

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
 Data File : BF097330.D
 Acq On : 3 Aug 2017 21:31
 Operator : SJ/JU
 Sample : I4599-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMS

Quant Time: Aug 04 01:08:21 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	6.45	152	98152	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	402926	20.00	ng	-0.06
38) Acenaphthene-d10	9.47	164	185165	20.00	ng	-0.06
63) Phenanthrene-d10	10.94	188	288325	20.00	ng	-0.06
75) Chrysene-d12	13.56	240	157703	20.00	ng	-0.06
86) Perylene-d12	14.90	264	180506	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	692368	106.34	ng	-0.05
7) Phenol-d6	6.12	99	792249	106.58	ng	-0.05
23) Nitrobenzene-d5	7.02	82	471191	68.60	ng	-0.06
41) 2,4,6-Tribromophenol	10.26	330	150689	103.00	ng	-0.06
44) 2-Fluorobiphenyl	8.80	172	799401	73.27	ng	-0.06
78) Terphenyl-d14	12.52	244	539620	69.76	ng	-0.06

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.96	88	78167	28.769	ng	# 75
3) Pyridine	2.58	79	240097	28.858	ng	# 65
4) n-Nitrosodimethylamine	2.52	42	156372	33.926	ng	81
6) Aniline	6.11	93	302175	32.306	ng	90
8) 2-Chlorophenol	6.24	128	250342	35.958	ng	98
9) Benzaldehyde	5.99	77	151481	34.430	ng	94
10) Phenol	6.13	94	341946	38.784	ng	93
11) bis(2-Chloroethyl)ether	6.19	93	246604	35.364	ng	91
12) 1,3-Dichlorobenzene	6.38	146	253752	33.821	ng	98
13) 1,4-Dichlorobenzene	6.46	146	259401	34.887	ng	96
14) 1,2-Dichlorobenzene	6.62	146	224016	34.506	ng	97
15) Benzyl Alcohol	6.61	79	188014	39.952	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.73	45	445688	31.866	ng	53
17) 2-Methylphenol	6.73	107	181562	33.790	ng	# 89
18) Hexachloroethane	6.95	117	80917	29.747	ng	# 79
19) n-Nitroso-di-n-propylamine	6.87	70	164764	33.676	ng	# 78
20) 3+4-Methylphenols	6.89	107	257749	36.728	ng	# 61
22) Acetophenone	6.86	105	326709	33.764	ng	# 98
24) Nitrobenzene	7.03	77	252953	35.362	ng	96
25) Isophorone	7.28	82	462646	34.395	ng	97
26) 2-Nitrophenol	7.36	139	130666	33.763	ng	# 88
27) 2,4-Dimethylphenol	7.41	122	209211	32.771	ng	99
28) bis(2-Chloroethoxy)methane	7.49	93	308880	35.189	ng	99
29) 2,4-Dichlorophenol	7.61	162	209308	38.058	ng	98
30) 1,2,4-Trichlorobenzene	7.67	180	178861	34.120	ng	98
31) Naphthalene	7.75	128	655758	34.525	ng	99
32) Benzoic acid	7.56	122	75447	15.827	ng	99
33) 4-Chloroaniline	7.81	127	252802	32.711	ng	97
34) Hexachlorobutadiene	7.87	225	92113	33.145	ng	97
35) Caprolactam	8.18	113	42476	24.086	ng	# 65
36) 4-Chloro-3-methylphenol	8.32	107	207164	34.527	ng	89
37) 2-Methylnaphthalene	8.44	142	485415	40.365	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.60	216	171383	34.688	ng	100
40) Hexachlorocyclopentadiene	8.59	237	23974	19.324	ng	98

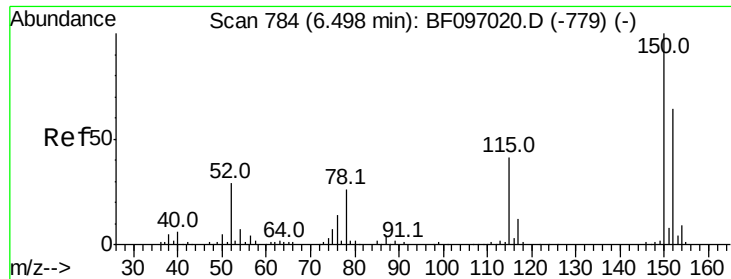
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.73	196	125071	34.932	nq	97
43) 2,4,5-Trichlorophenol	8.77	196	131043	36.567	nq	99
45) 1,1'-Biphenyl	8.90	154	527207	33.334	nq	98
46) 2-Chloronaphthalene	8.92	162	406142	34.896	nq	# 93
47) 2-Nitroaniline	9.03	65	151737	35.924	nq	95
48) Acenaphthylene	9.33	152	586483	32.830	nq	100
49) Dimethylphthalate	9.21	163	603037	42.887	nq	99
50) 2,6-Dinitrotoluene	9.27	165	104132	34.917	nq	# 86
51) Acenaphthene	9.50	154	367880	34.961	nq	98
52) 3-Nitroaniline	9.44	138	128099	34.605	nq	92
53) 2,4-Dinitrophenol	9.57	184	18645	13.750	nq	# 74
54) Dibenzofuran	9.67	168	530368	37.840	nq	99
55) 4-Nitrophenol	9.63	139	120688	54.824	nq	# 58
56) 2,4-Dinitrotoluene	9.68	165	127261	37.120	nq	# 70
57) Fluorene	10.02	166	406712	38.608	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.80	232	93404	37.748	nq	# 98
59) Diethylphthalate	9.90	149	445371	34.524	nq	99
60) 4-Chlorophenyl-phenylether	10.01	204	172065	39.555	nq	95
61) 4-Nitroaniline	10.05	138	131971	37.520	nq	92
62) Azobenzene	10.17	77	490955	41.025	nq	94
64) 4,6-Dinitro-2-methylphenol	10.09	198	20942	11.689	nq	92
65) n-Nitrosodiphenylamine	10.13	169	390313	38.907	nq	98
66) 4-Bromophenyl-phenylether	10.49	248	108006	37.536	nq	93
67) Hexachlorobenzene	10.56	284	112217	34.778	nq	# 90
68) Atrazine	10.67	200	106862	37.148	nq	96
69) Pentachlorophenol	10.76	266	79208	59.329	nq	96
70) Phenanthrene	10.96	178	559898	36.243	nq	100
71) Anthracene	11.02	178	568100	35.904	nq	98
72) Carbazole	11.18	167	546060	35.091	nq	98
73) Di-n-butylphthalate	11.52	149	750123	38.997	nq	98
74) Fluoranthene	12.14	202	528534	34.923	nq	98
76) Benzidine	12.27	184	229884	39.286	nq	# 92
77) Pyrene	12.37	202	525442	40.698	nq	98
79) Butylbenzylphthalate	13.00	149	240738	36.657	nq	# 83
80) Benzo(a)anthracene	13.55	228	364036	35.676	nq	99
81) 3,3'-Dichlorobenzidine	13.52	252	131812	34.255	nq	# 95
82) Chrysene	13.59	228	342807	34.405	nq	100
83) Bis(2-ethylhexyl)phthalate	13.56	149	300285	35.020	nq	99
84) Di-n-octyl phthalate	14.17	149	565301	35.925	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.10	276	311180	36.422	nq	97
87) Benzo(b)fluoranthene	14.55	252	415302	38.274	nq	98
88) Benzo(k)fluoranthene	14.57	252	330633	31.977	nq	96
89) Benzo(a)pyrene	14.85	252	356683	35.917	nq	100
90) Dibenzo(a,h)anthracene	16.10	278	262172	32.193	nq	97
91) Benzo(g,h,i)perylene	16.45	276	243141	28.471	nq	97

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

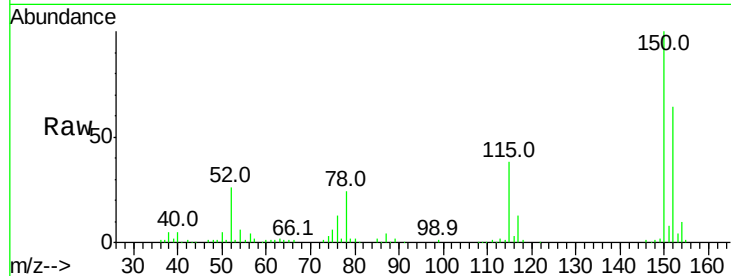


#1

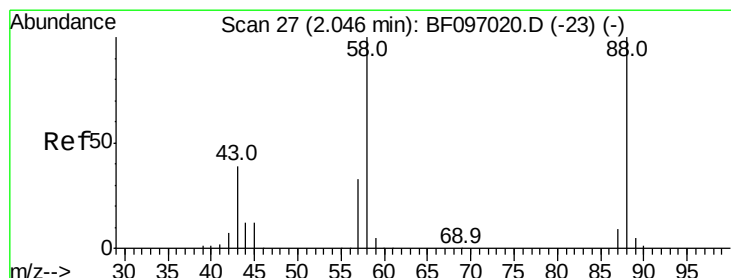
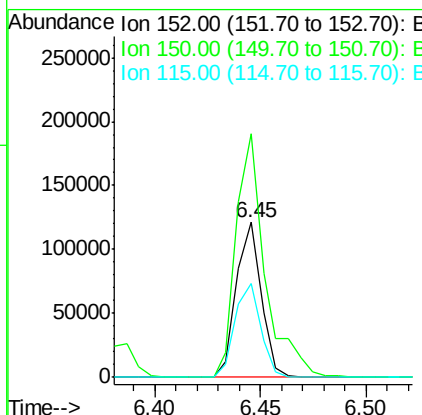
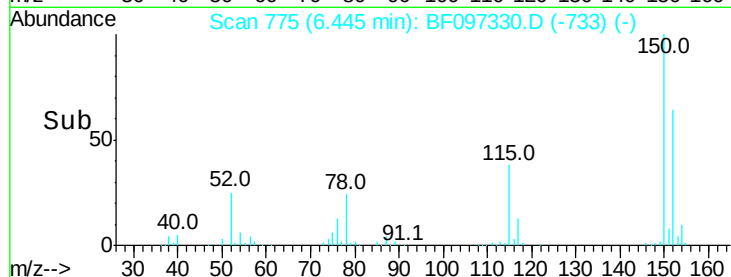
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF097330.D
Acq: 3 Aug 2017 21:31

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMS

Tot Ion:152 Resp: 98152
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 60.5 52.2 78.2



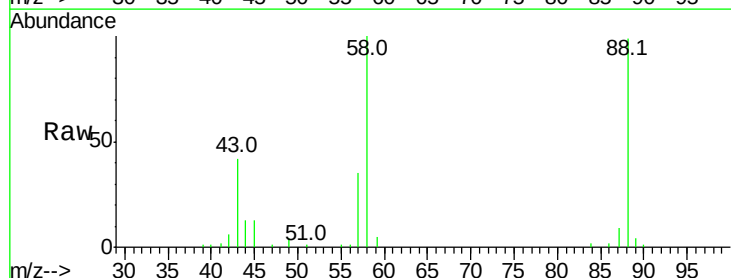
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



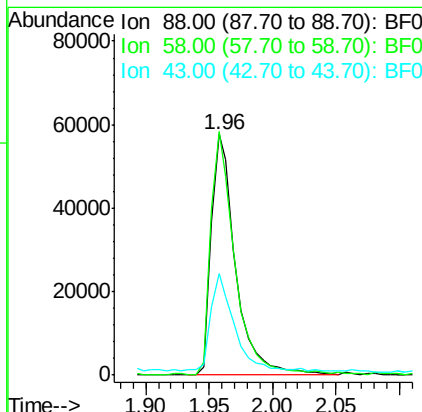
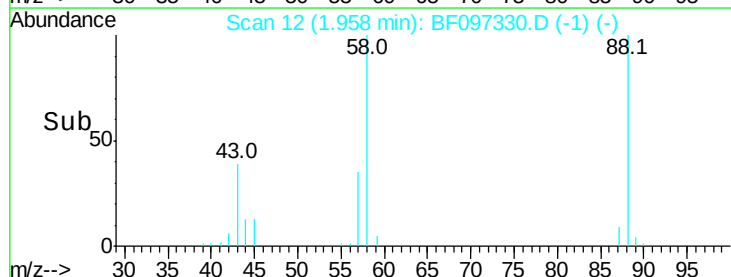
#2

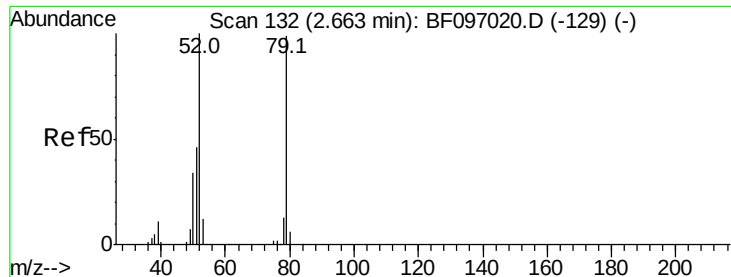
1,4-Dioxane
Concen: 28.769 ng
RT: 1.96 min Scan# 12
Delta R.T. -0.09 min
Lab File: BF097330.D
Acq: 3 Aug 2017 21:31

Tgt Ion: 88 Resp: 78167
Ion Ratio Lower Upper
88 100
58 101.0 61.4 92.0#
43 38.5 23.4 35.0#



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





#3

Pvridine

Concen: 28.858 ng

RT: 2.58 min Scan# 117

Delta R.T. -0.09 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-BMS

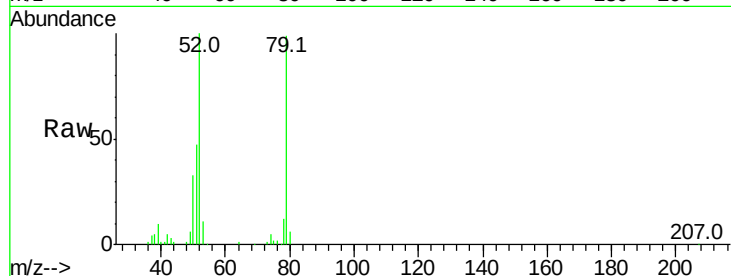
Tot Ion: 79 Resp: 240097

Ion Ratio Lower Upper

79 100

52 101.4 54.8 82.2#

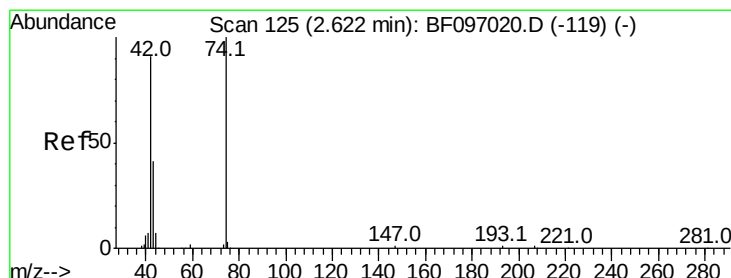
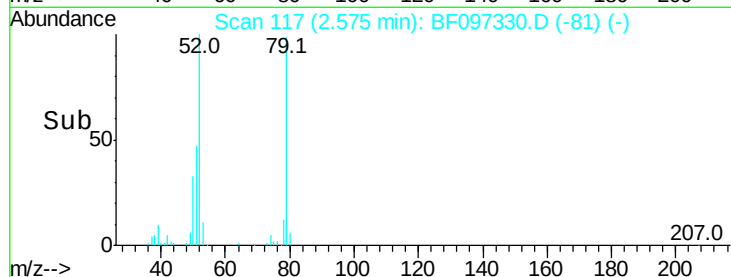
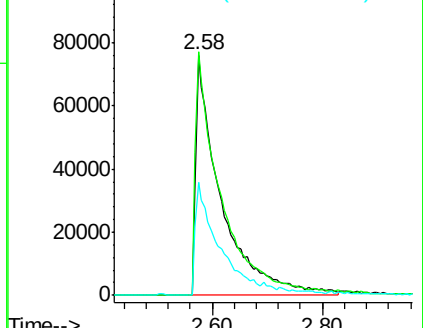
51 47.3 27.0 40.4#



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: 33.926 ng

RT: 2.52 min Scan# 107

Delta R.T. -0.11 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

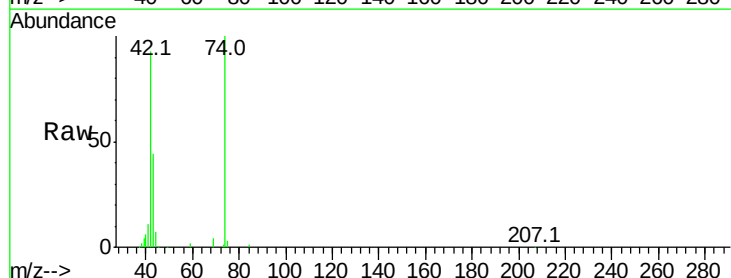
Tgt Ion: 42 Resp: 156372

Ion Ratio Lower Upper

42 100

74 107.0 103.9 155.9

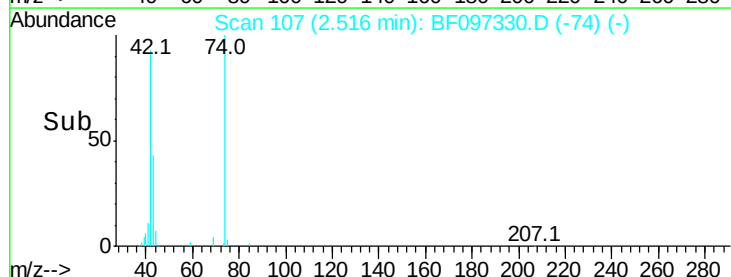
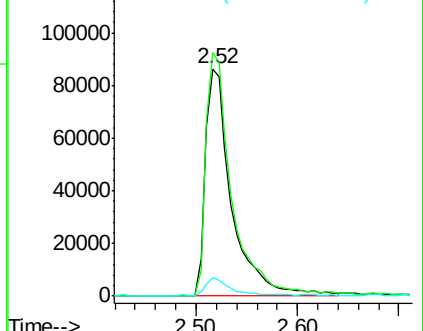
44 7.8 5.7 8.5

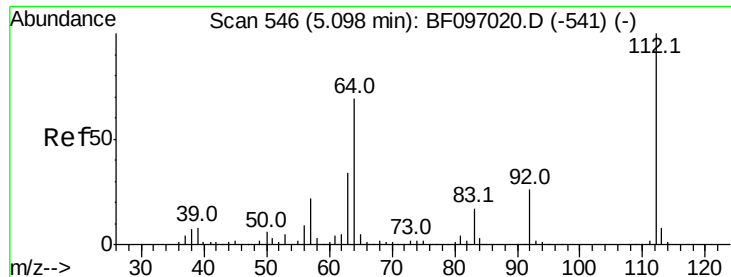


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 106.339 ng

RT: 5.05 min Scan# 537

Delta R.T. -0.05 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-BMS

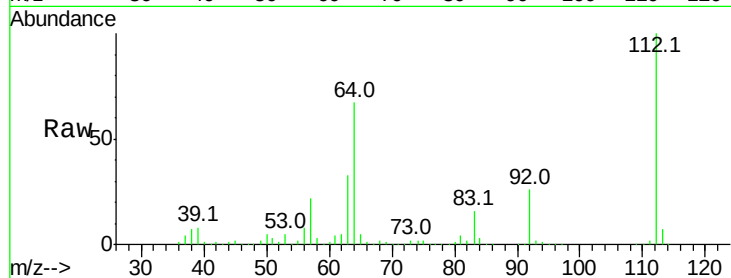
Tot Ion:112 Resp: 692368

Ion Ratio Lower Upper

112 100

64 66.6 46.0 69.0

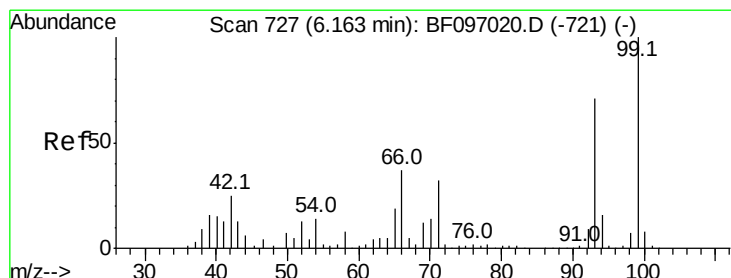
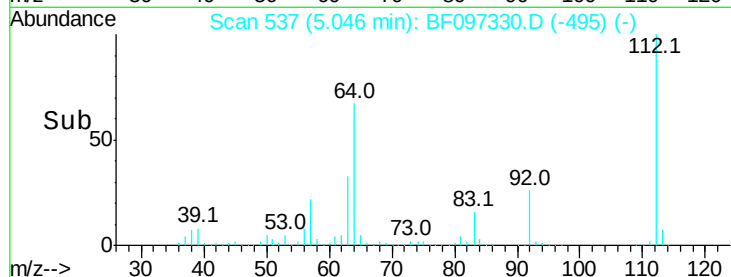
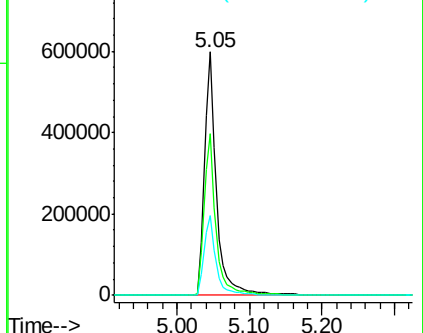
63 33.0 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 32.306 ng

RT: 6.11 min Scan# 718

Delta R.T. -0.05 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

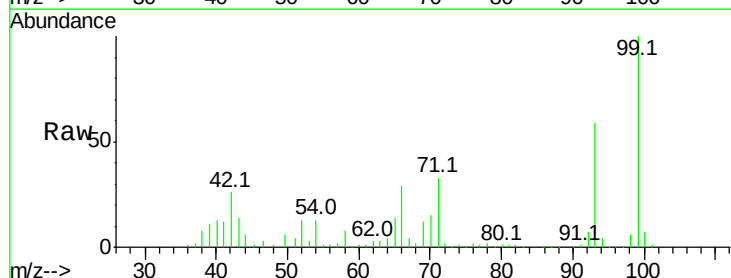
Tgt Ion: 93 Resp: 302175

Ion Ratio Lower Upper

93 100

66 48.5 32.9 49.3

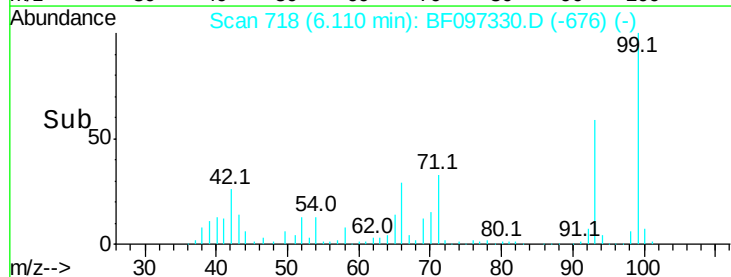
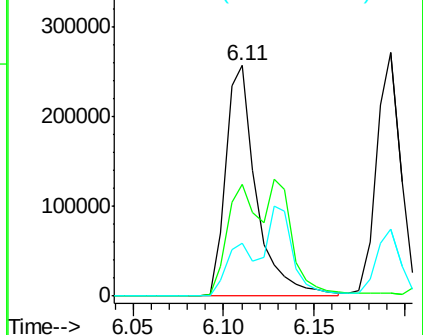
65 23.0 16.0 24.0

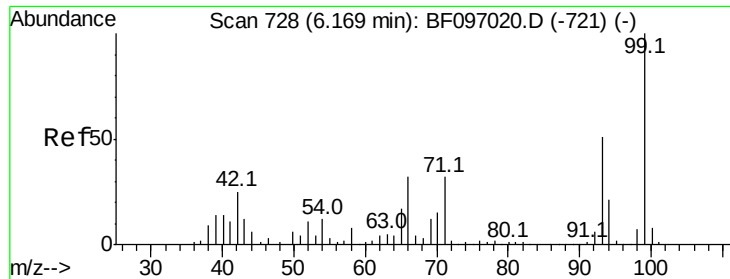


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 106.585 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF097330.D

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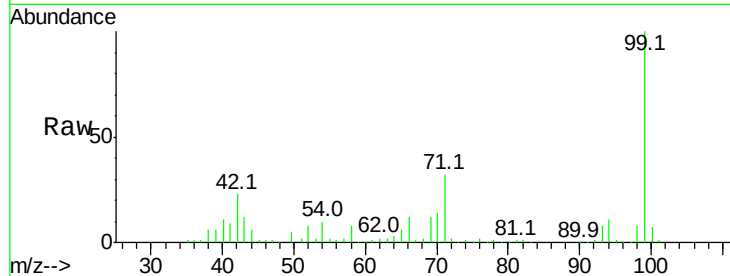
Tot Ion: 99 Resp: 792249

Ion Ratio Lower Upper

99 100

42 23.2 13.5 20.3#

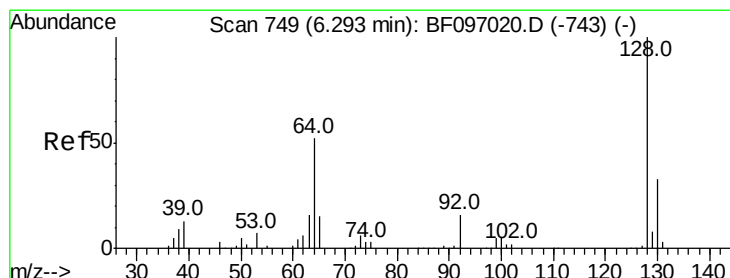
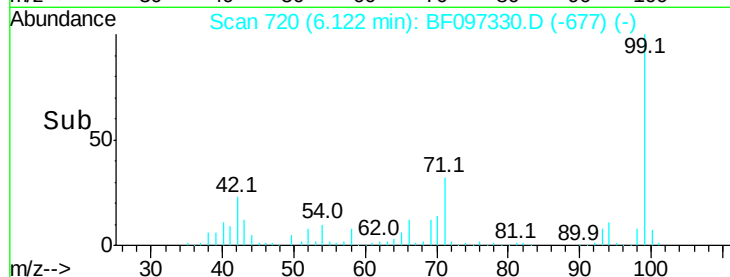
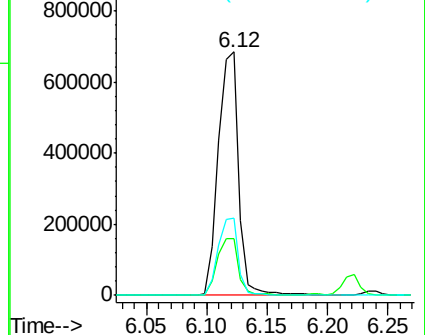
71 31.6 24.5 36.7



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: 35.958 ng

RT: 6.24 min Scan# 740

Delta R.T. -0.05 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

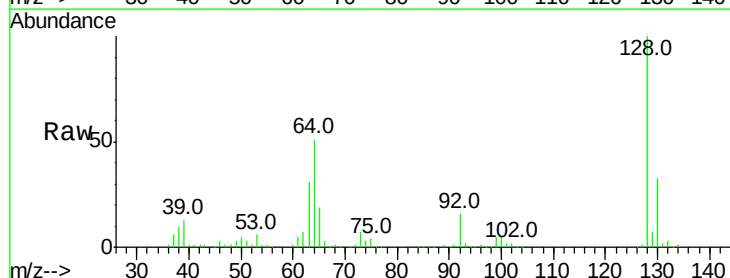
Tgt Ion:128 Resp: 250342

Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

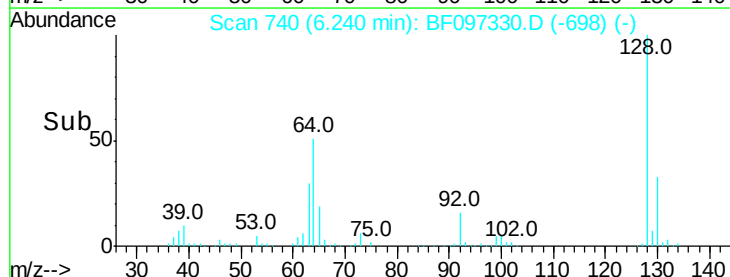
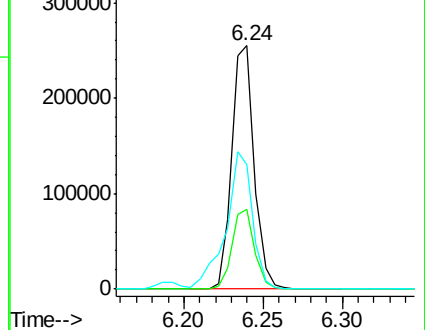
64 51.1 28.4 68.4

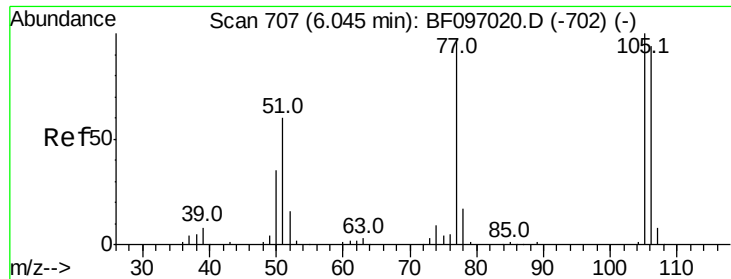


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.430 ng

RT: 5.99 min Scan# 697

Delta R.T. -0.06 min

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Acq: 3 Aug 2017 21:31

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-BMS

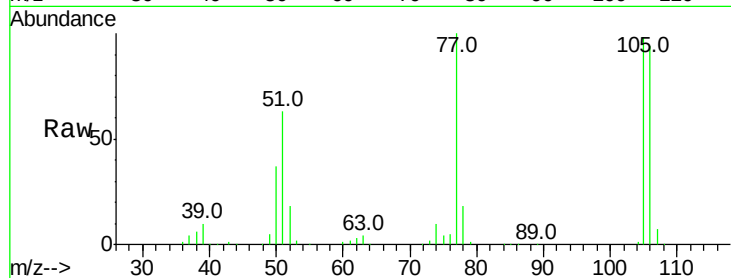
Tot Ion: 77 Resp: 151481

Ion Ratio Lower Upper

77 100

105 98.0 83.8 123.8

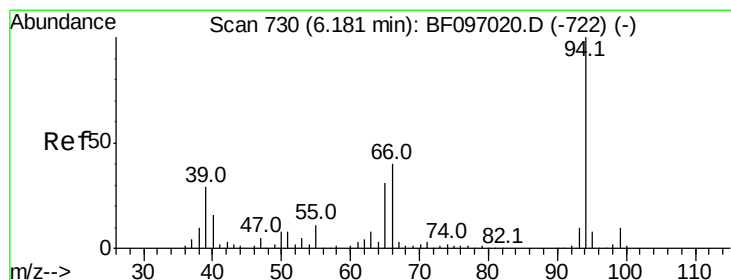
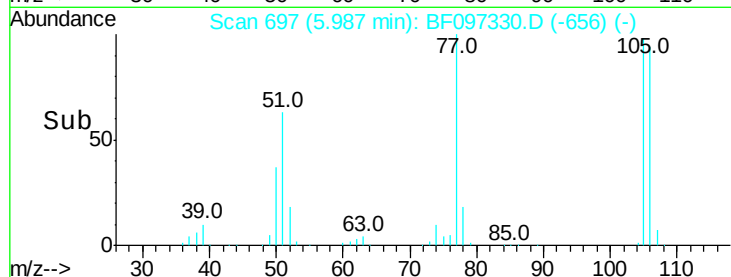
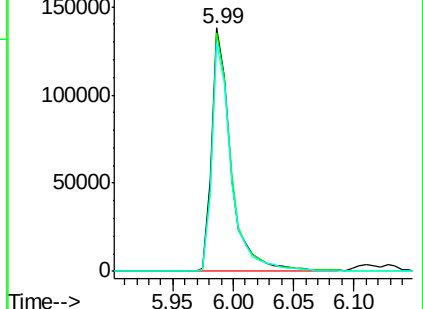
106 93.7 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.784 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.05 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

