

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097082.D
 Acq On : 26 Jul 2017 18:31
 Operator : SJ/JU
 Sample : PB100971BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 08:17:51 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	6.50	152	107812	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	491125	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	209505	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	389367	20.00	ng	0.00
75) Chrysene-d12	13.63	240	216709	20.00	ng	0.00
86) Perylene-d12	14.98	264	217364	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.11	112	835552	116.83	ng	0.01
7) Phenol-d6	6.17	99	958608	117.41	ng	0.00
23) Nitrobenzene-d5	7.07	82	620617	74.13	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	211921	128.03	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1080212	87.50	ng	0.00
78) Terphenyl-d14	12.59	244	904028	85.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	109240	36.603	ng	# 77
3) Pyridine	2.71	79	349366	38.229	ng	# 64
4) n-Nitrosodimethylamine	2.66	42	210888	41.654	ng	# 85
6) Aniline	6.16	93	257295	25.043	ng	# 70
8) 2-Chlorophenol	6.29	128	297084	38.848	ng	99
9) Benzaldehyde	6.04	77	92257	19.090	ng	99
10) Phenol	6.18	94	357632	36.929	ng	97
11) bis(2-Chloroethyl)ether	6.25	93	287216	37.498	ng	94
12) 1,3-Dichlorobenzene	6.43	146	321719	39.038	ng	98
13) 1,4-Dichlorobenzene	6.52	146	321115	39.318	ng	96
14) 1,2-Dichlorobenzene	6.67	146	289119	40.544	ng	97
15) Benzyl Alcohol	6.66	79	233905	45.250	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.79	45	581179	37.830	ng	50
17) 2-Methylphenol	6.79	107	240558	40.758	ng	# 89
18) Hexachloroethane	7.00	117	119100	39.861	ng	# 82
19) n-Nitroso-di-n-propylamine	6.93	70	205870	38.307	ng	# 83
20) 3+4-Methylphenols	6.94	107	320725	41.607	ng	# 63
22) Acetophenone	6.92	105	406505	34.467	ng	97
24) Nitrobenzene	7.09	77	311006	35.670	ng	93
25) Isophorone	7.33	82	650017	39.647	ng	97
26) 2-Nitrophenol	7.40	139	193207	40.958	ng	# 89
27) 2,4-Dimethylphenol	7.46	122	319094	41.007	ng	96
28) bis(2-Chloroethoxy)methane	7.55	93	436676	40.814	ng	98
29) 2,4-Dichlorophenol	7.66	162	283713	42.323	ng	96
30) 1,2,4-Trichlorobenzene	7.73	180	255933	40.054	ng	96
31) Naphthalene	7.80	128	938390	40.533	ng	100
32) Benzoic acid	7.63	122	222983	38.376	ng	94
33) 4-Chloroaniline	7.86	127	189741	20.142	ng	96
34) Hexachlorobutadiene	7.93	225	124721	36.819	ng	99
35) Caprolactam	8.25	113	55285	25.720	ng	# 57
36) 4-Chloro-3-methylphenol	8.37	107	281285	38.462	ng	86
37) 2-Methylnaphthalene	8.49	142	593285	40.475	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	207535	37.125	ng	99
40) Hexachlorocyclopentadiene	8.65	237	165026	84.057	ng	99

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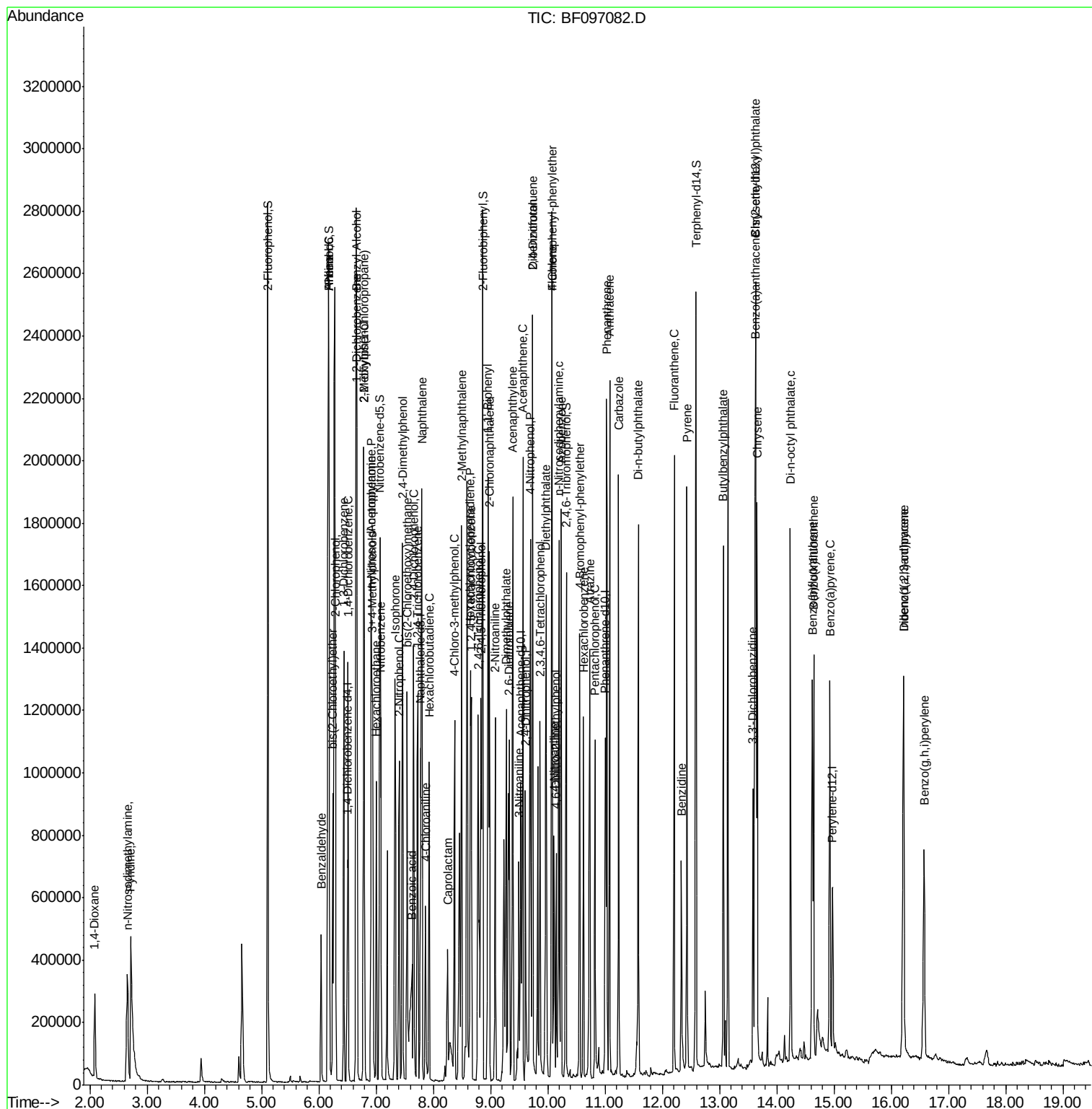
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	162788	40.184	ng	99
43) 2,4,5-Trichlorophenol	8.83	196	170121	41.956	ng	96
45) 1,1'-Biphenyl	8.96	154	671857	37.545	ng	98
46) 2-Chloronaphthalene	8.98	162	523171	39.729	ng	93
47) 2-Nitroaniline	9.09	65	206573	43.225	ng	94
48) Acenaphthylene	9.39	152	821492	40.643	ng	99
49) Dimethylphthalate	9.27	163	658195	41.371	ng	99
50) 2,6-Dinitrotoluene	9.33	165	143905	42.648	ng #	76
51) Acenaphthene	9.56	154	482052	40.489	ng	98
52) 3-Nitroaniline	9.50	138	115965	27.688	ng #	89
53) 2,4-Dinitrophenol	9.62	184	127271	82.955	ng #	73
54) Dibenzofuran	9.73	168	715915	45.144	ng	97
55) 4-Nitrophenol	9.69	139	216308	86.845	ng #	58
56) 2,4-Dinitrotoluene	9.74	165	175082	45.136	ng #	71
57) Fluorene	10.07	166	535391	44.919	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.86	232	133958	47.848	ng	96
59) Diethylphthalate	9.97	149	654458	44.839	ng	99
60) 4-Chlorophenyl-phenylether	10.07	204	222192	45.144	ng	99
61) 4-Nitroaniline	10.12	138	167356	42.053	ng	94
62) Azobenzene	10.23	77	670046	49.485	ng	92
64) 4,6-Dinitro-2-methylphenol	10.15	198	91464	37.803	ng #	76
65) n-Nitrosodiphenylamine	10.20	169	503812	37.188	ng	97
66) 4-Bromophenyl-phenylether	10.56	248	154788	39.835	ng	98
67) Hexachlorobenzene	10.62	284	158553	36.386	ng #	86
68) Atrazine	10.73	200	153316	39.465	ng	94
69) Pentachlorophenol	10.83	266	129515	71.836	ng	97
70) Phenanthrene	11.03	178	878645	42.116	ng	100
71) Anthracene	11.08	178	896530	41.957	ng	99
72) Carbazole	11.24	167	843266	40.128	ng	99
73) Di-n-butylphthalate	11.59	149	989885	38.107	ng	98
74) Fluoranthene	12.21	202	801273	39.205	ng	99
76) Benzidine	12.33	184	255108	31.726	ng #	91
77) Pyrene	12.43	202	785436	44.272	ng	99
79) Butylbenzylphthalate	13.07	149	398304	44.136	ng #	82
80) Benzo(a)anthracene	13.62	228	609888	43.495	ng	99
81) 3,3'-Dichlorobenzidine	13.59	252	164981	31.201	ng #	96
82) Chrysene	13.66	228	590331	43.115	ng	100
83) Bis(2-ethylhexyl)phthalate	13.63	149	506190	42.960	ng	100
84) Di-n-octyl phthalate	14.24	149	885157	40.936	ng #	94
85) Indeno(1,2,3-cd)pyrene	16.22	276	554535	47.232	ng	98
87) Benzo(b)fluoranthene	14.62	252	550380	42.122	ng	98
88) Benzo(k)fluoranthene	14.64	252	439628	35.309	ng	97
89) Benzo(a)pyrene	14.93	252	504899	42.221	ng	97
90) Dibenzo(a,h)anthracene	16.22	278	450070	45.895	ng	95
91) Benzo(g,h,i)perylene	16.57	276	484947	47.156	ng	97

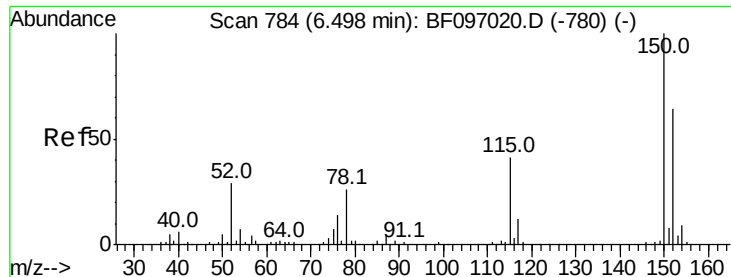
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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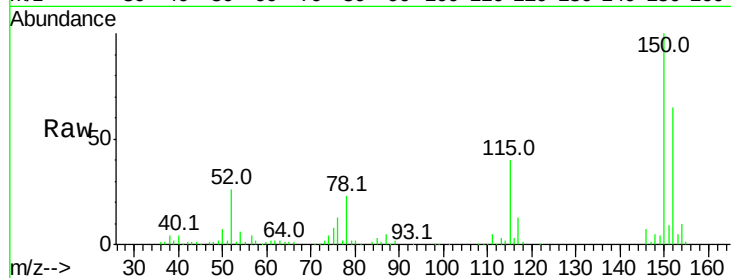


#1

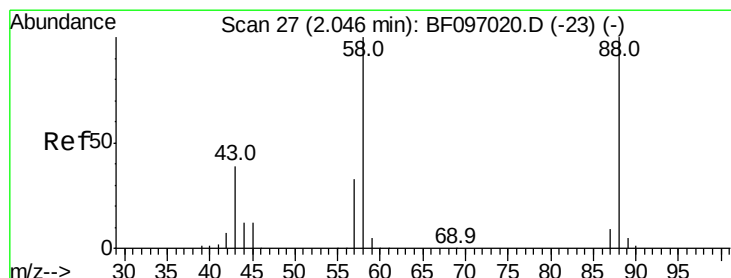
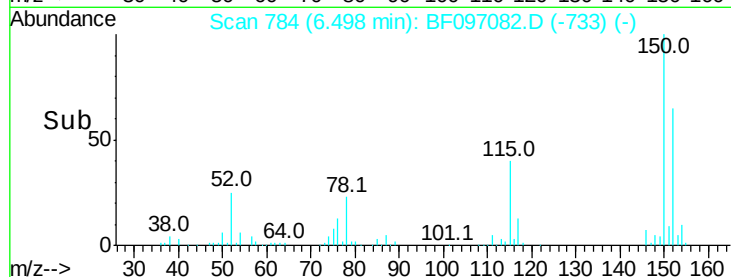
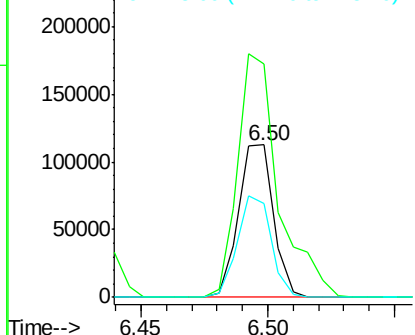
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 107812
Ion Ratio Lower Upper
152 100
150 153.4 126.2 189.2
115 61.8 52.2 78.2



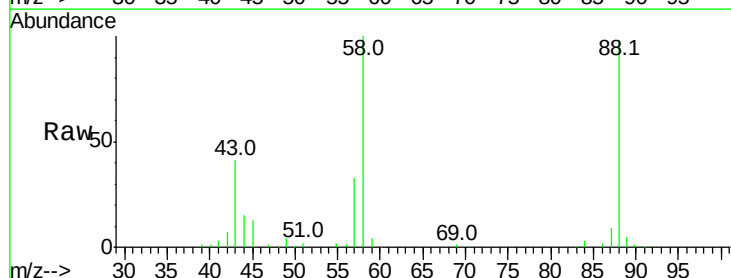
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



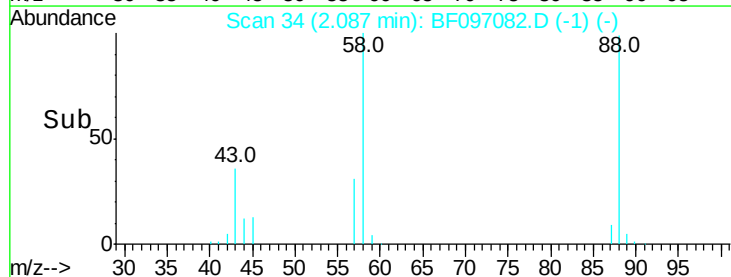
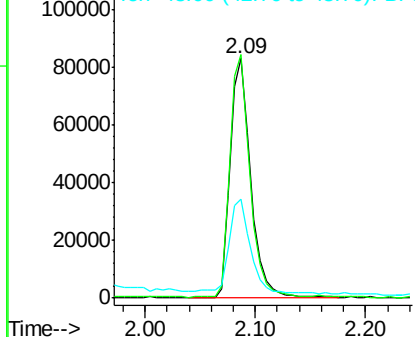
#2

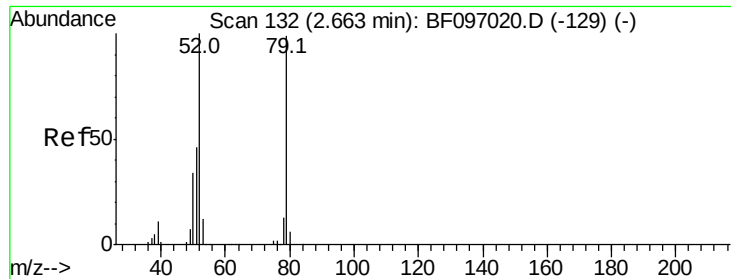
1,4-Dioxane
Concen: 36.603 ng
RT: 2.09 min Scan# 34
Delta R.T. 0.04 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion: 88 Resp: 109240
Ion Ratio Lower Upper
88 100
58 97.6 61.4 92.0#
43 40.1 23.4 35.0#



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





#3

Pvridine

Concen: 38.229 ng

RT: 2.71 min Scan# 140

Delta R.T. 0.05 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

ClientSampleId :

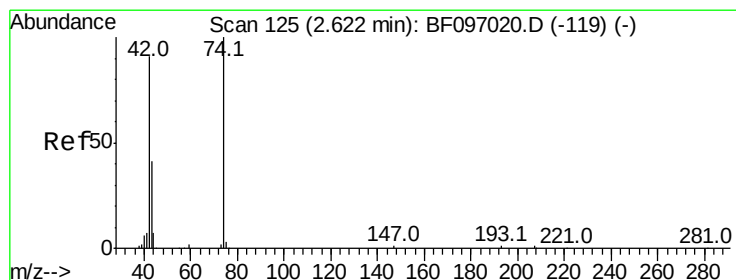
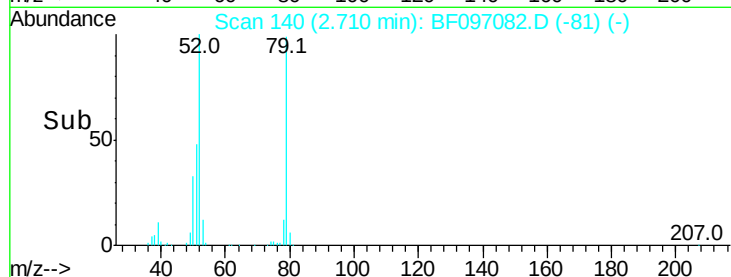
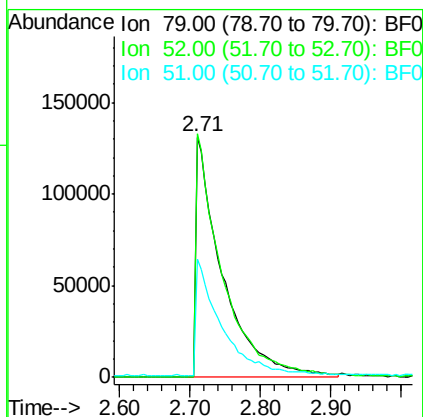
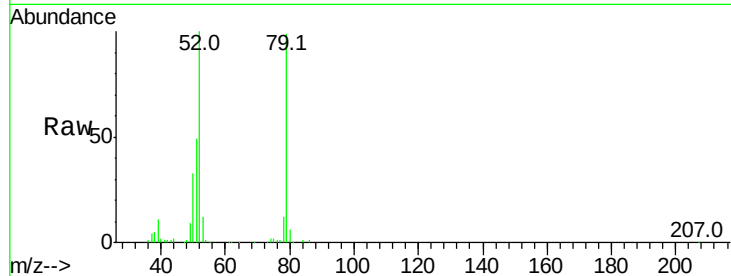
Tot Ion: 79 Resp: 349366

Ion Ratio Lower Upper

79 100

52 101.5 54.8 82.2#

51 49.5 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 41.654 ng

RT: 2.66 min Scan# 131

Delta R.T. 0.04 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

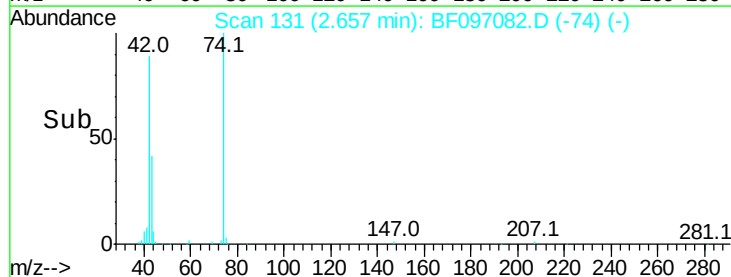
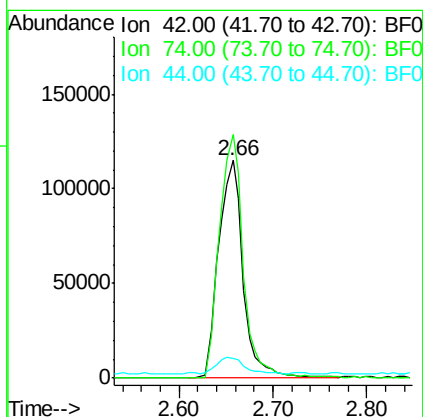
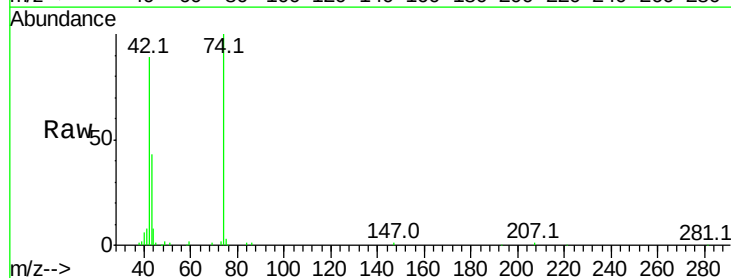
Tgt Ion: 42 Resp: 210888

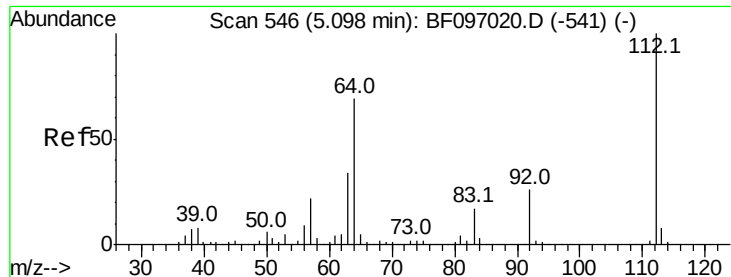
Ion Ratio Lower Upper

42 100

74 111.9 103.9 155.9

44 9.0 5.7 8.5#





#5

2-Fluorophenol

Concen: 116.832 ng

RT: 5.11 min Scan# 548

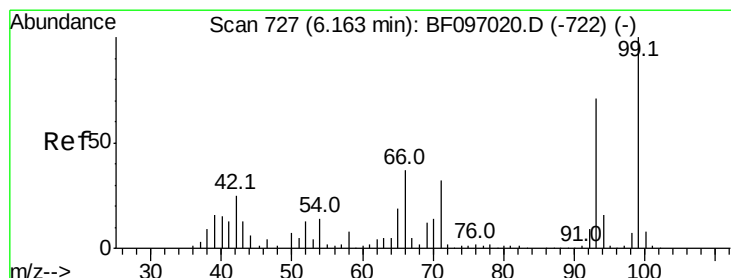
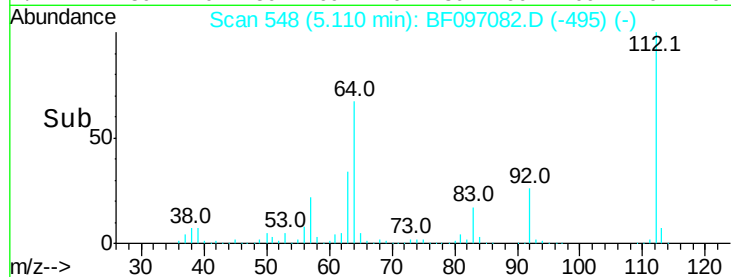
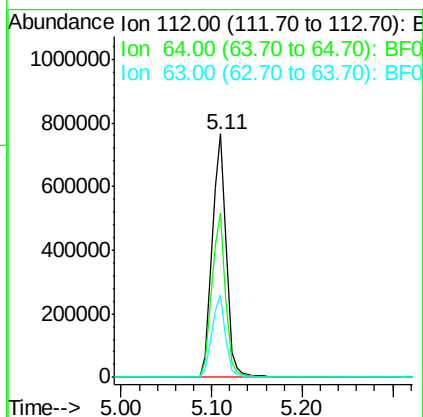
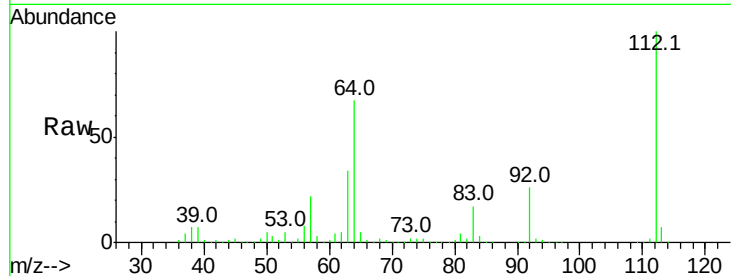
Delta R.T. 0.01 min

Lab File: BF097082.D

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Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	835552
Ion Ratio	Lower	Upper	
112	100		
64	67.3	46.0	69.0
63	34.0	23.4	35.0



#6

Aniline

Concen: 25.043 ng

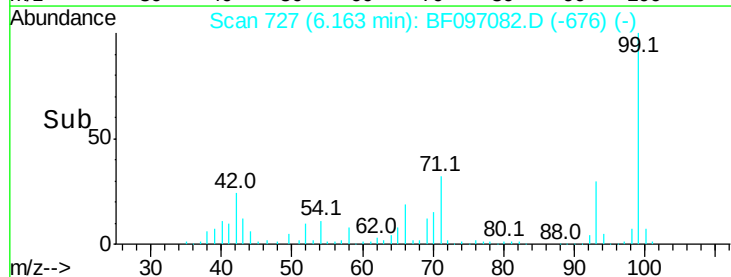
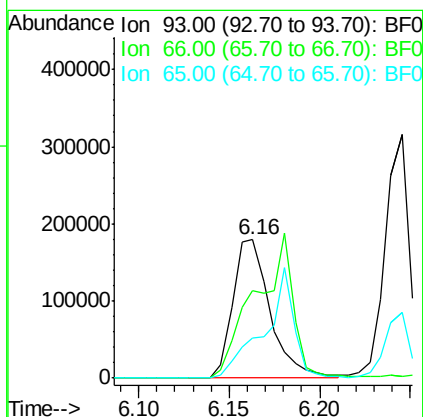
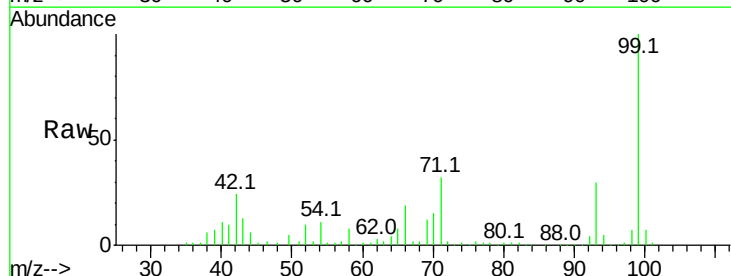
RT: 6.16 min Scan# 727

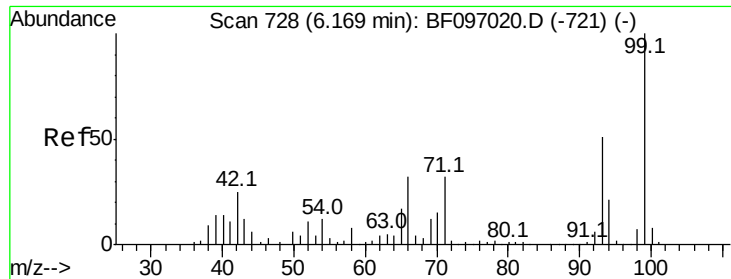
Delta R.T. -0.00 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Tgt Ion:	93	Resp:	257295
Ion Ratio	Lower	Upper	
93	100		
66	62.9	32.9	49.3#
65	28.5	16.0	24.0#





#7

Phenol-d6

Concen: 117.410 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

ClientSampleId :

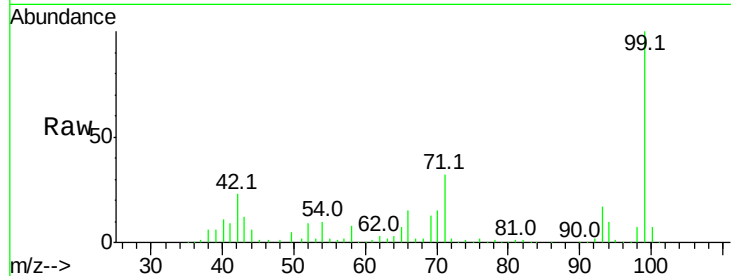
Tot Ion: 99 Resp: 958608

Ion Ratio Lower Upper

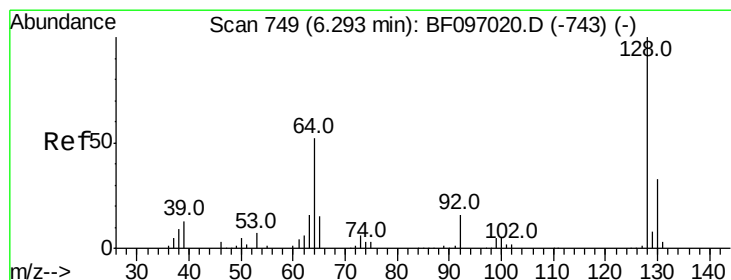
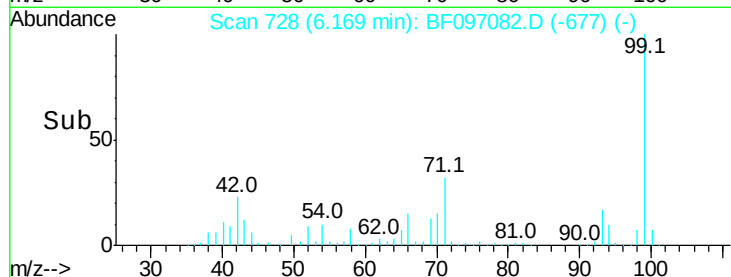
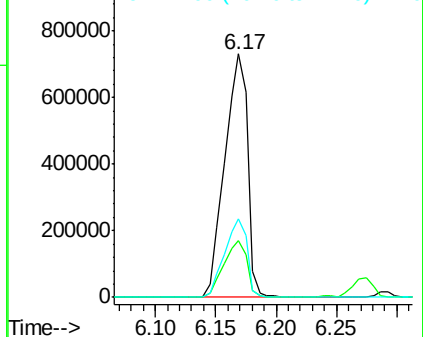
99 100

42 23.2 13.5 20.3#

71 32.5 24.5 36.7



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



#8

2-Chlorophenol

Concen: 38.848 ng

RT: 6.29 min Scan# 749

Delta R.T. -0.00 min

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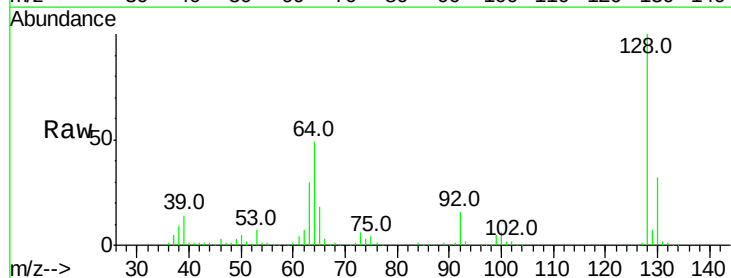
Tgt Ion: 128 Resp: 297084

