

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097128.D
 Acq On : 27 Jul 2017 17:52
 Operator : SJ/JU
 Sample : PB101003BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

Quant Time: Jul 28 00:42:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	78923	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	328301	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	132666	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	180714	20.00	ng	-0.02
75) Chrysene-d12	13.62	240	136130	20.00	ng	-0.01
86) Perylene-d12	14.96	264	147297	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	696477	133.03	ng	0.00
7) Phenol-d6	6.16	99	706544	118.21	ng	-0.01
23) Nitrobenzene-d5	7.06	82	422631	75.52	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	108553	103.56	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	745613	95.38	ng	-0.02
78) Terphenyl-d14	12.57	244	451621	67.64	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	72482	33.176	ng	# 66
3) Pyridine	2.70	79	221729	33.143	ng	# 60
4) n-Nitrosodimethylamine	2.65	42	138371	37.334	ng	# 80
6) Aniline	6.15	93	96373	12.814	ng	# 47
8) 2-Chlorophenol	6.27	128	228106	40.747	ng	# 90
9) Benzaldehyde	6.03	77	64975	18.366	ng	# 97
10) Phenol	6.17	94	258650	36.484	ng	# 95
11) bis(2-Chloroethyl)ether	6.23	93	198729	35.442	ng	# 94
12) 1,3-Dichlorobenzene	6.43	146	218982	36.298	ng	# 100
13) 1,4-Dichlorobenzene	6.50	146	241603	40.410	ng	# 95
14) 1,2-Dichlorobenzene	6.66	146	213518	40.902	ng	# 99
15) Benzyl Alcohol	6.65	79	156851	41.450	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	6.78	45	496858	44.180	ng	# 86
17) 2-Methylphenol	6.77	107	185844	43.014	ng	# 90
18) Hexachloroethane	7.00	117	74804	34.200	ng	# 85
19) n-Nitroso-di-n-propylamine	6.92	70	163180	41.478	ng	# 83
20) 3+4-Methylphenols	6.93	107	245373	43.483	ng	# 61
22) Acetophenone	6.90	105	317668	40.293	ng	# 98
24) Nitrobenzene	7.07	77	211717	36.325	ng	# 94
25) Isophorone	7.32	82	369244	33.691	ng	# 94
26) 2-Nitrophenol	7.39	139	103965	32.970	ng	# 87
27) 2,4-Dimethylphenol	7.45	122	181344	34.863	ng	# 97
28) bis(2-Chloroethoxy)methane	7.53	93	284980	39.846	ng	# 98
29) 2,4-Dichlorophenol	7.65	162	165092	36.842	ng	# 98
30) 1,2,4-Trichlorobenzene	7.72	180	159026	37.232	ng	# 95
31) Naphthalene	7.79	128	596487	38.543	ng	# 99
32) Benzoic acid	7.58	122	88864	22.879	ng	# 90
33) 4-Chloroaniline	7.85	127	70032	11.121	ng	# 99
34) Hexachlorobutadiene	7.92	225	91263	40.304	ng	# 95
35) Caprolactam	8.22	113	58147	40.467	ng	# 62
36) 4-Chloro-3-methylphenol	8.35	107	188969	38.654	ng	# 85
37) 2-Methylnaphthalene	8.49	142	438026	44.703	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	152802	43.166	ng	# 99
40) Hexachlorocyclopentadiene	8.64	237	20347	21.675	ng	# 98

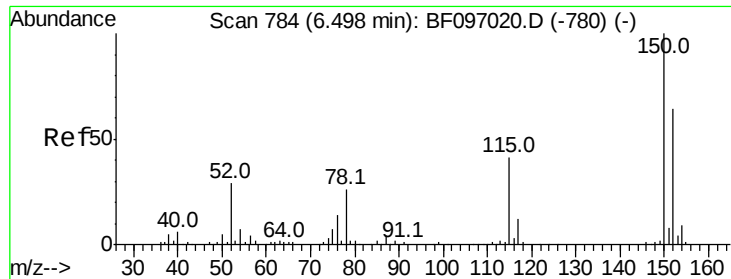
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	97033	37.826	nq	99
43) 2,4,5-Trichlorophenol	8.82	196	97108	37.821	nq	94
45) 1,1'-Biphenyl	8.95	154	424650	37.475	nq	97
46) 2-Chloronaphthalene	8.97	162	321715	38.581	nq	93
47) 2-Nitroaniline	9.07	65	118842	39.271	nq	90
48) Acenaphthylene	9.38	152	484988	37.892	nq	99
49) Dimethylphthalate	9.26	163	391045	38.816	nq	99
50) 2,6-Dinitrotoluene	9.32	165	79691	37.296	nq	# 86
51) Acenaphthene	9.55	154	279860	37.121	nq	97
52) 3-Nitroaniline	9.48	138	71961	27.133	nq	90
53) 2,4-Dinitrophenol	9.60	184	9759	10.045	nq	# 75
54) Dibenzofuran	9.72	168	424194	42.242	nq	99
55) 4-Nitrophenol	9.67	139	85615	54.282	nq	# 59
56) 2,4-Dinitrotoluene	9.72	165	91259	37.152	nq	# 61
57) Fluorene	10.06	166	311618	41.287	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.85	232	63287	35.698	nq	# 97
59) Diethylphthalate	9.95	149	363777	39.359	nq	99
60) 4-Chlorophenyl-phenylether	10.06	204	136959	43.943	nq	96
61) 4-Nitroaniline	10.09	138	92979	36.895	nq	91
62) Azobenzene	10.22	77	329685	38.450	nq	93
64) 4,6-Dinitro-2-methylphenol	10.13	198	11271	10.037	nq	90
65) n-Nitrosodiphenylamine	10.18	169	275185	43.765	nq	99
66) 4-Bromophenyl-phenylether	10.55	248	75928	42.101	nq	96
67) Hexachlorobenzene	10.61	284	75305	37.235	nq	# 90
68) Atrazine	10.71	200	75915	42.104	nq	93
69) Pentachlorophenol	10.81	266	57838	69.119	nq	98
70) Phenanthrene	11.02	178	404083	41.732	nq	98
71) Anthracene	11.06	178	406644	41.004	nq	98
72) Carbazole	11.23	167	391550	40.145	nq	97
73) Di-n-butylphthalate	11.57	149	555419	46.069	nq	99
74) Fluoranthene	12.19	202	401651	42.343	nq	99
76) Benzidine	12.32	184	175411	34.727	nq	# 92
77) Pyrene	12.42	202	407095	36.529	nq	99
79) Butylbenzylphthalate	13.05	149	201680	35.576	nq	# 79
80) Benzo(a)anthracene	13.60	228	338871	38.472	nq	98
81) 3,3'-Dichlorobenzidine	13.57	252	115406	34.744	nq	# 96
82) Chrysene	13.64	228	331627	38.557	nq	99
83) Bis(2-ethylhexyl)phthalate	13.62	149	256715	34.683	nq	# 98
84) Di-n-octyl phthalate	14.23	149	502304	36.980	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.19	276	267452	36.264	nq	98
87) Benzo(b)fluoranthene	14.60	252	333433	37.658	nq	97
88) Benzo(k)fluoranthene	14.63	252	304478	36.087	nq	# 94
89) Benzo(a)pyrene	14.91	252	304417	37.565	nq	98
90) Dibenzo(a,h)anthracene	16.19	278	232459	34.980	nq	96
91) Benzo(g,h,i)perylene	16.54	276	216099	31.009	nq	98

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

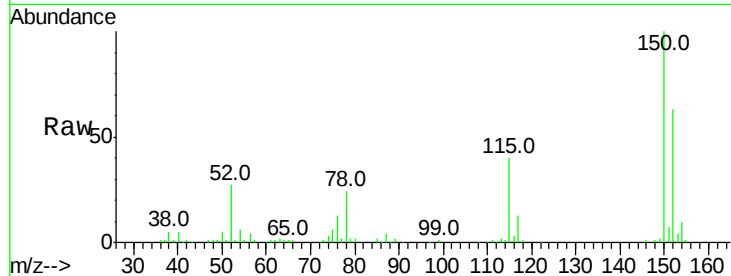


#1

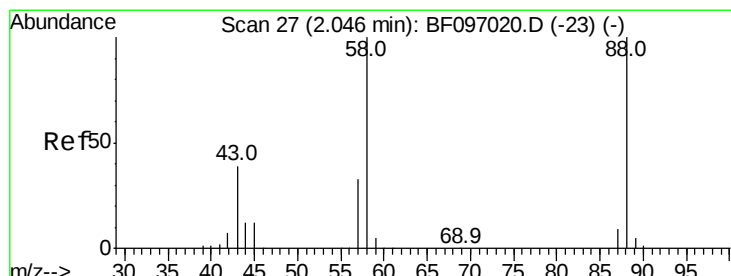
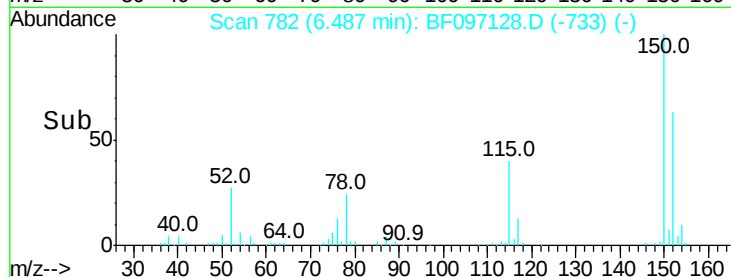
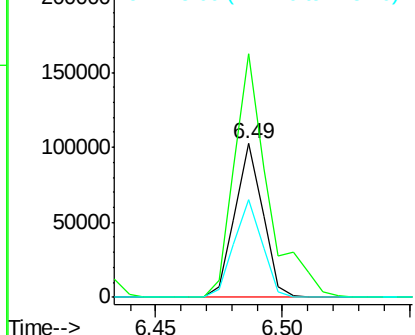
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Tot Ion:152 Resp: 78923
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.2
115 63.4 52.2 78.2



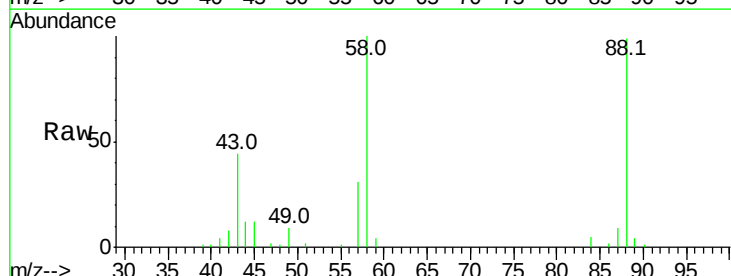
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



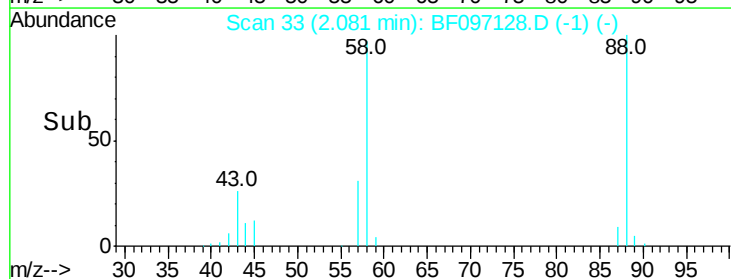
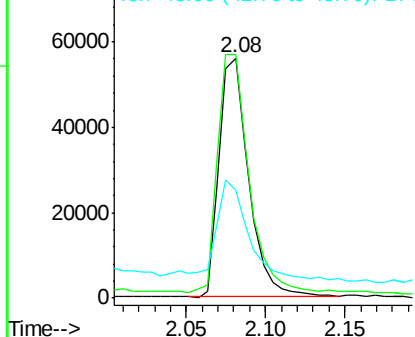
#2

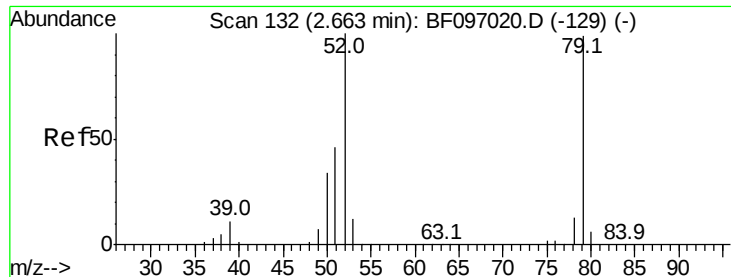
1,4-Dioxane
Concen: 33.176 ng
RT: 2.08 min Scan# 33
Delta R.T. 0.04 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Tgt Ion: 88 Resp: 72482
Ion Ratio Lower Upper
88 100
58 105.0 61.4 92.0#
43 49.1 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: 33.143 ng

RT: 2.70 min Scan# 139

Delta R.T. 0.04 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB101003BS

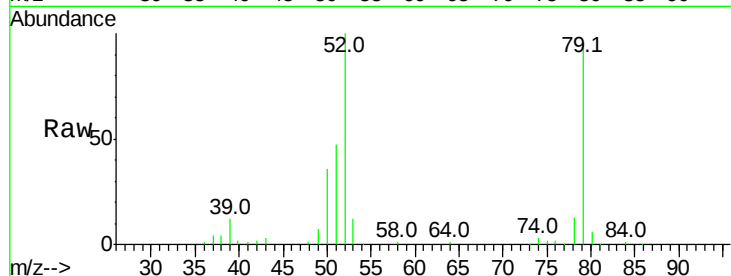
Tot Ion: 79 Resp: 221729

Ion Ratio Lower Upper

79 100

52 105.7 54.8 82.2#

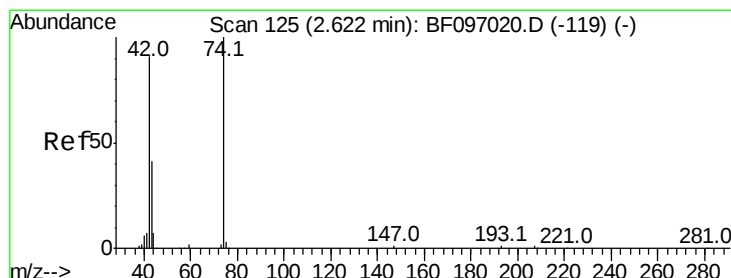
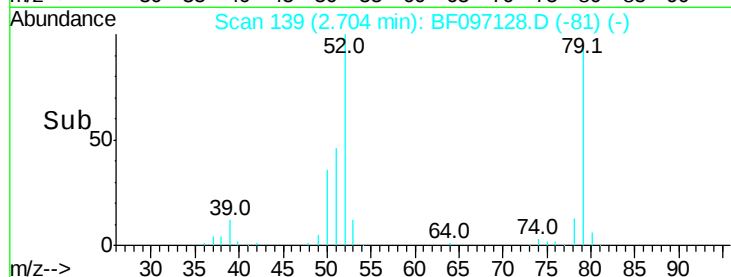
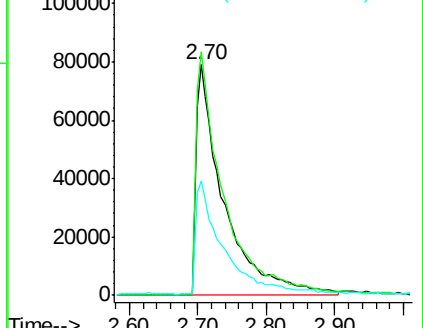
51 49.5 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.334 ng

RT: 2.65 min Scan# 129

Delta R.T. 0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

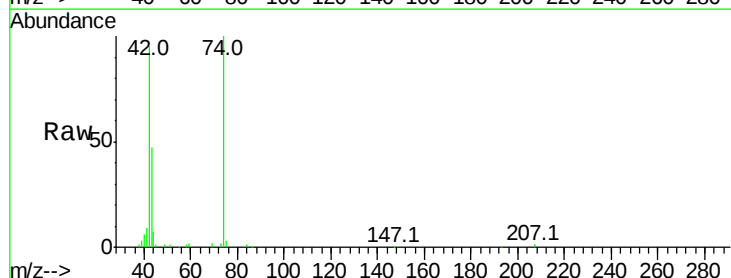
Tgt Ion: 42 Resp: 138371

Ion Ratio Lower Upper

42 100

74 104.9 103.9 155.9

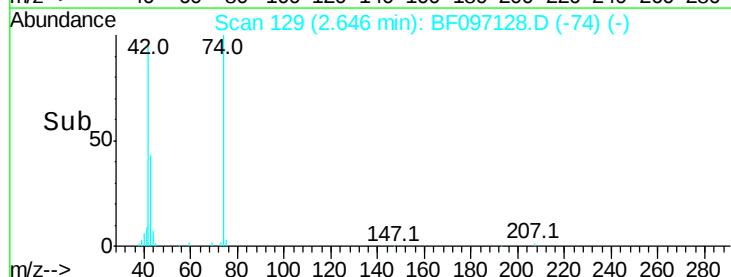
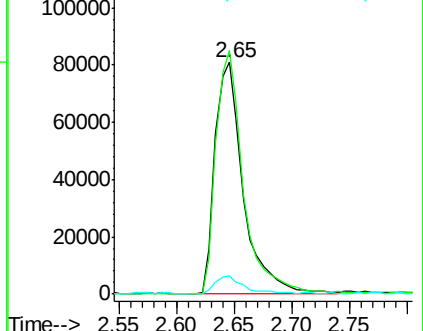
44 7.7 5.7 8.5

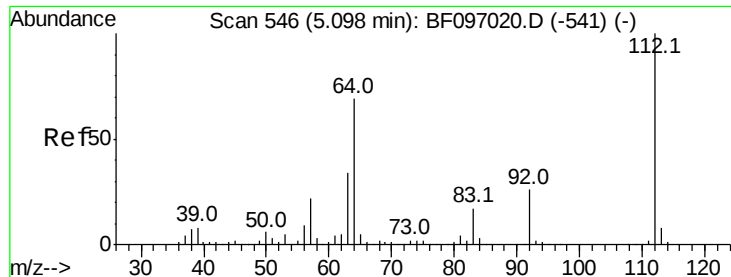


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 133.032 ng

RT: 5.10 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB101003BS

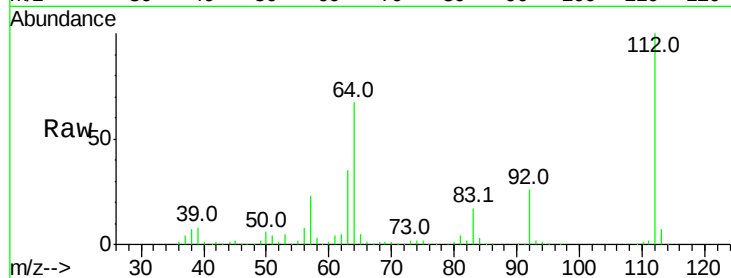
Tot Ion:112 Resp: 696477

Ion Ratio Lower Upper

112 100

64 67.3 46.0 69.0

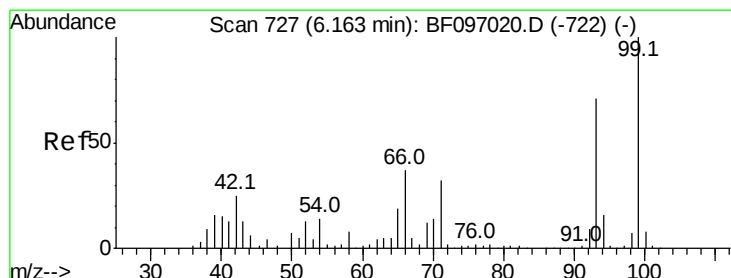
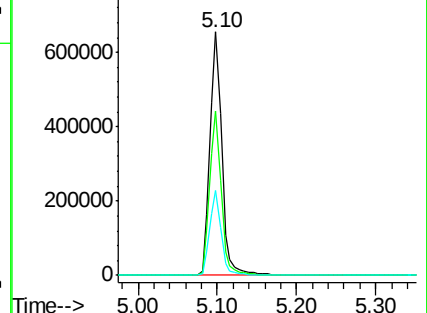
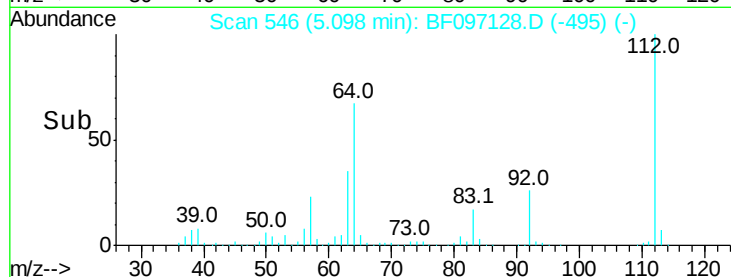
63 34.9 23.4 35.0



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: 12.814 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

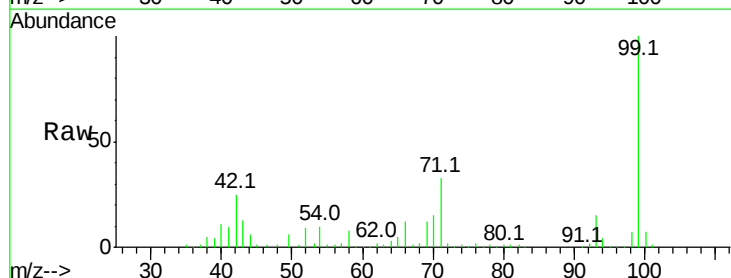
Tgt Ion: 93 Resp: 96373

Ion Ratio Lower Upper

93 100

66 82.1 32.9 49.3#

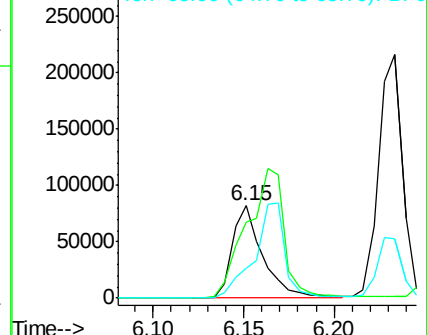
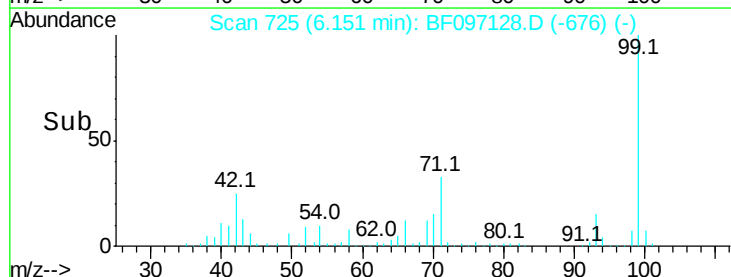
65 33.1 16.0 24.0#

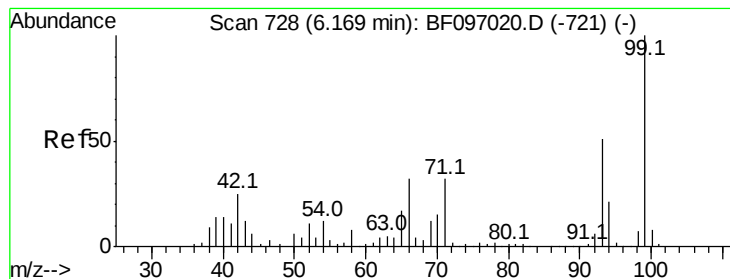


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.214 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

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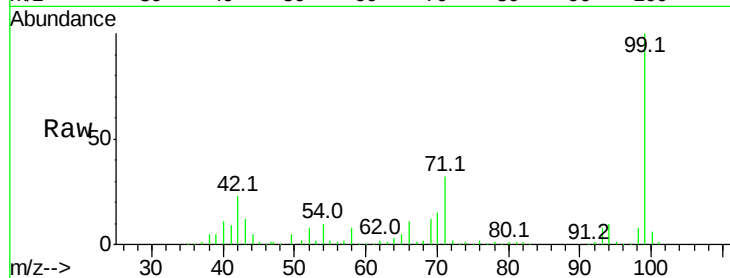
Tot Ion: 99 Resp: 706544

Ion Ratio Lower Upper

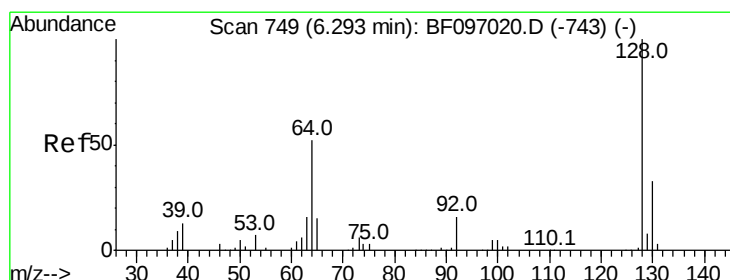
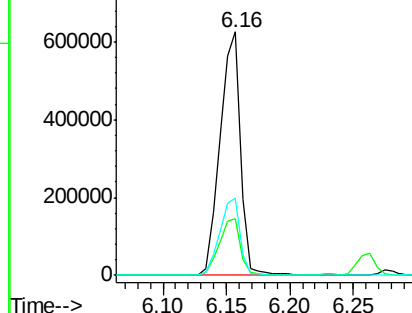
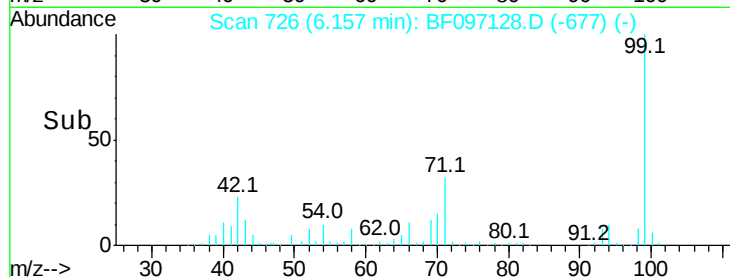
99 100

42 23.4 13.5 20.3#

71 31.7 24.5 36.7



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



#8

2-Chlorophenol

Concen: 40.747 ng

RT: 6.27 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

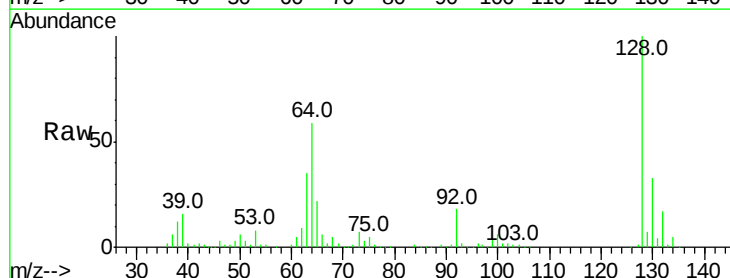
Tgt Ion:128 Resp: 228106

Ion Ratio Lower Upper

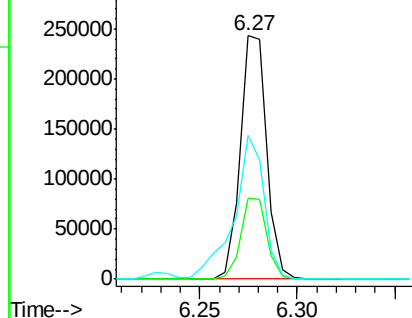
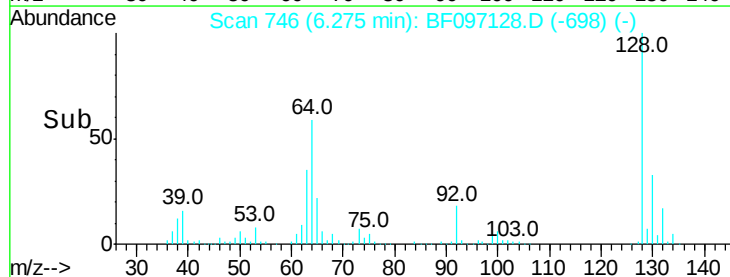
128 100

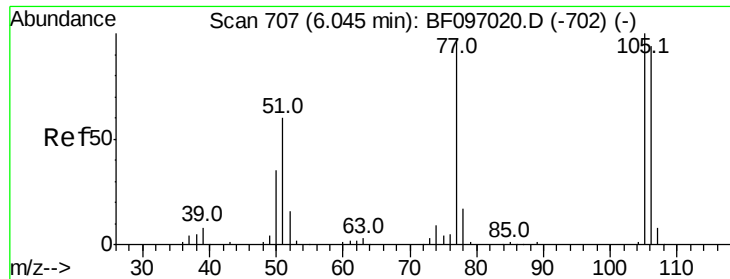
130 33.3 12.9 52.9

64 59.3 28.4 68.4



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





#9

Benzaldehyde

Concen: 18.366 ng

RT: 6.03 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB101003BS

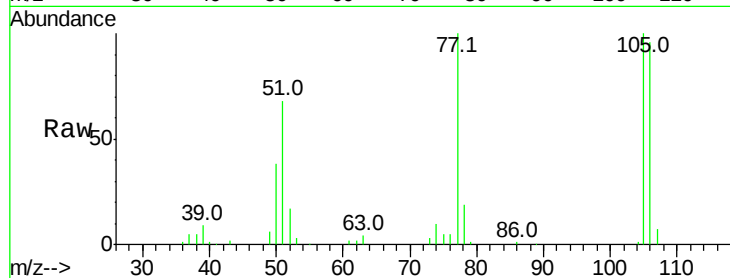
Tot Ion: 77 Resp: 64975

Ion Ratio Lower Upper

77 100

105 100.5 83.8 123.8

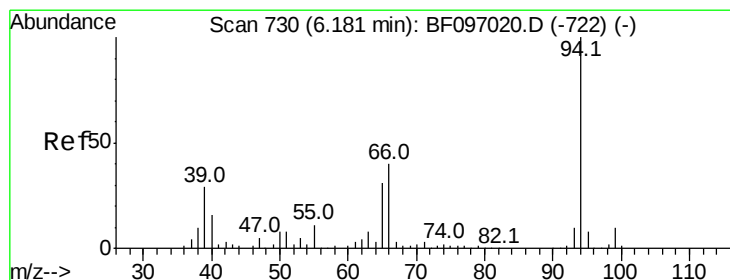
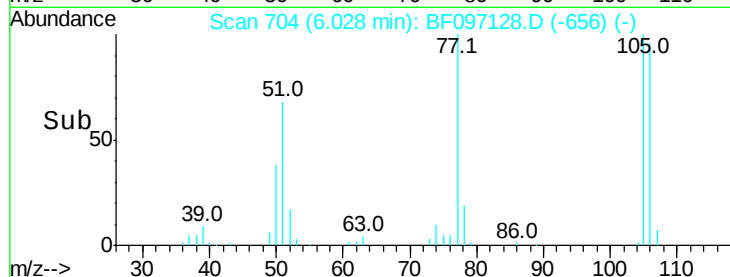
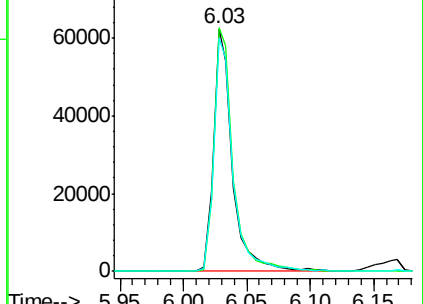
106 96.4 79.1 119.1



