

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
 Data File : BF097392.D
 Acq On : 5 Aug 2017 12:53
 Operator : SJ/JU
 Sample : PB101266BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 06 01:05:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.42	152	113213	20.00	ng	-0.08
21) Naphthalene-d8	7.71	136	463116	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	200349	20.00	ng	-0.08
63) Phenanthrene-d10	10.93	188	345711	20.00	ng	-0.08
75) Chrysene-d12	13.54	240	221195	20.00	ng	-0.08
86) Perylene-d12	14.88	264	189507	20.00	ng	-0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.04	112	896651	119.39	ng	-0.06
7) Phenol-d6	6.11	99	1043822	121.75	ng	-0.06
23) Nitrobenzene-d5	7.00	82	599514	75.94	ng	-0.08
41) 2,4,6-Tribromophenol	10.25	330	189754	119.87	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	996468	84.41	ng	-0.08
78) Terphenyl-d14	12.51	244	809071	74.58	ng	-0.08

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.00	88	122637	39.13	ng	# 73
3) Pyridine	2.61	79	348796	36.35	ng	# 64
4) n-Nitrosodimethylamine	2.56	42	212929	40.05	ng	# 76
6) Aniline	6.10	93	139990	12.98	ng	# 64
8) 2-Chlorophenol	6.22	128	323218	40.25	ng	94
9) Benzaldehyde	5.97	77	124211	24.48	ng	96
10) Phenol	6.12	94	432024	42.48	ng	96
11) bis(2-Chloroethyl)ether	6.17	93	350262	43.55	ng	91
12) 1,3-Dichlorobenzene	6.36	146	340569	39.35	ng	98
13) 1,4-Dichlorobenzene	6.44	146	341877	39.86	ng	94
14) 1,2-Dichlorobenzene	6.59	146	278927	37.25	ng	100
15) Benzyl Alcohol	6.60	79	254792	46.94	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.72	45	637078	39.49	ng	93
17) 2-Methylphenol	6.73	107	252917	40.81	ng	# 91
18) Hexachloroethane	6.93	117	117943	37.59	ng	# 81
19) n-Nitroso-di-n-propylamine	6.86	70	223793	39.66	ng	# 82
20) 3+4-Methylphenols	6.89	107	343796	42.47	ng	# 63
22) Acetophenone	6.85	105	421559	37.90	ng	99
24) Nitrobenzene	7.02	77	307264	37.37	ng	95
25) Isophorone	7.26	82	612054	39.59	ng	99
26) 2-Nitrophenol	7.33	139	176105	39.59	ng	# 84
27) 2,4-Dimethylphenol	7.40	122	279366	38.07	ng	97
28) bis(2-Chloroethoxy)methane	7.47	93	392239	38.88	ng	98
29) 2,4-Dichlorophenol	7.59	162	262001	41.45	ng	92
30) 1,2,4-Trichlorobenzene	7.66	180	236843	39.31	ng	98
31) Naphthalene	7.73	128	871871	39.94	ng	99
32) Benzoic acid	7.60	122	202390	36.94	ng	94
33) 4-Chloroaniline	7.80	127	73467	8.27	ng	95
34) Hexachlorobutadiene	7.85	225	120880	37.84	ng	98
36) 4-Chloro-3-methylphenol	8.31	107	270415	39.21	ng	86
37) 2-Methylnaphthalene	8.42	142	606997	43.91	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.59	216	203146	38.00	ng	99
40) Hexachlorocyclopentadiene	8.57	237	114204	62.65	ng	99
42) 2,4,6-Trichlorophenol	8.72	196	155186	40.06	ng	99

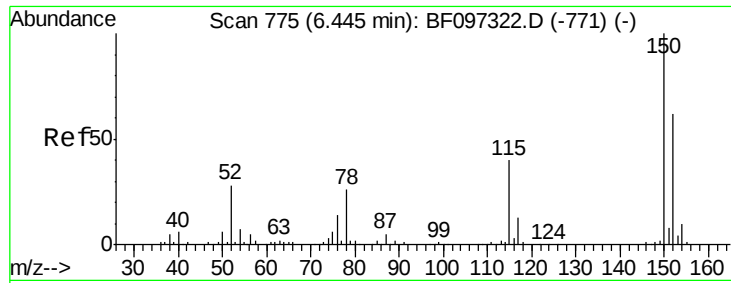
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.77	196	142144	36.66	nq	97
45) 1,1'-Biphenyl	8.89	154	649258	37.94	nq	97
46) 2-Chloronaphthalene	8.90	162	499729	39.68	nq	# 92
47) 2-Nitroaniline	9.02	65	197395	43.19	nq	91
48) Acenaphthylene	9.32	152	804113	41.60	nq	100
49) Dimethylphthalate	9.20	163	603726	39.68	nq	100
50) 2,6-Dinitrotoluene	9.26	165	131889	40.87	nq	# 78
51) Acenaphthene	9.49	154	457236	40.16	nq	99
52) 3-Nitroaniline	9.43	138	79956	19.96	nq	89
53) 2,4-Dinitrophenol	9.56	184	125077	85.25	nq	# 78
54) Dibenzofuran	9.66	168	658540	43.42	nq	92
55) 4-Nitrophenol	9.66	139	446904	187.63	nq	# 39
56) 2,4-Dinitrotoluene	9.67	165	173328	46.73	nq	# 67
57) Fluorene	10.00	166	496654	43.57	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.79	232	119336	44.57	nq	95
59) Diethylphthalate	9.89	149	609195	43.64	nq	98
60) 4-Chlorophenyl-phenylether	9.99	204	200684	42.64	nq	98
61) 4-Nitroaniline	10.05	138	124998	32.84	nq	92
62) Azobenzene	10.16	77	581304	44.89	nq	92
64) 4,6-Dinitro-2-methylphenol	10.09	198	87738	40.84	nq	86
65) n-Nitrosodiphenylamine	10.12	169	465323	38.68	nq	97
66) 4-Bromophenyl-phenylether	10.48	248	138500	40.14	nq	98
67) Hexachlorobenzene	10.55	284	140184	36.23	nq	# 93
68) Atrazine	10.66	200	136735	39.64	nq	92
69) Pentachlorophenol	10.76	266	109497	68.40	nq	99
70) Phenanthrene	10.95	178	745214	40.23	nq	99
71) Anthracene	11.00	178	738574	38.93	nq	99
72) Carbazole	11.17	167	728884	39.06	nq	99
73) Di-n-butylphthalate	11.50	149	922998	40.02	nq	99
74) Fluoranthene	12.13	202	757985	41.77	nq	98
77) Pyrene	12.35	202	782334	43.20	nq	100
79) Butylbenzylphthalate	12.99	149	386708	41.98	nq	# 84
80) Benzo(a)anthracene	13.54	228	568189	39.70	nq	98
81) 3,3'-Dichlorobenzidine	13.50	252	127618	23.65	nq	98
82) Chrysene	13.57	228	562439	40.24	nq	100
83) Bis(2-ethylhexyl)phthalate	13.55	149	570622	47.45	nq	99
84) Di-n-octyl phthalate	14.15	149	808645	36.64	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.08	276	423785	35.36	nq	97
87) Benzo(b)fluoranthene	14.53	252	435032	38.19	nq	98
88) Benzo(k)fluoranthene	14.56	252	408434	37.63	nq	96
89) Benzo(a)pyrene	14.83	252	416541	39.95	nq	97
90) Dibenzo(a,h)anthracene	16.08	278	354545	41.47	nq	96
91) Benzo(g,h,i)perylene	16.43	276	390752	43.58	nq	97

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

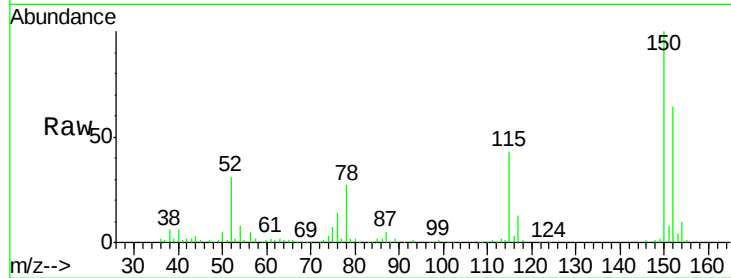


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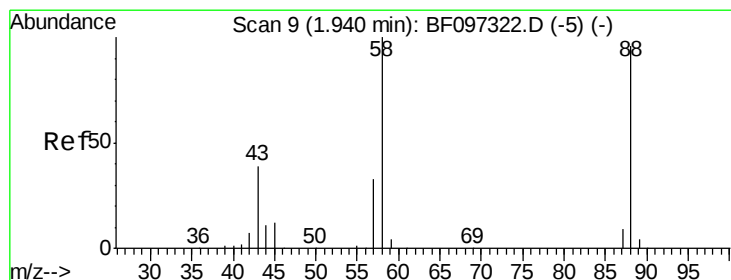
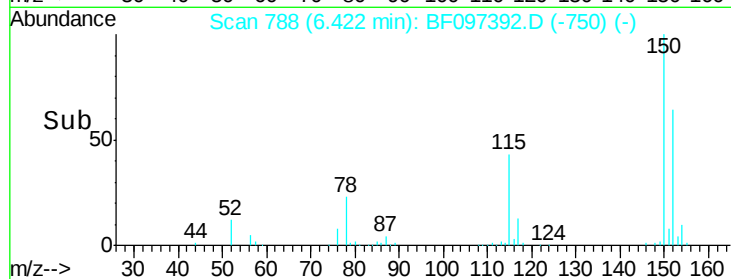
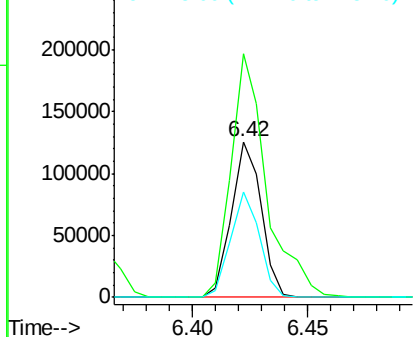
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.42 min Scan# 788
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113213
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 67.6 52.2 78.2



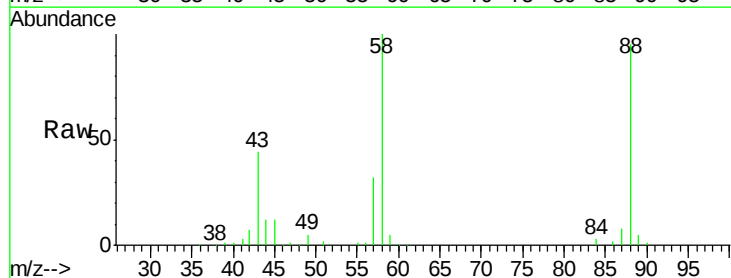
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



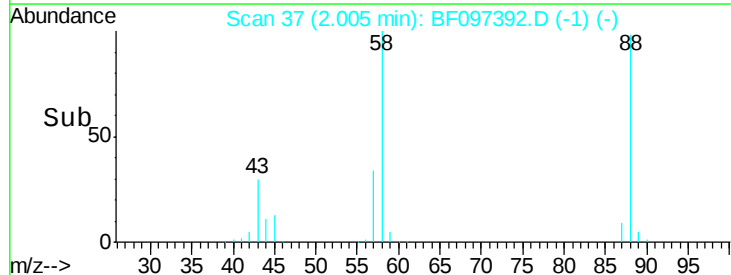
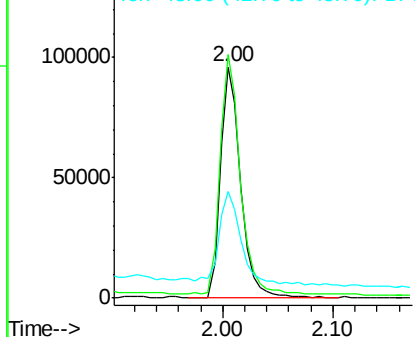
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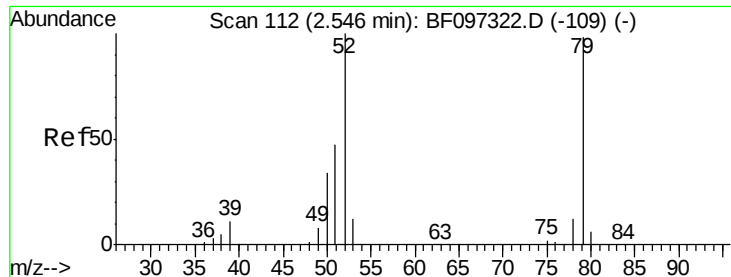
1,4-Dioxane
Concen: 39.13 ng
RT: 2.00 min Scan# 37
Delta R.T. -0.04 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion: 88 Resp: 122637
Ion Ratio Lower Upper
88 100
58 101.5 61.4 92.0#
43 42.1 23.4 35.0#



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





#3

Pvridine

Concen: 36.35 ng

RT: 2.61 min Scan# 140

Delta R.T. -0.05 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

ClientSampled :

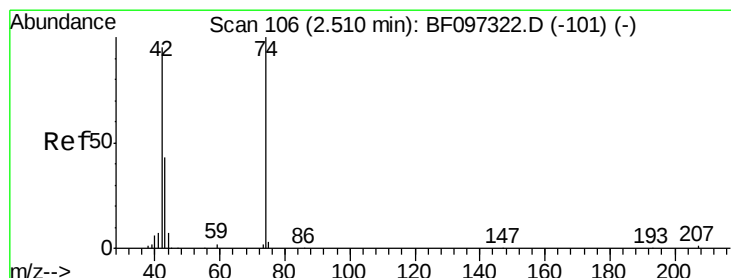
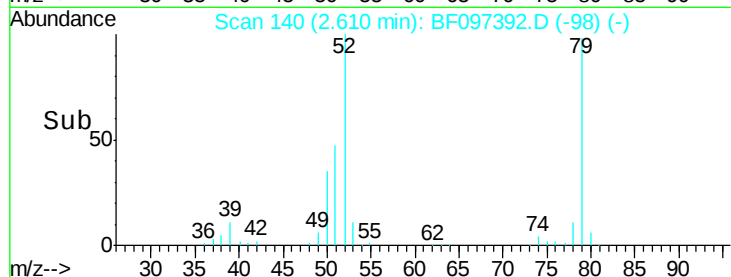
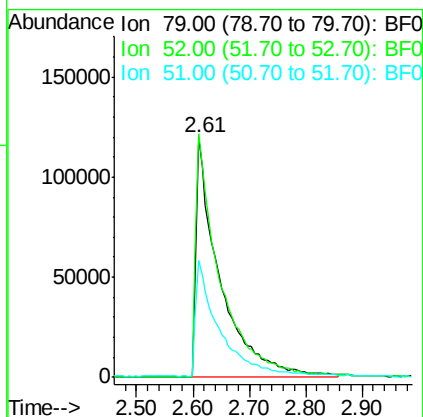
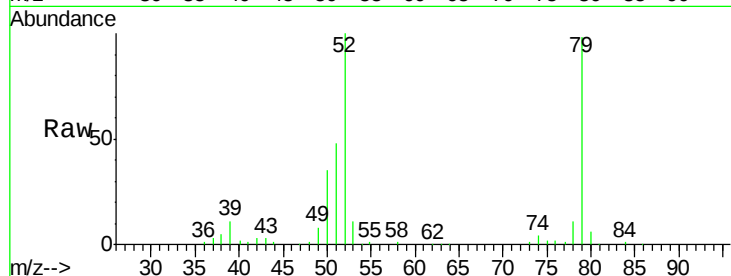
Tot Ion: 79 Resp: 348796

Ion Ratio Lower Upper

79 100

52 101.7 54.8 82.2#

51 48.8 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 40.05 ng

RT: 2.56 min Scan# 132

Delta R.T. -0.06 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

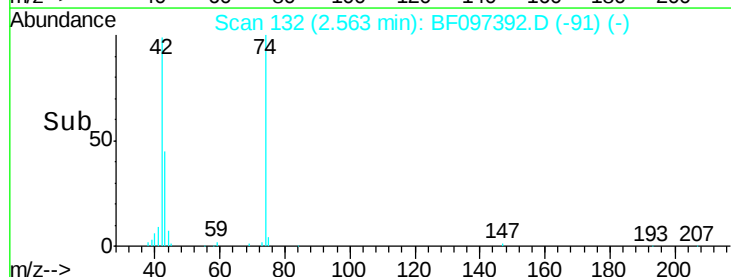
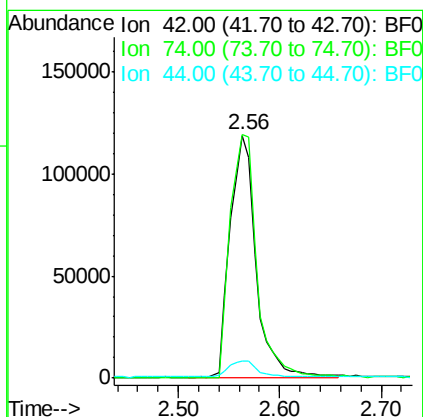
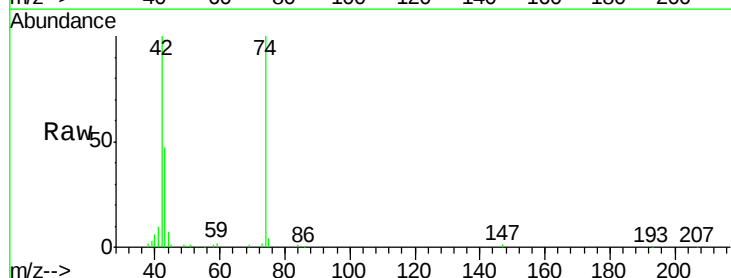
Tgt Ion: 42 Resp: 212929

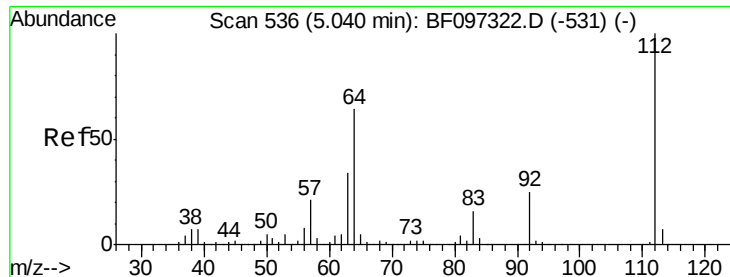
Ion Ratio Lower Upper

42 100

74 100.4 103.9 155.9#

44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 119.39 ng

RT: 5.04 min Scan# 553

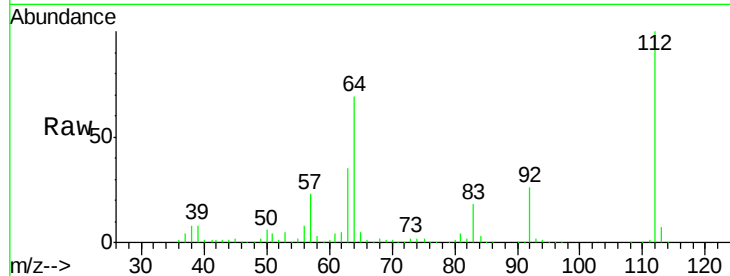
Delta R.T. -0.06 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampled :

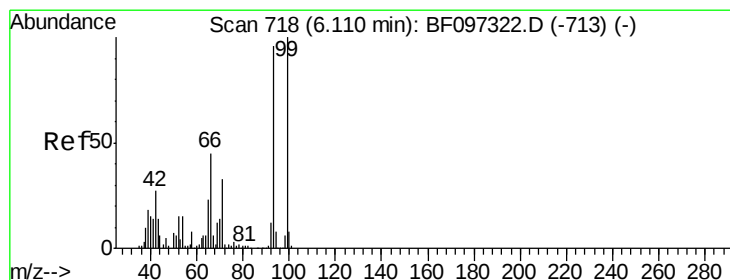
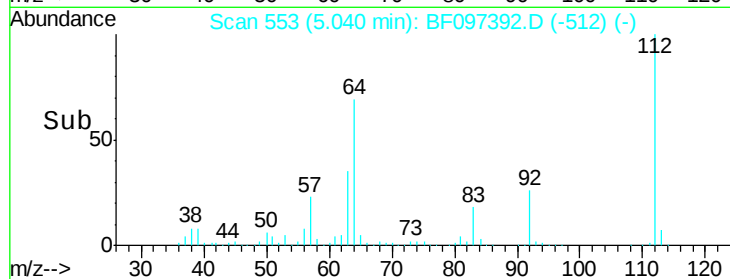
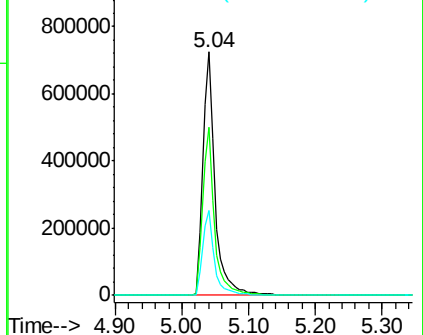
Tot Ion:	112	Resp:	896651
Ion	Ratio	Lower	Upper
112	100		
64	68.9	46.0	69.0
63	34.6	23.4	35.0



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: 12.98 ng

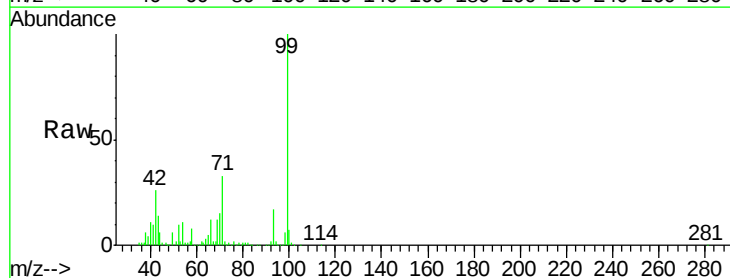
RT: 6.10 min Scan# 733

Delta R.T. -0.06 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

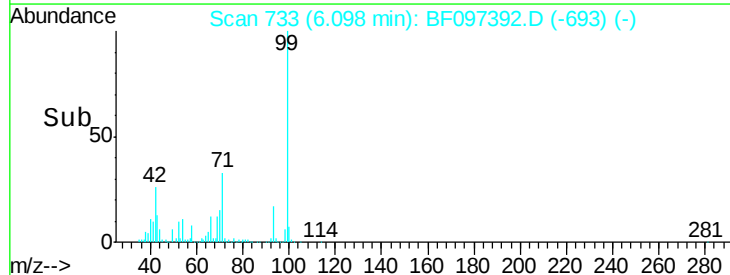
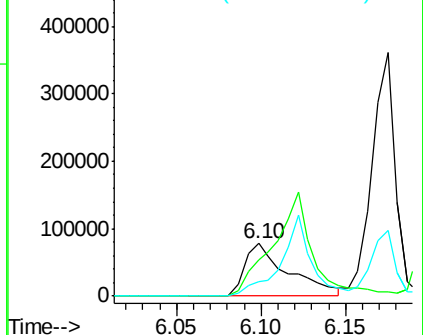
Tgt Ion:	93	Resp:	139990
Ion	Ratio	Lower	Upper
93	100		
66	69.5	32.9	49.3#
65	27.7	16.0	24.0#

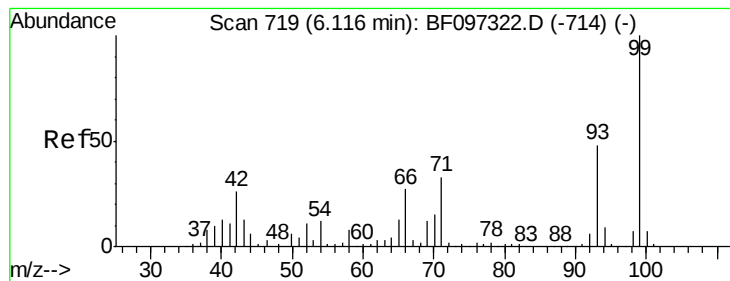


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.75 ng

RT: 6.11 min Scan# 735

Delta R.T. -0.06 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

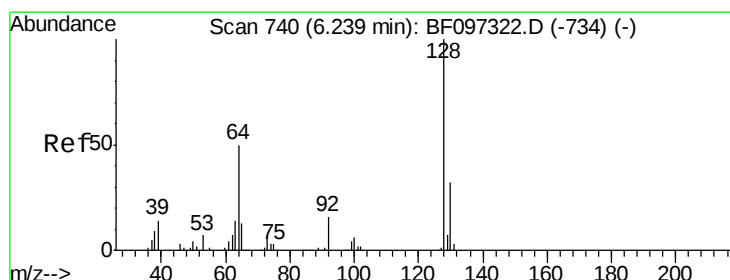
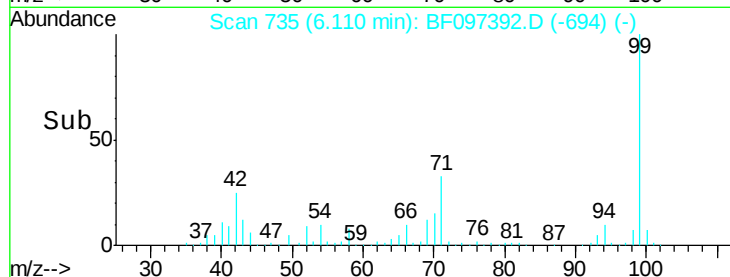
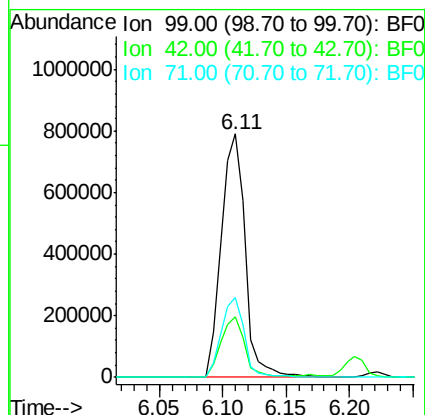
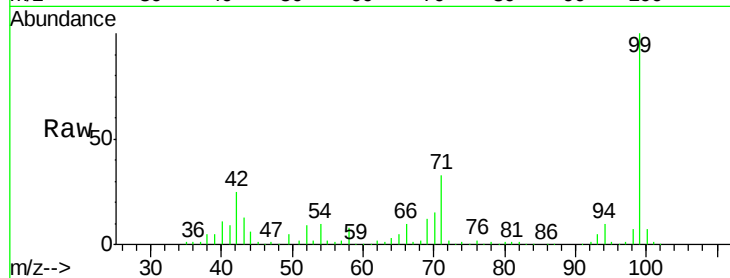
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1043822

Ion	Ratio	Lower	Upper
99	100		
42	24.6	13.5	20.3
71	32.6	24.5	36.7



#8

2-Chlorophenol

Concen: 40.25 ng

RT: 6.22 min Scan# 754

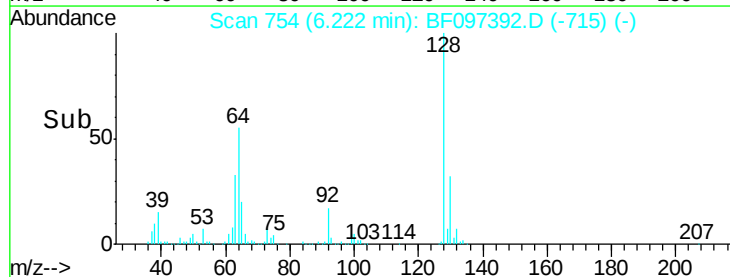
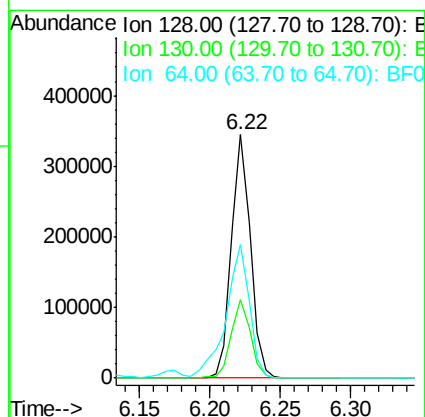
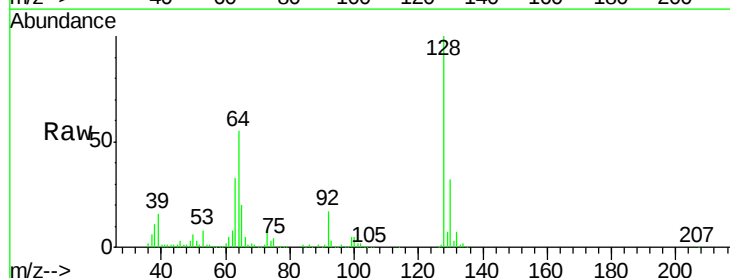
Delta R.T. -0.07 min

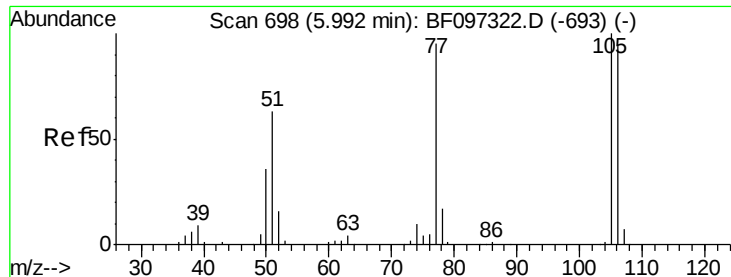
Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Tgt Ion: 128 Resp: 323218

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	54.6	28.4	68.4





#9

Benzaldehyde

Concen: 24.48 ng

RT: 5.97 min Scan# 711

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

ClientSampleId :