Ion Ratio Lower Upper

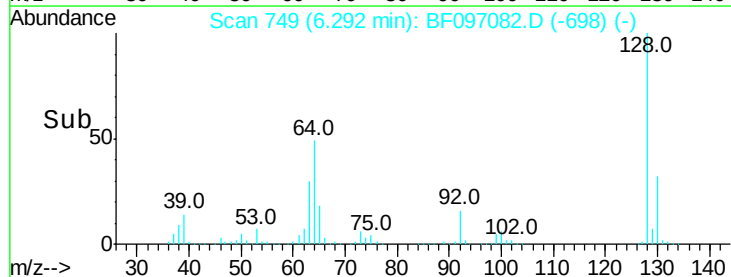
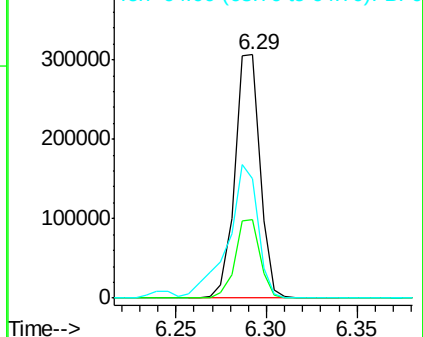
128 100

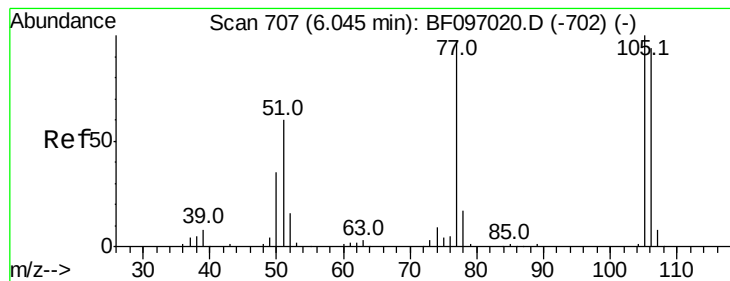
130 32.3 12.9 52.9

64 48.9 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: 19.090 ng

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF097082.D

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BNA_F

ClientSampled :

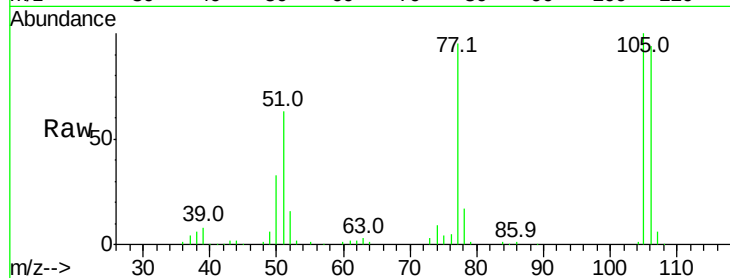
Tot Ion: 77 Resp: 92257

Ion Ratio Lower Upper

77 100

105 105.7 83.8 123.8

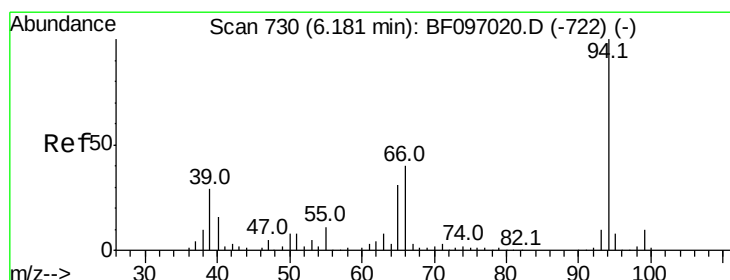
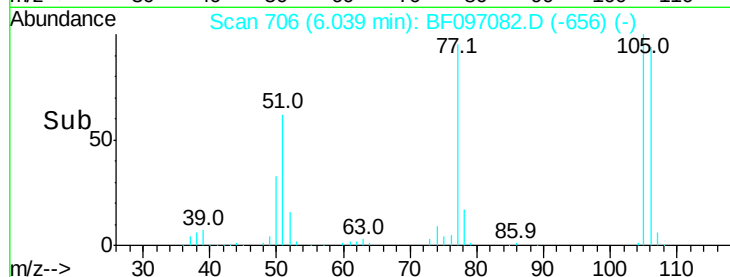
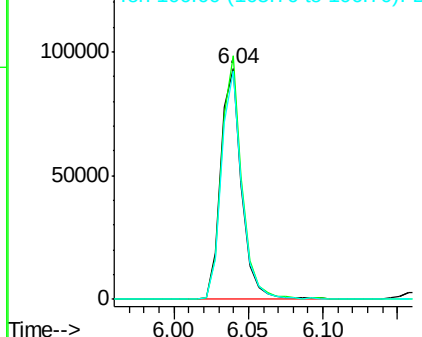
106 99.1 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.929 ng

RT: 6.18 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

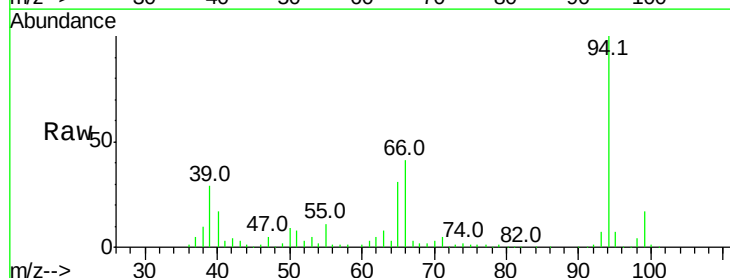
Tgt Ion: 94 Resp: 357632

Ion Ratio Lower Upper

94 100

65 31.2 9.9 49.9

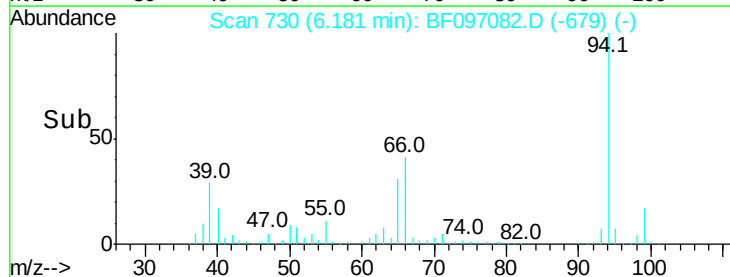
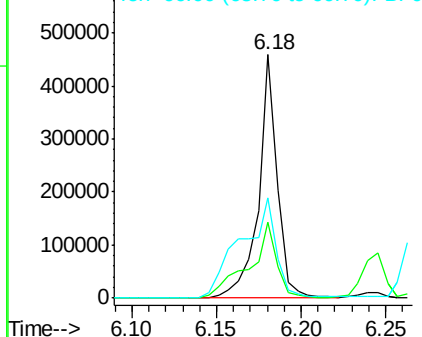
66 40.9 23.1 63.1

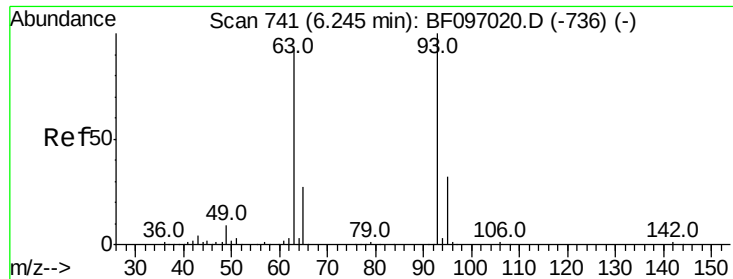


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.498 ng

RT: 6.25 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

ClientSampleId :

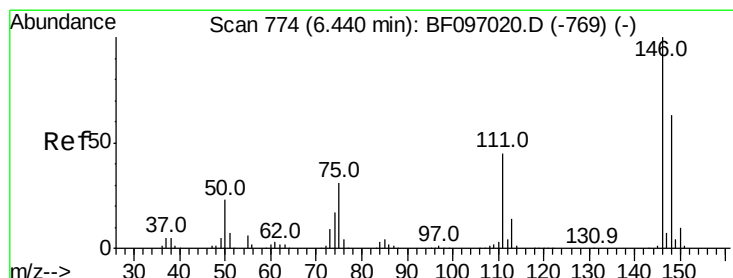
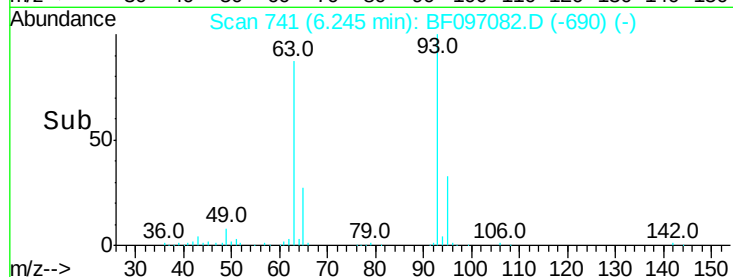
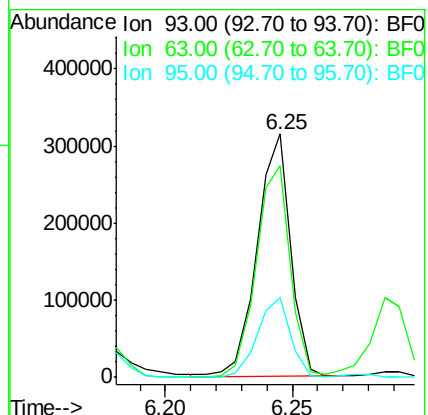
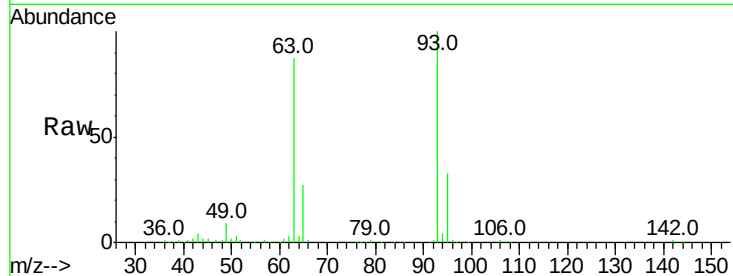
Tot Ion: 93 Resp: 287216

Ion Ratio Lower Upper

93 100

63 87.1 59.2 99.2

95 32.7 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.038 ng

RT: 6.43 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

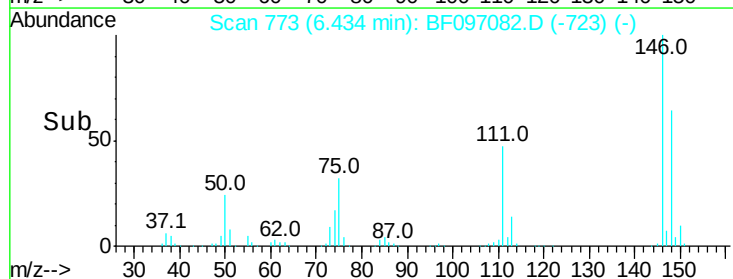
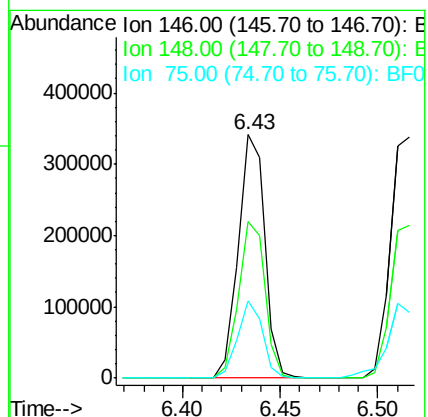
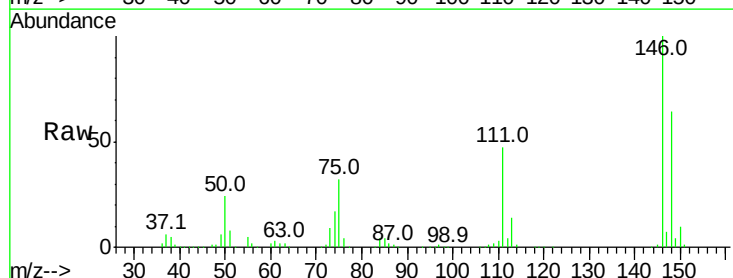
Tgt Ion: 146 Resp: 321719

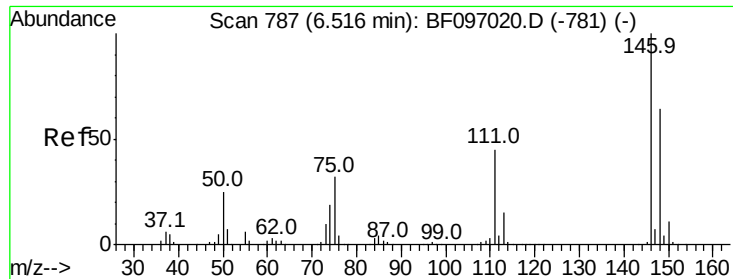
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

75 31.6 23.1 34.7

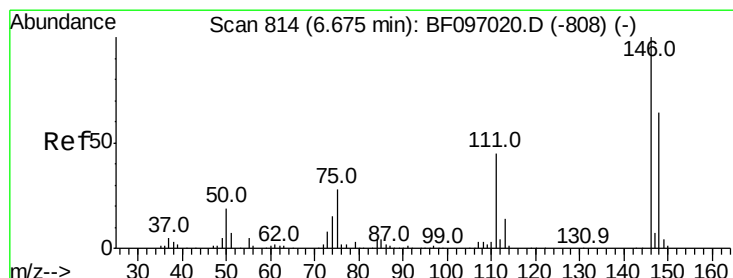
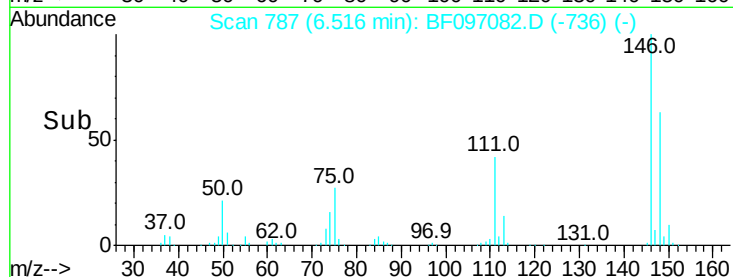
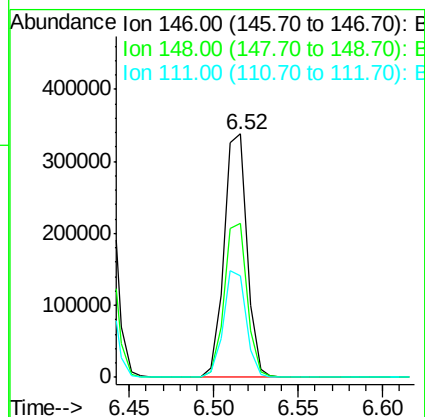
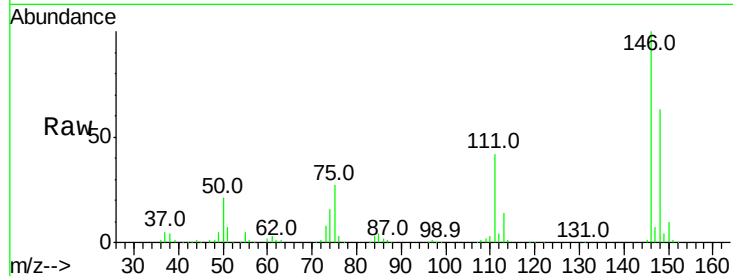




#13
 1,4-Dichlorobenzene
 Concen: 39.318 ng
 RT: 6.52 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

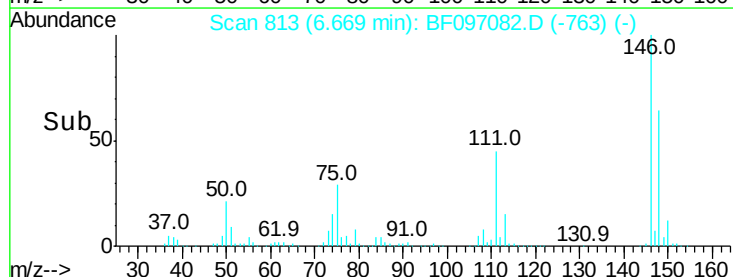
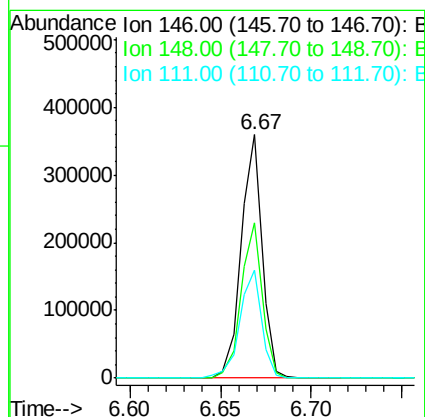
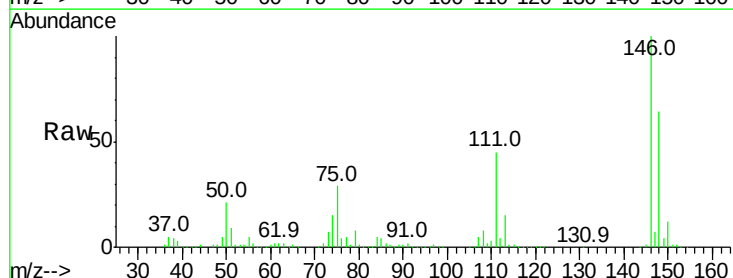
Instrument :
 BNA_F
 ClientSampled :

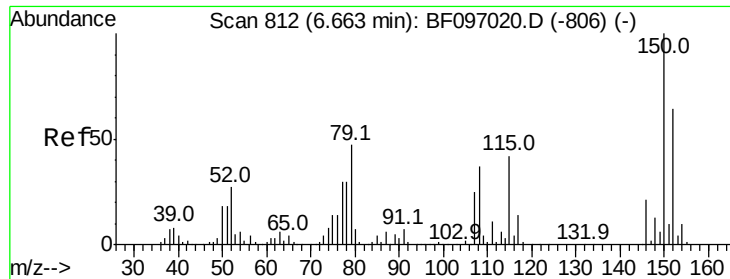
Tot Ion:146 Resp: 321115
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.2 78.2
 111 41.8 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 40.544 ng
 RT: 6.67 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion:146 Resp: 289119
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.4 75.6
 111 44.5 38.2 57.4

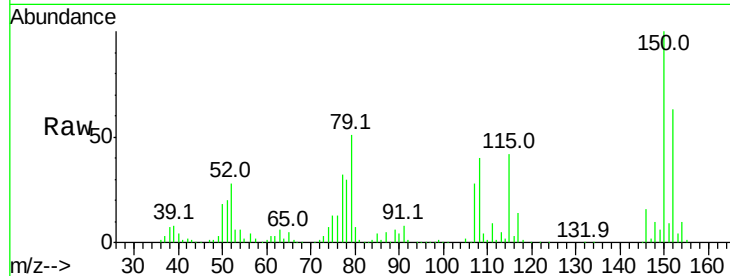




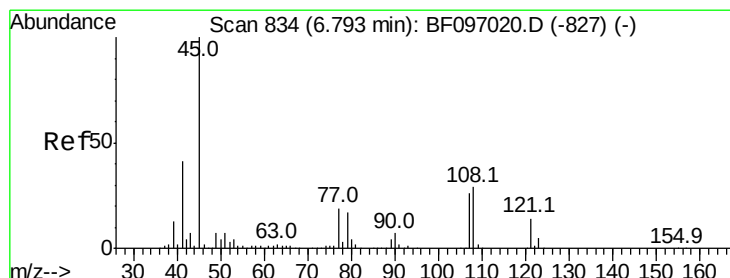
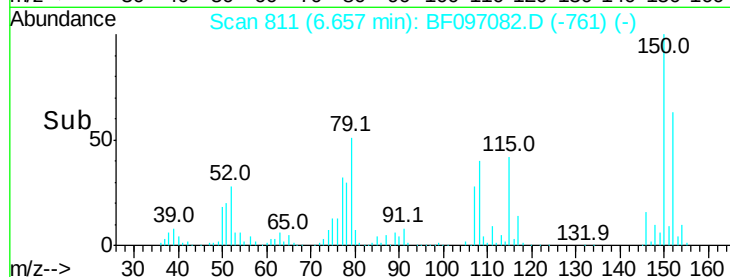
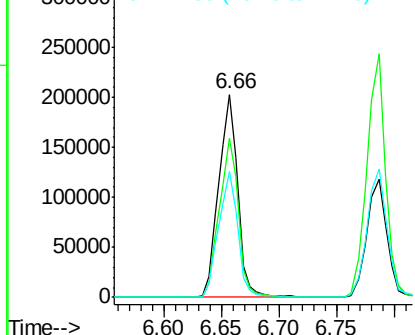
#15
Benzyl Alcohol
Concen: 45.250 ng
RT: 6.66 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 233905
Ion Ratio Lower Upper
79 100
108 78.4 63.4 95.0
77 62.2 49.2 73.8

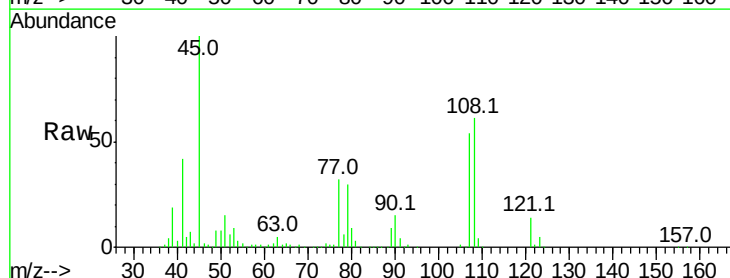


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

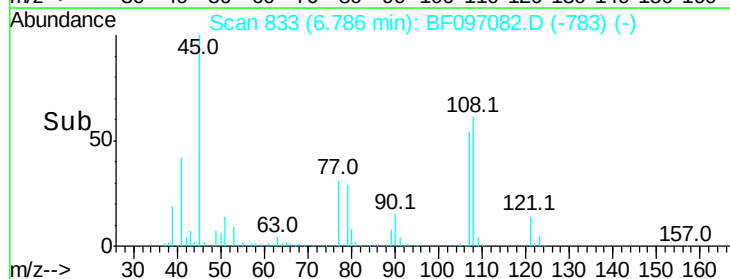
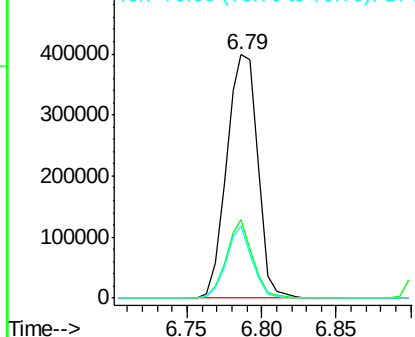


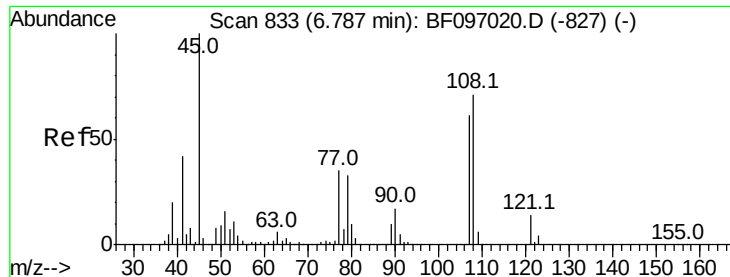
#16
2,2'-oxybis(1-chloropropane)
Concen: 37.830 ng
RT: 6.79 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion: 45 Resp: 581179
Ion Ratio Lower Upper
45 100
77 32.2 0.0 33.2
79 29.7 0.0 30.0



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

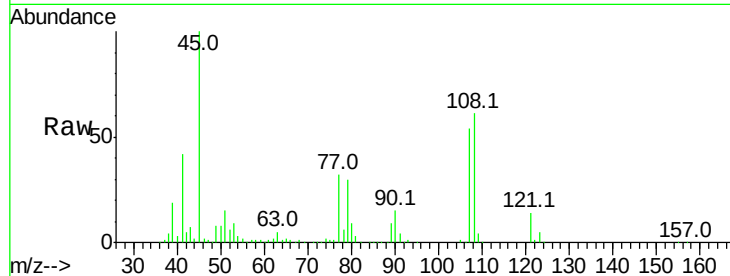




#17
2-Methylphenol
Concen: 40.758 ng
RT: 6.79 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.9	93.4	140.0
77	60.1	35.8	53.6#
79	55.4	34.8	52.2#



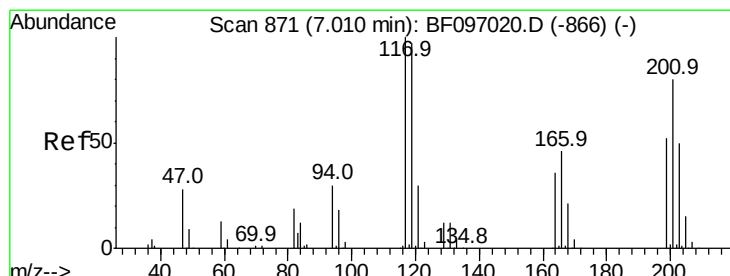
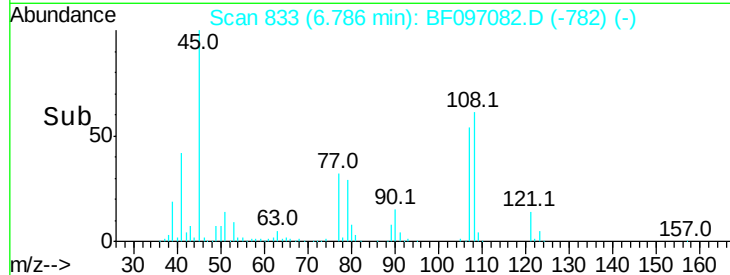
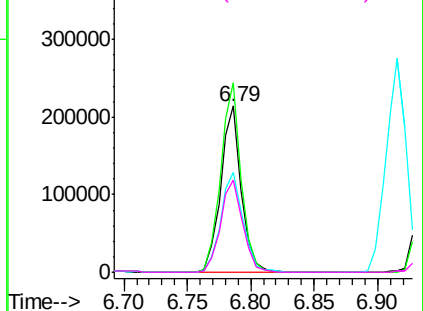
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

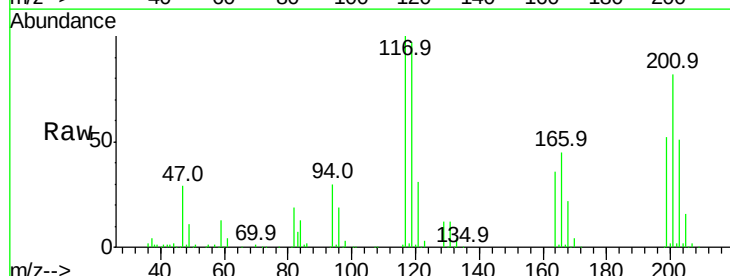
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 39.861 ng
RT: 7.00 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.4	116.0
201	82.1	94.6	141.8#

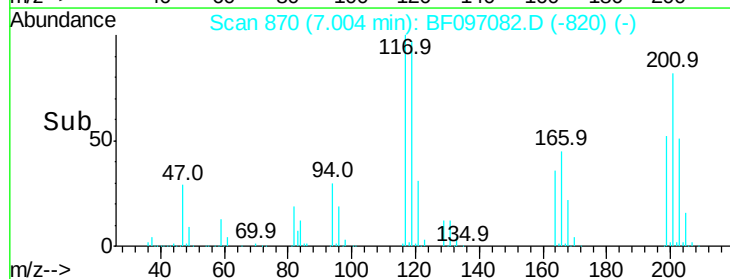
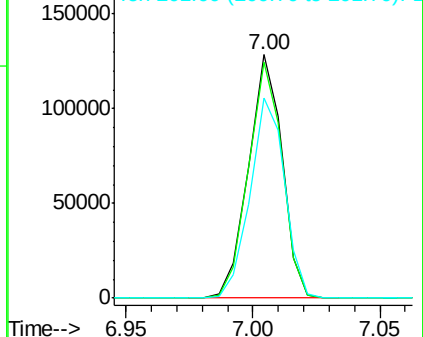


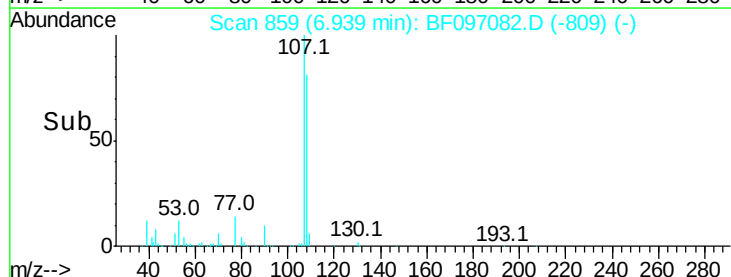
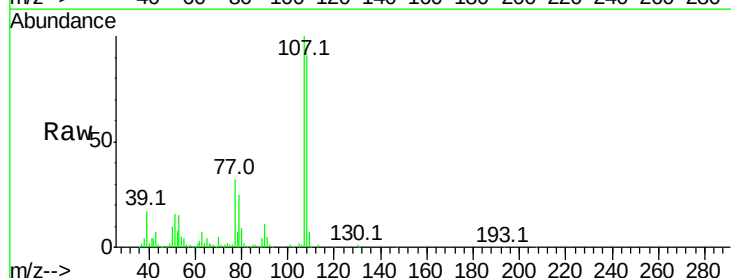
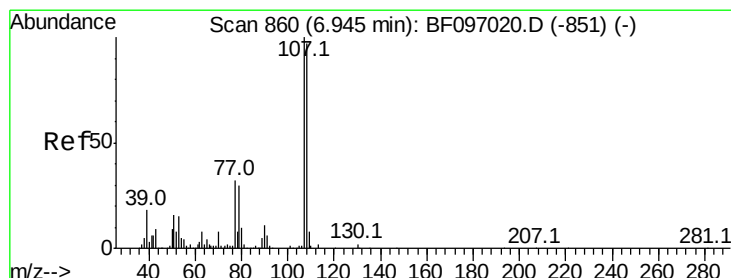
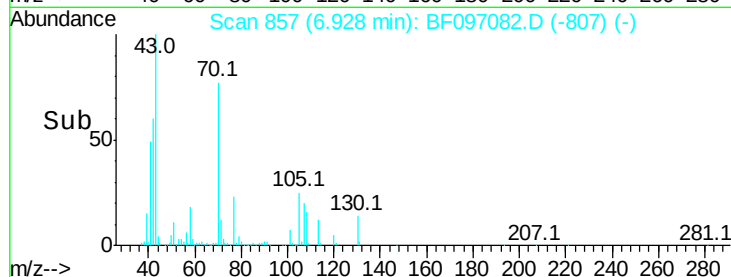
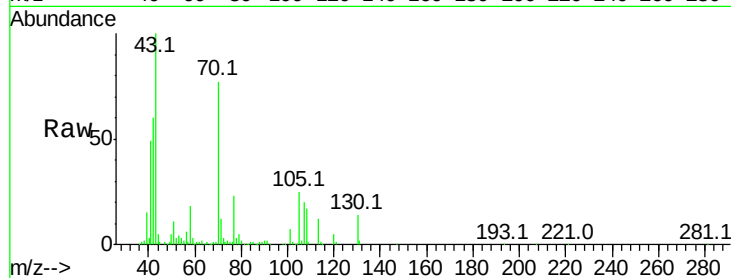
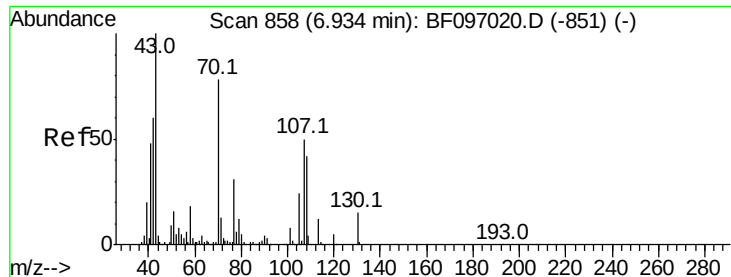
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