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: 36.484 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

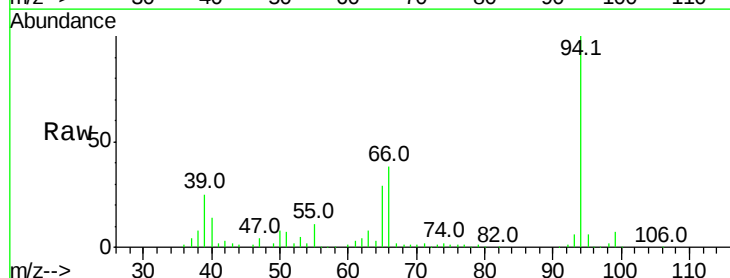
Tgt Ion: 94 Resp: 258650

Ion Ratio Lower Upper

94 100

65 29.5 9.9 49.9

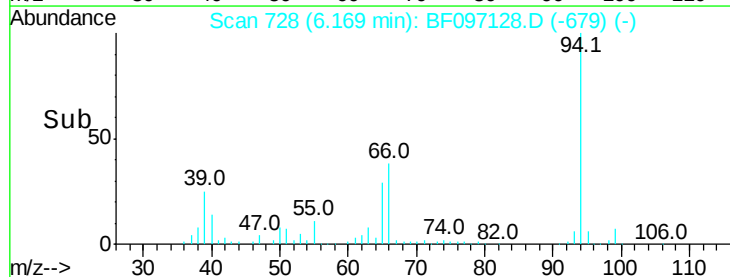
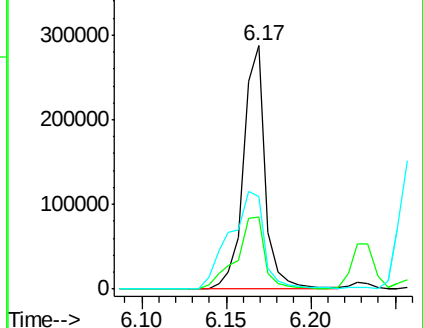
66 37.9 23.1 63.1

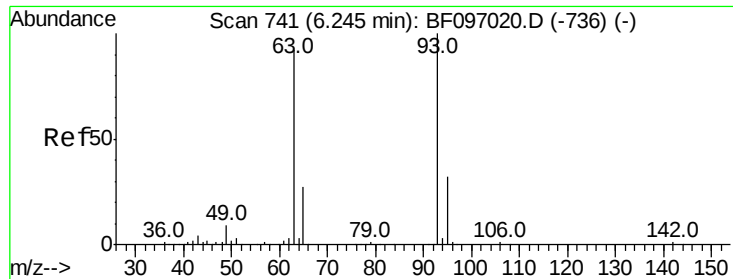


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.442 ng

RT: 6.23 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB101003BS

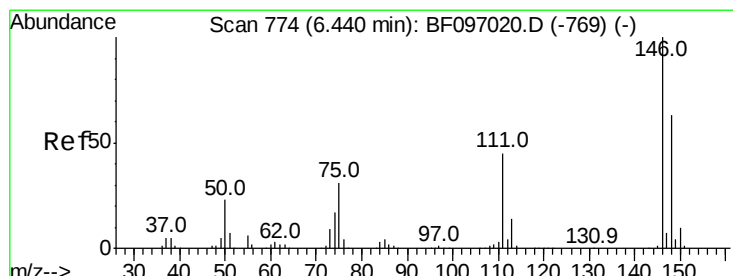
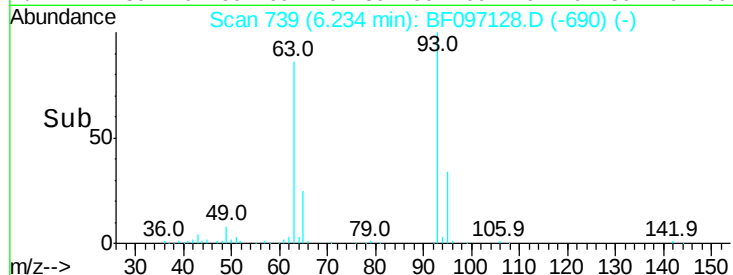
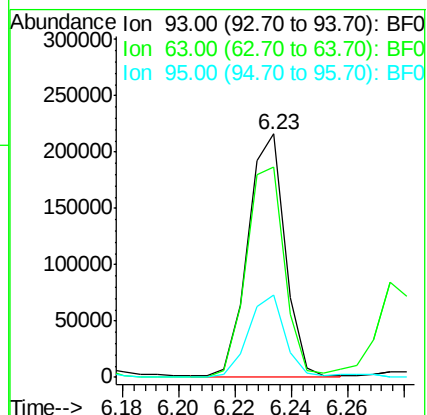
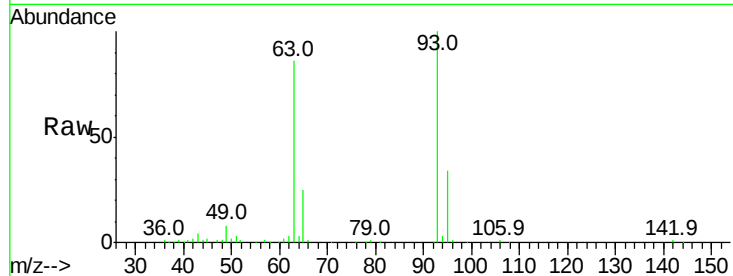
Tot Ion: 93 Resp: 198729

Ion Ratio Lower Upper

93 100

63 86.3 59.2 99.2

95 33.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 36.298 ng

RT: 6.43 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

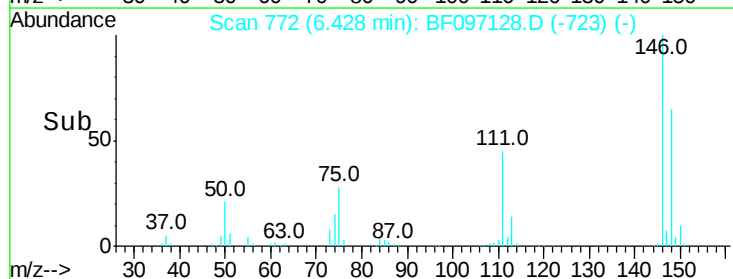
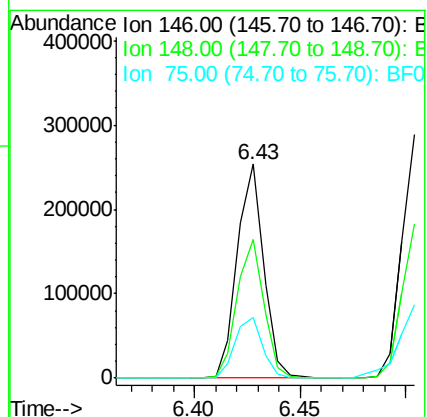
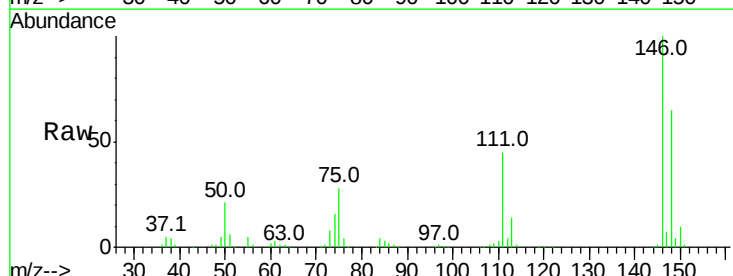
Tgt Ion: 146 Resp: 218982

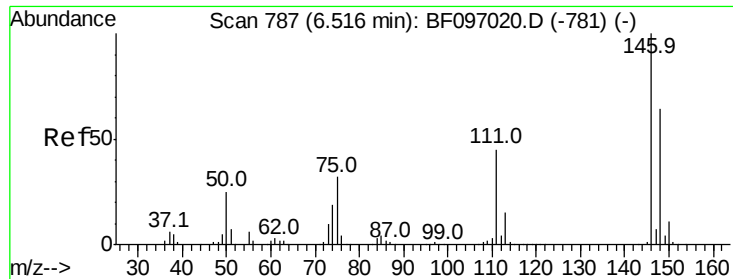
Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.6

75 28.5 23.1 34.7

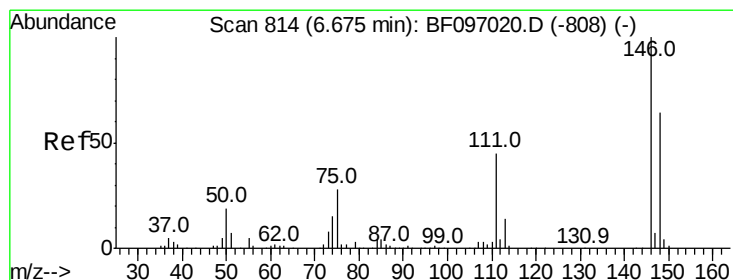
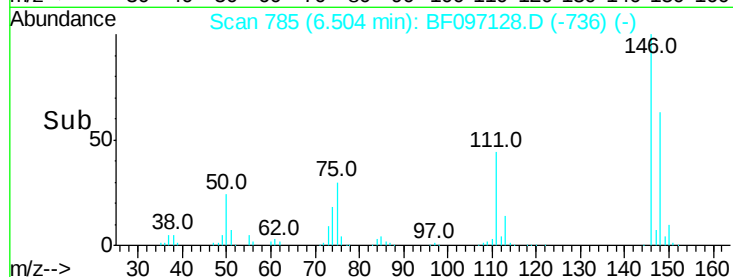
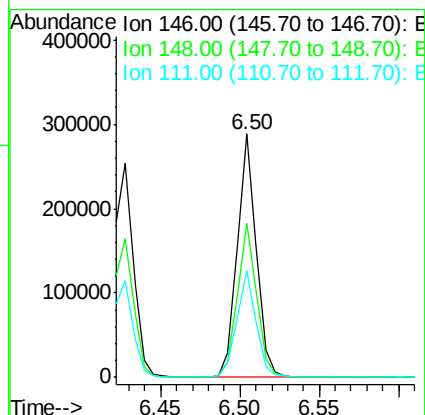
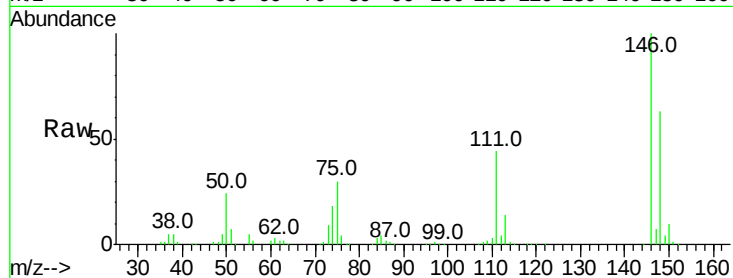




#13
 1,4-Dichlorobenzene
 Concen: 40.410 ng
 RT: 6.50 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

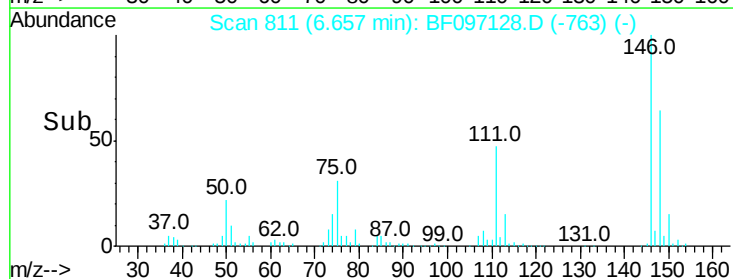
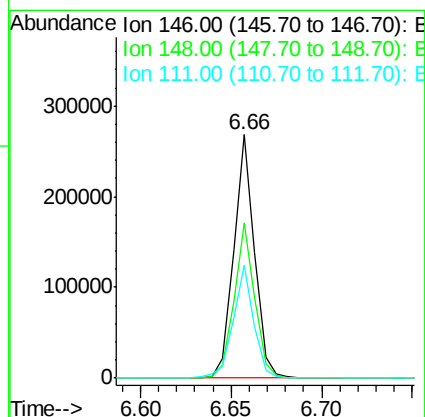
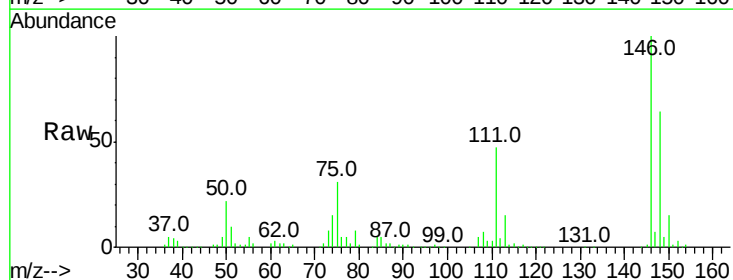
Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

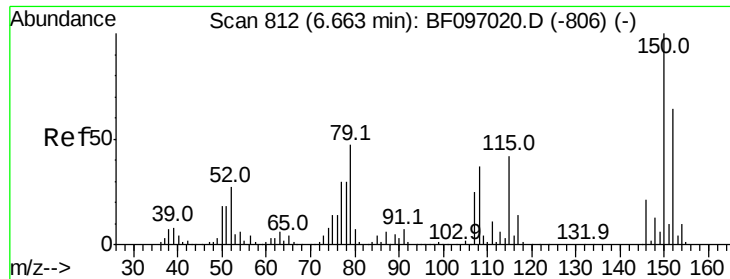
Tot Ion:146 Resp: 241603
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.2 78.2
 111 43.9 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 40.902 ng
 RT: 6.66 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

Tgt Ion:146 Resp: 213518
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.4 75.6
 111 46.7 38.2 57.4

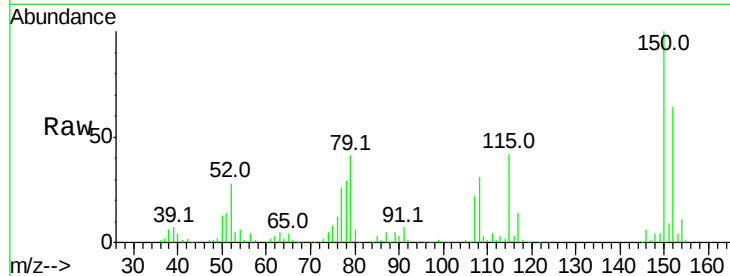




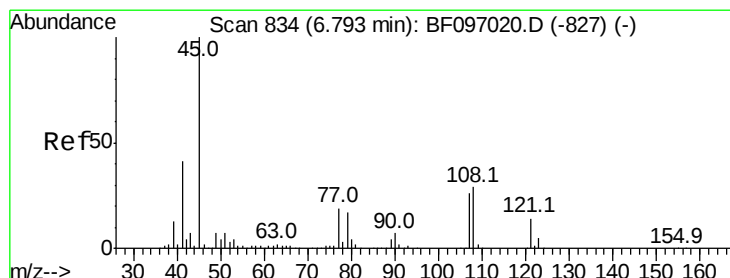
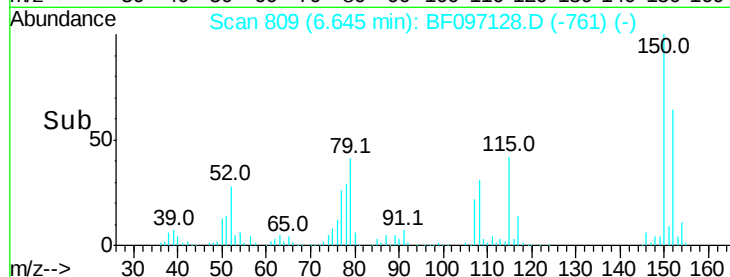
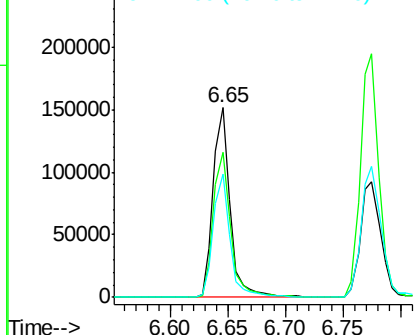
#15
Benzyl Alcohol
Concen: 41.450 ng
RT: 6.65 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Tot Ion: 79 Resp: 156851
Ion Ratio Lower Upper
79 100
108 76.6 63.4 95.0
77 65.0 49.2 73.8

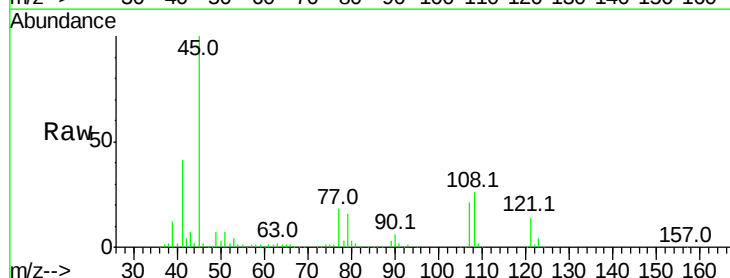


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

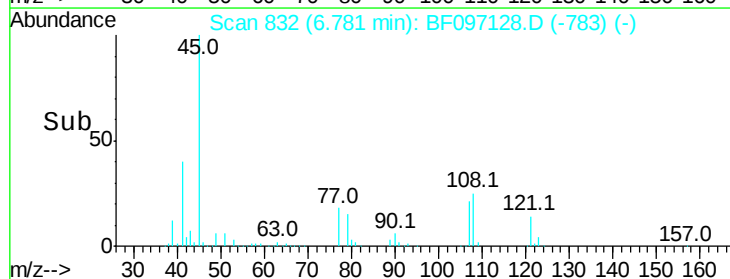
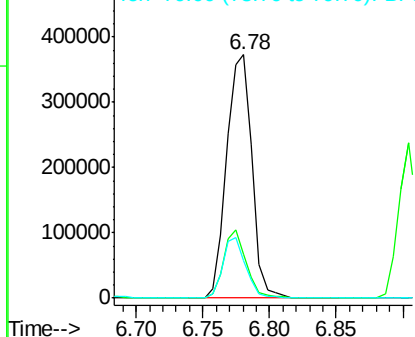


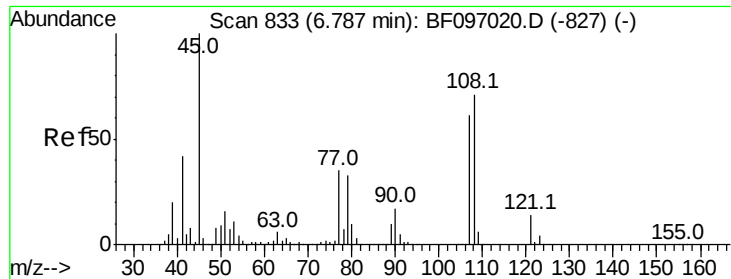
#16
2,2'-oxybis(1-chloropropane)
Concen: 44.180 ng
RT: 6.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Tgt Ion: 45 Resp: 496858
Ion Ratio Lower Upper
45 100
77 18.1 0.0 33.2
79 15.6 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: 43.014 ng

RT: 6.77 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB101003BS

Tot Ion:107 Resp: 185844

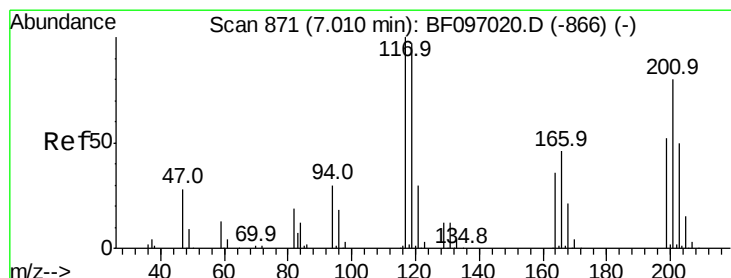
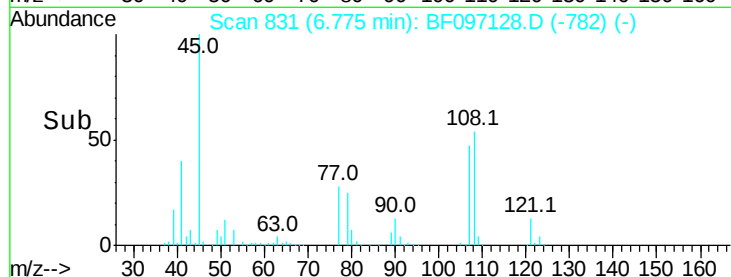
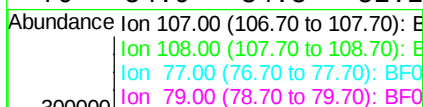
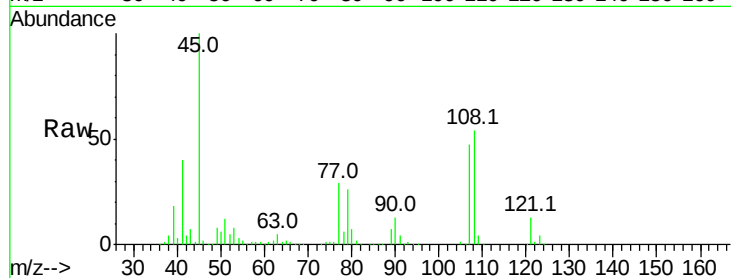
Ion Ratio Lower Upper

107 100

108 116.2 93.4 140.0

77 62.6 35.8 53.6#

79 54.9 34.8 52.2#



#18

Hexachloroethane

Concen: 34.200 ng

RT: 7.00 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

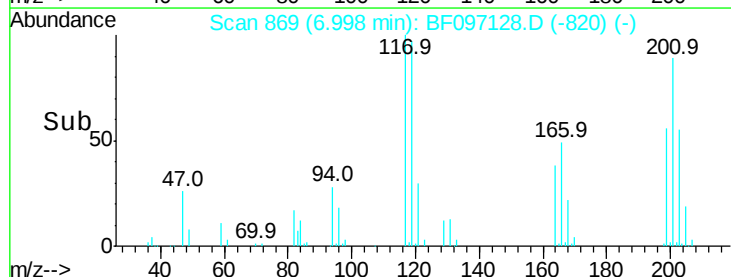
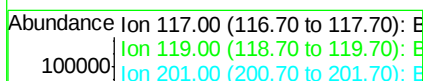
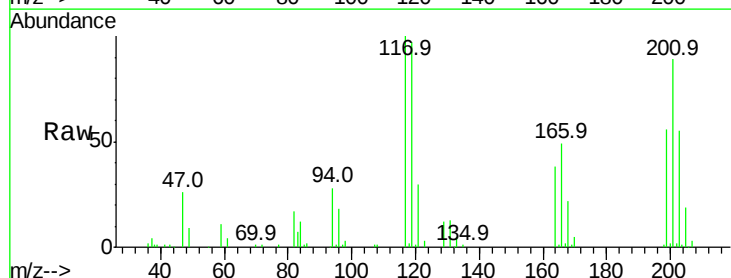
Tgt Ion:117 Resp: 74804

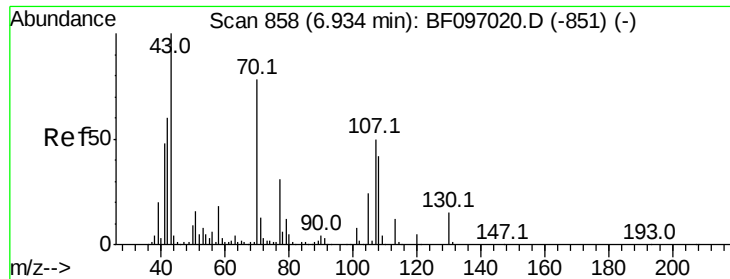
Ion Ratio Lower Upper

117 100

119 97.4 77.4 116.0

201 89.0 94.6 141.8#

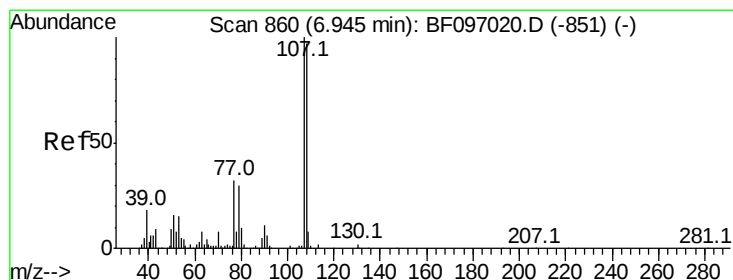
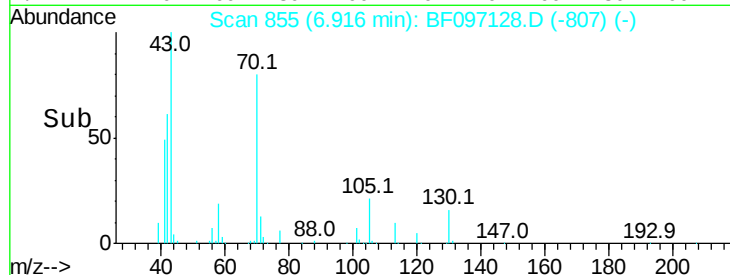
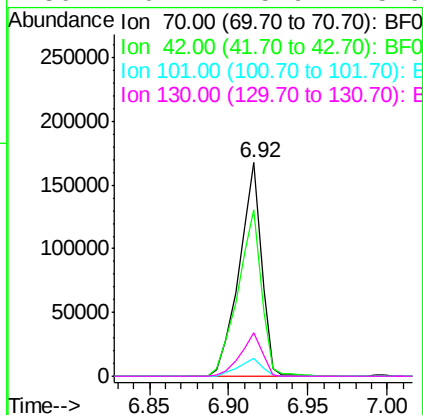
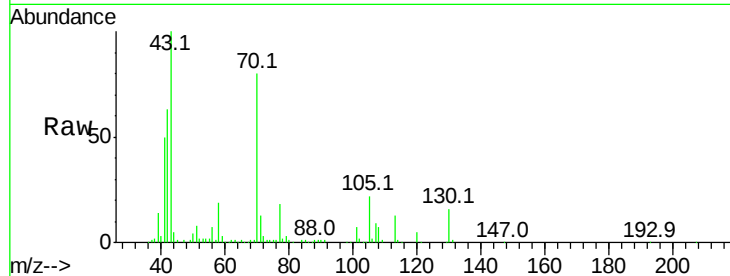




#19
n-Nitroso-di-n-propylamine
Concen: 41.478 ng
RT: 6.92 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

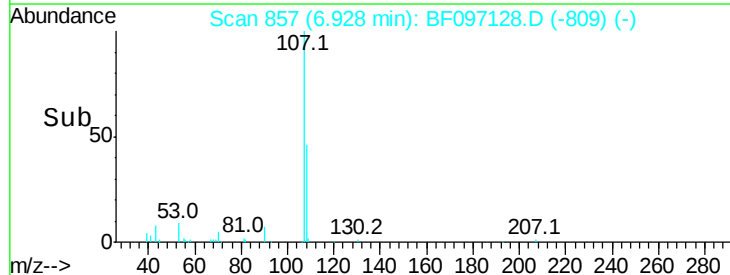
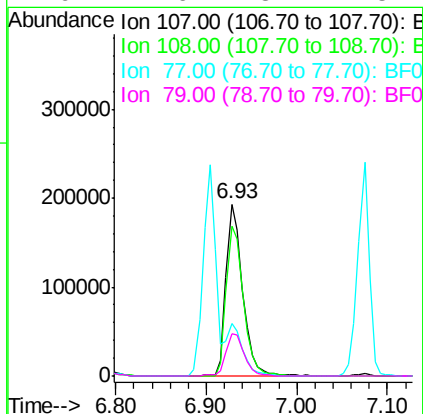
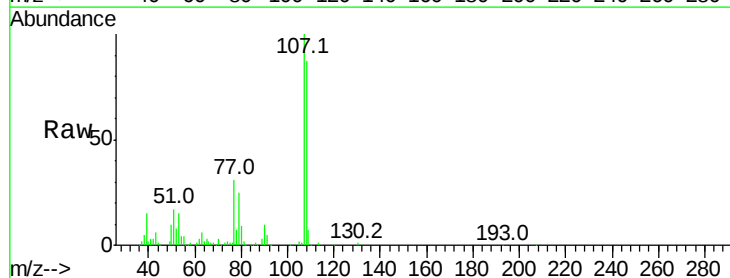
Instrument :
BNA_F
ClientSampleId :
PB101003BS

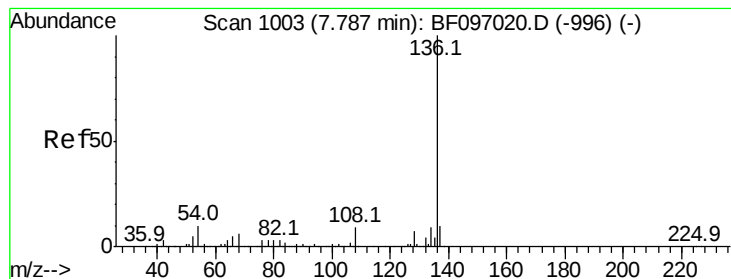
Tot Ion: 70 Resp: 163180
Ion Ratio Lower Upper
70 100
42 78.1 47.2 70.8#
101 8.7 7.2 10.8
130 20.2 15.9 23.9



#20
3+4-Methylphenols
Concen: 43.483 ng
RT: 6.93 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Tgt Ion: 107 Resp: 245373
Ion Ratio Lower Upper
107 100
108 87.0 71.0 111.0
77 30.7 90.5 130.5#
79 24.6 8.4 48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

Instrument :

BNA_F

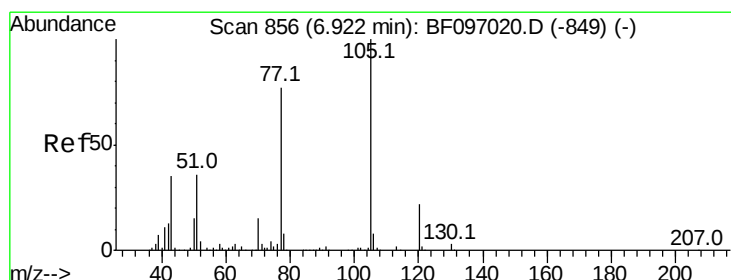
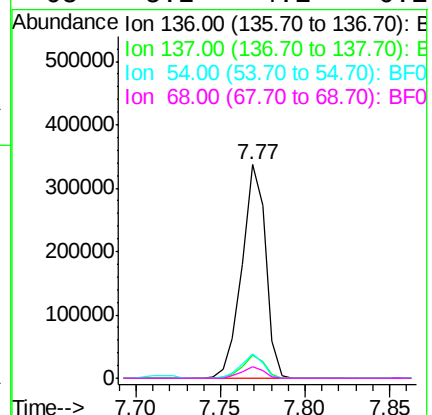
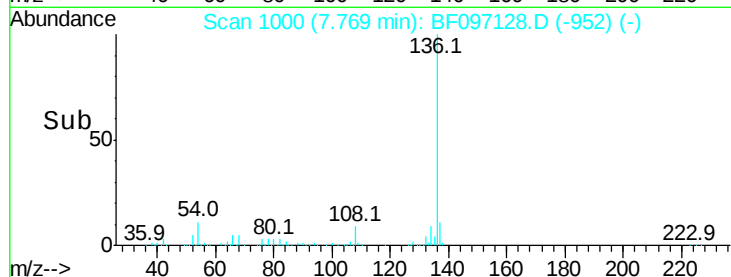
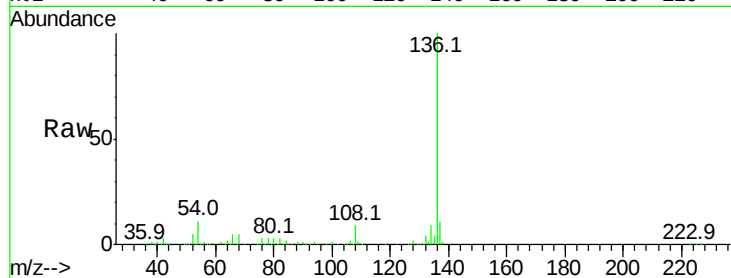
ClientSampleId :