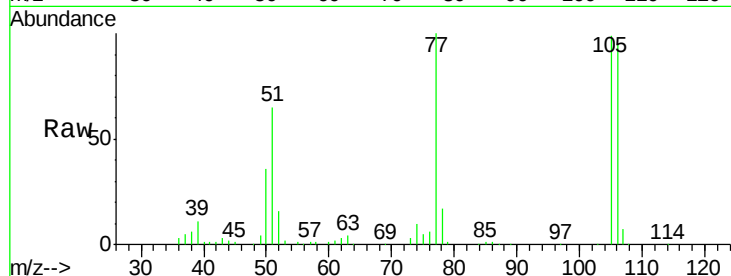
Tot Ion: 77 Resp: 124211

Ion Ratio Lower Upper

77 100

105 98.8 83.8 123.8

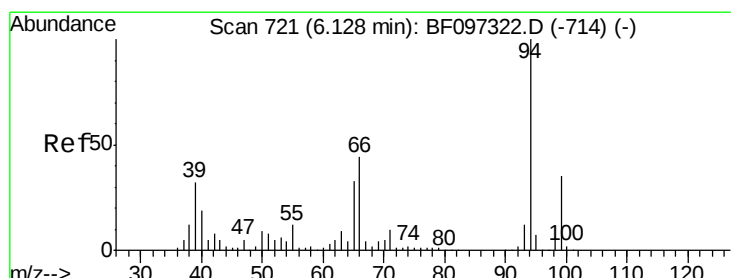
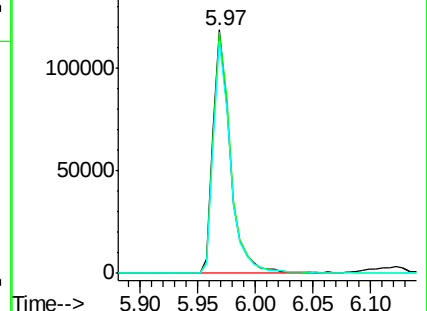
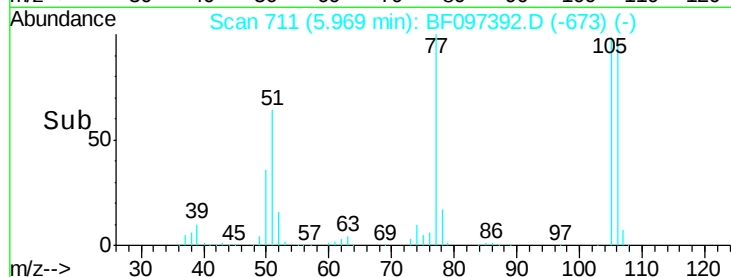
106 95.2 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.48 ng

RT: 6.12 min Scan# 737

Delta R.T. -0.06 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

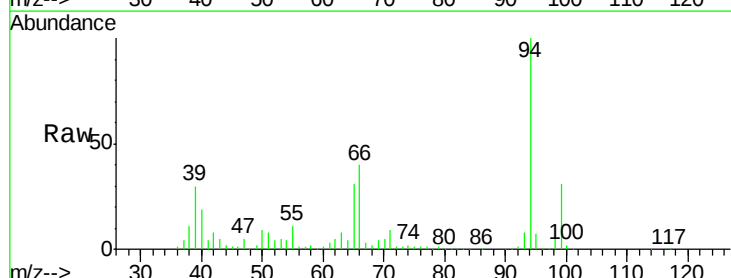
Tgt Ion: 94 Resp: 432024

Ion Ratio Lower Upper

94 100

65 31.1 9.9 49.9

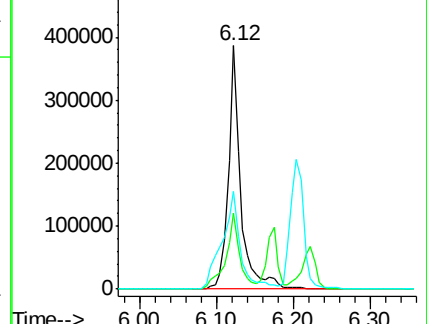
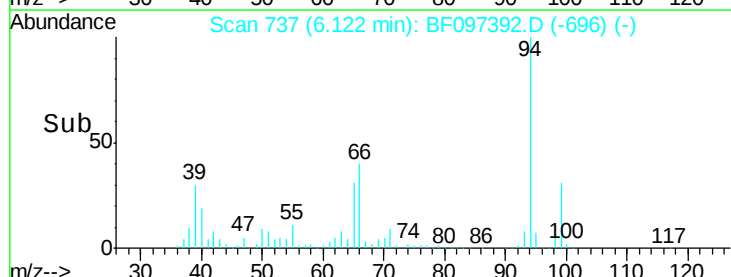
66 39.9 23.1 63.1

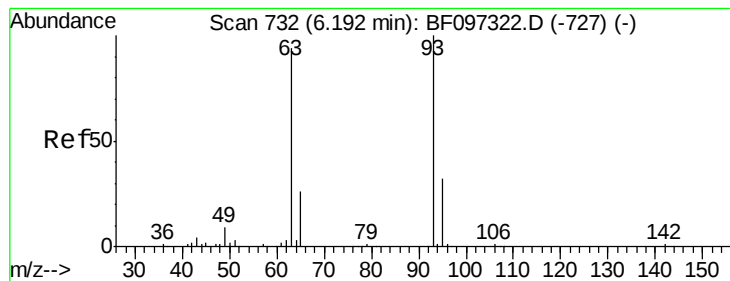


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.55 ng

RT: 6.17 min Scan# 746

Delta R.T. -0.07 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

ClientSampled :

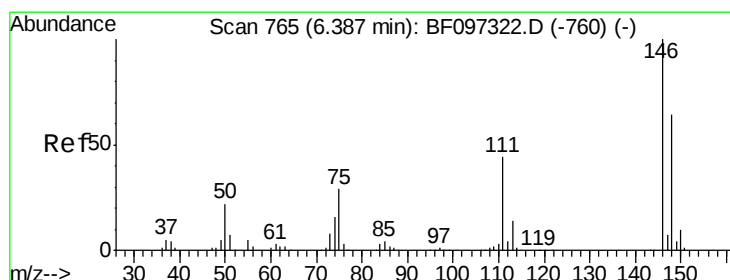
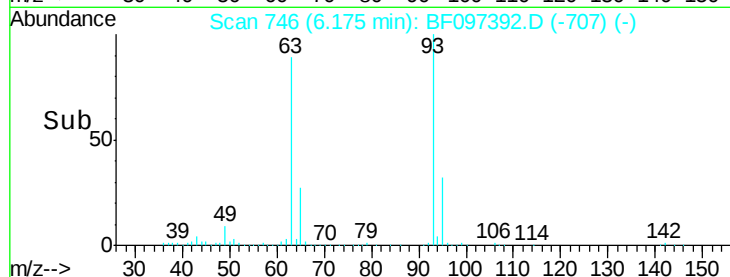
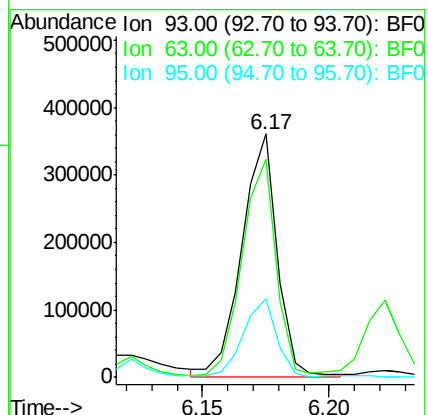
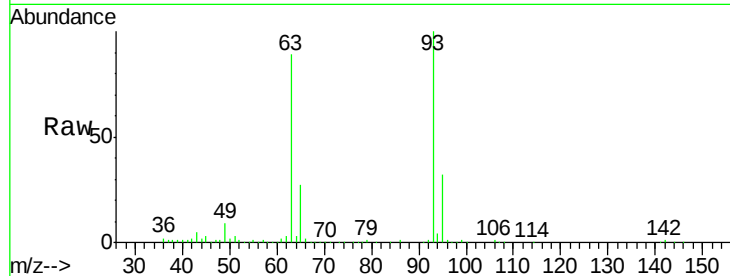
Tot Ion: 93 Resp: 350262

Ion Ratio Lower Upper

93 100

63 89.3 59.2 99.2

95 32.0 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.35 ng

RT: 6.36 min Scan# 778

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

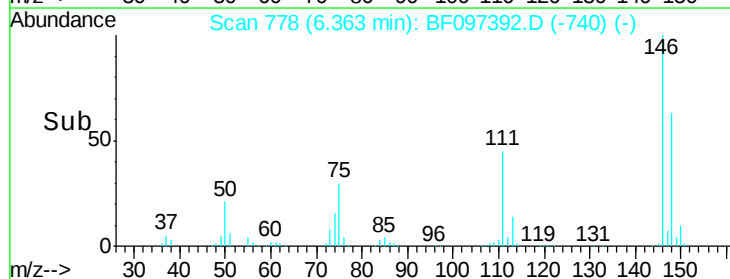
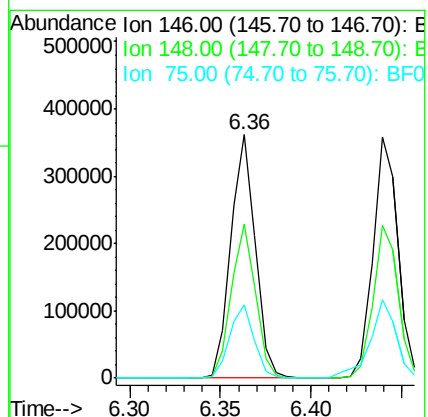
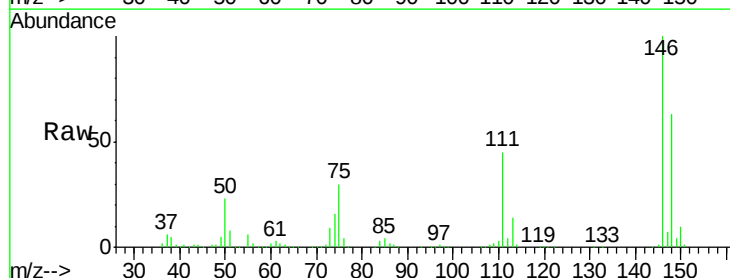
Tgt Ion: 146 Resp: 340569

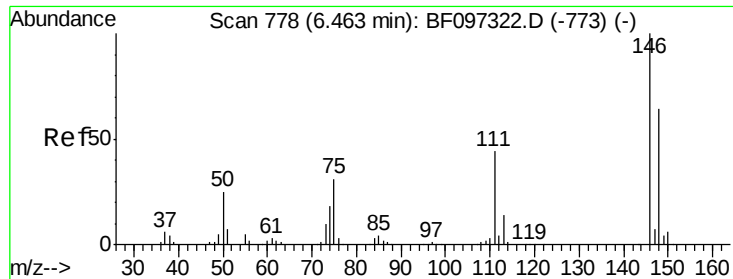
Ion Ratio Lower Upper

146 100

148 63.0 51.8 77.6

75 30.2 23.1 34.7

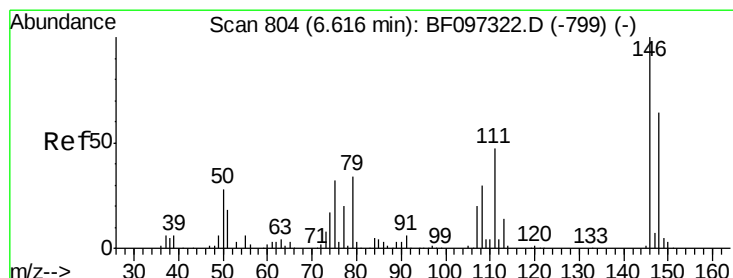
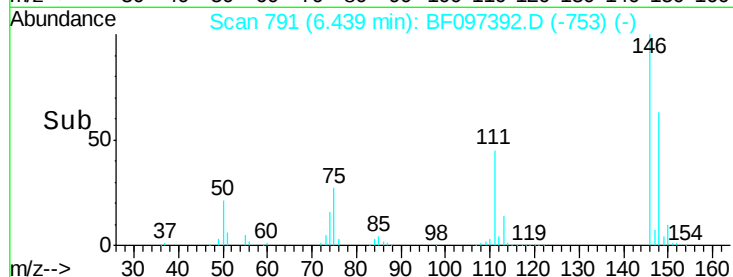
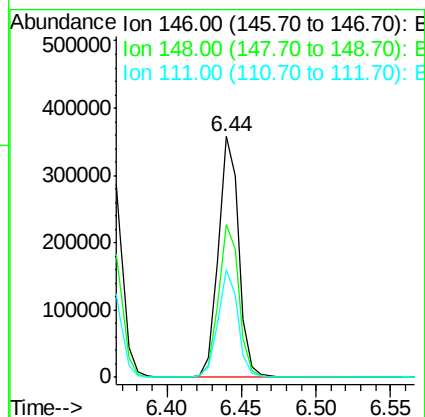
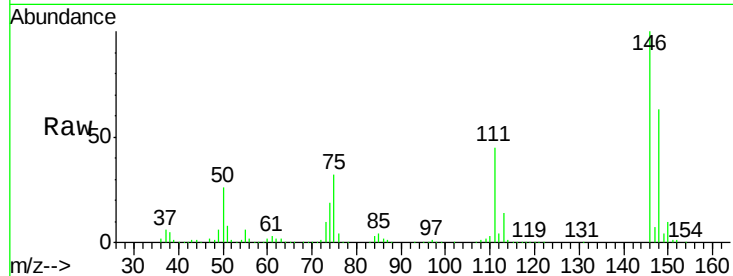




#13
 1,4-Dichlorobenzene
 Concen: 39.86 ng
 RT: 6.44 min Scan# 791
 Delta R.T. -0.08 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

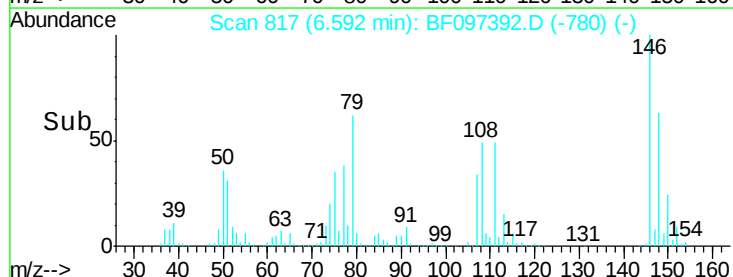
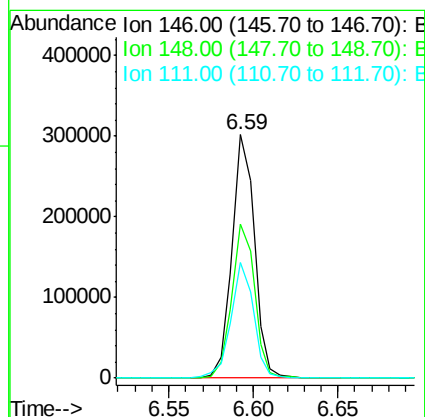
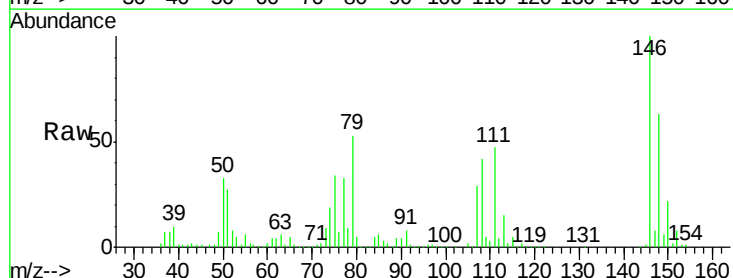
Instrument :
 BNA_F
 ClientSampled :

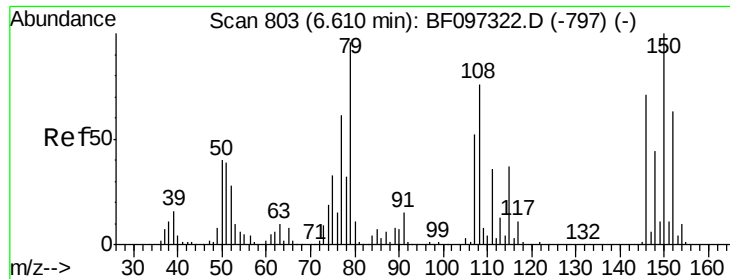
Tot Ion:146 Resp: 341877
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.2
 111 44.6 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 37.25 ng
 RT: 6.59 min Scan# 817
 Delta R.T. -0.08 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Tgt Ion:146 Resp: 278927
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.4 75.6
 111 47.4 38.2 57.4





#15

Benzyl Alcohol

Concen: 46.94 ng

RT: 6.60 min Scan# 818

Delta R.T. -0.06 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampled :

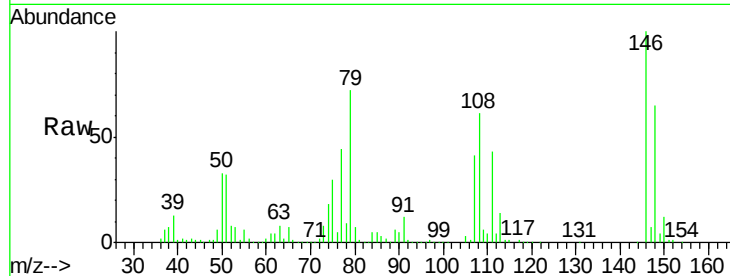
Tot Ion: 79 Resp: 254792

Ion Ratio Lower Upper

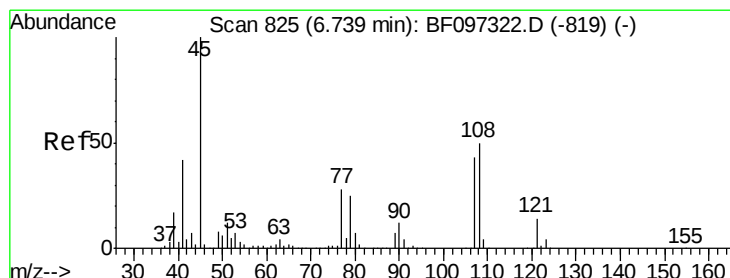
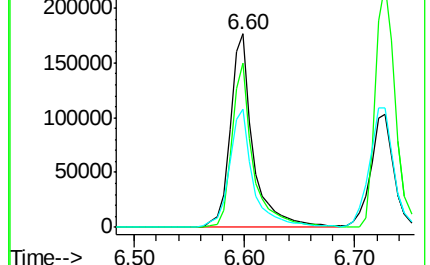
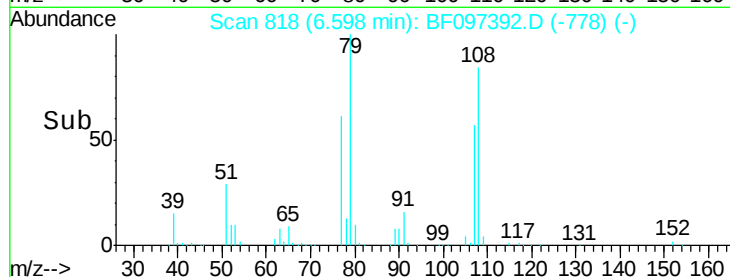
79 100

108 84.8 63.4 95.0

77 61.1 49.2 73.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.49 ng

RT: 6.72 min Scan# 838

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

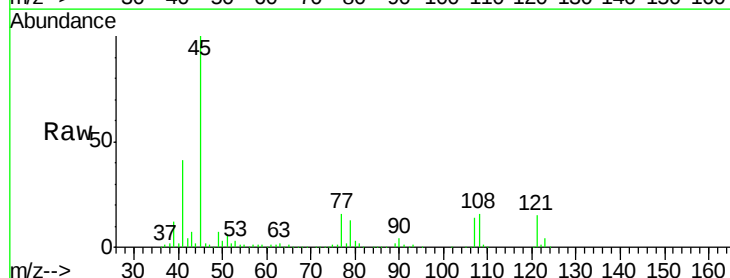
Tgt Ion: 45 Resp: 637078

Ion Ratio Lower Upper

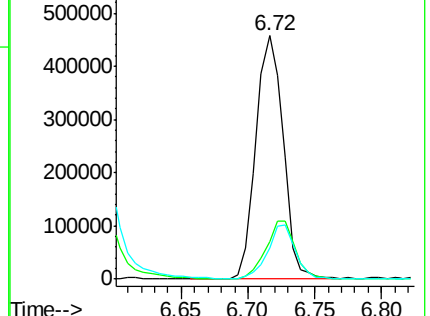
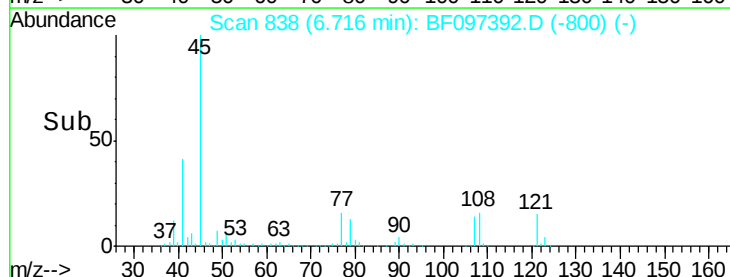
45 100

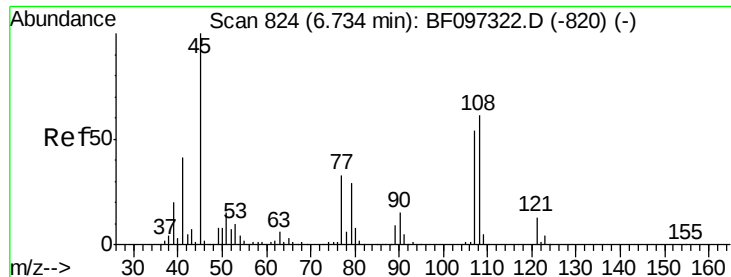
77 15.6 0.0 33.2

79 12.9 0.0 30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

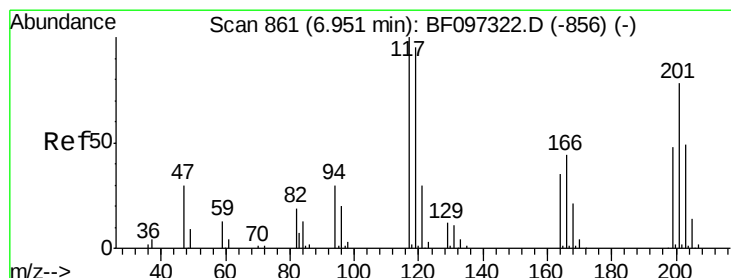
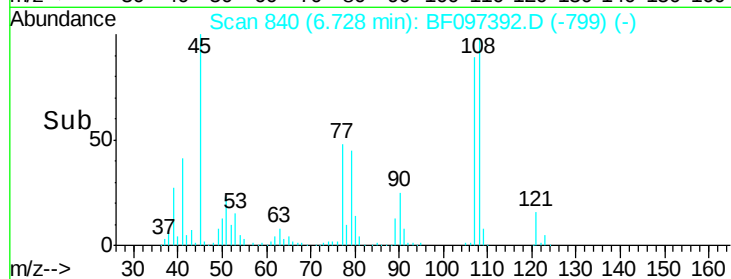
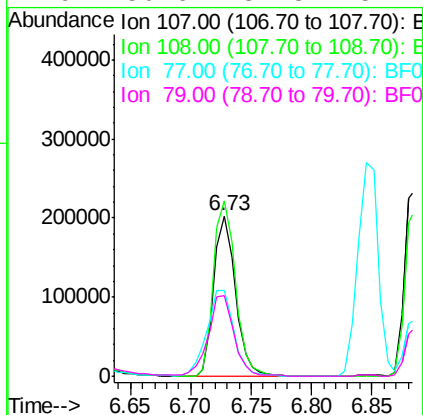
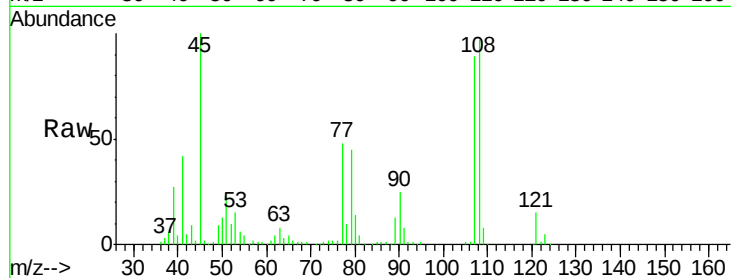




#17
2-Methylphenol
Concen: 40.81 ng
RT: 6.73 min Scan# 840
Delta R.T. -0.06 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

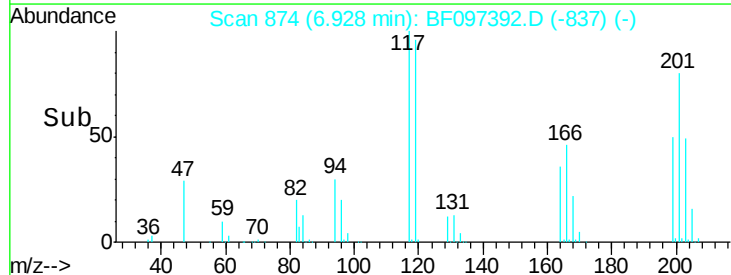
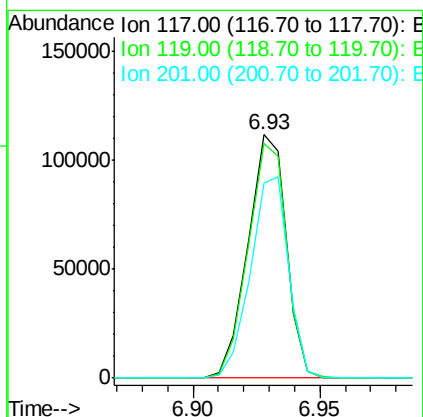
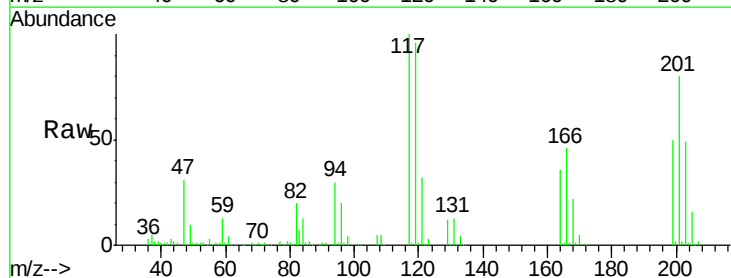
Instrument :
BNA_F
ClientSampleId :

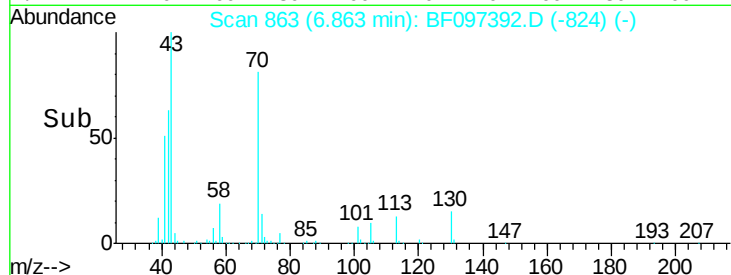
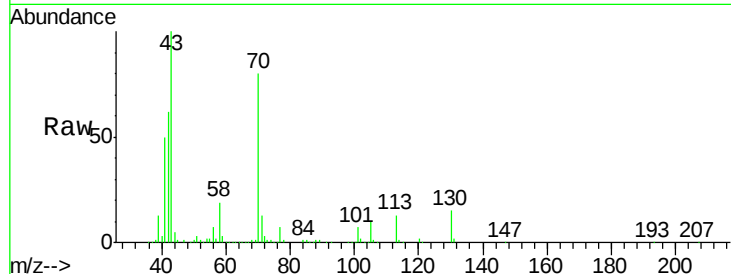
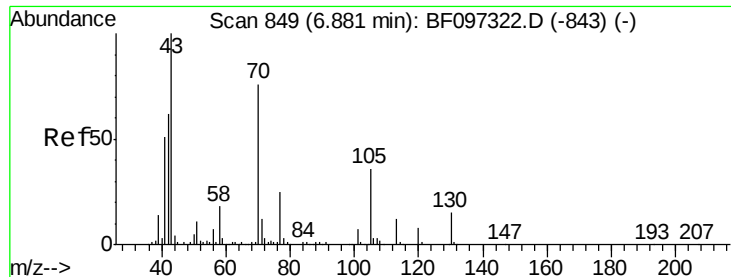
Tot Ion:	107	Resp:	252917
Ion	Ratio	Lower	Upper
107	100		
108	109.4	93.4	140.0
77	53.8	35.8	53.6#
79	50.6	34.8	52.2



#18
Hexachloroethane
Concen: 37.59 ng
RT: 6.93 min Scan# 874
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion:	117	Resp:	117943
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.0
201	79.9	94.6	141.8#

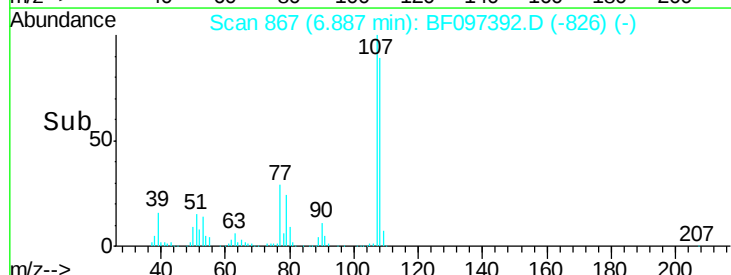
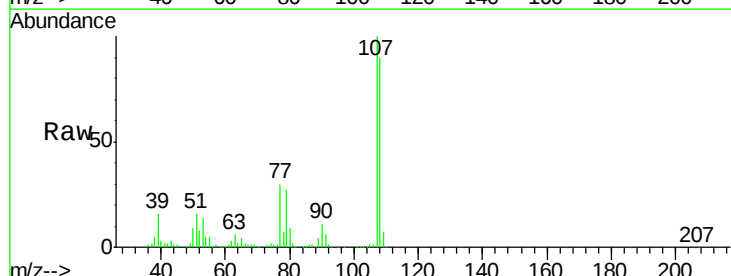
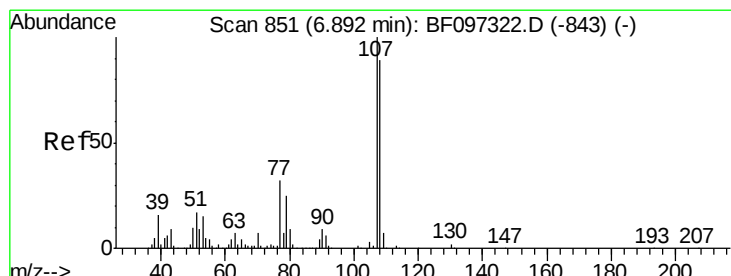
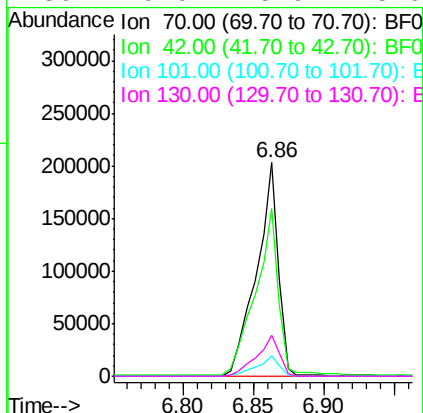




#19
n-Nitroso-di-n-propylamine
Concen: 39.66 ng
RT: 6.86 min Scan# 863
Delta R.T. -0.07 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

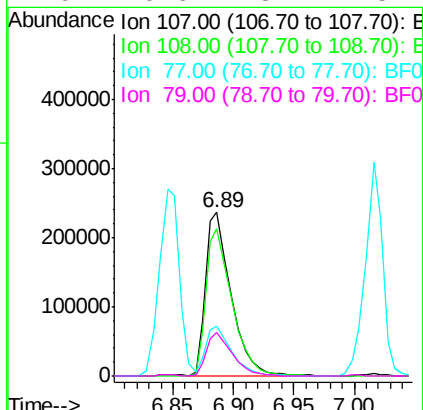
Instrument :
BNA_F
ClientSampleId :

