

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 :

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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.08	88	72482	33.18	ng	# 66
3) Pyridine	2.70	79	221729	33.14	ng	# 60
4) n-Nitrosodimethylamine	2.65	42	138371	37.33	ng	# 80
6) Aniline	6.15	93	96373	12.81	ng	# 47
8) 2-Chlorophenol	6.27	128	228106	40.75	ng	# 90
9) Benzaldehyde	6.03	77	64975	18.37	ng	# 97
10) Phenol	6.17	94	258650	36.48	ng	# 95
11) bis(2-Chloroethyl)ether	6.23	93	198729	35.44	ng	# 94
12) 1,3-Dichlorobenzene	6.43	146	218982	36.30	ng	# 100
13) 1,4-Dichlorobenzene	6.50	146	241603	40.41	ng	# 95
14) 1,2-Dichlorobenzene	6.66	146	213518	40.90	ng	# 99
15) Benzyl Alcohol	6.65	79	156851	41.45	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	6.78	45	496858	44.18	ng	# 86
17) 2-Methylphenol	6.77	107	185844	43.01	ng	# 90
18) Hexachloroethane	7.00	117	74804	34.20	ng	# 85
19) n-Nitroso-di-n-propylamine	6.92	70	163180	41.48	ng	# 83
20) 3+4-Methylphenols	6.93	107	245373	43.48	ng	# 61
22) Acetophenone	6.90	105	317668	40.29	ng	# 98
24) Nitrobenzene	7.07	77	211717	36.32	ng	# 94
25) Isophorone	7.32	82	369244	33.69	ng	# 94
26) 2-Nitrophenol	7.39	139	103965	32.97	ng	# 87
27) 2,4-Dimethylphenol	7.45	122	181344	34.86	ng	# 97
28) bis(2-Chloroethoxy)methane	7.53	93	284980	39.85	ng	# 98
29) 2,4-Dichlorophenol	7.65	162	165092	36.84	ng	# 98
30) 1,2,4-Trichlorobenzene	7.72	180	159026	37.23	ng	# 95
31) Naphthalene	7.79	128	596487	38.54	ng	# 99
32) Benzoic acid	7.58	122	88864	22.88	ng	# 90
33) 4-Chloroaniline	7.85	127	70032	11.12	ng	# 99
34) Hexachlorobutadiene	7.92	225	91263	40.30	ng	# 95
35) Caprolactam	8.22	113	58147	40.47	ng	# 62
36) 4-Chloro-3-methylphenol	8.35	107	188969	38.65	ng	# 85
37) 2-Methylnaphthalene	8.49	142	438026	44.70	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	152802	43.17	ng	# 99
40) Hexachlorocyclopentadiene	8.64	237	20347	21.67	ng	# 98

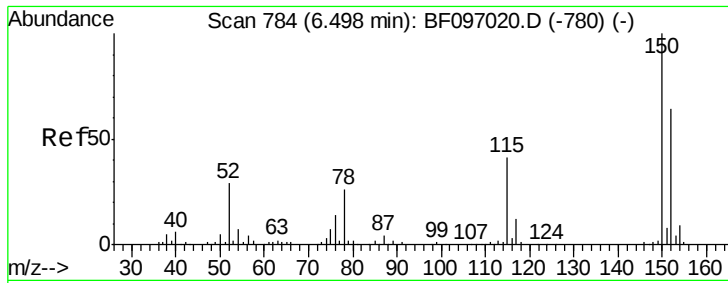
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	97033	37.83	nq	99
43) 2,4,5-Trichlorophenol	8.82	196	97108	37.82	nq	94
45) 1,1'-Biphenyl	8.95	154	424650	37.48	nq	97
46) 2-Chloronaphthalene	8.97	162	321715	38.58	nq	93
47) 2-Nitroaniline	9.07	65	118842	39.27	nq	90
48) Acenaphthylene	9.38	152	484988	37.89	nq	99
49) Dimethylphthalate	9.26	163	391045	38.82	nq	99
50) 2,6-Dinitrotoluene	9.32	165	79691	37.30	nq	# 86
51) Acenaphthene	9.55	154	279860	37.12	nq	97
52) 3-Nitroaniline	9.48	138	71961	27.13	nq	90
53) 2,4-Dinitrophenol	9.60	184	9759	10.05	nq	# 75
54) Dibenzofuran	9.72	168	424194	42.24	nq	99
55) 4-Nitrophenol	9.67	139	85615	54.28	nq	# 59
56) 2,4-Dinitrotoluene	9.72	165	91259	37.15	nq	# 61
57) Fluorene	10.06	166	311618	41.29	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.85	232	63287	35.70	nq	# 97
59) Diethylphthalate	9.95	149	363777	39.36	nq	99
60) 4-Chlorophenyl-phenylether	10.06	204	136959	43.94	nq	96
61) 4-Nitroaniline	10.09	138	92979	36.90	nq	91
62) Azobenzene	10.22	77	329685	38.45	nq	93
64) 4,6-Dinitro-2-methylphenol	10.13	198	11271	10.04	nq	90
65) n-Nitrosodiphenylamine	10.18	169	275185	43.77	nq	99
66) 4-Bromophenyl-phenylether	10.55	248	75928	42.10	nq	96
67) Hexachlorobenzene	10.61	284	75305	37.24	nq	# 90
68) Atrazine	10.71	200	75915	42.10	nq	93
69) Pentachlorophenol	10.81	266	57838	69.12	nq	98
70) Phenanthrene	11.02	178	404083	41.73	nq	98
71) Anthracene	11.06	178	406644	41.00	nq	98
72) Carbazole	11.23	167	391550	40.15	nq	97
73) Di-n-butylphthalate	11.57	149	555419	46.07	nq	99
74) Fluoranthene	12.19	202	401651	42.34	nq	99
76) Benzidine	12.32	184	175411	34.73	nq	# 92
77) Pyrene	12.42	202	407095	36.53	nq	99
79) Butylbenzylphthalate	13.05	149	201680	35.58	nq	# 79
80) Benzo(a)anthracene	13.60	228	338871	38.47	nq	98
81) 3,3'-Dichlorobenzidine	13.57	252	115406	34.74	nq	# 96
82) Chrysene	13.64	228	331627	38.56	nq	99
83) Bis(2-ethylhexyl)phthalate	13.62	149	256715	34.68	nq	# 98
84) Di-n-octyl phthalate	14.23	149	502304	36.98	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.19	276	267452	36.26	nq	98
87) Benzo(b)fluoranthene	14.60	252	333433	37.66	nq	97
88) Benzo(k)fluoranthene	14.63	252	304478	36.09	nq	# 94
89) Benzo(a)pyrene	14.91	252	304417	37.57	nq	98
90) Dibenzo(a,h)anthracene	16.19	278	232459	34.98	nq	96
91) Benzo(g,h,i)perylene	16.54	276	216099	31.01	nq	98

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

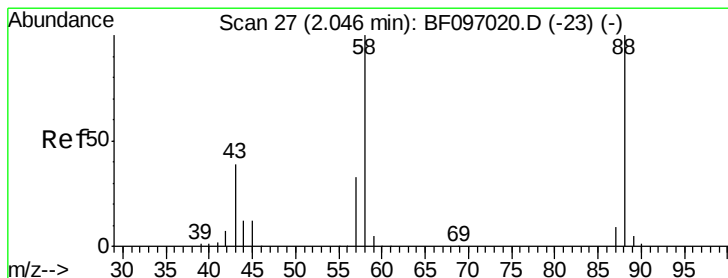
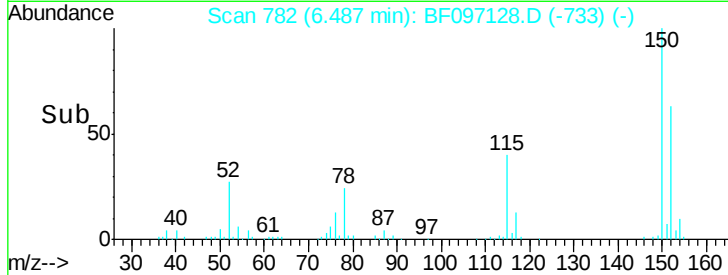
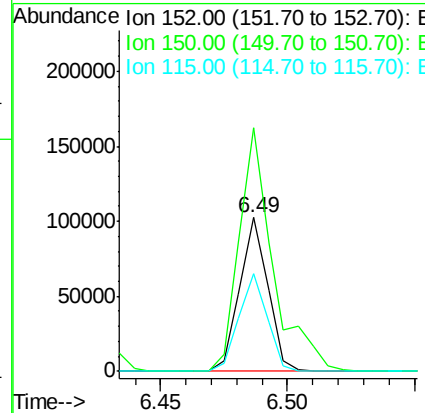
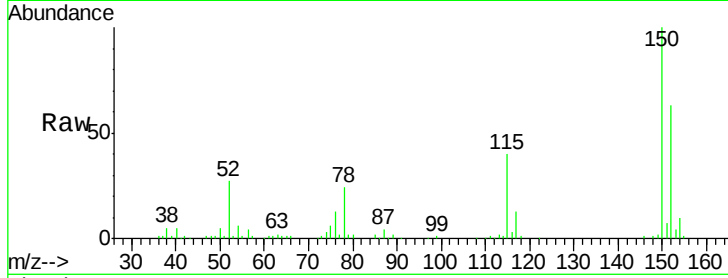


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 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 :

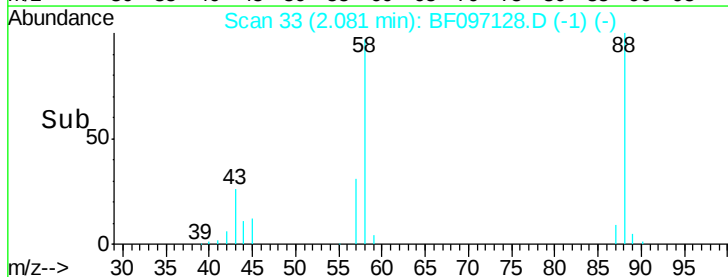
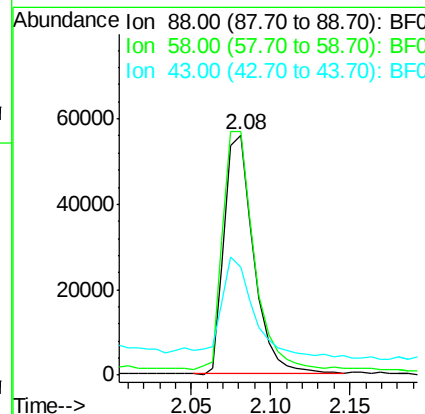
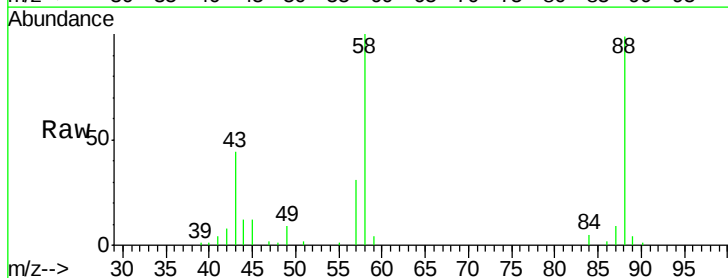
Tot Ion:152 Resp: 78923
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.2
115 63.4 52.2 78.2

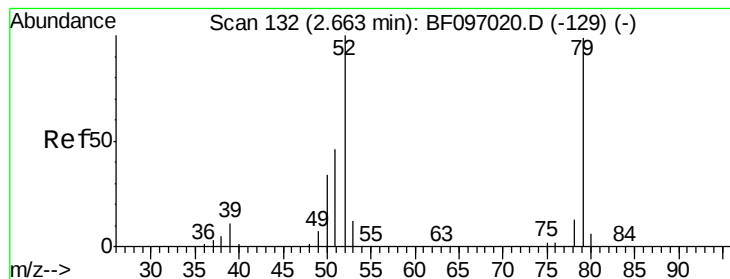


#2

1,4-Dioxane
Concen: 33.18 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#





#3

Pvridine

Concen: 33.14 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 :

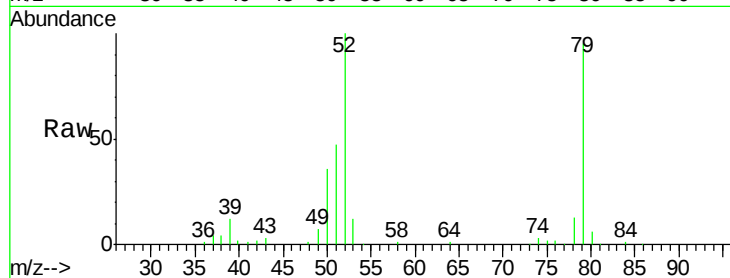
Tot Ion: 79 Resp: 221729

Ion Ratio Lower Upper

79 100

52 105.7 54.8 82.2#

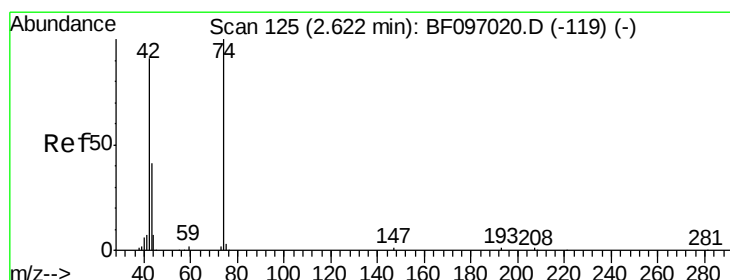
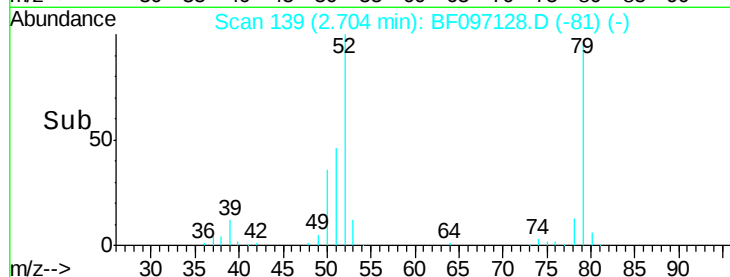
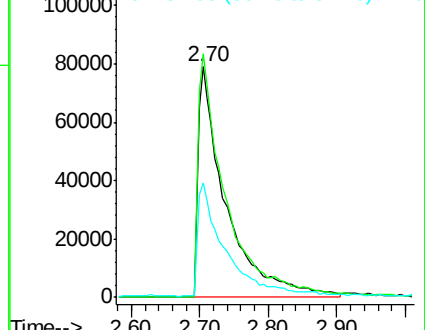
51 49.5 27.0 40.4#



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: 37.33 ng

RT: 2.65 min Scan# 129

Delta R.T. 0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

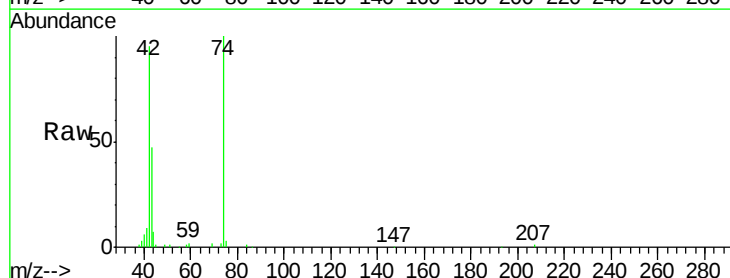
Tgt Ion: 42 Resp: 138371

Ion Ratio Lower Upper

42 100

74 104.9 103.9 155.9

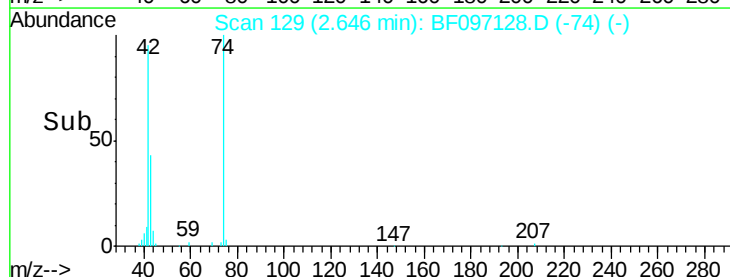
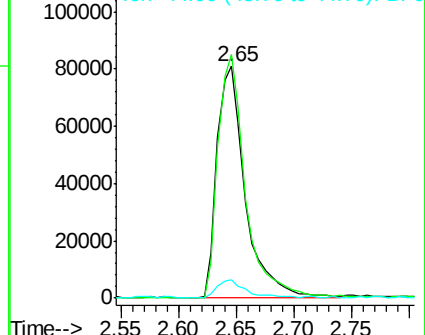
44 7.7 5.7 8.5

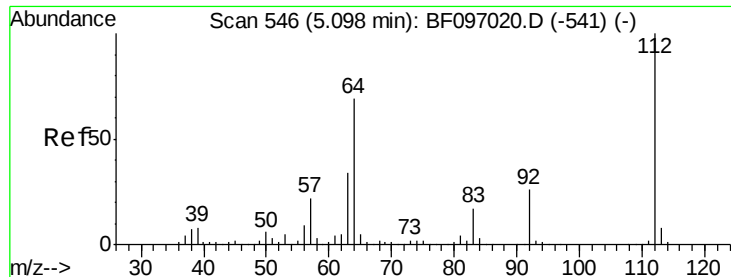


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 133.03 ng

RT: 5.10 min Scan# 546

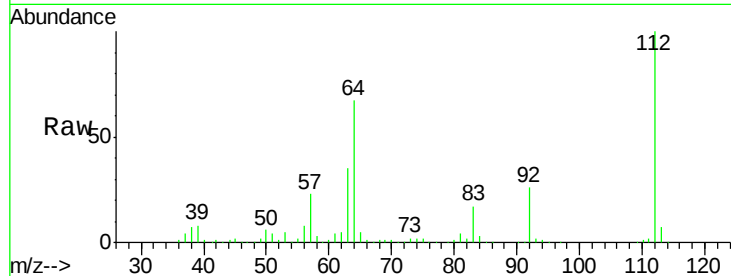
Delta R.T. 0.00 min

Lab File: BF097128.D

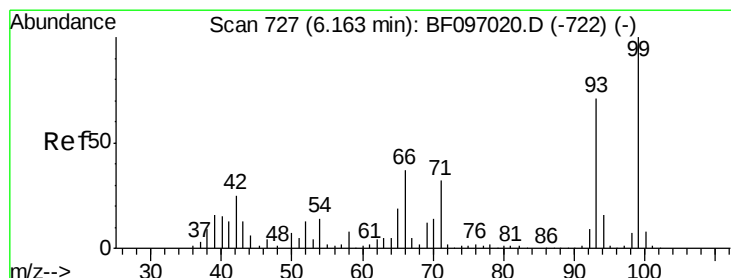
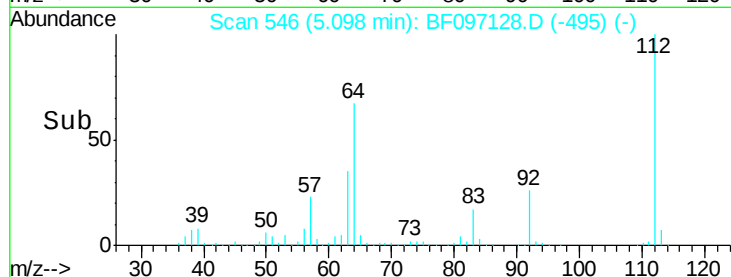
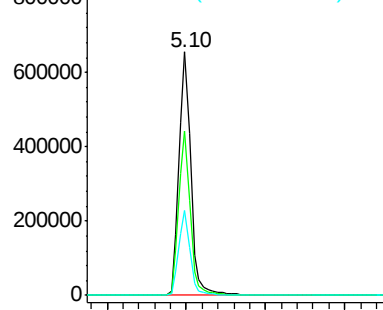
Acq: 27 Jul 2017 17:52

Instrument :
BNA_F
ClientSampleId :

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



#6

Aniline

Concen: 12.81 ng

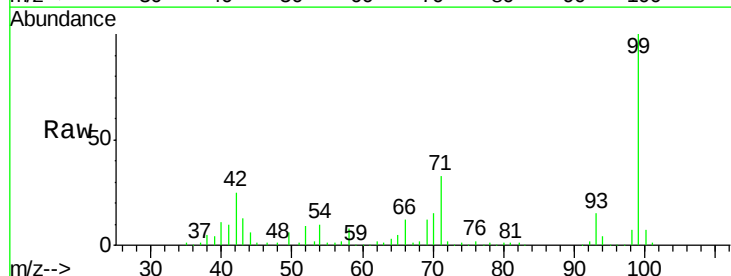
RT: 6.15 min Scan# 725

Delta R.T. -0.01 min

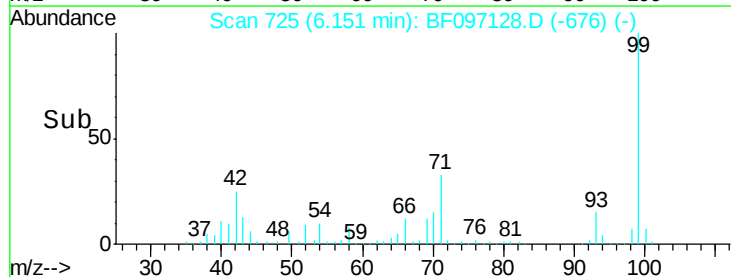
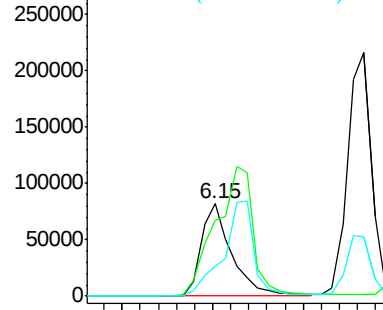
Lab File: BF097128.D

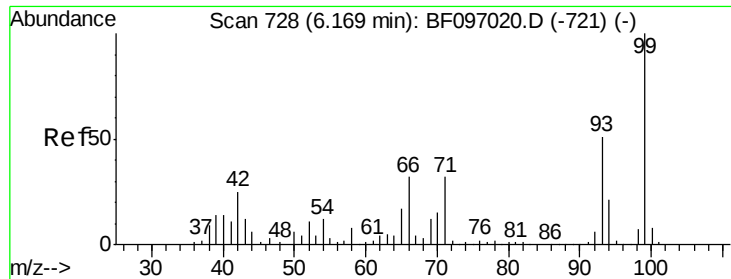
Acq: 27 Jul 2017 17:52

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





#7

Phenol-d6

Concen: 118.21 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

Instrument :

BNA_F

ClientSampleId :

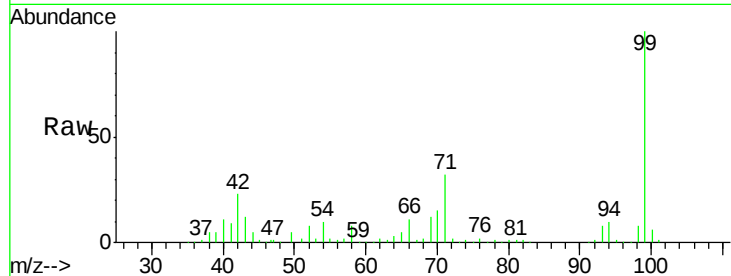
Tot Ion: 99 Resp: 706544

Ion Ratio Lower Upper

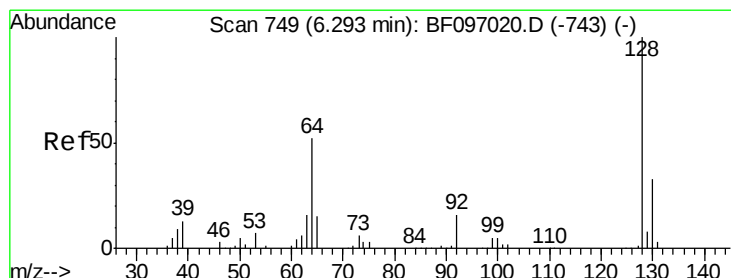
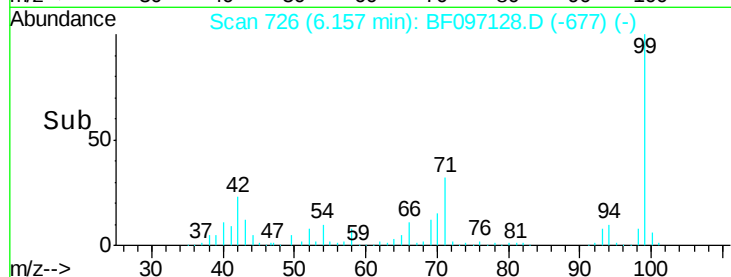
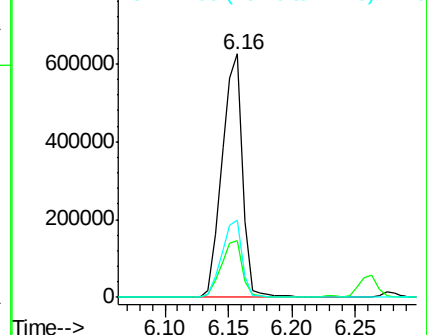
99 100

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: 40.75 ng

RT: 6.27 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

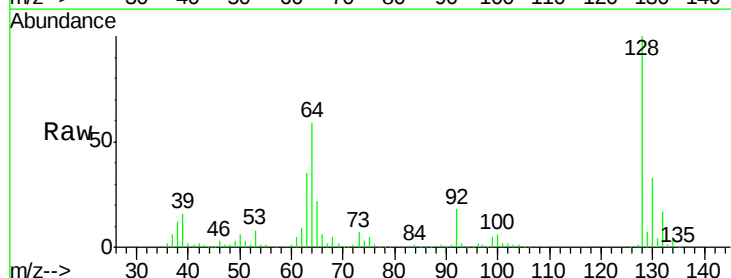
Tgt Ion: 128 Resp: 228106

Ion Ratio Lower Upper

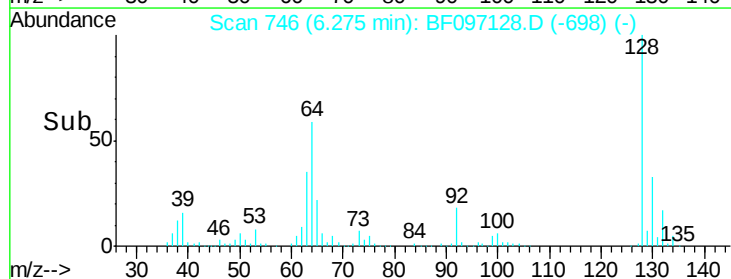
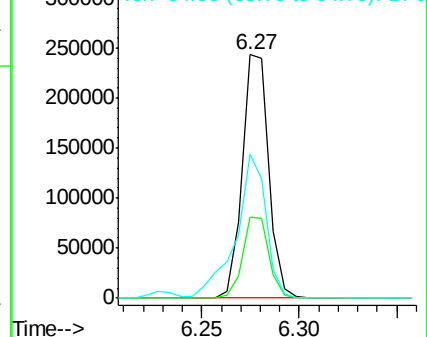
128 100

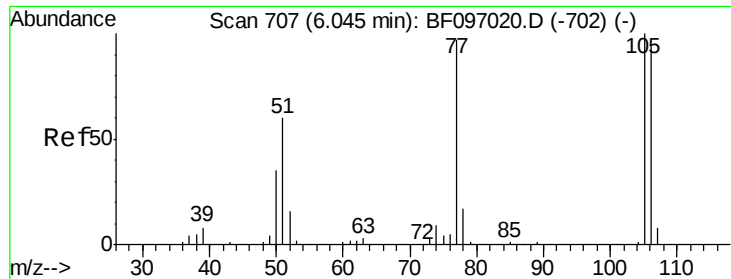
130 33.3 12.9 52.9

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

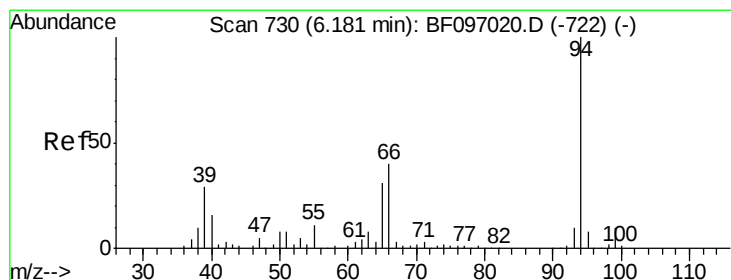
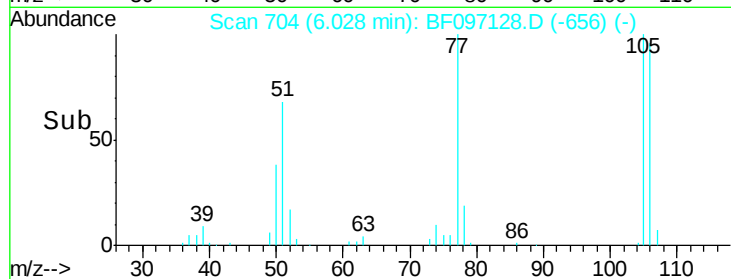
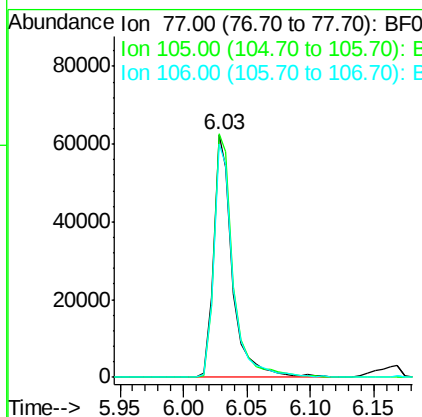
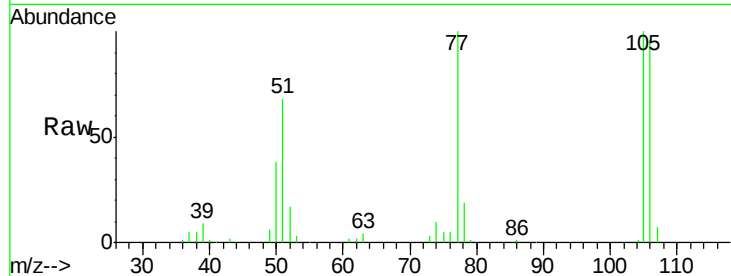