PB101003BS

Tot Ion:136 Resp: 328301

Ion Ratio Lower Upper

136	100		
137	10.9	8.5	12.7
54	11.1	4.9	7.3#
68	5.2	4.1	6.1



#22

Acetophenone

Concen: 40.293 ng

RT: 6.90 min Scan# 853

Delta R.T. -0.02 min

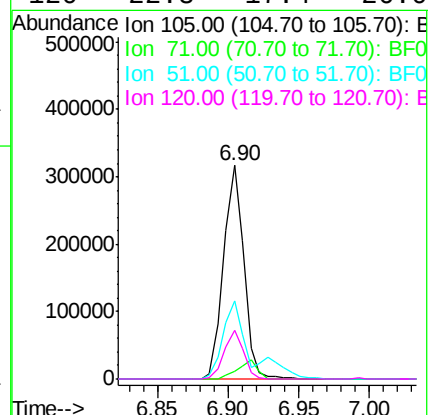
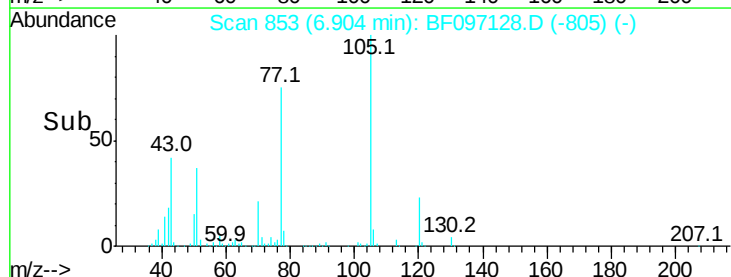
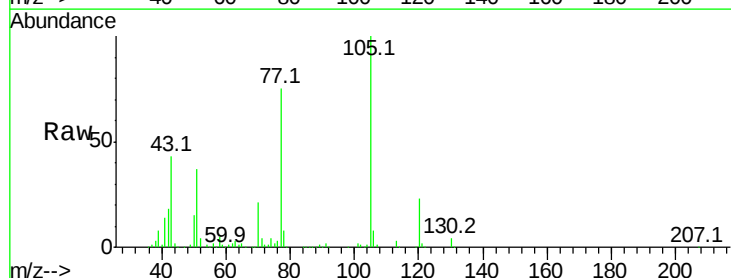
Lab File: BF097128.D

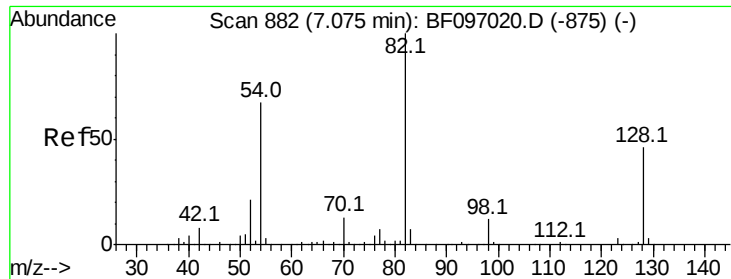
Acq: 27 Jul 2017 17:52

Tgt Ion:105 Resp: 317668

Ion Ratio Lower Upper

105	100		
71	3.5	2.8	4.2
51	36.7	30.7	46.1
120	22.8	17.4	26.0

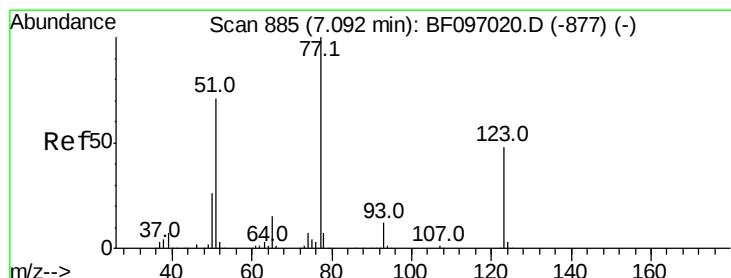
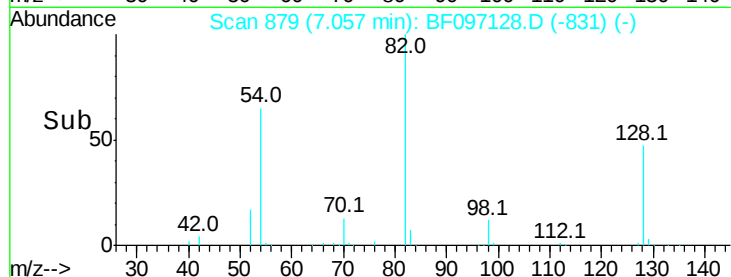
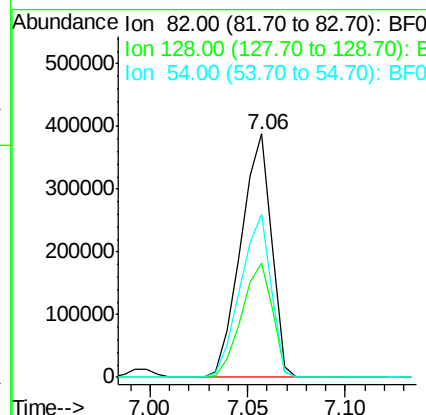
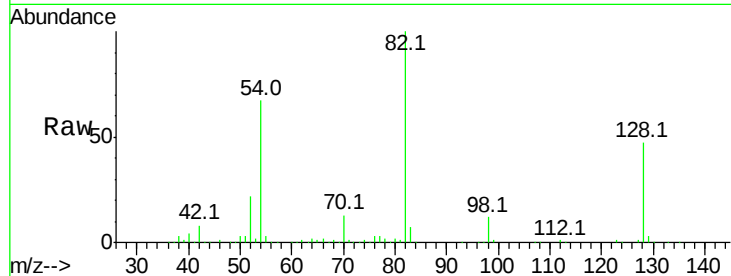




#23
 Nitrobenzene-d5
 Concen: 75.520 ng
 RT: 7.06 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

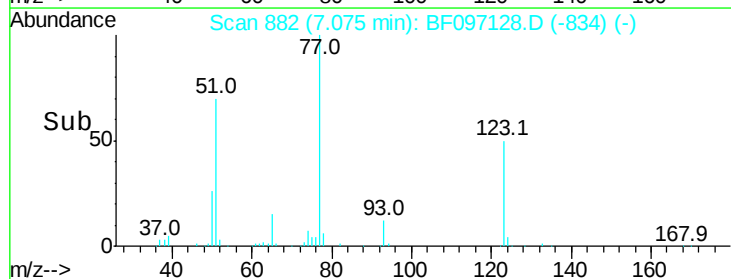
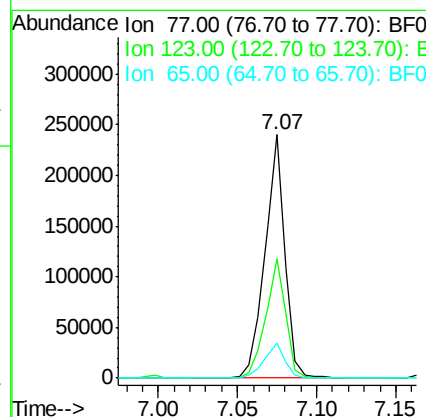
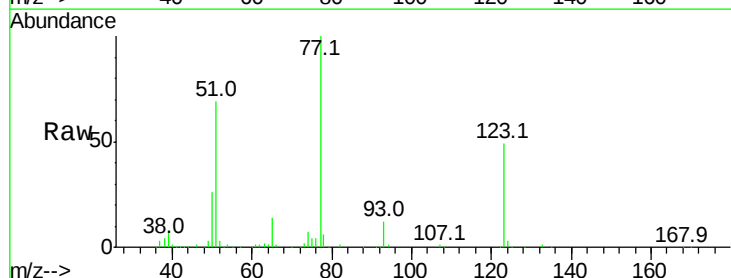
Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

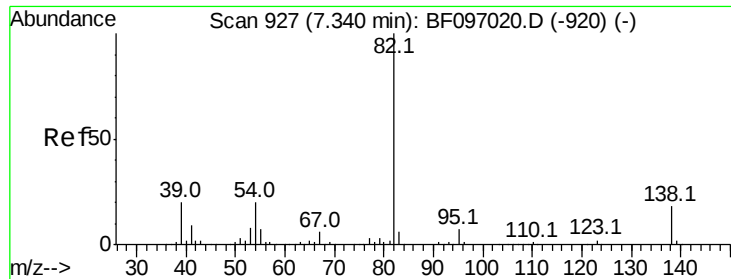
Tot Ion: 82 Resp: 422631
 Ion Ratio Lower Upper
 82 100
 128 46.9 34.0 51.0
 54 67.0 42.2 63.2#



#24
 Nitrobenzene
 Concen: 36.325 ng
 RT: 7.07 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

Tgt Ion: 77 Resp: 211717
 Ion Ratio Lower Upper
 77 100
 123 49.1 35.8 53.8
 65 14.4 10.6 15.8





#25

Isophorone

Concen: 33.691 ng

RT: 7.32 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB101003BS

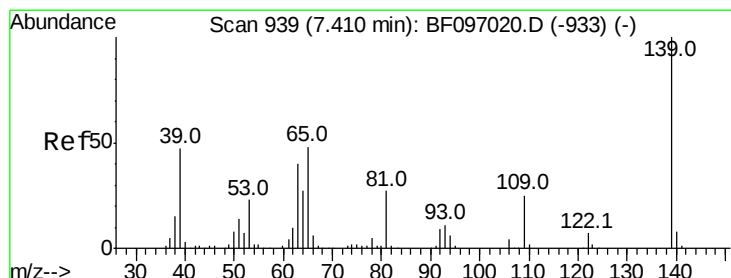
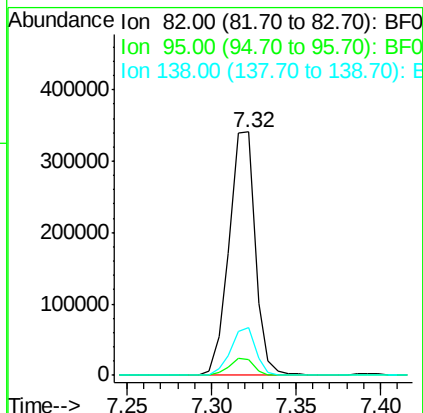
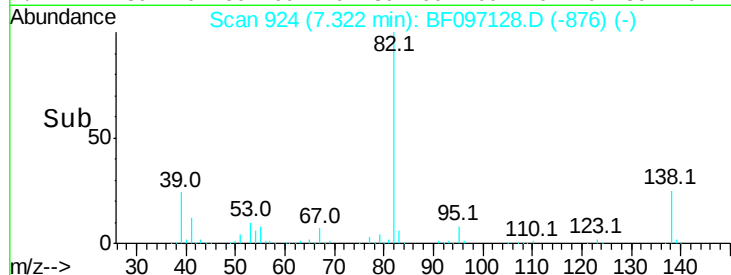
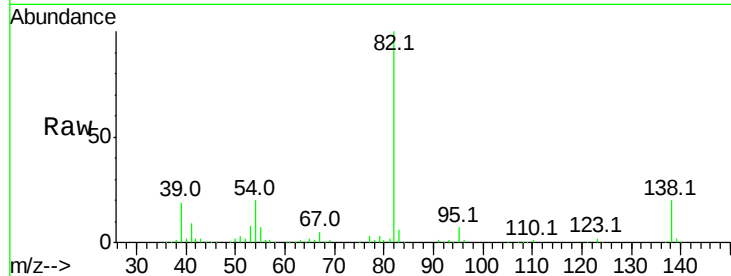
Tot Ion: 82 Resp: 369244

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.7 13.1 19.7#



#26

2-Nitrophenol

Concen: 32.970 ng

RT: 7.39 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

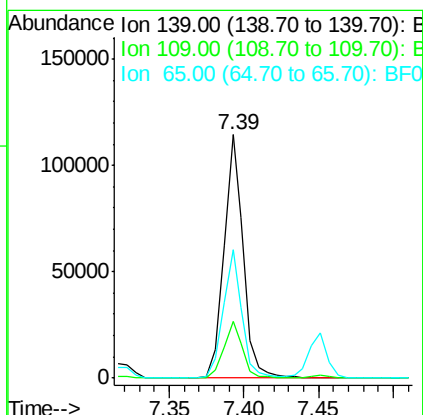
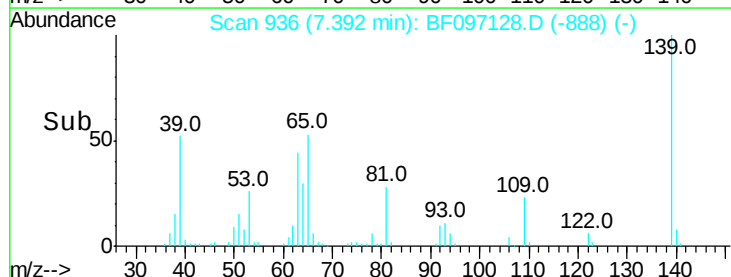
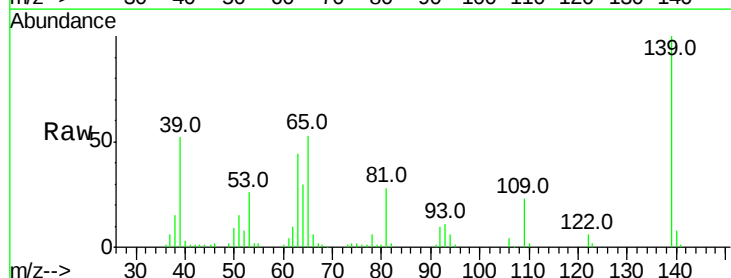
Tgt Ion:139 Resp: 103965

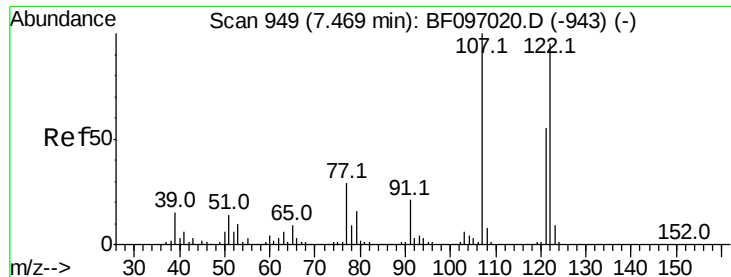
Ion Ratio Lower Upper

139 100

109 23.5 21.0 31.6

65 52.9 33.0 49.6#

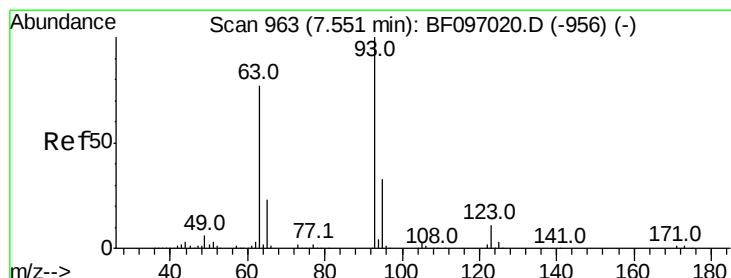
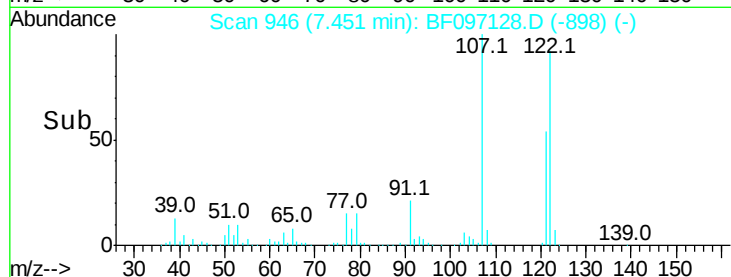
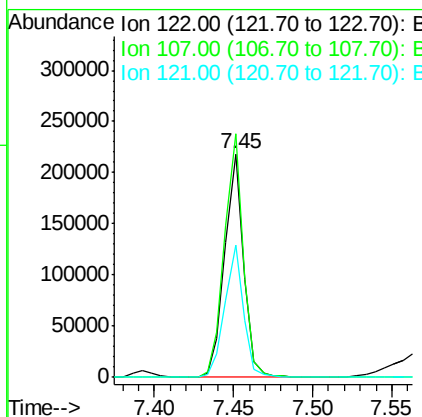
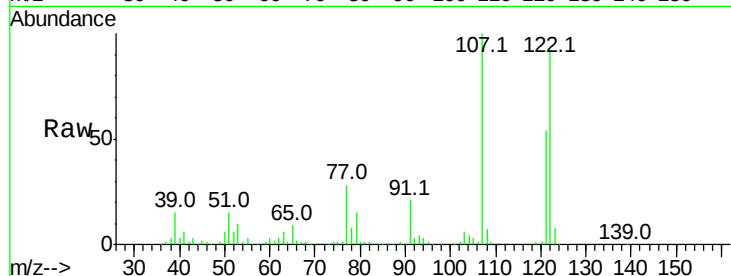




#27
2,4-Dimethylphenol
Concen: 34.863 ng
RT: 7.45 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

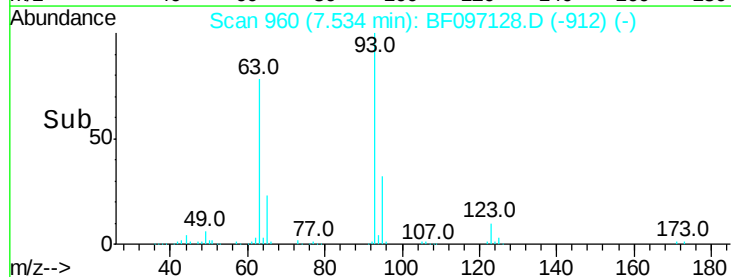
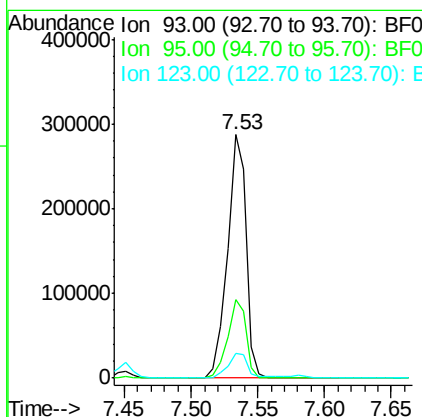
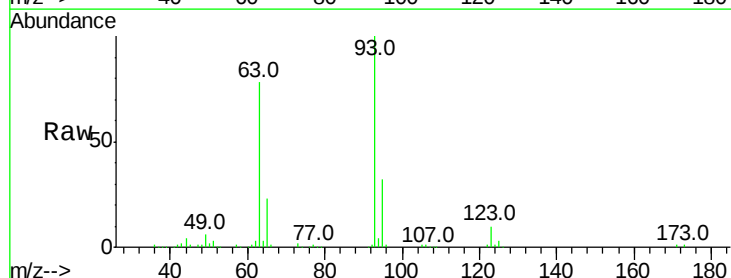
Instrument :
BNA_F
ClientSampleId :
PB101003BS

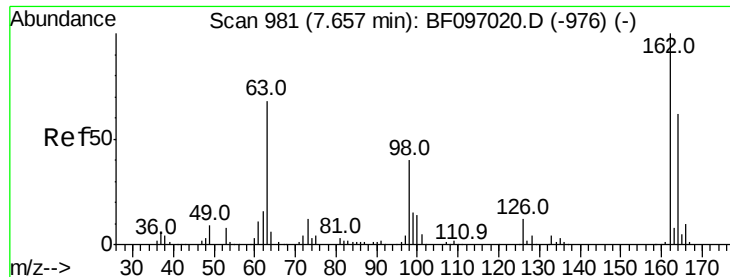
Tot Ion:122 Resp: 181344
Ion Ratio Lower Upper
122 100
107 109.0 89.2 133.8
121 59.3 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 39.846 ng
RT: 7.53 min Scan# 960
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Tgt Ion: 93 Resp: 284980
Ion Ratio Lower Upper
93 100
95 32.0 26.5 39.7
123 10.3 9.0 13.4

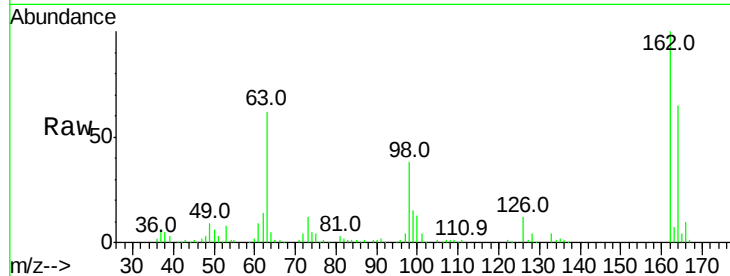




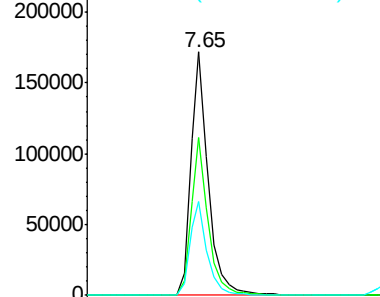
#29
 2,4-Dichlorophenol
 Concen: 36.842 ng
 RT: 7.65 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

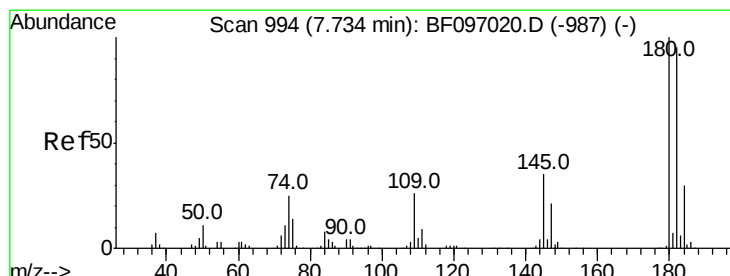
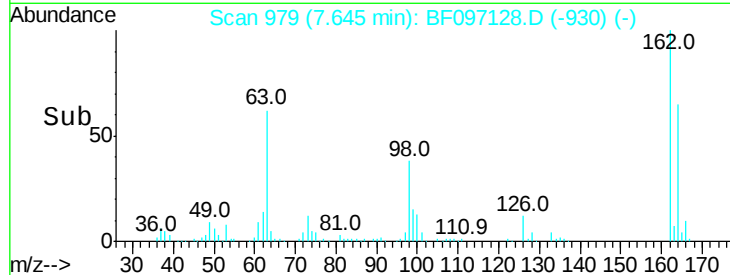
Tot Ion:162 Resp: 165092
 Ion Ratio Lower Upper
 162 100
 164 64.9 44.6 84.6
 98 38.4 14.8 54.8



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

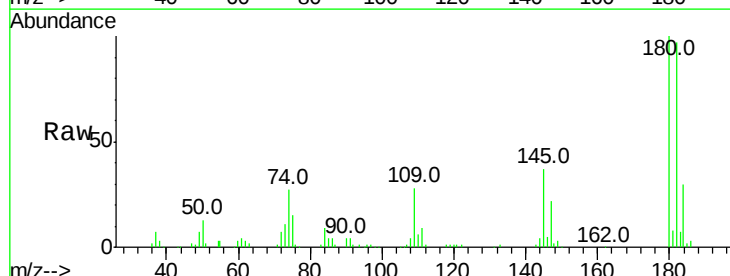


Time-->

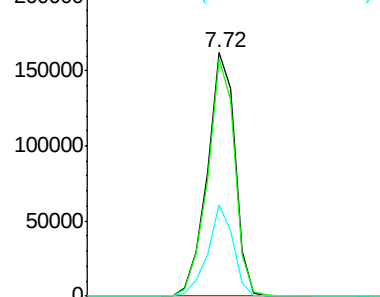


#30
 1,2,4-Trichlorobenzene
 Concen: 37.232 ng
 RT: 7.72 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

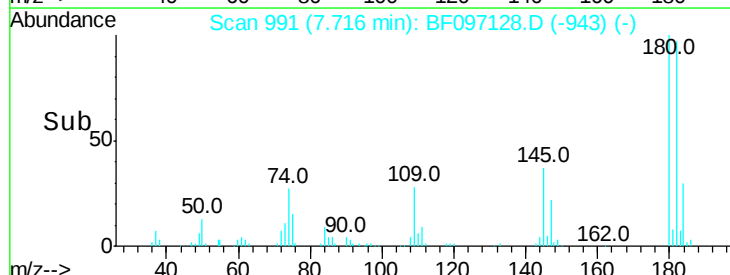
Tgt Ion:180 Resp: 159026
 Ion Ratio Lower Upper
 180 100
 182 97.3 75.8 113.6
 145 37.4 25.3 37.9

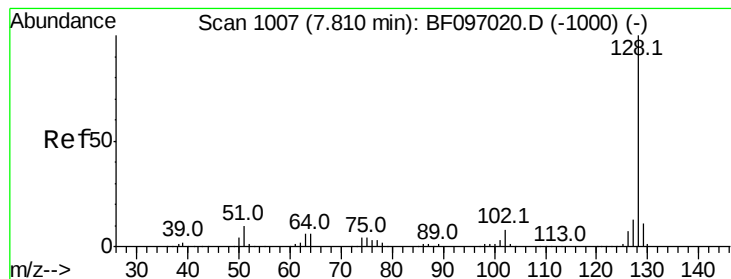


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



Time-->





#31

Naphthalene

Concen: 38.543 ng

RT: 7.79 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB101003BS

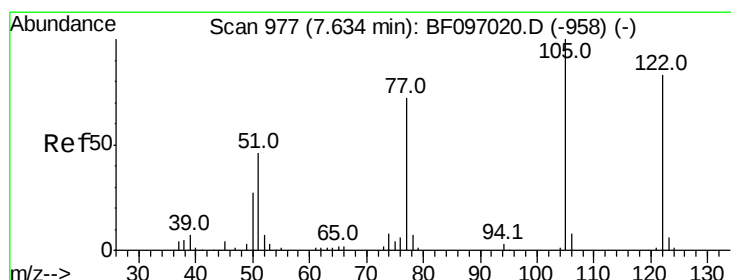
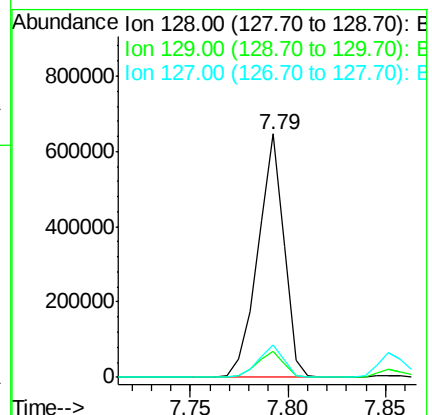
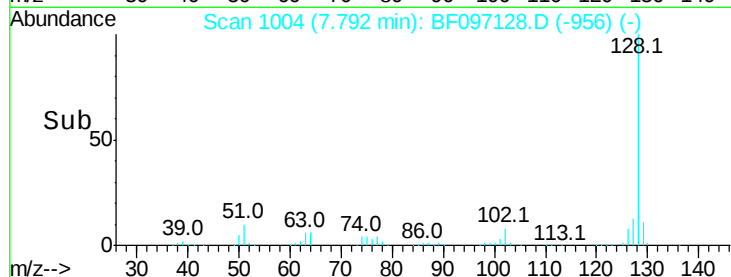
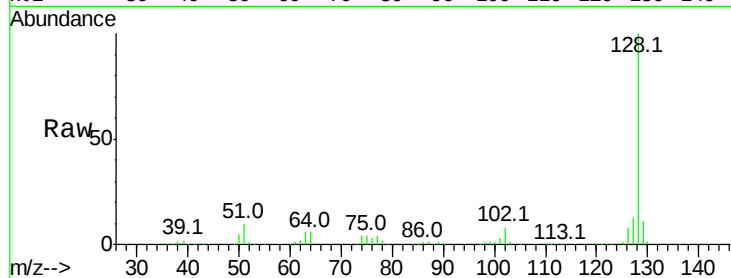
Tot Ion:128 Resp: 596487

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

127 13.2 10.8 16.2



#32

Benzoic acid

Concen: 22.879 ng

RT: 7.58 min Scan# 968

Delta R.T. -0.05 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

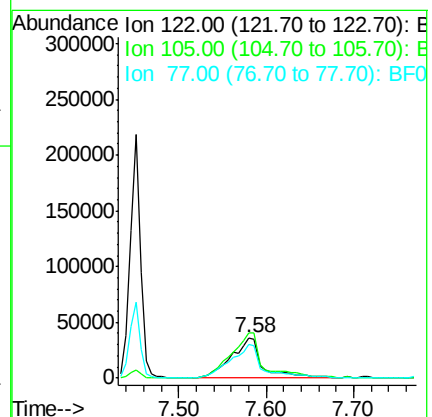
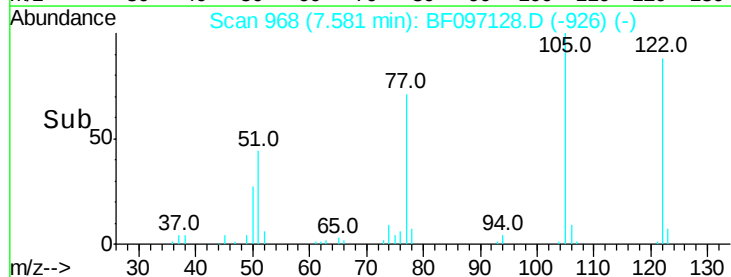
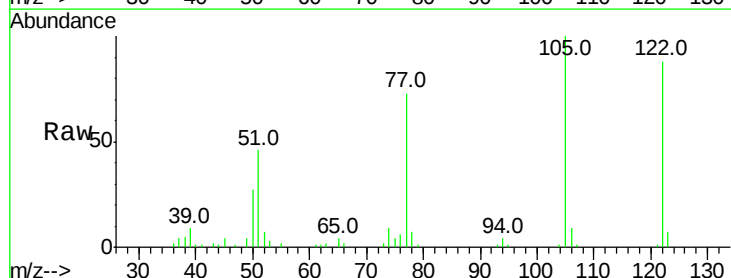
Tgt Ion:122 Resp: 88864

