

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097245.D
 Acq On : 1 Aug 2017 21:33
 Operator : SJ/JU
 Sample : I4512-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4MS

Quant Time: Aug 02 03:55:47 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	6.46	152	103077	20.00	ng	-0.04
21) Naphthalene-d8	7.75	136	387664	20.00	ng	-0.04
38) Acenaphthene-d10	9.49	164	146413	20.00	ng	-0.04
63) Phenanthrene-d10	10.97	188	206202	20.00	ng	-0.04
75) Chrysene-d12	13.59	240	183623	20.00	ng	-0.04
86) Perylene-d12	14.93	264	162746	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.07	112	605022	88.48	ng	-0.02
7) Phenol-d6	6.14	99	637020	81.61	ng	-0.03
23) Nitrobenzene-d5	7.03	82	385173	58.29	ng	-0.04
41) 2,4,6-Tribromophenol	10.28	330	85397	73.82	ng	-0.04
44) 2-Fluorobiphenyl	8.83	172	574123	66.55	ng	-0.04
78) Terphenyl-d14	12.54	244	356778	39.61	ng	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.02	88	80854	28.336	ng	# 75
3) Pyridine	2.63	79	195817	22.411	ng	# 67
4) n-Nitrosodimethylamine	2.58	42	124331	25.685	ng	83
6) Aniline	6.13	93	218931	22.288	ng	97
8) 2-Chlorophenol	6.26	128	197985	27.079	ng	94
9) Benzaldehyde	6.01	77	123412	26.710	ng	99
10) Phenol	6.15	94	292744	31.617	ng	94
11) bis(2-Chloroethyl)ether	6.21	93	206029	28.134	ng	91
12) 1,3-Dichlorobenzene	6.40	146	215174	27.309	ng	99
13) 1,4-Dichlorobenzene	6.48	146	214616	27.485	ng	95
14) 1,2-Dichlorobenzene	6.63	146	198492	29.113	ng	98
15) Benzyl Alcohol	6.63	79	155264	31.416	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.76	45	398417	27.125	ng	57
17) 2-Methylphenol	6.76	107	150591	26.687	ng	# 89
18) Hexachloroethane	6.97	117	67124	23.497	ng	# 84
19) n-Nitroso-di-n-propylamine	6.89	70	155394	30.243	ng	# 84
20) 3+4-Methylphenols	6.92	107	210940	28.622	ng	# 64
22) Acetophenone	6.88	105	297463	31.952	ng	# 99
24) Nitrobenzene	7.05	77	208603	30.310	ng	96
25) Isophorone	7.29	82	356007	27.509	ng	100
26) 2-Nitrophenol	7.37	139	91468	24.565	ng	# 87
27) 2,4-Dimethylphenol	7.43	122	169947	27.669	ng	96
28) bis(2-Chloroethoxy)methane	7.52	93	242383	28.700	ng	98
29) 2,4-Dichlorophenol	7.63	162	137140	25.918	ng	97
30) 1,2,4-Trichlorobenzene	7.69	180	133152	26.400	ng	96
31) Naphthalene	7.77	128	519946	28.453	ng	99
32) Benzoic acid	7.55	122	14736	3.213	ng	97
33) 4-Chloroaniline	7.83	127	142869	19.214	ng	95
34) Hexachlorobutadiene	7.89	225	76752	28.705	ng	95
35) Caprolactam	8.19	113	45815	27.002	ng	# 58
36) 4-Chloro-3-methylphenol	8.34	107	149529	25.903	ng	91
37) 2-Methylnaphthalene	8.46	142	333058	28.786	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.63	216	116393	29.793	ng	99
40) Hexachlorocyclopentadiene	8.62	237	3311	8.815	ng	97

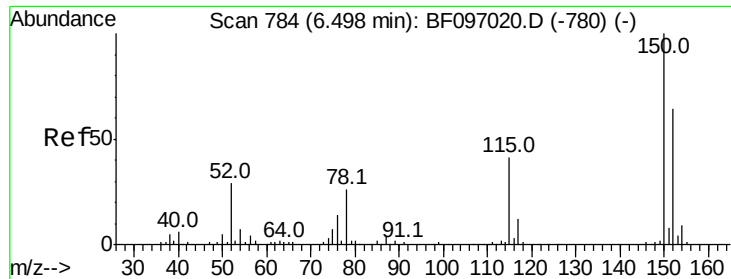
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.75	196	77767	27.469	ng	99
43) 2,4,5-Trichlorophenol	8.80	196	79369	28.009	ng	95
45) 1,1'-Biphenyl	8.92	154	362487	28.986	ng	98
46) 2-Chloronaphthalene	8.95	162	272599	29.621	ng	94
47) 2-Nitroaniline	9.05	65	107095	32.066	ng	97
48) Acenaphthylene	9.35	152	407016	28.814	ng	99
49) Dimethylphthalate	9.23	163	387967	34.894	ng	98
50) 2,6-Dinitrotoluene	9.29	165	64273	27.256	ng	# 80
51) Acenaphthene	9.53	154	235864	28.348	ng	100
52) 3-Nitroaniline	9.46	138	74233	25.361	ng	94
54) Dibenzofuran	9.70	168	333952	30.133	ng	99
55) 4-Nitrophenol	9.66	139	66882	38.424	ng	# 69
56) 2,4-Dinitrotoluene	9.70	165	70361	25.955	ng	# 79
57) Fluorene	10.04	166	244438	29.345	ng	97
58) 2,3,4,6-Tetrachlorophenol	9.83	232	52603	26.886	ng	98
59) Diethylphthalate	9.93	149	300254	29.436	ng	99
60) 4-Chlorophenyl-phenylether	10.03	204	107778	31.334	ng	98
61) 4-Nitroaniline	10.07	138	64926	23.345	ng	91
62) Azobenzene	10.19	77	257853	27.249	ng	92
64) 4,6-Dinitro-2-methylphenol	10.12	198	3192	2.491	ng	93
65) n-Nitrosodiphenylamine	10.16	169	225162	31.383	ng	98
66) 4-Bromophenyl-phenylether	10.52	248	61049	29.667	ng	95
67) Hexachlorobenzene	10.59	284	61720	26.746	ng	# 86
68) Atrazine	10.69	200	61852	30.064	ng	92
69) Pentachlorophenol	10.79	266	41938	43.923	ng	96
70) Phenanthrene	10.99	178	312461	28.281	ng	98
71) Anthracene	11.04	178	331908	29.331	ng	97
72) Carbazole	11.20	167	319985	28.752	ng	98
73) Di-n-butylphthalate	11.55	149	406482	29.548	ng	99
74) Fluoranthene	12.17	202	315039	29.107	ng	97
76) Benzidine	12.30	184	190259	27.925	ng	# 93
77) Pyrene	12.39	202	332608	22.126	ng	99
79) Butylbenzylphthalate	13.03	149	164822	21.555	ng	# 77
80) Benzo(a)anthracene	13.58	228	295662	24.885	ng	100
81) 3,3'-Dichlorobenzidine	13.55	252	108162	24.141	ng	# 96
82) Chrysene	13.62	228	292685	25.228	ng	98
83) Bis(2-ethylhexyl)phthalate	13.60	149	227454	22.782	ng	99
84) Di-n-octyl phthalate	14.20	149	479860	26.191	ng	# 91
85) Indeno(1,2,3-cd)pyrene	16.15	276	191097	19.209	ng	96
87) Benzo(b)fluoranthene	14.58	252	282908	28.918	ng	98
88) Benzo(k)fluoranthene	14.60	252	254223	27.270	ng	96
89) Benzo(a)pyrene	14.89	252	241483	26.970	ng	98
90) Dibenzo(a,h)anthracene	16.15	278	164655	22.425	ng	# 94
91) Benzo(g,h,i)perylene	16.50	276	157373	20.439	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.04 min

Lab File: BF097245.D

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HDD-PILWC4MS

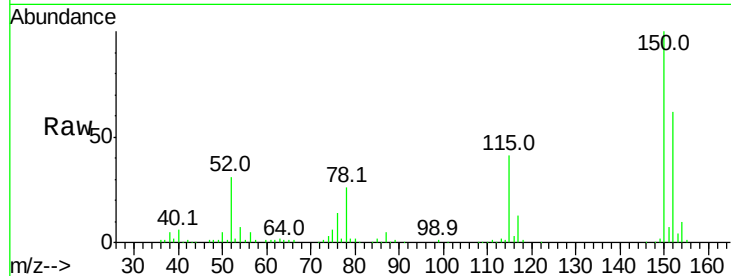
Tot Ion:152 Resp: 103077

Ion Ratio Lower Upper

152 100

150 162.2 126.2 189.2

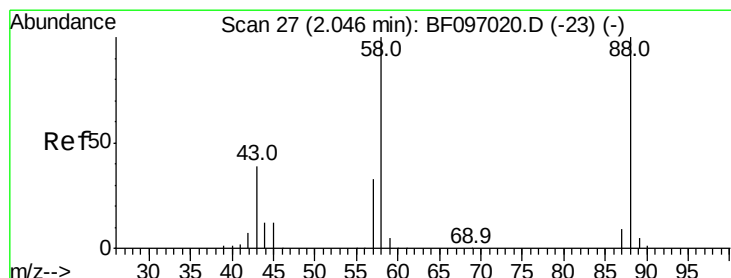
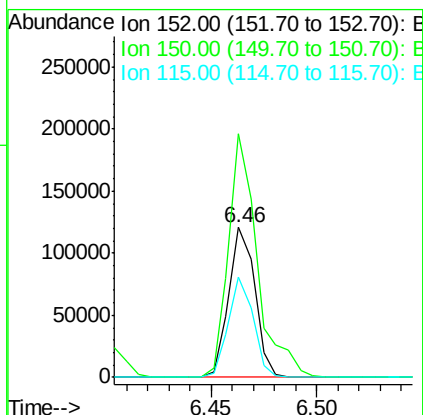
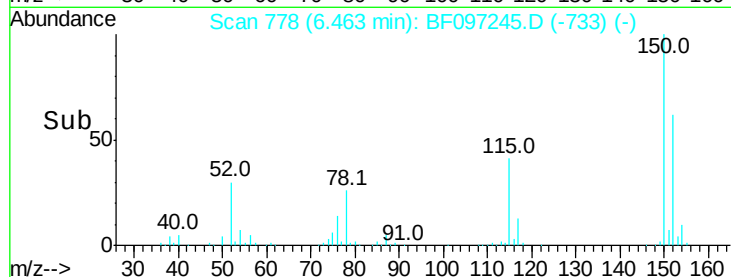
115 66.8 52.2 78.2



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: 28.336 ng

RT: 2.02 min Scan# 22

Delta R.T. -0.03 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

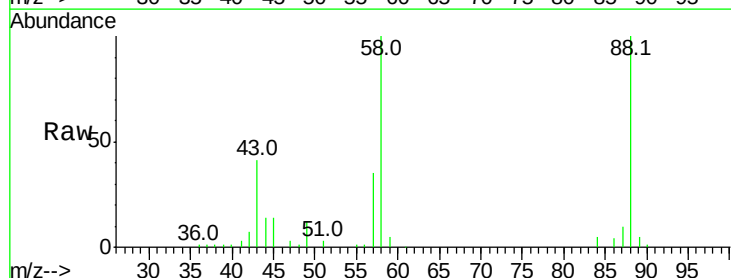
Tgt Ion: 88 Resp: 80854

Ion Ratio Lower Upper

88 100

58 96.7 61.4 92.0#

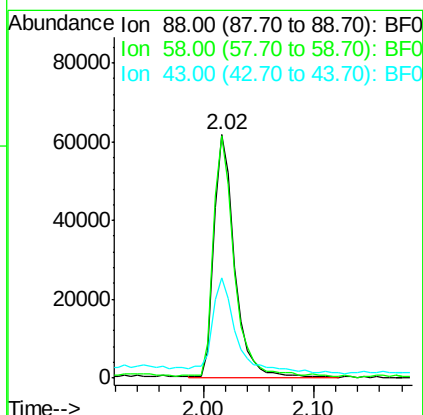
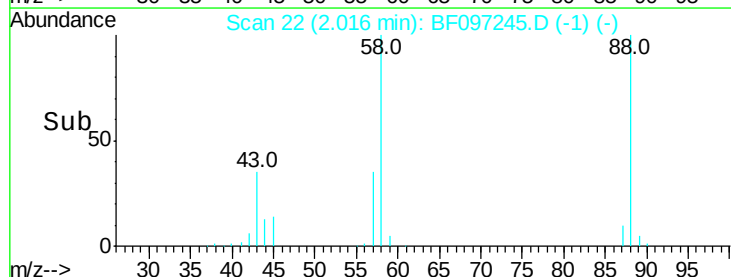
43 45.6 23.4 35.0#

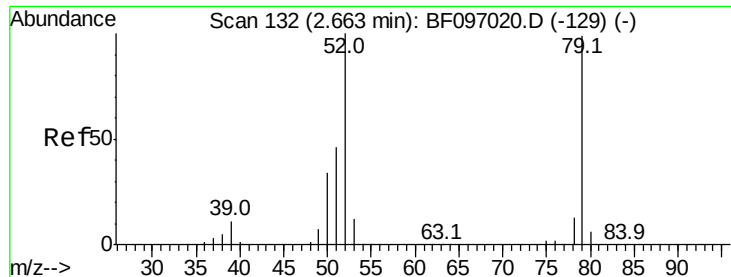


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 22.411 ng

RT: 2.63 min Scan# 126

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

Instrument :

BNA_F

ClientSampleId :

HDD-PILWC4MS

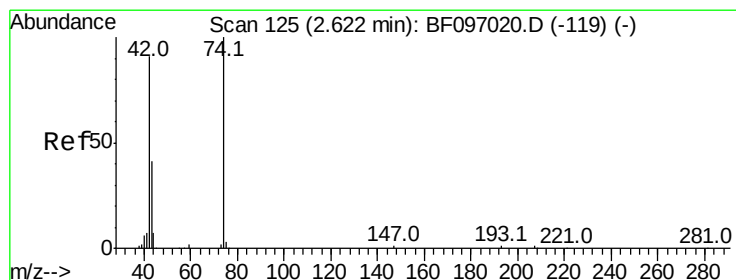
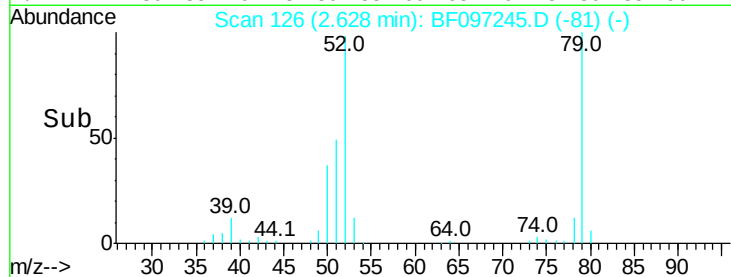
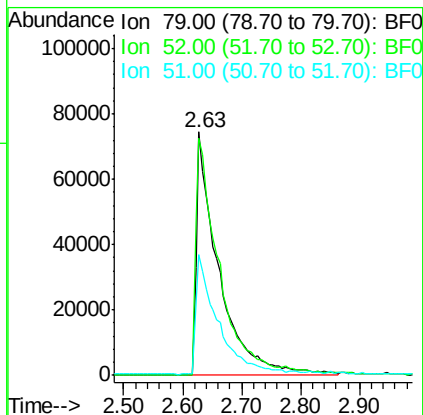
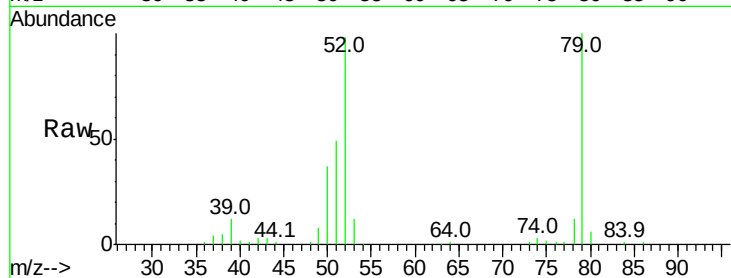
Tot Ion: 79 Resp: 195817

Ion Ratio Lower Upper

79 100

52 97.7 54.8 82.2#

51 49.5 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 25.685 ng

RT: 2.58 min Scan# 117

Delta R.T. -0.05 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

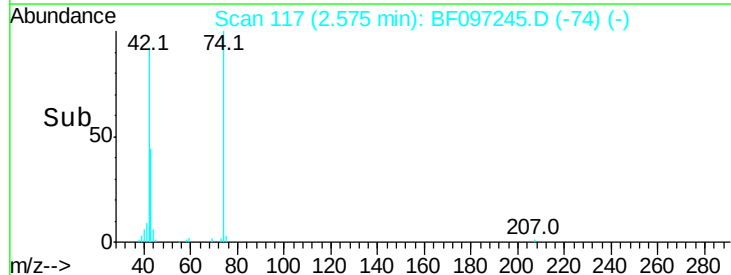
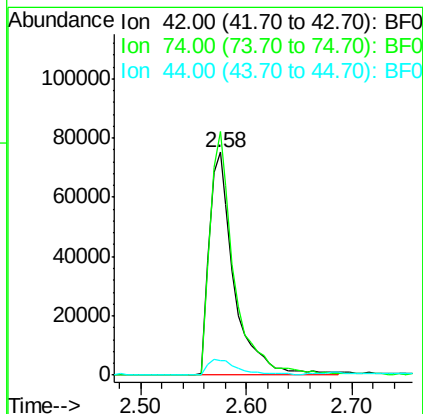
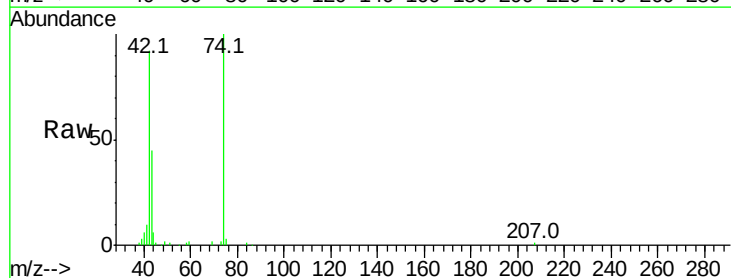
Tgt Ion: 42 Resp: 124331

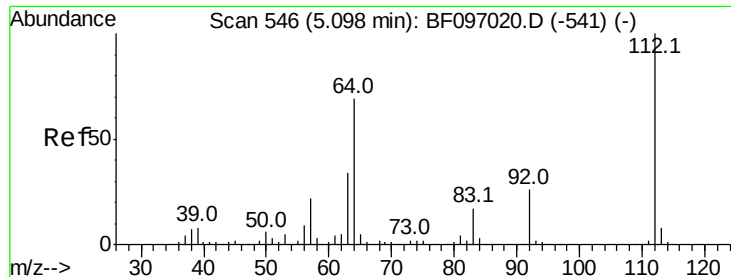
Ion Ratio Lower Upper

42 100

74 109.2 103.9 155.9

44 6.8 5.7 8.5





#5

2-Fluorophenol

Concen: 88.484 ng

RT: 5.07 min Scan# 542

Delta R.T. -0.02 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

Instrument :

BNA_F

ClientSampleId :

HDD-PILWC4MS

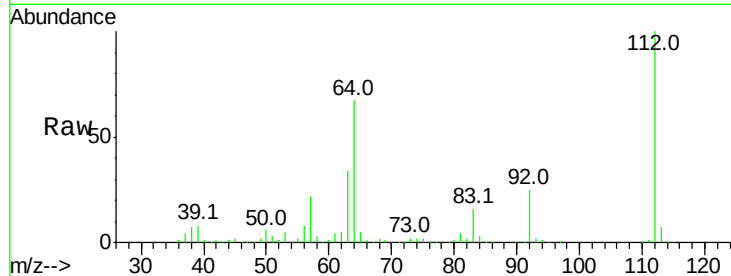
Tot Ion:112 Resp: 605022

Ion Ratio Lower Upper

112 100

64 67.3 46.0 69.0

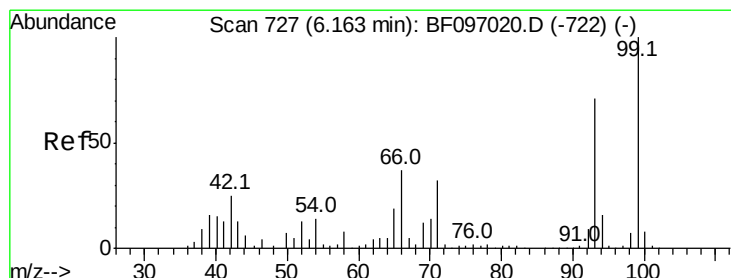
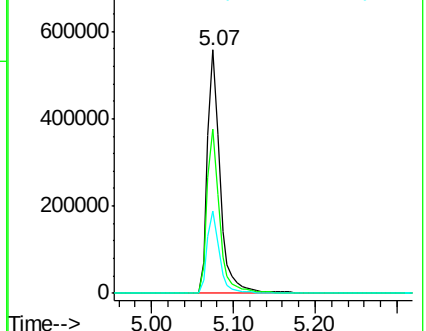
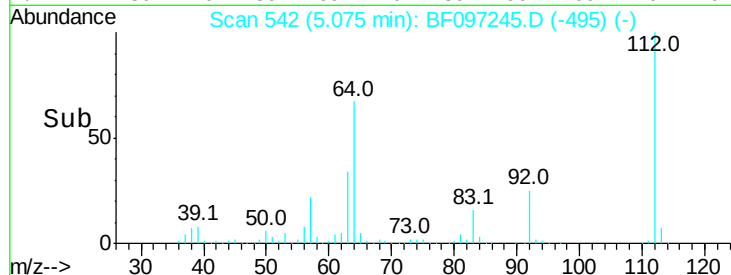
63 33.6 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.288 ng

RT: 6.13 min Scan# 721

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

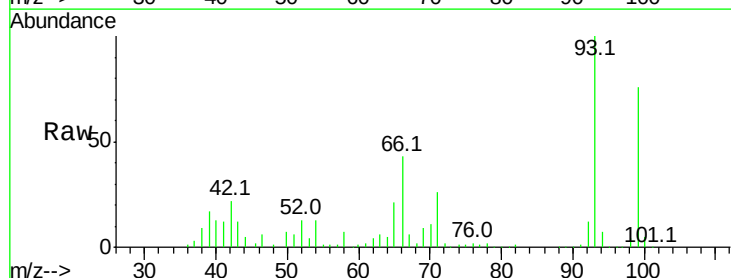
Tgt Ion: 93 Resp: 218931

Ion Ratio Lower Upper

93 100

66 43.1 32.9 49.3

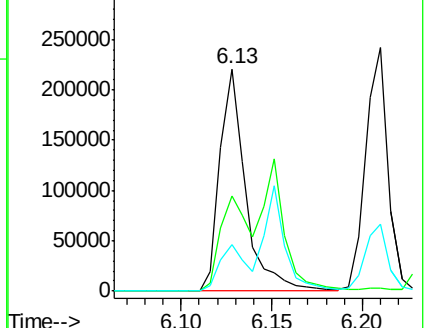
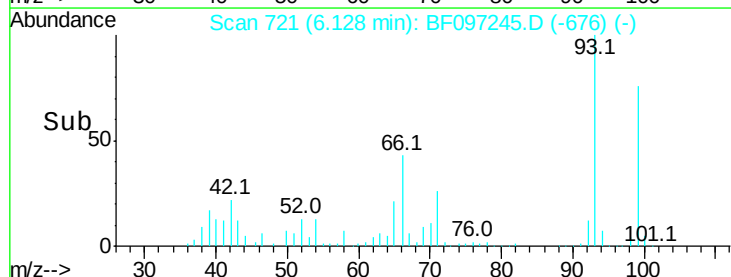
65 21.0 16.0 24.0

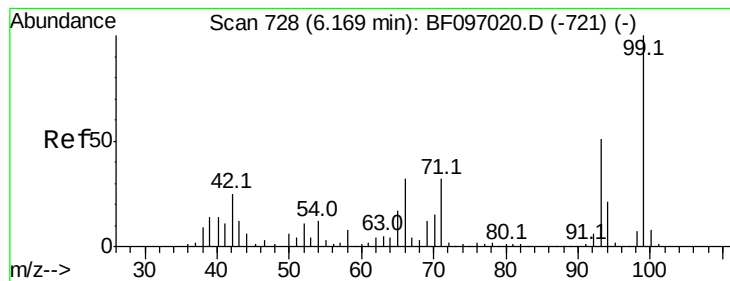


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.606 ng

RT: 6.14 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

Instrument :

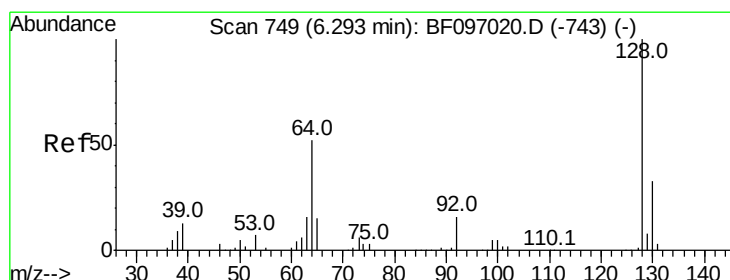
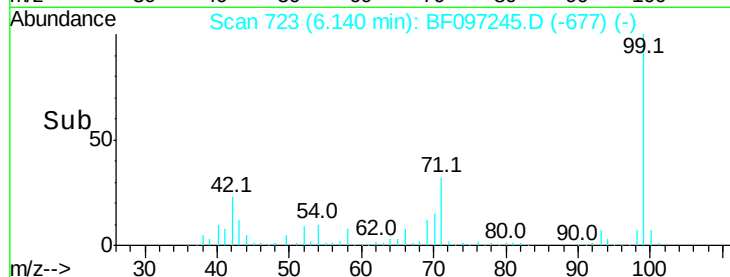
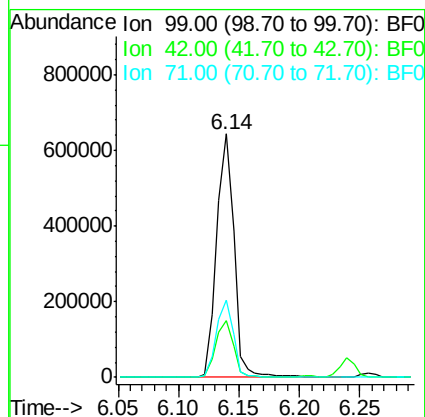
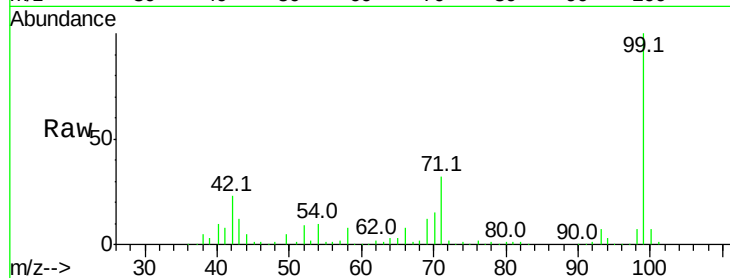
BNA_F

ClientSampleId :

HDD-PILWC4MS

Tot Ion: 99 Resp: 637020

Ion	Ratio	Lower	Upper
99	100		
42	23.3	13.5	20.3#
71	32.0	24.5	36.7



#8

2-Chlorophenol

Concen: 27.079 ng

RT: 6.26 min Scan# 743

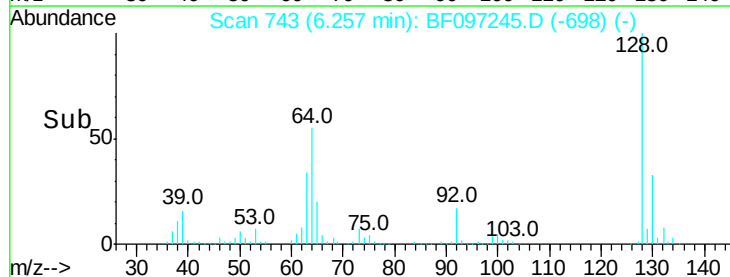
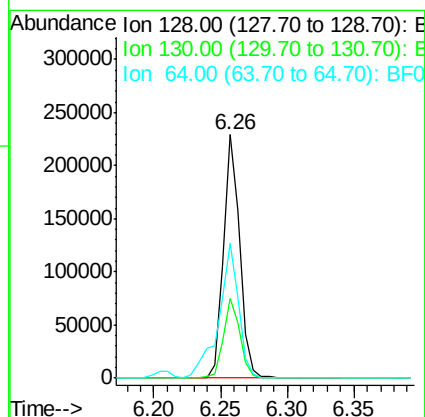
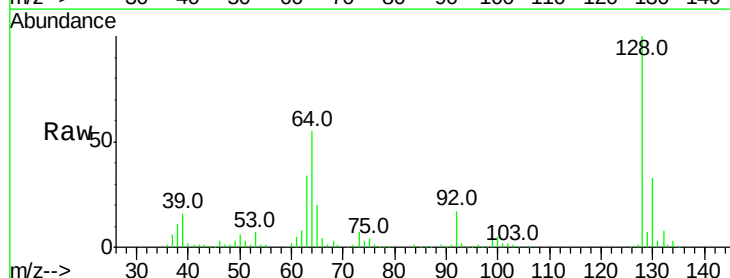
Delta R.T. -0.04 min

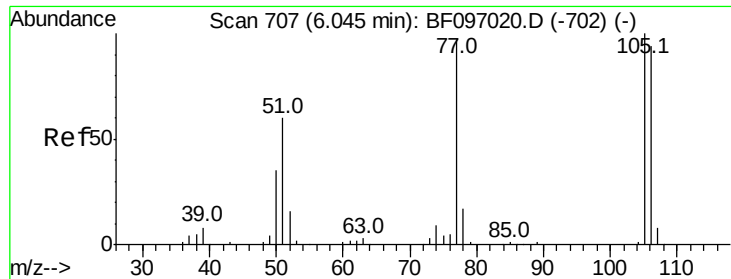
Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

Tgt Ion: 128 Resp: 197985

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	55.2	28.4	68.4





#9

Benzaldehyde

Concen: 26.710 ng

RT: 6.01 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

Instrument :

BNA_F

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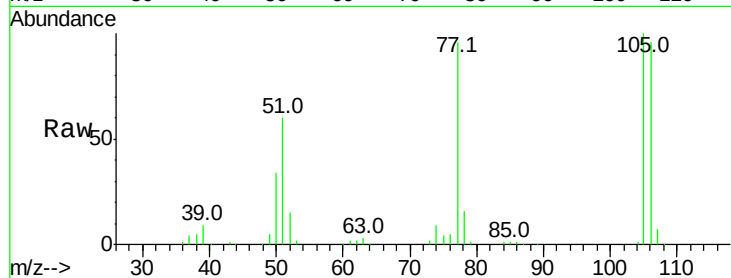
Tot Ion: 77 Resp: 123412

Ion Ratio Lower Upper

77 100

105 104.3 83.8 123.8

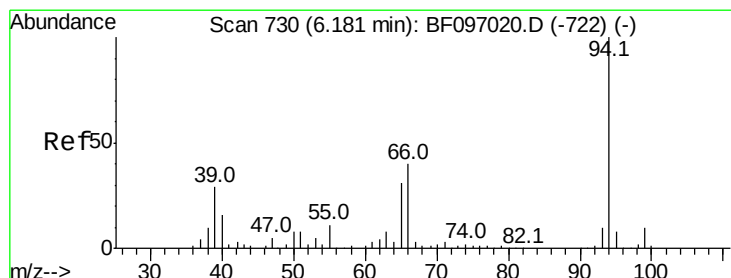
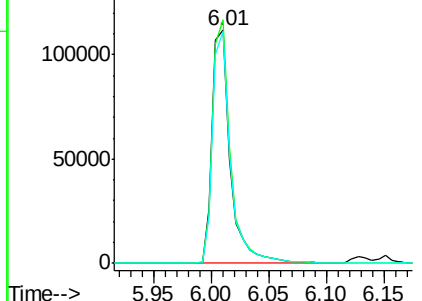
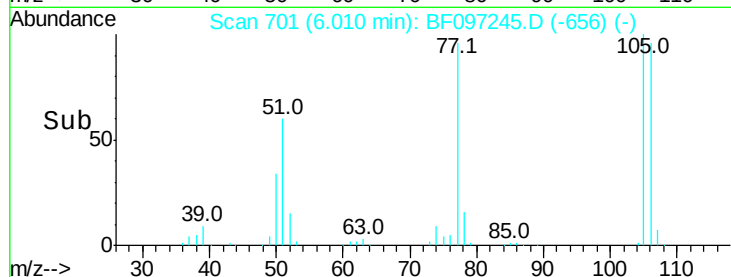
106 99.6 79.1 119.1