#9
Benzaldehyde
Concen: 18.37 ng
RT: 6.03 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

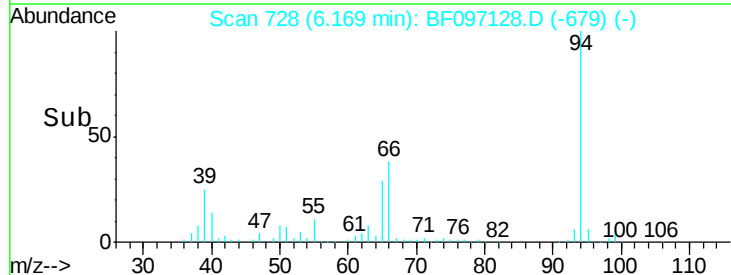
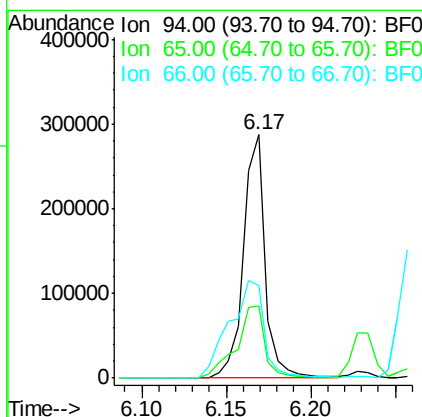
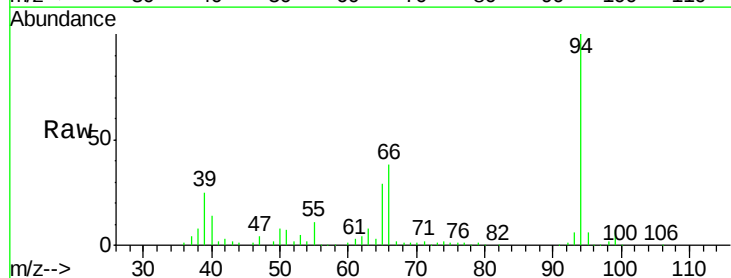
Instrument :
BNA_F
ClientSampleId :

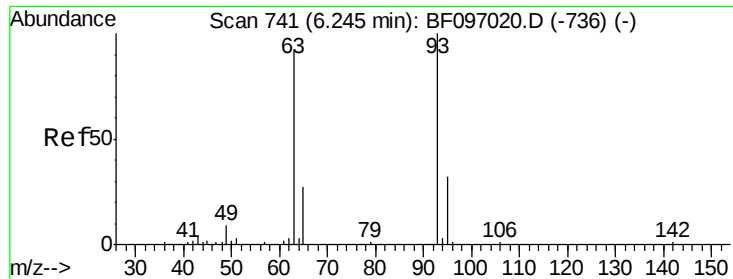
Tot Ion: 77 Resp: 64975
Ion Ratio Lower Upper
77 100
105 100.5 83.8 123.8
106 96.4 79.1 119.1



#10
Phenol
Concen: 36.48 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

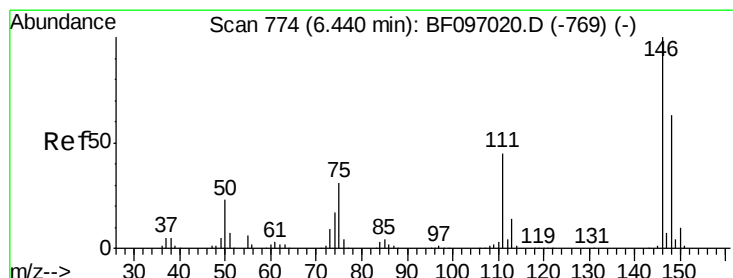
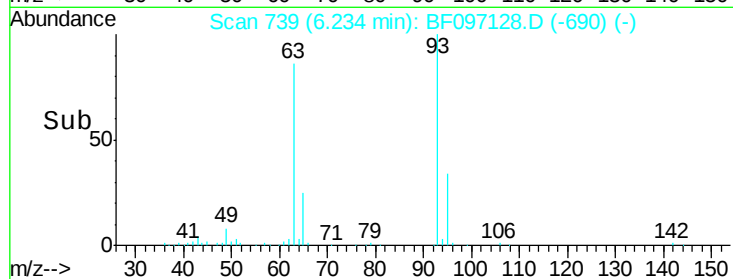
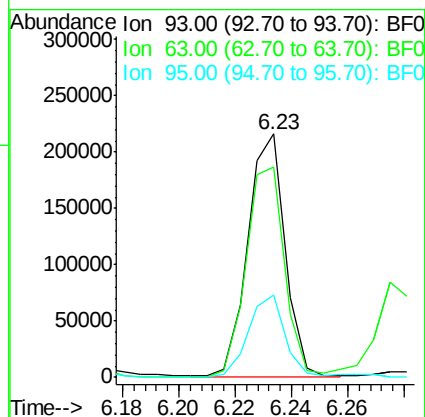
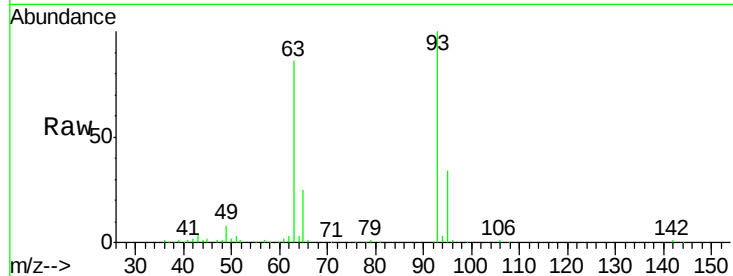




#11
 bis(2-Chloroethyl)ether
 Concen: 35.44 ng
 RT: 6.23 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

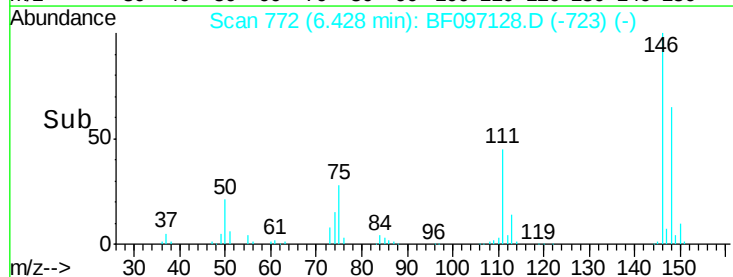
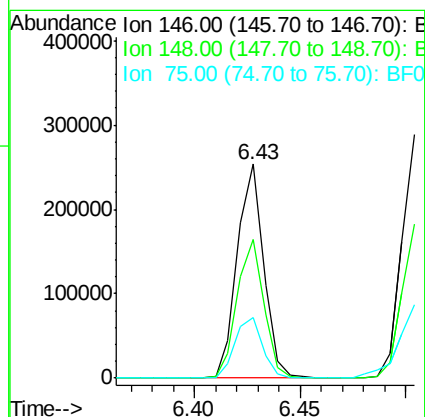
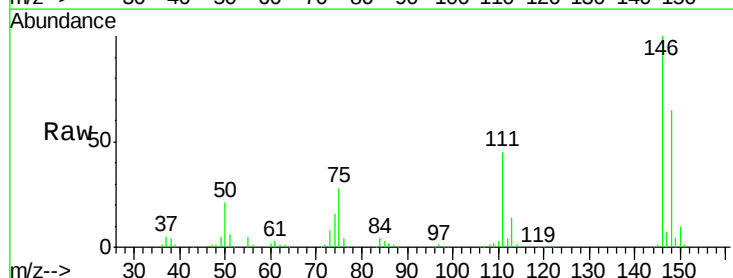
Instrument :
 BNA_F
 ClientSampleID :

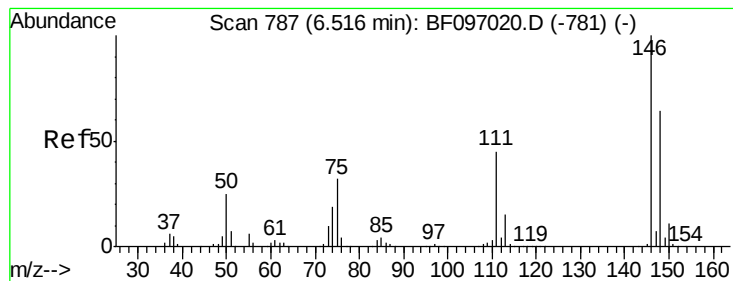
Tot Ion: 93 Resp: 198729
 Ion Ratio Lower Upper
 93 100
 63 86.3 59.2 99.2
 95 33.8 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 36.30 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: 40.41 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 :

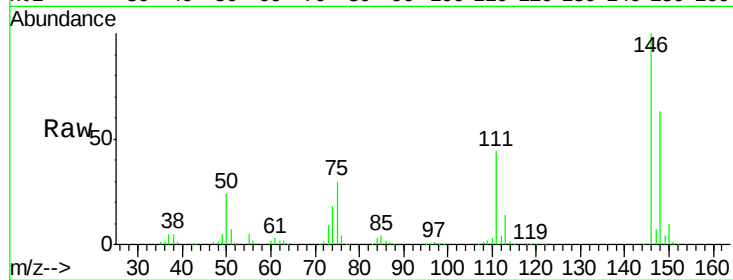
Tot Ion:146 Resp: 241603

Ion Ratio Lower Upper

146 100

148 63.2 52.2 78.2

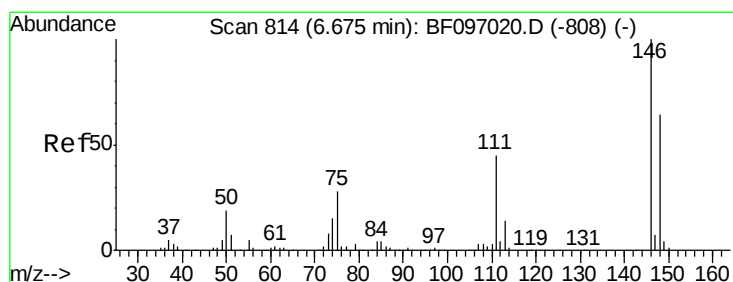
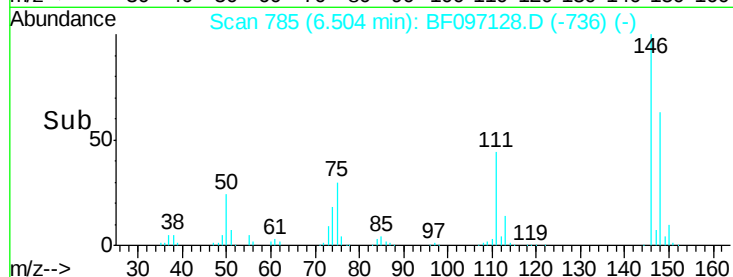
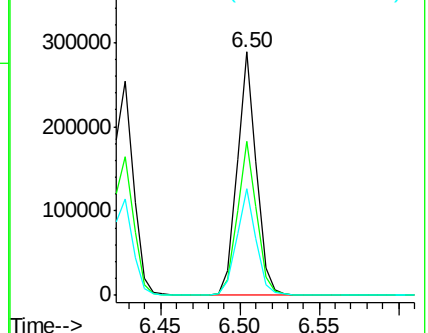
111 43.9 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.90 ng

RT: 6.66 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

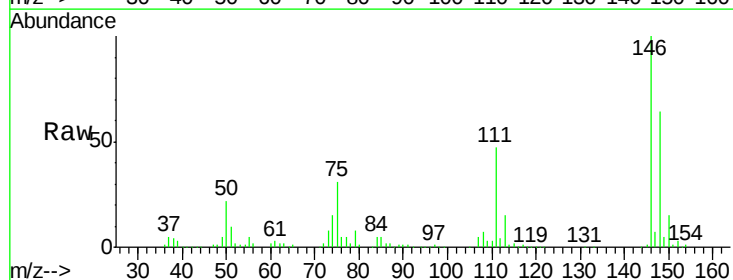
Tgt Ion:146 Resp: 213518

Ion Ratio Lower Upper

146 100

148 63.7 50.4 75.6

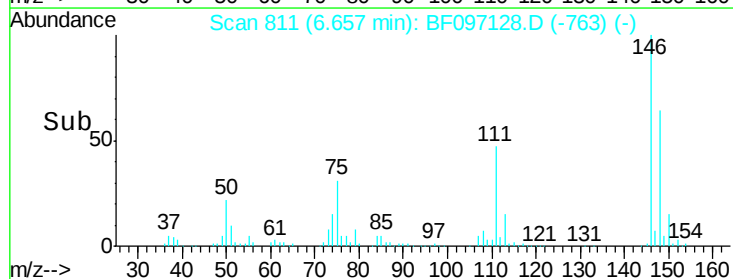
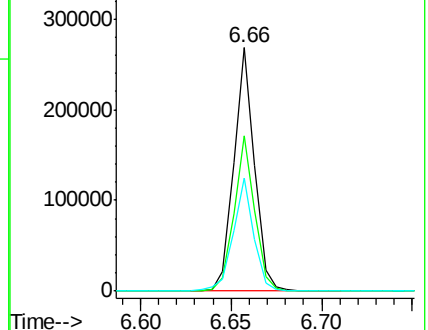
111 46.7 38.2 57.4

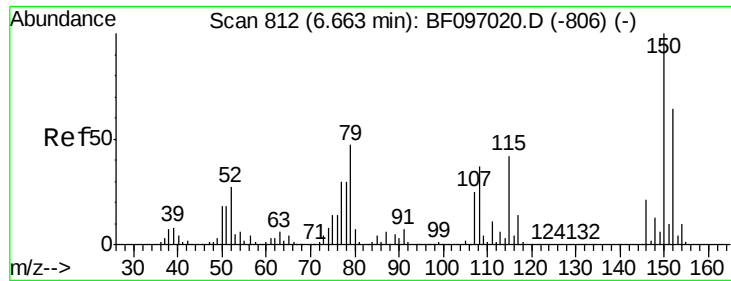


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

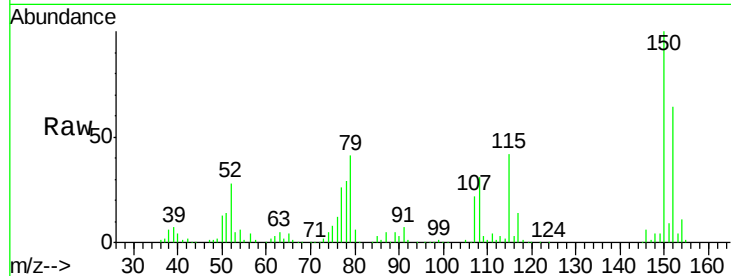




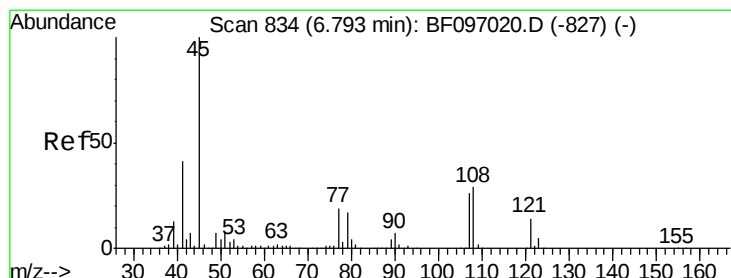
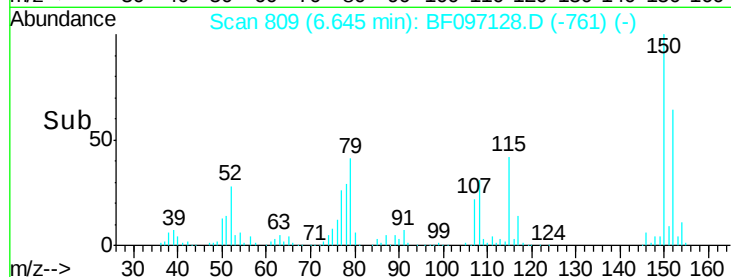
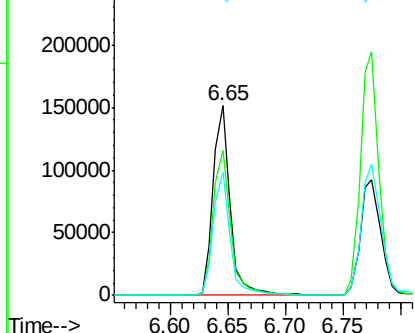
#15
Benzyl Alcohol
Concen: 41.45 ng
RT: 6.65 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Instrument :
BNA_F
ClientSampleId :

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

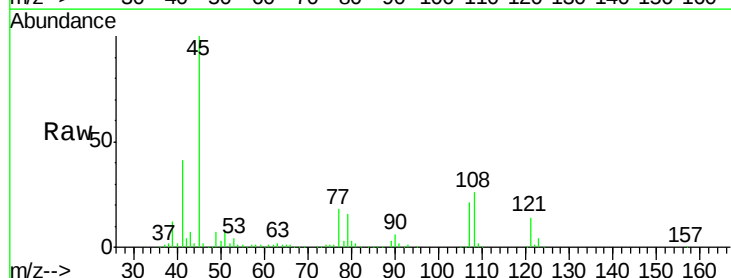


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

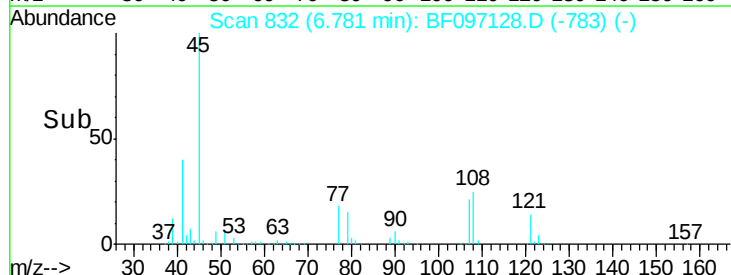
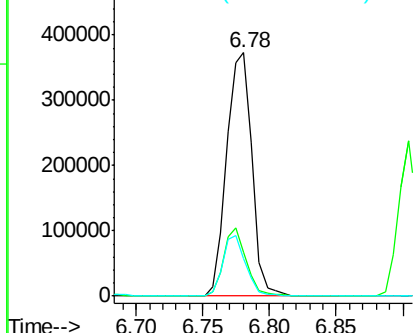


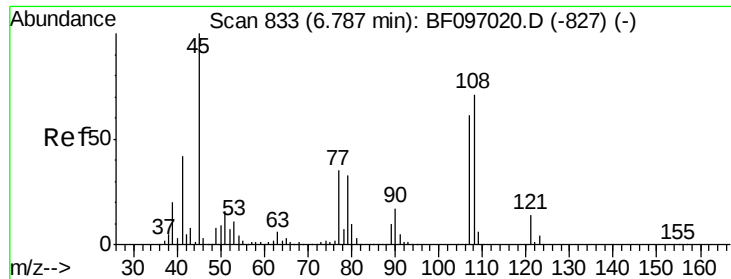
#16
2,2'-oxybis(1-chloropropane)
Concen: 44.18 ng
RT: 6.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

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

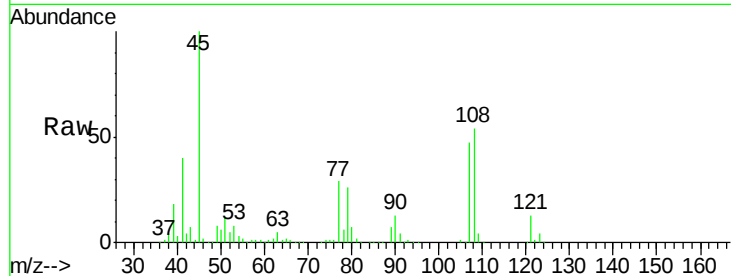




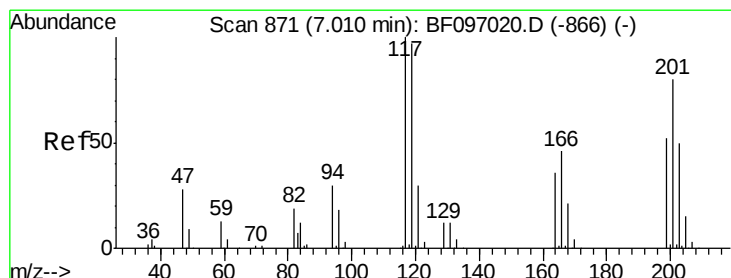
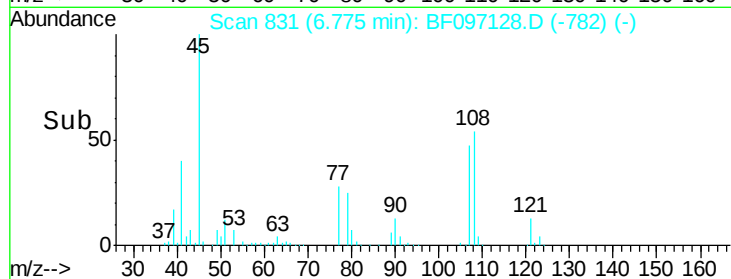
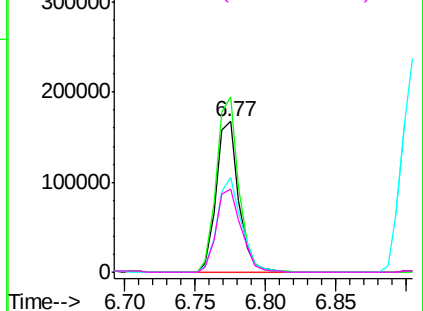
#17
2-Methylphenol
Concen: 43.01 ng
RT: 6.77 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Instrument :
BNA_F
ClientSampleId :

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#

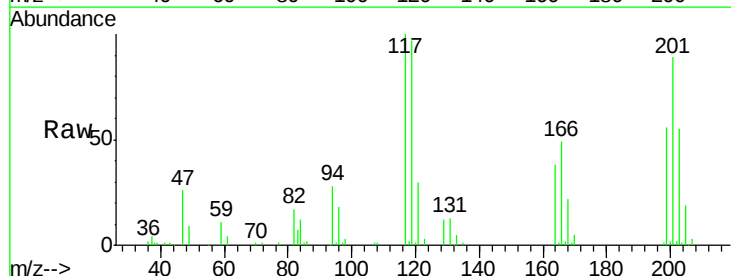


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

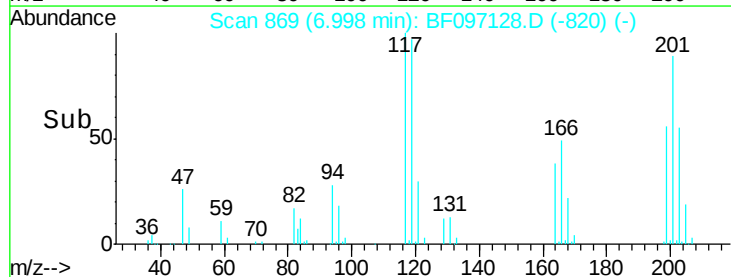
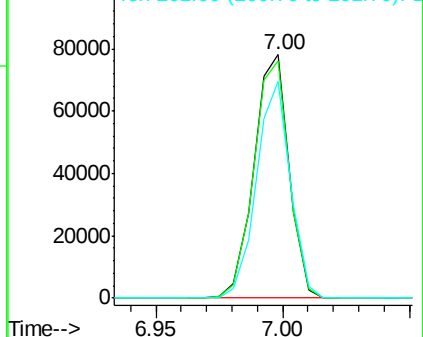


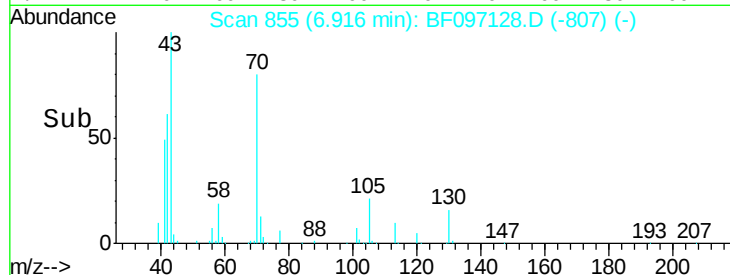
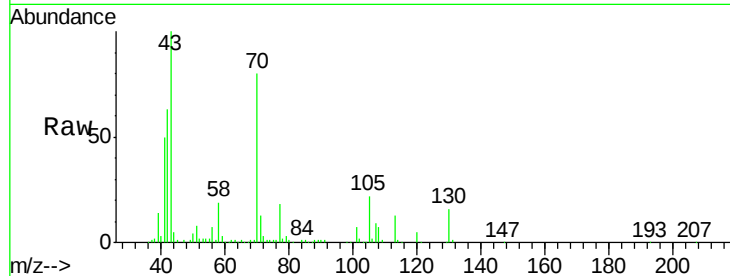
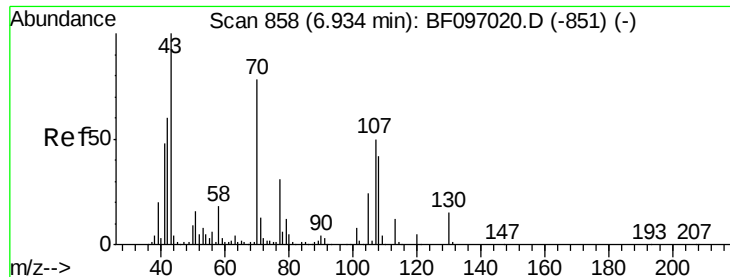
#18
Hexachloroethane
Concen: 34.20 ng
RT: 7.00 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

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#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

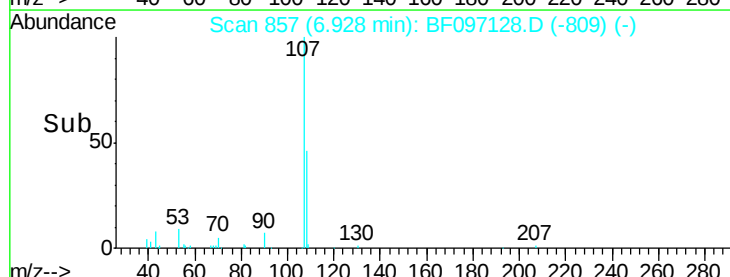
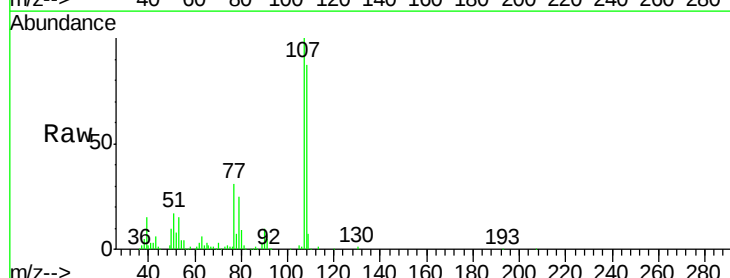
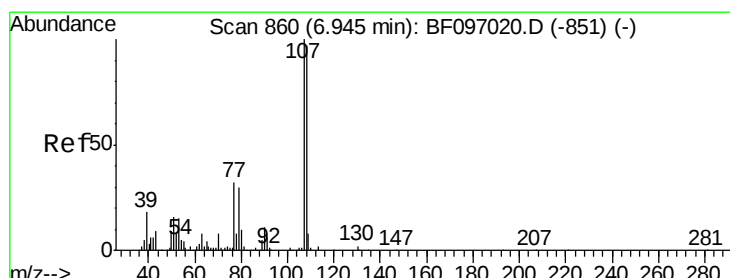
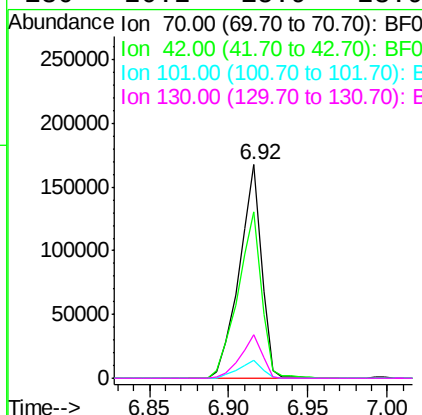




#19
n-Nitroso-di-n-propylamine
Concen: 41.48 ng
RT: 6.92 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

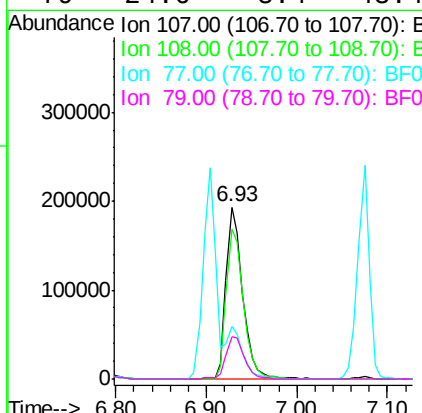
Instrument :
BNA_F
ClientSampled :

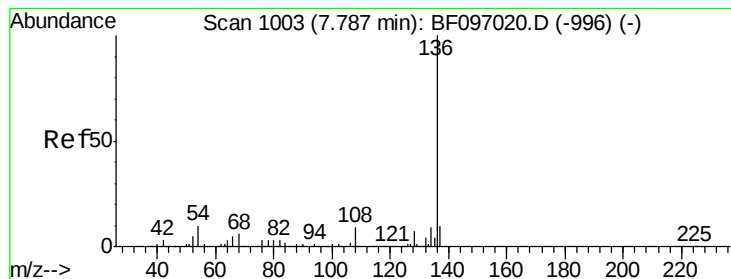
Tot Ion: 70 Resp: 163180
Ion Ratio Lower Upper
70 100
42 78.1 47.2 70.8#
101 8.7 7.2 10.8
130 20.2 15.9 23.9



#20
3+4-Methylphenols
Concen: 43.48 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: 20.00 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097128.D

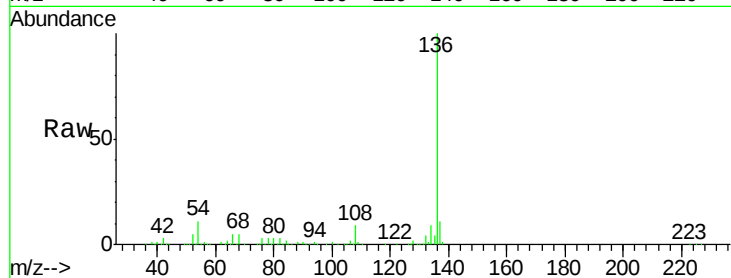
Acq: 27 Jul 2017 17:52

Instrument :