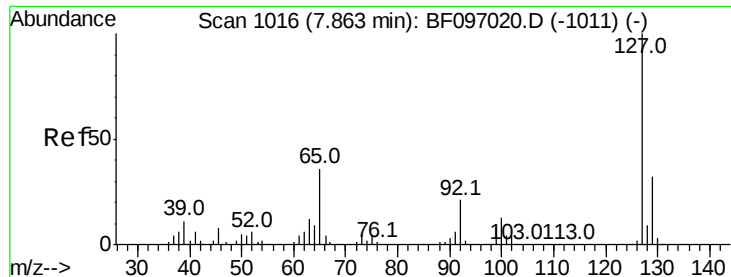
Ion Ratio Lower Upper

122 100

105 113.2 103.3 143.3

77 82.8 73.7 113.7

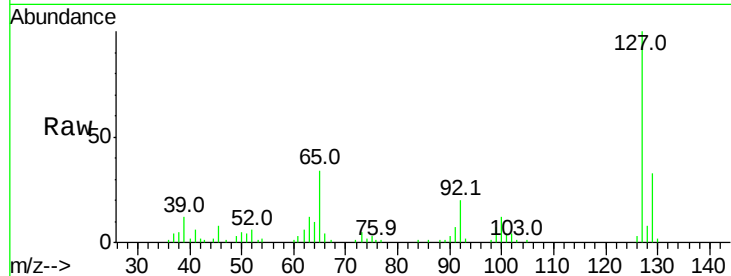




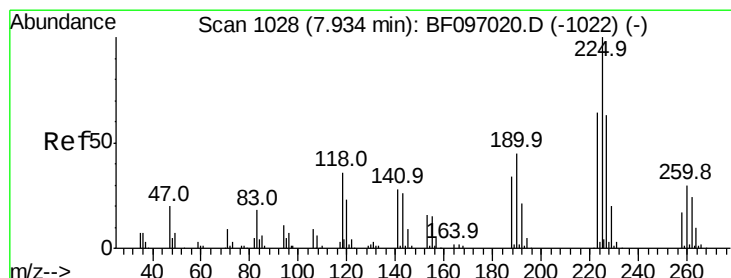
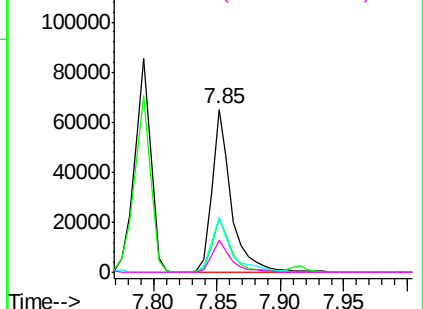
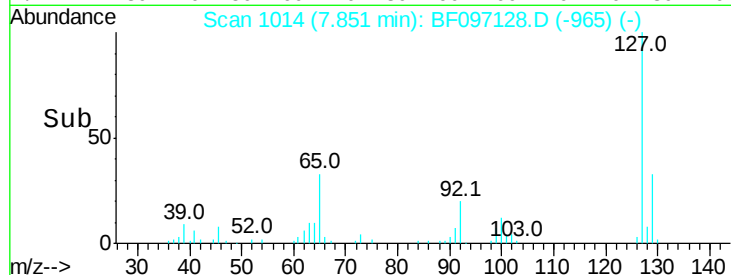
#33
4-Chloroaniline
Concen: 11.121 ng
RT: 7.85 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Tot Ion:	127	Resp:	70032
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.2	39.2
65	33.9	27.8	41.8
92	20.1	16.8	25.2

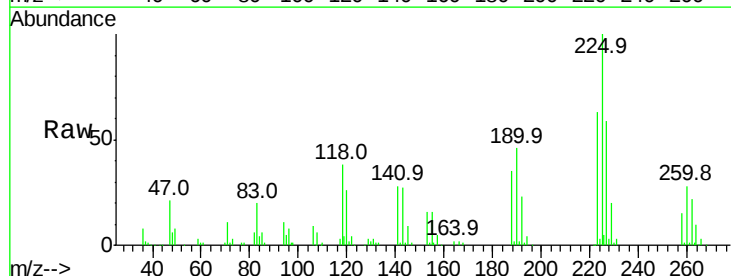


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

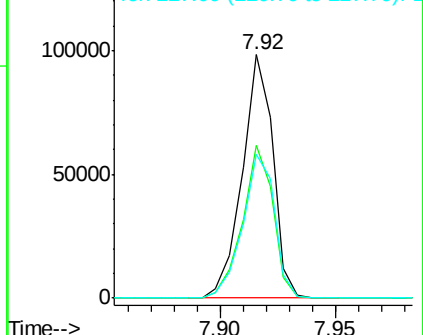
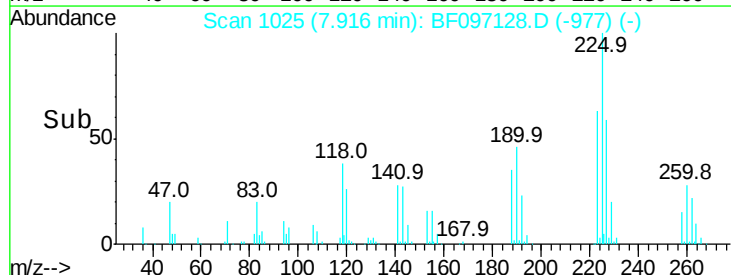


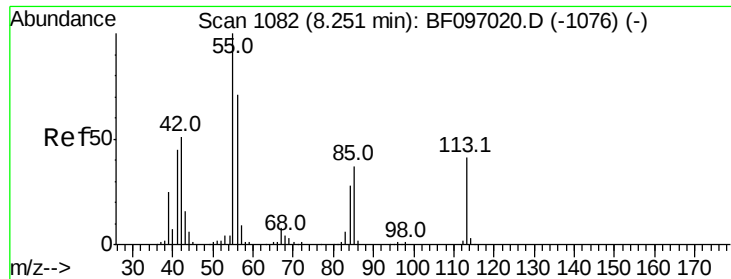
#34
Hexachlorobutadiene
Concen: 40.304 ng
RT: 7.92 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Tgt Ion:	225	Resp:	91263
Ion	Ratio	Lower	Upper
225	100		
223	62.9	48.8	73.2
227	58.8	51.1	76.7



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





#35

Caprolactam

Concen: 40.467 ng

RT: 8.22 min Scan# 1077

Delta R.T. -0.03 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB101003BS

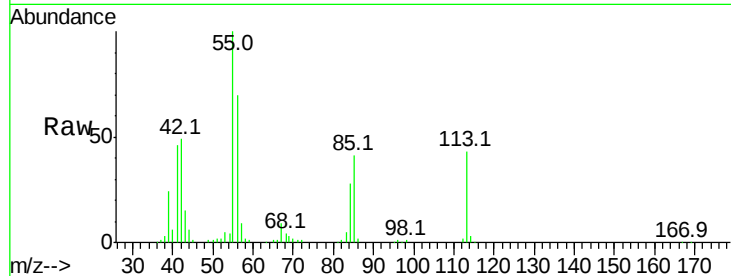
Tot Ion:113 Resp: 58147

Ion Ratio Lower Upper

113 100

55 231.6 150.2 190.2#

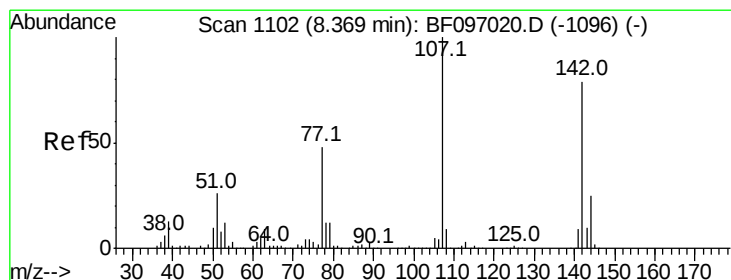
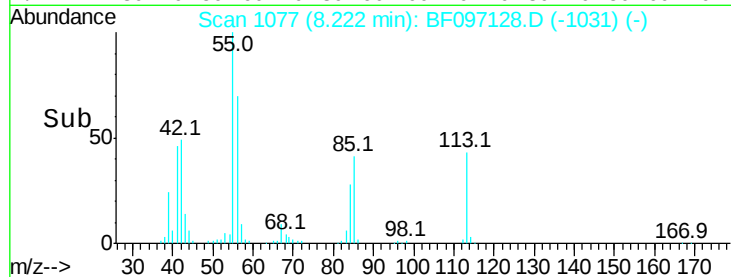
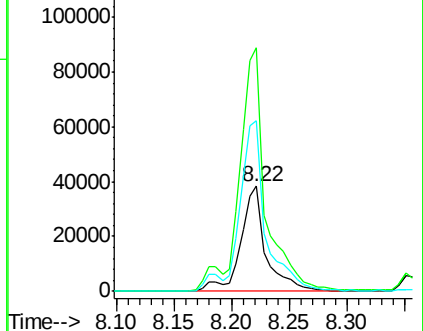
56 162.2 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.654 ng

RT: 8.35 min Scan# 1099

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

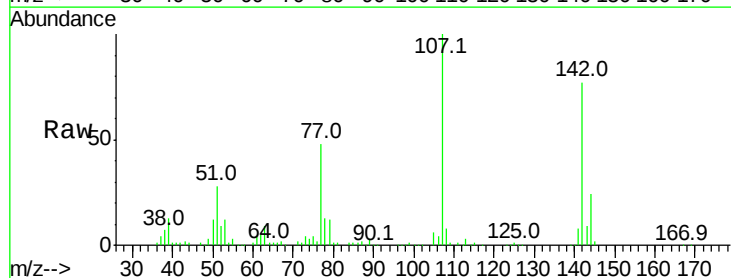
Tgt Ion:107 Resp: 188969

Ion Ratio Lower Upper

107 100

144 23.7 24.2 36.4#

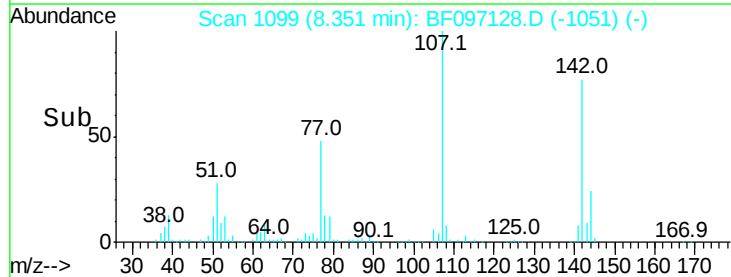
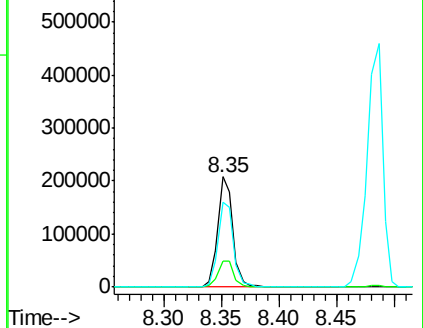
142 76.6 73.4 110.0

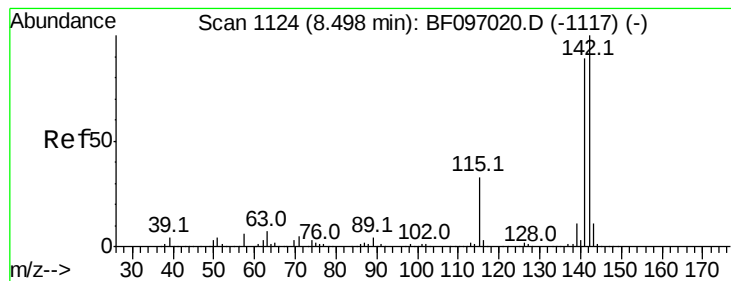


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

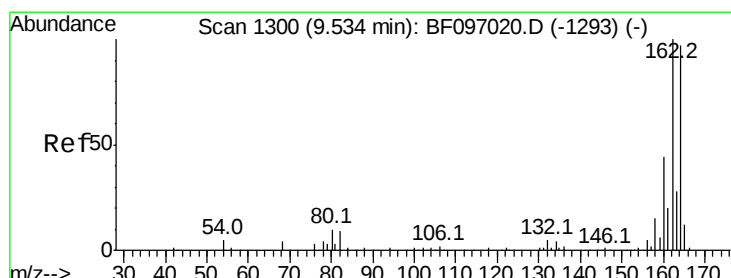
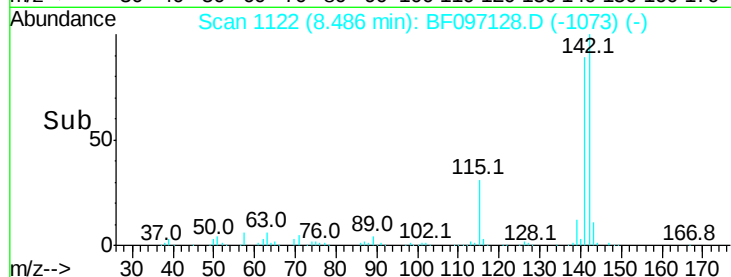
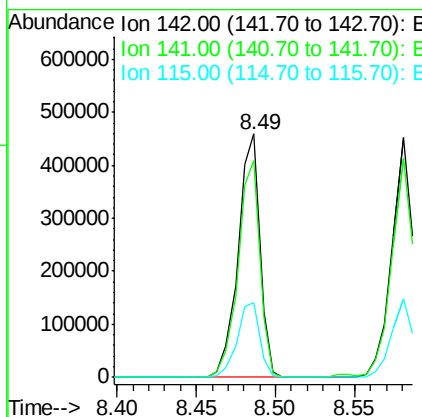
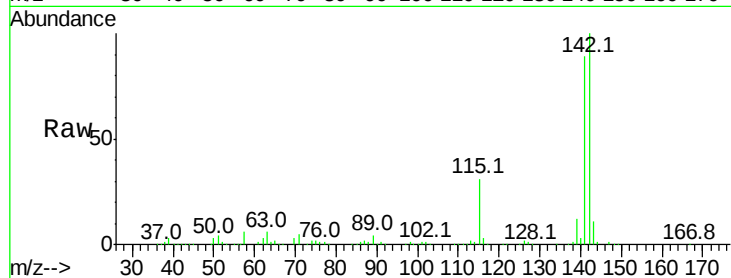




#37
 2-Methylnaphthalene
 Concen: 44.703 ng
 RT: 8.49 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

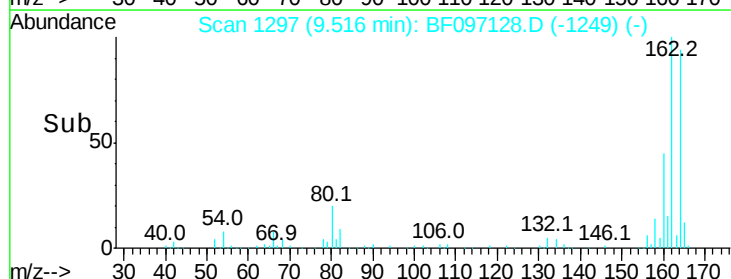
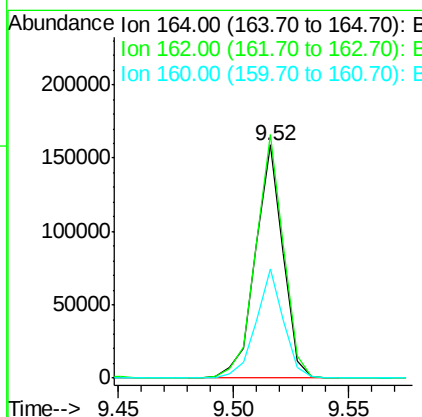
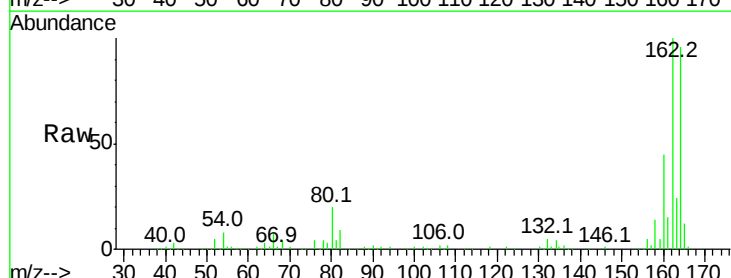
Instrument :
 BNA_F
 ClientSampleID :
 PB101003BS

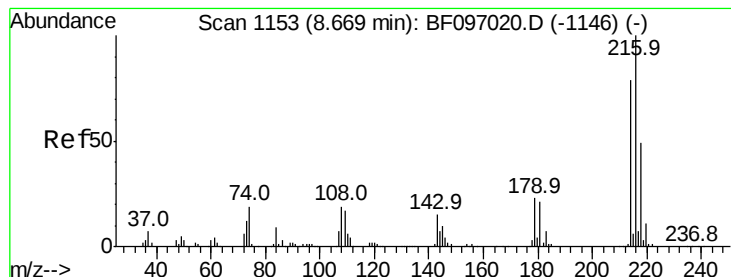
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	30.8	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.6	123.8
160	46.7	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.166 ng

RT: 8.65 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB101003BS

Tot Ion:216 Resp: 152802

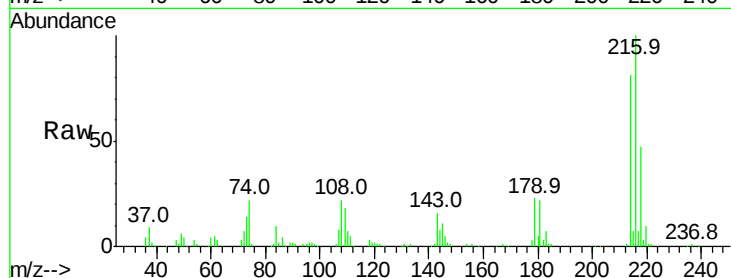
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 22.2 17.9 26.9

108 20.9 16.5 24.7

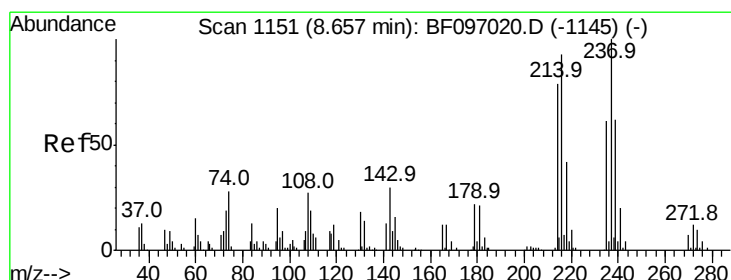
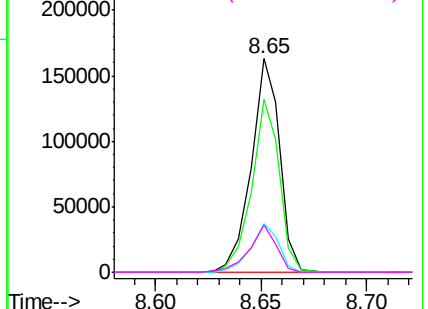
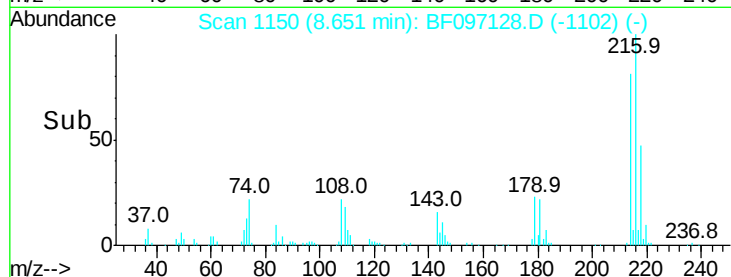


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 21.675 ng

RT: 8.64 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

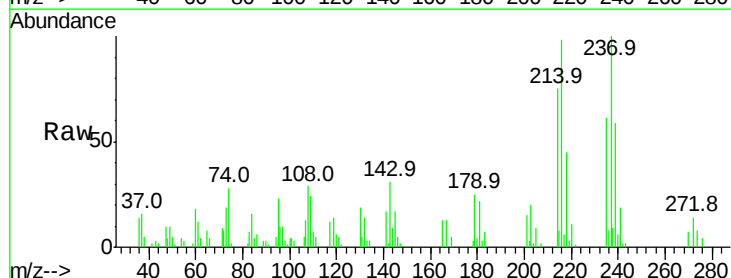
Tgt Ion:237 Resp: 20347

Ion Ratio Lower Upper

237 100

235 61.1 42.6 82.6

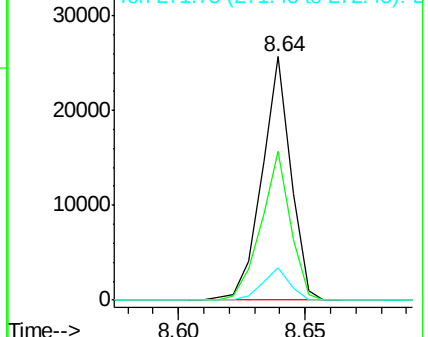
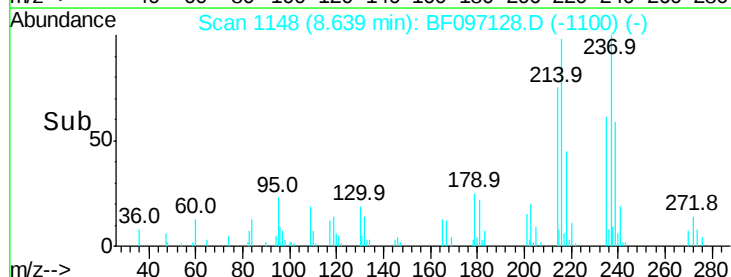
272 13.6 0.0 31.9



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

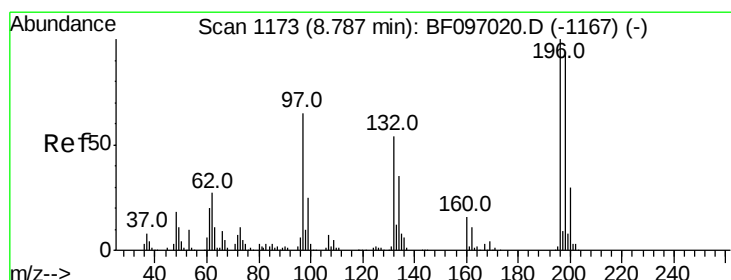
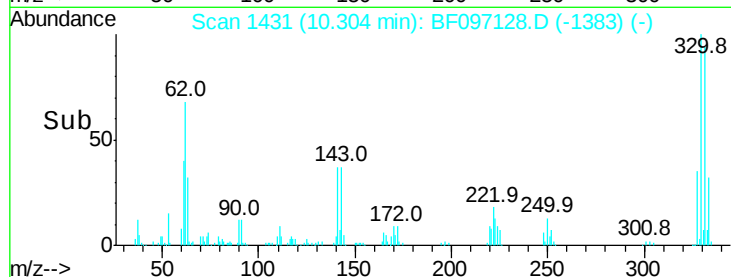
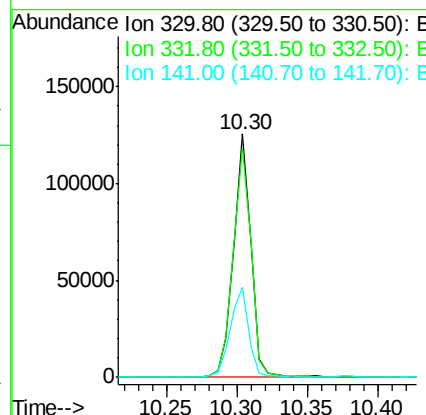
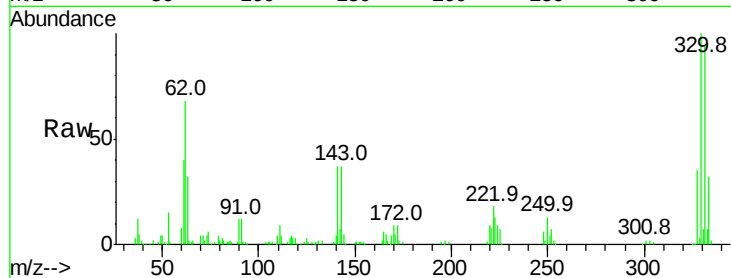




#41
 2,4,6-Tribromophenol
 Concen: 103.562 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

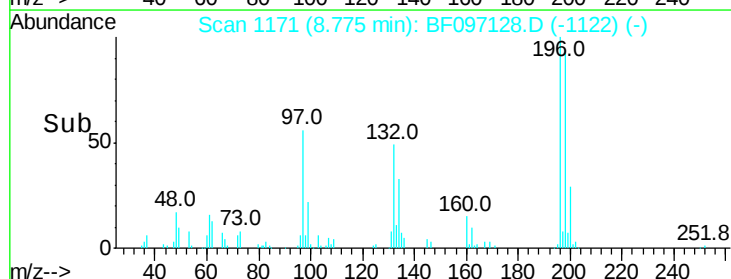
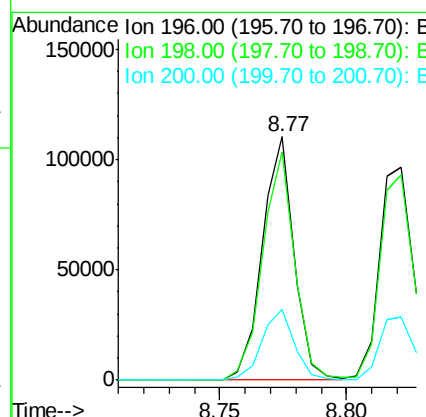
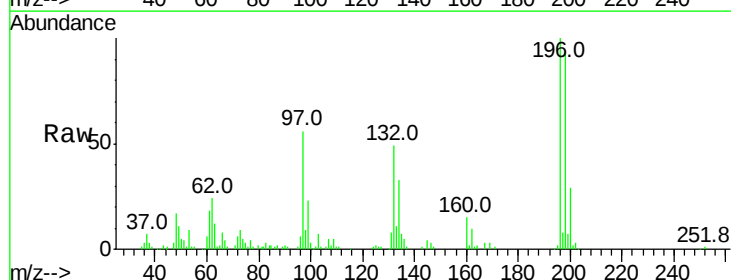
Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

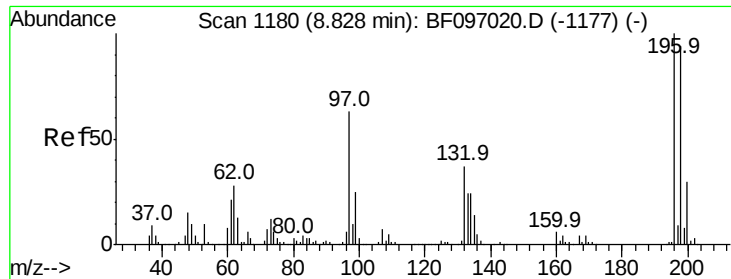
Tot Ion:330 Resp: 108553
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.6 115.0
 141 38.9 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 37.826 ng
 RT: 8.77 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

Tgt Ion:196 Resp: 97033
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.2 111.4
 200 29.1 24.0 36.0

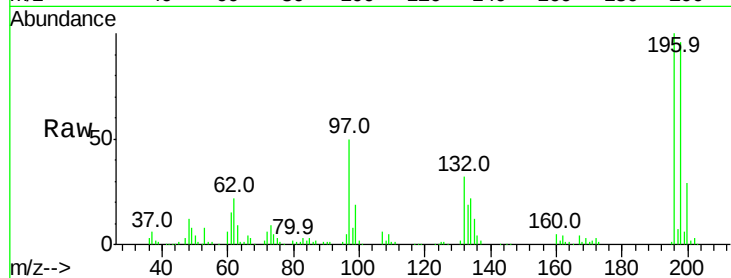




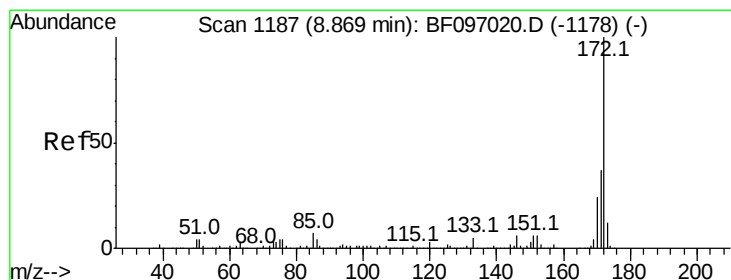
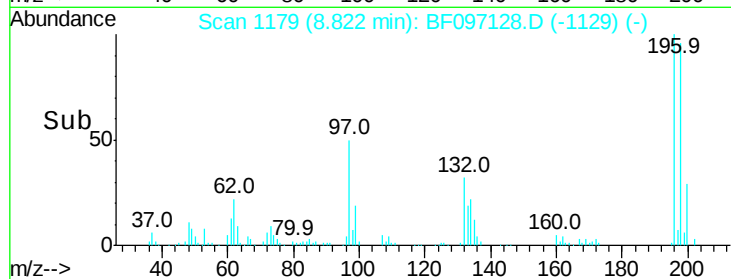
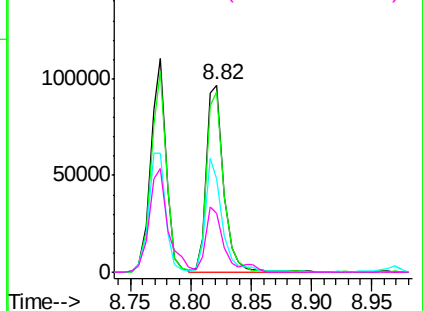
#43
 2,4,5-Trichlorophenol
 Concen: 37.821 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

Tot Ion:	196	Resp:	97108
Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.7	113.5
97	50.3	47.7	71.5
132	31.8	28.0	42.0

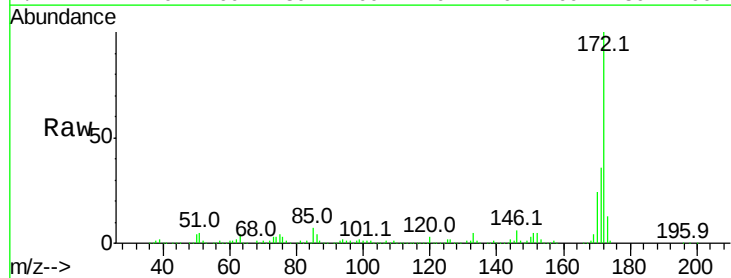


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

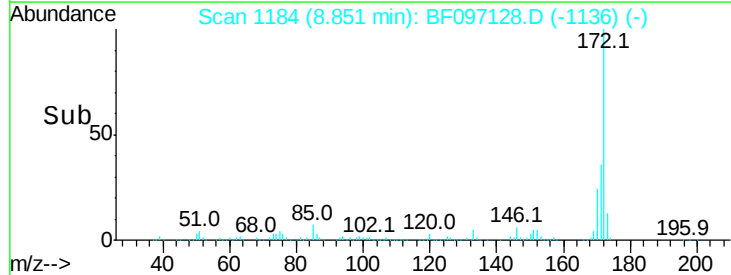
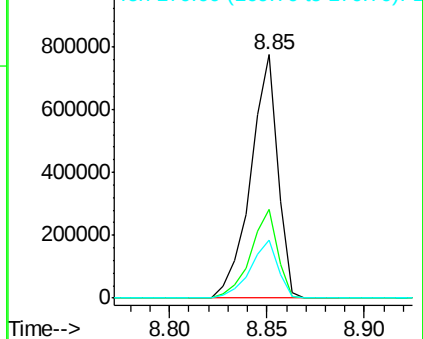


