

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099313.D
 Acq On : 10 Oct 2017 21:22
 Operator : SJ/JU
 Sample : I5745-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-AMS

Quant Time: Oct 11 00:52:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	86539	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	340976	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	137723	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	203504	20.00	ng	0.00
75) Chrysene-d12	14.03	240	172847	20.00	ng	0.00
86) Perylene-d12	15.50	264	153644	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	650326	119.63	ng	0.02
7) Phenol-d6	6.50	99	713617	106.41	ng	0.00
23) Nitrobenzene-d5	7.43	82	480127	90.30	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	143049	126.93	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	884809	107.25	ng	0.00
78) Terphenyl-d14	12.97	244	633401	83.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	96552	37.181	ng	# 81
3) Pyridine	3.55	79	224823	32.004	ng	91
4) n-Nitrosodimethylamine	3.48	42	110101	36.960	ng	84
6) Aniline	6.53	93	168374	18.603	ng	99
8) 2-Chlorophenol	6.66	128	276173	44.860	ng	94
9) Benzaldehyde	6.42	77	80693	20.743	ng	91
10) Phenol	6.52	94	291836	38.911	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	258388	44.316	ng	97
12) 1,3-Dichlorobenzene	6.81	146	287990	44.668	ng	97
13) 1,4-Dichlorobenzene	6.89	146	291717	44.471	ng	97
14) 1,2-Dichlorobenzene	7.04	146	274268	45.250	ng	97
15) Benzyl Alcohol	7.01	79	211839	43.059	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	358890	39.507	ng	93
17) 2-Methylphenol	7.12	107	221451	43.963	ng	97
18) Hexachloroethane	7.37	117	91721	38.900	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	170889	39.912	ng	94
20) 3+4-Methylphenols	7.27	107	258930	40.633	ng	# 70
22) Acetophenone	7.28	105	365700	44.267	ng	# 97
24) Nitrobenzene	7.45	77	268655	44.543	ng	97
25) Isophorone	7.69	82	492139	44.769	ng	100
26) 2-Nitrophenol	7.77	139	144872	49.950	ng	# 85
27) 2,4-Dimethylphenol	7.80	122	235313	42.961	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	317908	46.406	ng	99
29) 2,4-Dichlorophenol	8.01	162	224306	47.697	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	230088	48.919	ng	99
31) Naphthalene	8.17	128	784533	48.989	ng	99
32) Benzoic acid	7.93	122	99120	22.030	ng	92
33) 4-Chloroaniline	8.22	127	53393	7.984	ng	97
34) Hexachlorobutadiene	8.28	225	115499	47.675	ng	99
35) Caprolactam	8.60	113	56836	37.677	ng	89
36) 4-Chloro-3-methylphenol	8.70	107	223588	42.300	ng	96
37) 2-Methylnaphthalene	8.86	142	516674	49.629	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	204985	49.908	ng	99
40) Hexachlorocyclopentadiene	9.01	237	31397	16.727	ng	99

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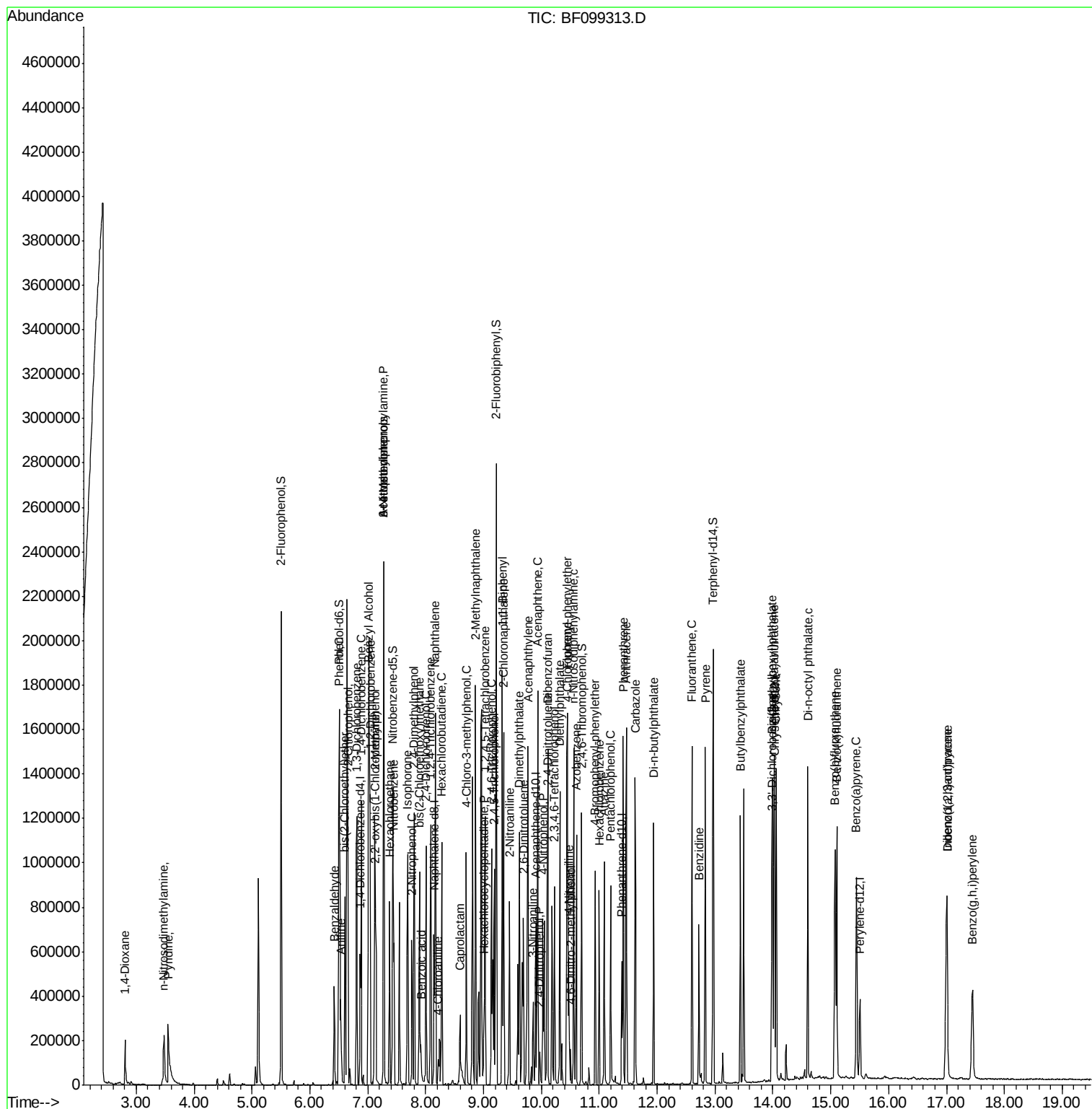
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42) 2,4,6-Trichlorophenol	9.14	196	140814	48.394	ng	100
43) 2,4,5-Trichlorophenol	9.19	196	149338	51.413	ng	93
45) 1,1'-Biphenyl	9.32	154	585900	49.500	ng	100
46) 2-Chloronaphthalene	9.35	162	454851	51.181	ng	97
47) 2-Nitroaniline	9.45	65	126521	46.494	ng	91
48) Acenaphthylene	9.77	152	667036	49.030	ng	99
49) Dimethylphthalate	9.62	163	537089	51.670	ng	99
50) 2,6-Dinitrotoluene	9.69	165	113005	49.937	ng	# 80
51) Acenaphthene	9.94	154	386236	44.818	ng	99
52) 3-Nitroaniline	9.86	138	63758	24.163	ng	96
53) 2,4-Dinitrophenol	9.97	184	23301	24.164	ng	# 86
54) Dibenzofuran	10.11	168	576509	50.243	ng	98
55) 4-Nitrophenol	10.03	139	143978	64.531	ng	85
56) 2,4-Dinitrotoluene	10.10	165	135742	46.219	ng	# 83
57) Fluorene	10.45	166	434509	47.114	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	97859	48.771	ng	95
59) Diethylphthalate	10.32	149	485805	47.830	ng	97
60) 4-Chlorophenyl-phenylether	10.44	204	205441	49.590	ng	96
61) 4-Nitroaniline	10.47	138	105817	41.568	ng	89
62) Azobenzene	10.60	77	408830	43.776	ng	90
64) 4,6-Dinitro-2-methylphenol	10.50	198	19577	15.811	ng	87
65) n-Nitrosodiphenylamine	10.56	169	388515	55.108	ng	98
66) 4-Bromophenyl-phenylether	10.93	248	110595	55.520	ng	# 89
67) Hexachlorobenzene	11.00	284	105519	49.597	ng	98
68) Atrazine	11.09	200	113405	53.465	ng	98
69) Pentachlorophenol	11.20	266	105583	79.741	ng	99
70) Phenanthrene	11.42	178	564000	51.776	ng	98
71) Anthracene	11.47	178	572307	51.348	ng	99
72) Carbazole	11.62	167	533622	48.891	ng	99
73) Di-n-butylphthalate	11.94	149	639111	48.648	ng	98
74) Fluoranthene	12.60	202	568313	51.522	ng	98
76) Benzidine	12.73	184	298215	46.647	ng	97
77) Pyrene	12.83	202	588756	44.670	ng	99
79) Butylbenzylphthalate	13.44	149	266322	42.994	ng	95
80) Benzo(a)anthracene	14.02	228	531069	50.741	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	159105	41.468	ng	99
82) Chrysene	14.06	228	504221	50.602	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	367049	43.034	ng	99
84) Di-n-octyl phthalate	14.60	149	679500	49.475	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.00	276	400689	50.269	ng	96
87) Benzo(b)fluoranthene	15.07	252	509265	53.910	ng	97
88) Benzo(k)fluoranthene	15.10	252	438341	46.979	ng	98
89) Benzo(a)pyrene	15.44	252	445676	51.396	ng	97
90) Dibenzo(a,h)anthracene	17.01	278	343037	49.432	ng	96
91) Benzo(g,h,i)perylene	17.45	276	328197	47.844	ng	96

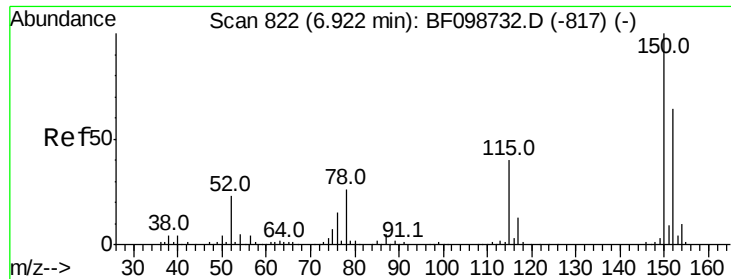
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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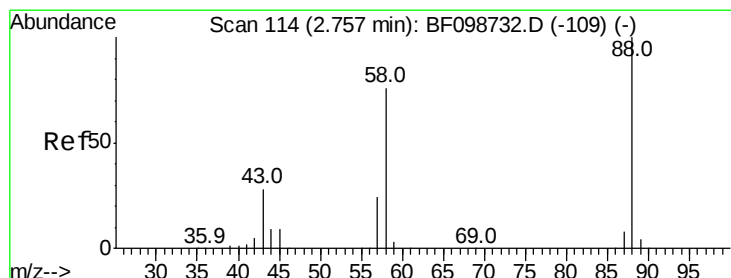
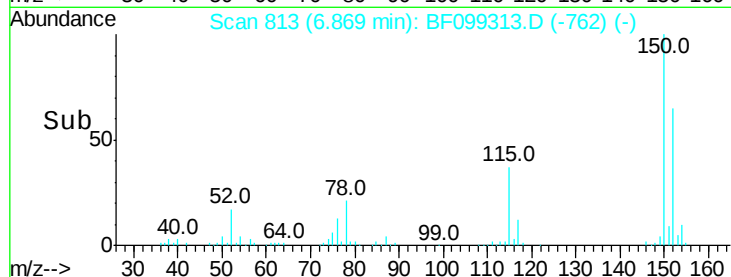
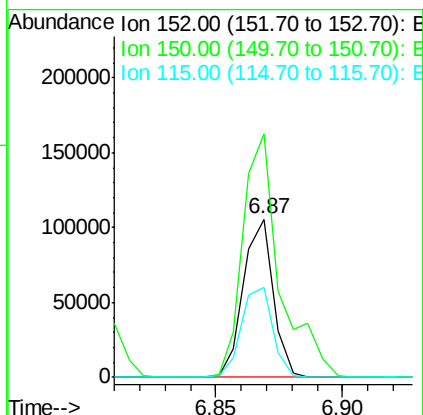
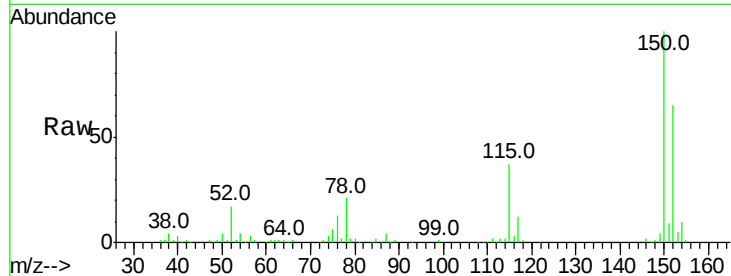


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

Instrument :
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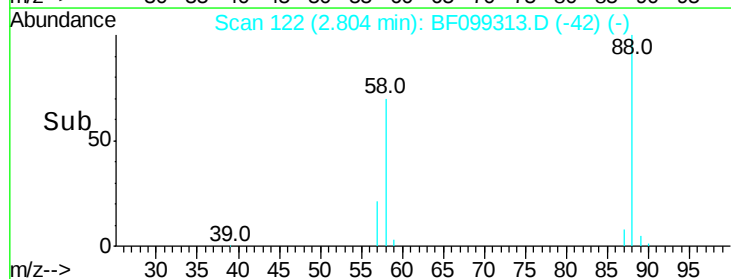
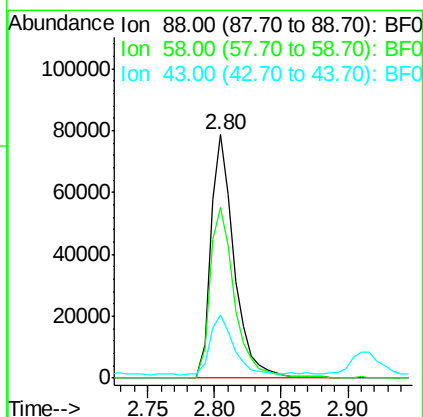
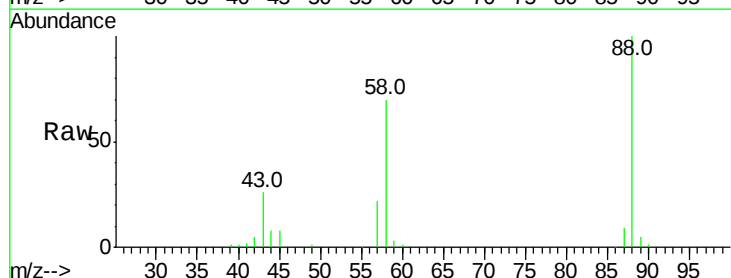
Tot Ion:152 Resp: 86539
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 56.5 50.1 75.1

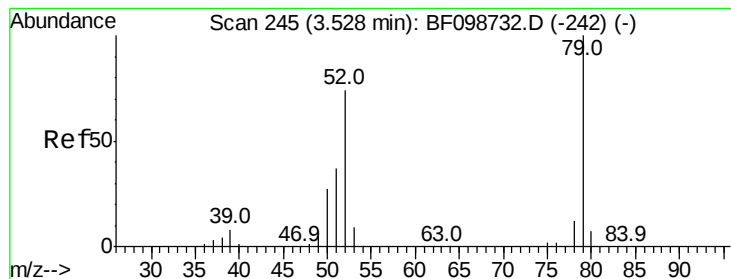


#2

1,4-Dioxane
Concen: 37.181 ng
RT: 2.80 min Scan# 122
Delta R.T. 0.17 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

Tgt Ion: 88 Resp: 96552
Ion Ratio Lower Upper
88 100
58 74.3 62.6 93.8
43 0.0 24.6 37.0#





#3

Pvridine

Concen: 32.004 ng

RT: 3.55 min Scan# 248

Delta R.T. 0.14 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

Instrument :

BNA_F

ClientSampleId :

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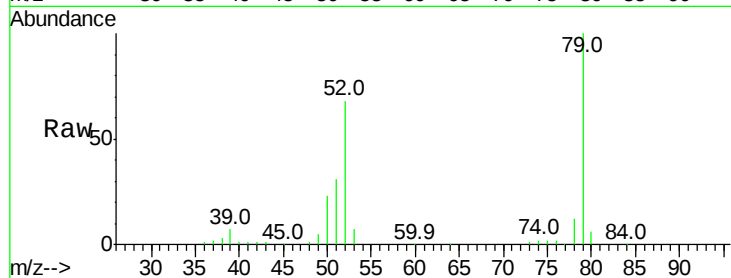
Tot Ion: 79 Resp: 224823

Ion Ratio Lower Upper

79 100

52 67.9 59.8 89.6

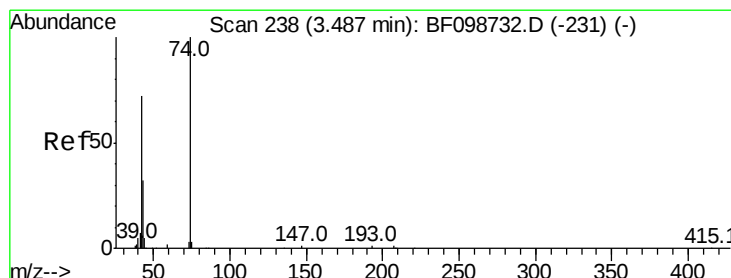
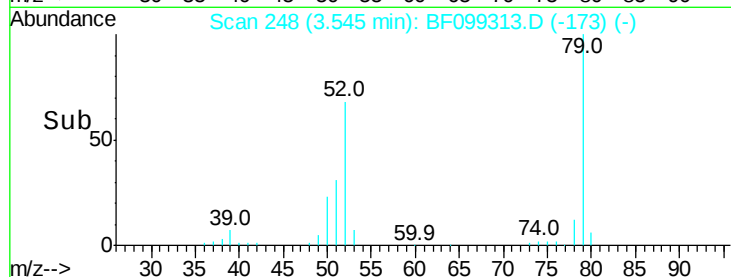
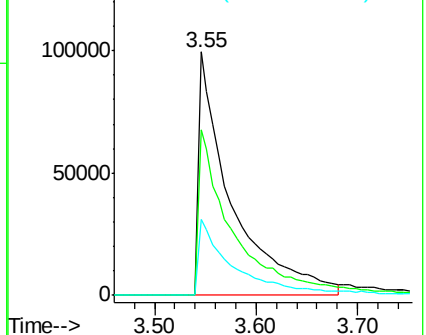
51 31.2 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.960 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.11 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