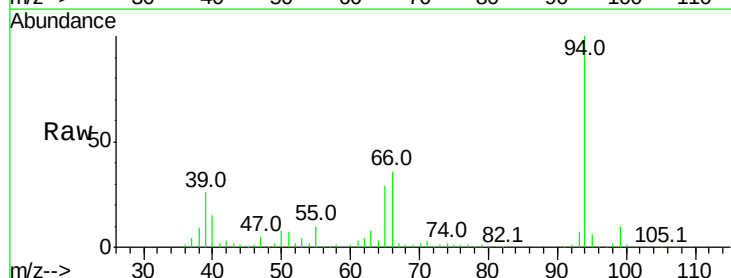
Tgt Ion: 94 Resp: 341946

Ion Ratio Lower Upper

94 100

65 28.7 9.9 49.9

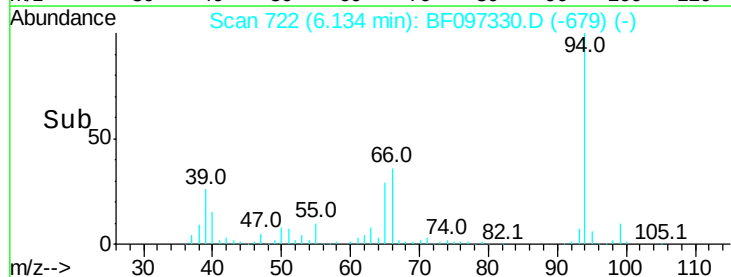
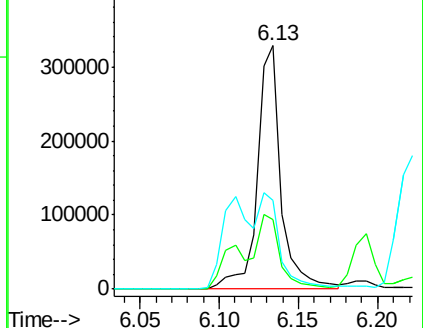
66 36.4 23.1 63.1

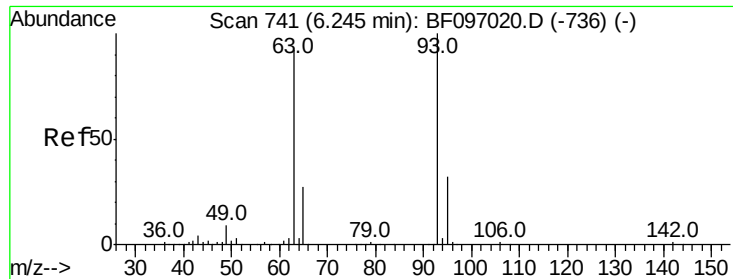


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.364 ng

RT: 6.19 min Scan# 732

Delta R.T. -0.05 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-BMS

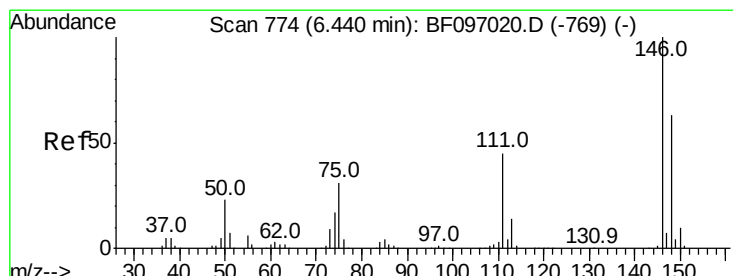
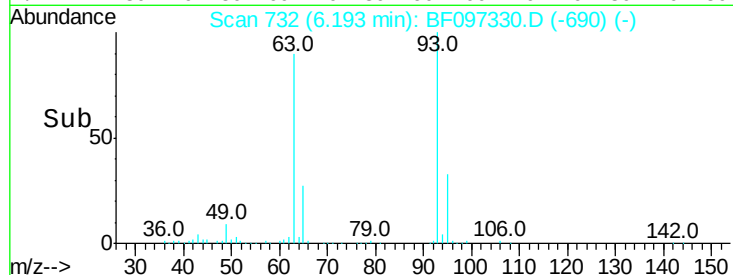
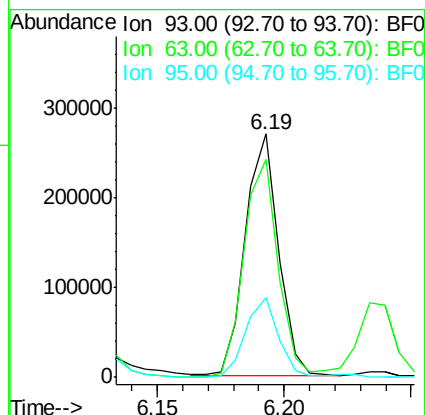
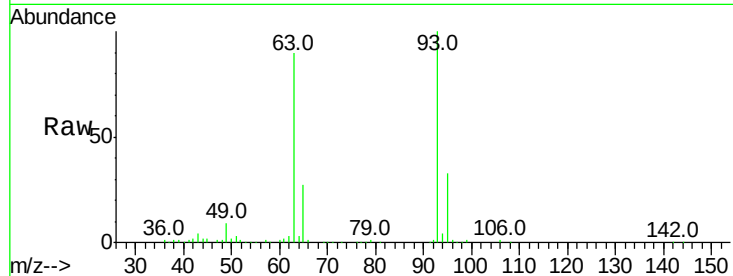
Tot Ion: 93 Resp: 246604

Ion Ratio Lower Upper

93 100

63 89.7 59.2 99.2

95 33.0 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 33.821 ng

RT: 6.38 min Scan# 764

Delta R.T. -0.06 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

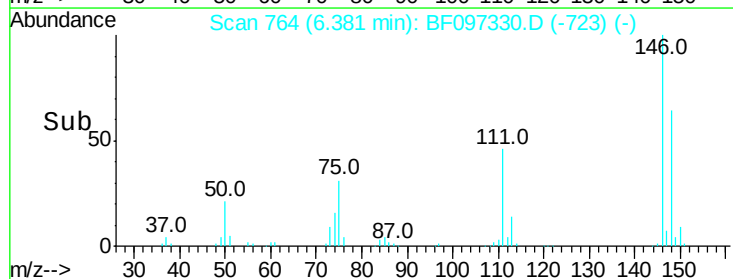
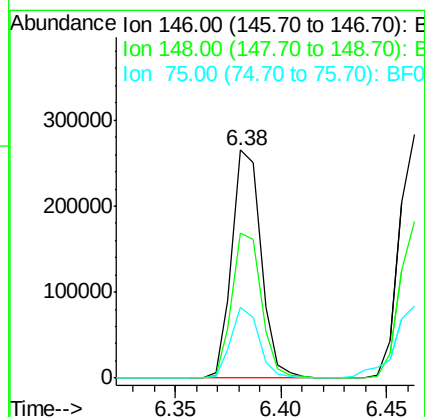
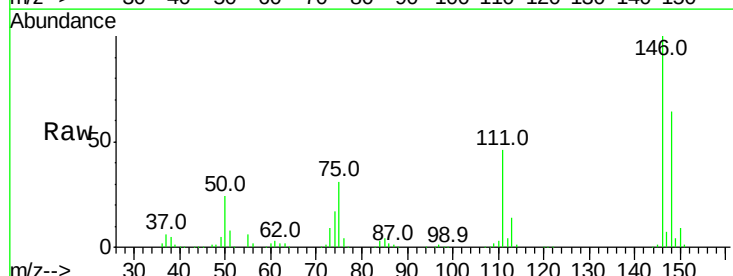
Tgt Ion: 146 Resp: 253752

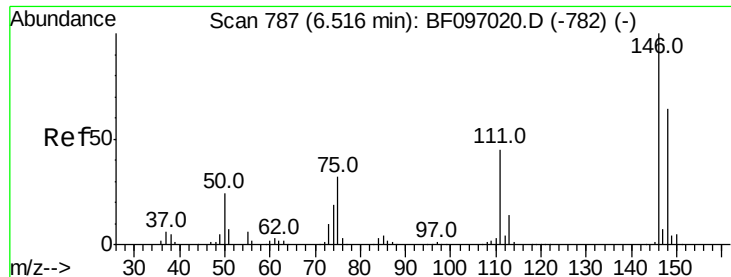
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.6

75 31.2 23.1 34.7

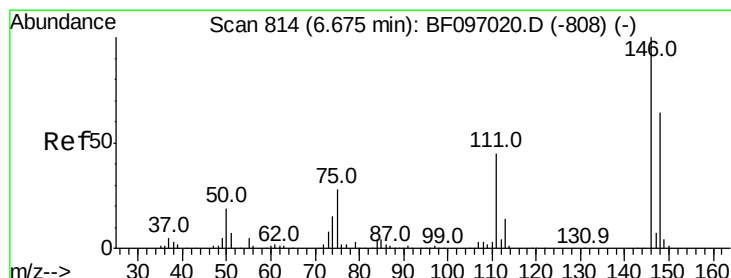
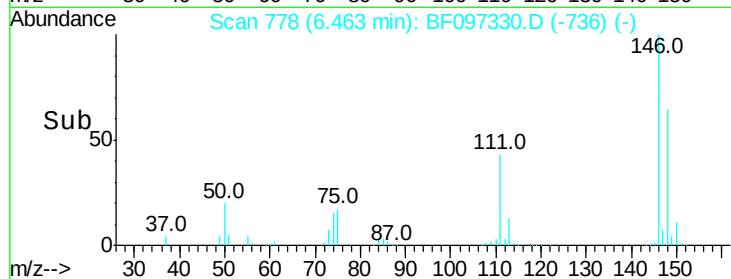
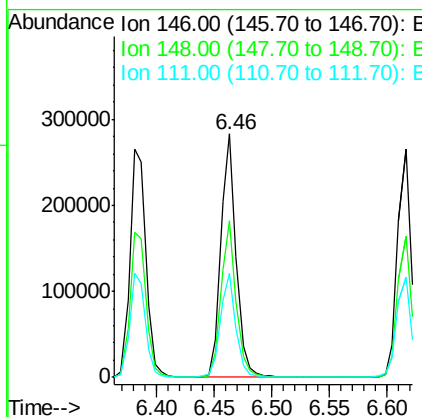
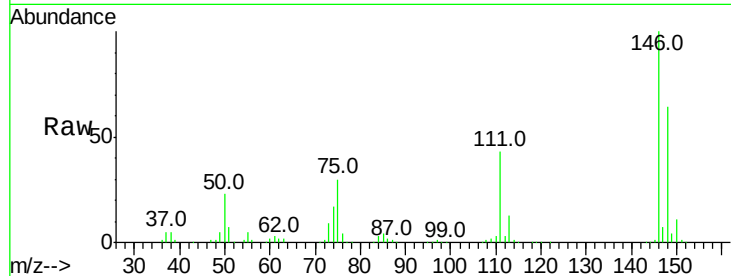




#13
 1,4-Dichlorobenzene
 Concen: 34.887 ng
 RT: 6.46 min Scan# 778
 Delta R.T. -0.05 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

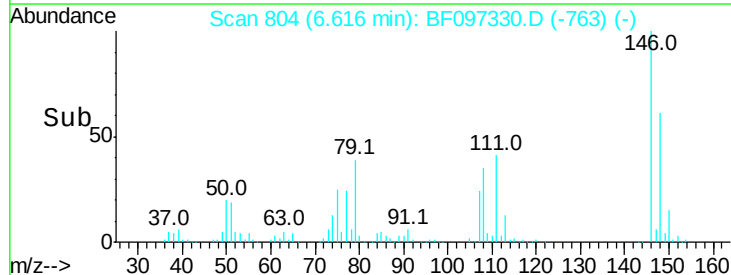
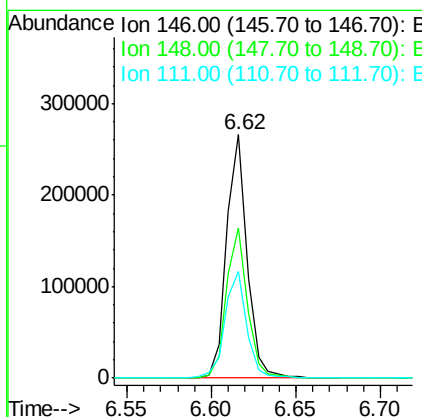
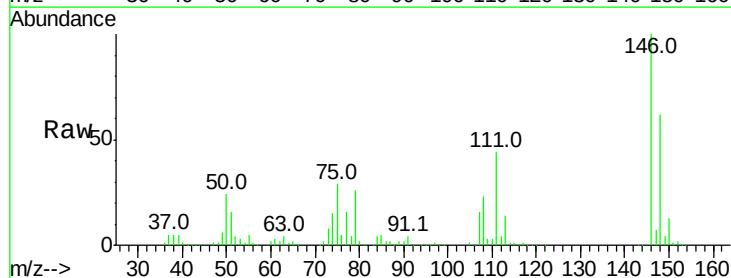
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMS

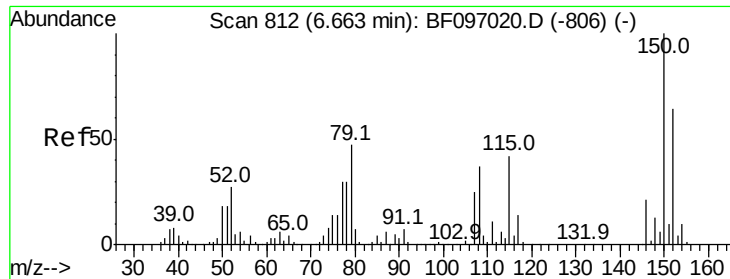
Tot Ion:146 Resp: 259401
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.2
 111 42.7 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 34.506 ng
 RT: 6.62 min Scan# 804
 Delta R.T. -0.06 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

Tgt Ion:146 Resp: 224016
 Ion Ratio Lower Upper
 146 100
 148 61.9 50.4 75.6
 111 44.0 38.2 57.4

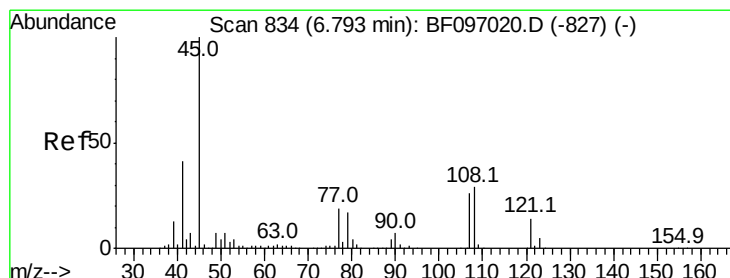
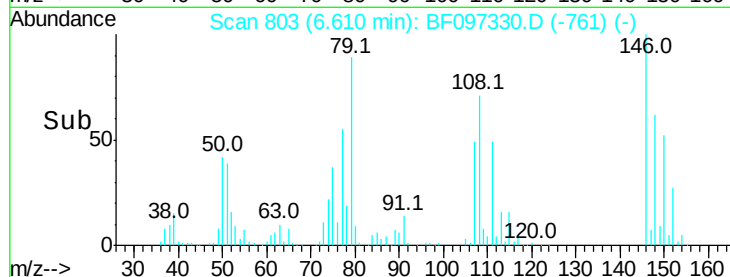
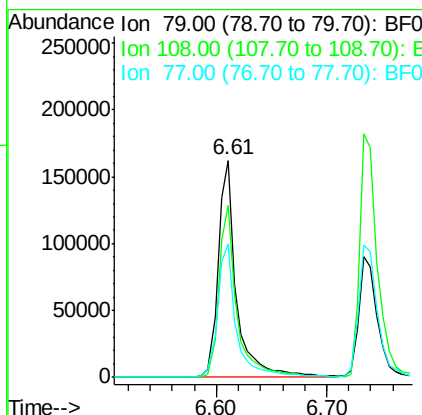
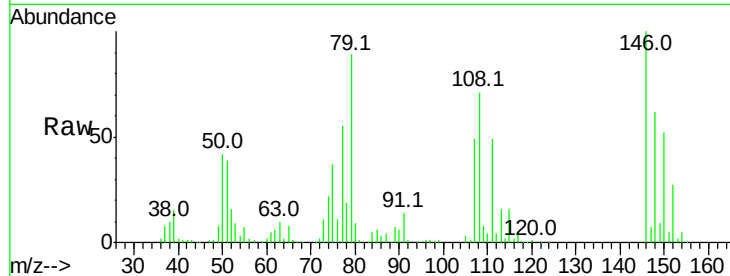




#15
Benzyl Alcohol
Concen: 39.952 ng
RT: 6.61 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF097330.D
Acq: 3 Aug 2017 21:31

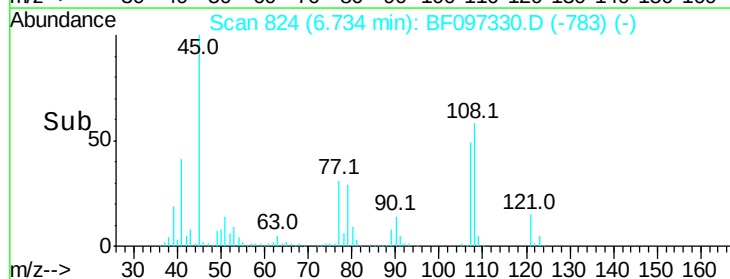
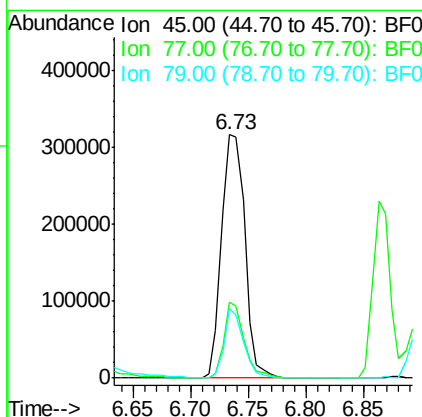
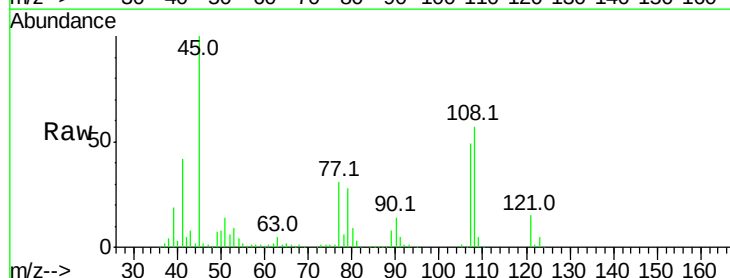
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMS

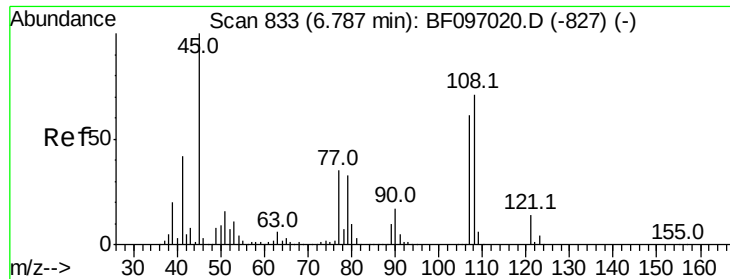
Tot Ion: 79 Resp: 188014
Ion Ratio Lower Upper
79 100
108 79.1 63.4 95.0
77 61.6 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 31.866 ng
RT: 6.73 min Scan# 824
Delta R.T. -0.06 min
Lab File: BF097330.D
Acq: 3 Aug 2017 21:31

Tgt Ion: 45 Resp: 445688
Ion Ratio Lower Upper
45 100
77 31.2 0.0 33.2
79 28.5 0.0 30.0

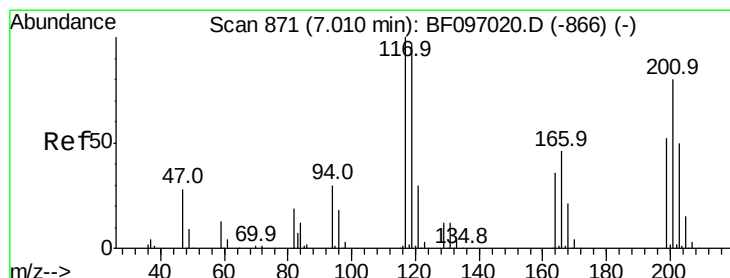
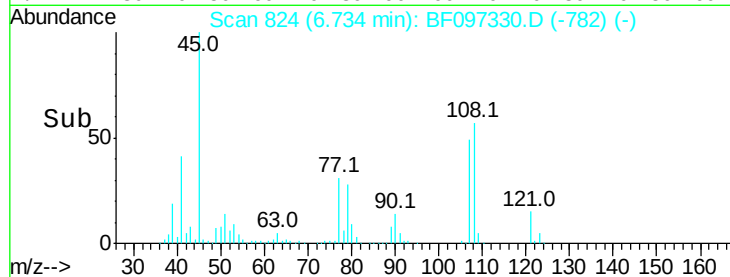
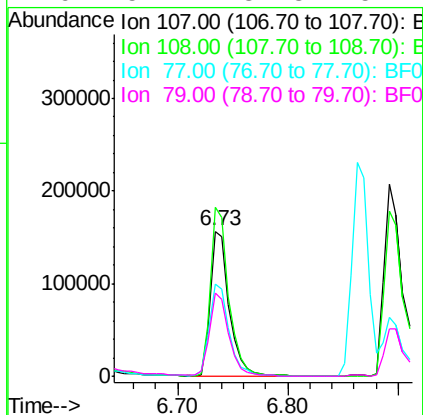
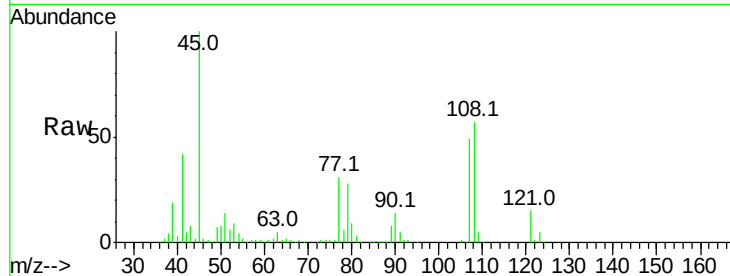




#17
2-Methylphenol
Concen: 33.790 ng
RT: 6.73 min Scan# 824
Delta R.T. -0.05 min
Lab File: BF097330.D
Acq: 3 Aug 2017 21:31

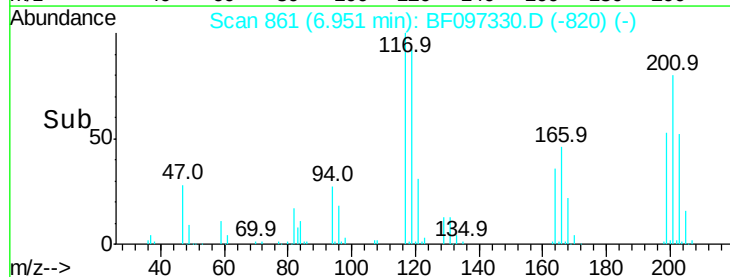
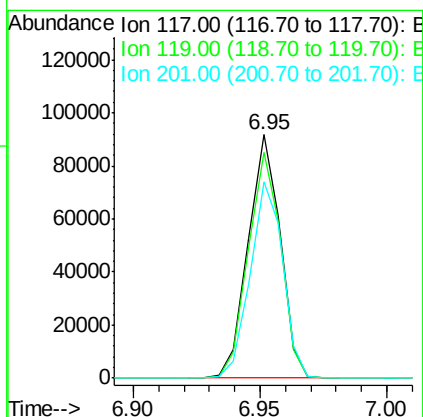
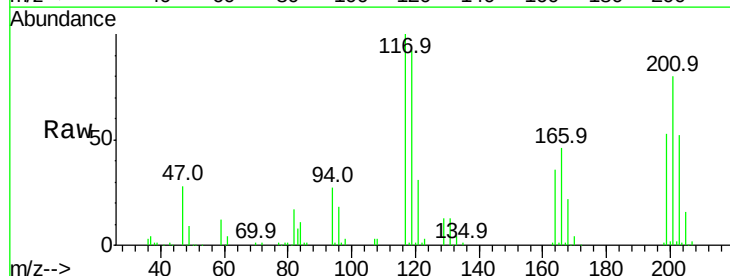
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMS

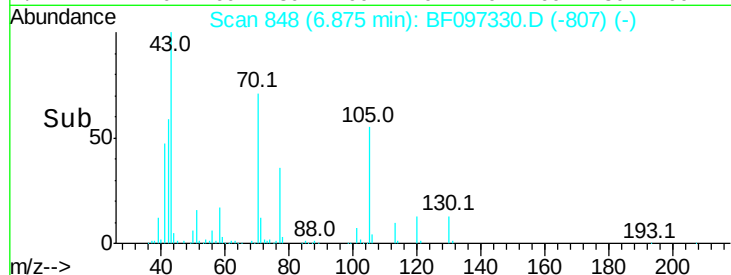
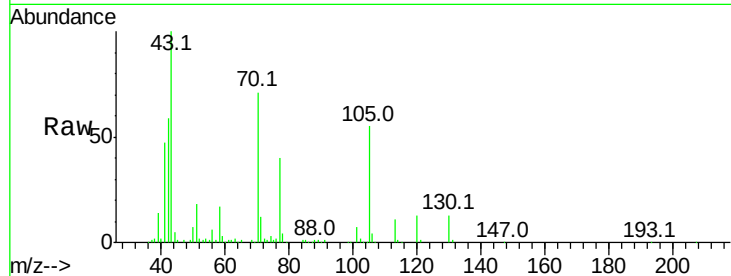
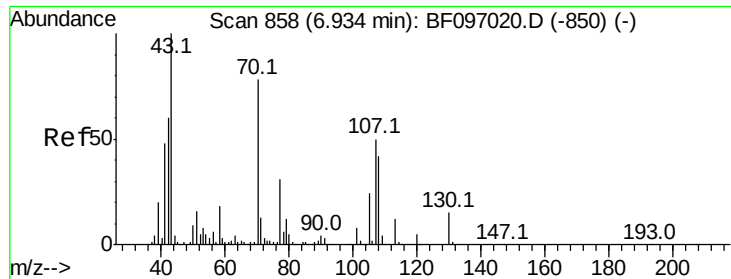
Tot Ion	Ratio	Lower	Upper
107	100		
108	116.5	93.4	140.0
77	63.3	35.8	53.6#
79	57.7	34.8	52.2#



#18
Hexachloroethane
Concen: 29.747 ng
RT: 6.95 min Scan# 861
Delta R.T. -0.06 min
Lab File: BF097330.D
Acq: 3 Aug 2017 21:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	77.4	116.0
201	80.5	94.6	141.8#

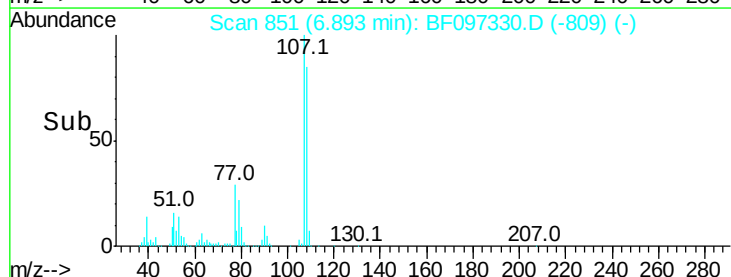
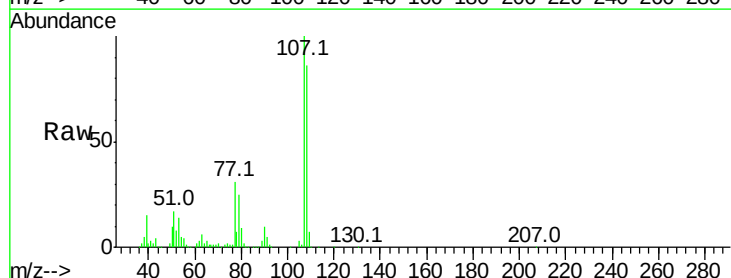
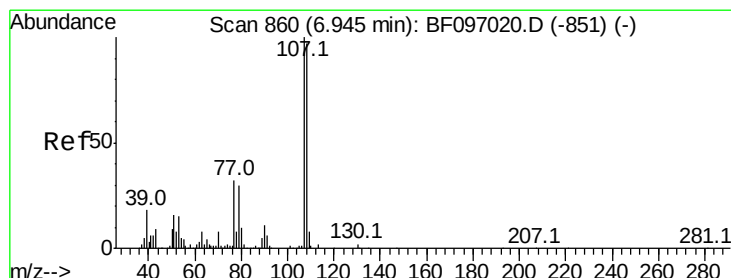
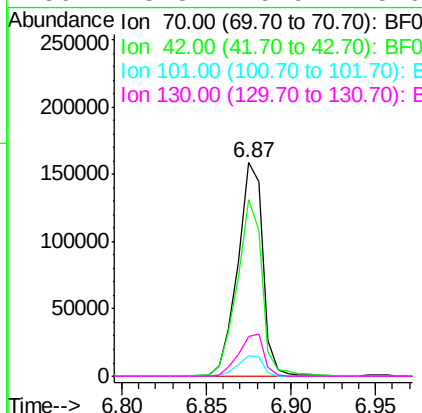




#19
n-Nitroso-di-n-propylamine
Concen: 33.676 ng
RT: 6.87 min Scan# 848
Delta R.T. -0.06 min
Lab File: BF097330.D
Acq: 3 Aug 2017 21:31

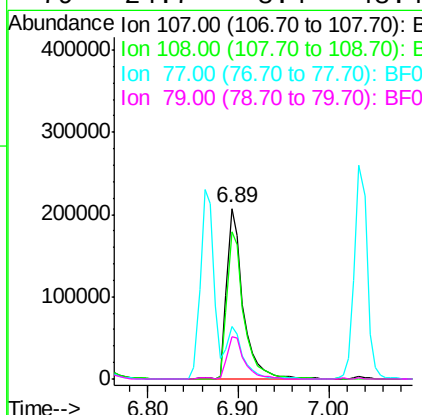
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMS

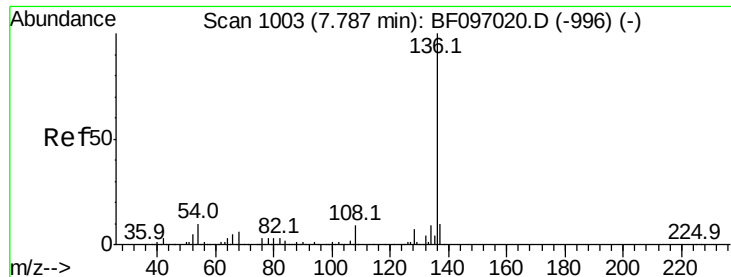
Tot Ion: 70 Resp: 164764
Ion Ratio Lower Upper
70 100
42 82.7 47.2 70.8#
101 9.6 7.2 10.8
130 18.8 15.9 23.9



#20
3+4-Methylphenols
Concen: 36.728 ng
RT: 6.89 min Scan# 851
Delta R.T. -0.05 min
Lab File: BF097330.D
Acq: 3 Aug 2017 21:31

Tgt Ion:107 Resp: 257749
Ion Ratio Lower Upper
107 100
108 86.1 71.0 111.0
77 30.9 90.5 130.5#
79 24.7 8.4 48.4