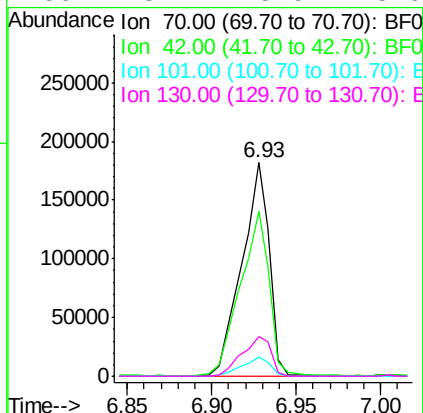




#19
n-Nitroso-di-n-propylamine
Concen: 38.307 ng
RT: 6.93 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

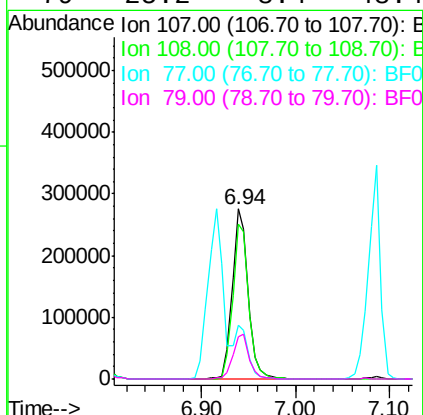
Instrument :
BNA_F
ClientSampleId :

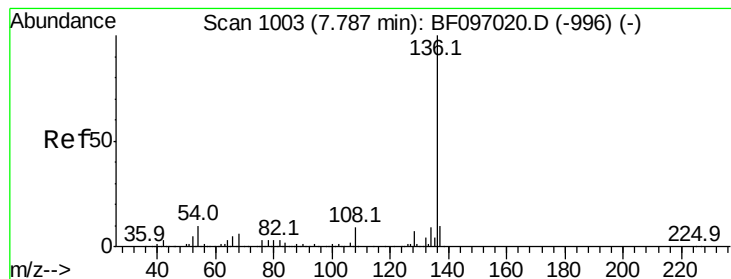
Tot Ion	Ratio	Lower	Upper
70	100		
42	77.4	47.2	70.8#
101	9.1	7.2	10.8
130	18.7	15.9	23.9



#20
3+4-Methylphenols
Concen: 41.607 ng
RT: 6.94 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.3	71.0	111.0
77	31.6	90.5	130.5#
79	25.2	8.4	48.4

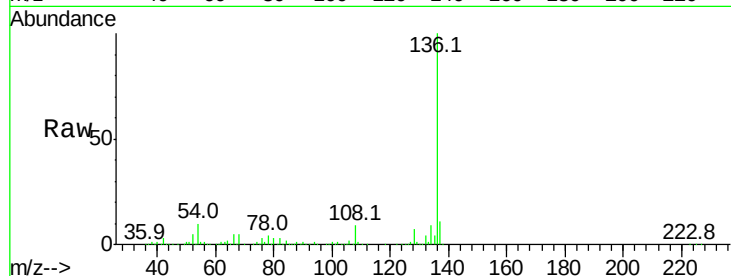




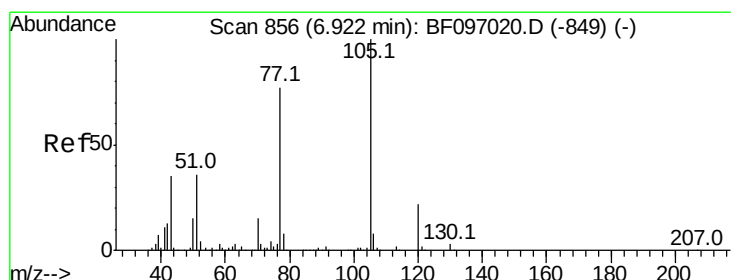
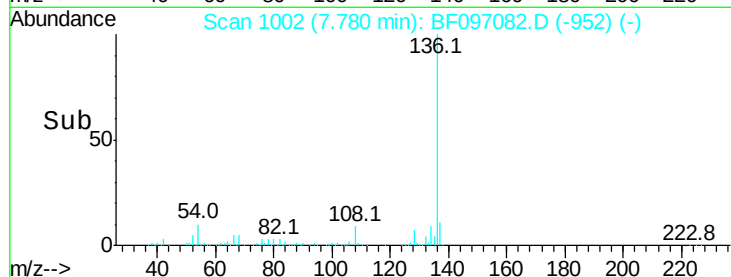
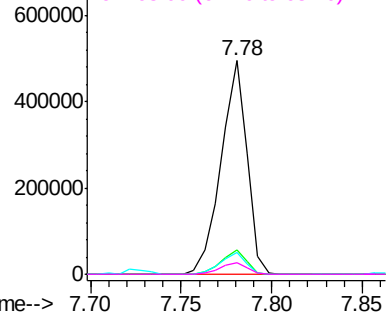
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	491125
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.3	4.9	7.3#
68	5.3	4.1	6.1

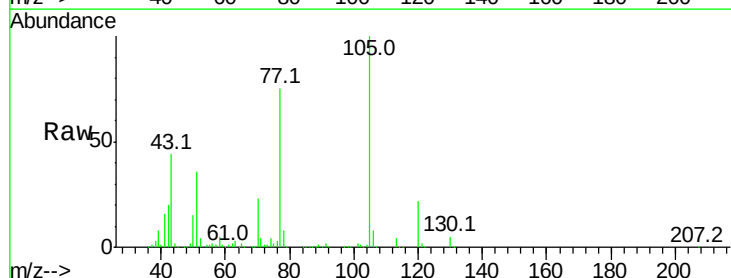


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

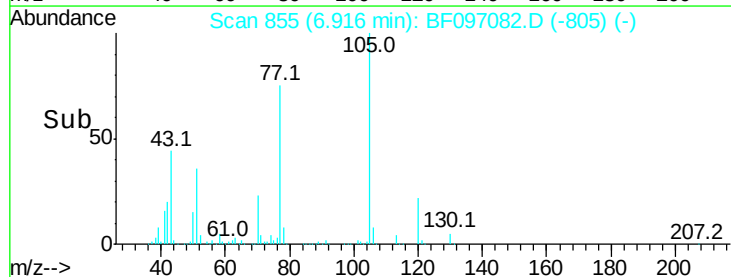
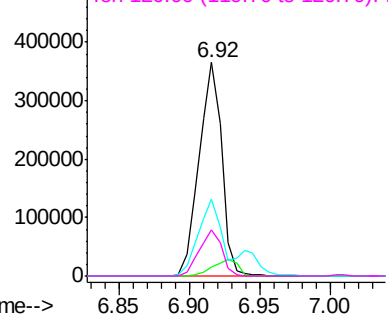


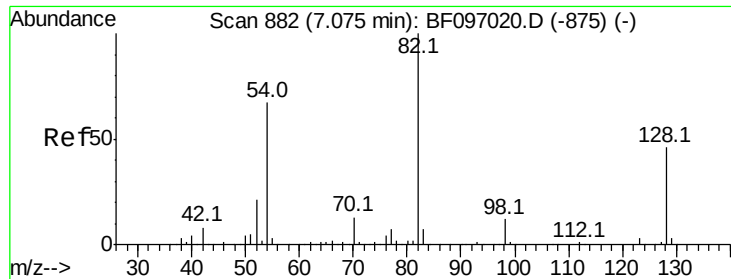
#22
Acetophenone
Concen: 34.467 ng
RT: 6.92 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion:	105	Resp:	406505
Ion	Ratio	Lower	Upper
105	100		
71	4.2	2.8	4.2
51	36.0	30.7	46.1
120	21.5	17.4	26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

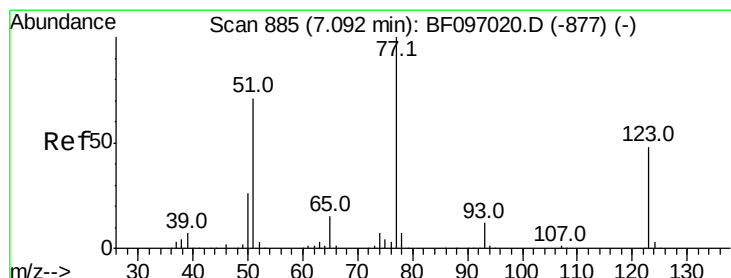
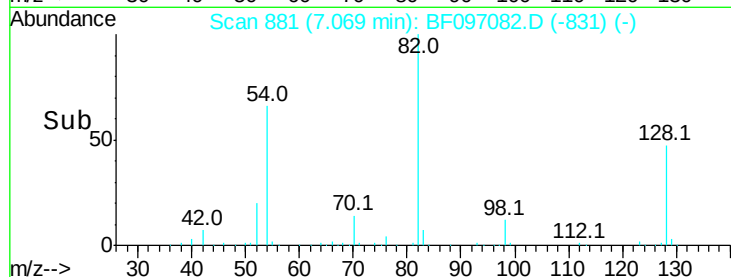
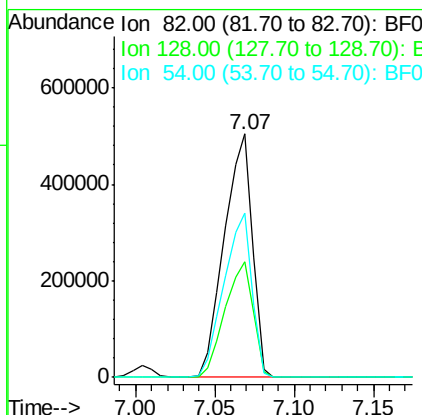
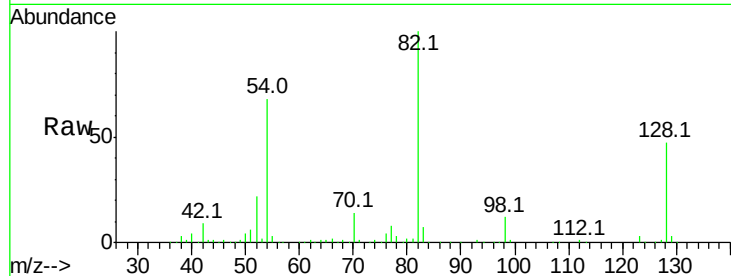




#23
 Nitrobenzene-d5
 Concen: 74.132 ng
 RT: 7.07 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

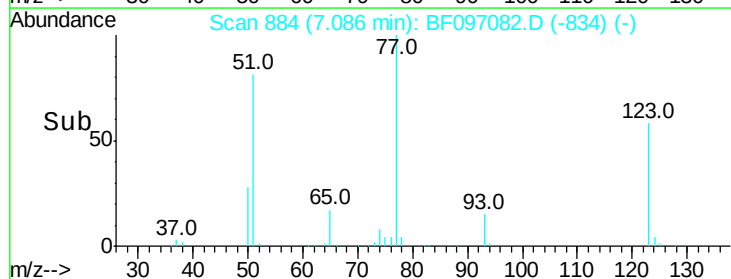
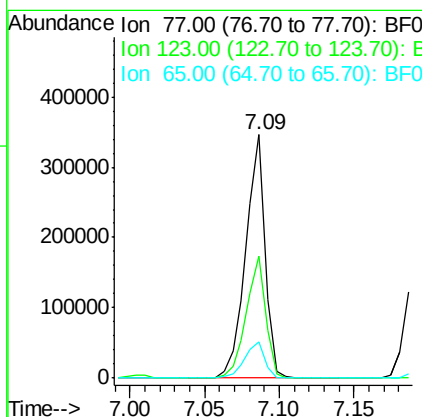
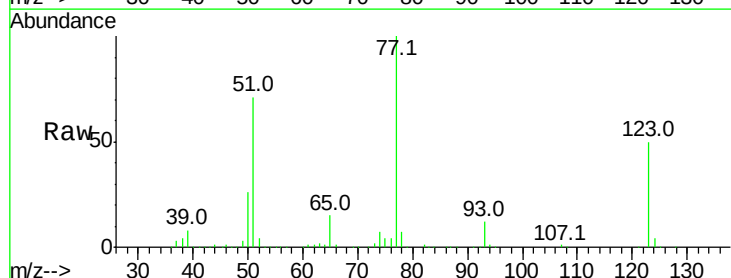
Instrument :
 BNA_F
 ClientSampleId :

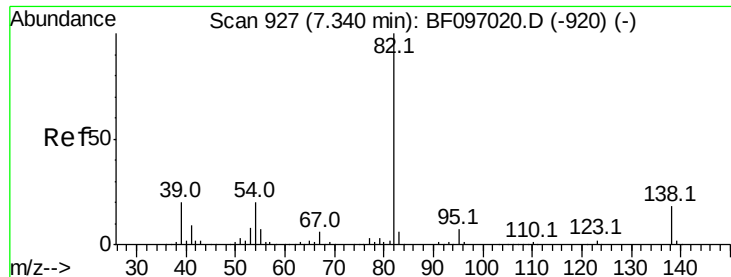
Tot Ion: 82 Resp: 620617
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.0 51.0
 54 67.6 42.2 63.2#



#24
 Nitrobenzene
 Concen: 35.670 ng
 RT: 7.09 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion: 77 Resp: 311006
 Ion Ratio Lower Upper
 77 100
 123 49.9 35.8 53.8
 65 14.7 10.6 15.8





#25

Isophorone

Concen: 39.647 ng

RT: 7.33 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

ClientSampleId :

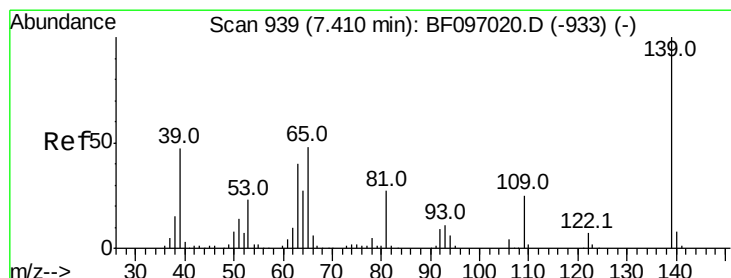
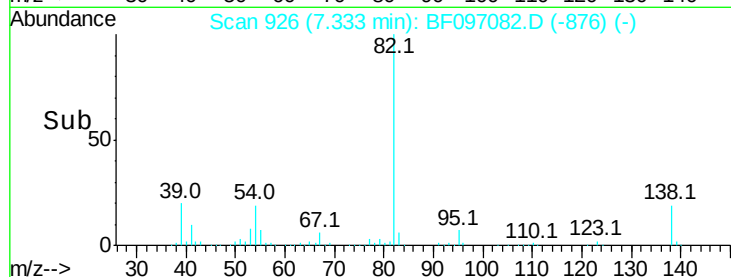
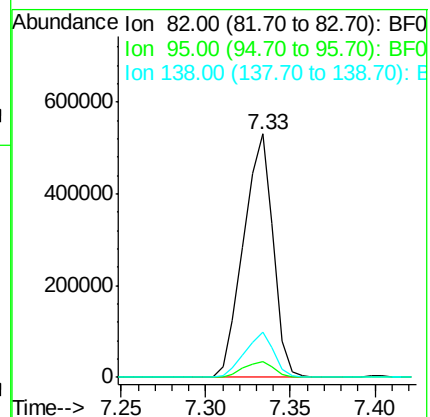
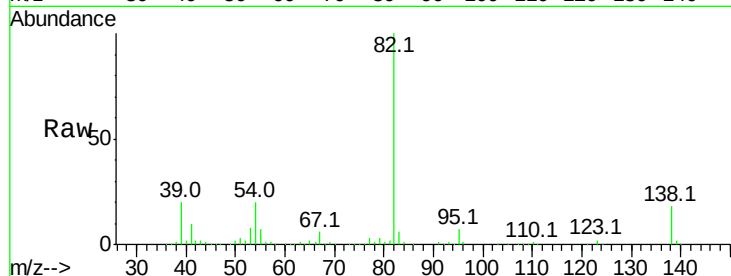
Tot Ion: 82 Resp: 650017

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 18.4 13.1 19.7



#26

2-Nitrophenol

Concen: 40.958 ng

RT: 7.40 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

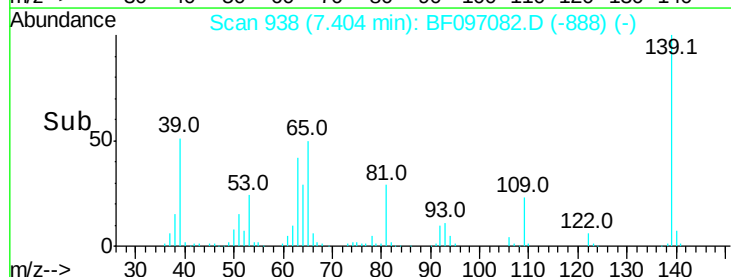
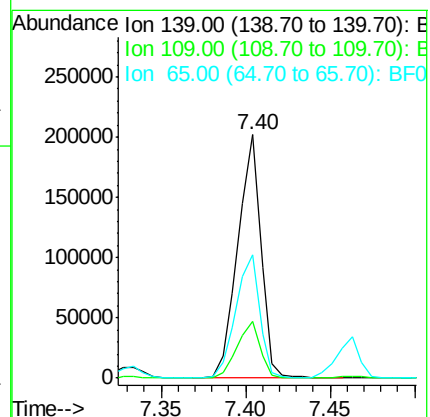
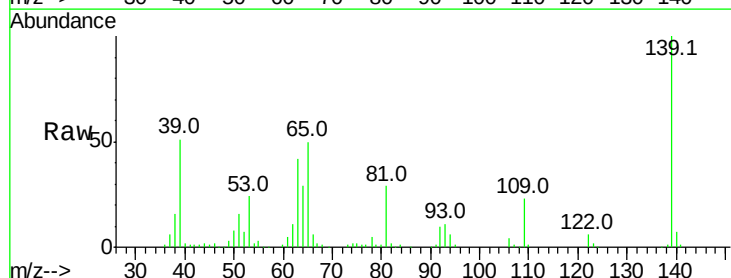
Tgt Ion: 139 Resp: 193207

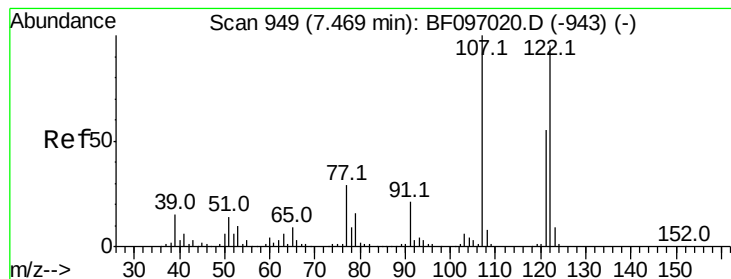
Ion Ratio Lower Upper

139 100

109 23.3 21.0 31.6

65 50.5 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 41.007 ng

RT: 7.46 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

ClientSampled :

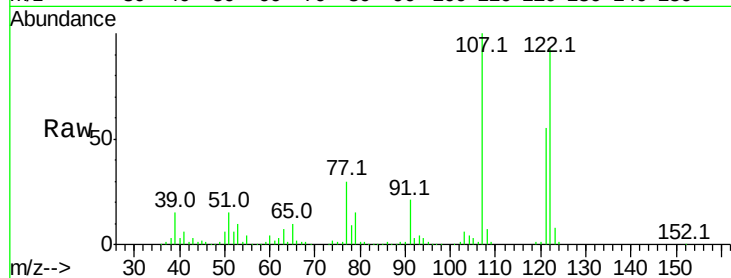
Tot Ion:122 Resp: 319094

Ion Ratio Lower Upper

122 100

107 108.1 89.2 133.8

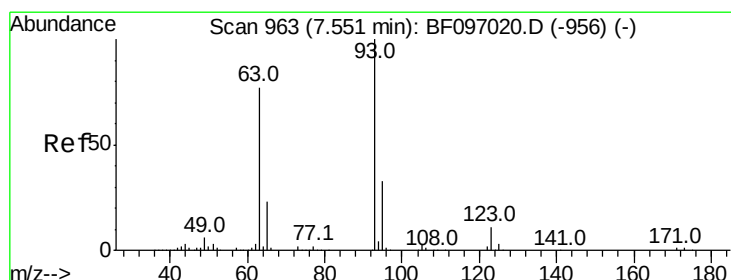
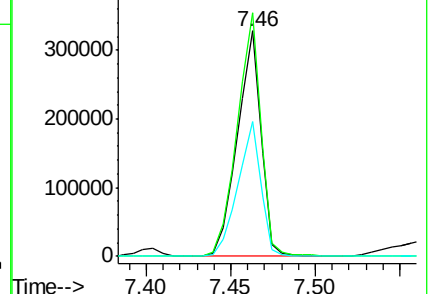
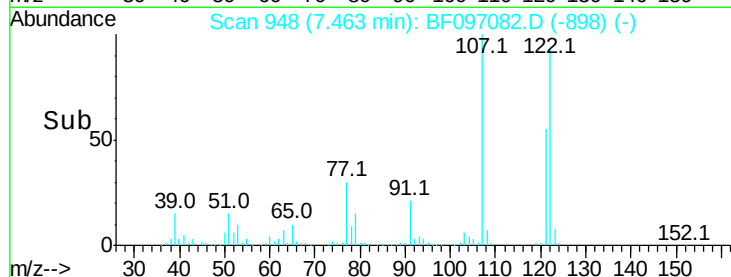
121 59.8 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.814 ng

RT: 7.55 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

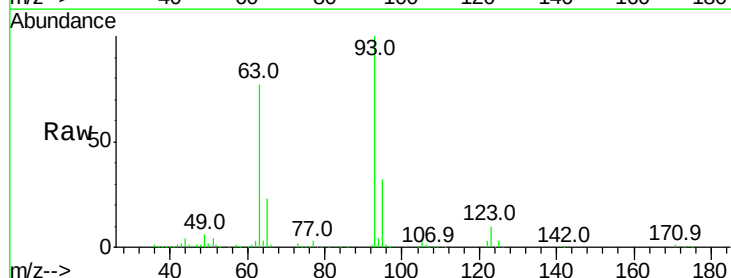
Tgt Ion: 93 Resp: 436676

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

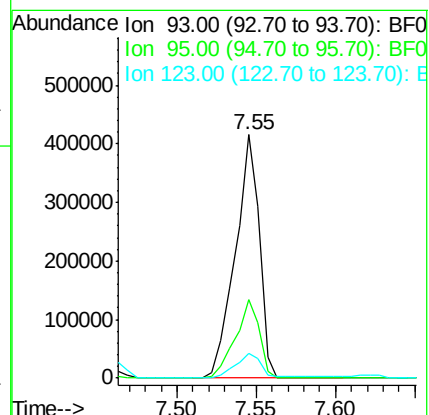
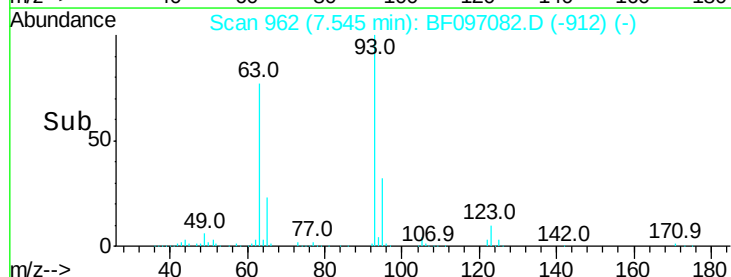
123 10.4 9.0 13.4

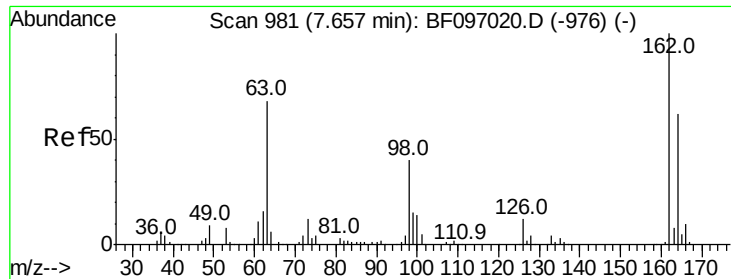


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

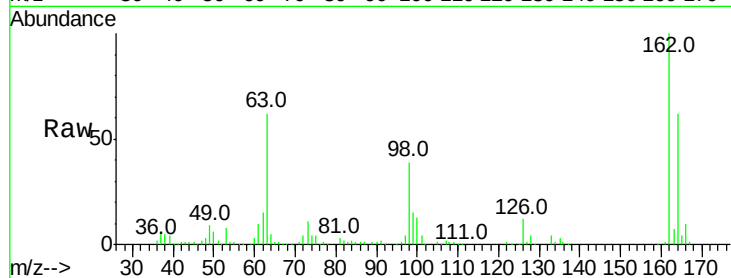




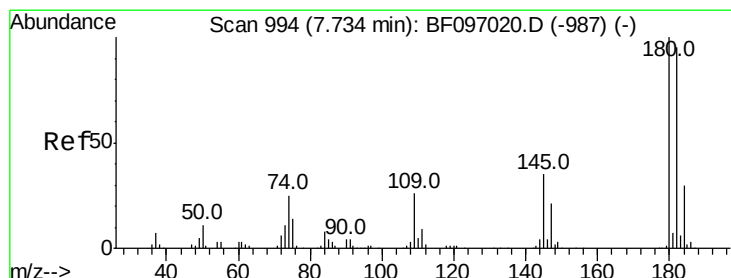
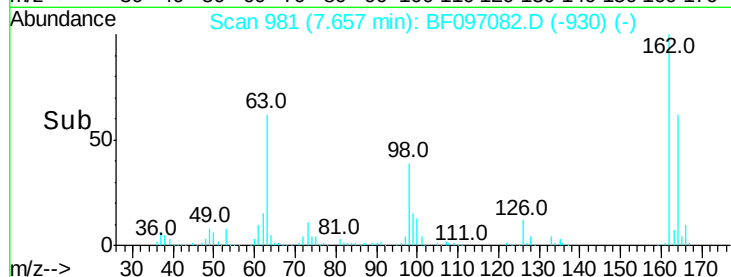
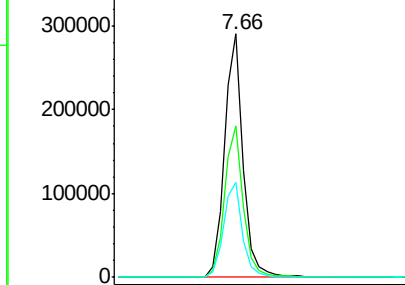
#29
 2,4-Dichlorophenol
 Concen: 42.323 ng
 RT: 7.66 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	44.6	84.6
98	39.0	14.8	54.8

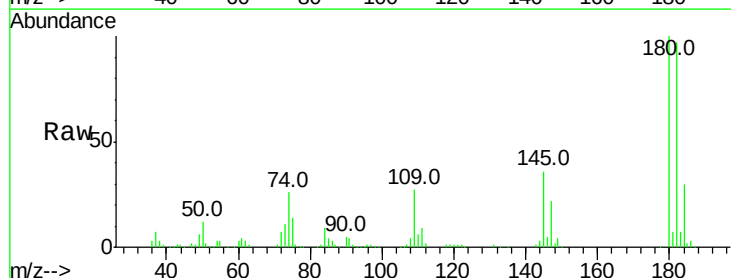


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

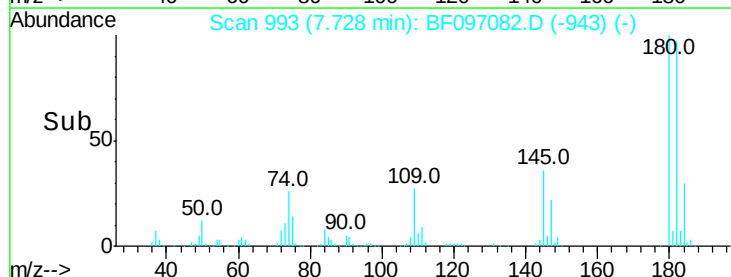
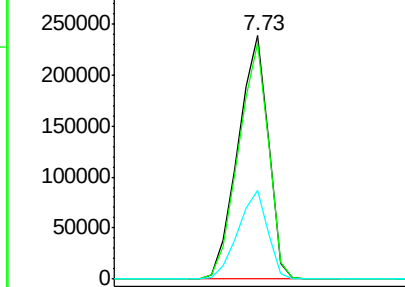


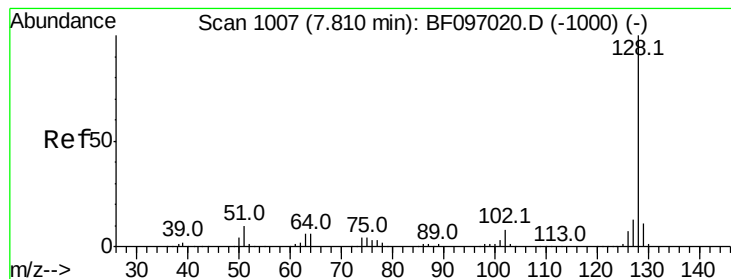
#30
 1,2,4-Trichlorobenzene
 Concen: 40.054 ng
 RT: 7.73 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.8	113.6
145	36.3	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: 40.533 ng

RT: 7.80 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

ClientSampleId :

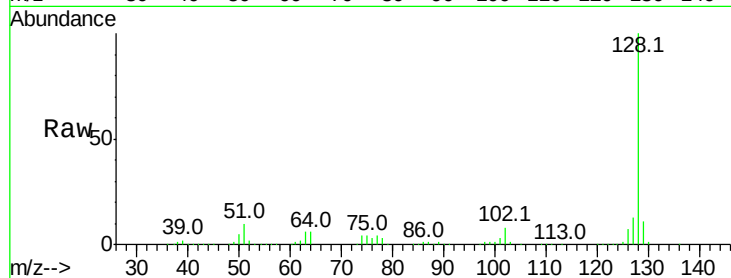
Tot Ion:128 Resp: 938390

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

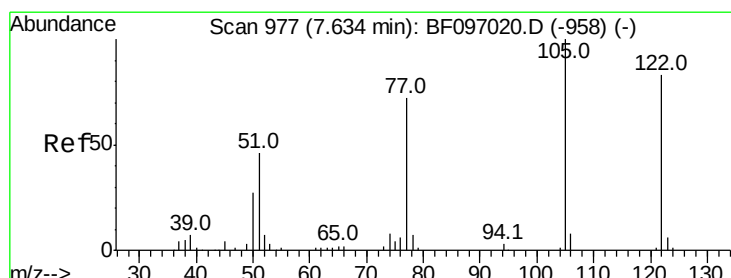
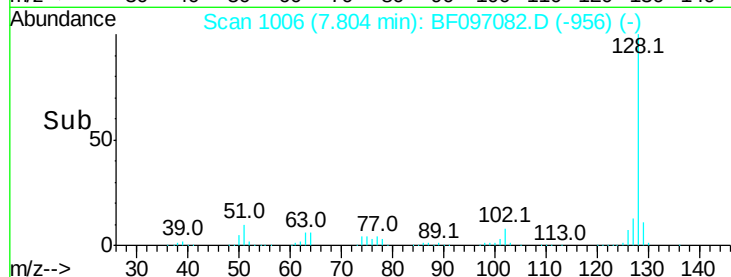
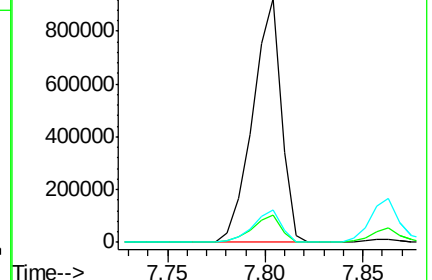
127 13.3 10.8 16.2