BNA_F

ClientSampleId :

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



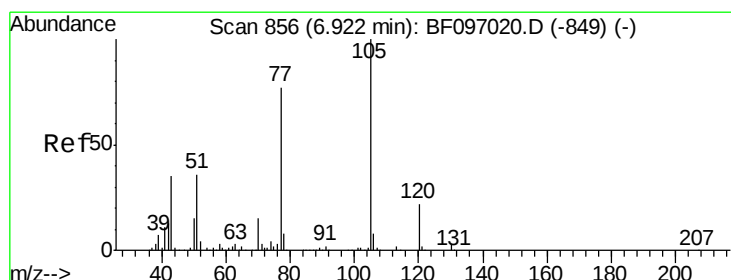
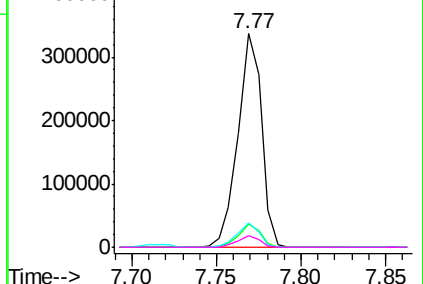
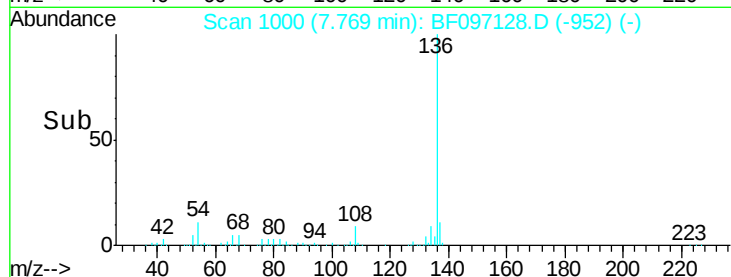
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.29 ng

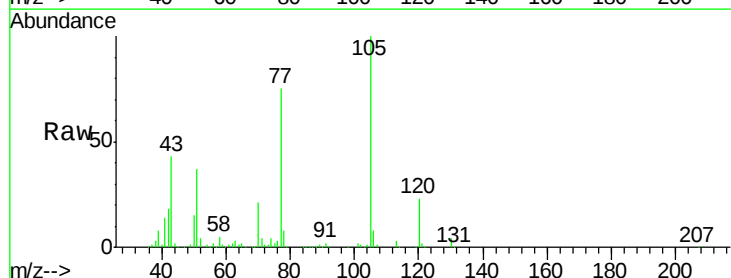
RT: 6.90 min Scan# 853

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



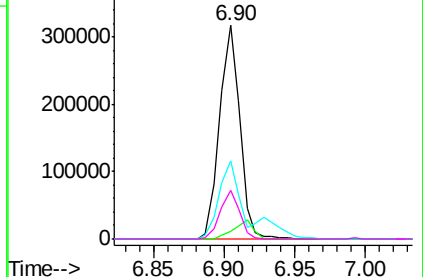
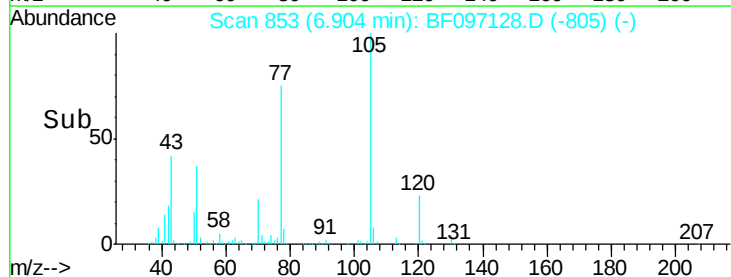
Abundance

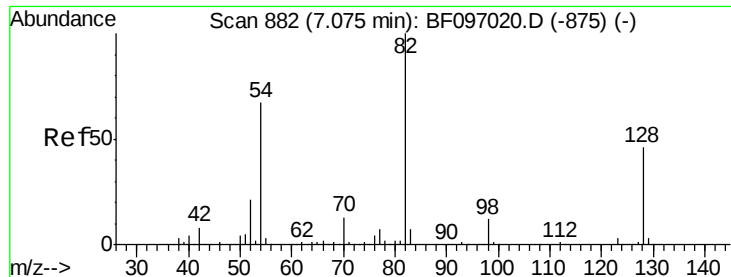
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 75.52 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 :

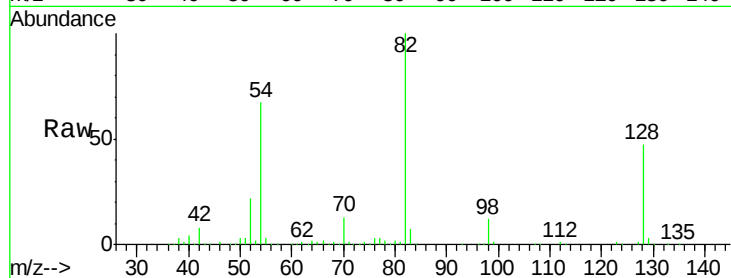
Tot Ion: 82 Resp: 422631

Ion Ratio Lower Upper

82 100

128 46.9 34.0 51.0

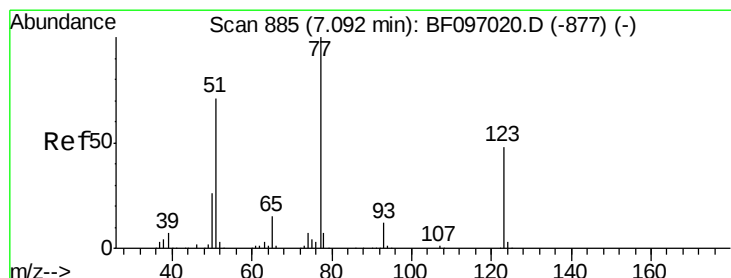
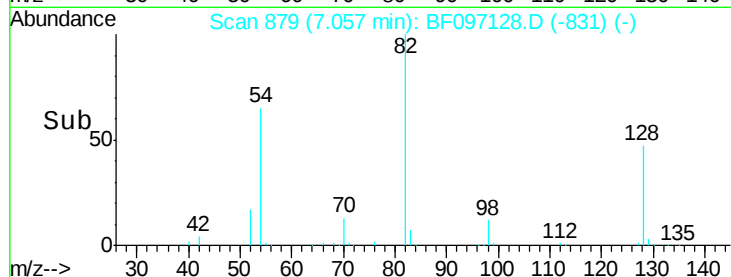
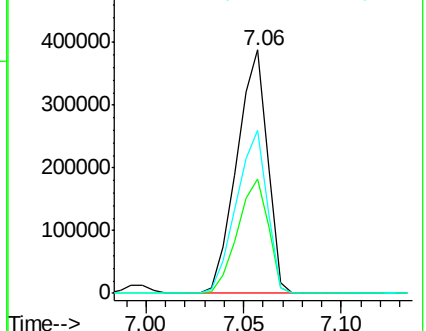
54 67.0 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 36.32 ng

RT: 7.07 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

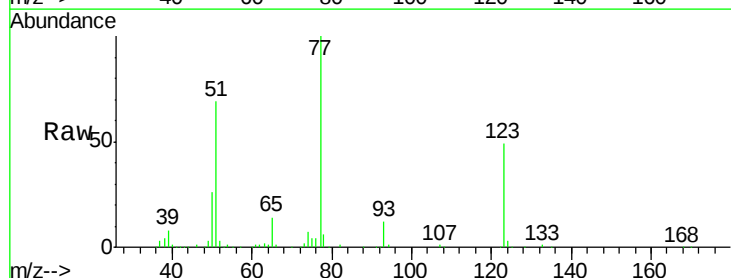
Tgt Ion: 77 Resp: 211717

Ion Ratio Lower Upper

77 100

123 49.1 35.8 53.8

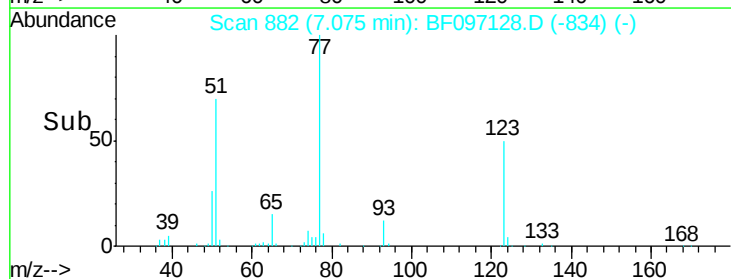
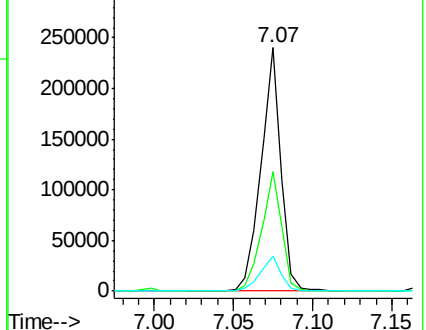
65 14.4 10.6 15.8

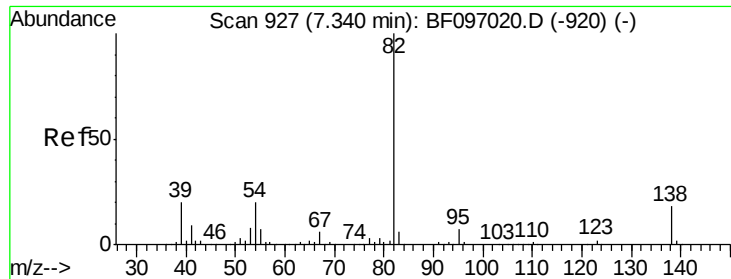


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 33.69 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 :

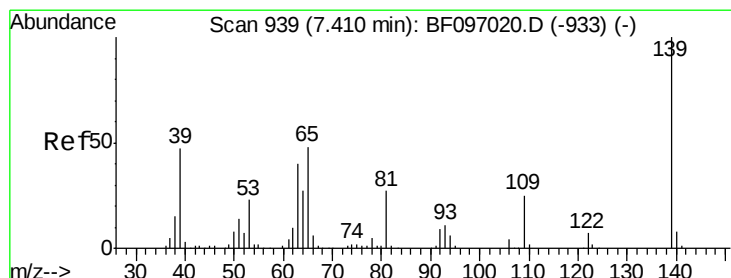
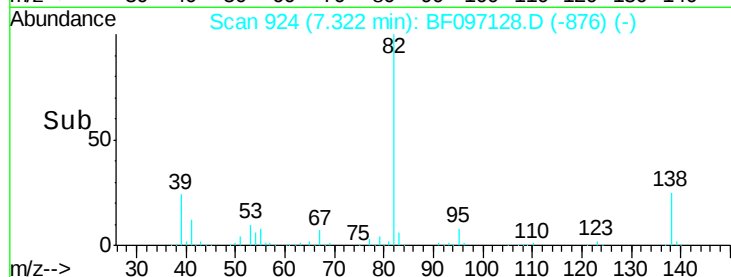
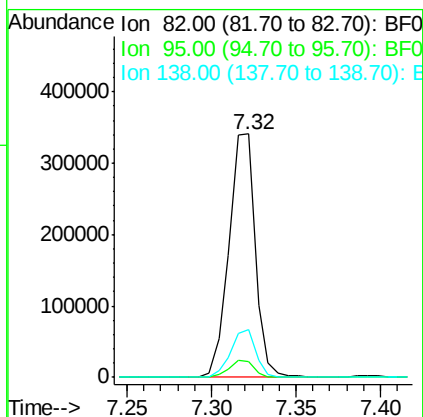
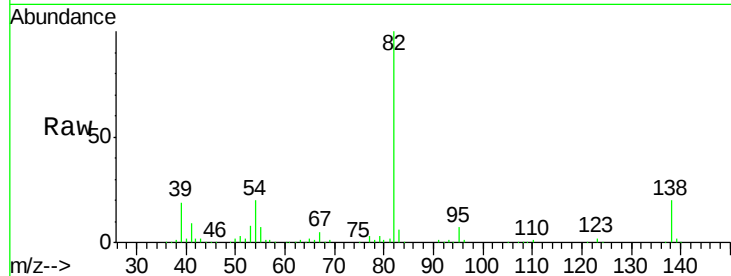
Tot Ion: 82 Resp: 369244

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.7 13.1 19.7#



#26

2-Nitrophenol

Concen: 32.97 ng

RT: 7.39 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

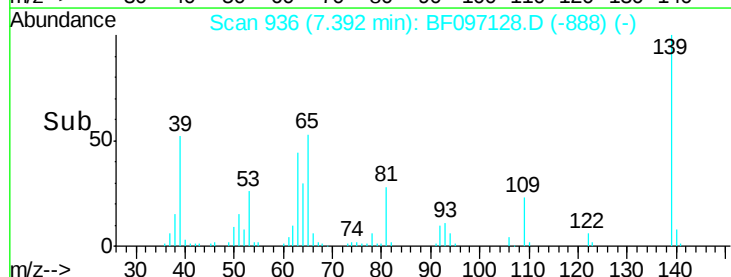
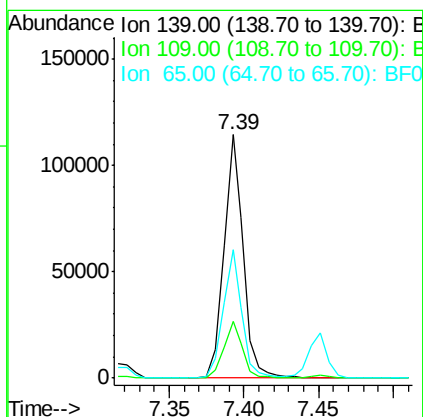
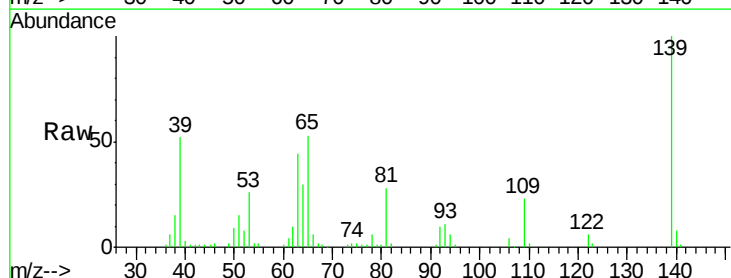
Tgt Ion: 139 Resp: 103965

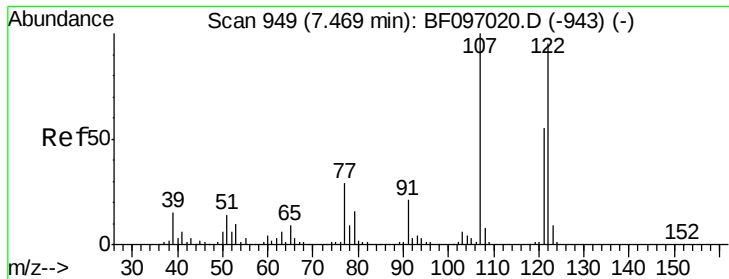
Ion Ratio Lower Upper

139 100

109 23.5 21.0 31.6

65 52.9 33.0 49.6#

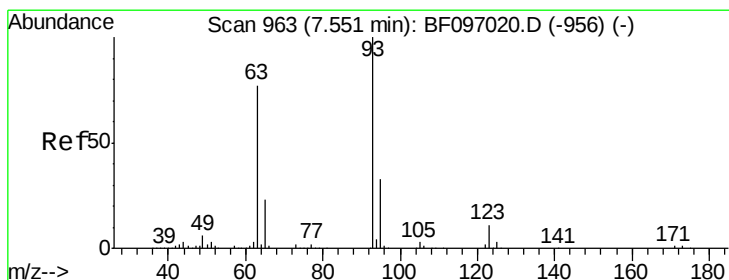
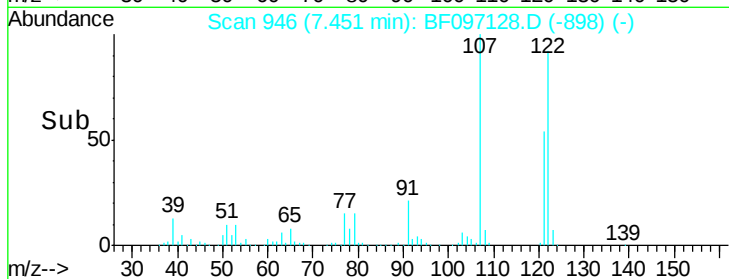
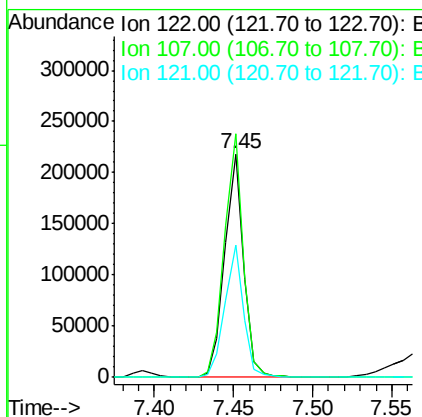
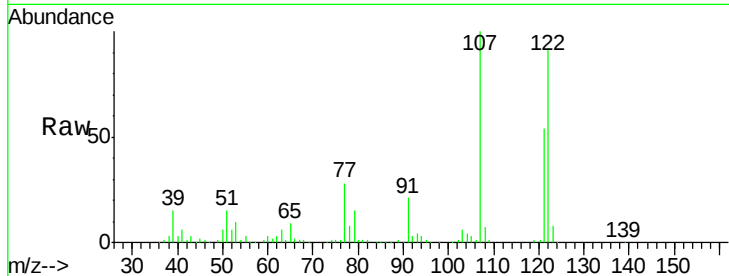




#27
 2,4-Dimethylphenol
 Concen: 34.86 ng
 RT: 7.45 min Scan# 946
 Delta R.T. -0.02 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

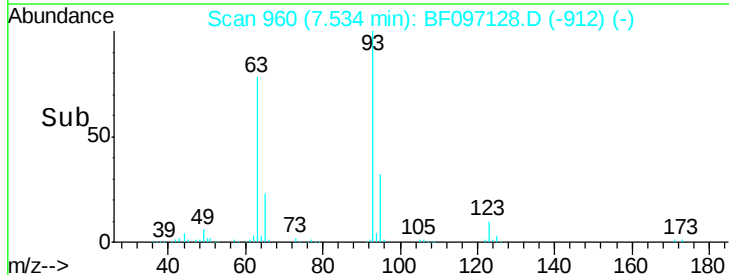
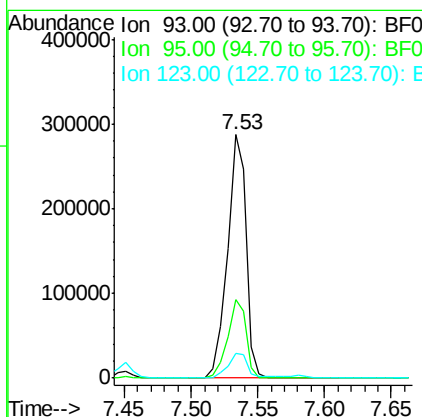
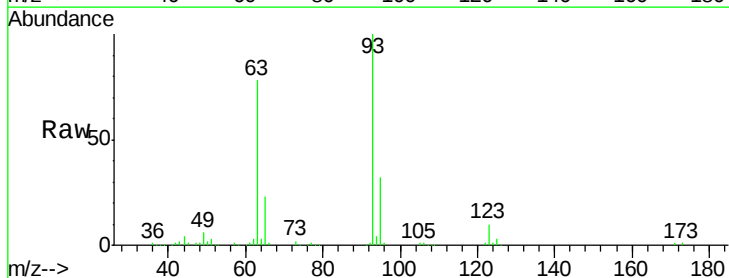
Instrument :
 BNA_F
 ClientSampleId :

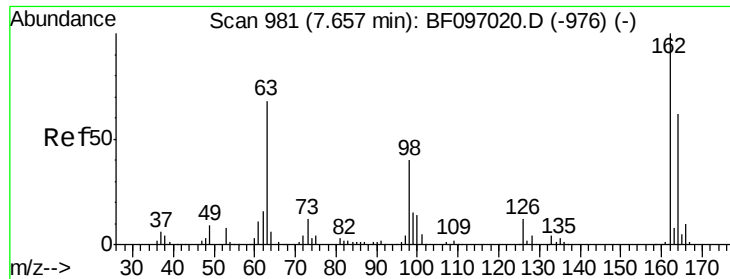
Tot Ion:122 Resp: 181344
 Ion Ratio Lower Upper
 122 100
 107 109.0 89.2 133.8
 121 59.3 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.85 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

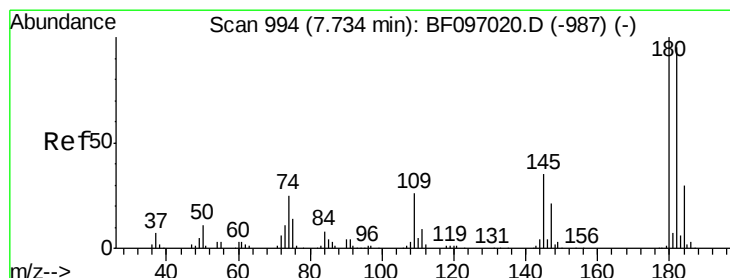
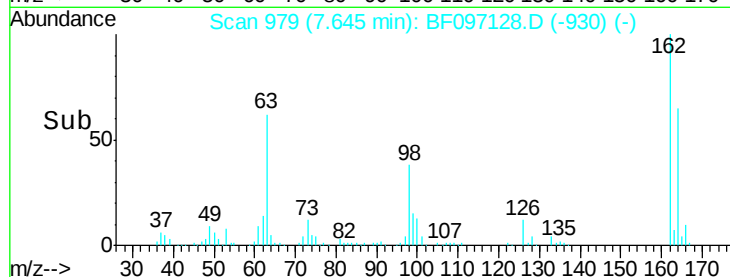
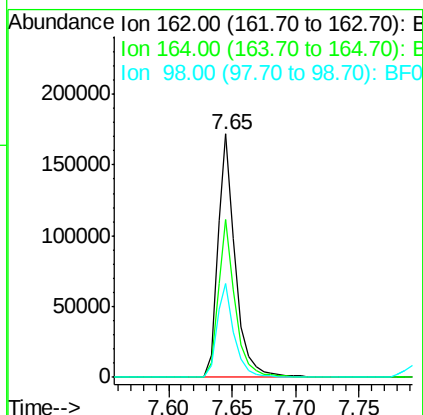
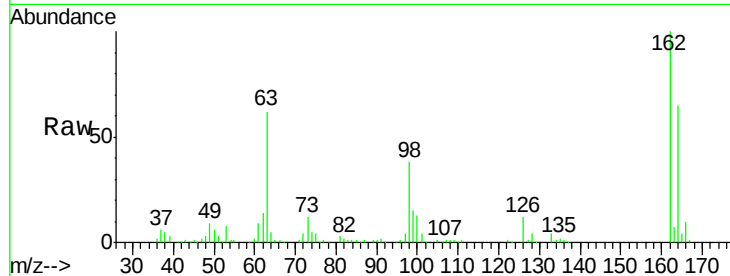




#29
 2,4-Dichlorophenol
 Concen: 36.84 ng
 RT: 7.65 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

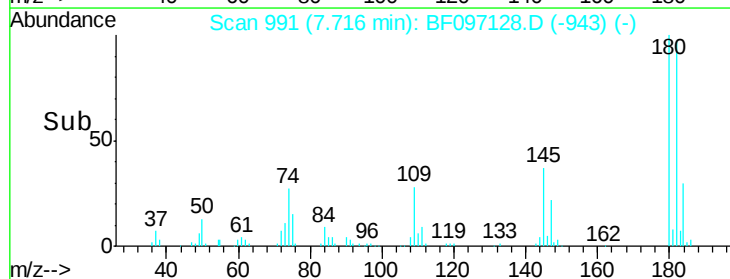
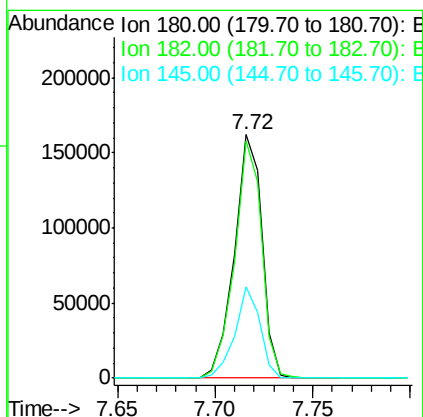
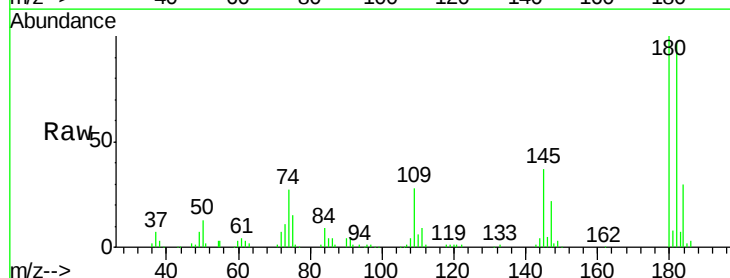
Instrument :
 BNA_F
 ClientSampleId :

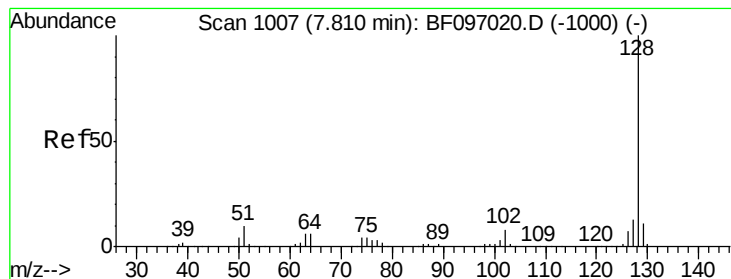
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.6	84.6
98	38.4	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 37.23 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	Ratio	Lower	Upper
180	100		
182	97.3	75.8	113.6
145	37.4	25.3	37.9





#31

Naphthalene

Concen: 38.54 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 :

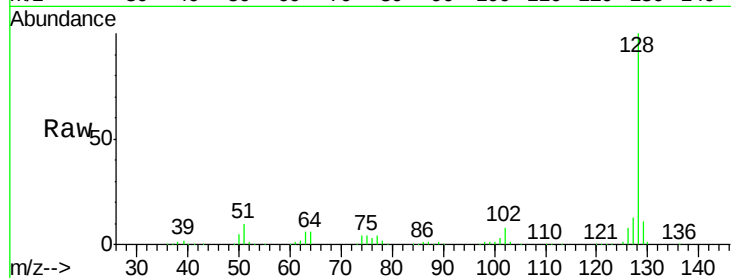
Tot Ion:128 Resp: 596487

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

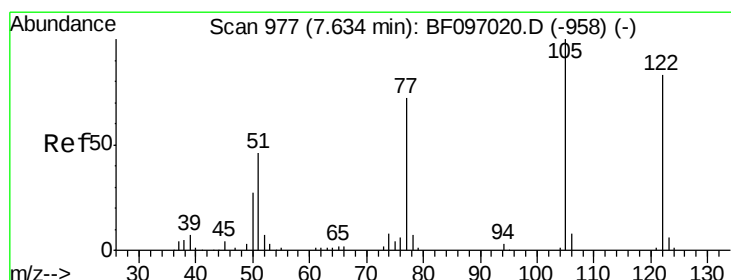
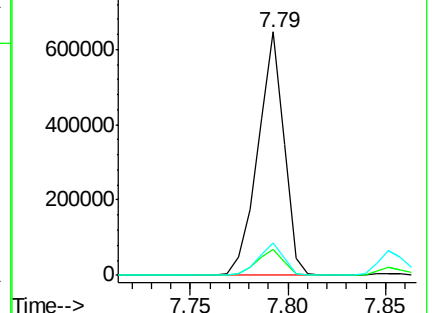
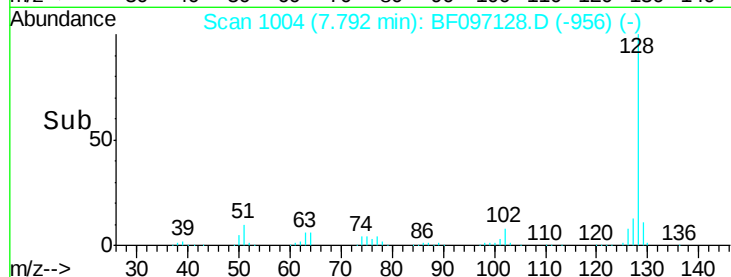
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.88 ng

RT: 7.58 min Scan# 968

Delta R.T. -0.05 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

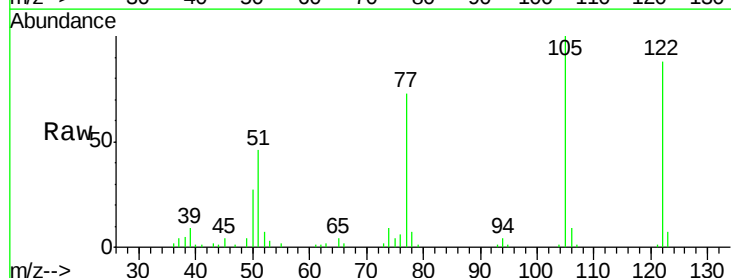
Tgt Ion:122 Resp: 88864

Ion Ratio Lower Upper

122 100

105 113.2 103.3 143.3

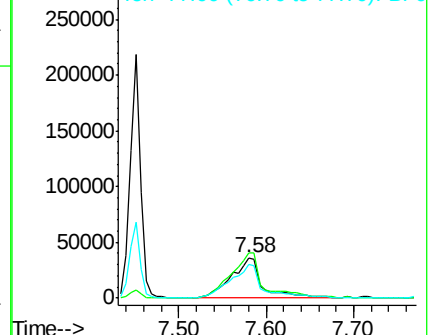
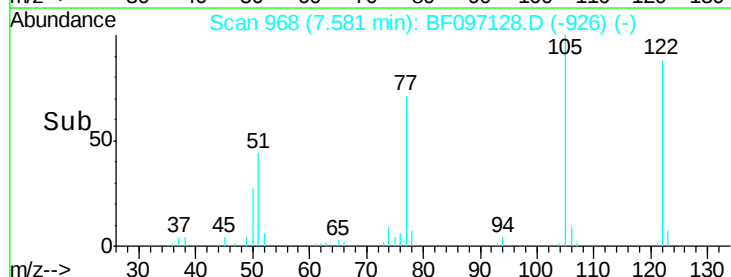
77 82.8 73.7 113.7