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: 31.617 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.03 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

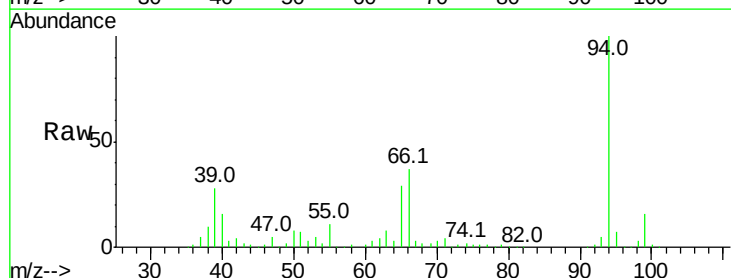
Tgt Ion: 94 Resp: 292744

Ion Ratio Lower Upper

94 100

65 29.2 9.9 49.9

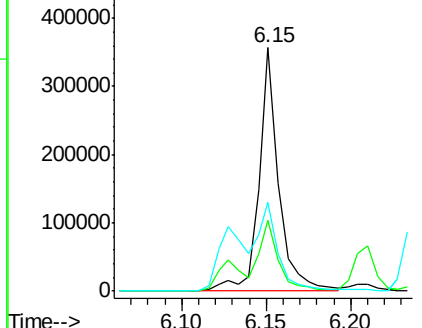
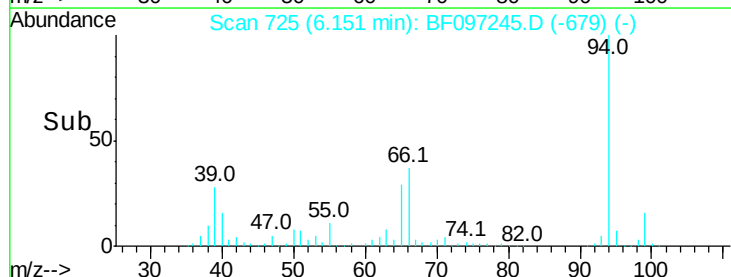
66 36.7 23.1 63.1

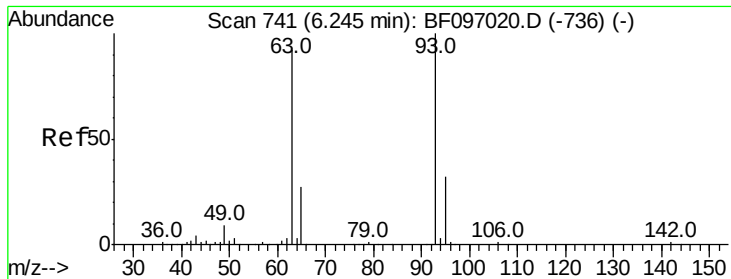


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

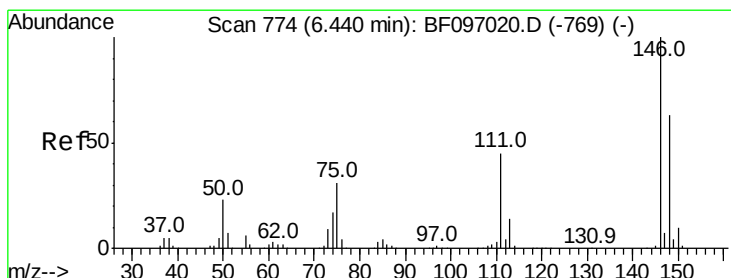
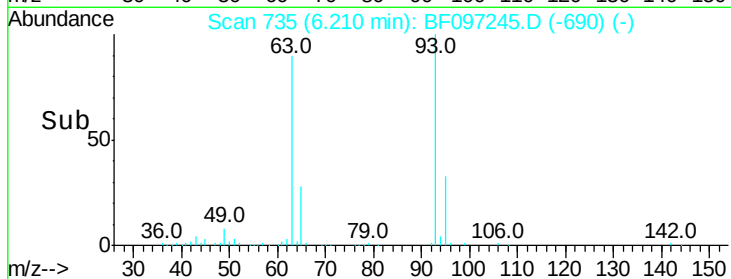
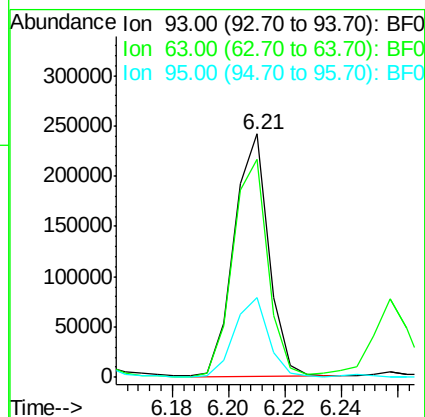
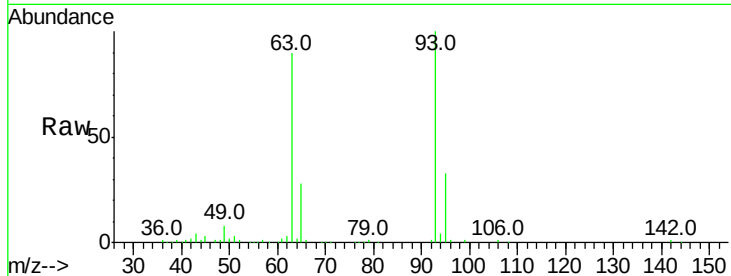




#11
 bis(2-Chloroethyl)ether
 Concen: 28.134 ng
 RT: 6.21 min Scan# 735
 Delta R.T. -0.04 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

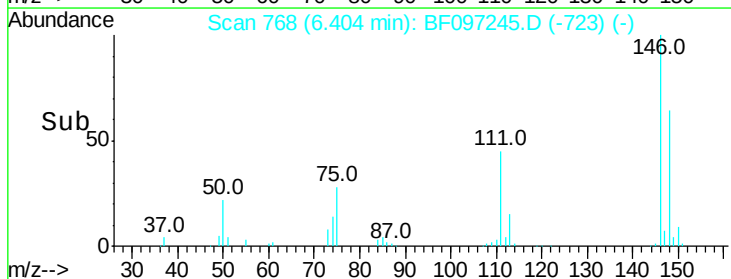
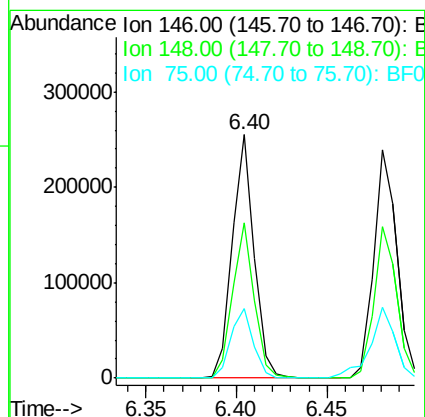
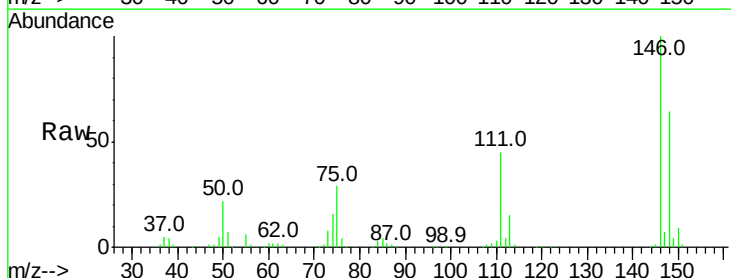
Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4MS

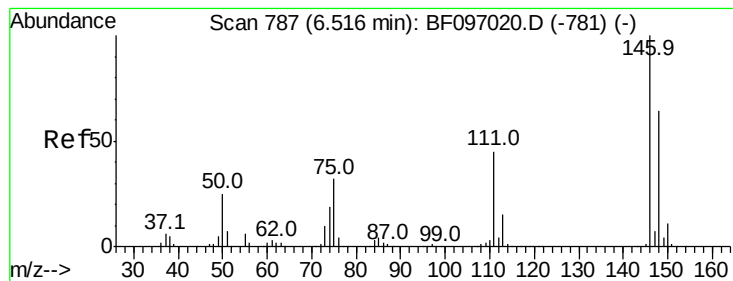
Tot Ion:	93	Resp:	206029
Ion	Ratio	Lower	Upper
93	100		
63	89.8	59.2	99.2
95	32.8	12.8	52.8



#12
 1,3-Dichlorobenzene
 Concen: 27.309 ng
 RT: 6.40 min Scan# 768
 Delta R.T. -0.04 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

Tgt Ion:	146	Resp:	215174
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.6
75	28.7	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 27.485 ng

RT: 6.48 min Scan# 781

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

Instrument :

BNA_F

ClientSampleId :

HDD-PILWC4MS

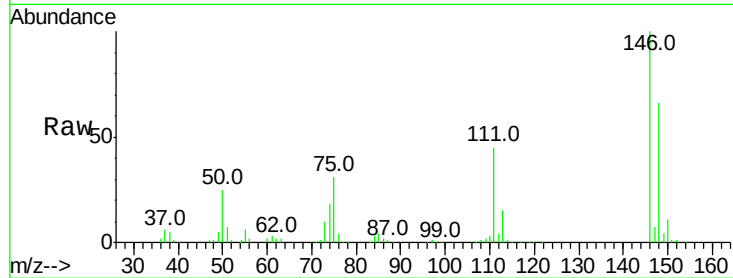
Tot Ion:146 Resp: 214616

Ion Ratio Lower Upper

146 100

148 66.4 52.2 78.2

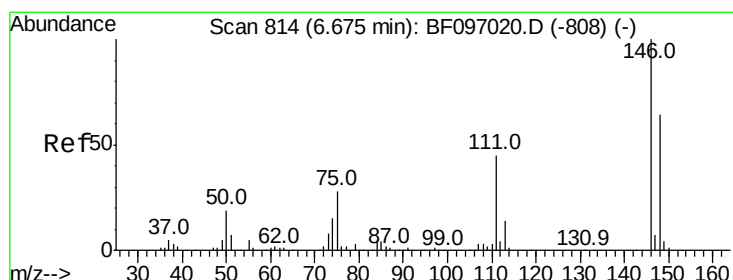
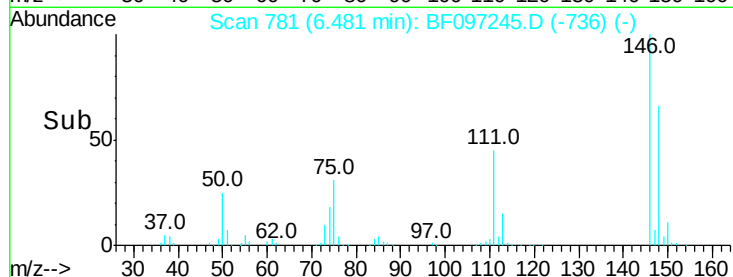
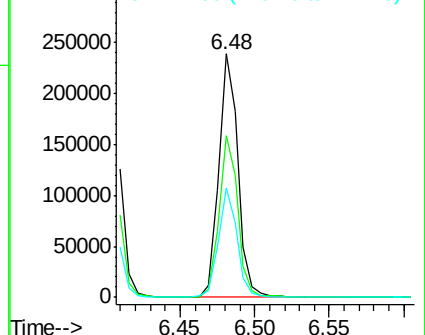
111 44.9 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 29.113 ng

RT: 6.63 min Scan# 807

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

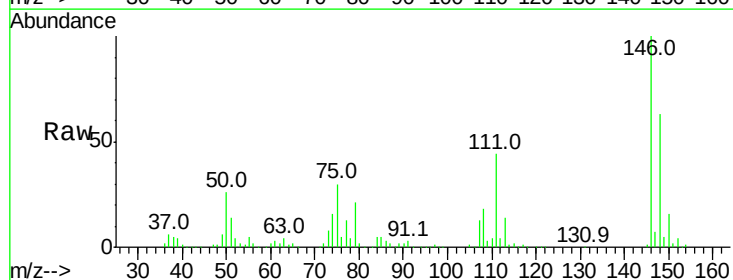
Tgt Ion:146 Resp: 198492

Ion Ratio Lower Upper

146 100

148 63.1 50.4 75.6

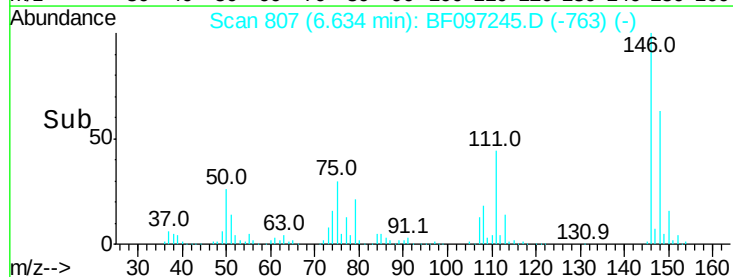
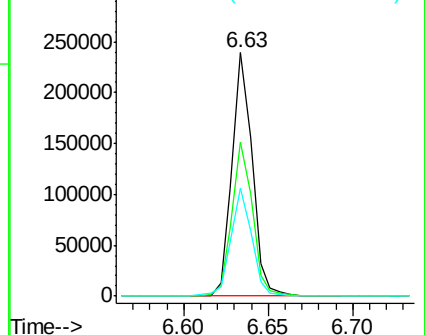
111 44.2 38.2 57.4

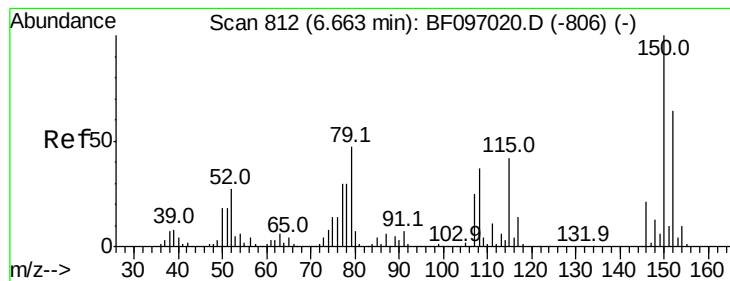


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 31.416 ng

RT: 6.63 min Scan# 806

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

Instrument :

BNA_F

ClientSampleId :

HDD-PILWC4MS

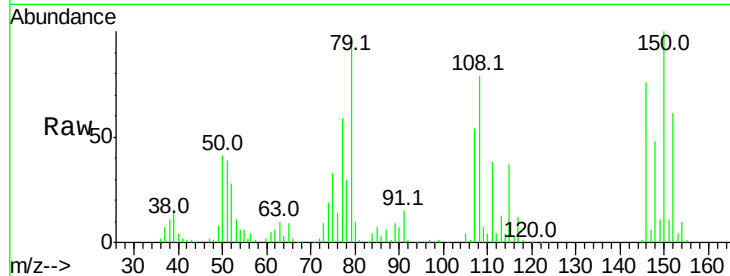
Tot Ion: 79 Resp: 155264

Ion Ratio Lower Upper

79 100

108 81.6 63.4 95.0

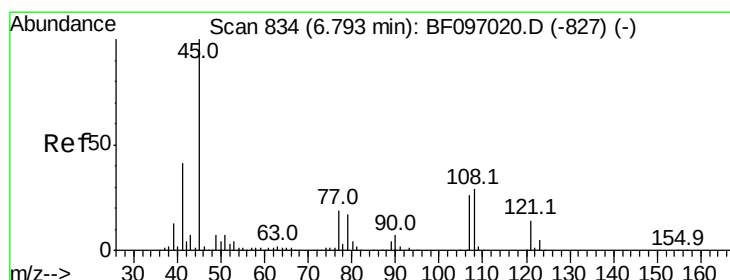
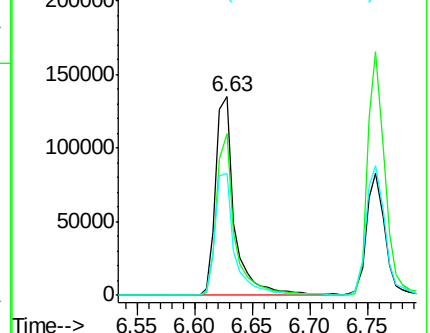
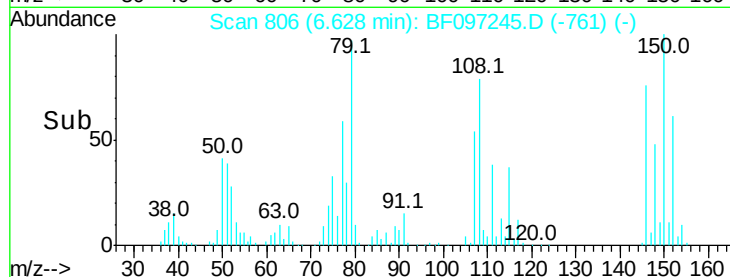
77 61.3 49.2 73.8



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: 27.125 ng

RT: 6.76 min Scan# 828

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

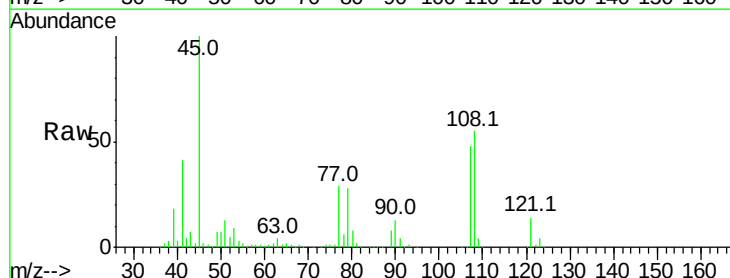
Tgt Ion: 45 Resp: 398417

Ion Ratio Lower Upper

45 100

77 29.1 0.0 33.2

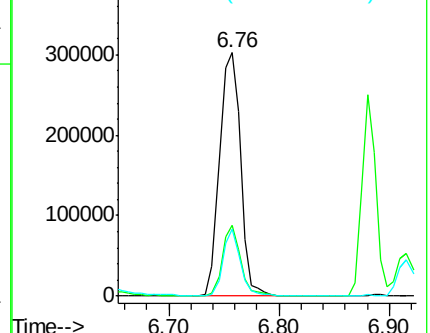
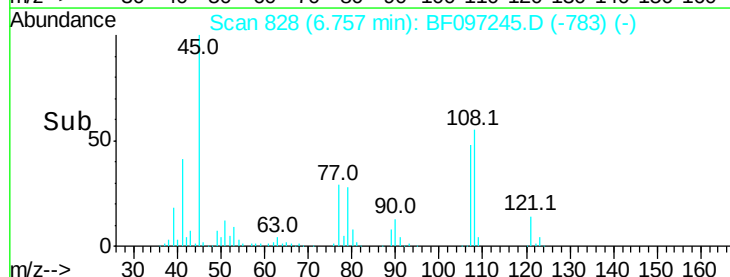
79 27.5 0.0 30.0

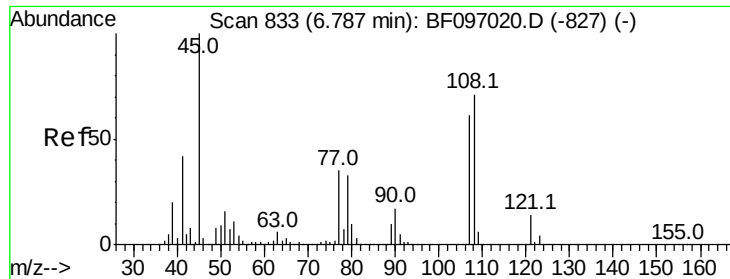


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

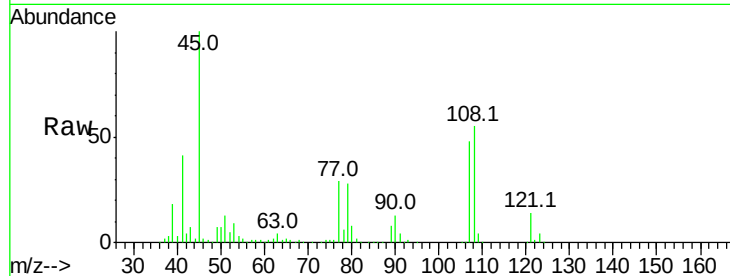




#17
2-Methylphenol
Concen: 26.687 ng
RT: 6.76 min Scan# 828
Delta R.T. -0.03 min
Lab File: BF097245.D
Acq: 1 Aug 2017 21:33

Instrument :
BNA_F
ClientSampleId :
HDD-PILWC4MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	93.4	140.0
77	60.3	35.8	53.6#
79	57.0	34.8	52.2#



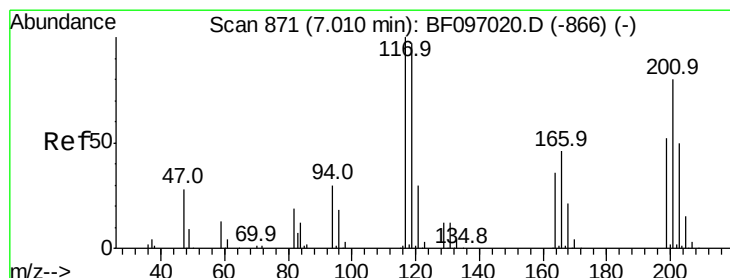
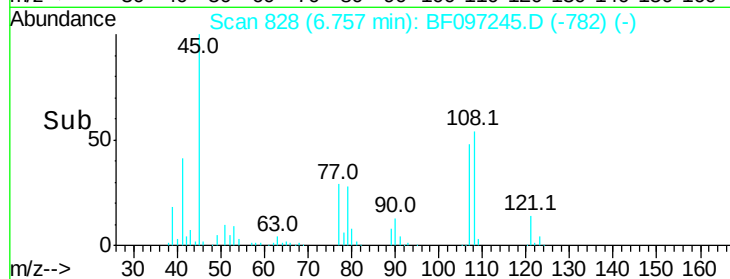
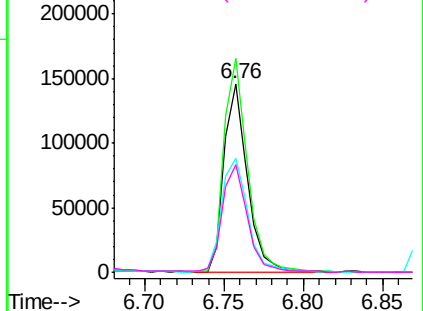
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

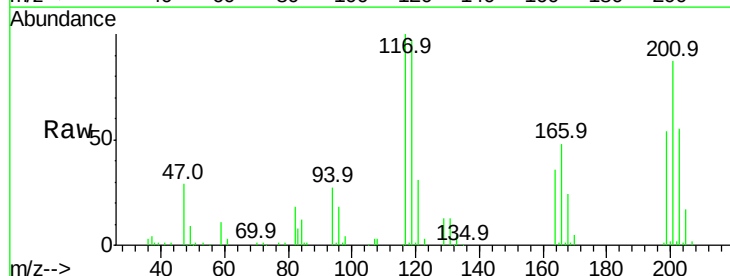
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 23.497 ng
RT: 6.97 min Scan# 865
Delta R.T. -0.04 min
Lab File: BF097245.D
Acq: 1 Aug 2017 21:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.4	116.0
201	87.2	94.6	141.8#

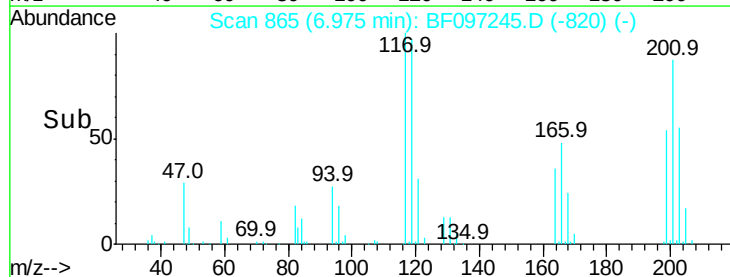
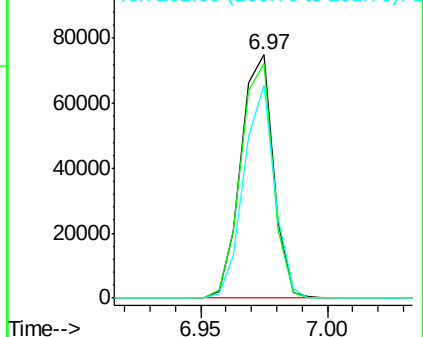


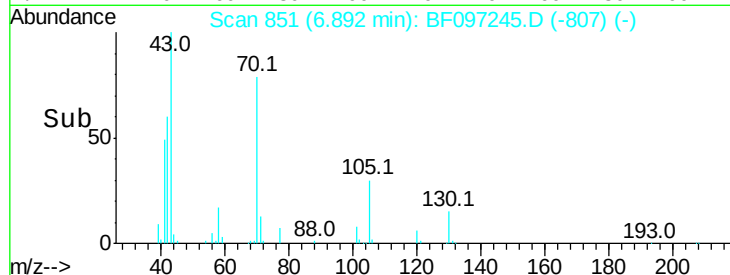
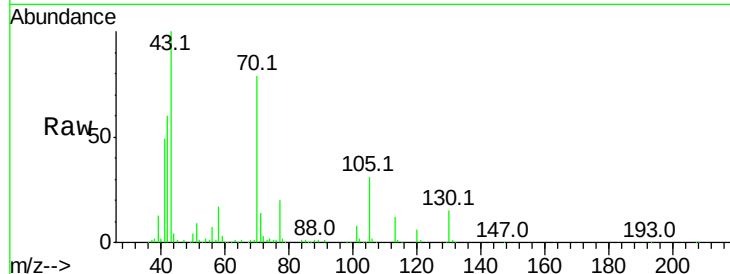
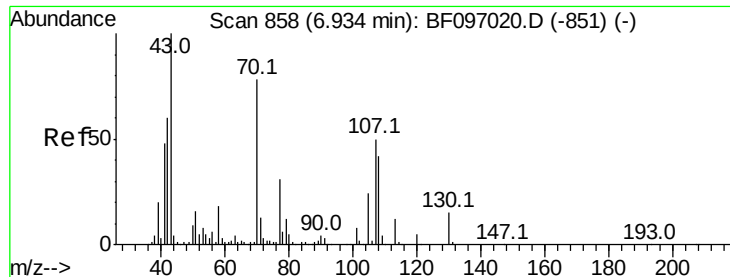
Abundance

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

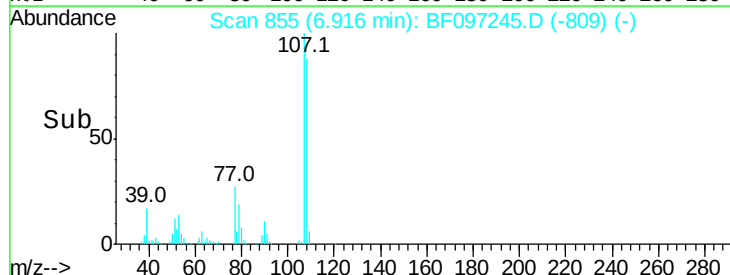
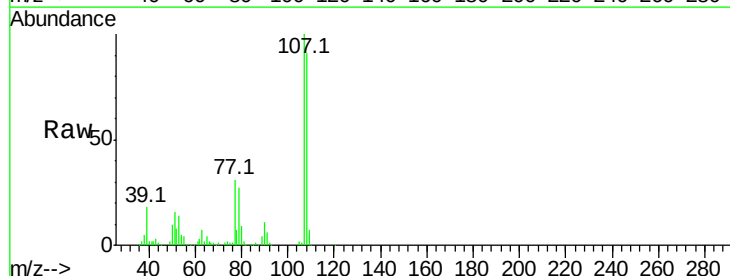
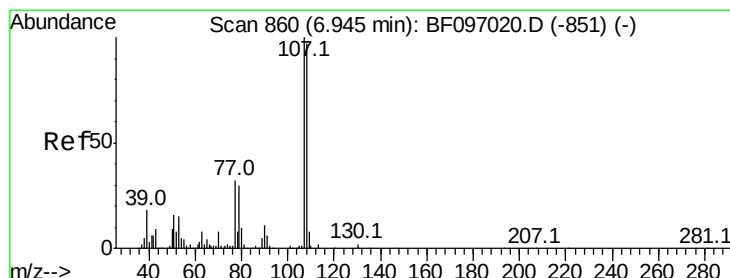
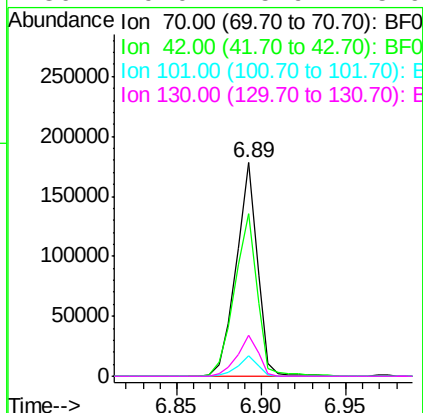




#19
n-Nitroso-di-n-propylamine
Concen: 30.243 ng
RT: 6.89 min Scan# 851
Delta R.T. -0.04 min
Lab File: BF097245.D
Acq: 1 Aug 2017 21:33

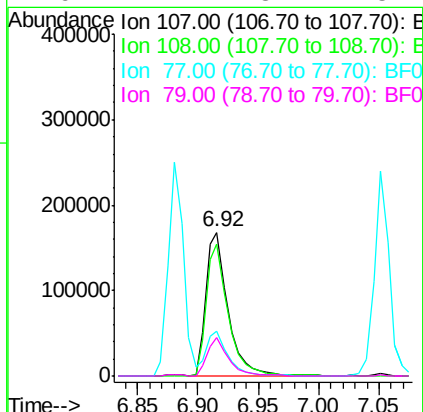
Instrument :
BNA_F
ClientSampleId :
HDD-PILWC4MS

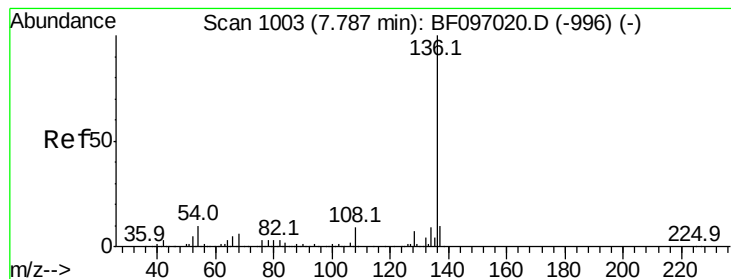
Tot Ion:	70	Resp:	155394
Ion	Ratio	Lower	Upper
70	100		
42	76.1	47.2	70.8#
101	9.6	7.2	10.8
130	19.0	15.9	23.9



#20
3+4-Methylphenols
Concen: 28.622 ng
RT: 6.92 min Scan# 855
Delta R.T. -0.03 min
Lab File: BF097245.D
Acq: 1 Aug 2017 21:33

Tgt Ion:	107	Resp:	210940
Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.0	111.0
77	31.5	90.5	130.5#
79	27.1	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.75 min Scan# 996

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

Instrument :

BNA_F

ClientSampleId :