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: 38.376 ng

RT: 7.63 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

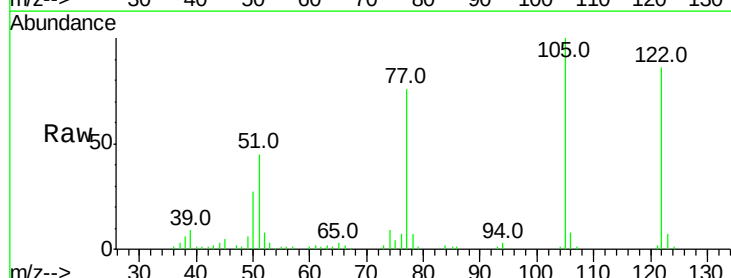
Tgt Ion:122 Resp: 222983

Ion Ratio Lower Upper

122 100

105 116.7 103.3 143.3

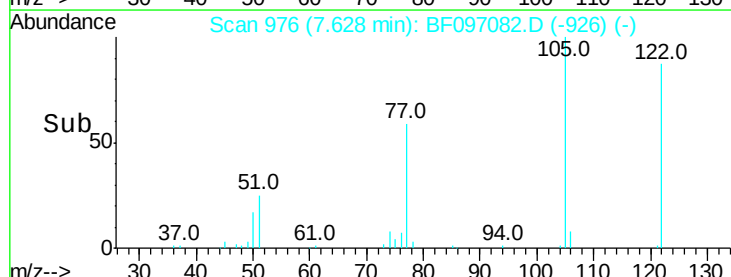
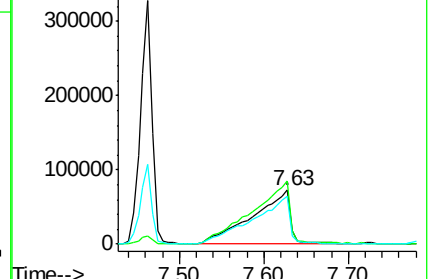
77 88.3 73.7 113.7

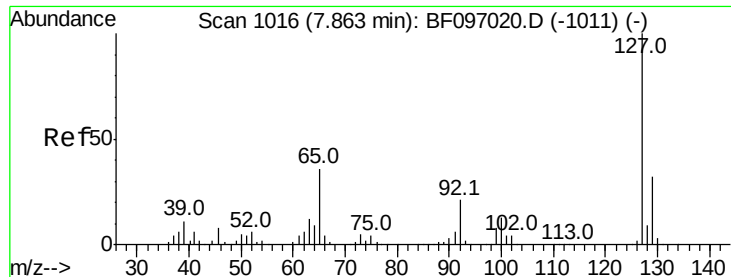


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

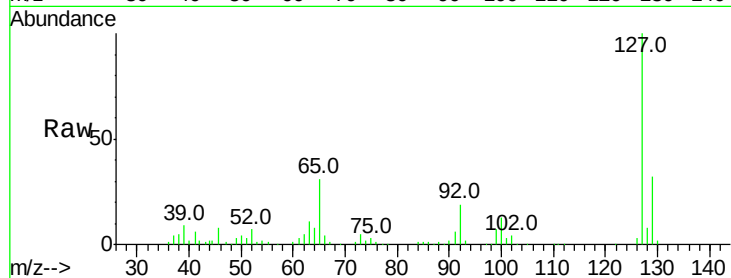




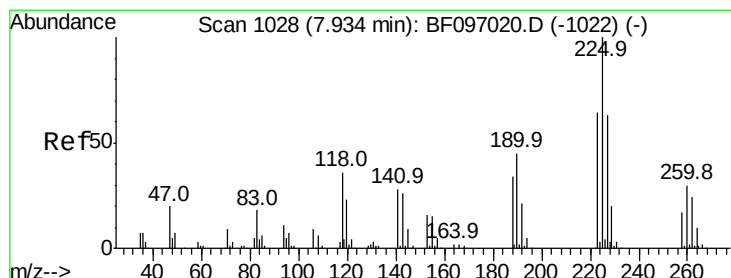
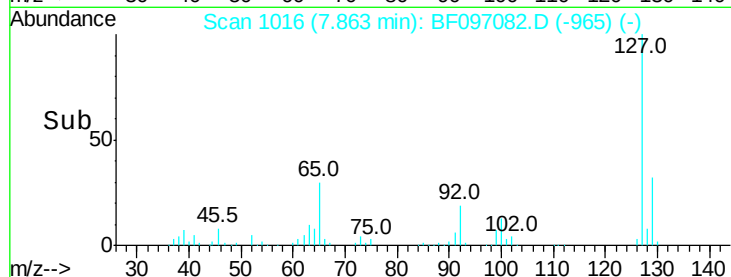
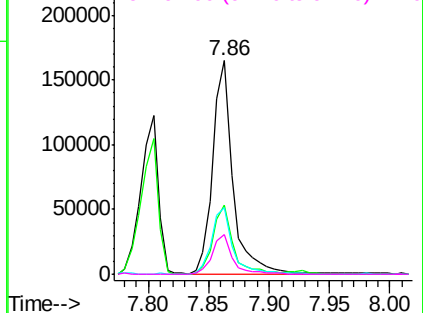
#33
4-Chloroaniline
Concen: 20.142 ng
RT: 7.86 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	189741
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	31.0	27.8	41.8
92	18.9	16.8	25.2

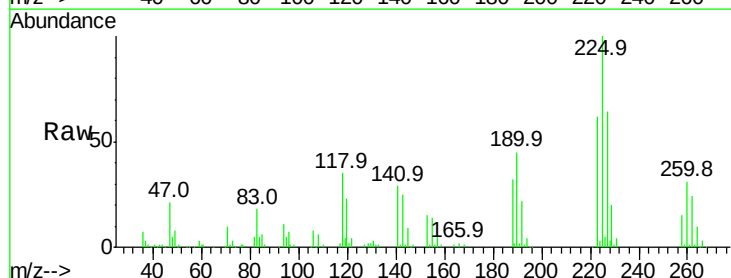


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

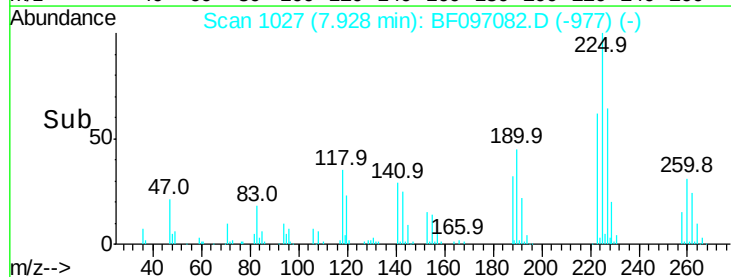
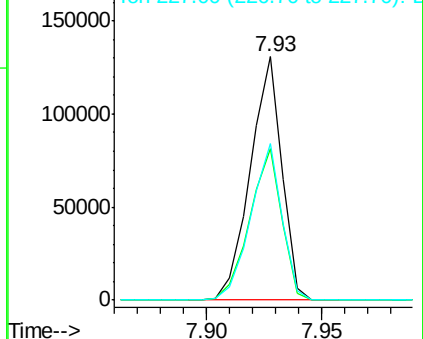


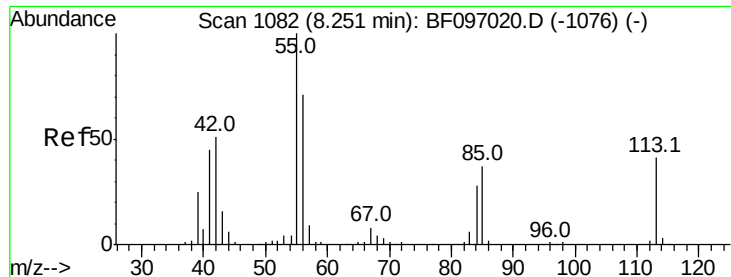
#34
Hexachlorobutadiene
Concen: 36.819 ng
RT: 7.93 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion:	225	Resp:	124721
Ion	Ratio	Lower	Upper
225	100		
223	62.3	48.8	73.2
227	64.4	51.1	76.7



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

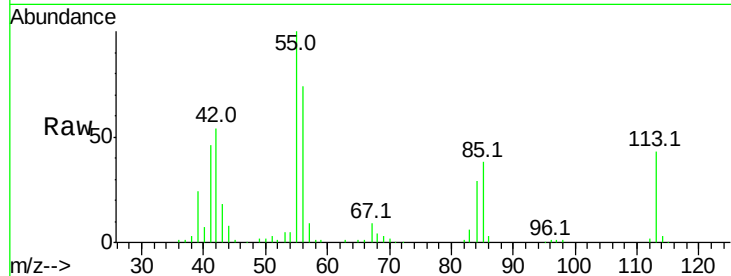




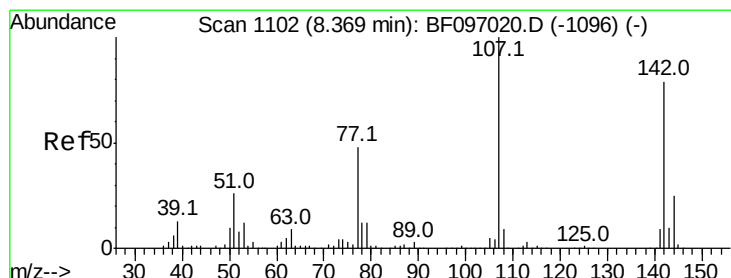
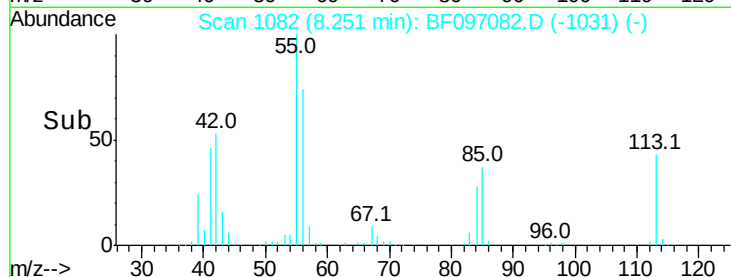
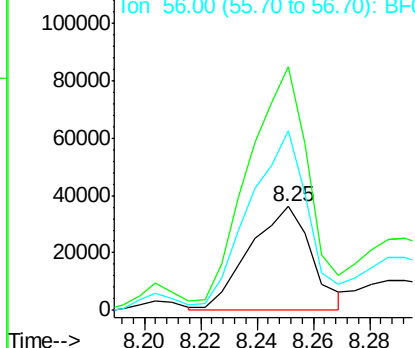
#35
Caprolactam
Concen: 25.720 ng
RT: 8.25 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 55285
Ion Ratio Lower Upper
113 100
55 234.5 150.2 190.2#
56 172.5 107.8 147.8#

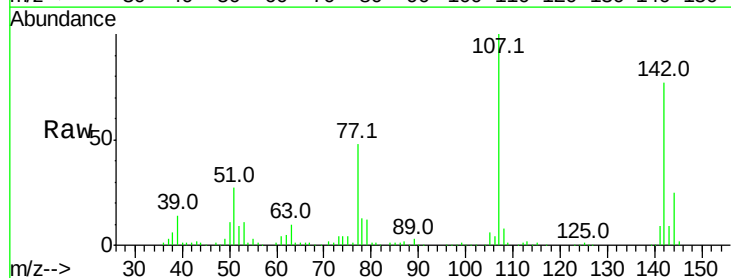


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

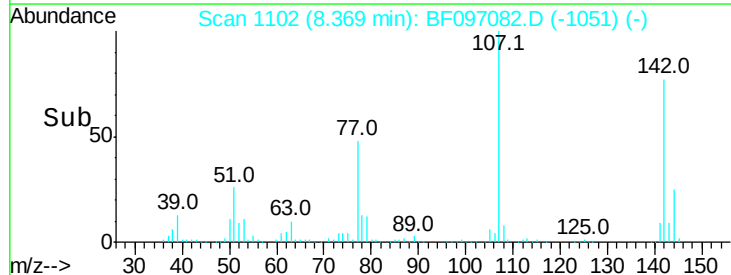
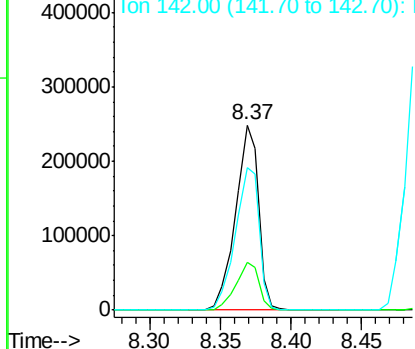


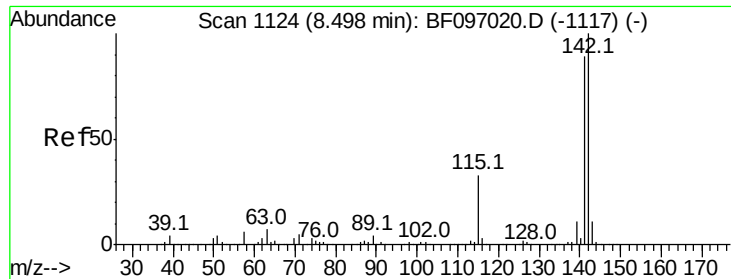
#36
4-Chloro-3-methylphenol
Concen: 38.462 ng
RT: 8.37 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion:107 Resp: 281285
Ion Ratio Lower Upper
107 100
144 25.5 24.2 36.4
142 77.1 73.4 110.0



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

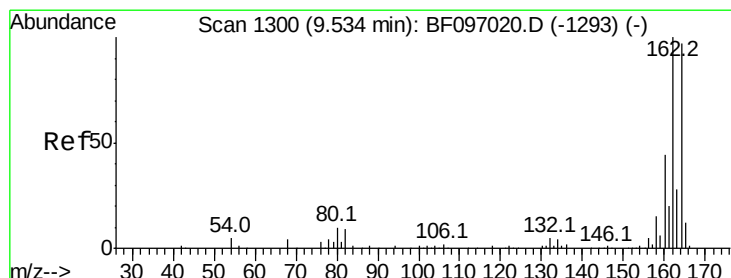
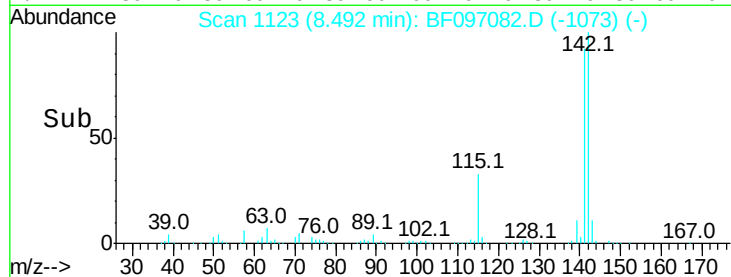
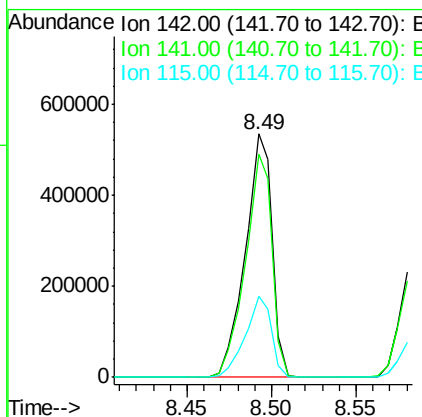
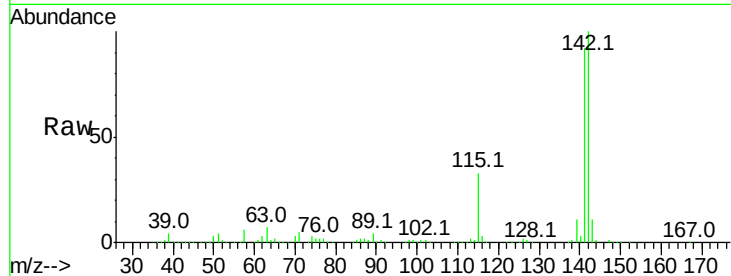




#37
 2-Methylnaphthalene
 Concen: 40.475 ng
 RT: 8.49 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

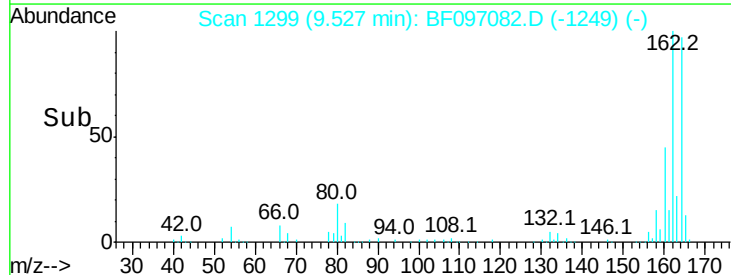
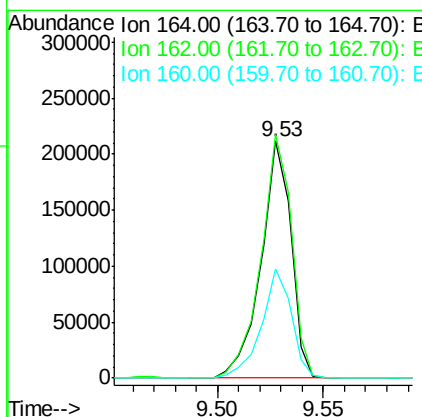
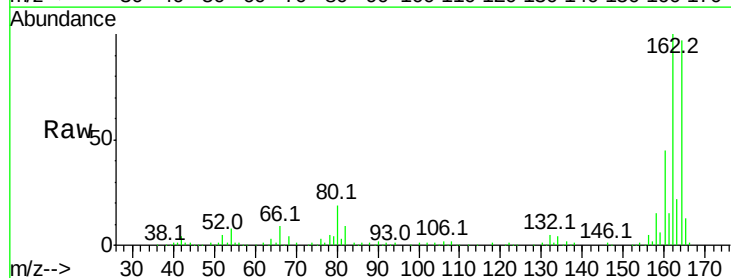
Instrument :
 BNA_F
 ClientSampleId :

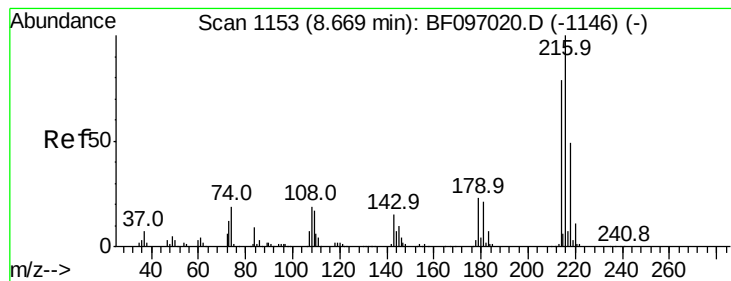
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.3	106.9
115	33.1	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	46.1	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.125 ng

RT: 8.66 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 207535

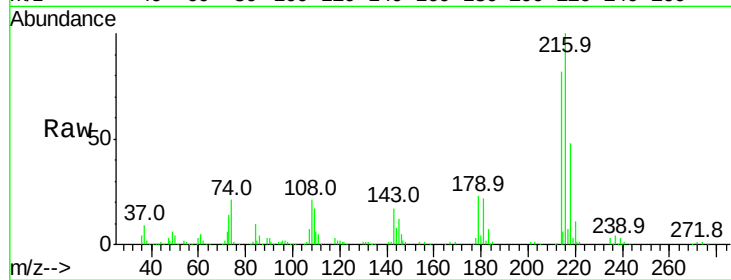
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.2

179 22.4 17.9 26.9

108 22.8 16.5 24.7

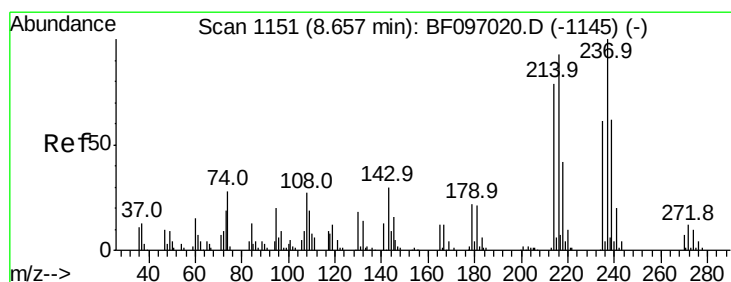
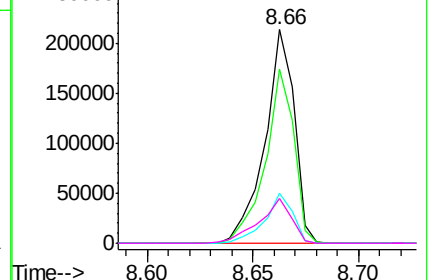
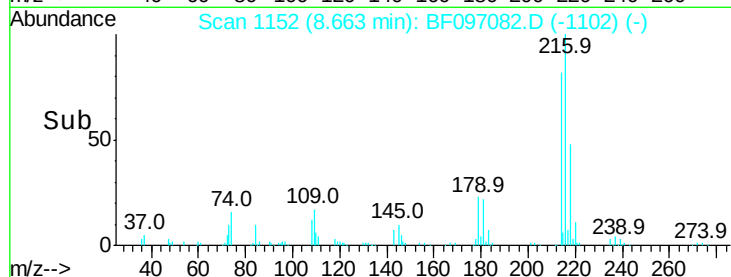


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.057 ng

RT: 8.65 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

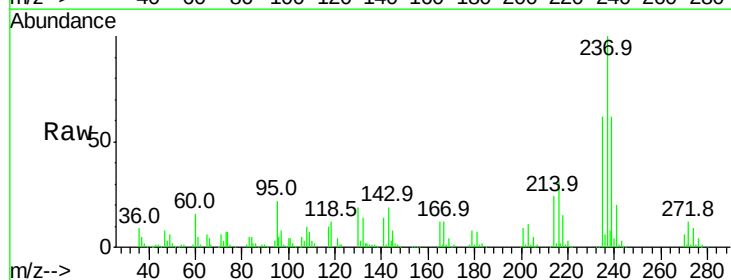
Tgt Ion:237 Resp: 165026

Ion Ratio Lower Upper

237 100

235 61.8 42.6 82.6

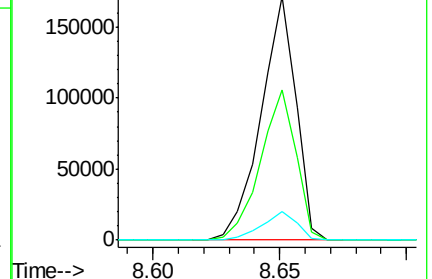
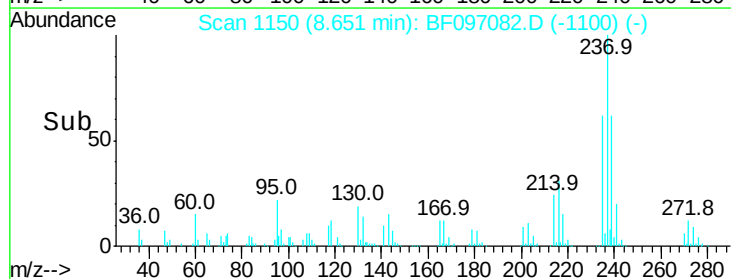
272 12.0 0.0 31.9

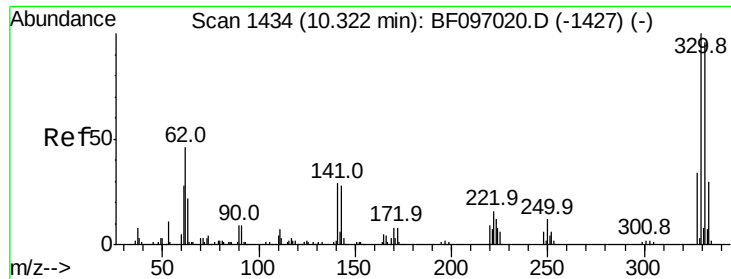


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

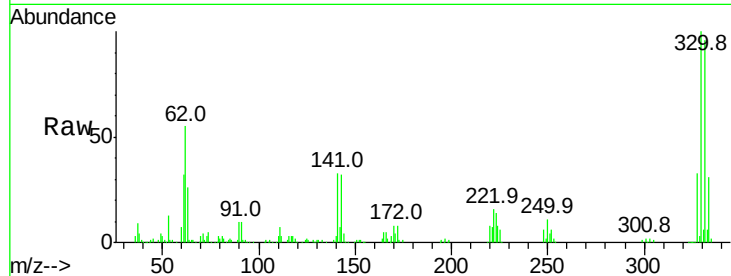




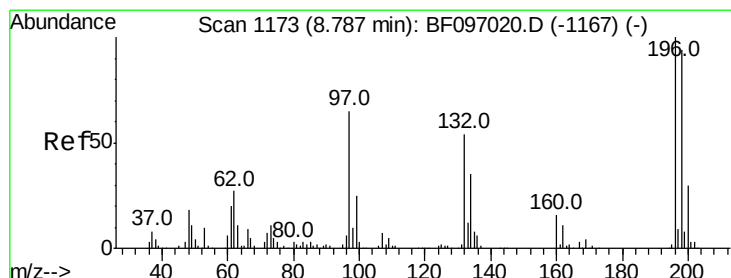
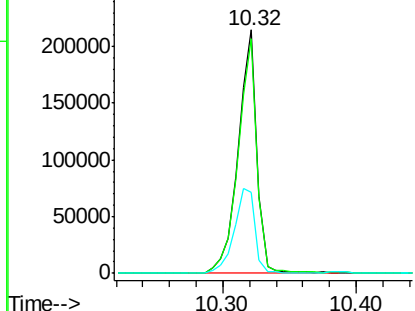
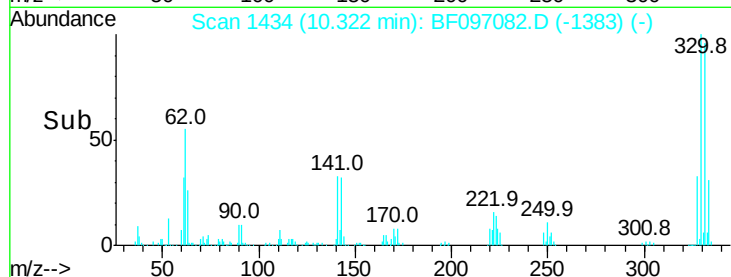
#41
 2,4,6-Tribromophenol
 Concen: 128.026 ng
 RT: 10.32 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	332	141	Ratio	Lower	Upper
330	100					
332	96.5			76.6	115.0	
141	39.0			31.4	47.2	

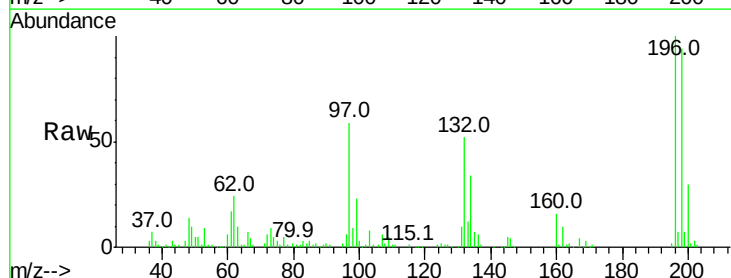


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

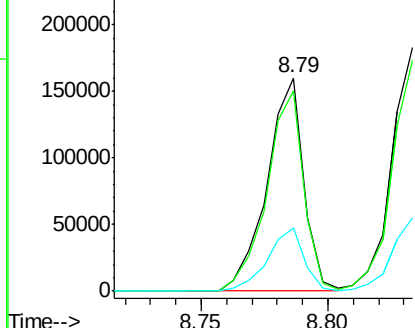
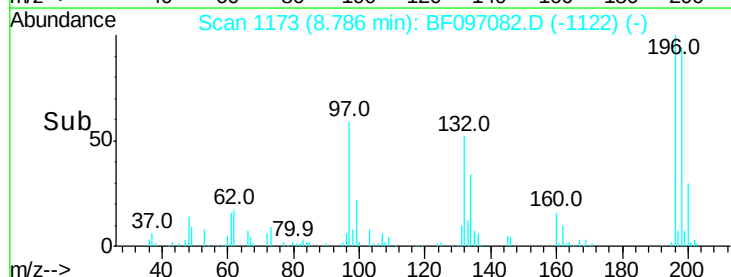


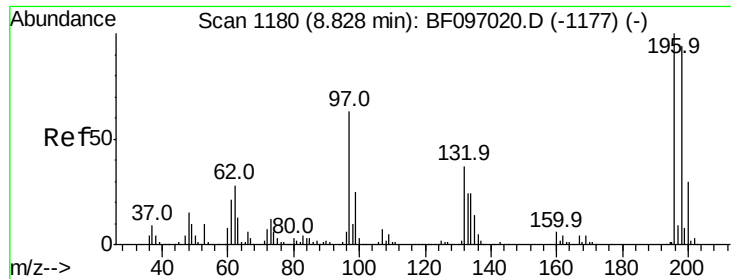
#42
 2,4,6-Trichlorophenol
 Concen: 40.184 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion	196	198	200	Ratio	Lower	Upper
196	100					
198	94.3			74.2	111.4	
200	29.8			24.0	36.0	



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

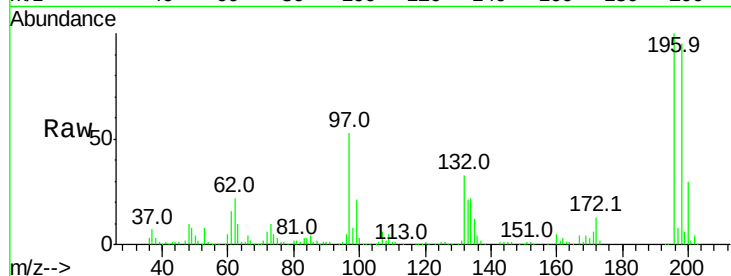




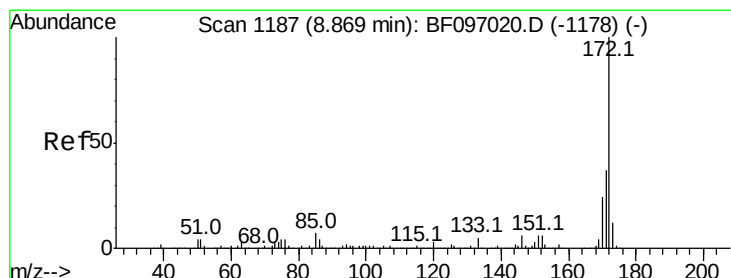
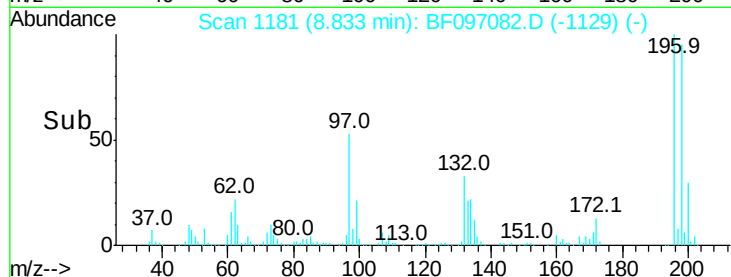
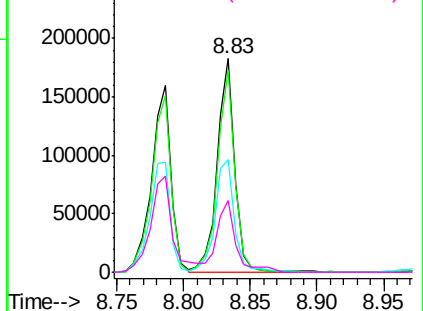
#43
 2,4,5-Trichlorophenol
 Concen: 41.956 ng
 RT: 8.83 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 170121
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.7 113.5
 97 52.8 47.7 71.5
 132 33.3 28.0 42.0