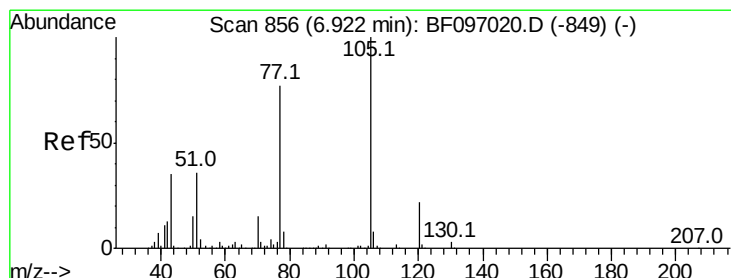
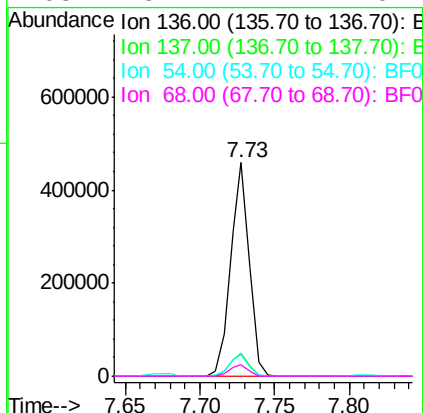
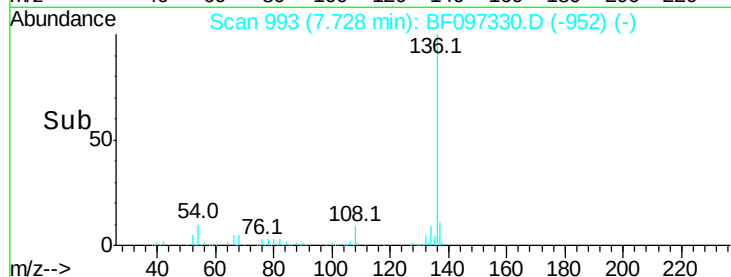
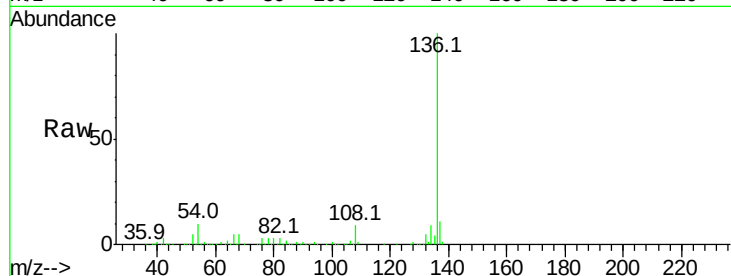




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 993
Delta R.T. -0.06 min
Lab File: BF097330.D
Acq: 3 Aug 2017 21:31

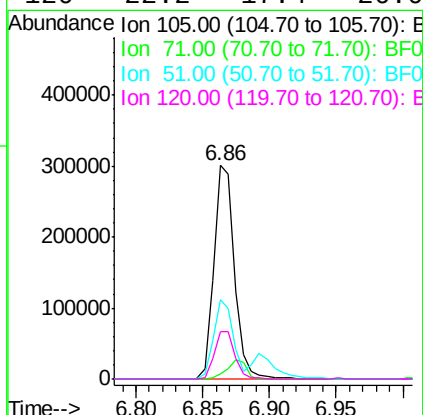
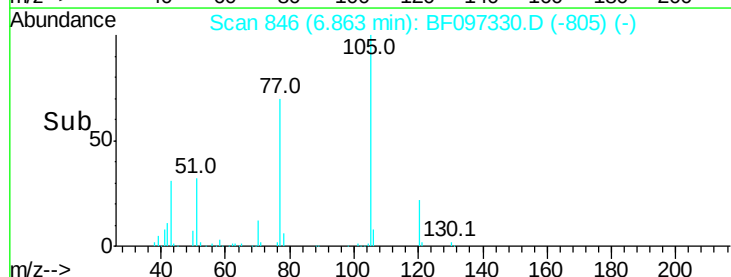
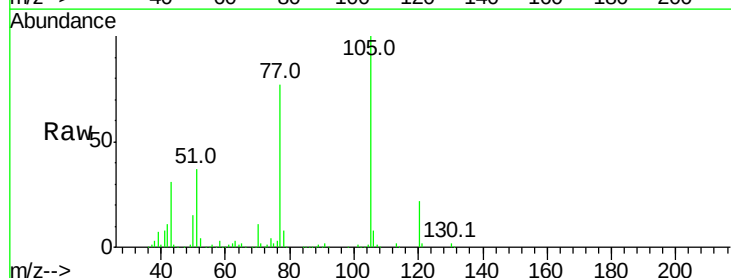
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMS

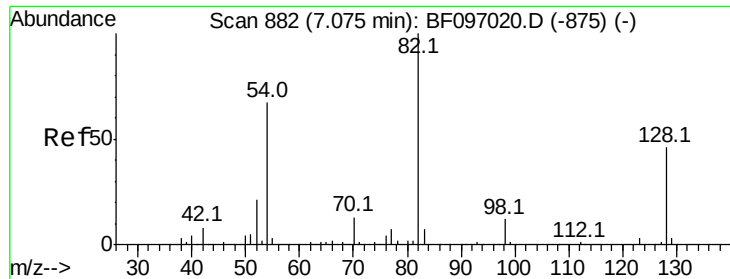
Tot Ion:136	Resp:	402926
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	10.1	4.9 7.3#
68	5.4	4.1 6.1



#22
Acetophenone
Concen: 33.764 ng
RT: 6.86 min Scan# 846
Delta R.T. -0.06 min
Lab File: BF097330.D
Acq: 3 Aug 2017 21:31

Tgt Ion:105	Resp:	326709
Ion Ratio	Lower	Upper
105	100	
71	2.2	2.8 4.2#
51	36.9	30.7 46.1
120	22.2	17.4 26.0

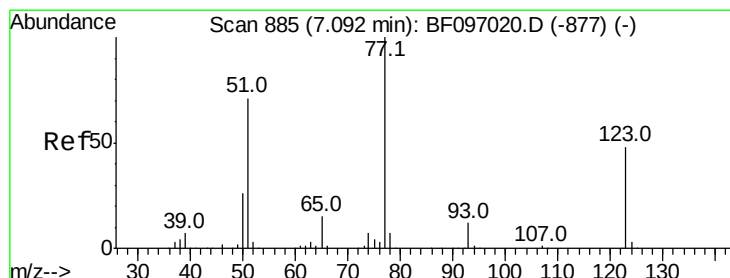
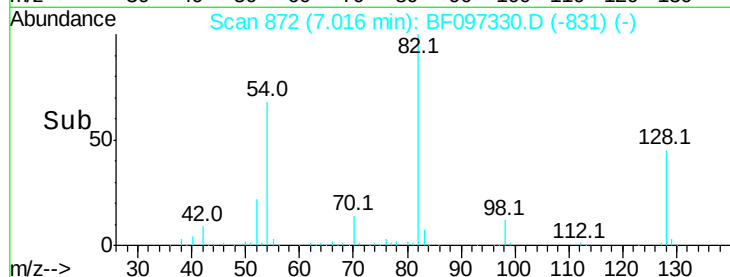
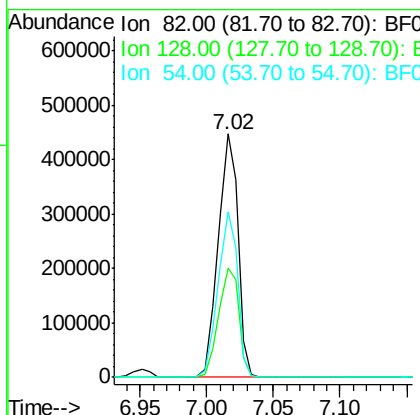
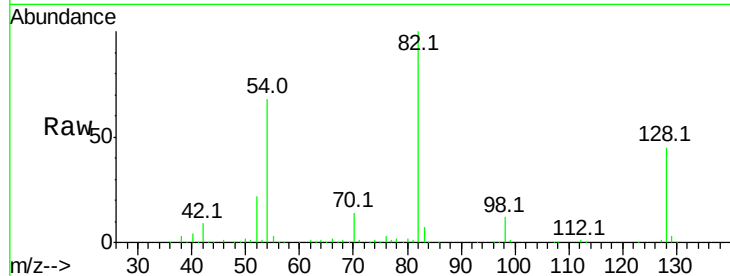




#23
 Nitrobenzene-d5
 Concen: 68.603 ng
 RT: 7.02 min Scan# 872
 Delta R.T. -0.06 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

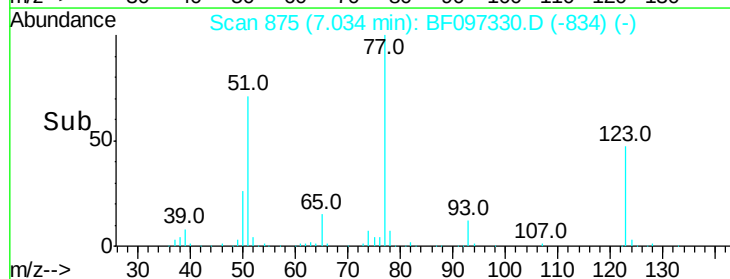
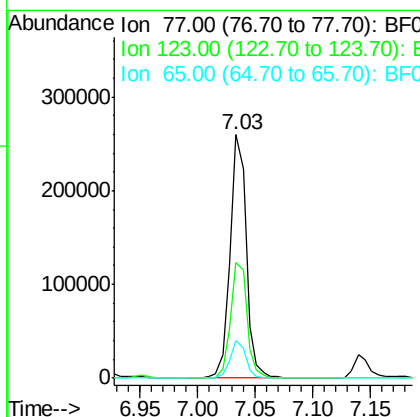
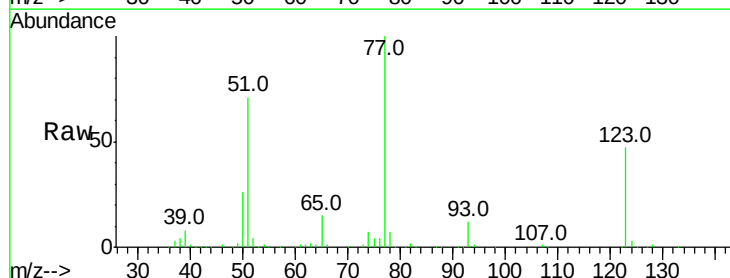
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMS

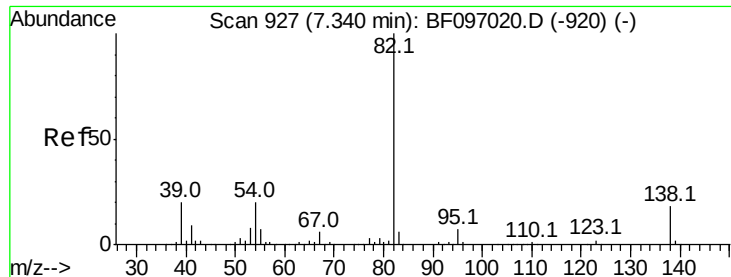
Tot Ion: 82 Resp: 471191
 Ion Ratio Lower Upper
 82 100
 128 45.0 34.0 51.0
 54 68.1 42.2 63.2#



#24
 Nitrobenzene
 Concen: 35.362 ng
 RT: 7.03 min Scan# 875
 Delta R.T. -0.06 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

Tgt Ion: 77 Resp: 252953
 Ion Ratio Lower Upper
 77 100
 123 47.3 35.8 53.8
 65 15.4 10.6 15.8





#25

Isophorone

Concen: 34.395 ng

RT: 7.28 min Scan# 917

Delta R.T. -0.06 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-BMS

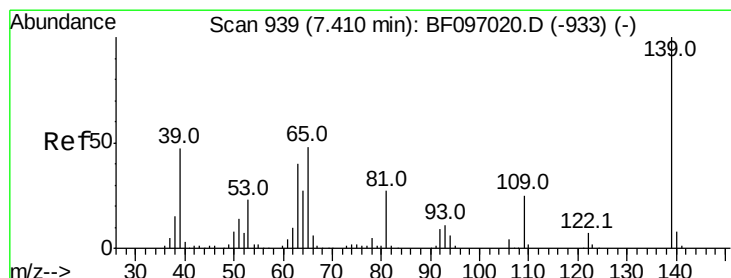
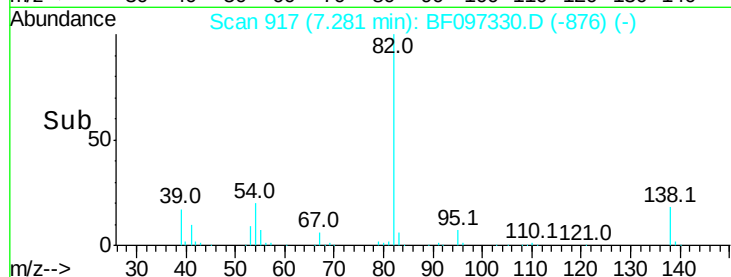
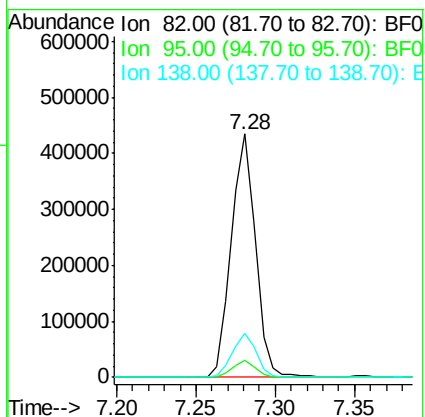
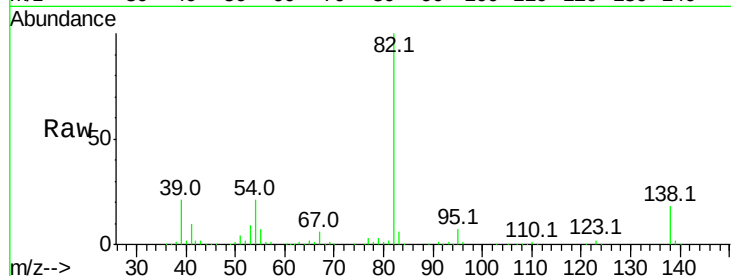
Tot Ion: 82 Resp: 462646

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 18.2 13.1 19.7



#26

2-Nitrophenol

Concen: 33.763 ng

RT: 7.36 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

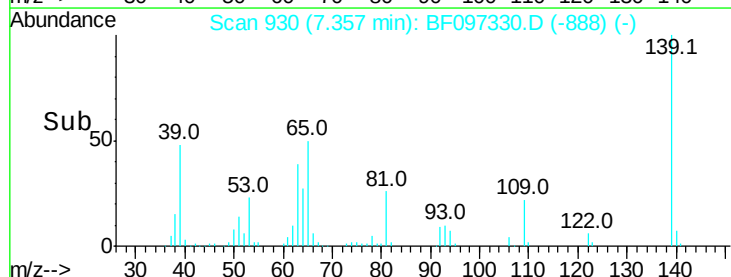
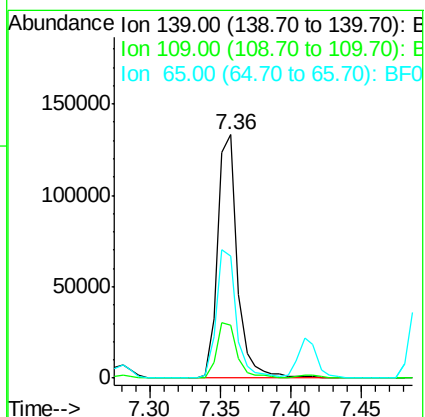
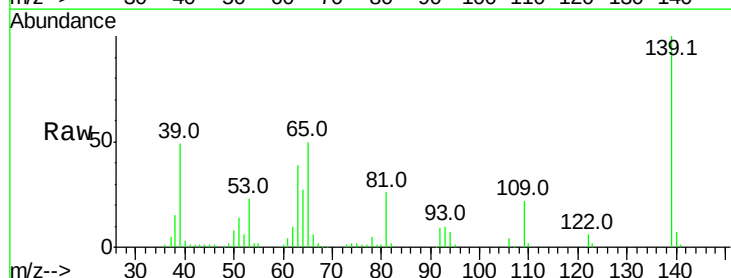
Tgt Ion: 139 Resp: 130666

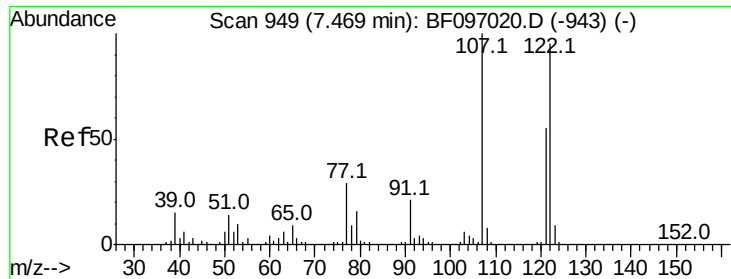
Ion Ratio Lower Upper

139 100

109 21.8 21.0 31.6

65 50.0 33.0 49.6#

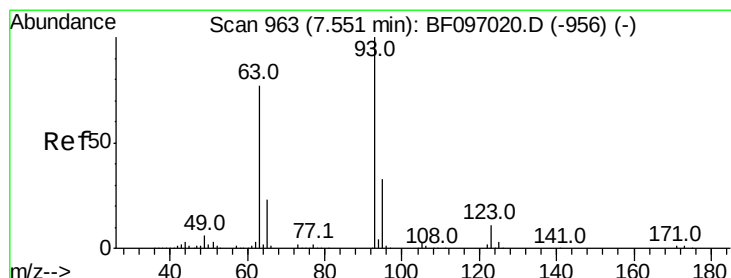
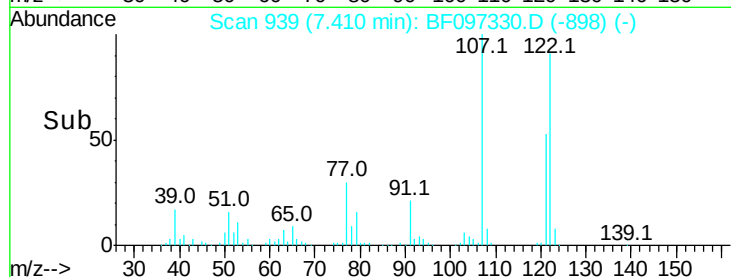
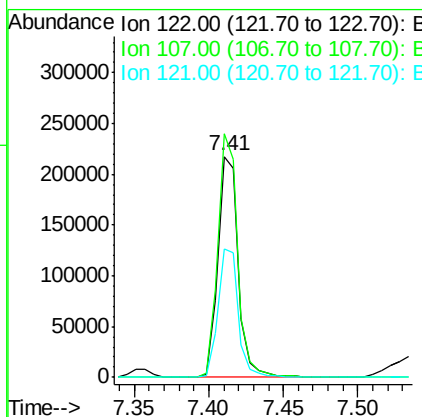
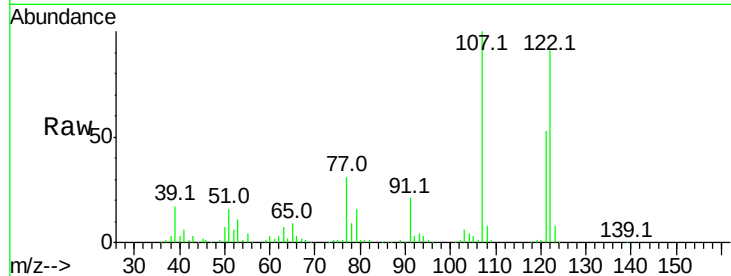




#27
 2,4-Dimethylphenol
 Concen: 32.771 ng
 RT: 7.41 min Scan# 939
 Delta R.T. -0.06 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

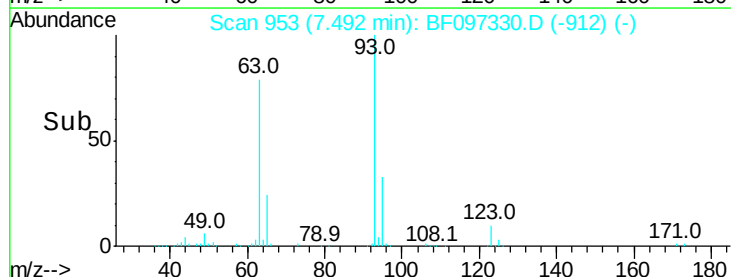
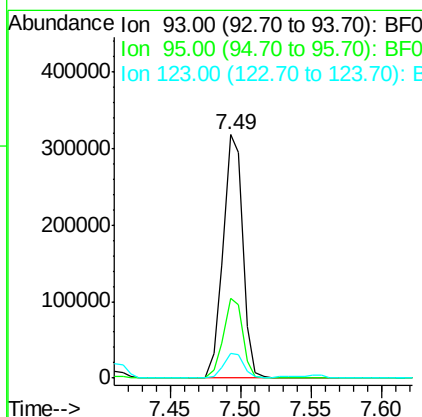
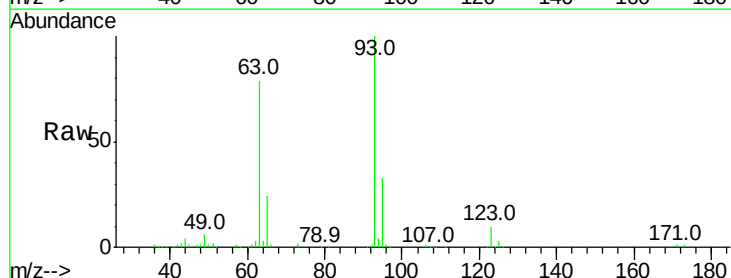
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMS

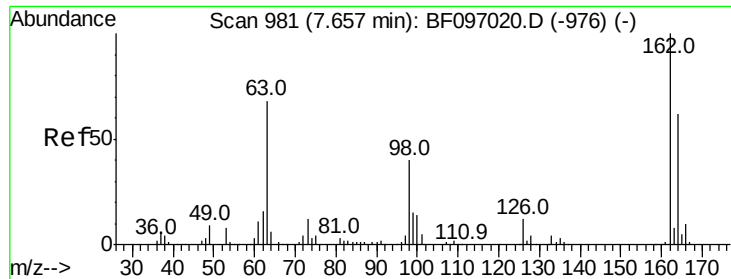
Tot Ion:122 Resp: 209211
 Ion Ratio Lower Upper
 122 100
 107 110.3 89.2 133.8
 121 58.1 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.189 ng
 RT: 7.49 min Scan# 953
 Delta R.T. -0.06 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

Tgt Ion: 93 Resp: 308880
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 9.9 9.0 13.4

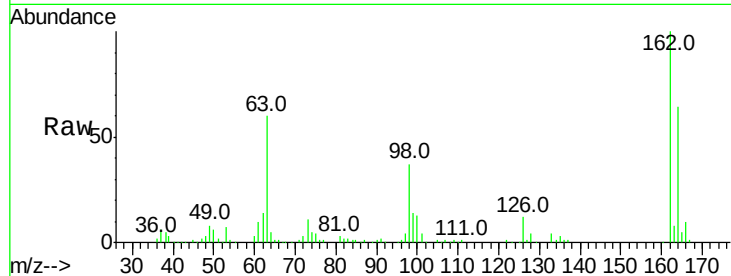




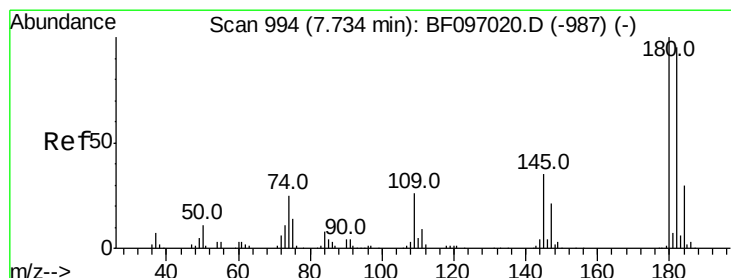
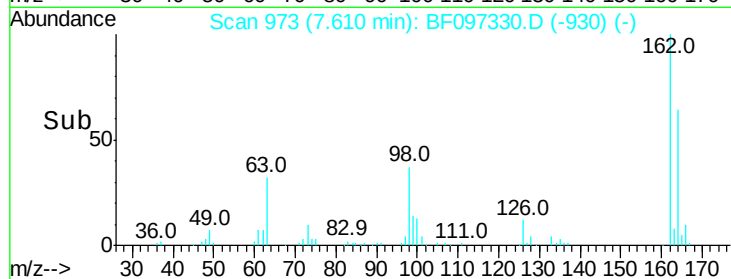
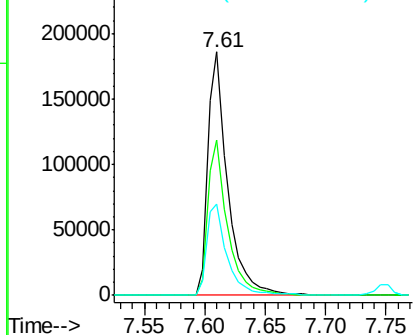
#29
 2,4-Dichlorophenol
 Concen: 38.058 ng
 RT: 7.61 min Scan# 973
 Delta R.T. -0.05 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.6	84.6
98	37.5	14.8	54.8

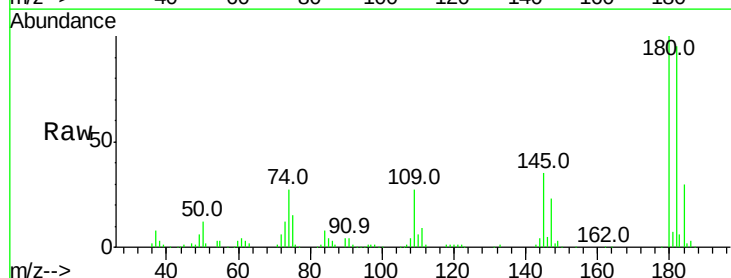


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

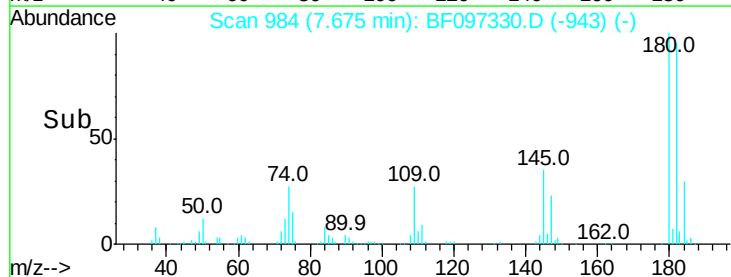
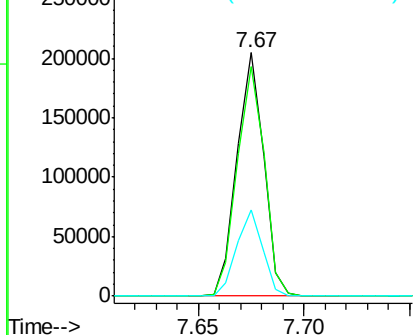


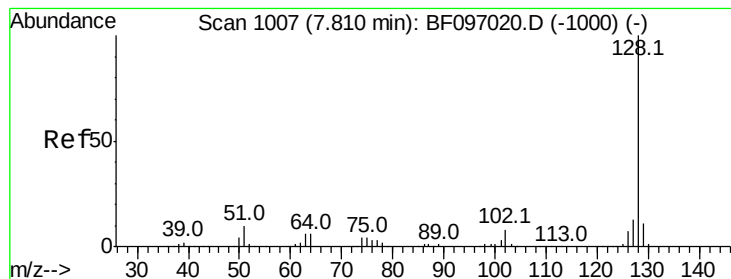
#30
 1,2,4-Trichlorobenzene
 Concen: 34.120 ng
 RT: 7.67 min Scan# 984
 Delta R.T. -0.06 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.8	113.6
145	35.3	25.3	37.9



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





#31

Naphthalene

Concen: 34.525 ng

RT: 7.75 min Scan# 997

Delta R.T. -0.06 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-BMS

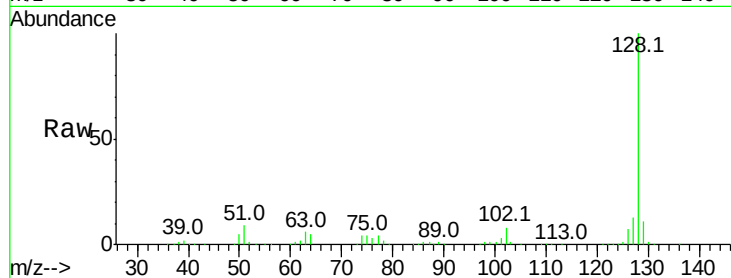
Tot Ion:128 Resp: 655758

Ion Ratio Lower Upper

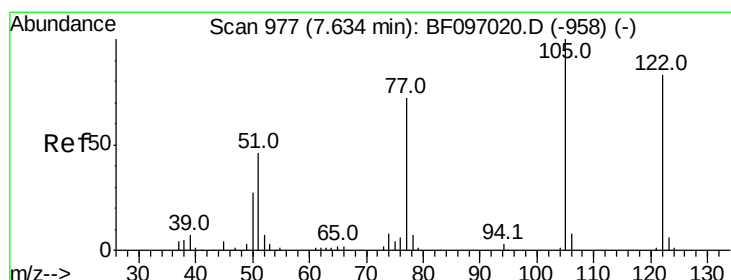
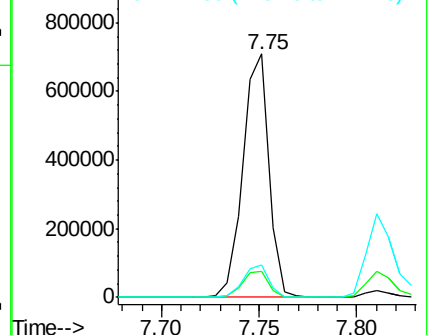
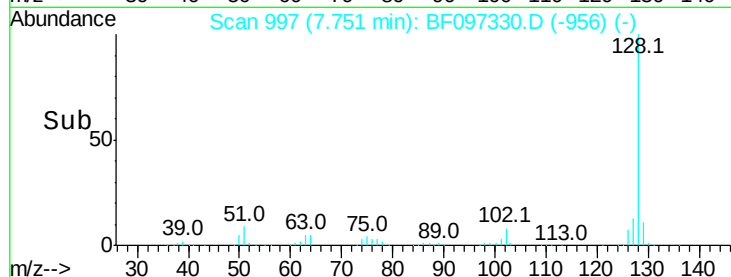
128 100

129 10.8 9.0 13.6

127 13.3 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: 15.827 ng

RT: 7.56 min Scan# 964

Delta R.T. -0.08 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

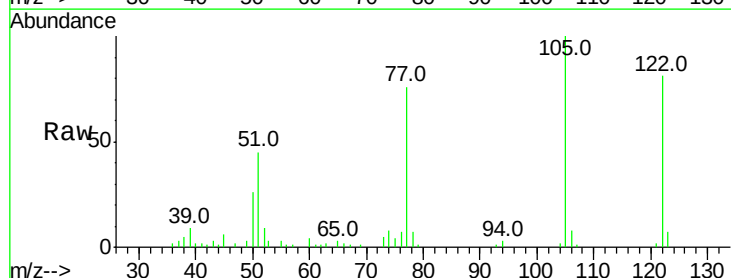
Tgt Ion:122 Resp: 75447

Ion Ratio Lower Upper

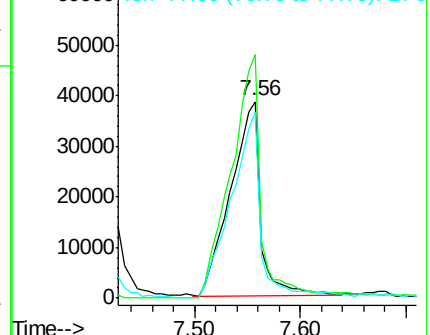
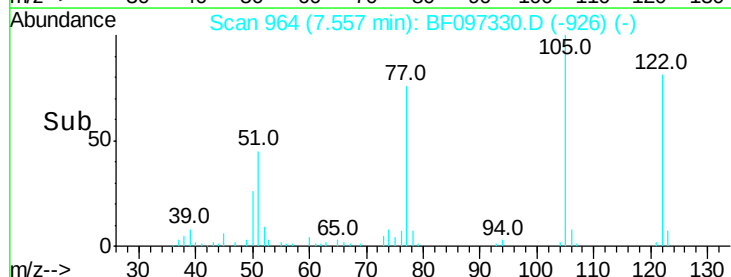
122 100