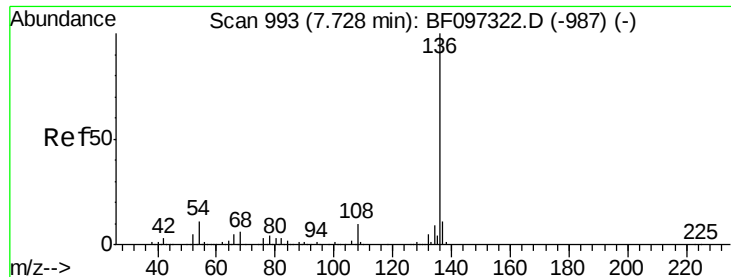
Tot Ion:	70	Resp:	223793
Ion	Ratio	Lower	Upper
70	100		
42	78.5	47.2	70.8#
101	9.4	7.2	10.8
130	19.0	15.9	23.9



#20
3+4-Methylphenols
Concen: 42.47 ng
RT: 6.89 min Scan# 867
Delta R.T. -0.06 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion:	107	Resp:	343796
Ion	Ratio	Lower	Upper
107	100		
108	90.1	71.0	111.0
77	30.5	90.5	130.5#
79	26.6	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.71 min Scan# 1007

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 463116

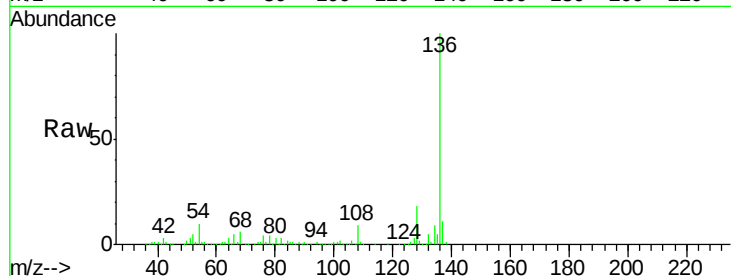
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.1 4.9 7.3#

68 5.6 4.1 6.1

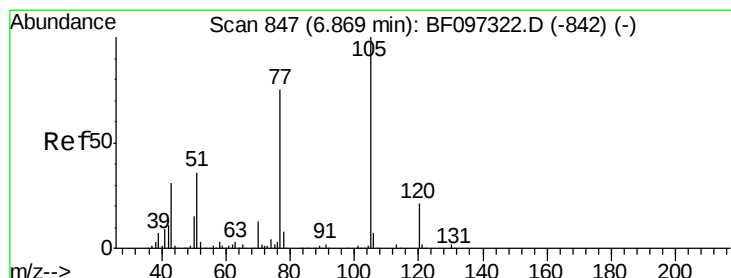
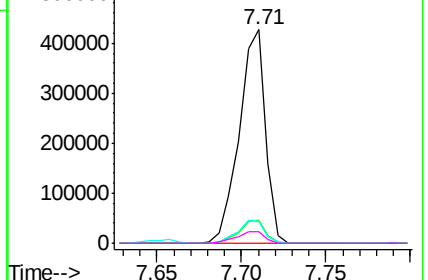
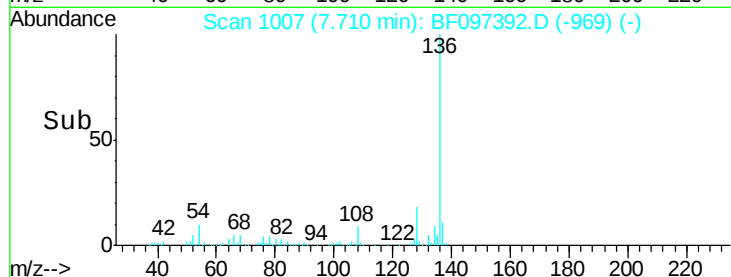


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.90 ng

RT: 6.85 min Scan# 860

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Tgt Ion:105 Resp: 421559

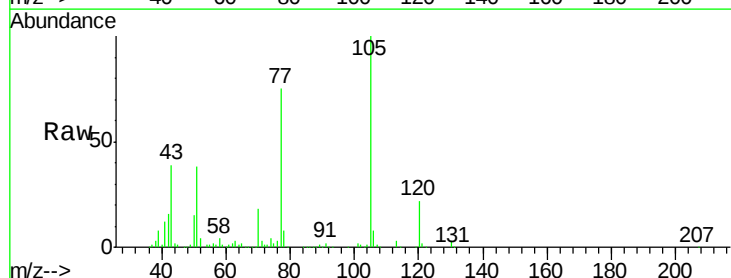
Ion Ratio Lower Upper

105 100

71 3.1 2.8 4.2

51 38.0 30.7 46.1

120 21.8 17.4 26.0

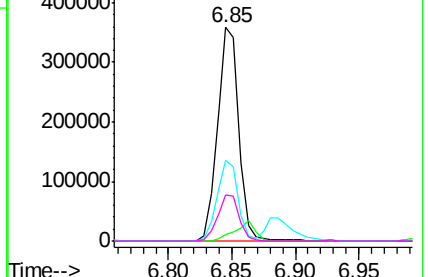
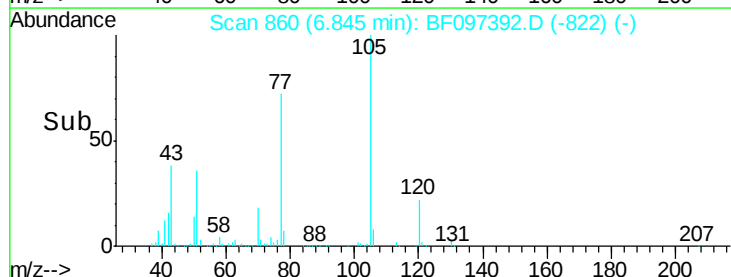


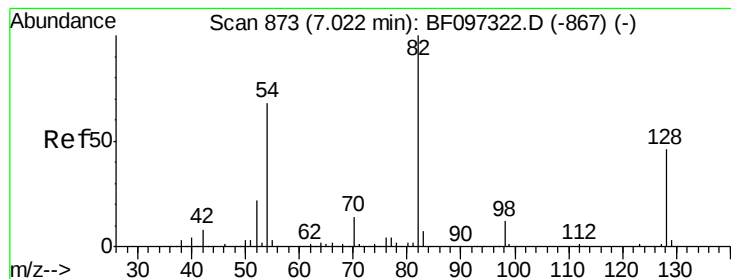
Abundance Ion 105.00 (104.70 to 105.70): E

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: 75.94 ng

RT: 7.00 min Scan# 886

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

ClientSampleId :

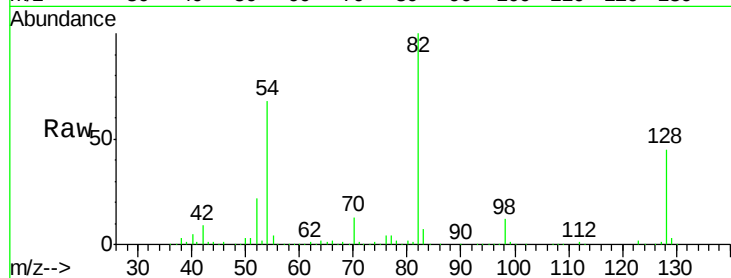
Tot Ion: 82 Resp: 599514

Ion Ratio Lower Upper

82 100

128 45.4 34.0 51.0

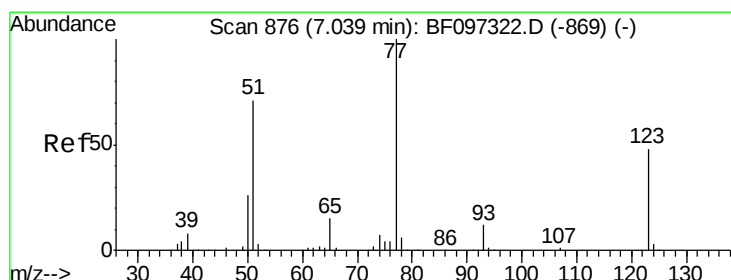
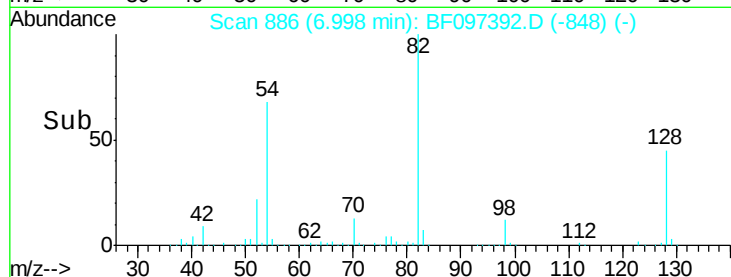
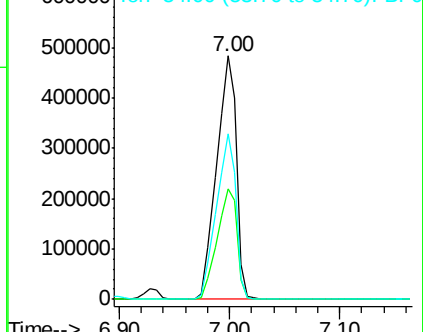
54 68.0 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.37 ng

RT: 7.02 min Scan# 889

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

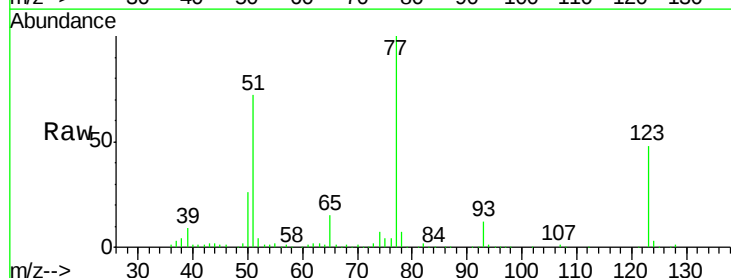
Tgt Ion: 77 Resp: 307264

Ion Ratio Lower Upper

77 100

123 47.7 35.8 53.8

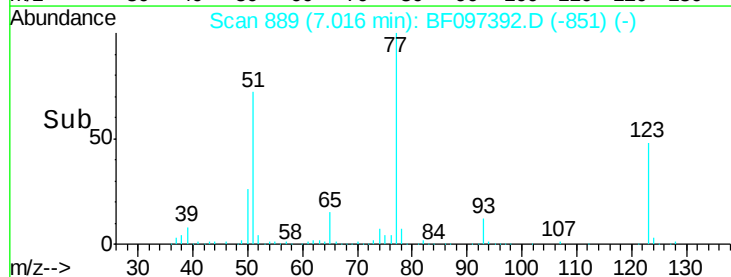
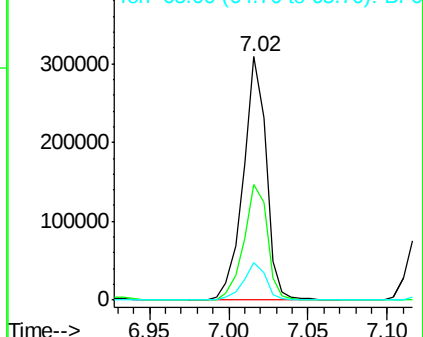
65 15.5 10.6 15.8

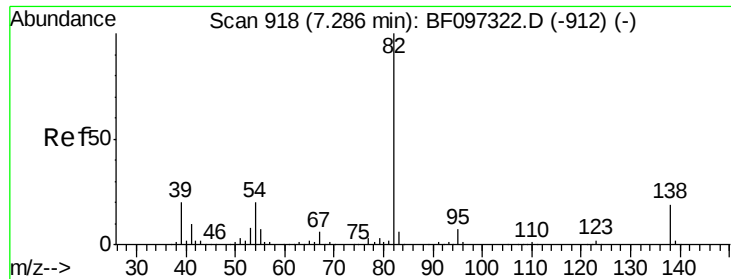


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.59 ng

RT: 7.26 min Scan# 931

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

ClientSampleId :

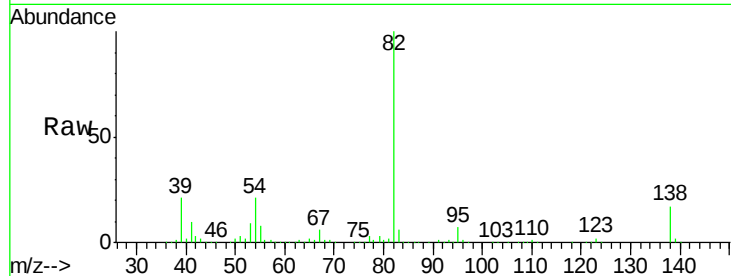
Tot Ion: 82 Resp: 612054

Ion Ratio Lower Upper

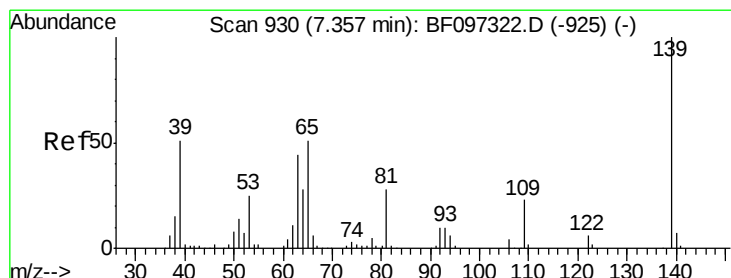
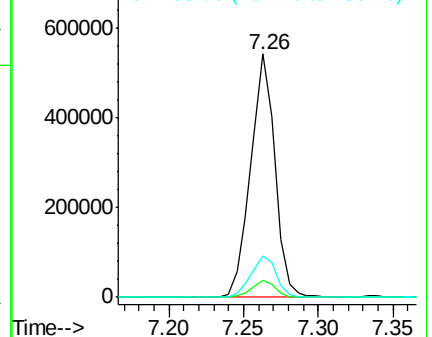
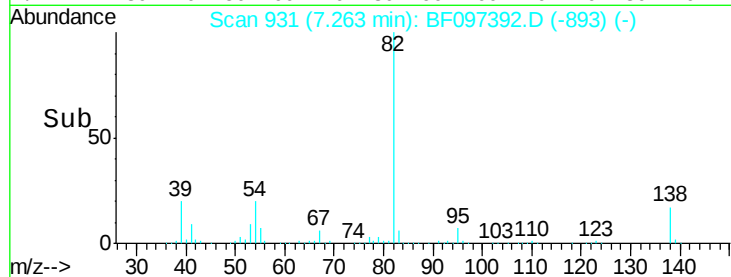
82 100

95 6.8 5.3 7.9

138 17.1 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: 39.59 ng

RT: 7.33 min Scan# 943

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

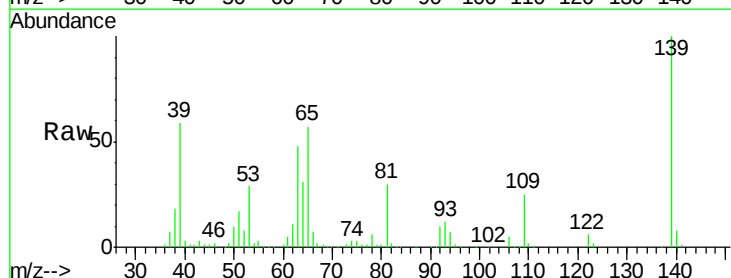
Tgt Ion: 139 Resp: 176105

Ion Ratio Lower Upper

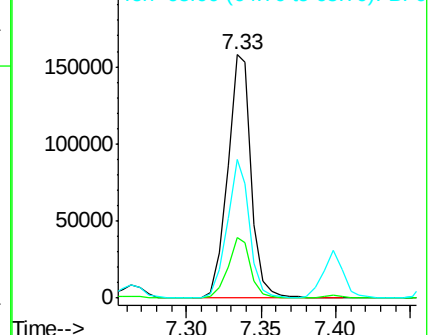
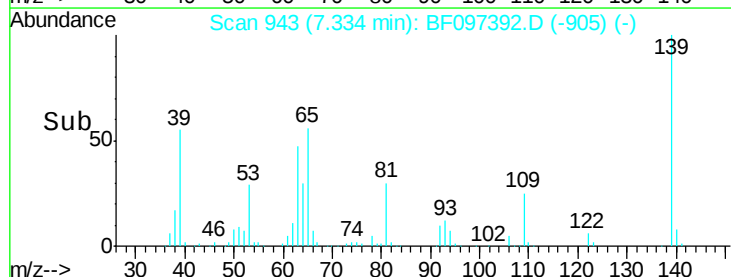
139 100

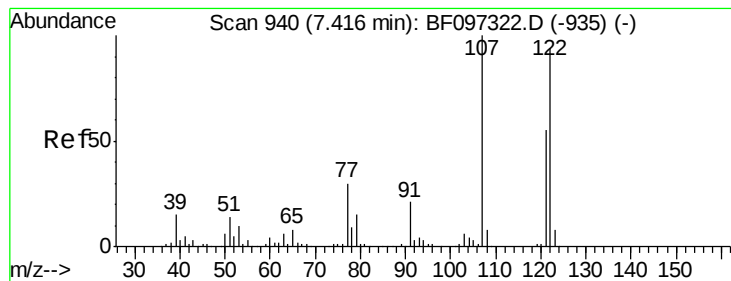
109 24.7 21.0 31.6

65 56.8 33.0 49.6#



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





#27

2,4-Dimethylphenol

Concen: 38.07 ng

RT: 7.40 min Scan# 954

Delta R.T. -0.07 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampled :

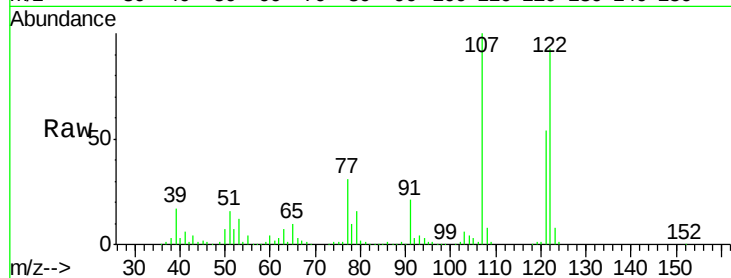
Tot Ion:122 Resp: 279366

Ion Ratio Lower Upper

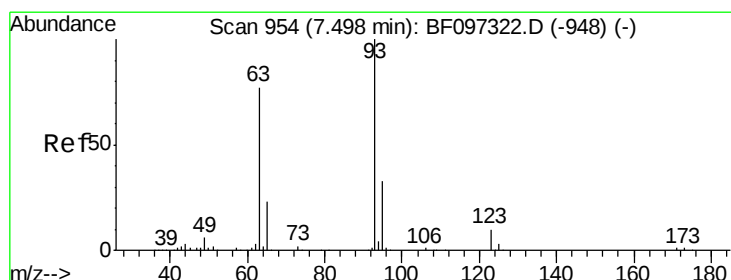
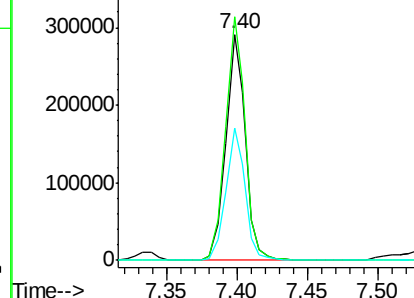
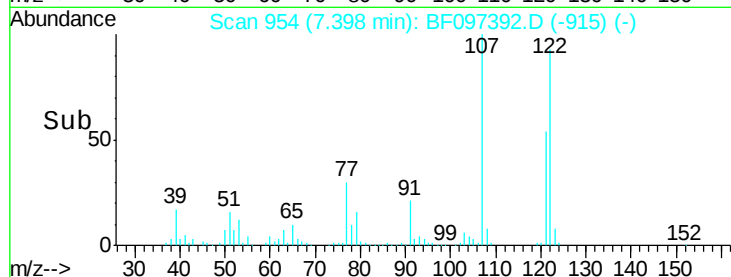
122 100

107 107.8 89.2 133.8

121 58.6 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.88 ng

RT: 7.47 min Scan# 967

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

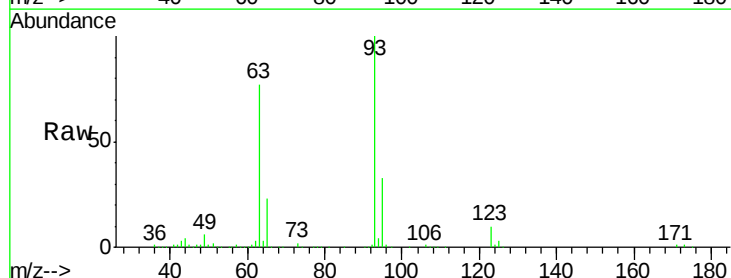
Tgt Ion: 93 Resp: 392239

Ion Ratio Lower Upper

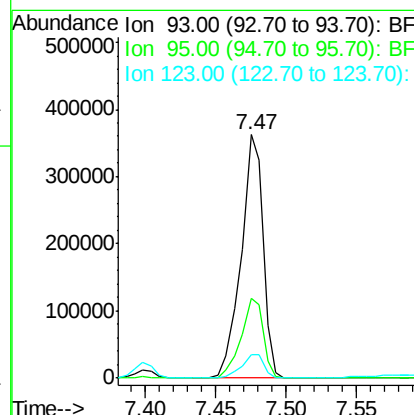
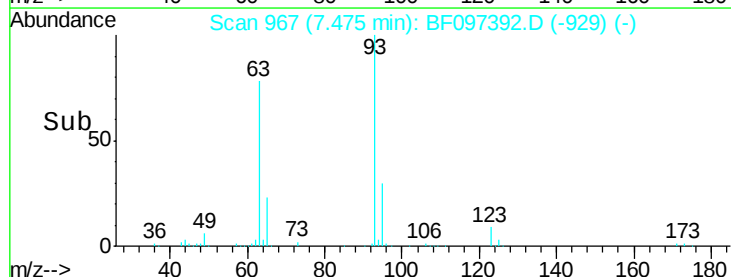
93 100

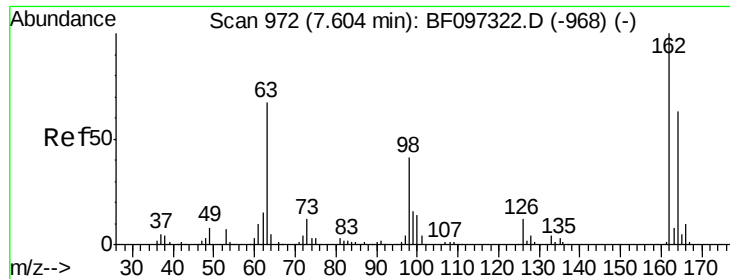
95 32.6 26.5 39.7

123 9.7 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

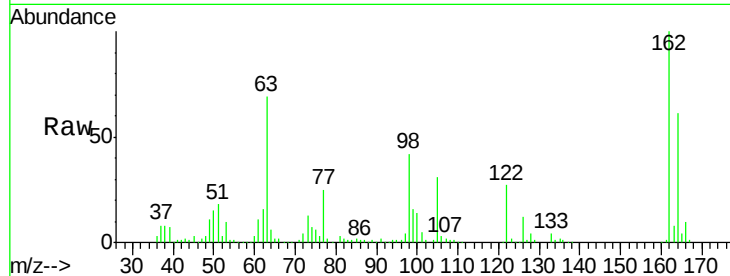




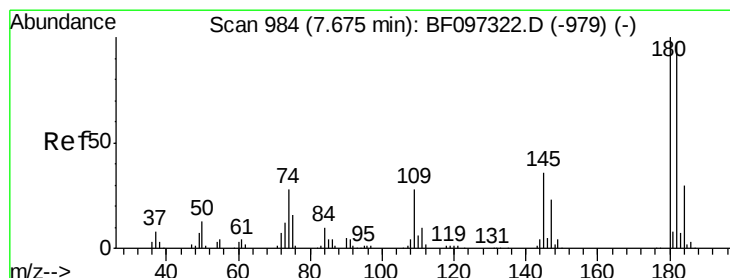
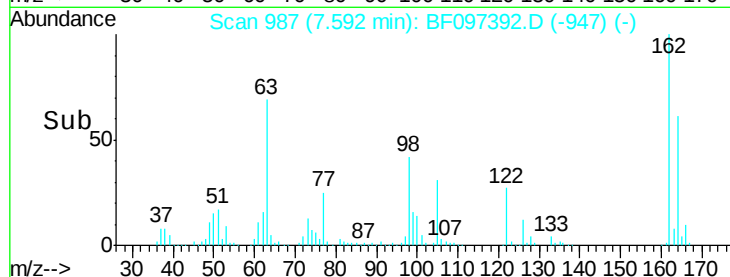
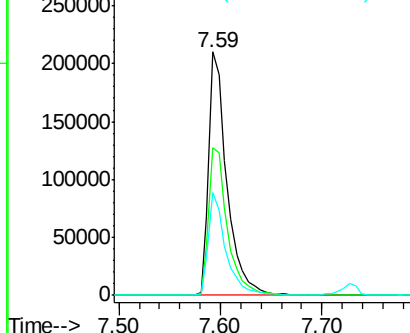
#29
 2,4-Dichlorophenol
 Concen: 41.45 ng
 RT: 7.59 min Scan# 987
 Delta R.T. -0.06 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.7	44.6	84.6
98	42.0	14.8	54.8

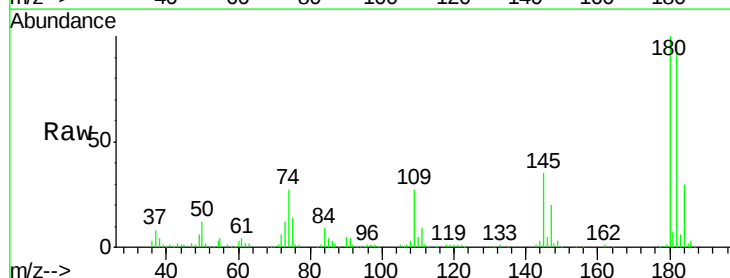


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

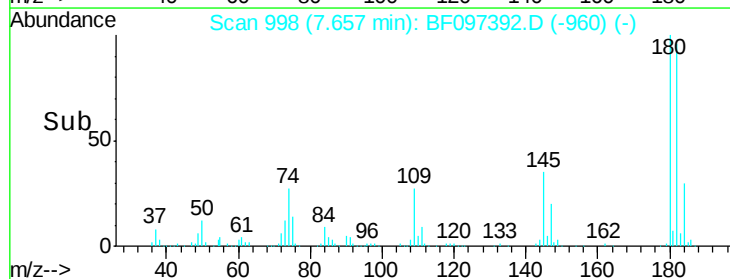
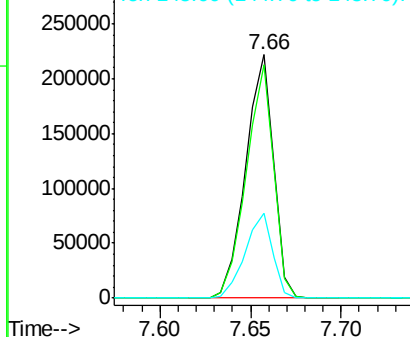


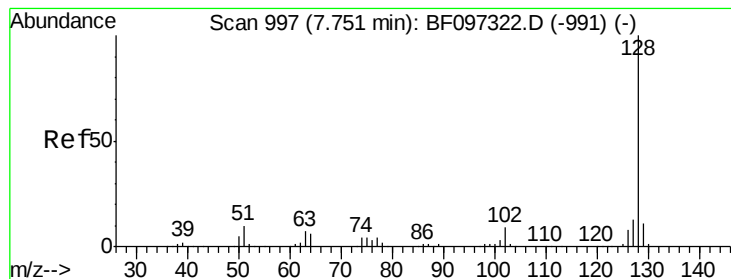
#30
 1,2,4-Trichlorobenzene
 Concen: 39.31 ng
 RT: 7.66 min Scan# 998
 Delta R.T. -0.08 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.8	113.6
145	34.7	25.3	37.9



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





#31

Naphthalene

Concen: 39.94 ng

RT: 7.73 min Scan# 1010

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

ClientSampled :

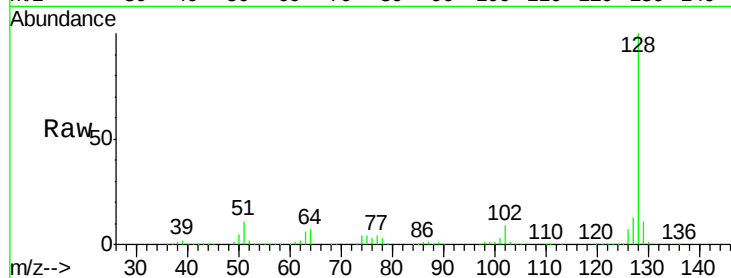
Tot Ion:128 Resp: 871871

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

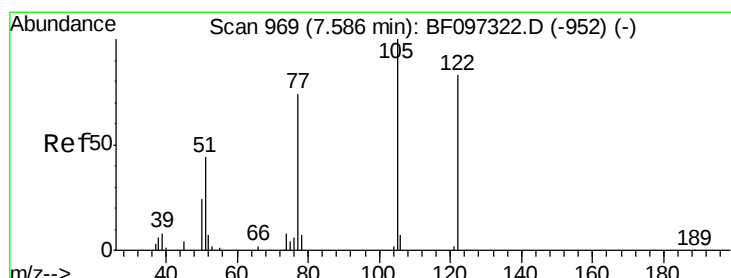
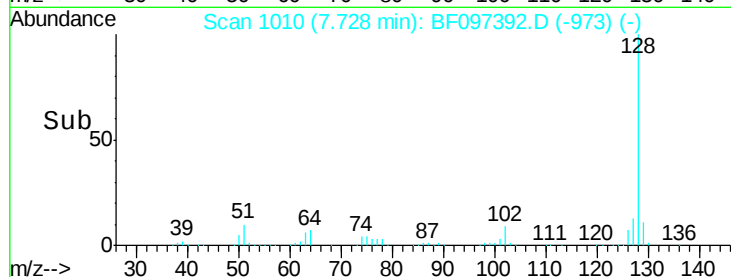
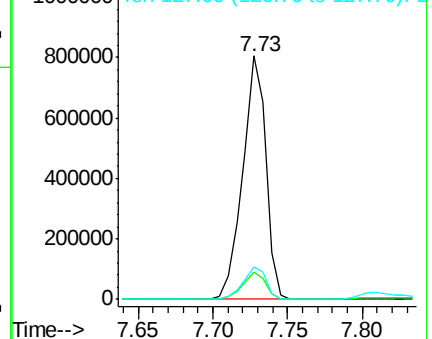
127 13.2 10.8 16.2