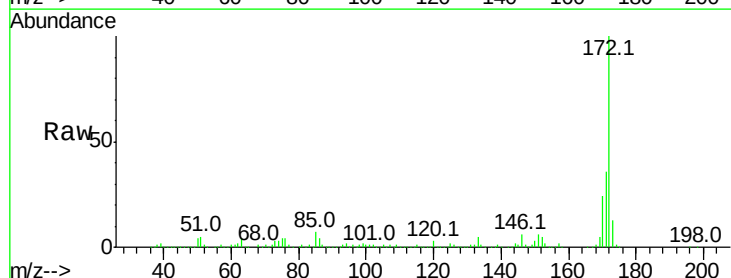


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

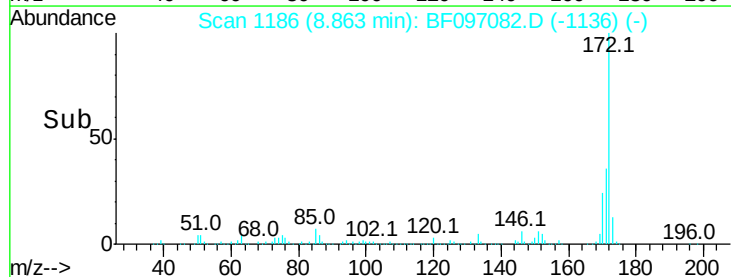
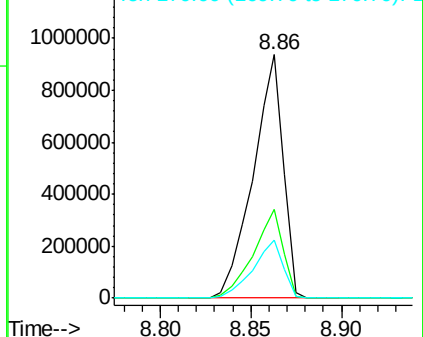


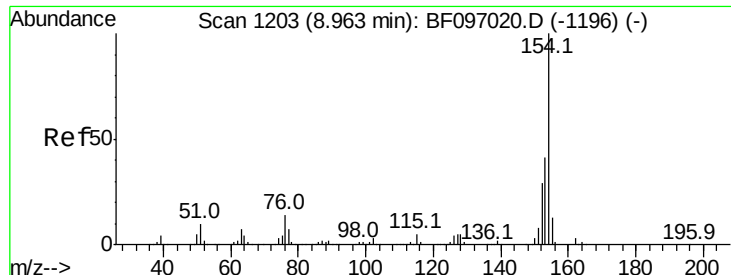
#44
 2-Fluorobiphenyl
 Concen: 87.503 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion:172 Resp: 1080212
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.8 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 37.545 ng

RT: 8.96 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

ClientSampleId :

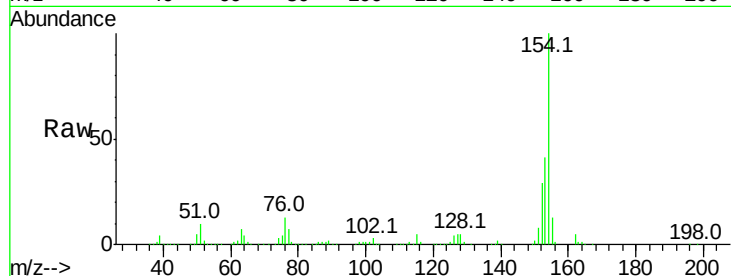
Tot Ion:154 Resp: 671857

Ion Ratio Lower Upper

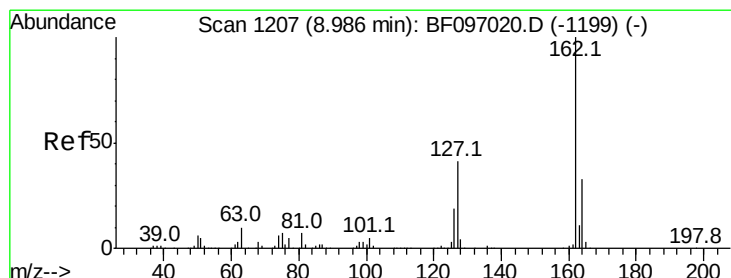
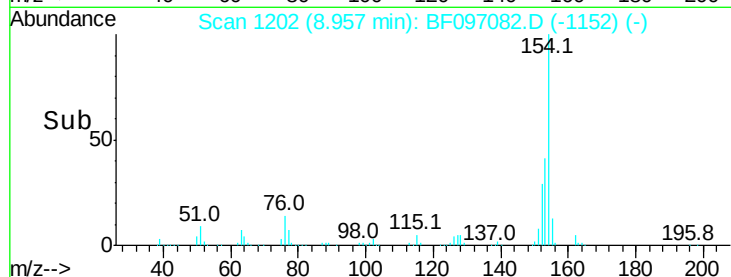
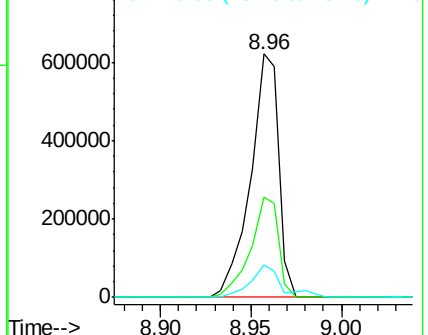
154 100

153 41.1 21.2 61.2

76 13.5 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 39.729 ng

RT: 8.98 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

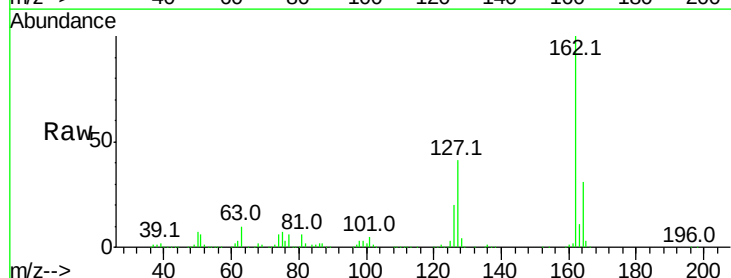
Tgt Ion:162 Resp: 523171

Ion Ratio Lower Upper

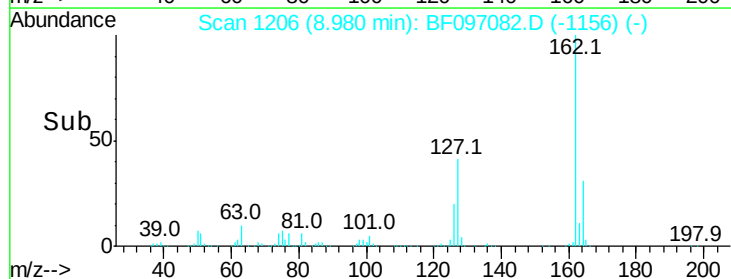
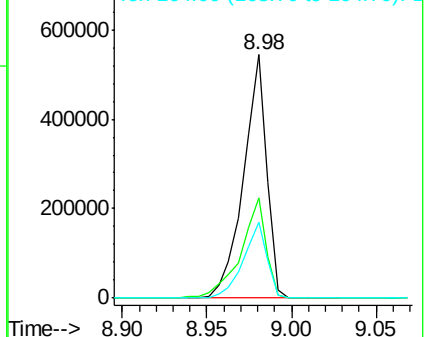
162 100

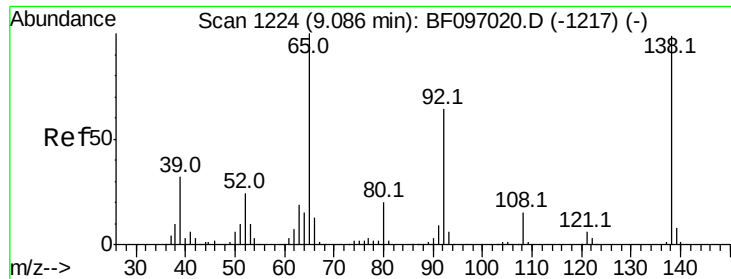
127 41.0 28.3 42.5

164 31.3 27.0 40.4



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

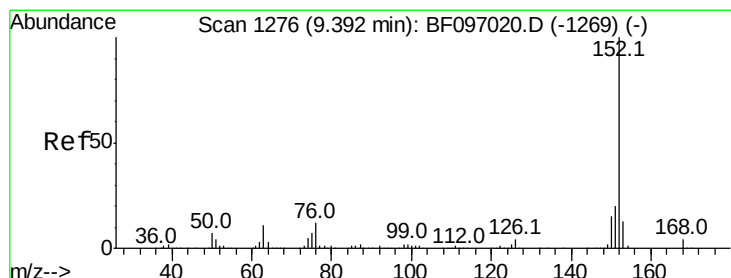
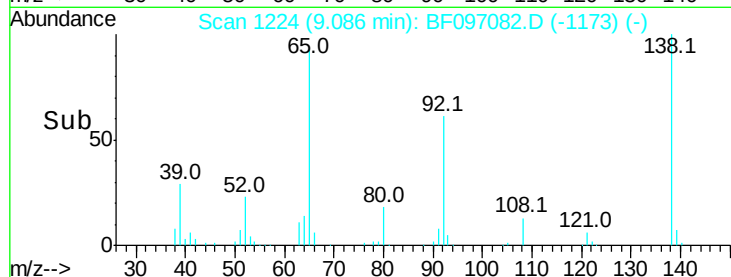
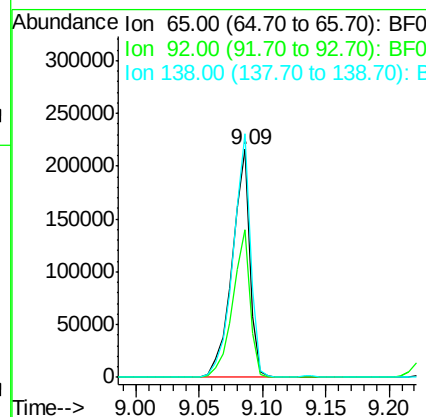
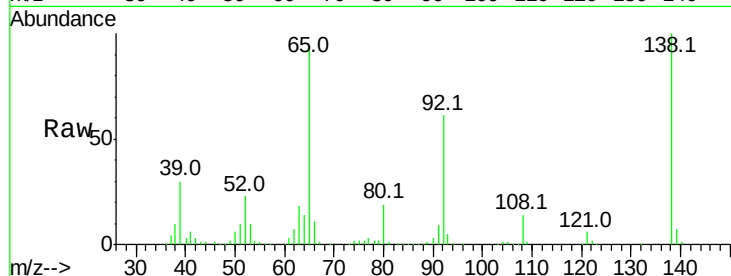




#47
 2-Nitroaniline
 Concen: 43.225 ng
 RT: 9.09 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

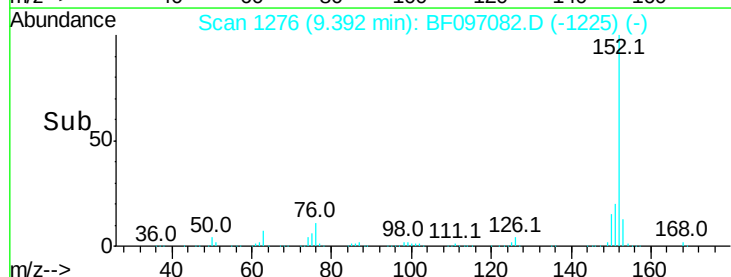
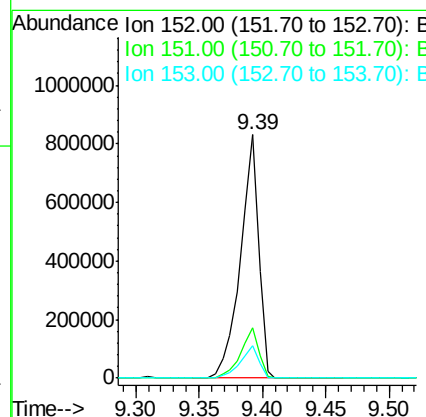
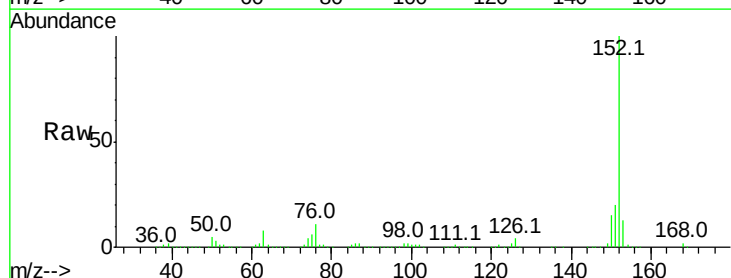
Instrument :
 BNA_F
 ClientSampleID :

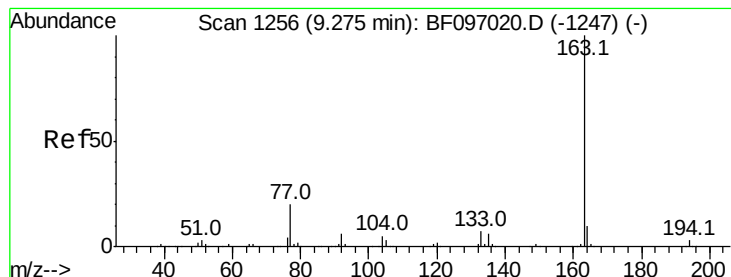
Tot Ion: 65 Resp: 206573
 Ion Ratio Lower Upper
 65 100
 92 64.8 53.9 80.9
 138 106.7 78.8 118.2



#48
 Acenaphthylene
 Concen: 40.643 ng
 RT: 9.39 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion: 152 Resp: 821492
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 41.371 ng

RT: 9.27 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

ClientSampleId :

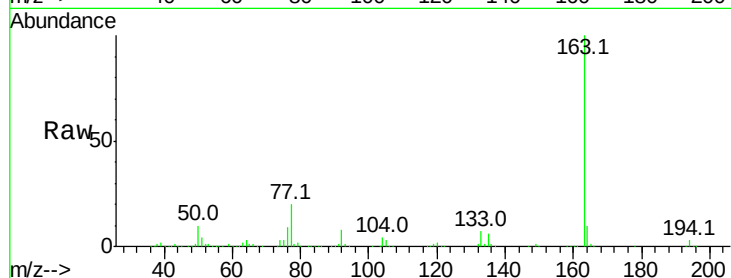
Tot Ion:163 Resp: 658195

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

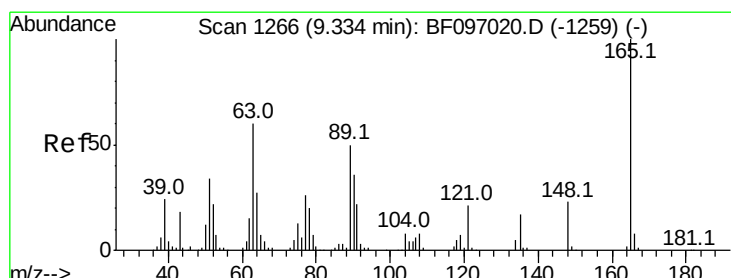
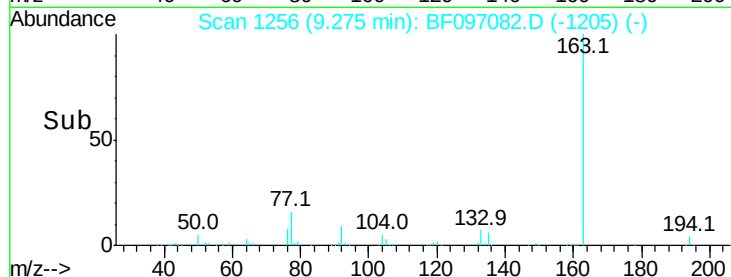
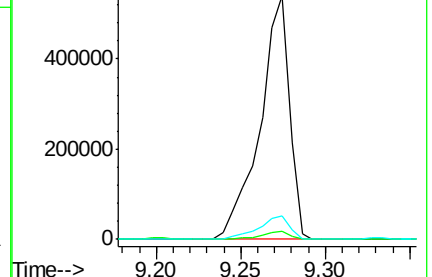
164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.648 ng

RT: 9.33 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

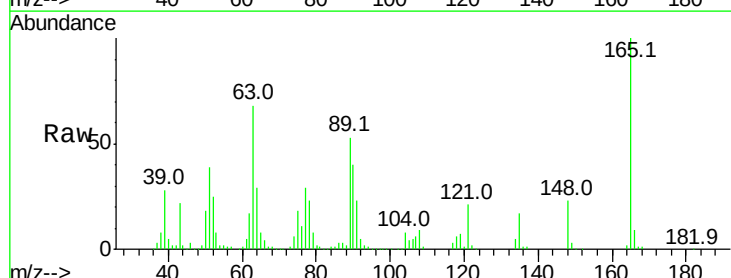
Tgt Ion:165 Resp: 143905

Ion Ratio Lower Upper

165 100

63 67.9 34.3 51.5#

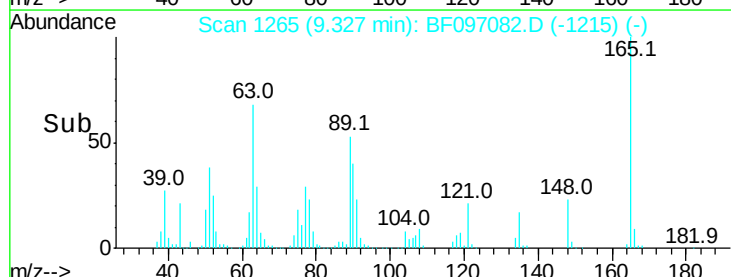
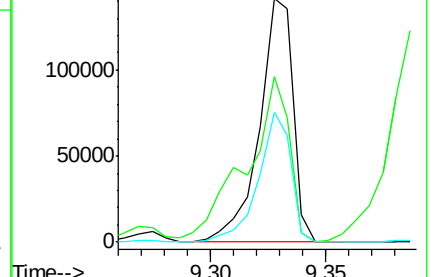
89 53.4 37.1 55.7

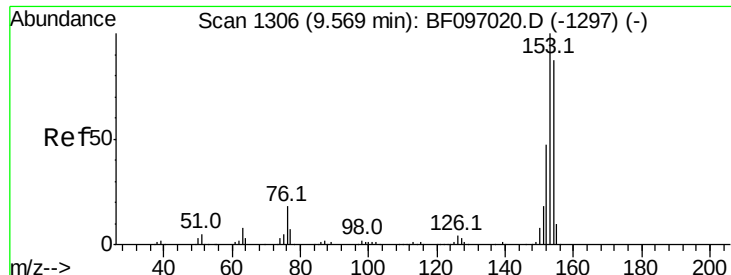


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.489 ng

RT: 9.56 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

ClientSampleId :

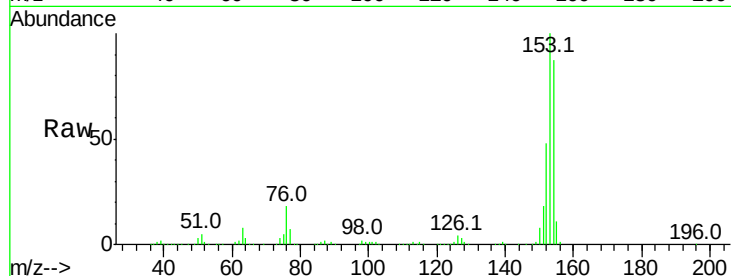
Tot Ion:154 Resp: 482052

Ion Ratio Lower Upper

154 100

153 114.9 90.5 135.7

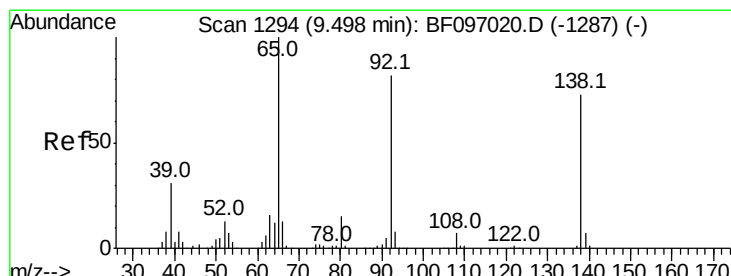
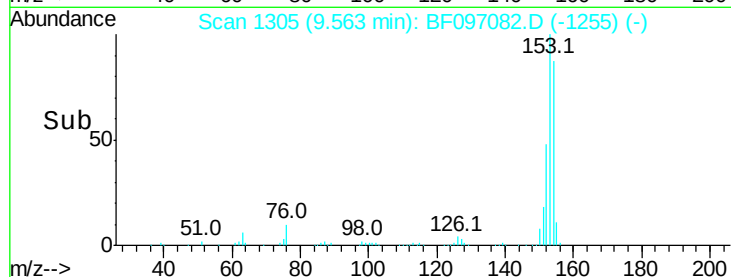
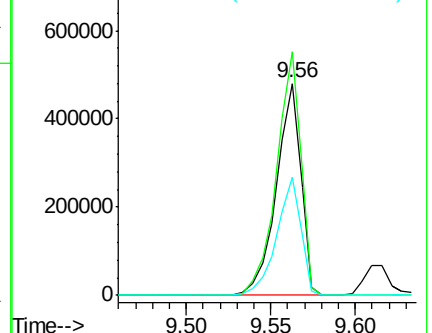
152 55.5 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.688 ng

RT: 9.50 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

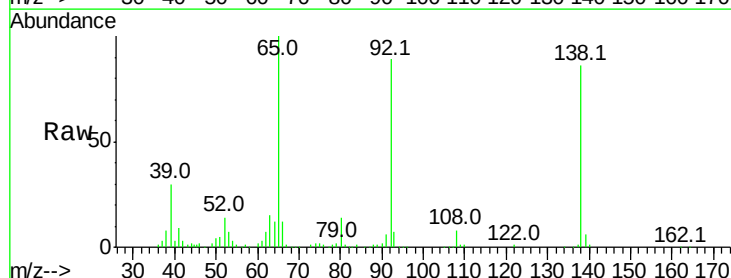
Tgt Ion:138 Resp: 115965

Ion Ratio Lower Upper

138 100

108 9.1 9.1 13.7#

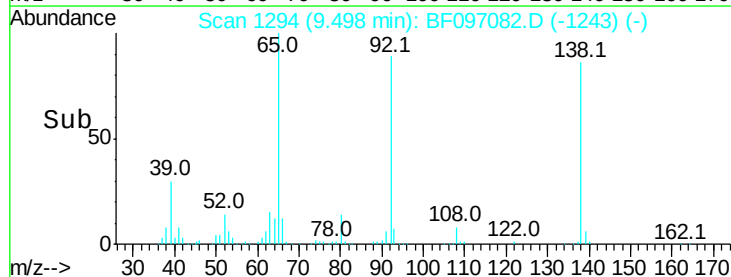
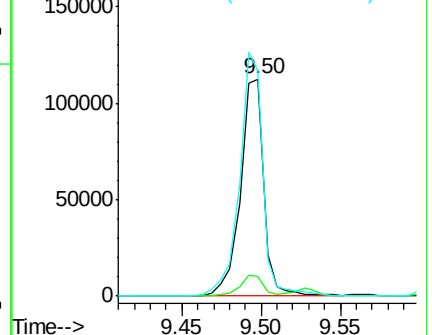
92 104.2 93.8 140.6

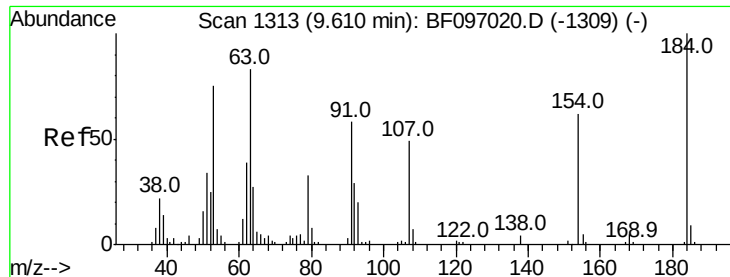


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

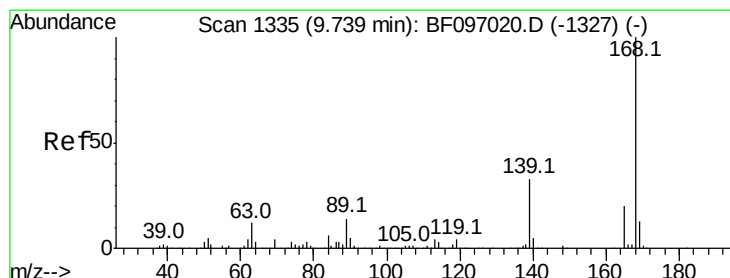
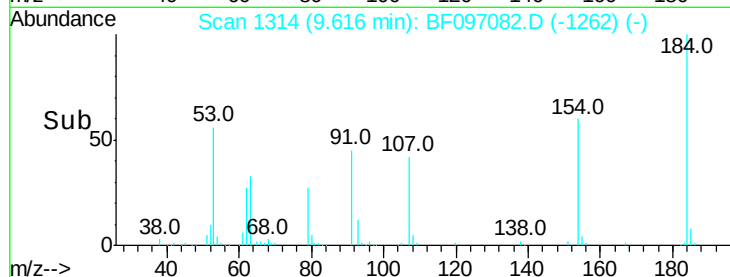
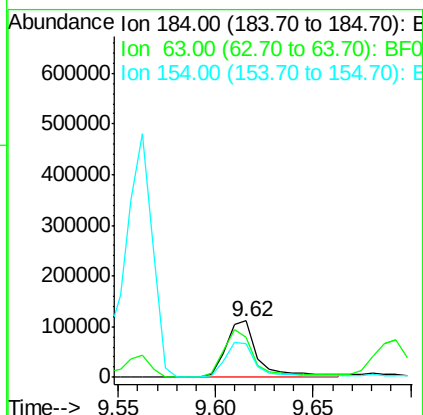
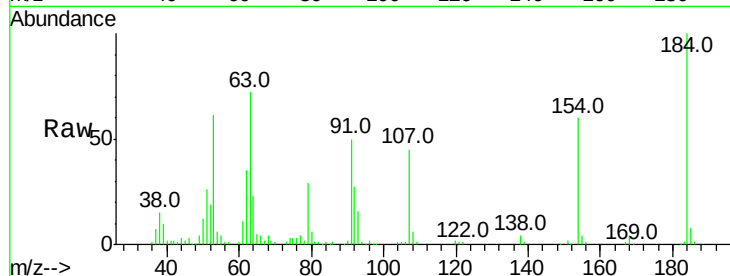




#53
 2,4-Dinitrophenol
 Concen: 82.955 ng
 RT: 9.62 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

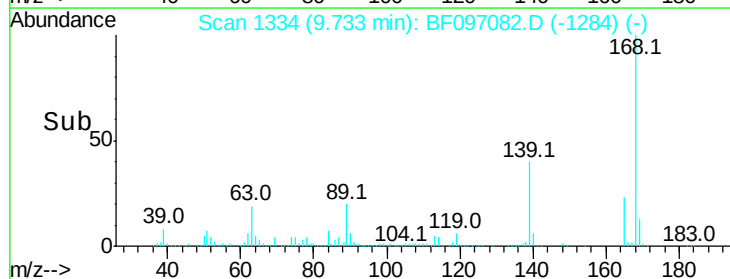
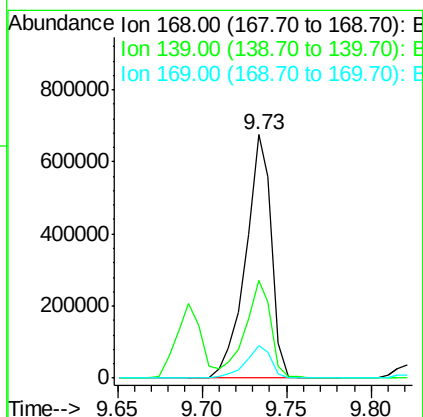
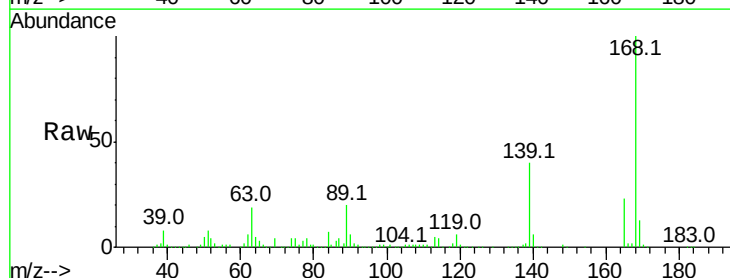
Instrument :
 BNA_F
 ClientSampleId :

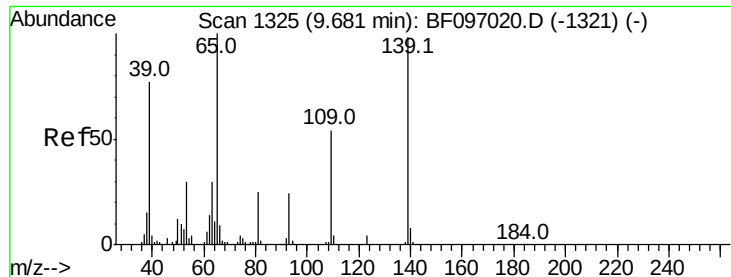
Tot Ion:184 Resp: 127271
 Ion Ratio Lower Upper
 184 100
 63 71.8 62.7 94.1
 154 59.6 81.1 121.7#



#54
 Dibenzofuran
 Concen: 45.144 ng
 RT: 9.73 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion:168 Resp: 715915
 Ion Ratio Lower Upper
 168 100
 139 40.3 30.6 45.8
 169 13.3 10.8 16.2

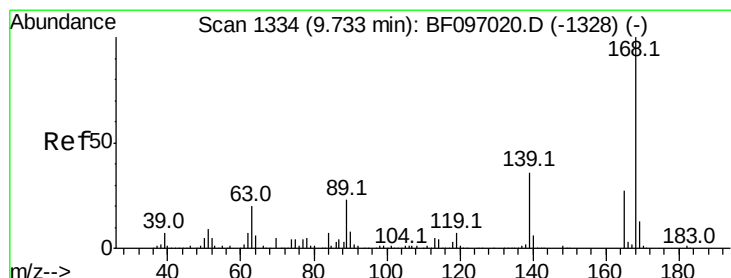
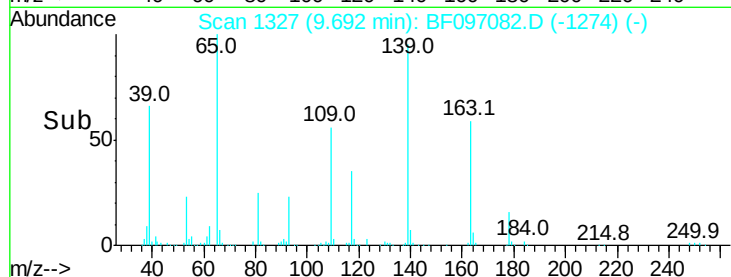
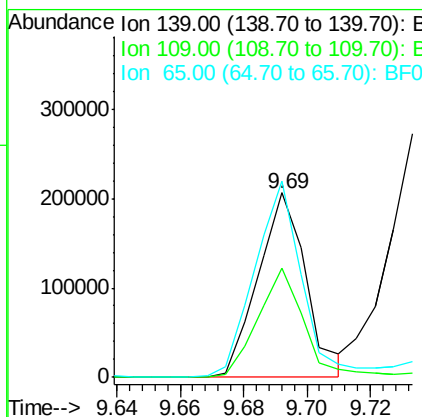
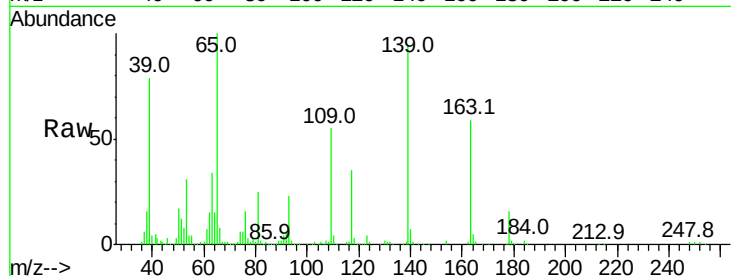




