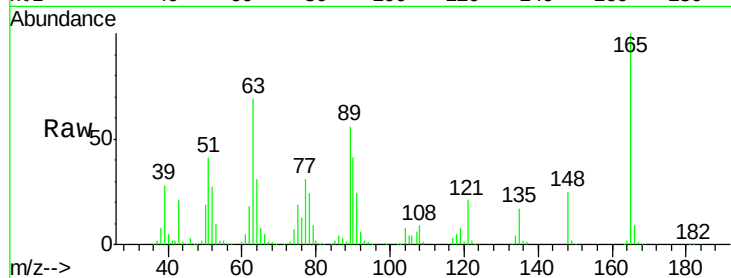




#50
2,6-Dinitrotoluene
Concen: 44.73 ng
RT: 9.35 min Scan# 1268
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

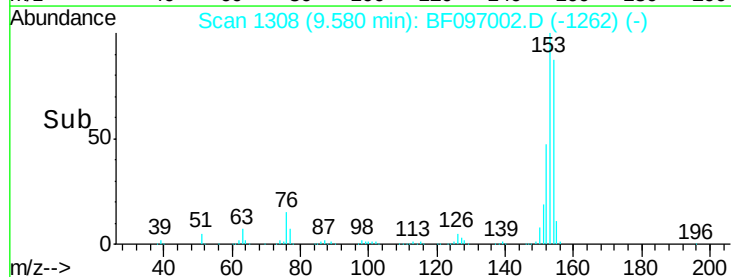
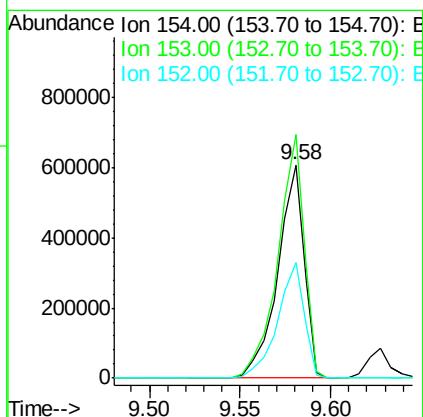
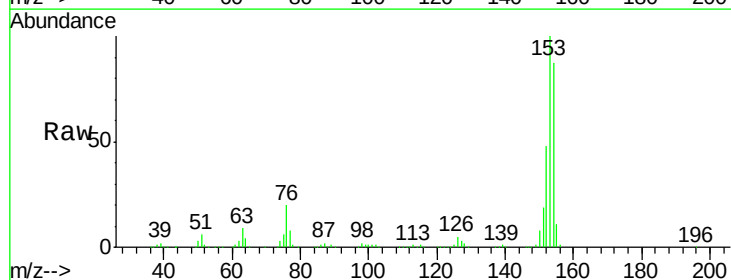
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

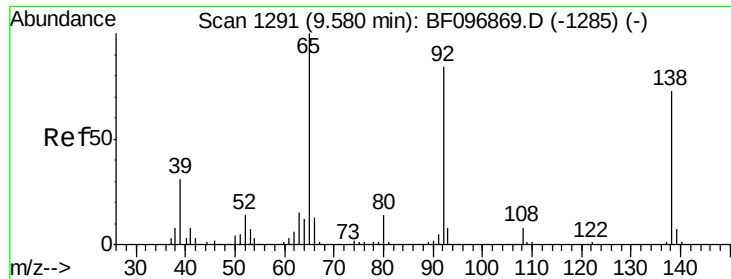
Tot Ion:165 Resp: 184736
Ion Ratio Lower Upper
165 100
63 68.7 34.3 51.5#
89 55.9 37.1 55.7#



#51
Acenaphthene
Concen: 40.97 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion:154 Resp: 616774
Ion Ratio Lower Upper
154 100
153 114.3 90.5 135.7
152 54.4 43.6 65.4

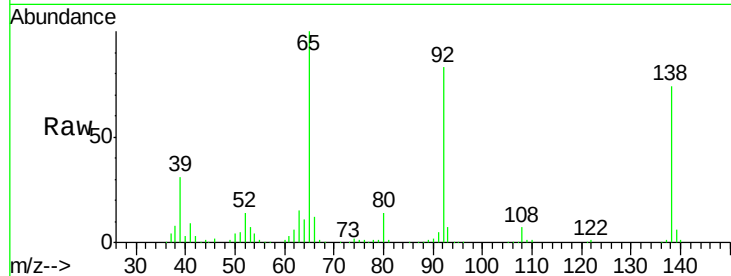




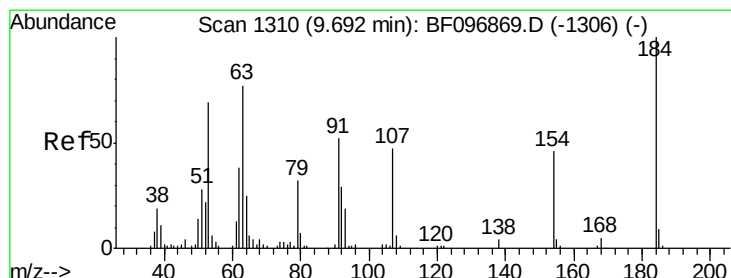
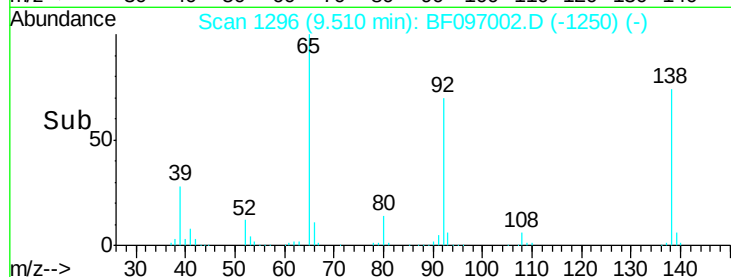
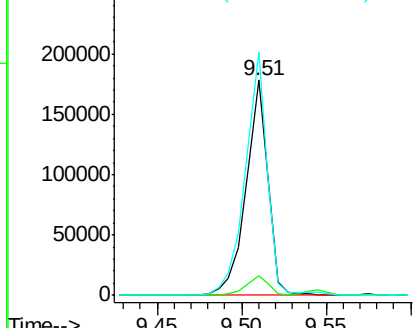
#52
 3-Nitroaniline
 Concen: 33.51 ng
 RT: 9.51 min Scan# 1296
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

Tot Ion:138 Resp: 163945
 Ion Ratio Lower Upper
 138 100
 108 9.2 9.1 13.7
 92 113.2 93.8 140.6

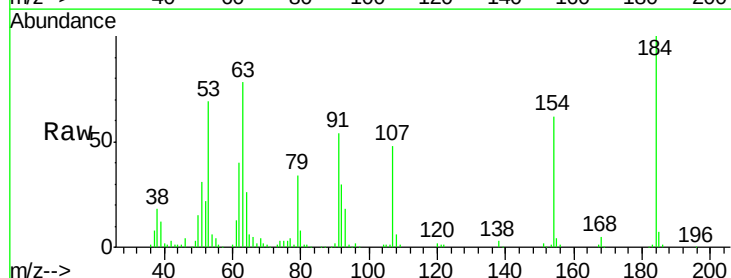


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

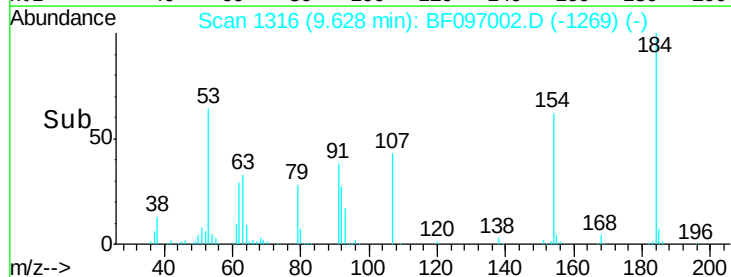
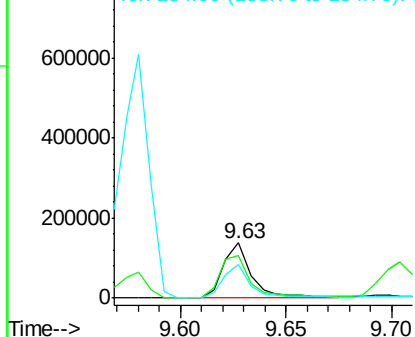


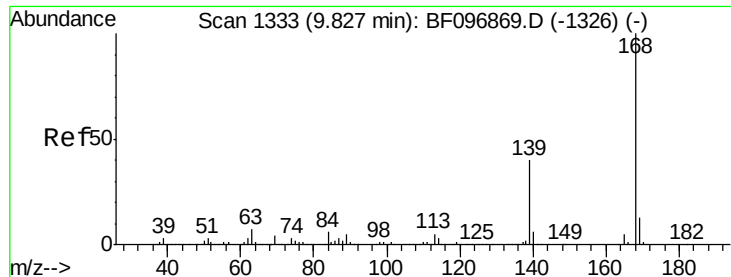
#53
 2,4-Dinitrophenol
 Concen: 65.16 ng
 RT: 9.63 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion:184 Resp: 130469
 Ion Ratio Lower Upper
 184 100
 63 78.0 62.7 94.1
 154 61.8 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

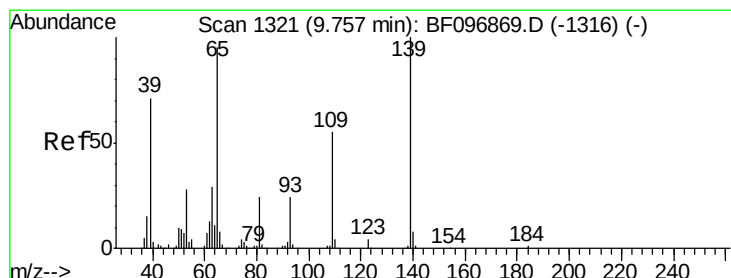
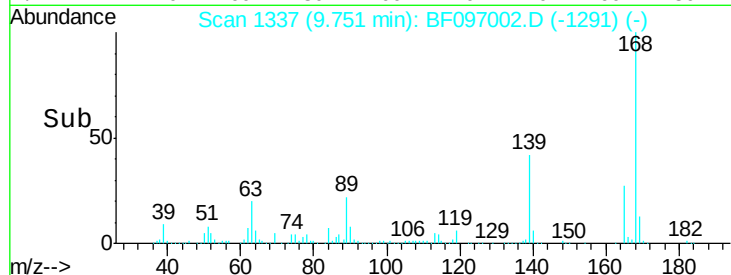
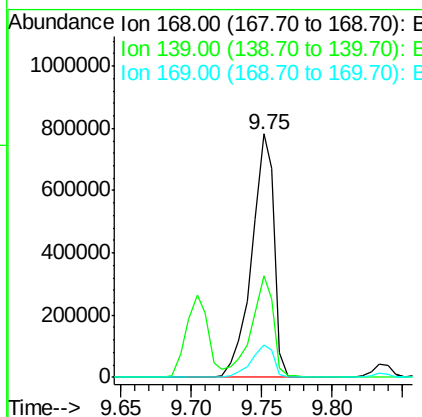
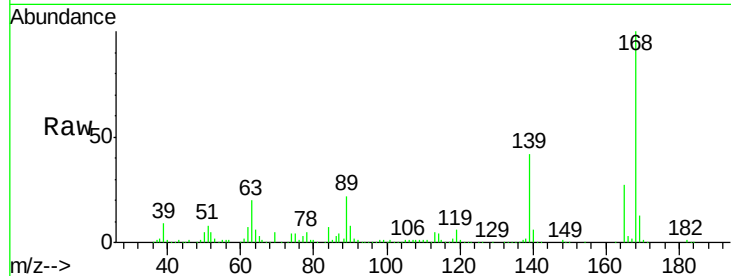




#54
Dibenzofuran
Concen: 41.20 ng
RT: 9.75 min Scan# 1337
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

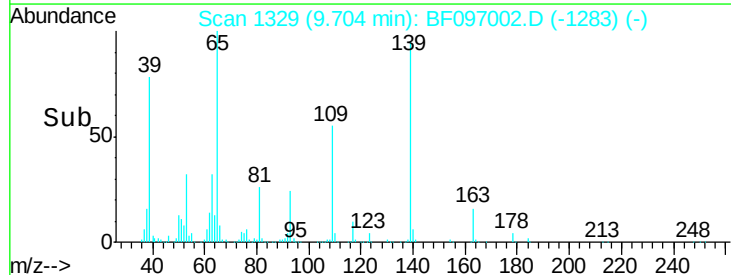
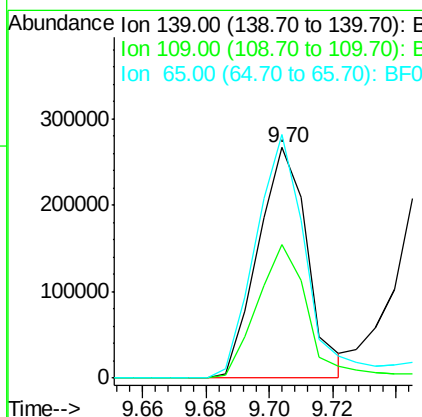
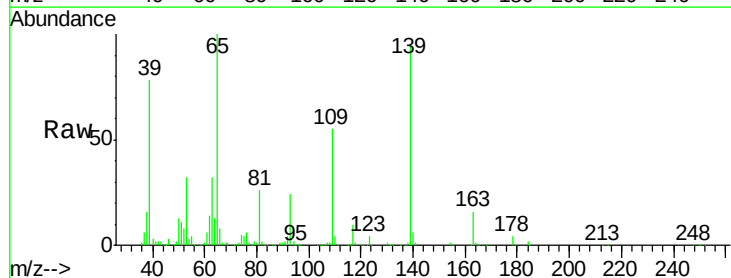
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