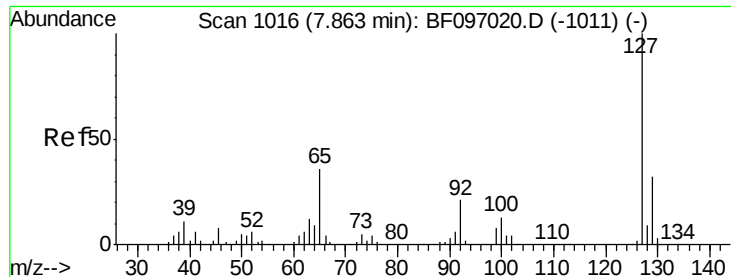


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

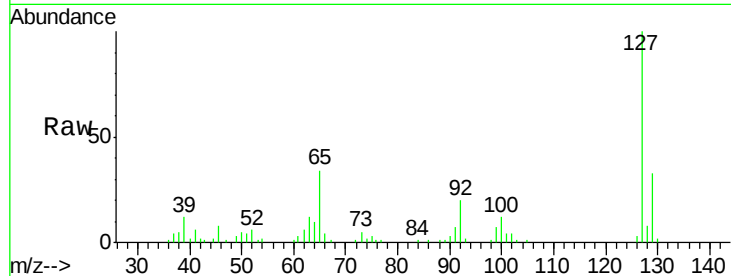




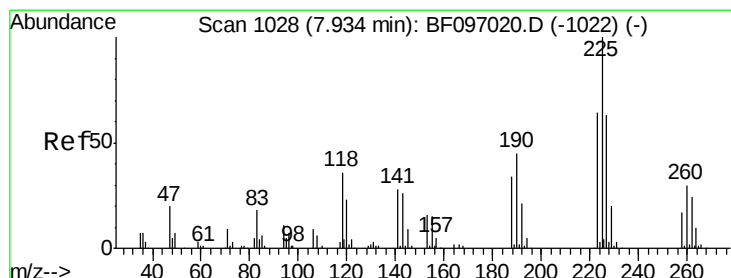
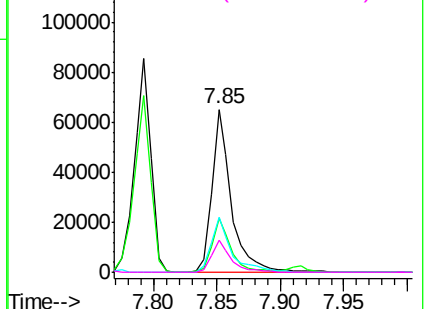
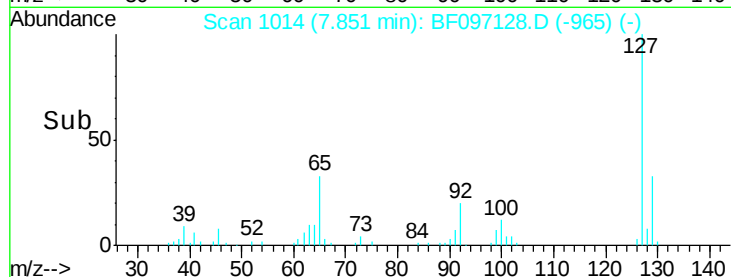
#33
4-Chloroaniline
Concen: 11.12 ng
RT: 7.85 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Instrument :
BNA_F
ClientSampled :

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

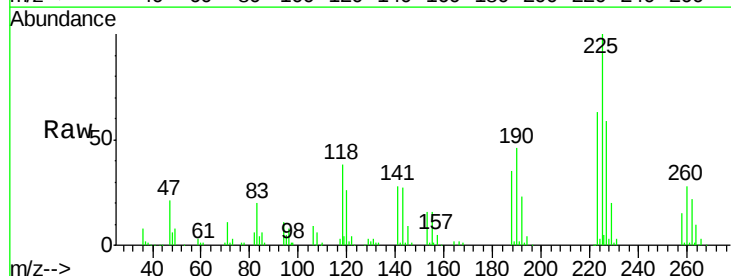


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

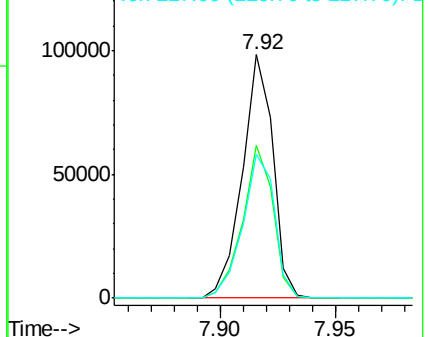
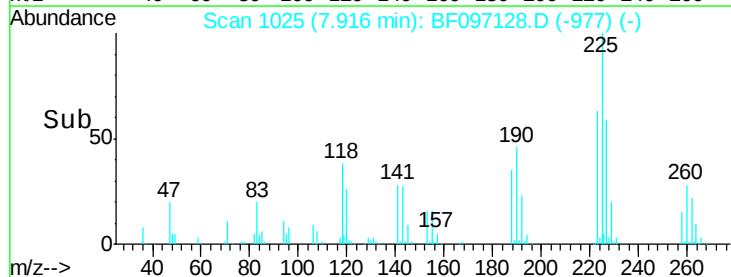


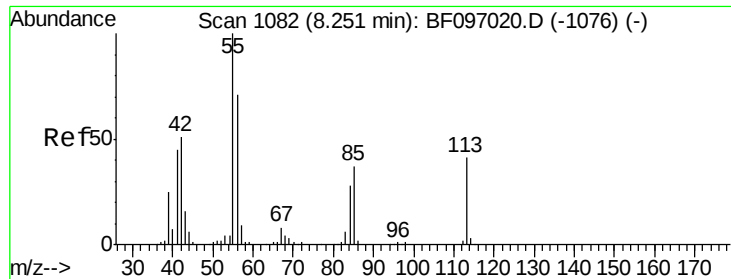
#34
Hexachlorobutadiene
Concen: 40.30 ng
RT: 7.92 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

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

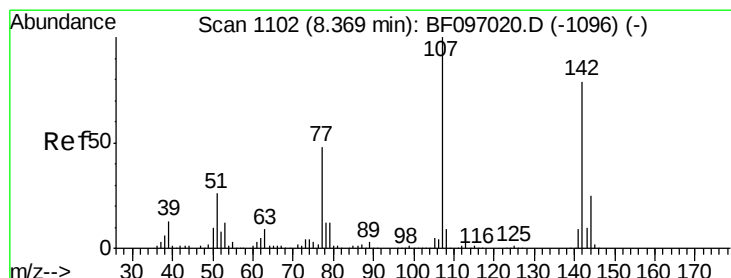
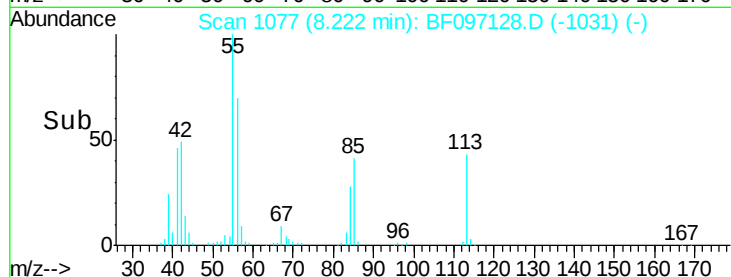
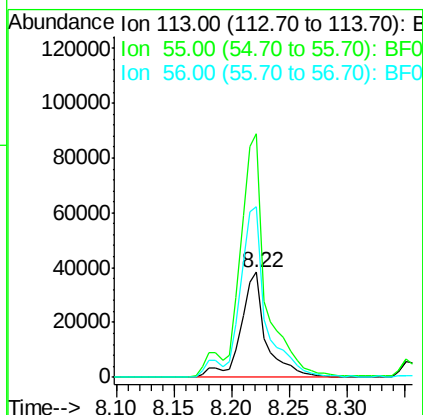
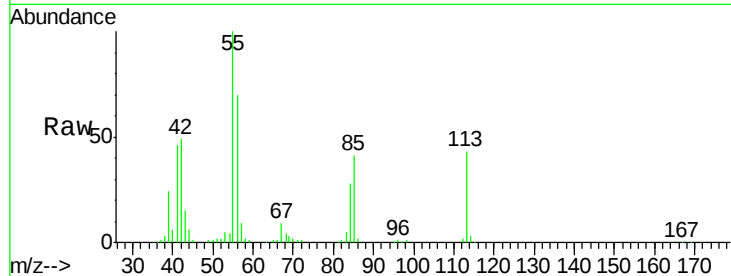




#35
 Caprolactam
 Concen: 40.47 ng
 RT: 8.22 min Scan# 1077
 Delta R.T. -0.03 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

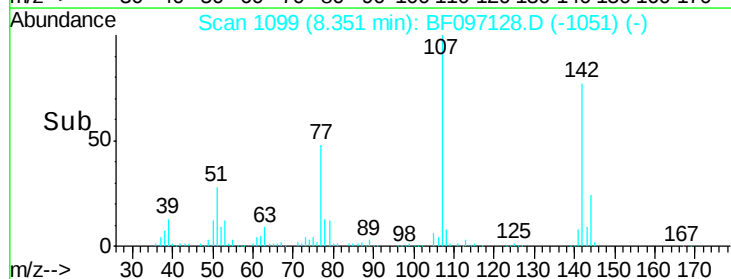
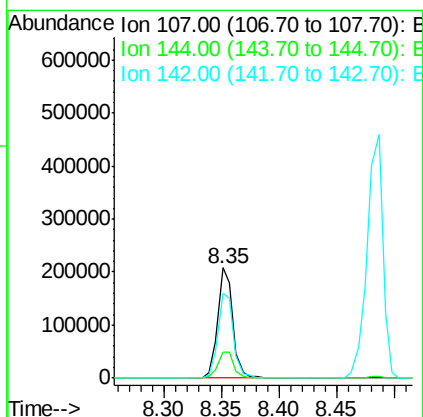
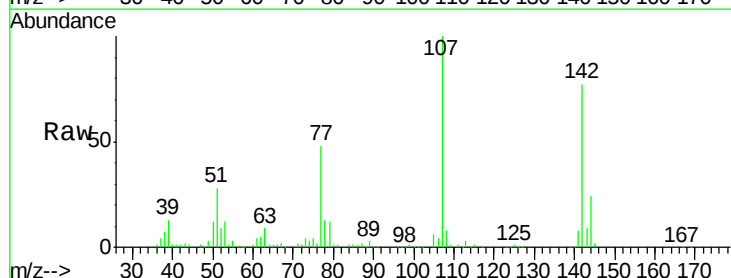
Instrument :
 BNA_F
 ClientSampled :

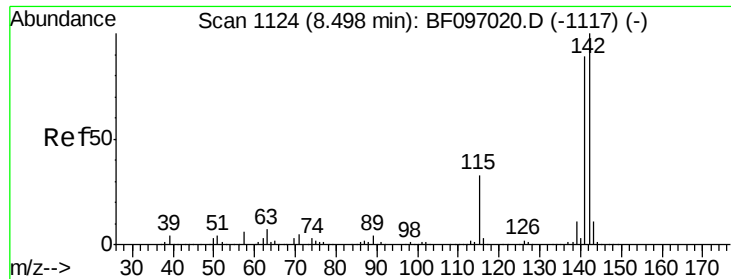
Tot Ion:113 Resp: 58147
 Ion Ratio Lower Upper
 113 100
 55 231.6 150.2 190.2#
 56 162.2 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 38.65 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

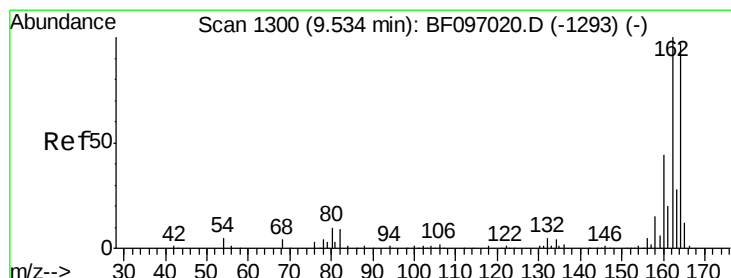
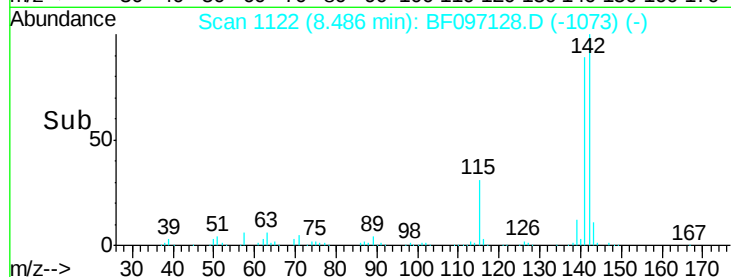
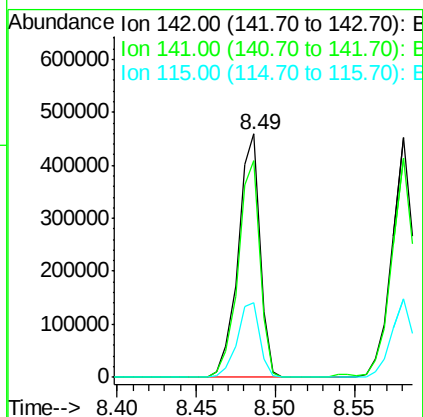
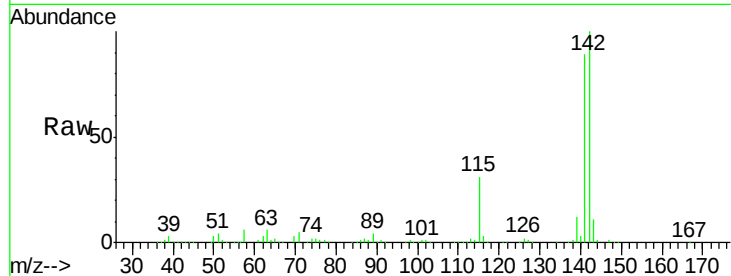




#37
2-Methylnaphthalene
Concen: 44.70 ng
RT: 8.49 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

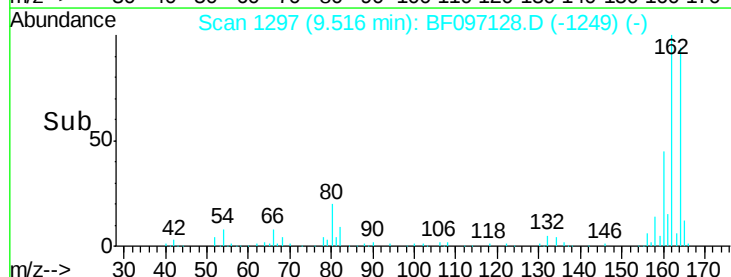
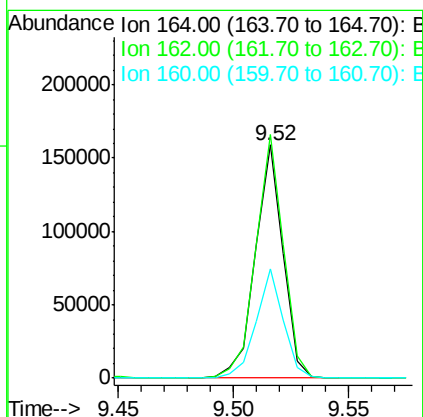
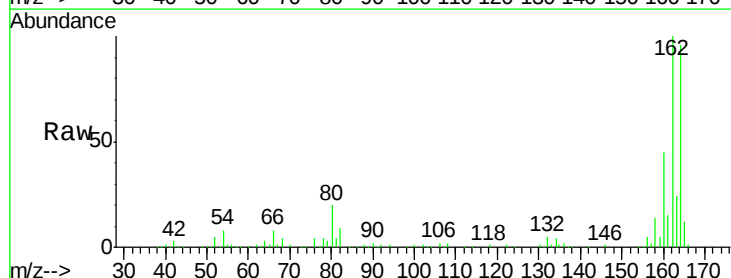
Instrument :
BNA_F
ClientSampled :

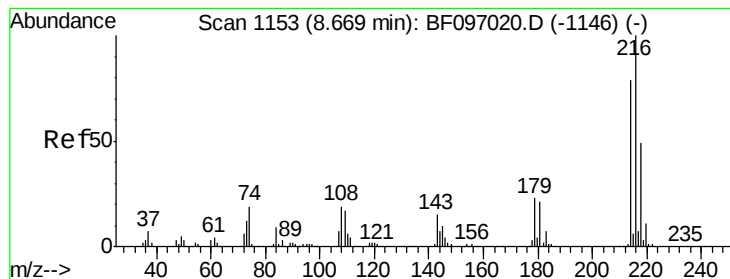
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	30.8	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.00 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: 43.17 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

ClientSampled :

Tot Ion:216 Resp: 152802

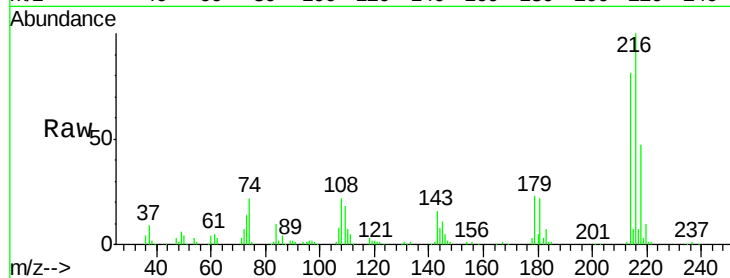
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 22.2 17.9 26.9

108 20.9 16.5 24.7

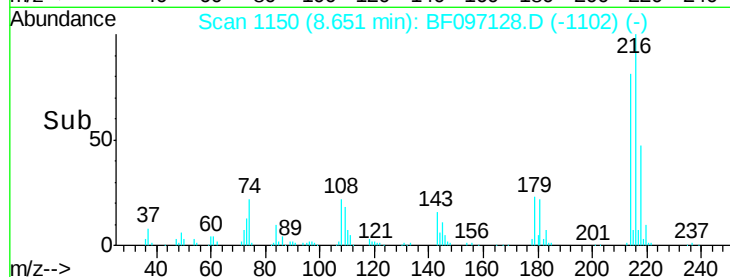


Abundance Ion 216.00 (215.70 to 216.70): E

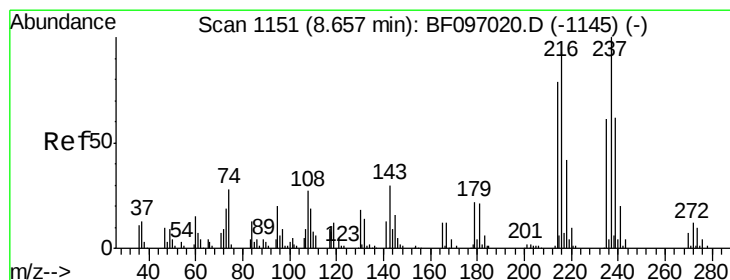
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 21.67 ng

RT: 8.64 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

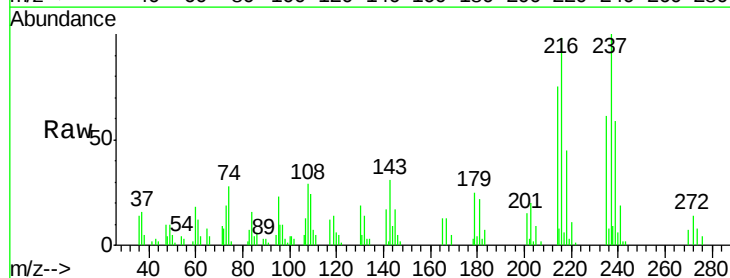
Tgt Ion:237 Resp: 20347

Ion Ratio Lower Upper

237 100

235 61.1 42.6 82.6

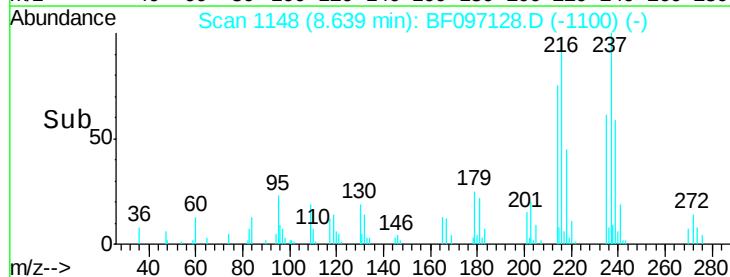
272 13.6 0.0 31.9



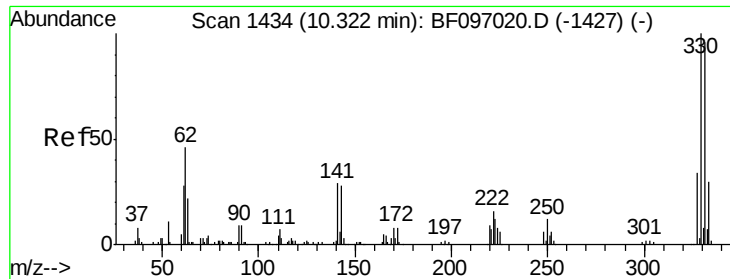
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



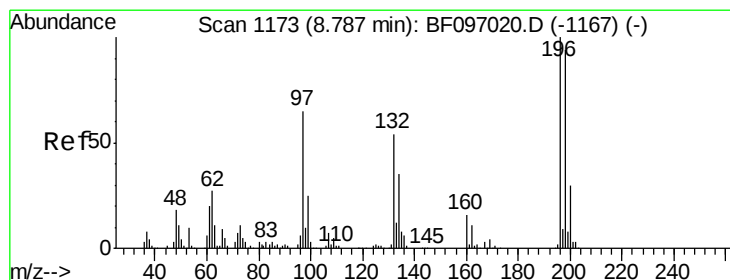
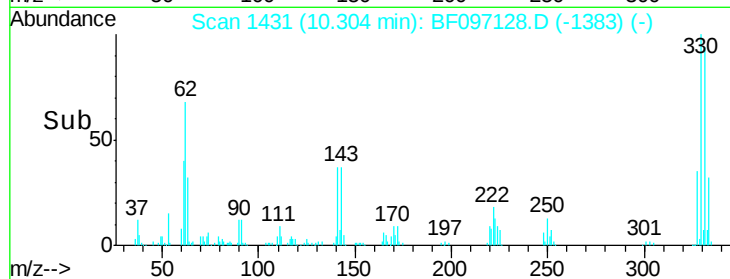
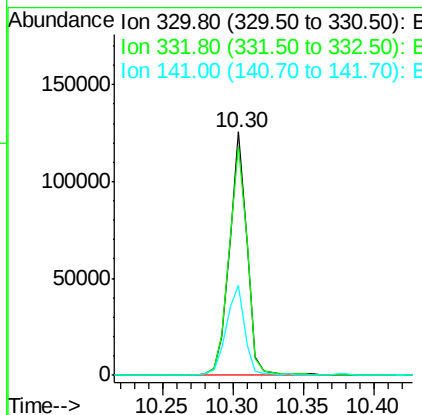
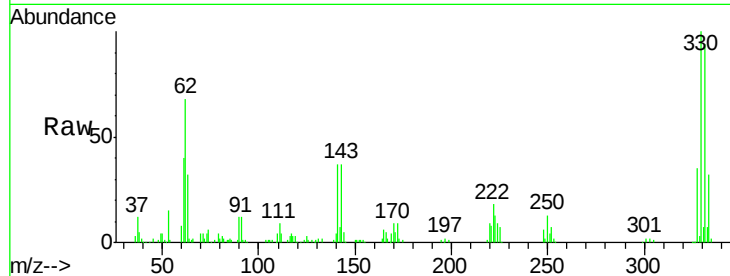
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 103.56 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

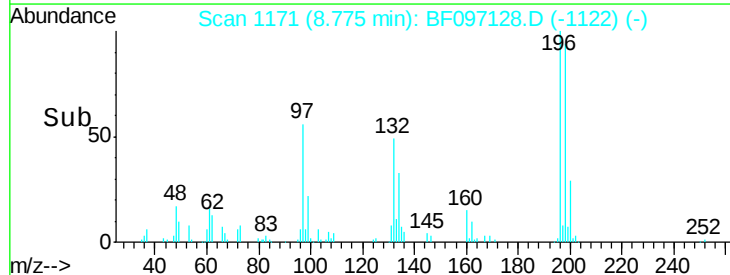
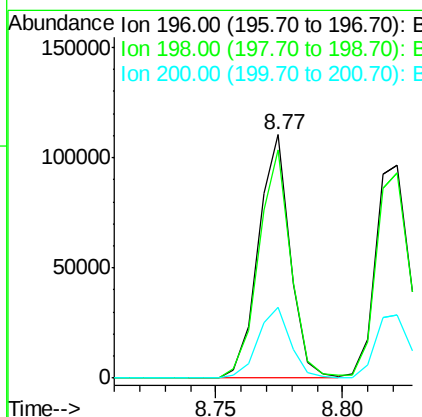
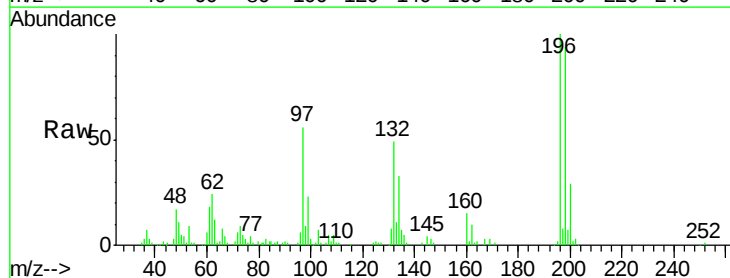
Instrument :
 BNA_F
 ClientSampleId :

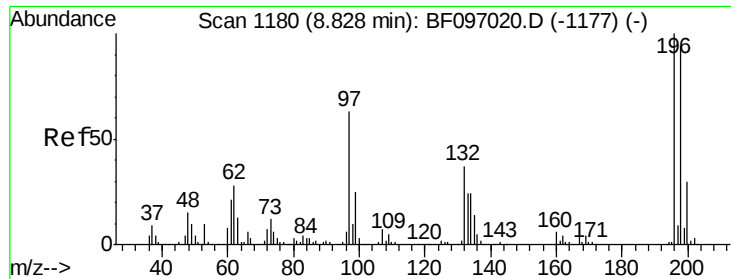
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	115.0
141	38.9	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 37.83 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	Ratio	Lower	Upper
196	100		
198	93.9	74.2	111.4
200	29.1	24.0	36.0

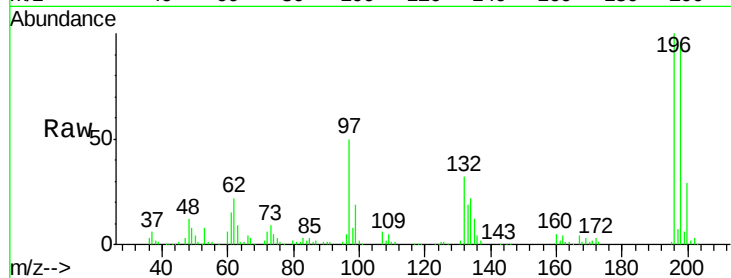




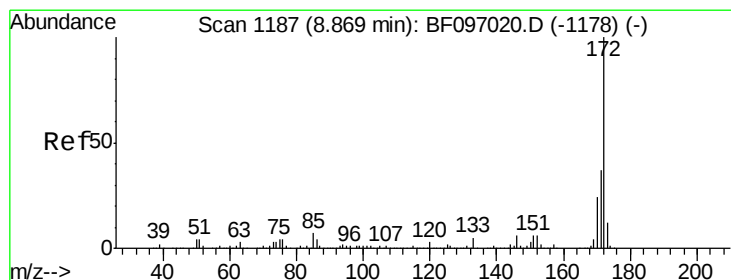
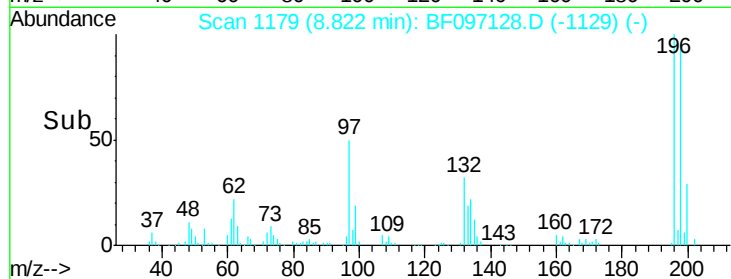
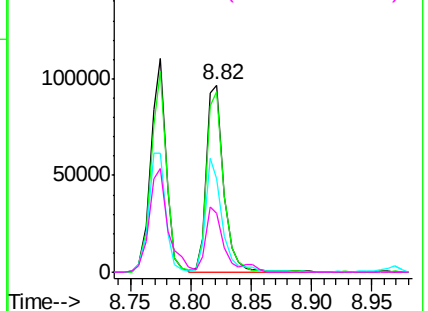
#43
 2,4,5-Trichlorophenol
 Concen: 37.82 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :

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

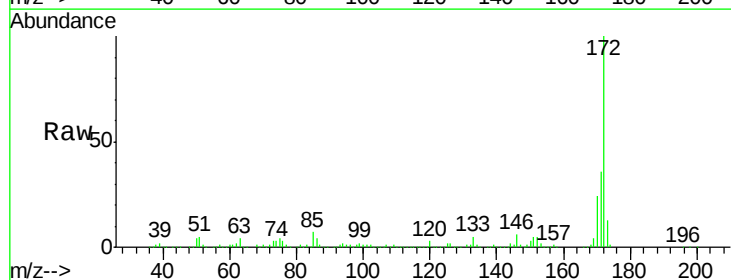


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

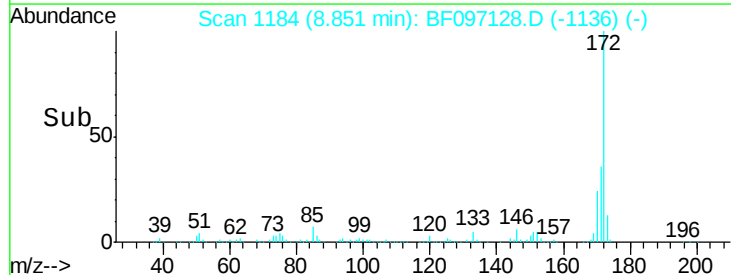
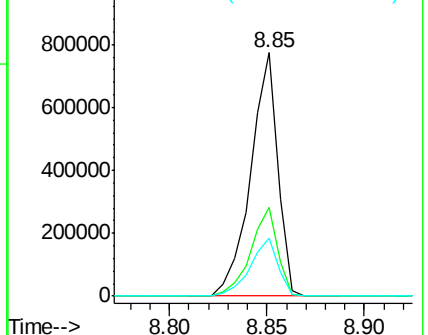