#55
4-Nitrophenol
Concen: 86.845 ng
RT: 9.69 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

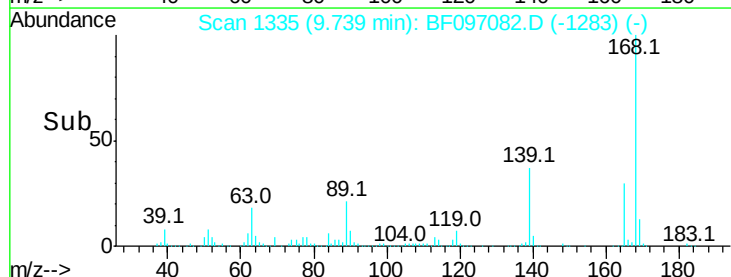
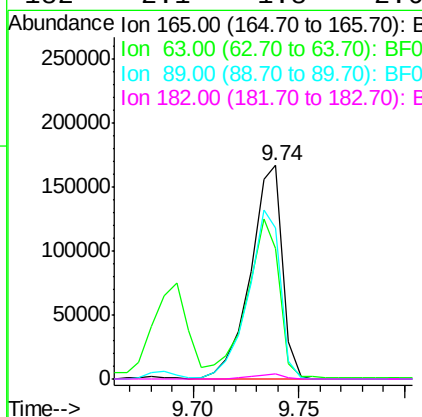
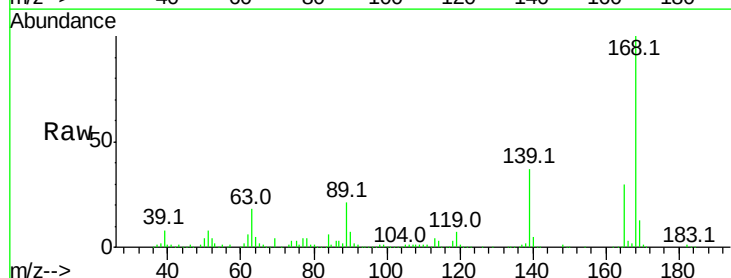
Instrument :
BNA_F
ClientSampleId :

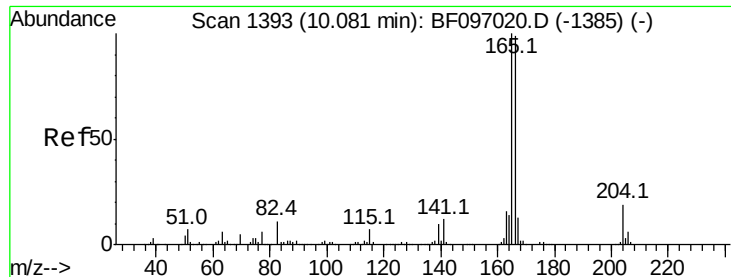
Tot Ion:139 Resp: 216308
Ion Ratio Lower Upper
139 100
109 59.0 34.1 74.1
65 106.8 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 45.136 ng
RT: 9.74 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion:165 Resp: 175082
Ion Ratio Lower Upper
165 100
63 60.9 25.4 38.0#
89 70.6 46.4 69.6#
182 2.1 1.8 2.6





#57

Fluorene

Concen: 44.919 ng

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

ClientSampleId :

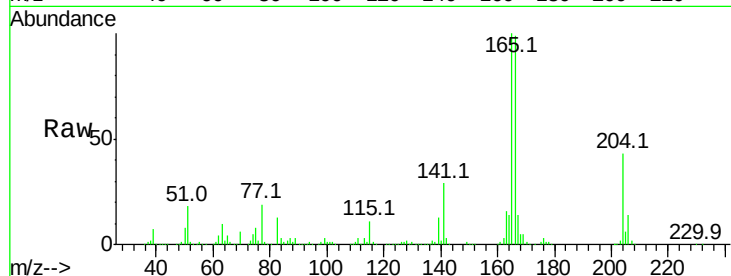
Tot Ion:166 Resp: 535391

Ion Ratio Lower Upper

166 100

165 101.1 78.8 118.2

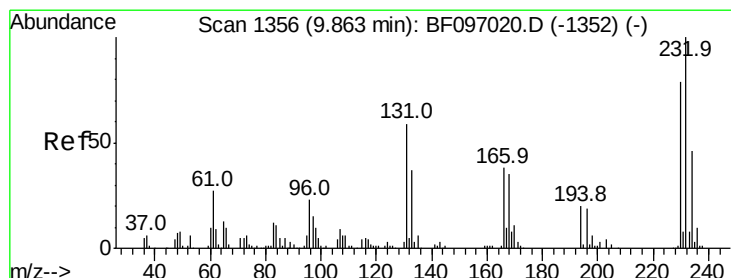
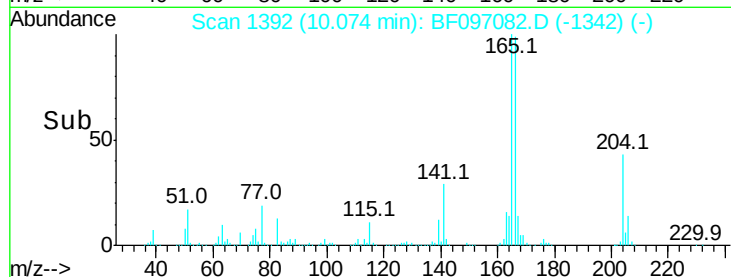
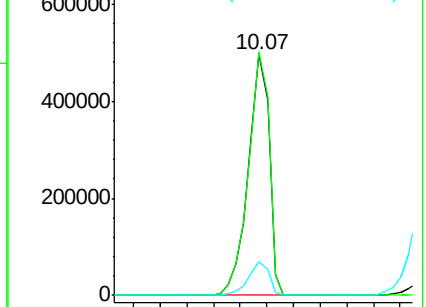
167 13.9 10.6 16.0



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: 47.848 ng

RT: 9.86 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Tgt Ion:232 Resp: 133958

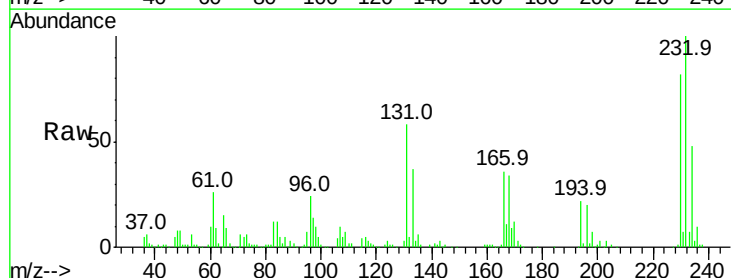
Ion Ratio Lower Upper

232 100

131 53.4 44.8 67.2

130 2.6 2.3 3.5

166 33.1 29.0 43.4

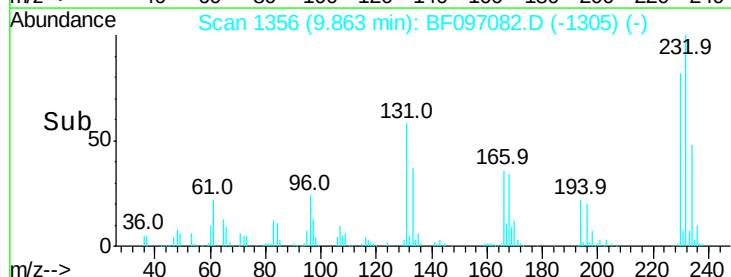
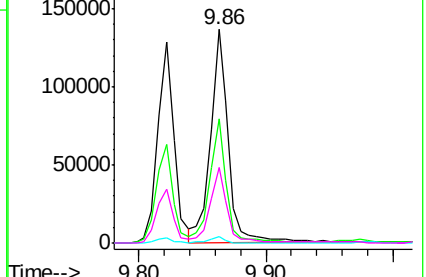


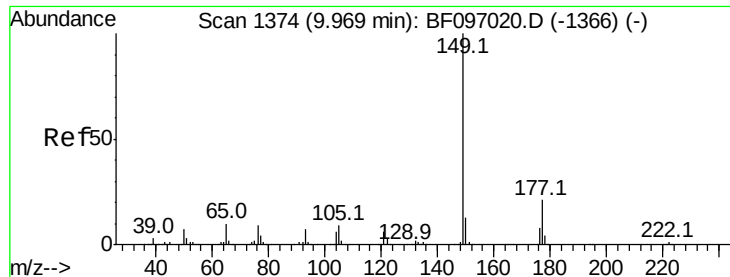
Abundance Ion 232.00 (231.70 to 232.70): E

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

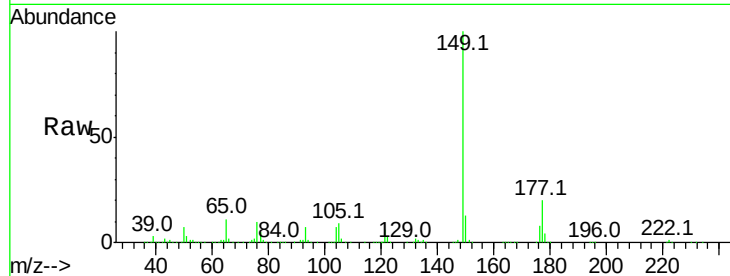




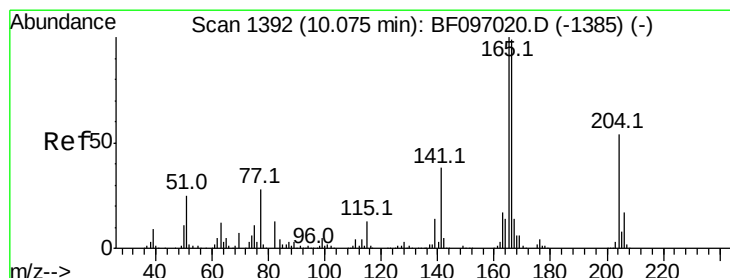
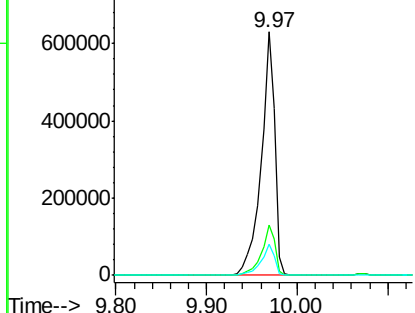
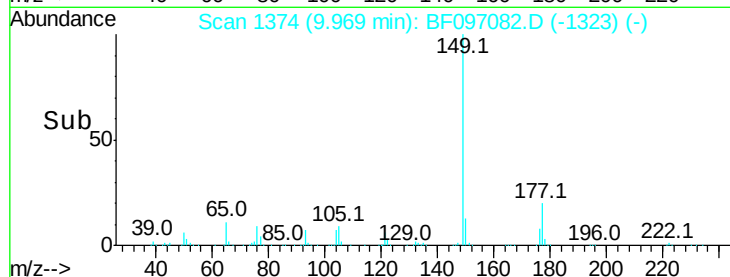
#59
Diethylphthalate
Concen: 44.839 ng
RT: 9.97 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 654458
Ion Ratio Lower Upper
149 100
177 20.5 16.7 25.1
150 12.8 10.2 15.2

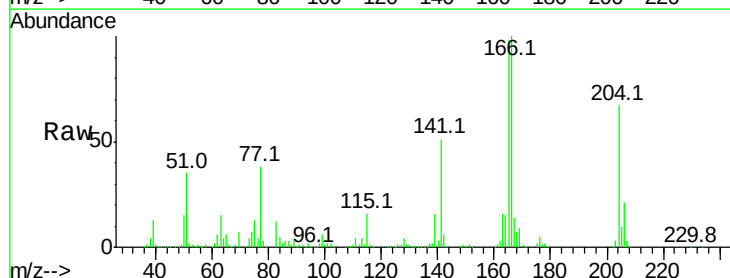


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

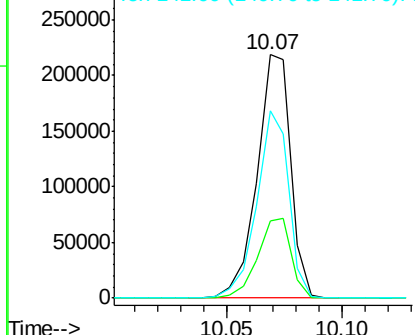
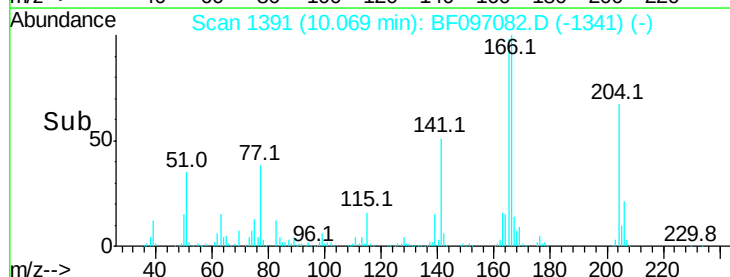


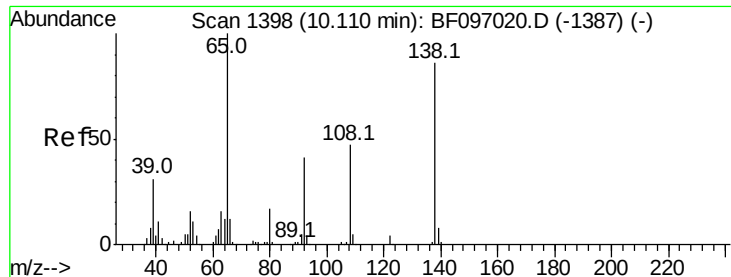
#60
4-Chlorophenyl-phenylether
Concen: 45.144 ng
RT: 10.07 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion:204 Resp: 222192
Ion Ratio Lower Upper
204 100
206 31.9 26.2 39.2
141 77.1 60.8 91.2



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

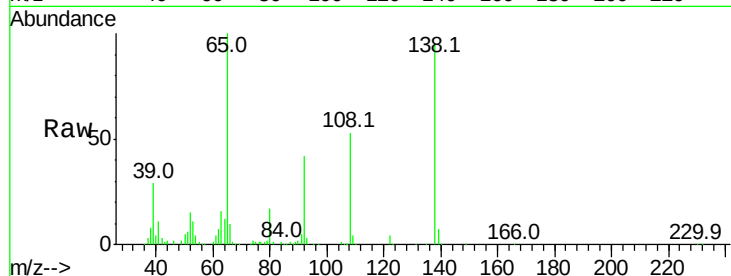




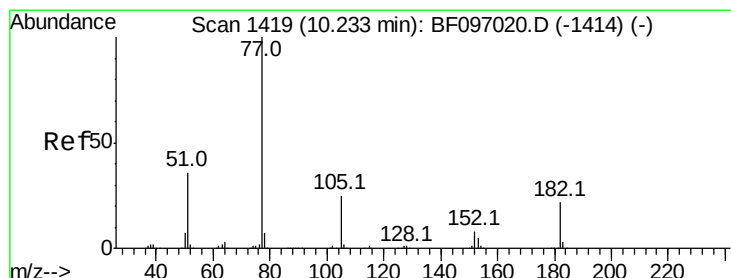
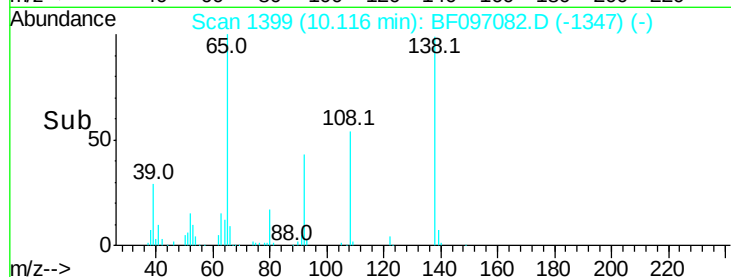
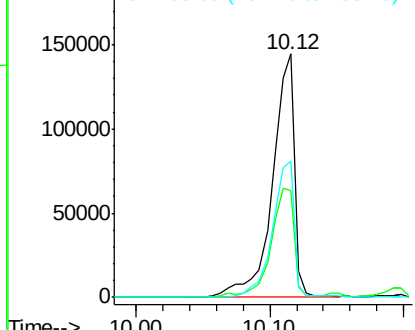
#61
4-Nitroaniline
Concen: 42.053 ng
RT: 10.12 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 167356
Ion Ratio Lower Upper
138 100
92 43.9 21.8 61.8
108 55.8 42.3 82.3

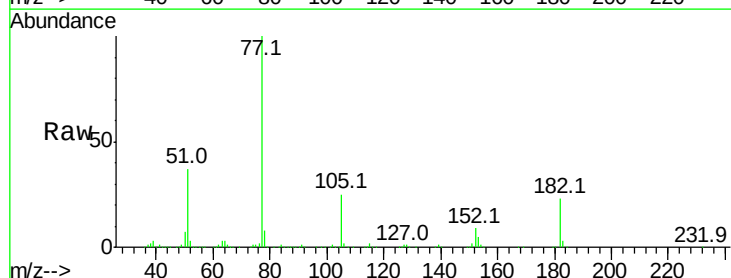


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

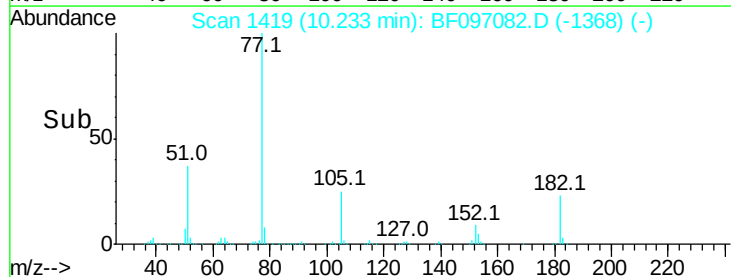
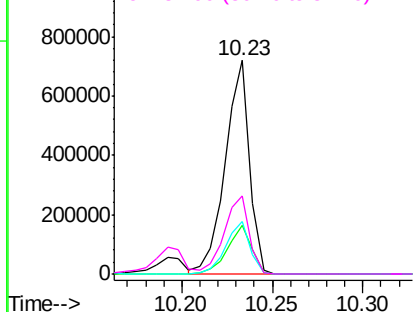


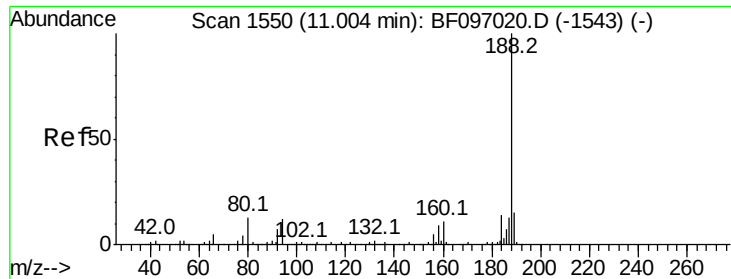
#62
Azobenzene
Concen: 49.485 ng
RT: 10.23 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion: 77 Resp: 670046
Ion Ratio Lower Upper
77 100
182 22.7 0.1 40.1
105 24.7 3.6 43.6
51 36.9 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

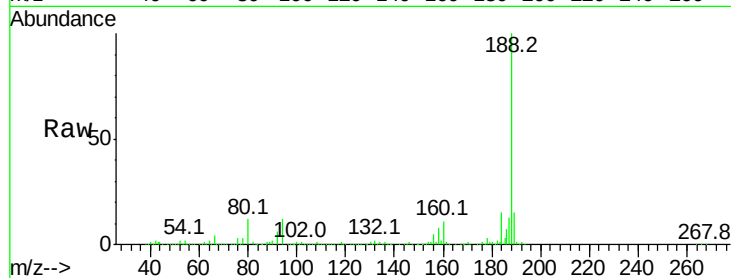




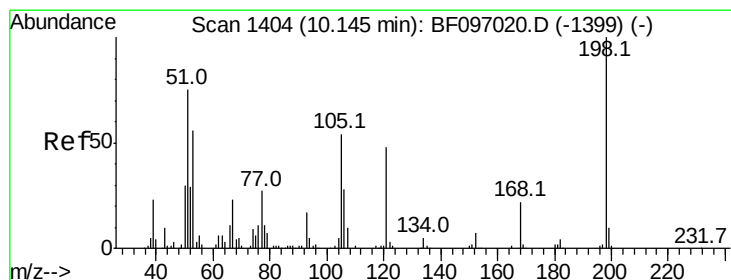
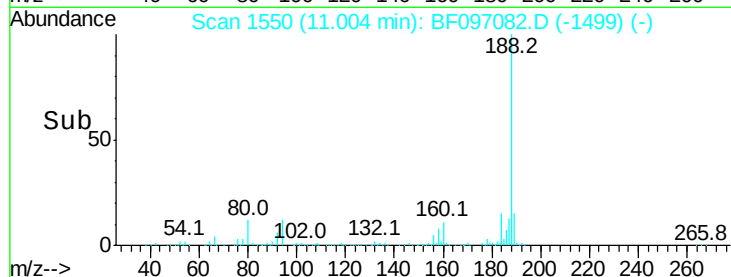
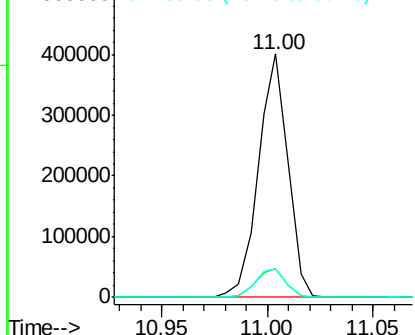
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 389367
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 11.7 10.2 15.2

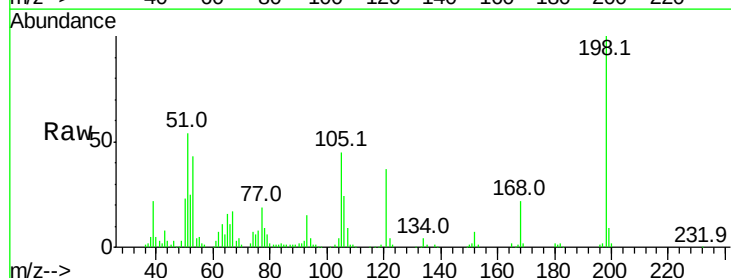


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

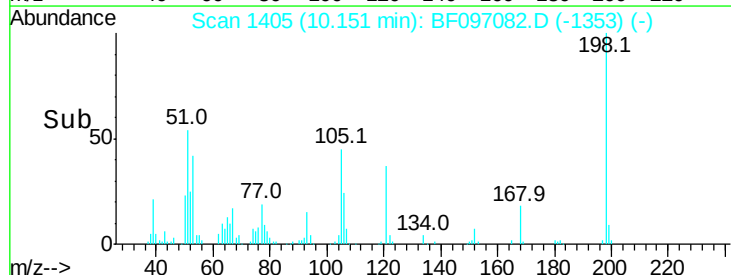
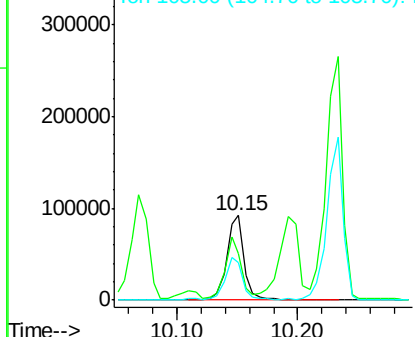


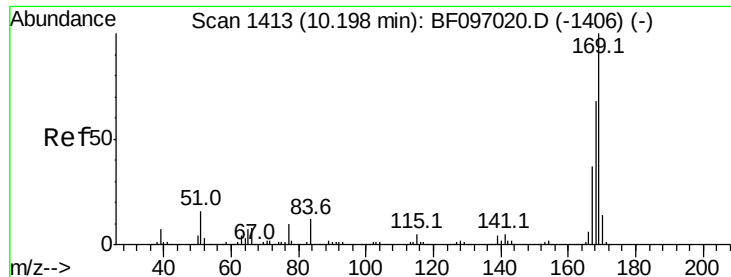
#64
4,6-Dinitro-2-methylphenol
Concen: 37.803 ng
RT: 10.15 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion:198 Resp: 91464
Ion Ratio Lower Upper
198 100
51 54.4 53.2 93.2
105 45.0 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

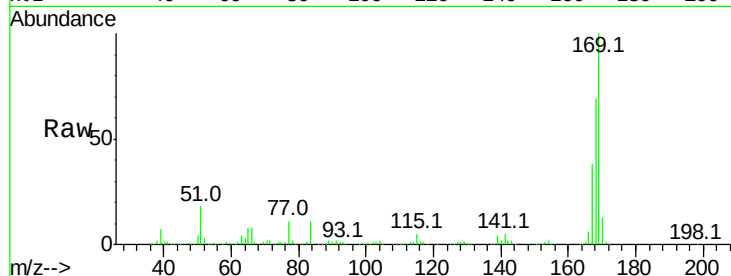




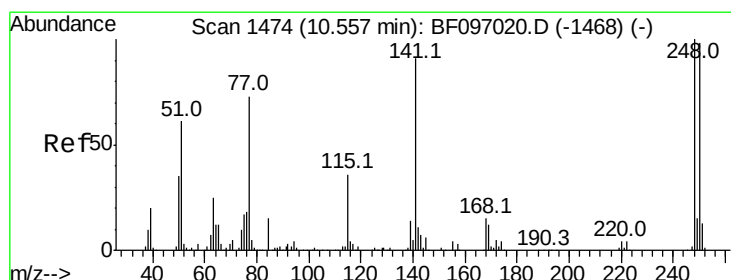
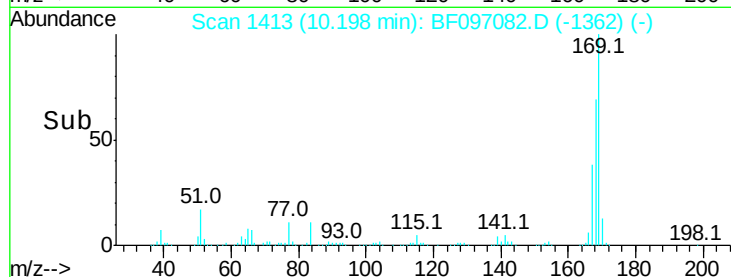
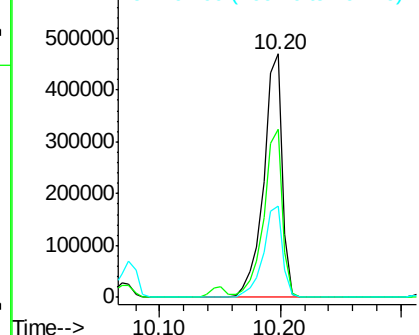
#65
 n-Nitrosodiphenylamine
 Concen: 37.188 ng
 RT: 10.20 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 503812
 Ion Ratio Lower Upper
 169 100
 168 69.2 53.2 79.8
 167 37.7 29.5 44.3

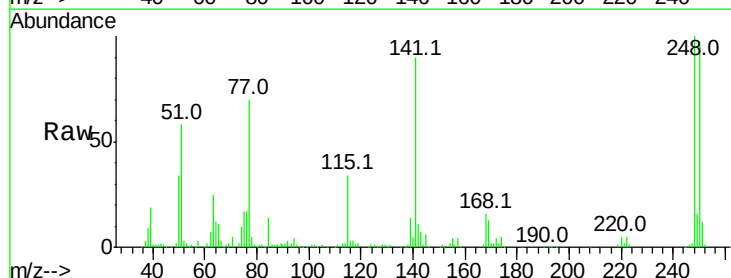


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

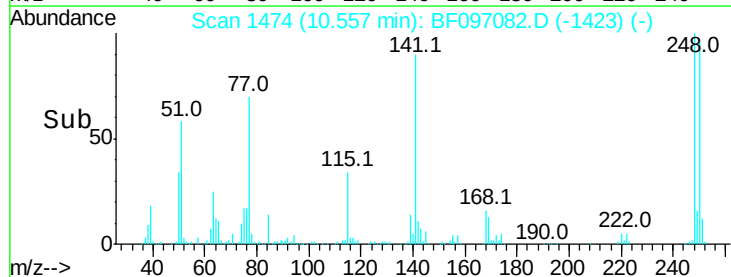
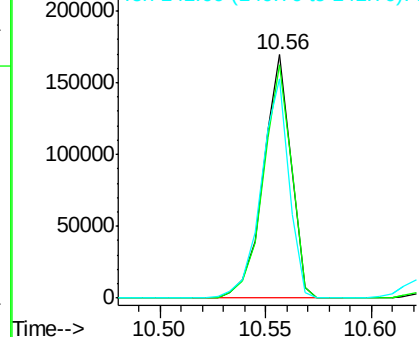


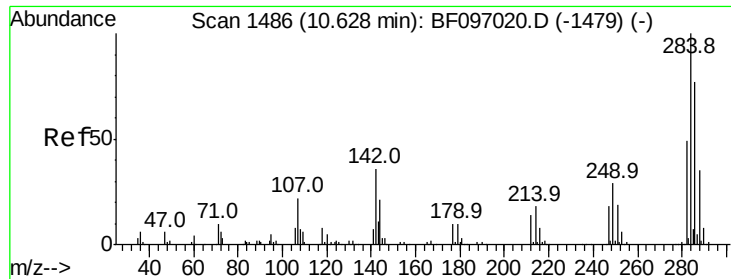
#66
 4-Bromophenyl-phenylether
 Concen: 39.835 ng
 RT: 10.56 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion:248 Resp: 154788
 Ion Ratio Lower Upper
 248 100
 250 95.9 76.8 115.2
 141 90.1 68.6 103.0



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





#67

Hexachlorobenzene

Concen: 36.386 ng

RT: 10.62 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

ClientSampleId :

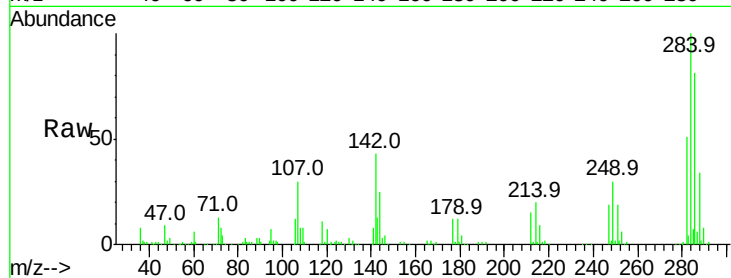
Tot Ion:284 Resp: 158553

Ion Ratio Lower Upper

284 100

142 43.5 22.8 34.2#

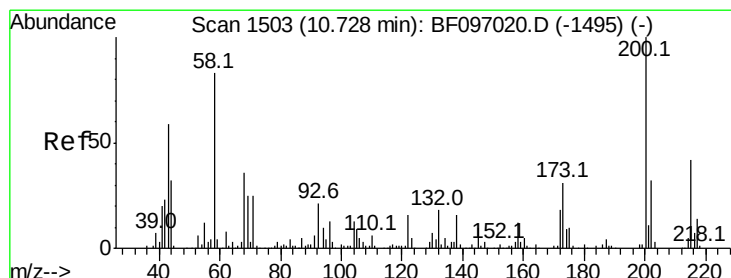
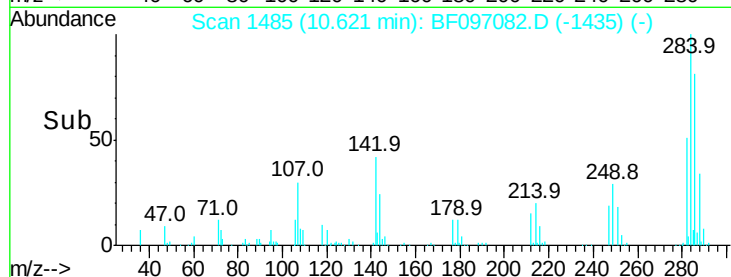
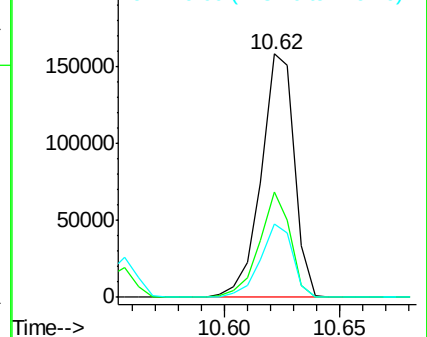
249 30.0 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.465 ng