HDD-PILWC4MS

Tot Ion:136 Resp: 387664

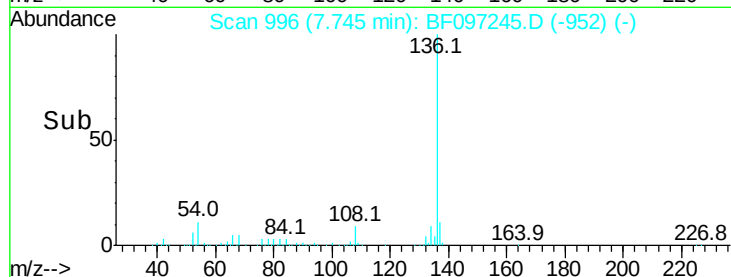
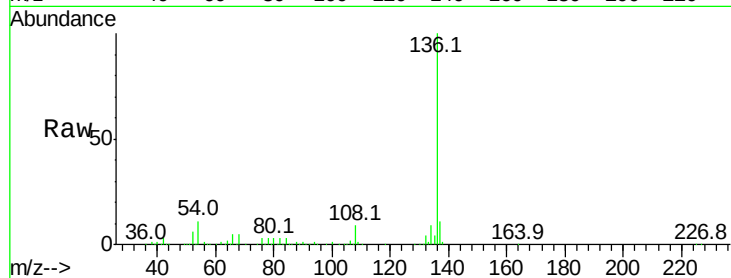
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 11.1 4.9 7.3#

68 5.2 4.1 6.1

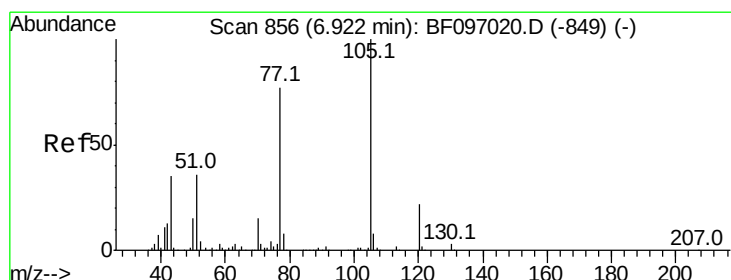
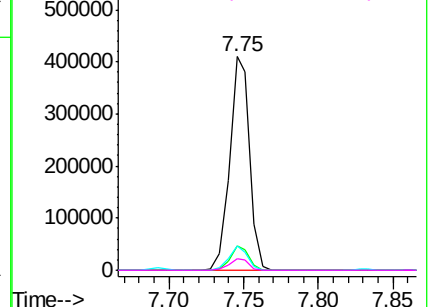


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 31.952 ng

RT: 6.88 min Scan# 849

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

Tgt Ion:105 Resp: 297463

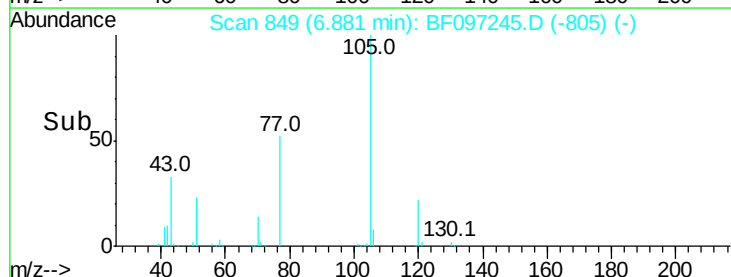
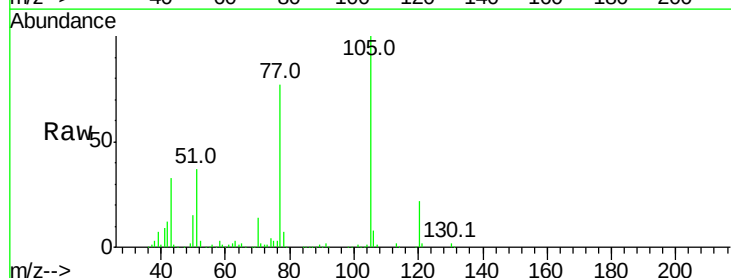
Ion Ratio Lower Upper

105 100

71 2.3 2.8 4.2#

51 37.2 30.7 46.1

120 21.5 17.4 26.0

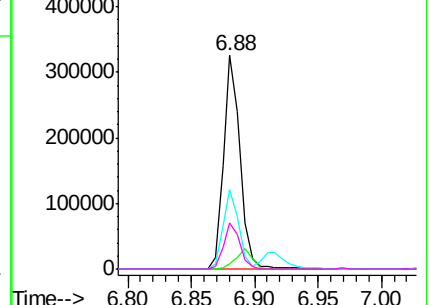


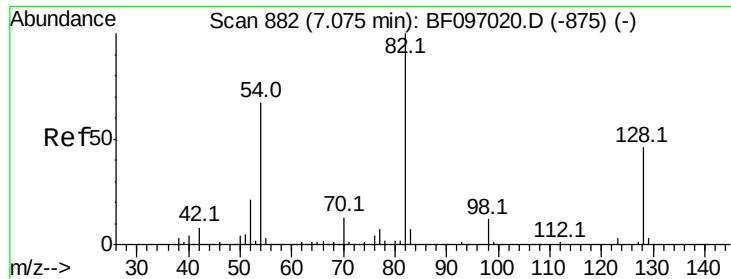
Abundance Ion 105.00 (104.70 to 105.70): E

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

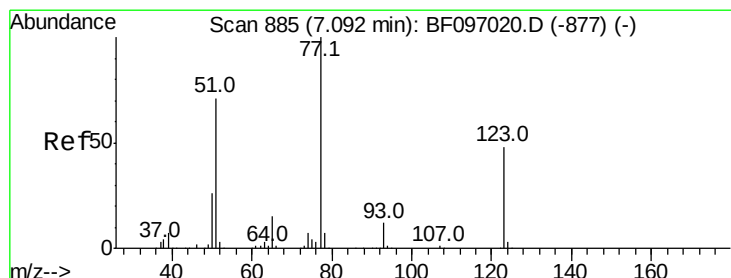
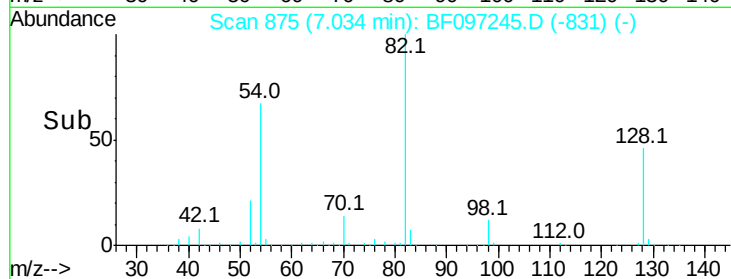
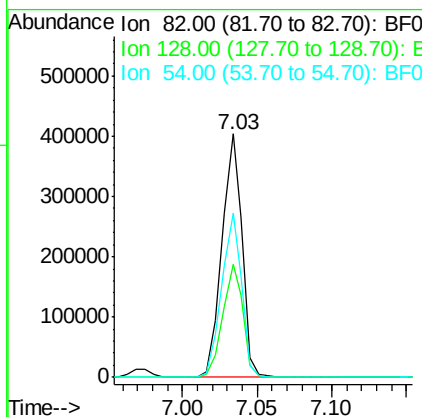
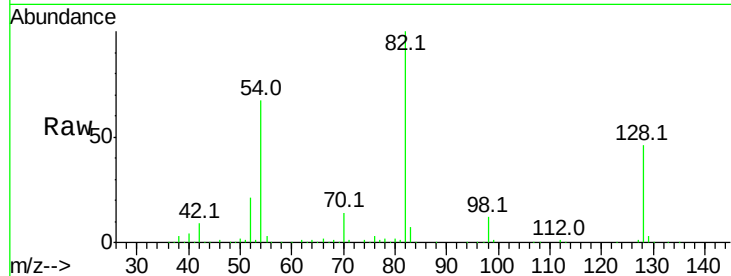




#23
 Nitrobenzene-d5
 Concen: 58.287 ng
 RT: 7.03 min Scan# 875
 Delta R.T. -0.04 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

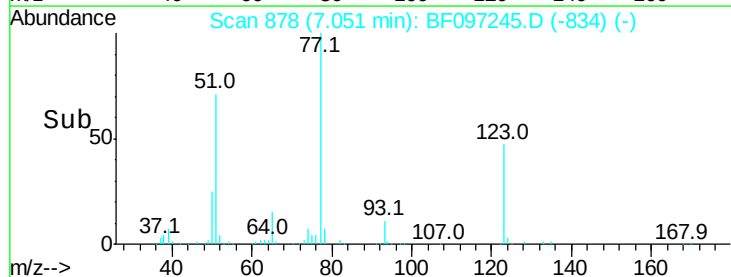
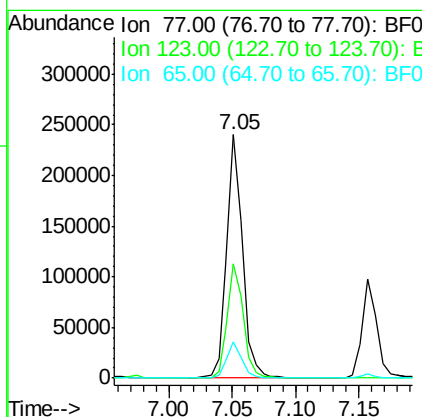
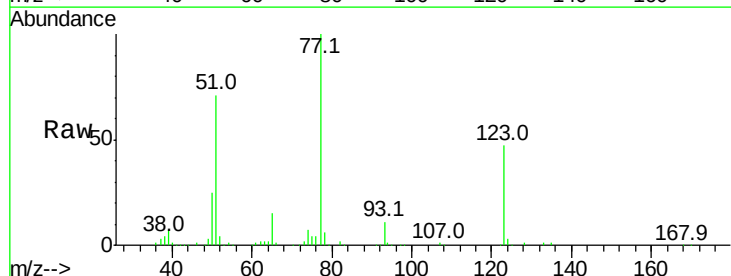
Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4MS

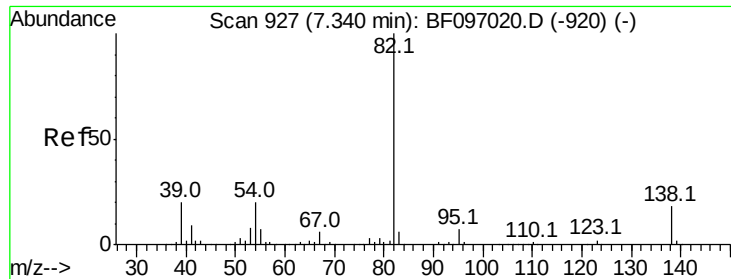
Tot Ion: 82 Resp: 385173
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.0 51.0
 54 67.5 42.2 63.2#



#24
 Nitrobenzene
 Concen: 30.310 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.04 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

Tgt Ion: 77 Resp: 208603
 Ion Ratio Lower Upper
 77 100
 123 47.1 35.8 53.8
 65 14.8 10.6 15.8





#25

Isophorone

Concen: 27.509 ng

RT: 7.29 min Scan# 919

Delta R.T. -0.05 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

Instrument :

BNA_F

ClientSampleId :

HDD-PILWC4MS

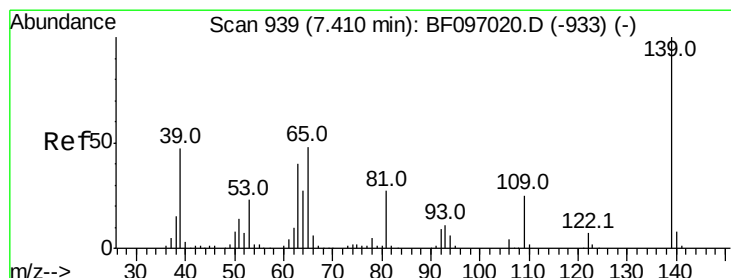
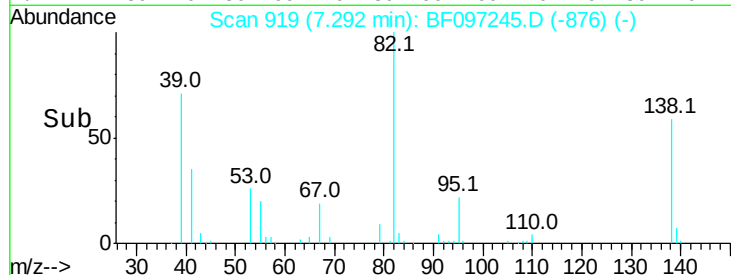
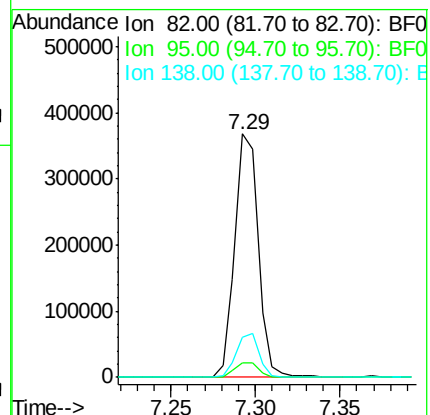
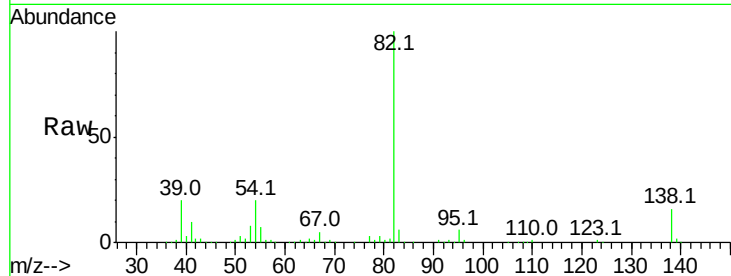
Tot Ion: 82 Resp: 356007

Ion Ratio Lower Upper

82 100

95 6.2 5.3 7.9

138 16.5 13.1 19.7



#26

2-Nitrophenol

Concen: 24.565 ng

RT: 7.37 min Scan# 933

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

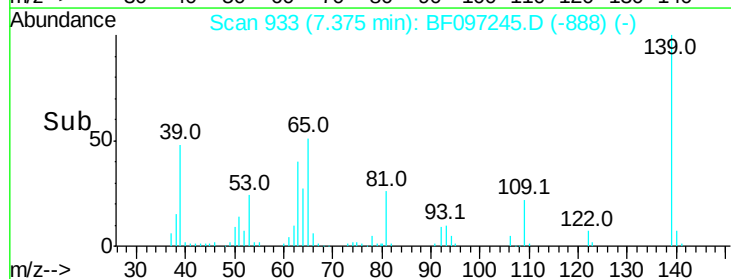
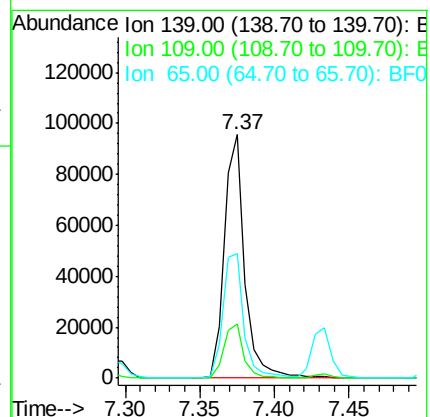
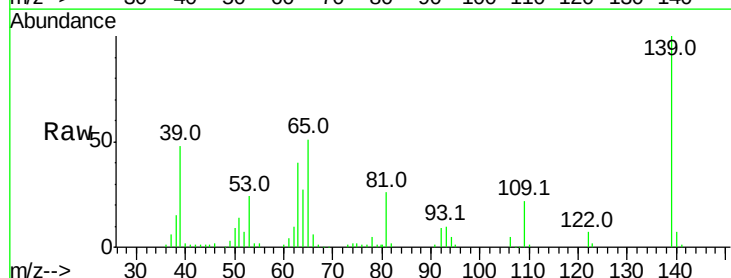
Tgt Ion: 139 Resp: 91468

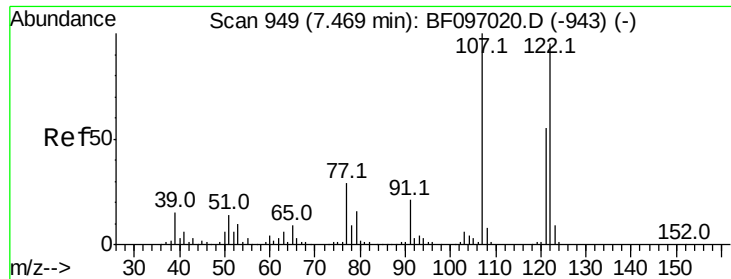
Ion Ratio Lower Upper

139 100

109 22.2 21.0 31.6

65 51.0 33.0 49.6#

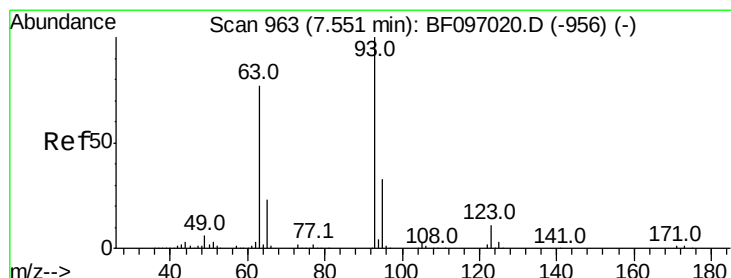
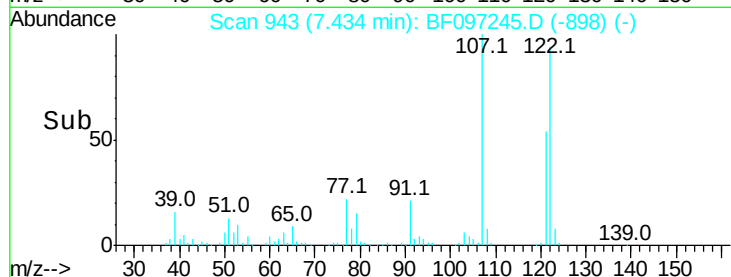
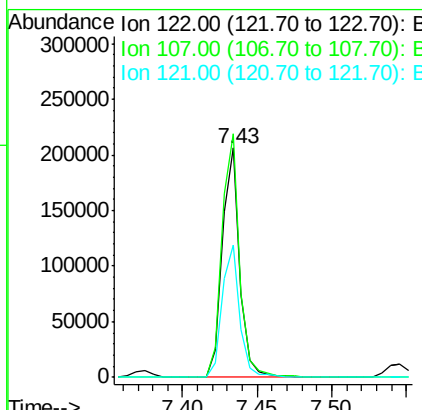
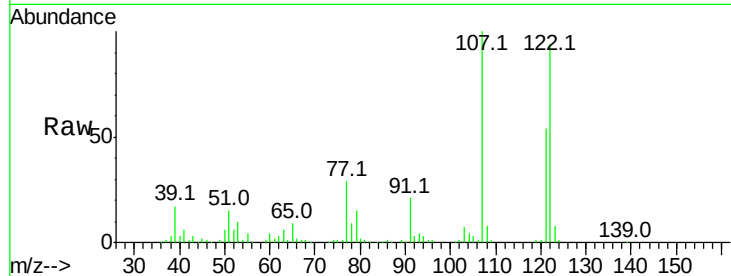




#27
 2,4-Dimethylphenol
 Concen: 27.669 ng
 RT: 7.43 min Scan# 943
 Delta R.T. -0.04 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

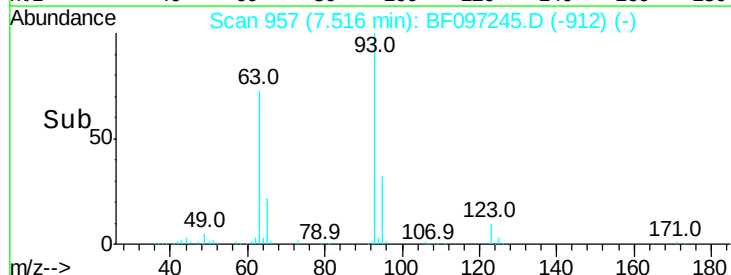
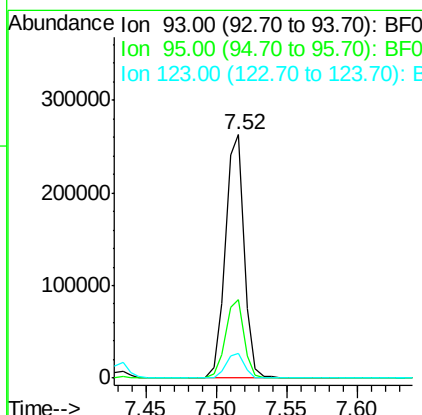
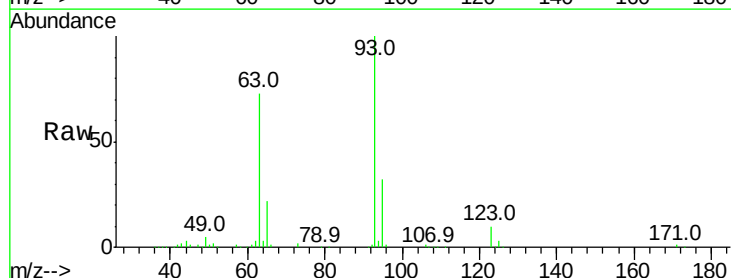
Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4MS

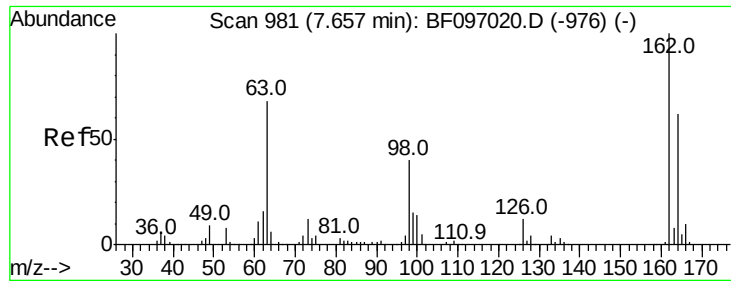
Tot Ion	Ratio	Lower	Upper
122	100		
107	106.3	89.2	133.8
121	57.6	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 28.700 ng
 RT: 7.52 min Scan# 957
 Delta R.T. -0.04 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	10.2	9.0	13.4

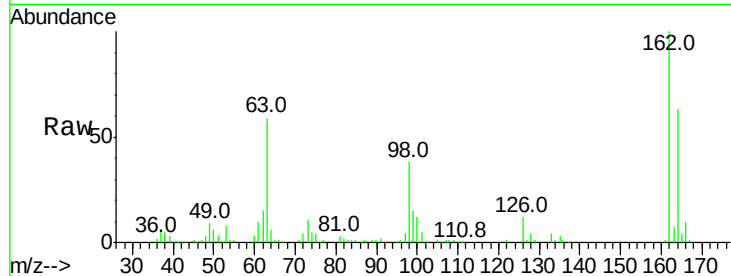




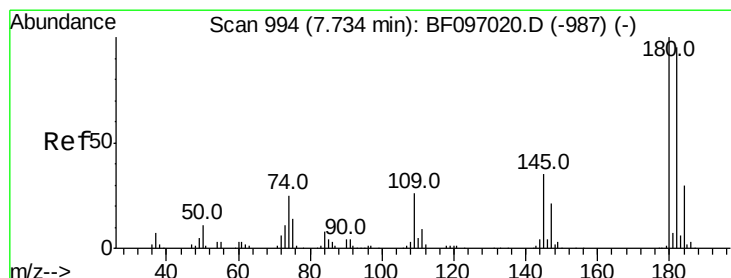
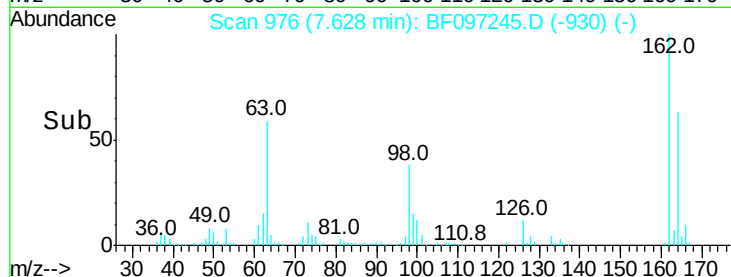
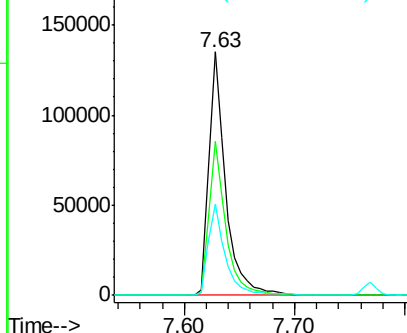
#29
 2,4-Dichlorophenol
 Concen: 25.918 ng
 RT: 7.63 min Scan# 976
 Delta R.T. -0.03 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4MS

Tot Ion:162 Resp: 137140
 Ion Ratio Lower Upper
 162 100
 164 63.1 44.6 84.6
 98 37.7 14.8 54.8

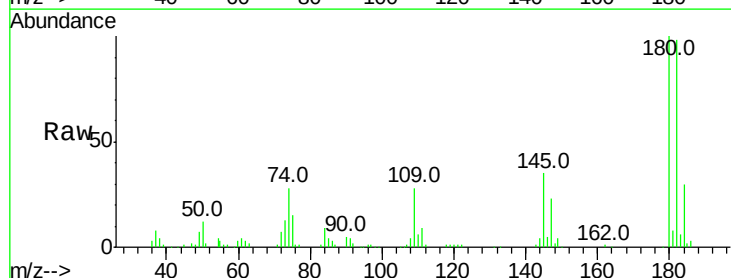


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

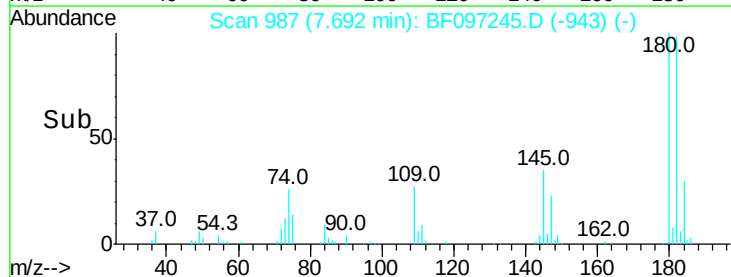
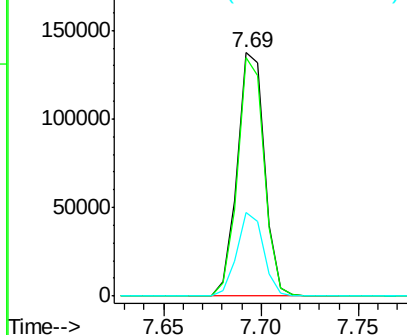


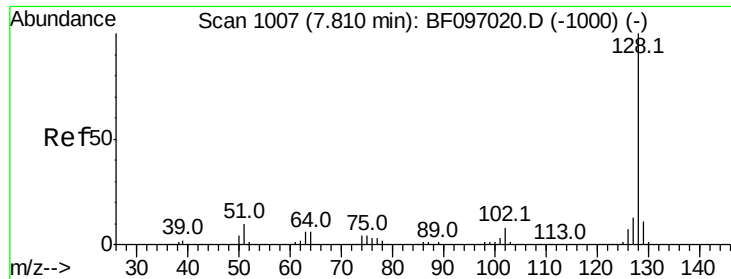
#30
 1,2,4-Trichlorobenzene
 Concen: 26.400 ng
 RT: 7.69 min Scan# 987
 Delta R.T. -0.04 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

Tgt Ion:180 Resp: 133152
 Ion Ratio Lower Upper
 180 100
 182 98.1 75.8 113.6
 145 34.5 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

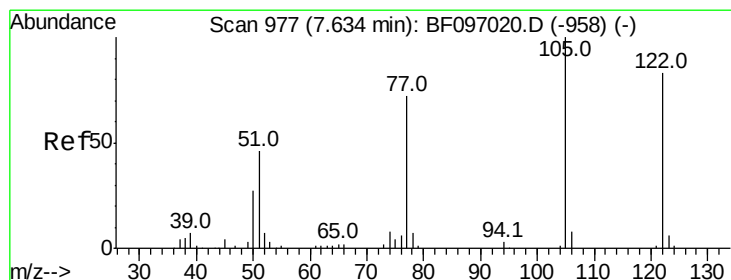
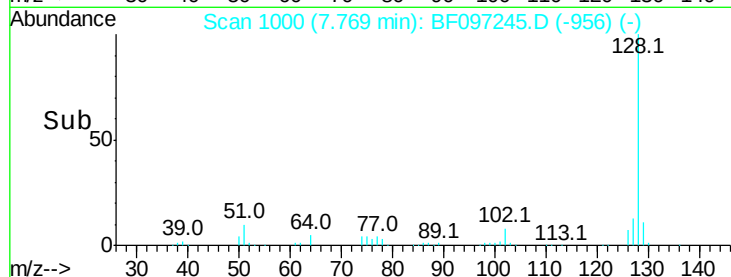
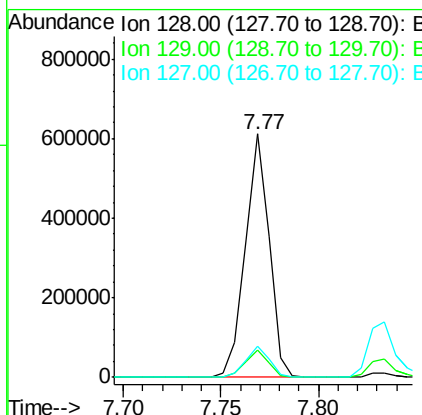
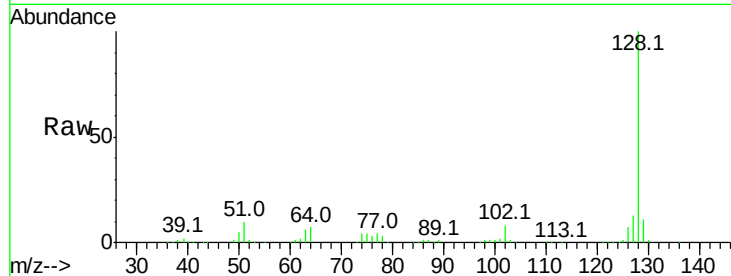




#31
Naphthalene
Concen: 28.453 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.04 min
Lab File: BF097245.D
Acq: 1 Aug 2017 21:33

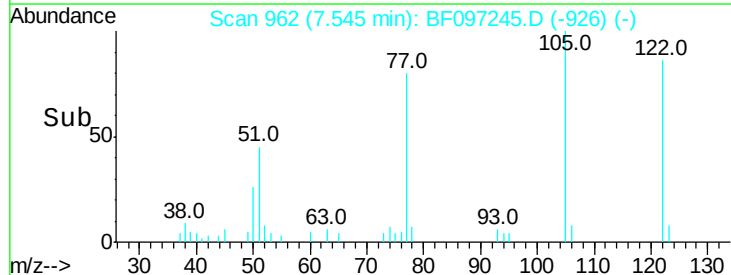
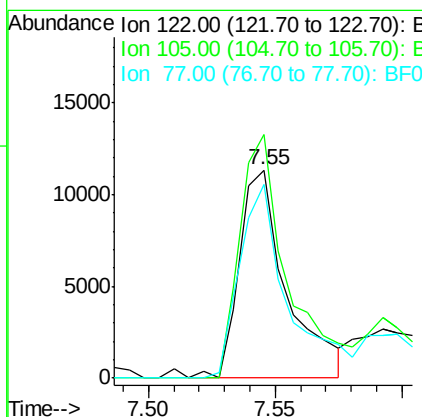
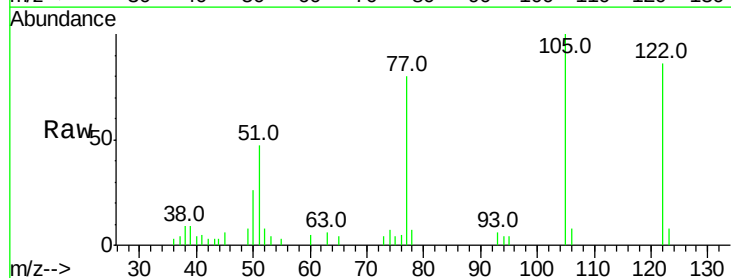
Instrument :
BNA_F
ClientSampleId :
HDD-PILWC4MS