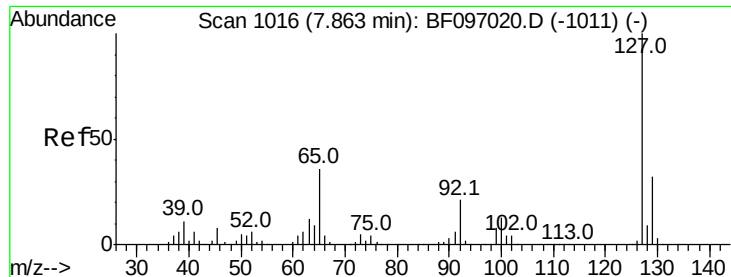
105 123.9 103.3 143.3

77 94.5 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

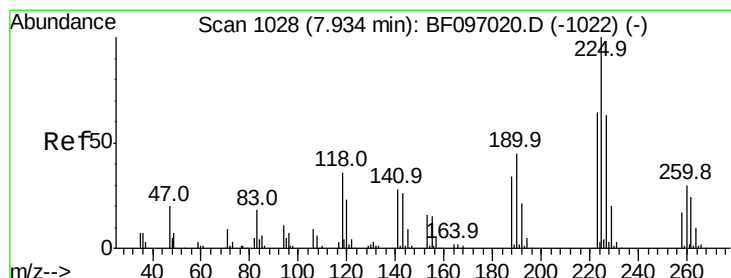
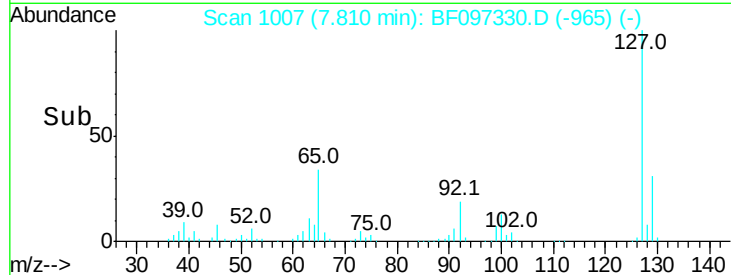
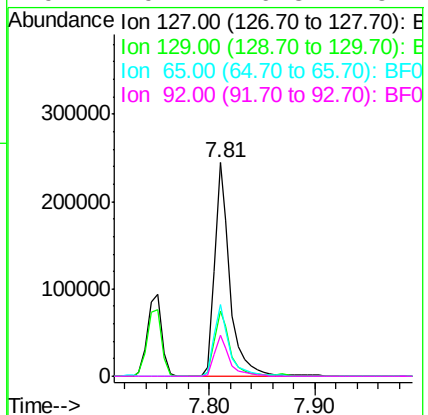
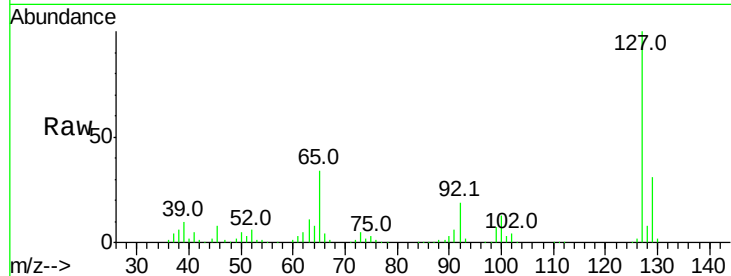




#33
 4-Chloroaniline
 Concen: 32.711 ng
 RT: 7.81 min Scan# 1007
 Delta R.T. -0.05 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

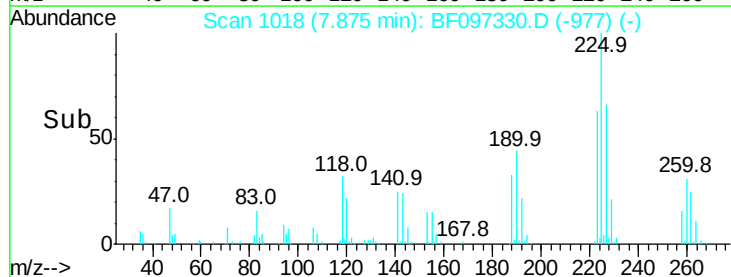
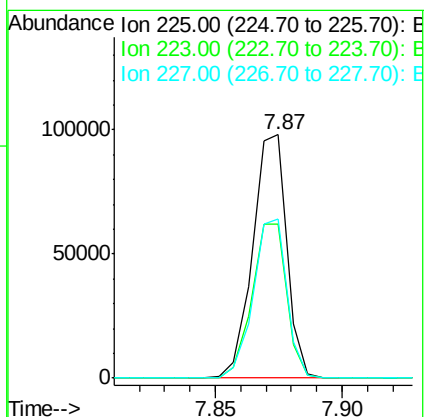
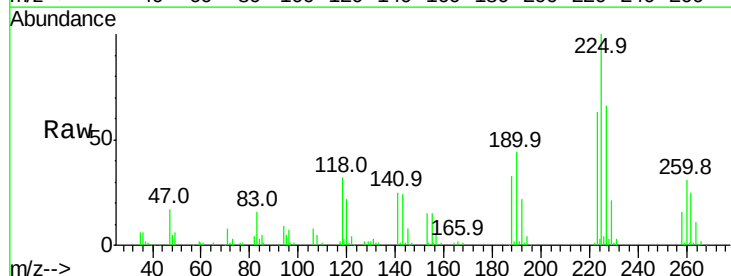
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMS

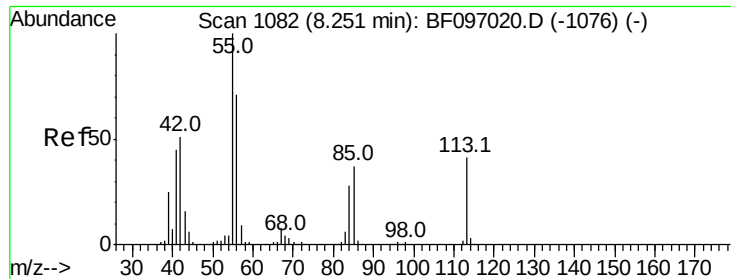
Tot Ion:	127	Resp:	252802
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.2	39.2
65	33.8	27.8	41.8
92	19.2	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 33.145 ng
 RT: 7.87 min Scan# 1018
 Delta R.T. -0.06 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

Tgt Ion:	225	Resp:	92113
Ion	Ratio	Lower	Upper
225	100		
223	63.4	48.8	73.2
227	65.6	51.1	76.7

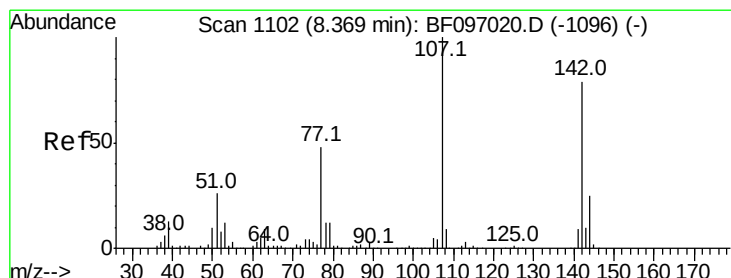
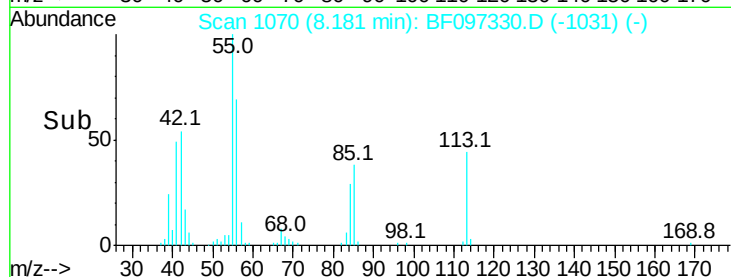
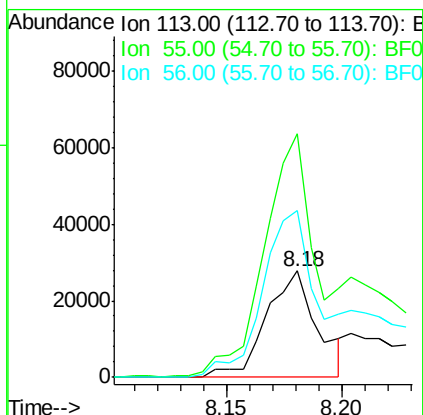
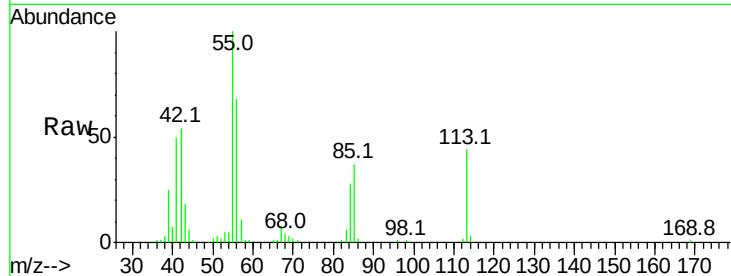




#35
 Caprolactam
 Concen: 24.086 ng
 RT: 8.18 min Scan# 1070
 Delta R.T. -0.07 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

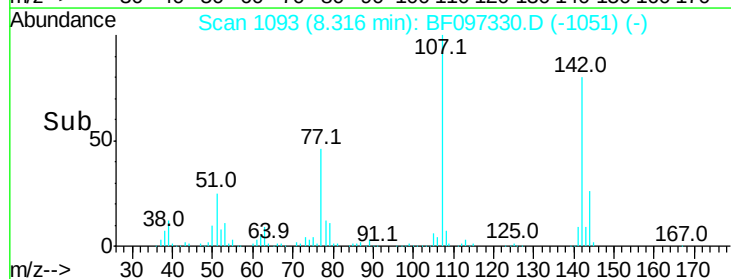
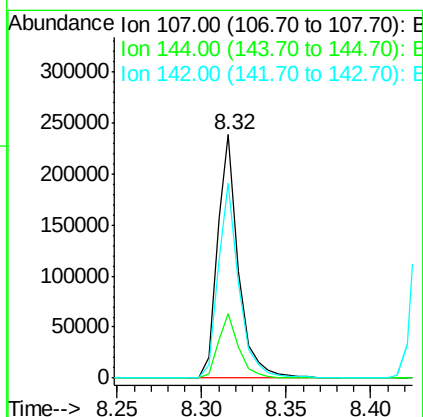
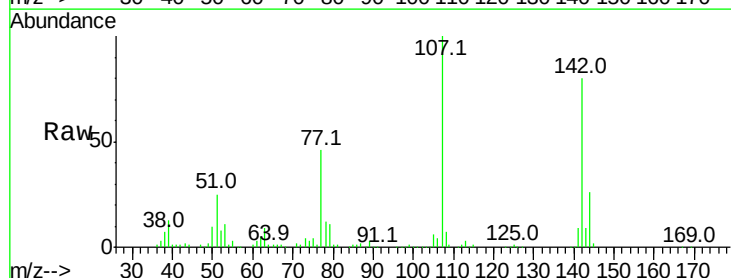
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMS

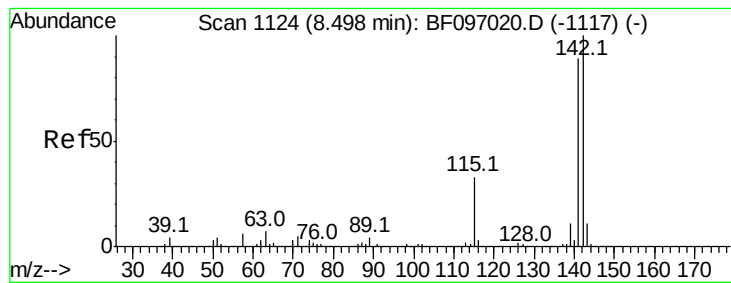
Tot Ion:113 Resp: 42476
 Ion Ratio Lower Upper
 113 100
 55 228.4 150.2 190.2#
 56 156.0 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 34.527 ng
 RT: 8.32 min Scan# 1093
 Delta R.T. -0.05 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

Tgt Ion:107 Resp: 207164
 Ion Ratio Lower Upper
 107 100
 144 26.2 24.2 36.4
 142 79.8 73.4 110.0

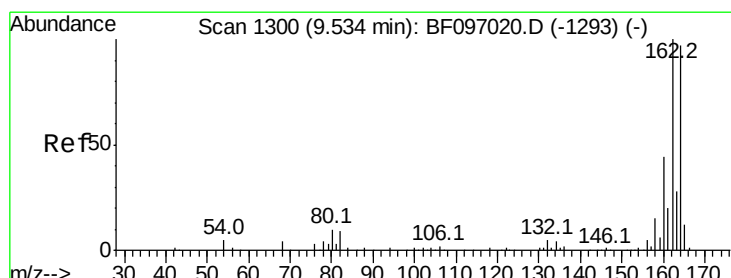
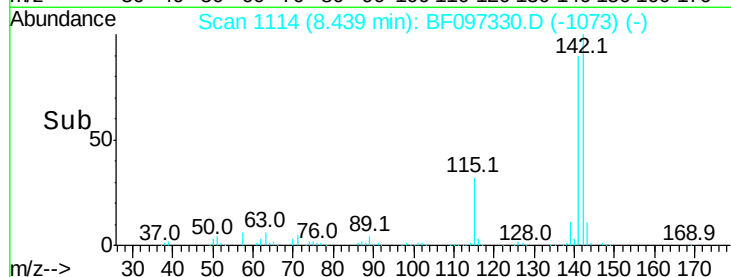
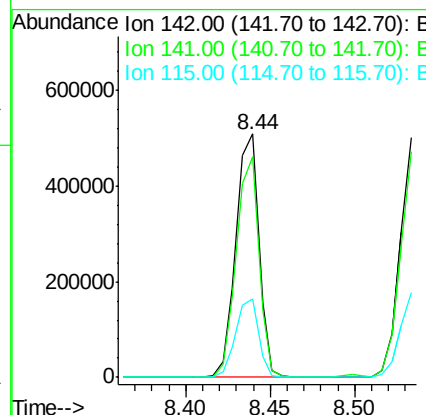
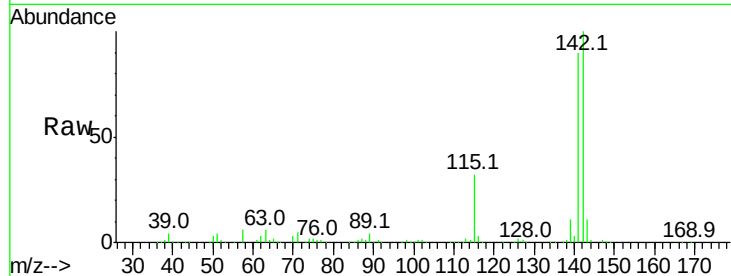




#37
 2-Methylnaphthalene
 Concen: 40.365 ng
 RT: 8.44 min Scan# 1114
 Delta R.T. -0.06 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

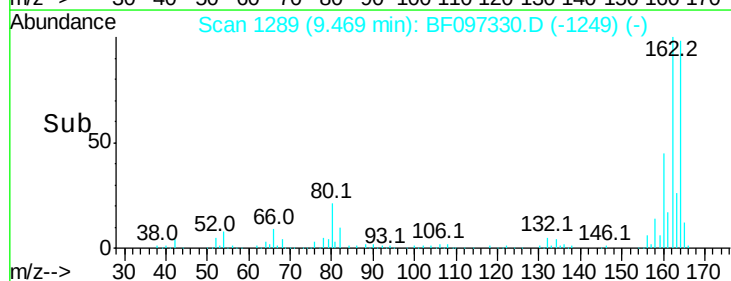
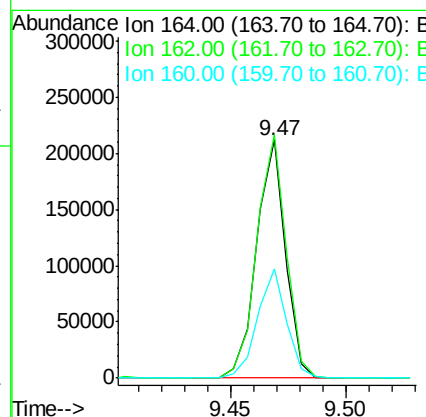
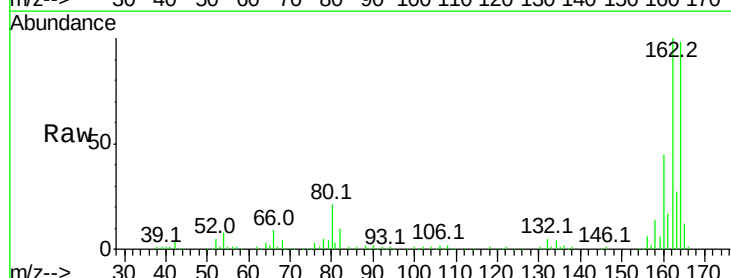
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMS

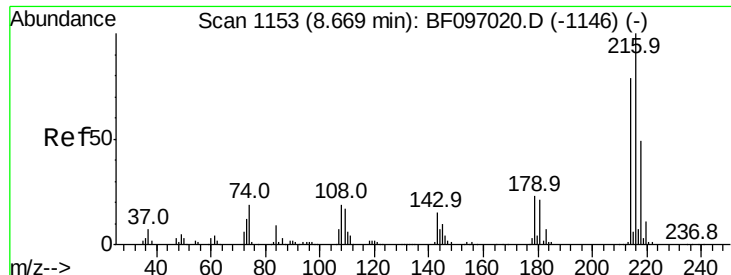
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.3	106.9
115	32.3	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.47 min Scan# 1289
 Delta R.T. -0.06 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	45.9	36.2	54.2

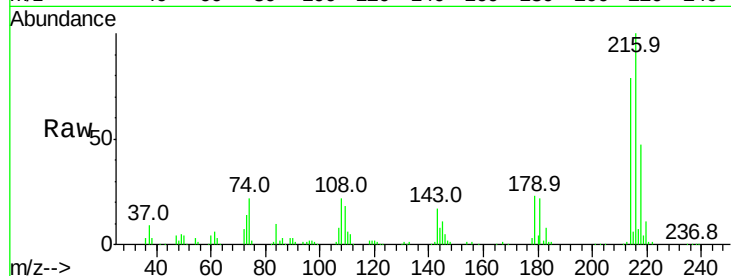




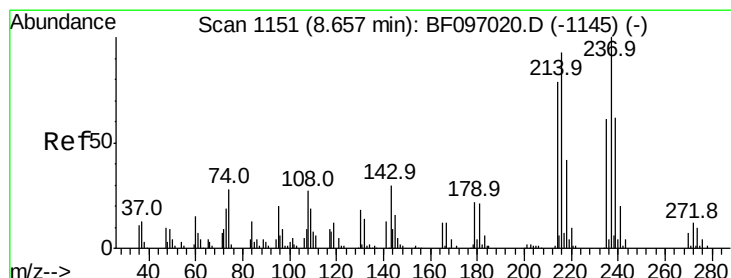
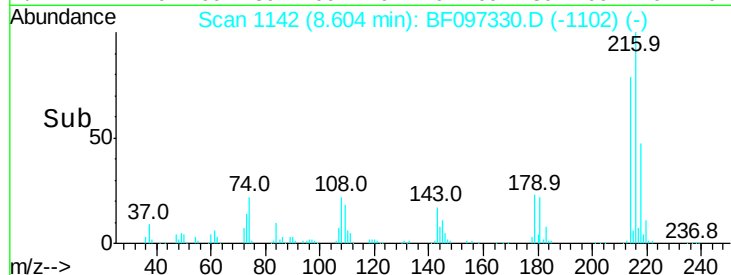
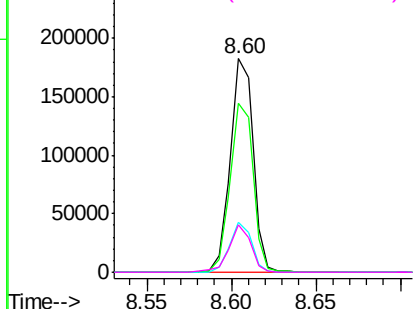
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.688 ng
 RT: 8.60 min Scan# 1142
 Delta R.T. -0.06 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMS

Tot Ion:	216	Resp:	171383
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.4	95.2
179	22.3	17.9	26.9
108	21.1	16.5	24.7

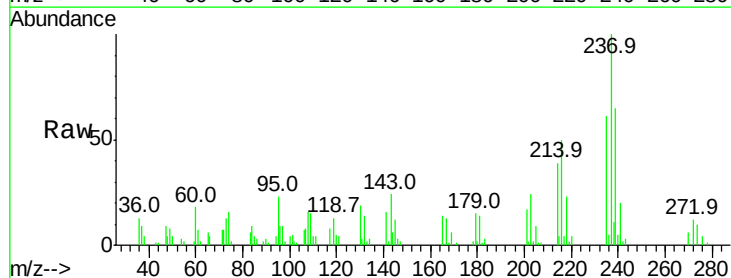


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

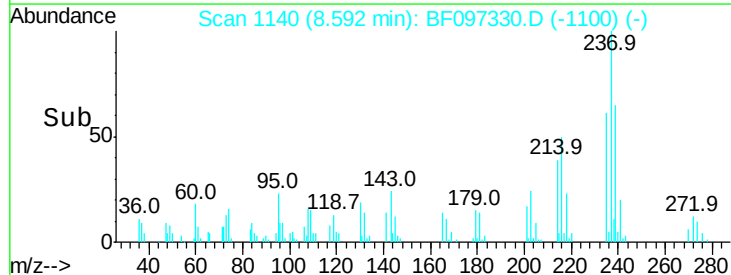
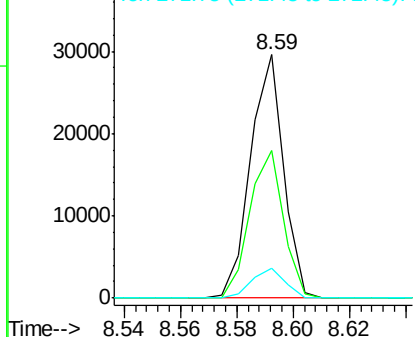


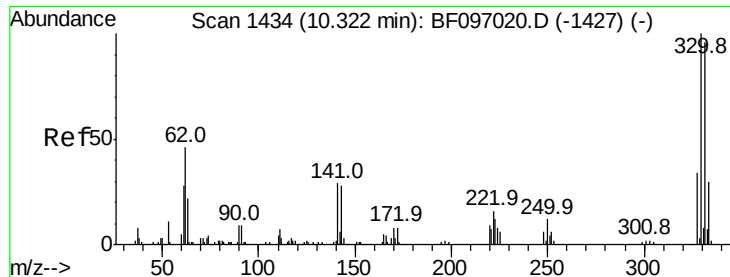
#40
 Hexachlorocyclopentadiene
 Concen: 19.324 ng
 RT: 8.59 min Scan# 1140
 Delta R.T. -0.06 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

Tgt Ion:	237	Resp:	23974
Ion	Ratio	Lower	Upper
237	100		
235	60.7	42.6	82.6
272	12.0	0.0	31.9



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

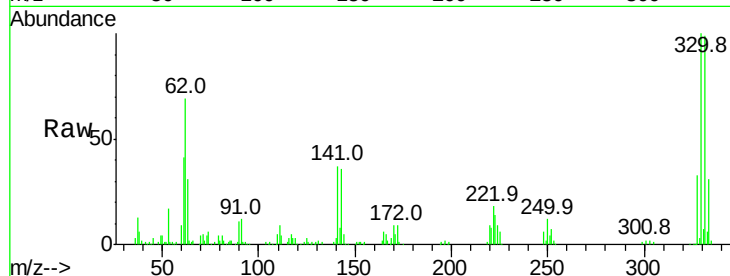




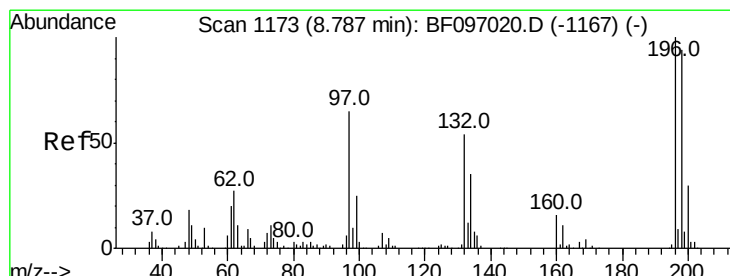
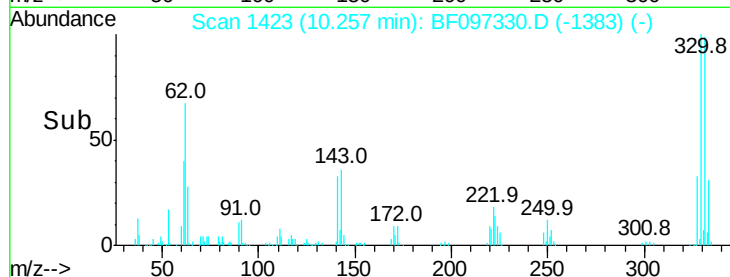
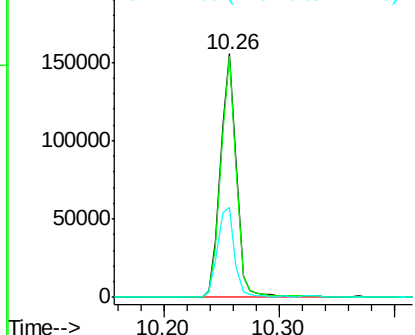
#41
 2,4,6-Tribromophenol
 Concen: 103.001 ng
 RT: 10.26 min Scan# 1423
 Delta R.T. -0.06 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMS

Tot Ion:330 Resp: 150689
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 39.5 31.4 47.2

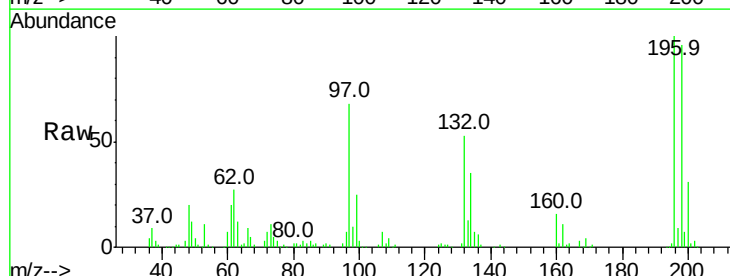


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

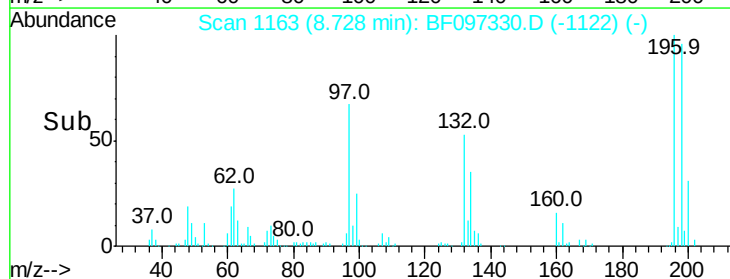
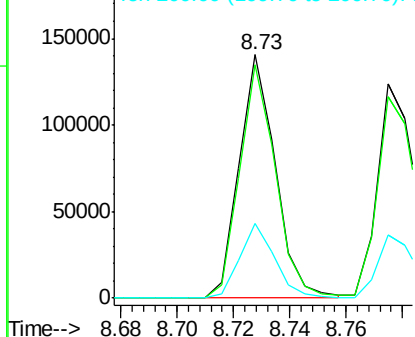


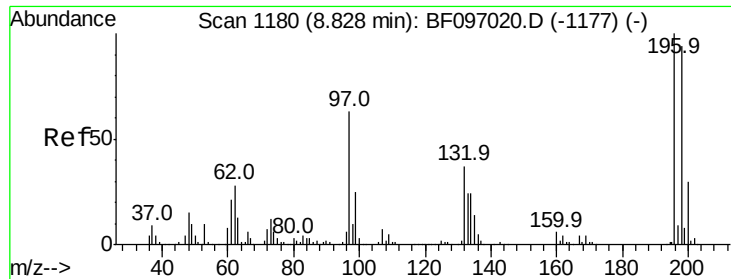
#42
 2,4,6-Trichlorophenol
 Concen: 34.932 ng
 RT: 8.73 min Scan# 1163
 Delta R.T. -0.06 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

Tgt Ion:196 Resp: 125071
 Ion Ratio Lower Upper
 196 100
 198 95.6 74.2 111.4
 200 30.7 24.0 36.0



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

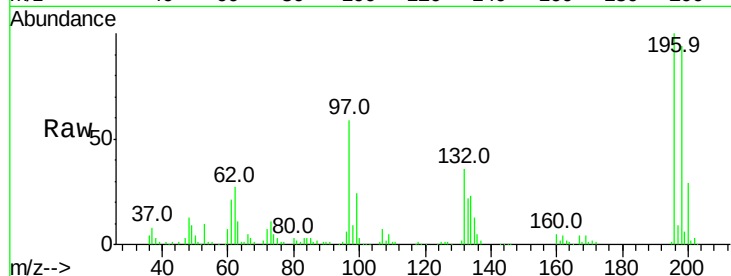




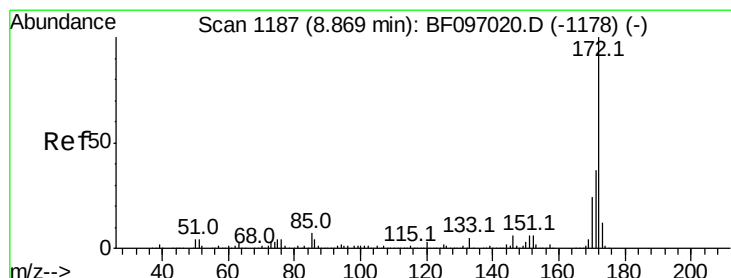
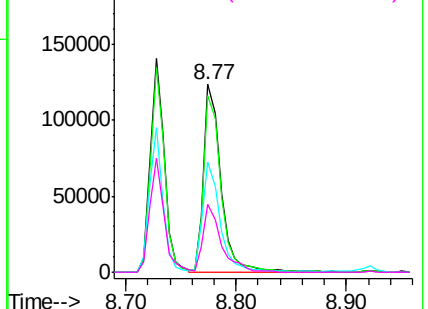
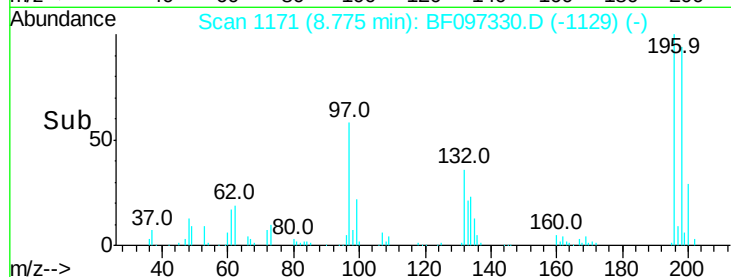
#43
 2,4,5-Trichlorophenol
 Concen: 36.567 ng
 RT: 8.77 min Scan# 1171
 Delta R.T. -0.05 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMS

Tot Ion:196 Resp: 131043
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.7 113.5
 97 58.5 47.7 71.5
 132 36.1 28.0 42.0

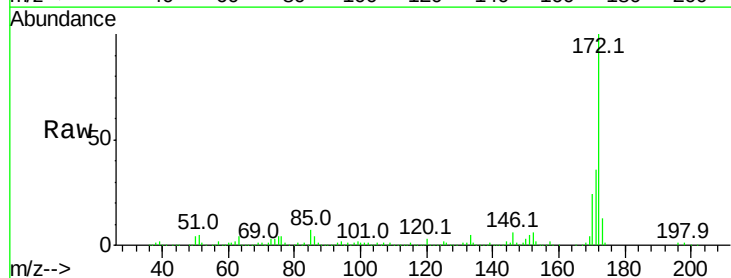


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

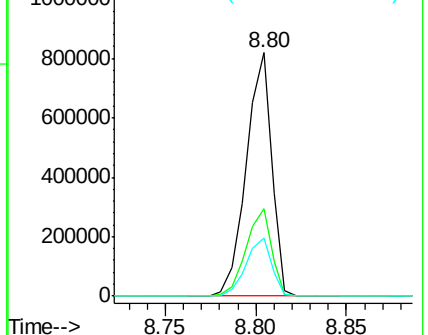
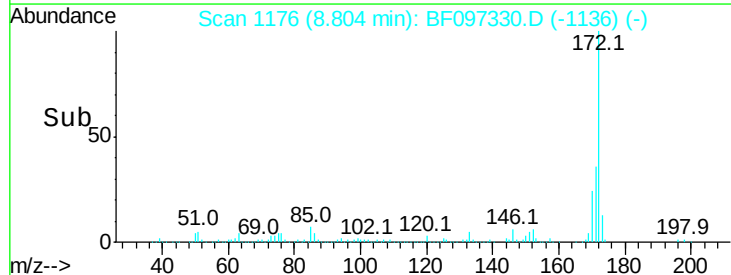