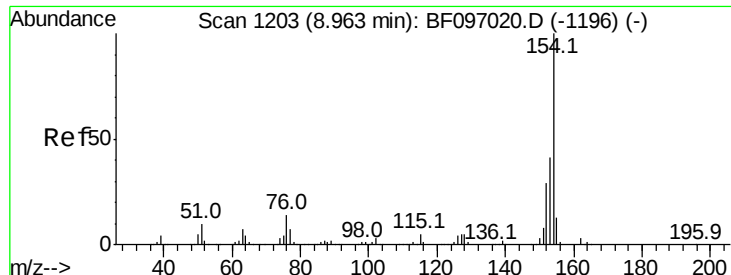
#44
 2-Fluorobiphenyl
 Concen: 95.381 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

Tgt Ion:	172	Resp:	745613
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.7	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

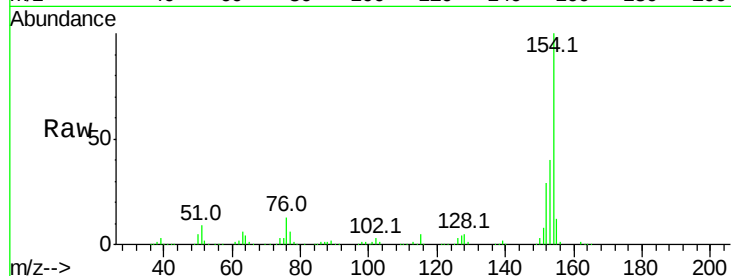




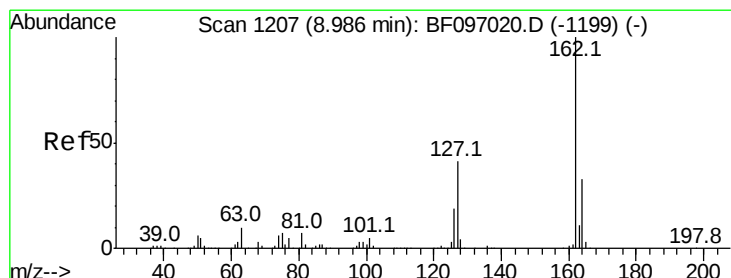
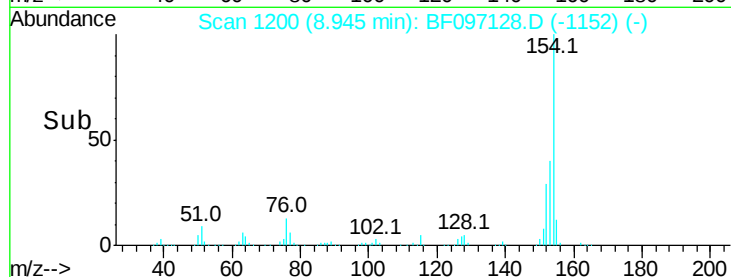
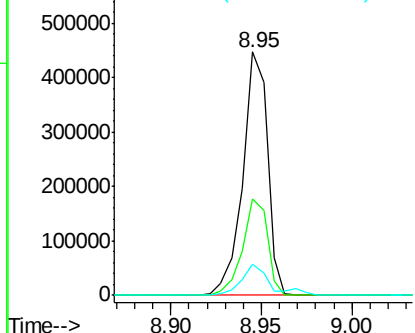
#45
 1,1'-Biphenyl
 Concen: 37.475 ng
 RT: 8.95 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.7	21.2	61.2
76	12.9	0.0	29.9

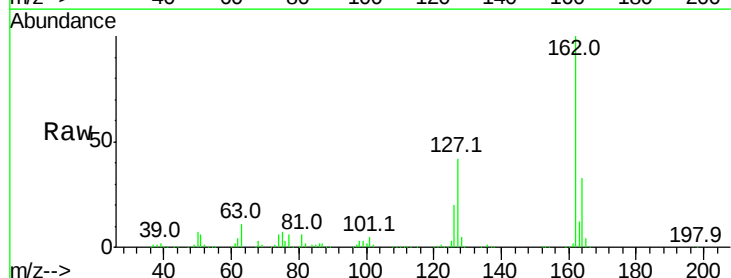


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

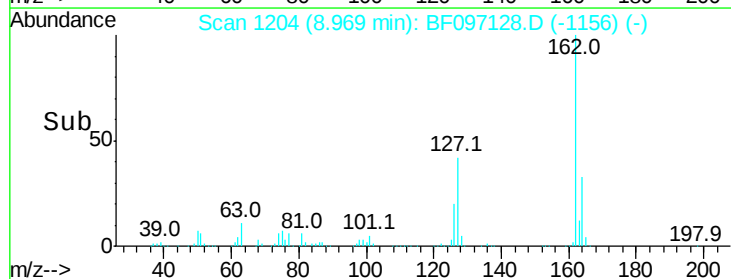
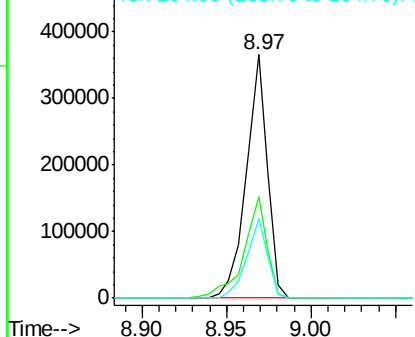


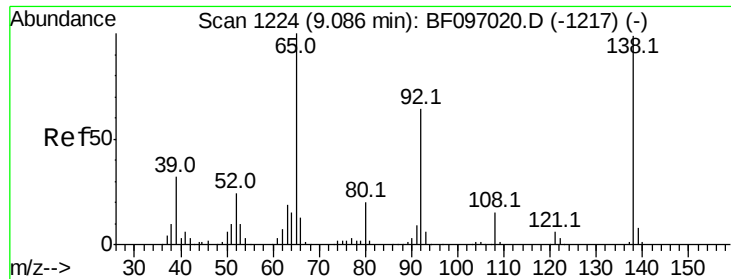
#46
 2-Chloronaphthalene
 Concen: 38.581 ng
 RT: 8.97 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	28.3	42.5
164	32.5	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

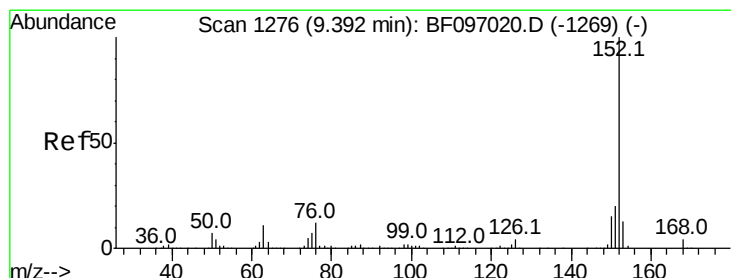
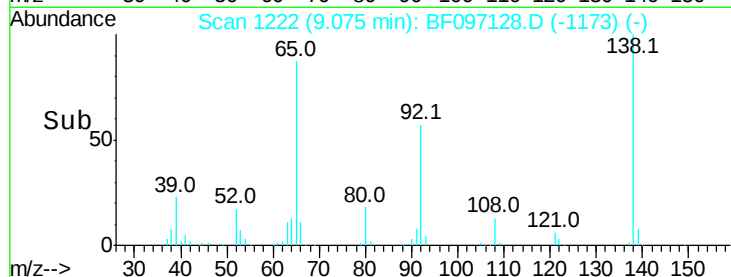
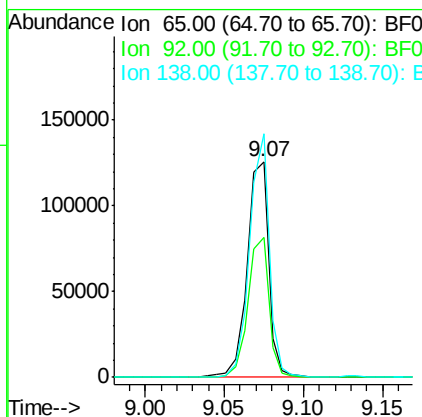
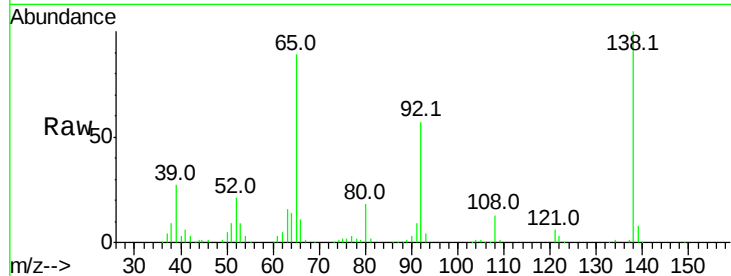




#47
 2-Nitroaniline
 Concen: 39.271 ng
 RT: 9.07 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

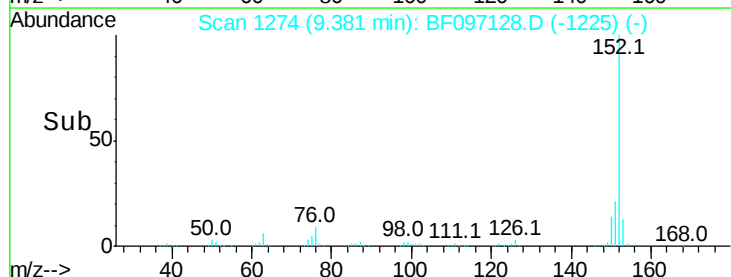
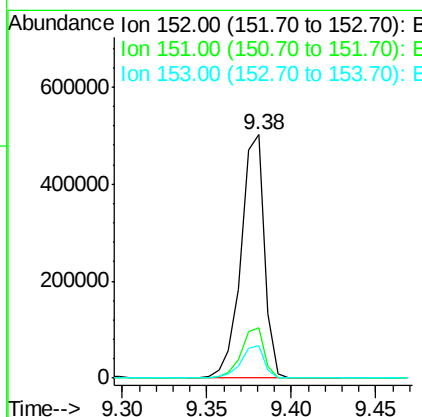
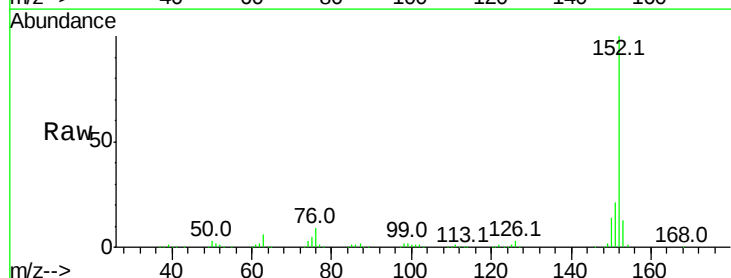
Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

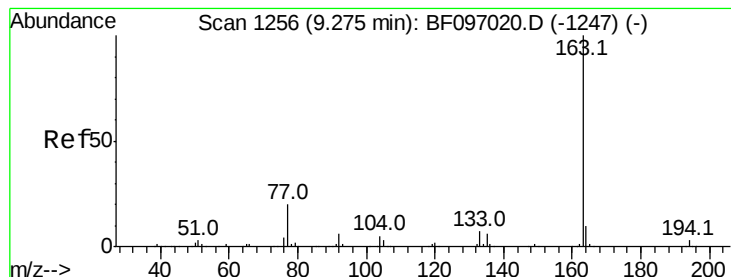
Tot Ion: 65 Resp: 118842
 Ion Ratio Lower Upper
 65 100
 92 64.9 53.9 80.9
 138 112.9 78.8 118.2



#48
 Acenaphthylene
 Concen: 37.892 ng
 RT: 9.38 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

Tgt Ion:152 Resp: 484988
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 13.2 10.8 16.2





#49

Dimethylphthalate

Concen: 38.816 ng

RT: 9.26 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB101003BS

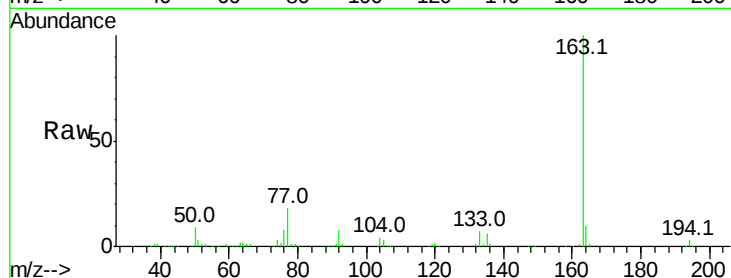
Tot Ion:163 Resp: 391045

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

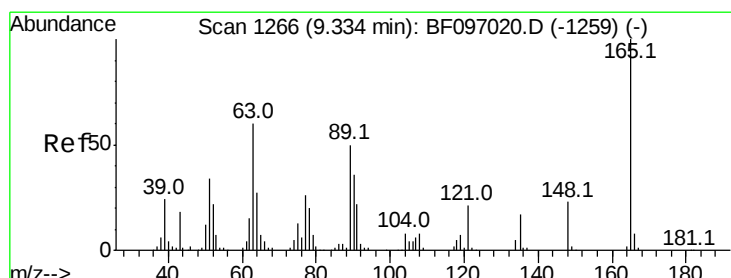
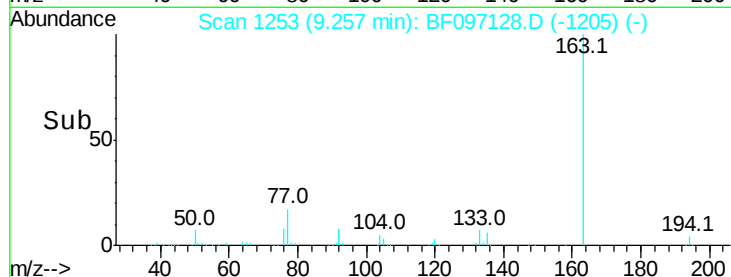
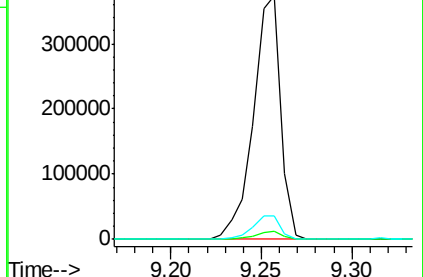
164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.296 ng

RT: 9.32 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

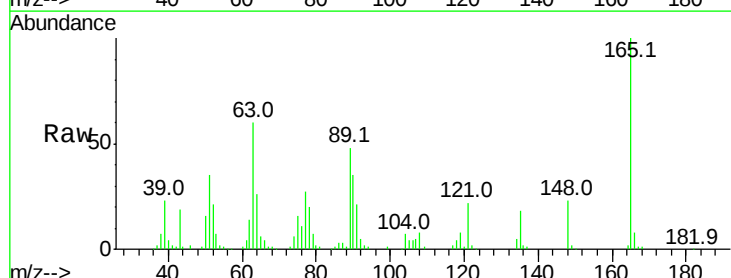
Tgt Ion:165 Resp: 79691

Ion Ratio Lower Upper

165 100

63 59.5 34.3 51.5#

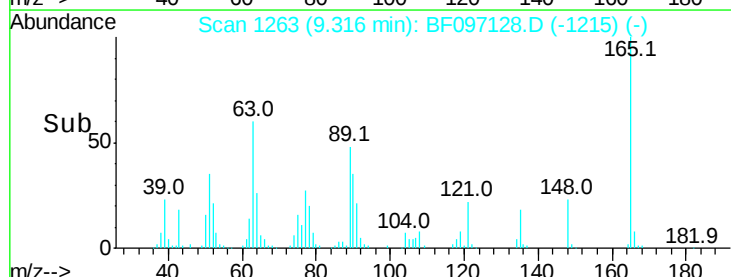
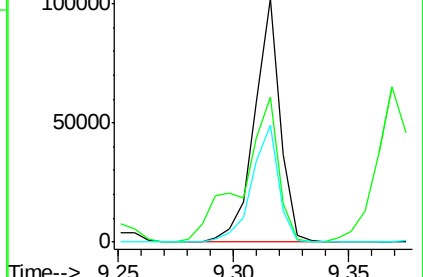
89 47.8 37.1 55.7

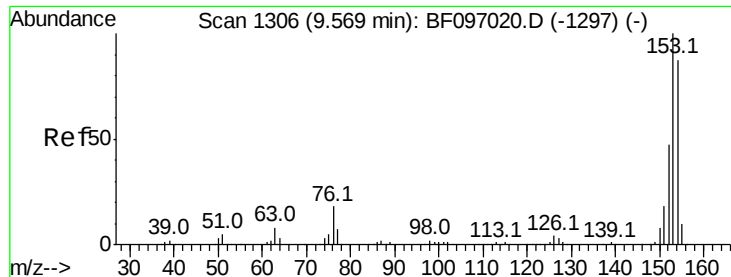


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.121 ng

RT: 9.55 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB101003BS

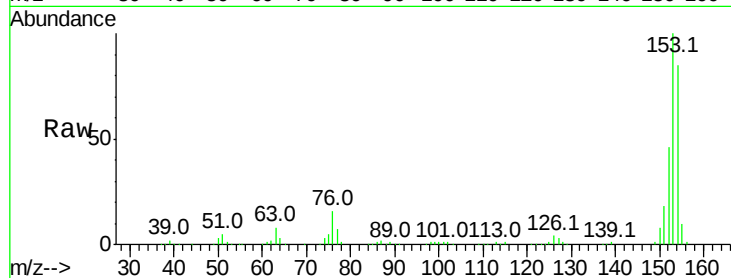
Tot Ion:154 Resp: 279860

Ion Ratio Lower Upper

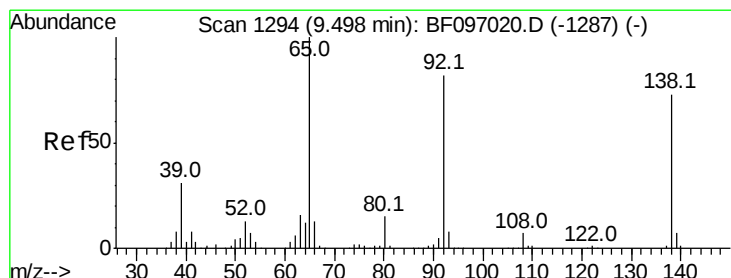
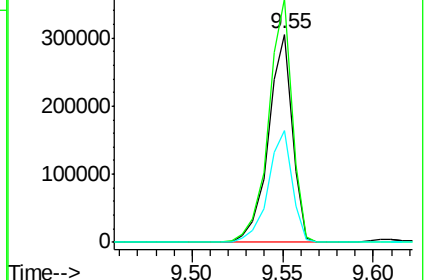
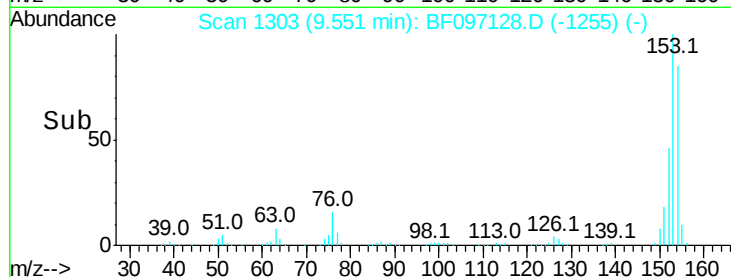
154 100

153 117.0 90.5 135.7

152 53.9 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: 27.133 ng

RT: 9.48 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

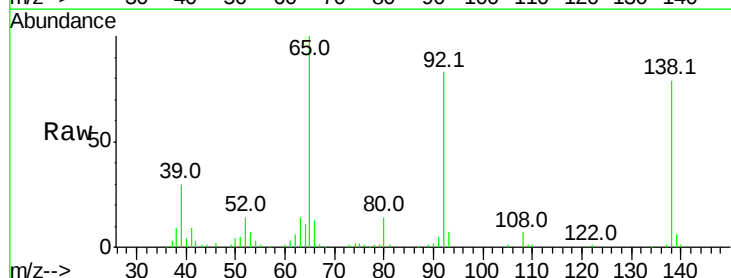
Tgt Ion:138 Resp: 71961

Ion Ratio Lower Upper

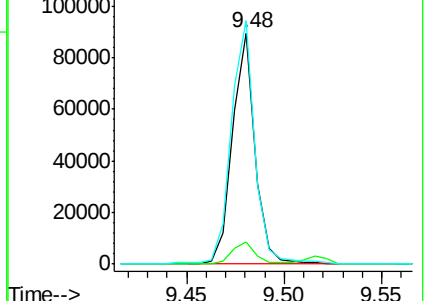
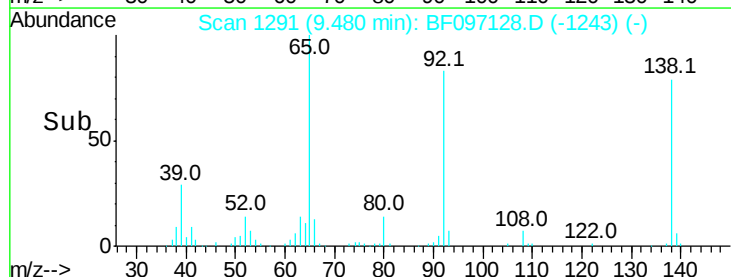
138 100

108 9.5 9.1 13.7

92 105.4 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

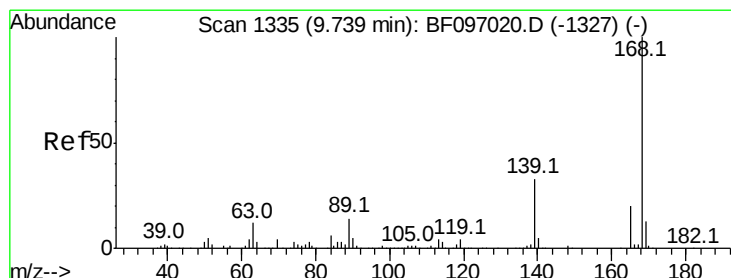
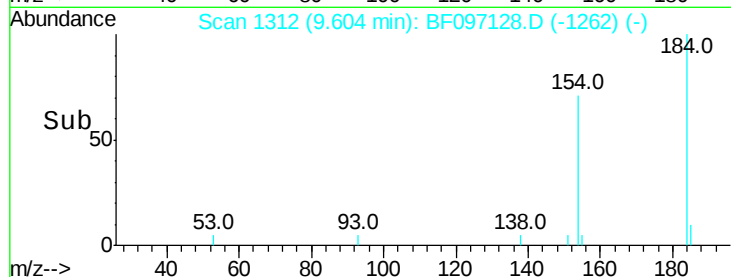
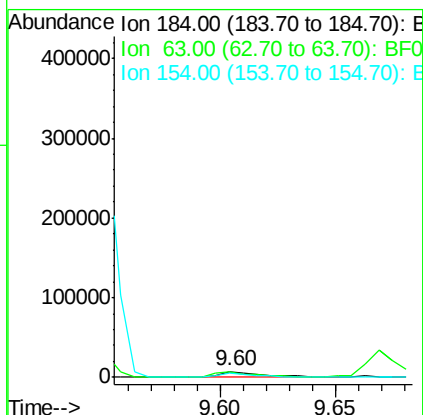
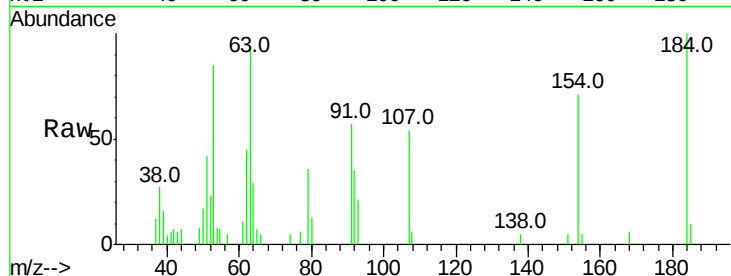




#53
 2,4-Dinitrophenol
 Concen: 10.045 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

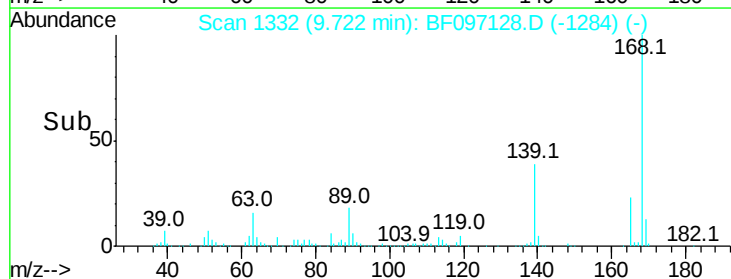
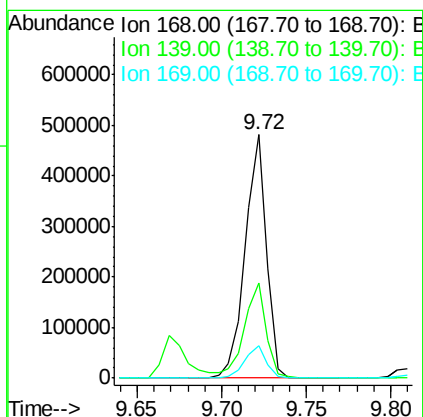
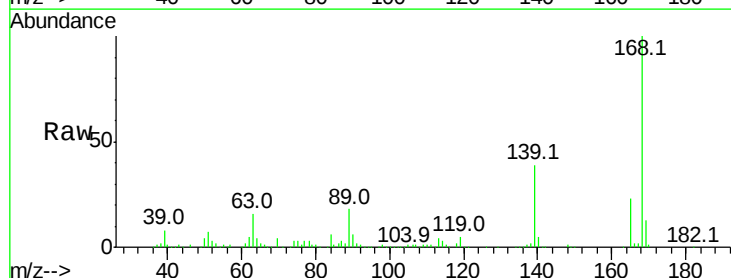
Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

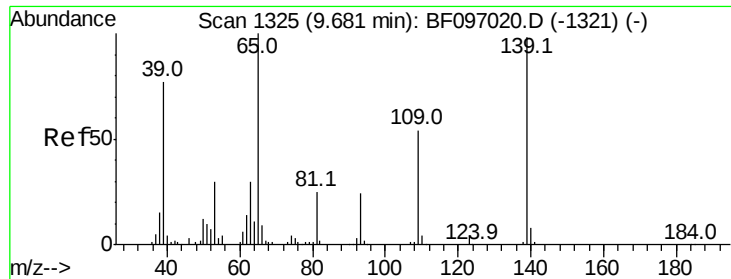
Tot Ion:184 Resp: 9759
 Ion Ratio Lower Upper
 184 100
 63 94.4 62.7 94.1#
 154 70.6 81.1 121.7#



#54
 Dibenzofuran
 Concen: 42.242 ng
 RT: 9.72 min Scan# 1332
 Delta R.T. -0.02 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

Tgt Ion:168 Resp: 424194
 Ion Ratio Lower Upper
 168 100
 139 38.8 30.6 45.8
 169 13.1 10.8 16.2

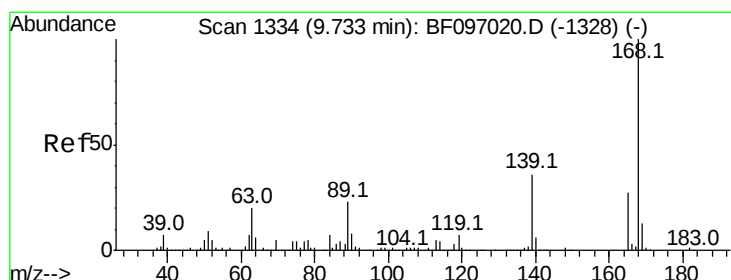
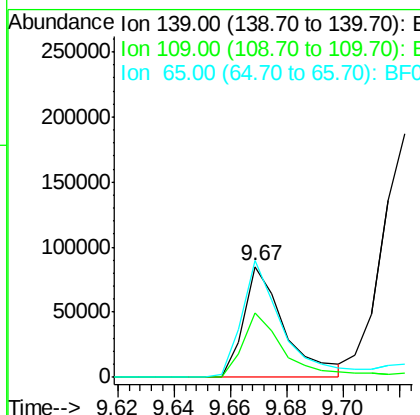
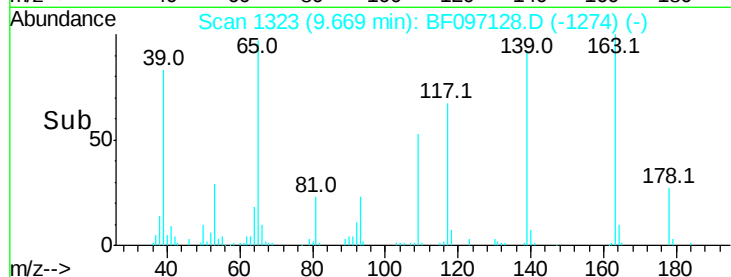
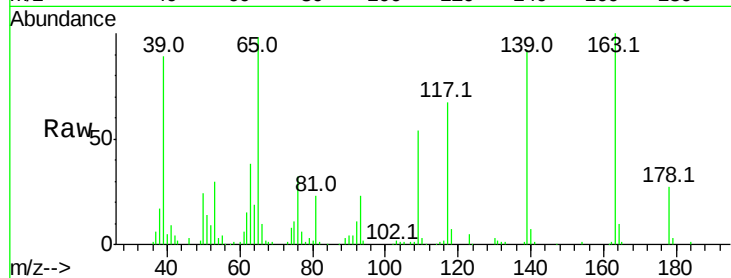




#55
4-Nitrophenol
Concen: 54.282 ng
RT: 9.67 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

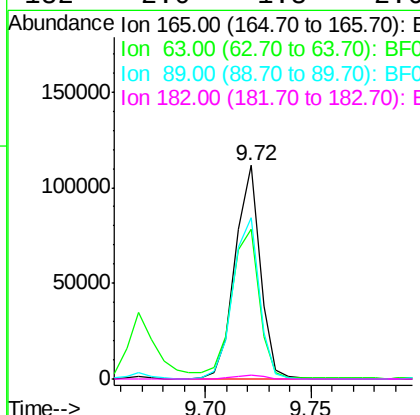
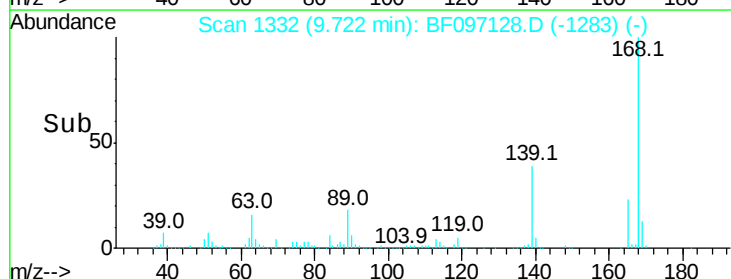
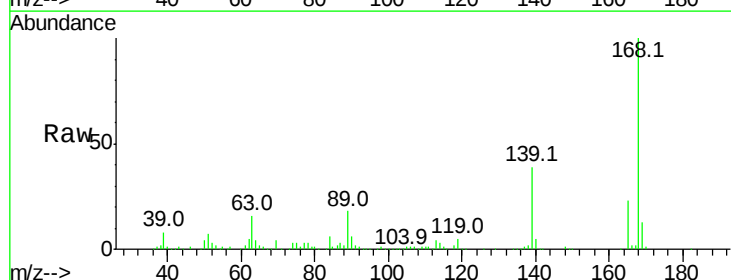
Instrument :
BNA_F
ClientSampleId :
PB101003BS