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: 36.94 ng

RT: 7.60 min Scan# 988

Delta R.T. -0.04 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

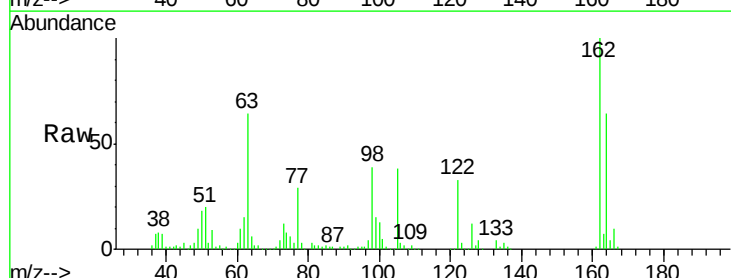
Tgt Ion:122 Resp: 202390

Ion Ratio Lower Upper

122 100

105 116.2 103.3 143.3

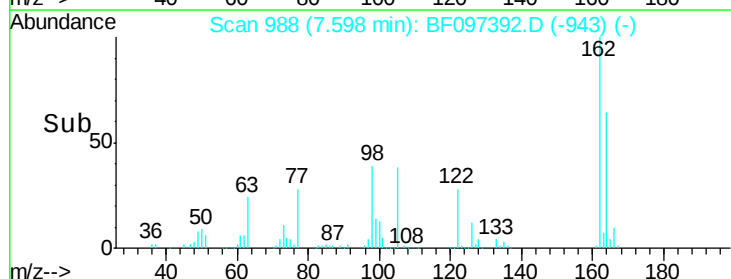
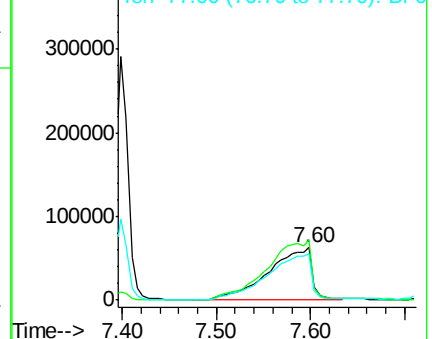
77 88.9 73.7 113.7

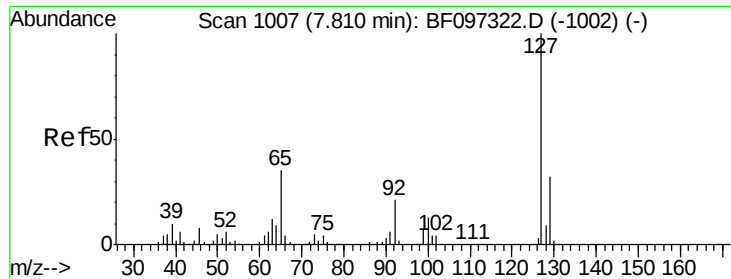


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

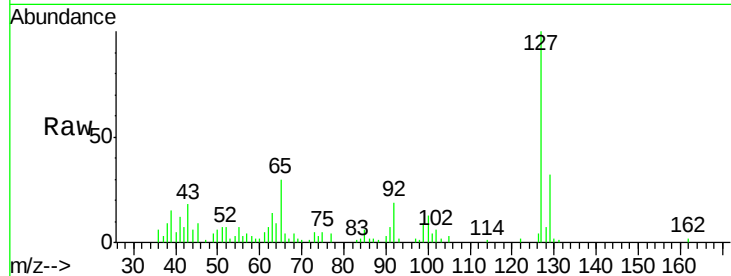




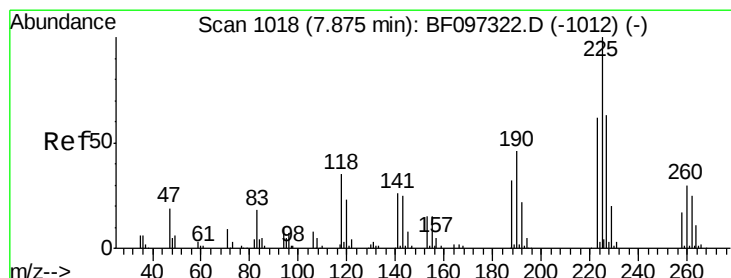
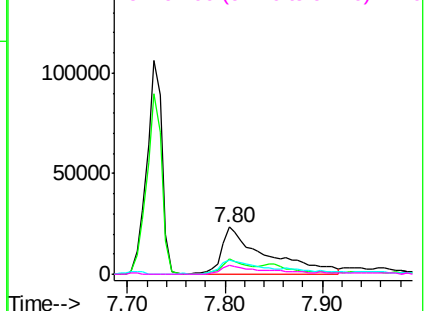
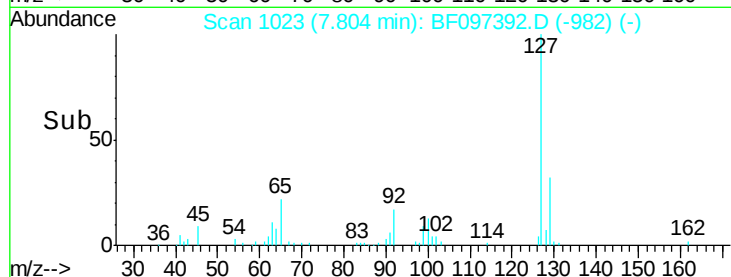
#33
4-Chloroaniline
Concen: 8.27 ng
RT: 7.80 min Scan# 1023
Delta R.T. -0.06 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	73467
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	30.5	27.8	41.8
92	18.6	16.8	25.2

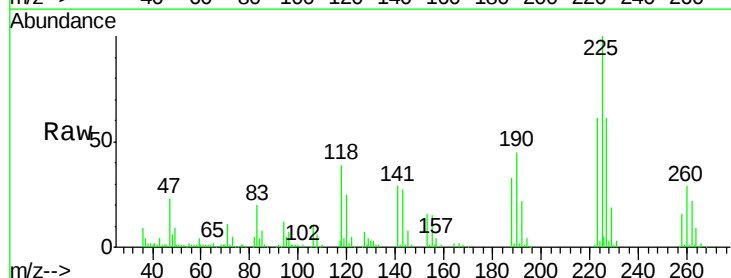


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

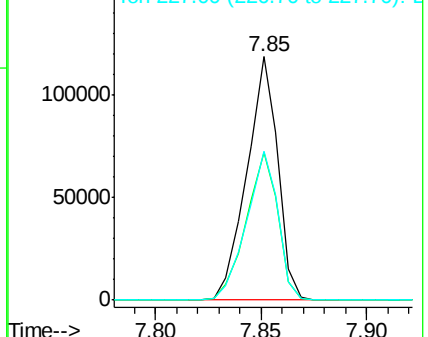
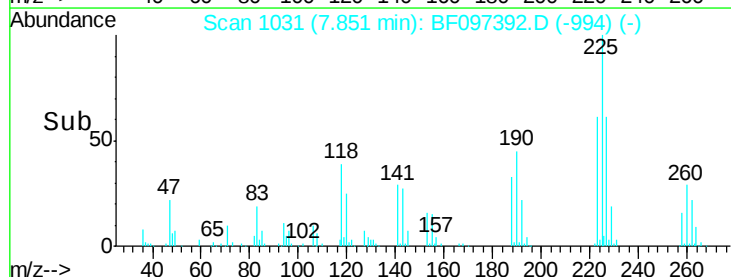


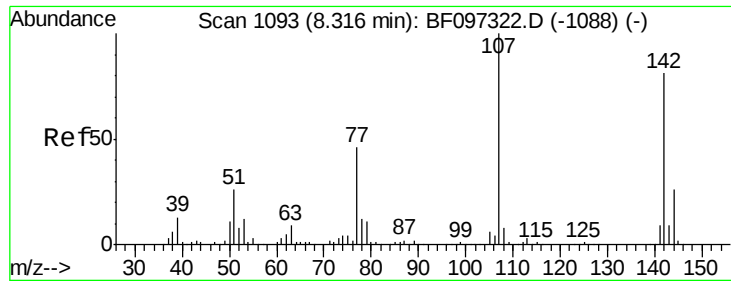
#34
Hexachlorobutadiene
Concen: 37.84 ng
RT: 7.85 min Scan# 1031
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion:	225	Resp:	120880
Ion	Ratio	Lower	Upper
225	100		
223	60.6	48.8	73.2
227	61.3	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

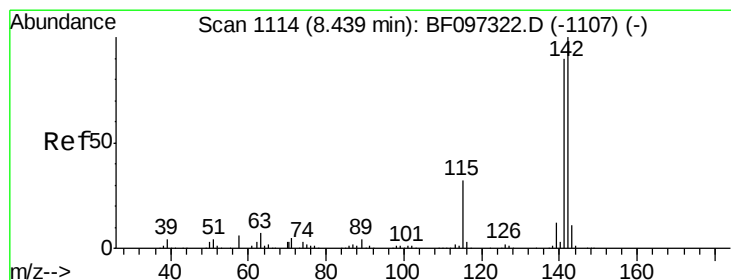
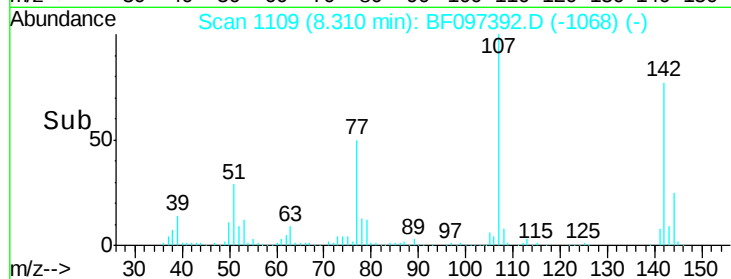
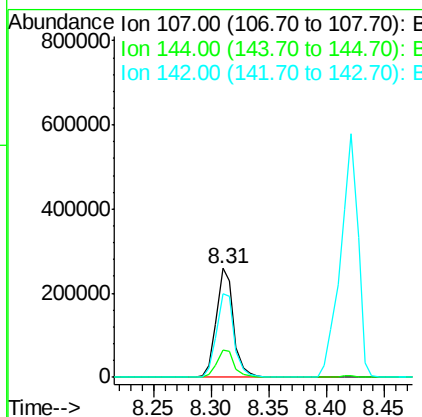
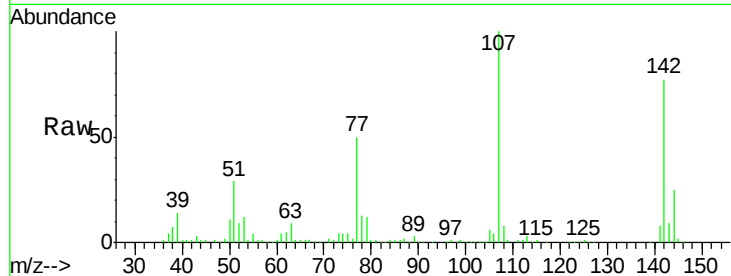




#36
 4-Chloro-3-methylphenol
 Concen: 39.21 ng
 RT: 8.31 min Scan# 1109
 Delta R.T. -0.06 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

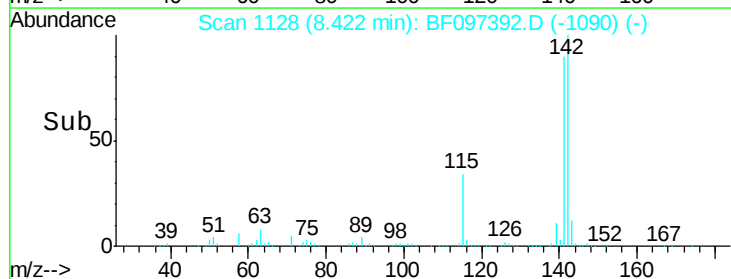
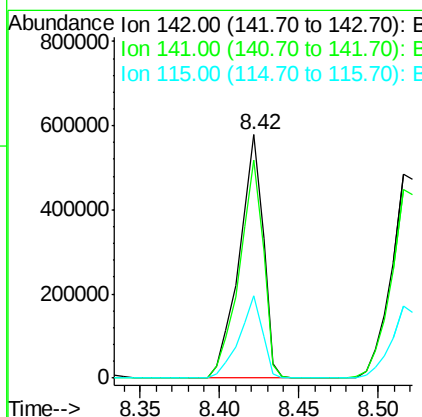
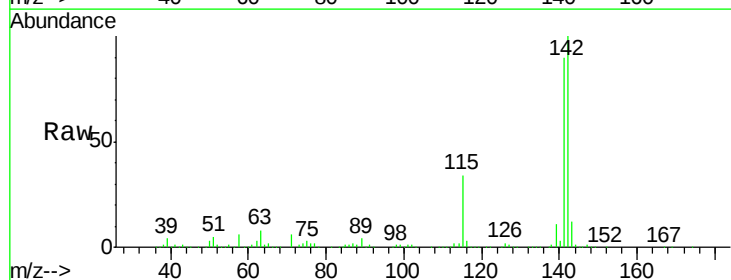
Instrument :
 BNA_F
 ClientSampleId :

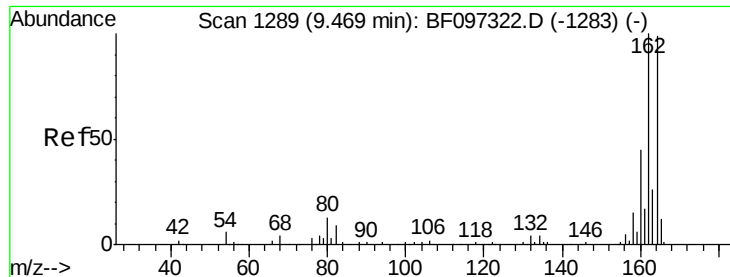
Tot Ion:107 Resp: 270415
 Ion Ratio Lower Upper
 107 100
 144 24.6 24.2 36.4
 142 77.4 73.4 110.0



#37
 2-Methylnaphthalene
 Concen: 43.91 ng
 RT: 8.42 min Scan# 1128
 Delta R.T. -0.08 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Tgt Ion:142 Resp: 606997
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.3 106.9
 115 33.8 27.1 40.7

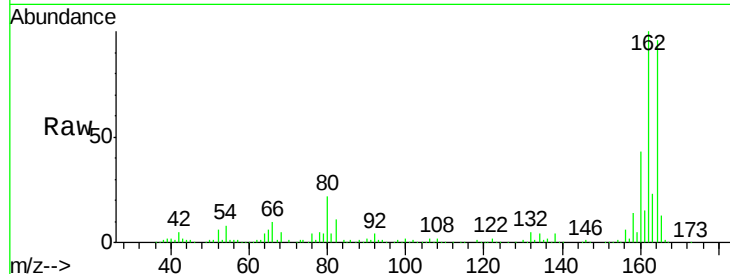




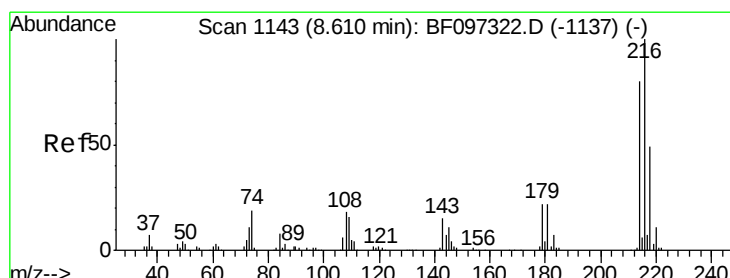
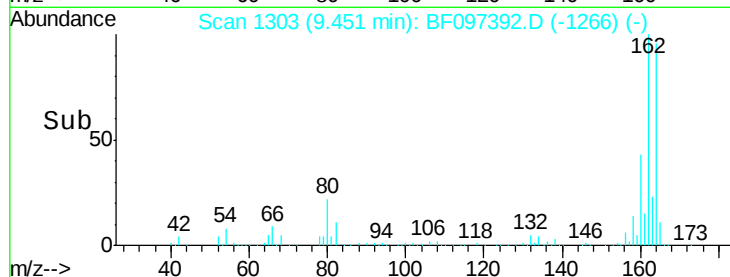
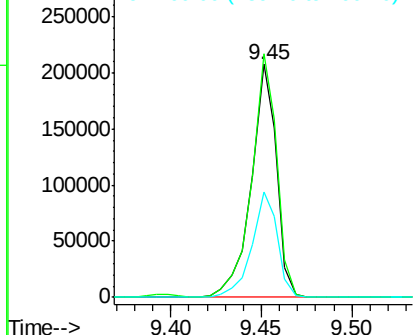
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.45 min Scan# 1303
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 200349
Ion Ratio Lower Upper
164 100
162 104.4 82.6 123.8
160 45.1 36.2 54.2



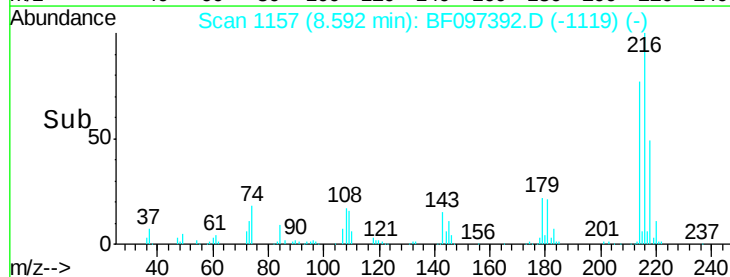
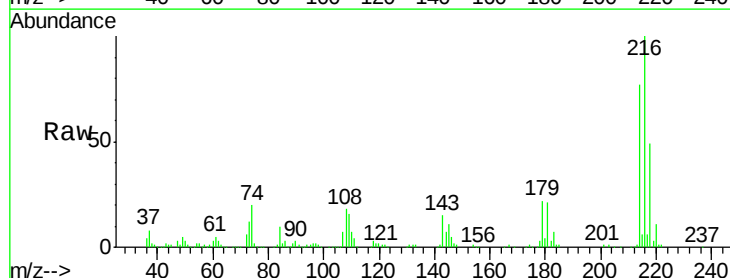
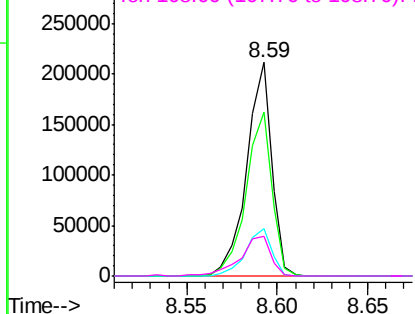
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

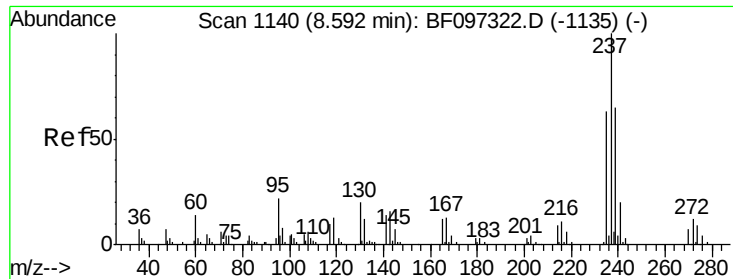


#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.00 ng
RT: 8.59 min Scan# 1157
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion:216 Resp: 203146
Ion Ratio Lower Upper
216 100
214 79.4 63.4 95.2
179 23.0 17.9 26.9
108 22.7 16.5 24.7

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

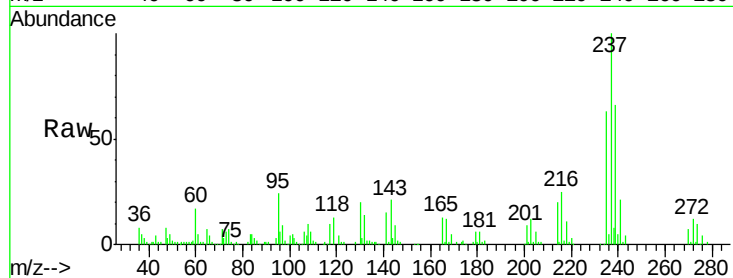




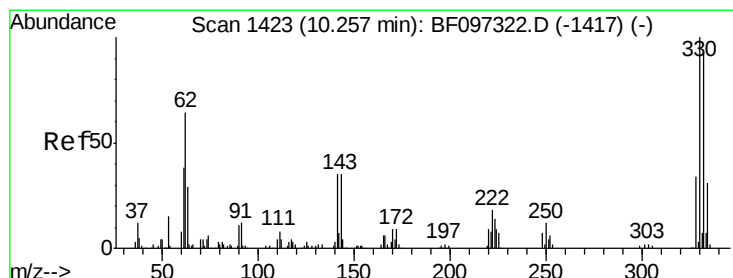
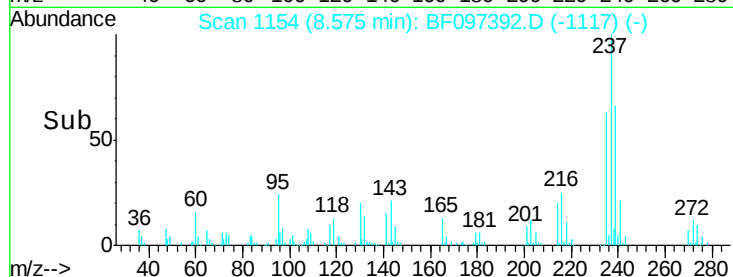
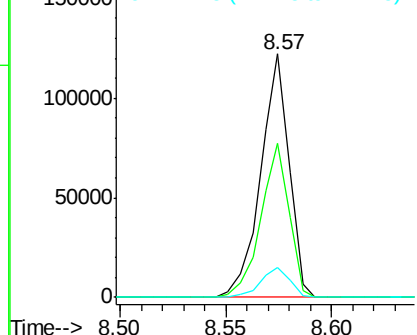
#40
Hexachlorocyclopentadiene
Concen: 62.65 ng
RT: 8.57 min Scan# 1154
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 114204
Ion Ratio Lower Upper
237 100
235 63.5 42.6 82.6
272 12.2 0.0 31.9

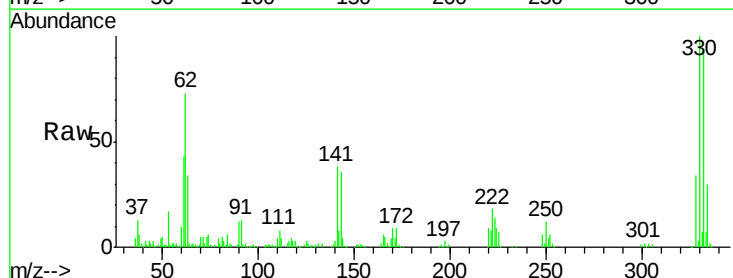


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

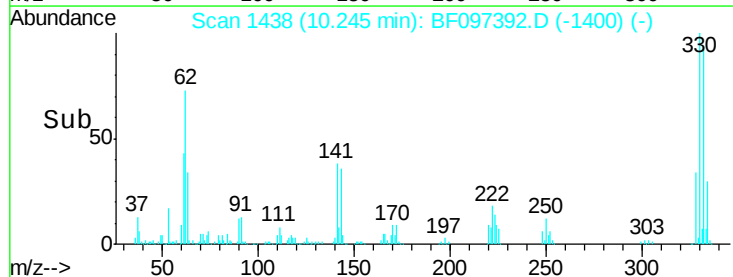
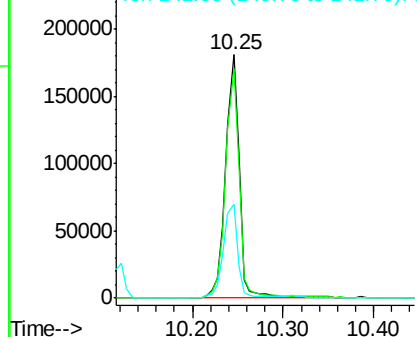


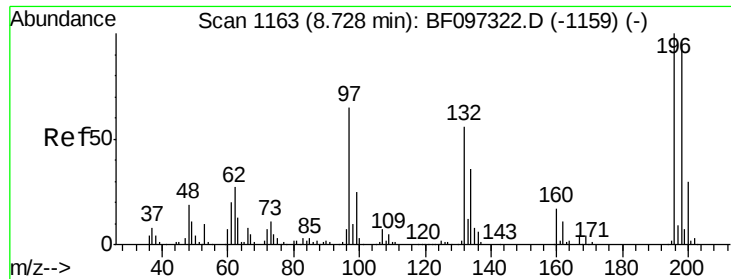
#41
2,4,6-Tribromophenol
Concen: 119.87 ng
RT: 10.25 min Scan# 1438
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion:330 Resp: 189754
Ion Ratio Lower Upper
330 100
332 93.5 76.6 115.0
141 40.2 31.4 47.2



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

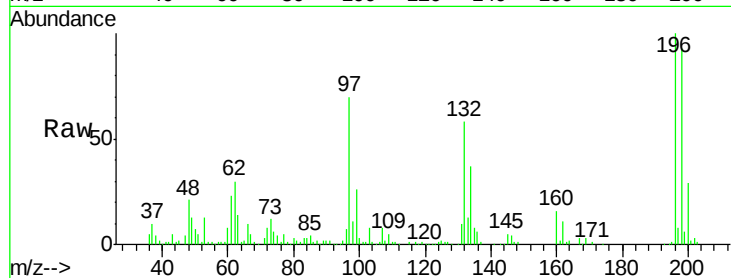




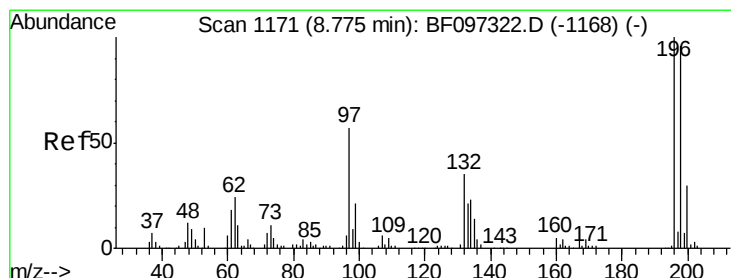
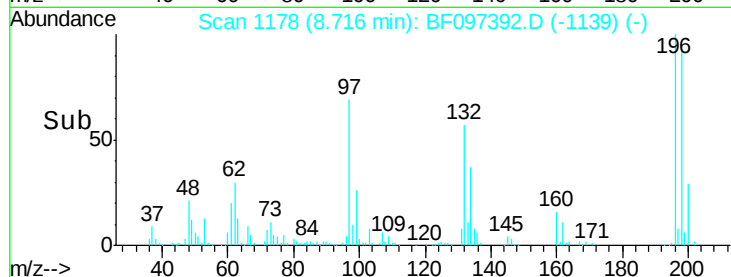
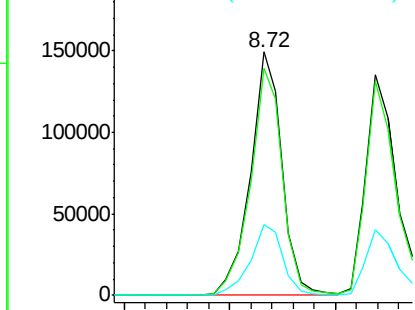
#42
 2,4,6-Trichlorophenol
 Concen: 40.06 ng
 RT: 8.72 min Scan# 1178
 Delta R.T. -0.07 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 155186
 Ion Ratio Lower Upper
 196 100
 198 93.2 74.2 111.4
 200 29.2 24.0 36.0

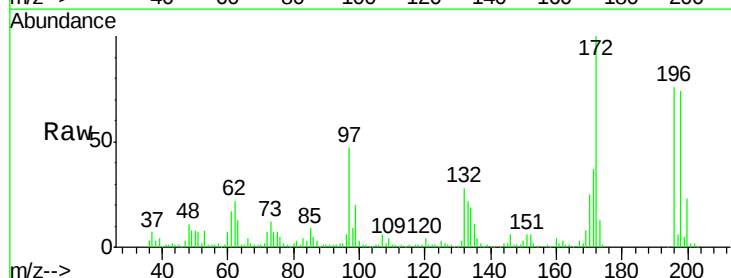


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

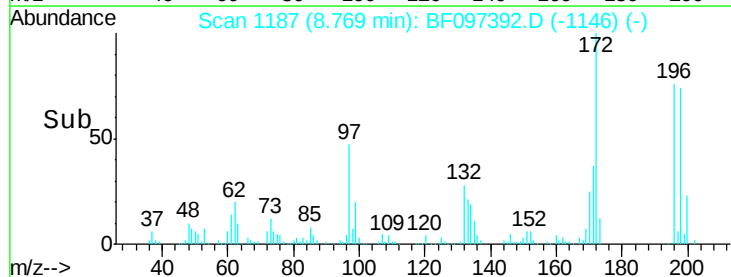
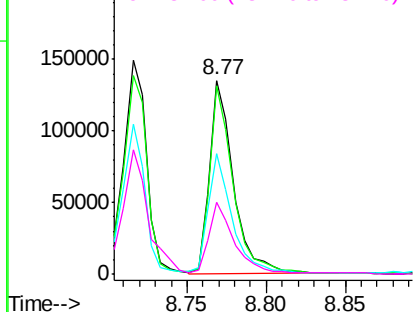


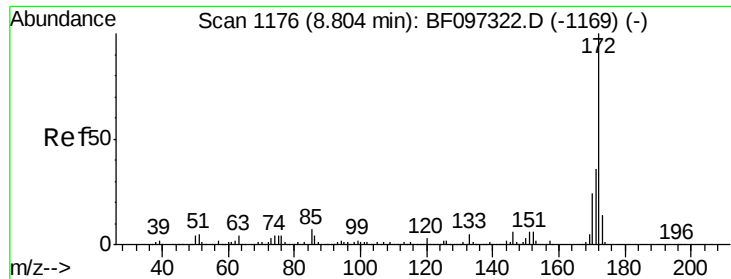
#43
 2,4,5-Trichlorophenol
 Concen: 36.66 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.06 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Tgt Ion:196 Resp: 142144
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.7 113.5
 97 62.2 47.7 71.5
 132 37.1 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