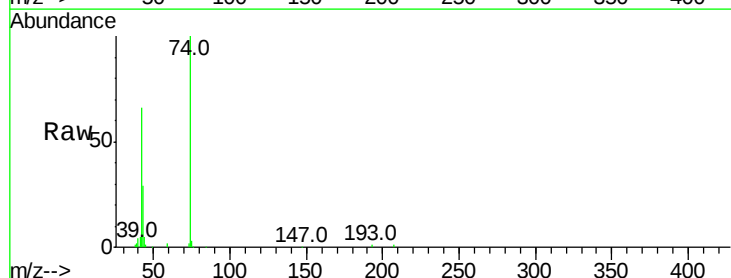
Tgt Ion: 42 Resp: 110101

Ion Ratio Lower Upper

42 100

74 151.1 104.9 157.3

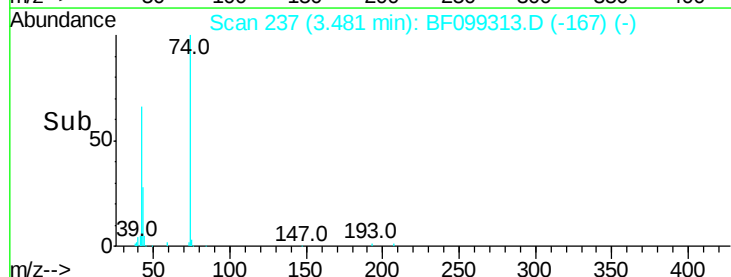
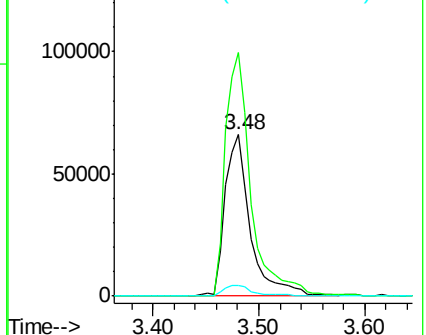
44 7.0 6.9 10.3

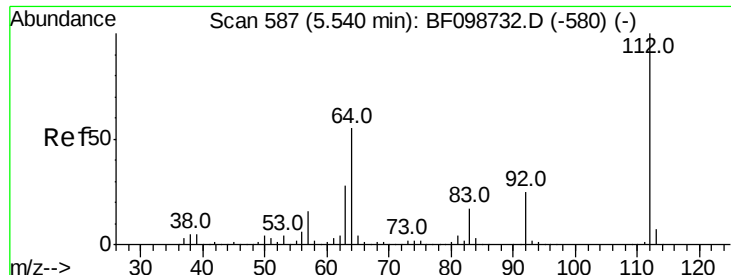


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 119.629 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.02 min

Lab File: BF099313.D

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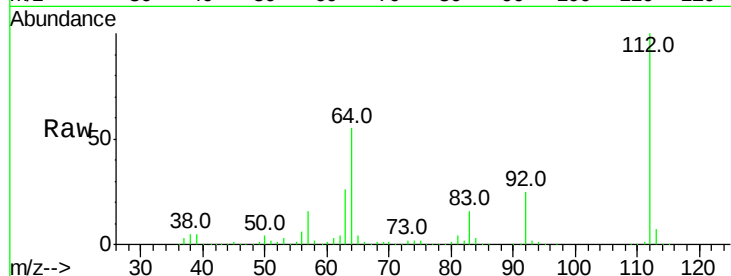
Tot Ion:112 Resp: 650326

Ion Ratio Lower Upper

112 100

64 55.2 47.9 71.9

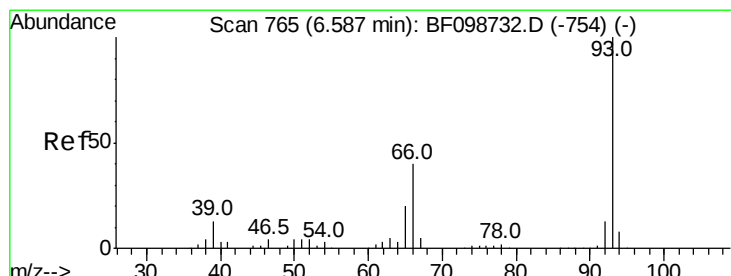
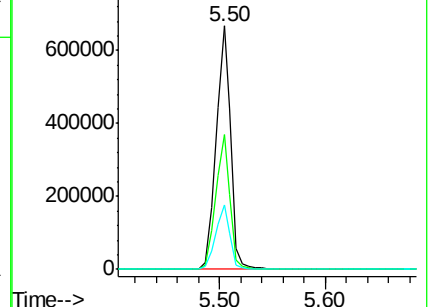
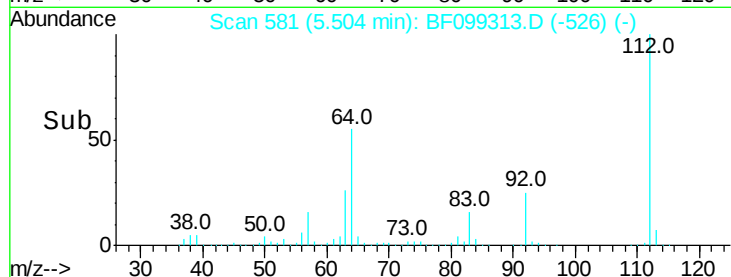
63 26.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.603 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

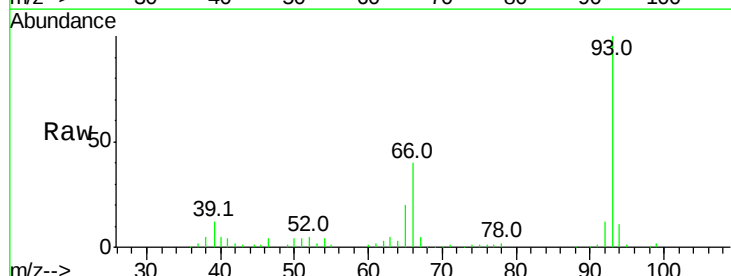
Tgt Ion: 93 Resp: 168374

Ion Ratio Lower Upper

93 100

66 39.7 32.2 48.2

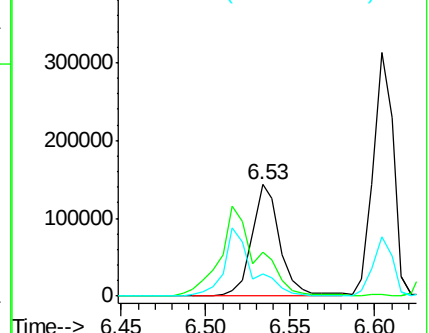
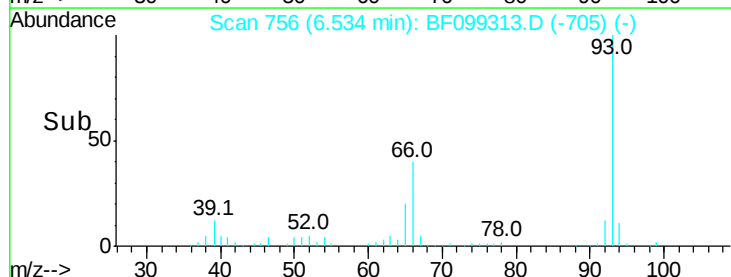
65 20.3 16.4 24.6

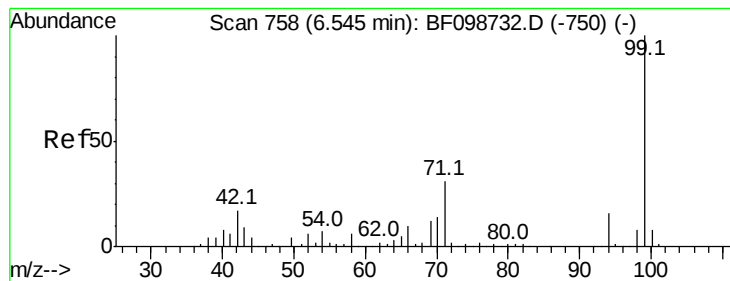


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 106.412 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099313.D

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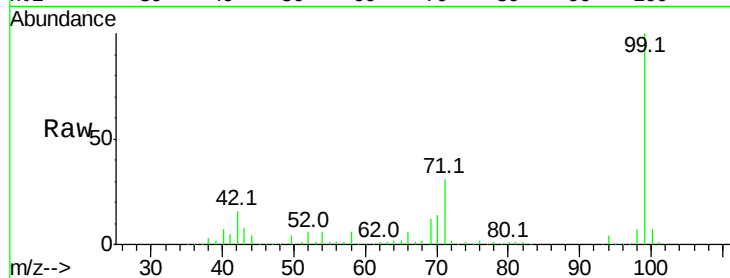
Tot Ion: 99 Resp: 713617

Ion Ratio Lower Upper

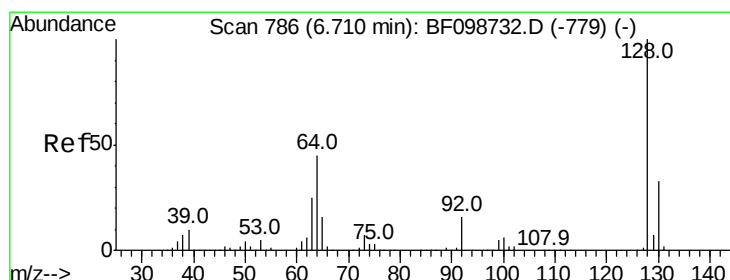
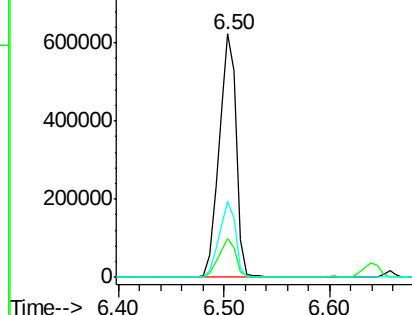
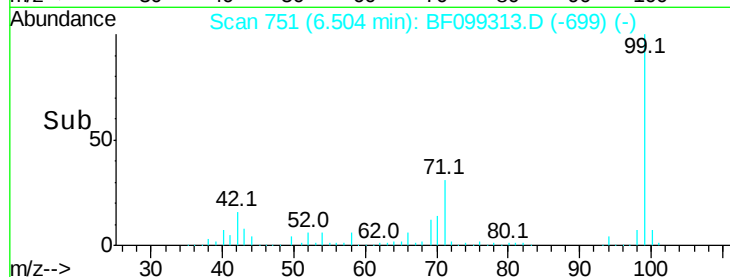
99 100

42 15.8 14.5 21.7

71 31.4 25.4 38.0



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



#8

2-Chlorophenol

Concen: 44.860 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

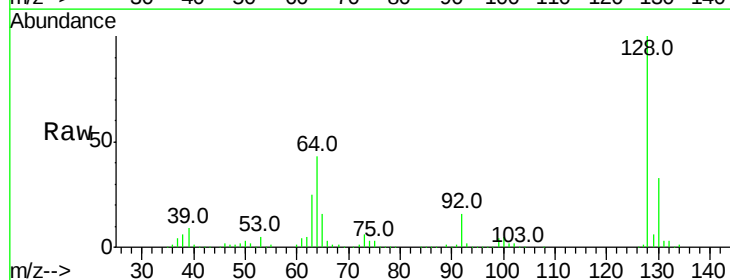
Tgt Ion: 128 Resp: 276173

Ion Ratio Lower Upper

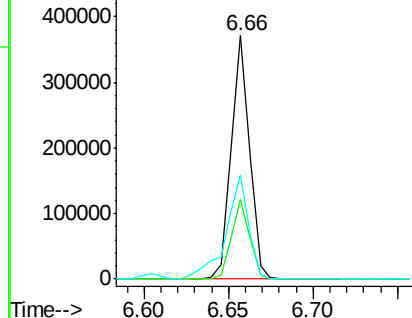
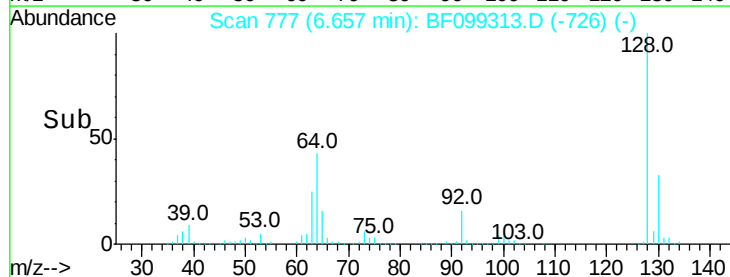
128 100

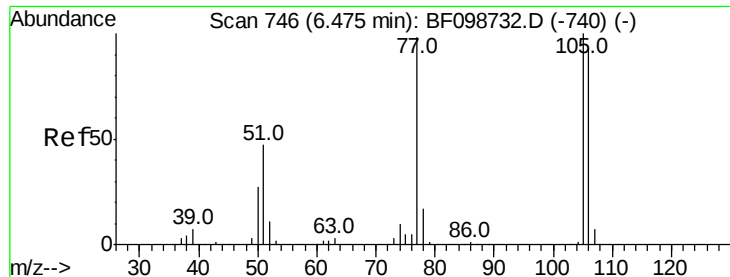
130 32.6 13.0 53.0

64 42.6 29.4 69.4



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





#9

Benzaldehyde

Concen: 20.743 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

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Acq: 10 Oct 2017 21:22

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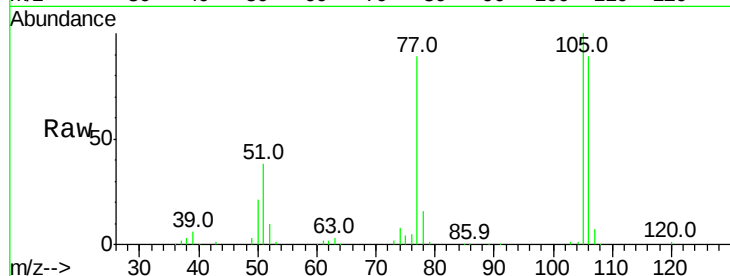
Tot Ion: 77 Resp: 80693

Ion Ratio Lower Upper

77 100

105 112.5 81.1 121.1

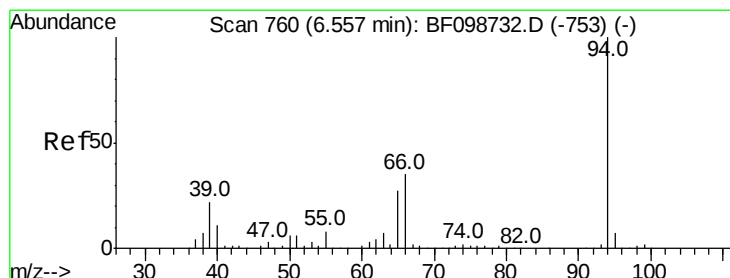
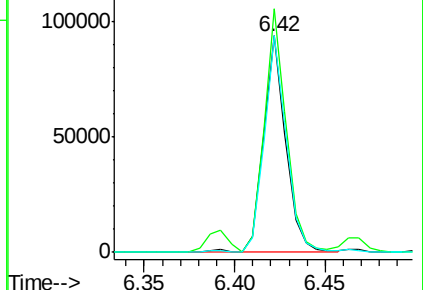
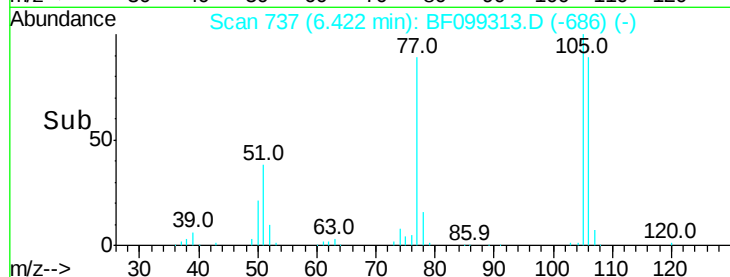
106 100.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.911 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

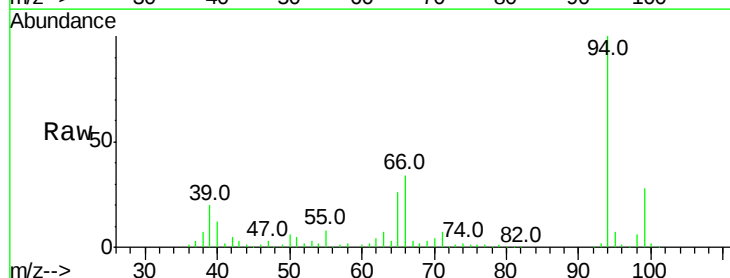
Tgt Ion: 94 Resp: 291836

Ion Ratio Lower Upper

94 100

65 25.8 7.9 47.9

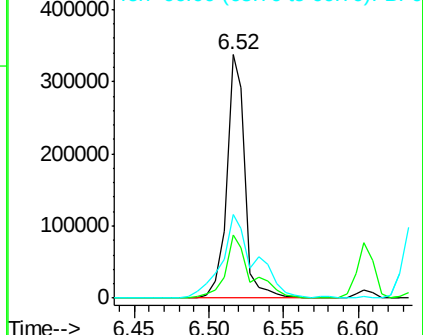
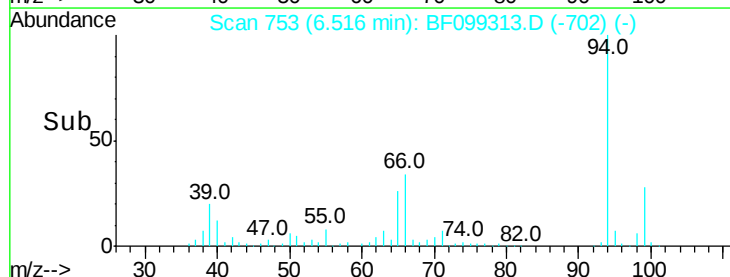
66 34.4 16.2 56.2