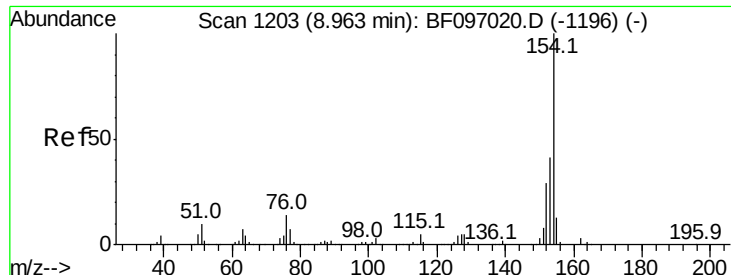
#44
 2-Fluorobiphenyl
 Concen: 73.268 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.06 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

Tgt Ion:172 Resp: 799401
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.0 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: 33.334 ng

RT: 8.90 min Scan# 1192

Delta R.T. -0.06 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-BMS

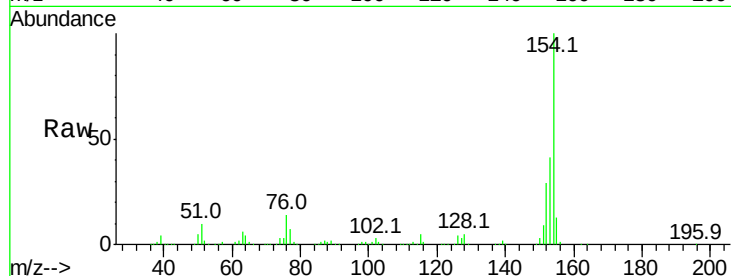
Tot Ion:154 Resp: 527207

Ion Ratio Lower Upper

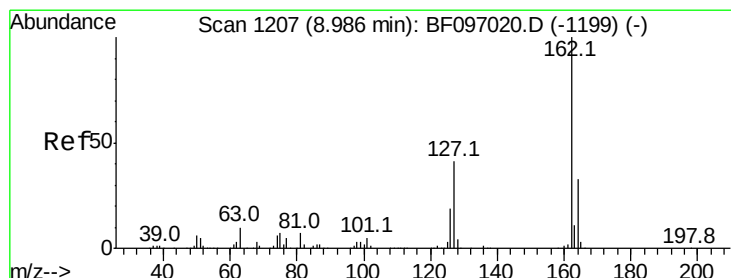
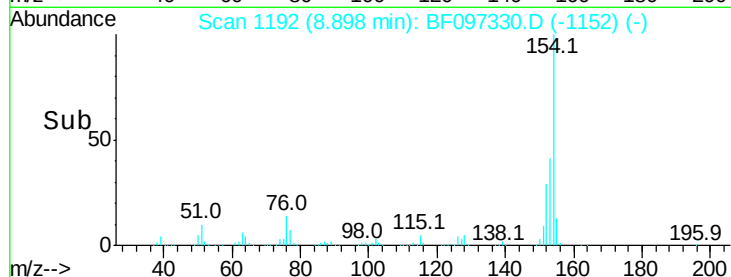
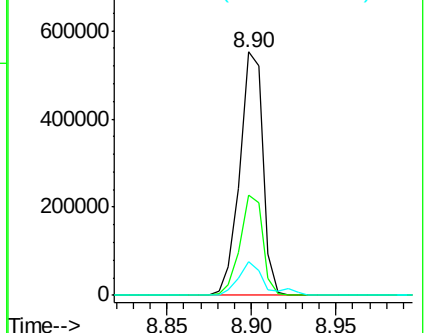
154 100

153 41.3 21.2 61.2

76 13.8 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 34.896 ng

RT: 8.92 min Scan# 1196

Delta R.T. -0.06 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

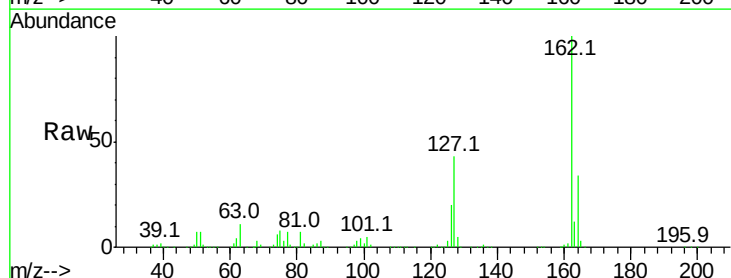
Tgt Ion:162 Resp: 406142

Ion Ratio Lower Upper

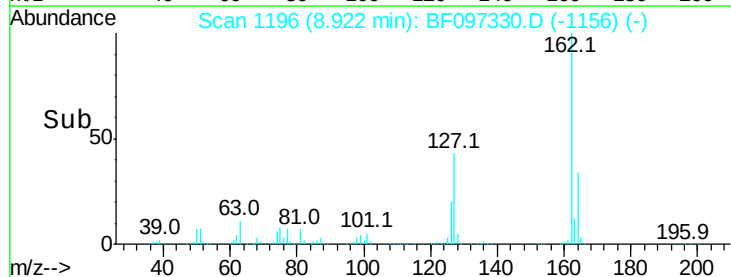
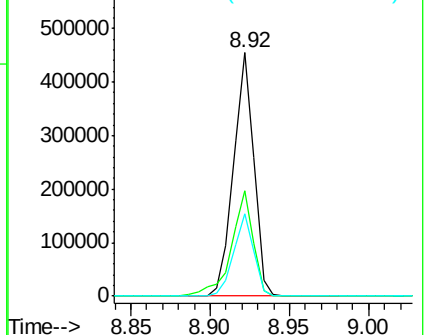
162 100

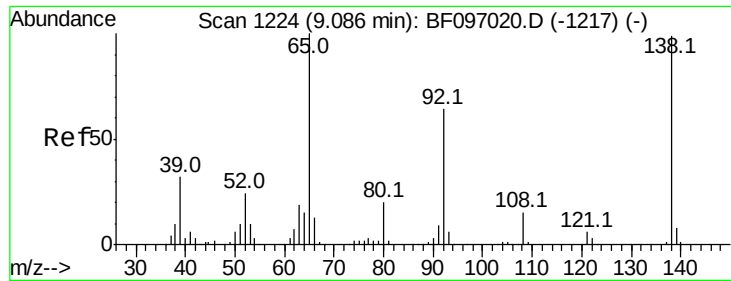
127 43.2 28.3 42.5#

164 33.8 27.0 40.4



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

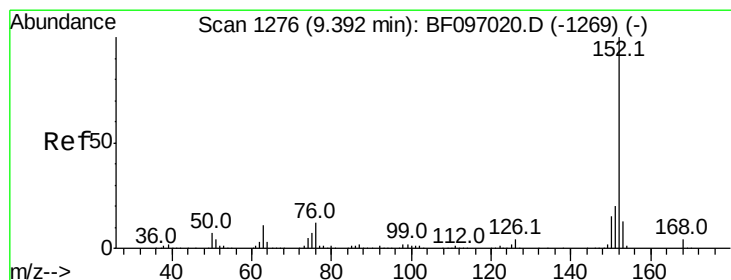
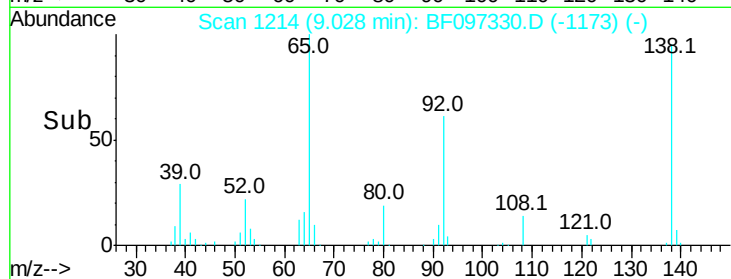
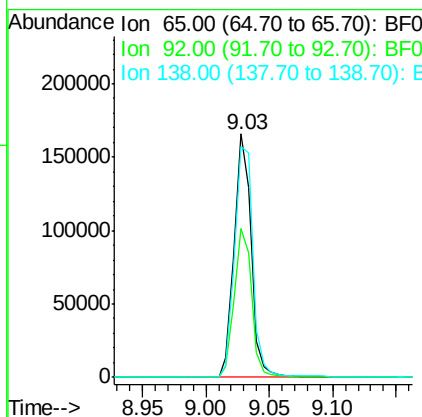
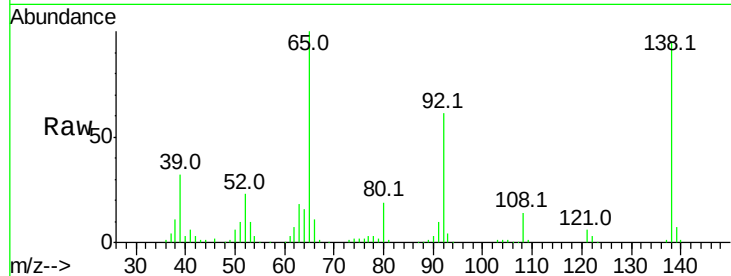




#47
 2-Nitroaniline
 Concen: 35.924 ng
 RT: 9.03 min Scan# 1214
 Delta R.T. -0.06 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

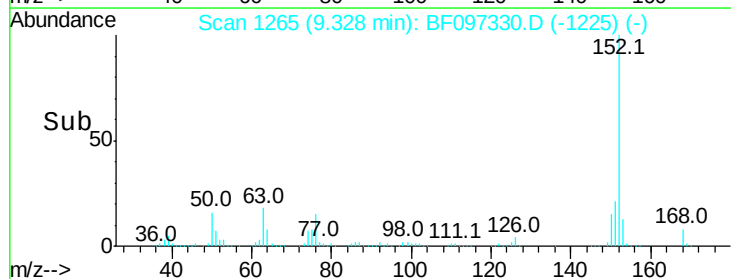
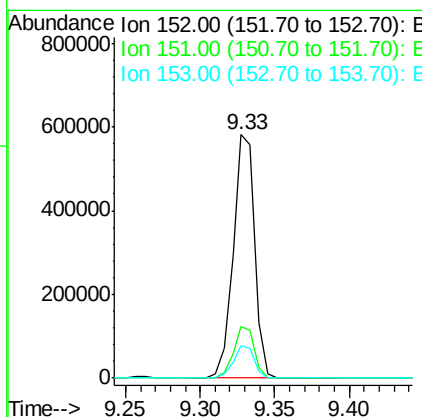
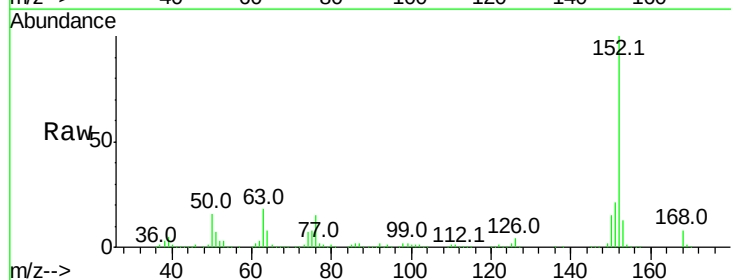
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMS

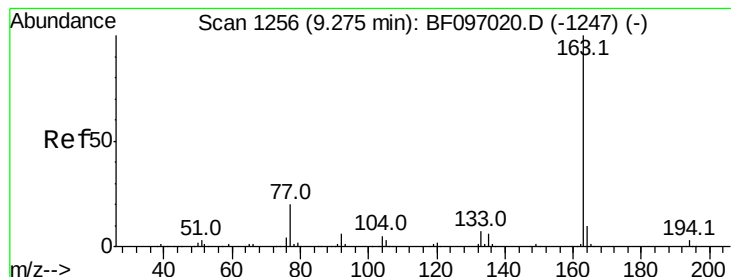
Tot Ion: 65 Resp: 151737
 Ion Ratio Lower Upper
 65 100
 92 61.3 53.9 80.9
 138 94.9 78.8 118.2



#48
 Acenaphthylene
 Concen: 32.830 ng
 RT: 9.33 min Scan# 1265
 Delta R.T. -0.06 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

Tgt Ion: 152 Resp: 586483
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.8 25.2
 153 13.1 10.8 16.2





#49

Dimethylphthalate

Concen: 42.887 ng

RT: 9.21 min Scan# 1245

Delta R.T. -0.06 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-BMS

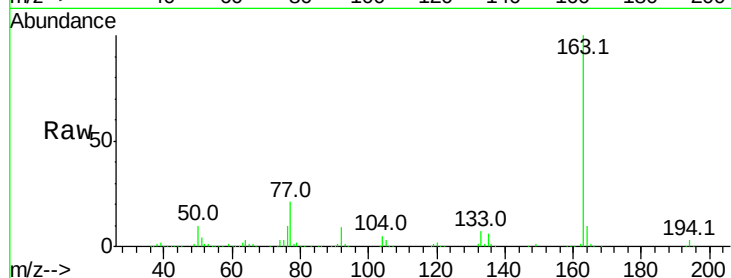
Tot Ion:163 Resp: 603037

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

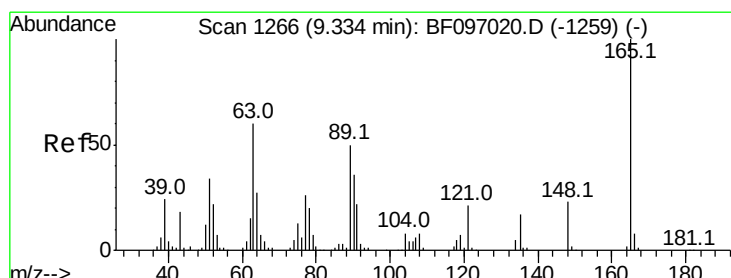
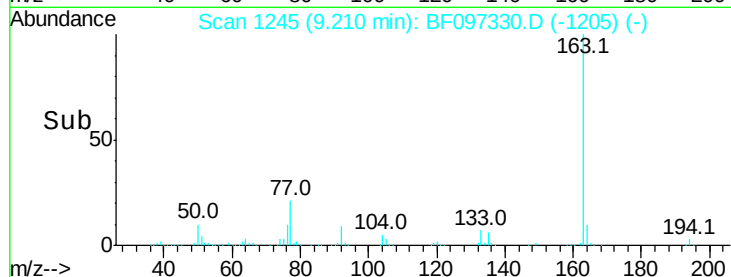
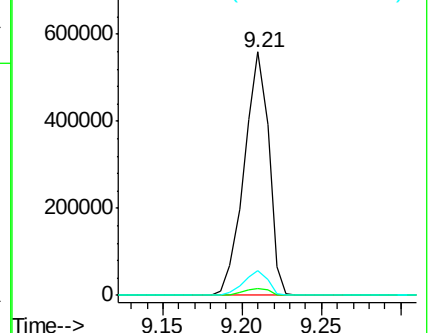
164 9.9 8.4 12.6



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: 34.917 ng

RT: 9.27 min Scan# 1256

Delta R.T. -0.06 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

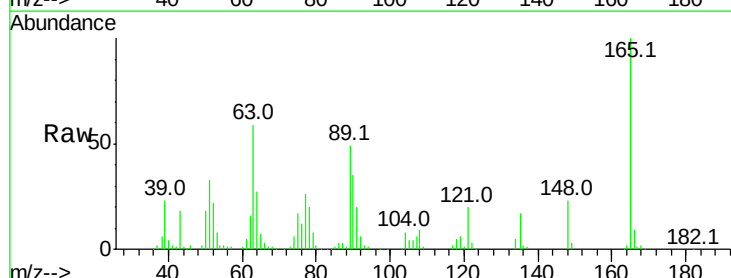
Tgt Ion:165 Resp: 104132

Ion Ratio Lower Upper

165 100

63 59.3 34.3 51.5#

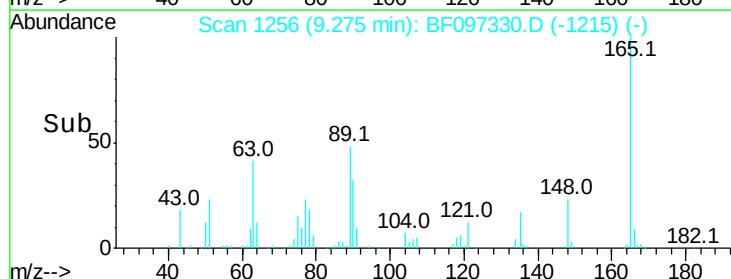
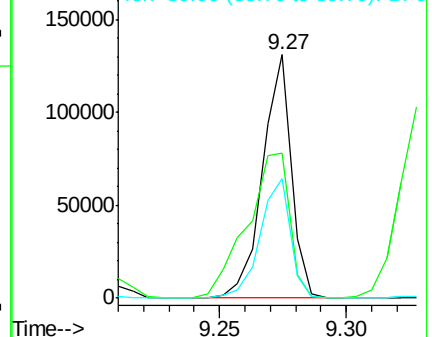
89 48.9 37.1 55.7

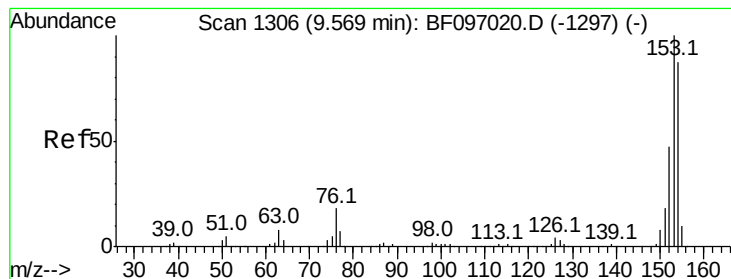


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.961 ng

RT: 9.50 min Scan# 1295

Delta R.T. -0.06 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-BMS

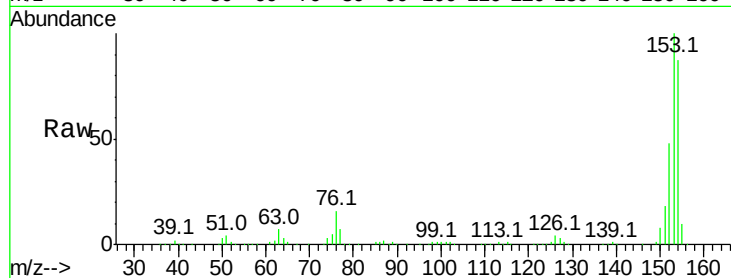
Tot Ion:154 Resp: 367880

Ion Ratio Lower Upper

154 100

153 115.3 90.5 135.7

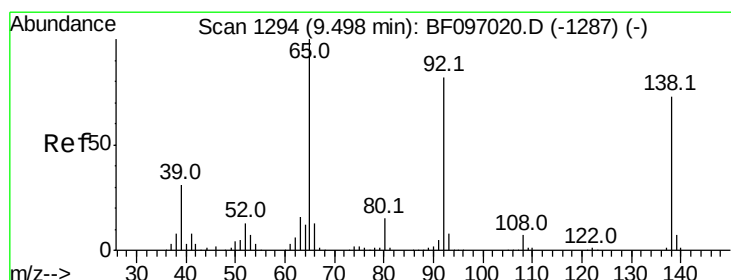
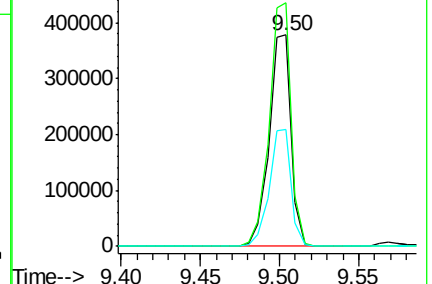
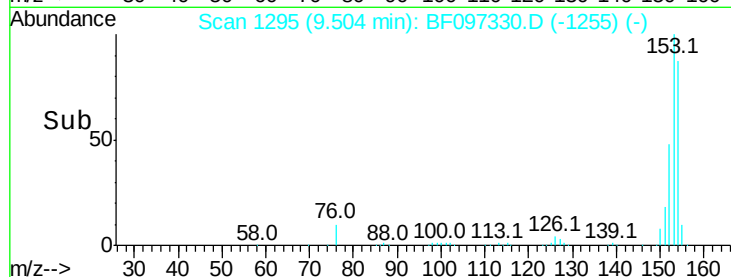
152 55.3 43.6 65.4



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: 34.605 ng

RT: 9.44 min Scan# 1284

Delta R.T. -0.06 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

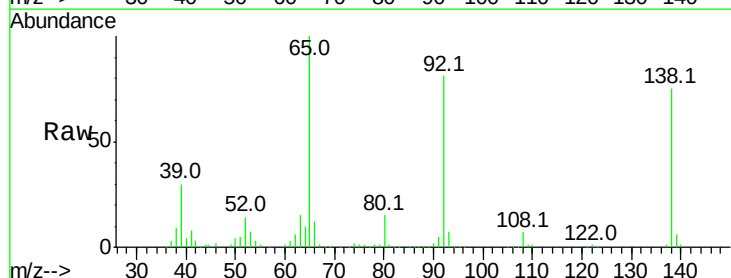
Tgt Ion:138 Resp: 128099

Ion Ratio Lower Upper

138 100

108 9.9 9.1 13.7

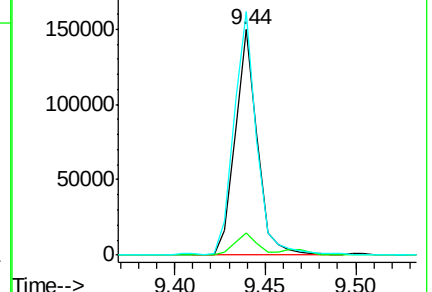
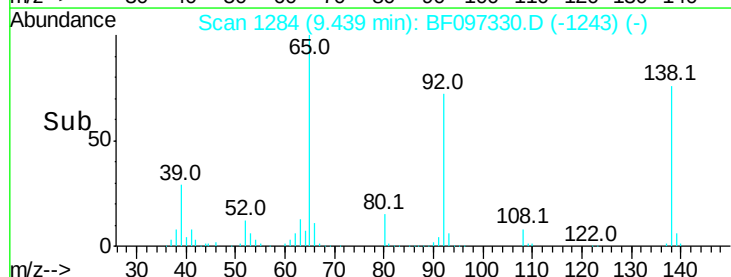
92 107.9 93.8 140.6

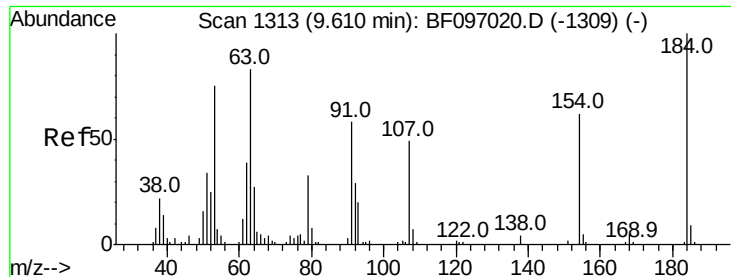


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

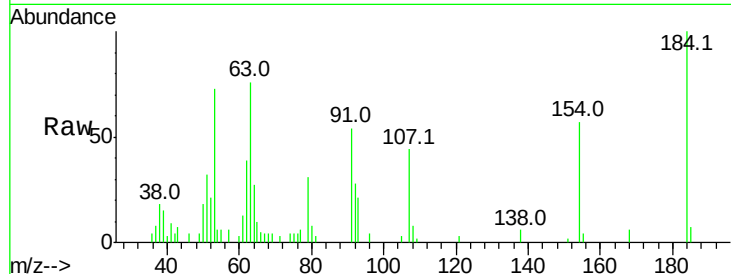




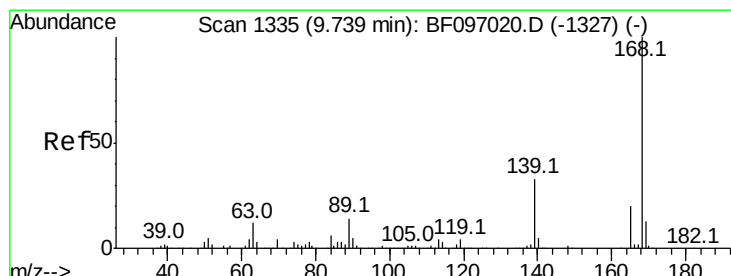
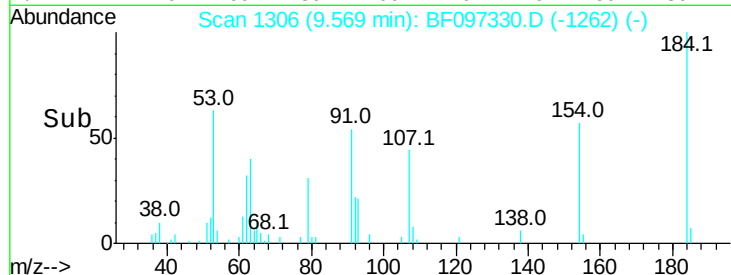
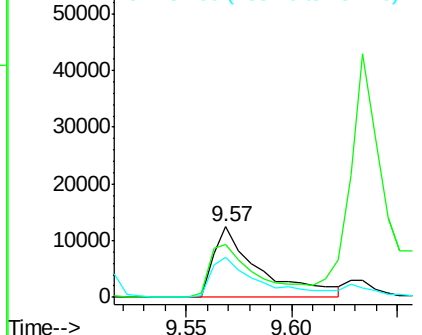
#53
 2,4-Dinitrophenol
 Concen: 13.750 ng
 RT: 9.57 min Scan# 1306
 Delta R.T. -0.04 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMS

Tot Ion:184 Resp: 18645
 Ion Ratio Lower Upper
 184 100
 63 76.1 62.7 94.1
 154 56.7 81.1 121.7#

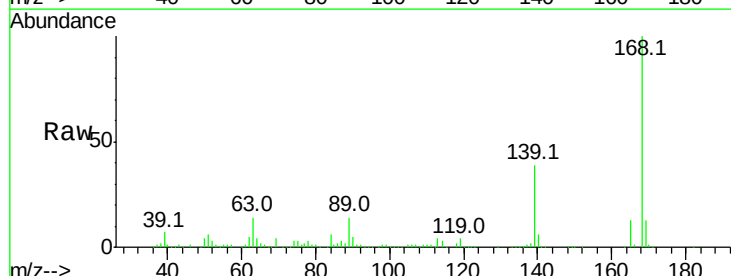


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

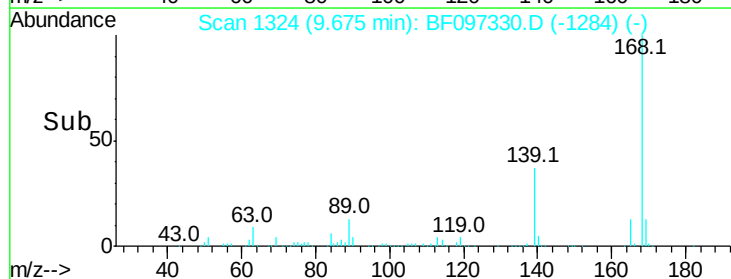
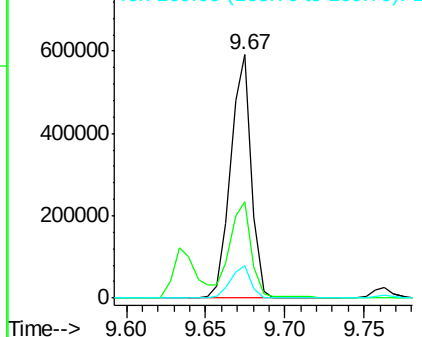


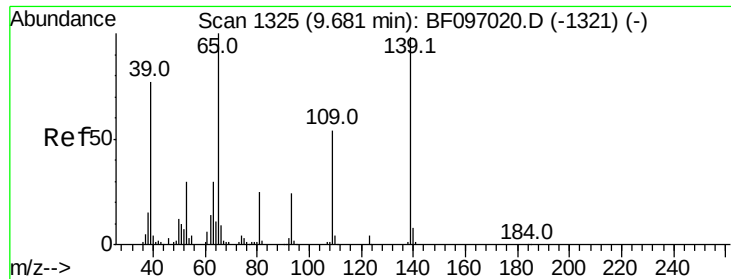
#54
 Dibenzofuran
 Concen: 37.840 ng
 RT: 9.67 min Scan# 1324
 Delta R.T. -0.06 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

Tgt Ion:168 Resp: 530368
 Ion Ratio Lower Upper
 168 100
 139 39.4 30.6 45.8
 169 13.4 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

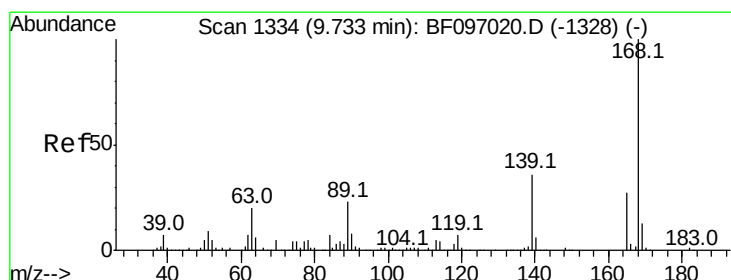
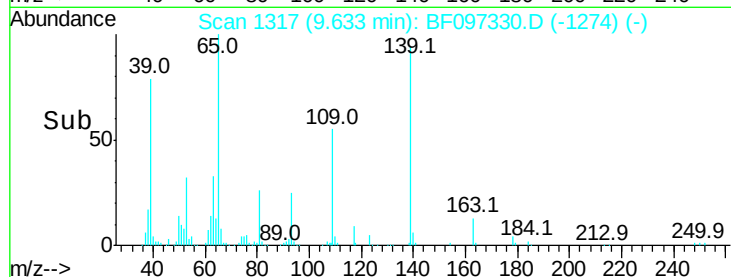
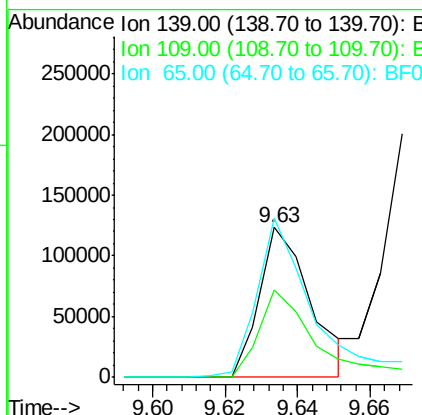
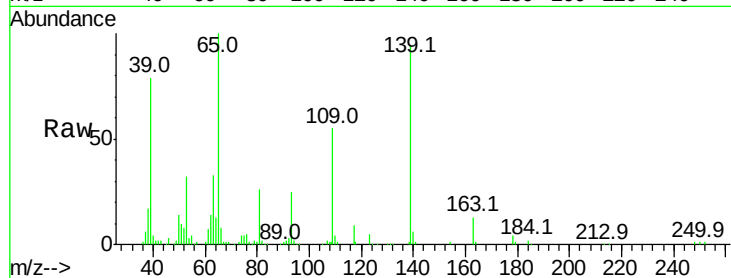




#55
4-Nitrophenol
Concen: 54.824 ng
RT: 9.63 min Scan# 1317
Delta R.T. -0.05 min
Lab File: BF097330.D
Acq: 3 Aug 2017 21:31