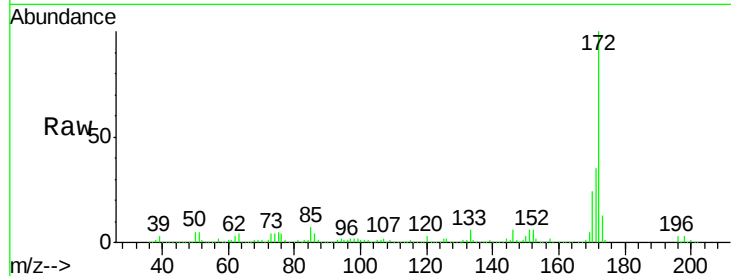




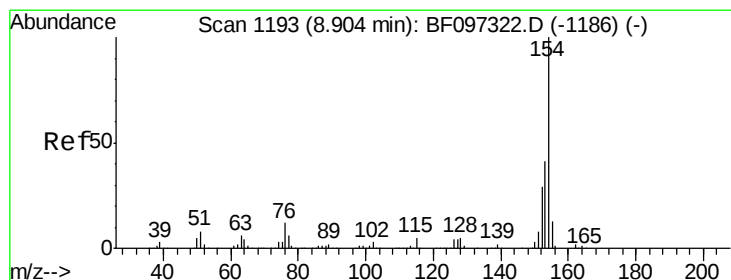
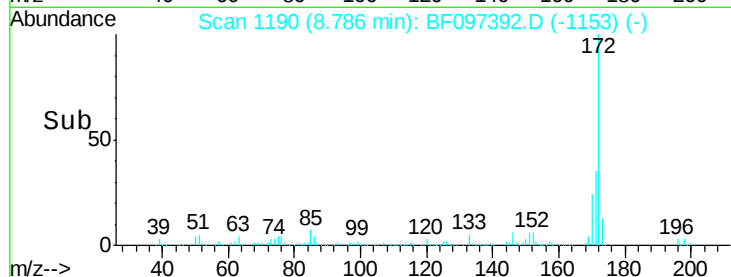
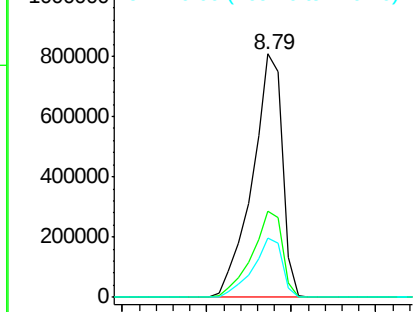
#44
2-Fluorobiphenyl
Concen: 84.41 ng
RT: 8.79 min Scan# 1190
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 996468
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 24.4 19.8 29.8

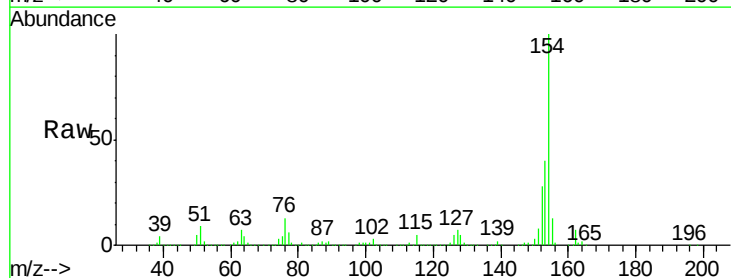


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

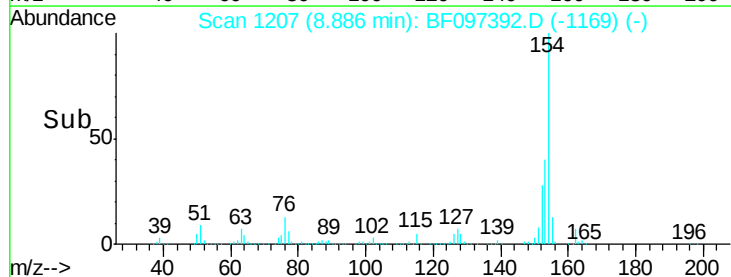
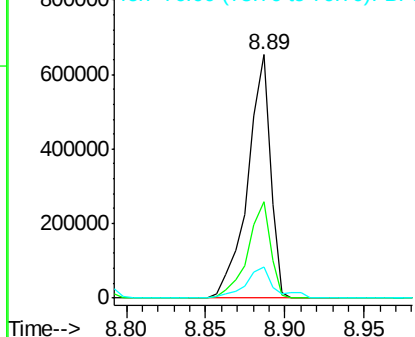


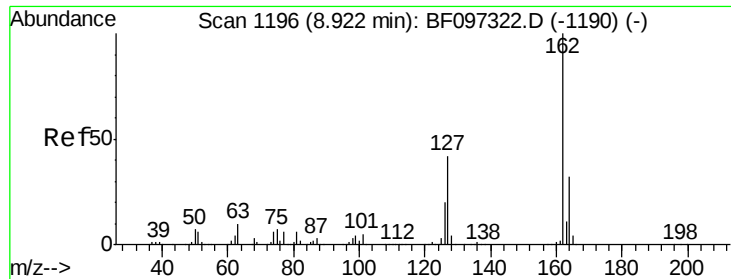
#45
1,1'-Biphenyl
Concen: 37.94 ng
RT: 8.89 min Scan# 1207
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion:154 Resp: 649258
Ion Ratio Lower Upper
154 100
153 39.8 21.2 61.2
76 13.0 0.0 29.9



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

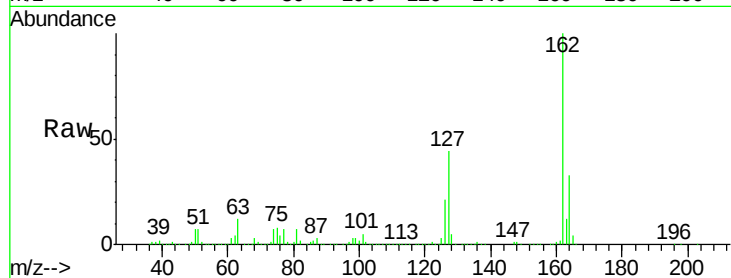




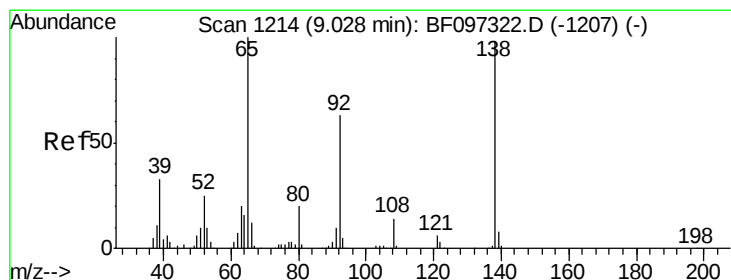
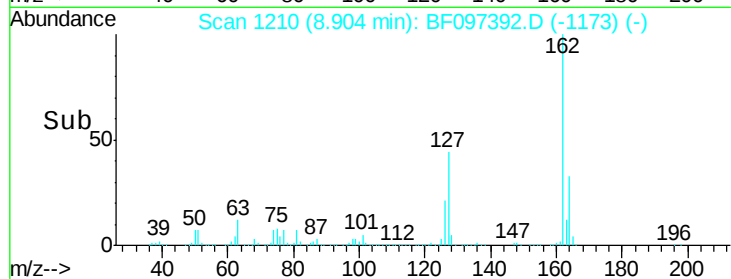
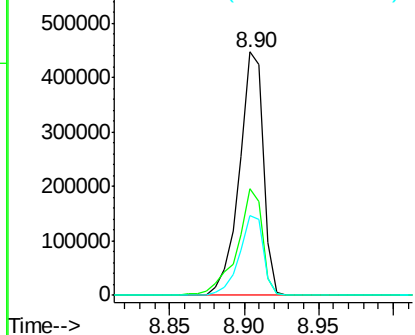
#46
 2-Chloronaphthalene
 Concen: 39.68 ng
 RT: 8.90 min Scan# 1210
 Delta R.T. -0.08 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	44.0	28.3	42.5#
164	32.9	27.0	40.4

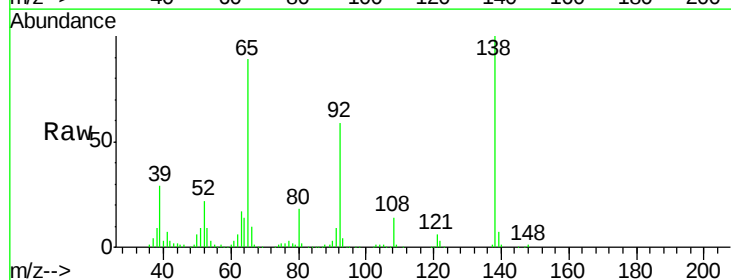


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

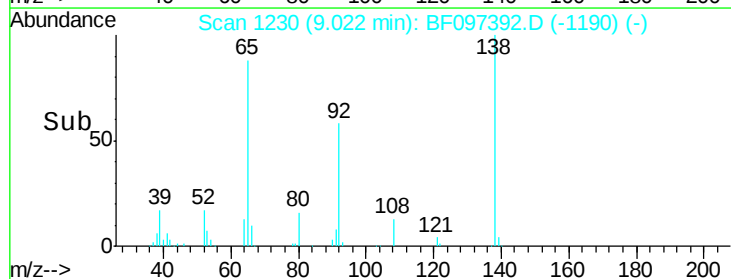
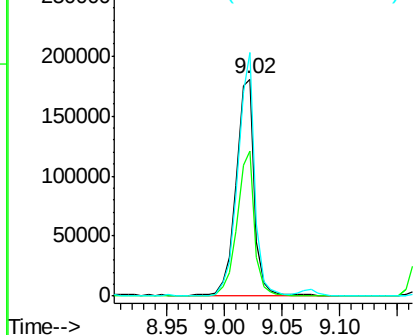


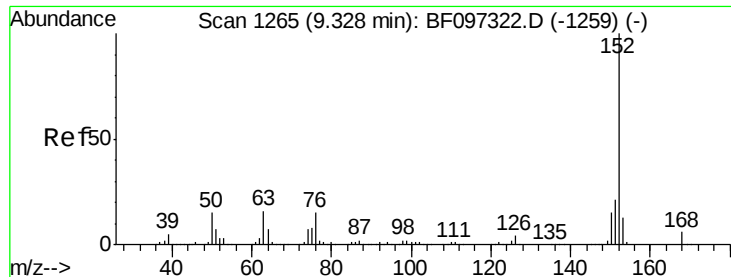
#47
 2-Nitroaniline
 Concen: 43.19 ng
 RT: 9.02 min Scan# 1230
 Delta R.T. -0.06 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.5	53.9	80.9
138	112.1	78.8	118.2



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





#48

Acenaphthylene

Concen: 41.60 ng

RT: 9.32 min Scan# 1280

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

ClientSampleId :

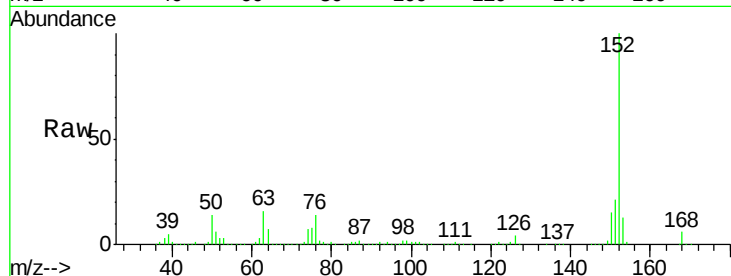
Tot Ion:152 Resp: 804113

Ion Ratio Lower Upper

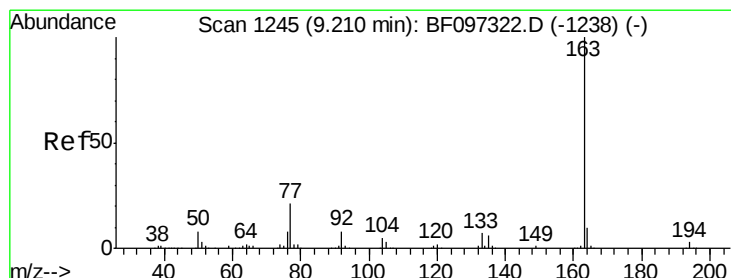
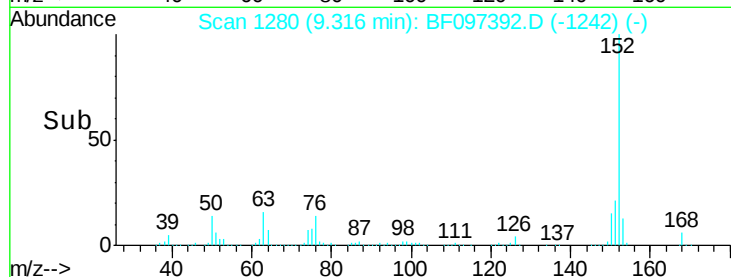
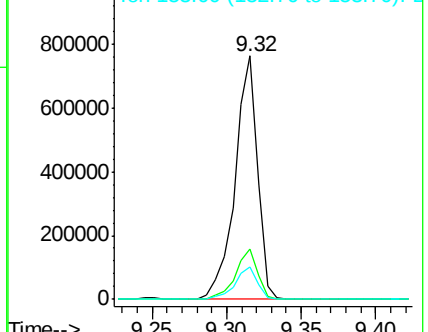
152 100

151 20.8 16.8 25.2

153 13.3 10.8 16.2



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



#49

Dimethylphthalate

Concen: 39.68 ng

RT: 9.20 min Scan# 1260

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

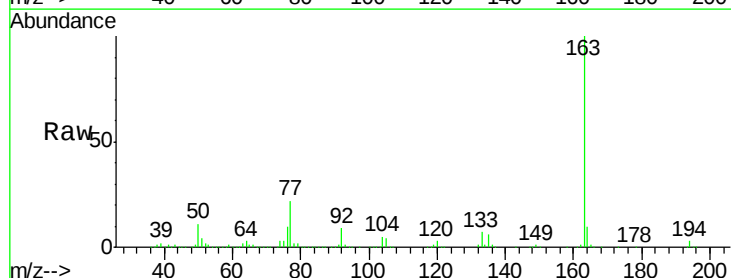
Tgt Ion:163 Resp: 603726

Ion Ratio Lower Upper

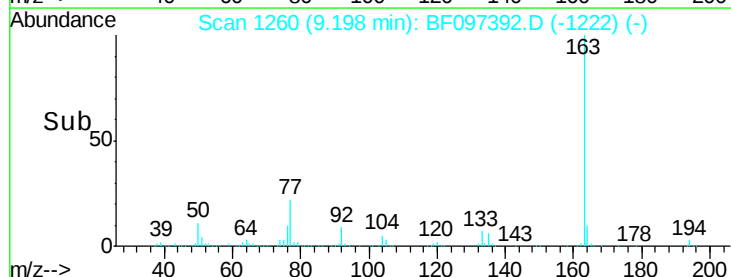
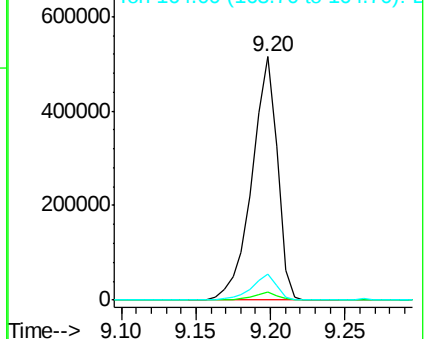
163 100

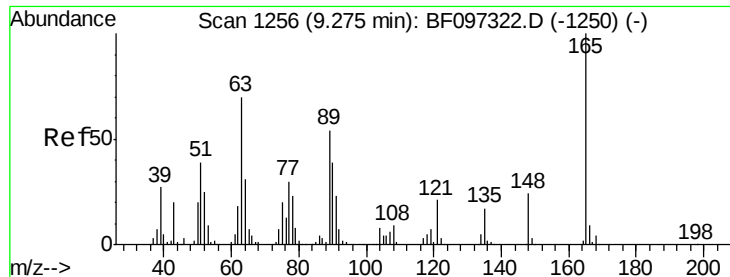
194 3.1 2.6 4.0

164 10.5 8.4 12.6



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

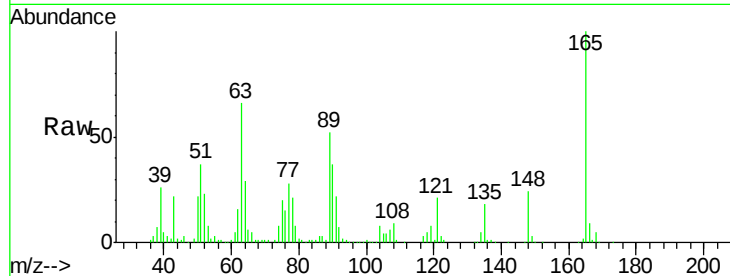




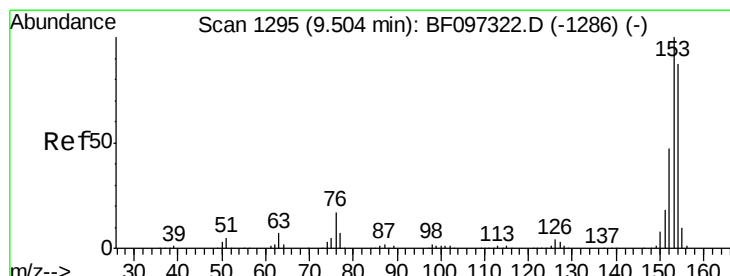
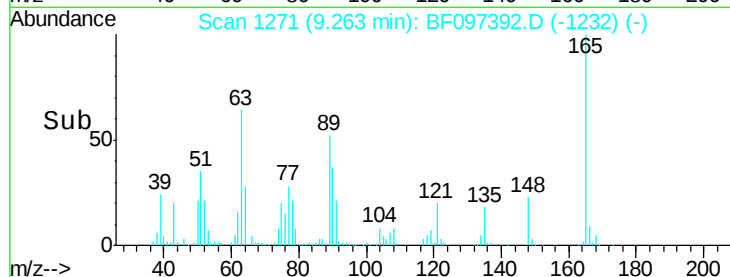
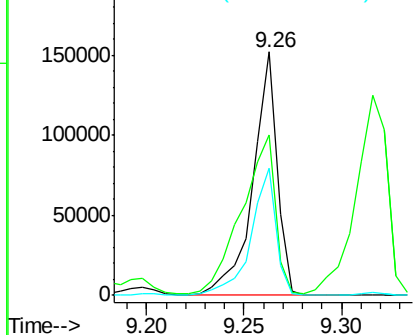
#50
2,6-Dinitrotoluene
Concen: 40.87 ng
RT: 9.26 min Scan# 1271
Delta R.T. -0.07 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 131889
Ion Ratio Lower Upper
165 100
63 65.8 34.3 51.5#
89 52.2 37.1 55.7

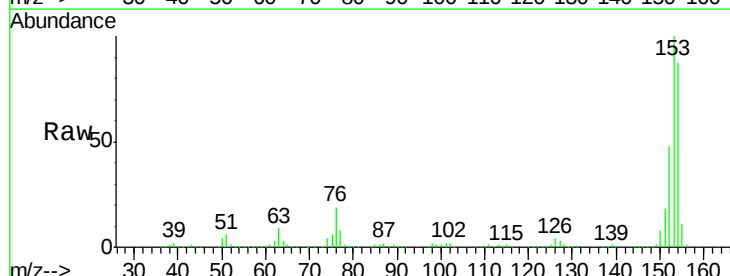


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

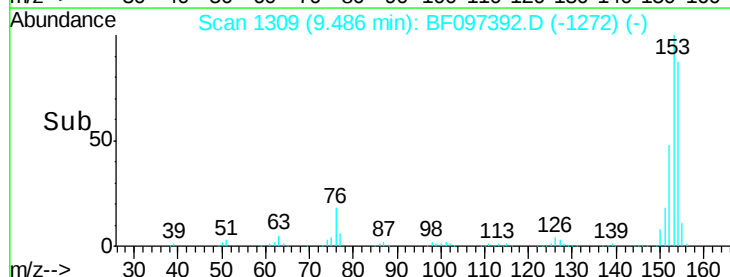
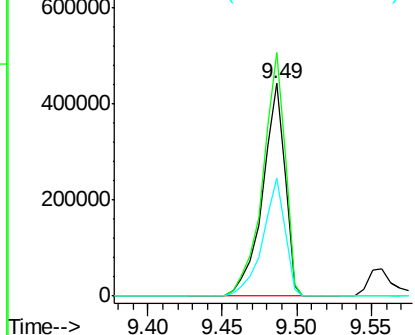


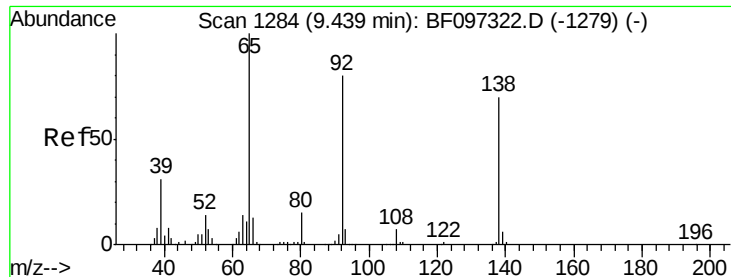
#51
Acenaphthene
Concen: 40.16 ng
RT: 9.49 min Scan# 1309
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion:154 Resp: 457236
Ion Ratio Lower Upper
154 100
153 114.6 90.5 135.7
152 55.5 43.6 65.4



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

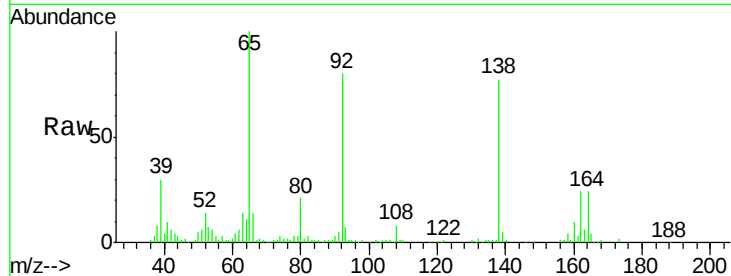




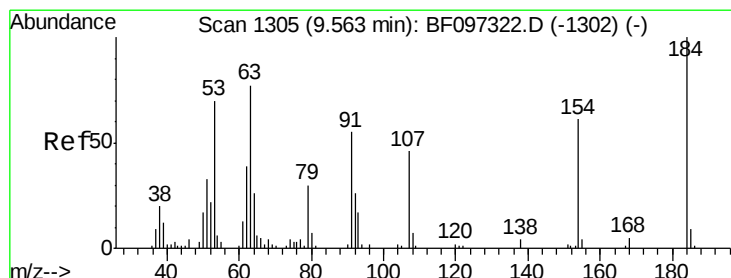
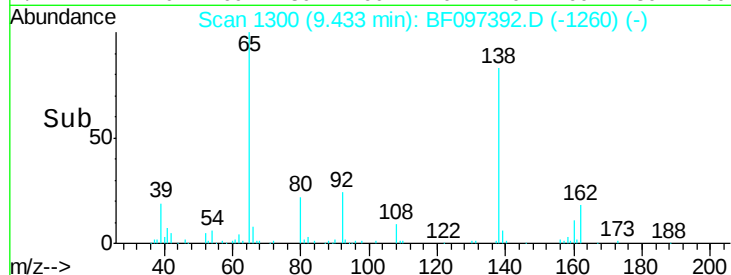
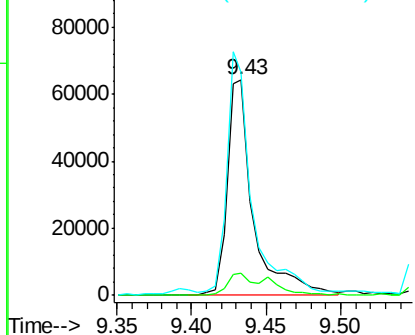
#52
 3-Nitroaniline
 Concen: 19.96 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. -0.06 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 79956
 Ion Ratio Lower Upper
 138 100
 108 10.4 9.1 13.7
 92 103.6 93.8 140.6

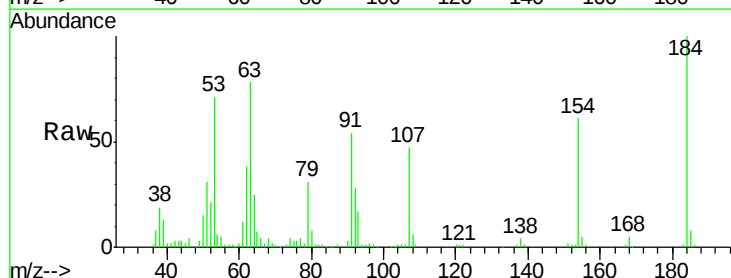


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

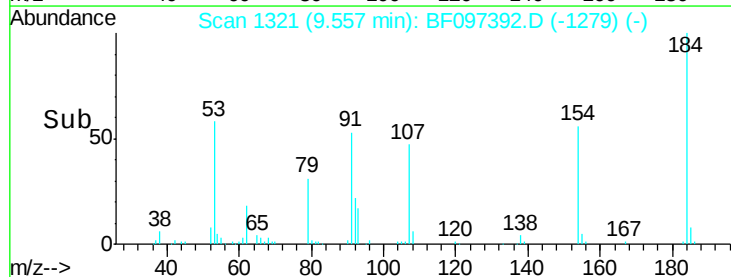
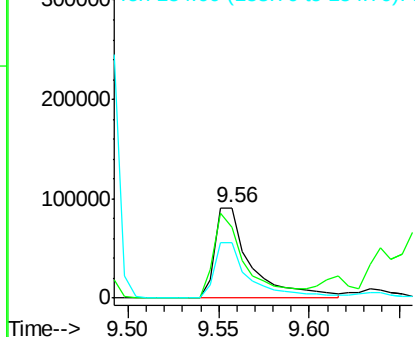


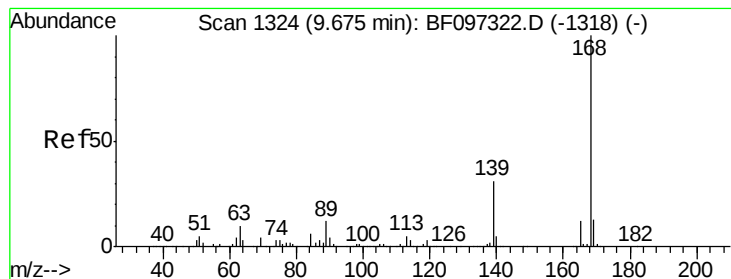
#53
 2,4-Dinitrophenol
 Concen: 85.25 ng
 RT: 9.56 min Scan# 1321
 Delta R.T. -0.05 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Tgt Ion:184 Resp: 125077
 Ion Ratio Lower Upper
 184 100
 63 78.4 62.7 94.1
 154 61.3 81.1 121.7#



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





#54

Dibenzofuran

Concen: 43.42 ng

RT: 9.66 min Scan# 1338

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

ClientSampleId :

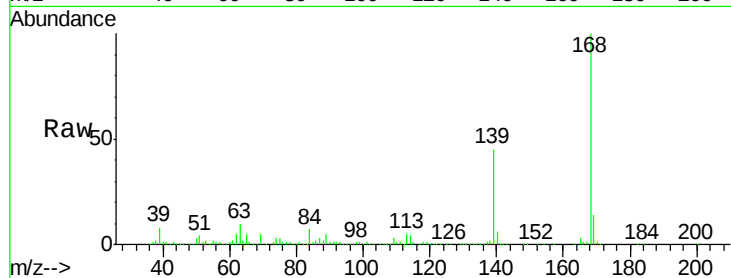
Tot Ion:168 Resp: 658540

Ion Ratio Lower Upper

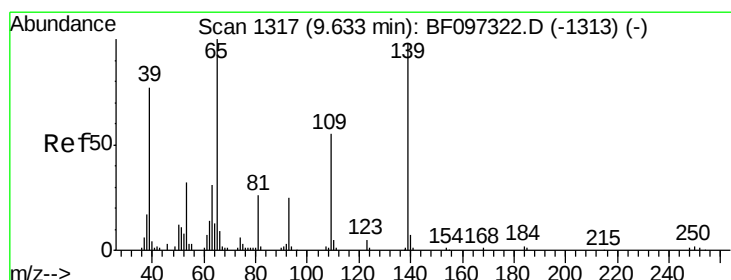
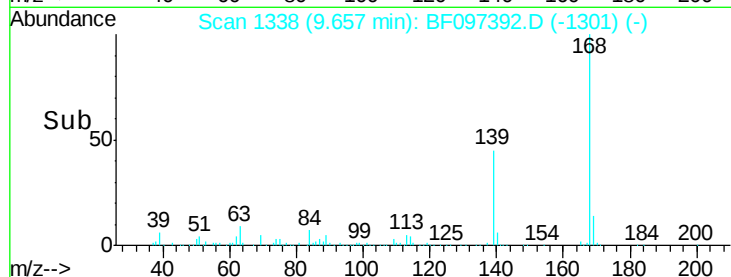
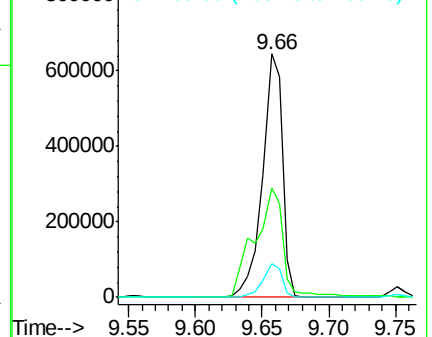
168 100

139 45.0 30.6 45.8

169 13.6 10.8 16.2



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



#55

4-Nitrophenol

Concen: 187.63 ng

RT: 9.66 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

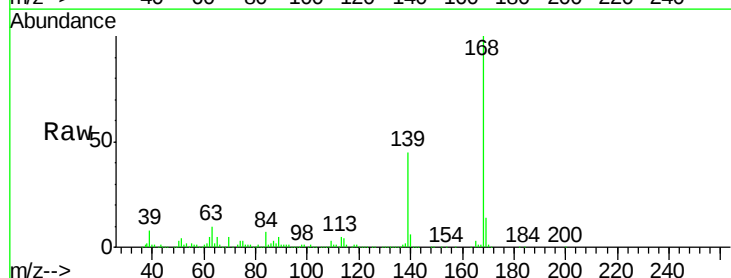
Tgt Ion:139 Resp: 446904

Ion Ratio Lower Upper

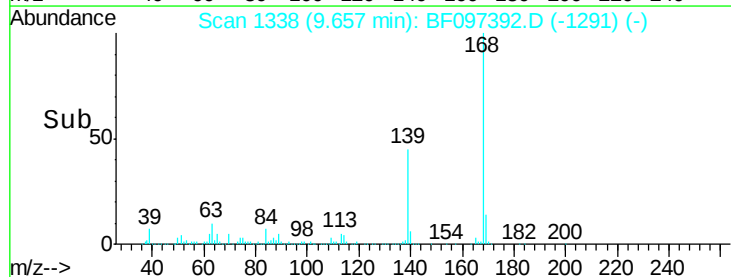
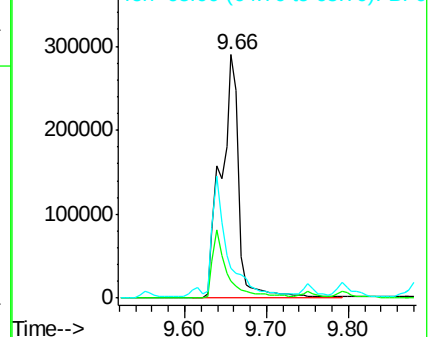
139 100