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



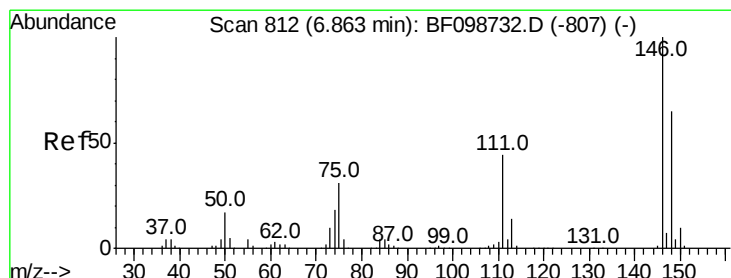
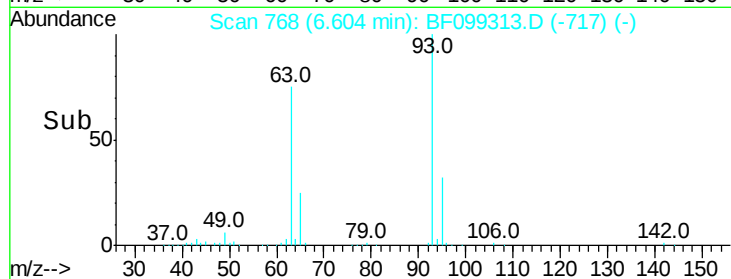
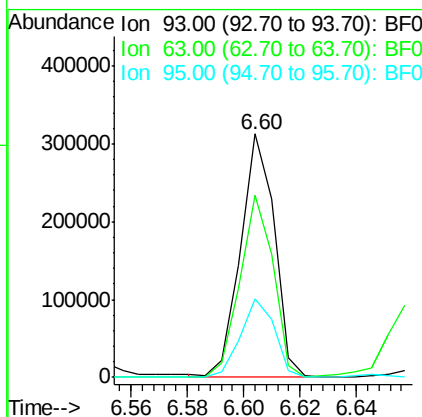
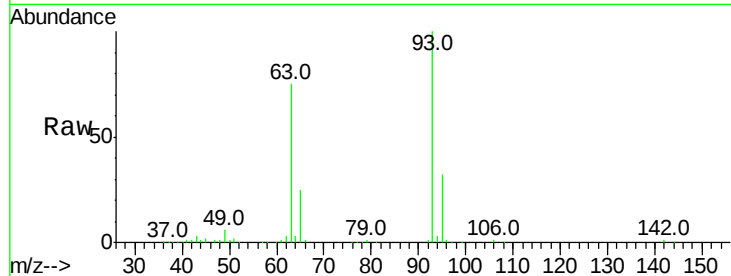


#11
 bis(2-Chloroethyl)ether
 Concen: 44.316 ng
 RT: 6.60 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-AMS

Tot Ion: 93 Resp: 258388

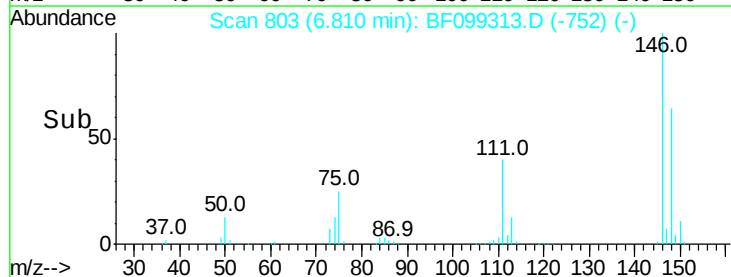
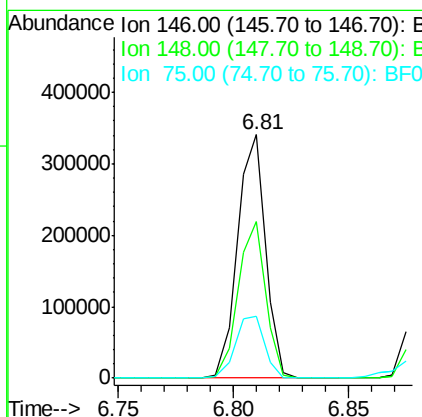
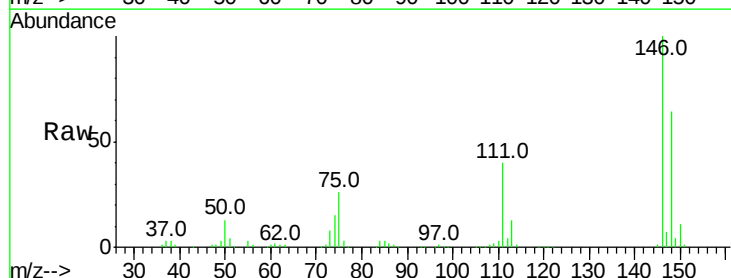
Ion	Ratio	Lower	Upper
93	100		
63	75.0	58.6	98.6
95	32.4	11.8	51.8

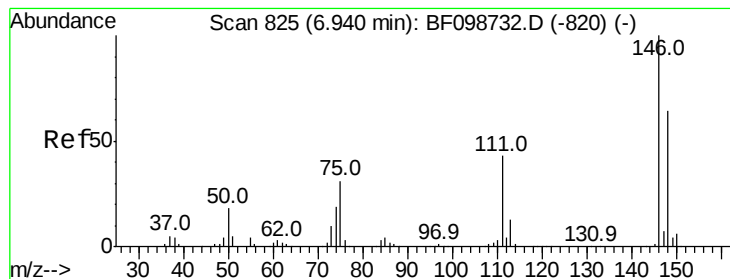


#12
 1,3-Dichlorobenzene
 Concen: 44.668 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

Tgt Ion: 146 Resp: 287990

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	25.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 44.471 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

Instrument :

BNA_F

ClientSampleId :

HR-06-100617-AMS

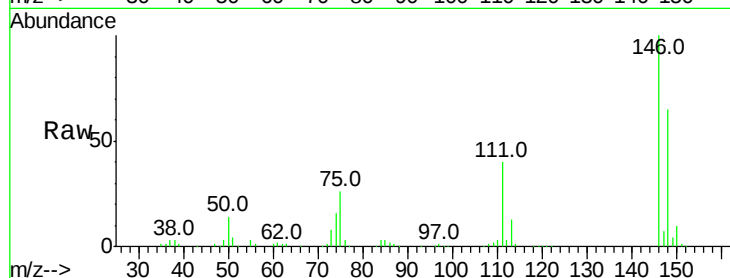
Tot Ion:146 Resp: 291717

Ion Ratio Lower Upper

146 100

148 64.8 50.8 76.2

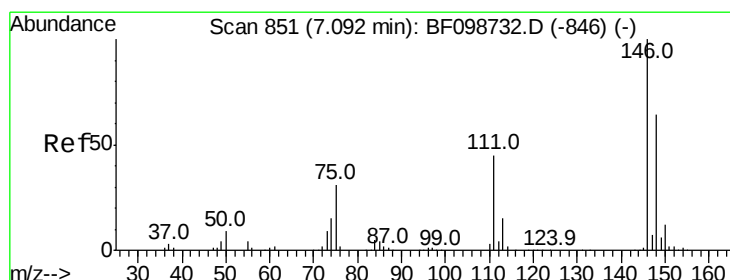
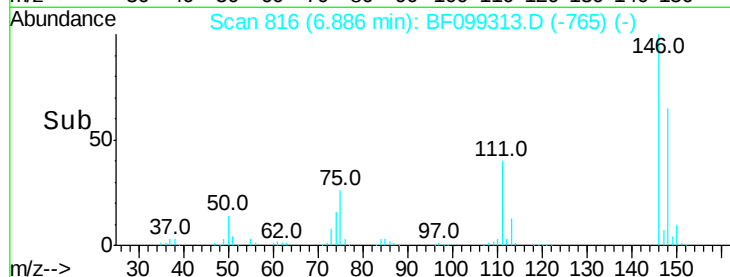
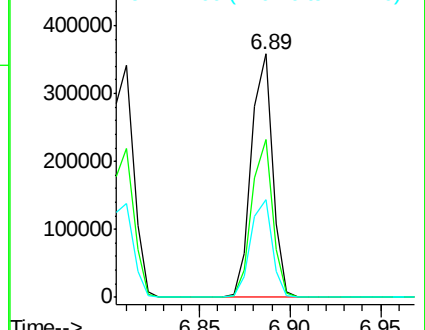
111 40.3 34.2 51.2



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: 45.250 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

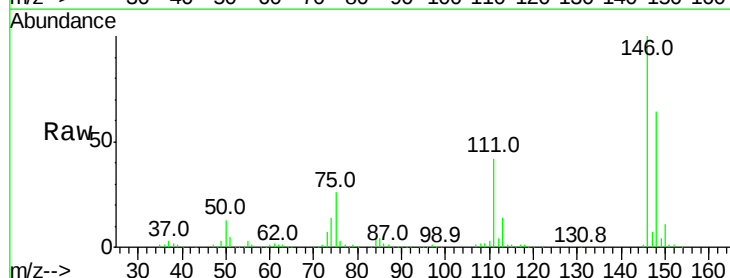
Tgt Ion:146 Resp: 274268

Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

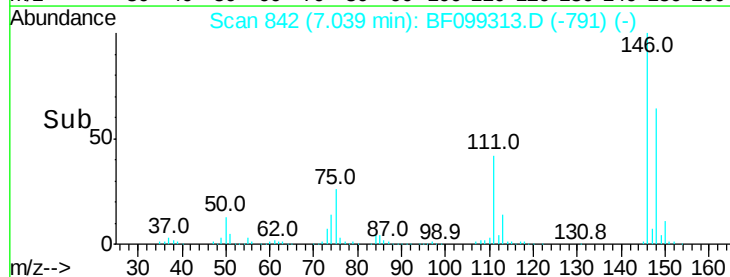
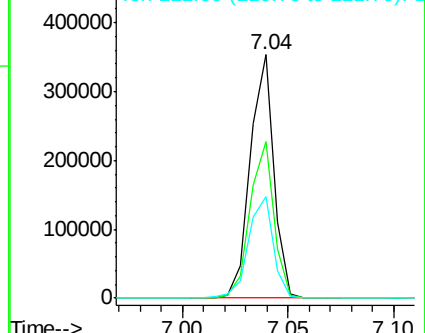
111 41.7 36.0 54.0

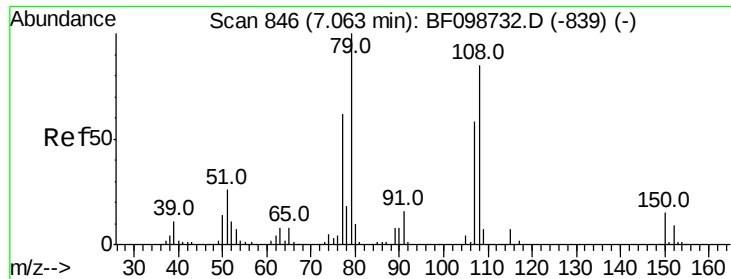


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

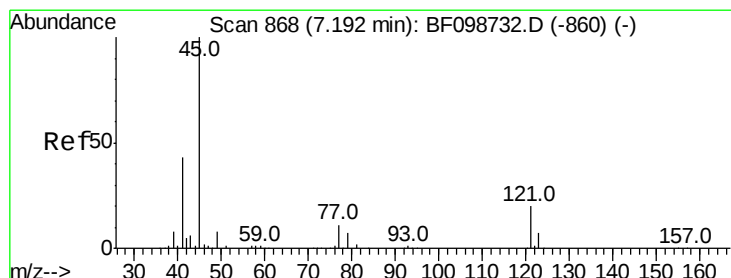
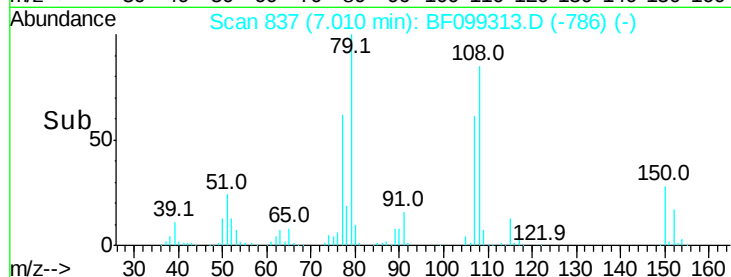
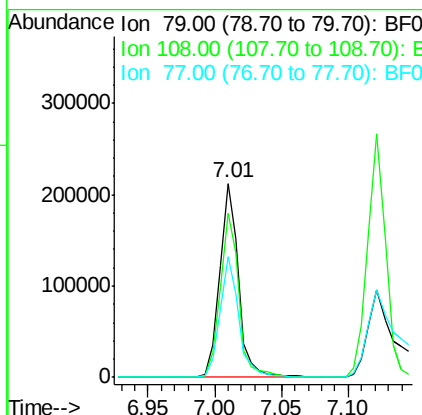
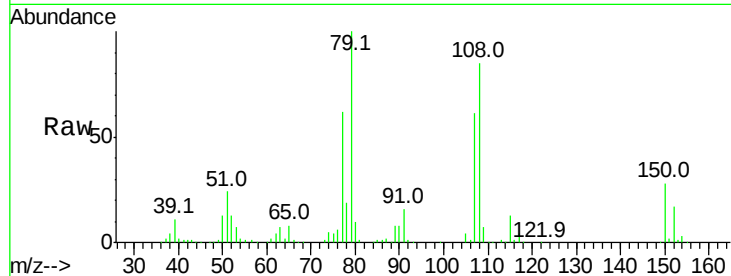




#15
Benzyl Alcohol
Concen: 43.059 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

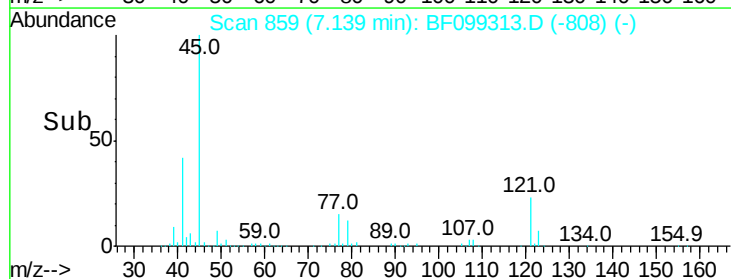
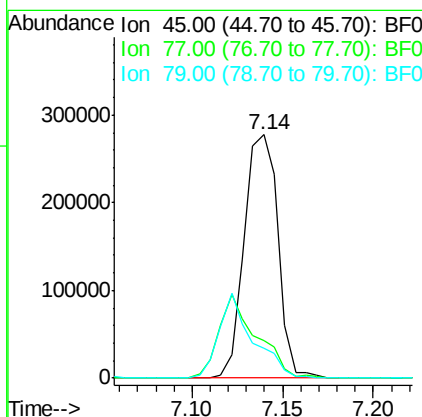
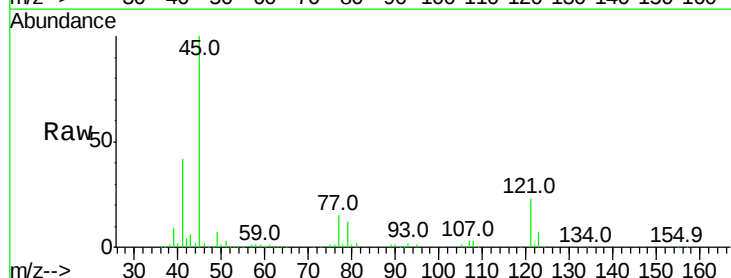
Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMS

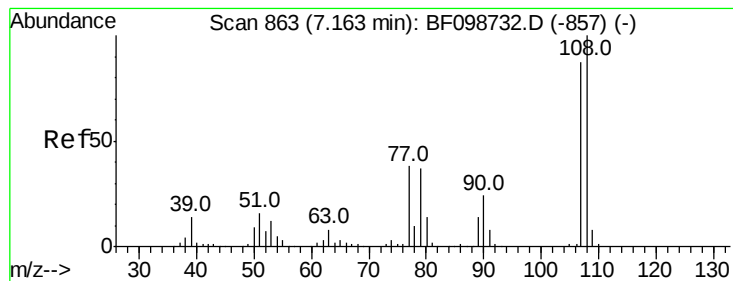
Tot Ion: 79 Resp: 211839
Ion Ratio Lower Upper
79 100
108 84.7 65.1 97.7
77 62.4 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.507 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

Tgt Ion: 45 Resp: 358890
Ion Ratio Lower Upper
45 100
77 15.3 0.0 32.9
79 12.4 0.0 29.6





#17

2-Methylphenol

Concen: 43.963 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

Instrument :

BNA_F

ClientSampleId :

HR-06-100617-AMS

Tot Ion:107 Resp: 221451

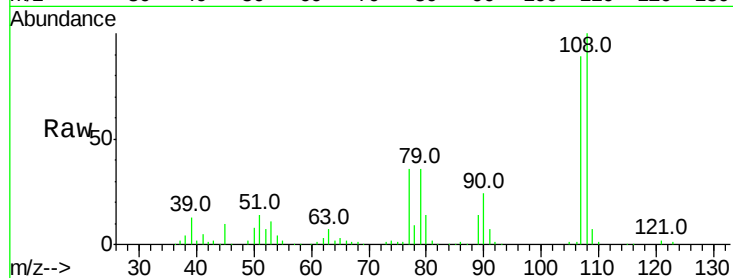
Ion Ratio Lower Upper

107 100

108 112.3 91.7 137.5

77 40.2 33.8 50.8

79 40.6 33.8 50.8

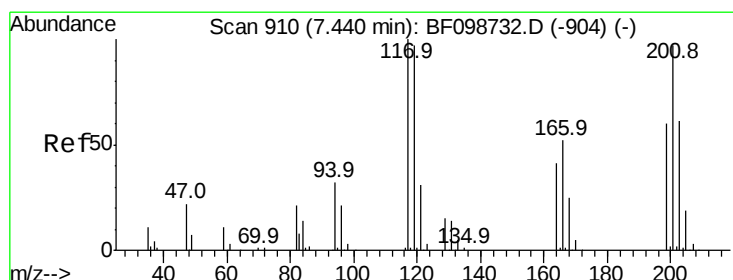
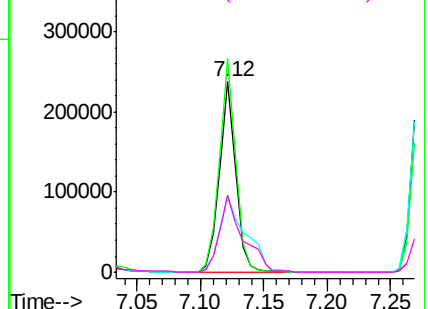
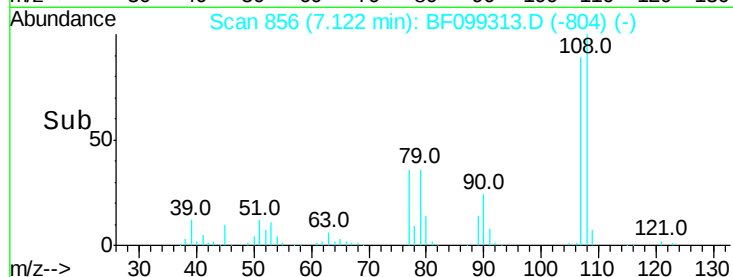