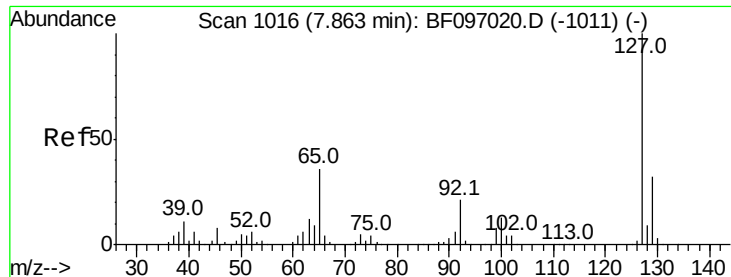
Tot Ion:128 Resp: 519946
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 12.8 10.8 16.2



#32
Benzoic acid
Concen: 3.213 ng
RT: 7.55 min Scan# 962
Delta R.T. -0.09 min
Lab File: BF097245.D
Acq: 1 Aug 2017 21:33

Tgt Ion:122 Resp: 14736
Ion Ratio Lower Upper
122 100
105 116.9 103.3 143.3
77 93.2 73.7 113.7

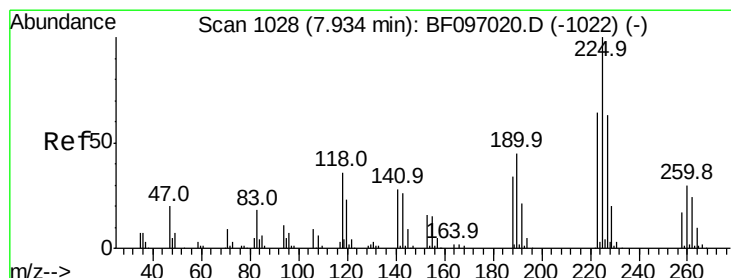
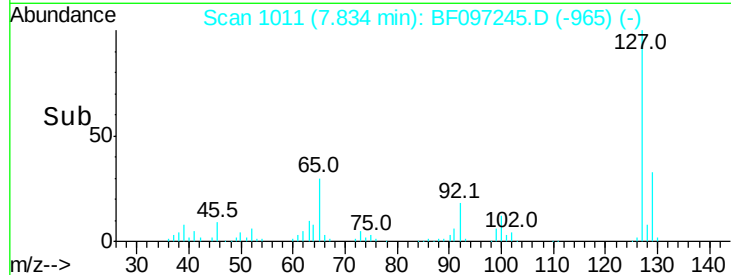
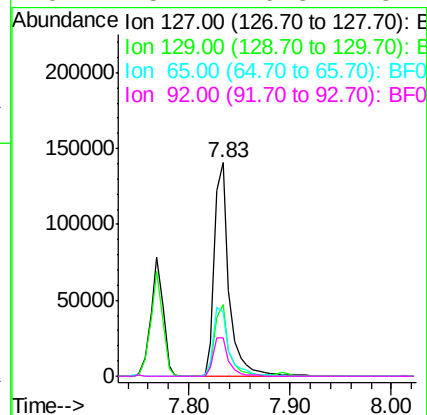
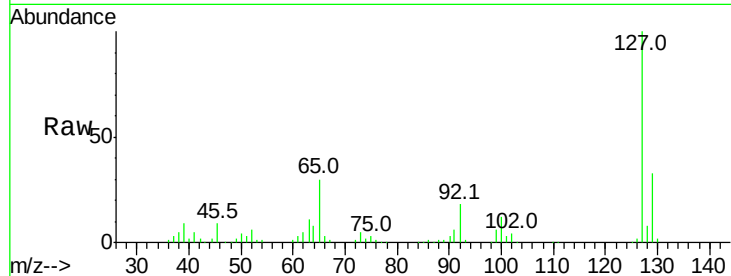




#33
 4-Chloroaniline
 Concen: 19.214 ng
 RT: 7.83 min Scan# 1011
 Delta R.T. -0.03 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

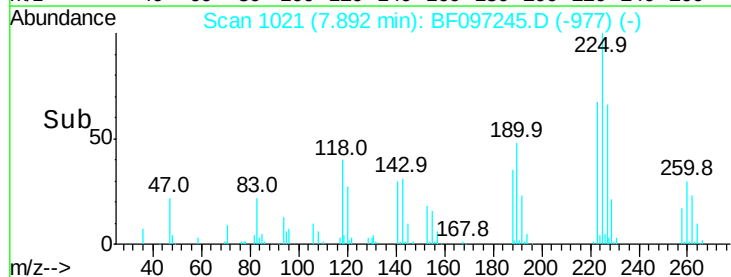
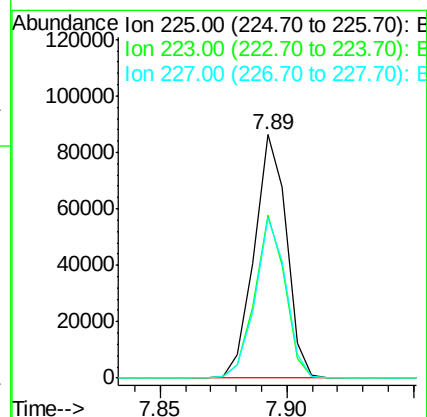
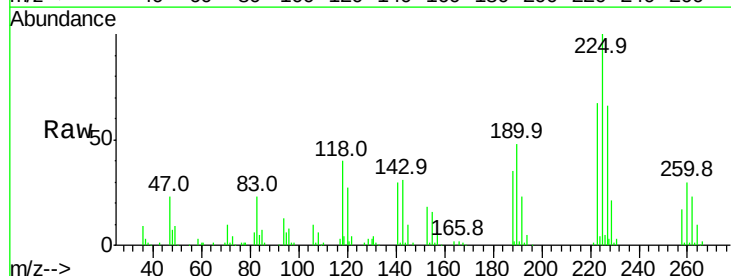
Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4MS

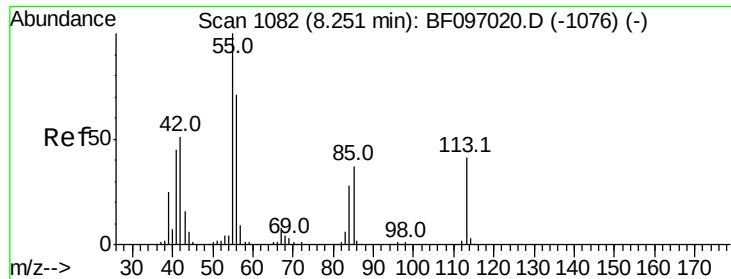
Tot Ion:	127	Resp:	142869
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.2	39.2
65	30.1	27.8	41.8
92	18.2	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 28.705 ng
 RT: 7.89 min Scan# 1021
 Delta R.T. -0.04 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

Tgt Ion:	225	Resp:	76752
Ion	Ratio	Lower	Upper
225	100		
223	66.7	48.8	73.2
227	66.1	51.1	76.7

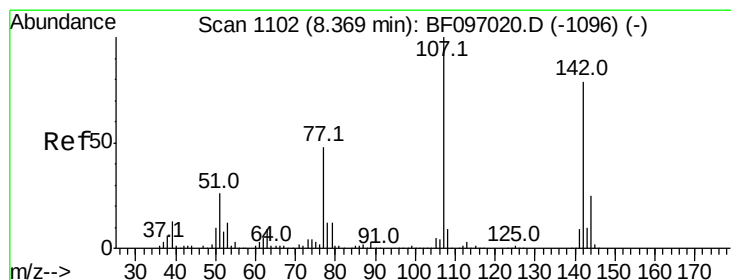
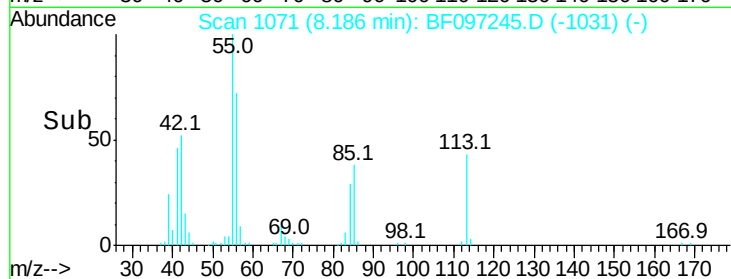
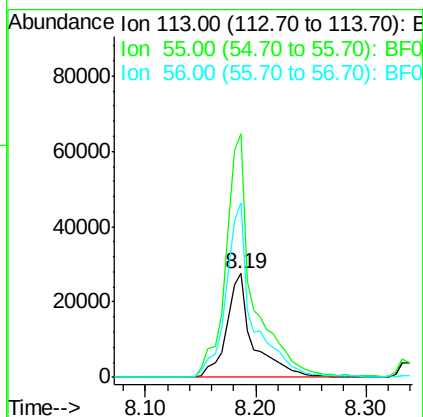
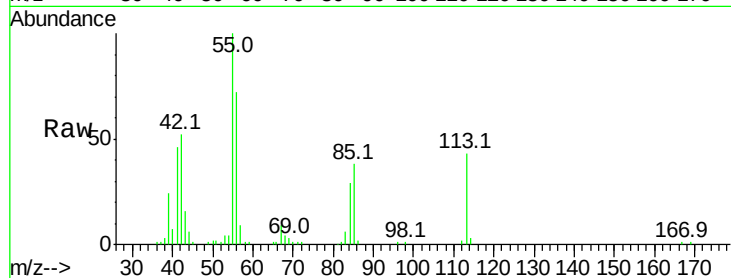




#35
 Caprolactam
 Concen: 27.002 ng
 RT: 8.19 min Scan# 1071
 Delta R.T. -0.06 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

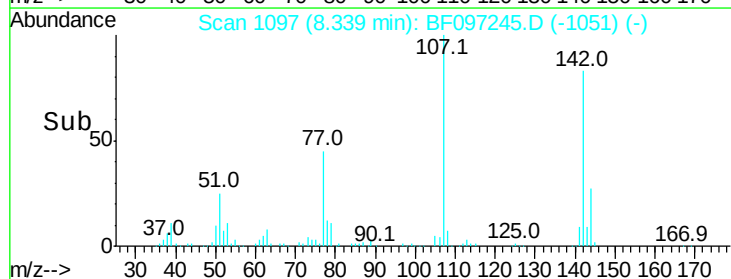
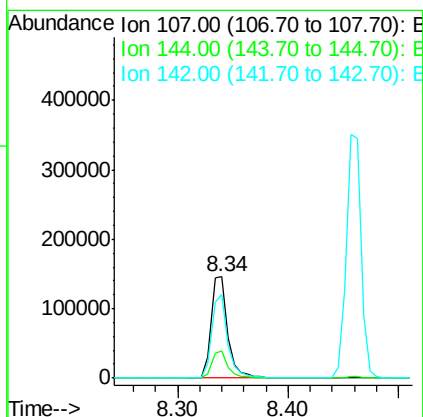
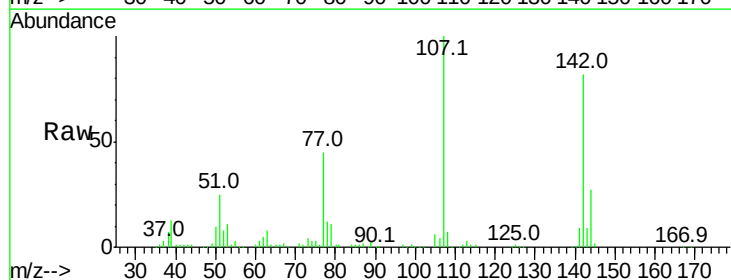
Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4MS

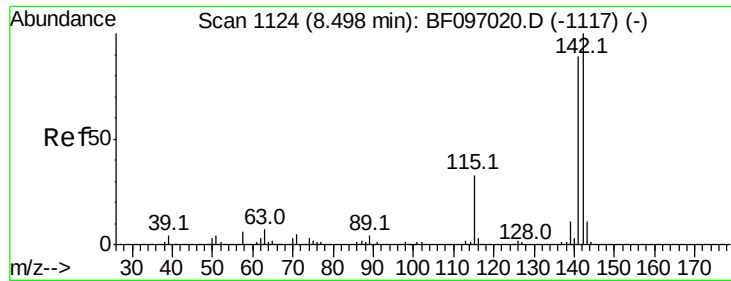
Tot Ion:113 Resp: 45815
 Ion Ratio Lower Upper
 113 100
 55 234.5 150.2 190.2#
 56 168.5 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 25.903 ng
 RT: 8.34 min Scan# 1097
 Delta R.T. -0.03 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

Tgt Ion:107 Resp: 149529
 Ion Ratio Lower Upper
 107 100
 144 26.7 24.2 36.4
 142 82.5 73.4 110.0





#37

2-Methylnaphthalene

Concen: 28.786 ng

RT: 8.46 min Scan# 1117

Delta R.T. -0.04 min

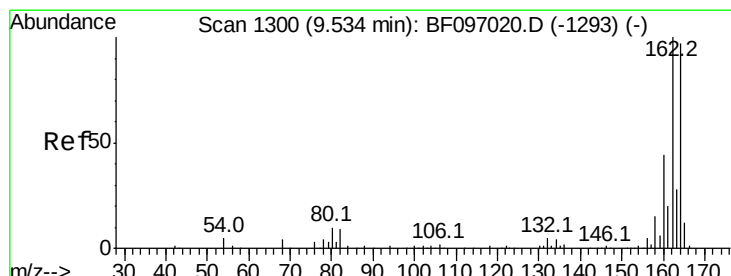
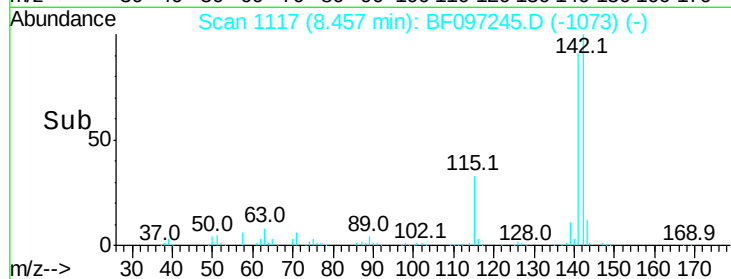
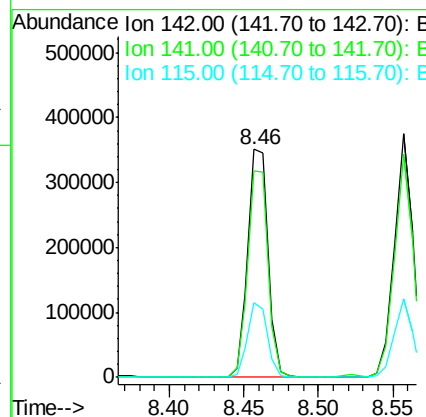
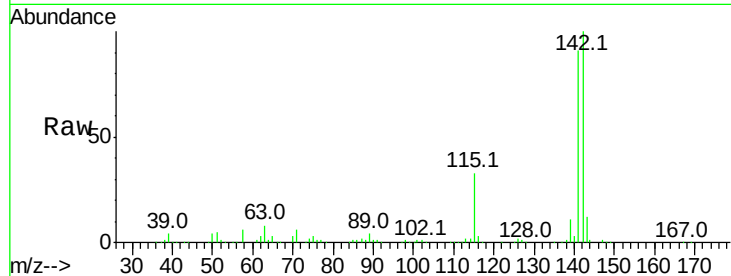
Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

Instrument :
BNA_F
ClientSampleId :
HDD-PILWC4MS

Tot Ion:142 Resp: 333058

Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.3	106.9
115	33.0	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.49 min Scan# 1293

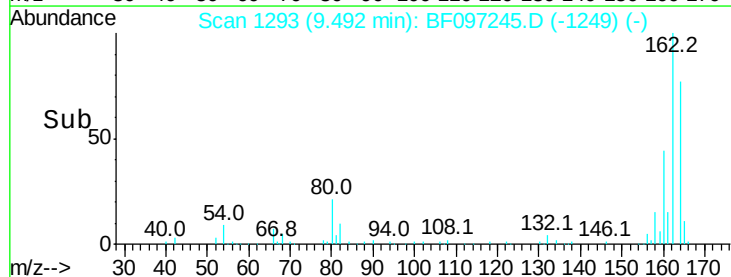
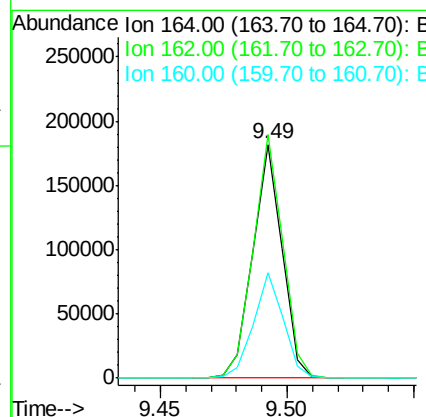
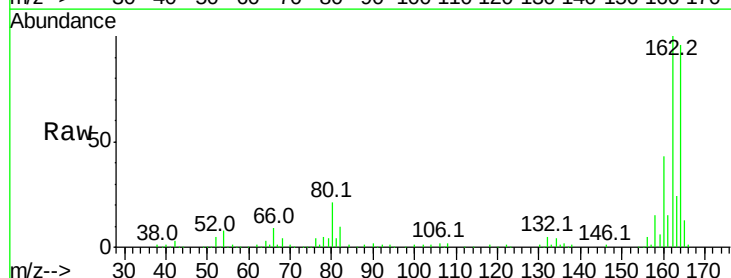
Delta R.T. -0.04 min

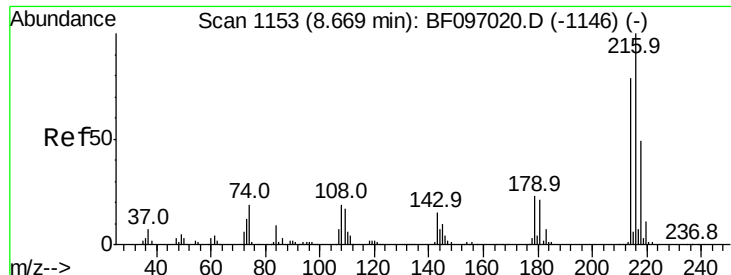
Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

Tgt Ion:164 Resp: 146413

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	44.9	36.2	54.2

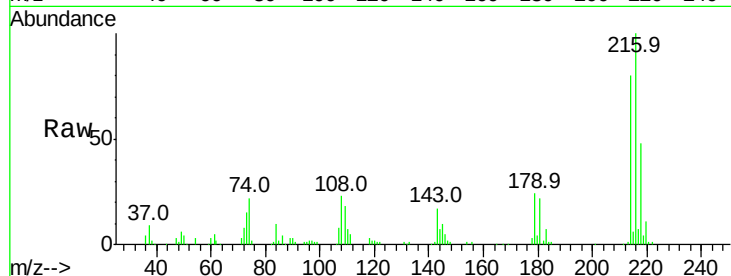




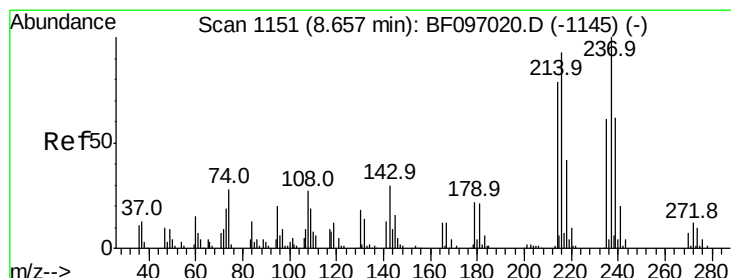
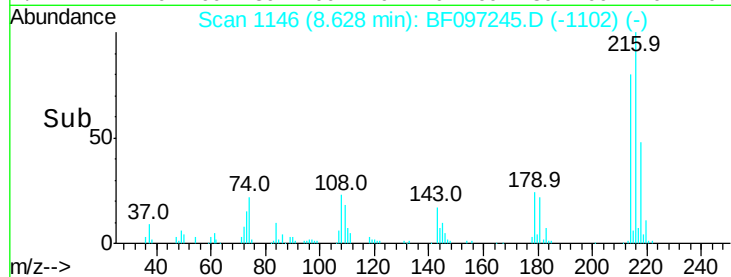
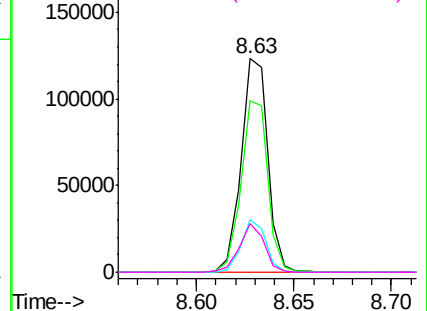
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.793 ng
 RT: 8.63 min Scan# 1146
 Delta R.T. -0.04 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4MS

Tot Ion:	216	Resp:	116393
Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.4	95.2
179	22.6	17.9	26.9
108	21.0	16.5	24.7

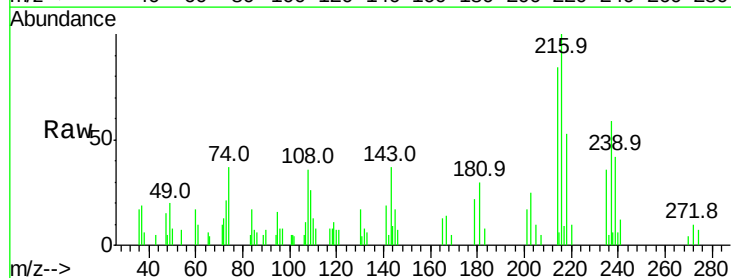


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

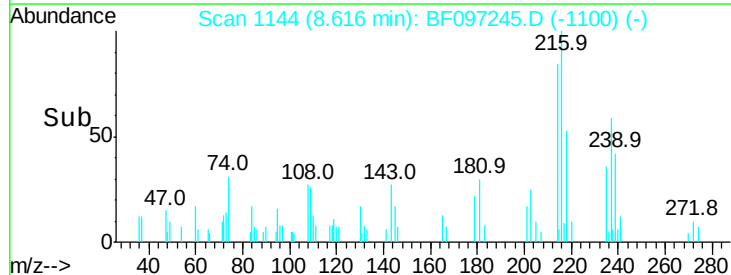
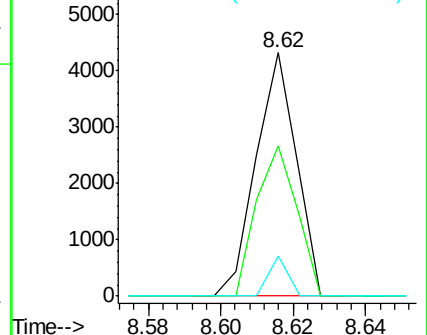


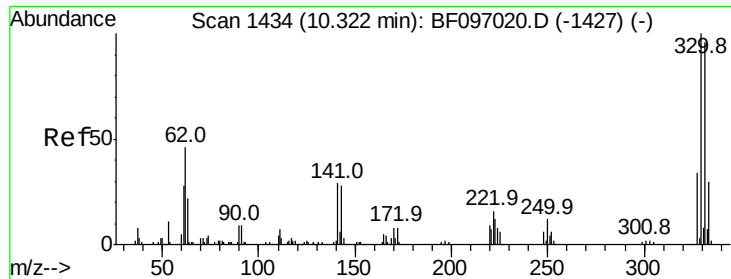
#40
 Hexachlorocyclopentadiene
 Concen: 8.815 ng
 RT: 8.62 min Scan# 1144
 Delta R.T. -0.04 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

Tgt Ion:	237	Resp:	3311
Ion	Ratio	Lower	Upper
237	100		
235	61.7	42.6	82.6
272	16.5	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

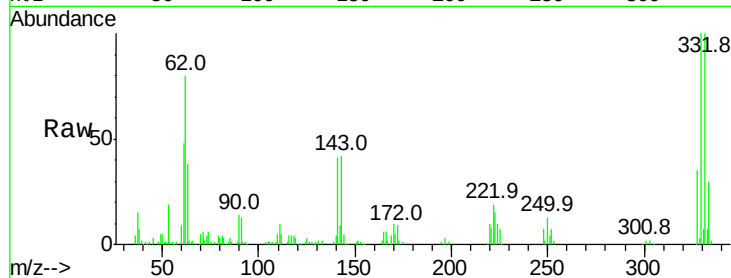




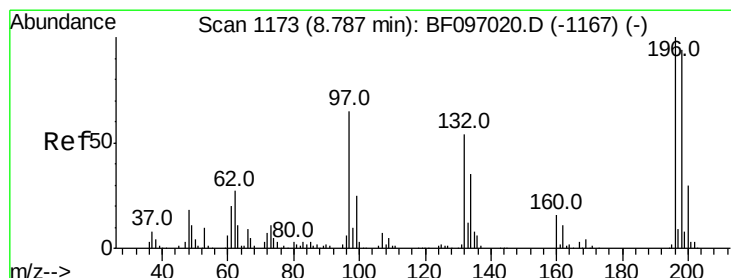
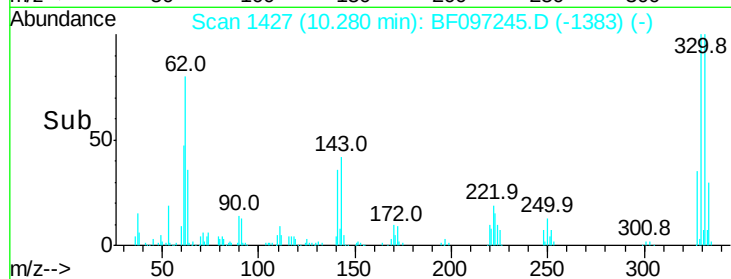
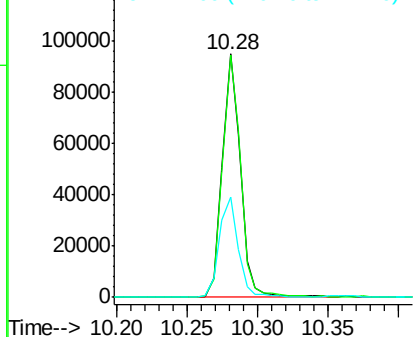
#41
 2,4,6-Tribromophenol
 Concen: 73.821 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.04 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4MS

Tot Ion:330 Resp: 85397
 Ion Ratio Lower Upper
 330 100
 332 99.5 76.6 115.0
 141 42.9 31.4 47.2

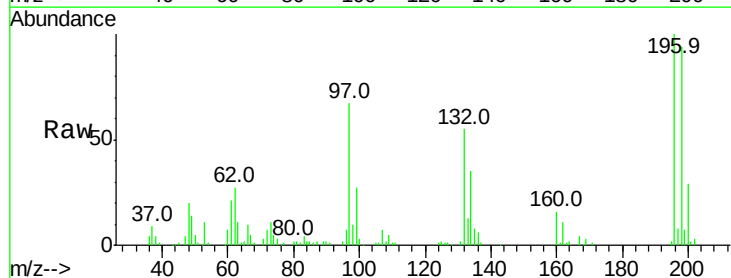


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

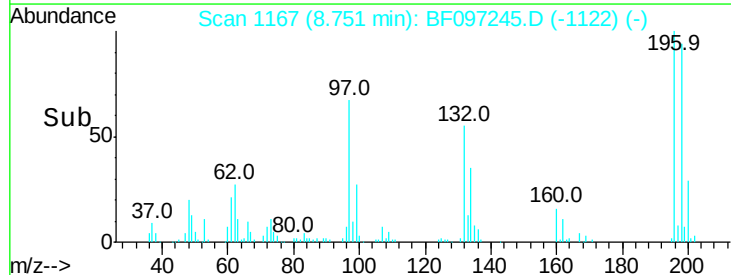
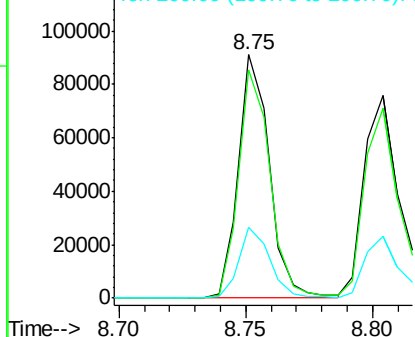


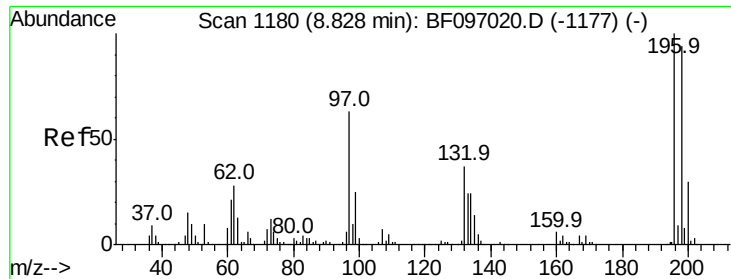
#42
 2,4,6-Trichlorophenol
 Concen: 27.469 ng
 RT: 8.75 min Scan# 1167
 Delta R.T. -0.04 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

Tgt Ion:196 Resp: 77767
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.2 111.4
 200 29.2 24.0 36.0



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

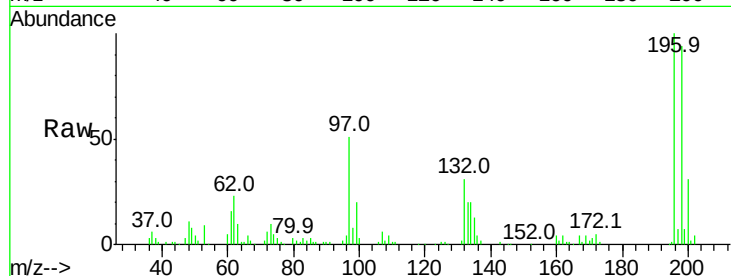




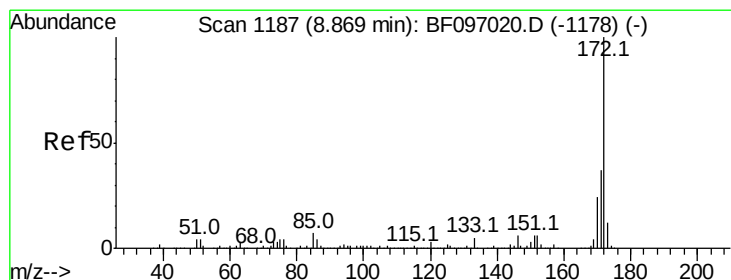
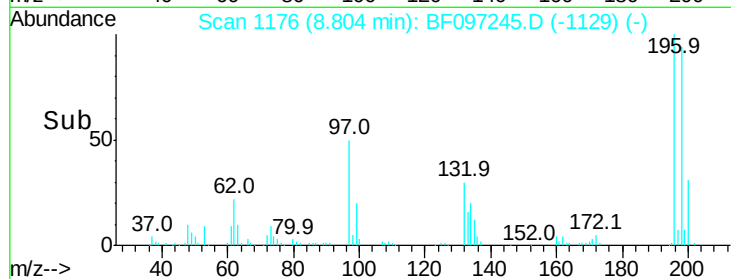
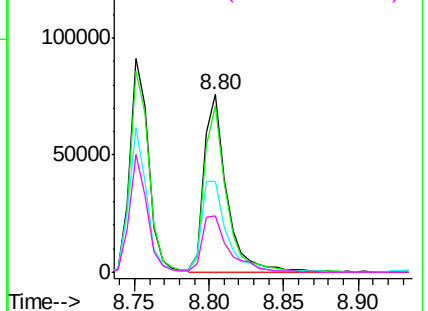
#43
 2,4,5-Trichlorophenol
 Concen: 28.009 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4MS

Tot Ion:	196	Resp:	79369
Ion	Ratio	Lower	Upper
196	100		
198	93.5	75.7	113.5
97	51.5	47.7	71.5
132	31.5	28.0	42.0