RT: 10.73 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

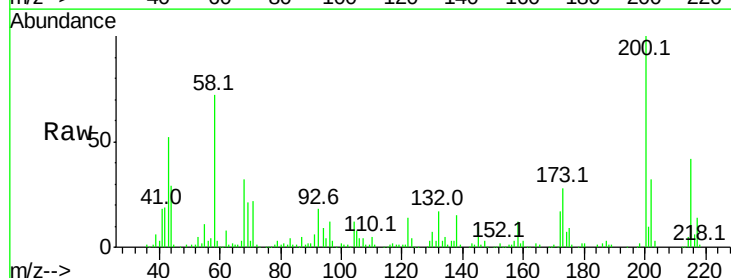
Tgt Ion:200 Resp: 153316

Ion Ratio Lower Upper

200 100

173 28.4 6.3 46.3

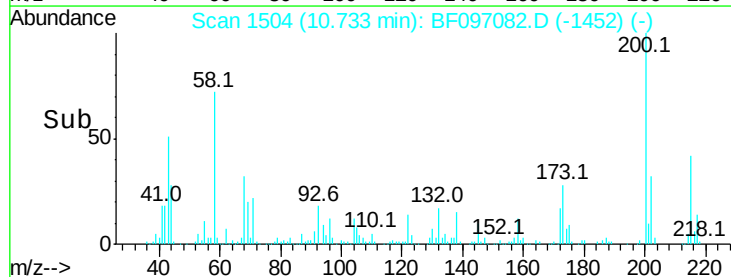
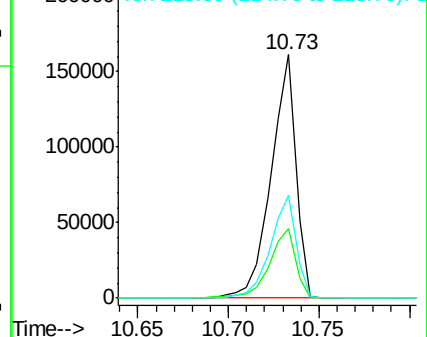
215 42.4 27.2 67.2

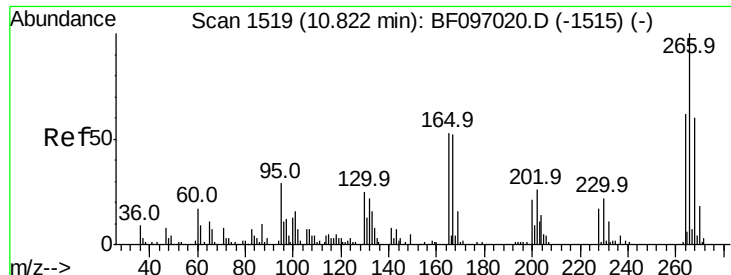


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

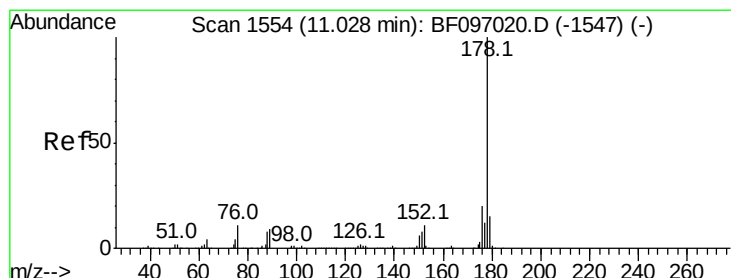
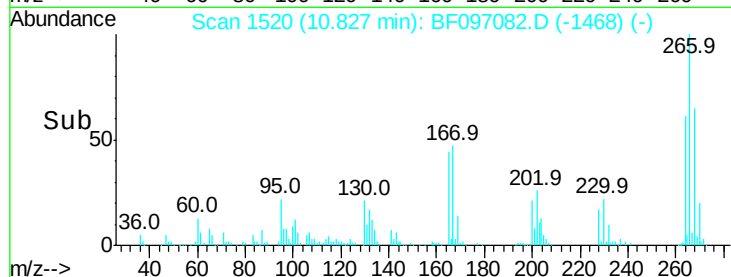
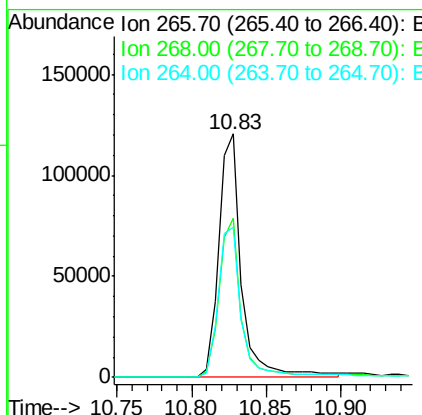
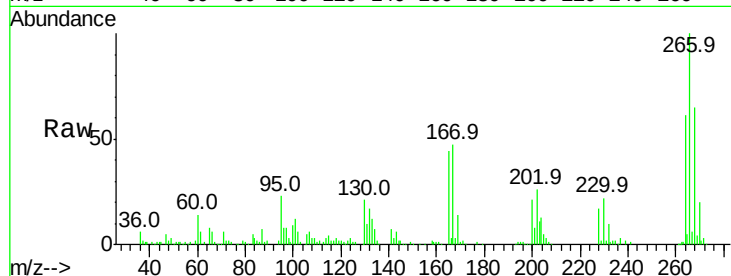




#69
 Pentachlorophenol
 Concen: 71.836 ng
 RT: 10.83 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

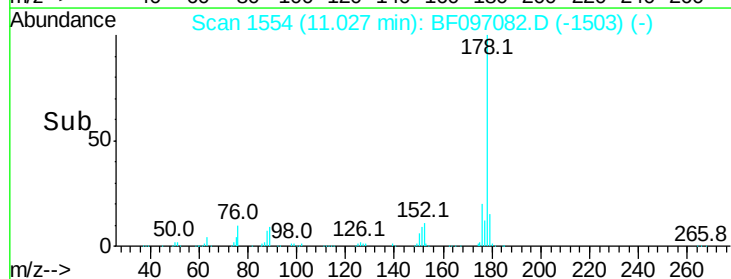
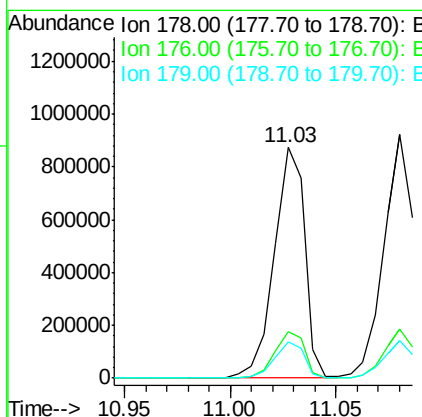
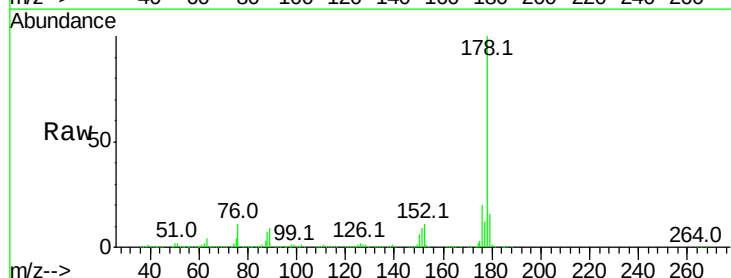
Instrument :
 BNA_F
 ClientSampleId :

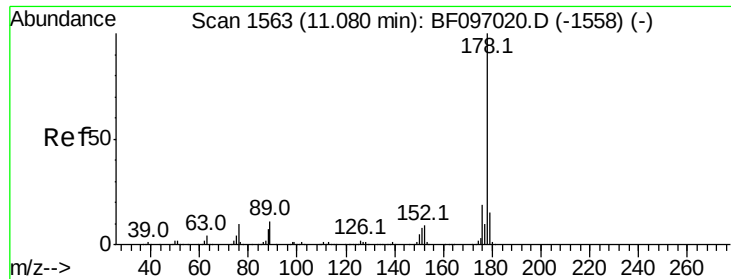
Tot Ion:266 Resp: 129515
 Ion Ratio Lower Upper
 266 100
 268 65.4 51.1 76.7
 264 61.5 51.7 77.5



#70
 Phenanthrene
 Concen: 42.116 ng
 RT: 11.03 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion:178 Resp: 878645
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 15.7 12.6 19.0

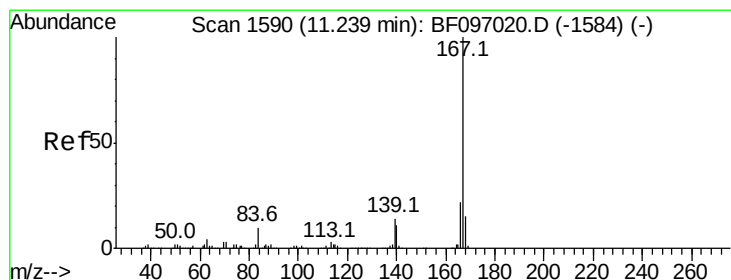
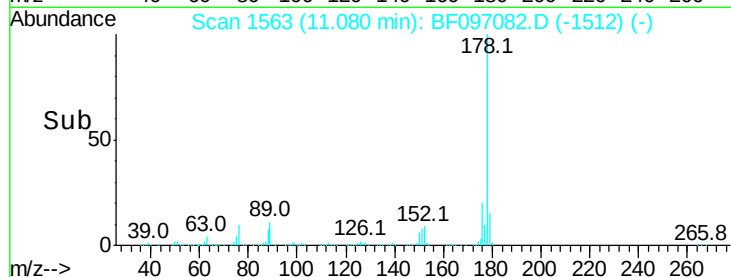
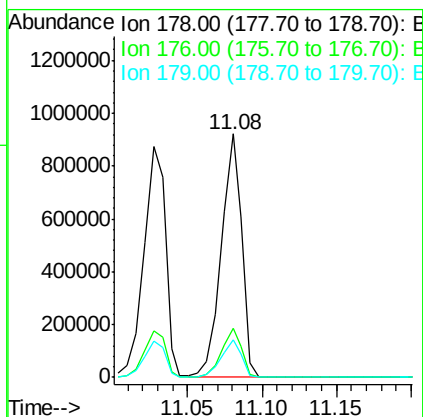
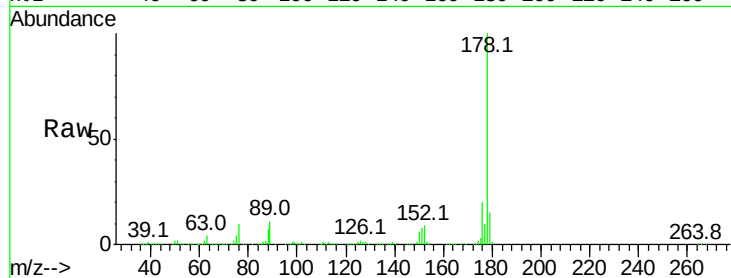




#71
 Anthracene
 Concen: 41.957 ng
 RT: 11.08 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

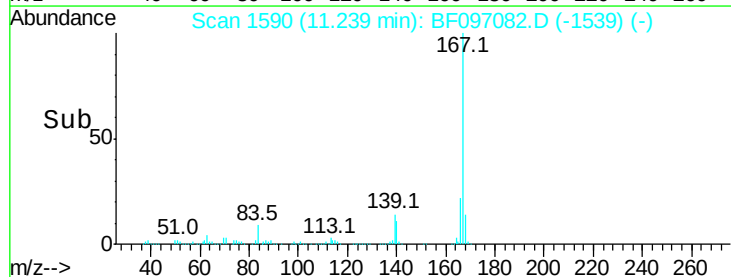
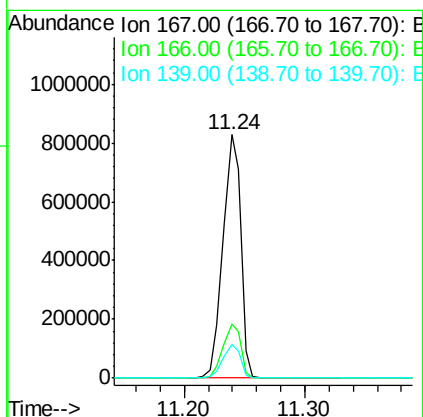
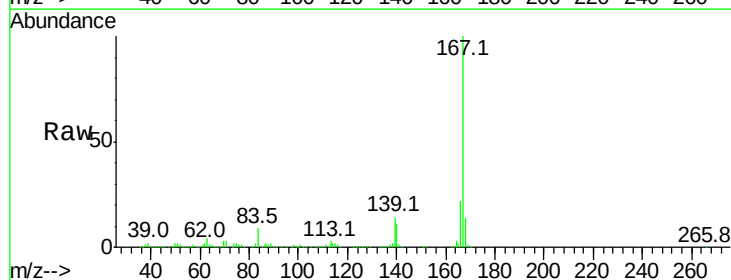
Instrument :
 BNA_F
 ClientSampleId :

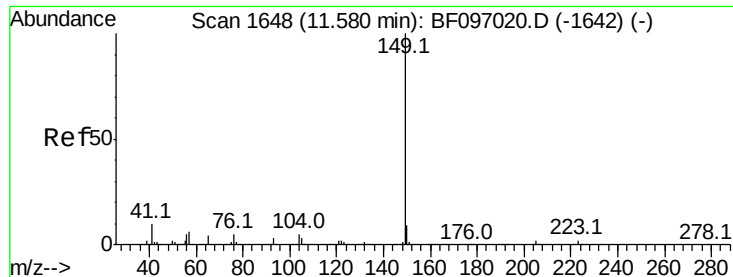
Tot Ion:178 Resp: 896530
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 40.128 ng
 RT: 11.24 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion:167 Resp: 843266
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 14.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 38.107 ng

RT: 11.59 min Scan# 1649

Delta R.T. 0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

ClientSampleId :

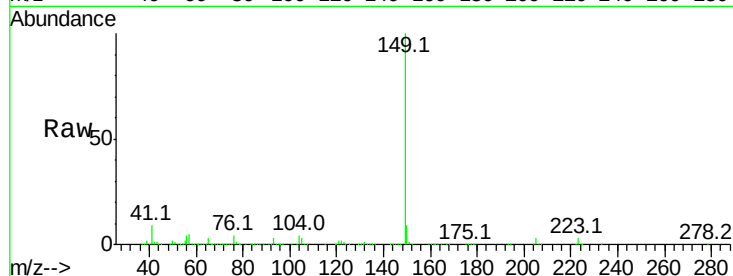
Tot Ion:149 Resp: 989885

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

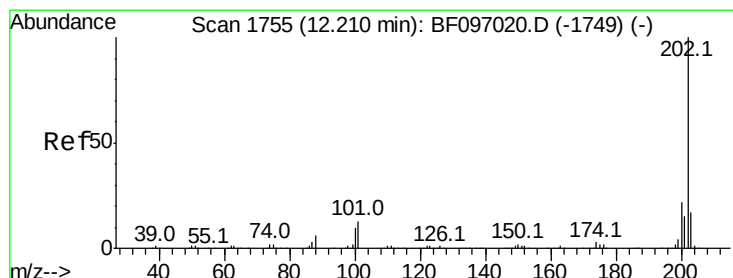
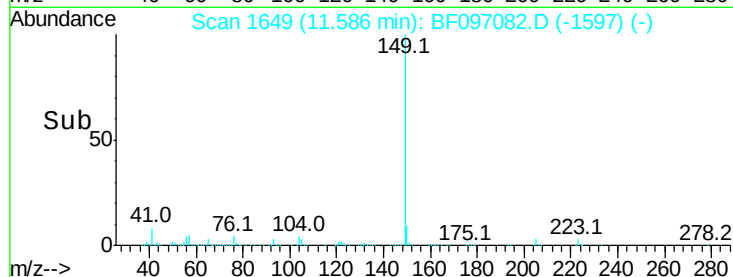
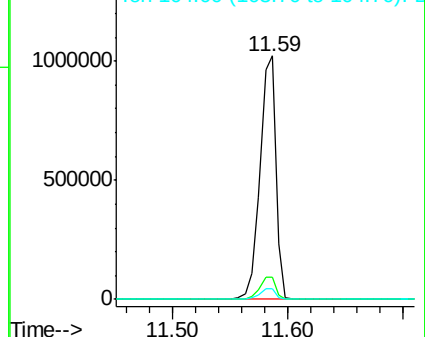
104 4.1 4.0 6.0



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: 39.205 ng

RT: 12.21 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

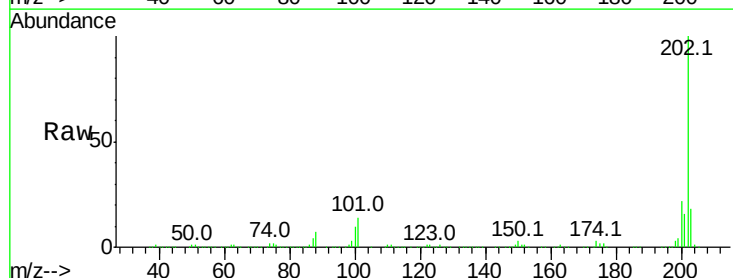
Tgt Ion:202 Resp: 801273

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

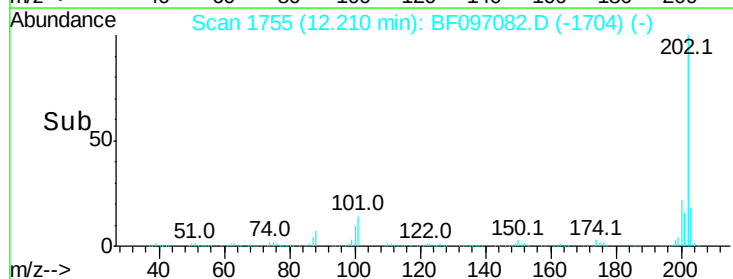
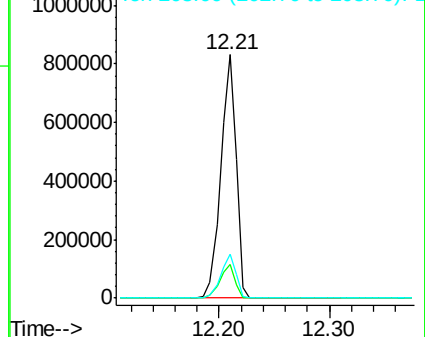
203 18.0 0.0 38.1

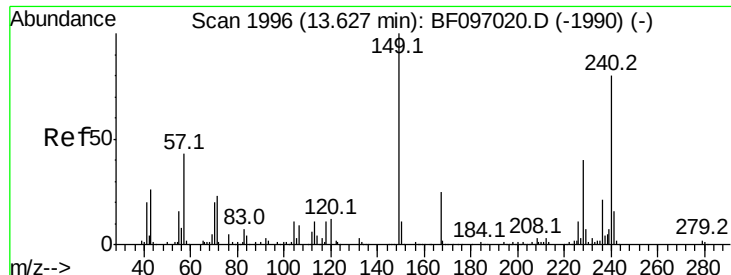


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.63 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

ClientSampleId :

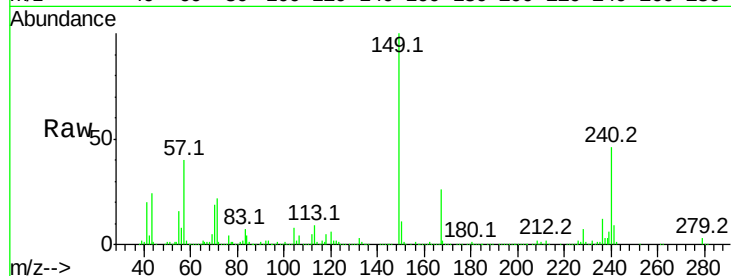
Tot Ion:240 Resp: 216709

Ion Ratio Lower Upper

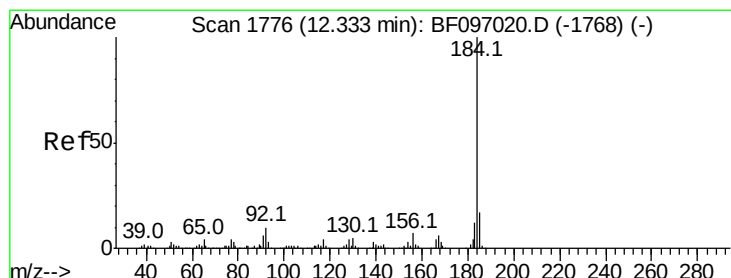
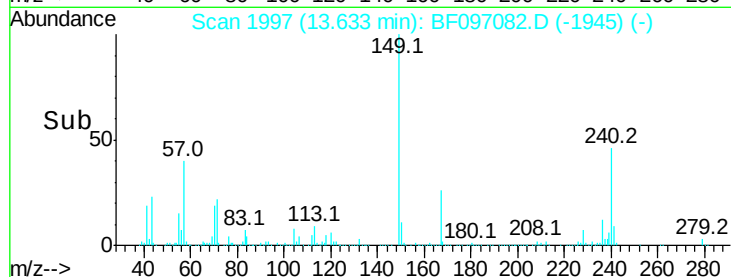
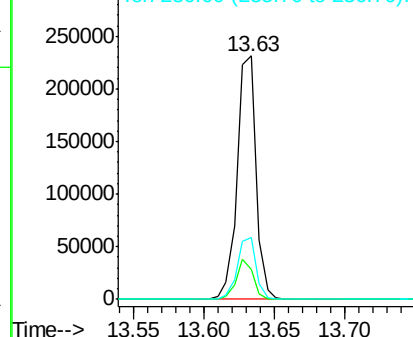
240 100

120 12.1 5.8 8.8#

236 25.3 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: 31.726 ng

RT: 12.33 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

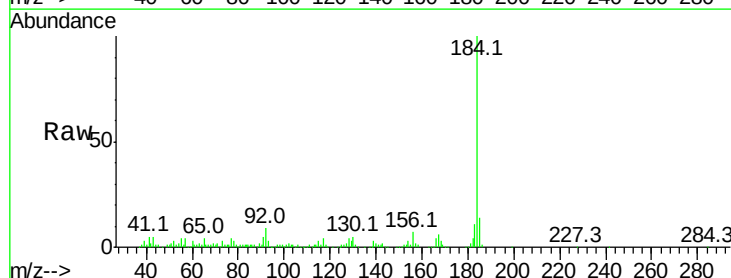
Tgt Ion:184 Resp: 255108

Ion Ratio Lower Upper

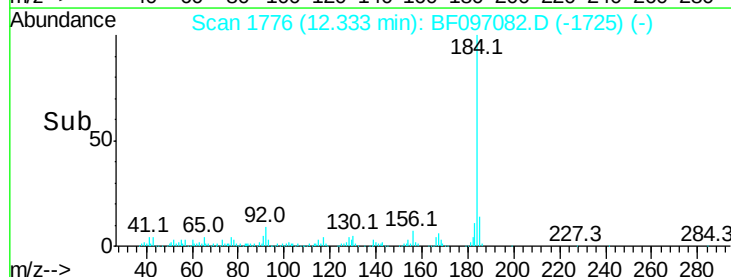
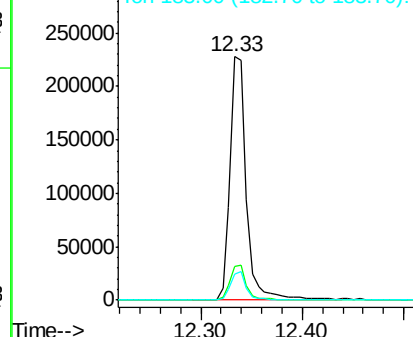
184 100

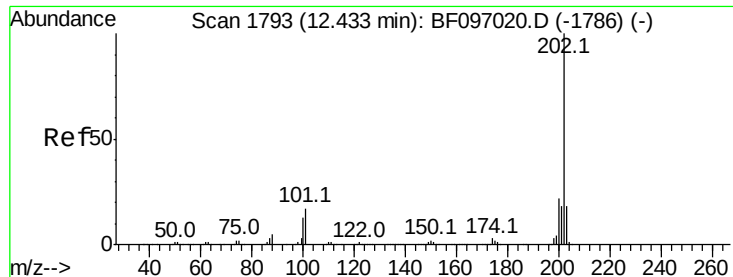
185 13.6 15.5 23.3#

183 10.8 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: 44.272 ng

RT: 12.43 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

ClientSampleId :

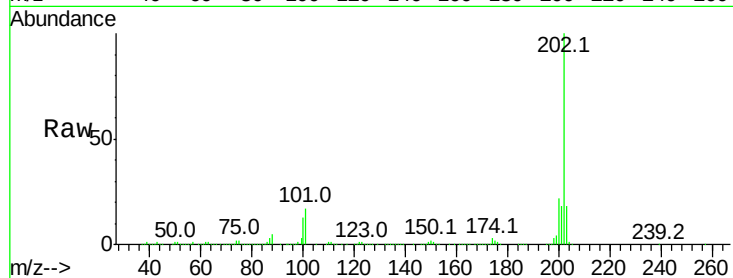
Tot Ion:202 Resp: 785436

Ion Ratio Lower Upper

202 100

200 22.4 17.6 26.4

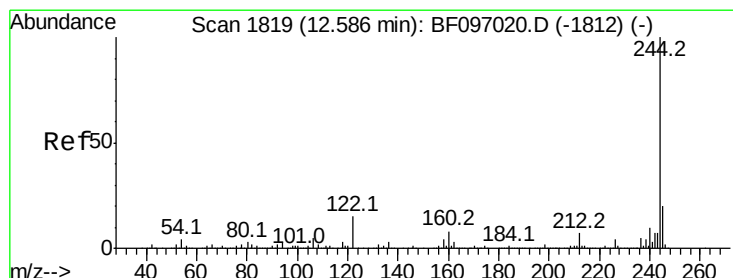
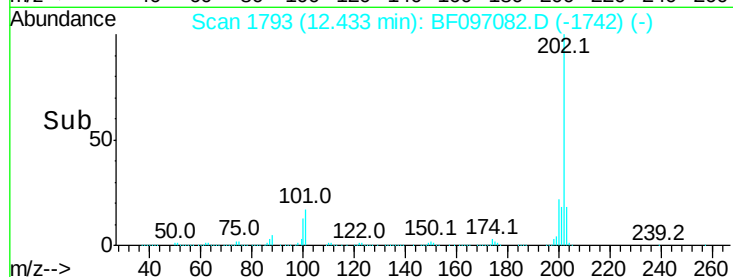
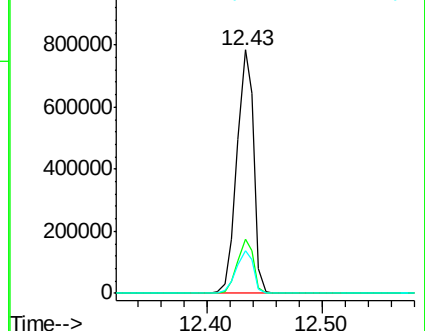
203 17.7 14.4 21.6



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: 85.053 ng

RT: 12.59 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

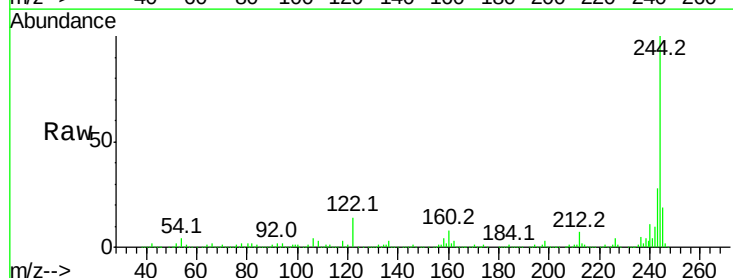
Tgt Ion:244 Resp: 904028

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

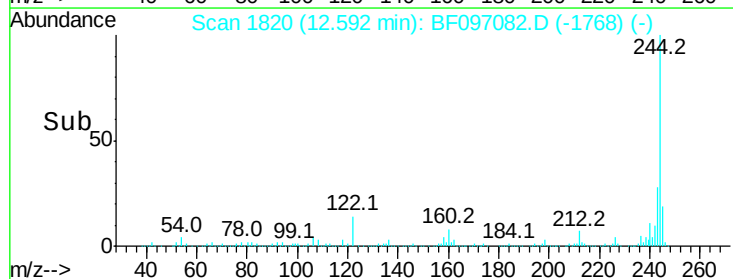
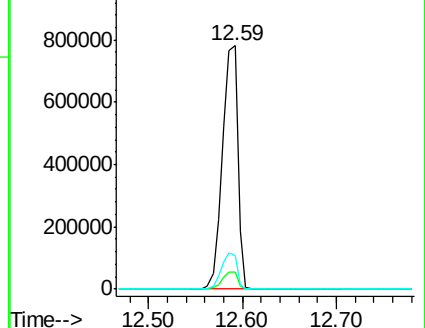
122 13.7 10.3 15.5

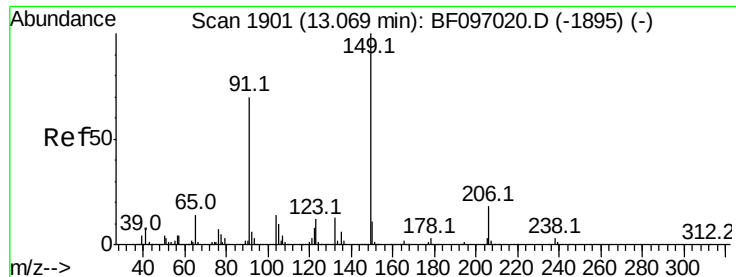


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.136 ng

RT: 13.07 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

ClientSampleId :

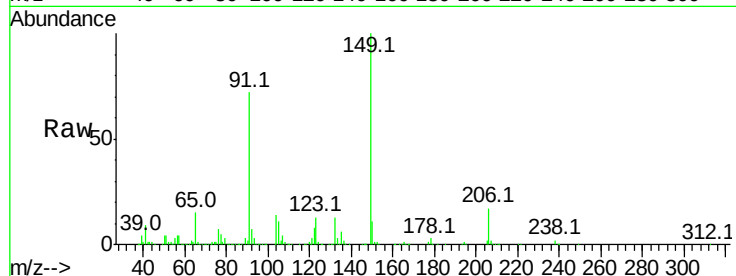
Tot Ion:149 Resp: 398304

Ion Ratio Lower Upper

149 100

91 72.2 45.0 67.4#

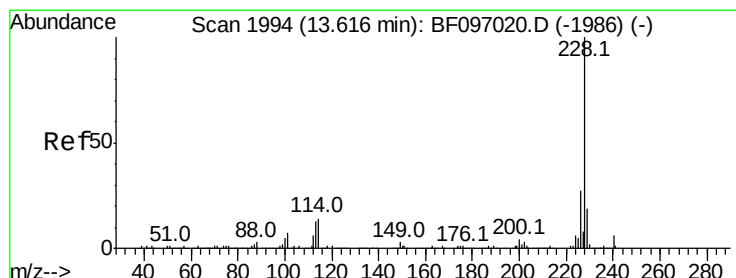
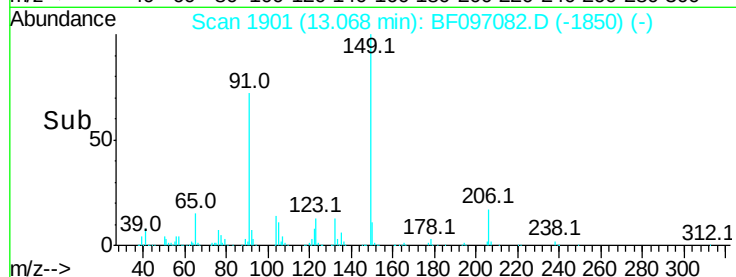
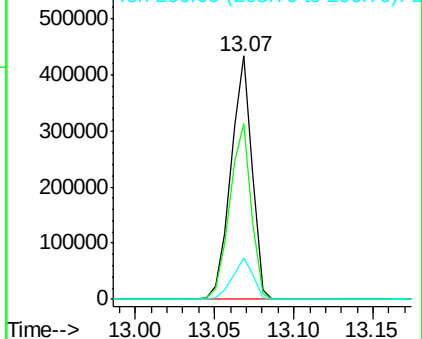
206 17.2 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.495 ng