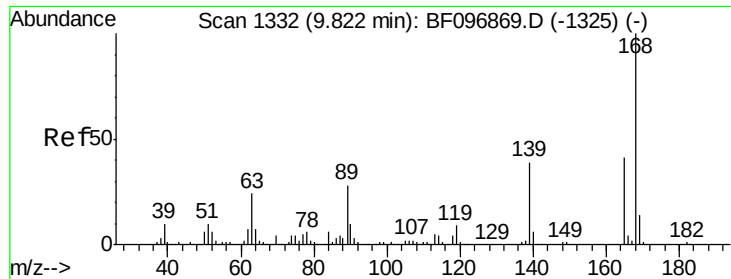
Tot Ion:168 Resp: 869076
Ion Ratio Lower Upper
168 100
139 41.5 30.6 45.8
169 13.3 10.8 16.2



#55
4-Nitrophenol
Concen: 80.87 ng
RT: 9.70 min Scan# 1329
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion:139 Resp: 289111
Ion Ratio Lower Upper
139 100
109 57.9 34.1 74.1
65 105.7 31.4 71.4#

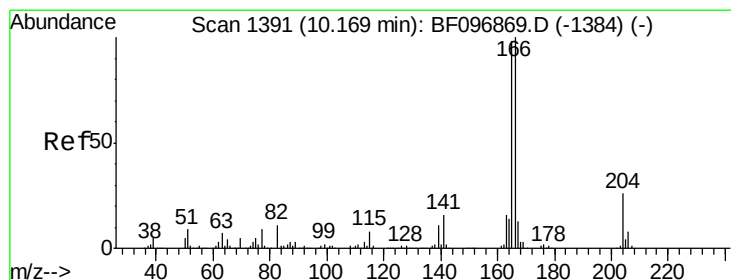
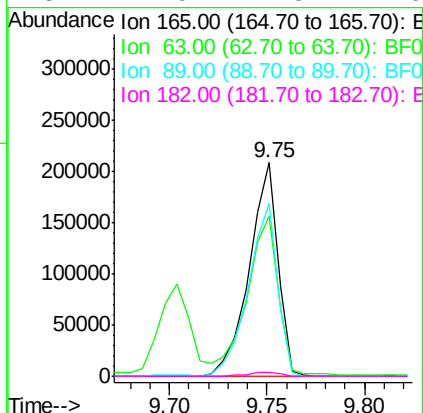
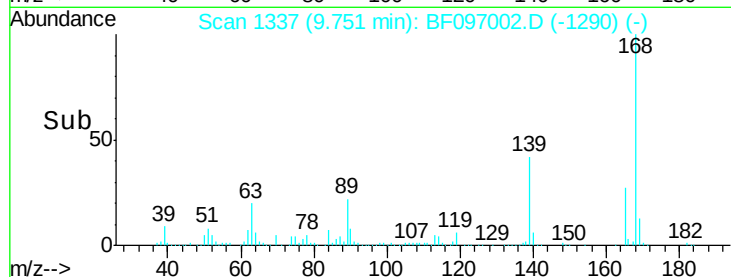
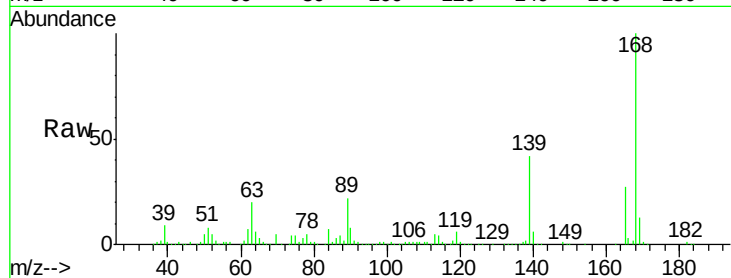




#56
 2,4-Dinitrotoluene
 Concen: 39.96 ng
 RT: 9.75 min Scan# 1337
 Delta R.T. -0.02 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

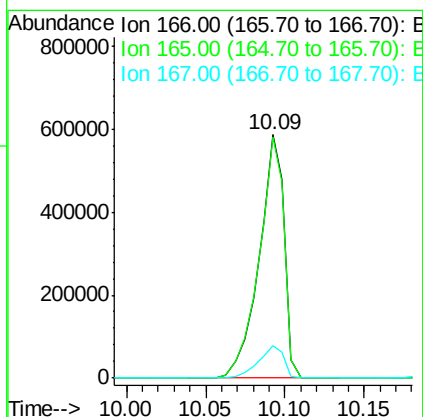
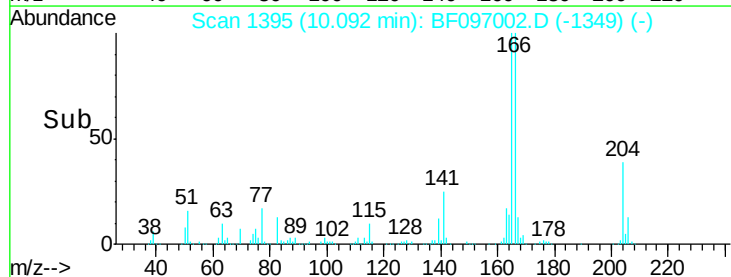
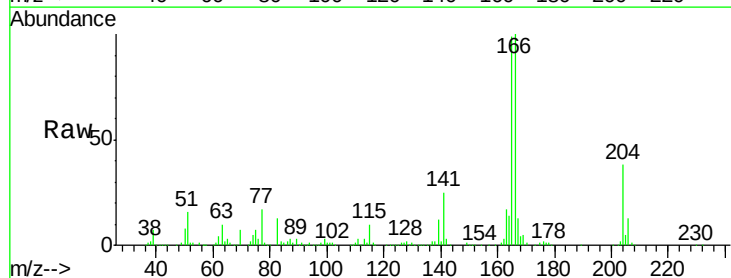
Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

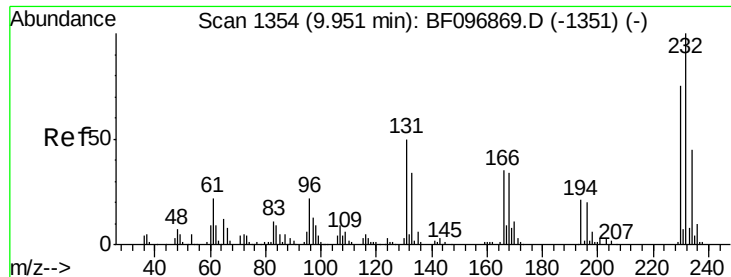
Tot Ion	Ratio	Lower	Upper
165	100		
63	74.7	25.4	38.0#
89	81.1	46.4	69.6#
182	2.0	1.8	2.6



#57
 Fluorene
 Concen: 41.34 ng
 RT: 10.09 min Scan# 1395
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.8	118.2
167	13.5	10.6	16.0

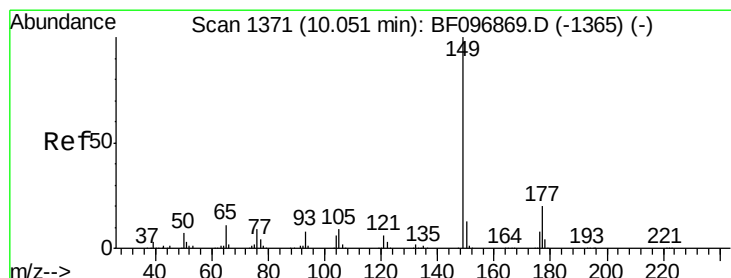
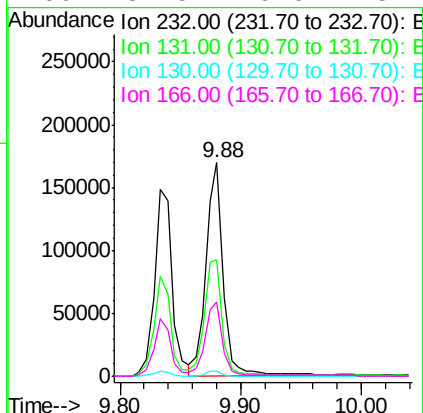
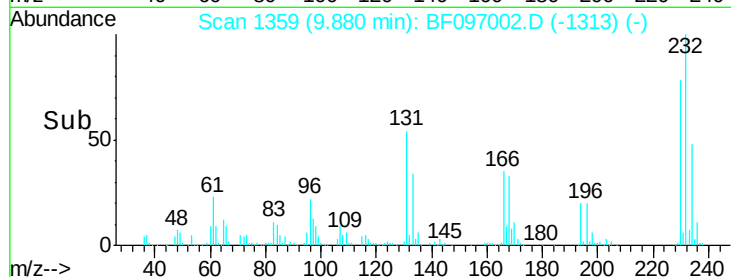
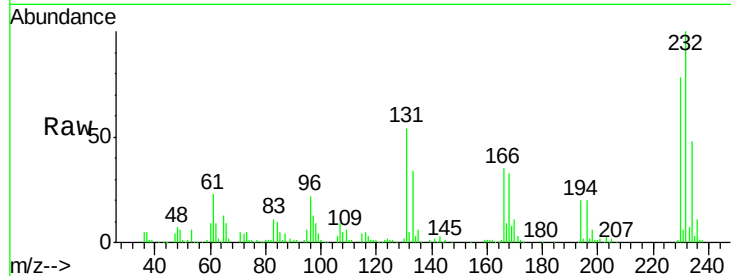




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.11 ng
 RT: 9.88 min Scan# 1359
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

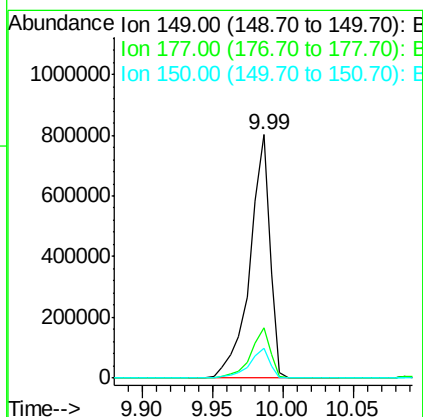
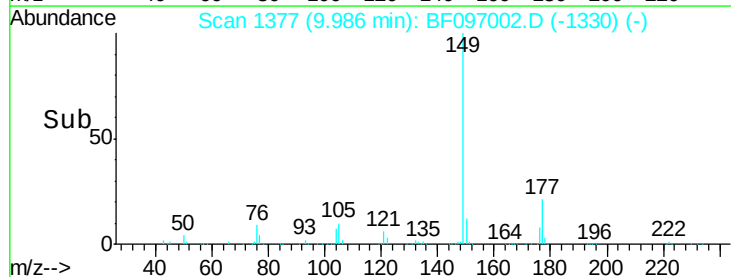
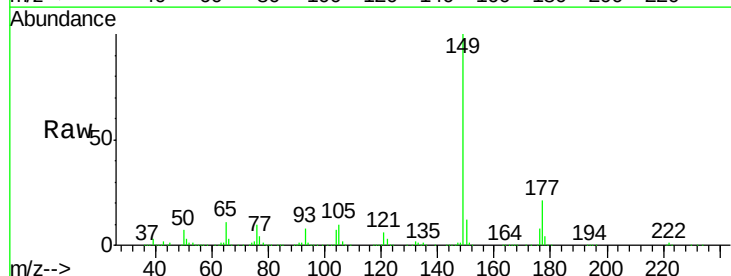
Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

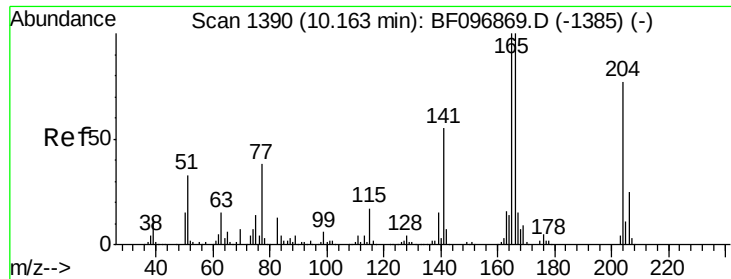
Tot Ion:232 Resp: 166414
 Ion Ratio Lower Upper
 232 100
 131 59.2 44.8 67.2
 130 2.7 2.3 3.5
 166 34.5 29.0 43.4



#59
 Diethylphthalate
 Concen: 43.27 ng
 RT: 9.99 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion:149 Resp: 803213
 Ion Ratio Lower Upper
 149 100
 177 20.6 16.7 25.1
 150 12.3 10.2 15.2

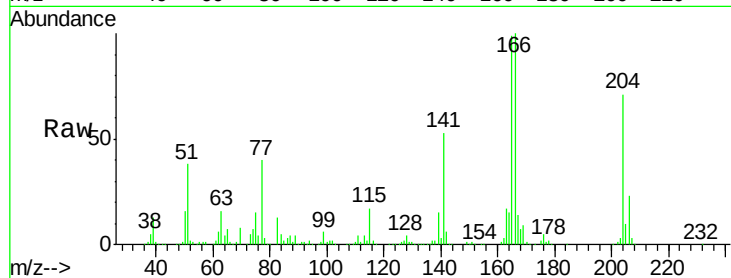




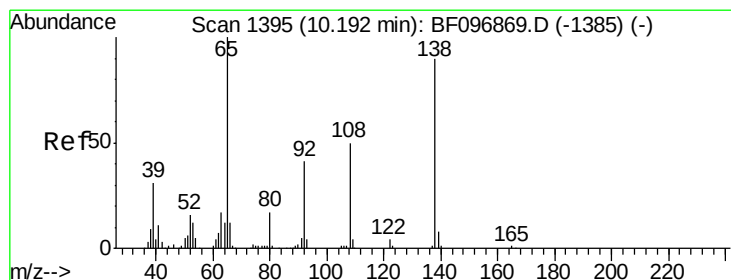
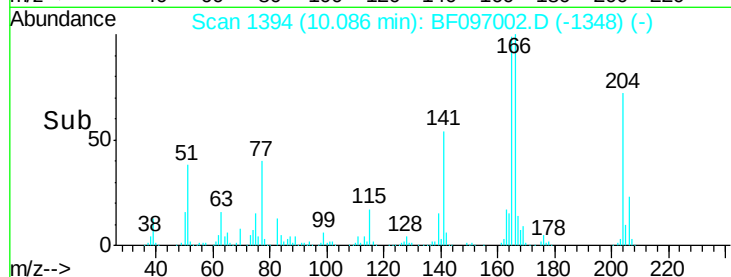
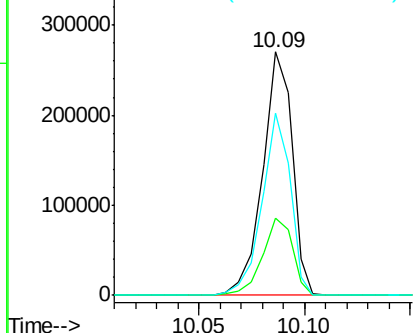
#60
4-Chlorophenyl-phenylether
Concen: 39.50 ng
RT: 10.09 min Scan# 1394
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