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.900 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

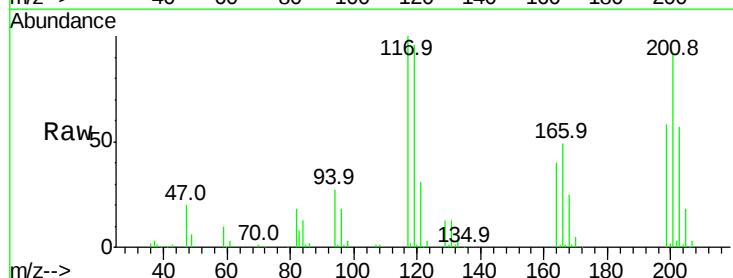
Tgt Ion:117 Resp: 91721

Ion Ratio Lower Upper

117 100

119 96.1 75.8 113.8

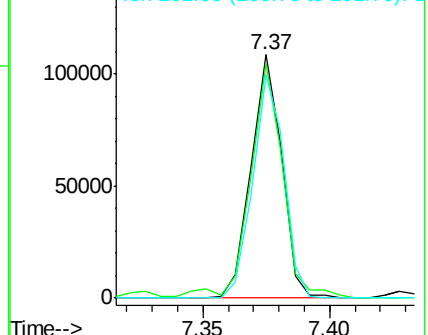
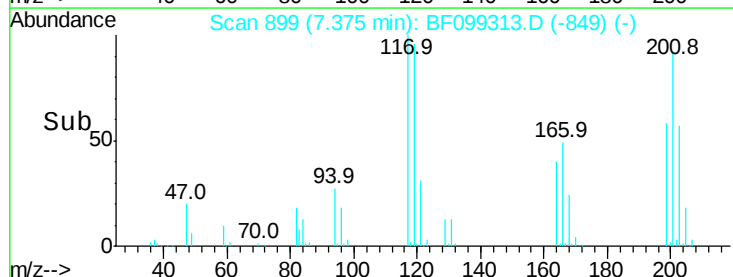
201 91.7 75.7 113.5



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

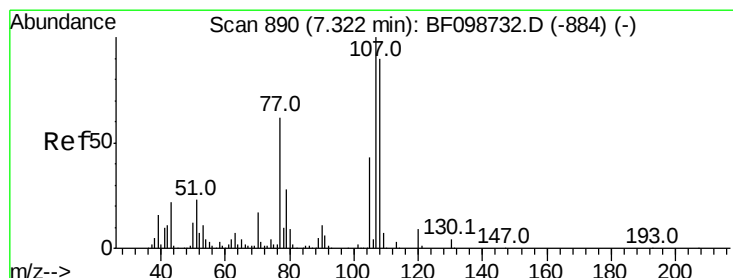
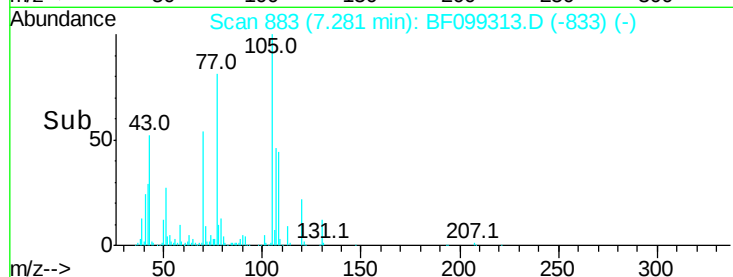
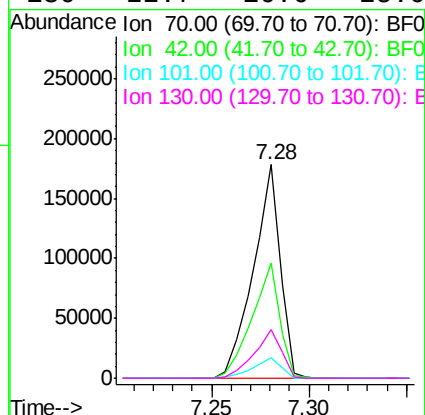
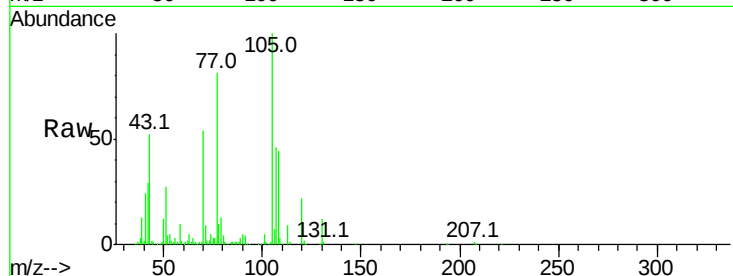




#19
n-Nitroso-di-n-propylamine
Concen: 39.912 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

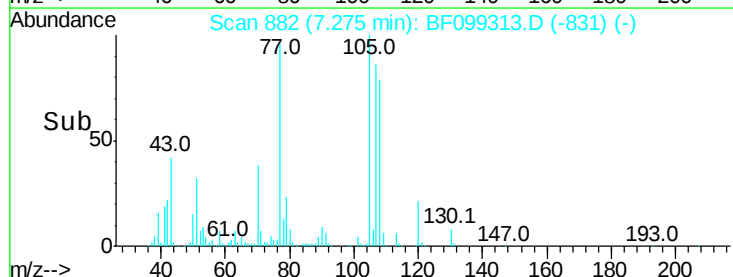
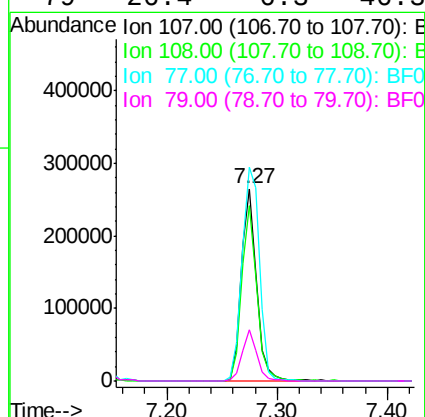
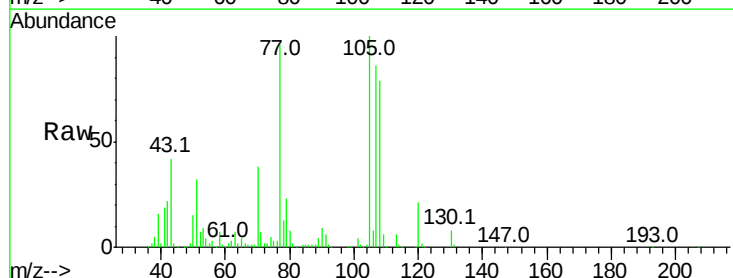
Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMS

Tot Ion:	70	Resp:	170889
Ion	Ratio	Lower	Upper
70	100		
42	53.7	47.5	71.3
101	9.5	7.4	11.2
130	22.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 40.633 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

Tgt Ion:	107	Resp:	258930
Ion	Ratio	Lower	Upper
107	100		
108	90.9	68.2	108.2
77	111.0	26.7	66.7#
79	26.4	6.3	46.3

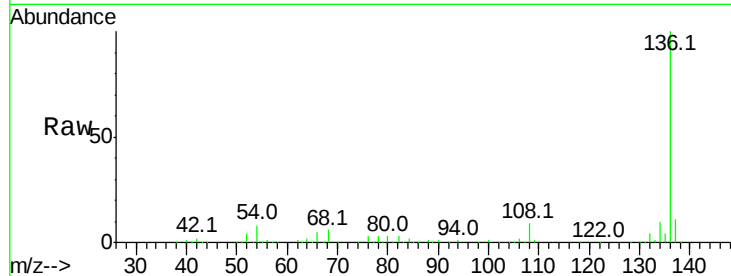




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMS

Tot Ion:	136	Resp:	340976
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.5	6.6	9.8
68	6.1	5.0	7.4



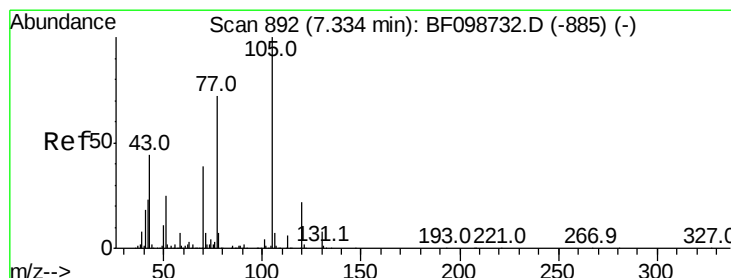
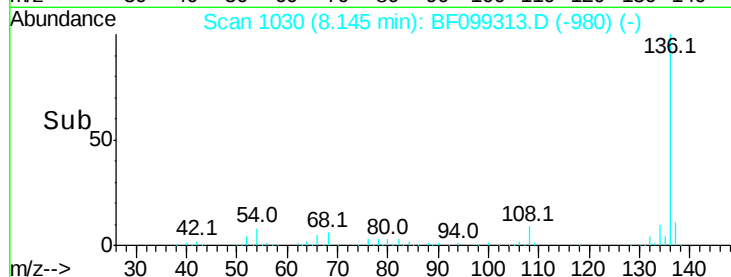
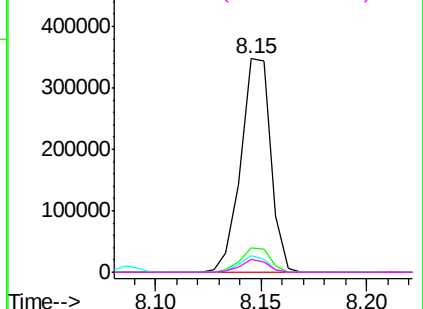
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

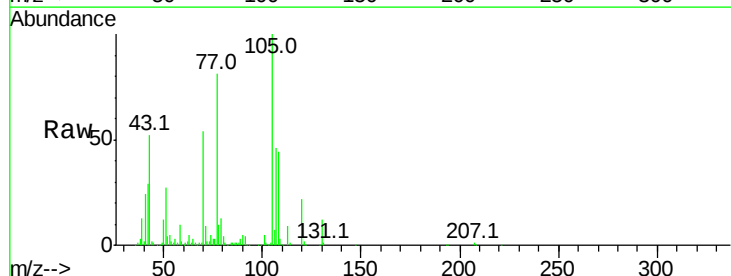
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 44.267 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

Tgt Ion:	105	Resp:	365700
Ion	Ratio	Lower	Upper
105	100		
71	9.3	4.4	6.6#
51	26.9	22.3	33.5
120	21.7	16.9	25.3



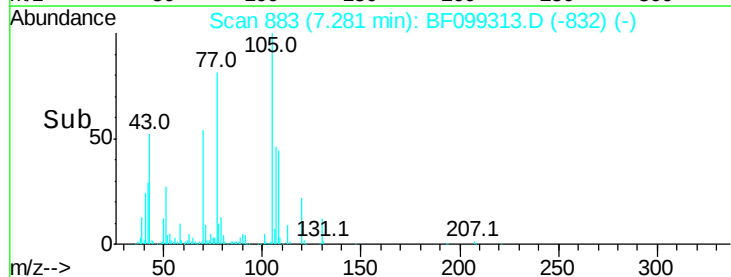
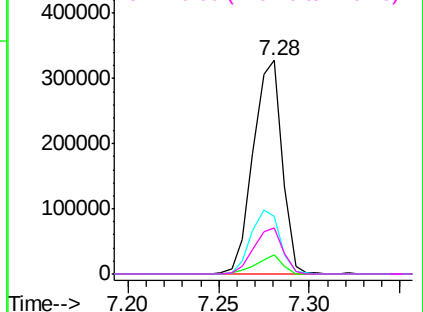
Abundance

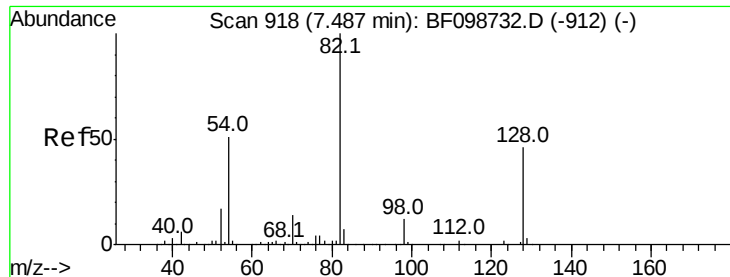
Ion 105.00 (104.70 to 105.70): E

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

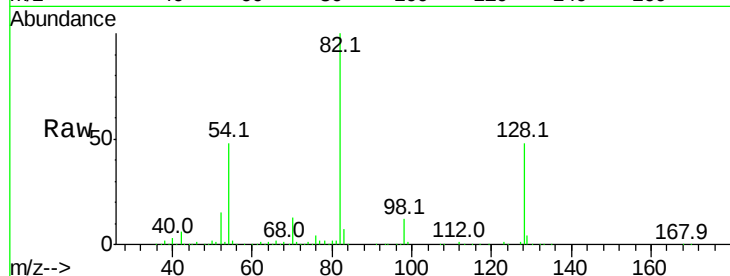




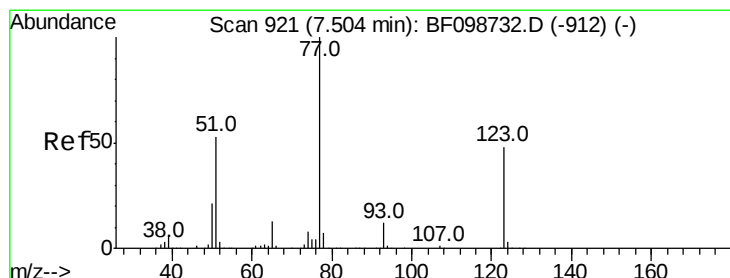
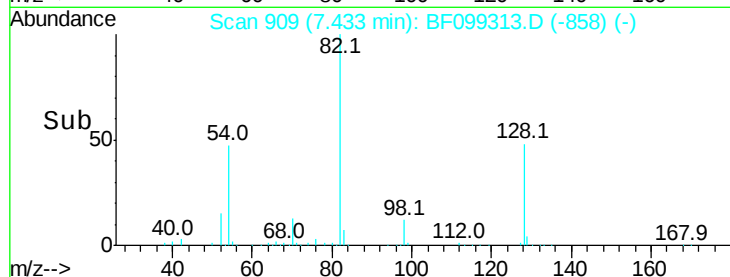
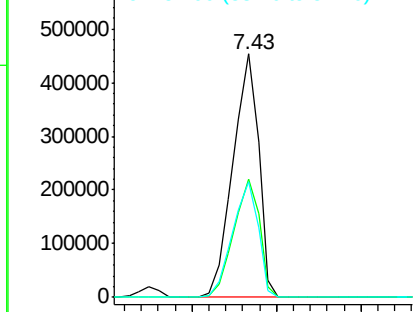
#23
Nitrobenzene-d5
Concen: 90.301 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMS

Tot Ion: 82 Resp: 480127
Ion Ratio Lower Upper
82 100
128 48.4 36.1 54.1
54 47.6 41.4 62.2

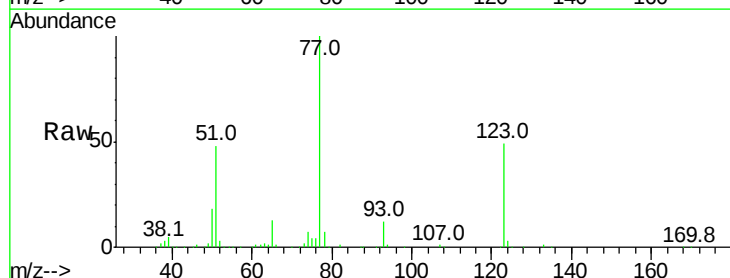


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

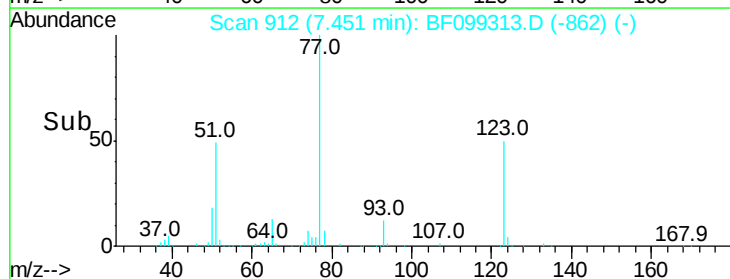
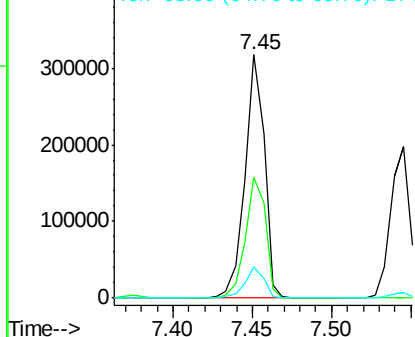


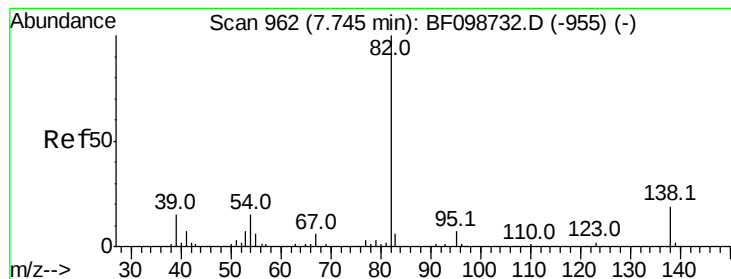
#24
Nitrobenzene
Concen: 44.543 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

Tgt Ion: 77 Resp: 268655
Ion Ratio Lower Upper
77 100
123 49.5 37.9 56.9
65 13.0 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.769 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

Instrument :

BNA_F

ClientSampleId :