RT: 13.62 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

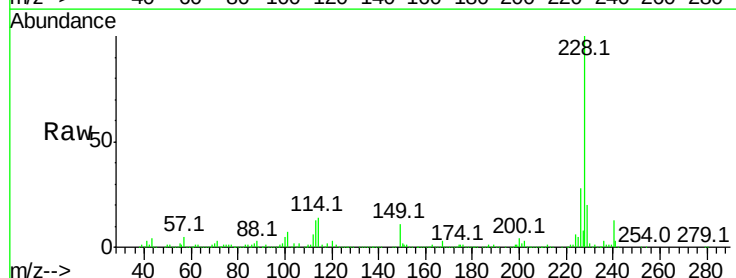
Tgt Ion:228 Resp: 609888

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

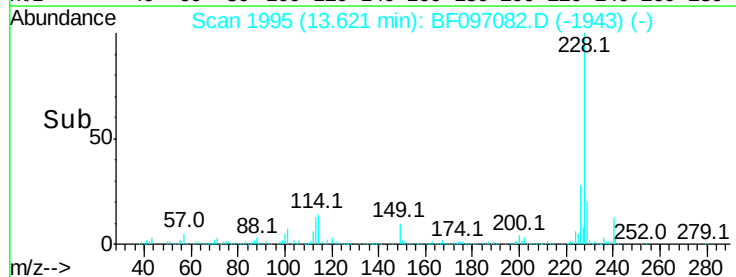
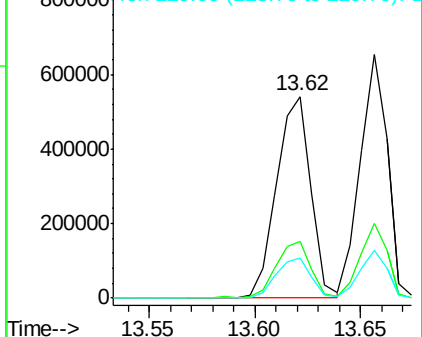
229 19.8 16.3 24.5

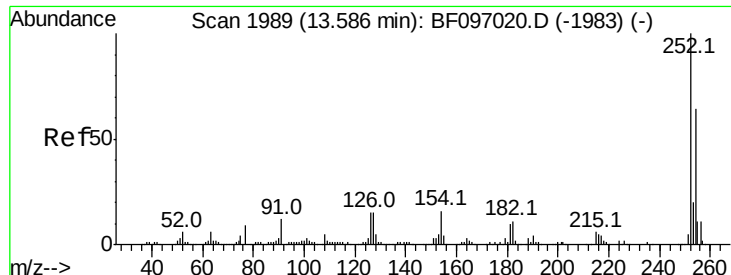


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

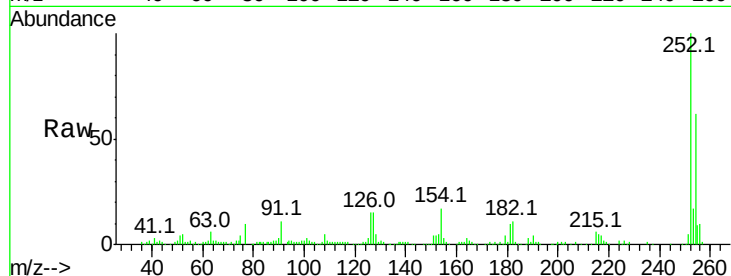




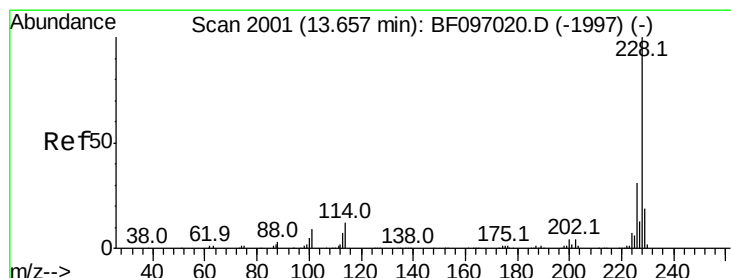
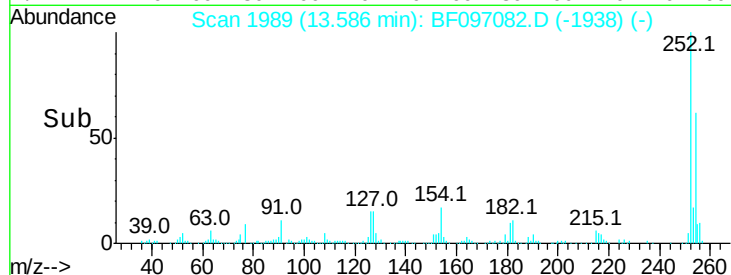
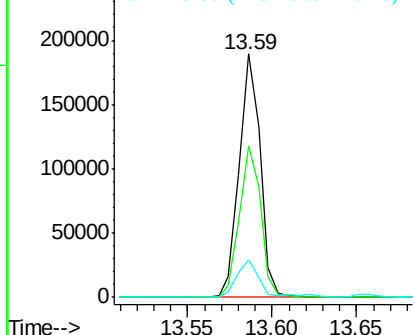
#81
 3,3'-Dichlorobenzidine
 Concen: 31.201 ng
 RT: 13.59 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.3	51.5	77.3
126	15.4	15.8	23.8#

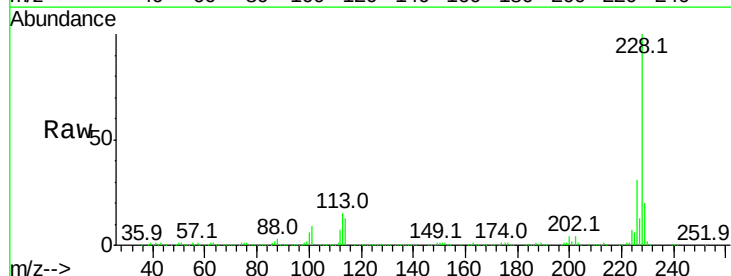


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

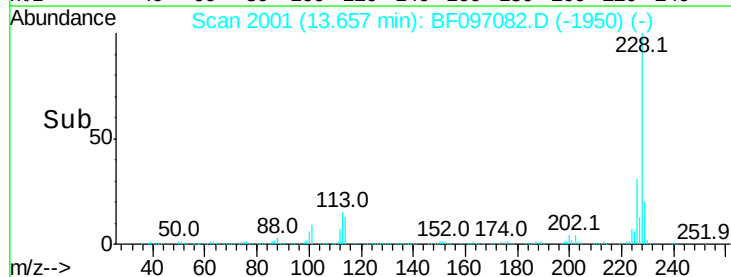
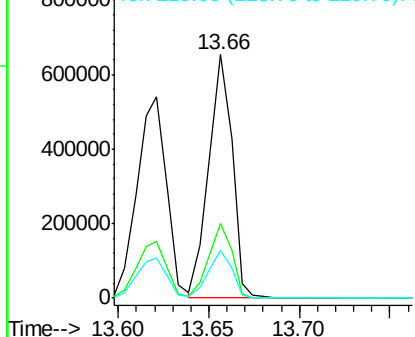


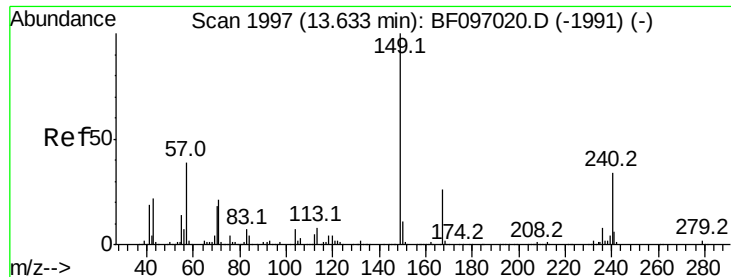
#82
 Chrysene
 Concen: 43.115 ng
 RT: 13.66 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	19.8	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

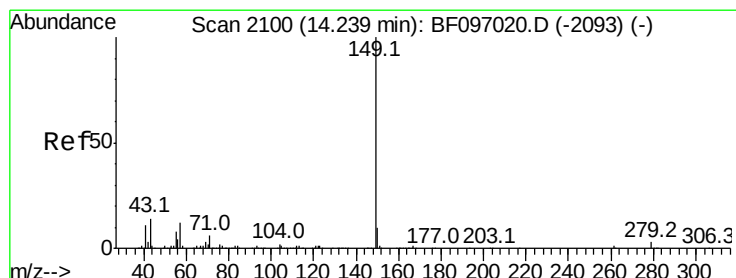
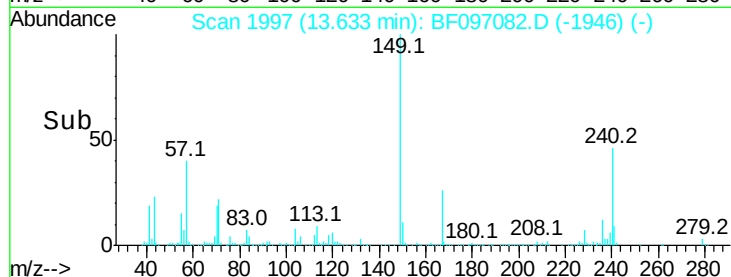
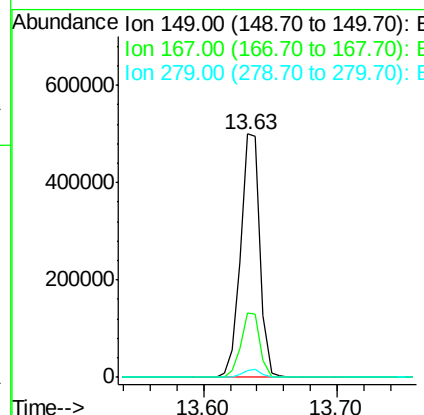
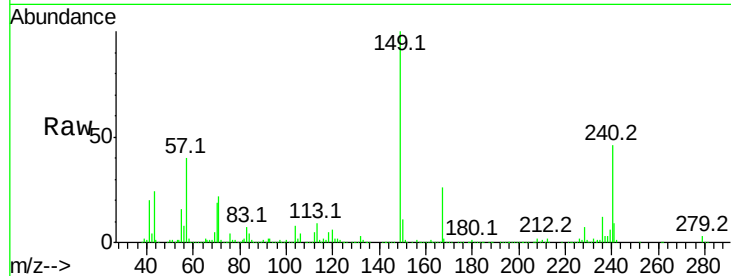




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.960 ng
 RT: 13.63 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

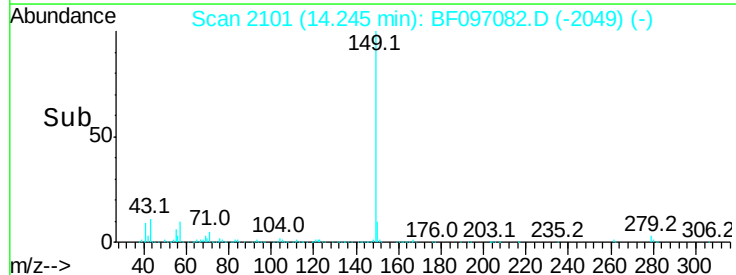
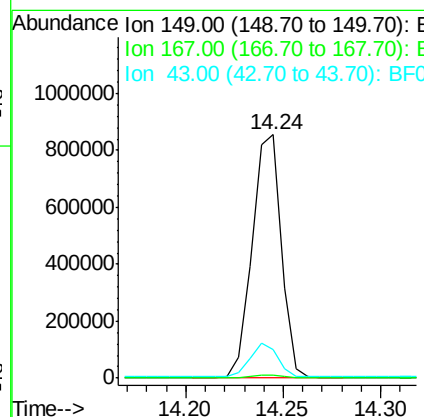
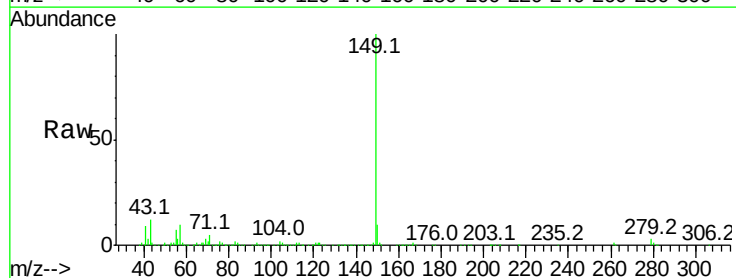
Instrument :
 BNA_F
 ClientSampleId :

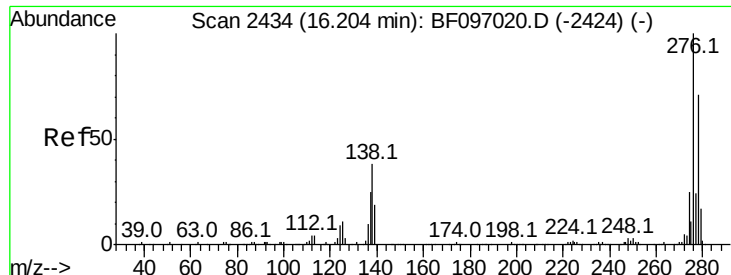
Tot Ion:149 Resp: 506190
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.0 31.4
 279 2.7 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 40.936 ng
 RT: 14.24 min Scan# 2101
 Delta R.T. 0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion:149 Resp: 885157
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 13.3 8.5 12.7#

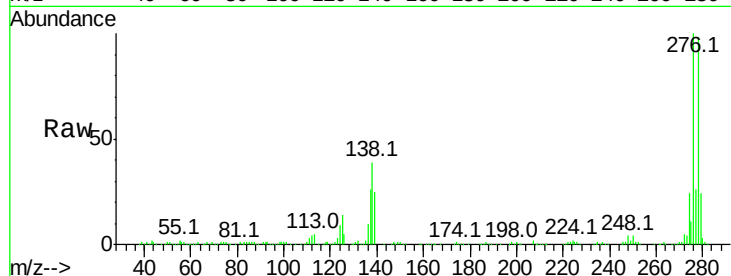




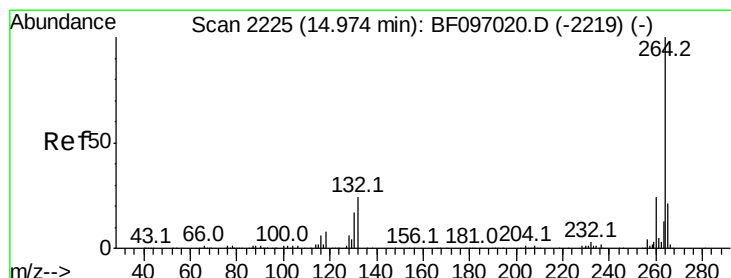
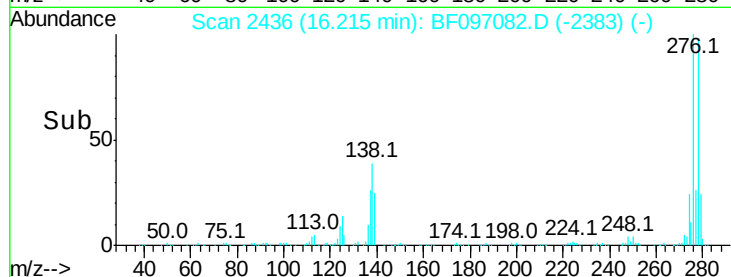
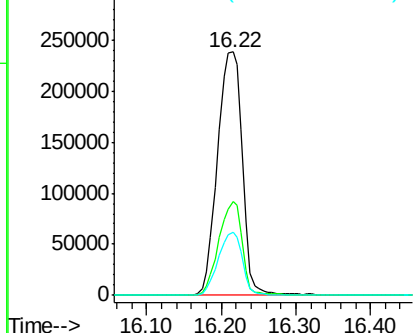
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.232 ng
 RT: 16.22 min Scan# 2436
 Delta R.T. 0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.7	27.8	41.6
277	25.1	20.2	30.4

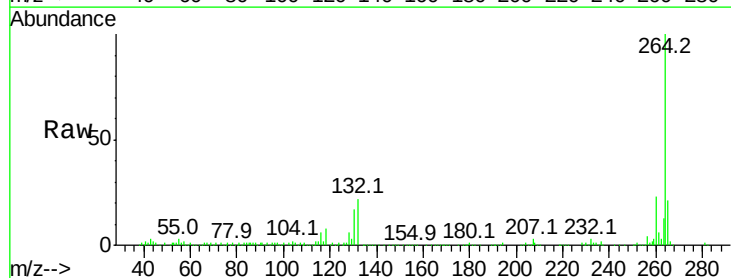


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

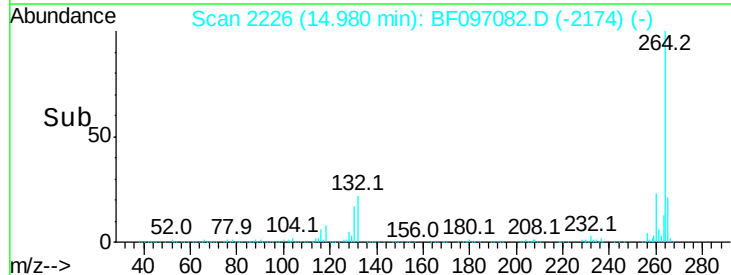
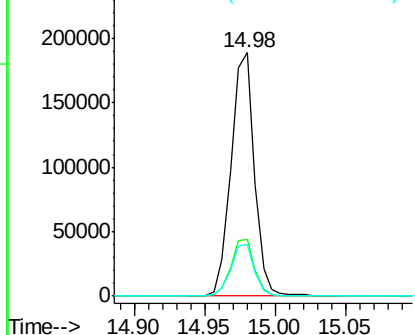


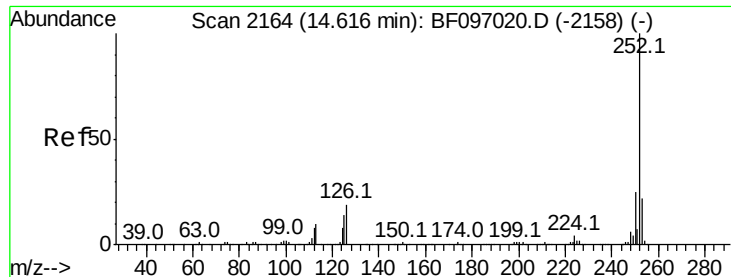
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.98 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.1	17.2	25.8



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

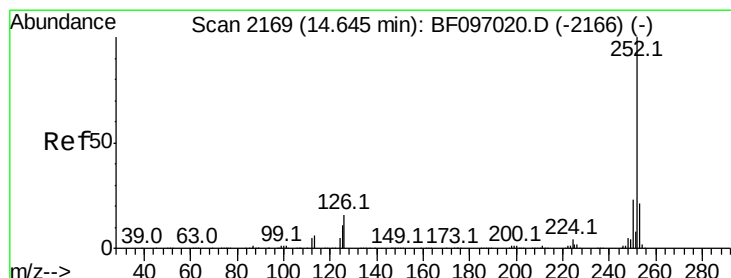
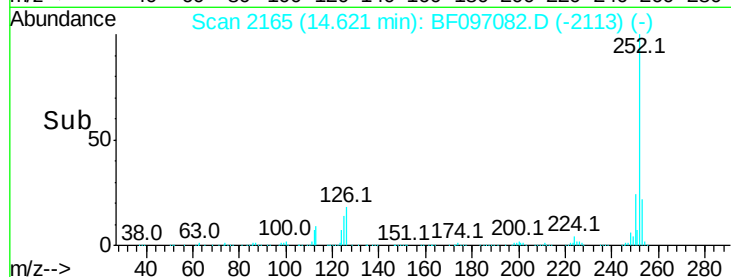
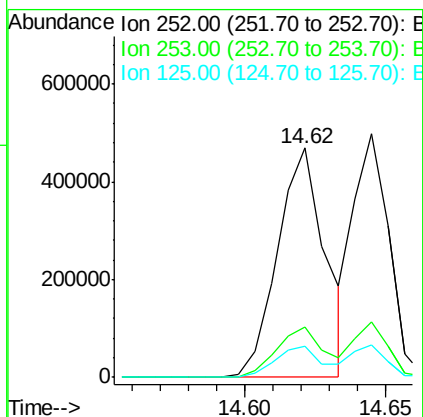
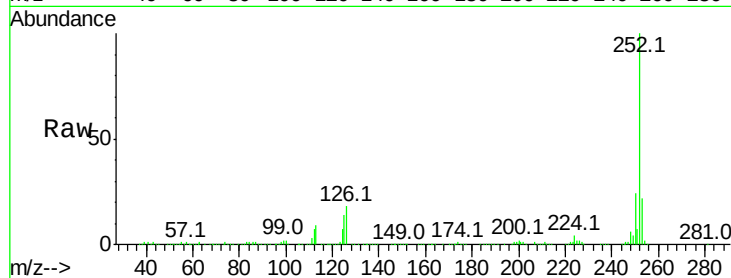




#87
Benzo(b)fluoranthene
Concen: 42.122 ng
RT: 14.62 min Scan# 2165
Delta R.T. 0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

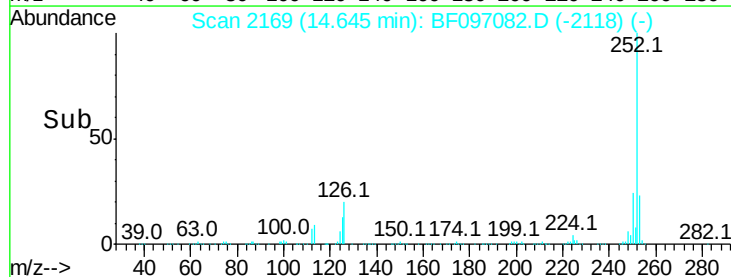
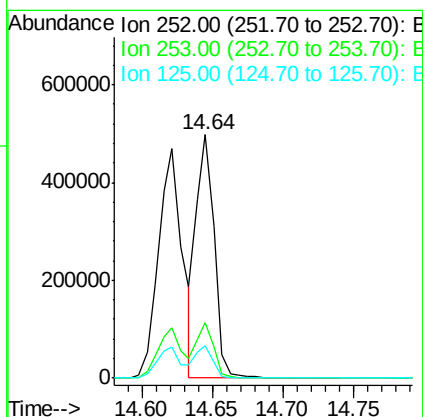
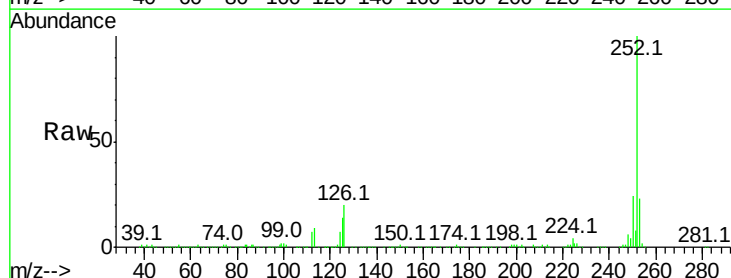
Instrument :
BNA_F
ClientSampleId :

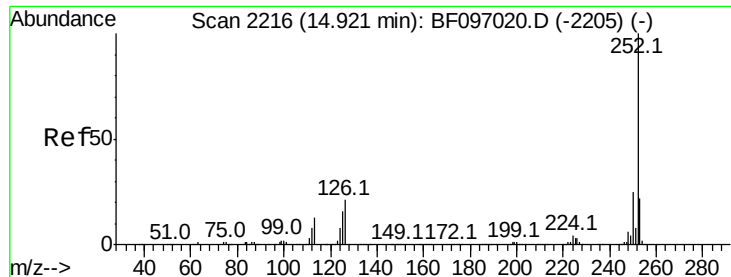
Tot Ion:252 Resp: 550380
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 13.6 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 35.309 ng
RT: 14.64 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion:252 Resp: 439628
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 13.6 13.1 19.7





#89

Benzo(a)pyrene

Concen: 42.221 ng

RT: 14.93 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

ClientSampled :

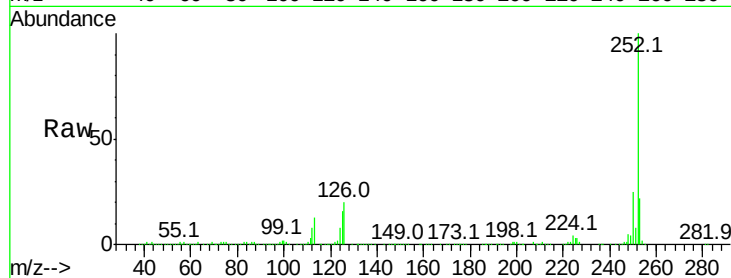
Tot Ion:252 Resp: 504899

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

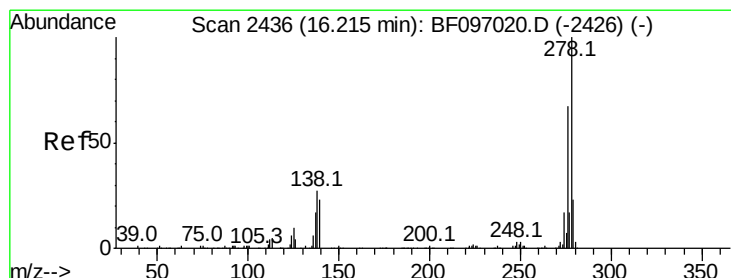
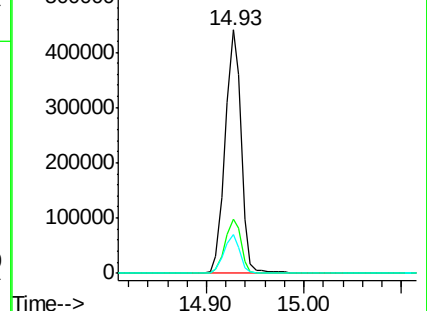
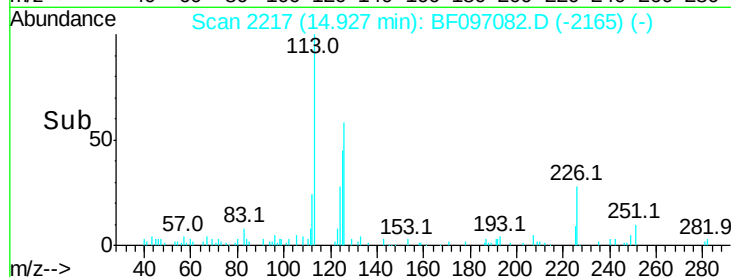
125 15.8 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.895 ng

RT: 16.22 min Scan# 2437

Delta R.T. 0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

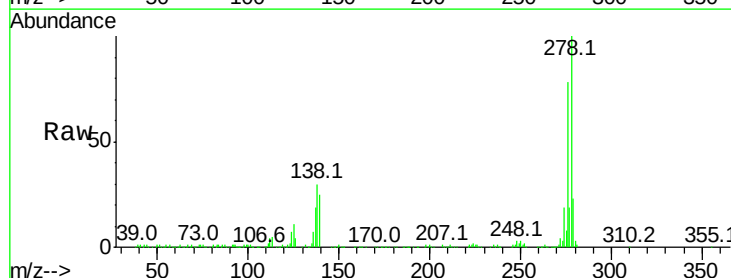
Tgt Ion:278 Resp: 450070

Ion Ratio Lower Upper

278 100

139 24.7 16.6 24.8

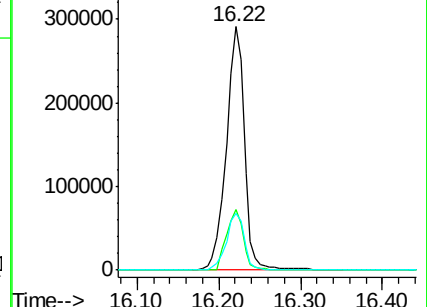
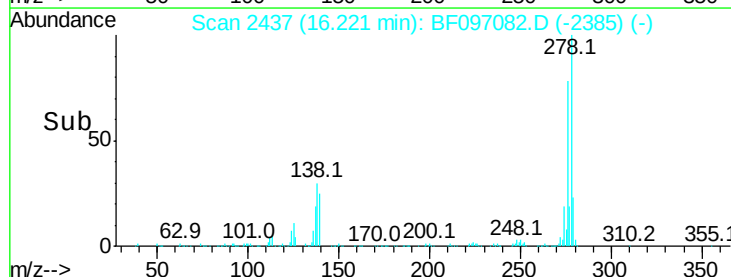
279 23.5 19.3 28.9

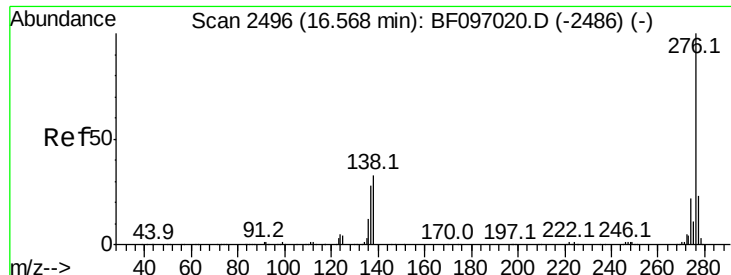


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 47.156 ng

RT: 16.57 min Scan# 2497

Delta R.T. 0.01 min

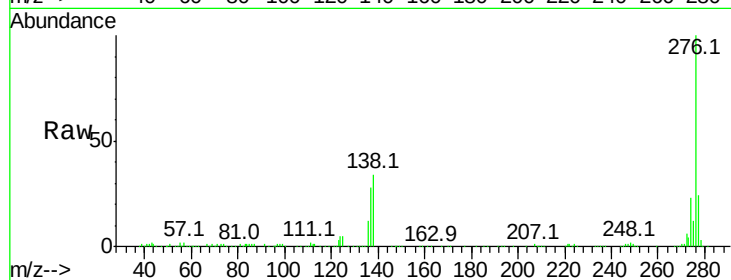
Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

ClientSampleId :



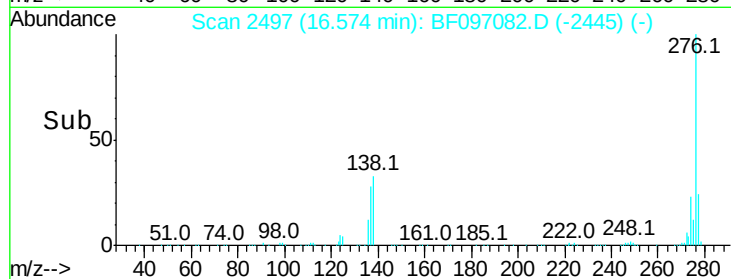
Tot Ion: 276 Resp: 484947

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 33.6 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