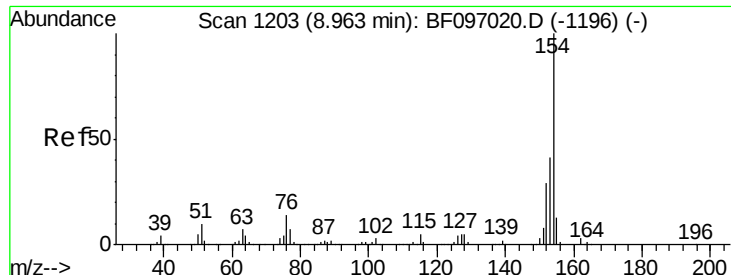
#44
 2-Fluorobiphenyl
 Concen: 95.38 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

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

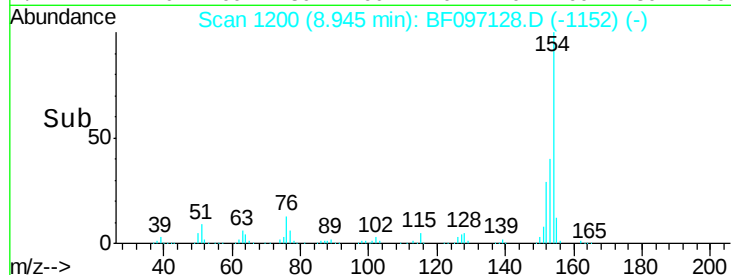
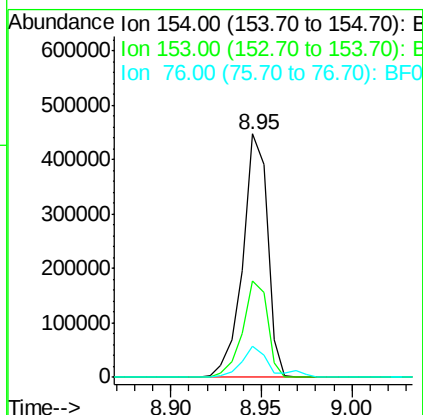
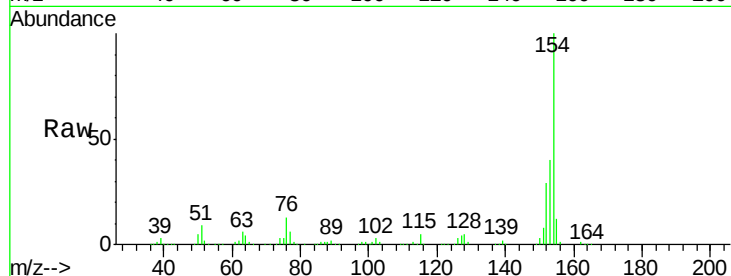




#45
 1,1'-Biphenyl
 Concen: 37.48 ng
 RT: 8.95 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

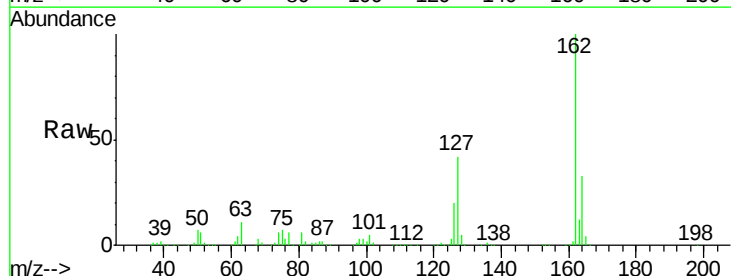
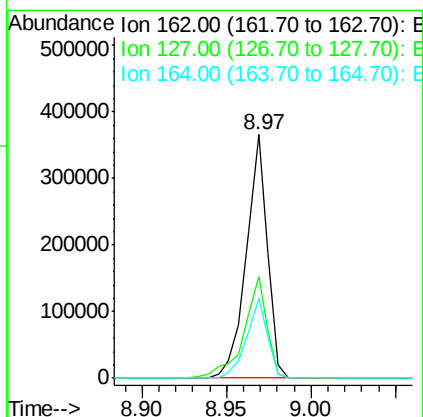
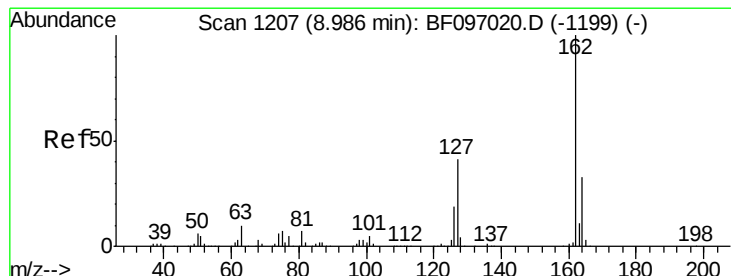
Instrument :
 BNA_F
 ClientSampleId :

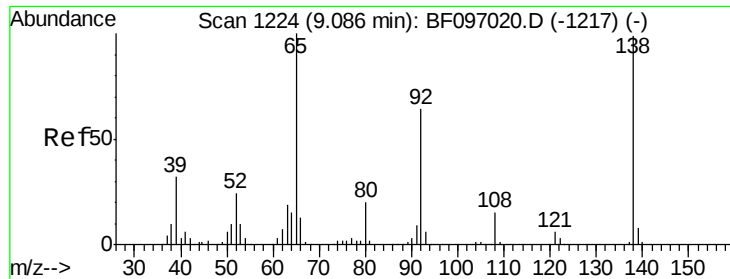
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.7	21.2	61.2
76	12.9	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 38.58 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

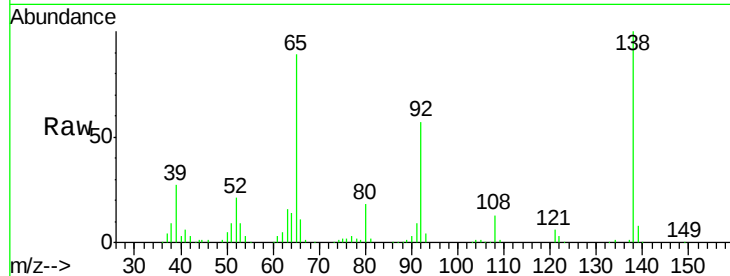




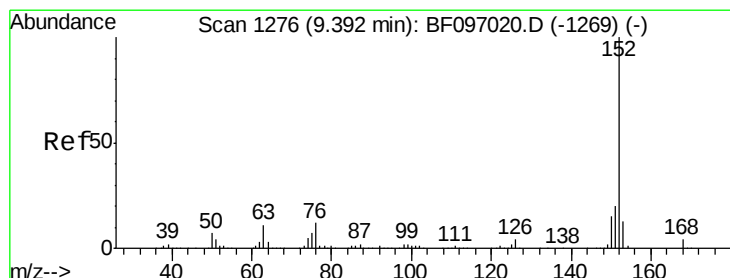
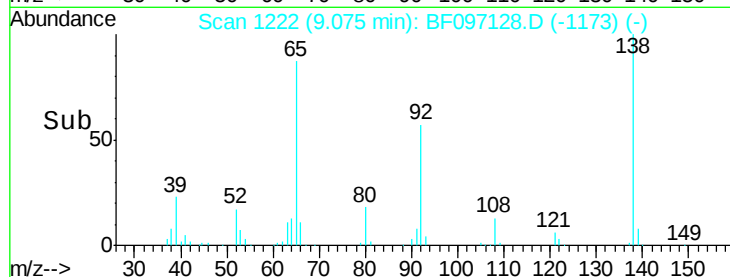
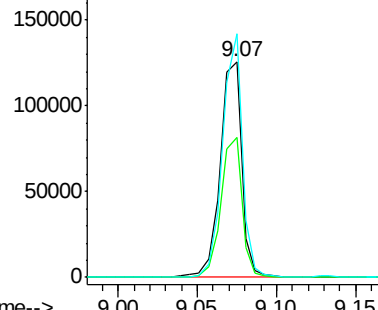
#47
2-Nitroaniline
Concen: 39.27 ng
RT: 9.07 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Instrument :
BNA_F
ClientSampleId :

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

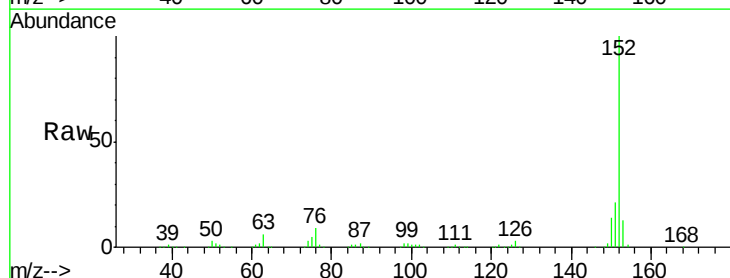


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

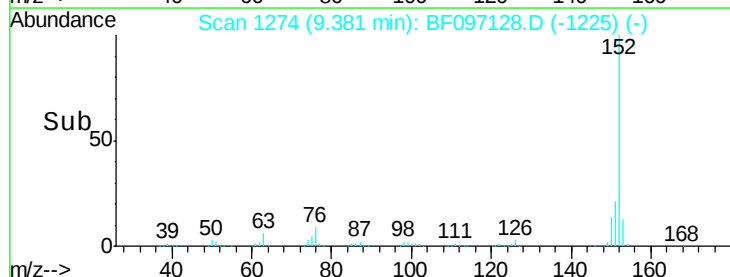
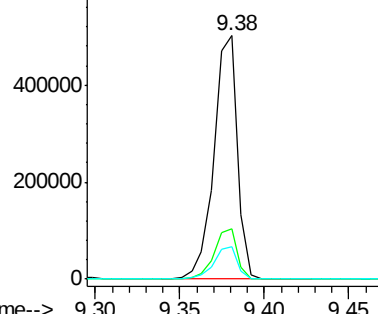


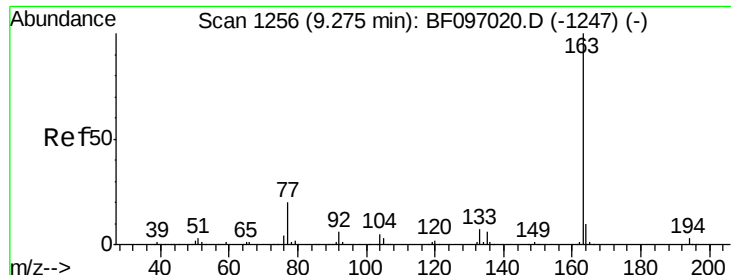
#48
Acenaphthylene
Concen: 37.89 ng
RT: 9.38 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

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



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

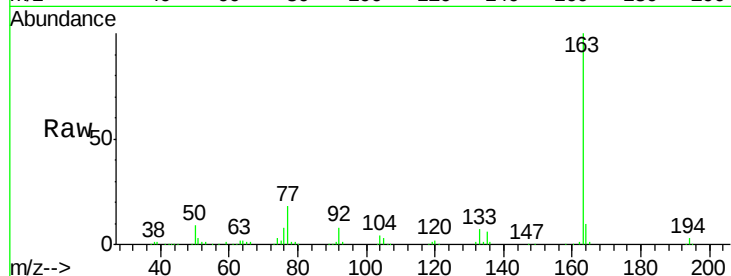




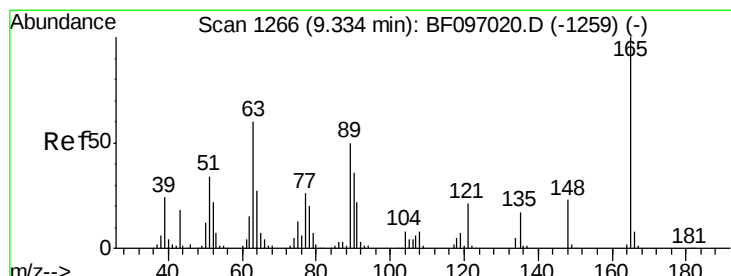
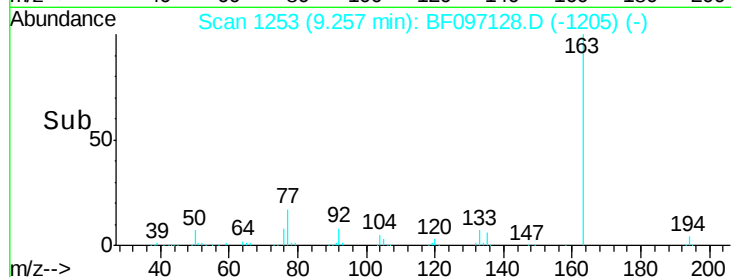
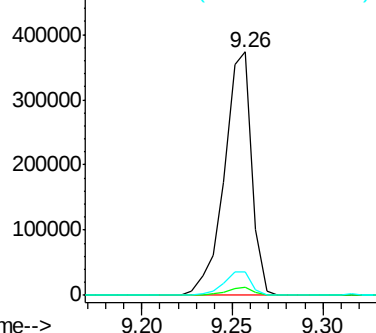
#49
Dimethylphthalate
Concen: 38.82 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.8	8.4	12.6

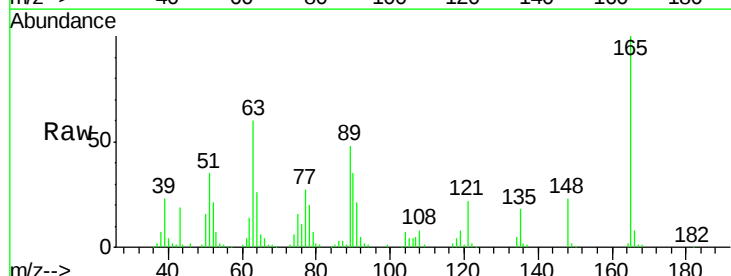


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

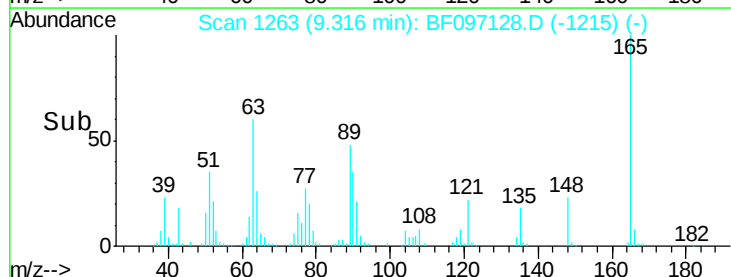
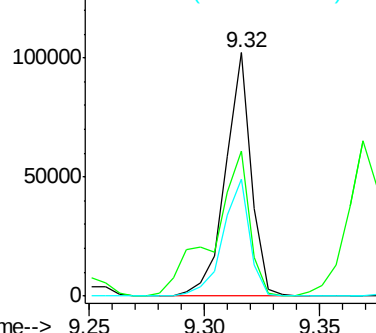


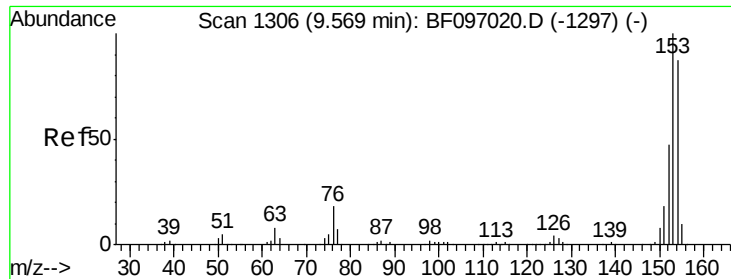
#50
2,6-Dinitrotoluene
Concen: 37.30 ng
RT: 9.32 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Tgt Ion	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

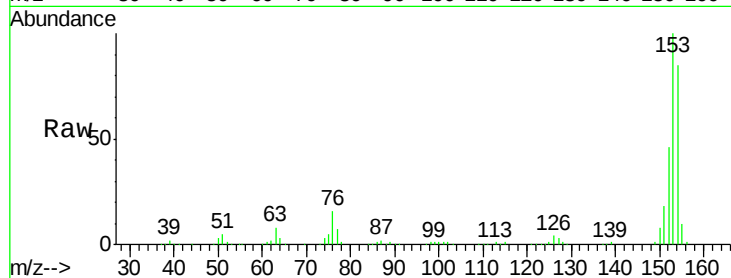




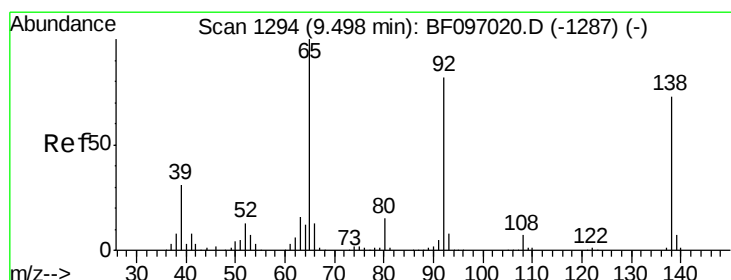
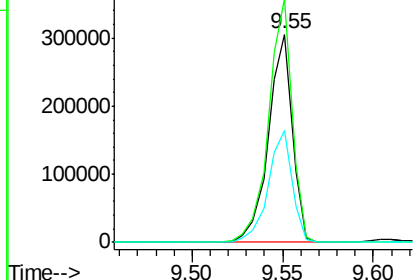
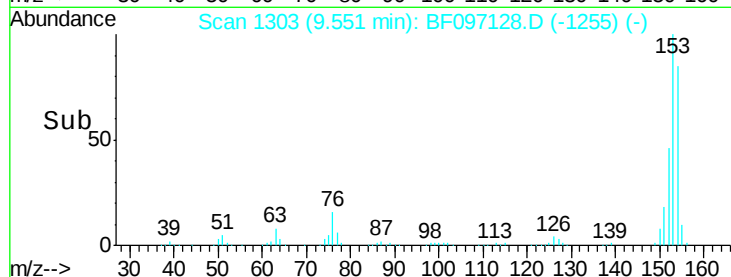
#51
Acenaphthene
Concen: 37.12 ng
RT: 9.55 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Instrument :
BNA_F
ClientSampled :

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

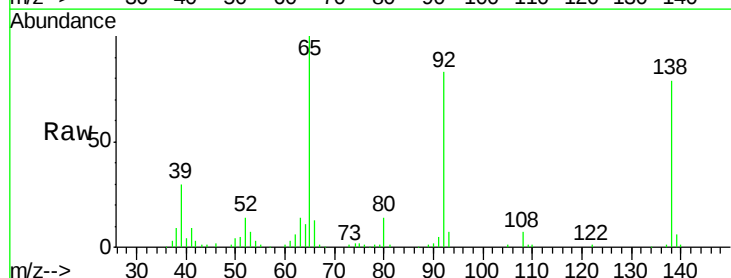


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

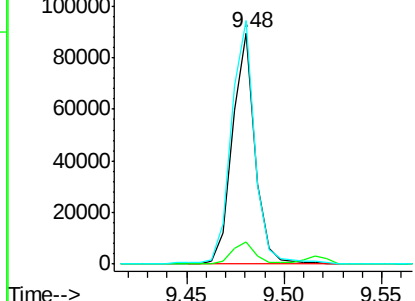
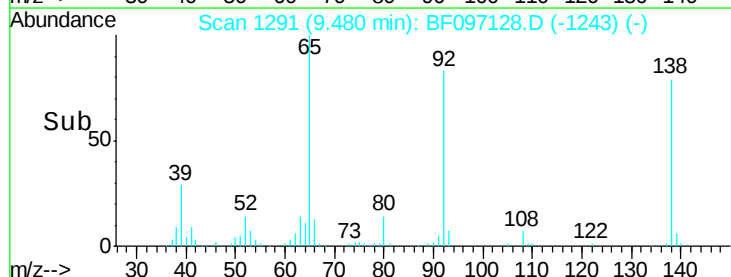


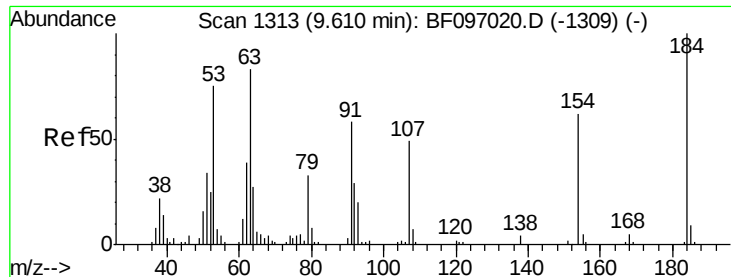
#52
3-Nitroaniline
Concen: 27.13 ng
RT: 9.48 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

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

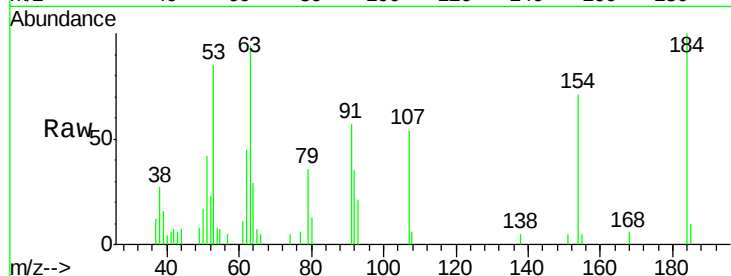




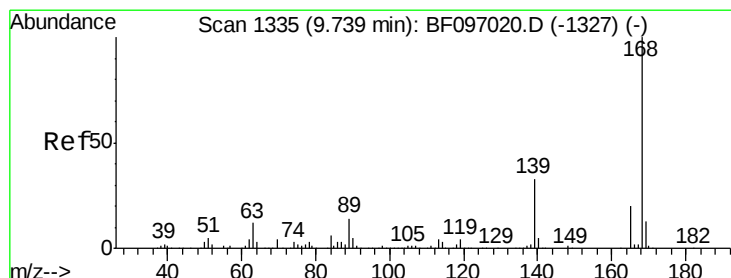
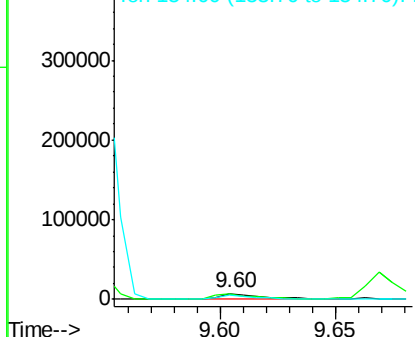
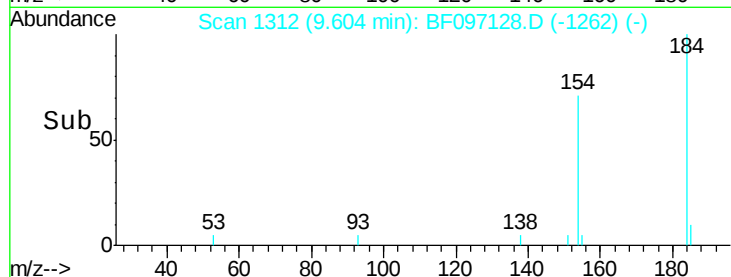
#53
2,4-Dinitrophenol
Concen: 10.05 ng
RT: 9.60 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Instrument :
BNA_F
ClientSampleId :

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#

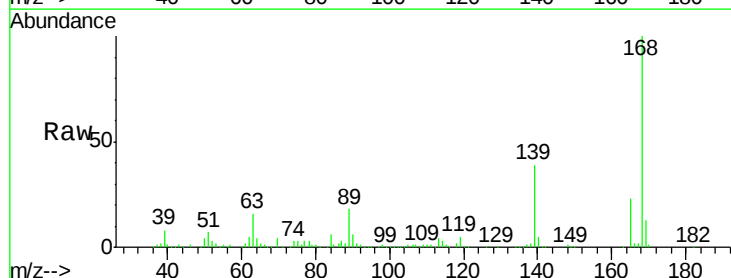


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

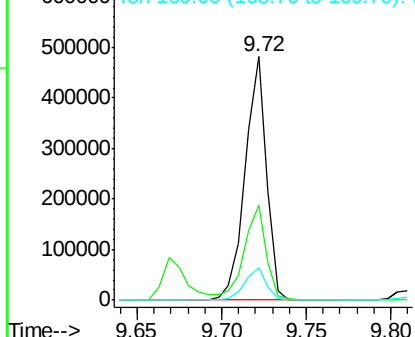
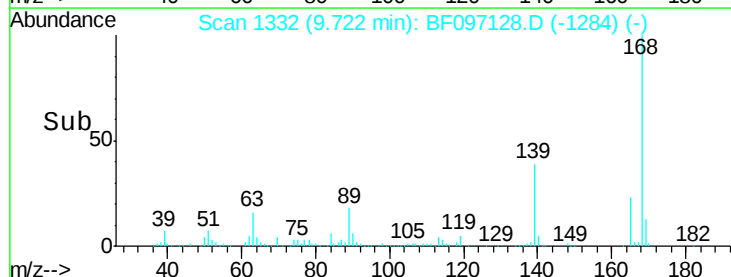


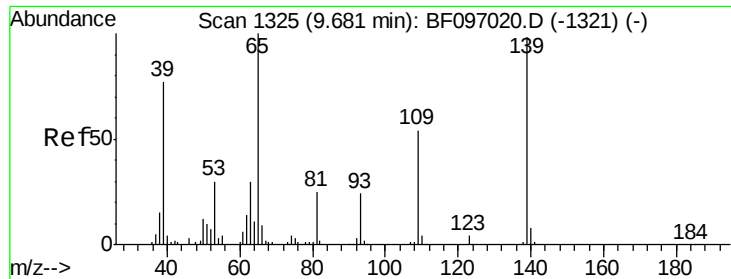
#54
Dibenzofuran
Concen: 42.24 ng
RT: 9.72 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

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



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

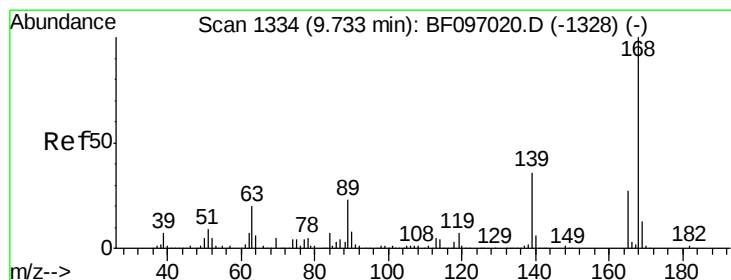
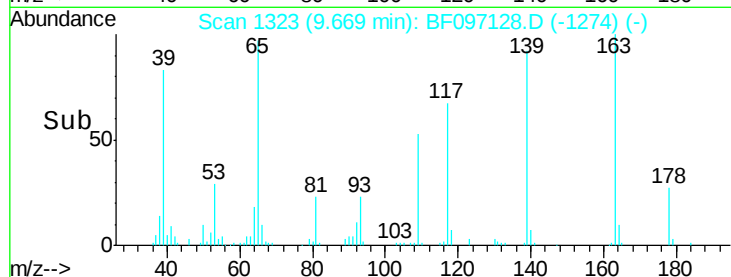
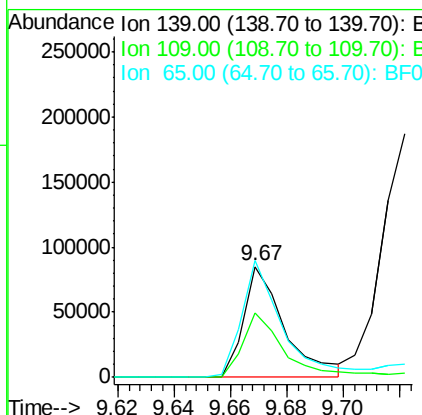
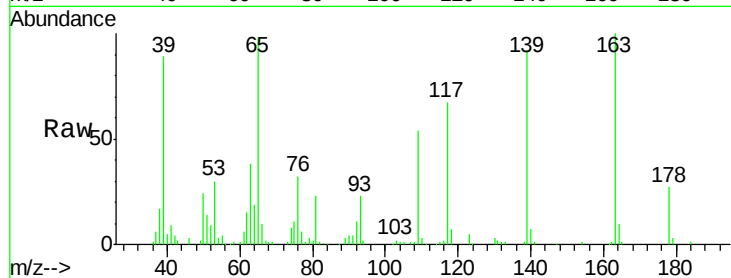




#55
4-Nitrophenol
Concen: 54.28 ng
RT: 9.67 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

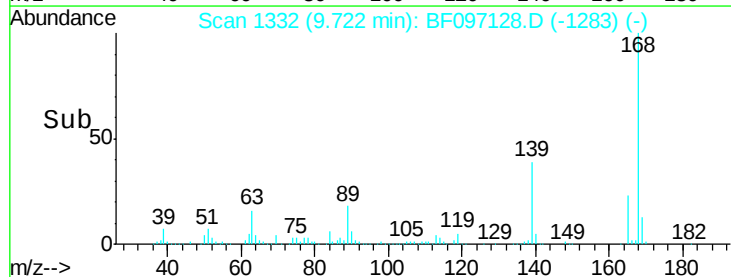
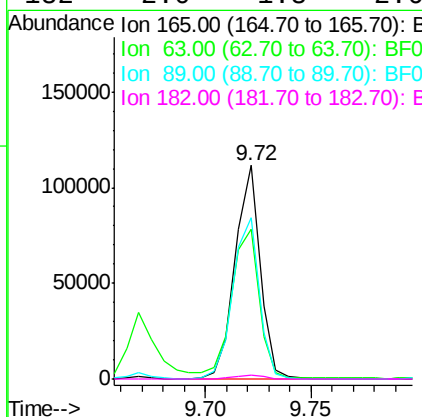
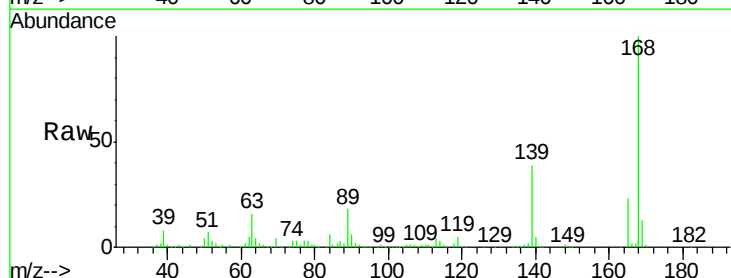
Instrument :
BNA_F
ClientSampled :