HR-06-100617-AMS

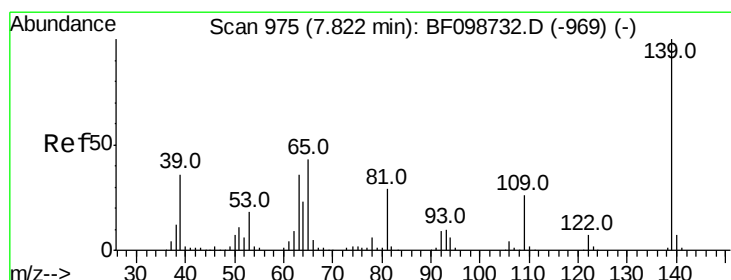
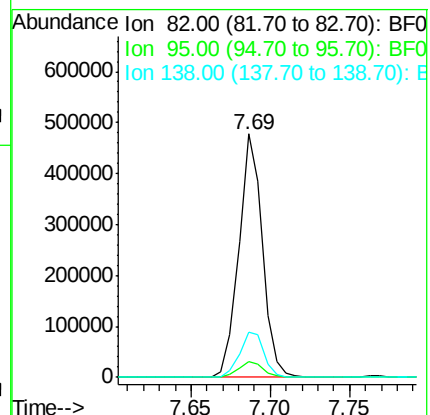
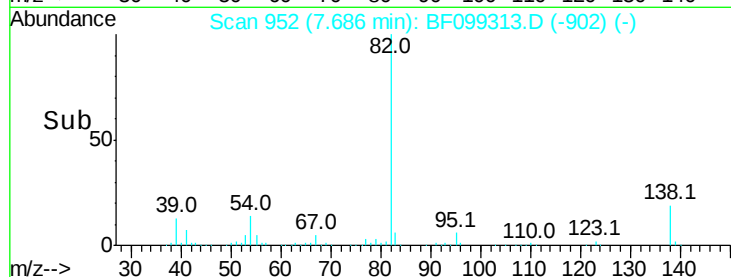
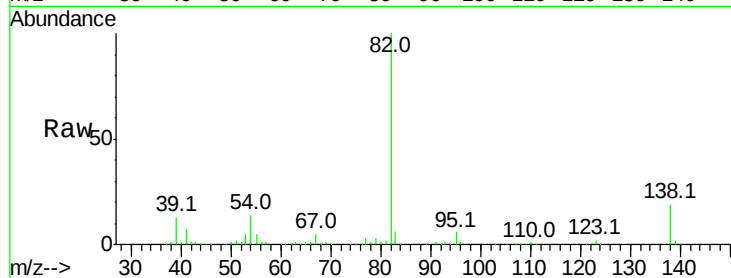
Tot Ion: 82 Resp: 492139

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 18.7 14.9 22.3



#26

2-Nitrophenol

Concen: 49.950 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

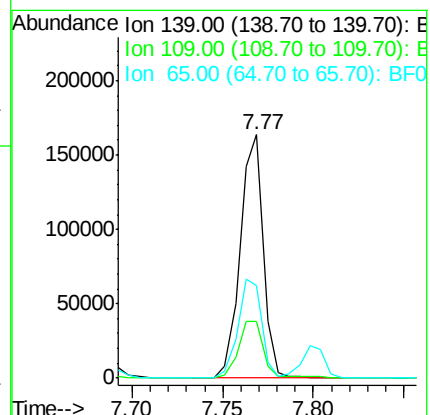
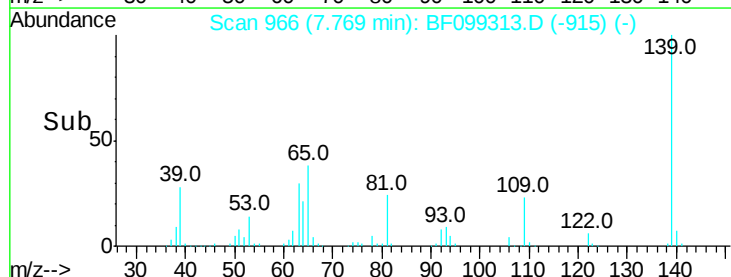
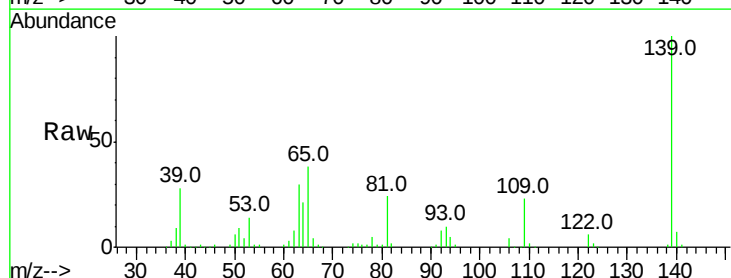
Tgt Ion: 139 Resp: 144872

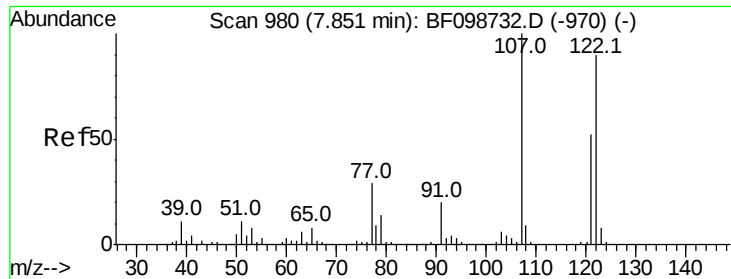
Ion Ratio Lower Upper

139 100

109 23.2 22.7 34.1

65 37.8 40.5 60.7#

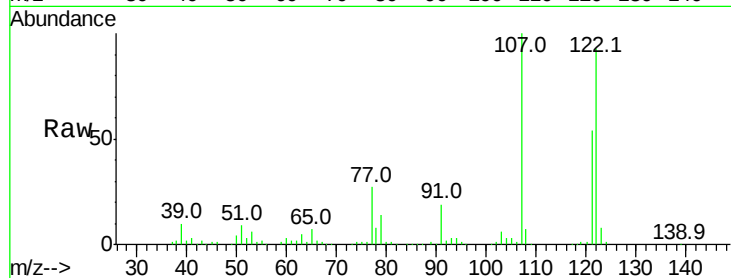




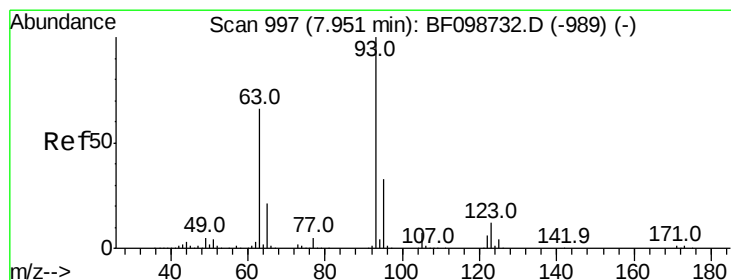
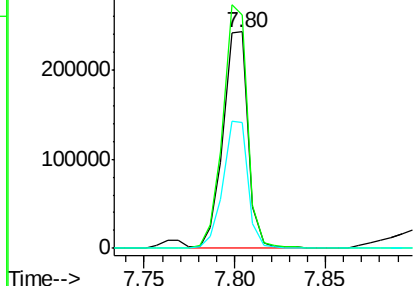
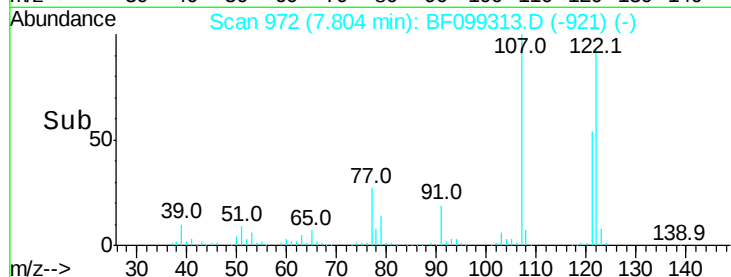
#27
 2,4-Dimethylphenol
 Concen: 42.961 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-AMS

Tot Ion:122 Resp: 235313
 Ion Ratio Lower Upper
 122 100
 107 107.8 91.2 136.8
 121 58.2 47.2 70.8

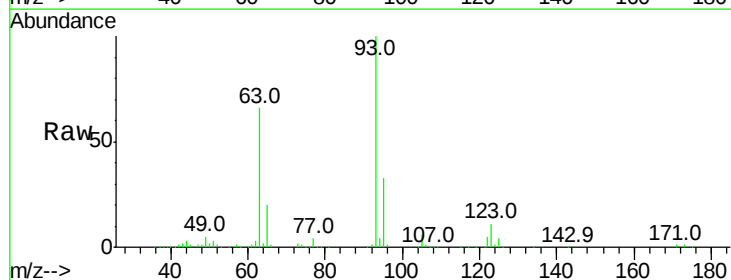


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

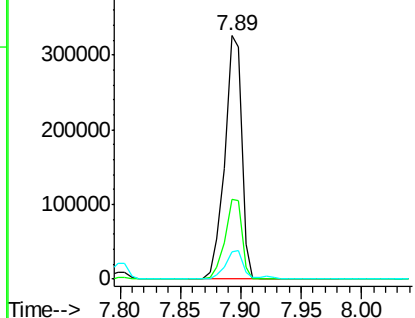
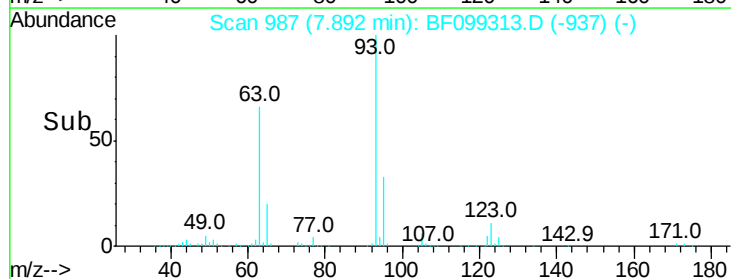


#28
 bis(2-Chloroethoxy)methane
 Concen: 46.406 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

Tgt Ion: 93 Resp: 317908
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.3 39.5
 123 11.1 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

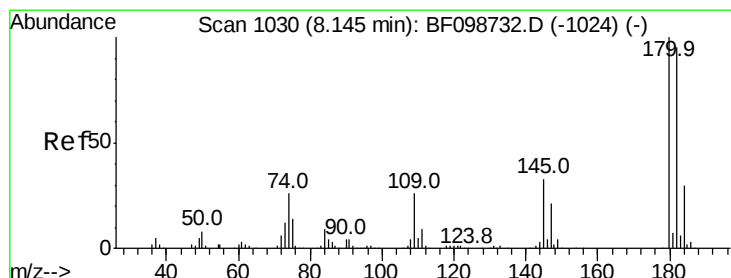
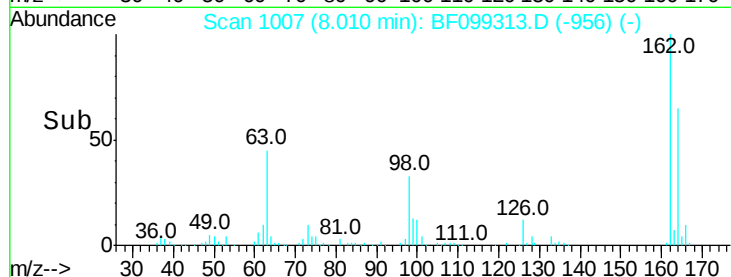
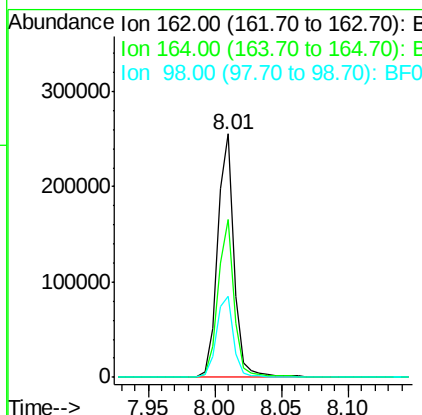
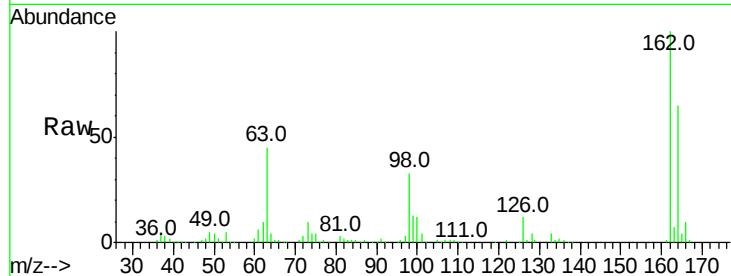




#29
 2,4-Dichlorophenol
 Concen: 47.697 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

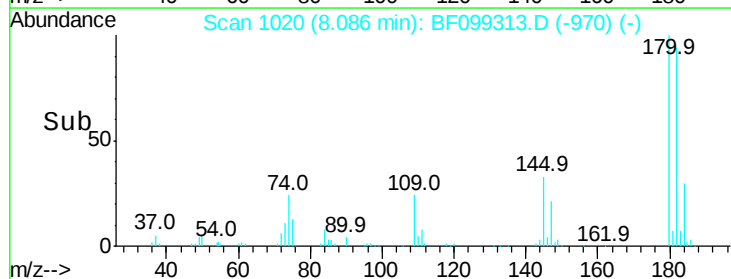
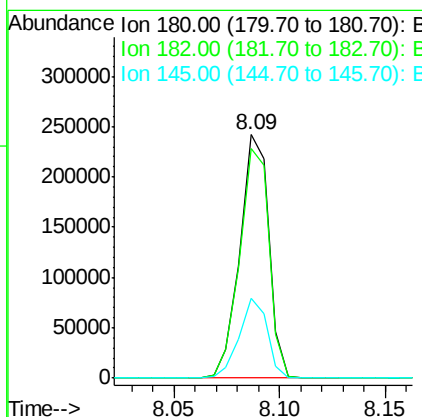
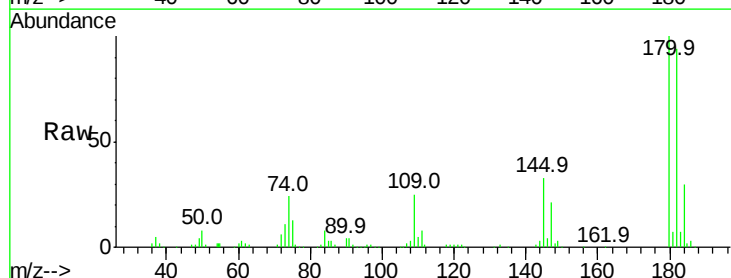
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-AMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.7	82.7
98	33.1	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 48.919 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.8	115.2
145	32.8	26.5	39.7





#31

Naphthalene

Concen: 48.989 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

Instrument :

BNA_F

ClientSampleId :

HR-06-100617-AMS

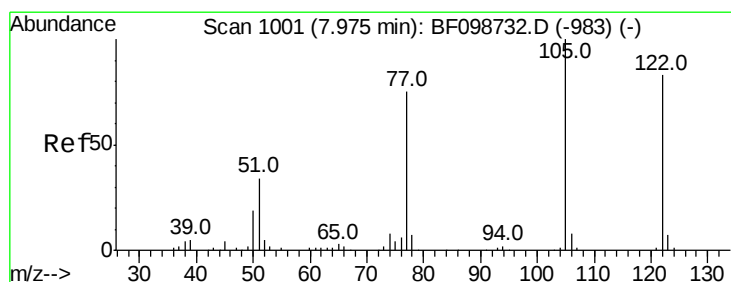
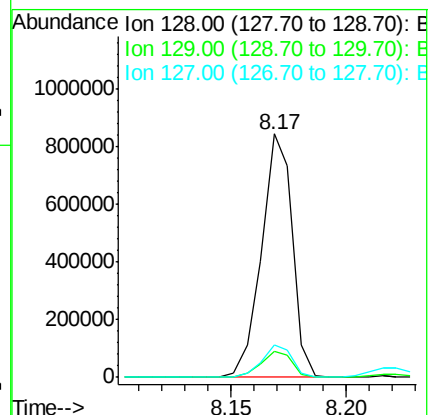
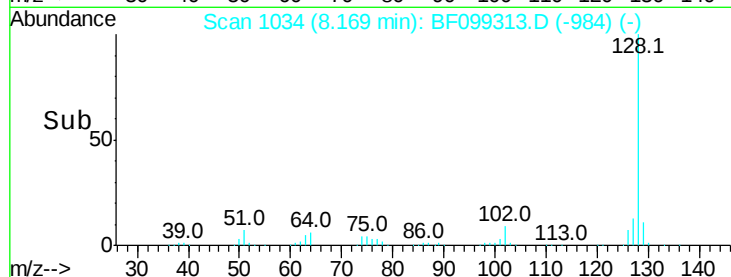
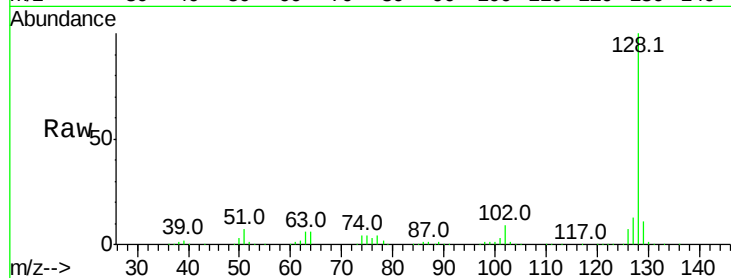
Tot Ion:128 Resp: 784533

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.1 10.9 16.3



#32

Benzoic acid

Concen: 22.030 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

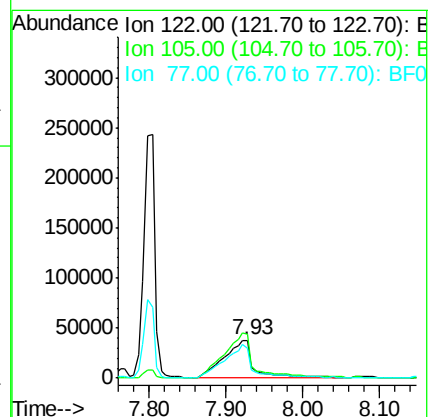
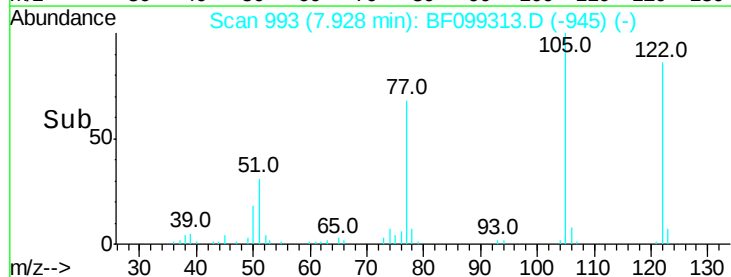
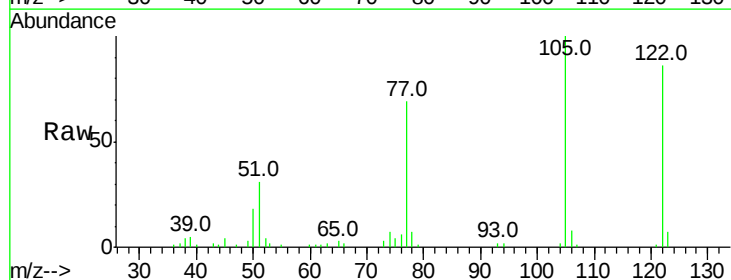
Tgt Ion:122 Resp: 99120