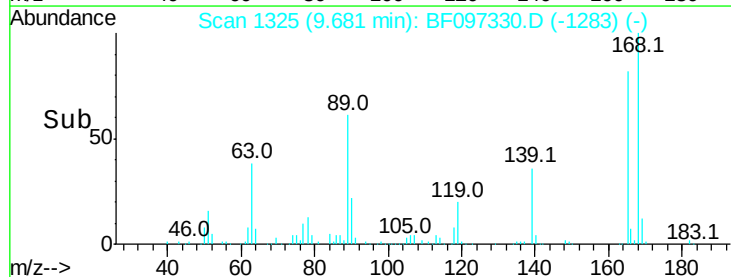
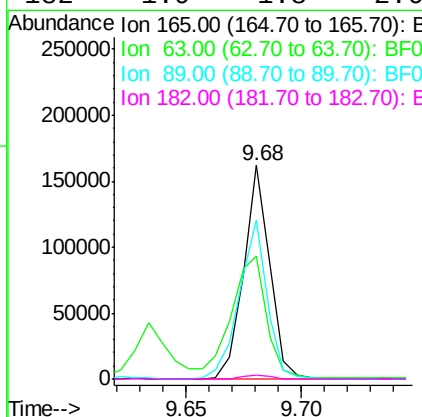
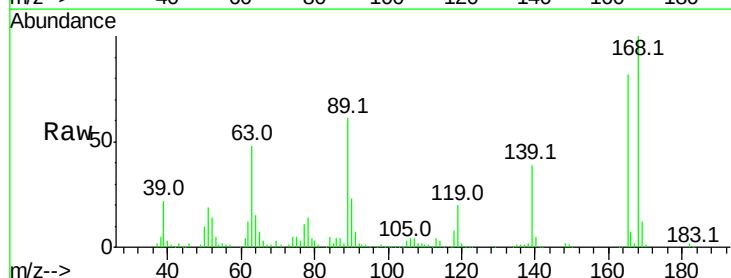
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMS

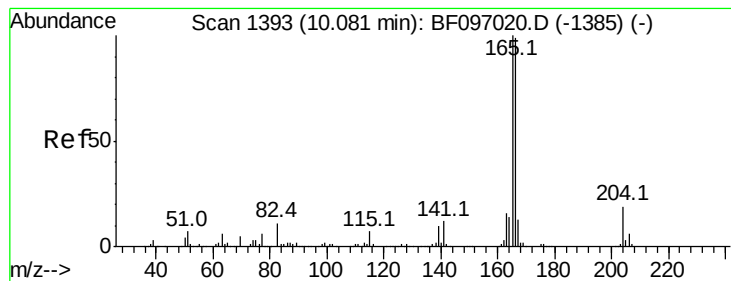
Tot Ion:139 Resp: 120688
Ion Ratio Lower Upper
139 100
109 58.6 34.1 74.1
65 106.3 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 37.120 ng
RT: 9.68 min Scan# 1325
Delta R.T. -0.05 min
Lab File: BF097330.D
Acq: 3 Aug 2017 21:31

Tgt Ion:165 Resp: 127261
Ion Ratio Lower Upper
165 100
63 57.7 25.4 38.0#
89 74.2 46.4 69.6#
182 1.9 1.8 2.6





#57

Fluorene

Concen: 38.608 ng

RT: 10.02 min Scan# 1382

Delta R.T. -0.06 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-BMS

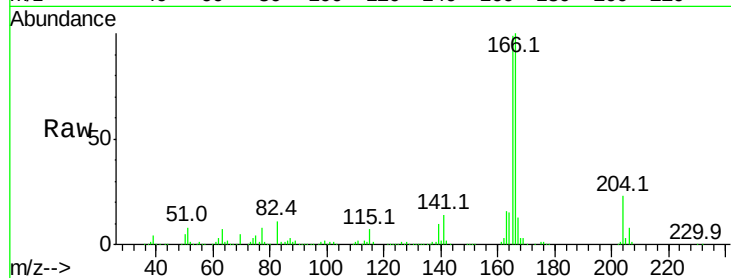
Tot Ion:166 Resp: 406712

Ion Ratio Lower Upper

166 100

165 99.2 78.8 118.2

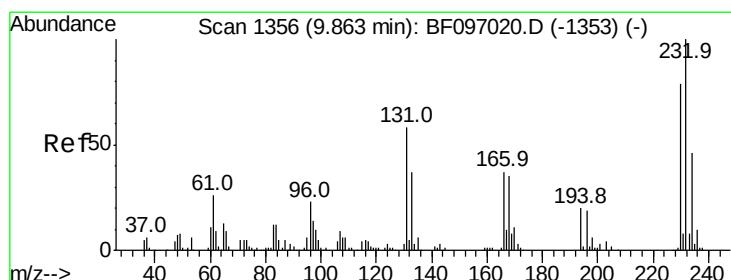
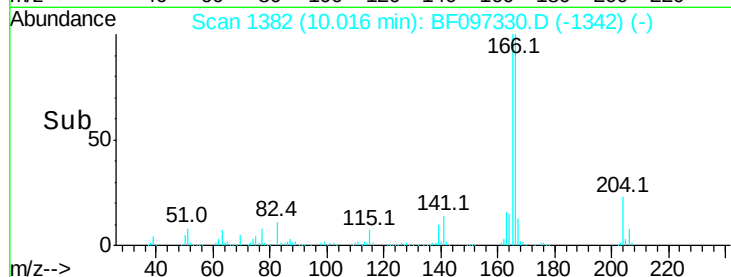
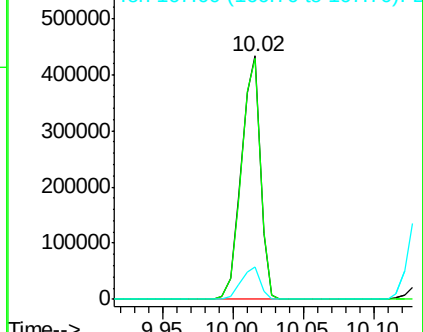
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.748 ng

RT: 9.80 min Scan# 1346

Delta R.T. -0.06 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

Tgt Ion:232 Resp: 93404

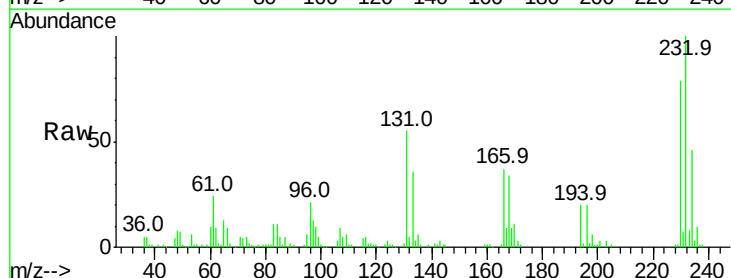
Ion Ratio Lower Upper

232 100

131 54.9 44.8 67.2

130 2.3 2.3 3.5#

166 34.1 29.0 43.4

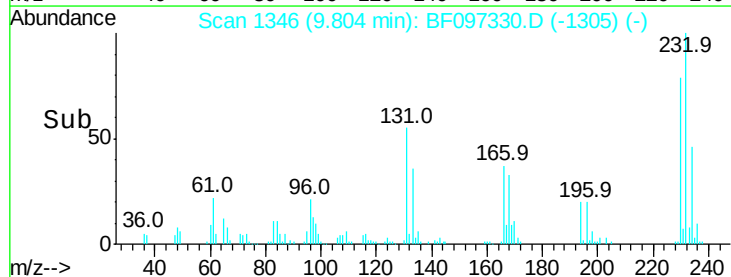
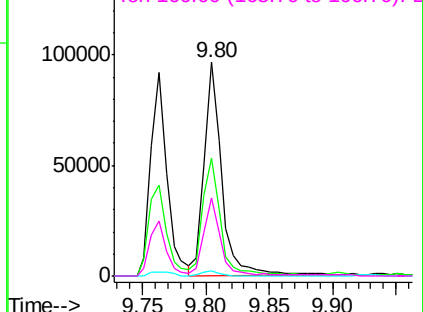


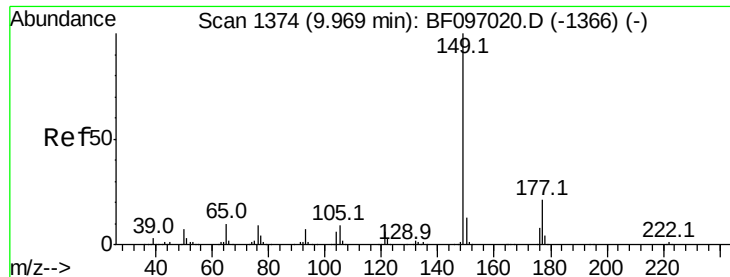
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

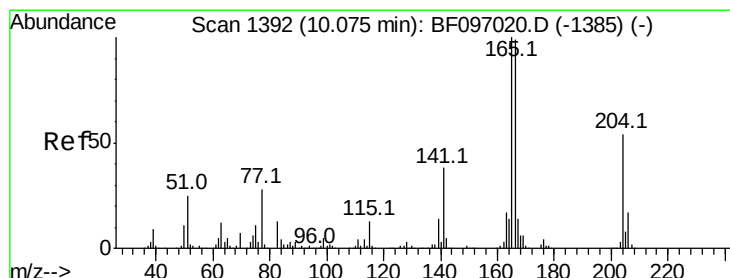
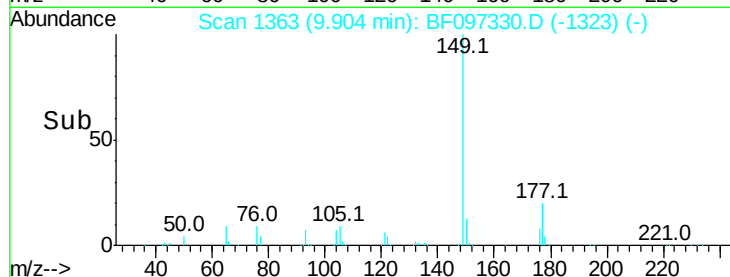
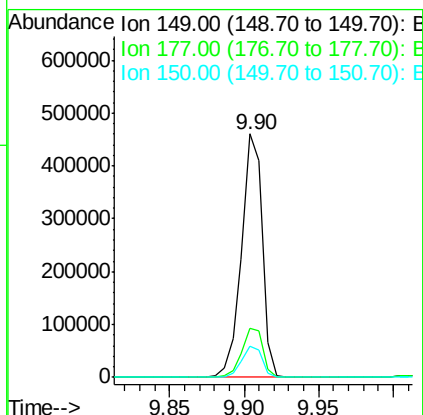
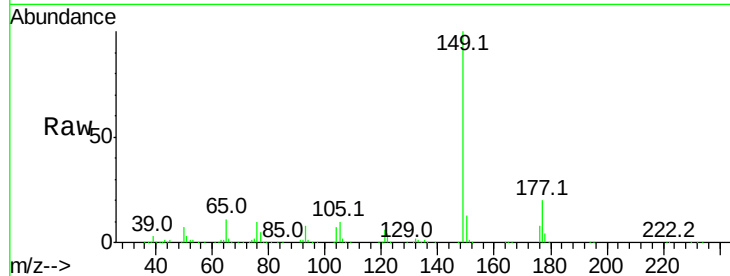




#59
Diethylphthalate
Concen: 34.524 ng
RT: 9.90 min Scan# 1363
Delta R.T. -0.06 min
Lab File: BF097330.D
Acq: 3 Aug 2017 21:31

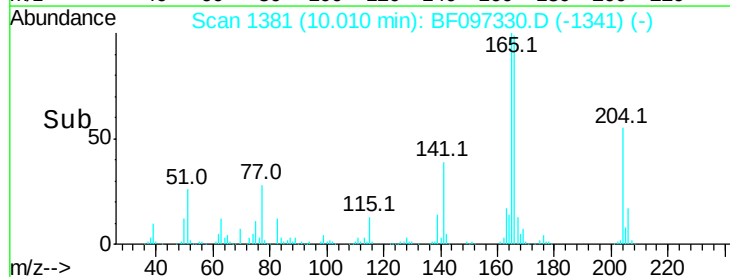
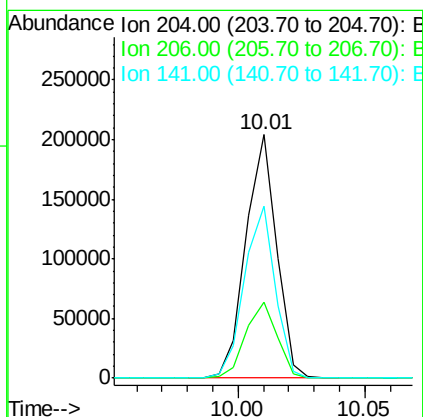
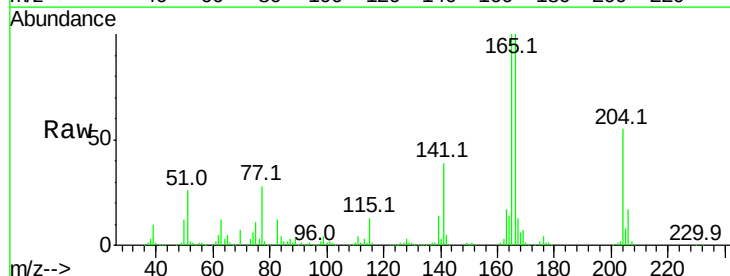
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMS

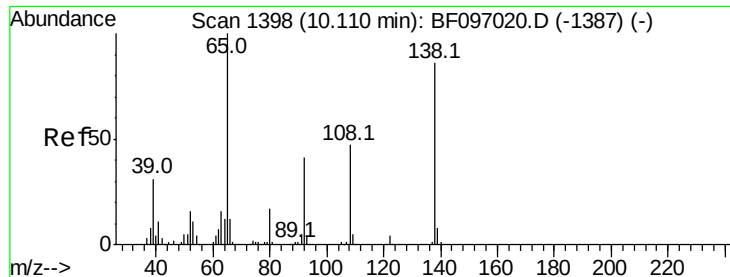
Tot Ion:149 Resp: 445371
Ion Ratio Lower Upper
149 100
177 20.3 16.7 25.1
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.555 ng
RT: 10.01 min Scan# 1381
Delta R.T. -0.06 min
Lab File: BF097330.D
Acq: 3 Aug 2017 21:31

Tgt Ion:204 Resp: 172065
Ion Ratio Lower Upper
204 100
206 31.4 26.2 39.2
141 70.7 60.8 91.2





#61

4-Nitroaniline

Concen: 37.520 ng

RT: 10.05 min Scan# 1388

Delta R.T. -0.06 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-BMS

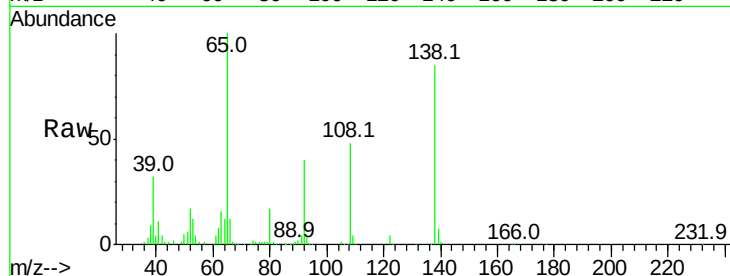
Tot Ion:138 Resp: 131971

Ion Ratio Lower Upper

138 100

92 47.0 21.8 61.8

108 56.8 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

10.05

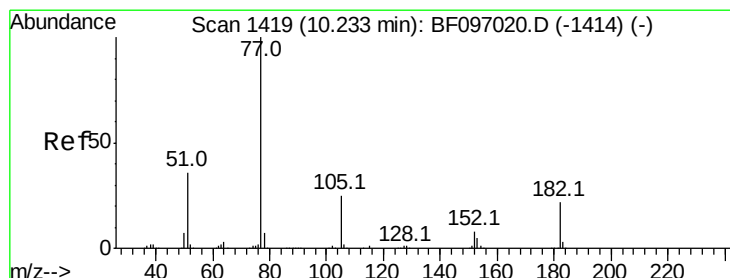
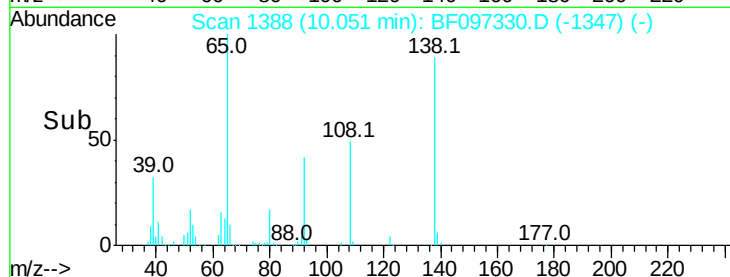
150000

100000

50000

0

Time-->



#62

Azobenzene

Concen: 41.025 ng

RT: 10.17 min Scan# 1408

Delta R.T. -0.06 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

Tgt Ion: 77 Resp: 490955

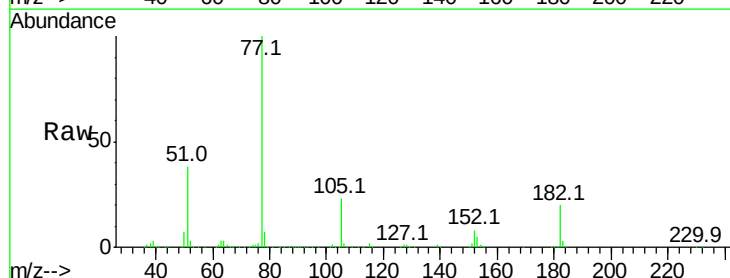
Ion Ratio Lower Upper

77 100

182 20.4 0.1 40.1

105 23.4 3.6 43.6

51 37.6 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

10.17

800000

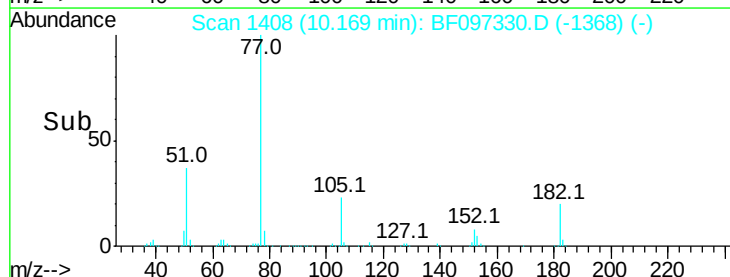
600000

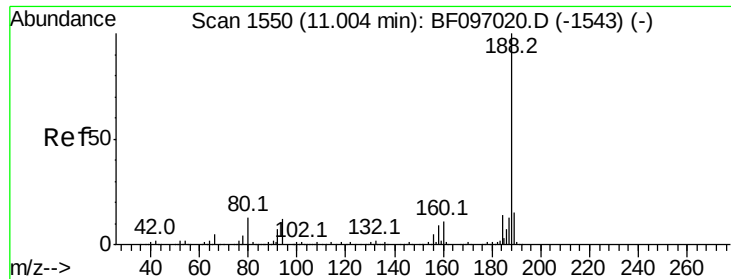
400000

200000

0

Time-->





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.94 min Scan# 1539

Delta R.T. -0.06 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-BMS

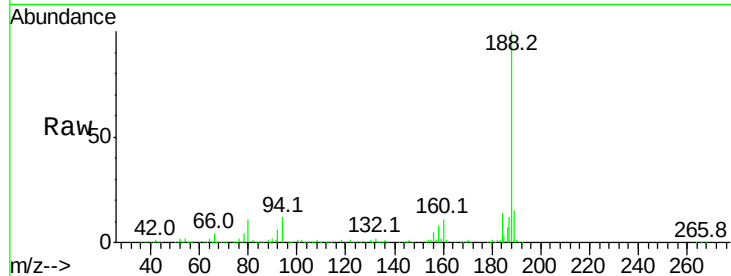
Tot Ion:188 Resp: 288325

Ion Ratio Lower Upper

188 100

94 11.7 9.4 14.2

80 11.3 10.2 15.2

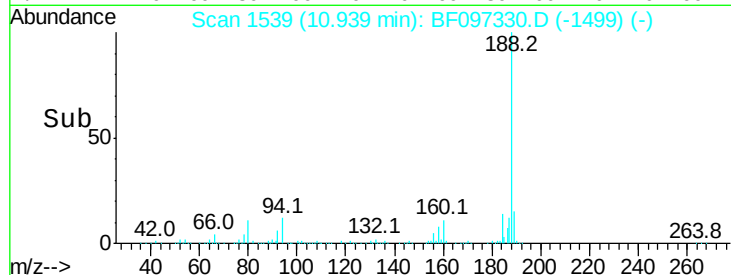


Abundance Ion 188.00 (187.70 to 188.70): E

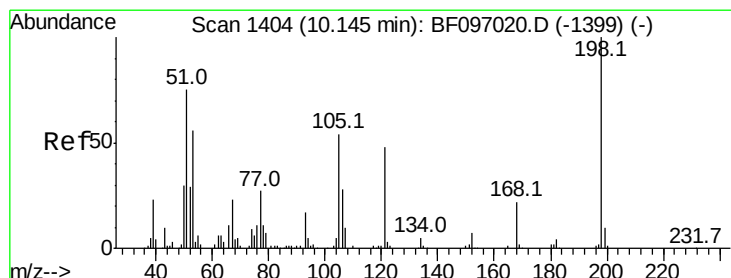
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 11.689 ng

RT: 10.09 min Scan# 1395

Delta R.T. -0.05 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

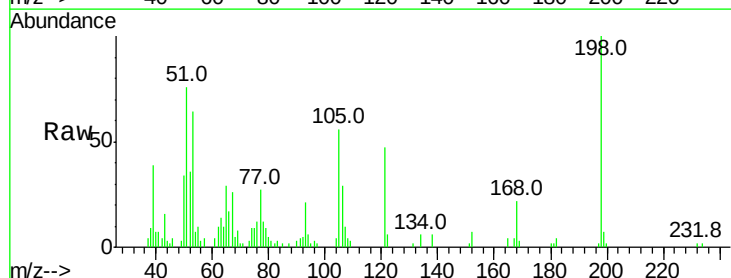
Tgt Ion:198 Resp: 20942

Ion Ratio Lower Upper

198 100

51 75.8 53.2 93.2

105 56.0 45.8 85.8

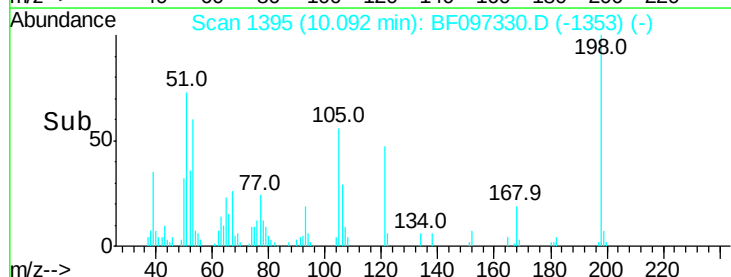


Abundance Ion 198.00 (197.70 to 198.70): E

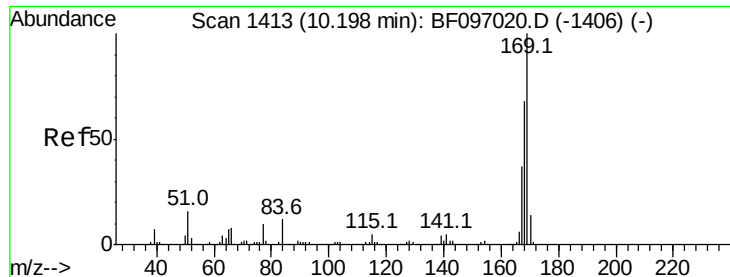
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

Time-->



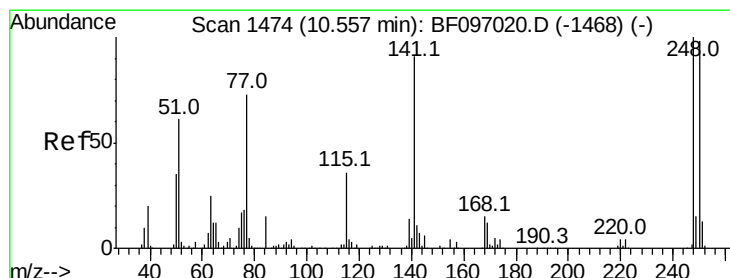
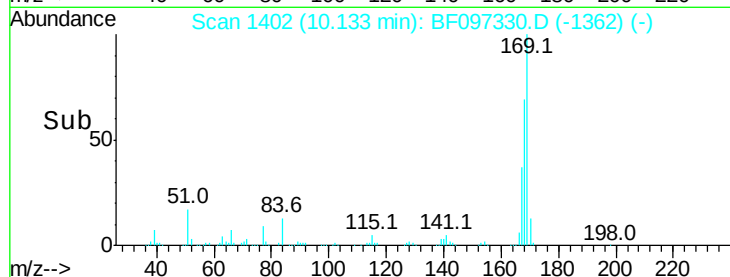
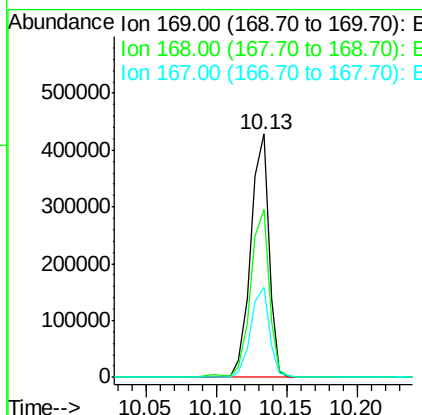
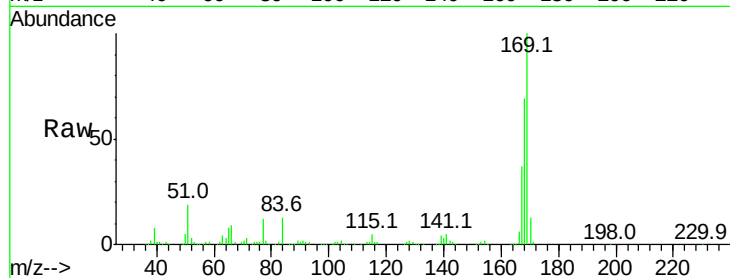
Time-->



#65
 n-Nitrosodiphenylamine
 Concen: 38.907 ng
 RT: 10.13 min Scan# 1402
 Delta R.T. -0.06 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

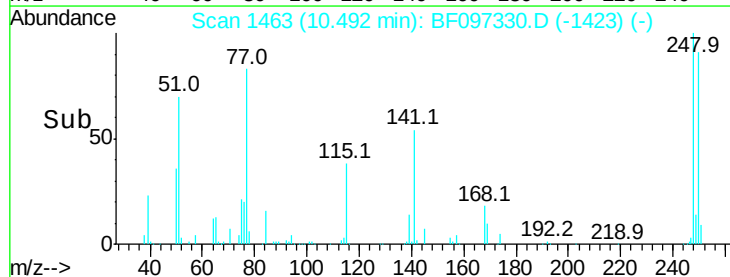
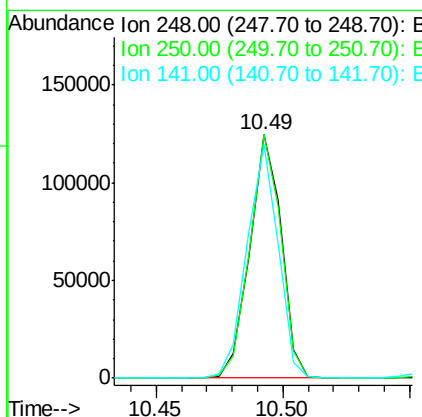
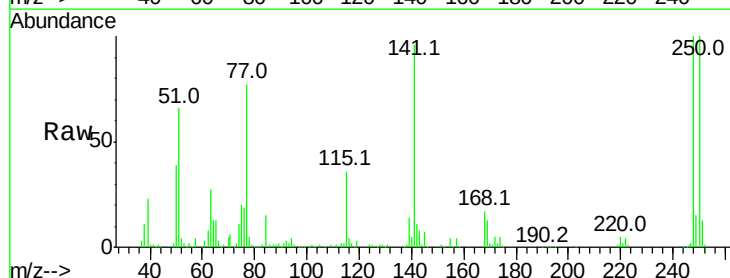
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMS

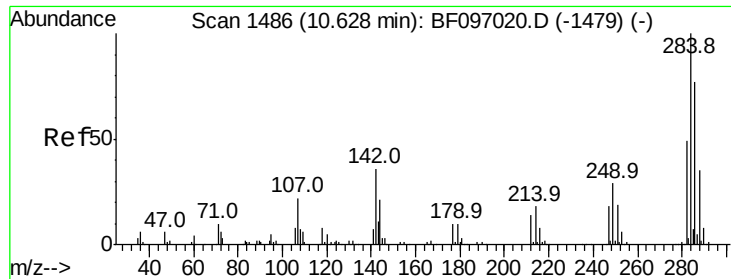
Tot Ion:169 Resp: 390313
 Ion Ratio Lower Upper
 169 100
 168 69.1 53.2 79.8
 167 37.2 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 37.536 ng
 RT: 10.49 min Scan# 1463
 Delta R.T. -0.06 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

Tgt Ion:248 Resp: 108006
 Ion Ratio Lower Upper
 248 100
 250 99.8 76.8 115.2
 141 96.0 68.6 103.0

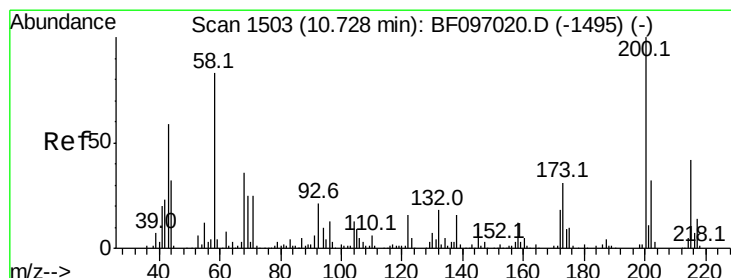
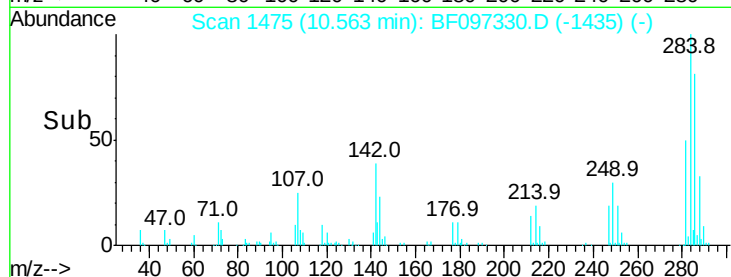
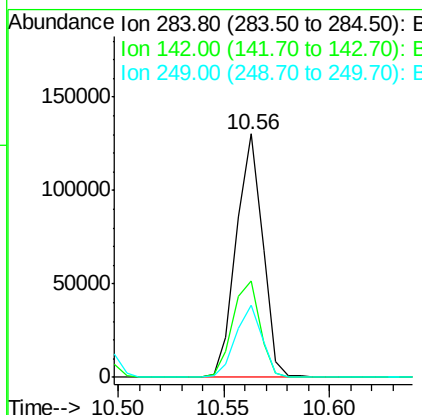
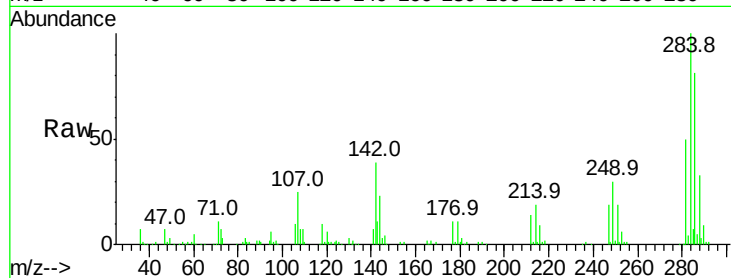




#67
Hexachlorobenzene
Concen: 34.778 ng
RT: 10.56 min Scan# 1475
Delta R.T. -0.06 min
Lab File: BF097330.D
Acq: 3 Aug 2017 21:31