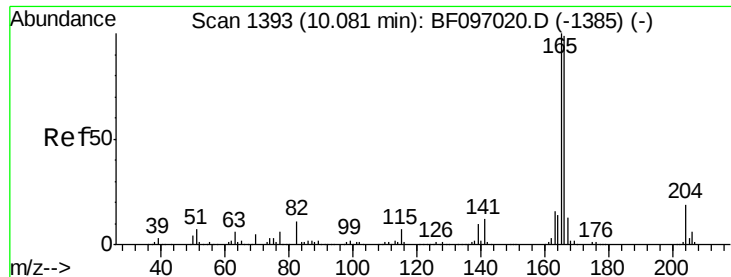
Tot Ion:139 Resp: 85615
Ion Ratio Lower Upper
139 100
109 58.5 34.1 74.1
65 106.1 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 37.15 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

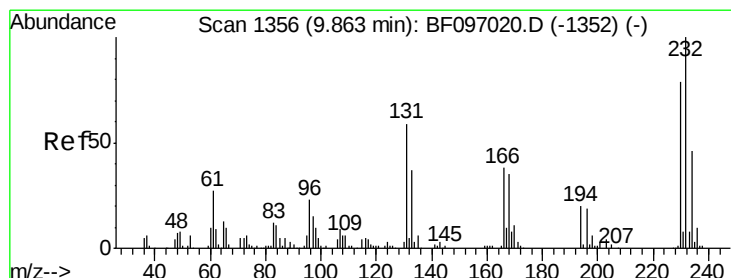
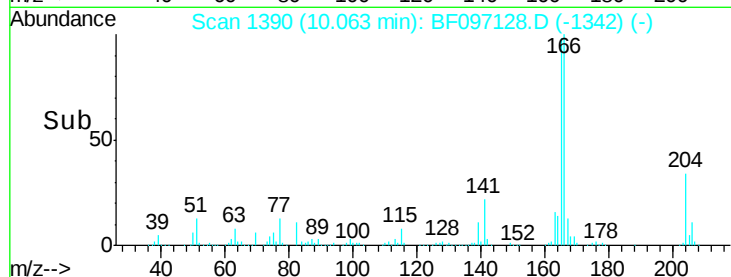
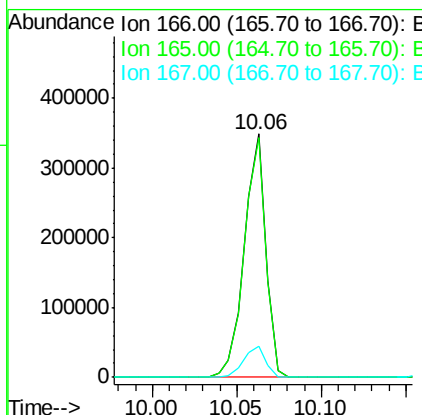
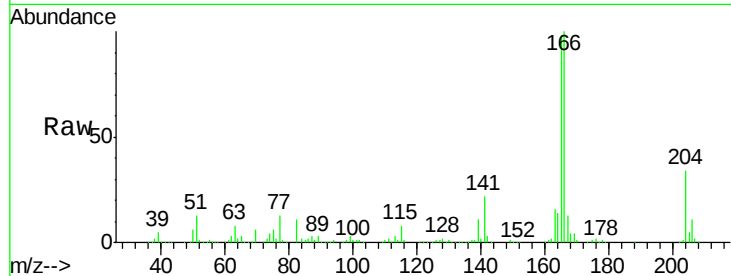




#57
 Fluorene
 Concen: 41.29 ng
 RT: 10.06 min Scan# 1390
 Delta R.T. -0.02 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

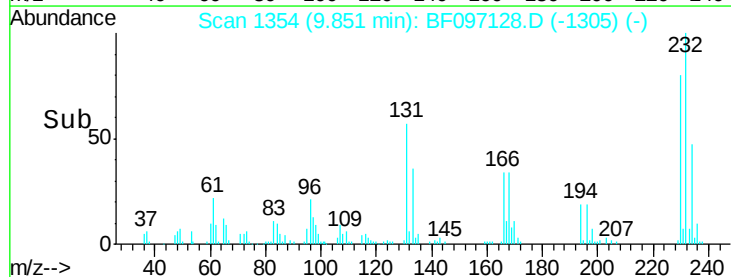
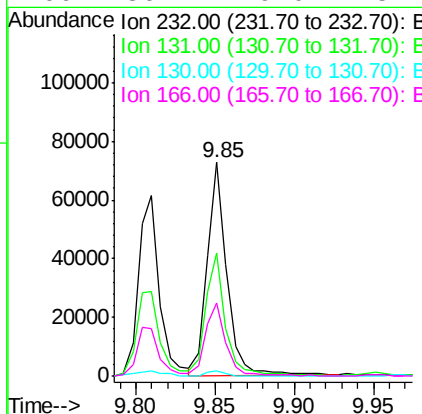
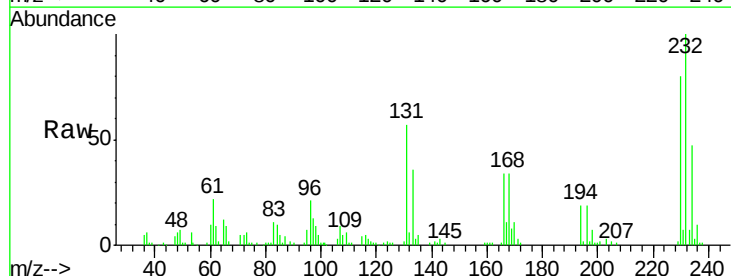
Instrument :
 BNA_F
 ClientSampleId :

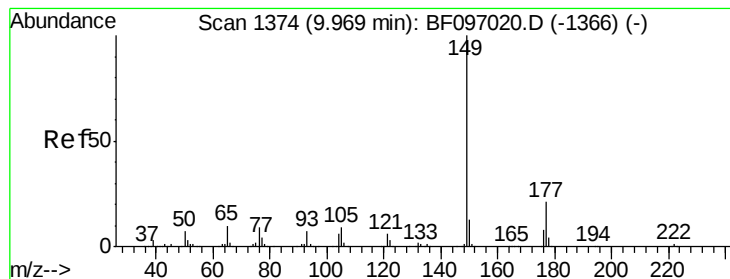
Tot Ion:166 Resp: 311618
 Ion Ratio Lower Upper
 166 100
 165 98.3 78.8 118.2
 167 12.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.70 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:232 Resp: 63287
 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: 39.36 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 :

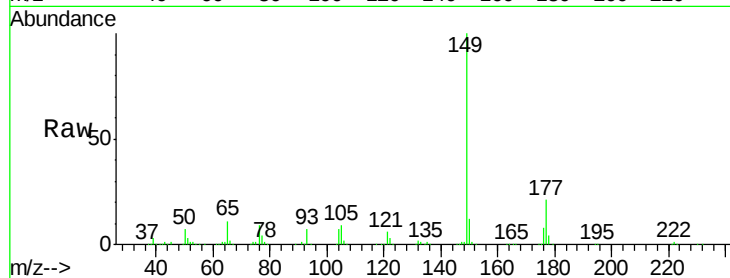
Tot Ion:149 Resp: 363777

Ion Ratio Lower Upper

149 100

177 20.6 16.7 25.1

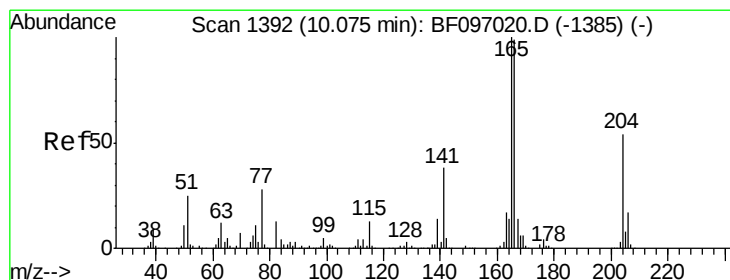
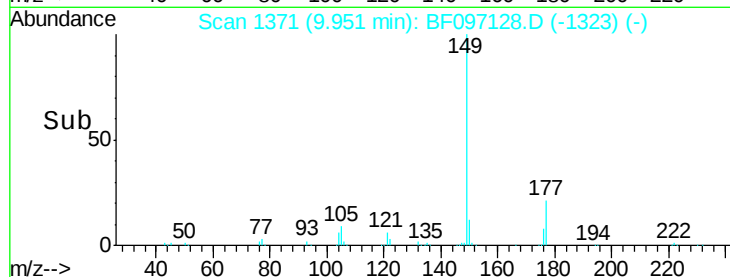
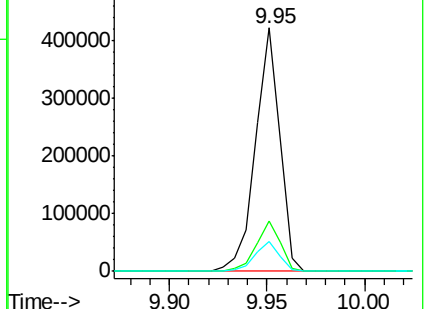
150 12.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.94 ng

RT: 10.06 min Scan# 1389

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

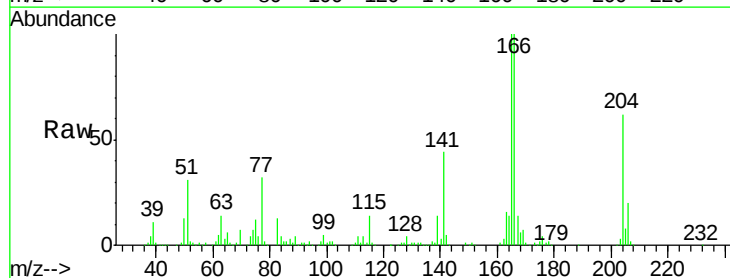
Tgt Ion:204 Resp: 136959

Ion Ratio Lower Upper

204 100

206 31.7 26.2 39.2

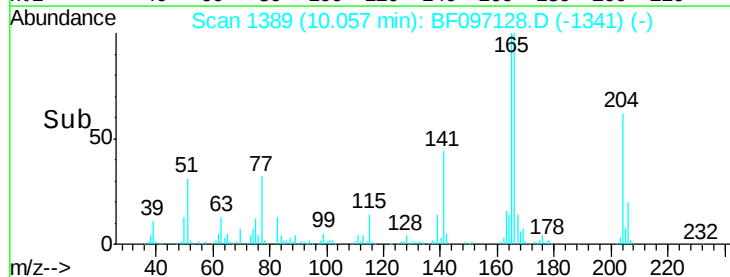
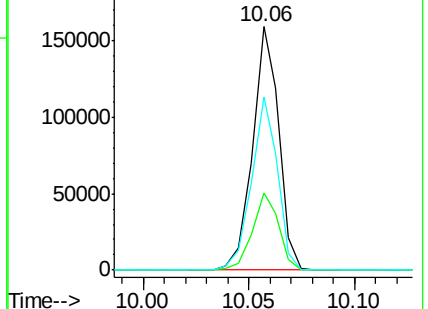
141 71.4 60.8 91.2

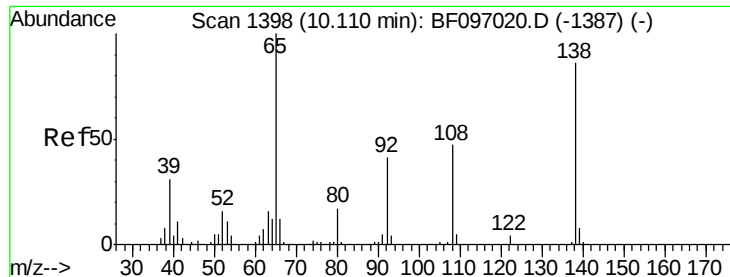


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.90 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

ClientSampled :

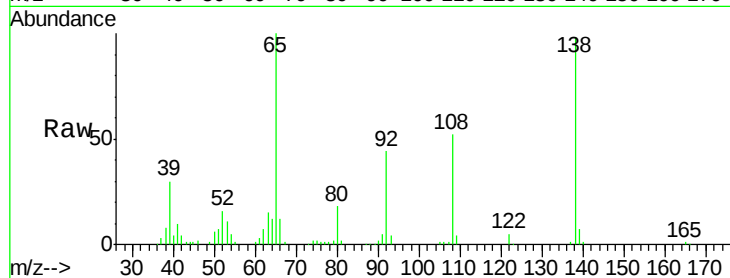
Tot Ion:138 Resp: 92979

Ion Ratio Lower Upper

138 100

92 45.0 21.8 61.8

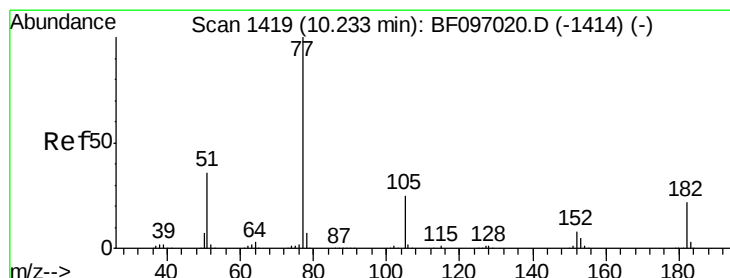
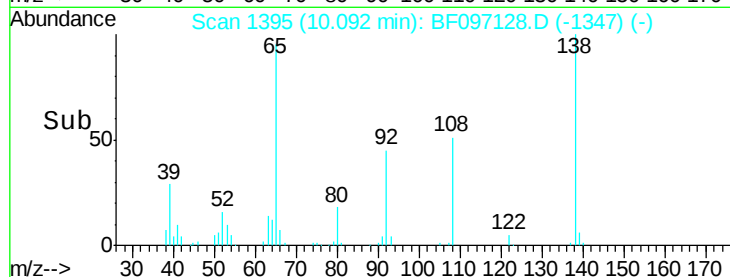
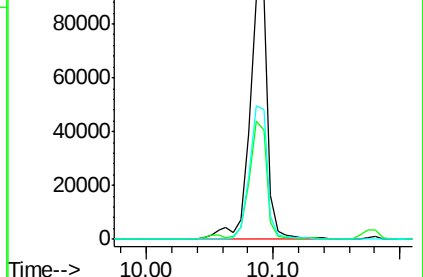
108 53.1 42.3 82.3



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: 38.45 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

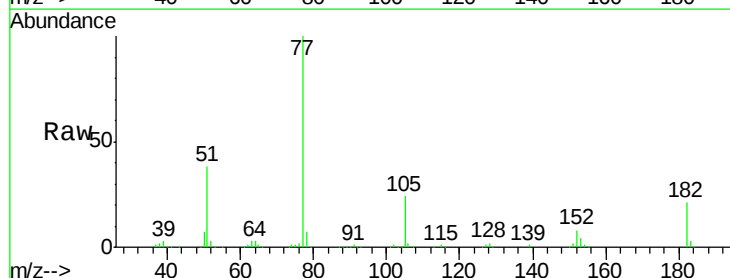
Ion Ratio Lower Upper

77 100

182 20.9 0.1 40.1

105 23.9 3.6 43.6

51 37.9 9.4 49.4

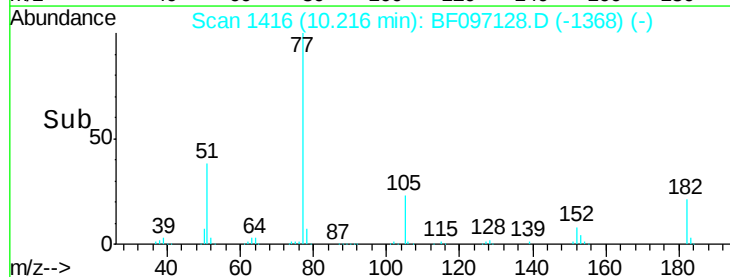
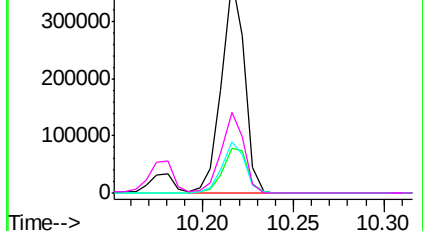


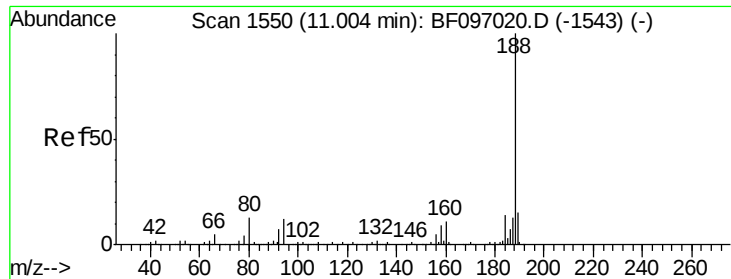
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 20.00 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 :

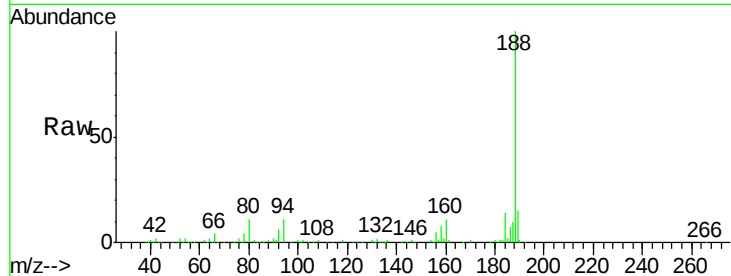
Tot Ion:188 Resp: 180714

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

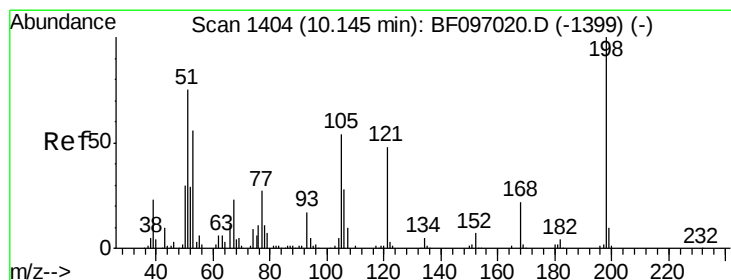
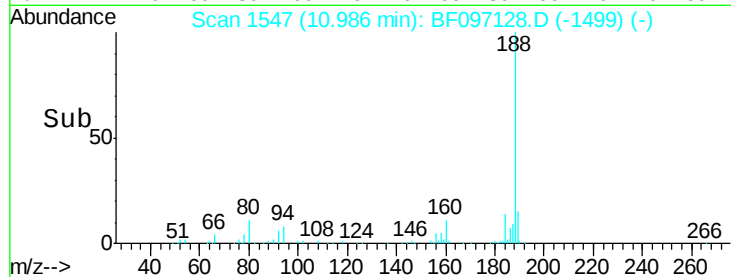
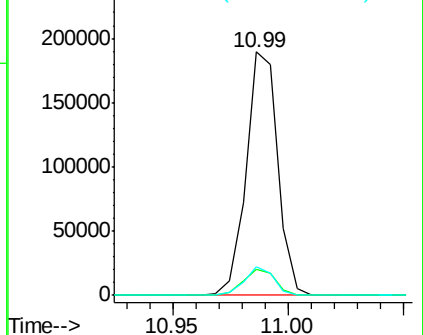
80 11.5 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 10.04 ng

RT: 10.13 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

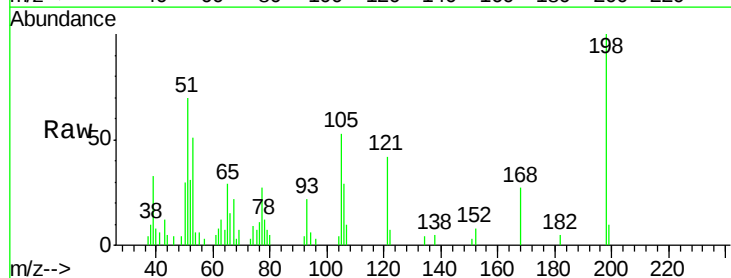
Tgt Ion:198 Resp: 11271

Ion Ratio Lower Upper

198 100

51 69.5 53.2 93.2

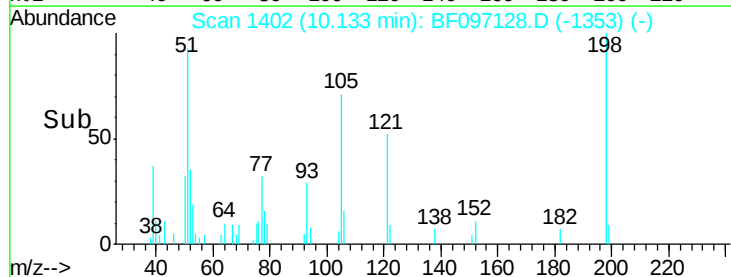
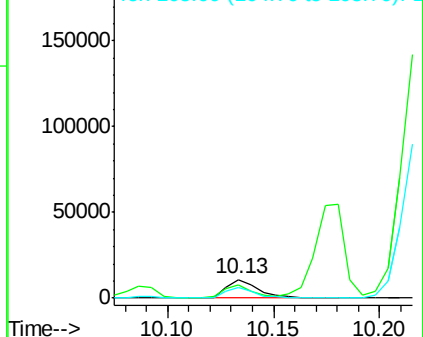
105 53.1 45.8 85.8

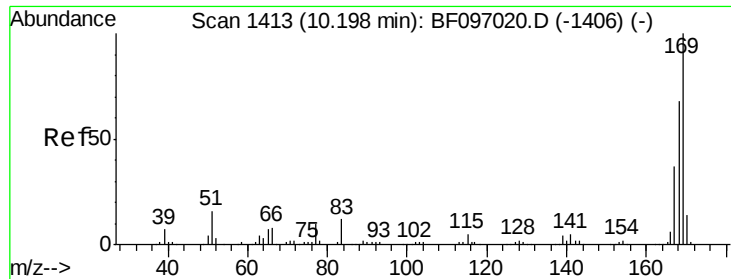


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

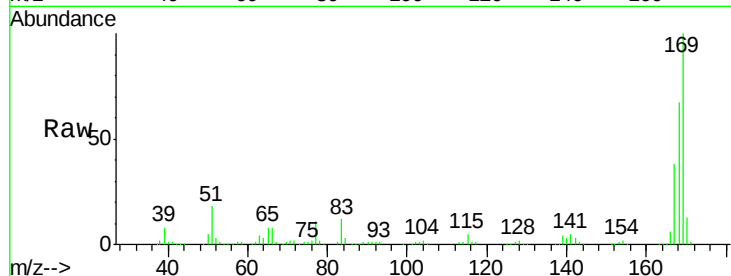




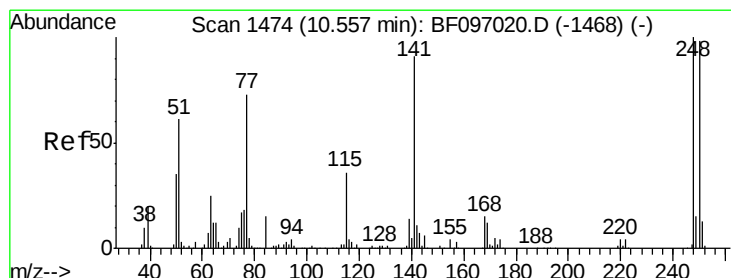
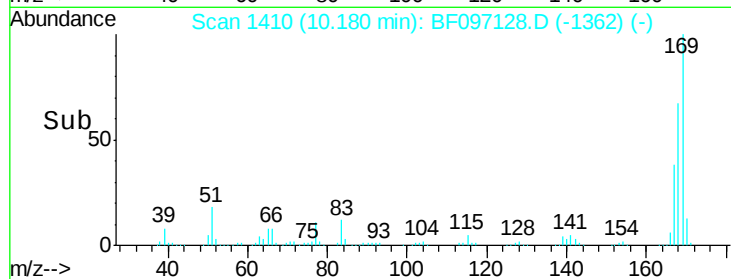
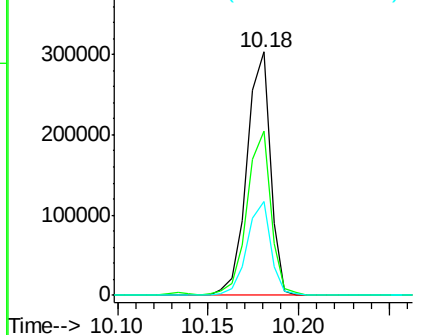
#65
 n-Nitrosodiphenylamine
 Concen: 43.77 ng
 RT: 10.18 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :

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

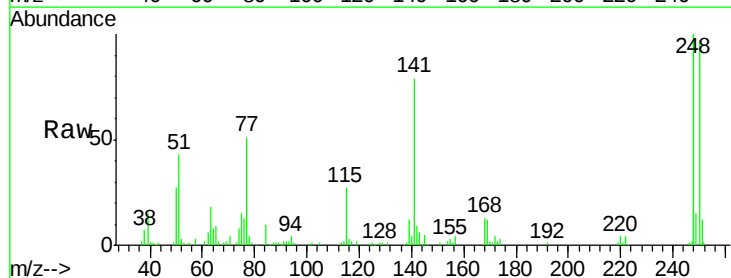


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

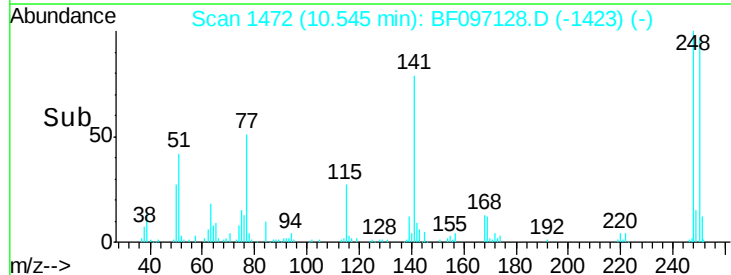
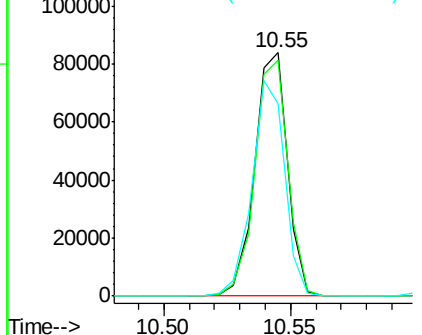


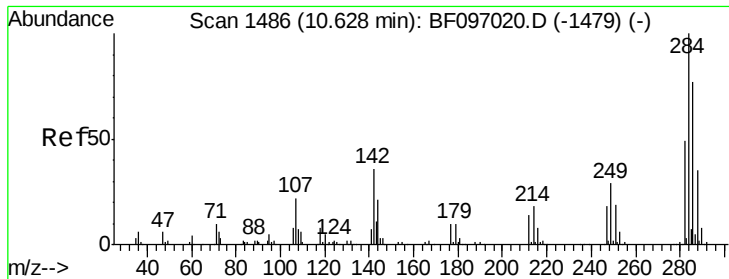
#66
 4-Bromophenyl-phenylether
 Concen: 42.10 ng
 RT: 10.55 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

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



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

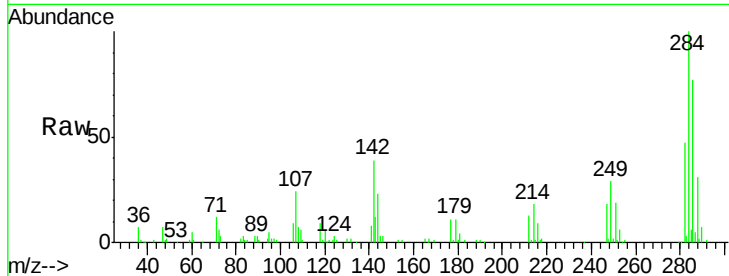




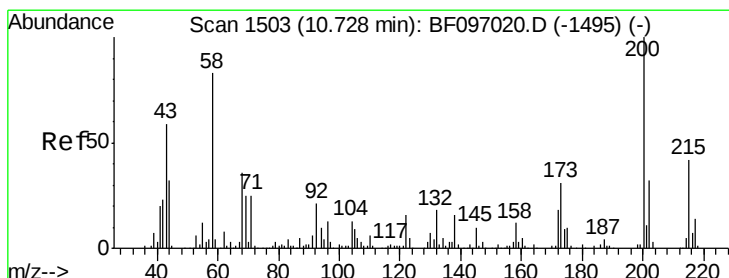
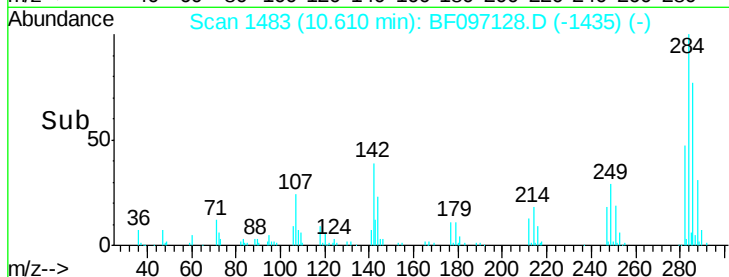
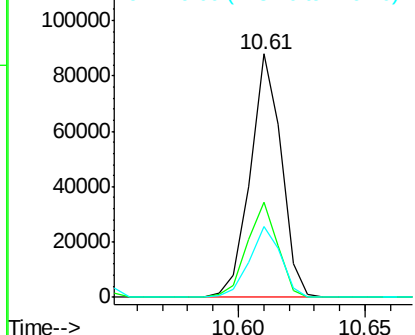
#67
Hexachlorobenzene
Concen: 37.24 ng
RT: 10.61 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Instrument :
BNA_F
ClientSampled :