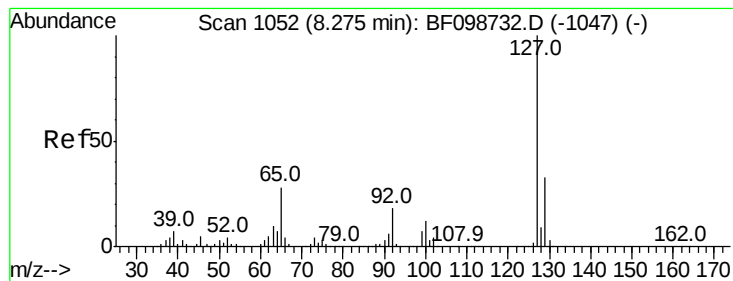
Ion Ratio Lower Upper

122 100

105 115.7 101.1 141.1

77 79.6 70.7 110.7





#33

4-Chloroaniline

Concen: 7.984 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

Instrument :

BNA_F

ClientSampleId :

HR-06-100617-AMS

Tot Ion:127 Resp: 53393

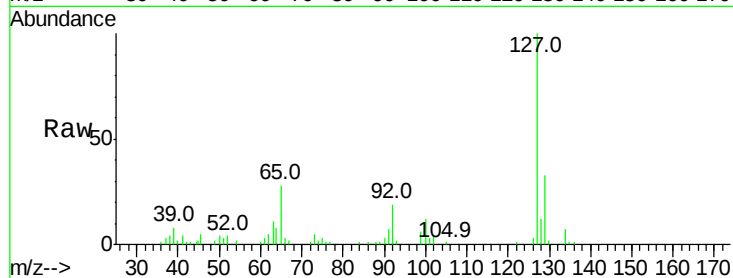
Ion Ratio Lower Upper

127 100

129 32.9 25.9 38.9

65 27.5 25.0 37.4

92 19.4 15.2 22.8

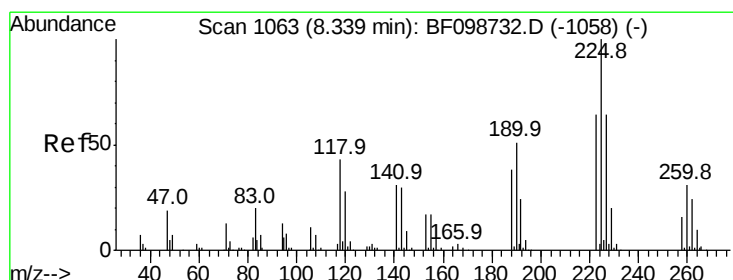
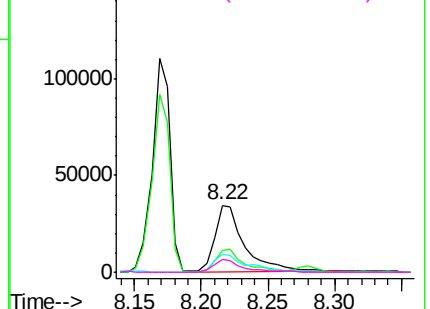
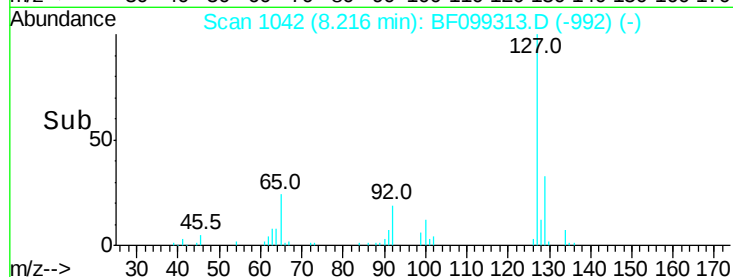


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 47.675 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

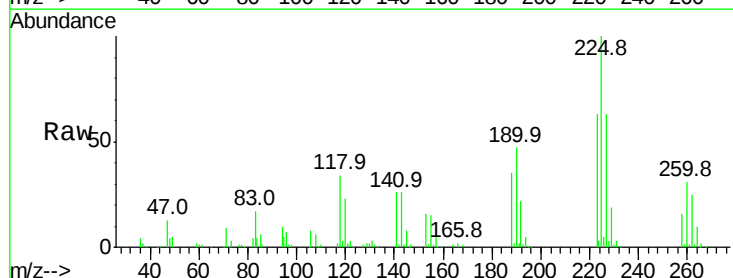
Tgt Ion:225 Resp: 115499

Ion Ratio Lower Upper

225 100

223 62.8 50.6 76.0

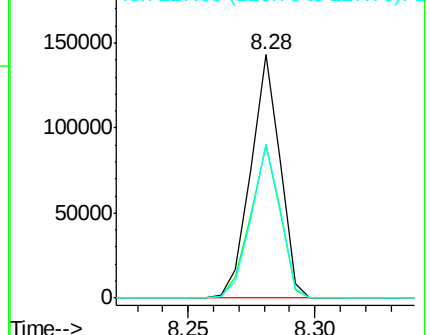
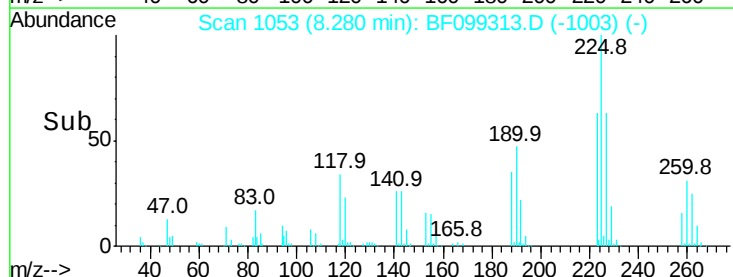
227 63.4 51.9 77.9

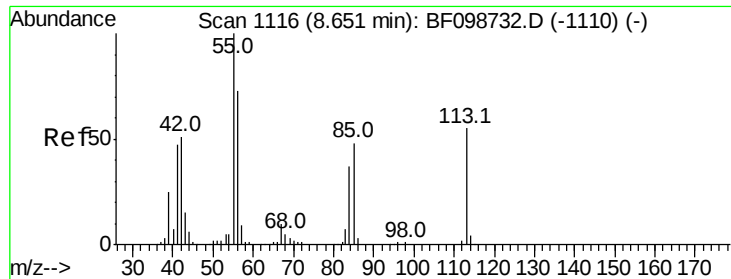


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

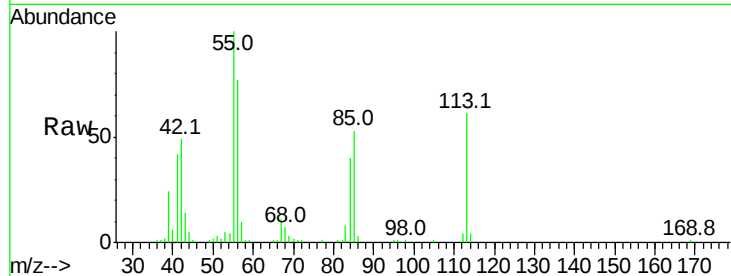




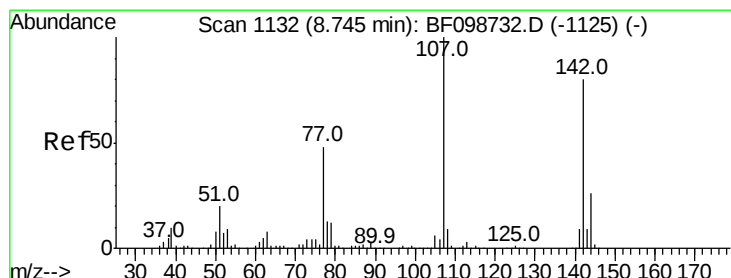
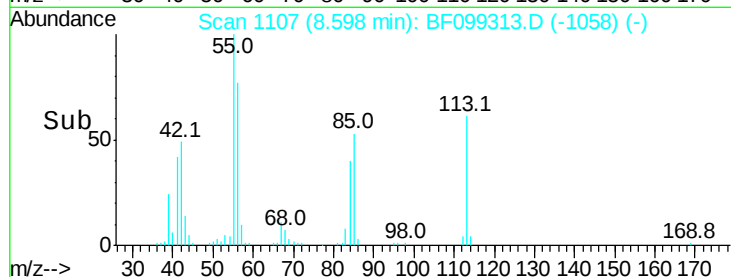
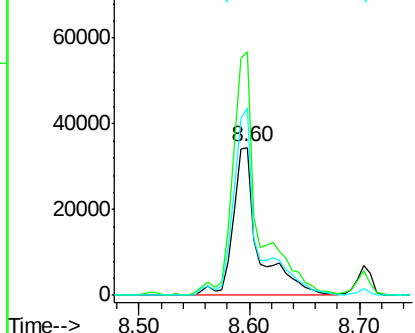
#35
 Caprolactam
 Concen: 37.677 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-AMS

Tot Ion:113 Resp: 56836
 Ion Ratio Lower Upper
 113 100
 55 164.6 163.3 203.3
 56 126.6 115.7 155.7

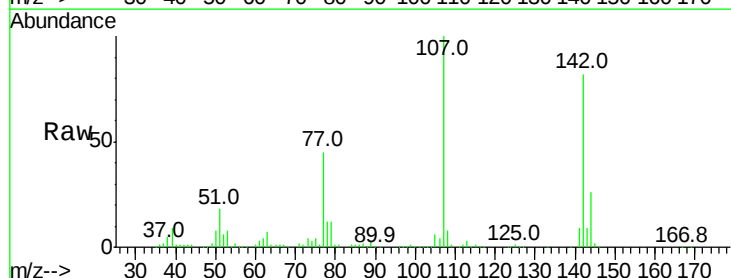


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

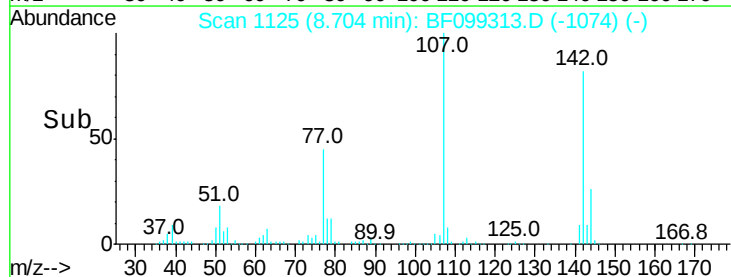
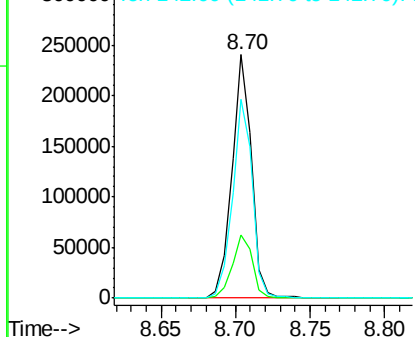


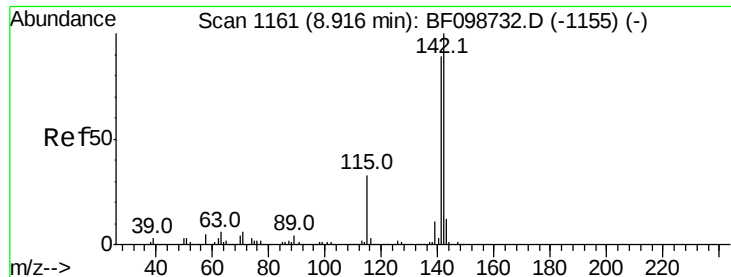
#36
 4-Chloro-3-methylphenol
 Concen: 42.300 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

Tgt Ion:107 Resp: 223588
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.5 30.7
 142 81.5 62.0 93.0



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

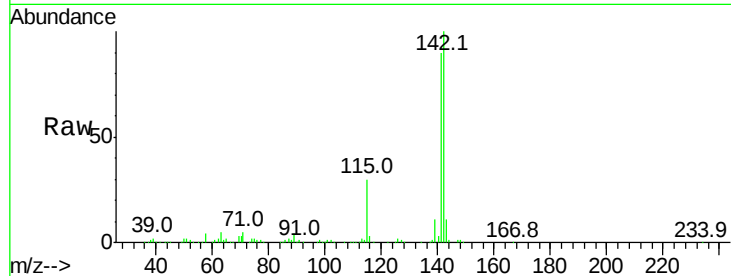




#37
 2-Methylnaphthalene
 Concen: 49.629 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	29.8	26.1	39.1

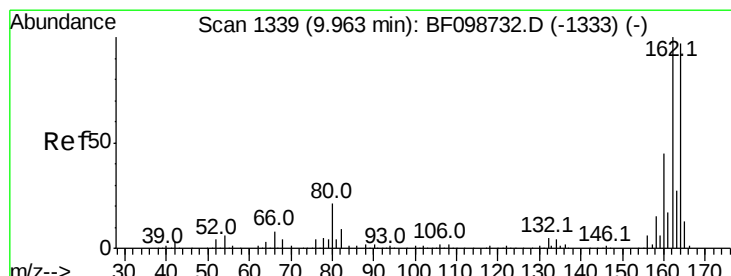
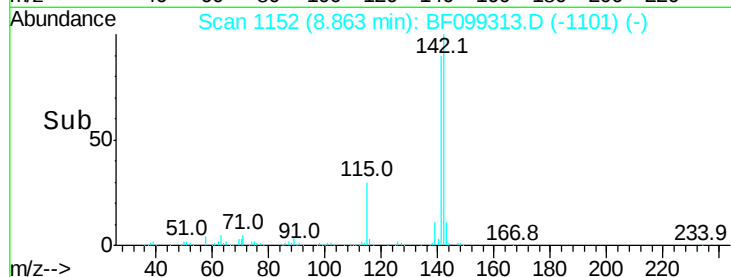
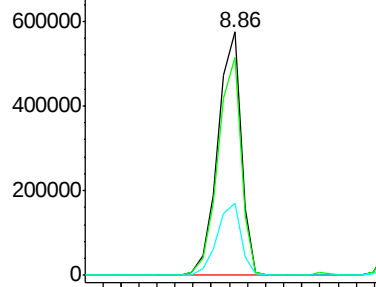


Abundance

Ion 142.00 (141.70 to 142.70): E

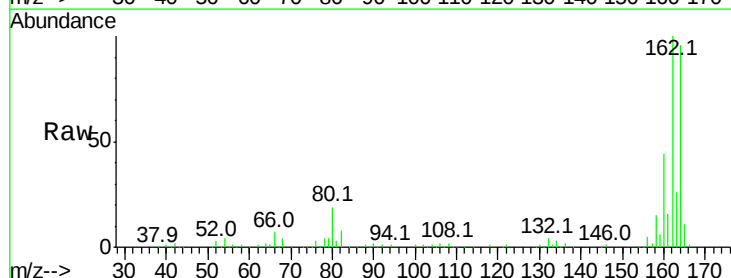
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	45.6	38.3	57.5

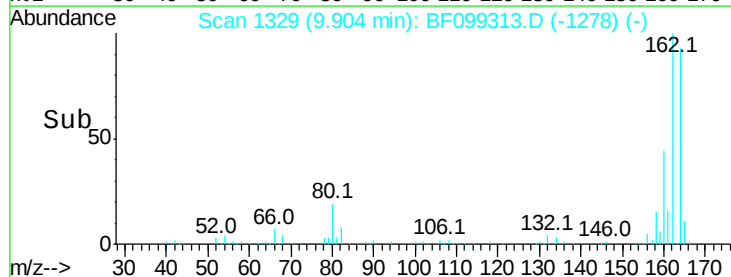
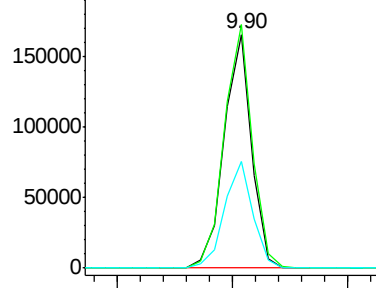


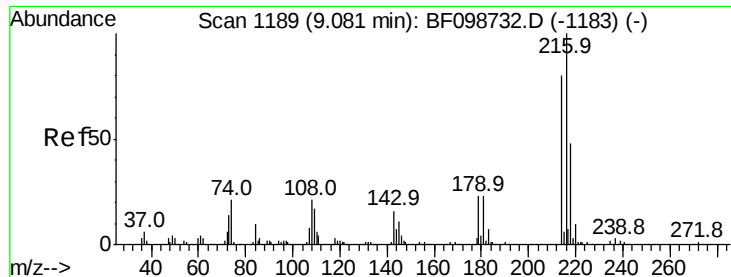
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

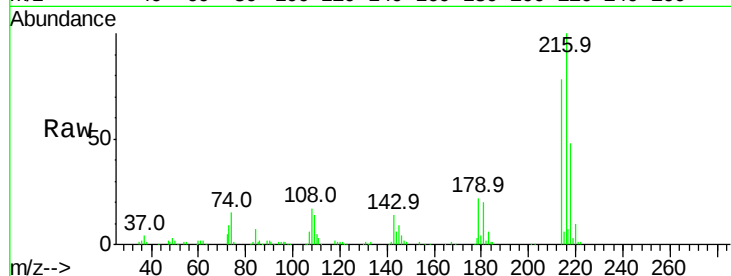




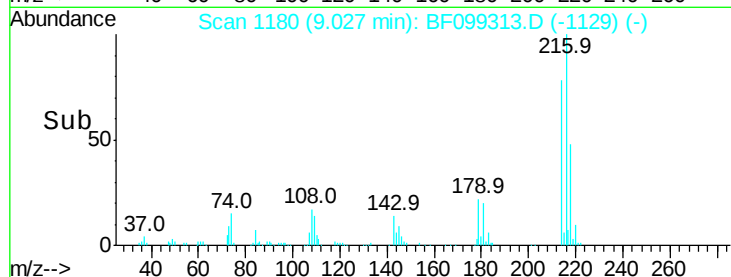
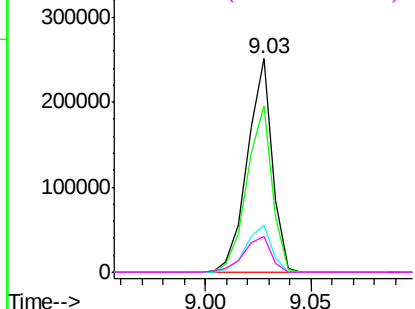
#39
1,2,4,5-Tetrachlorobenzene
Concen: 49.908 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMS