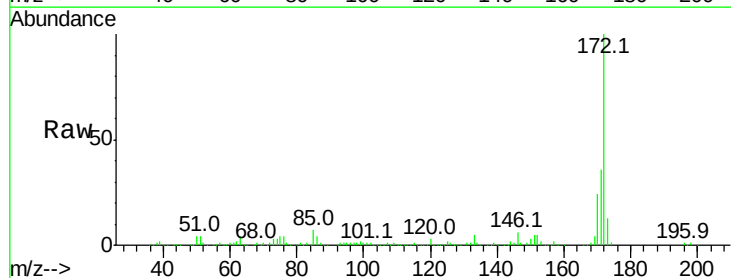


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

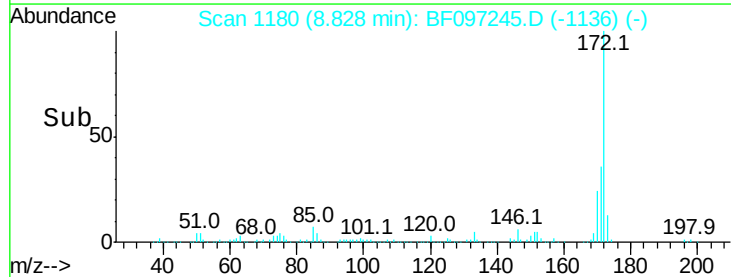
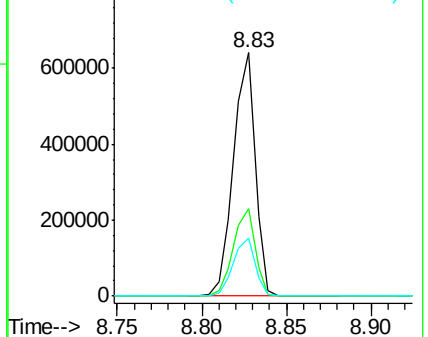


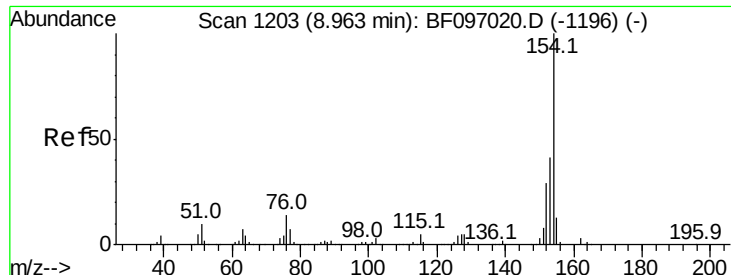
#44
 2-Fluorobiphenyl
 Concen: 66.548 ng
 RT: 8.83 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

Tgt Ion:	172	Resp:	574123
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.6	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: 28.986 ng

RT: 8.92 min Scan# 1196

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

Instrument :

BNA_F

ClientSampleId :

HDD-PILWC4MS

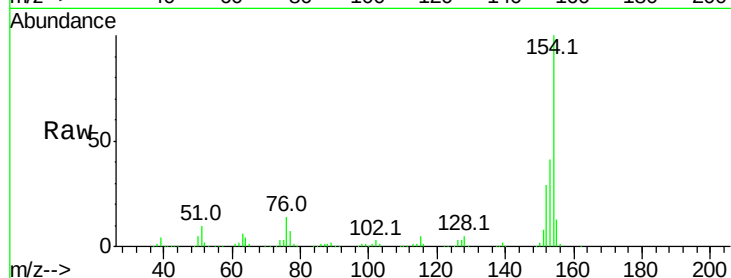
Tot Ion:154 Resp: 362487

Ion Ratio Lower Upper

154 100

153 41.3 21.2 61.2

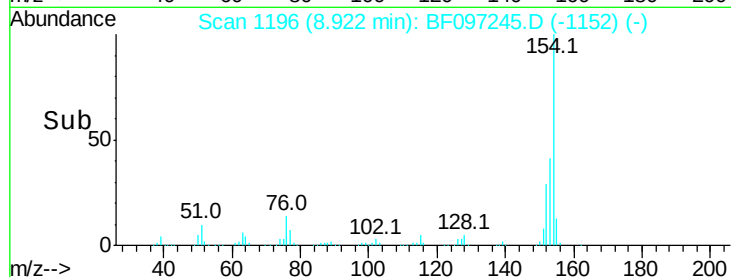
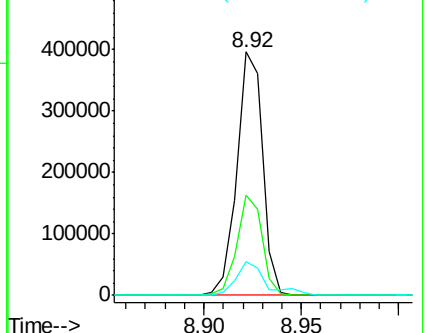
76 14.0 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 29.621 ng

RT: 8.95 min Scan# 1200

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

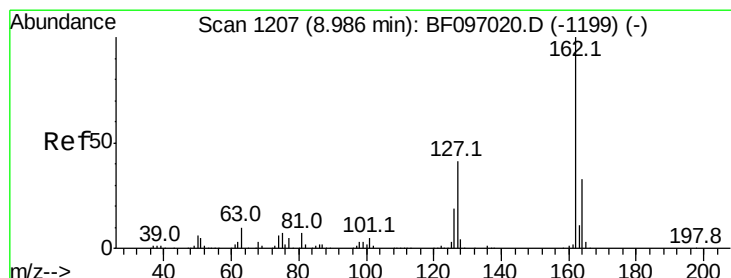
Tgt Ion:162 Resp: 272599

Ion Ratio Lower Upper

162 100

127 41.0 28.3 42.5

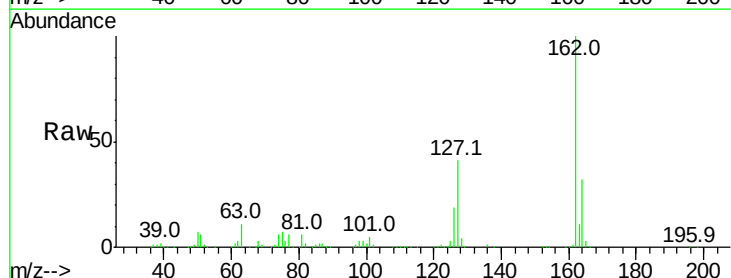
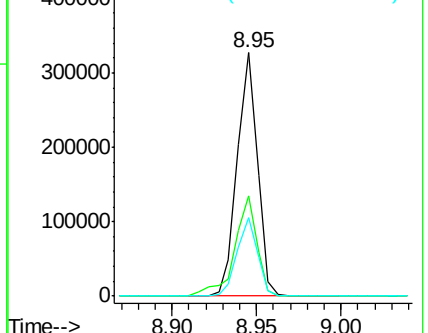
164 32.2 27.0 40.4

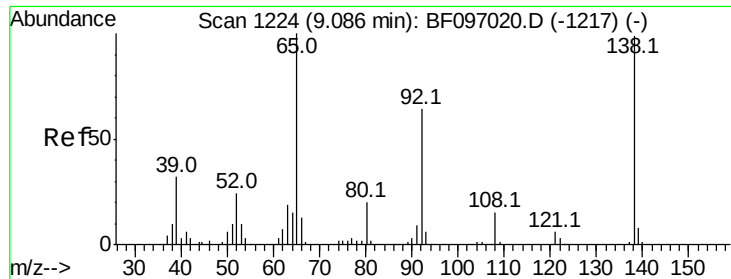


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

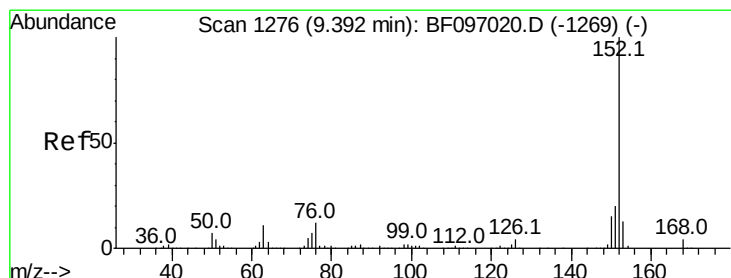
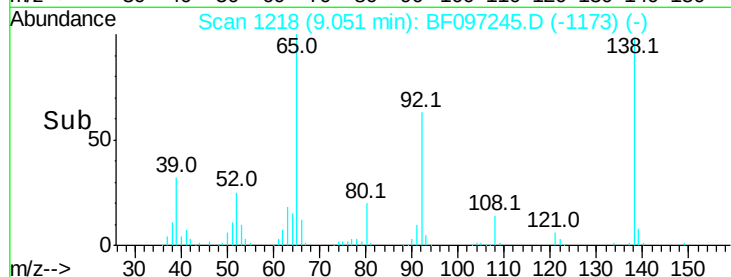
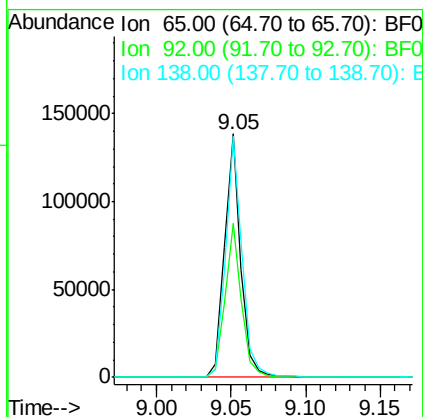
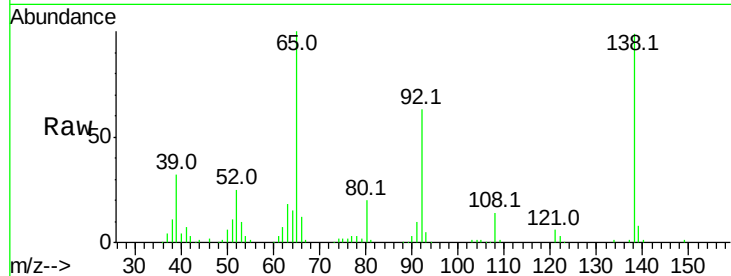




#47
2-Nitroaniline
Concen: 32.066 ng
RT: 9.05 min Scan# 1218
Delta R.T. -0.04 min
Lab File: BF097245.D
Acq: 1 Aug 2017 21:33

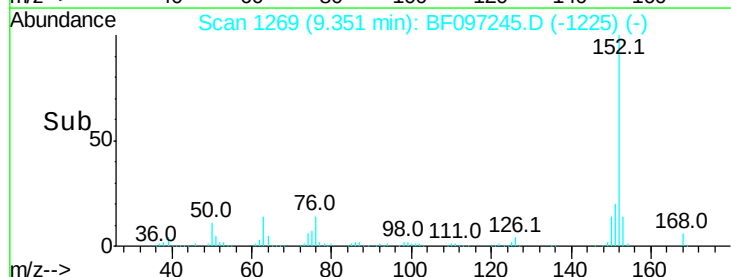
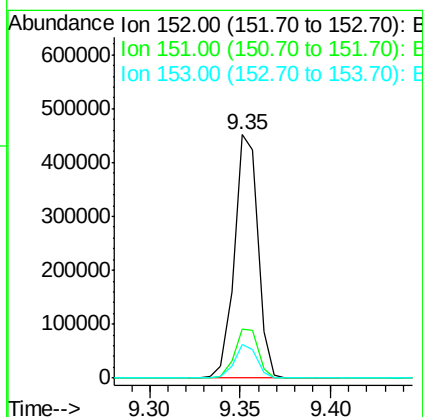
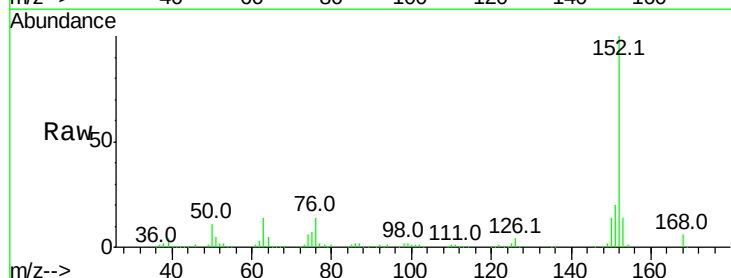
Instrument :
BNA_F
ClientSampleId :
HDD-PILWC4MS

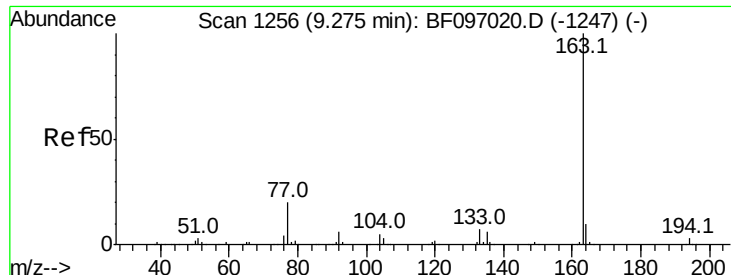
Tot Ion: 65 Resp: 107095
Ion Ratio Lower Upper
65 100
92 63.3 53.9 80.9
138 99.2 78.8 118.2



#48
Acenaphthylene
Concen: 28.814 ng
RT: 9.35 min Scan# 1269
Delta R.T. -0.04 min
Lab File: BF097245.D
Acq: 1 Aug 2017 21:33

Tgt Ion:152 Resp: 407016
Ion Ratio Lower Upper
152 100
151 20.0 16.8 25.2
153 13.6 10.8 16.2

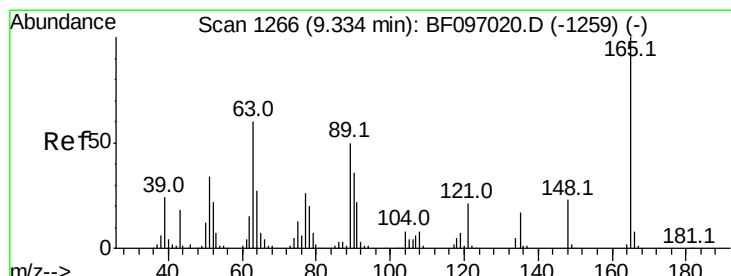
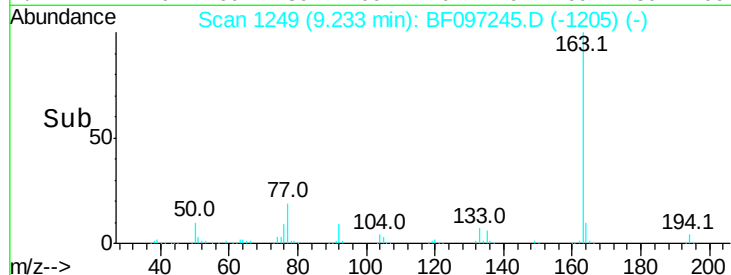
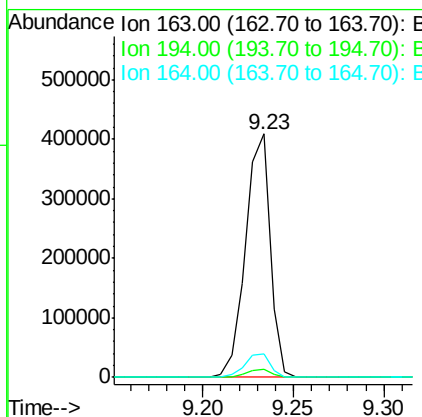
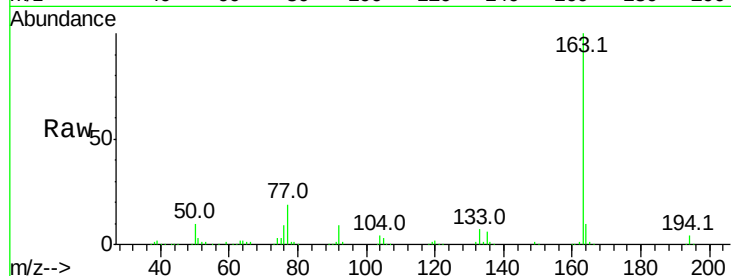




#49
Dimethylphthalate
Concen: 34.894 ng
RT: 9.23 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF097245.D
Acq: 1 Aug 2017 21:33

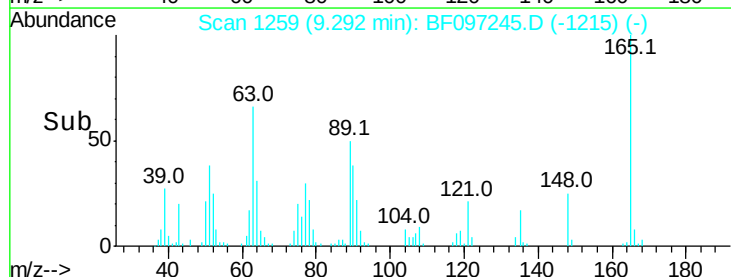
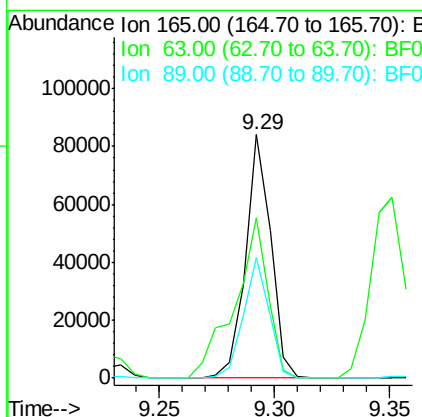
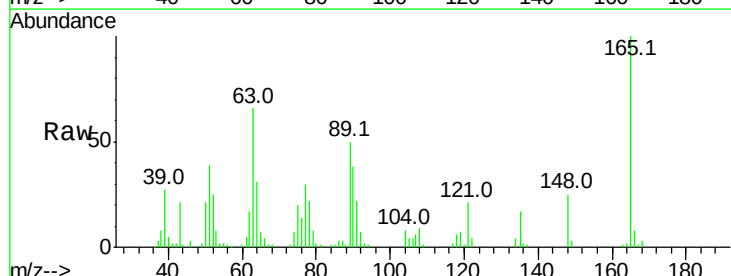
Instrument :
BNA_F
ClientSampleId :
HDD-PILWC4MS

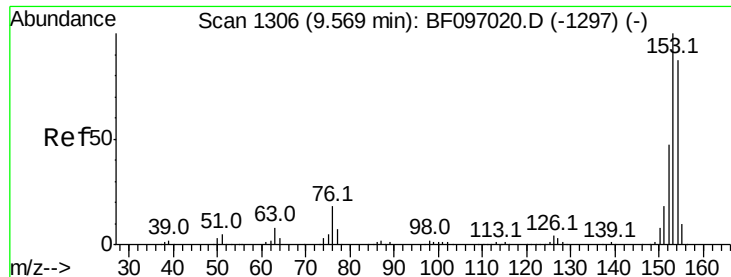
Tot Ion:163 Resp: 387967
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.8 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 27.256 ng
RT: 9.29 min Scan# 1259
Delta R.T. -0.04 min
Lab File: BF097245.D
Acq: 1 Aug 2017 21:33

Tgt Ion:165 Resp: 64273
Ion Ratio Lower Upper
165 100
63 65.8 34.3 51.5#
89 49.6 37.1 55.7





#51

Acenaphthene

Concen: 28.348 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

Instrument :

BNA_F

ClientSampleId :

HDD-PILWC4MS

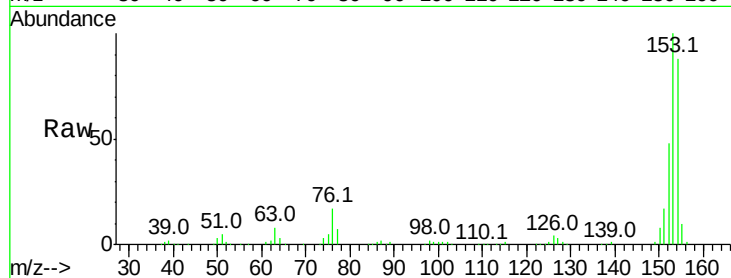
Tot Ion:154 Resp: 235864

Ion Ratio Lower Upper

154 100

153 113.5 90.5 135.7

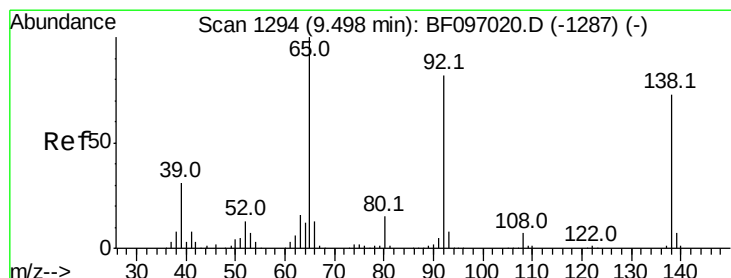
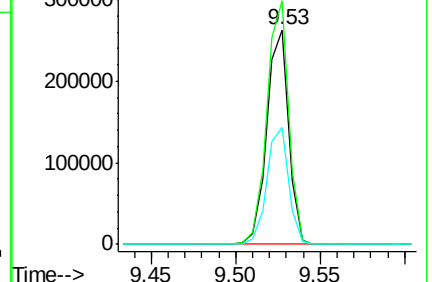
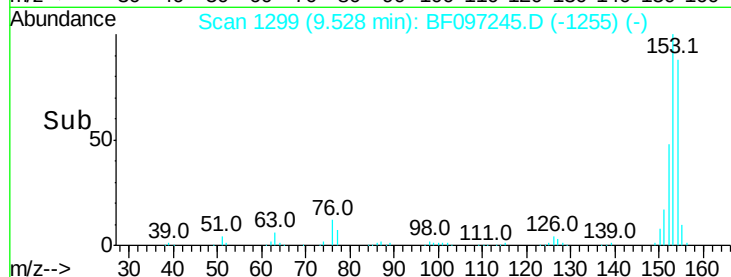
152 54.6 43.6 65.4



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: 25.361 ng

RT: 9.46 min Scan# 1288

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

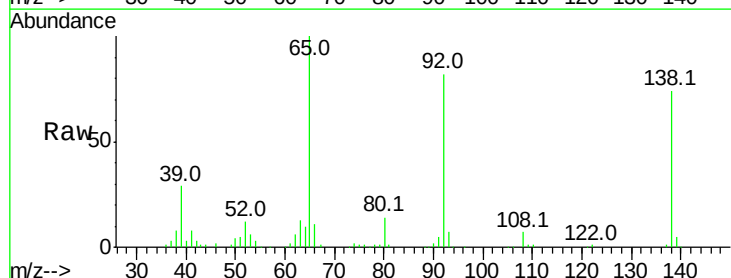
Tgt Ion:138 Resp: 74233

Ion Ratio Lower Upper

138 100

108 9.8 9.1 13.7

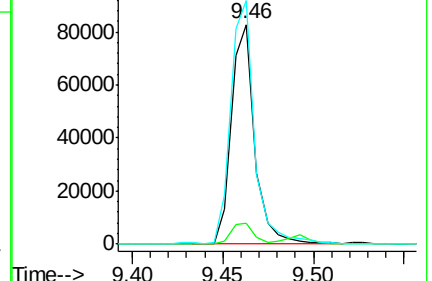
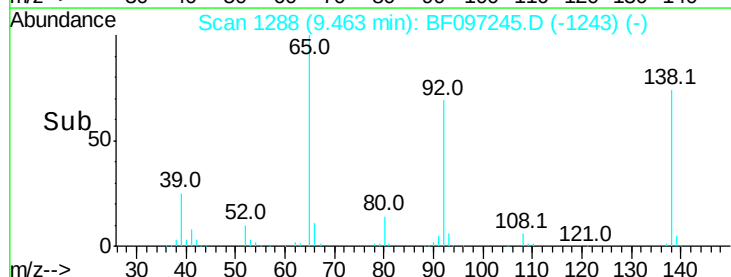
92 111.0 93.8 140.6

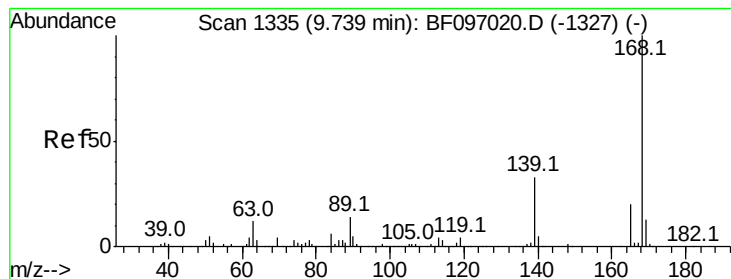


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzofuran

Concen: 30.133 ng

RT: 9.70 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

Instrument :

BNA_F

ClientSampleId :

HDD-PILWC4MS

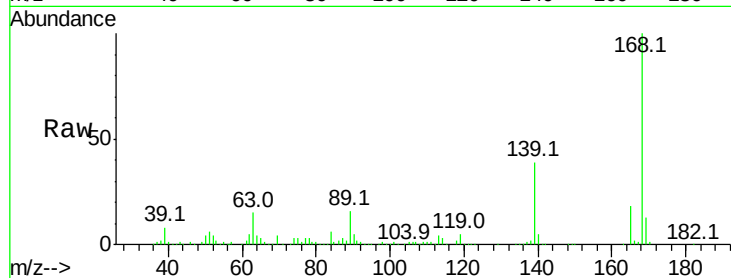
Tot Ion:168 Resp: 333952

Ion Ratio Lower Upper

168 100

139 38.7 30.6 45.8

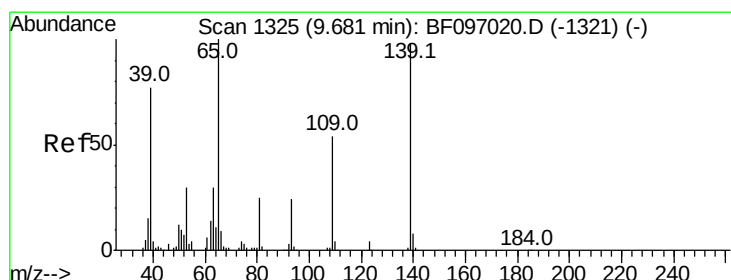
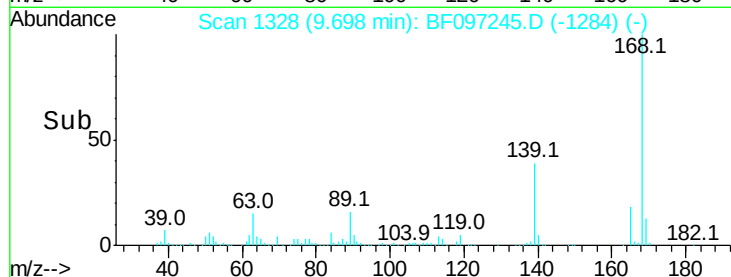
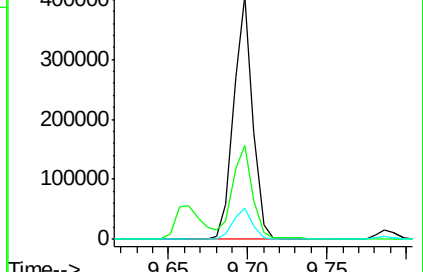
169 12.9 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 38.424 ng

RT: 9.66 min Scan# 1322

Delta R.T. -0.02 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

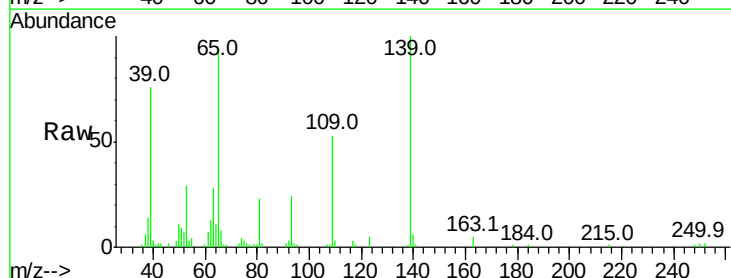
Tgt Ion:139 Resp: 66882

Ion Ratio Lower Upper

139 100

109 52.9 34.1 74.1

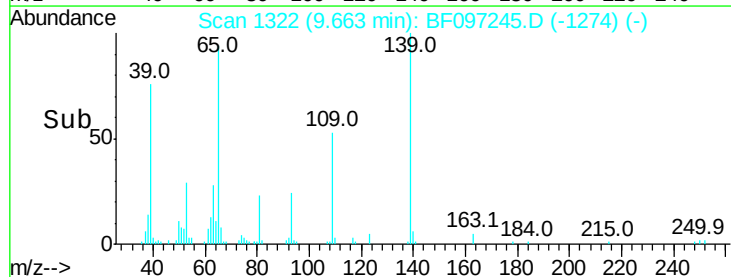
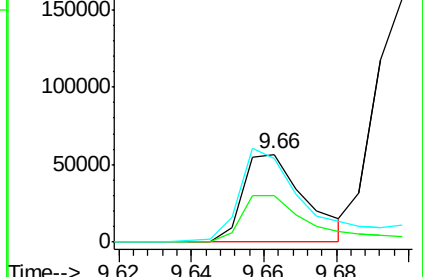
65 94.4 31.4 71.4#

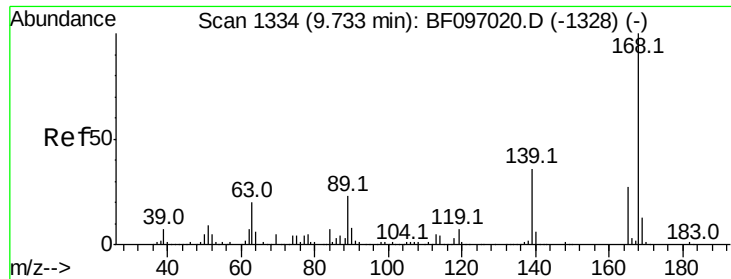


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

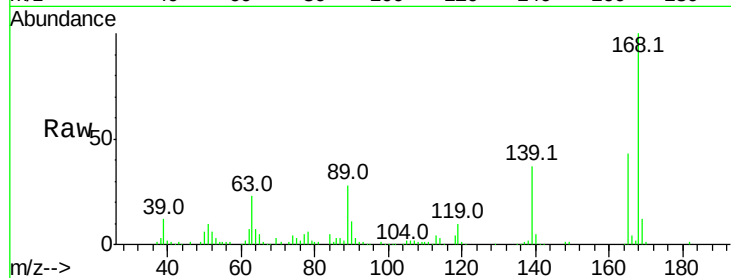




#56
 2,4-Dinitrotoluene
 Concen: 25.955 ng
 RT: 9.70 min Scan# 1329
 Delta R.T. -0.03 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.2	25.4	38.0#
89	66.2	46.4	69.6
182	2.4	1.8	2.6



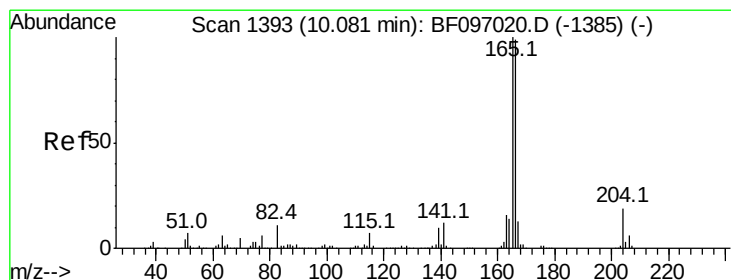
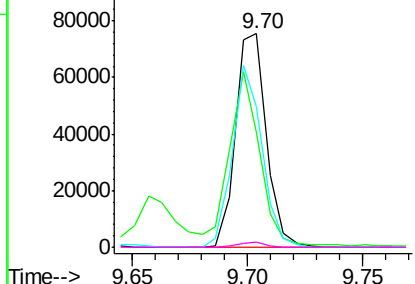
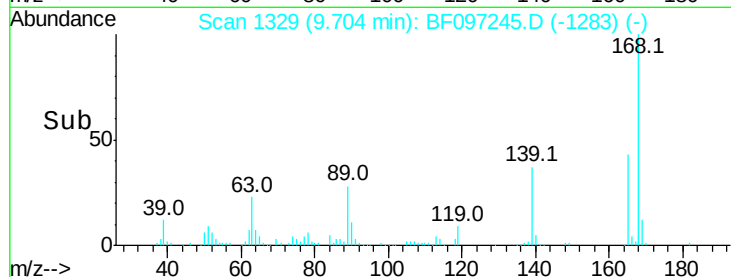
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