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

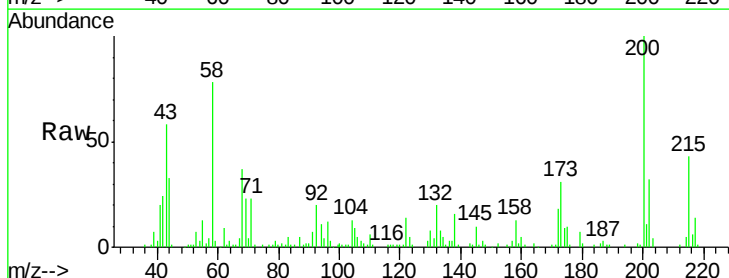


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

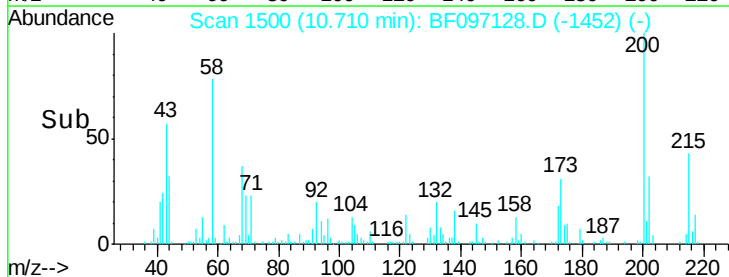
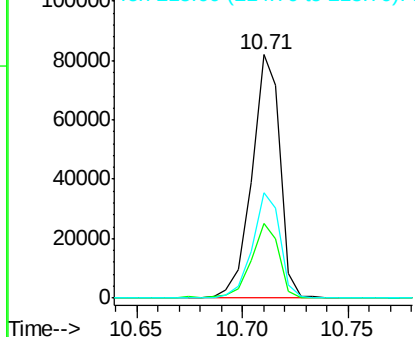


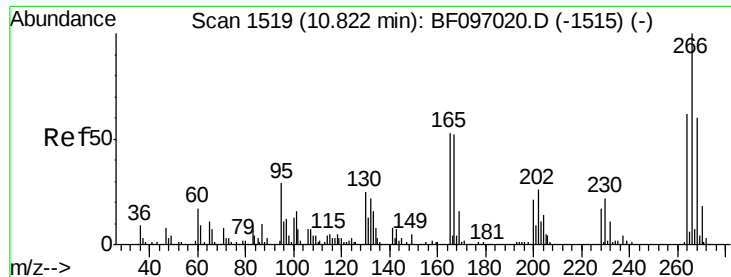
#68
Atrazine
Concen: 42.10 ng
RT: 10.71 min Scan# 1500
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

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

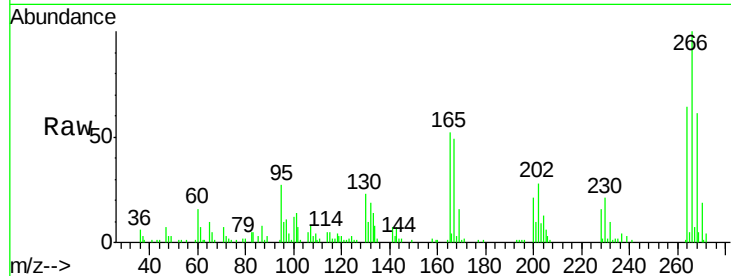




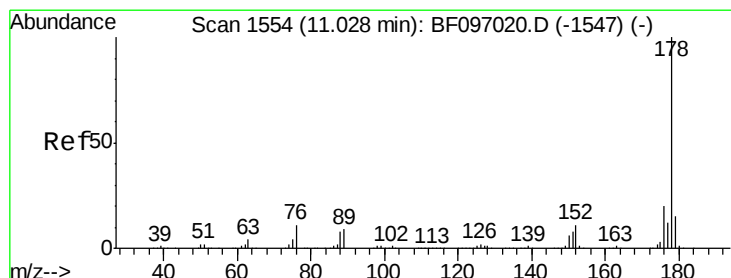
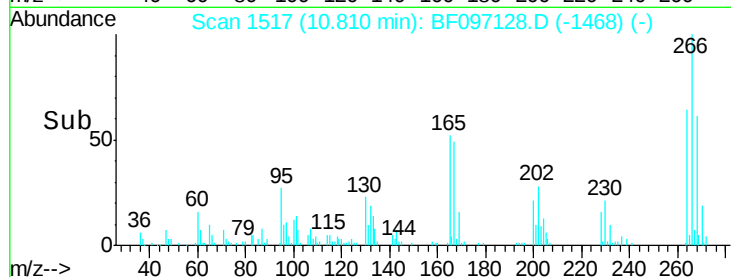
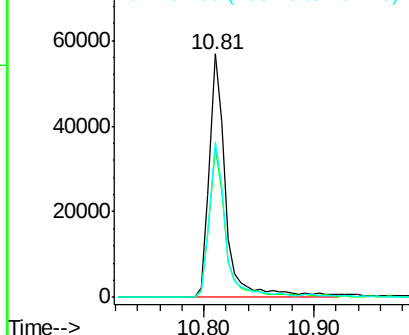
#69
 Pentachlorophenol
 Concen: 69.12 ng
 RT: 10.81 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :

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

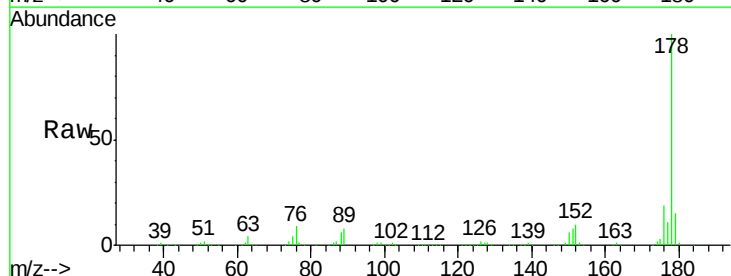


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

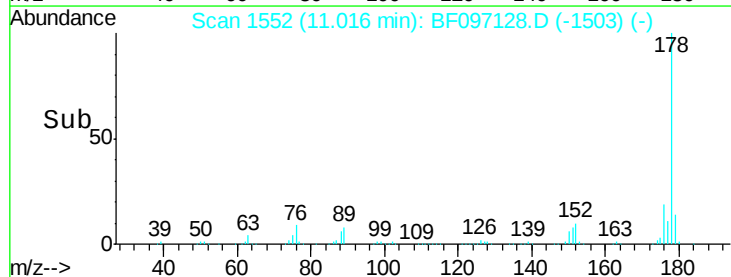
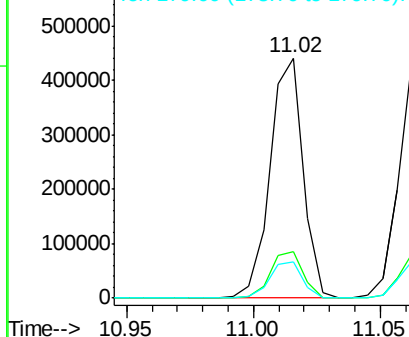


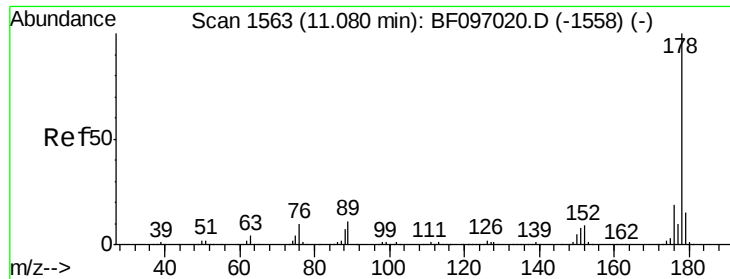
#70
 Phenanthrene
 Concen: 41.73 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

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

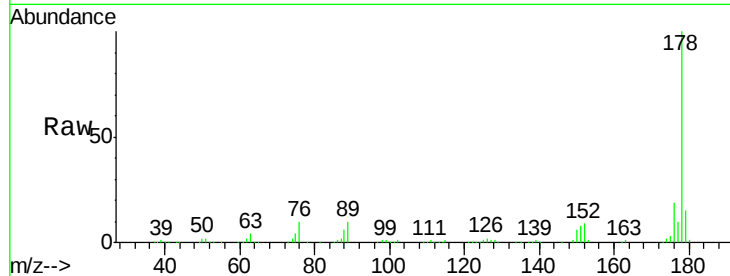




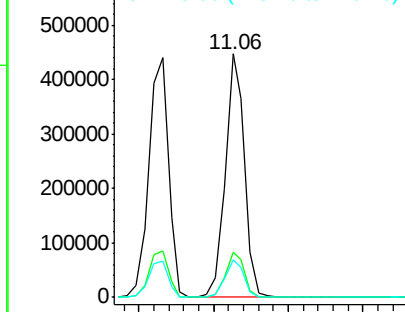
#71
 Anthracene
 Concen: 41.00 ng
 RT: 11.06 min Scan# 1560
 Delta R.T. -0.02 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :

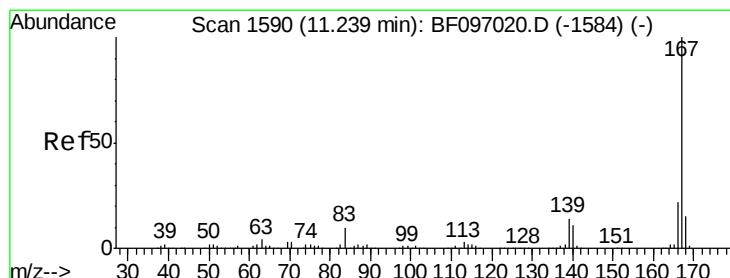
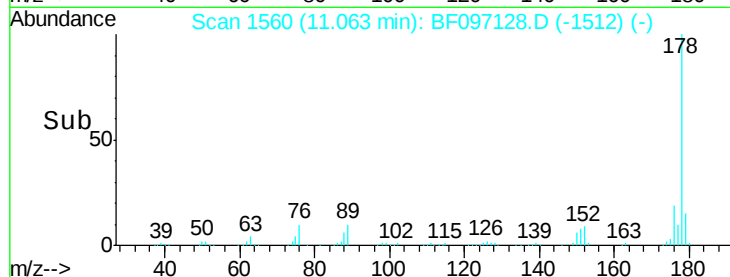
Tot Ion:178 Resp: 406644
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.4 12.7 19.1



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

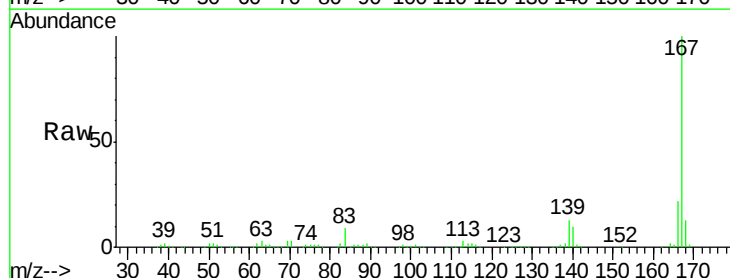


Time-->

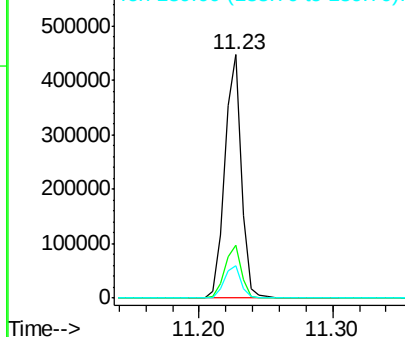


#72
 Carbazole
 Concen: 40.15 ng
 RT: 11.23 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

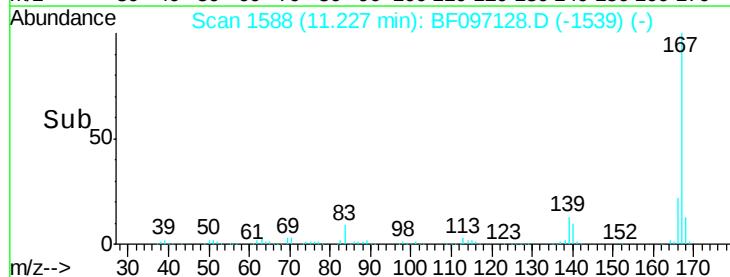
Tgt Ion:167 Resp: 391550
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.1 27.1
 139 13.3 11.7 17.5

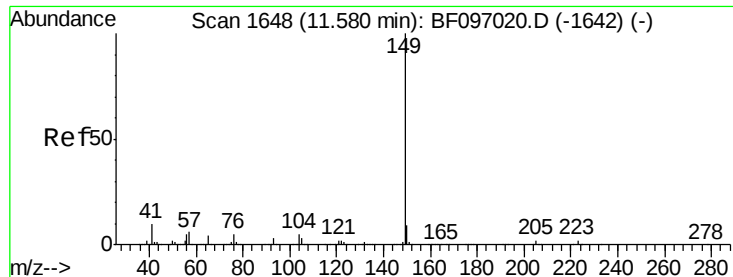


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 46.07 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 :

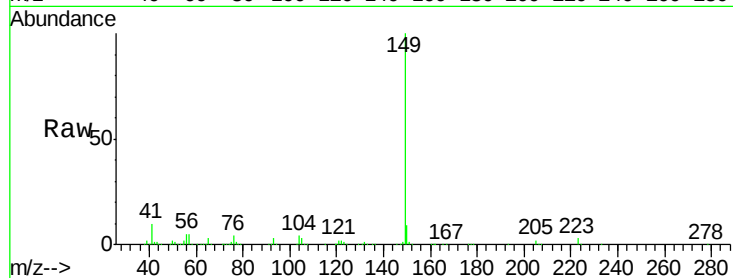
Tot Ion:149 Resp: 555419

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

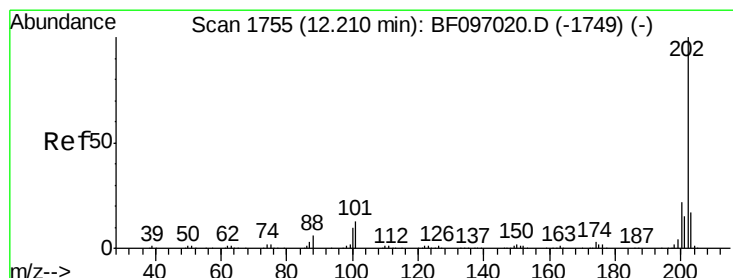
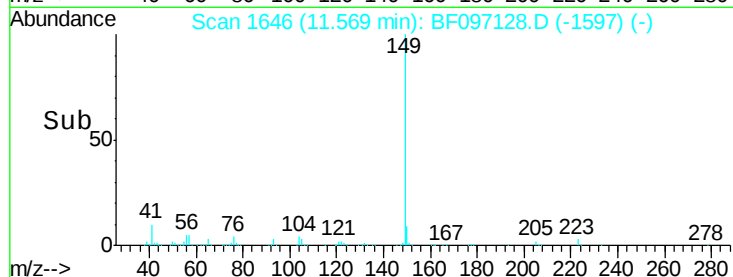
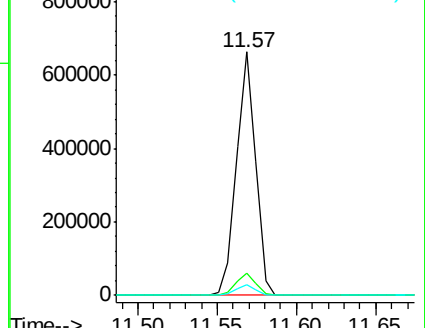
104 4.4 4.0 6.0



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: 42.34 ng

RT: 12.19 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

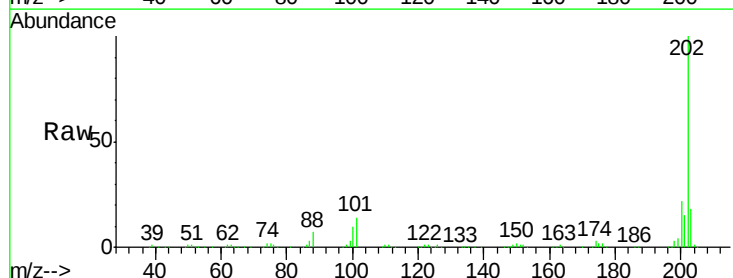
Tgt Ion:202 Resp: 401651

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.2

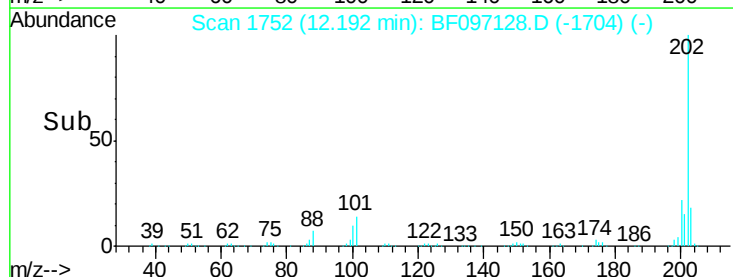
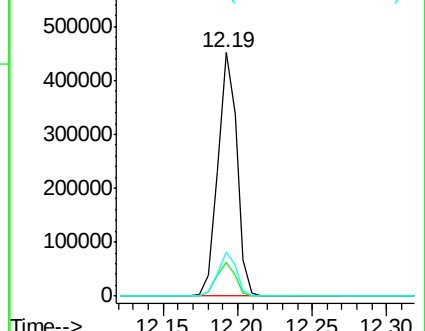
203 18.0 0.0 38.1

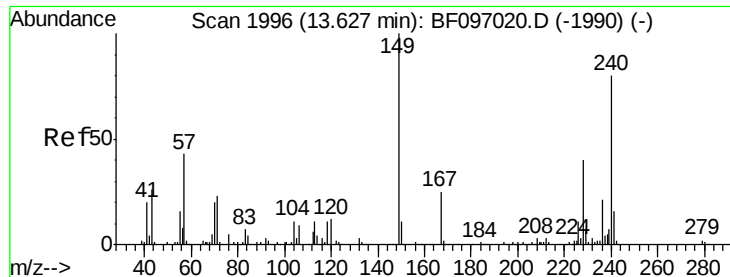


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 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 :

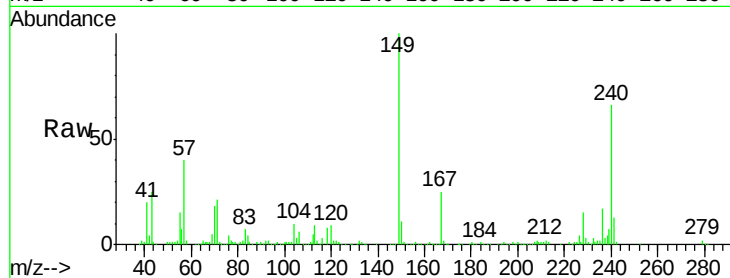
Tot Ion:240 Resp: 136130

Ion Ratio Lower Upper

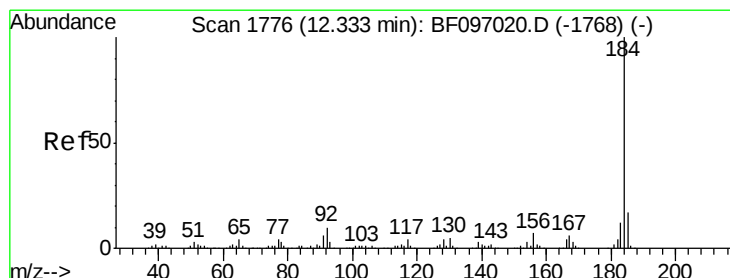
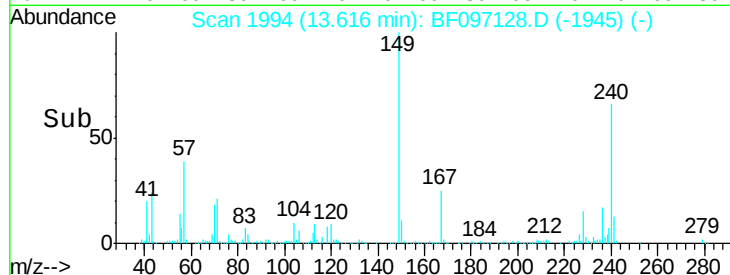
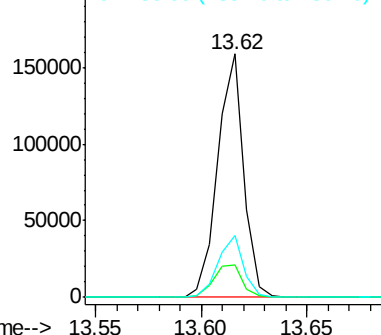
240 100

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: 34.73 ng

RT: 12.32 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

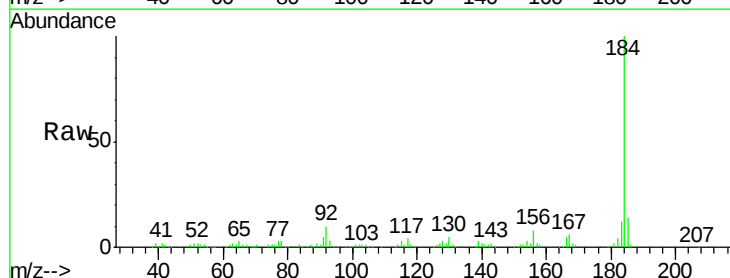
Tgt Ion:184 Resp: 175411

Ion Ratio Lower Upper

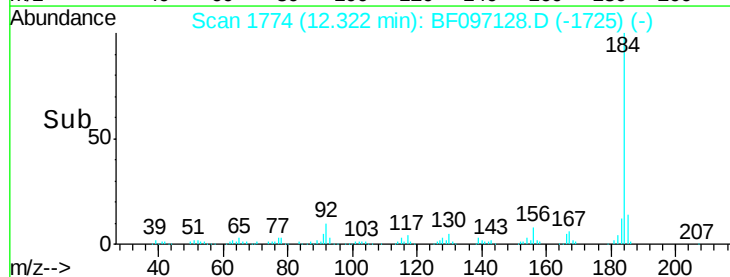
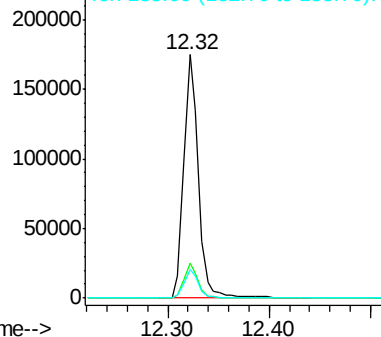
184 100

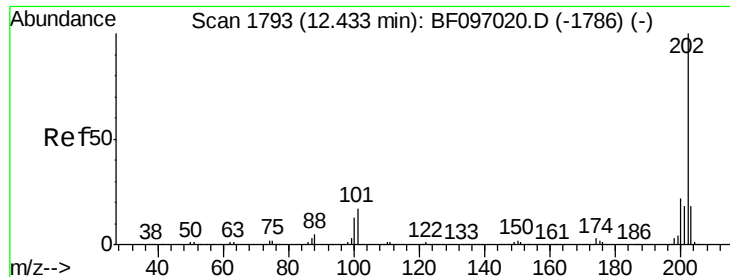
185 14.3 15.5 23.3#

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

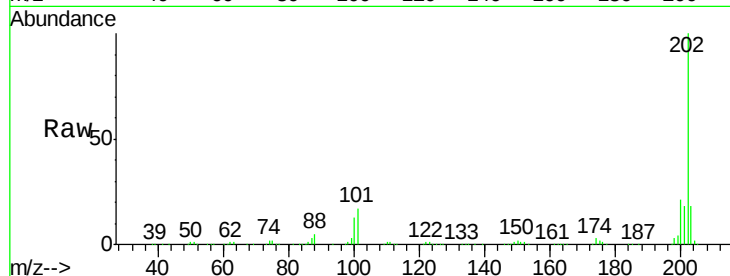




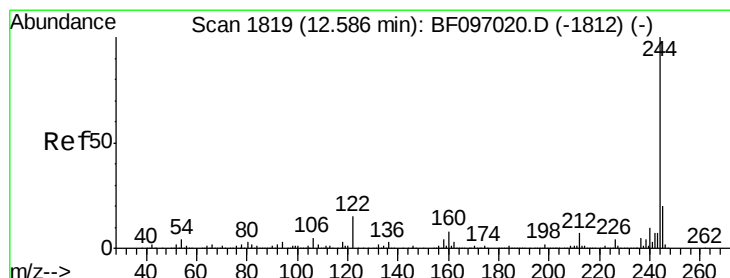
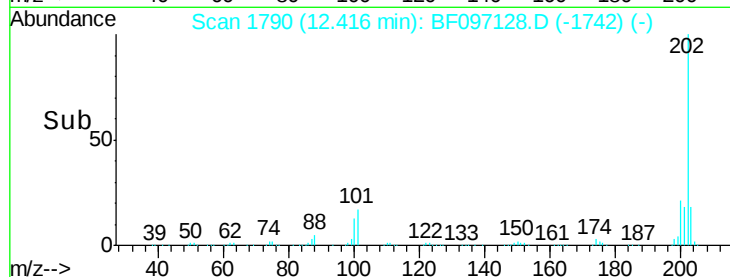
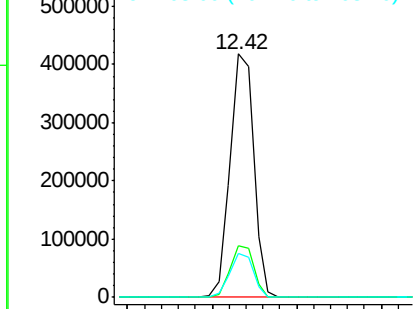
#77
Pvrene
Concen: 36.53 ng
RT: 12.42 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Instrument :
BNA_F
ClientSampleId :

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

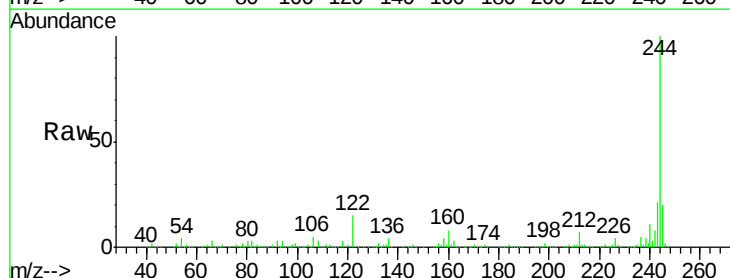


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

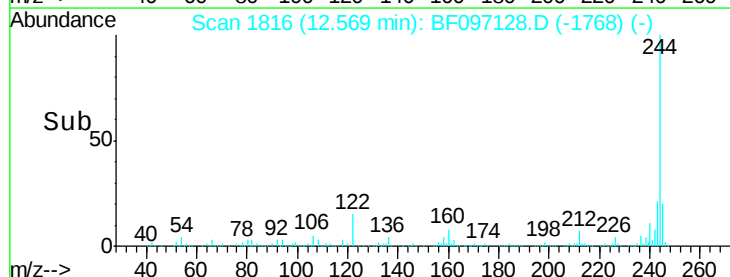
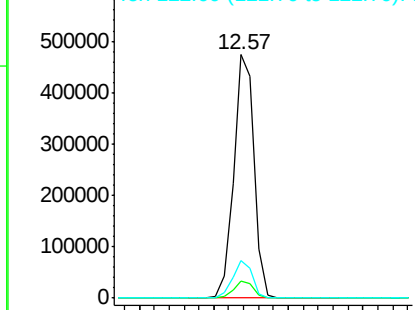


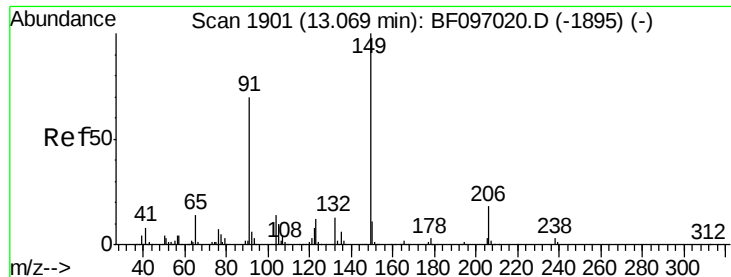
#78
Terphenyl-d14
Concen: 67.64 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

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

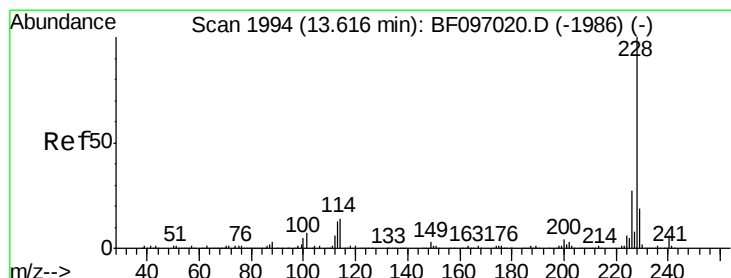
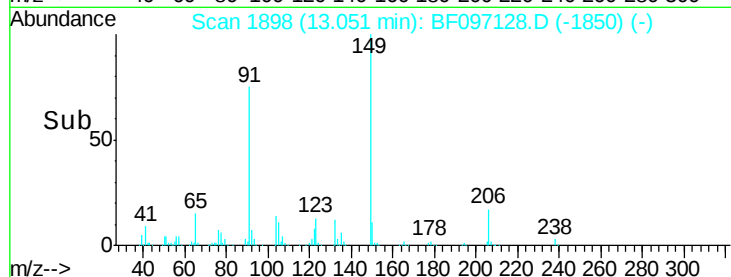
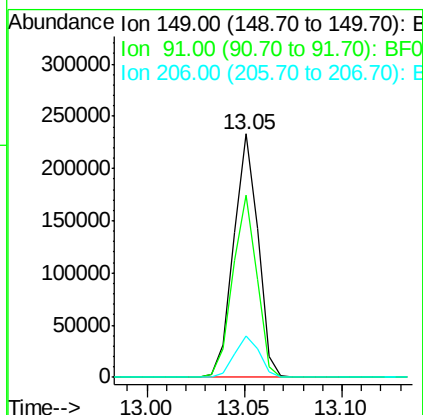
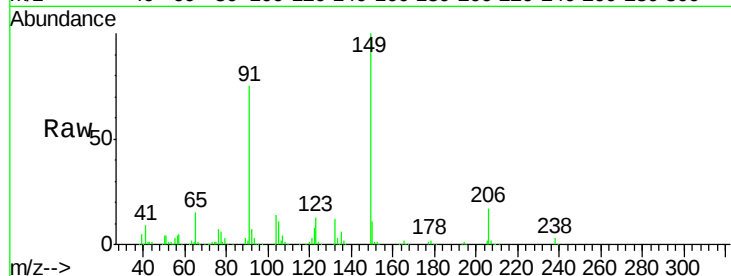