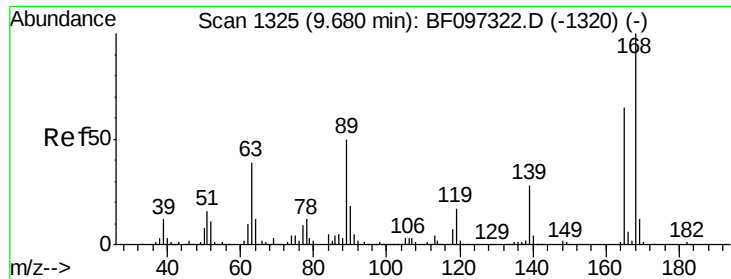
109 7.2 34.1 74.1#

65 12.2 31.4 71.4#



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

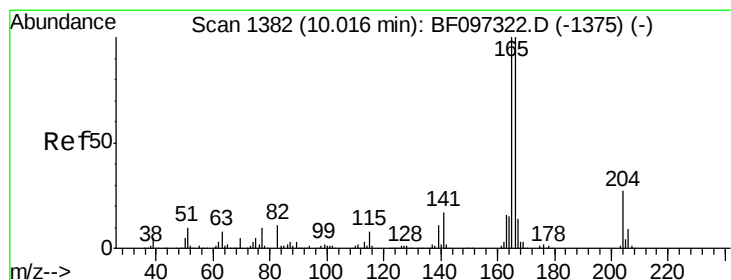
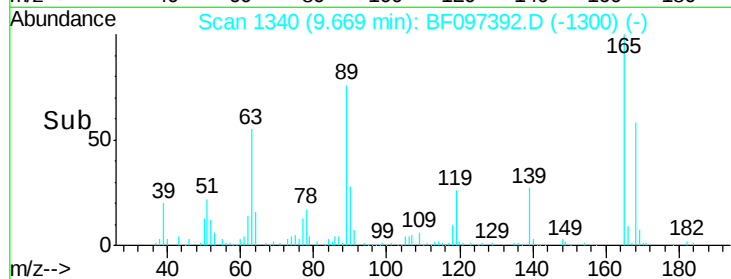
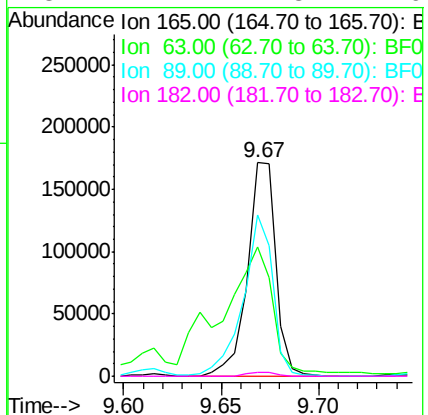
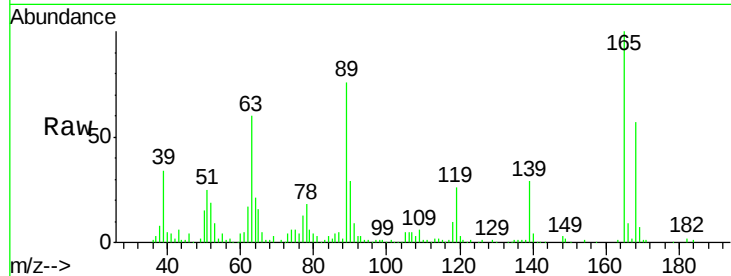




#56
 2,4-Dinitrotoluene
 Concen: 46.73 ng
 RT: 9.67 min Scan# 1340
 Delta R.T. -0.06 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

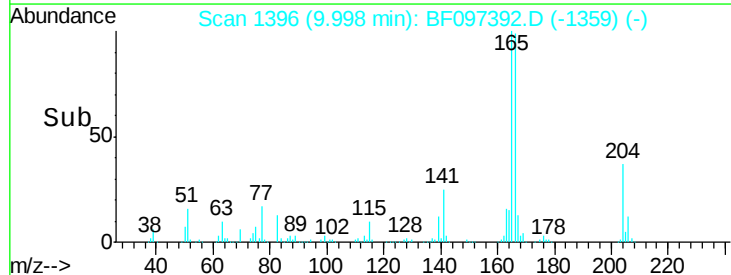
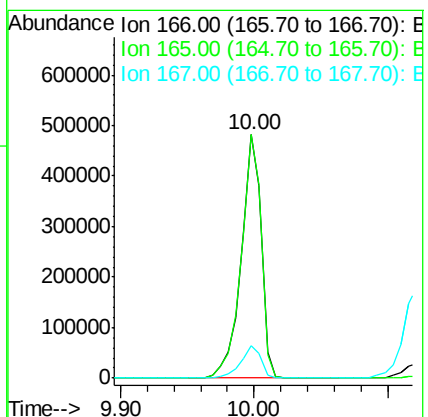
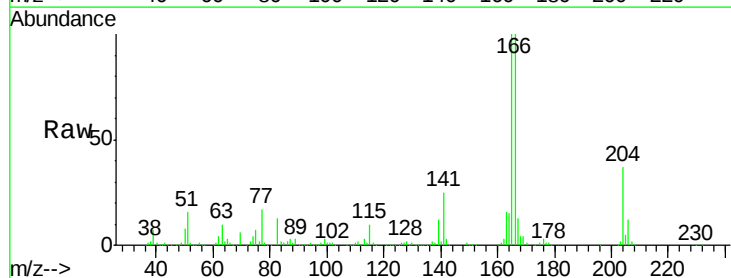
Instrument :
 BNA_F
 ClientSampleId :

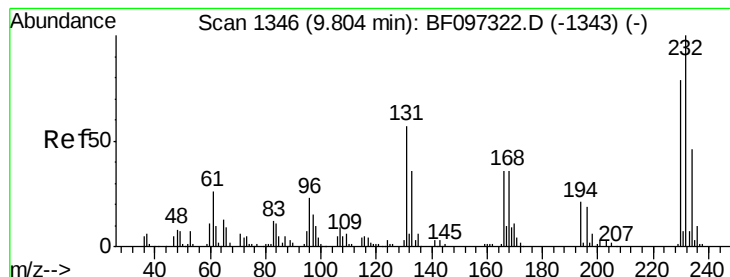
Tot Ion:	165	Resp:	173328
Ion	Ratio	Lower	Upper
165	100		
63	60.5	25.4	38.0#
89	75.5	46.4	69.6#
182	2.1	1.8	2.6



#57
 Fluorene
 Concen: 43.57 ng
 RT: 10.00 min Scan# 1396
 Delta R.T. -0.08 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Tgt Ion:	166	Resp:	496654
Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.8	118.2
167	13.4	10.6	16.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 44.57 ng

RT: 9.79 min Scan# 1361

Delta R.T. -0.07 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 119336

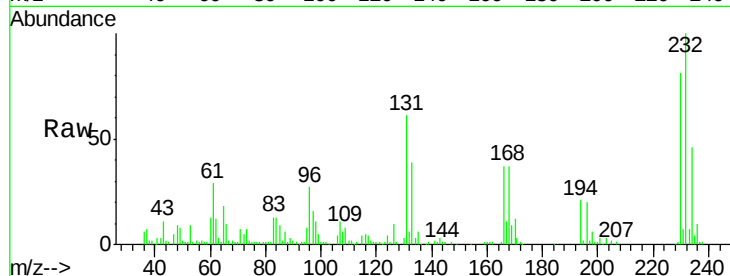
Ion Ratio Lower Upper

232 100

131 52.6 44.8 67.2

130 2.7 2.3 3.5

166 32.3 29.0 43.4

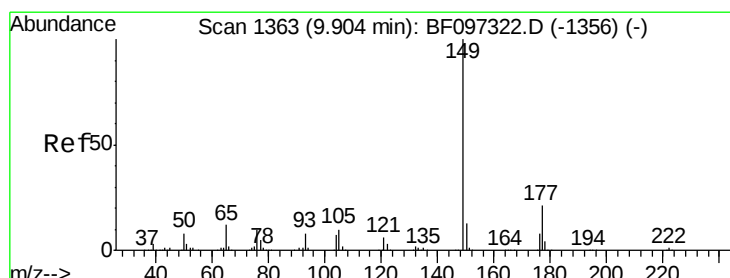
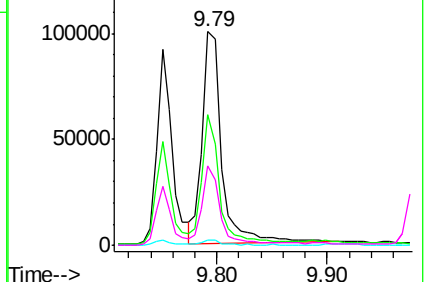
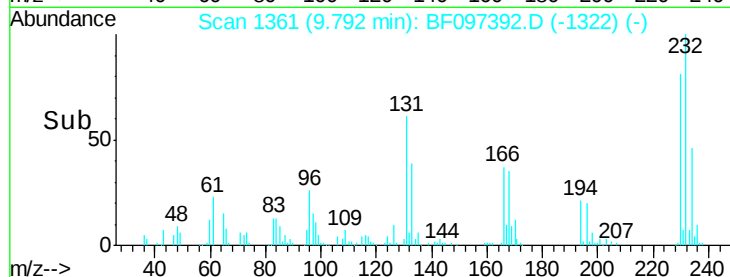


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 43.64 ng

RT: 9.89 min Scan# 1378

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

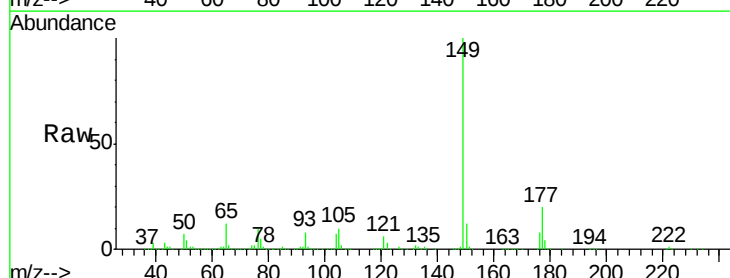
Tgt Ion:149 Resp: 609195

Ion Ratio Lower Upper

149 100

177 20.1 16.7 25.1

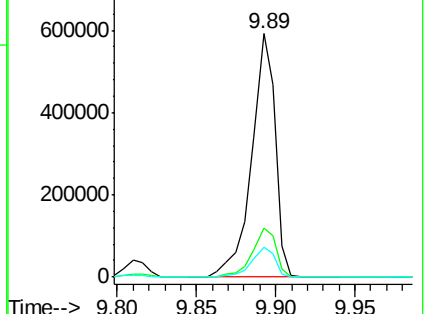
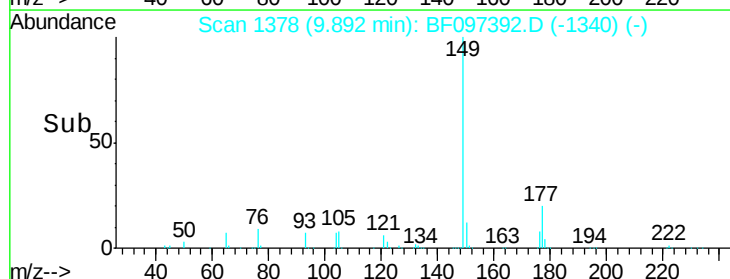
150 12.2 10.2 15.2

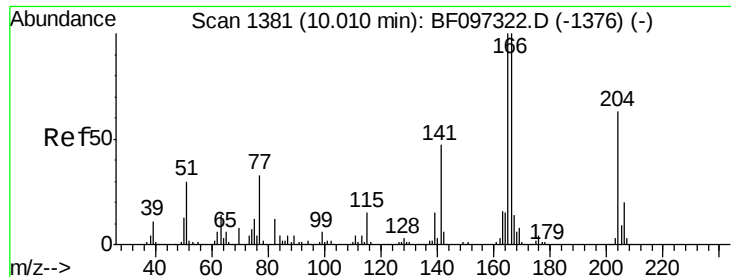


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

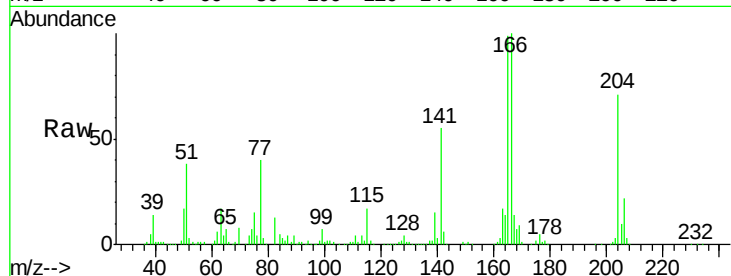




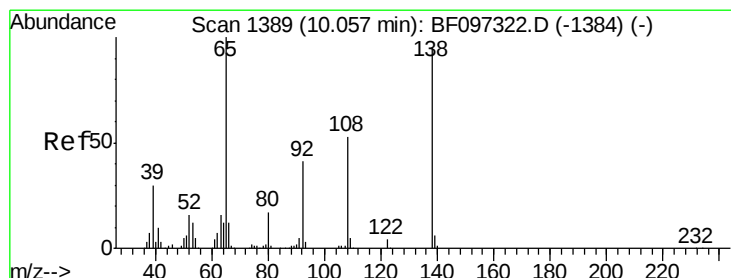
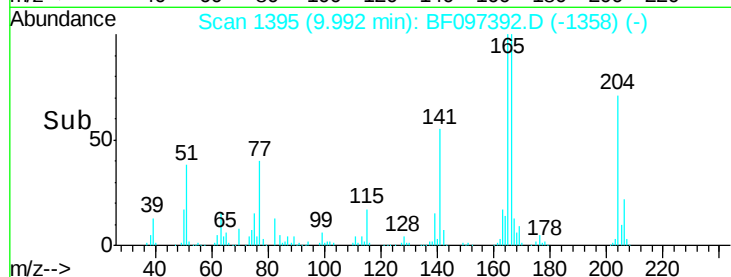
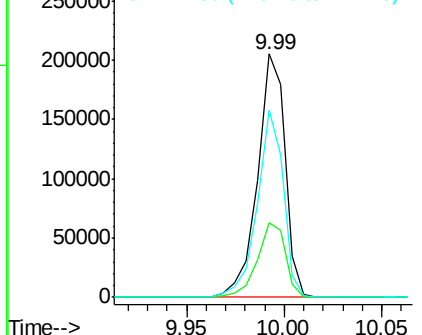
#60
4-Chlorophenyl-phenylether
Concen: 42.64 ng
RT: 9.99 min Scan# 1395
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 200684
Ion Ratio Lower Upper
204 100
206 30.6 26.2 39.2
141 76.9 60.8 91.2

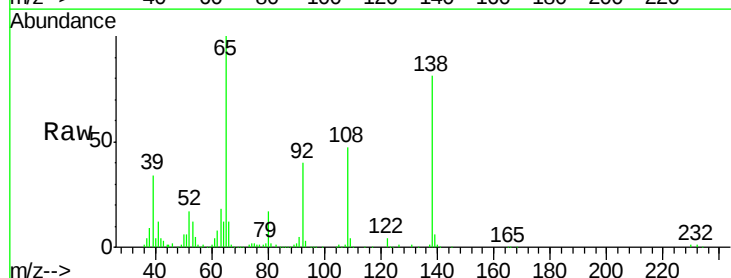


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

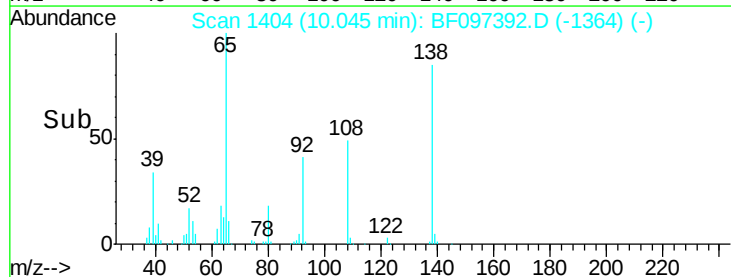
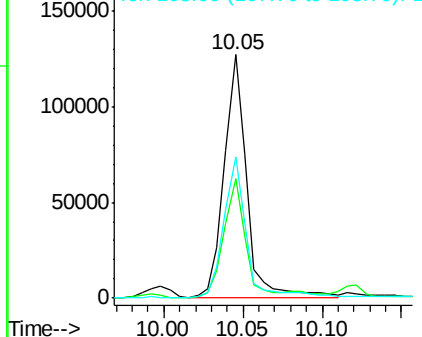


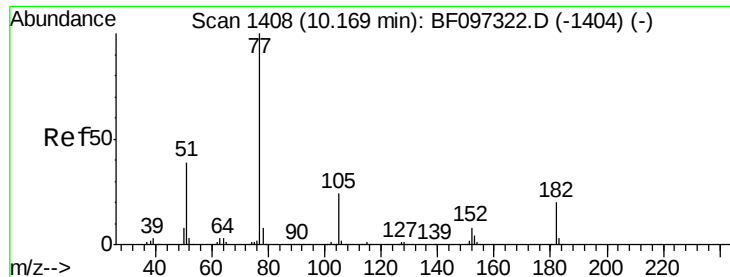
#61
4-Nitroaniline
Concen: 32.84 ng
RT: 10.05 min Scan# 1404
Delta R.T. -0.06 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion:138 Resp: 124998
Ion Ratio Lower Upper
138 100
92 49.0 21.8 61.8
108 57.9 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: 44.89 ng

RT: 10.16 min Scan# 1423

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 581304

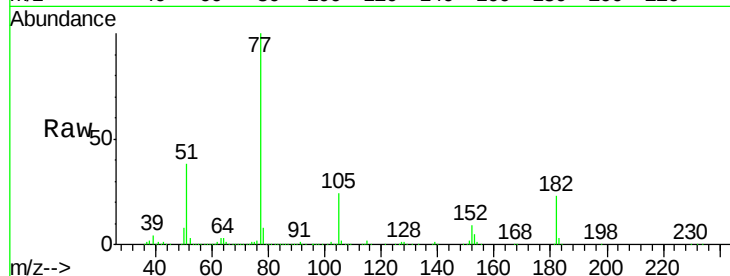
Ion Ratio Lower Upper

77 100

182 22.6 0.1 40.1

105 24.3 3.6 43.6

51 38.0 9.4 49.4

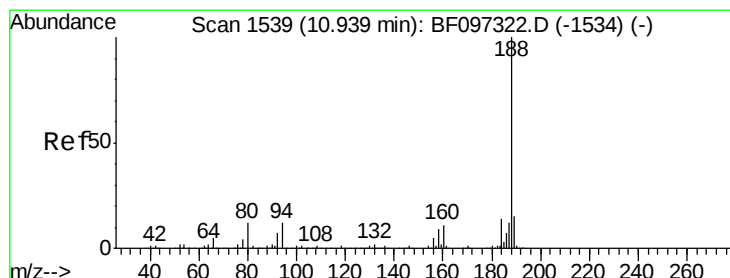
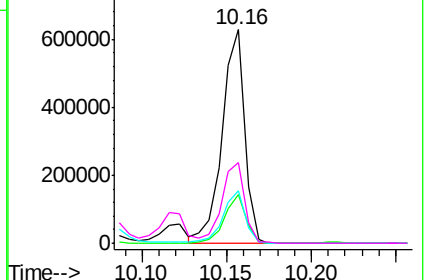
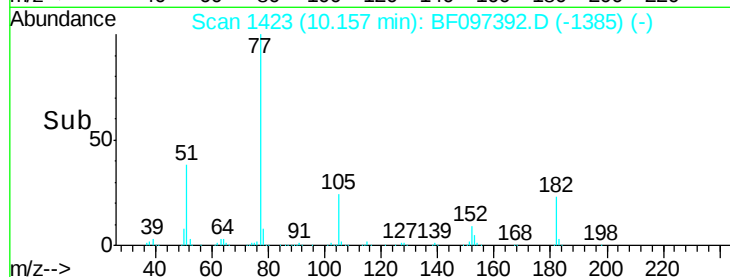


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.93 min Scan# 1554

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

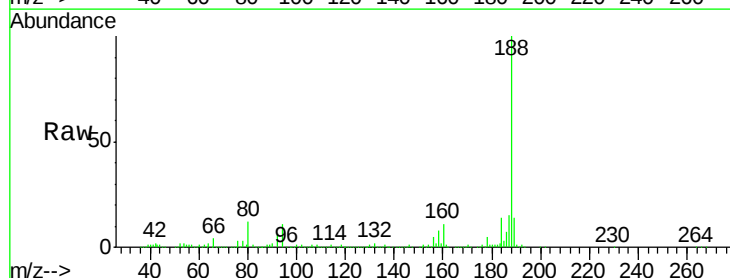
Tgt Ion: 188 Resp: 345711

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

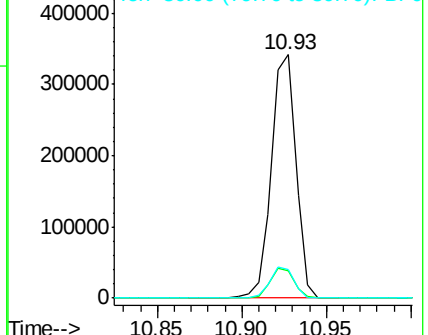
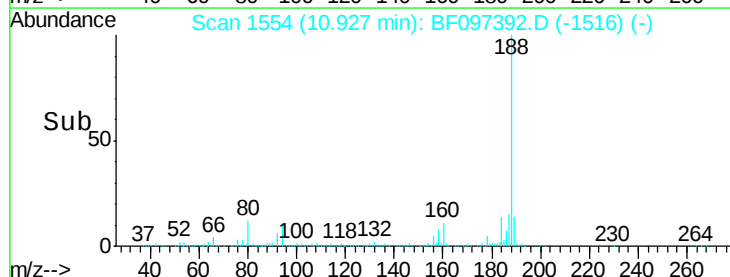
80 11.8 10.2 15.2

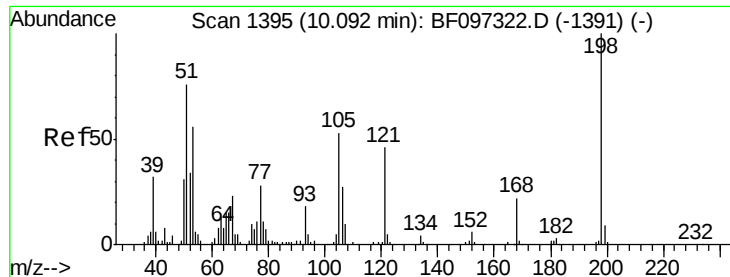


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 40.84 ng

RT: 10.09 min Scan# 1411

Delta R.T. -0.06 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

ClientSampleId :

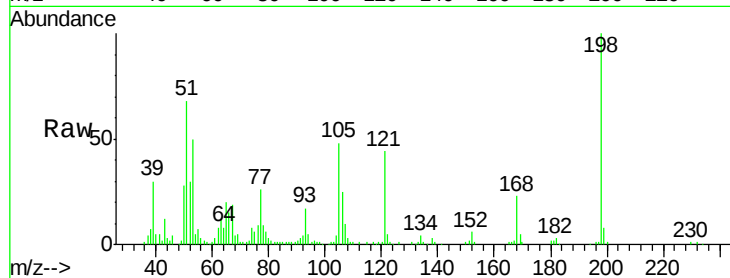
Tot Ion:198 Resp: 87738

Ion Ratio Lower Upper

198 100

51 67.9 53.2 93.2

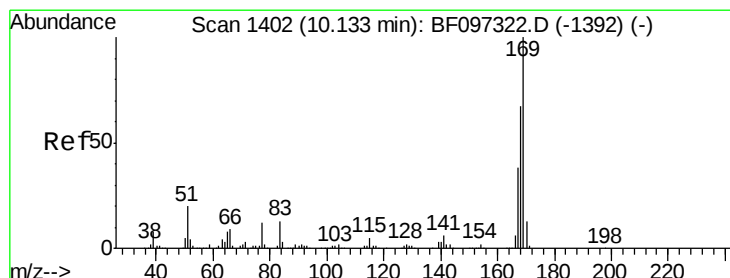
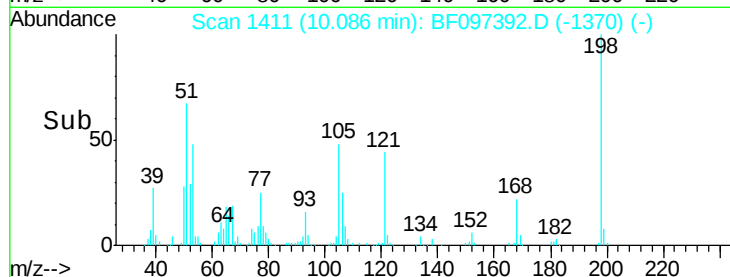
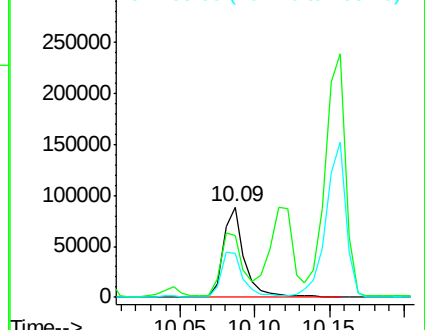
105 48.1 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 38.68 ng

RT: 10.12 min Scan# 1417

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

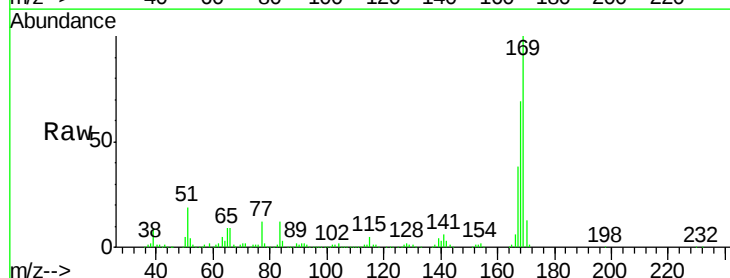
Tgt Ion:169 Resp: 465323

Ion Ratio Lower Upper

169 100

168 69.0 53.2 79.8

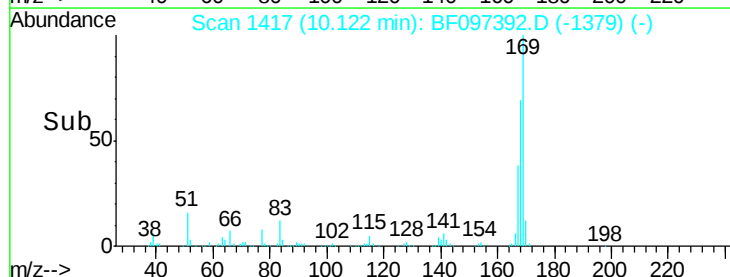
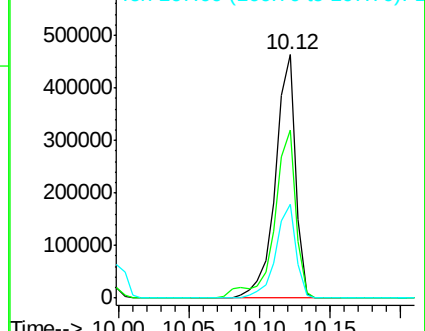
167 38.5 29.5 44.3

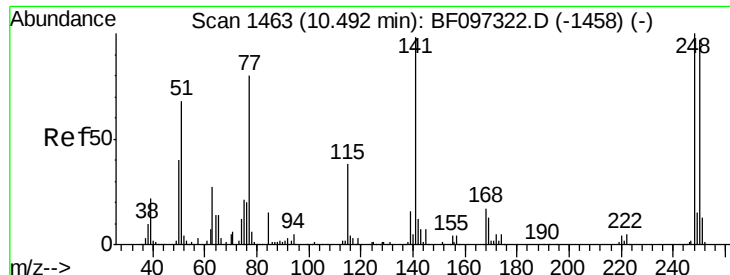


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

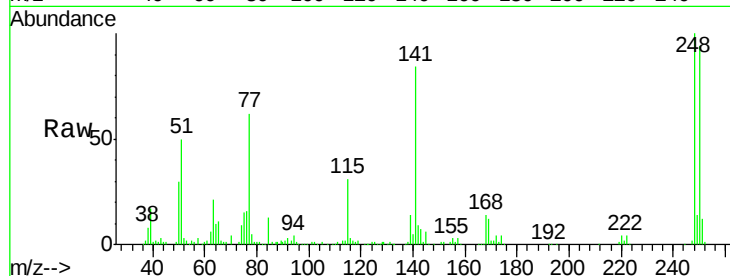




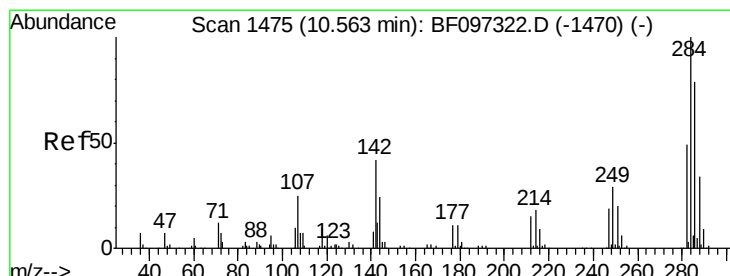
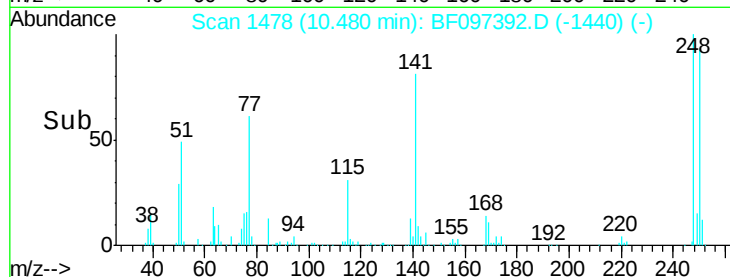
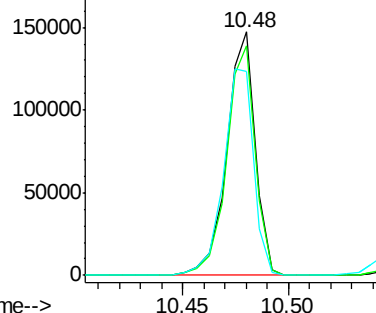
#66
 4-Bromophenyl-phenylether
 Concen: 40.14 ng
 RT: 10.48 min Scan# 1478
 Delta R.T. -0.08 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 138500
 Ion Ratio Lower Upper
 248 100
 250 94.1 76.8 115.2
 141 83.7 68.6 103.0