Tot Ion:204 Resp: 263570
Ion Ratio Lower Upper
204 100
206 31.8 26.2 39.2
141 74.8 60.8 91.2

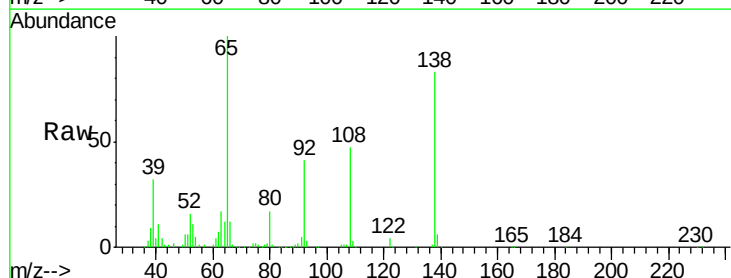


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

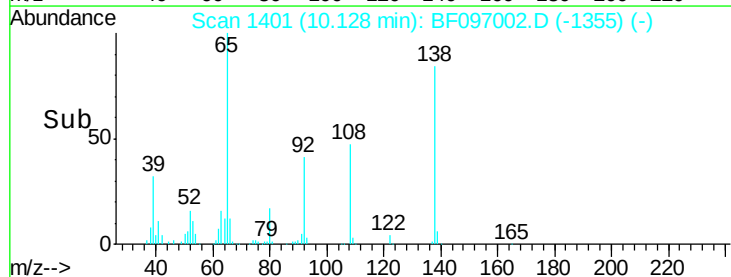
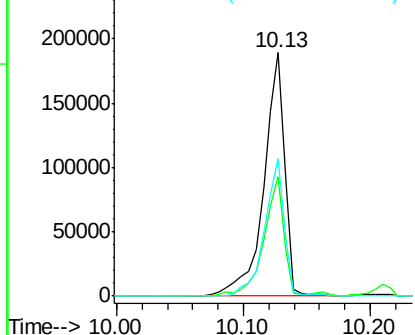


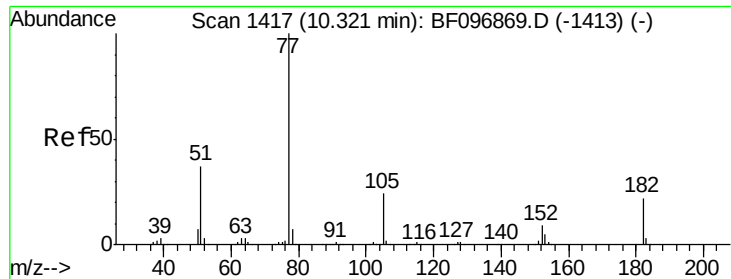
#61
4-Nitroaniline
Concen: 47.03 ng
RT: 10.13 min Scan# 1401
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion:138 Resp: 216103
Ion Ratio Lower Upper
138 100
92 49.0 21.8 61.8
108 56.5 42.3 82.3



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





#62

Azobenzene

Concen: 50.38 ng

RT: 10.25 min Scan# 1422

Delta R.T. -0.02 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Instrument :

BNA_F

ClientSampleId :

295-N-1-(0-2)MSD

Tot Ion: 77 Resp: 825006

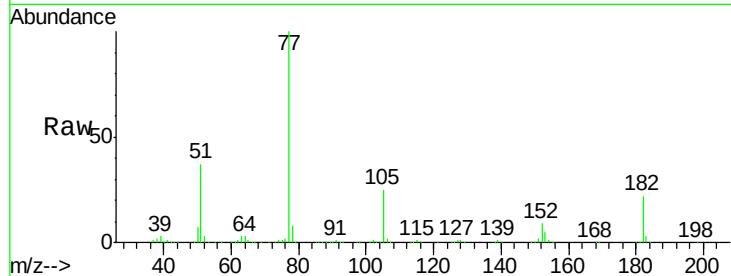
Ion Ratio Lower Upper

77 100

182 22.2 0.1 40.1

105 24.9 3.6 43.6

51 36.7 9.4 49.4

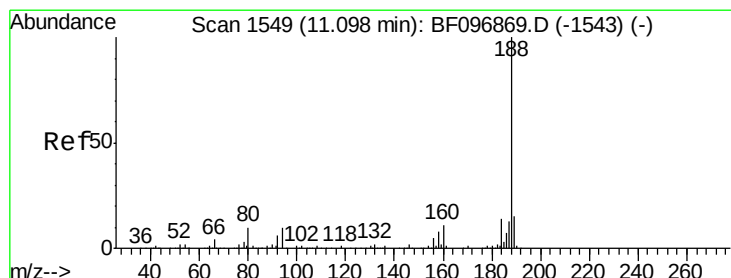
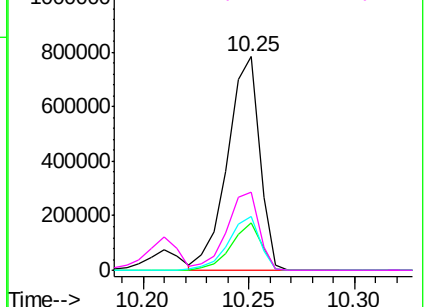
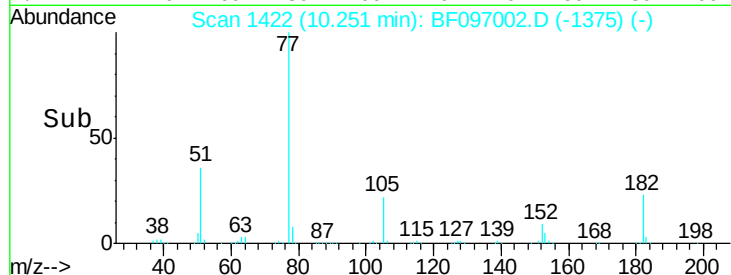


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.02 min Scan# 1553

Delta R.T. -0.03 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

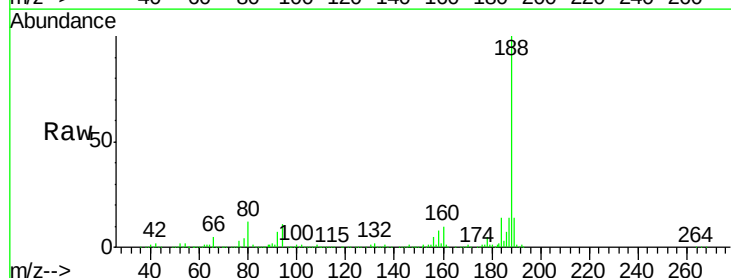
Tgt Ion: 188 Resp: 429834

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

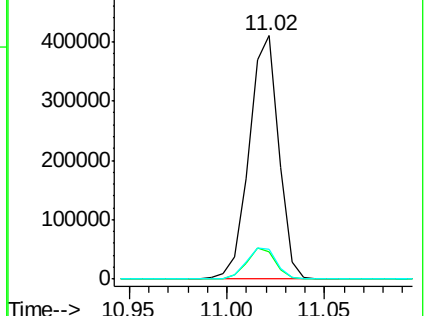
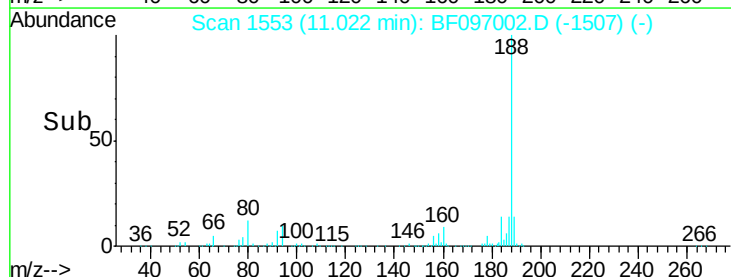
80 12.0 10.2 15.2

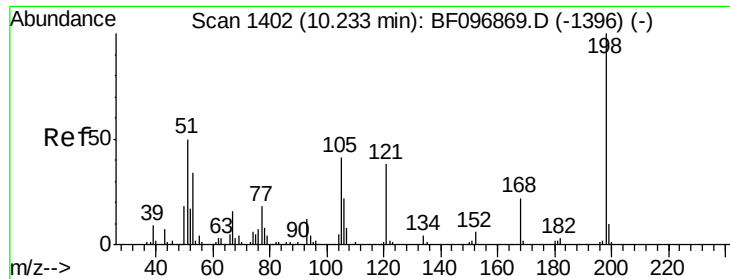


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

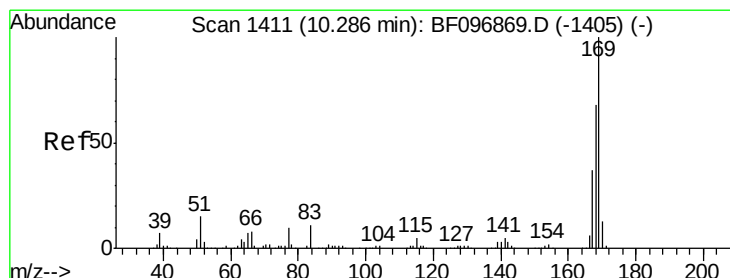
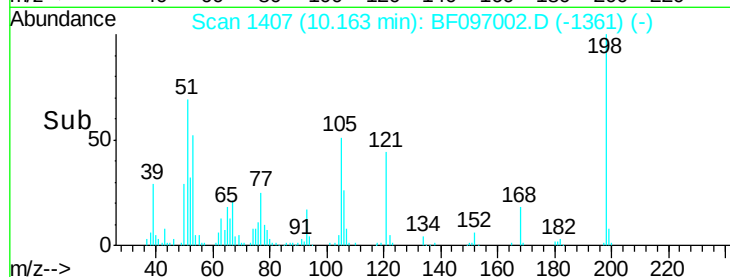
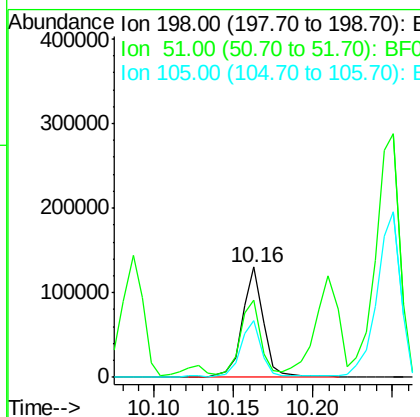
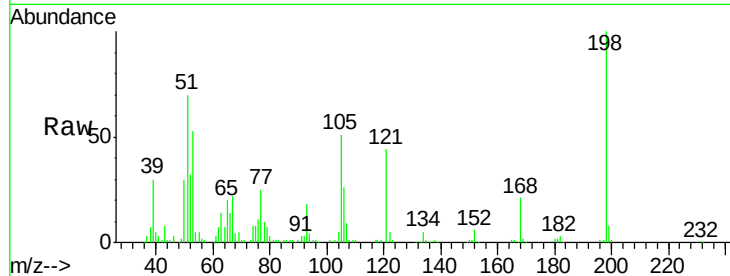




#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.55 ng
 RT: 10.16 min Scan# 1407
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

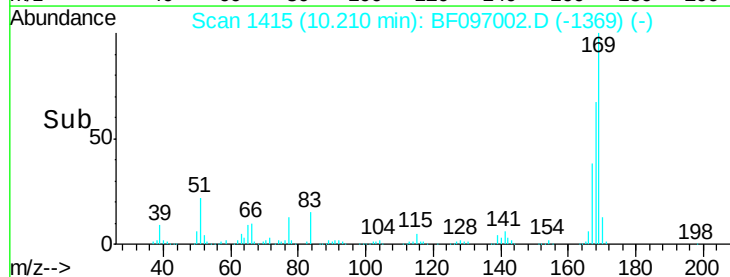
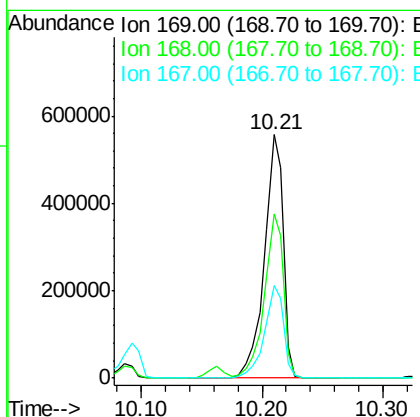
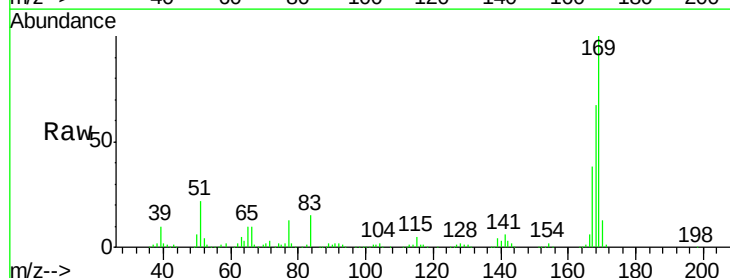
Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