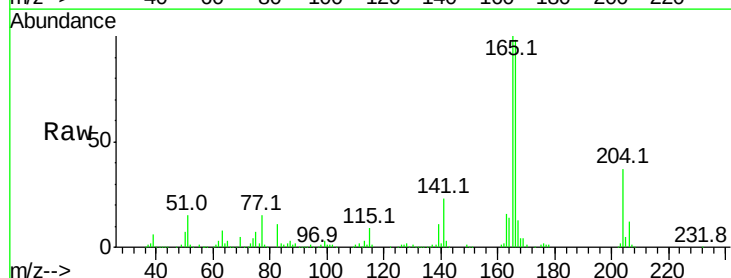
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
 Fluorene
 Concen: 29.345 ng
 RT: 10.04 min Scan# 1386
 Delta R.T. -0.04 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.2	78.8	118.2
167	13.4	10.6	16.0

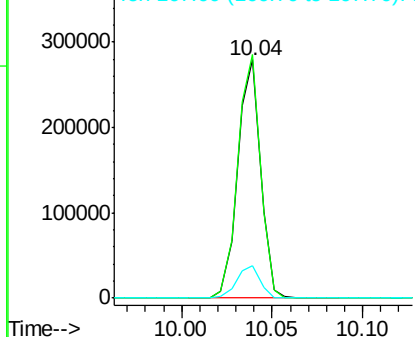
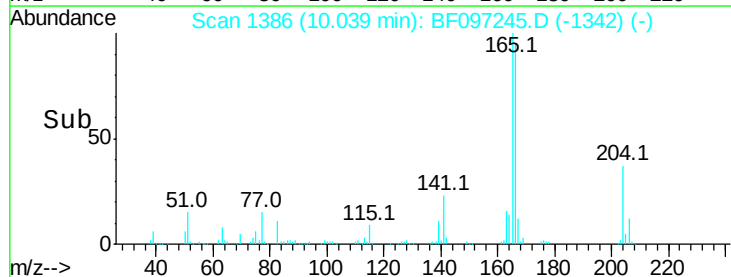


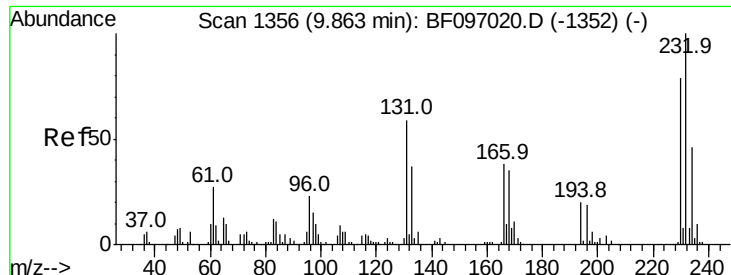
Abundance

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

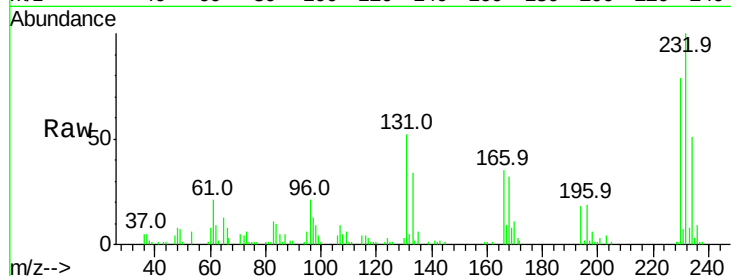




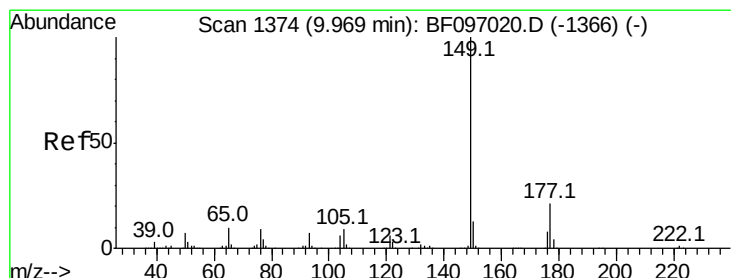
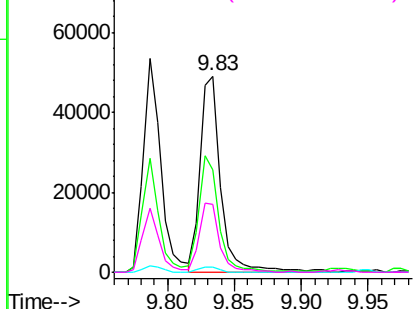
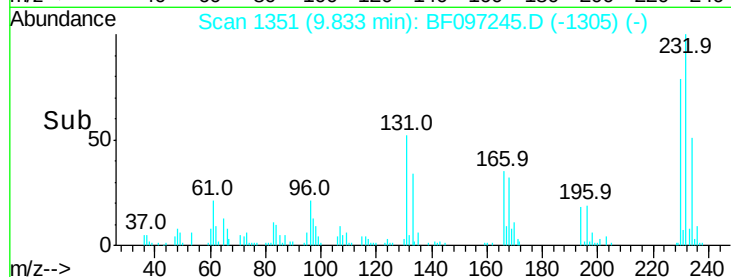
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 26.886 ng
 RT: 9.83 min Scan# 1351
 Delta R.T. -0.03 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4MS

Tot Ion:	232	Resp:	52603
Ion	Ratio	Lower	Upper
232	100		
131	57.6	44.8	67.2
130	2.4	2.3	3.5
166	34.4	29.0	43.4

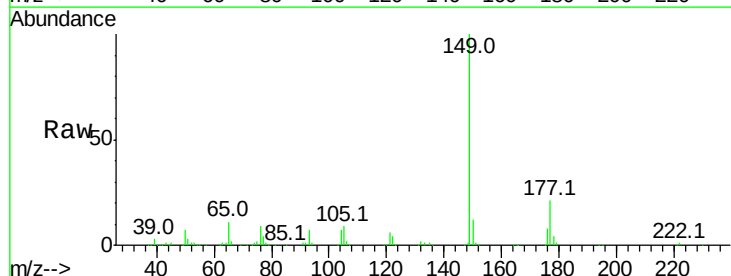


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

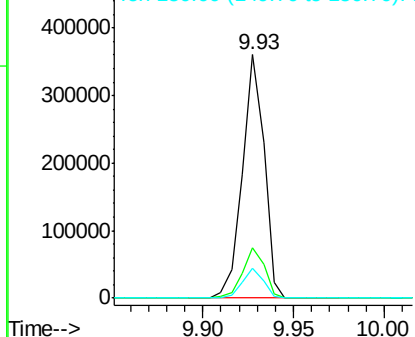
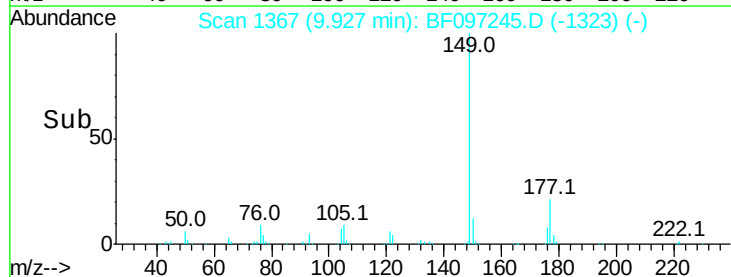


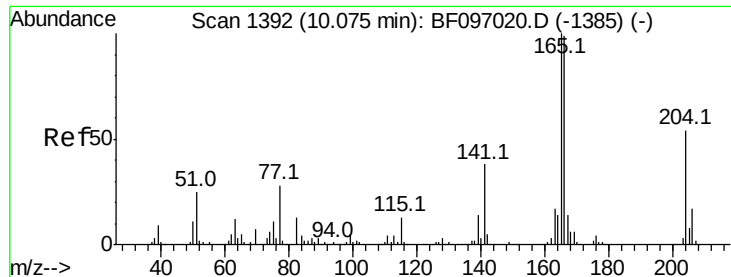
#59
 Diethylphthalate
 Concen: 29.436 ng
 RT: 9.93 min Scan# 1367
 Delta R.T. -0.04 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

Tgt Ion:	149	Resp:	300254
Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.7	25.1
150	12.4	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

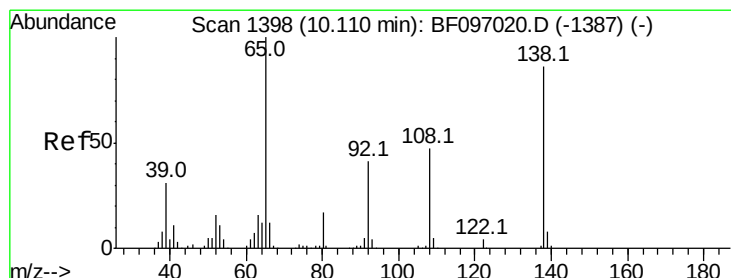
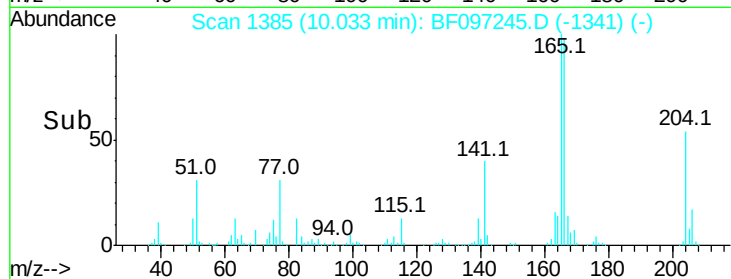
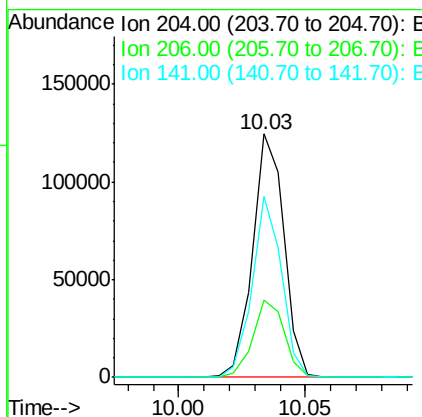
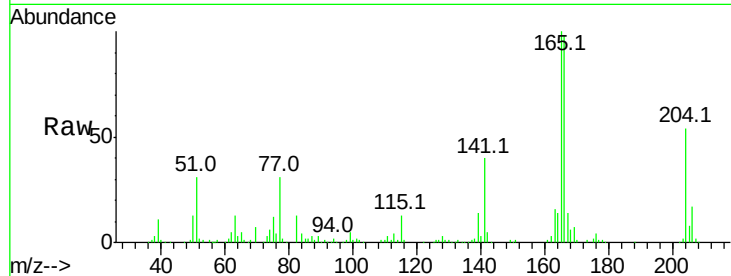




#60
 4-Chlorophenyl-phenylether
 Concen: 31.334 ng
 RT: 10.03 min Scan# 1385
 Delta R.T. -0.04 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

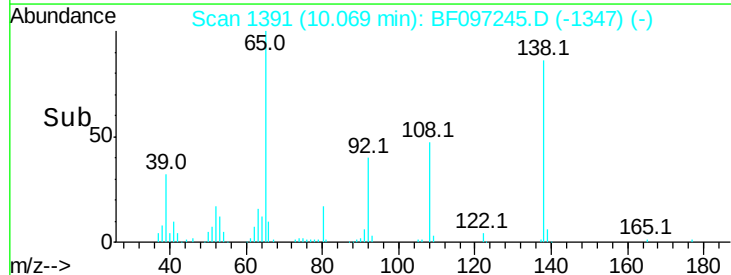
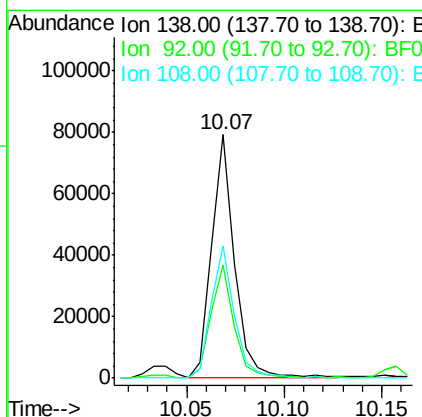
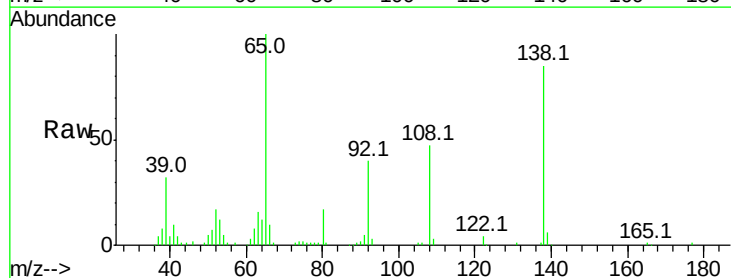
Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4MS

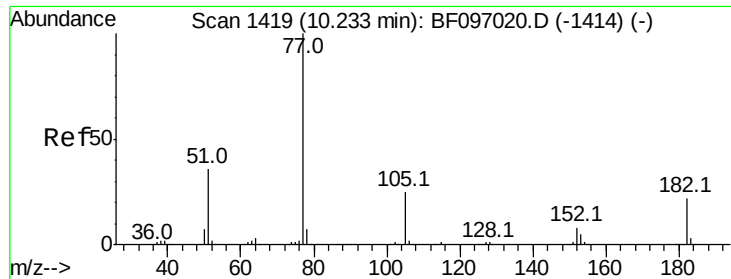
Tot Ion:204 Resp: 107778
 Ion Ratio Lower Upper
 204 100
 206 31.7 26.2 39.2
 141 74.1 60.8 91.2



#61
 4-Nitroaniline
 Concen: 23.345 ng
 RT: 10.07 min Scan# 1391
 Delta R.T. -0.04 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

Tgt Ion:138 Resp: 64926
 Ion Ratio Lower Upper
 138 100
 92 46.5 21.8 61.8
 108 54.6 42.3 82.3





#62

Azobenzene

Concen: 27.249 ng

RT: 10.19 min Scan# 1412

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

Instrument :

BNA_F

ClientSampleId :

HDD-PILWC4MS

Tot Ion: 77 Resp: 257853

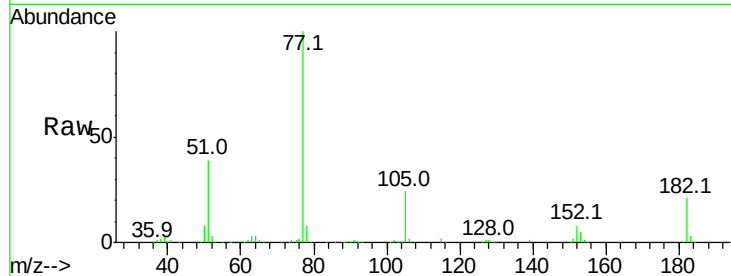
Ion Ratio Lower Upper

77 100

182 20.6 0.1 40.1

105 24.5 3.6 43.6

51 39.0 9.4 49.4

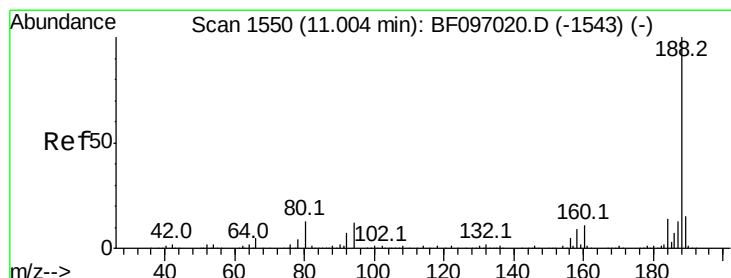
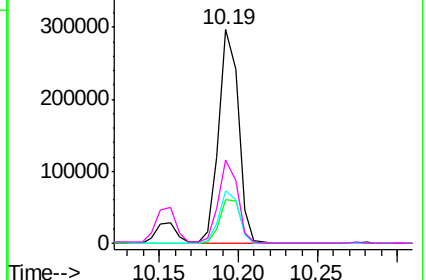
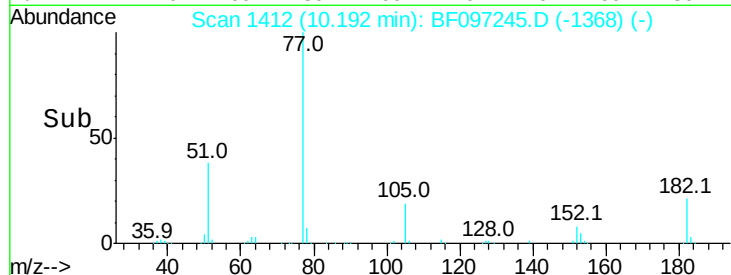


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.97 min Scan# 1544

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

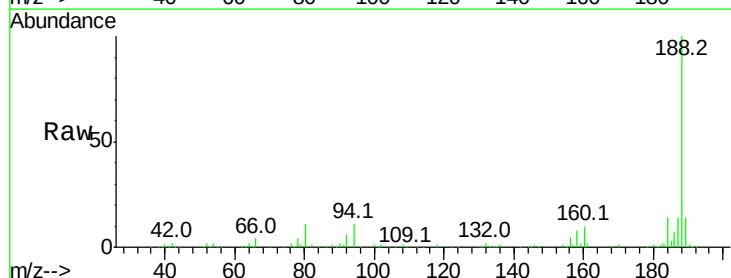
Tgt Ion: 188 Resp: 206202

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

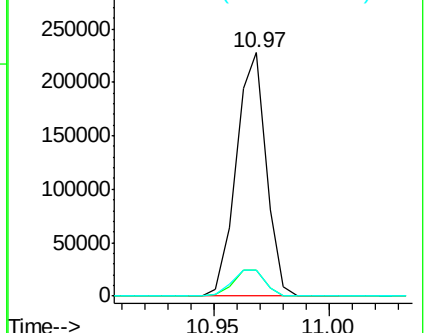
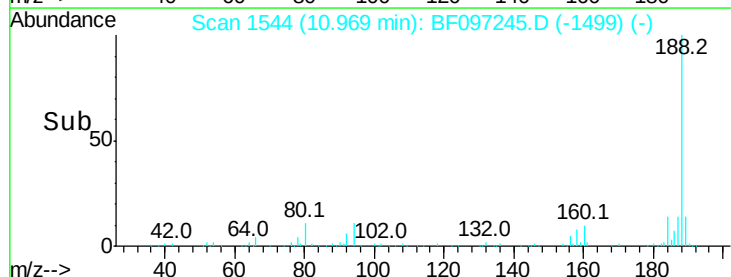
80 10.8 10.2 15.2

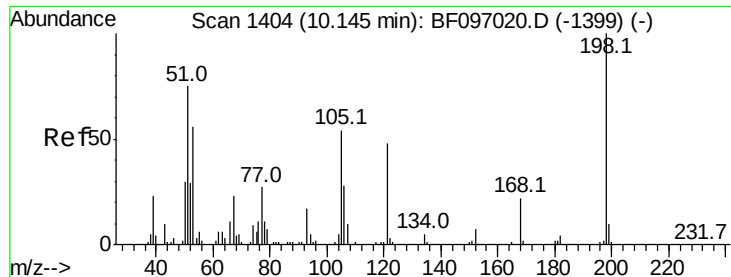


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

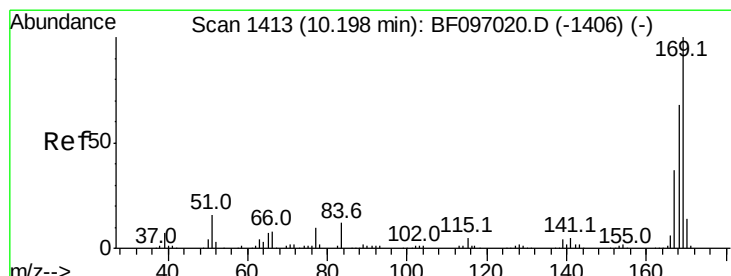
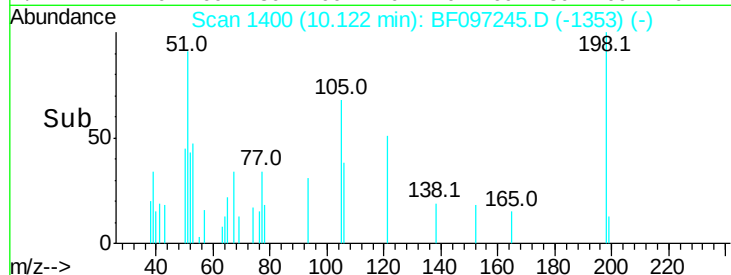
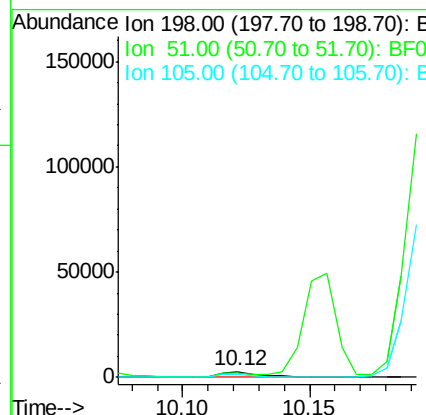
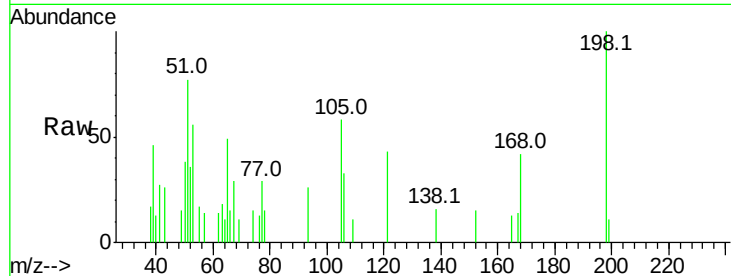




#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.491 ng
 RT: 10.12 min Scan# 1400
 Delta R.T. -0.02 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

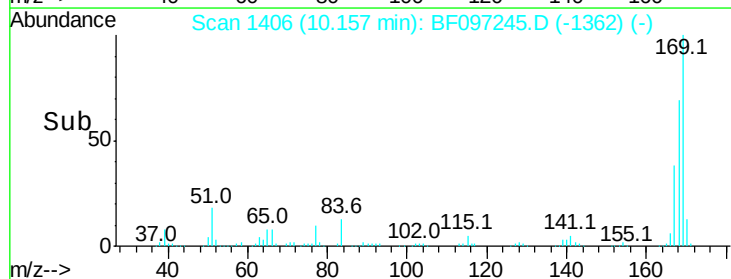
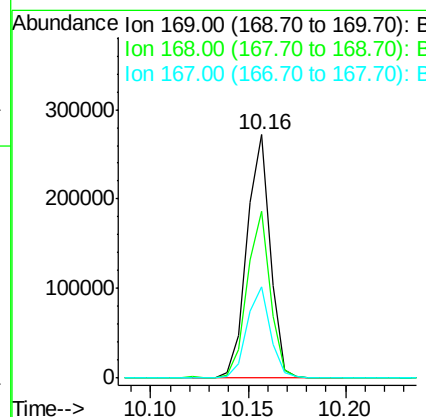
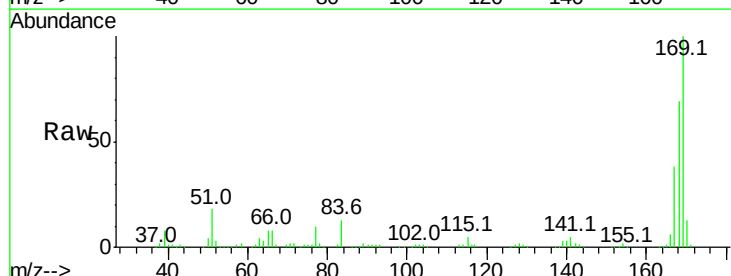
Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4MS

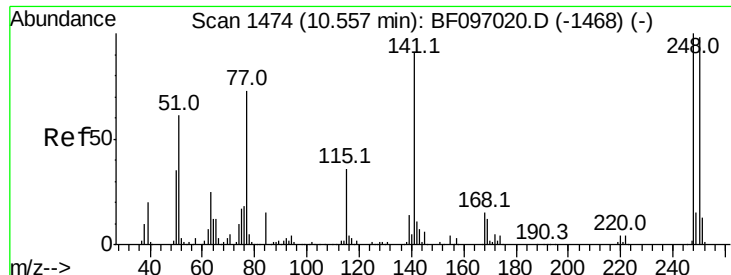
Tot Ion:198 Resp: 3192
 Ion Ratio Lower Upper
 198 100
 51 77.5 53.2 93.2
 105 57.8 45.8 85.8



#65
 n-Nitrosodiphenylamine
 Concen: 31.383 ng
 RT: 10.16 min Scan# 1406
 Delta R.T. -0.04 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

Tgt Ion:169 Resp: 225162
 Ion Ratio Lower Upper
 169 100
 168 68.6 53.2 79.8
 167 37.5 29.5 44.3

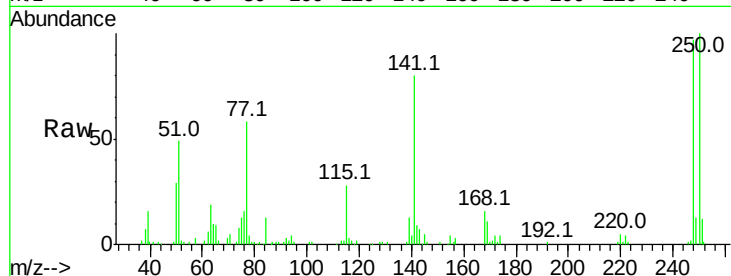




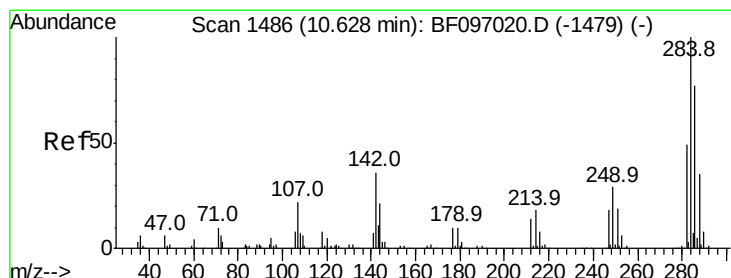
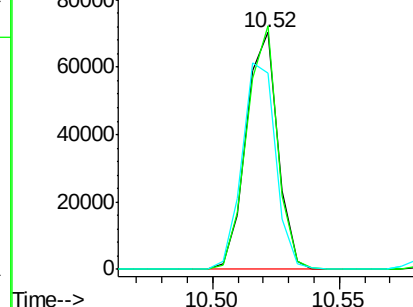
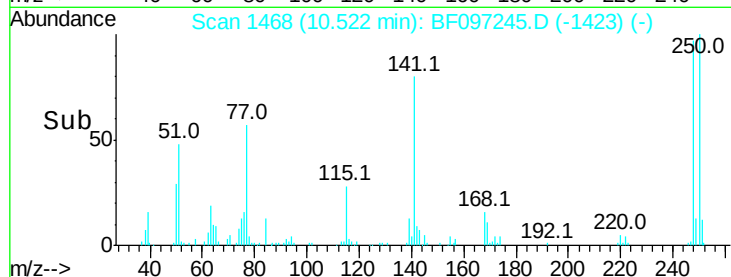
#66
 4-Bromophenyl-phenylether
 Concen: 29.667 ng
 RT: 10.52 min Scan# 1468
 Delta R.T. -0.04 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4MS

Tot Ion:248 Resp: 61049
 Ion Ratio Lower Upper
 248 100
 250 102.8 76.8 115.2
 141 82.7 68.6 103.0

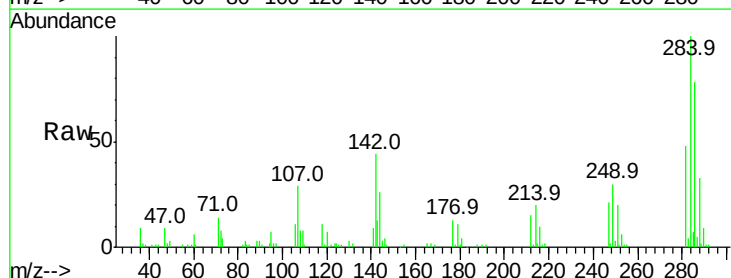


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

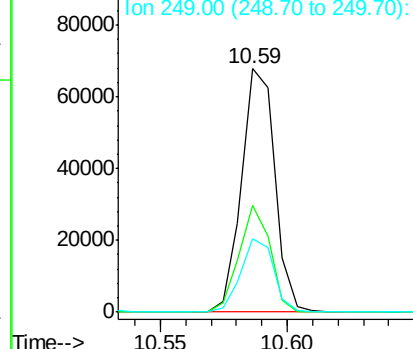
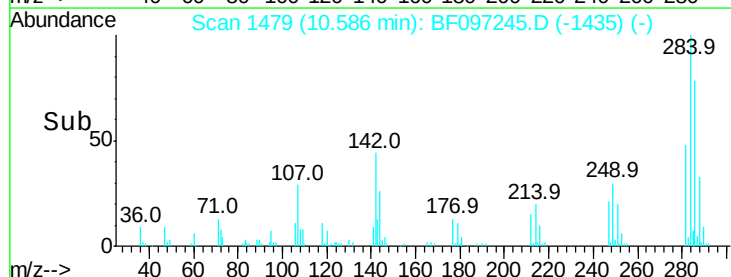


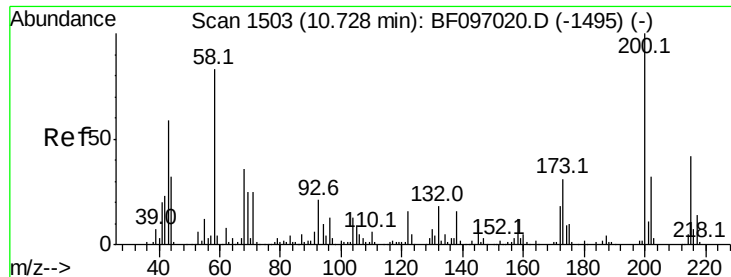
#67
 Hexachlorobenzene
 Concen: 26.746 ng
 RT: 10.59 min Scan# 1479
 Delta R.T. -0.04 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

Tgt Ion:284 Resp: 61720
 Ion Ratio Lower Upper
 284 100
 142 44.0 22.8 34.2#
 249 30.3 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