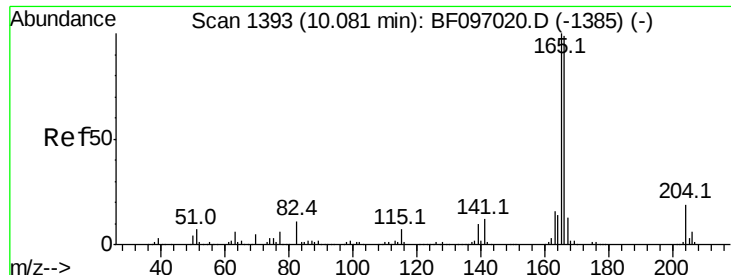
Tot Ion:139 Resp: 85615
Ion Ratio Lower Upper
139 100
109 58.5 34.1 74.1
65 106.1 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 37.152 ng
RT: 9.72 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Tgt Ion:165 Resp: 91259
Ion Ratio Lower Upper
165 100
63 70.1 25.4 38.0#
89 75.6 46.4 69.6#
182 2.0 1.8 2.6

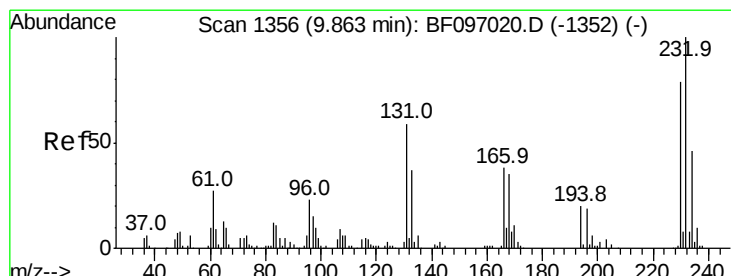
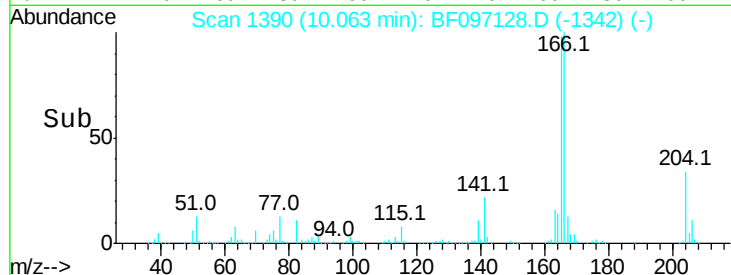
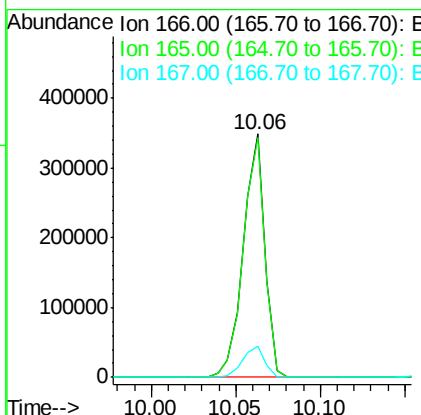
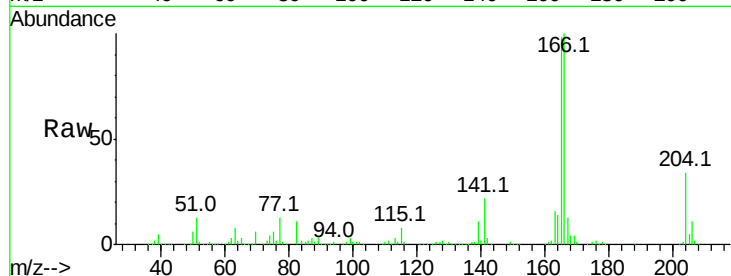




#57
Fluorene
 Concen: 41.287 ng
 RT: 10.06 min Scan# 1390
 Delta R.T. -0.02 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

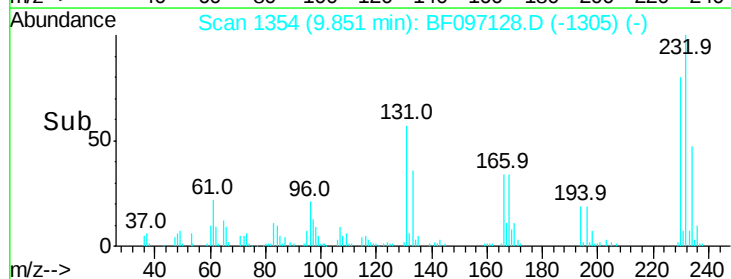
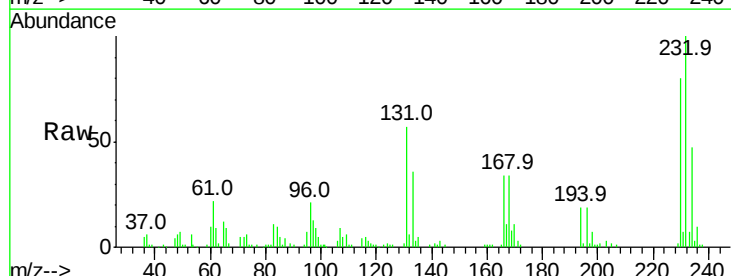
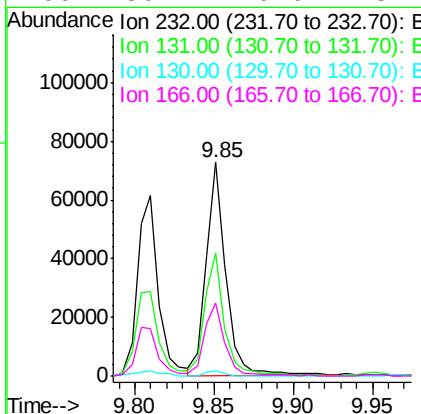
Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

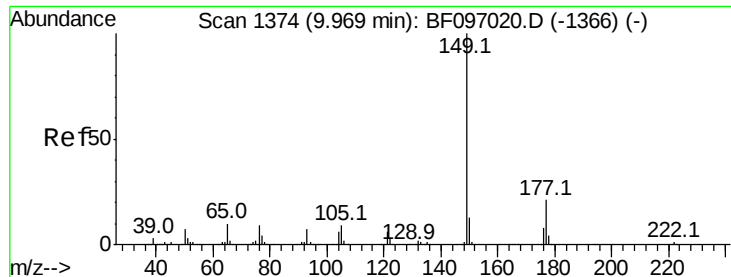
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.8	118.2
167	12.7	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.698 ng
 RT: 9.85 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

Tgt Ion	Ratio	Lower	Upper
232	100		
131	60.0	44.8	67.2
130	2.1	2.3	3.5
166	36.1	29.0	43.4

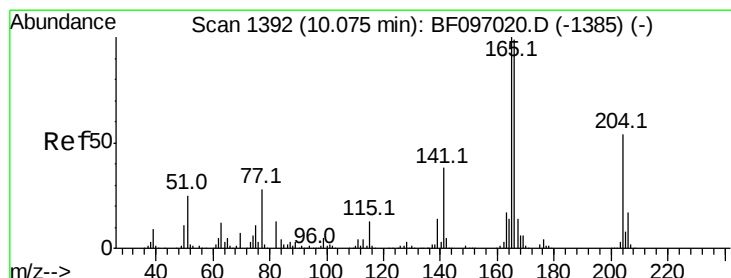
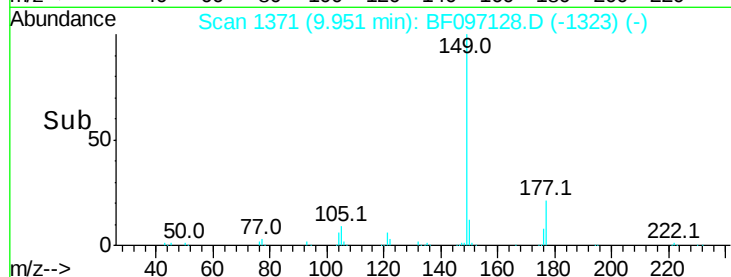
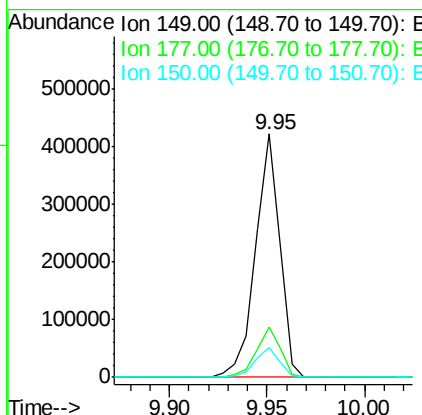
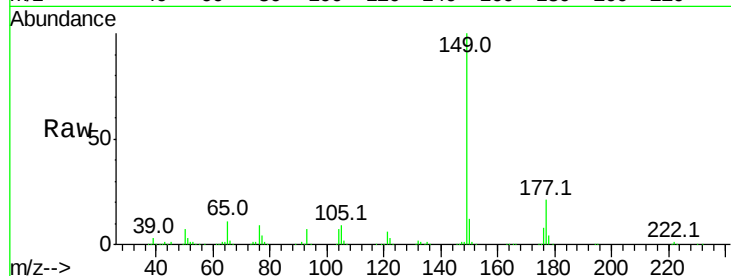




#59
Diethylphthalate
Concen: 39.359 ng
RT: 9.95 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

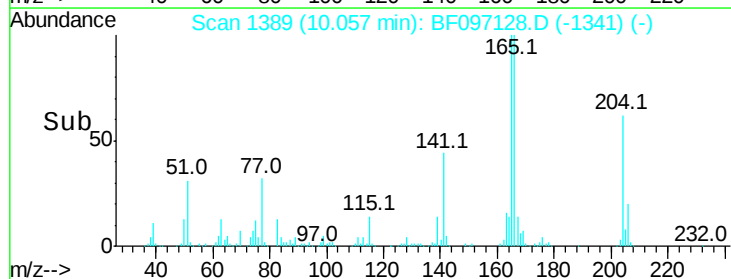
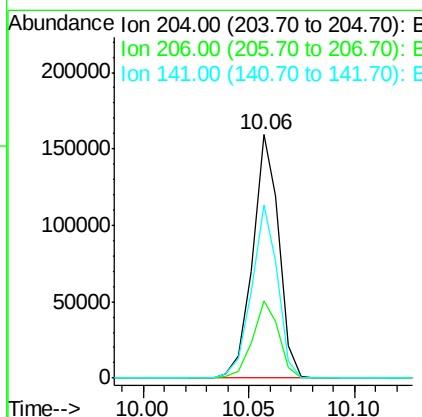
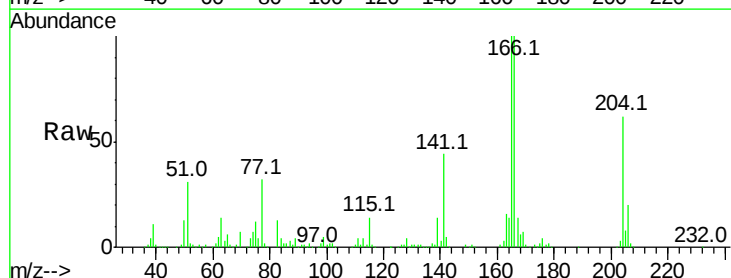
Instrument :
BNA_F
ClientSampleId :
PB101003BS

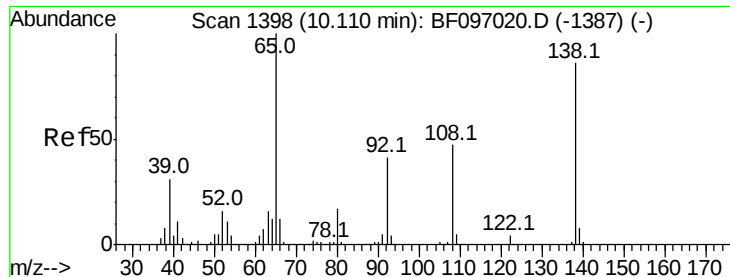
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.7	25.1
150	12.3	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.943 ng
RT: 10.06 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.2	39.2
141	71.4	60.8	91.2

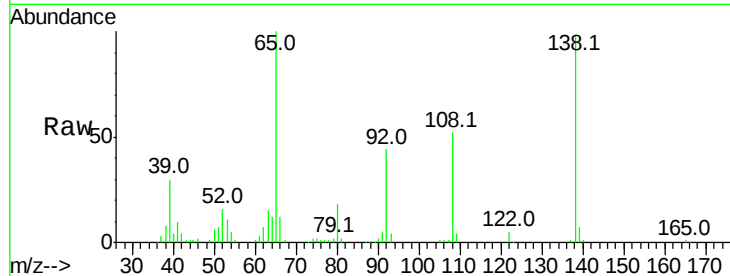




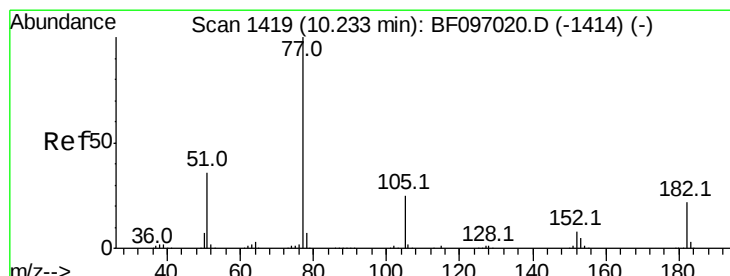
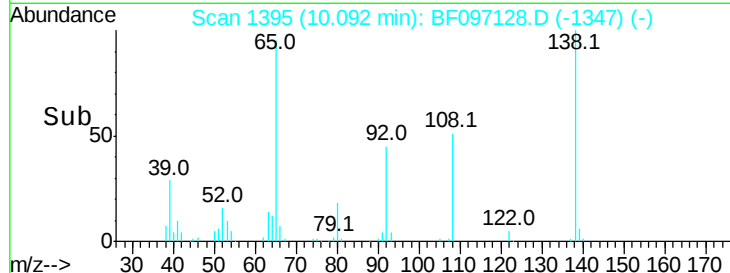
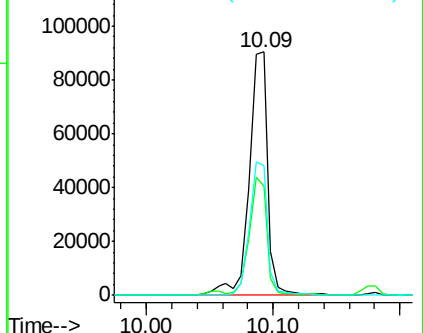
#61
4-Nitroaniline
Concen: 36.895 ng
RT: 10.09 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Tot Ion:138 Resp: 92979
Ion Ratio Lower Upper
138 100
92 45.0 21.8 61.8
108 53.1 42.3 82.3

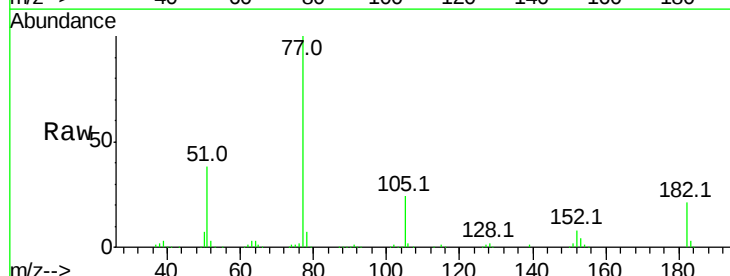


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

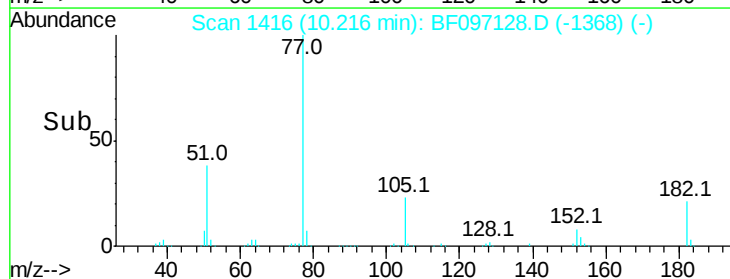
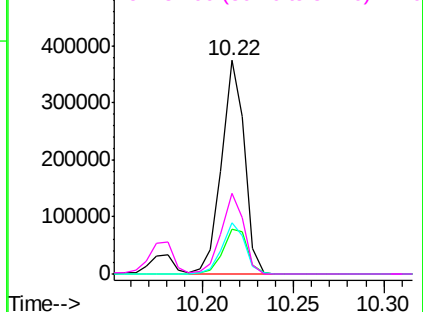


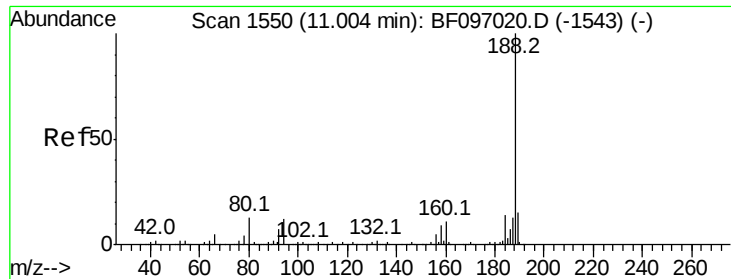
#62
Azobenzene
Concen: 38.450 ng
RT: 10.22 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Tgt Ion: 77 Resp: 329685
Ion Ratio Lower Upper
77 100
182 20.9 0.1 40.1
105 23.9 3.6 43.6
51 37.9 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

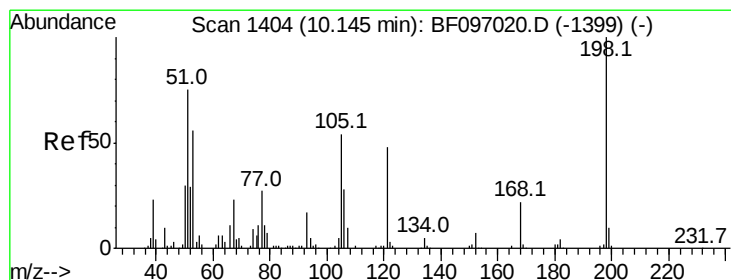
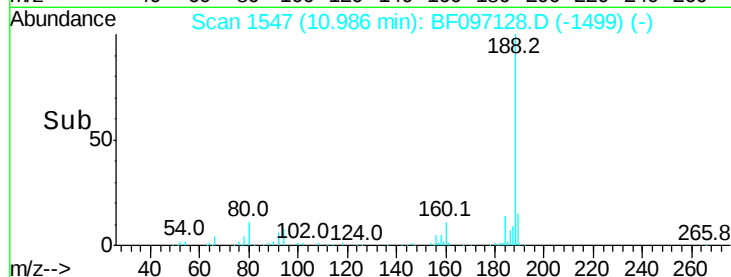
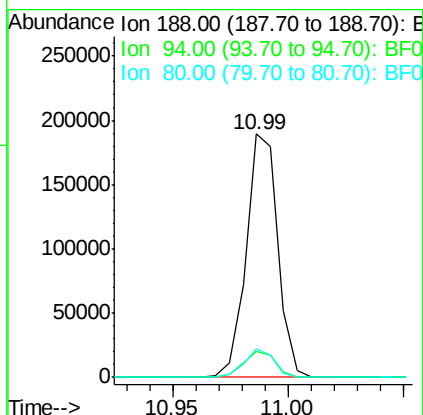
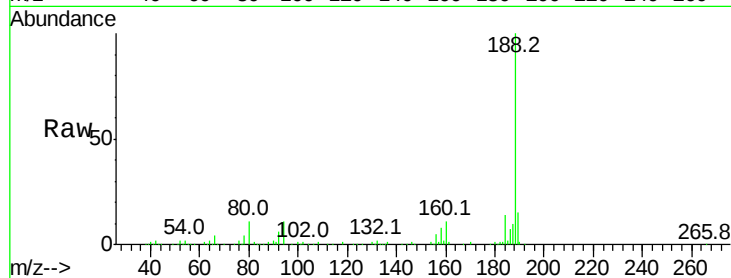




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

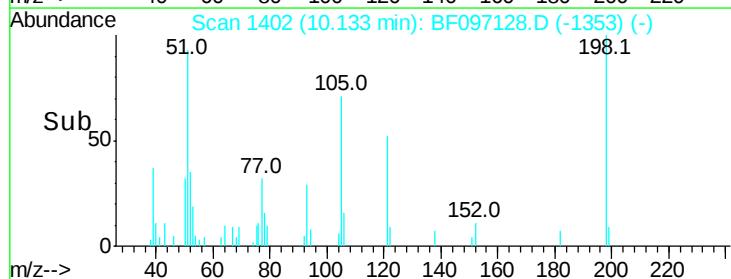
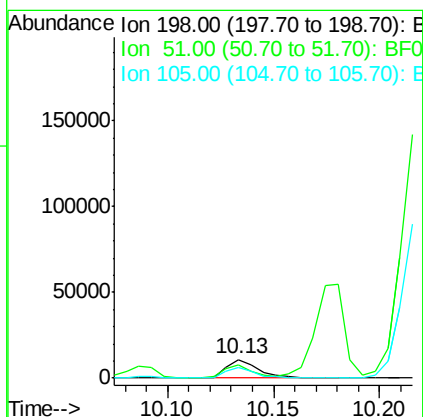
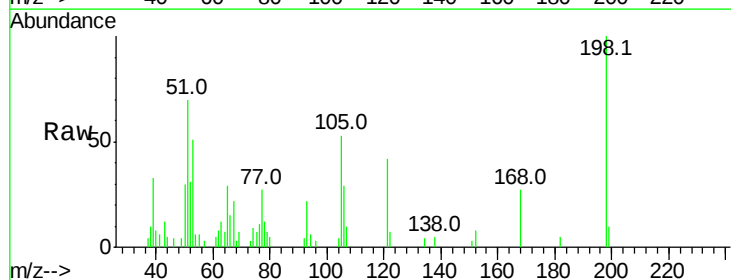
Instrument :
BNA_F
ClientSampleId :
PB101003BS

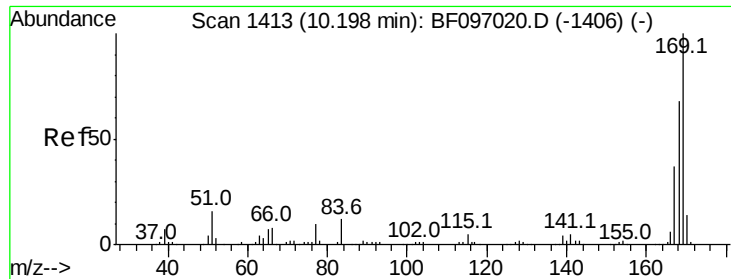
Tot Ion:188 Resp: 180714
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 10.037 ng
RT: 10.13 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Tgt Ion:198 Resp: 11271
Ion Ratio Lower Upper
198 100
51 69.5 53.2 93.2
105 53.1 45.8 85.8



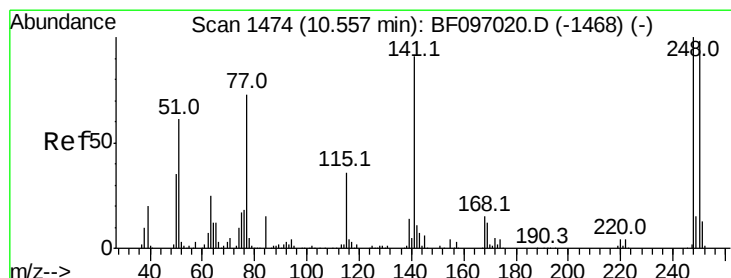
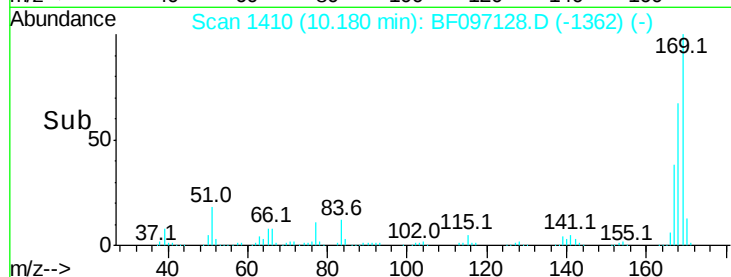
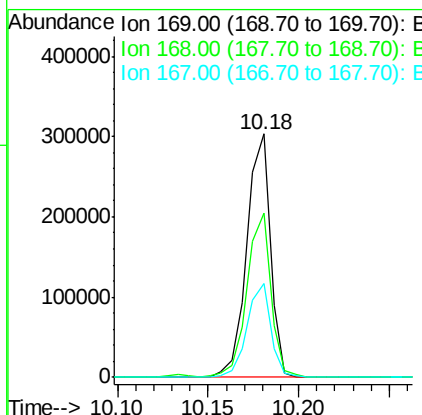
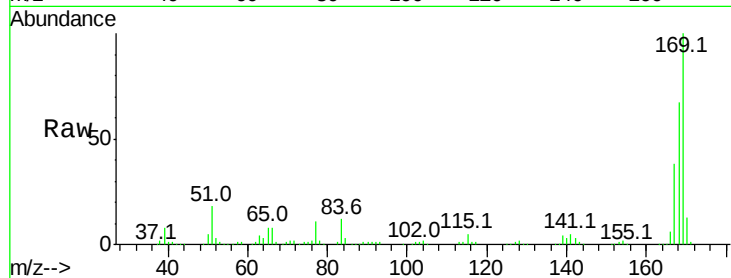


#65
 n-Nitrosodiphenylamine
 Concen: 43.765 ng
 RT: 10.18 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

Tot Ion:169 Resp: 275185

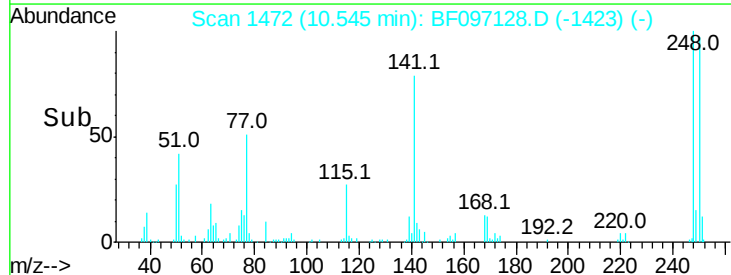
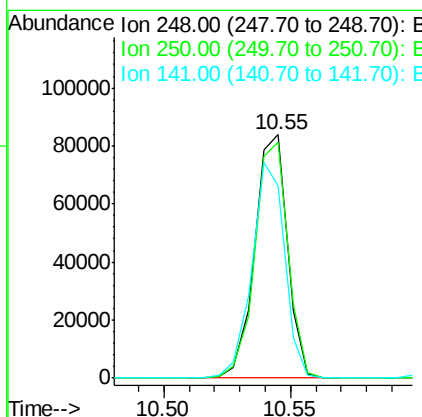
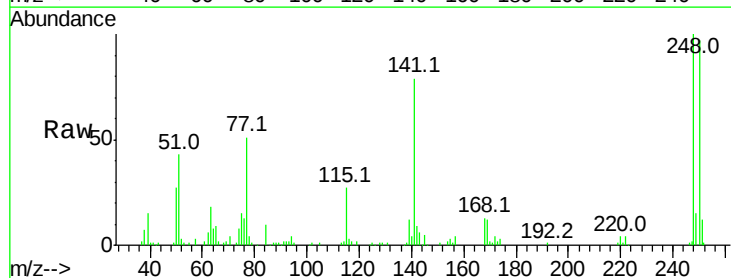
Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.2	79.8
167	38.3	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 42.101 ng
 RT: 10.55 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

Tgt Ion:248 Resp: 75928

Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.8	115.2
141	79.2	68.6	103.0





#67

Hexachlorobenzene

Concen: 37.235 ng

RT: 10.61 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB101003BS

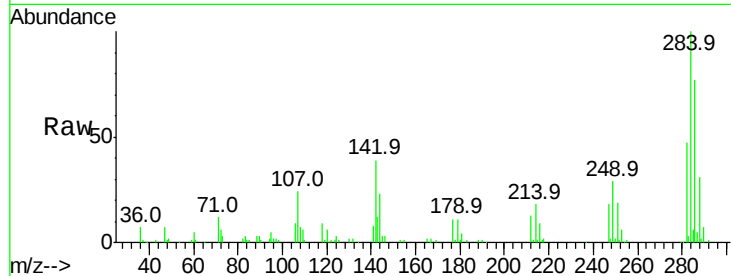
Tot Ion:284 Resp: 75305

Ion Ratio Lower Upper

284 100

142 38.8 22.8 34.2#

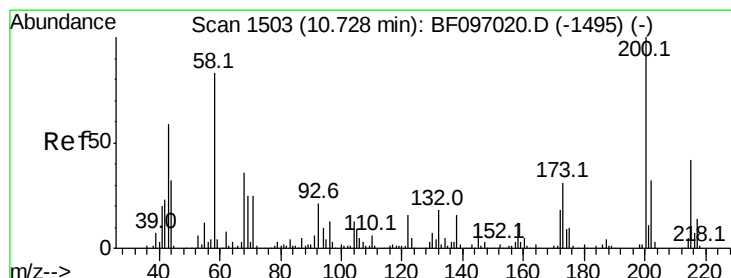
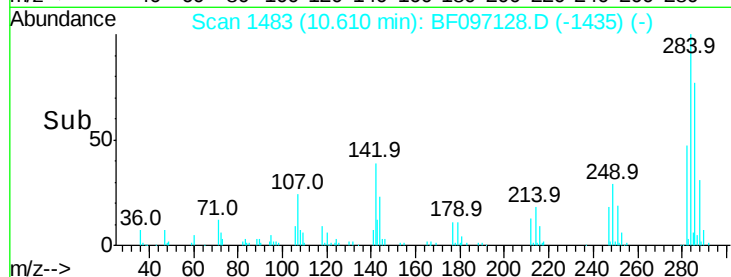
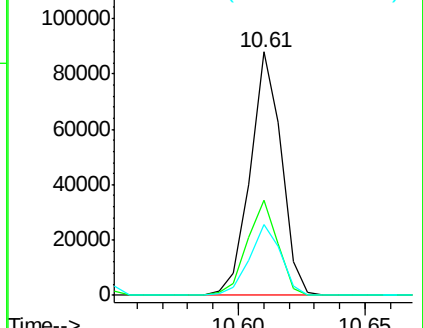
249 29.2 24.0 36.0