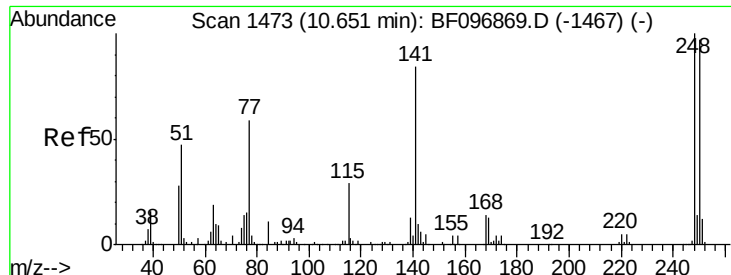
Tot Ion:198 Resp: 120226
 Ion Ratio Lower Upper
 198 100
 51 69.8 53.2 93.2
 105 51.3 45.8 85.8



#65
 n-Nitrosodiphenylamine
 Concen: 39.71 ng
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion:169 Resp: 610111
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.2 79.8
 167 38.2 29.5 44.3

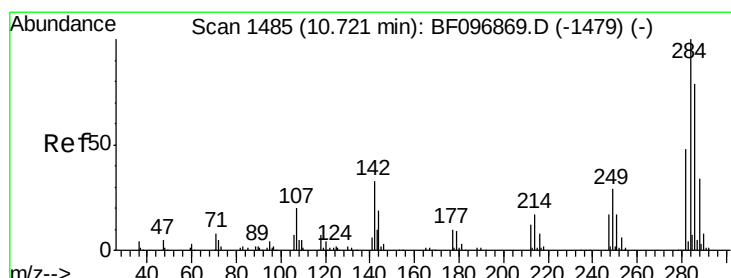
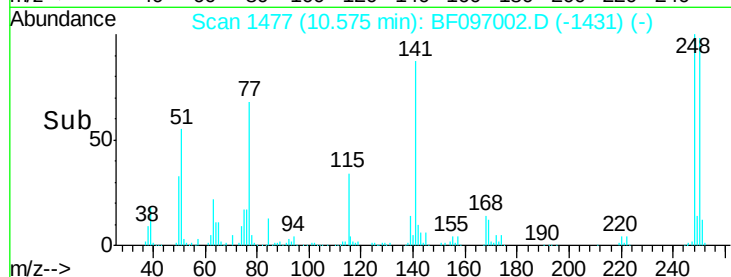
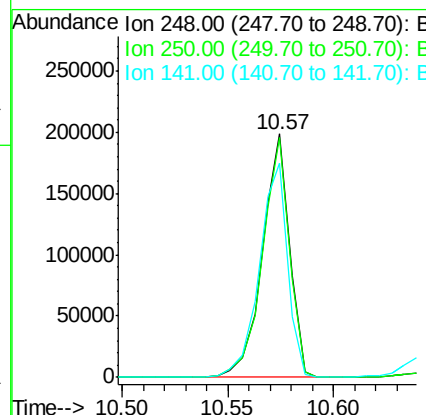
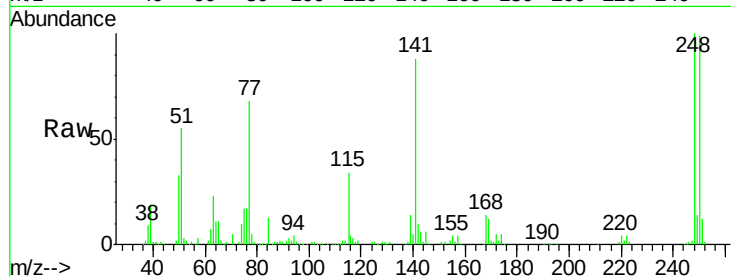




#66
4-Bromophenyl-phenylether
Concen: 40.46 ng
RT: 10.57 min Scan# 1477
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

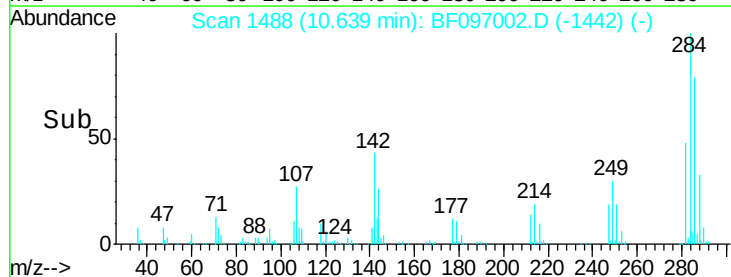
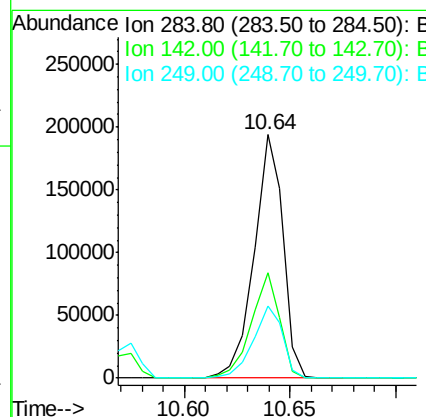
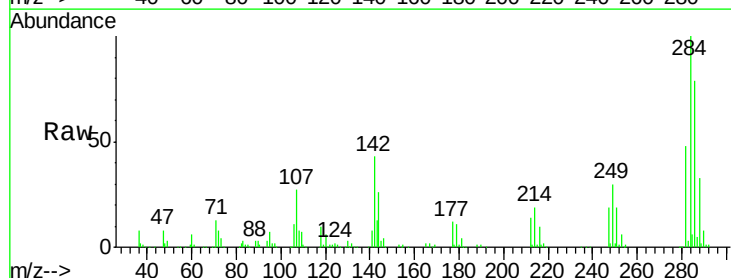
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

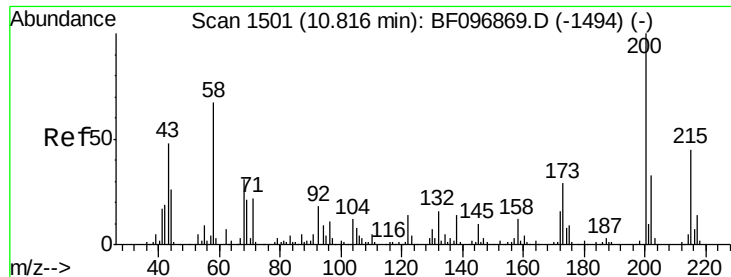
Tot Ion:248 Resp: 177560
Ion Ratio Lower Upper
248 100
250 98.6 76.8 115.2
141 87.9 68.6 103.0



#67
Hexachlorobenzene
Concen: 37.79 ng
RT: 10.64 min Scan# 1488
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion:284 Resp: 184692
Ion Ratio Lower Upper
284 100
142 43.4 22.8 34.2#
249 29.6 24.0 36.0

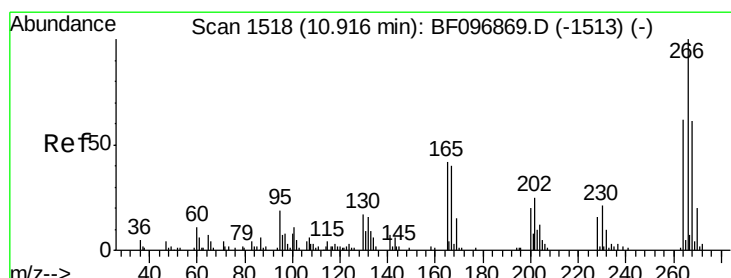
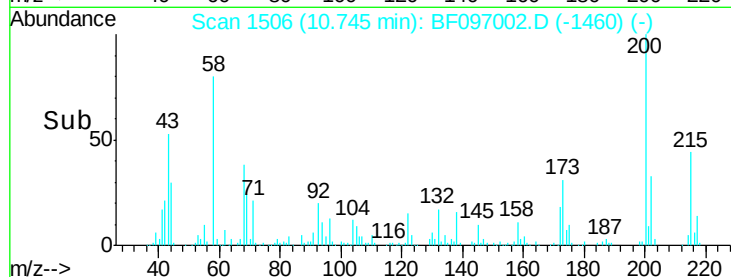
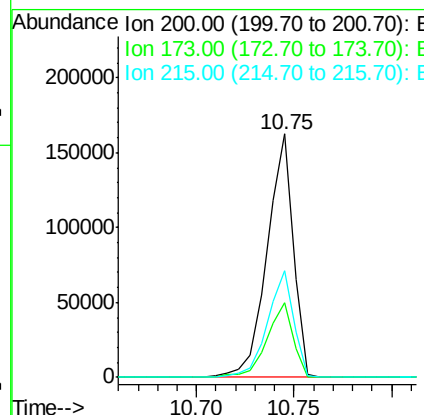
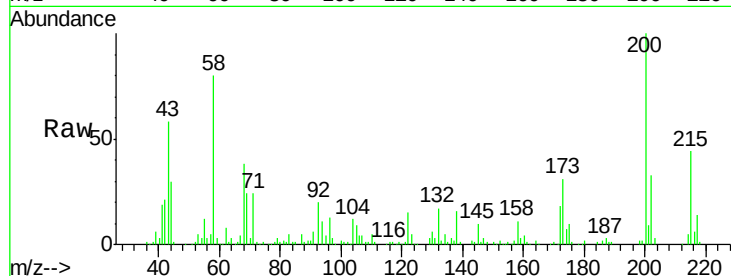




#68
Atrazine
Concen: 34.44 ng
RT: 10.75 min Scan# 1506
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

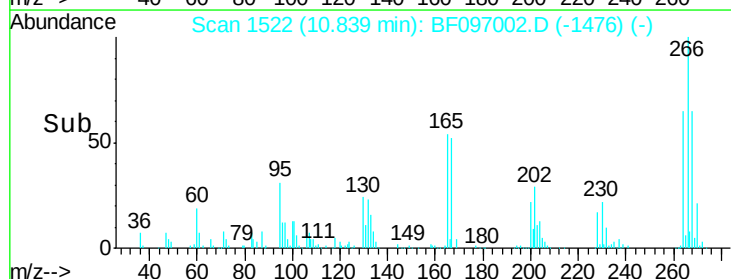
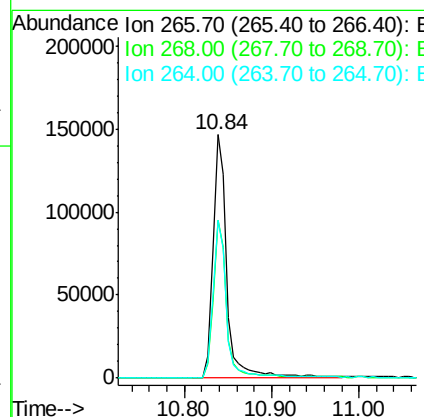
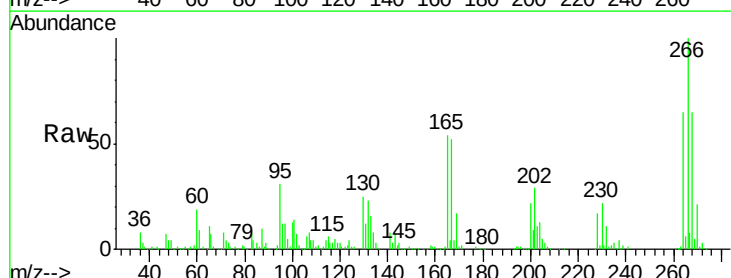
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

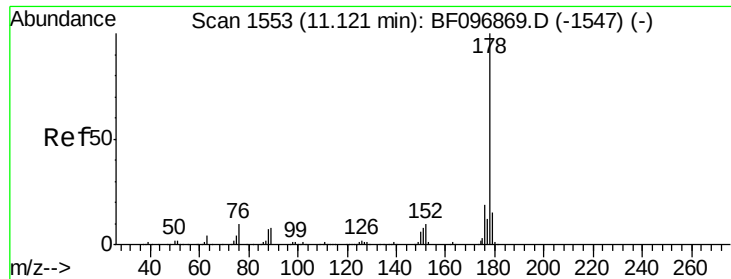
Tot Ion:200 Resp: 150772
Ion Ratio Lower Upper
200 100
173 30.8 6.3 46.3
215 43.9 27.2 67.2



#69
Pentachlorophenol
Concen: 69.04 ng
RT: 10.84 min Scan# 1522
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion:266 Resp: 163026
Ion Ratio Lower Upper
266 100
268 64.6 51.1 76.7
264 64.8 51.7 77.5

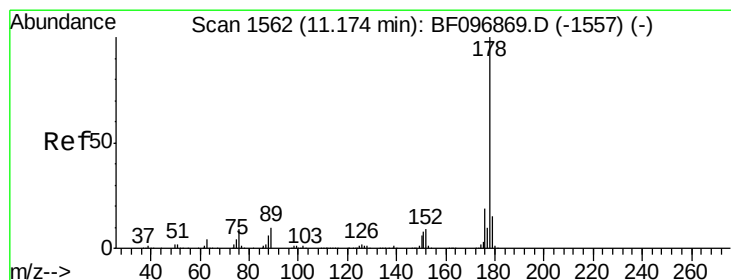
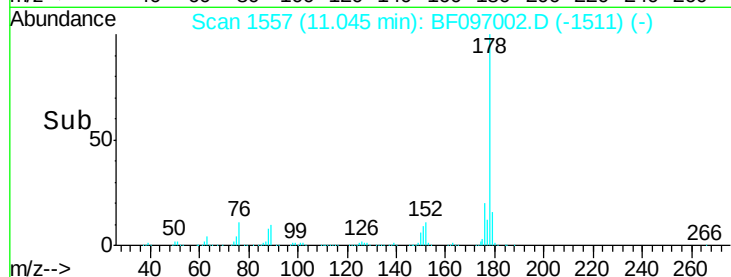
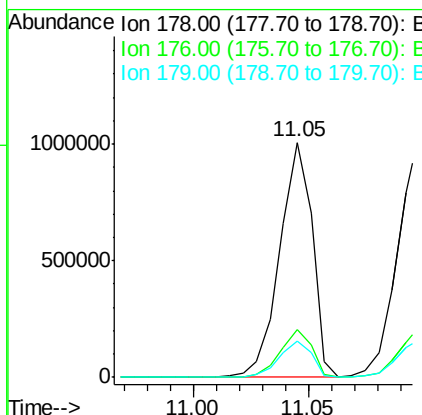
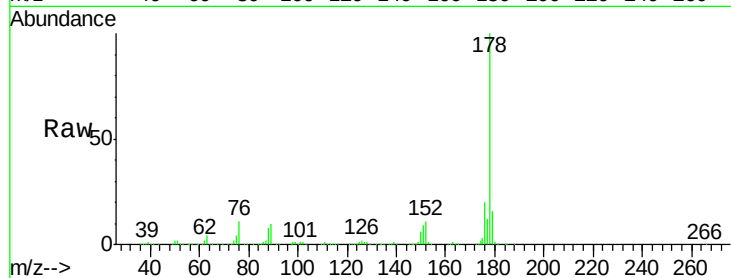