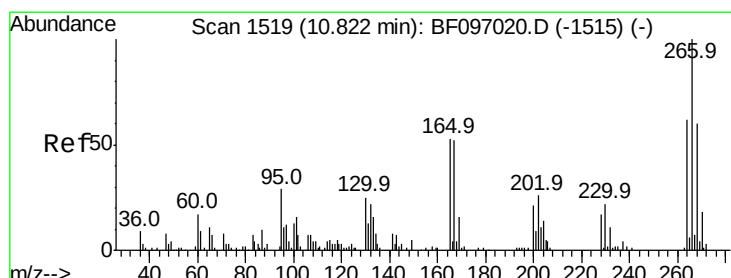
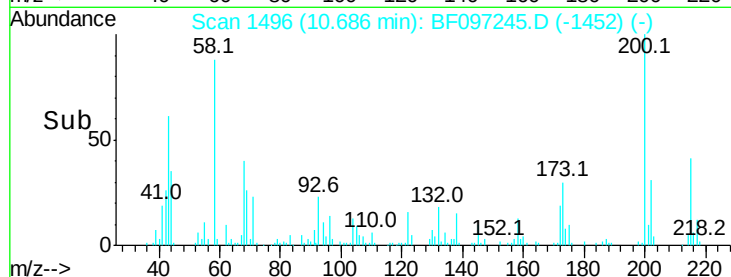
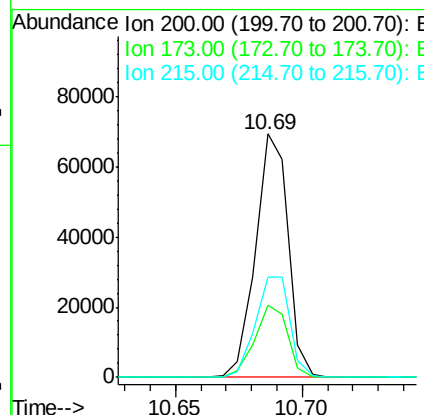
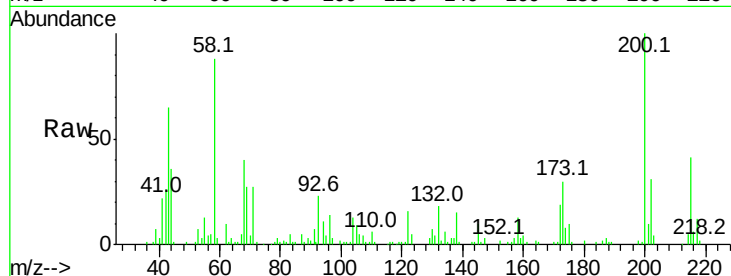




#68
Atrazine
Concen: 30.064 ng
RT: 10.69 min Scan# 1496
Delta R.T. -0.04 min
Lab File: BF097245.D
Acq: 1 Aug 2017 21:33

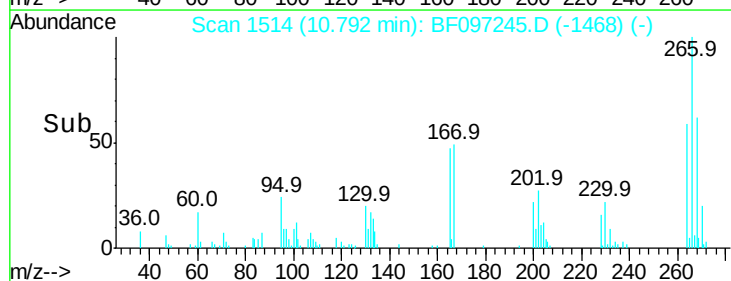
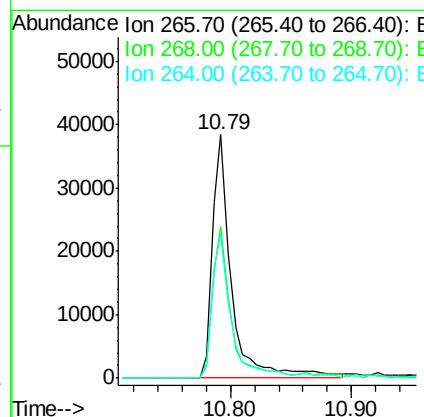
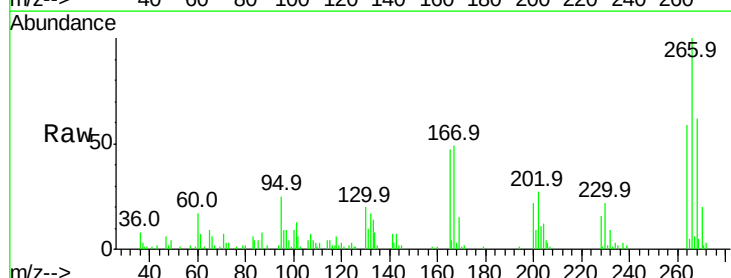
Instrument :
BNA_F
ClientSampleId :
HDD-PILWC4MS

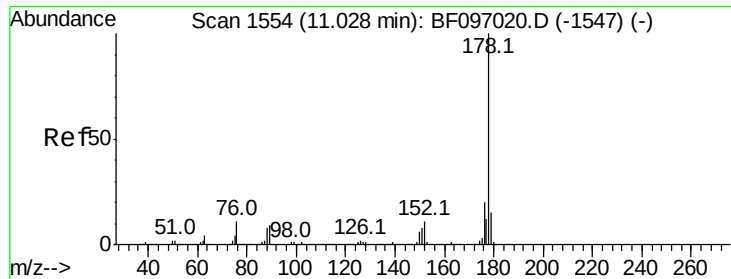
Tot Ion:200 Resp: 61852
Ion Ratio Lower Upper
200 100
173 29.5 6.3 46.3
215 41.3 27.2 67.2



#69
Pentachlorophenol
Concen: 43.923 ng
RT: 10.79 min Scan# 1514
Delta R.T. -0.03 min
Lab File: BF097245.D
Acq: 1 Aug 2017 21:33

Tgt Ion:266 Resp: 41938
Ion Ratio Lower Upper
266 100
268 62.4 51.1 76.7
264 59.2 51.7 77.5

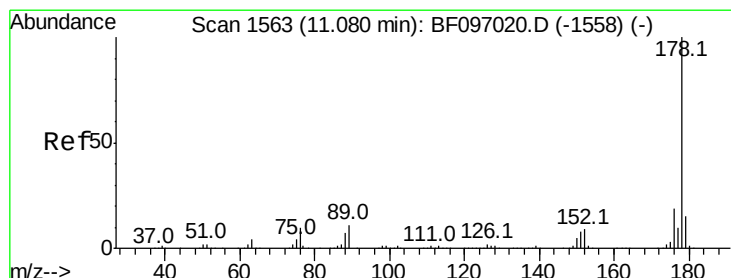
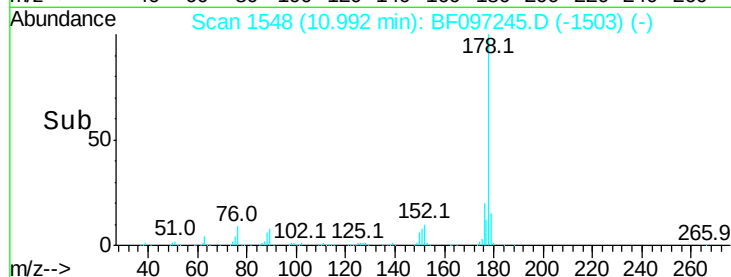
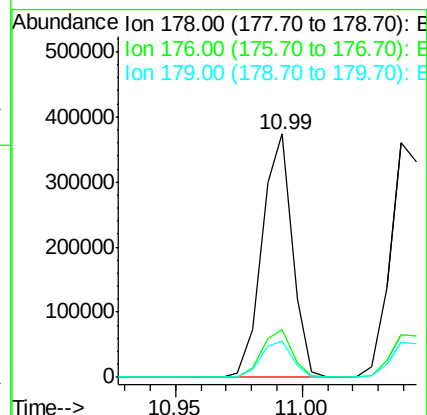
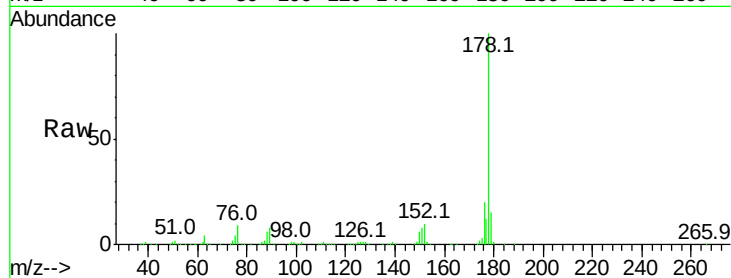




#70
Phenanthrene
Concen: 28.281 ng
RT: 10.99 min Scan# 1548
Delta R.T. -0.04 min
Lab File: BF097245.D
Acq: 1 Aug 2017 21:33

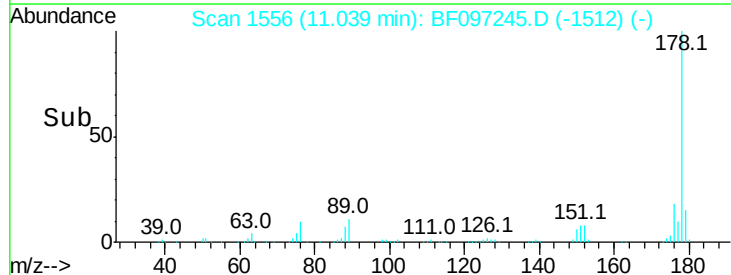
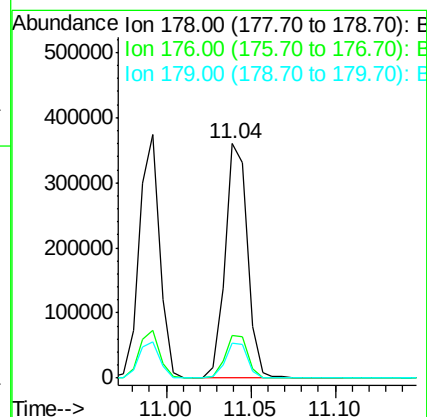
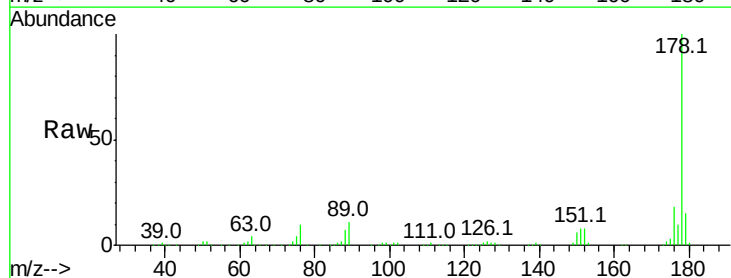
Instrument :
BNA_F
ClientSampleId :
HDD-PILWC4MS

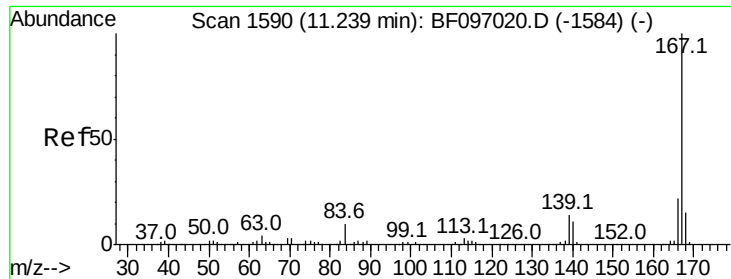
Tot Ion:178 Resp: 312461
Ion Ratio Lower Upper
178 100
176 19.7 16.2 24.4
179 14.8 12.6 19.0



#71
Anthracene
Concen: 29.331 ng
RT: 11.04 min Scan# 1556
Delta R.T. -0.04 min
Lab File: BF097245.D
Acq: 1 Aug 2017 21:33

Tgt Ion:178 Resp: 331908
Ion Ratio Lower Upper
178 100
176 18.4 15.8 23.8
179 15.0 12.7 19.1





#72

Carbazole

Concen: 28.752 ng

RT: 11.20 min Scan# 1584

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

Instrument :

BNA_F

ClientSampleId :

HDD-PILWC4MS

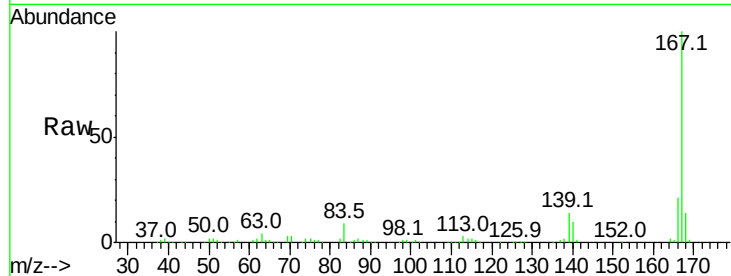
Tot Ion:167 Resp: 319985

Ion Ratio Lower Upper

167 100

166 21.5 18.1 27.1

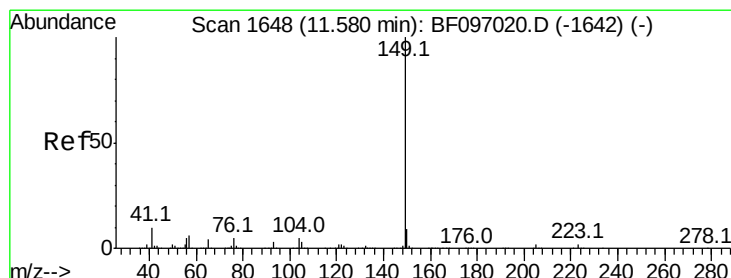
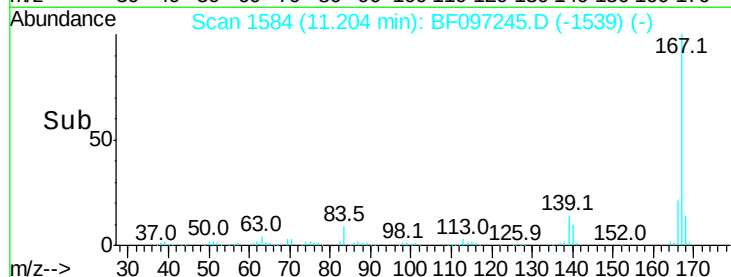
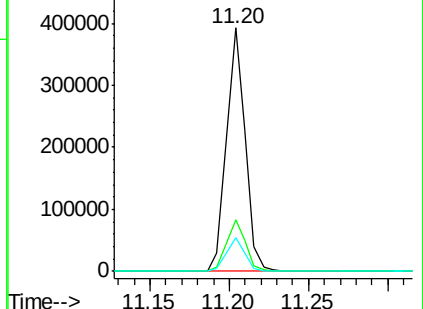
139 13.9 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 29.548 ng

RT: 11.55 min Scan# 1642

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

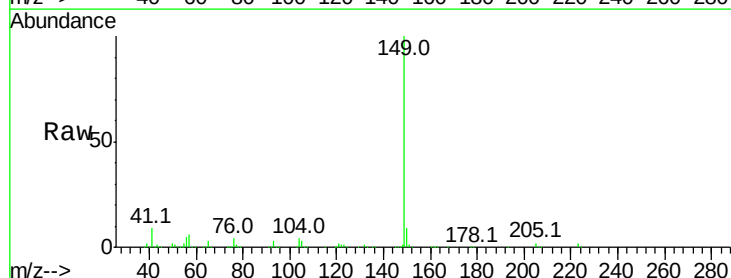
Tgt Ion:149 Resp: 406482

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

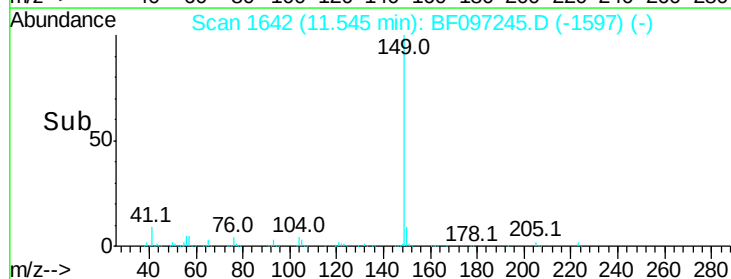
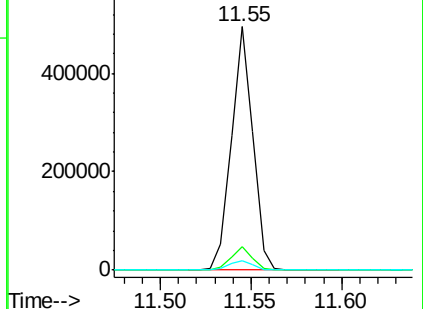
104 4.1 4.0 6.0

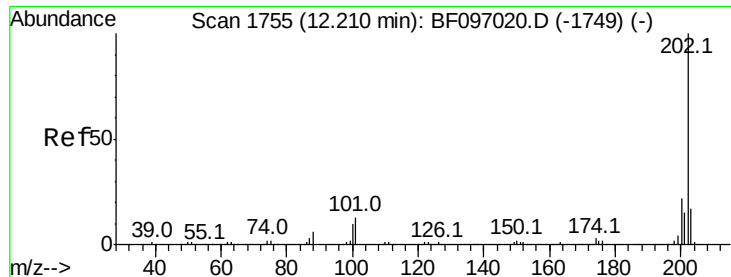


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

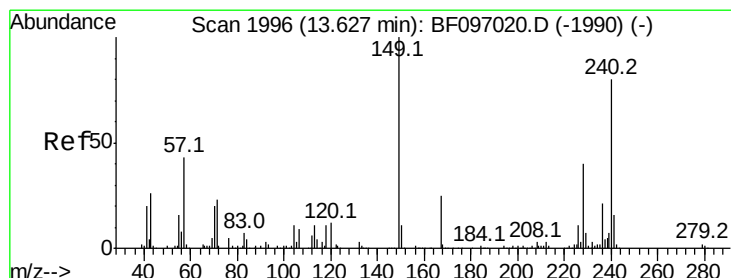
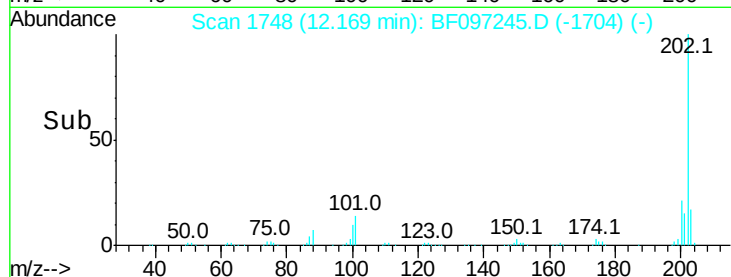
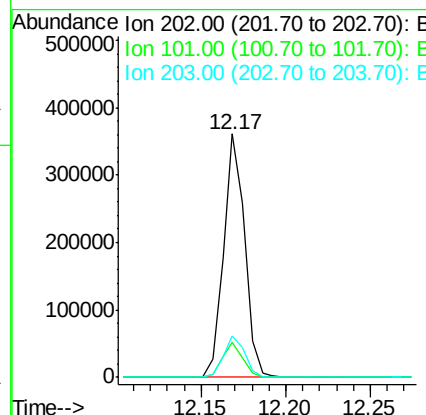
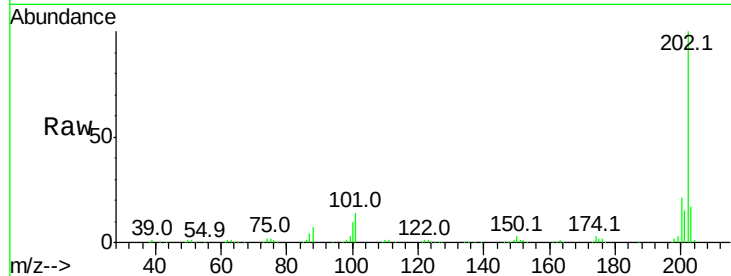




#74
 Fluoranthene
 Concen: 29.107 ng
 RT: 12.17 min Scan# 1748
 Delta R.T. -0.04 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

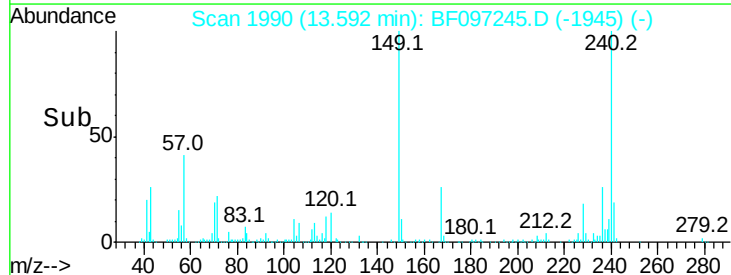
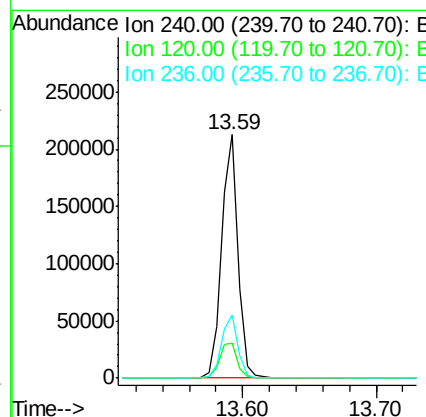
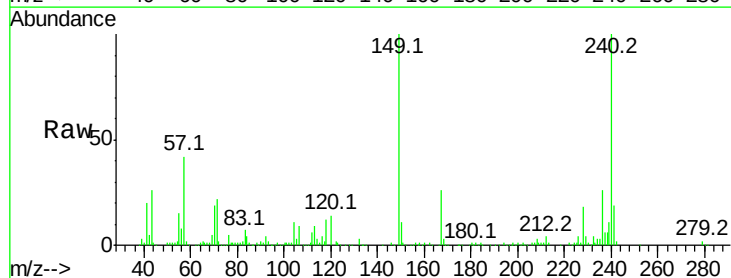
Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4MS

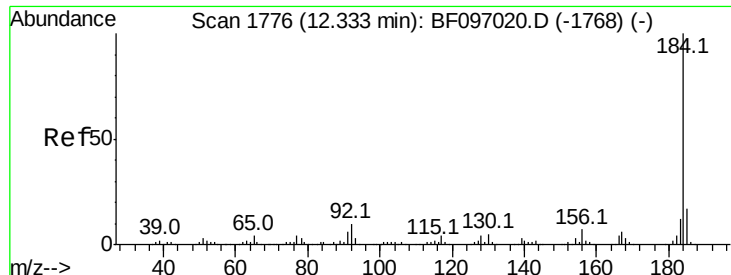
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	33.2
203	17.2	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.59 min Scan# 1990
 Delta R.T. -0.04 min
 Lab File: BF097245.D
 Acq: 1 Aug 2017 21:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	26.0	20.5	30.7

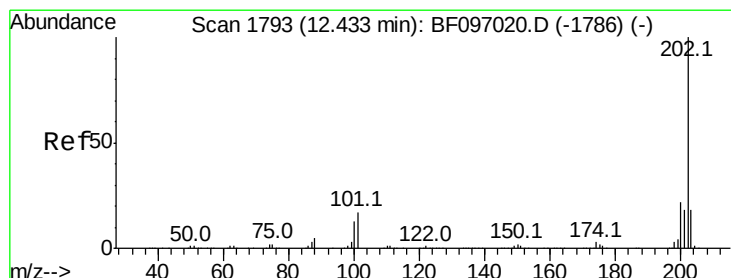
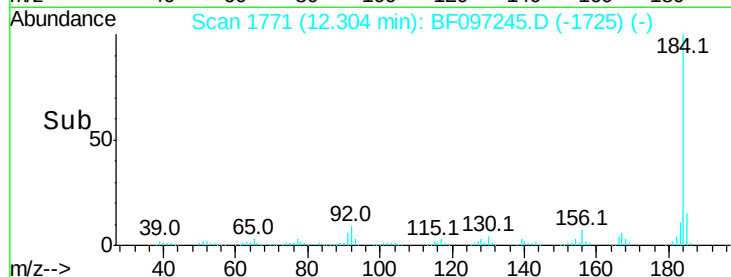
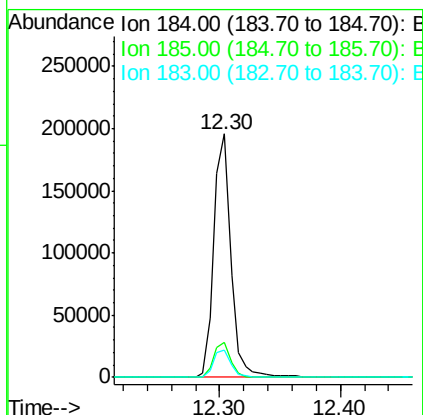
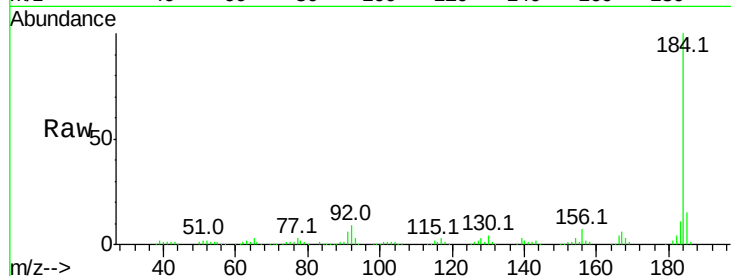




#76
Benzidine
Concen: 27.925 ng
RT: 12.30 min Scan# 1771
Delta R.T. -0.03 min
Lab File: BF097245.D
Acq: 1 Aug 2017 21:33

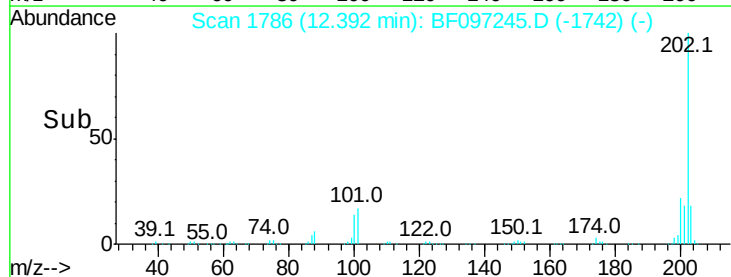
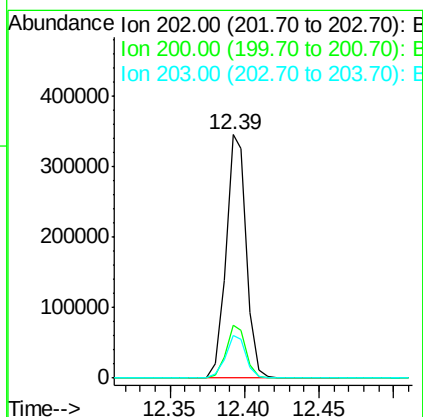
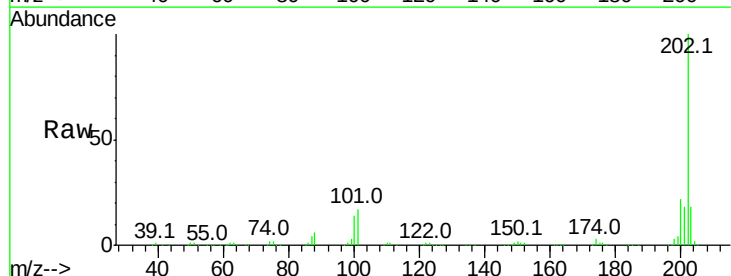
Instrument :
BNA_F
ClientSampleId :
HDD-PILWC4MS

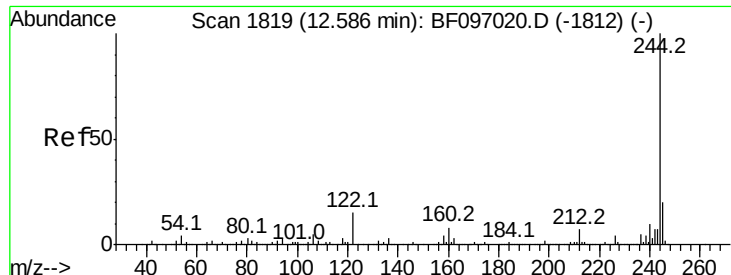
Tot Ion:184 Resp: 190259
Ion Ratio Lower Upper
184 100
185 14.6 15.5 23.3#
183 11.4 9.8 14.6



#77
Pyrene
Concen: 22.126 ng
RT: 12.39 min Scan# 1786
Delta R.T. -0.04 min
Lab File: BF097245.D
Acq: 1 Aug 2017 21:33

Tgt Ion:202 Resp: 332608
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 17.7 14.4 21.6





#78

Terphenyl-d14

Concen: 39.615 ng

RT: 12.54 min Scan# 1812

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

Instrument :

BNA_F

ClientSampleId :

HDD-PILWC4MS

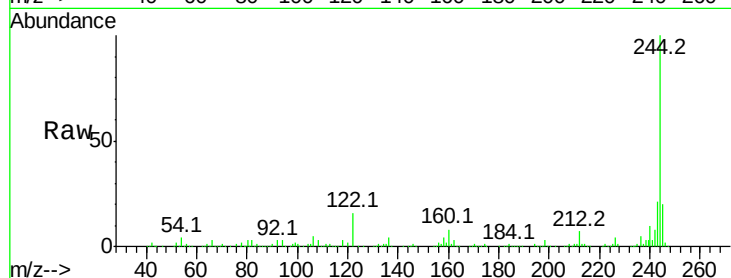
Tot Ion:244 Resp: 356778

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

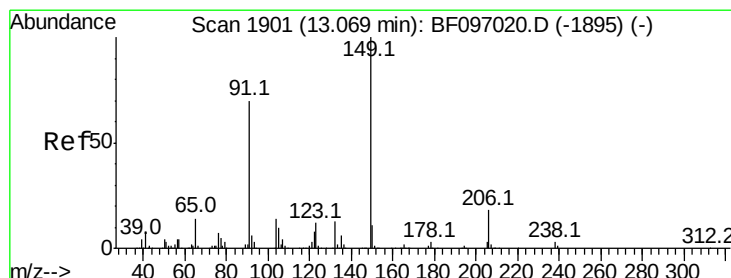
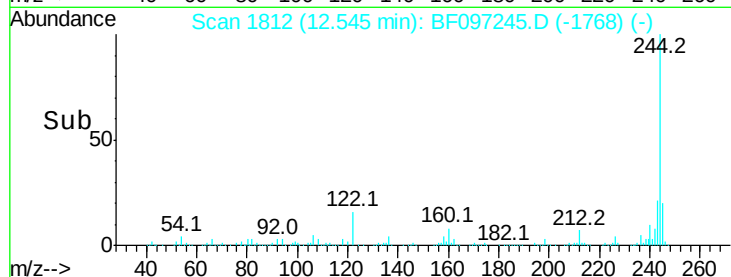
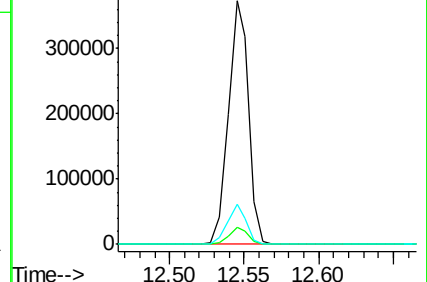
122 16.3 10.3 15.5#



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: 21.555 ng

RT: 13.03 min Scan# 1894

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

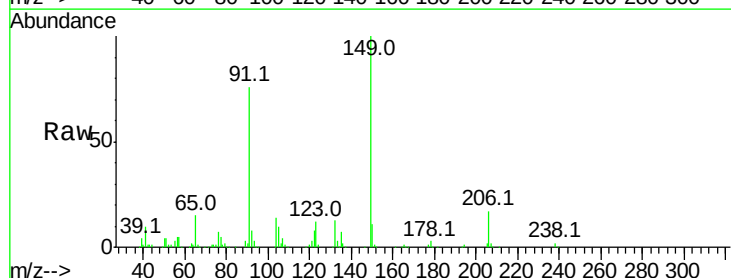
Tgt Ion:149 Resp: 164822

Ion Ratio Lower Upper

149 100

91 76.1 45.0 67.4#

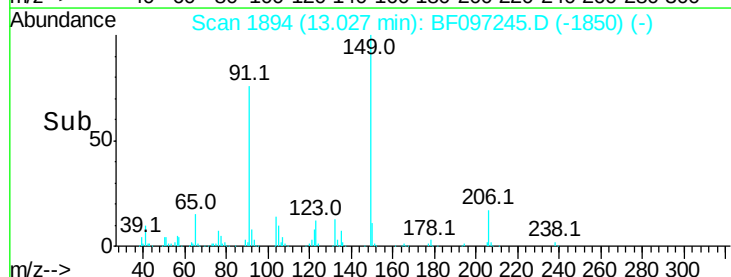
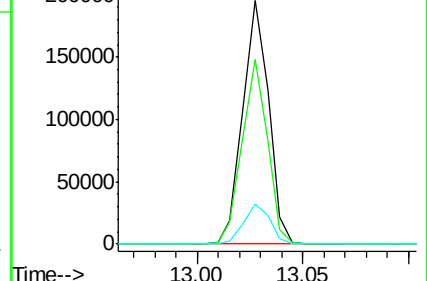
206 16.5 17.0 25.6#