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: 42.104 ng

RT: 10.71 min Scan# 1500

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

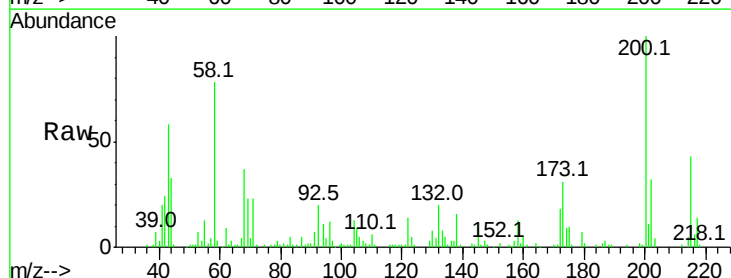
Tgt Ion:200 Resp: 75915

Ion Ratio Lower Upper

200 100

173 30.7 6.3 46.3

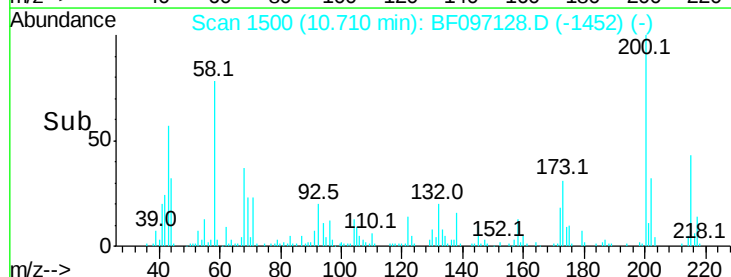
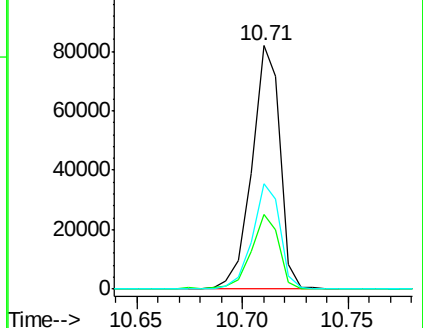
215 43.3 27.2 67.2

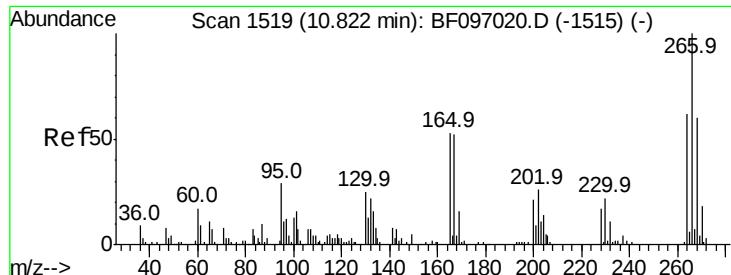


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

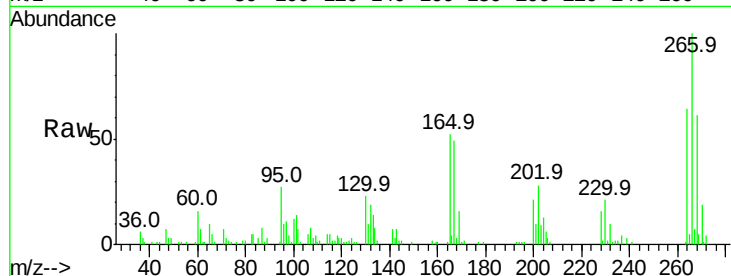




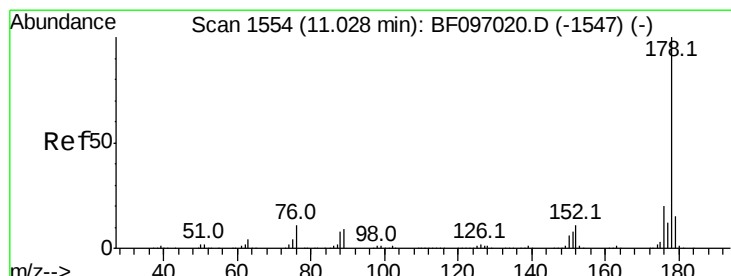
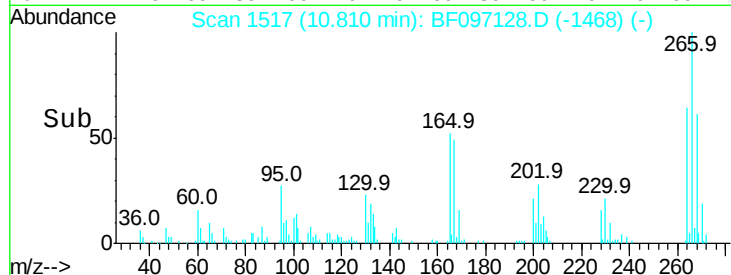
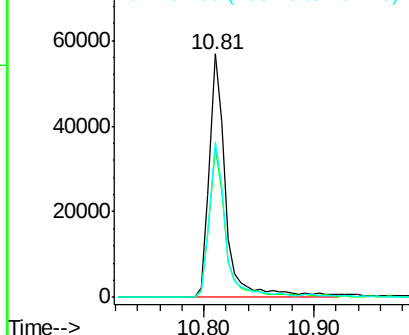
#69
 Pentachlorophenol
 Concen: 69.119 ng
 RT: 10.81 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

Tot Ion:266 Resp: 57838
 Ion Ratio Lower Upper
 266 100
 268 60.9 51.1 76.7
 264 63.7 51.7 77.5

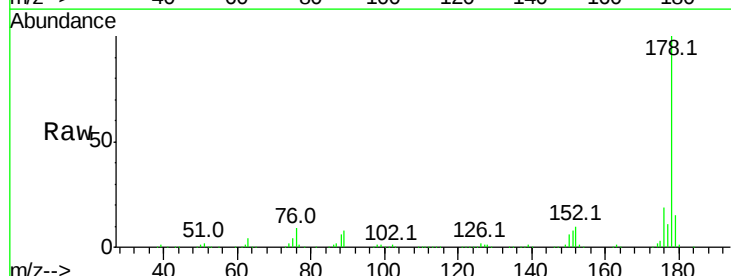


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

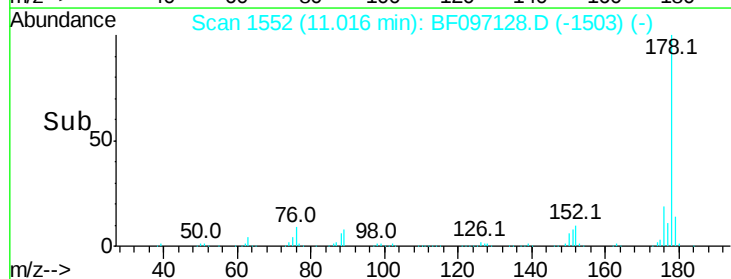
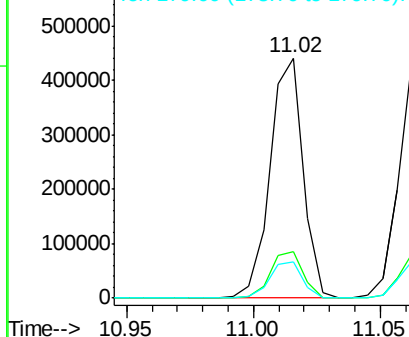


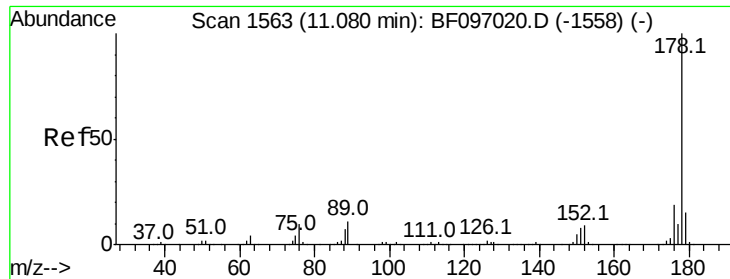
#70
 Phenanthrene
 Concen: 41.732 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

Tgt Ion:178 Resp: 404083
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.2 24.4
 179 15.2 12.6 19.0



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

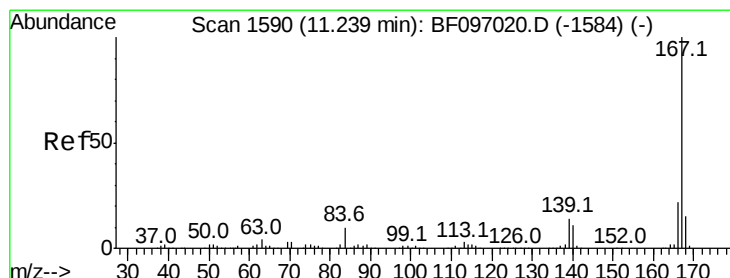
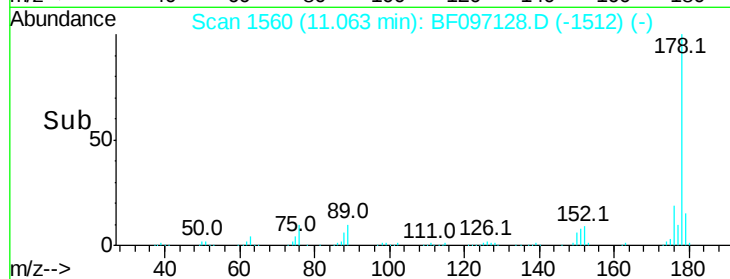
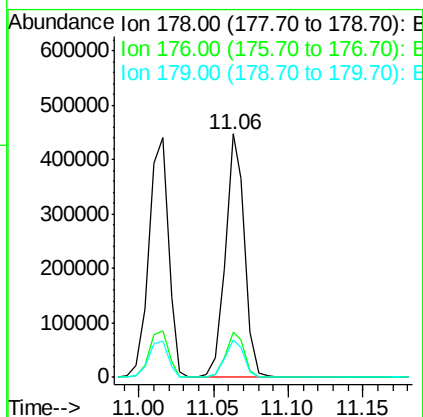
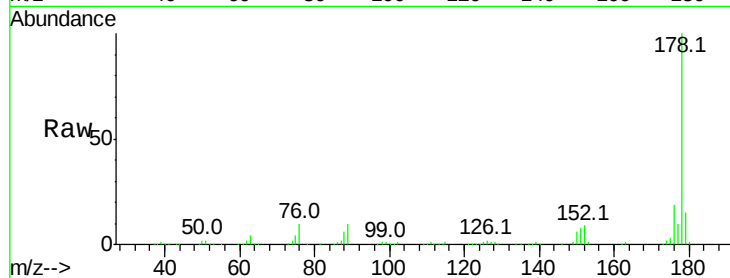




#71
 Anthracene
 Concen: 41.004 ng
 RT: 11.06 min Scan# 1560
 Delta R.T. -0.02 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

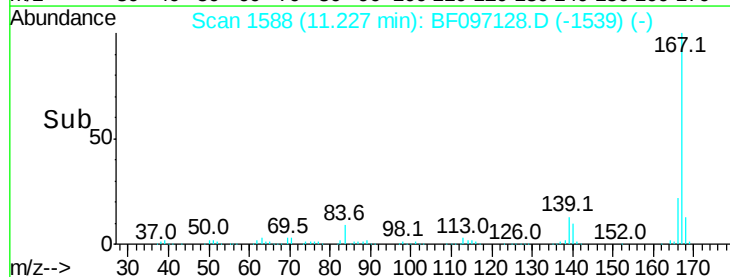
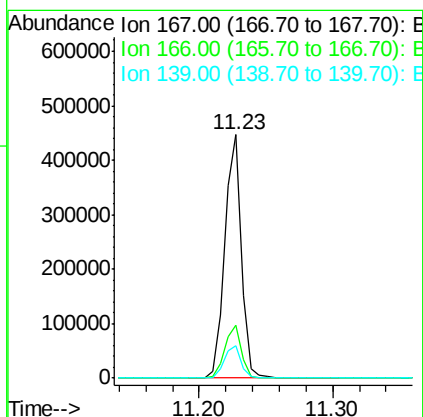
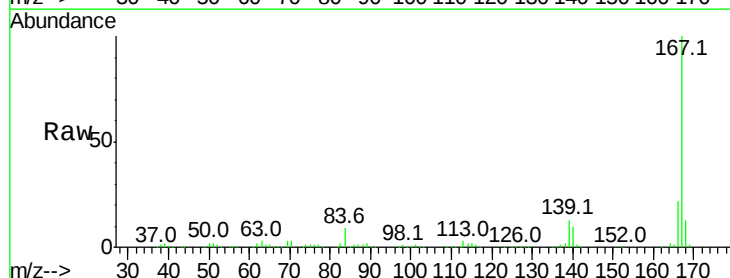
Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

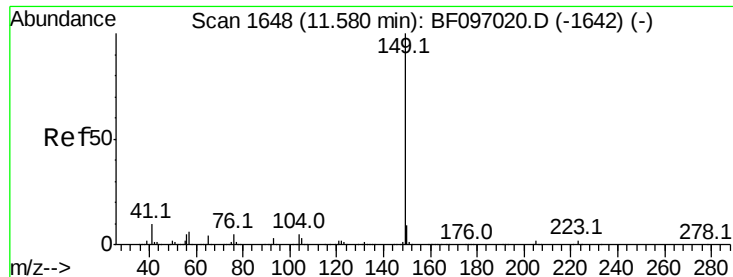
Tot Ion:178 Resp: 406644
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 40.145 ng
 RT: 11.23 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

Tgt Ion:167 Resp: 391550
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.1 27.1
 139 13.3 11.7 17.5





#73

Di-n-butylphthalate

Concen: 46.069 ng

RT: 11.57 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB101003BS

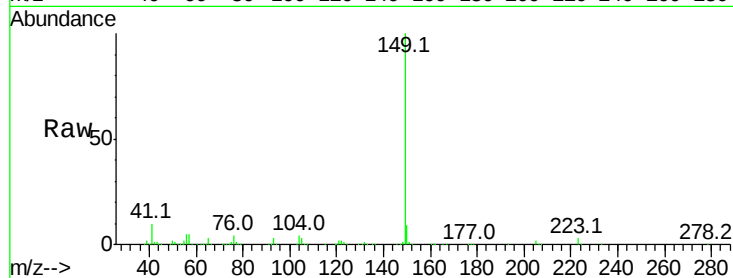
Tot Ion:149 Resp: 555419

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

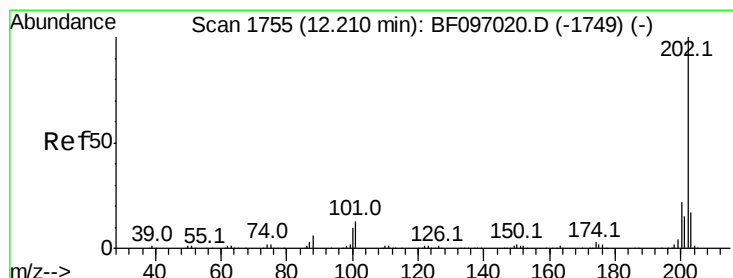
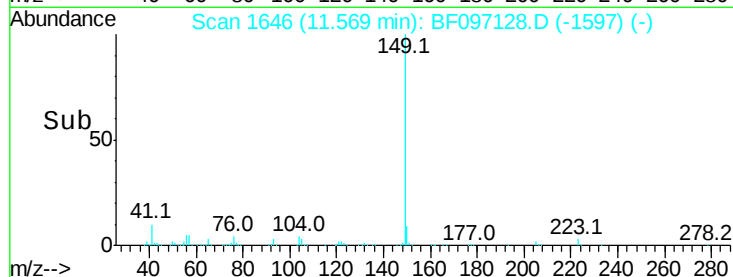
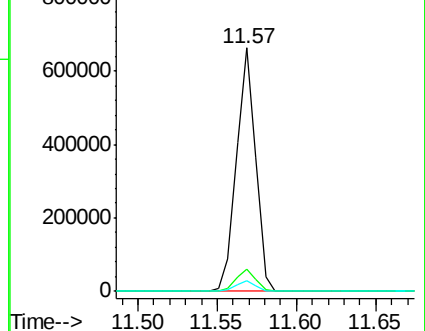
104 4.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.343 ng

RT: 12.19 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

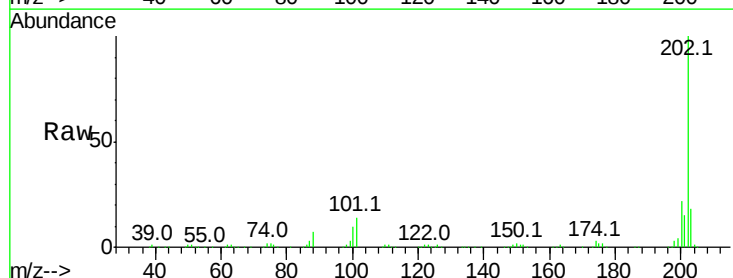
Tgt Ion:202 Resp: 401651

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.2

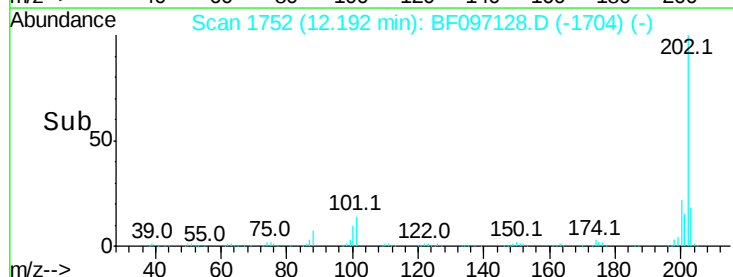
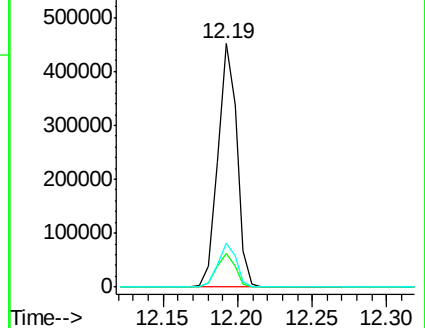
203 18.0 0.0 38.1

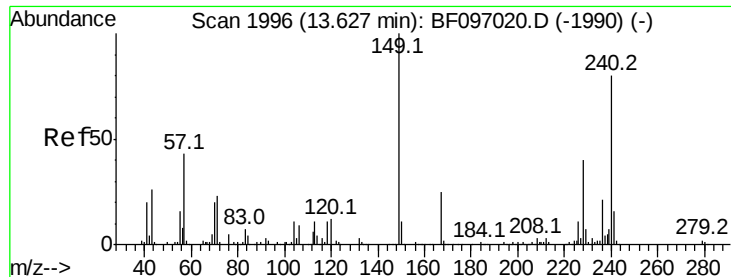


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.62 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB101003BS

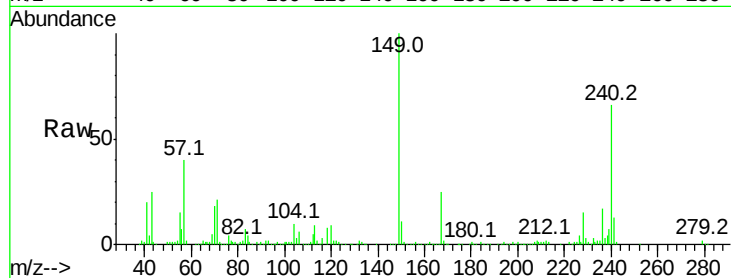
Tot Ion:240 Resp: 136130

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

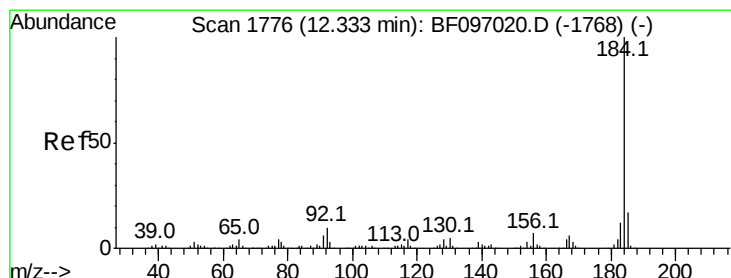
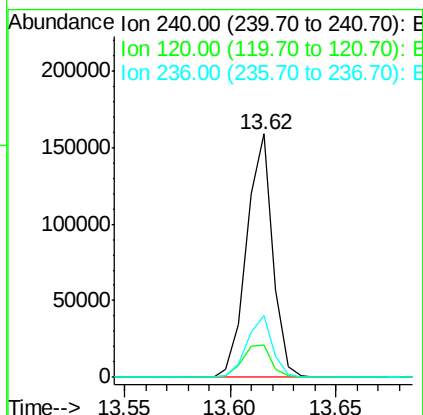
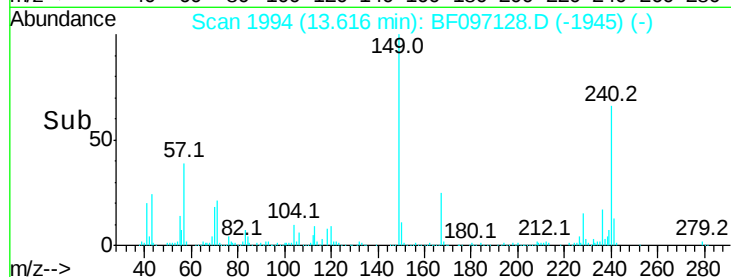
236 25.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.727 ng

RT: 12.32 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

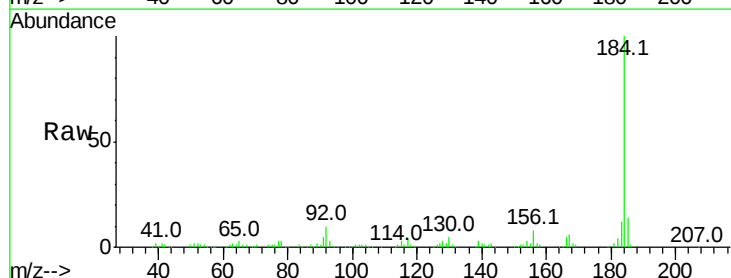
Tgt Ion:184 Resp: 175411

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

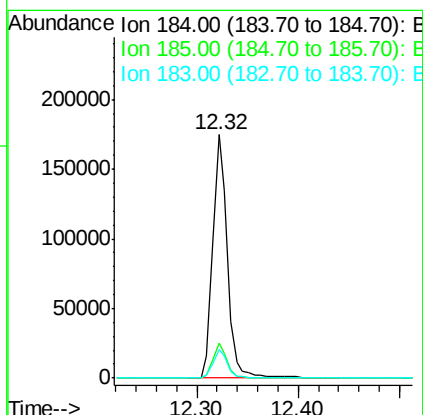
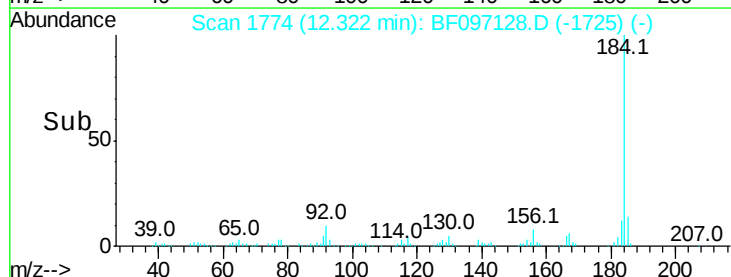
183 11.5 9.8 14.6

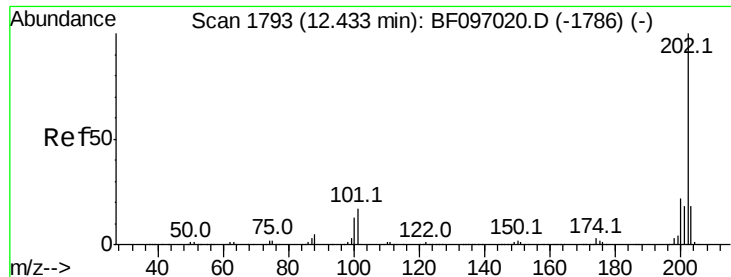


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

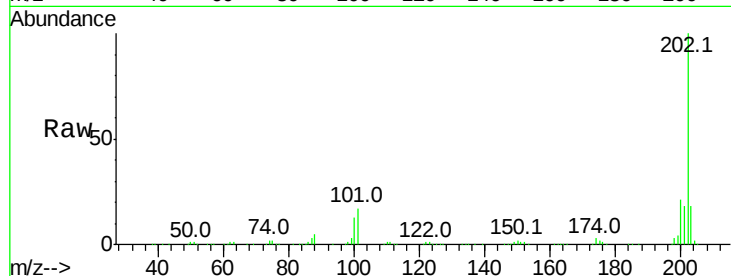




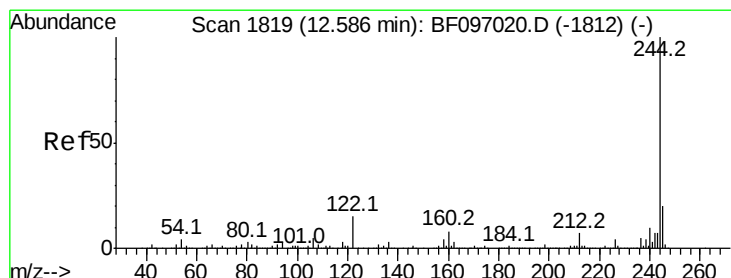
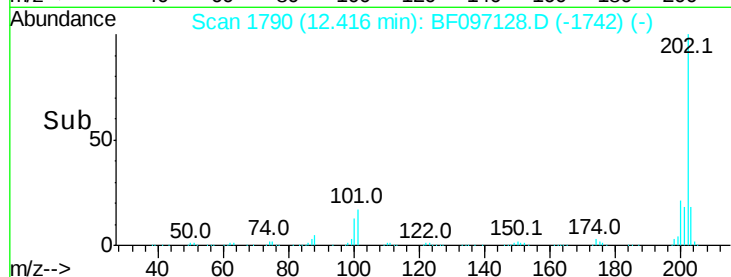
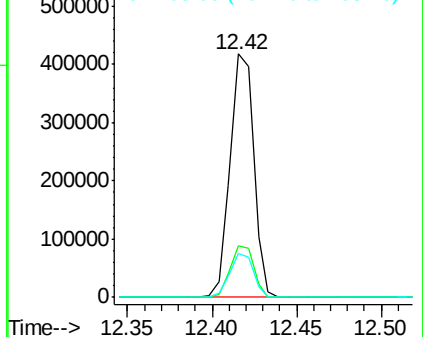
#77
Pvrene
Concen: 36.529 ng
RT: 12.42 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB101003BS

Tot Ion:202 Resp: 407095
Ion Ratio Lower Upper
202 100
200 21.2 17.6 26.4
203 17.8 14.4 21.6

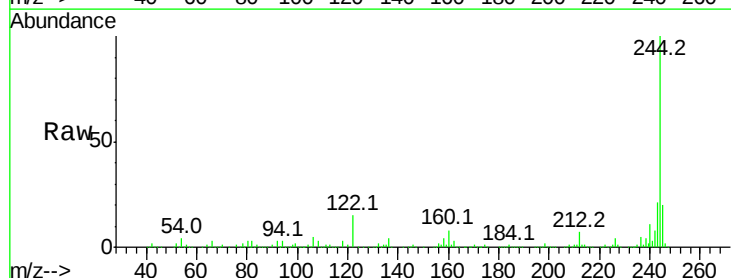


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

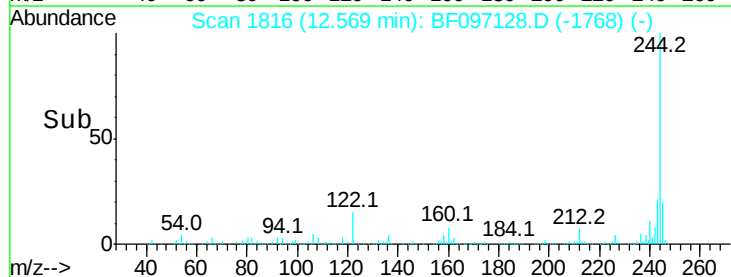
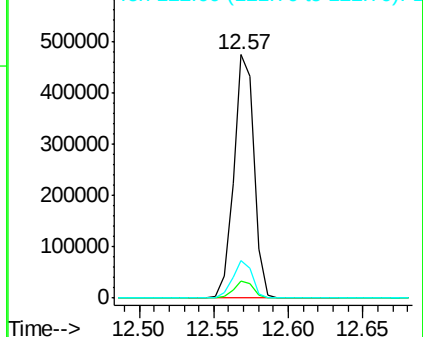


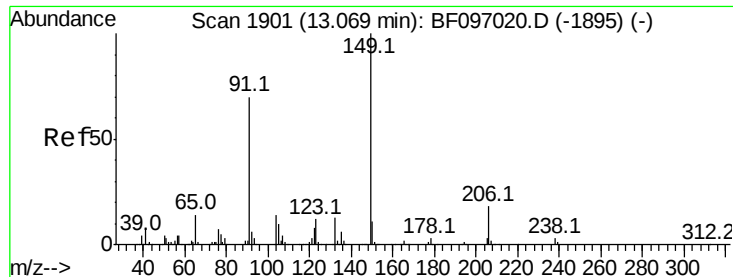
#78
Terphenyl-d14
Concen: 67.640 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Tgt Ion:244 Resp: 451621
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 15.4 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

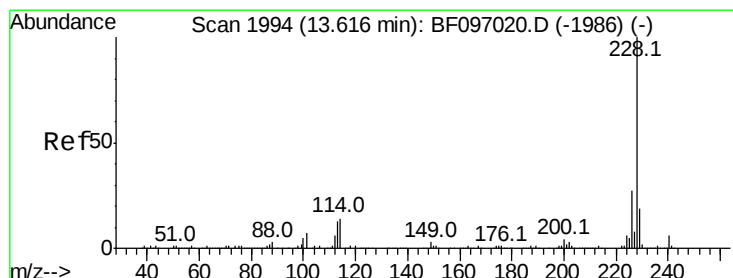
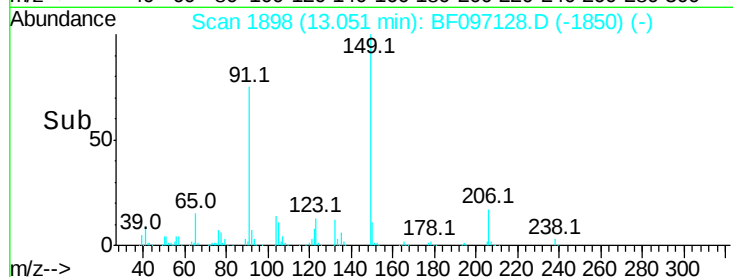
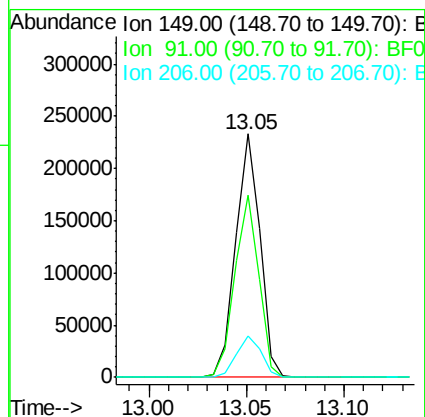
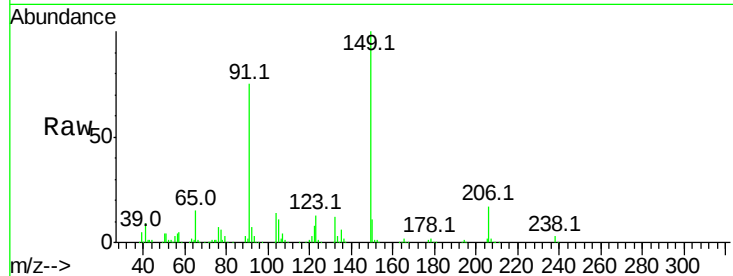