#70
Phenanthrene
Concen: 42.10 ng
RT: 11.05 min Scan# 1557
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

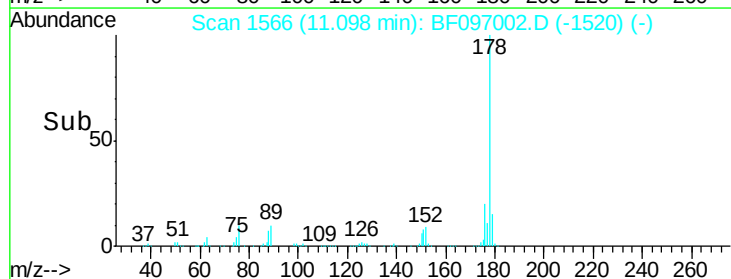
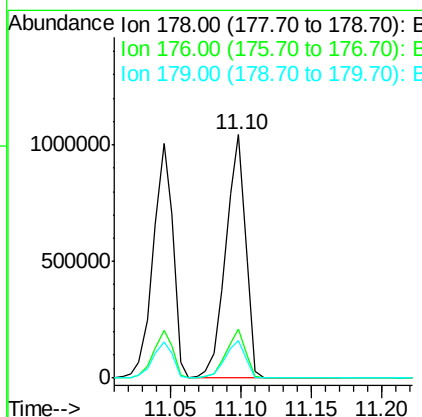
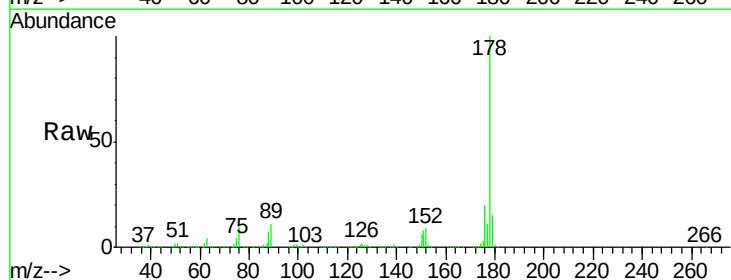
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

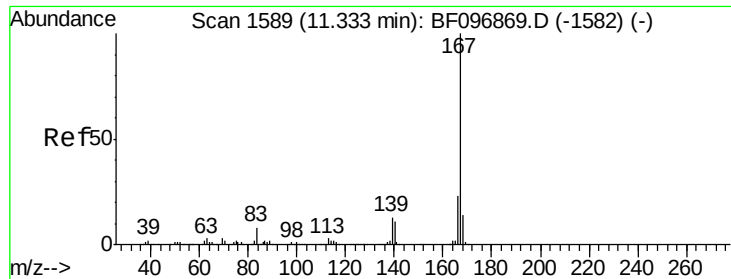
Tot Ion:178 Resp: 983869
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 15.7 12.6 19.0



#71
Anthracene
Concen: 43.27 ng
RT: 11.10 min Scan# 1566
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion:178 Resp: 1022577
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 15.5 12.7 19.1

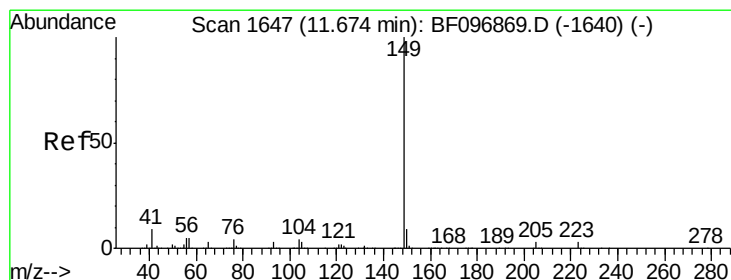
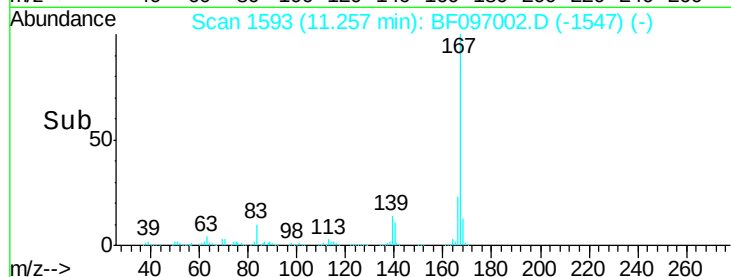
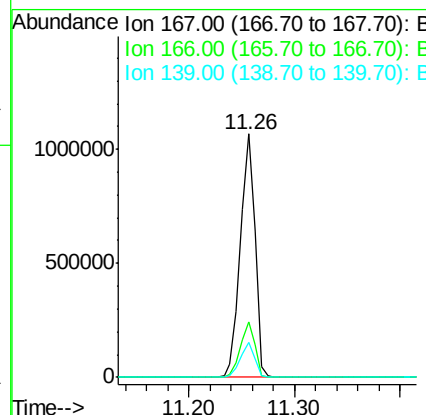
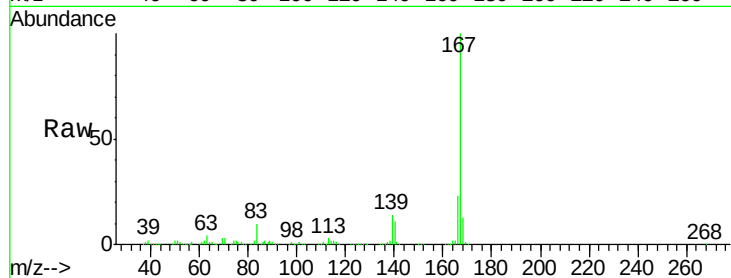




#72
 Carbazole
 Concen: 44.39 ng
 RT: 11.26 min Scan# 1593
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

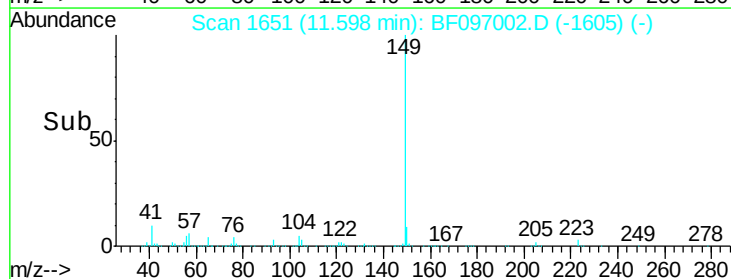
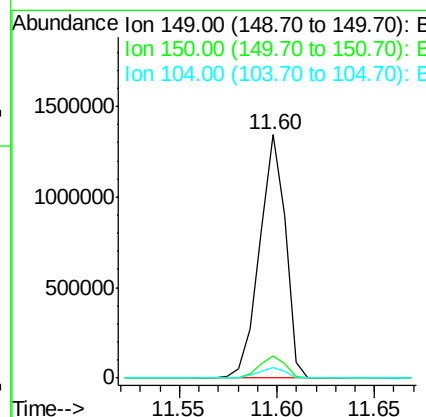
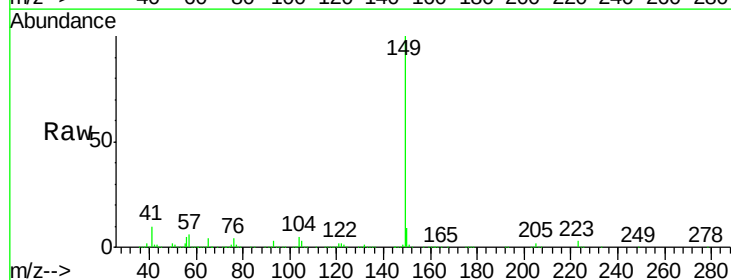
Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

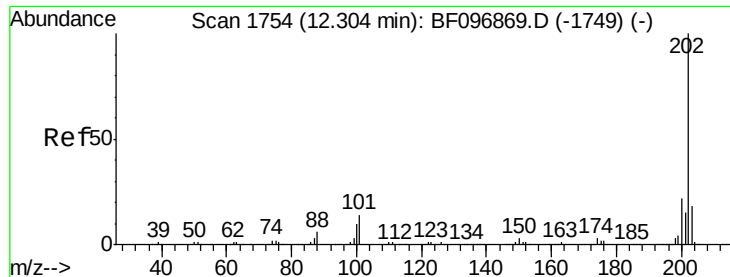
Tot Ion:167 Resp: 1015824
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 14.2 11.7 17.5



#73
 Di-n-butylphthalate
 Concen: 43.43 ng
 RT: 11.60 min Scan# 1651
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion:149 Resp: 1237599
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 4.6 4.0 6.0

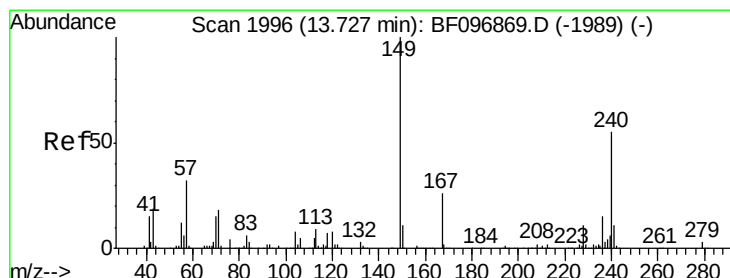
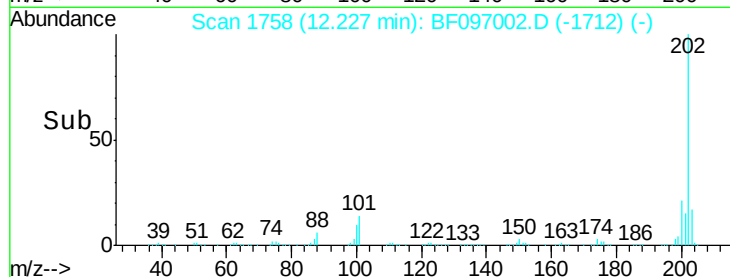
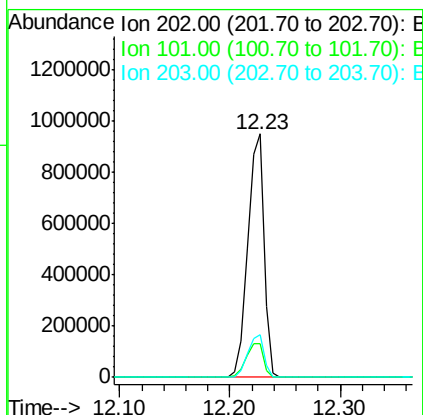
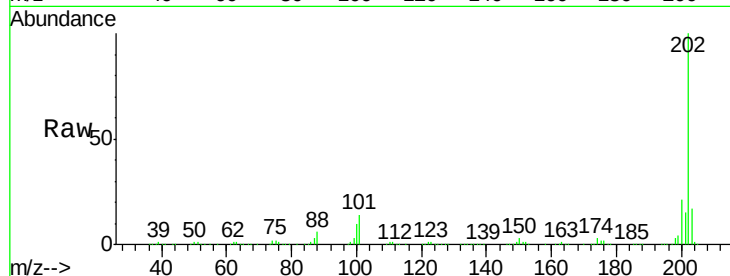




#74
 Fluoranthene
 Concen: 44.12 ng
 RT: 12.23 min Scan# 1758
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

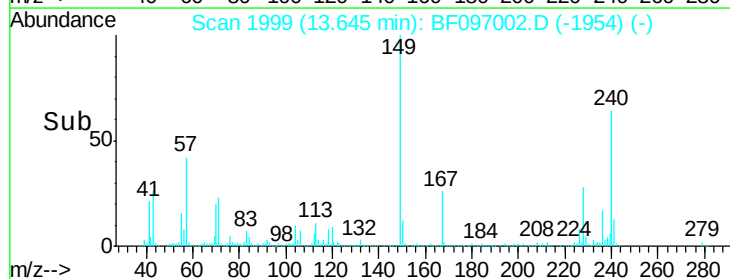
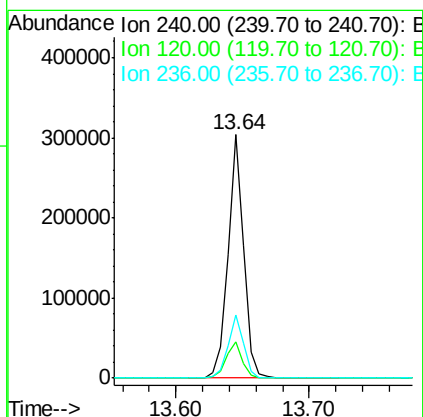
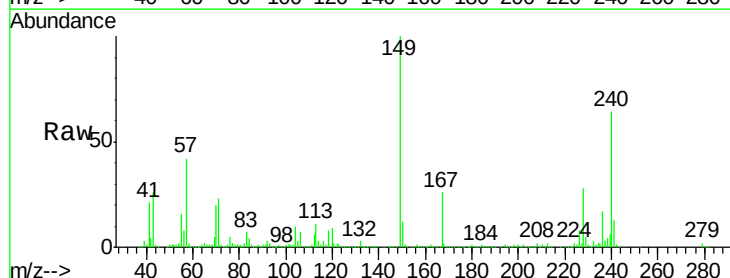
Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