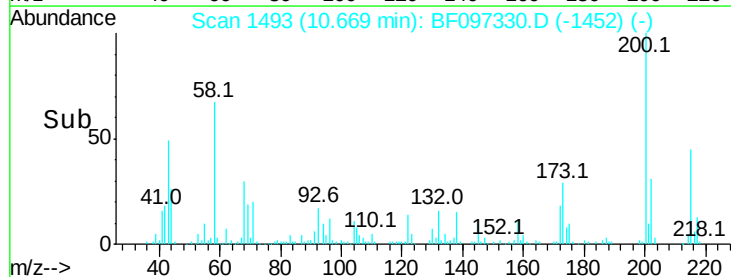
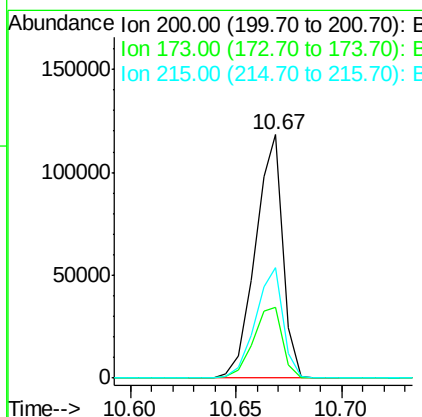
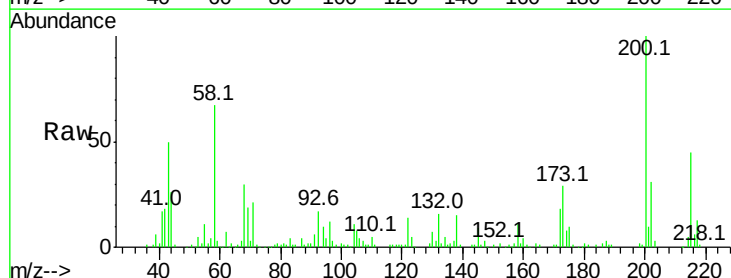
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMS

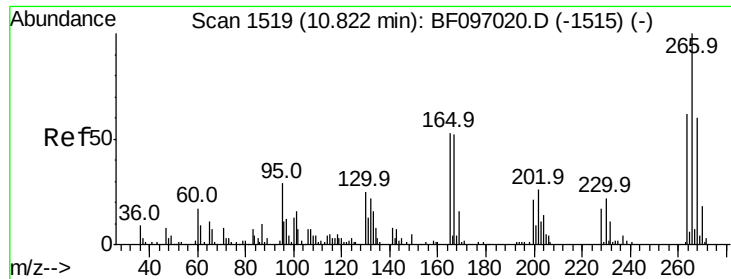
Tot Ion:284 Resp: 112217
Ion Ratio Lower Upper
284 100
142 39.5 22.8 34.2#
249 29.6 24.0 36.0



#68
Atrazine
Concen: 37.148 ng
RT: 10.67 min Scan# 1493
Delta R.T. -0.06 min
Lab File: BF097330.D
Acq: 3 Aug 2017 21:31

Tgt Ion:200 Resp: 106862
Ion Ratio Lower Upper
200 100
173 28.9 6.3 46.3
215 45.3 27.2 67.2

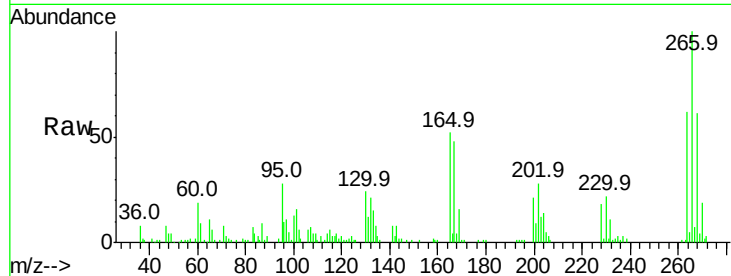




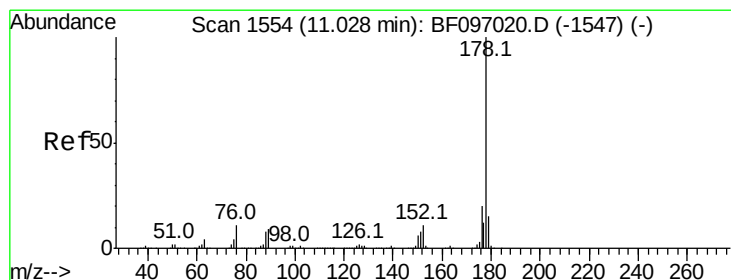
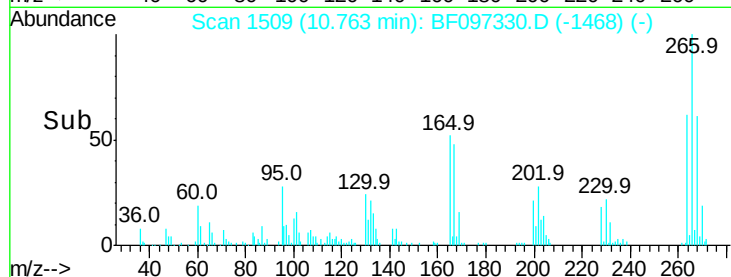
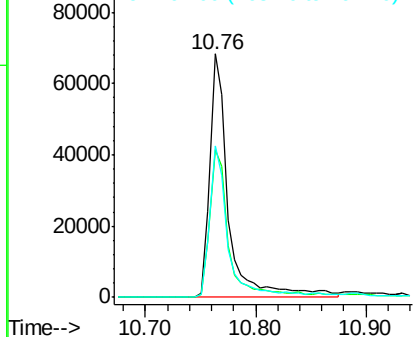
#69
 Pentachlorophenol
 Concen: 59.329 ng
 RT: 10.76 min Scan# 1509
 Delta R.T. -0.06 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMS

Tot Ion:266 Resp: 79208
 Ion Ratio Lower Upper
 266 100
 268 60.6 51.1 76.7
 264 62.1 51.7 77.5

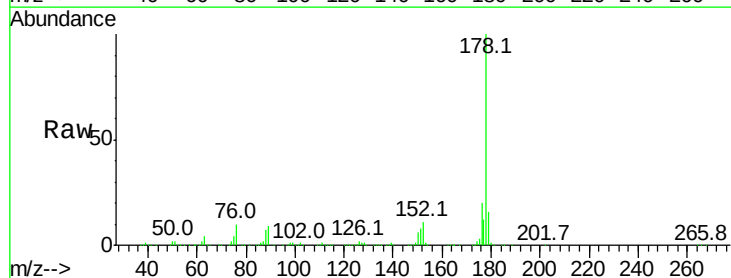


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

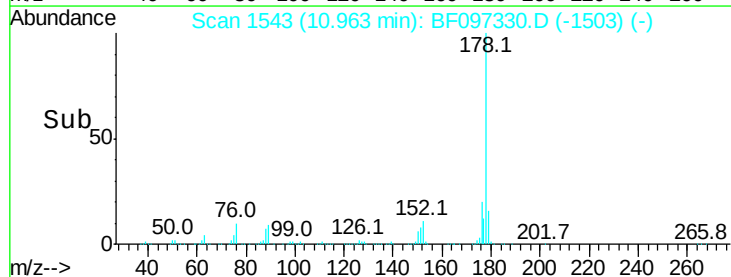
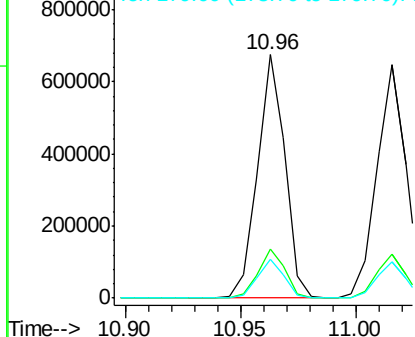


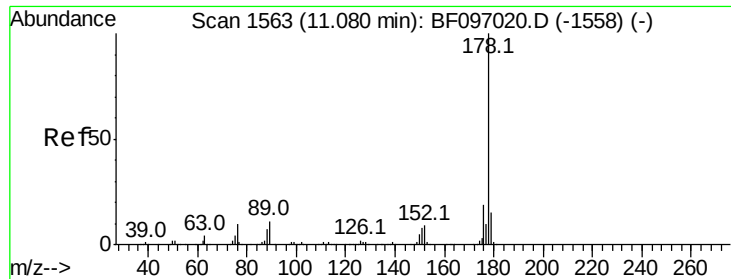
#70
 Phenanthrene
 Concen: 36.243 ng
 RT: 10.96 min Scan# 1543
 Delta R.T. -0.06 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

Tgt Ion:178 Resp: 559898
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 15.8 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

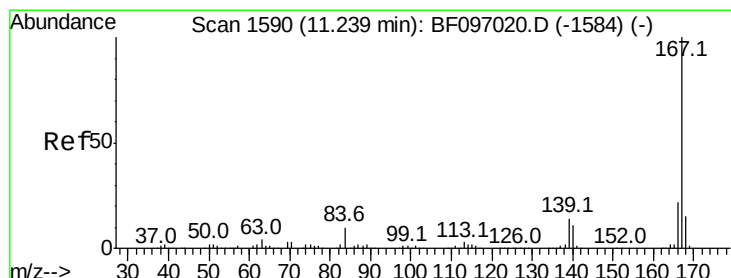
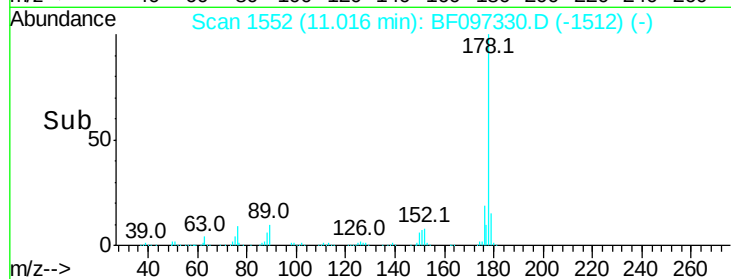
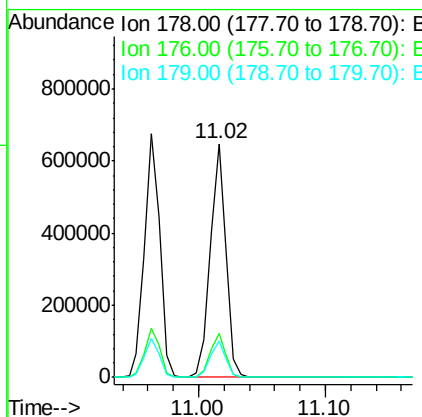
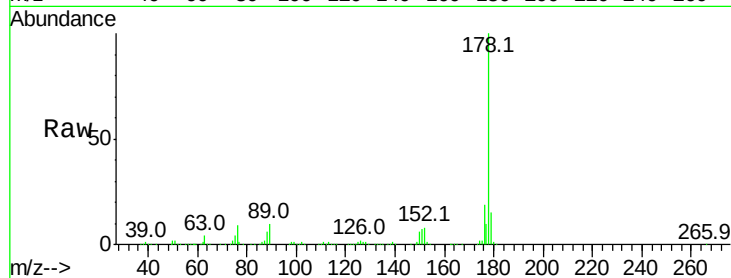




#71
 Anthracene
 Concen: 35.904 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. -0.06 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

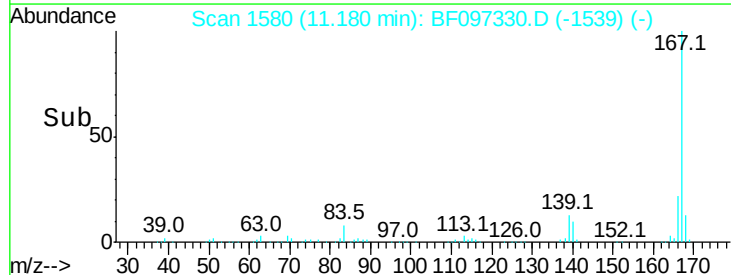
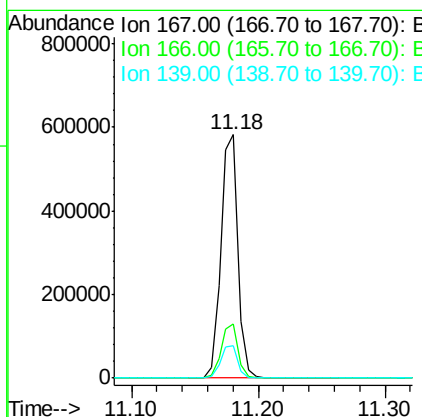
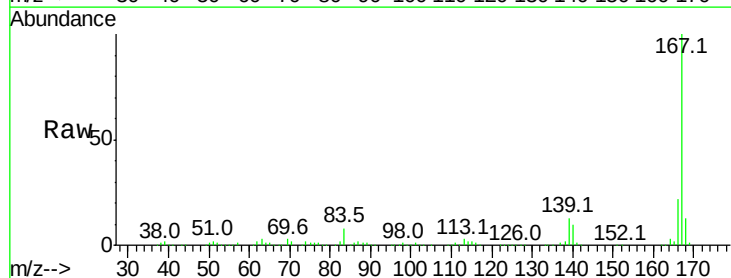
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMS

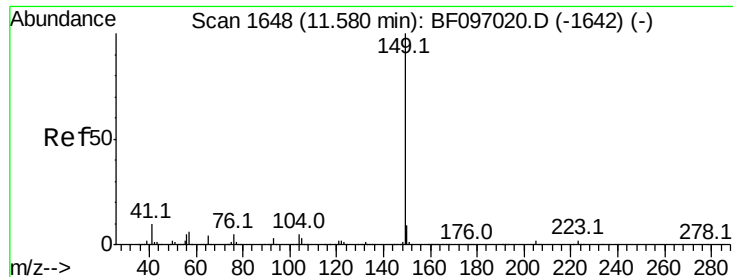
Tot Ion:178 Resp: 568100
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 35.091 ng
 RT: 11.18 min Scan# 1580
 Delta R.T. -0.06 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

Tgt Ion:167 Resp: 546060
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 38.997 ng

RT: 11.52 min Scan# 1638

Delta R.T. -0.06 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-BMS

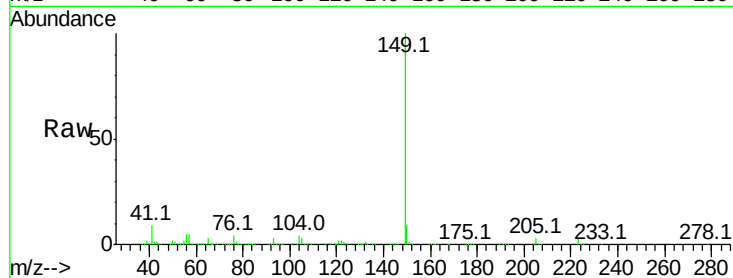
Tot Ion:149 Resp: 750123

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

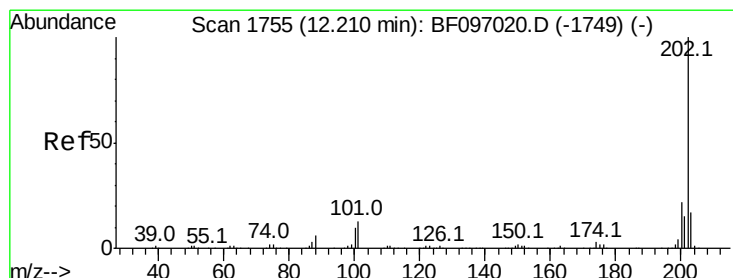
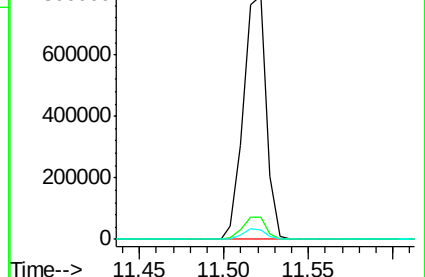
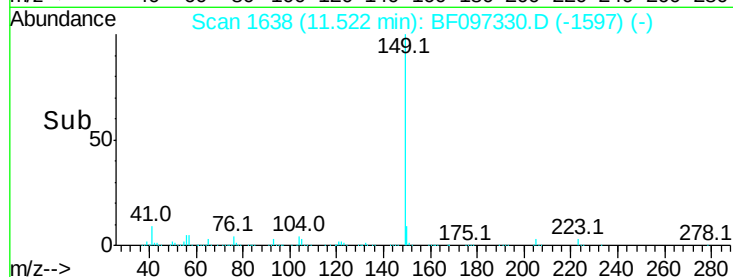
104 4.1 4.0 6.0



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: 34.923 ng

RT: 12.14 min Scan# 1743

Delta R.T. -0.07 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

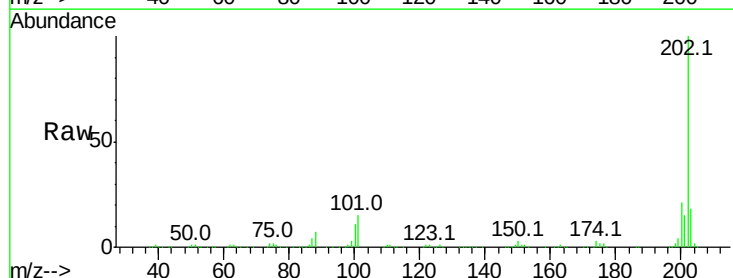
Tgt Ion:202 Resp: 528534

Ion Ratio Lower Upper

202 100

101 15.3 0.0 33.2

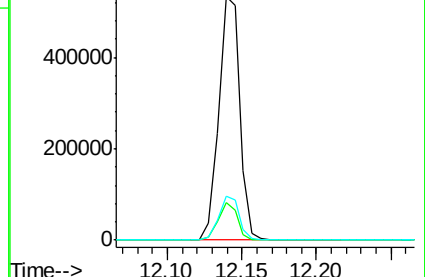
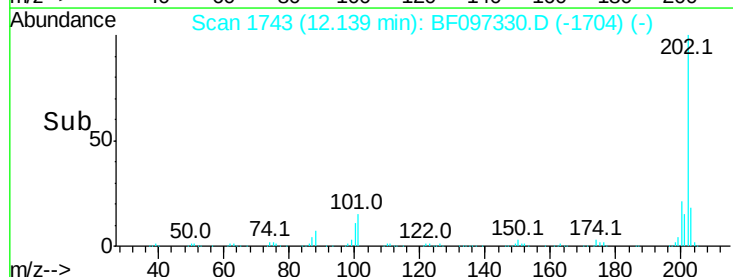
203 17.9 0.0 38.1

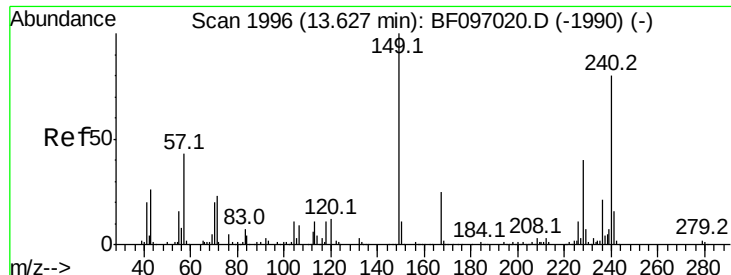


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.56 min Scan# 1985

Delta R.T. -0.06 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-BMS

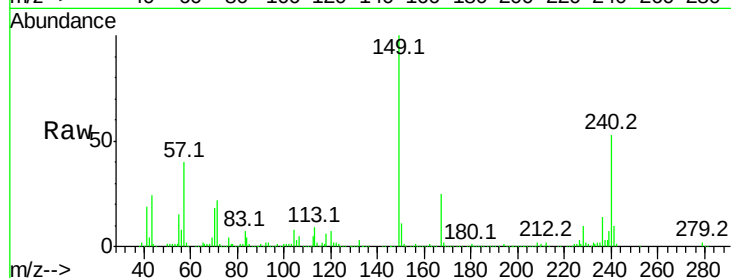
Tot Ion:240 Resp: 157703

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

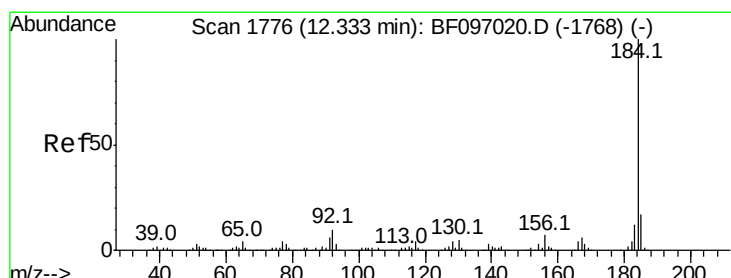
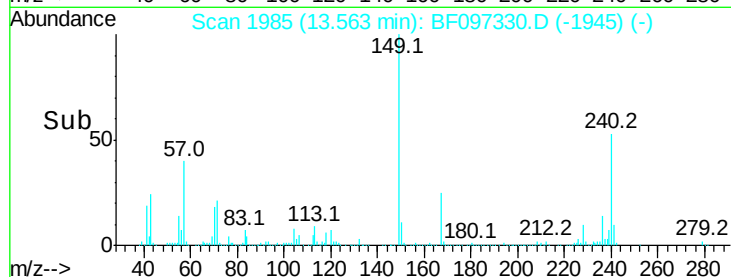
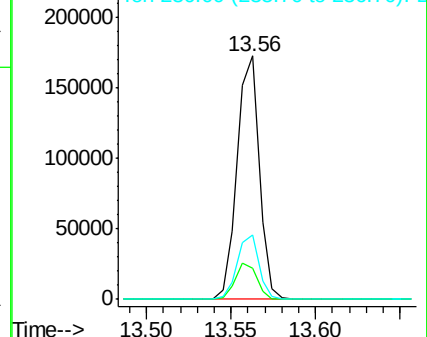
236 26.6 20.5 30.7



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: 39.286 ng

RT: 12.27 min Scan# 1766

Delta R.T. -0.06 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

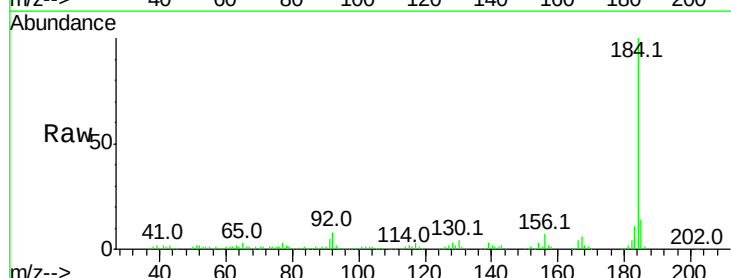
Tgt Ion:184 Resp: 229884

Ion Ratio Lower Upper

184 100

185 14.2 15.5 23.3#

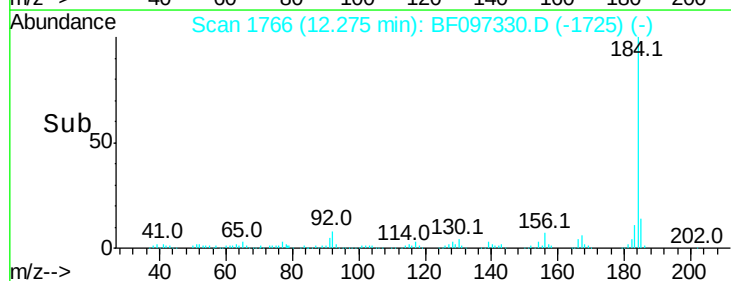
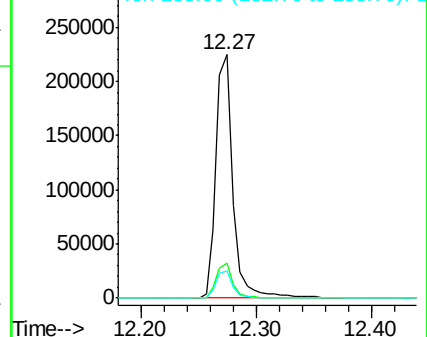
183 11.1 9.8 14.6

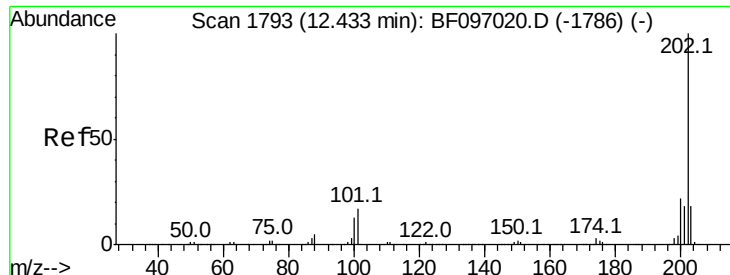


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

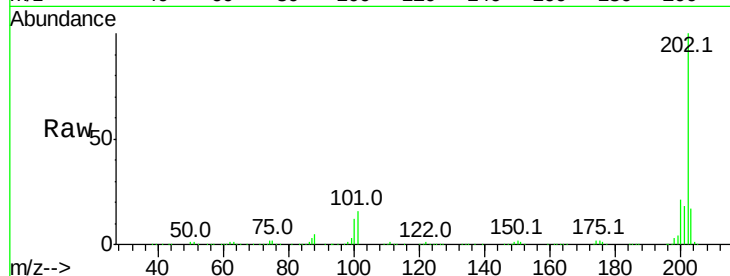




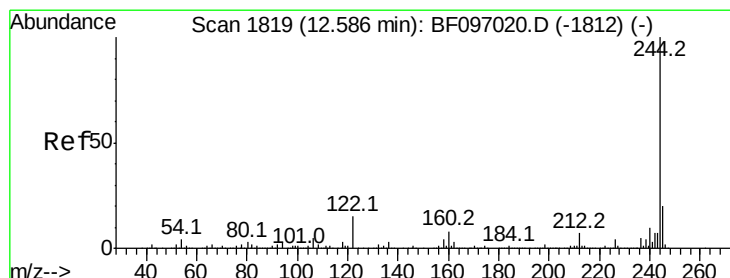
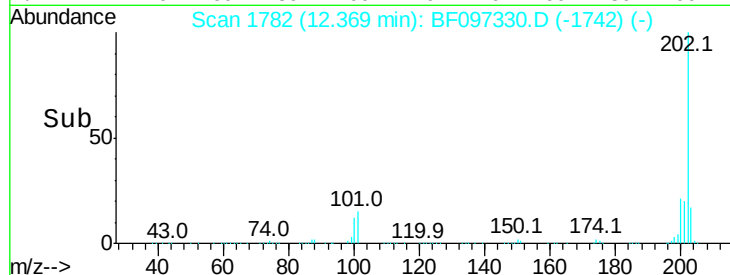
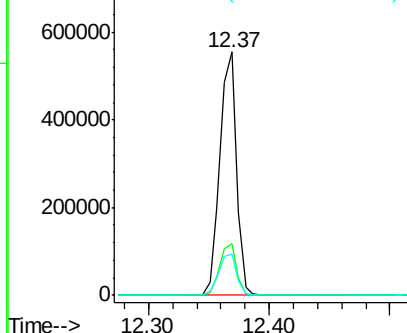
#77
Pvrene
Concen: 40.698 ng
RT: 12.37 min Scan# 1782
Delta R.T. -0.06 min
Lab File: BF097330.D
Acq: 3 Aug 2017 21:31

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMS

Tot Ion:202 Resp: 525442
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 17.1 14.4 21.6

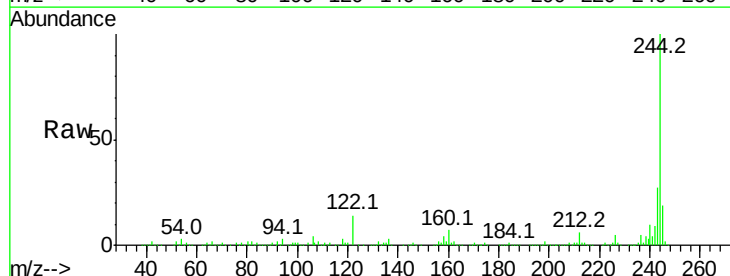


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

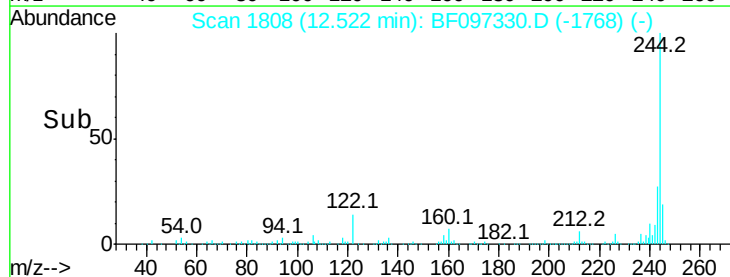
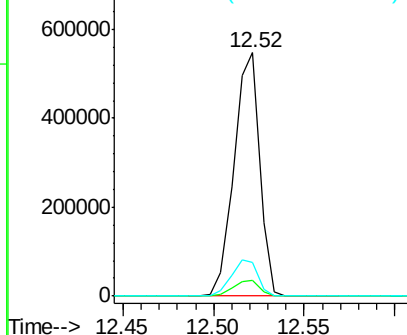


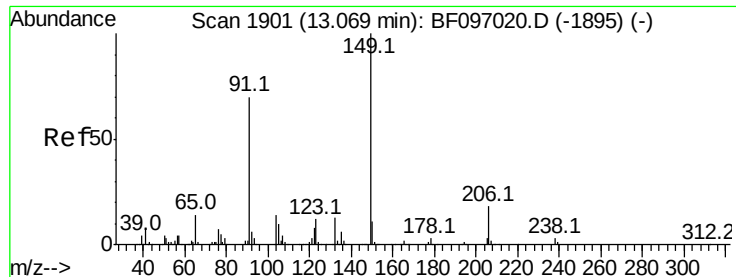
#78
Terphenyl-d14
Concen: 69.764 ng
RT: 12.52 min Scan# 1808
Delta R.T. -0.06 min
Lab File: BF097330.D
Acq: 3 Aug 2017 21:31

Tgt Ion:244 Resp: 539620
Ion Ratio Lower Upper
244 100
212 6.4 6.0 9.0
122 13.8 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

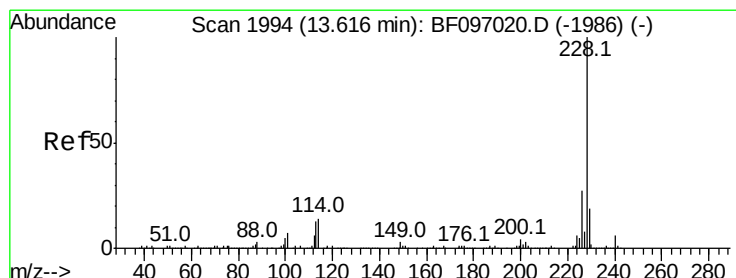
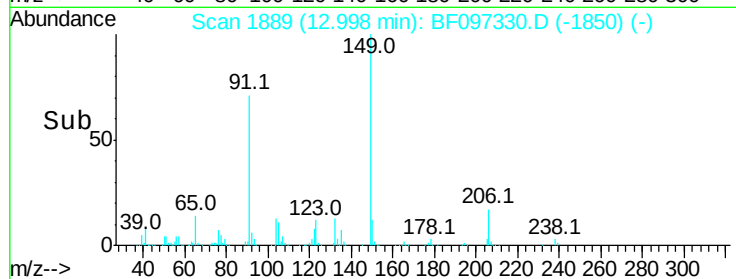
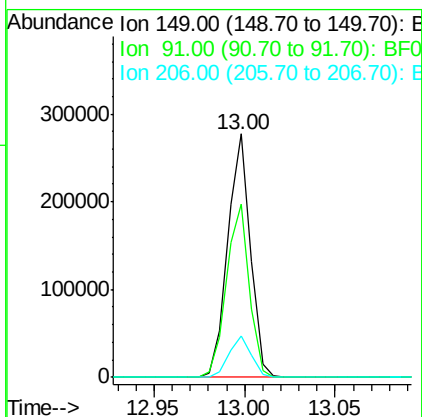
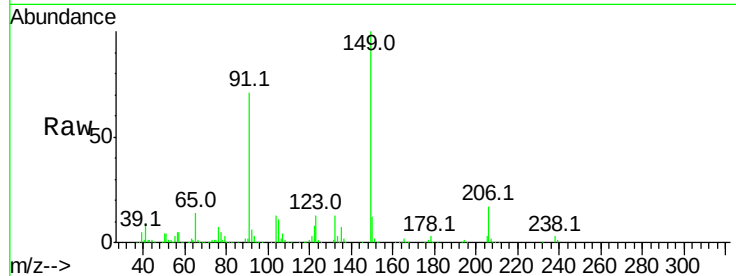