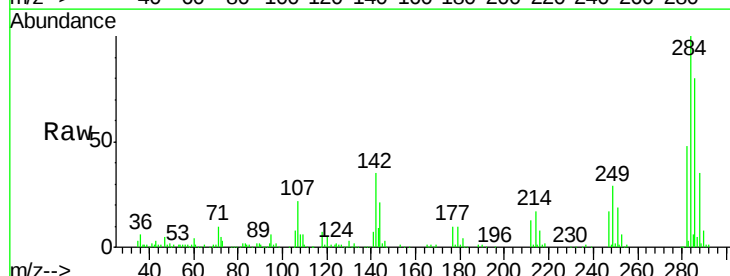


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

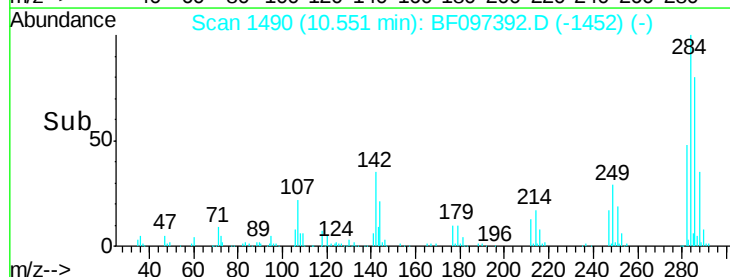
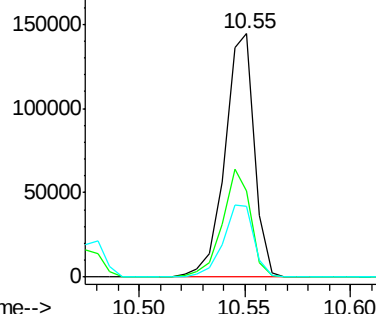


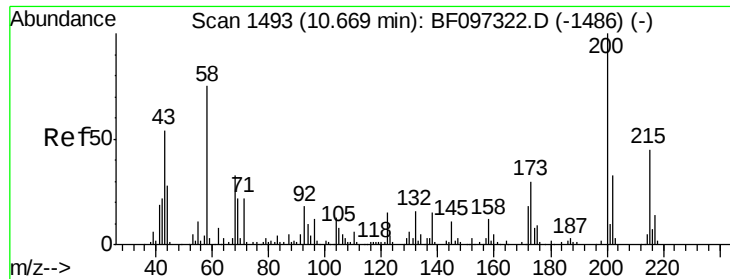
#67
 Hexachlorobenzene
 Concen: 36.23 ng
 RT: 10.55 min Scan# 1490
 Delta R.T. -0.08 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Tgt Ion:284 Resp: 140184
 Ion Ratio Lower Upper
 284 100
 142 35.5 22.8 34.2#
 249 29.2 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

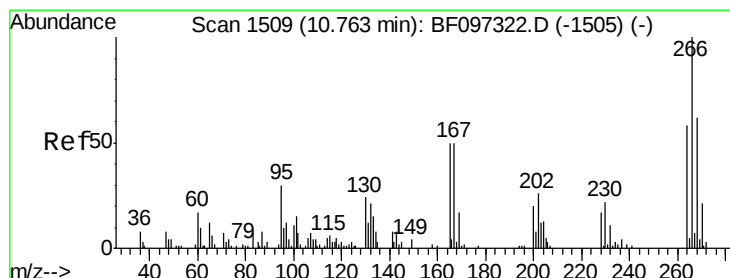
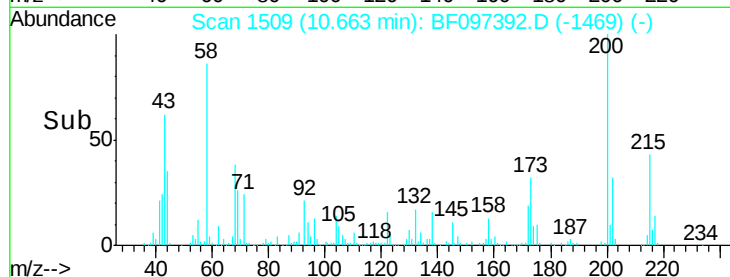
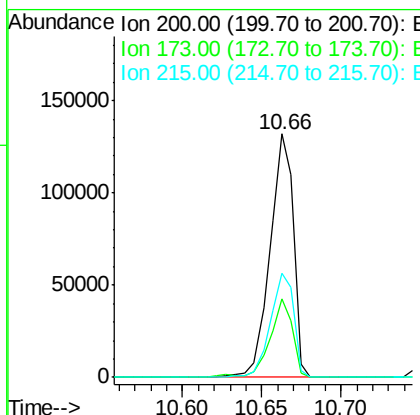
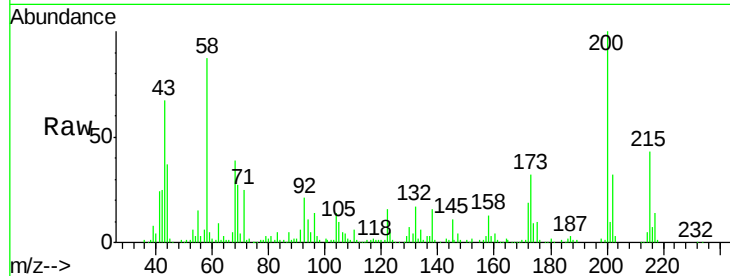




#68
Atrazine
Concen: 39.64 ng
RT: 10.66 min Scan# 1509
Delta R.T. -0.06 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

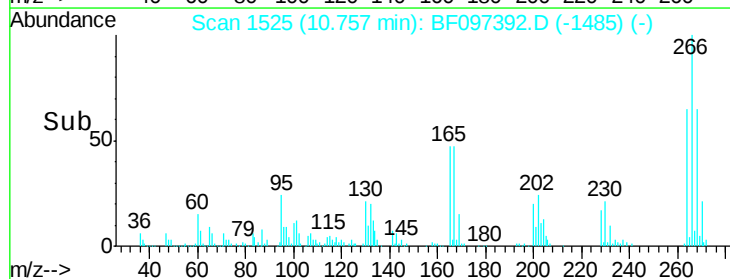
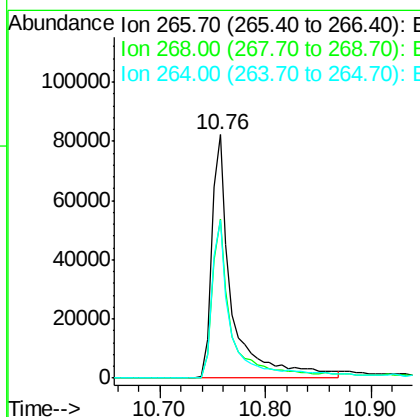
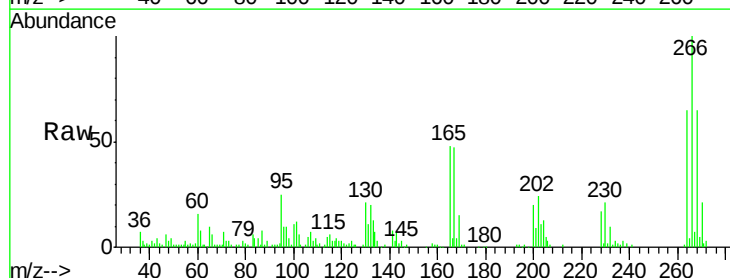
Instrument :
BNA_F
ClientSampleId :

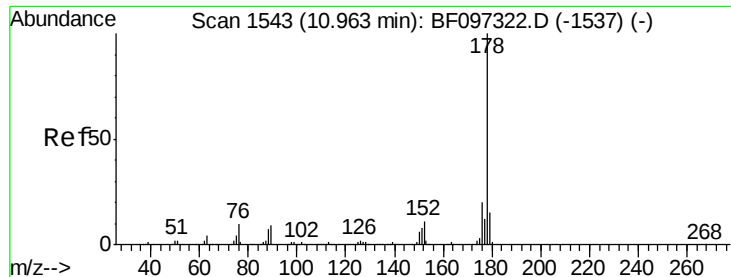
Tot Ion:200 Resp: 136735
Ion Ratio Lower Upper
200 100
173 32.3 6.3 46.3
215 42.8 27.2 67.2



#69
Pentachlorophenol
Concen: 68.40 ng
RT: 10.76 min Scan# 1525
Delta R.T. -0.06 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion:266 Resp: 109497
Ion Ratio Lower Upper
266 100
268 65.3 51.1 76.7
264 64.6 51.7 77.5





#70

Phenanthrene

Concen: 40.23 ng

RT: 10.95 min Scan# 1558

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

ClientSampleId :

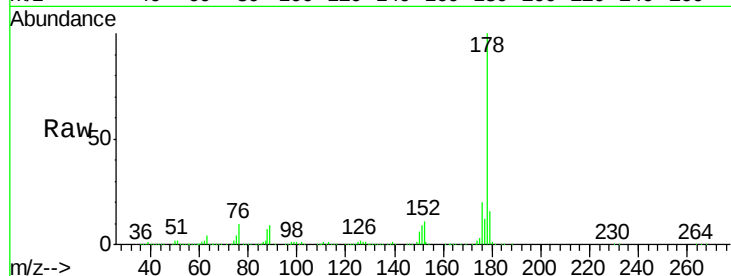
Tot Ion:178 Resp: 745214

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.4

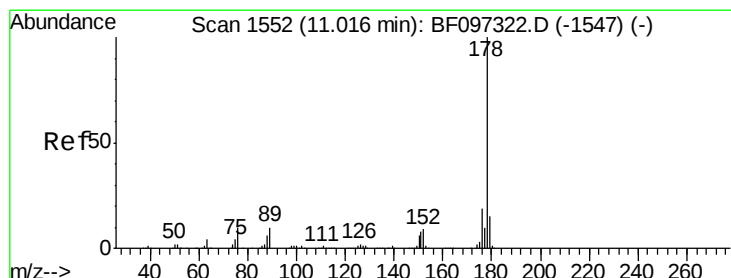
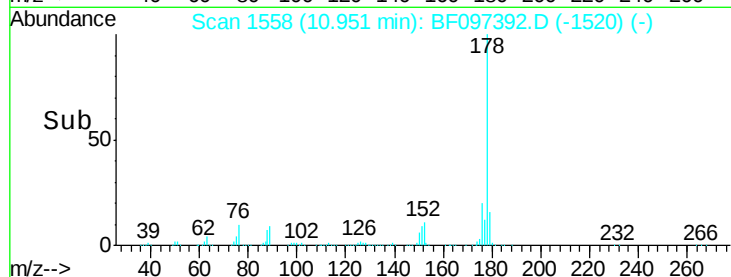
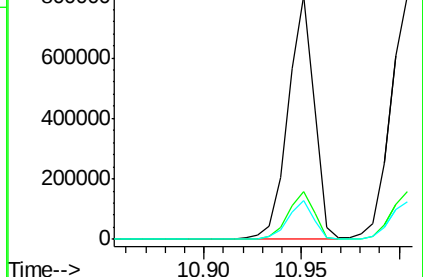
179 15.7 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 38.93 ng

RT: 11.00 min Scan# 1567

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

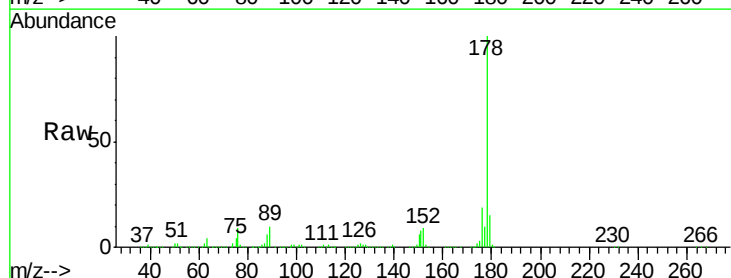
Tgt Ion:178 Resp: 738574

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

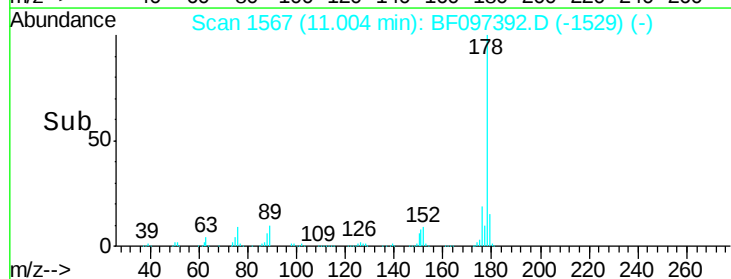
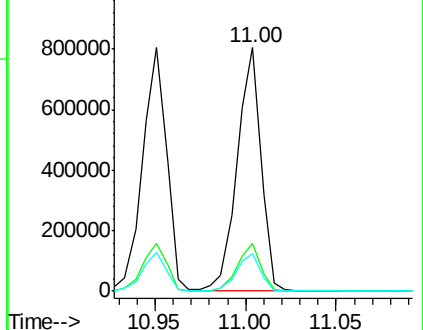
179 15.3 12.7 19.1

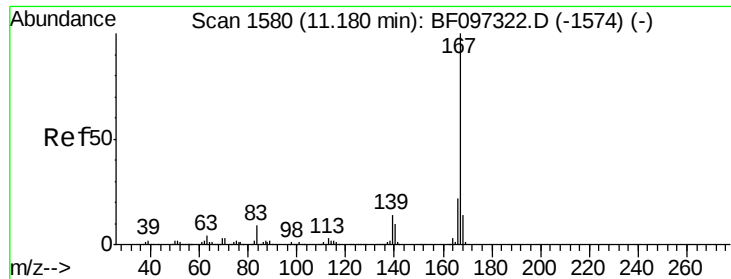


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 39.06 ng

RT: 11.17 min Scan# 1595

Delta R.T. -0.07 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

ClientSampled :

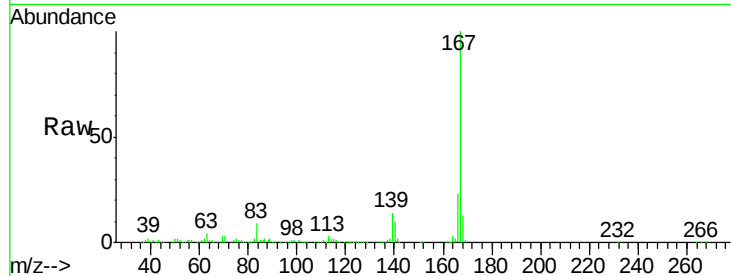
Tot Ion:167 Resp: 728884

Ion Ratio Lower Upper

167 100

166 23.2 18.1 27.1

139 14.1 11.7 17.5

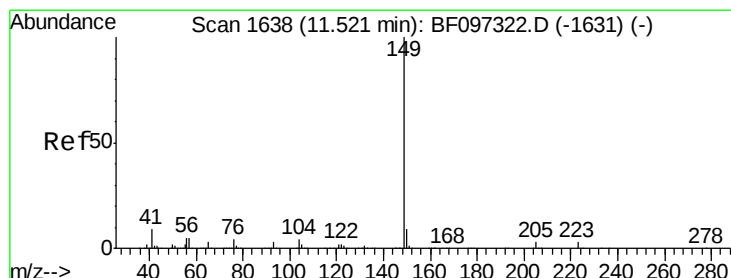
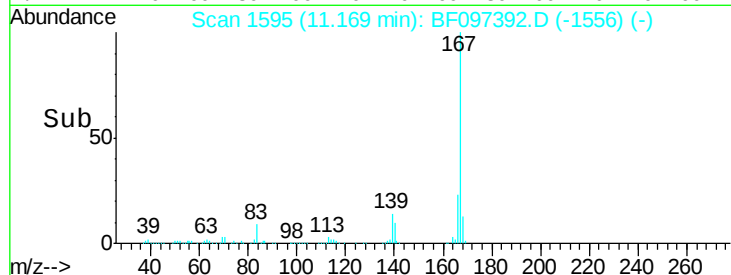


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



#73

Di-n-butylphthalate

Concen: 40.02 ng

RT: 11.50 min Scan# 1652

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

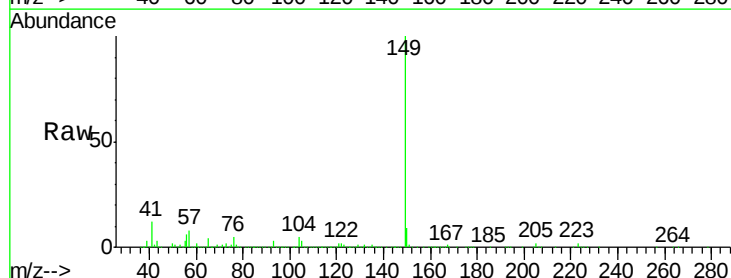
Tgt Ion:149 Resp: 922998

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

104 4.8 4.0 6.0

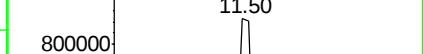
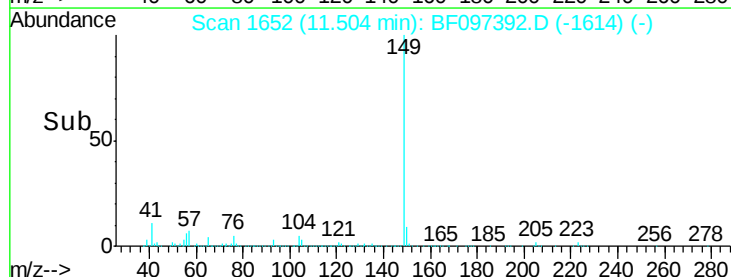


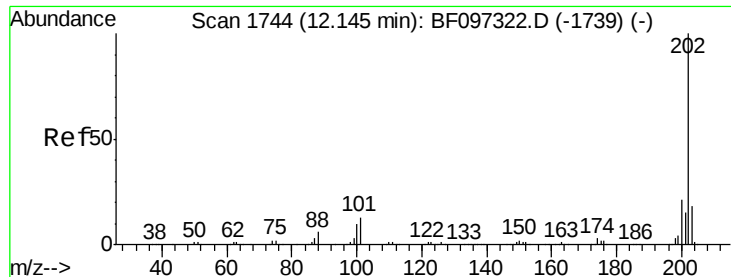
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->

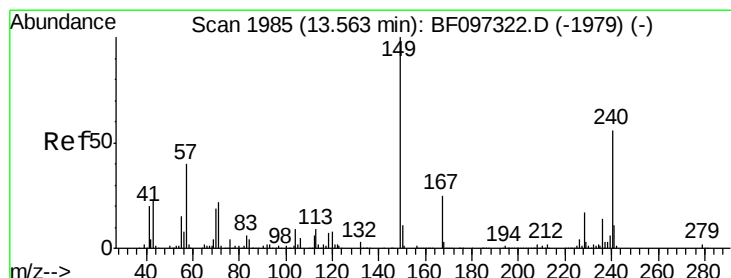
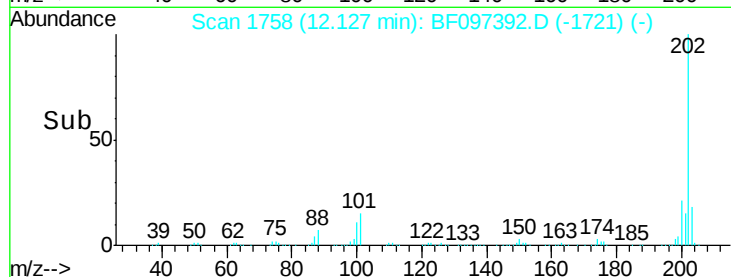
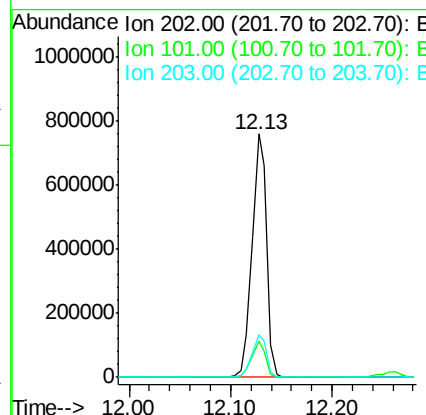
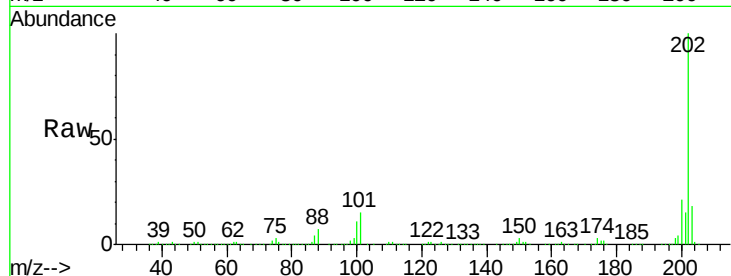




#74
 Fluoranthene
 Concen: 41.77 ng
 RT: 12.13 min Scan# 1758
 Delta R.T. -0.08 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

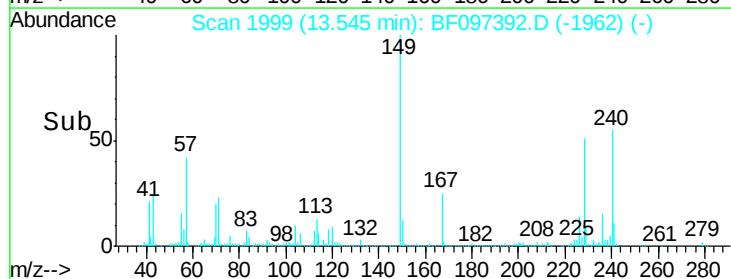
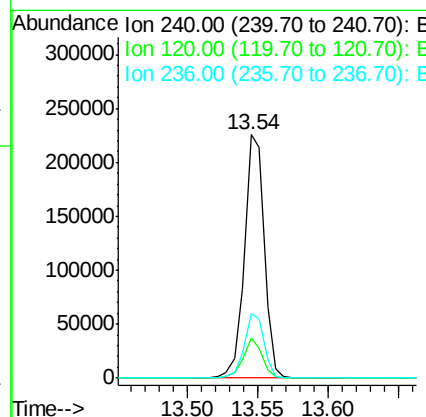
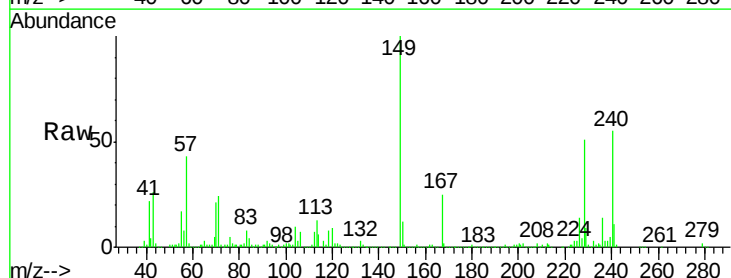
Instrument :
 BNA_F
 ClientSampled :

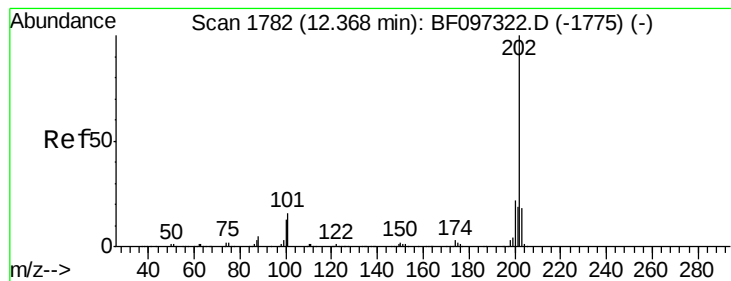
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	33.2
203	17.7	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.54 min Scan# 1999
 Delta R.T. -0.08 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.4	5.8	8.8#
236	26.3	20.5	30.7





#77

Pvrene

Concen: 43.20 ng

RT: 12.35 min Scan# 1796

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

ClientSampled :

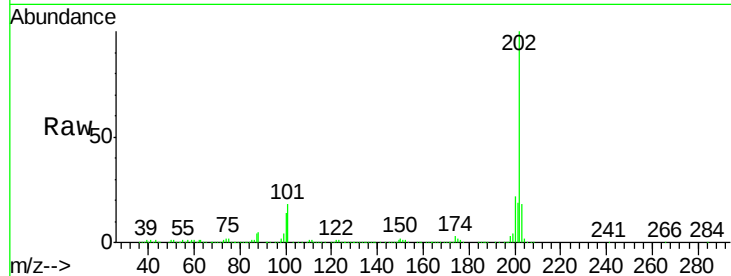
Tot Ion:202 Resp: 782334

Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

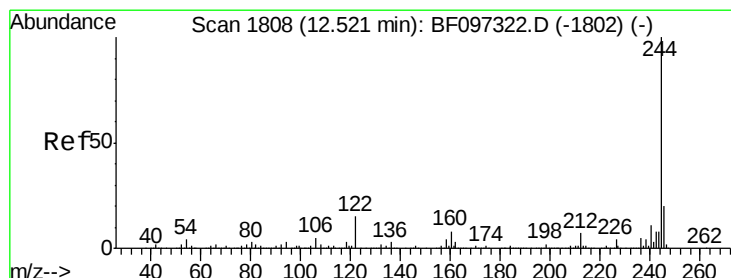
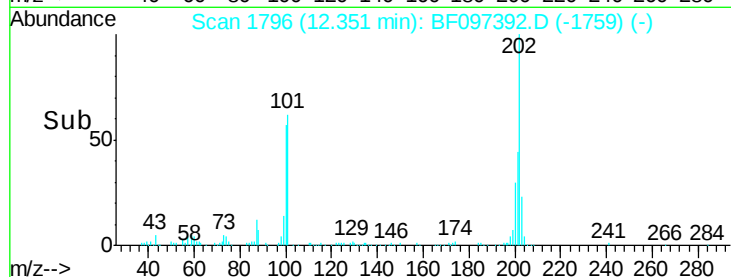
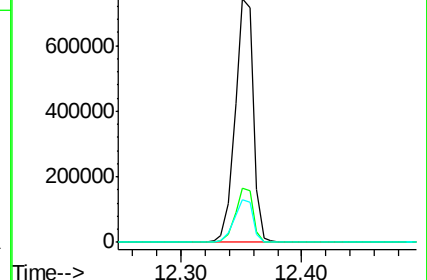
203 17.8 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.58 ng

RT: 12.51 min Scan# 1823

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

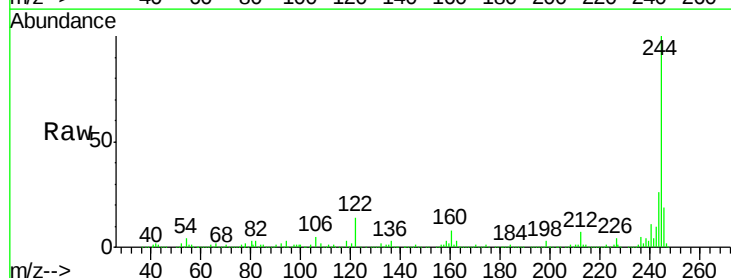
Tgt Ion:244 Resp: 809071

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

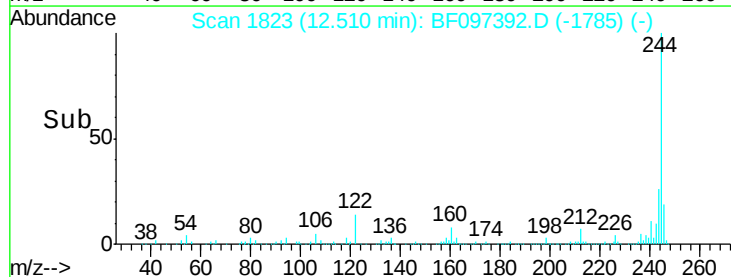
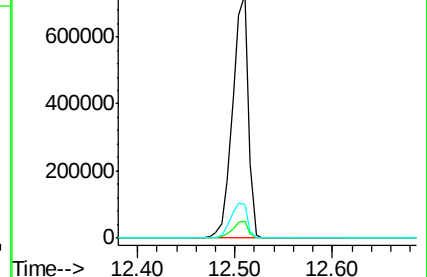
122 13.9 10.3 15.5

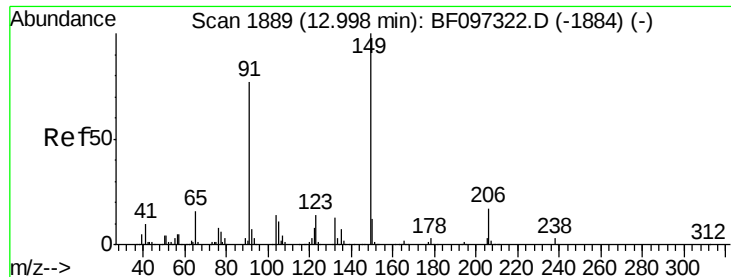


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

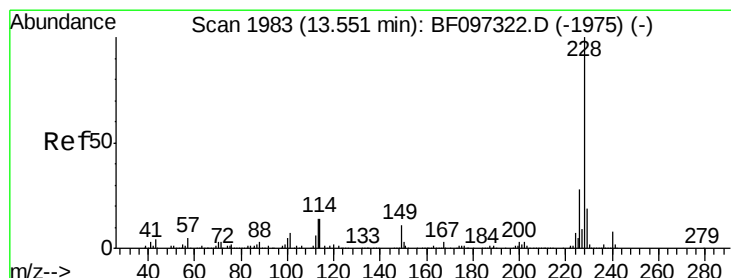
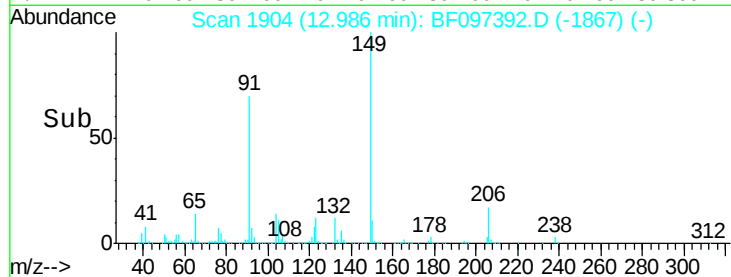
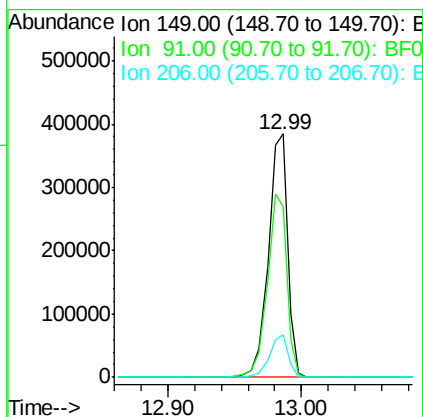
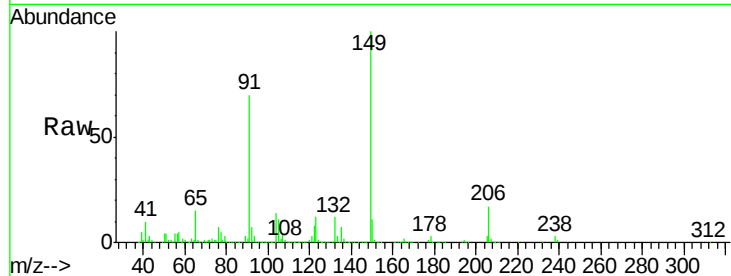