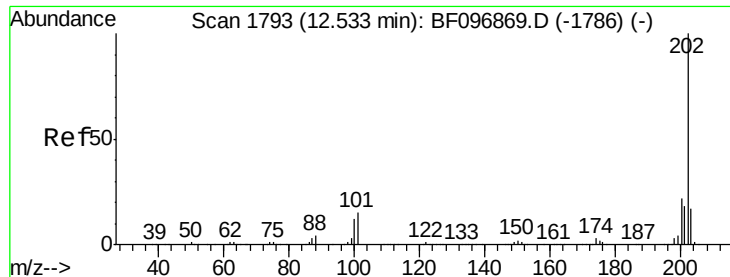
Tot Ion:202 Resp: 986972
 Ion Ratio Lower Upper
 202 100
 101 13.7 0.0 33.2
 203 17.5 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.64 min Scan# 1999
 Delta R.T. -0.04 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion:240 Resp: 252044
 Ion Ratio Lower Upper
 240 100
 120 14.6 5.8 8.8#
 236 26.0 20.5 30.7

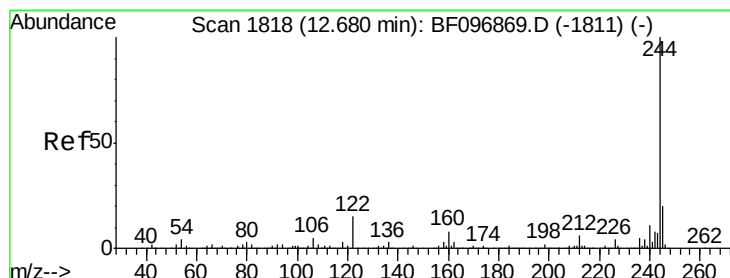
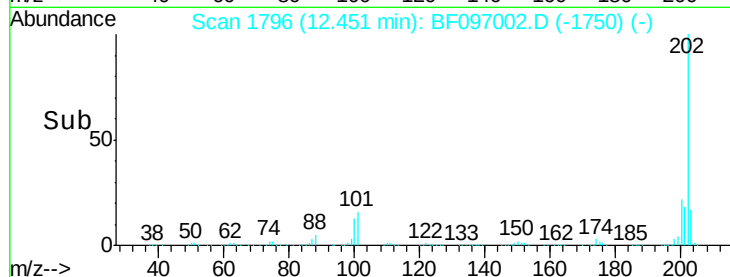
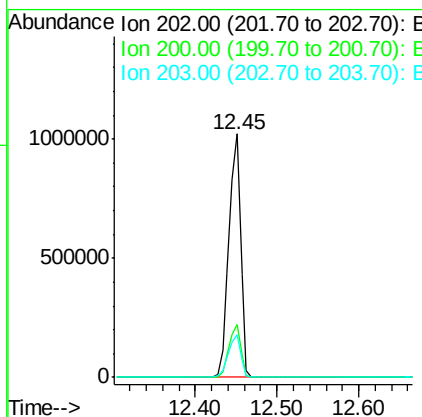
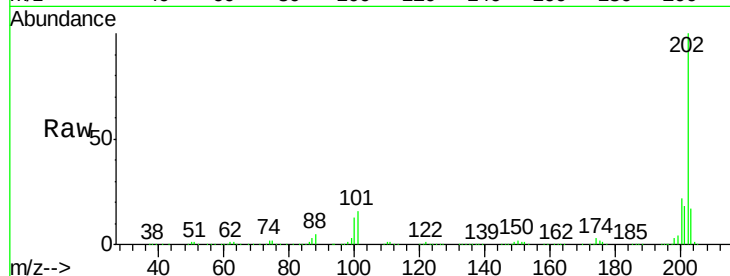




#77
Pvrene
Concen: 44.80 ng
RT: 12.45 min Scan# 1796
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

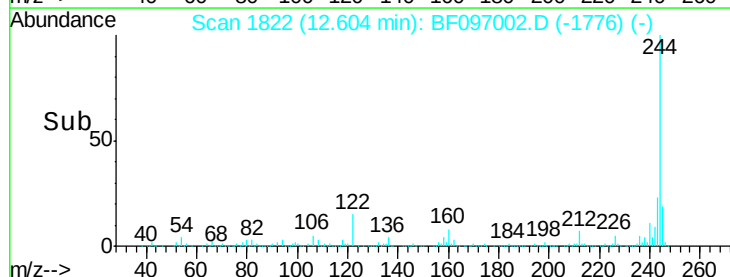
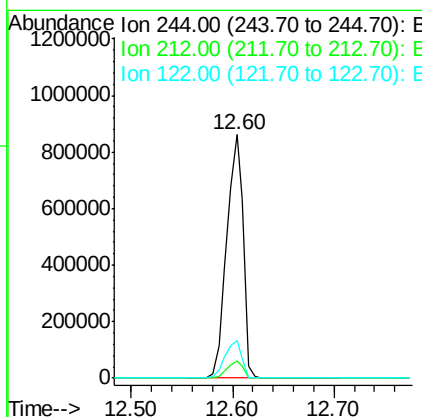
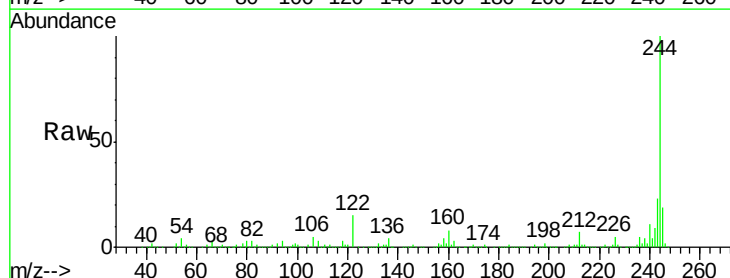
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

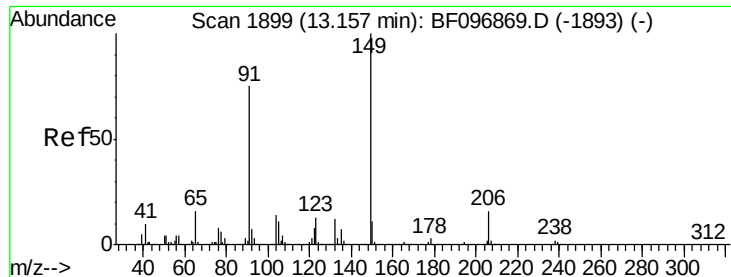
Tot Ion:202 Resp: 1024734
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.4 14.4 21.6



#78
Terphenyl-d14
Concen: 66.87 ng
RT: 12.60 min Scan# 1822
Delta R.T. -0.03 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion:244 Resp: 971906
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 15.3 10.3 15.5

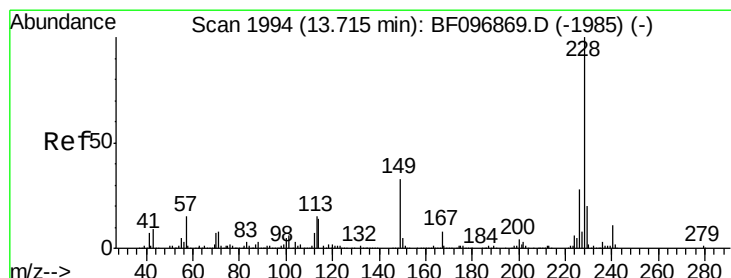
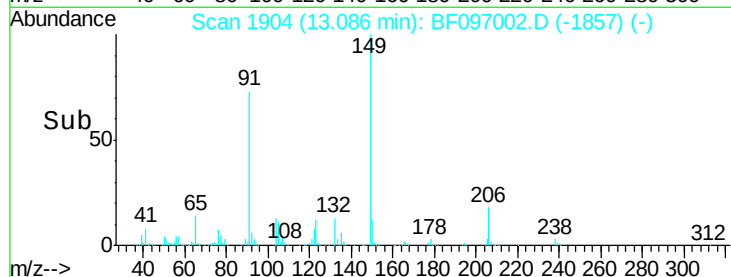
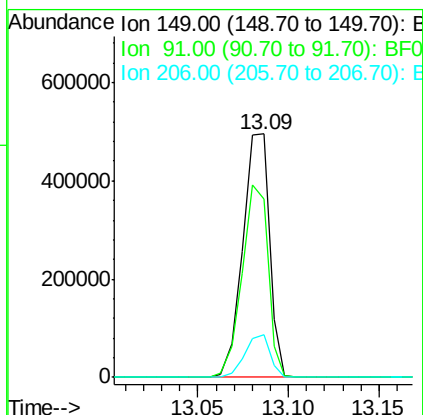
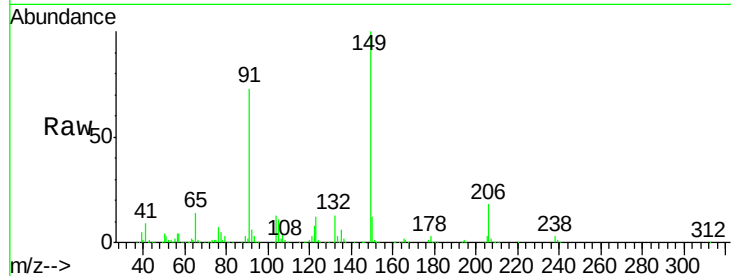




#79
Butylbenzylphthalate
Concen: 46.95 ng
RT: 13.09 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

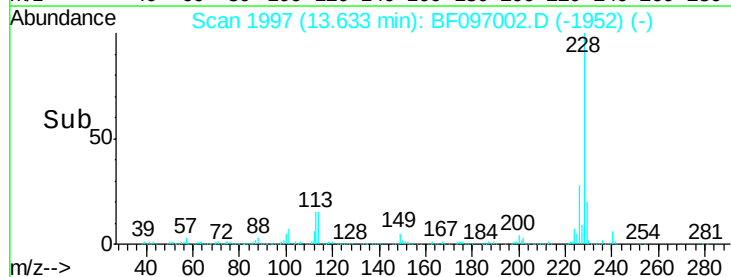
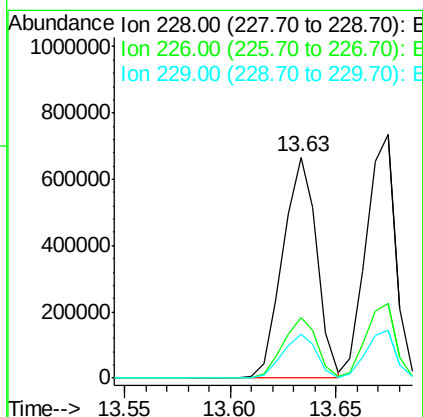
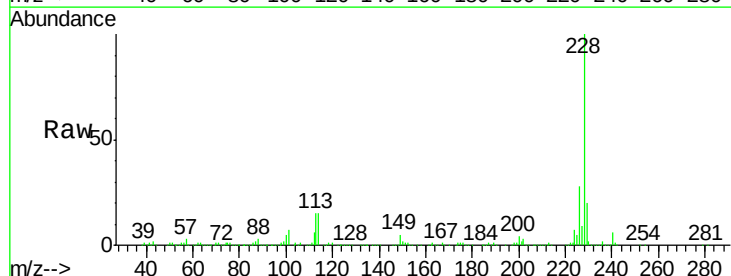
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

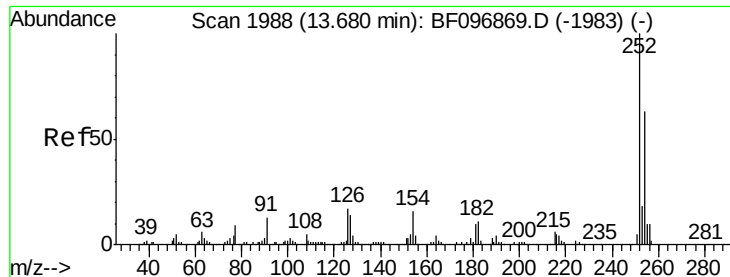
Tot Ion:149 Resp: 510229
Ion Ratio Lower Upper
149 100
91 73.0 45.0 67.4#
206 17.6 17.0 25.6



#80
Benzo(a)anthracene
Concen: 47.55 ng
RT: 13.63 min Scan# 1997
Delta R.T. -0.04 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion:228 Resp: 746694
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 20.0 16.3 24.5

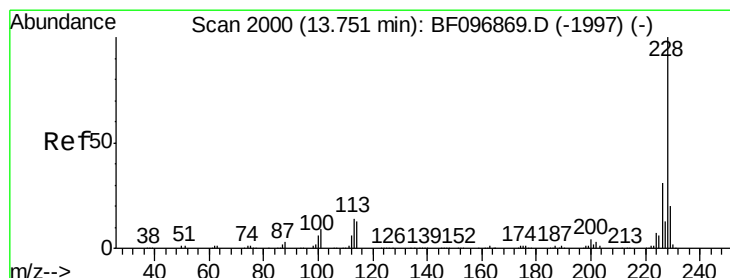
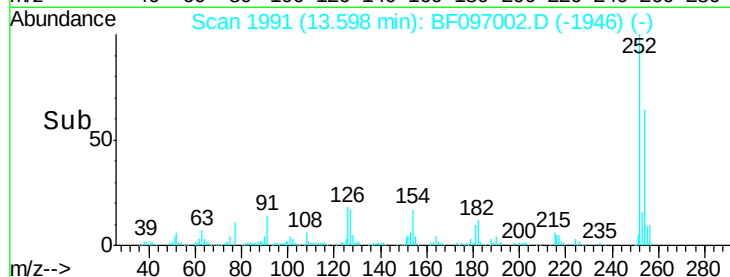
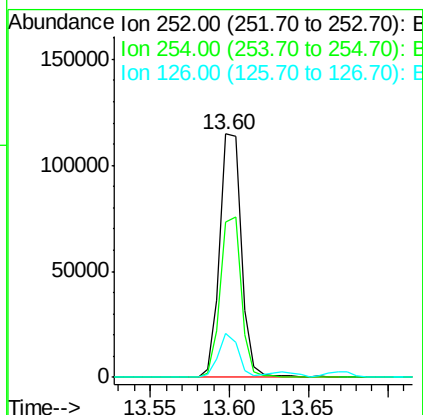
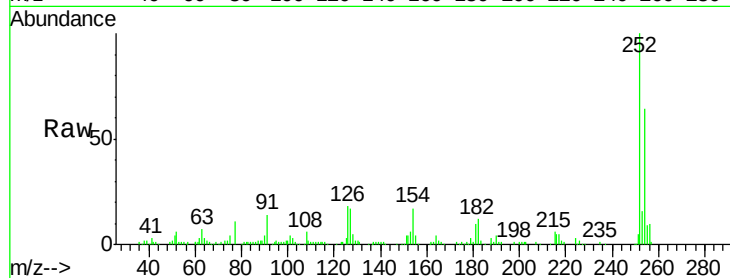