Tot Ion:	216	Resp:	204985
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	22.5	18.1	27.1
108	18.6	17.2	25.8

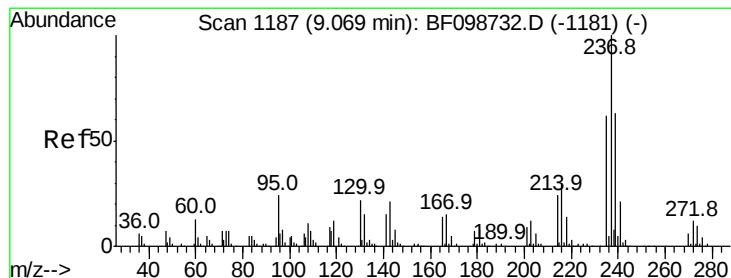


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

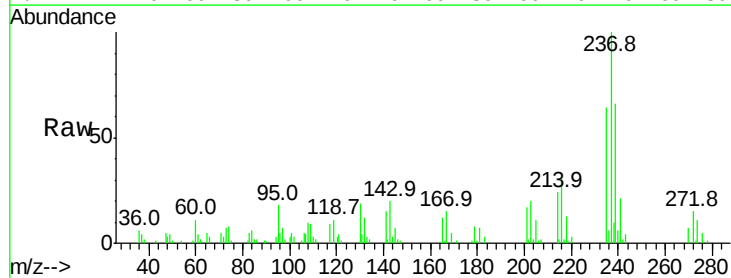
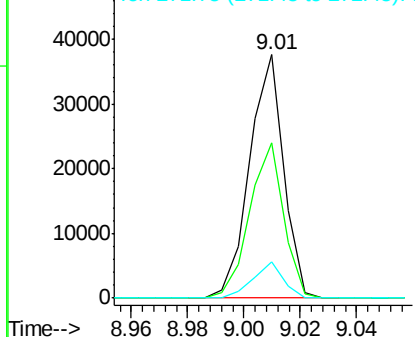


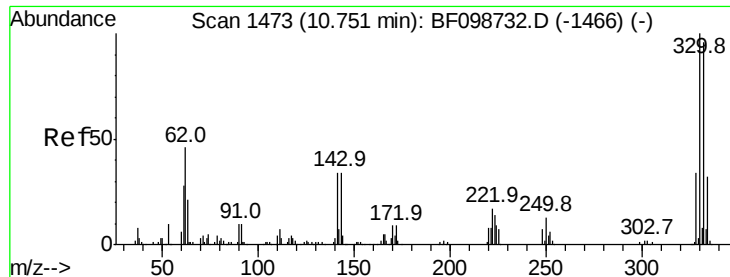
#40
Hexachlorocyclopentadiene
Concen: 16.727 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

Tgt Ion:	237	Resp:	31397
Ion	Ratio	Lower	Upper
237	100		
235	64.0	44.8	84.8
272	14.7	0.0	33.3



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

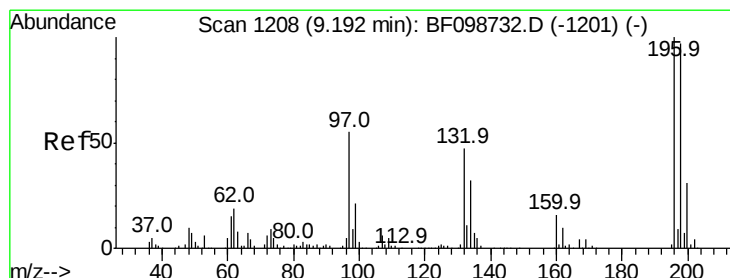
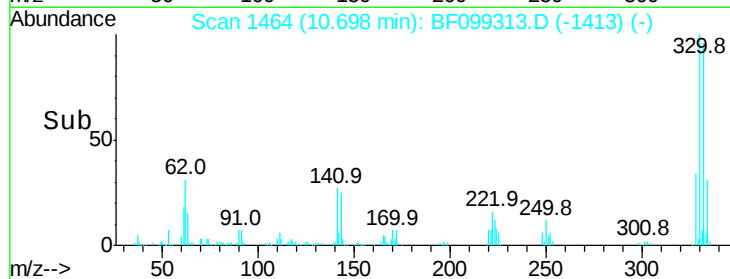
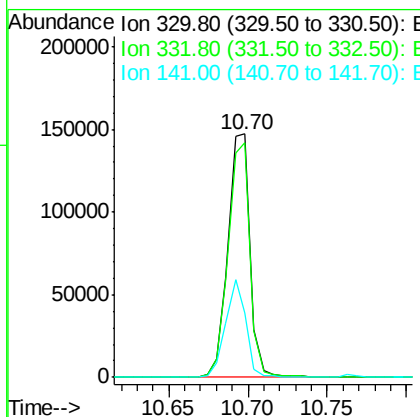
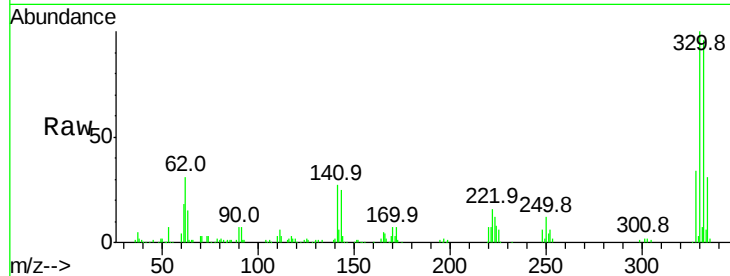




#41
 2,4,6-Tribromophenol
 Concen: 126.935 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

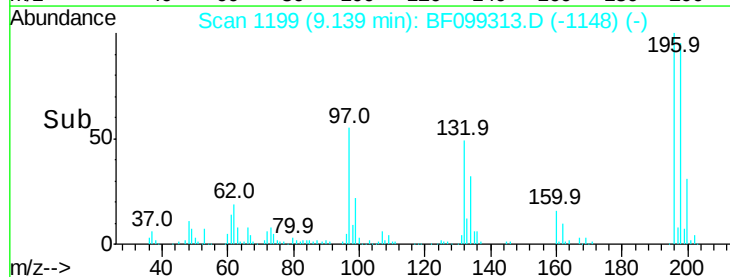
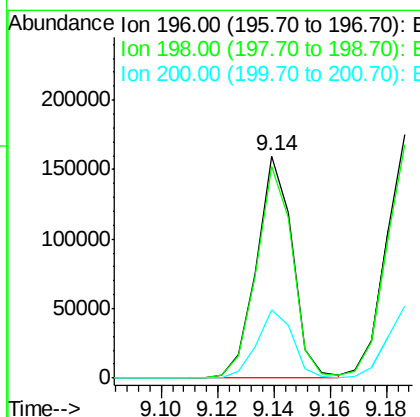
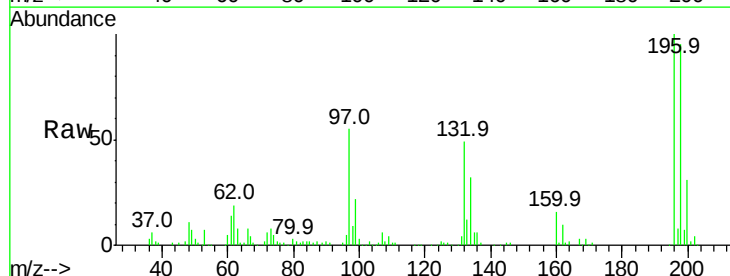
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-AMS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	36.9	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 48.394 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
200	30.6	24.5	36.7

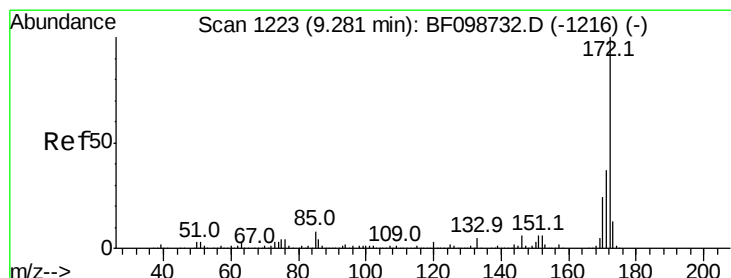
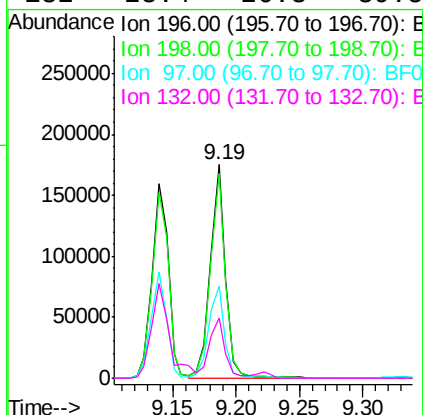
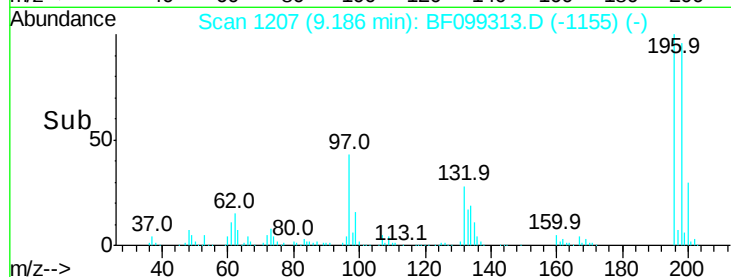
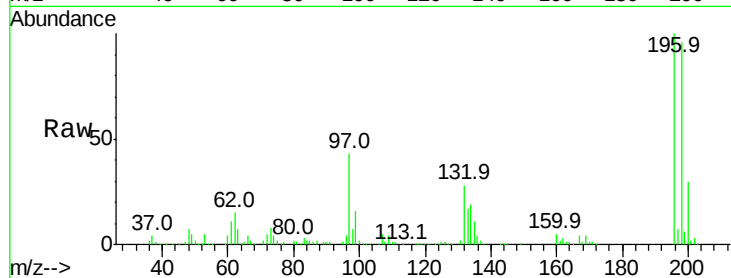




#43
 2,4,5-Trichlorophenol
 Concen: 51.413 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

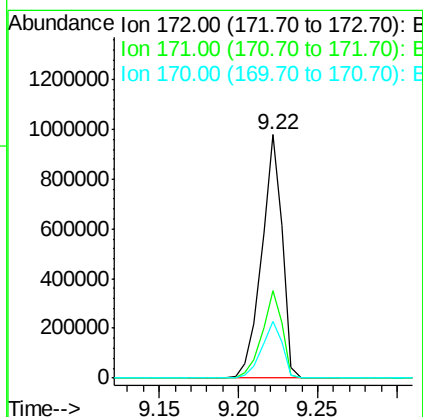
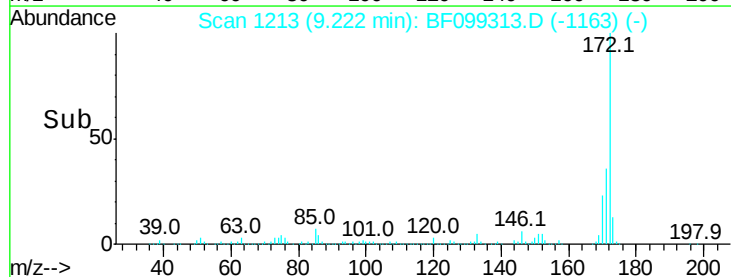
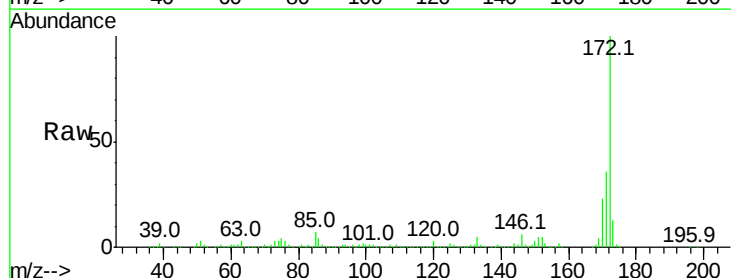
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-AMS

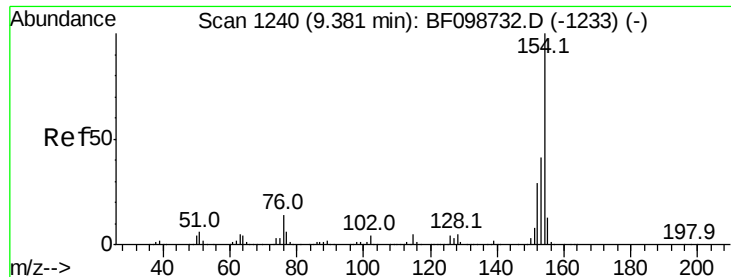
Tot Ion:	196	Resp:	149338
Ion	Ratio	Lower	Upper
196	100		
198	95.7	74.6	112.0
97	43.5	42.9	64.3
132	28.4	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 107.253 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

Tgt Ion:	172	Resp:	884809
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.4	19.6	29.4

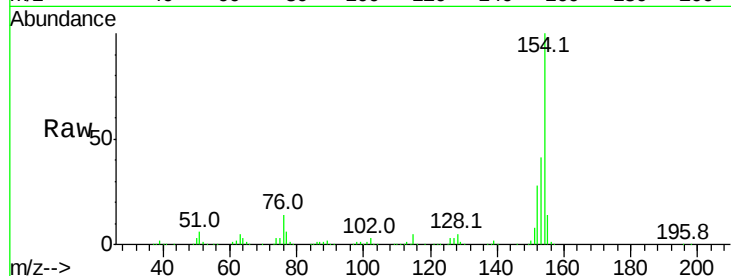




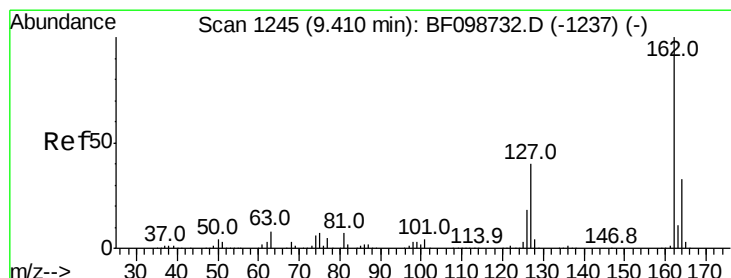
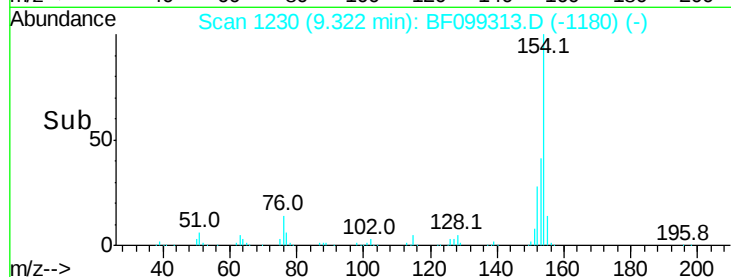
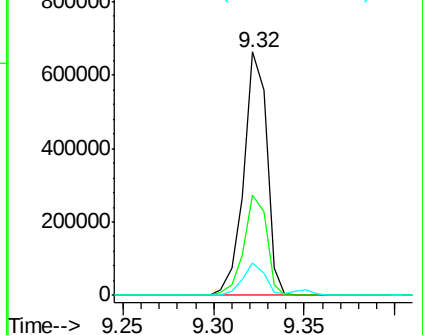
#45
 1,1'-Biphenyl
 Concen: 49.500 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-AMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	13.6	0.0	34.0

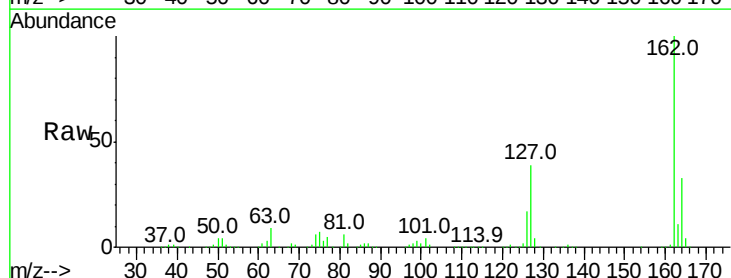


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

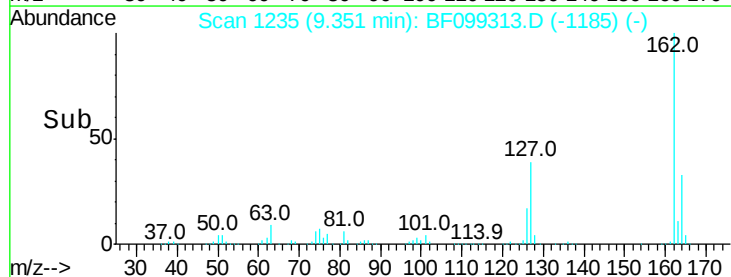
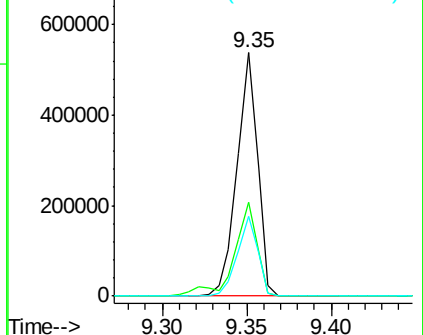


#46
 2-Chloronaphthalene
 Concen: 51.181 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.8	33.9	50.9
164	32.9	26.5	39.7