#79
Butylbenzylphthalate
Concen: 36.657 ng
RT: 13.00 min Scan# 1889
Delta R.T. -0.07 min
Lab File: BF097330.D
Acq: 3 Aug 2017 21:31

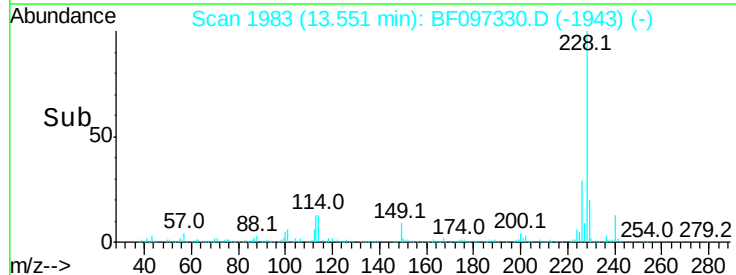
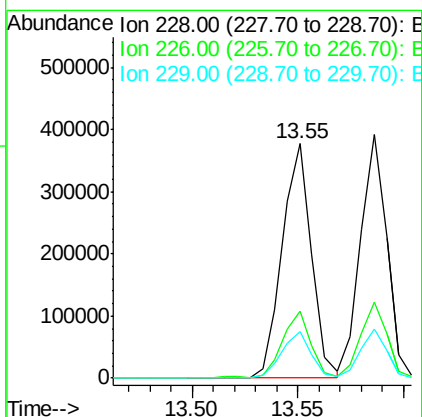
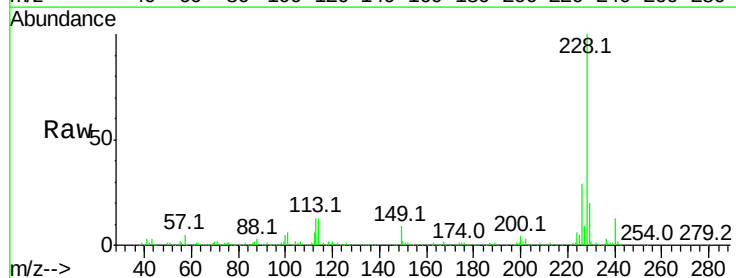
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMS

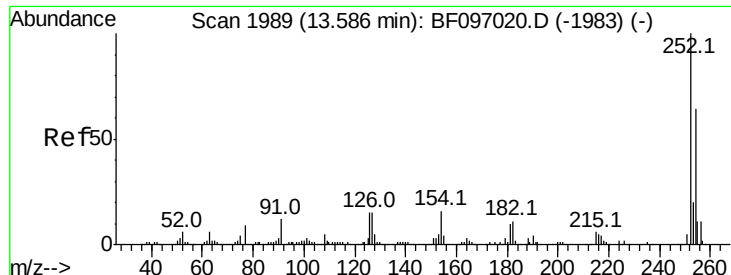
Tot Ion:149 Resp: 240738
Ion Ratio Lower Upper
149 100
91 71.3 45.0 67.4#
206 17.1 17.0 25.6



#80
Benzo(a)anthracene
Concen: 35.676 ng
RT: 13.55 min Scan# 1983
Delta R.T. -0.06 min
Lab File: BF097330.D
Acq: 3 Aug 2017 21:31

Tgt Ion:228 Resp: 364036
Ion Ratio Lower Upper
228 100
226 28.6 22.6 33.8
229 19.7 16.3 24.5

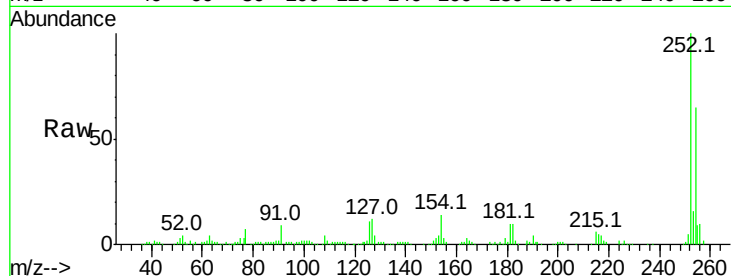




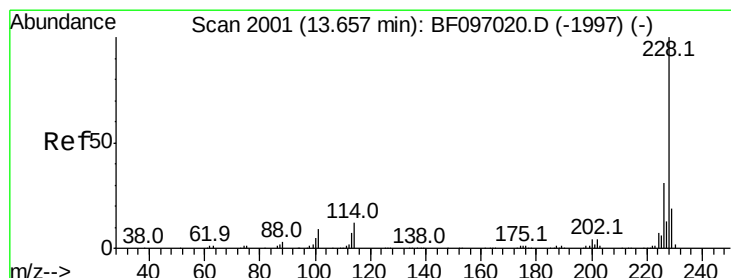
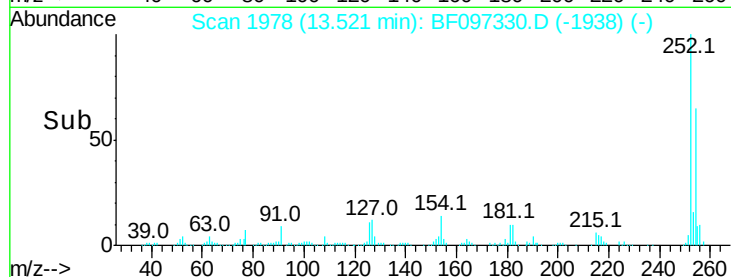
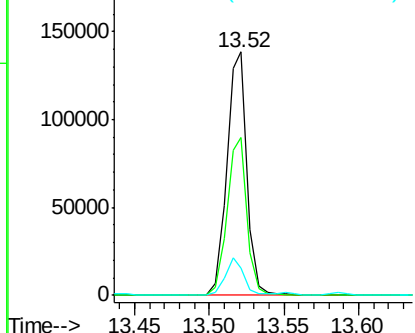
#81
 3,3'-Dichlorobenzidine
 Concen: 34.255 ng
 RT: 13.52 min Scan# 1978
 Delta R.T. -0.06 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.5	77.3
126	11.4	15.8	23.8#

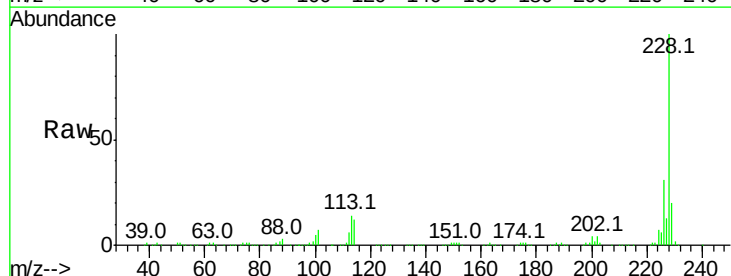


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

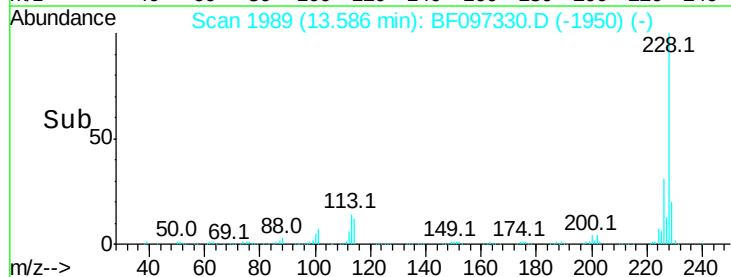
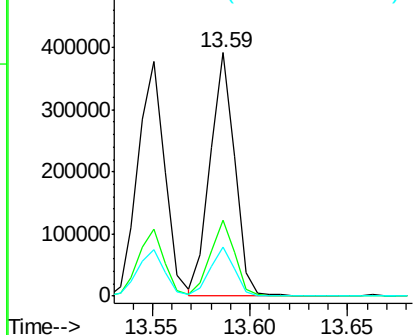


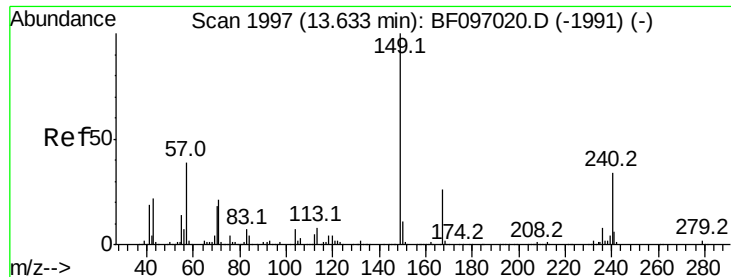
#82
 Chrysene
 Concen: 34.405 ng
 RT: 13.59 min Scan# 1989
 Delta R.T. -0.07 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.1	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: 35.020 ng

RT: 13.56 min Scan# 1985

Delta R.T. -0.07 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-BMS

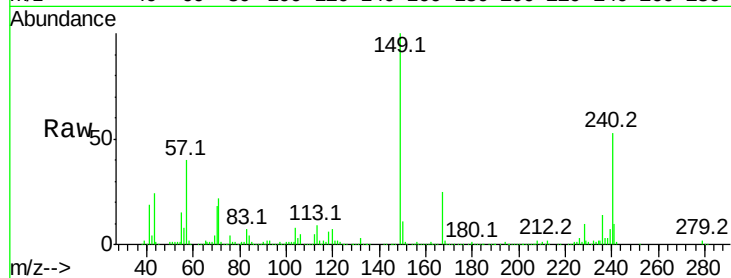
Tot Ion:149 Resp: 300285

Ion Ratio Lower Upper

149 100

167 25.4 21.0 31.4

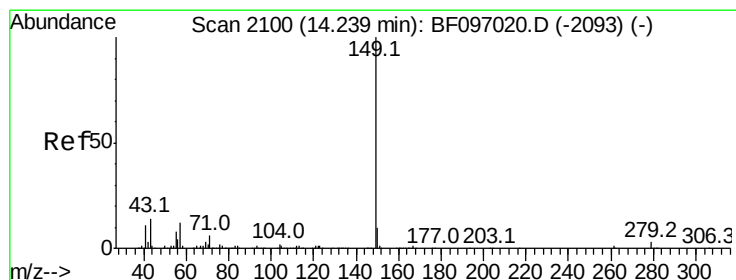
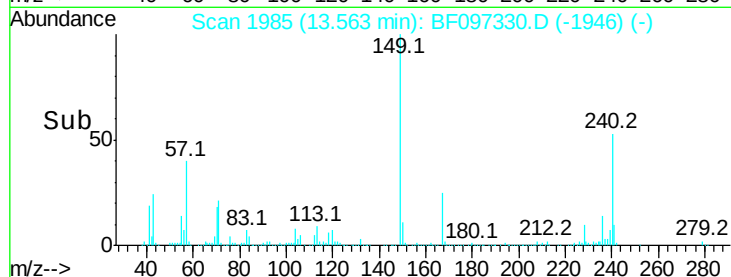
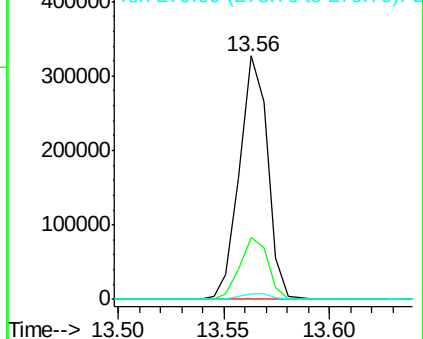
279 2.2 1.9 2.9



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: 35.925 ng

RT: 14.17 min Scan# 2088

Delta R.T. -0.07 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

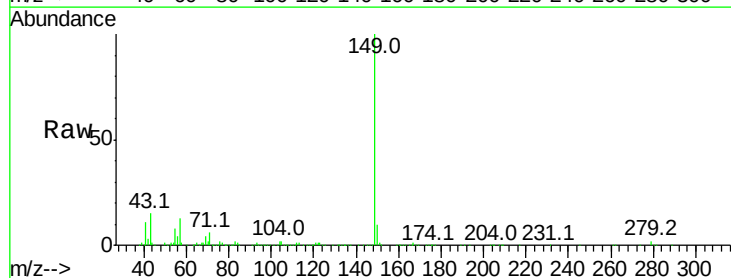
Tgt Ion:149 Resp: 565301

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

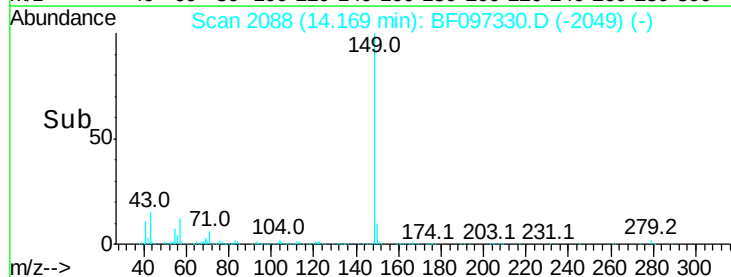
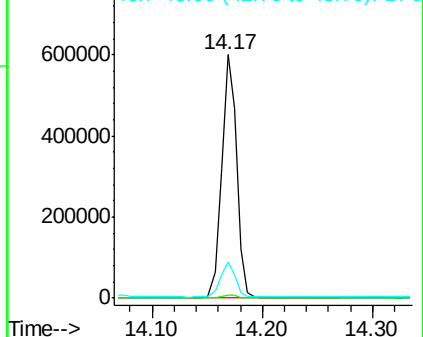
43 14.5 8.5 12.7#

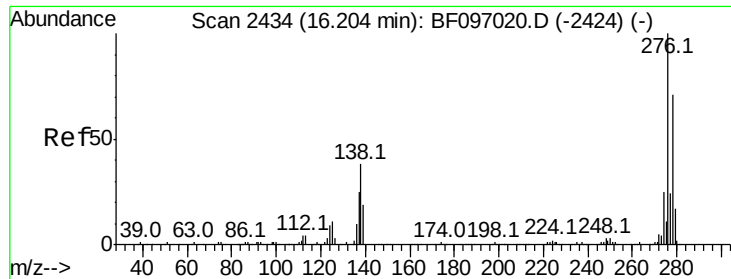


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

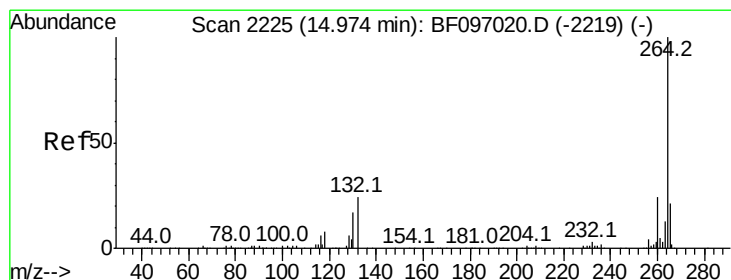
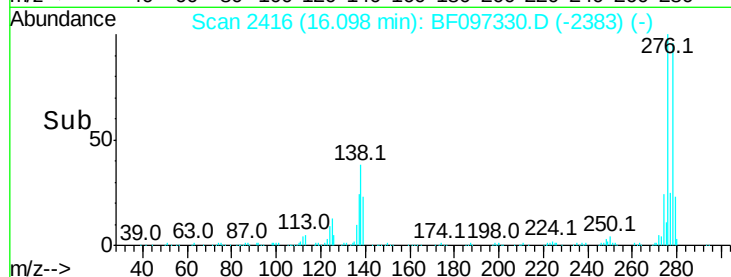
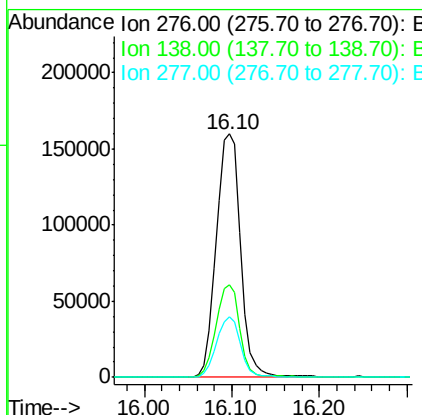
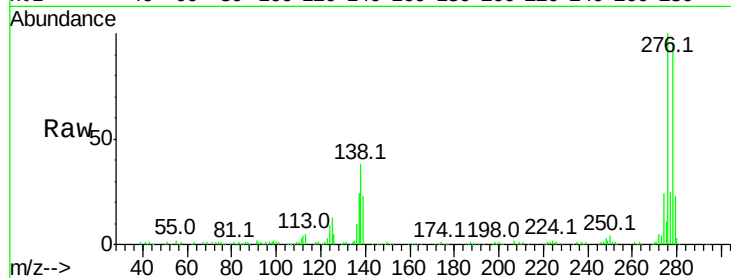




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.422 ng
 RT: 16.10 min Scan# 2416
 Delta R.T. -0.11 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

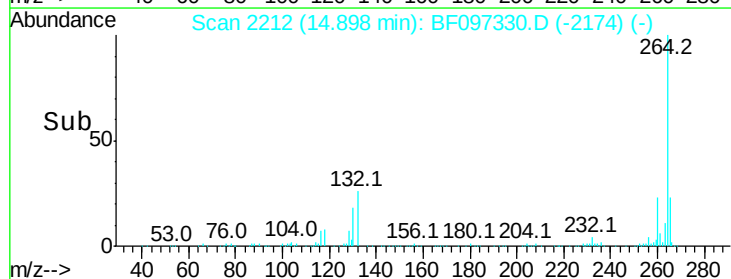
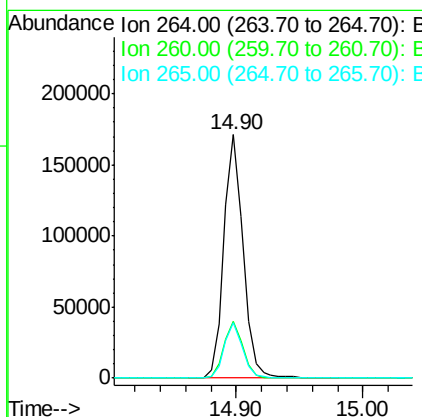
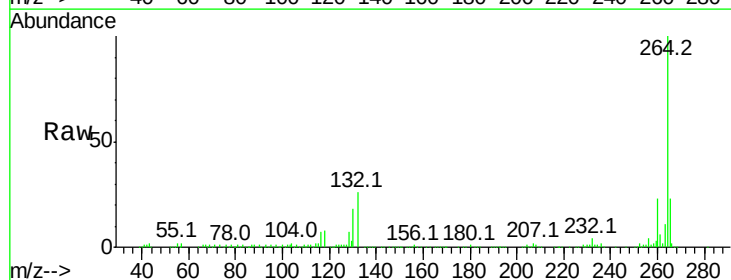
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-008-BMS

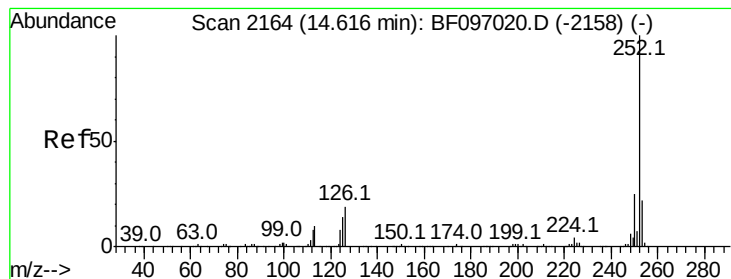
Tot Ion:276 Resp: 311180
 Ion Ratio Lower Upper
 276 100
 138 36.9 27.8 41.6
 277 24.9 20.2 30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.90 min Scan# 2212
 Delta R.T. -0.08 min
 Lab File: BF097330.D
 Acq: 3 Aug 2017 21:31

Tgt Ion:264 Resp: 180506
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 22.6 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 38.274 ng

RT: 14.55 min Scan# 2153

Delta R.T. -0.06 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-BMS

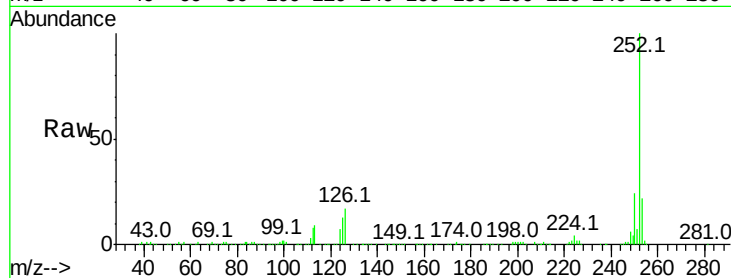
Tot Ion:252 Resp: 415302

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

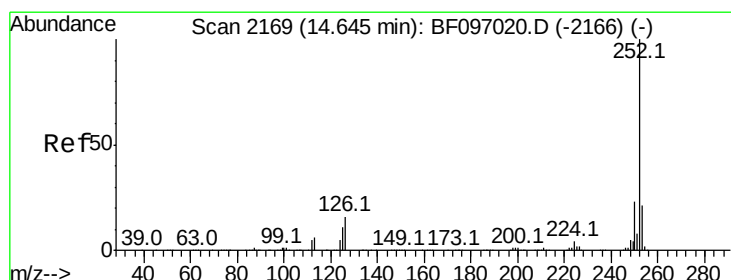
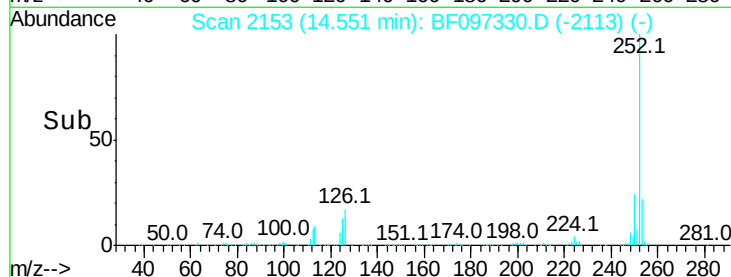
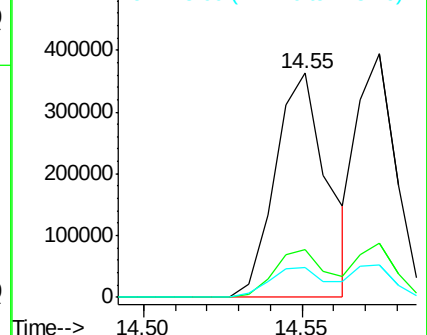
125 13.1 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 31.977 ng

RT: 14.57 min Scan# 2157

Delta R.T. -0.07 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

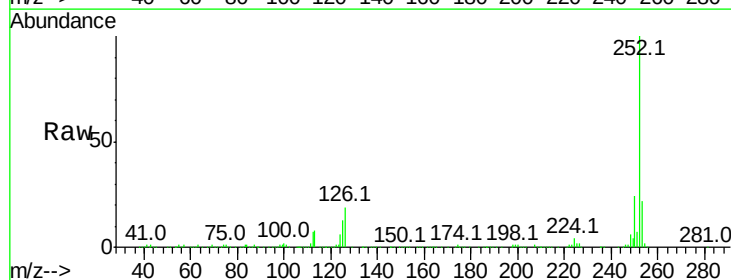
Tgt Ion:252 Resp: 330633

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

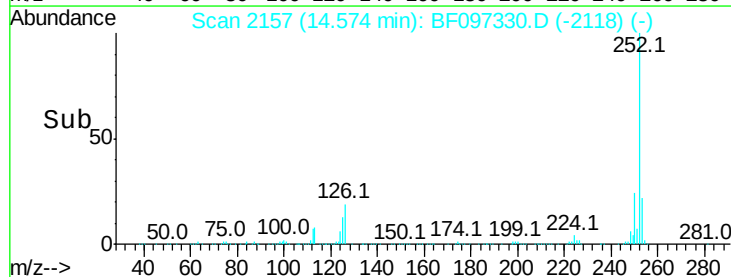
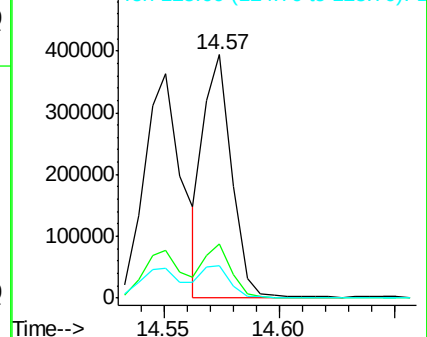
125 13.3 13.1 19.7

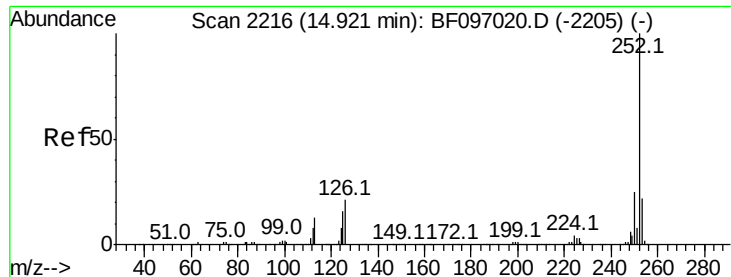


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

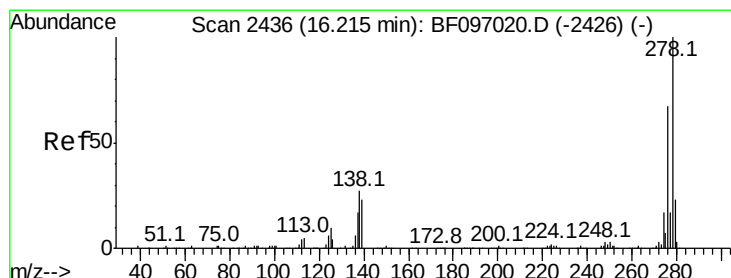
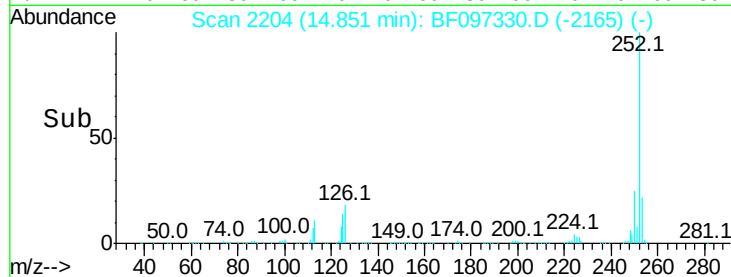
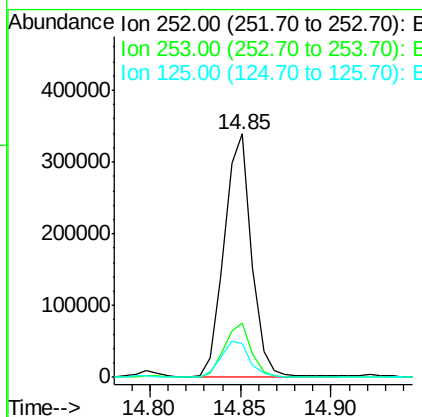
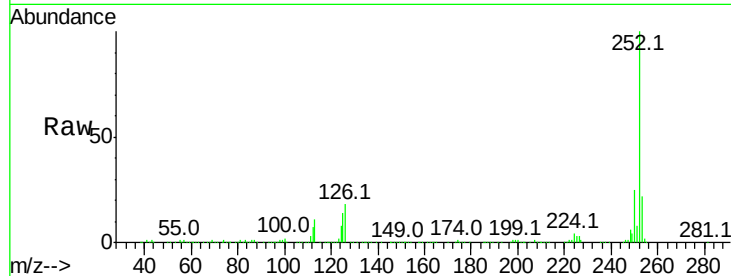




#89
Benzo(a)pyrene
Concen: 35.917 ng
RT: 14.85 min Scan# 2204
Delta R.T. -0.07 min
Lab File: BF097330.D
Acq: 3 Aug 2017 21:31

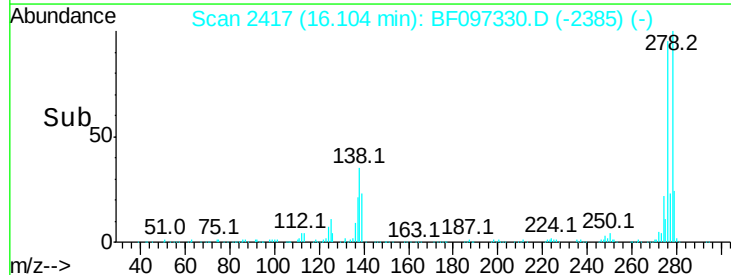
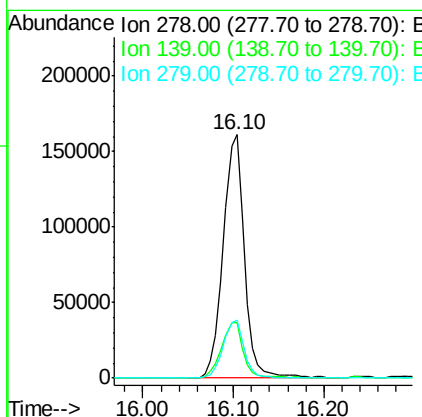
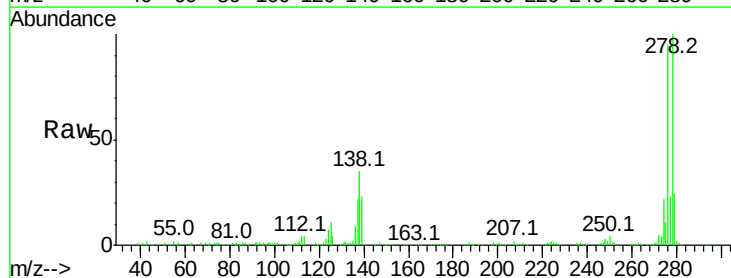
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-008-BMS

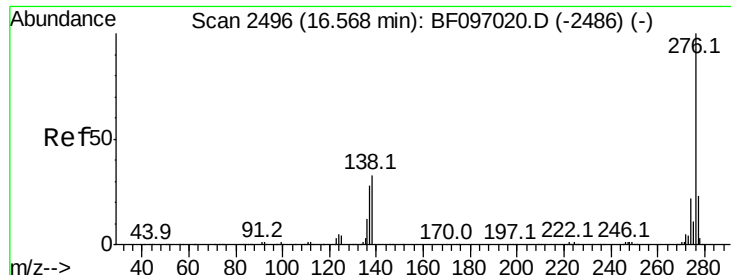
Tot Ion:252 Resp: 356683
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 13.8 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 32.193 ng
RT: 16.10 min Scan# 2417
Delta R.T. -0.11 min
Lab File: BF097330.D
Acq: 3 Aug 2017 21:31

Tgt Ion:278 Resp: 262172
Ion Ratio Lower Upper
278 100
139 23.0 16.6 24.8
279 23.6 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 28.471 ng

RT: 16.45 min Scan# 2476

Delta R.T. -0.12 min

Lab File: BF097330.D

Acq: 3 Aug 2017 21:31

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-008-BMS

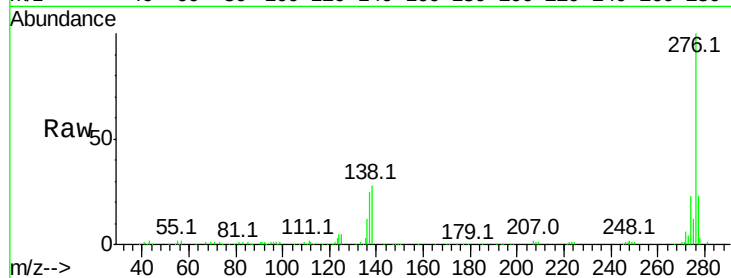
Tot Ion: 276 Resp: 243141

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 28.4 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