#79
Butylbenzylphthalate
Concen: 35.58 ng
RT: 13.05 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

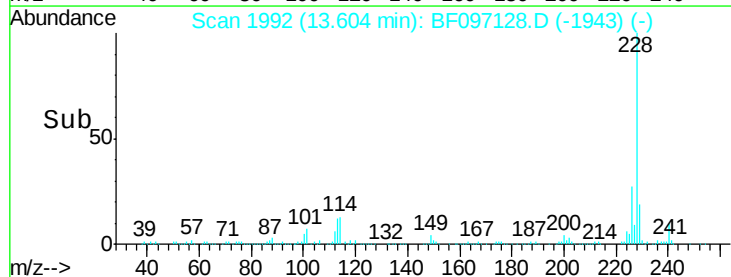
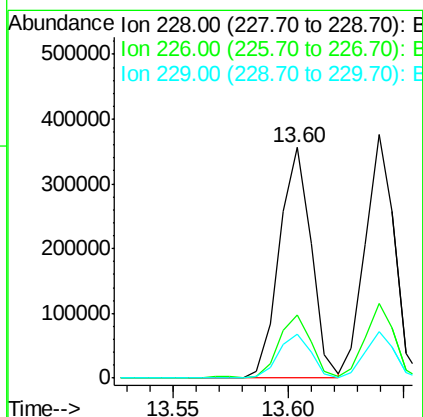
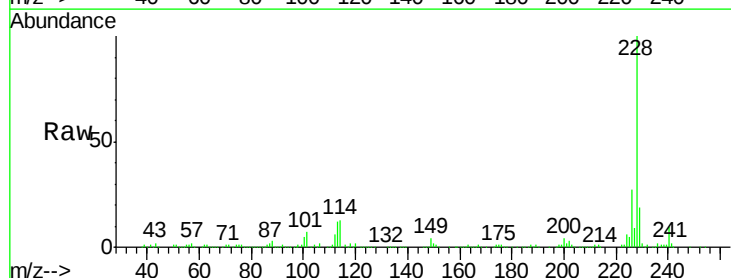
Instrument :
BNA_F
ClientSampleId :

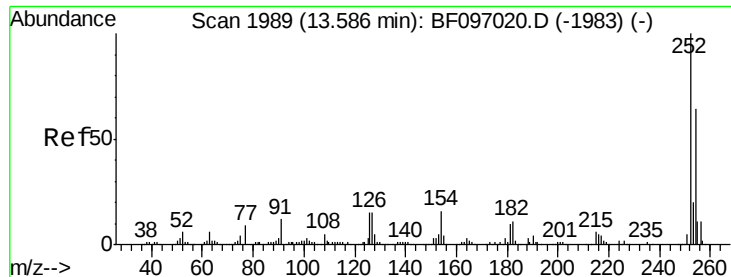
Tot Ion:149 Resp: 201680
Ion Ratio Lower Upper
149 100
91 74.6 45.0 67.4#
206 17.0 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 38.47 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

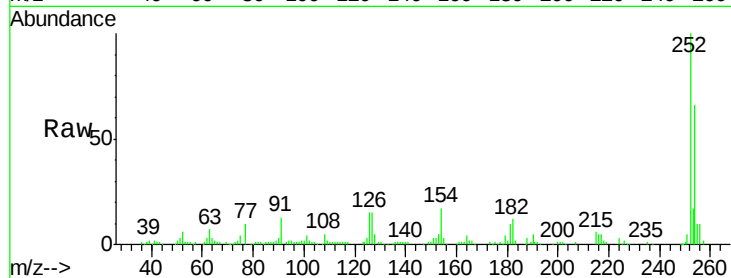




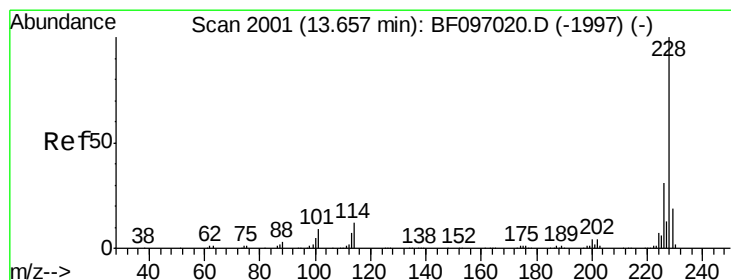
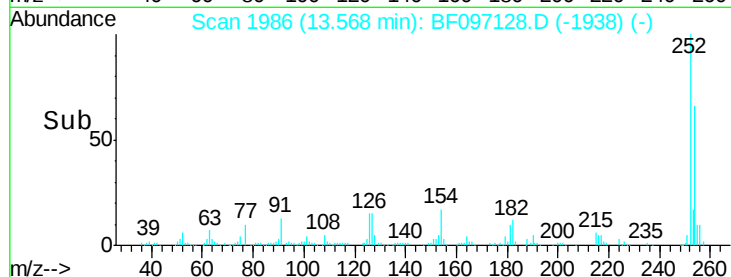
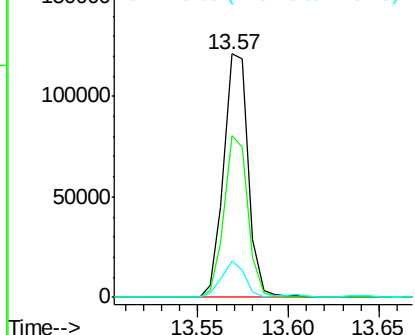
#81
 3,3'-Dichlorobenzidine
 Concen: 34.74 ng
 RT: 13.57 min Scan# 1986
 Delta R.T. -0.02 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :

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#

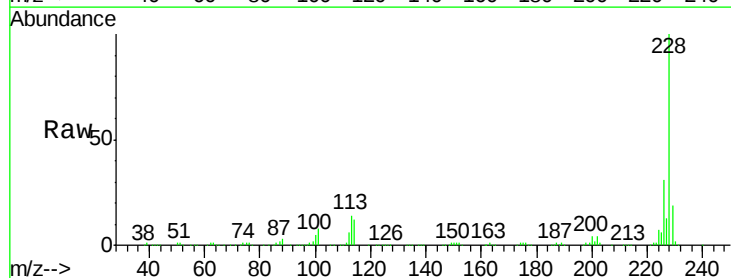


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

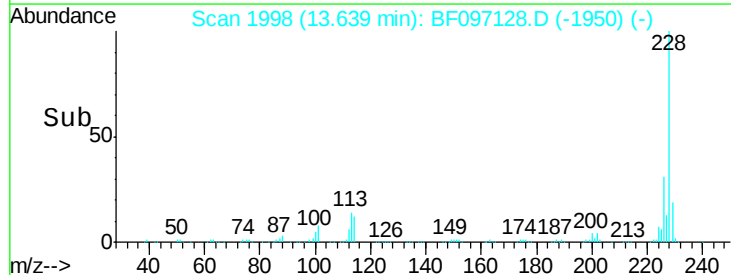
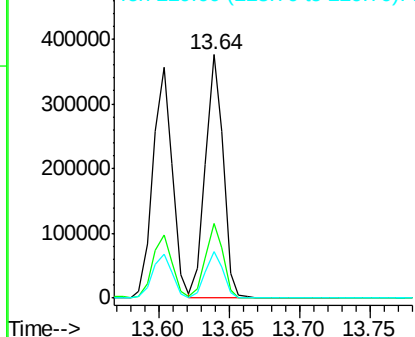


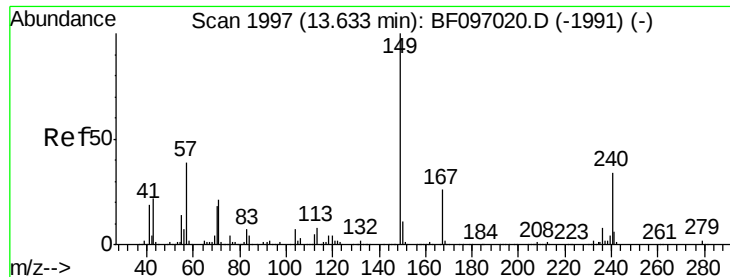
#82
 Chrysene
 Concen: 38.56 ng
 RT: 13.64 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

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: 34.68 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 :

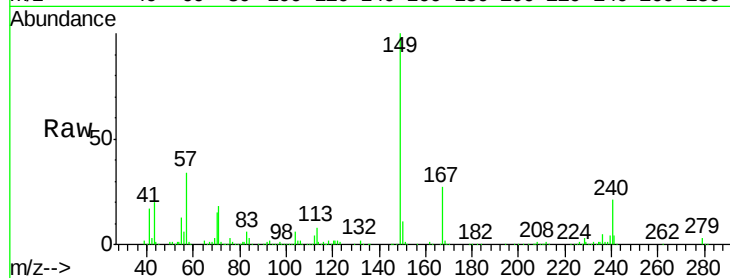
Tot Ion:149 Resp: 256715

Ion Ratio Lower Upper

149 100

167 27.2 21.0 31.4

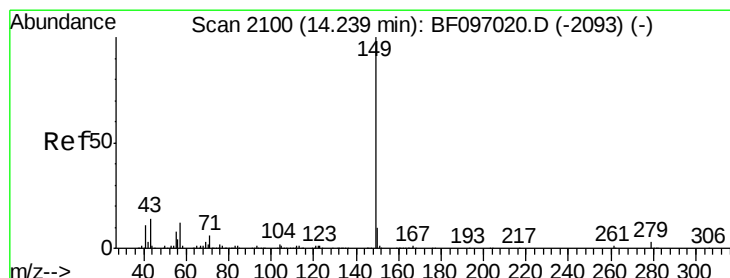
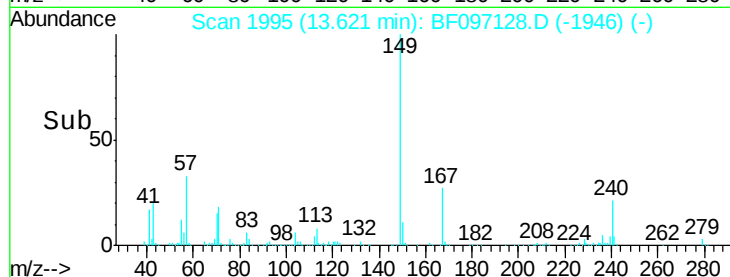
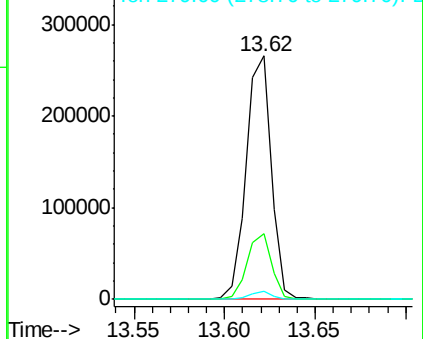
279 3.1 1.9 2.9#



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: 36.98 ng

RT: 14.23 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

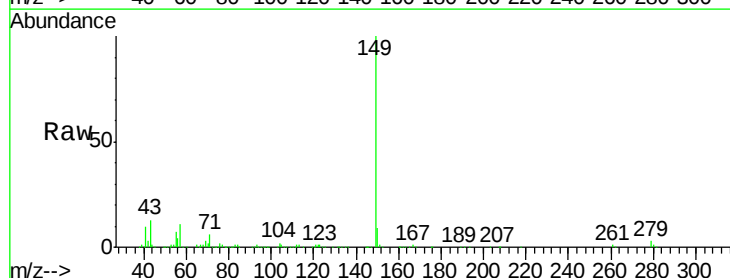
Tgt Ion:149 Resp: 502304

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

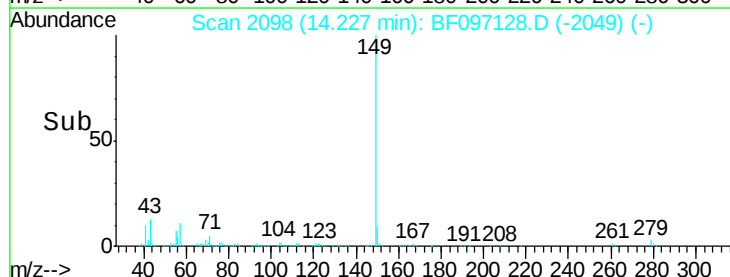
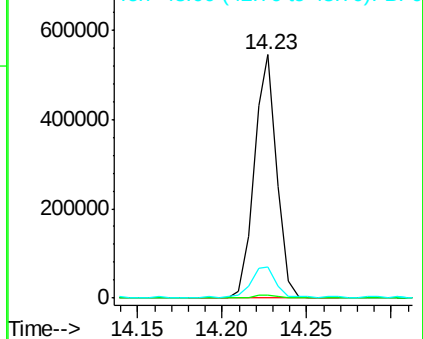
43 13.6 8.5 12.7#

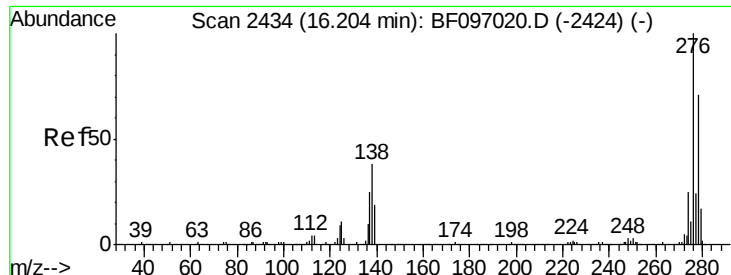


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

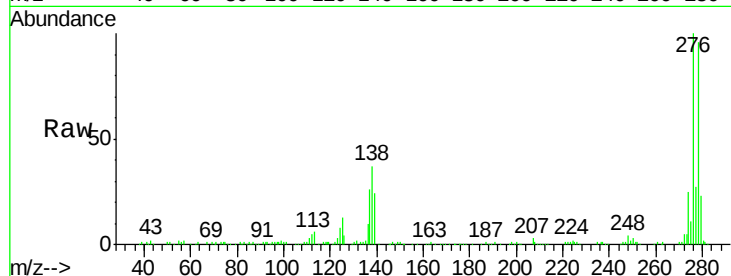




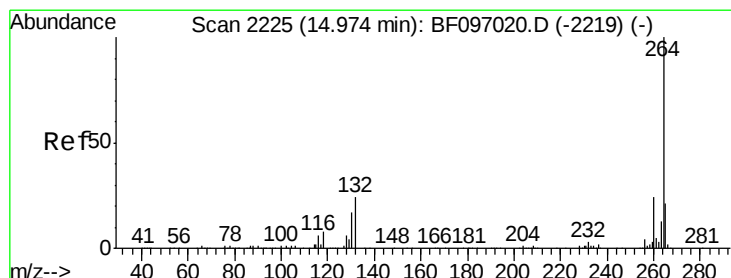
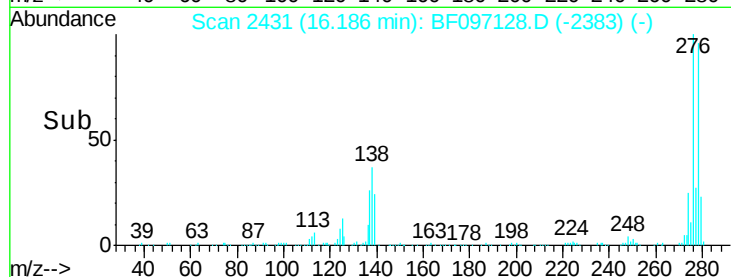
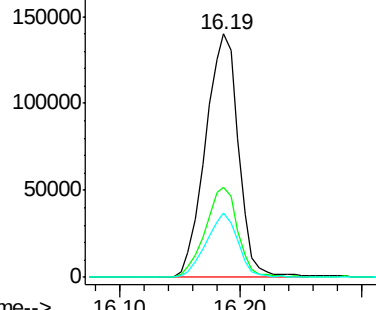
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.26 ng
RT: 16.19 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.8	27.8	41.6
277	25.6	20.2	30.4

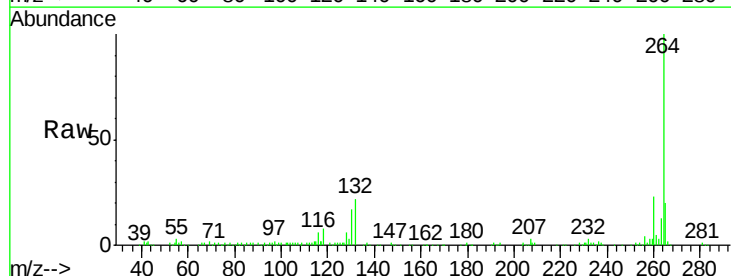


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

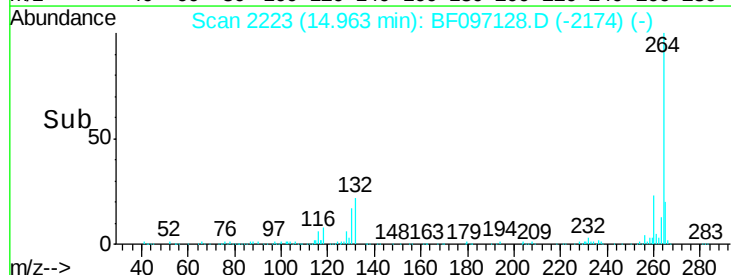
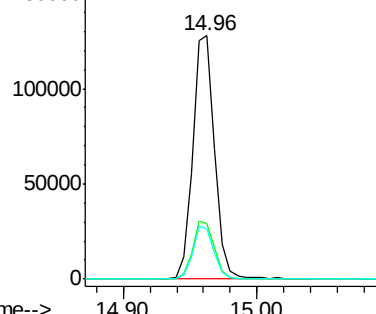


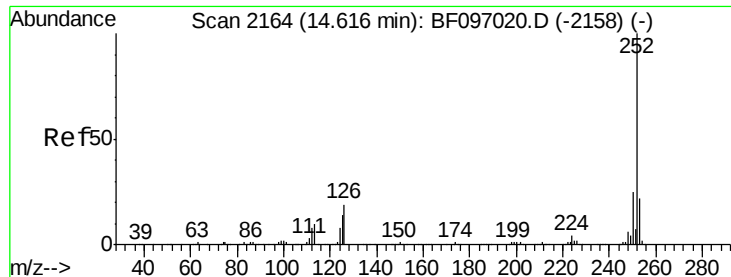
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Tgt Ion	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: 37.66 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 :

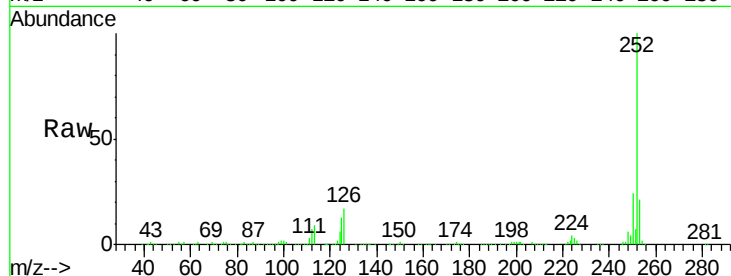
Tot Ion:252 Resp: 333433

Ion Ratio Lower Upper

252 100

253 20.8 18.1 27.1

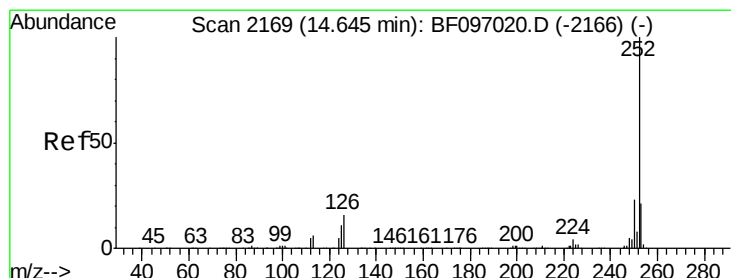
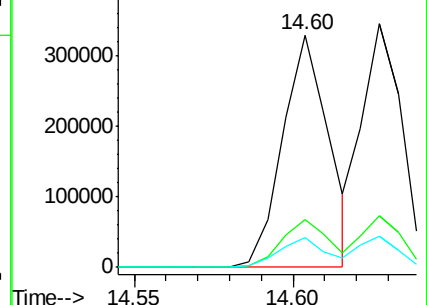
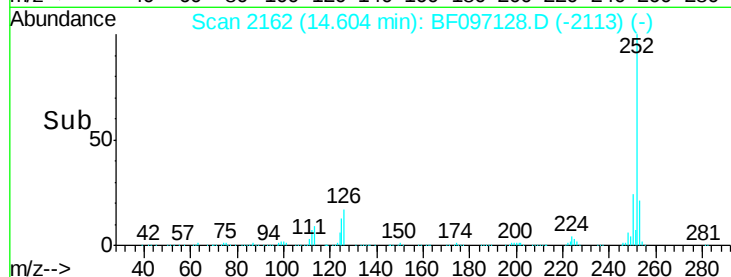
125 12.8 9.8 14.8



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: 36.09 ng

RT: 14.63 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BF097128.D

Acq: 27 Jul 2017 17:52

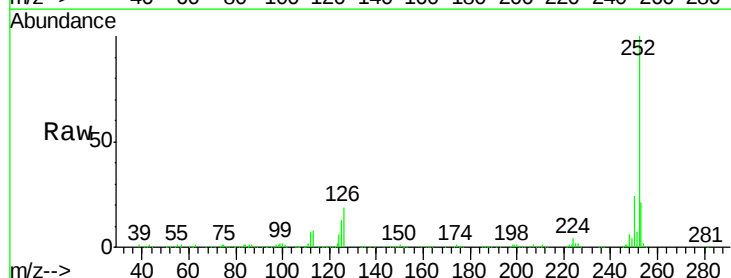
Tgt Ion:252 Resp: 304478

Ion Ratio Lower Upper

252 100

253 21.1 18.4 27.6

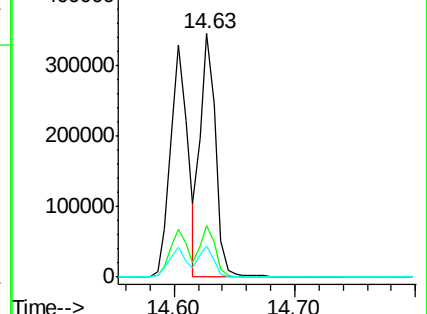
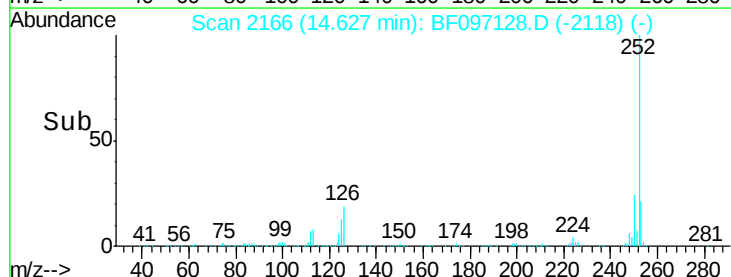
125 12.8 13.1 19.7#

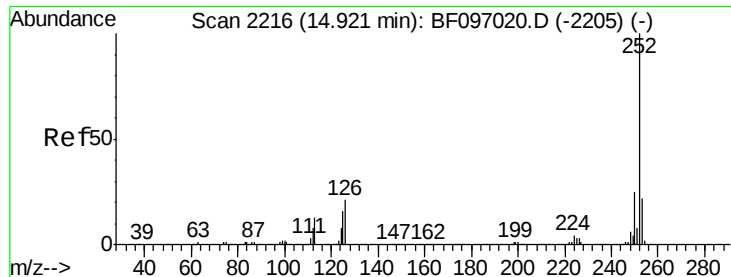


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

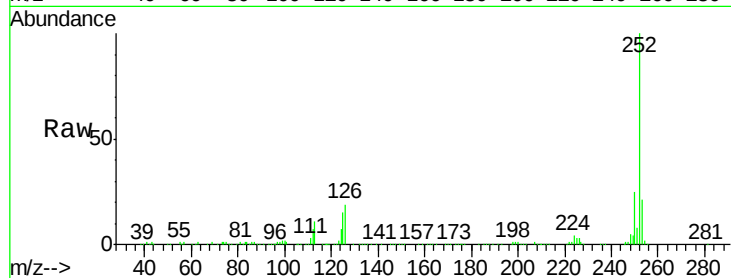




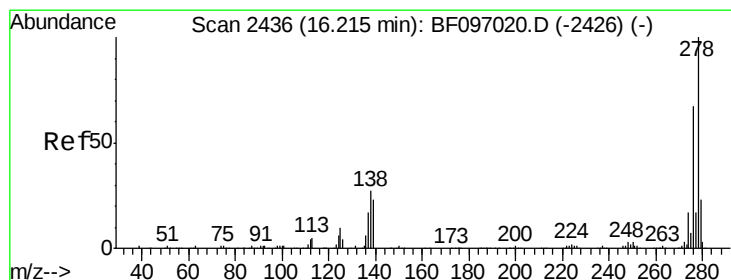
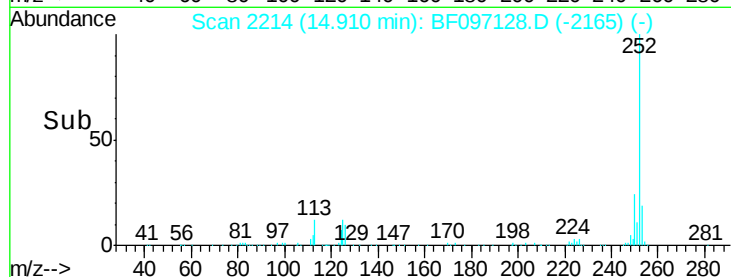
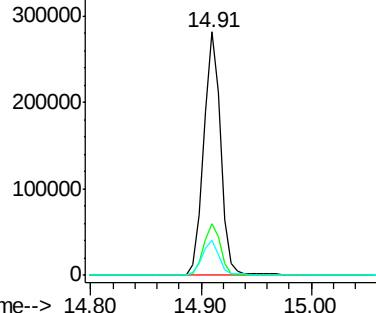
#89
Benzo(a)pyrene
Concen: 37.57 ng
RT: 14.91 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

Instrument :
BNA_F
ClientSampleId :

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

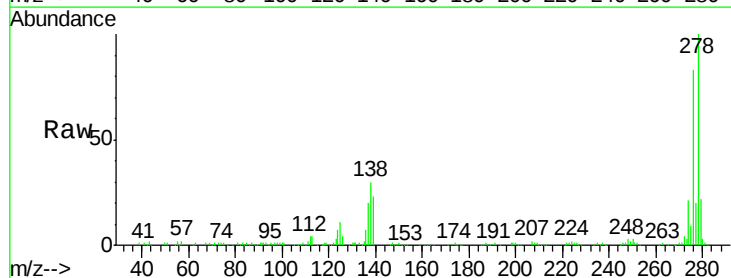


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

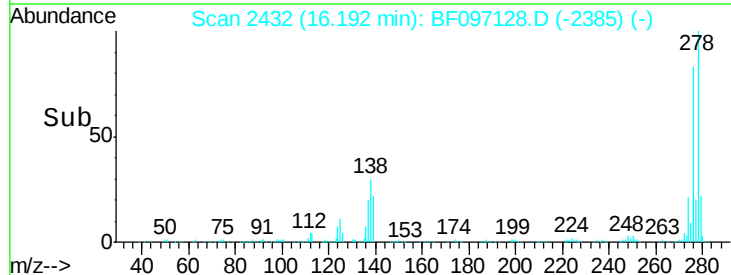
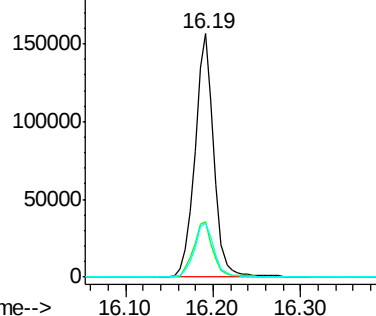


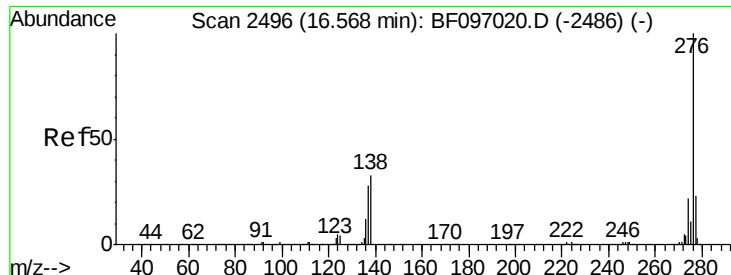
#90
Dibenzo(a,h)anthracene
Concen: 34.98 ng
RT: 16.19 min Scan# 2432
Delta R.T. -0.02 min
Lab File: BF097128.D
Acq: 27 Jul 2017 17:52

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

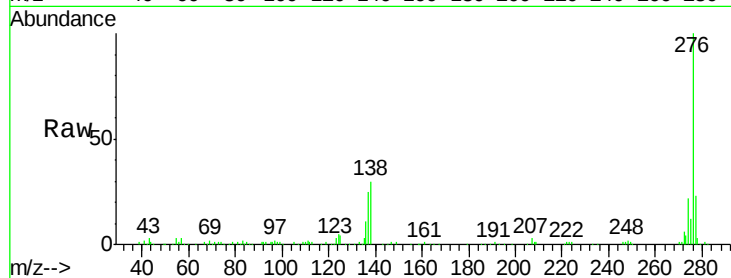




#91
 Benzo(a,h,i)perylene
 Concen: 31.01 ng
 RT: 16.54 min Scan# 2492
 Delta R.T. -0.02 min
 Lab File: BF097128.D
 Acq: 27 Jul 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :

Tot 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