#79
Butylbenzylphthalate
Concen: 35.576 ng
RT: 13.05 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

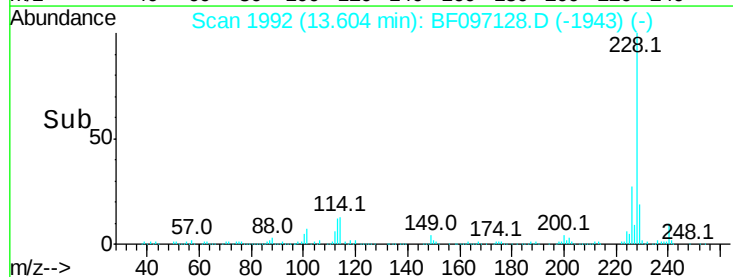
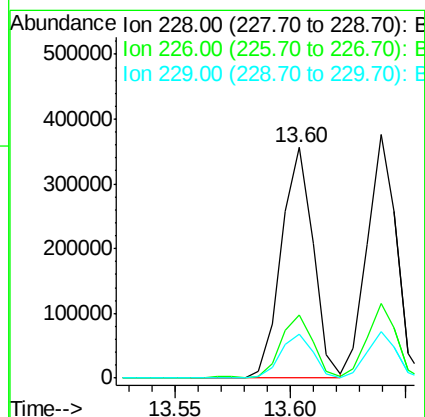
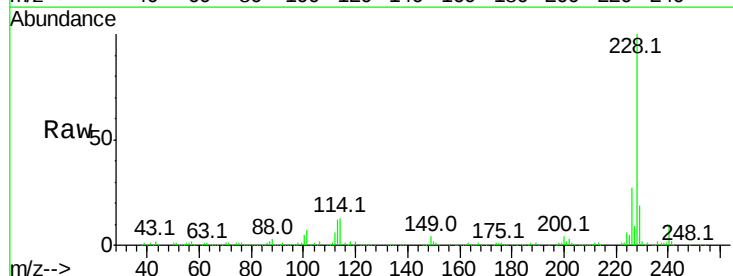
Instrument :
BNA_F
ClientSampleId :
PB101003BS

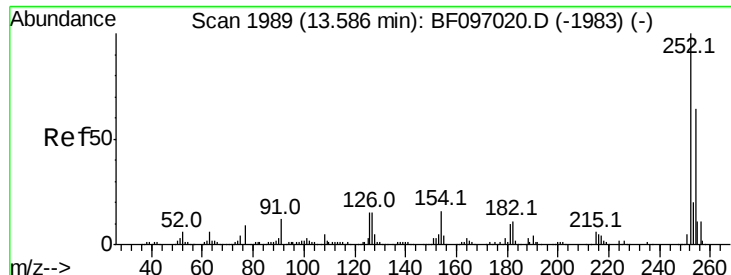
Tot Ion:149 Resp: 201680
Ion Ratio Lower Upper
149 100
91 74.6 45.0 67.4#
206 17.0 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 38.472 ng
RT: 13.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Tgt Ion:228 Resp: 338871
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.3 16.3 24.5

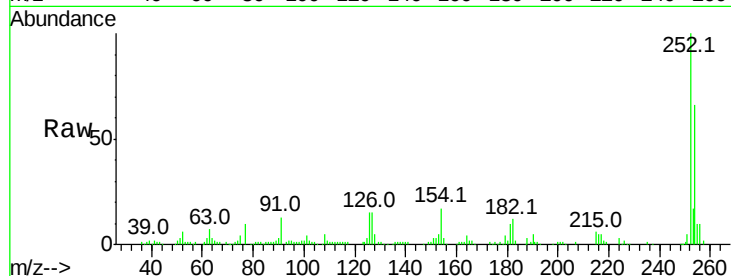




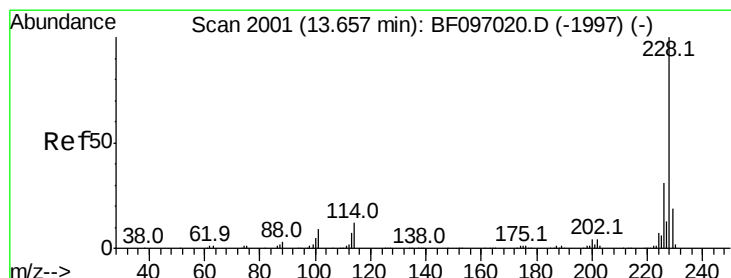
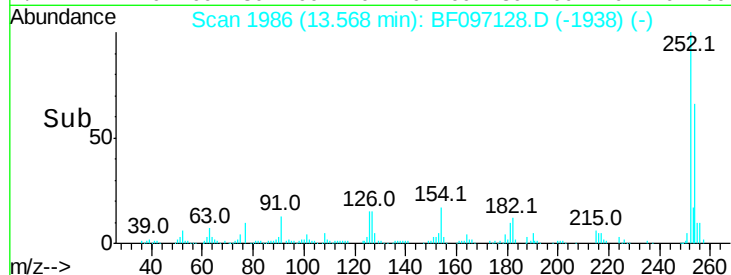
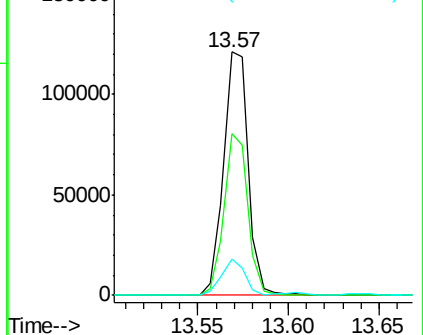
#81
 3,3'-Dichlorobenzidine
 Concen: 34.744 ng
 RT: 13.57 min Scan# 1986
 Delta R.T. -0.02 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BS

Tot Ion:252 Resp: 115406
 Ion Ratio Lower Upper
 252 100
 254 66.3 51.5 77.3
 126 14.9 15.8 23.8#

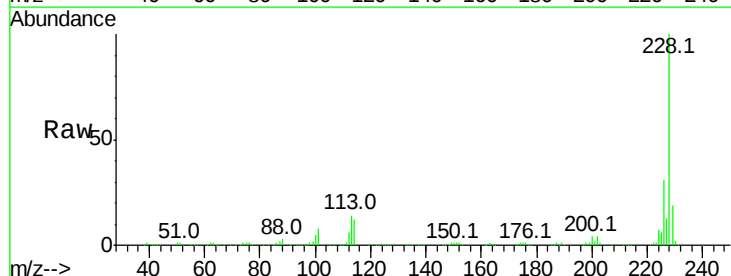


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

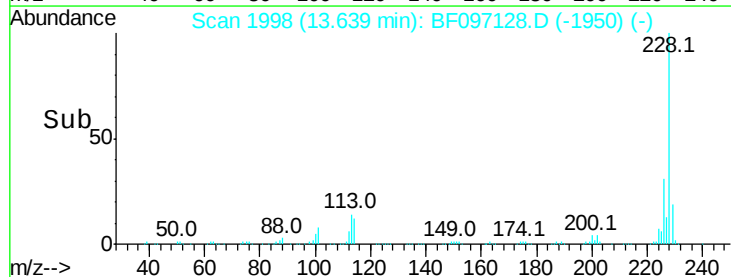
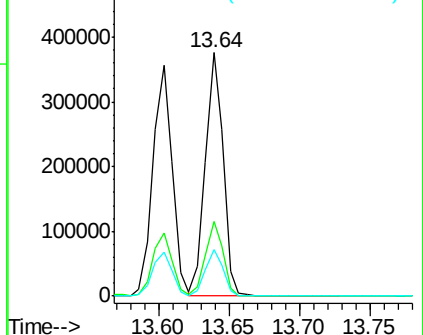


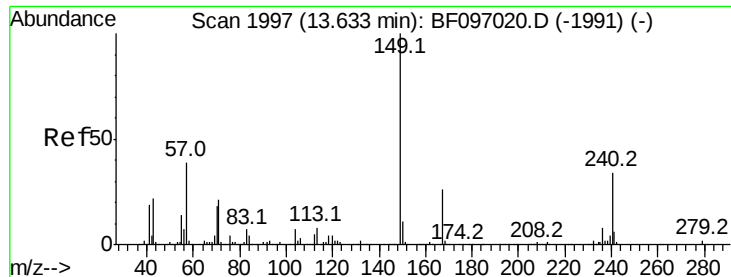
#82
 Chrysene
 Concen: 38.557 ng
 RT: 13.64 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

Tgt Ion:228 Resp: 331627
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.9 37.3
 229 19.0 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: 34.683 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB101003BS

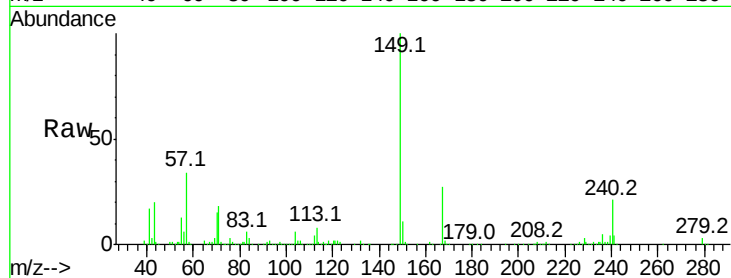
Tot Ion:149 Resp: 256715

Ion Ratio Lower Upper

149 100

167 27.2 21.0 31.4

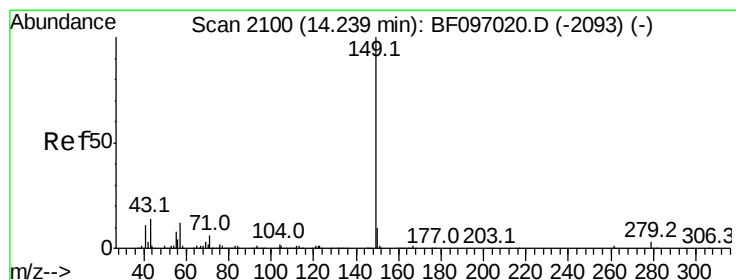
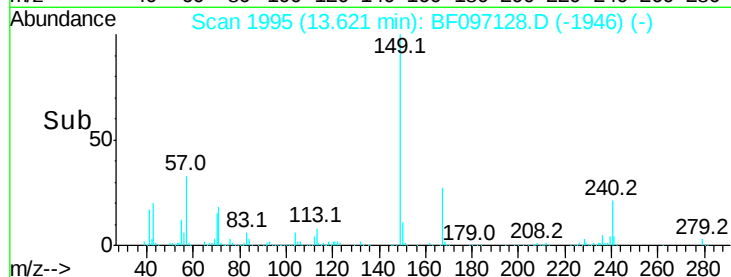
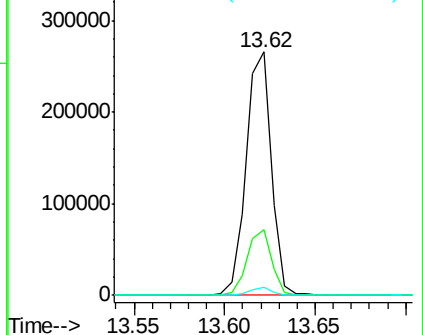
279 3.1 1.9 2.9#



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: 36.980 ng

RT: 14.23 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

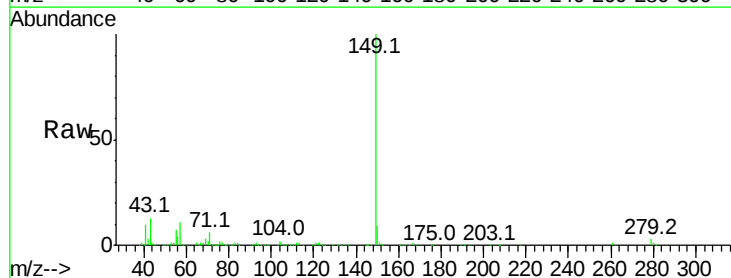
Tgt Ion:149 Resp: 502304

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

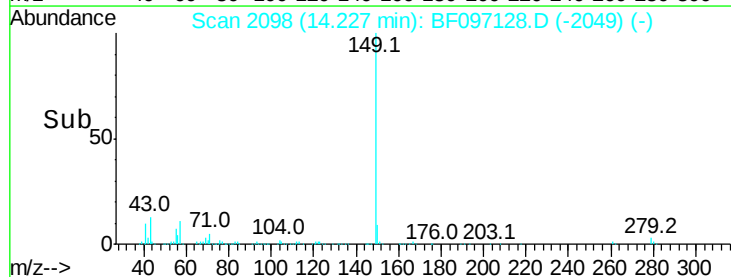
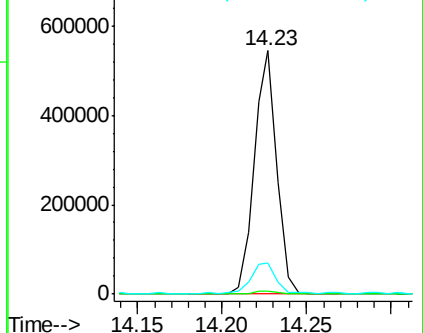
43 13.6 8.5 12.7#

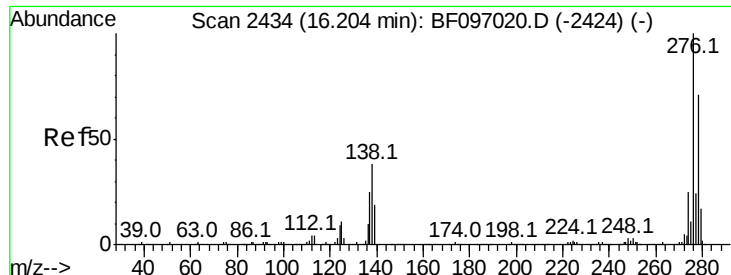


Abundance Ion 149.00 (148.70 to 149.70): E

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: 36.264 ng

RT: 16.19 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB101003BS

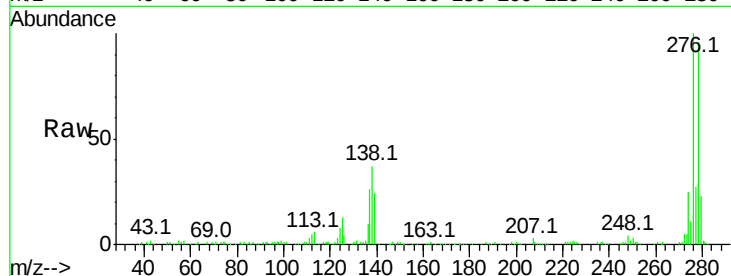
Tot Ion:276 Resp: 267452

Ion Ratio Lower Upper

276 100

138 36.8 27.8 41.6

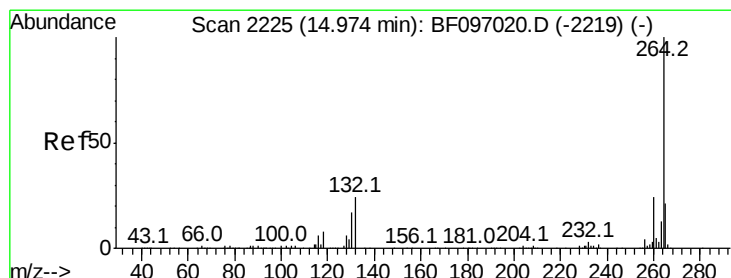
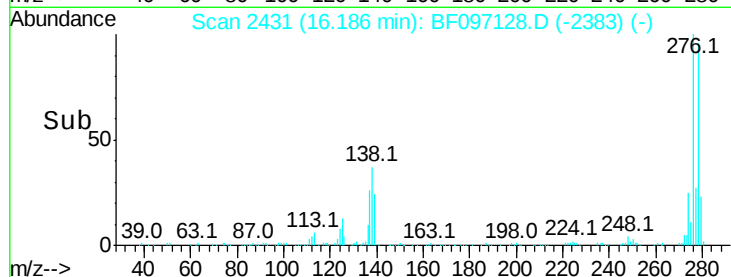
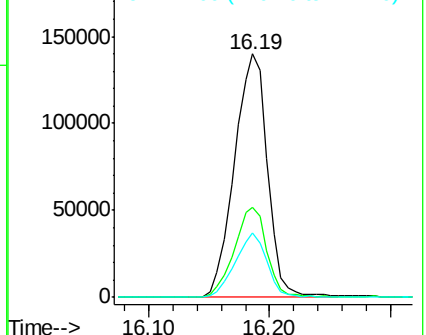
277 25.6 20.2 30.4



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: 20.000 ng

RT: 14.96 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

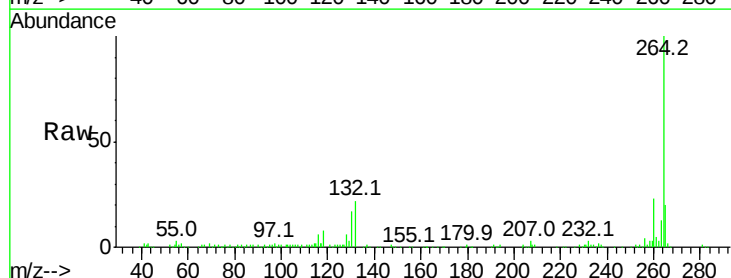
Tgt Ion:264 Resp: 147297

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

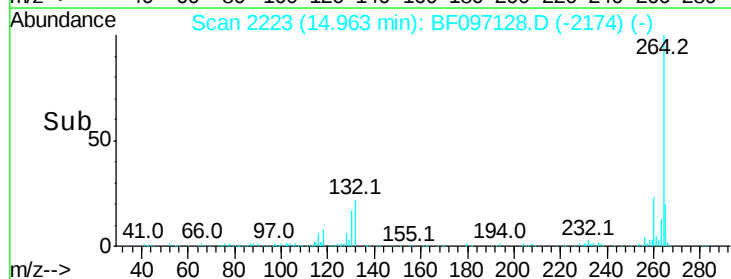
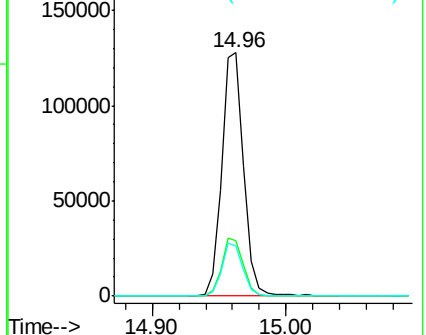
265 20.5 17.2 25.8

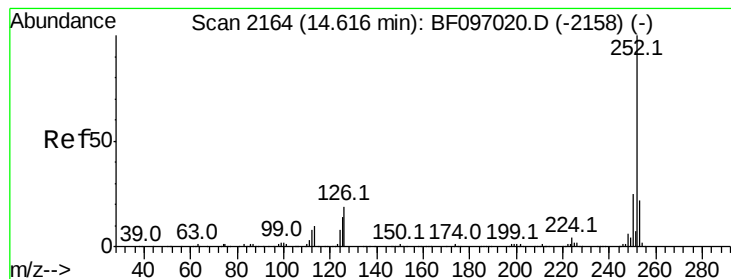


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.658 ng

RT: 14.60 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB101003BS

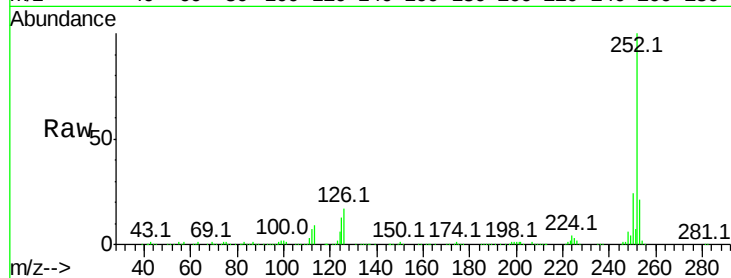
Tot Ion:252 Resp: 333433

Ion Ratio Lower Upper

252 100

253 20.8 18.1 27.1

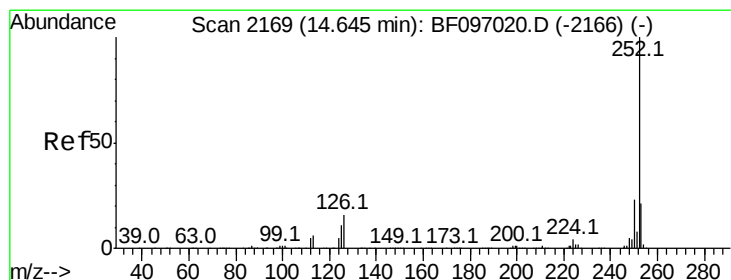
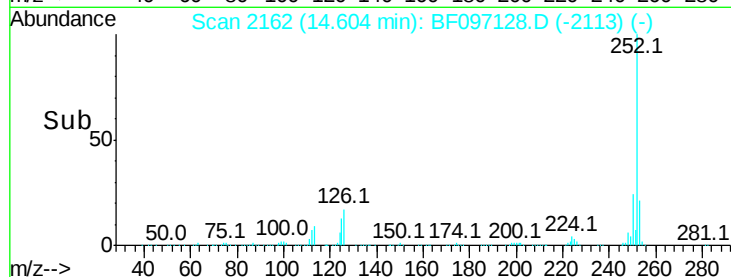
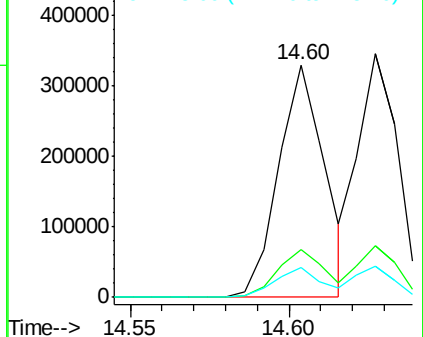
125 12.8 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.087 ng

RT: 14.63 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

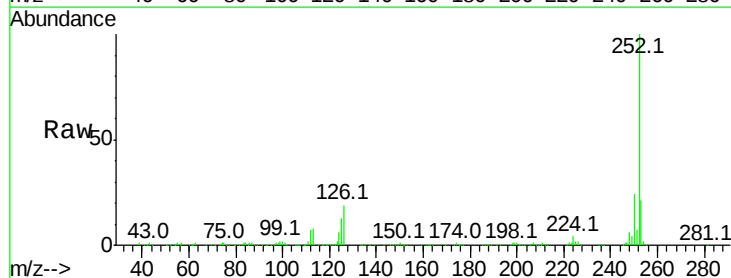
Tgt Ion:252 Resp: 304478

Ion Ratio Lower Upper

252 100

253 21.1 18.4 27.6

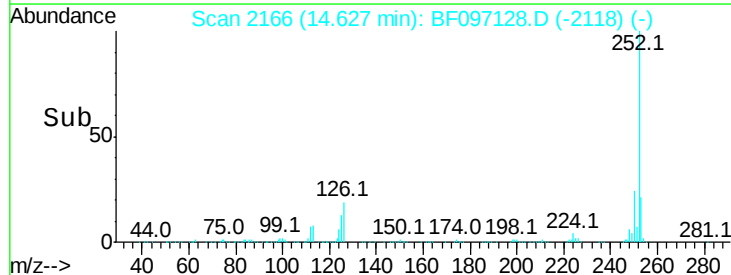
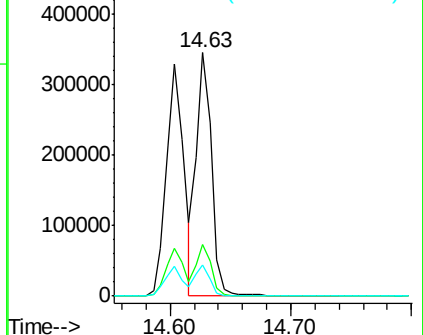
125 12.8 13.1 19.7#

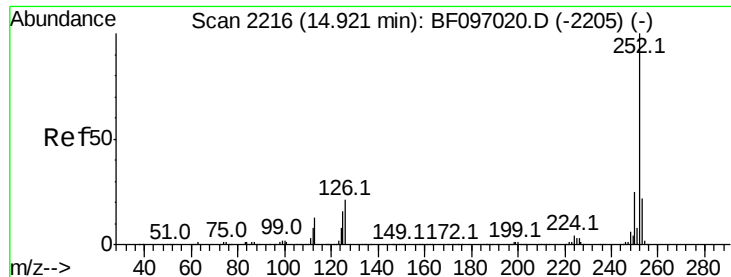


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.565 ng

RT: 14.91 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB101003BS

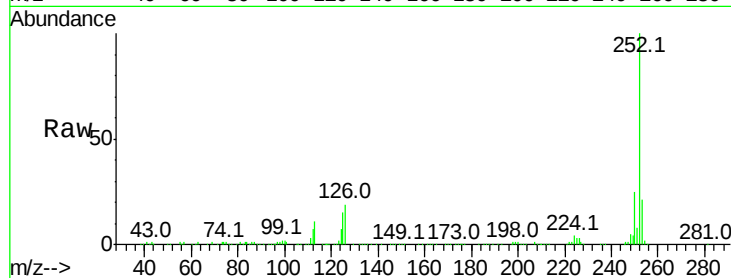
Tot Ion:252 Resp: 304417

Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

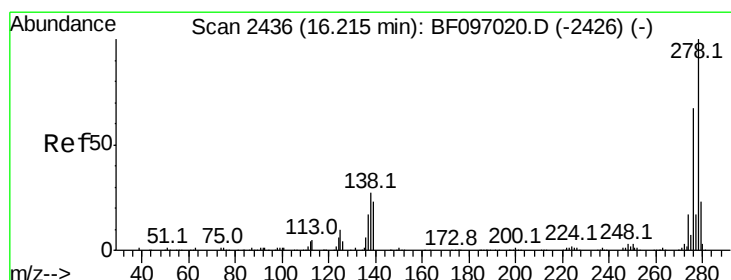
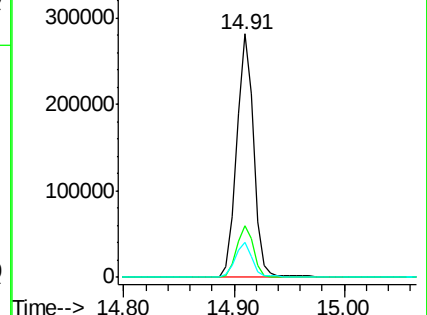
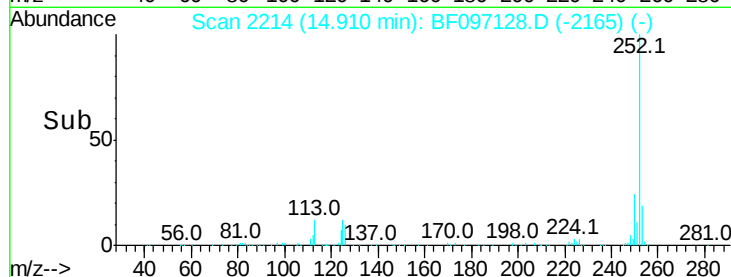
125 14.6 11.0 16.4



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: 34.980 ng

RT: 16.19 min Scan# 2432

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

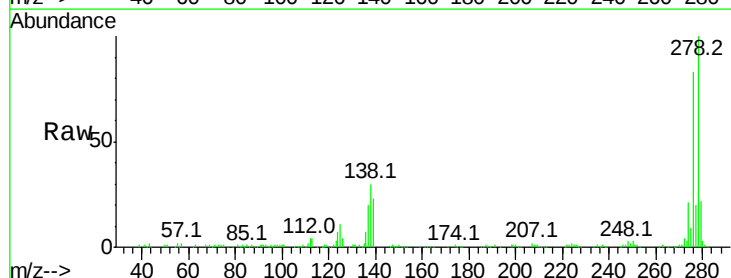
Tgt Ion:278 Resp: 232459

Ion Ratio Lower Upper

278 100

139 22.6 16.6 24.8

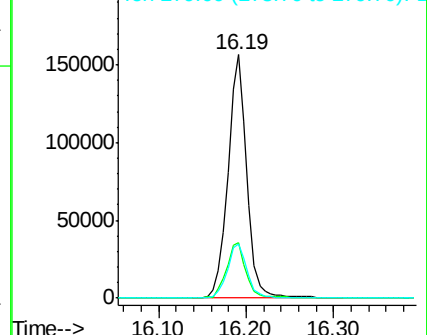
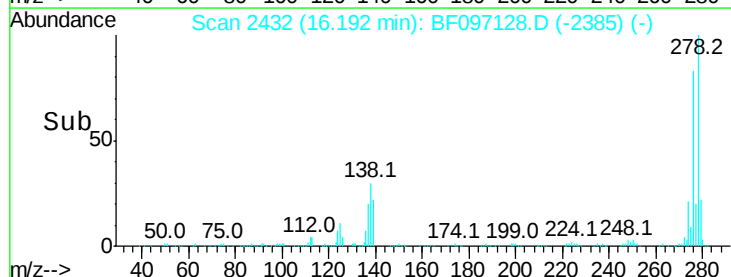
279 22.4 19.3 28.9

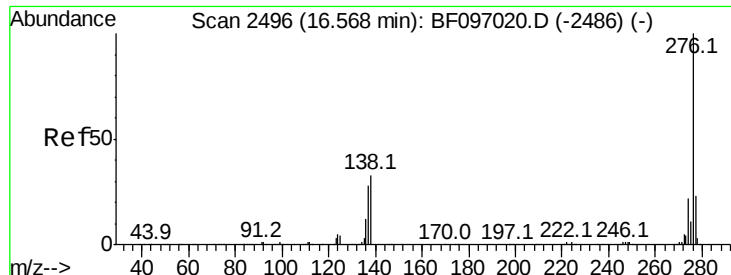


Abundance Ion 278.00 (277.70 to 278.70): E

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: 31.009 ng

RT: 16.54 min Scan# 2492

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB101003BS

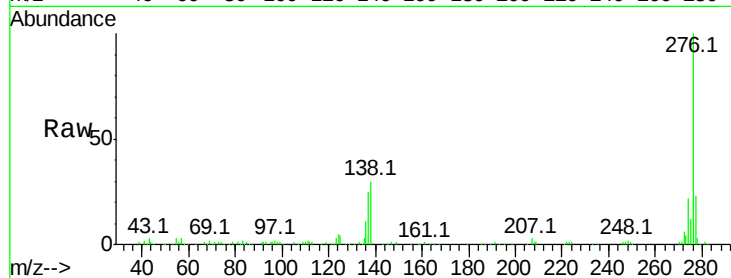
Tot Ion:276 Resp: 216099

Ion Ratio Lower Upper

276 100

277 22.9 18.6 28.0

138 30.3 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