#81
 3,3'-Dichlorobenzidine
 Concen: 19.38 ng
 RT: 13.60 min Scan# 1991
 Delta R.T. -0.04 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

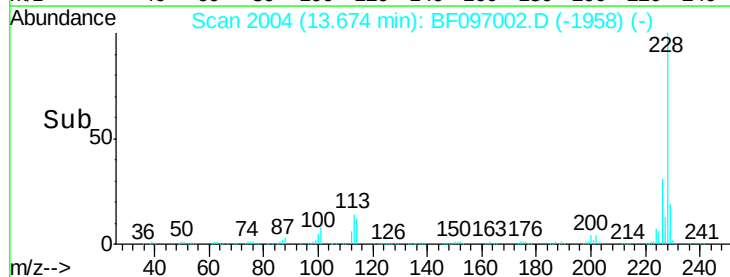
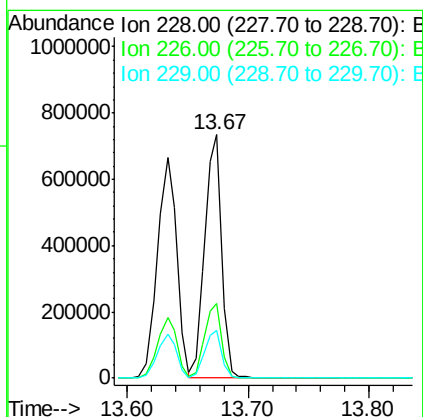
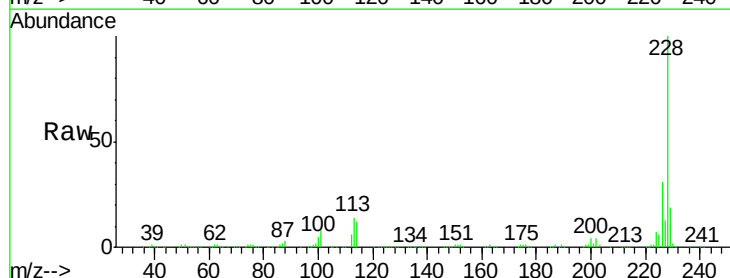
Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

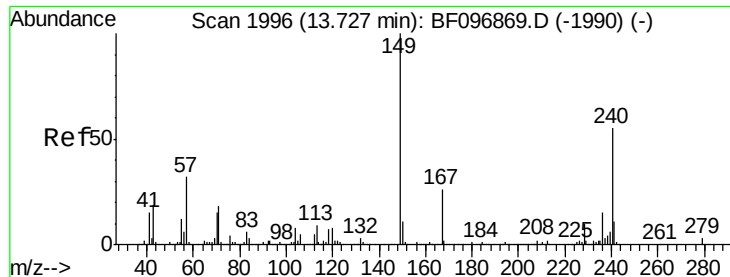
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.5	77.3
126	17.9	15.8	23.8



#82
 Chrysene
 Concen: 46.17 ng
 RT: 13.67 min Scan# 2004
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	19.4	15.8	23.6

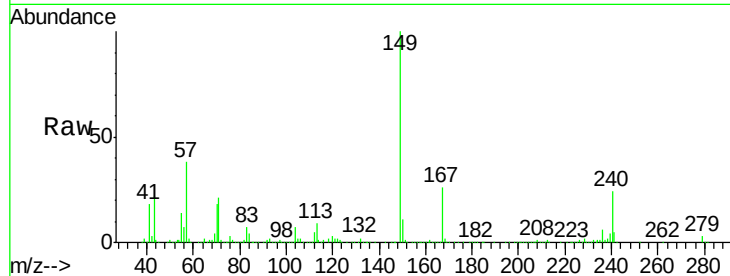




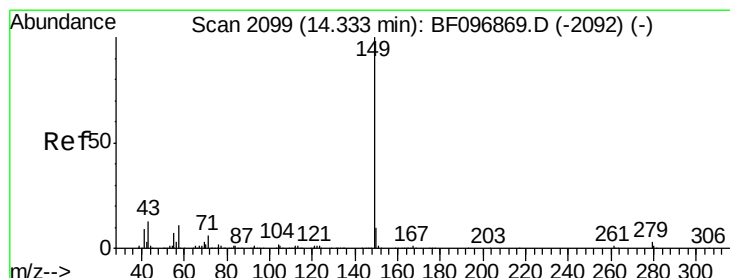
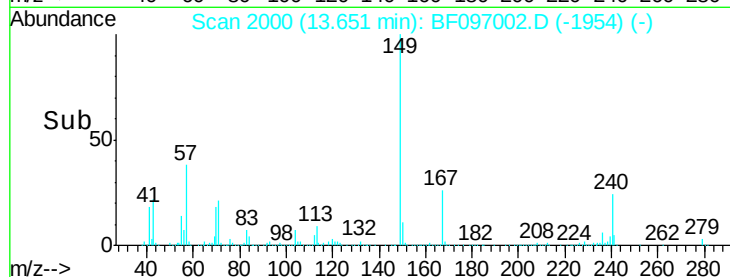
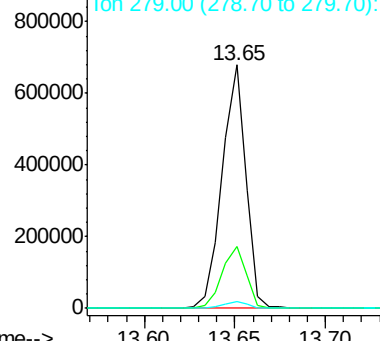
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.61 ng
 RT: 13.65 min Scan# 2000
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

Tot Ion:149 Resp: 616856
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.0 31.4
 279 2.6 1.9 2.9

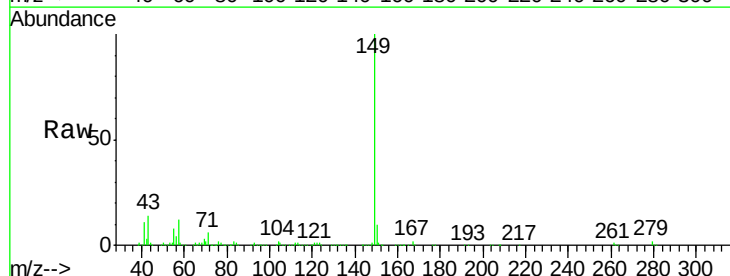


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

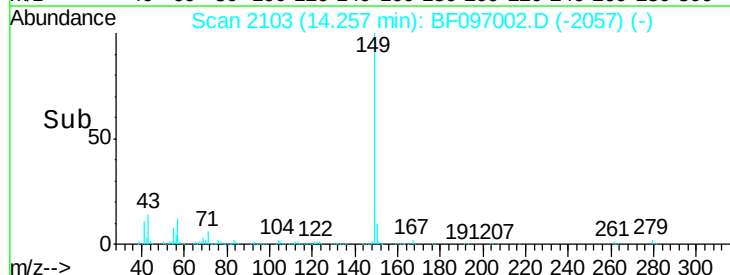
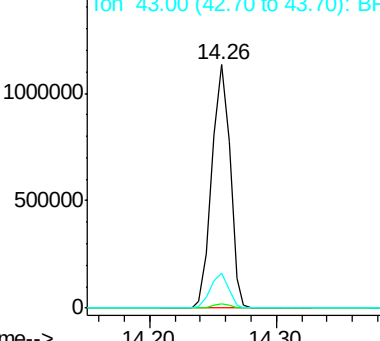


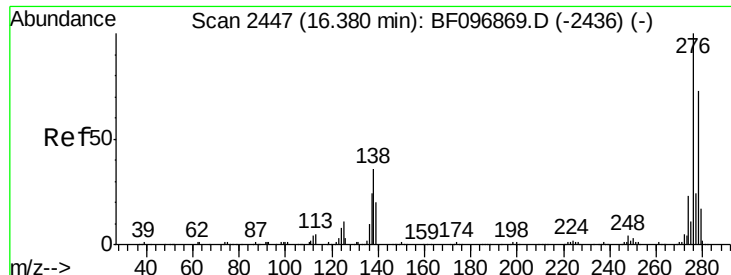
#84
 Di-n-octyl phthalate
 Concen: 51.15 ng
 RT: 14.26 min Scan# 2103
 Delta R.T. -0.03 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion:149 Resp: 1119169
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 14.1 8.5 12.7#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

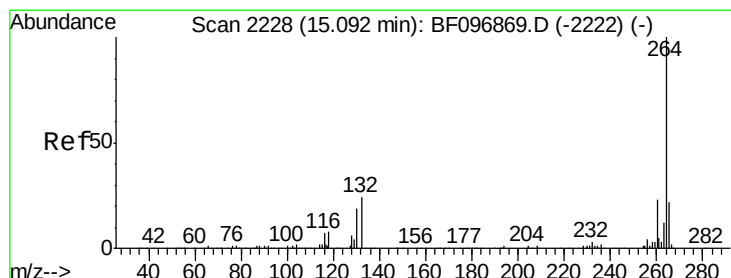
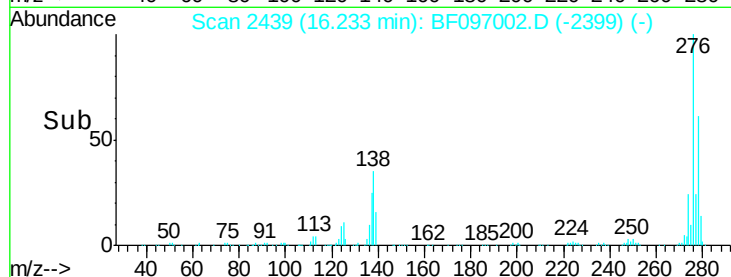
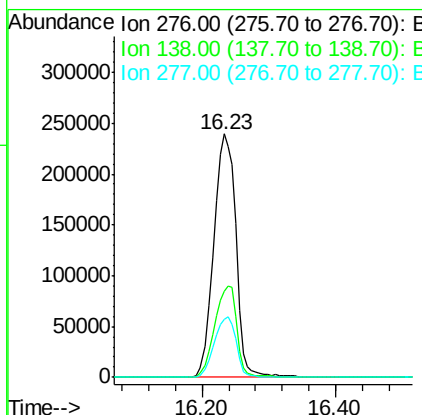
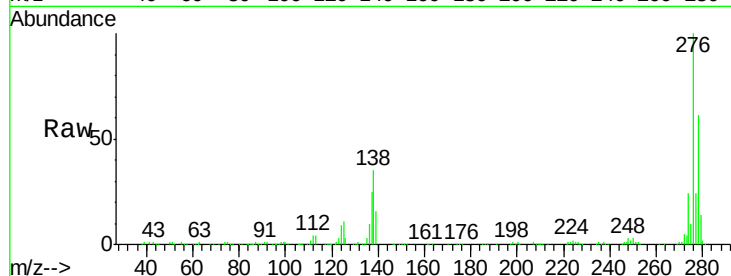




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.09 ng
 RT: 16.23 min Scan# 2439
 Delta R.T. -0.06 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

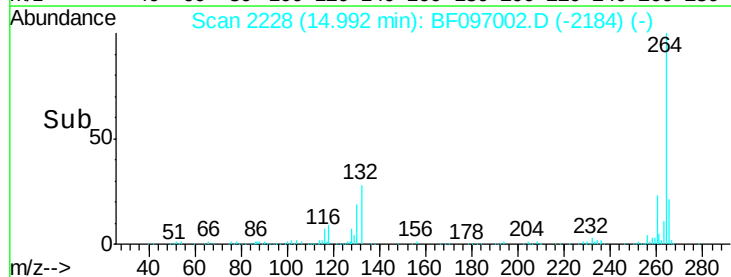
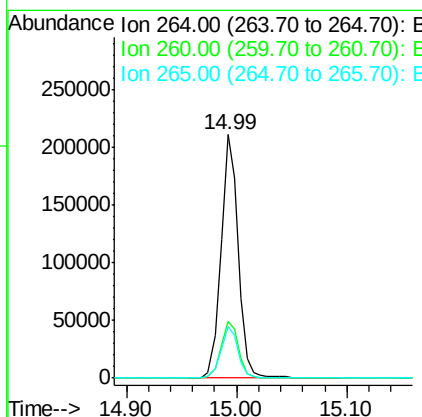
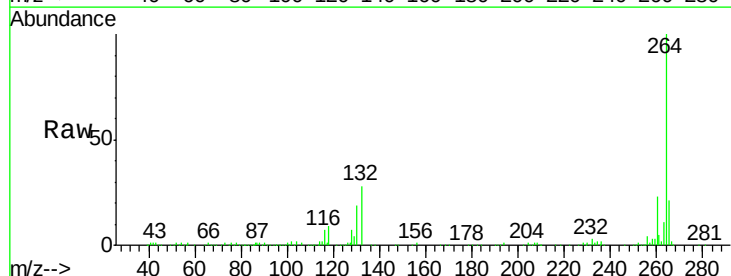
Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MSD