#79
Butylbenzylphthalate
Concen: 41.98 ng
RT: 12.99 min Scan# 1904
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

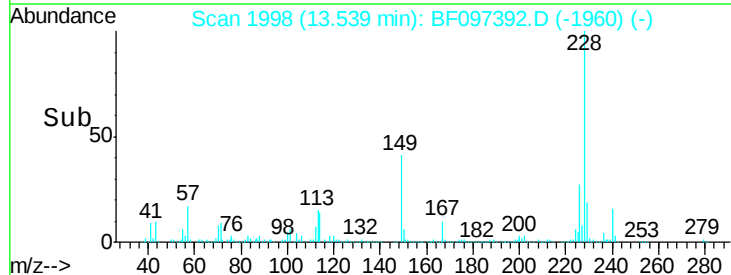
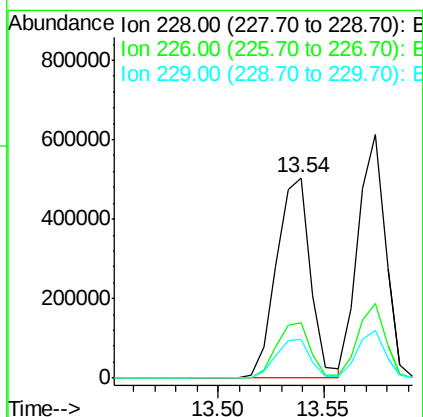
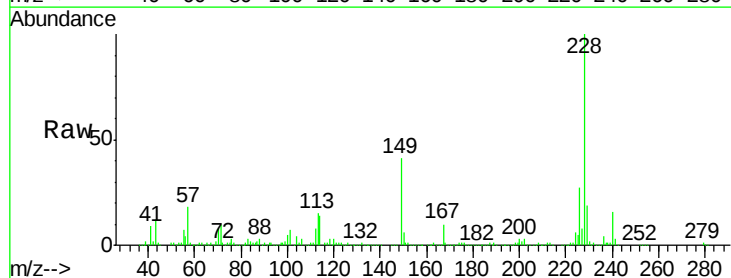
Instrument :
BNA_F
ClientSampled :

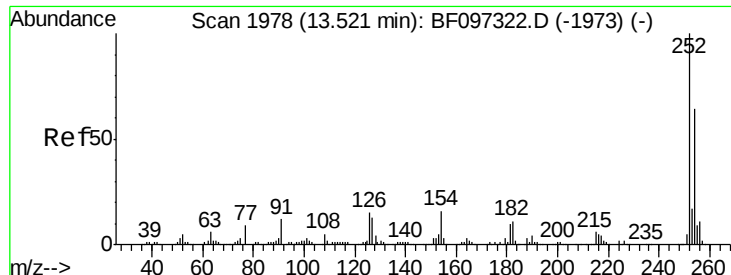
Tot Ion:149 Resp: 386708
Ion Ratio Lower Upper
149 100
91 69.8 45.0 67.4#
206 17.5 17.0 25.6



#80
Benzo(a)anthracene
Concen: 39.70 ng
RT: 13.54 min Scan# 1998
Delta R.T. -0.08 min
Lab File: BF097392.D
Acq: 5 Aug 2017 12:53

Tgt Ion:228 Resp: 568189
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.4 16.3 24.5

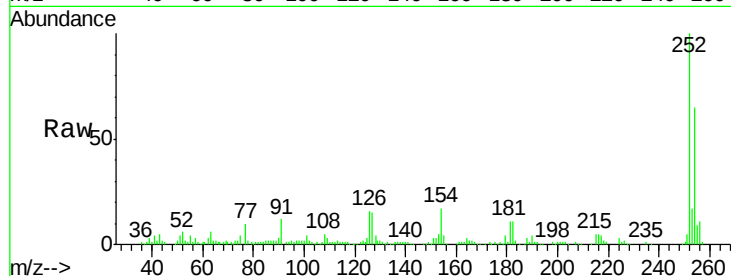




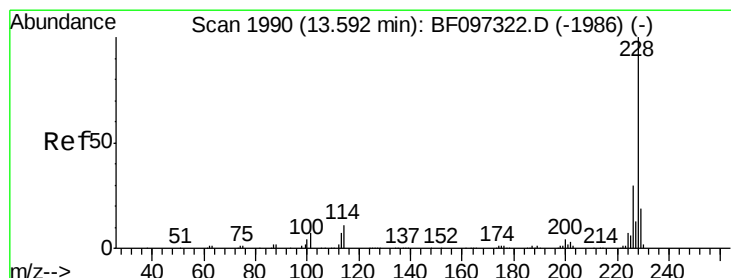
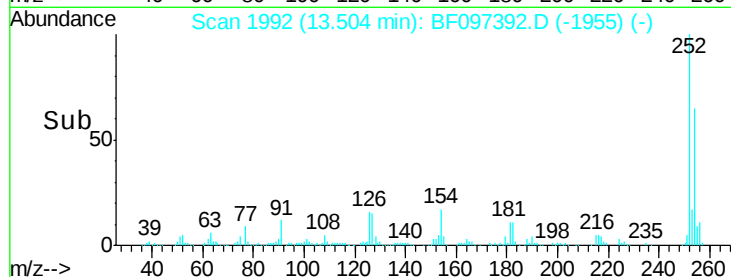
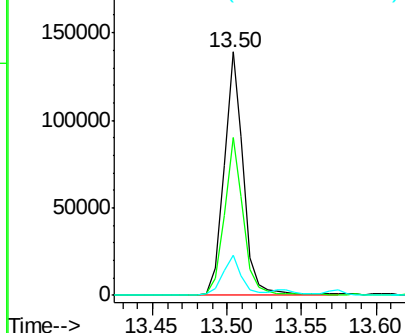
#81
 3,3'-Dichlorobenzidine
 Concen: 23.65 ng
 RT: 13.50 min Scan# 1992
 Delta R.T. -0.08 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.5	77.3
126	16.4	15.8	23.8

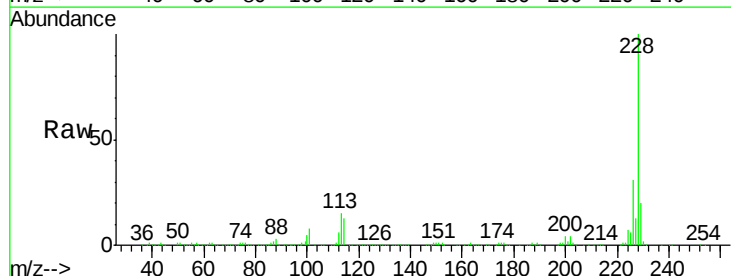


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

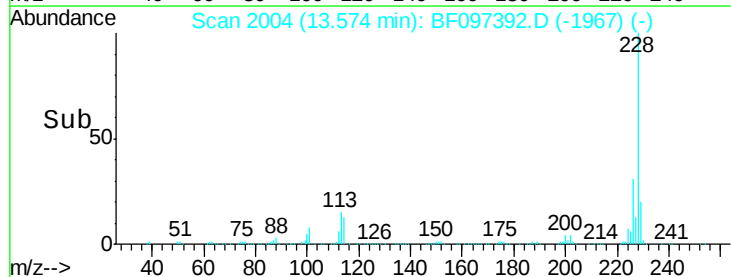
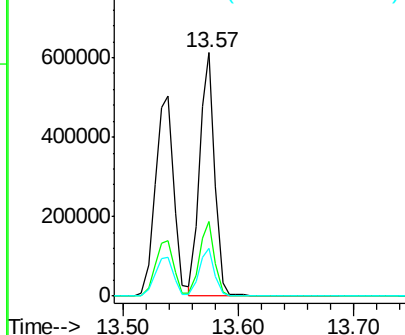


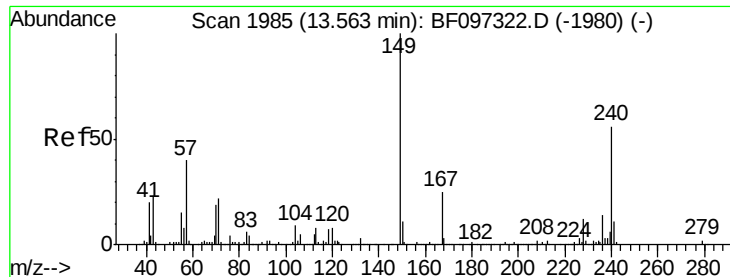
#82
 Chrysene
 Concen: 40.24 ng
 RT: 13.57 min Scan# 2004
 Delta R.T. -0.08 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	19.5	15.8	23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.45 ng

RT: 13.55 min Scan# 2000

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

ClientSampleId :

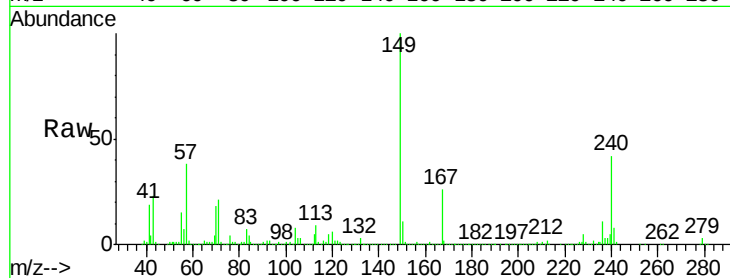
Tot Ion:149 Resp: 570622

Ion Ratio Lower Upper

149 100

167 25.6 21.0 31.4

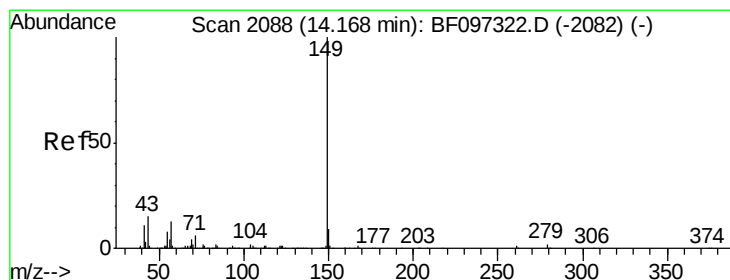
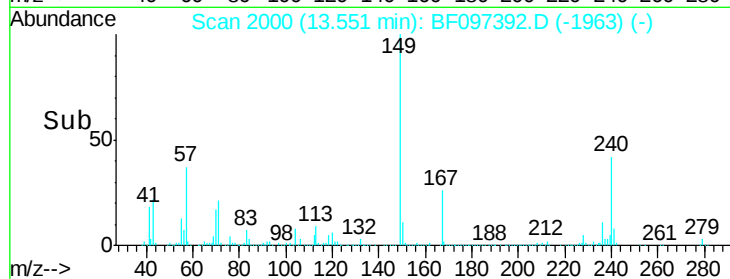
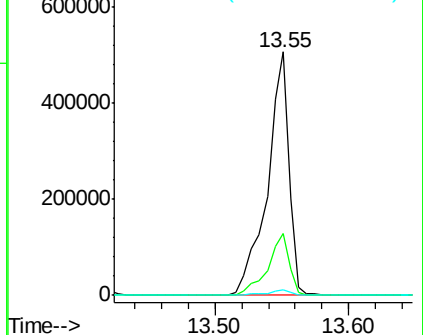
279 2.5 1.9 2.9



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: 36.64 ng

RT: 14.15 min Scan# 2102

Delta R.T. -0.09 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

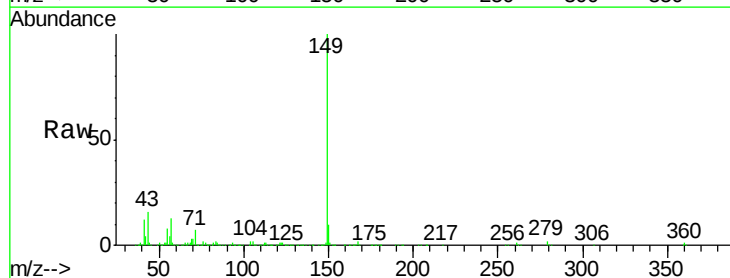
Tgt Ion:149 Resp: 808645

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

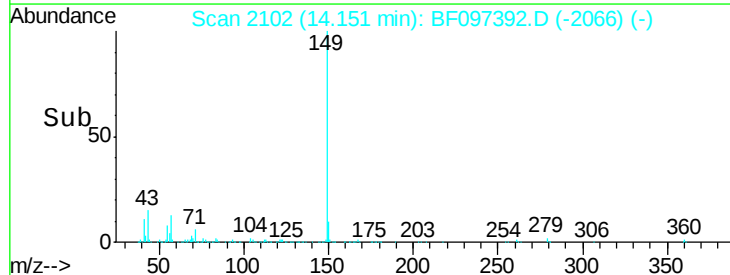
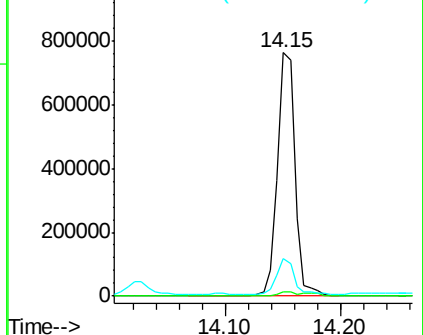
43 14.4 8.5 12.7#

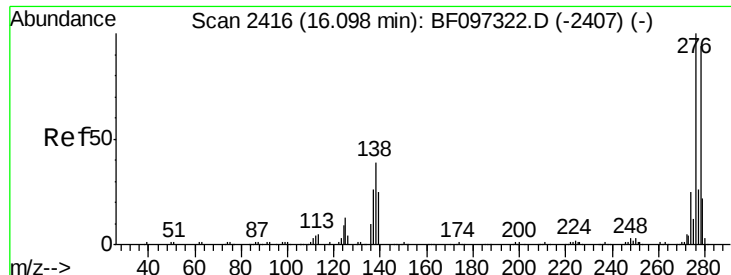


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

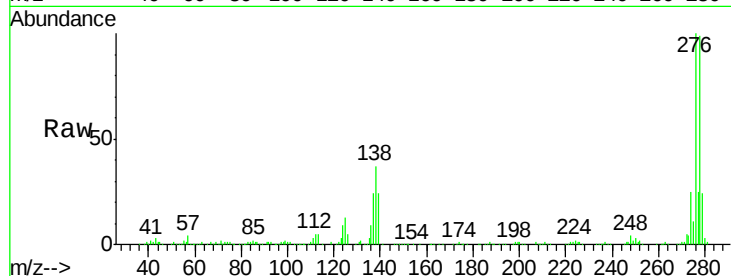




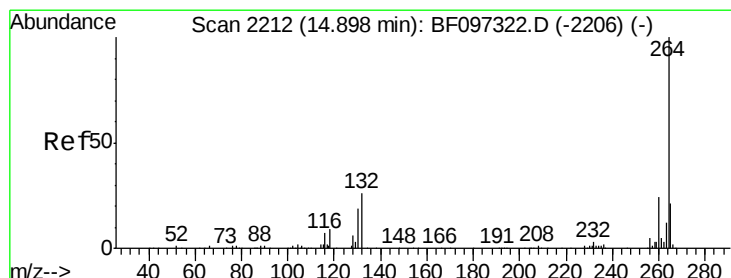
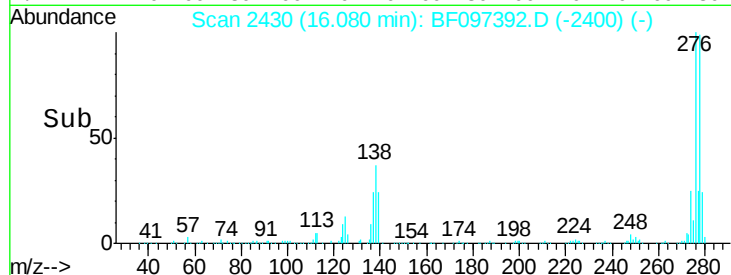
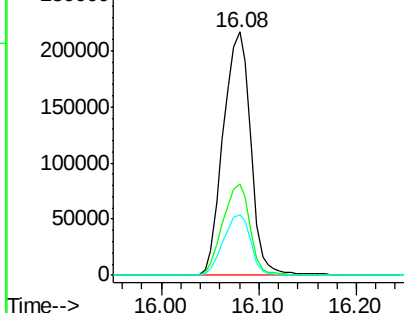
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.36 ng
 RT: 16.08 min Scan# 2430
 Delta R.T. -0.12 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	37.3	27.8	41.6
277	25.0	20.2	30.4

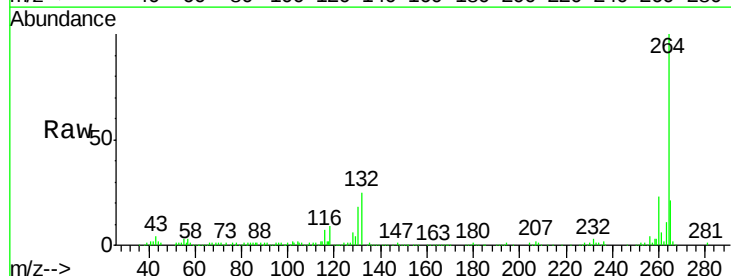


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

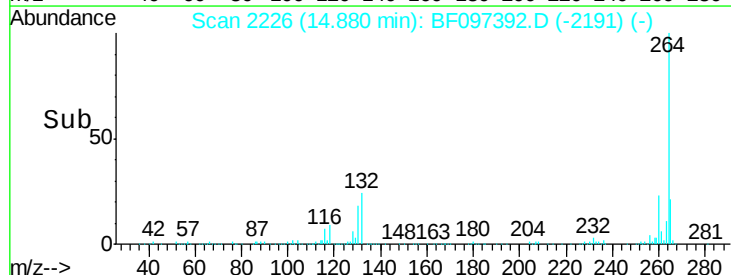
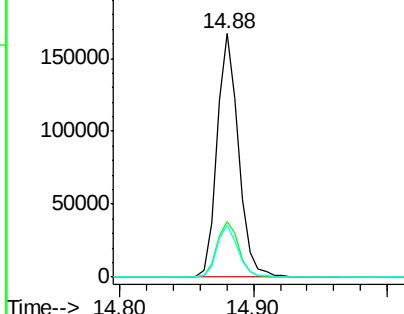


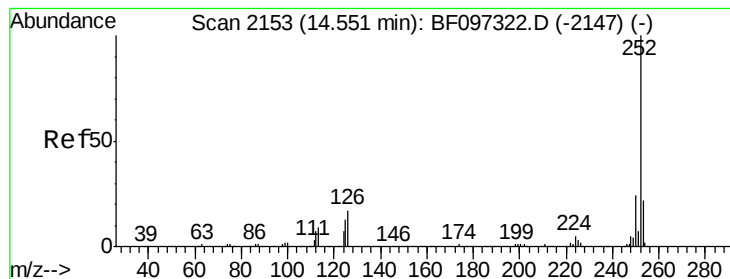
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2226
 Delta R.T. -0.09 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.3	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.19 ng

RT: 14.53 min Scan# 2167

Delta R.T. -0.08 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

ClientSampleId :

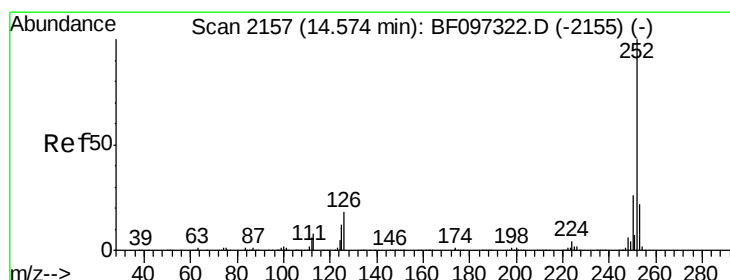
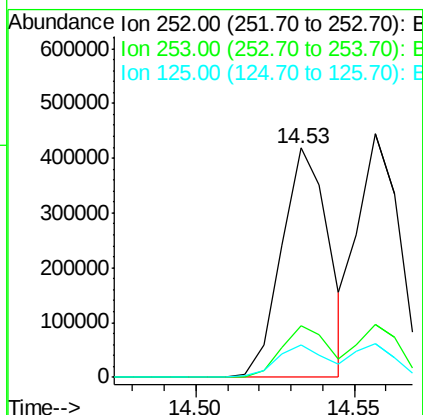
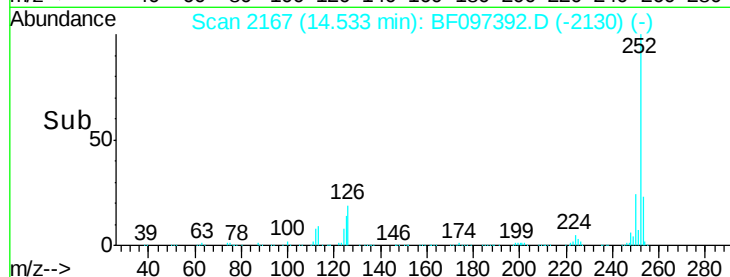
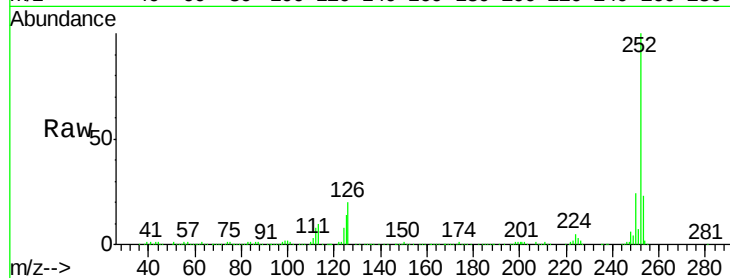
Tot Ion:252 Resp: 435032

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

125 14.4 9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 37.63 ng

RT: 14.56 min Scan# 2171

Delta R.T. -0.09 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

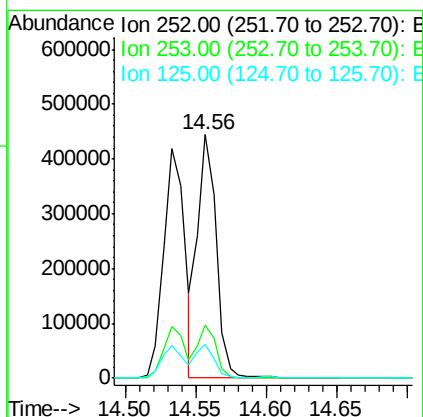
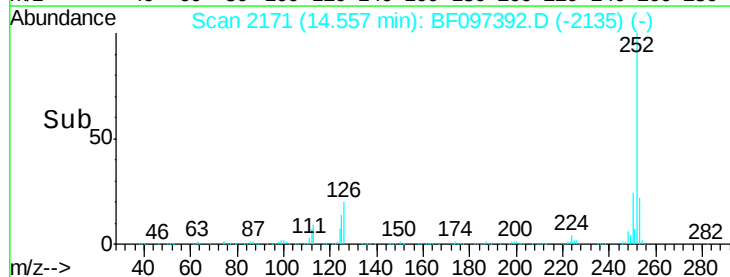
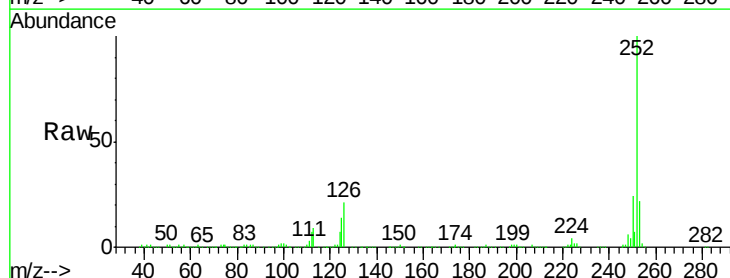
Tgt Ion:252 Resp: 408434

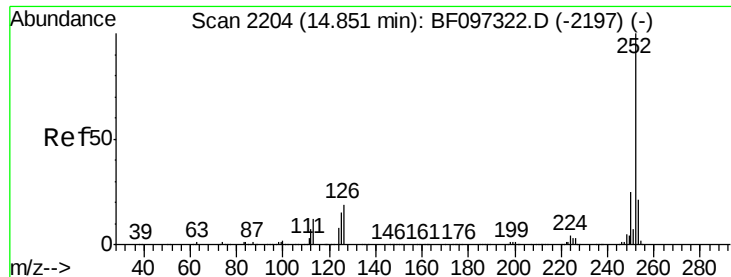
Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

125 14.0 13.1 19.7





#89

Benzo(a)pyrene

Concen: 39.95 ng

RT: 14.83 min Scan# 2218

Delta R.T. -0.09 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

Instrument :

BNA_F

ClientSampleId :

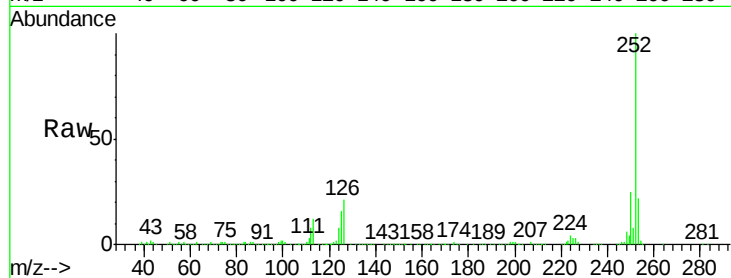
Tot Ion:252 Resp: 416541

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

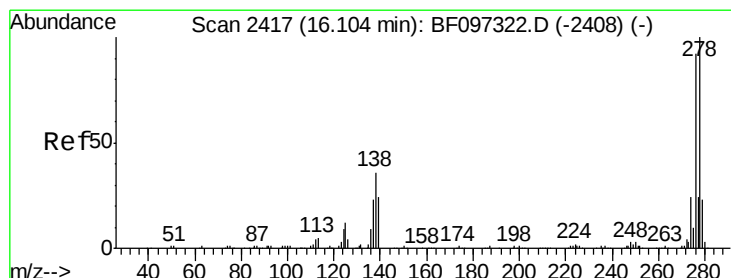
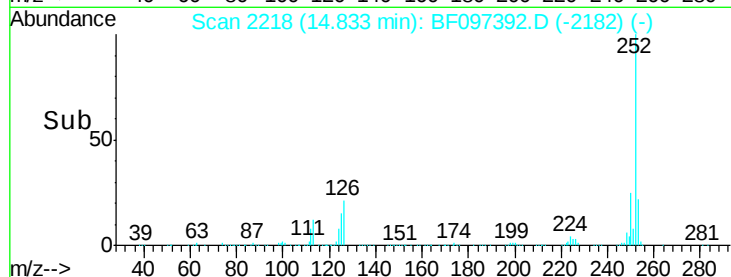
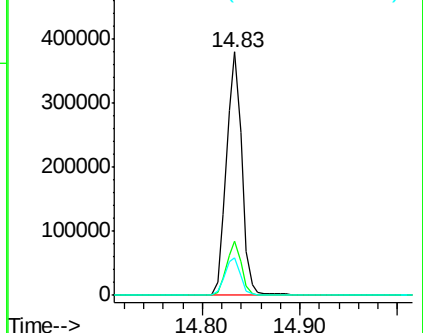
125 15.6 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.47 ng

RT: 16.08 min Scan# 2430

Delta R.T. -0.14 min

Lab File: BF097392.D

Acq: 5 Aug 2017 12:53

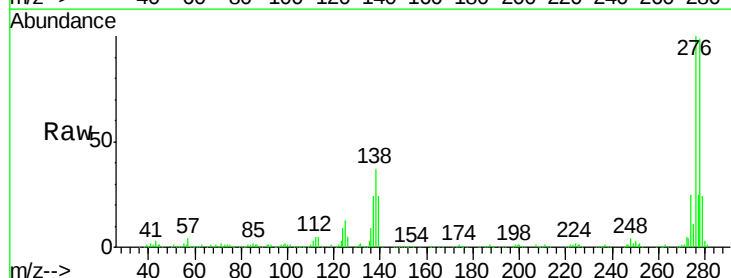
Tgt Ion:278 Resp: 354545

Ion Ratio Lower Upper

278 100

139 24.1 16.6 24.8

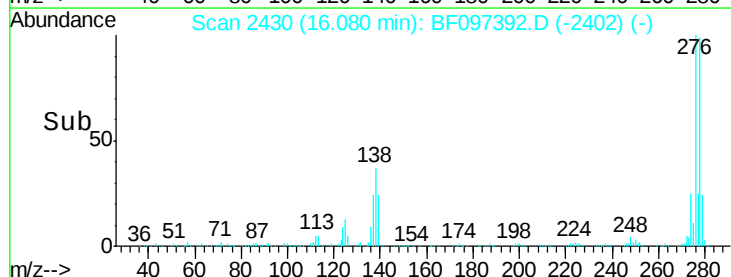
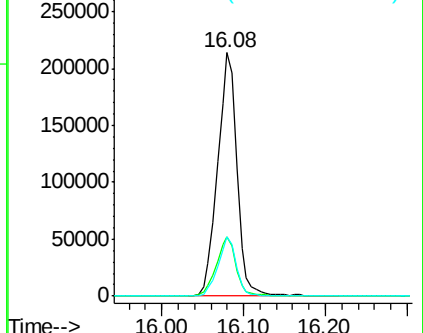
279 24.4 19.3 28.9

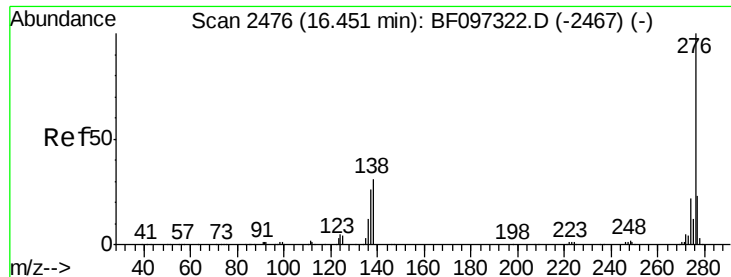


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

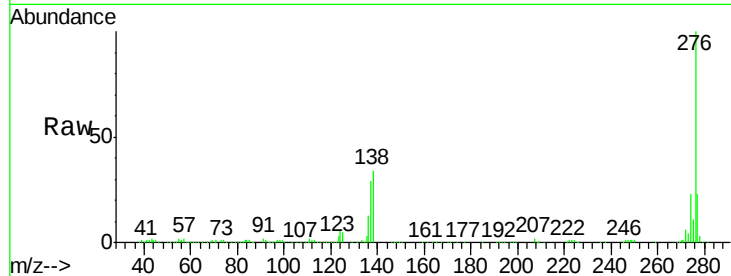




#91
 Benzo(a,h,i)perylene
 Concen: 43.58 ng
 RT: 16.43 min Scan# 2489
 Delta R.T. -0.14 min
 Lab File: BF097392.D
 Acq: 5 Aug 2017 12:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	34.1	25.4	38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