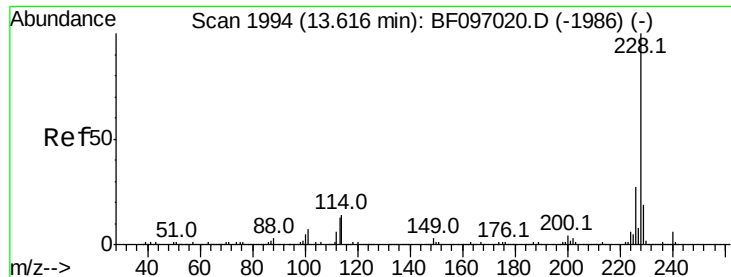


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 24.885 ng

RT: 13.58 min Scan# 1988

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

Instrument :

BNA_F

ClientSampleId :

HDD-PILWC4MS

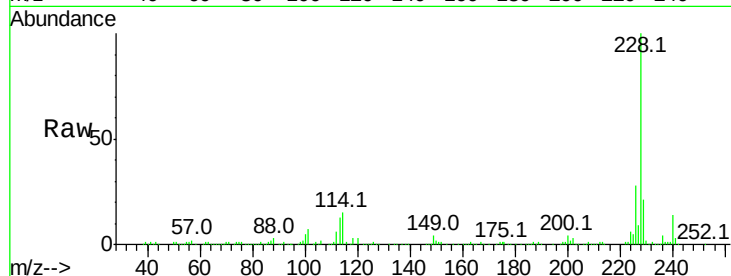
Tot Ion:228 Resp: 295662

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

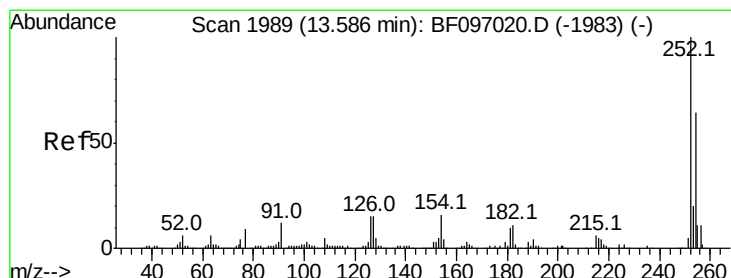
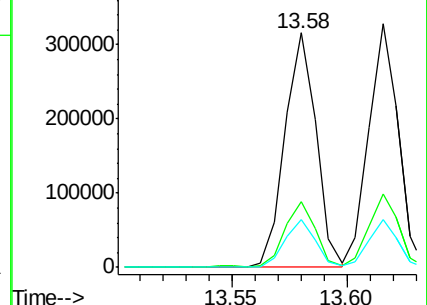
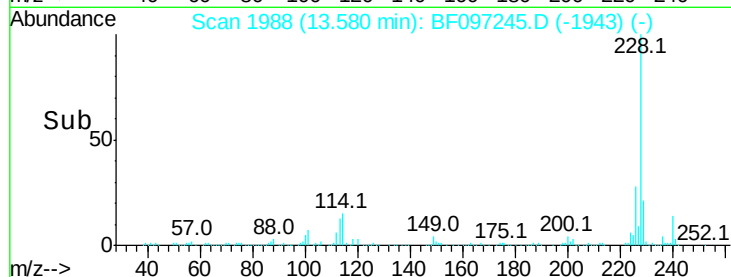
229 20.5 16.3 24.5



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: 24.141 ng

RT: 13.55 min Scan# 1983

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

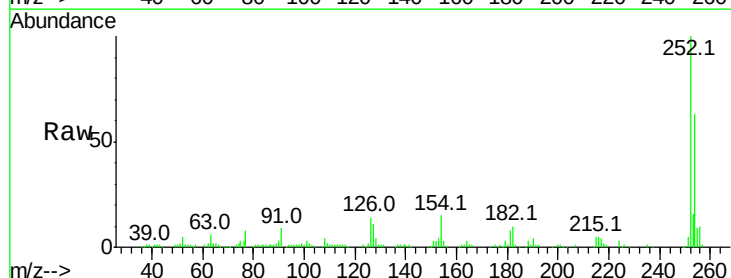
Tgt Ion:252 Resp: 108162

Ion Ratio Lower Upper

252 100

254 63.4 51.5 77.3

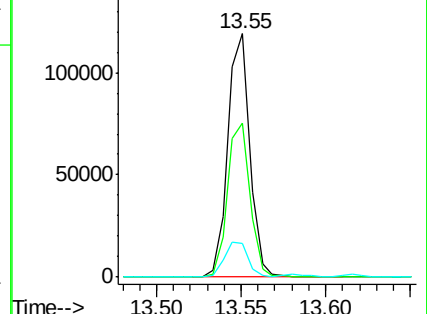
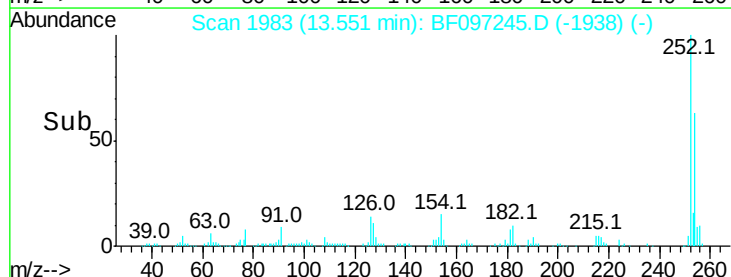
126 13.8 15.8 23.8#

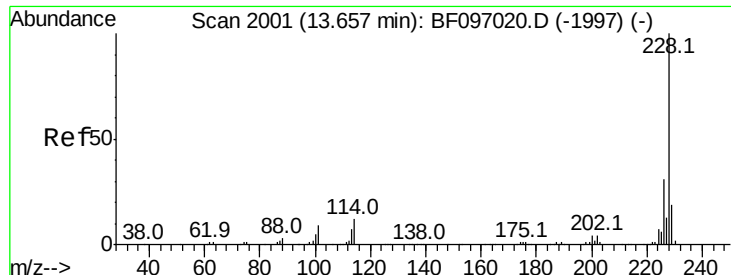


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 25.228 ng

RT: 13.62 min Scan# 1994

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

Instrument :

BNA_F

ClientSampleId :

HDD-PILWC4MS

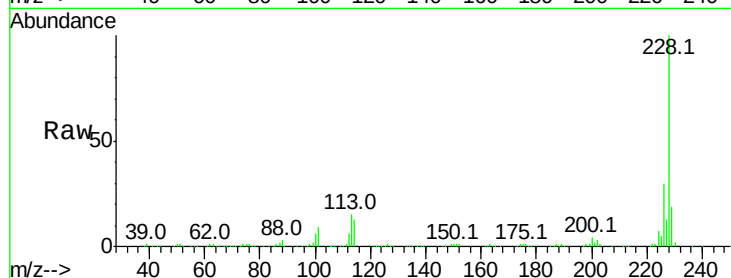
Tot Ion:228 Resp: 292685

Ion Ratio Lower Upper

228 100

226 29.9 24.9 37.3

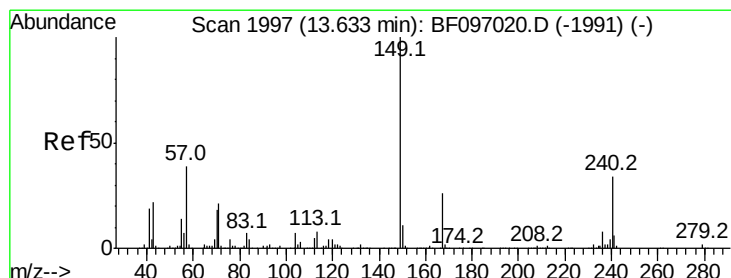
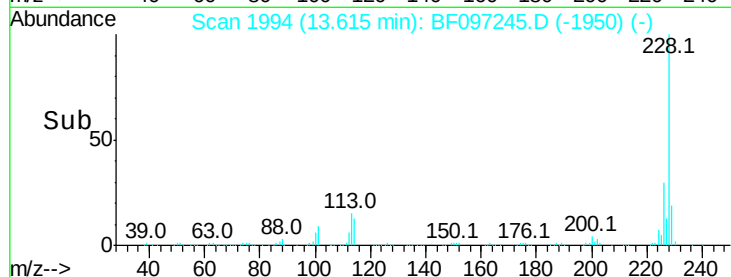
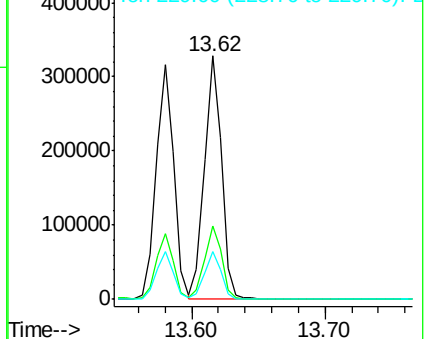
229 19.4 15.8 23.6



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: 22.782 ng

RT: 13.60 min Scan# 1991

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

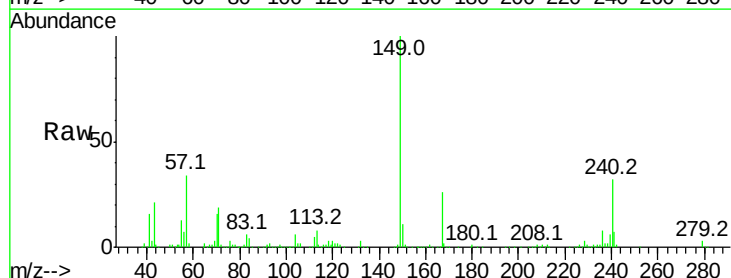
Tgt Ion:149 Resp: 227454

Ion Ratio Lower Upper

149 100

167 25.7 21.0 31.4

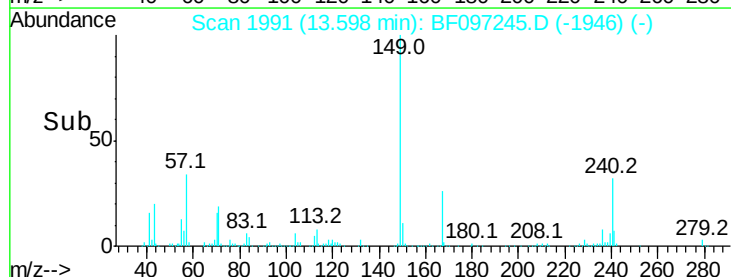
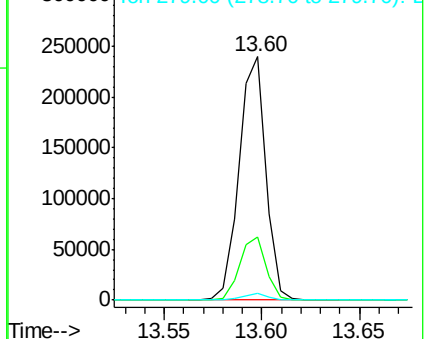
279 2.8 1.9 2.9

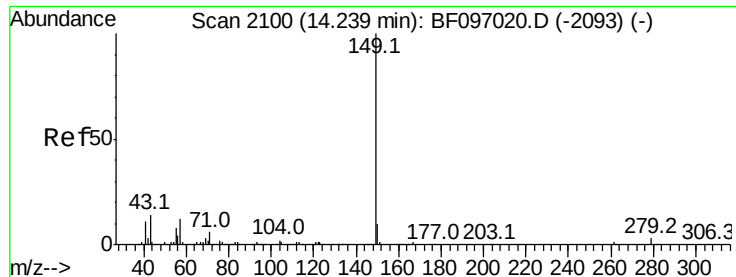


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 26.191 ng

RT: 14.20 min Scan# 2094

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

Instrument :

BNA_F

ClientSampleId :

HDD-PILWC4MS

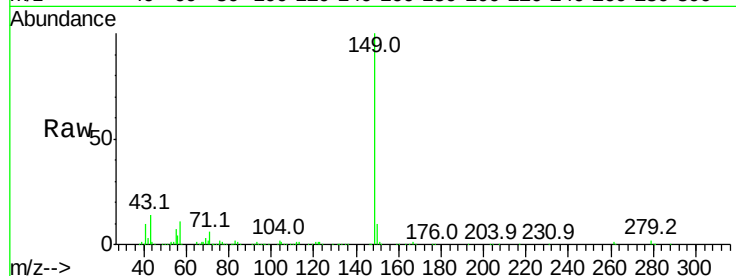
Tot Ion:149 Resp: 479860

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

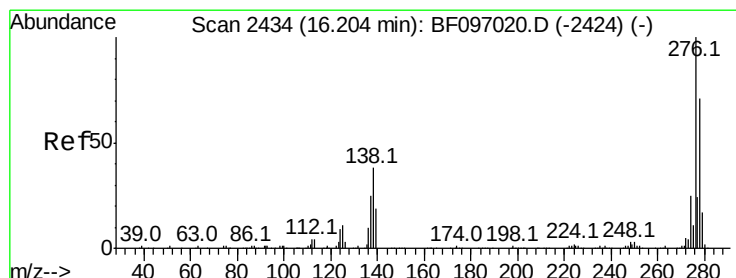
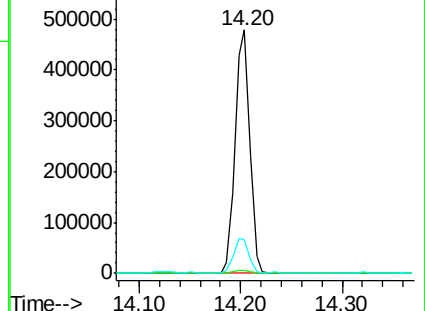
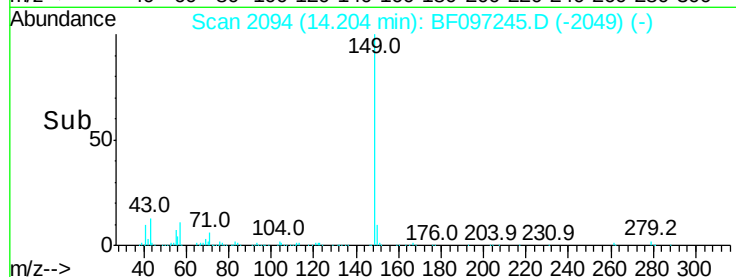
43 14.3 8.5 12.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 19.209 ng

RT: 16.15 min Scan# 2425

Delta R.T. -0.05 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

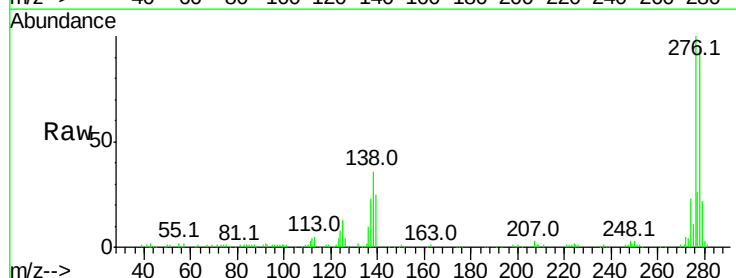
Tgt Ion:276 Resp: 191097

Ion Ratio Lower Upper

276 100

138 37.9 27.8 41.6

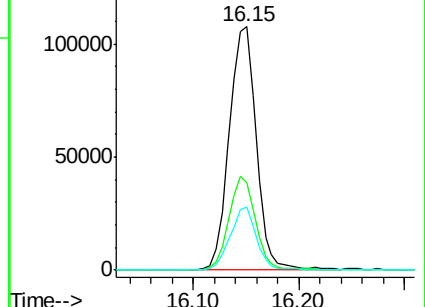
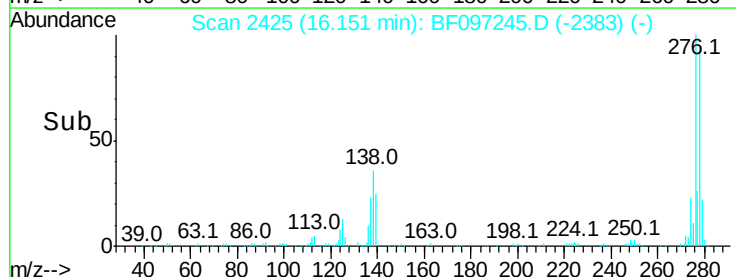
277 24.8 20.2 30.4

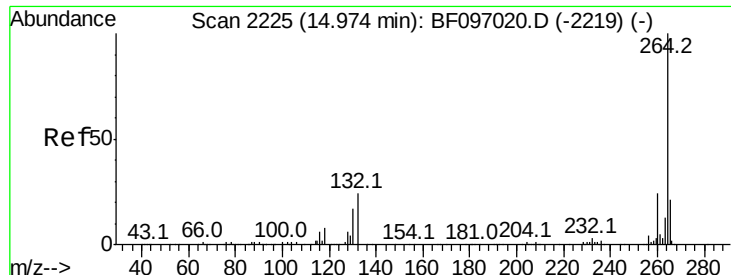


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

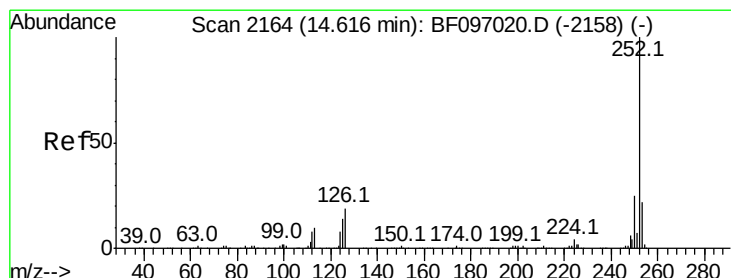
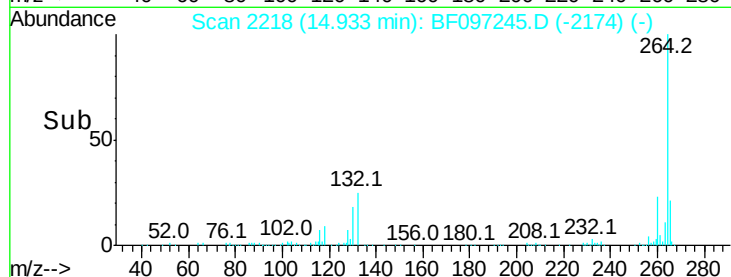
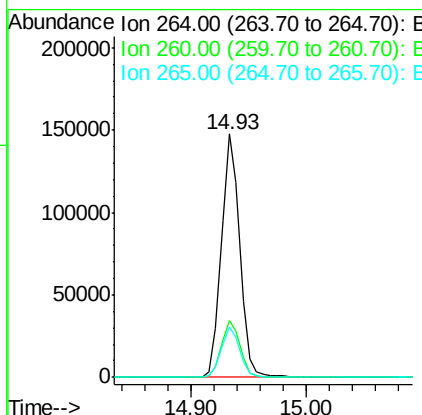
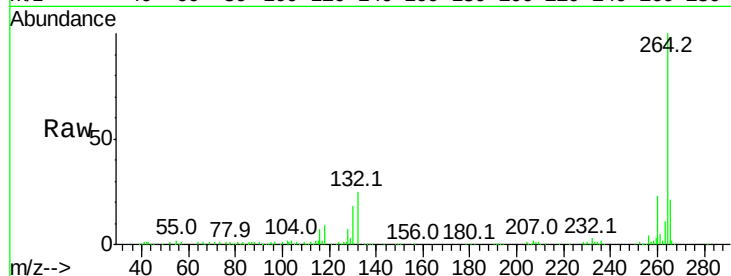




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.93 min Scan# 2218
Delta R.T. -0.04 min
Lab File: BF097245.D
Acq: 1 Aug 2017 21:33

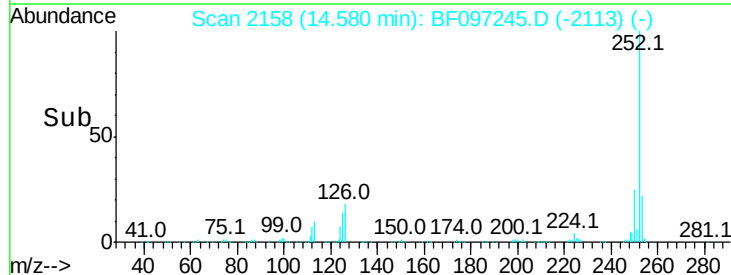
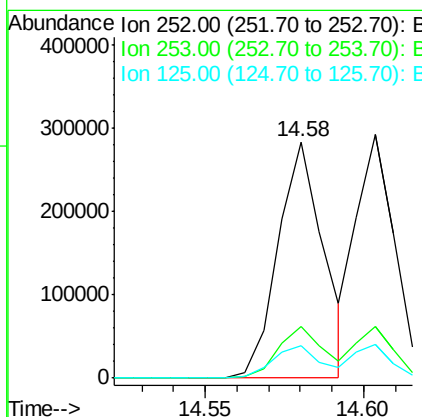
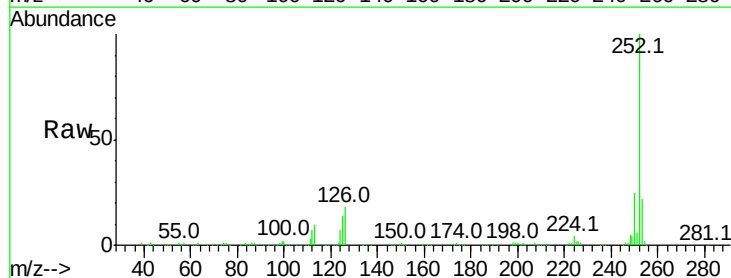
Instrument :
BNA_F
ClientSampleId :
HDD-PILWC4MS

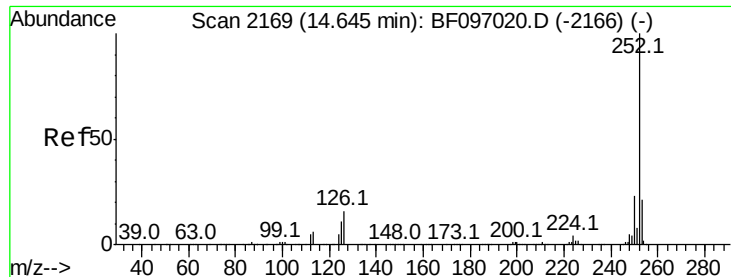
Tot Ion:264 Resp: 162746
Ion Ratio Lower Upper
264 100
260 23.3 19.5 29.3
265 20.8 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 28.918 ng
RT: 14.58 min Scan# 2158
Delta R.T. -0.04 min
Lab File: BF097245.D
Acq: 1 Aug 2017 21:33

Tgt Ion:252 Resp: 282908
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 13.9 9.8 14.8





#88

Benzo(k)fluoranthene

Concen: 27.270 ng

RT: 14.60 min Scan# 2162

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

Instrument :

BNA_F

ClientSampleId :

HDD-PILWC4MS

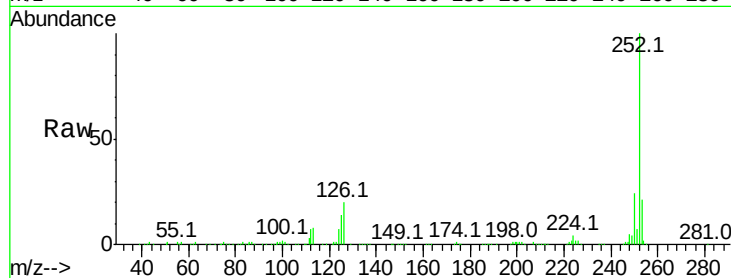
Tot Ion:252 Resp: 254223

Ion Ratio Lower Upper

252 100

253 21.5 18.4 27.6

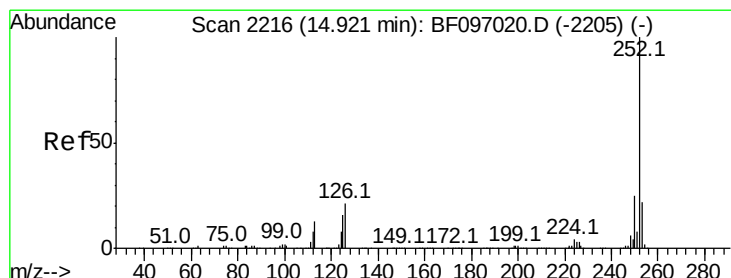
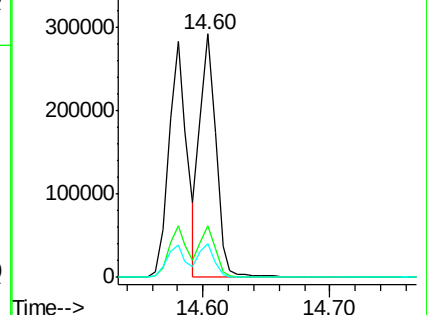
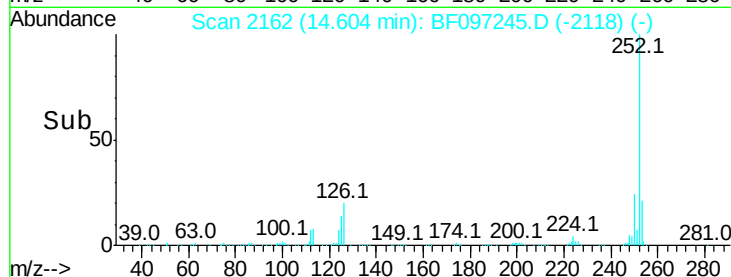
125 14.0 13.1 19.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 26.970 ng

RT: 14.89 min Scan# 2210

Delta R.T. -0.04 min

Lab File: BF097245.D

Acq: 1 Aug 2017 21:33

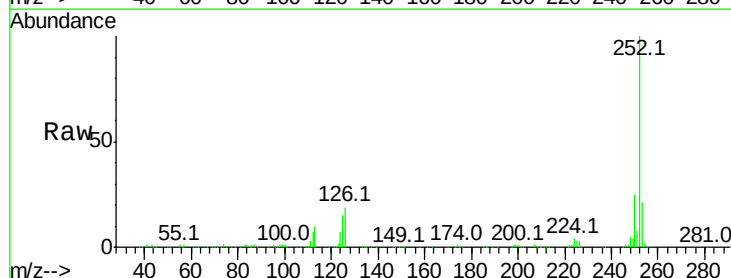
Tgt Ion:252 Resp: 241483

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

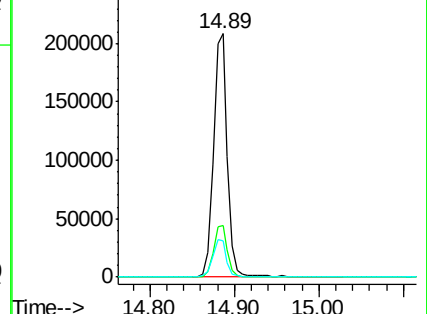
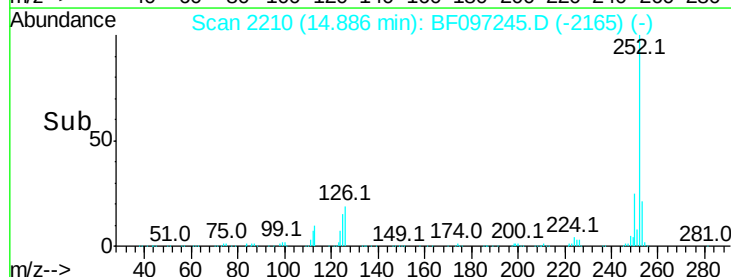
125 14.8 11.0 16.4

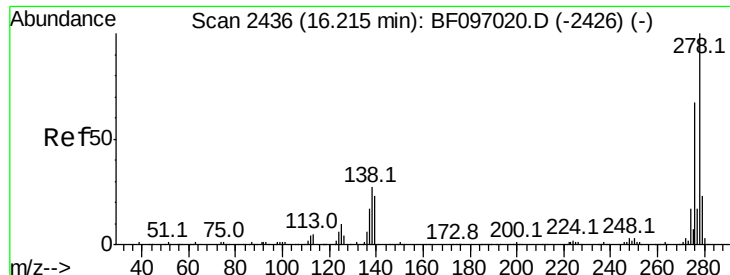


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



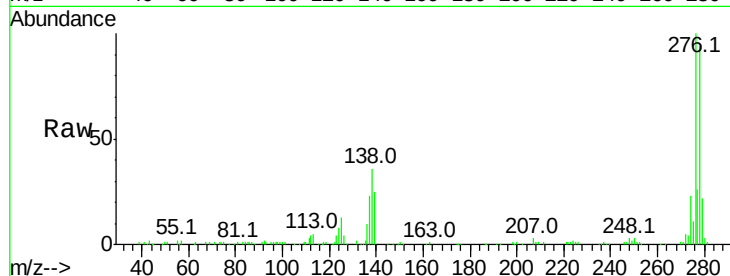


#90
Dibenzo(a,h)anthracene
Concen: 22.425 ng
RT: 16.15 min Scan# 2425
Delta R.T. -0.06 min
Lab File: BF097245.D
Acq: 1 Aug 2017 21:33

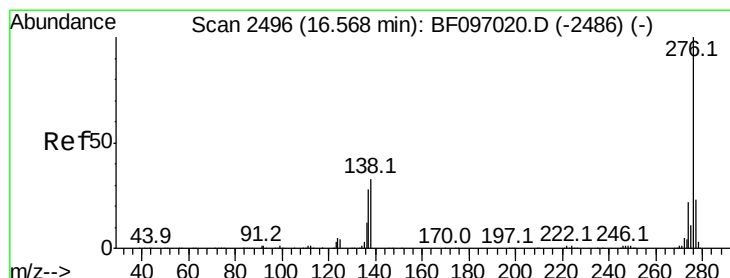
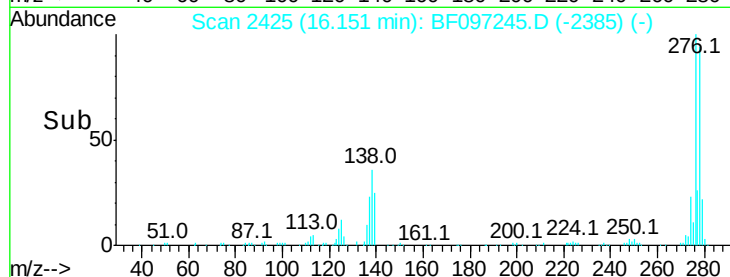
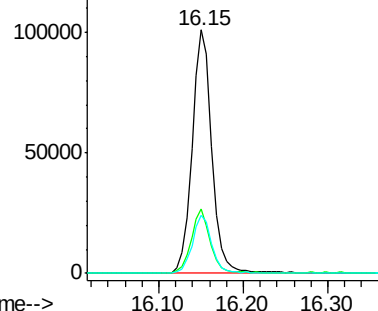
Instrument :
BNA_F
ClientSampleId :
HDD-PILWC4MS

Tot Ion:278 Resp: 164655

Ion	Ratio	Lower	Upper
278	100		
139	26.5	16.6	24.8#
279	23.7	19.3	28.9



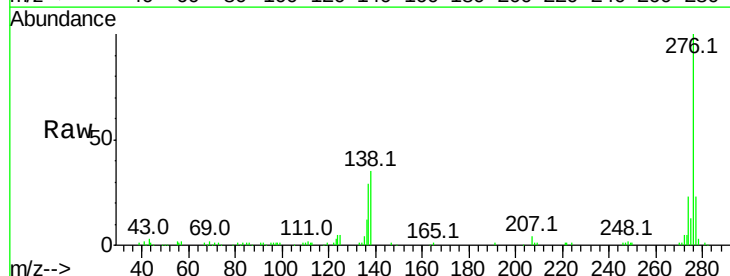
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 20.439 ng
RT: 16.50 min Scan# 2485
Delta R.T. -0.06 min
Lab File: BF097245.D
Acq: 1 Aug 2017 21:33

Tgt Ion:276 Resp: 157373

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	35.1	25.4	38.0



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