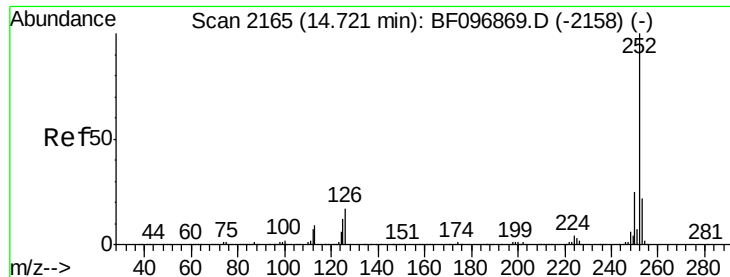
Tot Ion:276 Resp: 561236
 Ion Ratio Lower Upper
 276 100
 138 37.6 27.8 41.6
 277 24.6 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 2228
 Delta R.T. -0.04 min
 Lab File: BF097002.D
 Acq: 24 Jul 2017 23:10

Tgt Ion:264 Resp: 229015
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.0 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 44.14 ng

RT: 14.63 min Scan# 2167

Delta R.T. -0.04 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

Instrument :

BNA_F

ClientSampleId :

295-N-1-(0-2)MSD

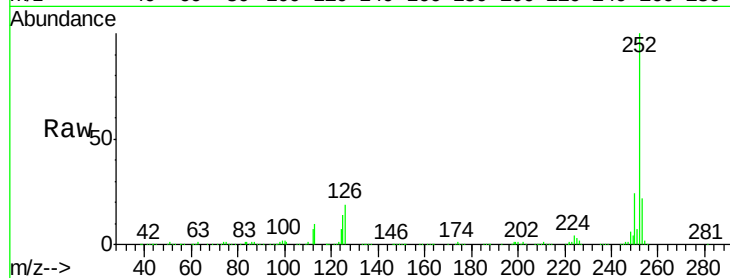
Tot Ion:252 Resp: 609725

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

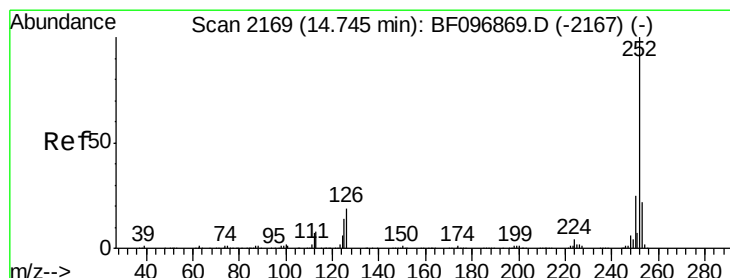
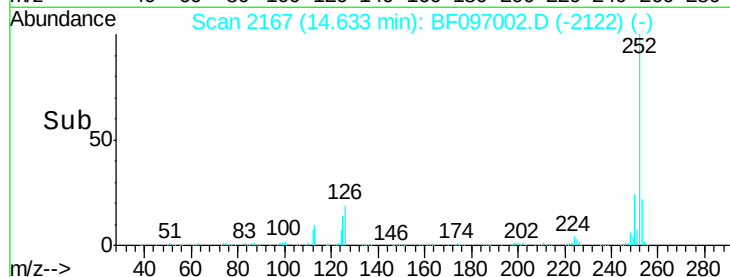
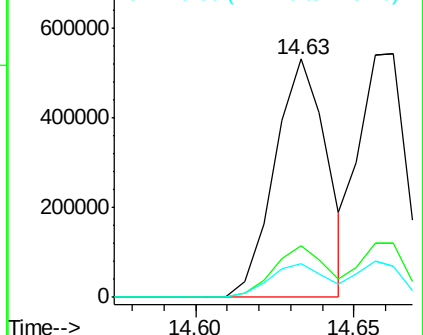
125 14.1 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.62 ng

RT: 14.63 min Scan# 2167

Delta R.T. -0.06 min

Lab File: BF097002.D

Acq: 24 Jul 2017 23:10

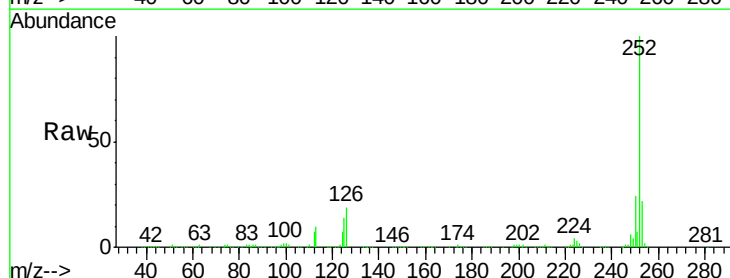
Tgt Ion:252 Resp: 609725

Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

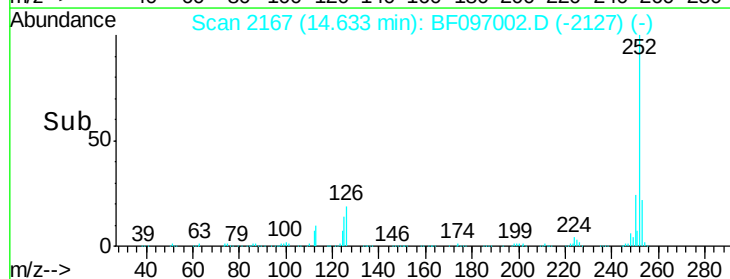
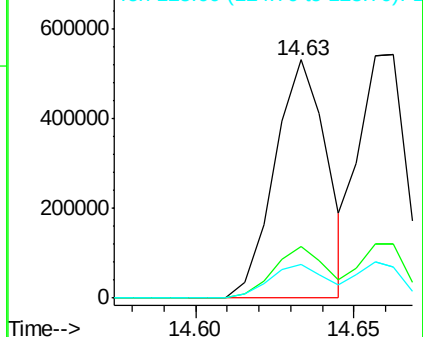
125 14.1 13.1 19.7

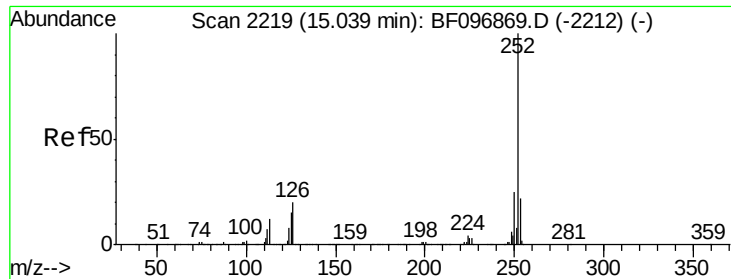


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

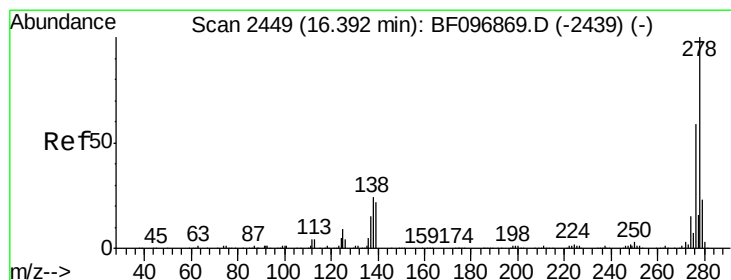
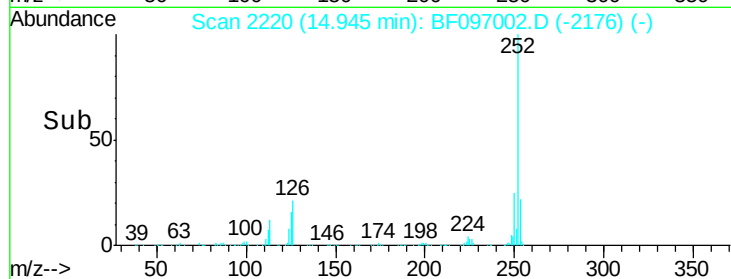
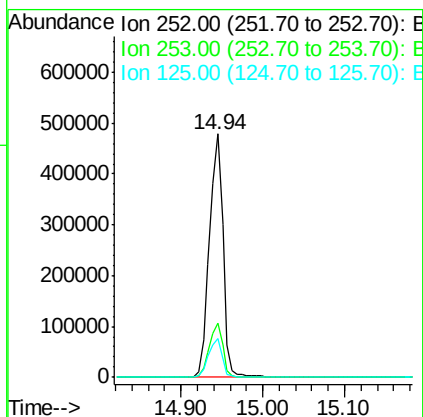
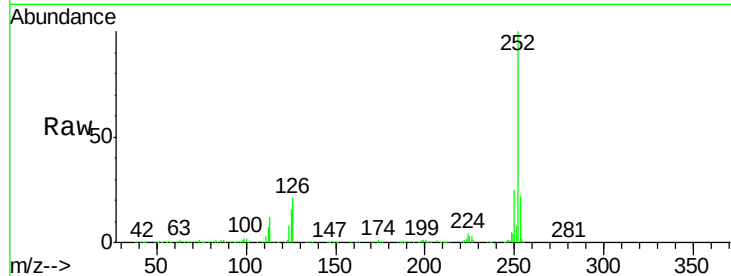




#89
Benzo(a)pyrene
Concen: 44.22 ng
RT: 14.94 min Scan# 2220
Delta R.T. -0.04 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

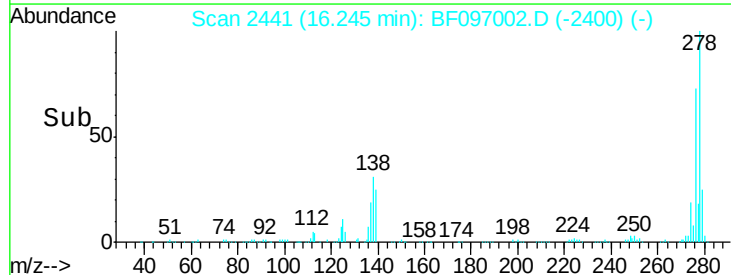
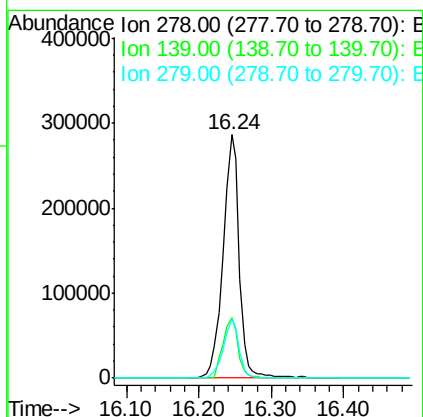
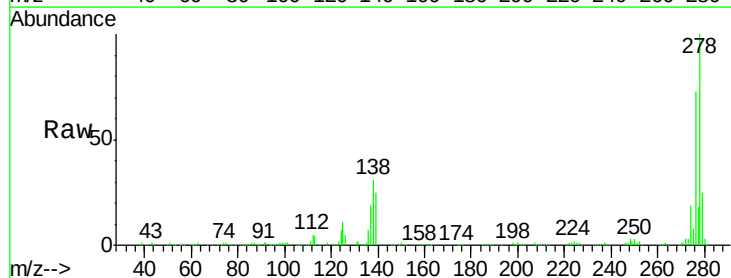
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MSD

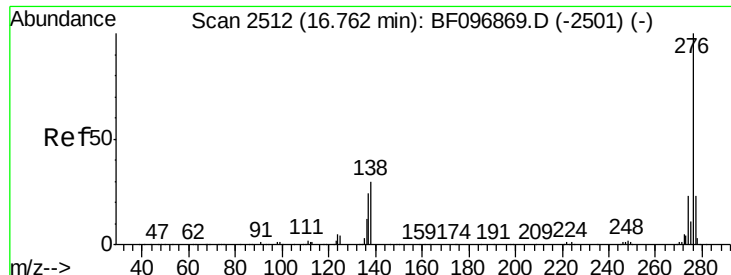
Tot Ion:252 Resp: 560201
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 15.8 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 38.20 ng
RT: 16.24 min Scan# 2441
Delta R.T. -0.06 min
Lab File: BF097002.D
Acq: 24 Jul 2017 23:10

Tgt Ion:278 Resp: 445231
Ion Ratio Lower Upper
278 100
139 24.8 16.6 24.8
279 24.5 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 39.65 ng

RT: 16.60 min Scan# 2502

Delta R.T. -0.06 min

Lab File: BF097002.D

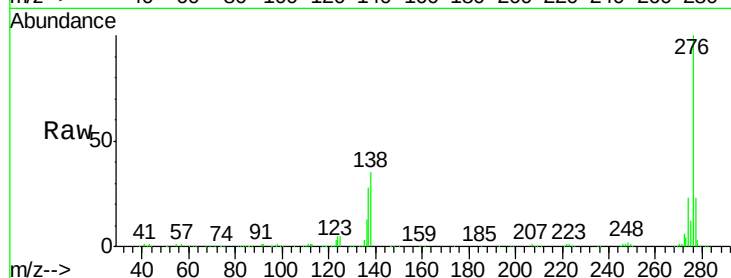
Acq: 24 Jul 2017 23:10

Instrument :

BNA_F

ClientSampleId :

295-N-1-(0-2)MSD



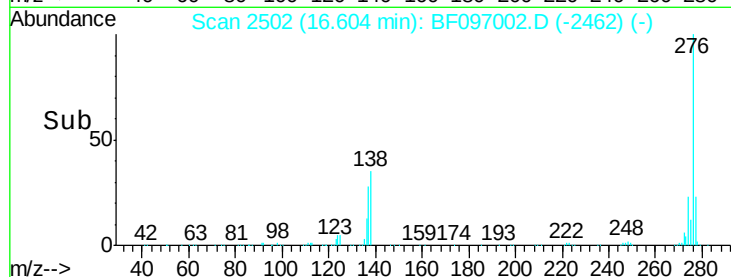
Tot Ion: 276 Resp: 494893

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 35.2 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