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

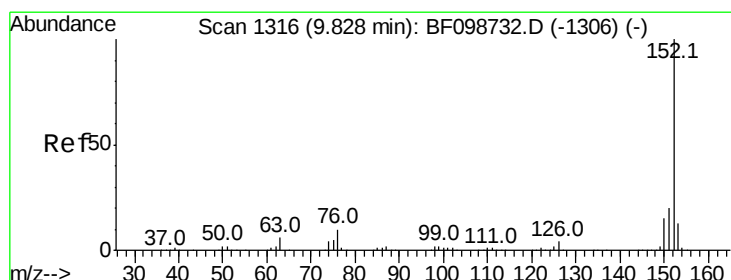
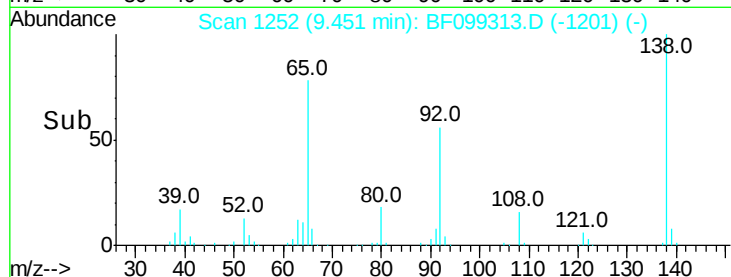
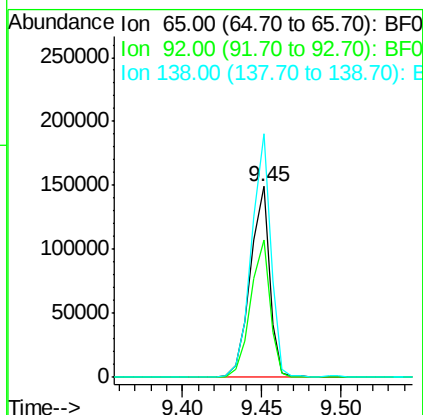
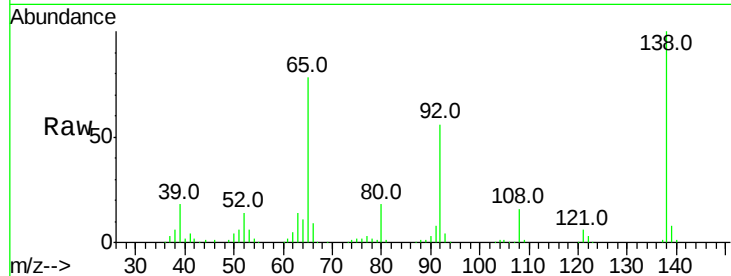




#47
2-Nitroaniline
Concen: 46.494 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

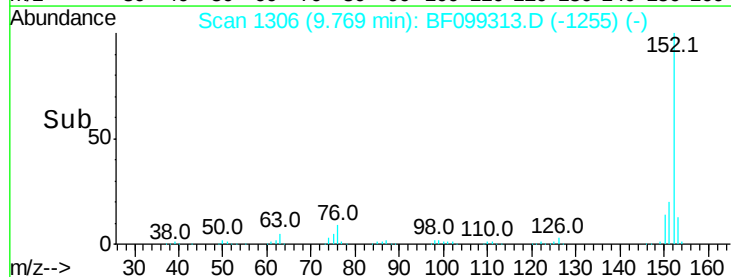
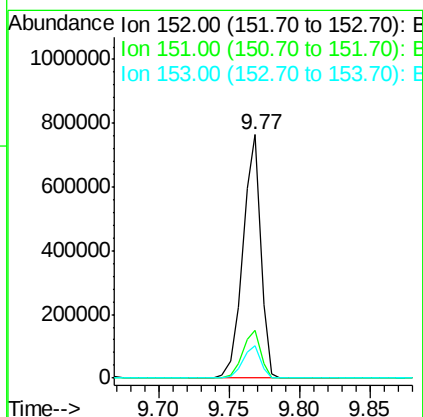
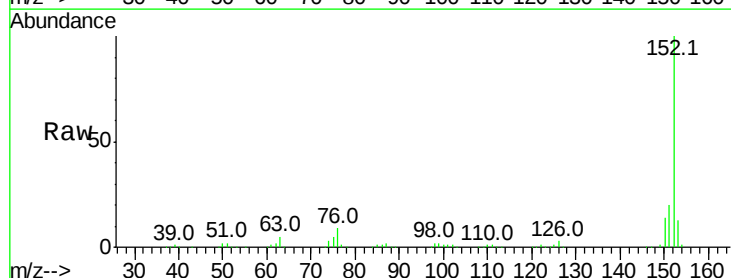
Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMS

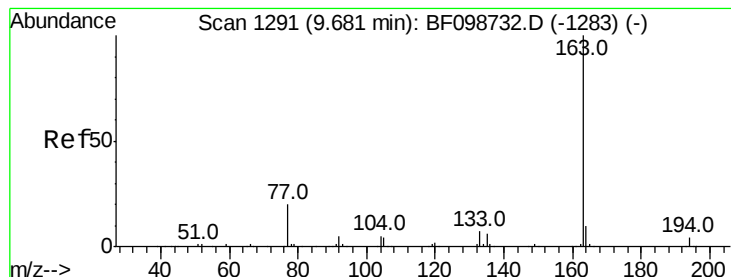
Tot Ion: 65 Resp: 126521
Ion Ratio Lower Upper
65 100
92 72.1 55.8 83.6
138 127.7 91.2 136.8



#48
Acenaphthylene
Concen: 49.030 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

Tgt Ion: 152 Resp: 667036
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.1 10.7 16.1





#49

Dimethylphthalate

Concen: 51.670 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

Instrument :

BNA_F

ClientSampleId :

HR-06-100617-AMS

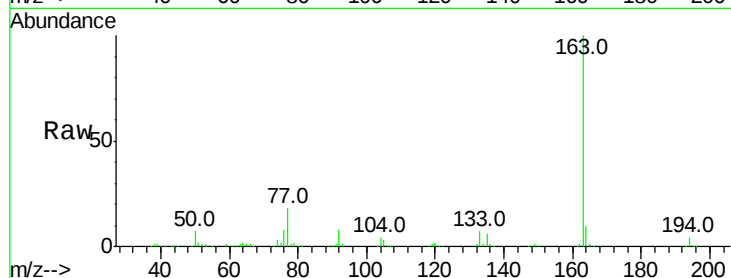
Tot Ion:163 Resp: 537089

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

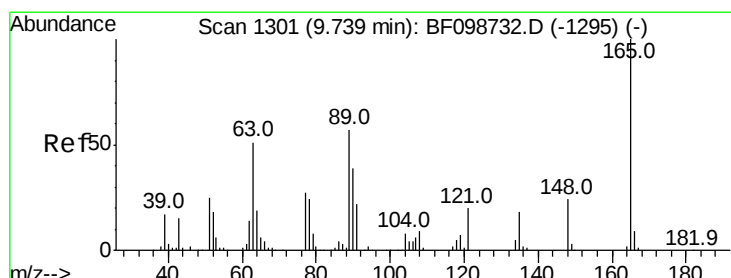
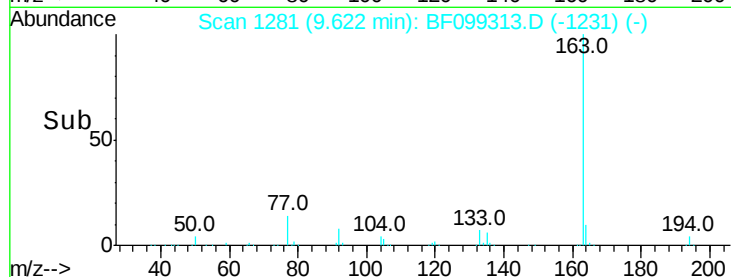
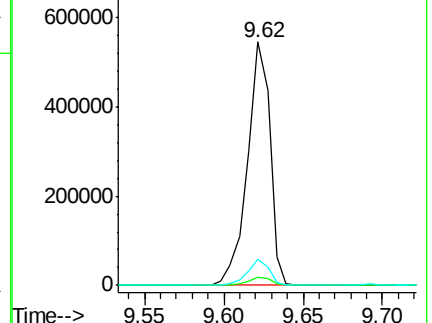
164 10.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.937 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

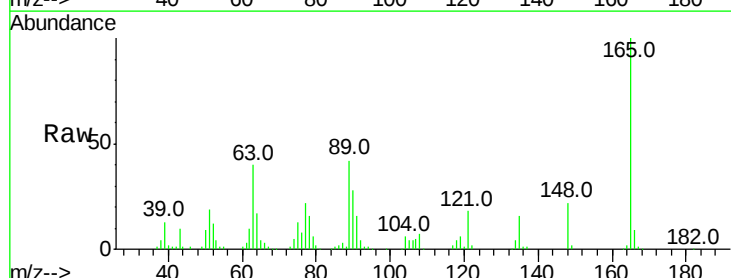
Tgt Ion:165 Resp: 113005

Ion Ratio Lower Upper

165 100

63 39.6 44.7 67.1#

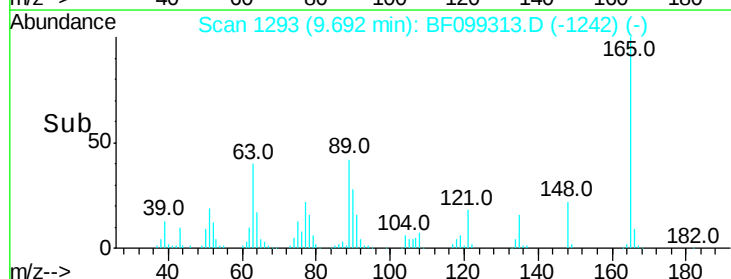
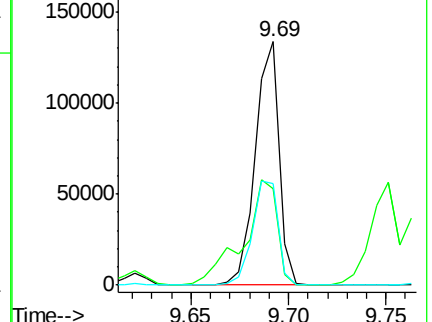
89 41.9 44.0 66.0#

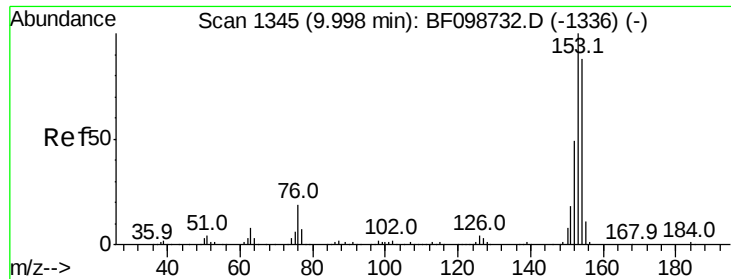


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

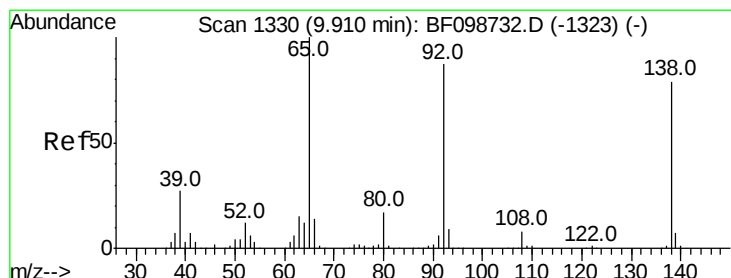
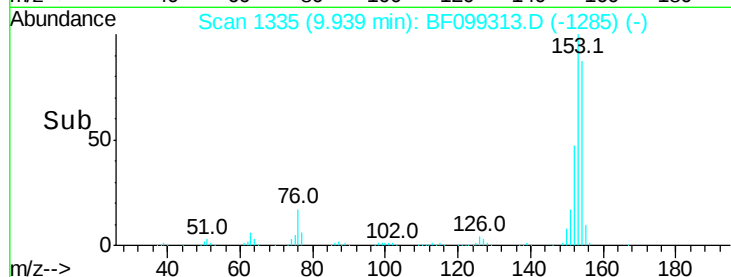
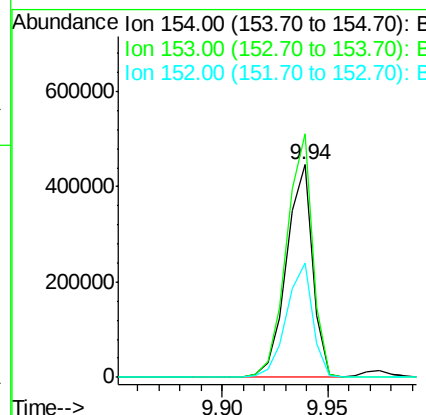
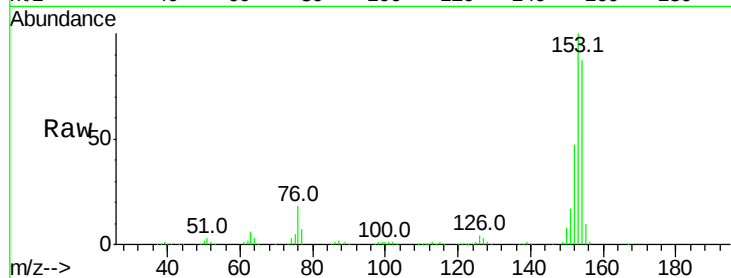




#51
Acenaphthene
Concen: 44.818 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

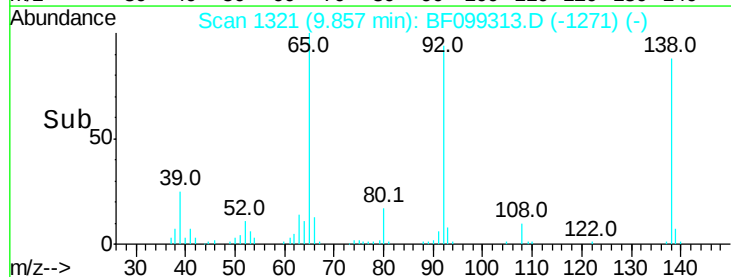
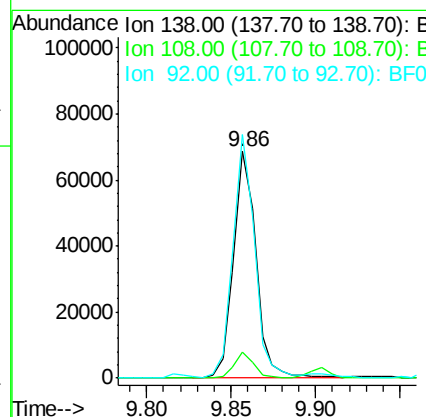
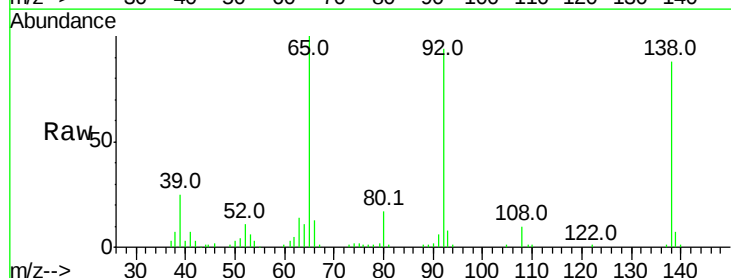
Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMS

Tot Ion:154 Resp: 386236
Ion Ratio Lower Upper
154 100
153 114.5 91.2 136.8
152 53.6 43.8 65.8



#52
3-Nitroaniline
Concen: 24.163 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

Tgt Ion:138 Resp: 63758
Ion Ratio Lower Upper
138 100
108 11.5 9.4 14.0
92 107.5 89.4 134.2

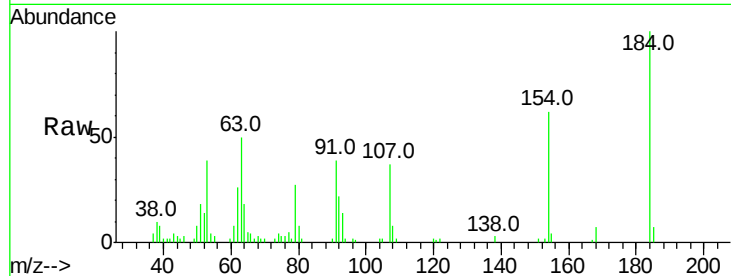




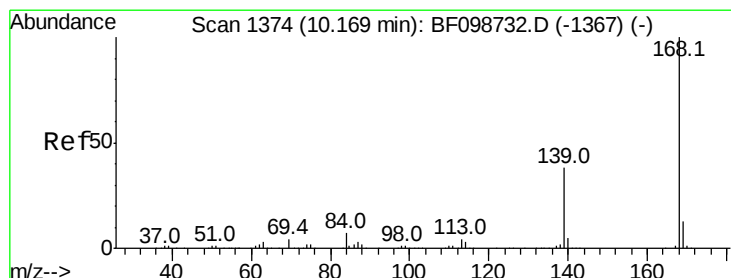
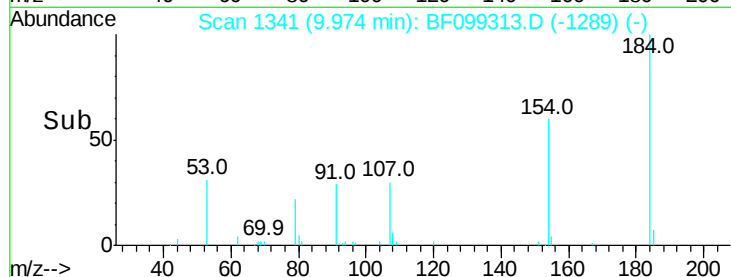
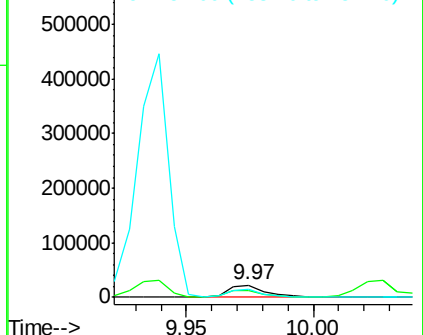
#53
 2,4-Dinitrophenol
 Concen: 24.164 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-AMS

Tot Ion:184 Resp: 23301
 Ion Ratio Lower Upper
 184 100
 63 50.0 54.2 81.2#
 154 61.7 53.5 80.3

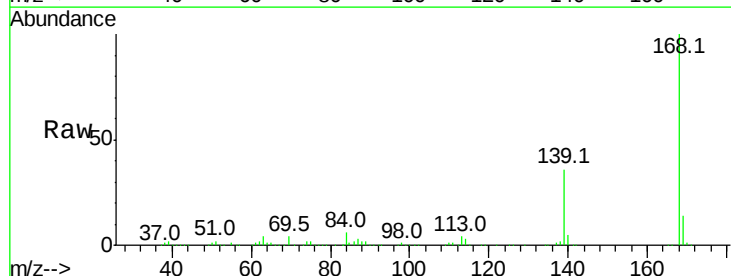


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

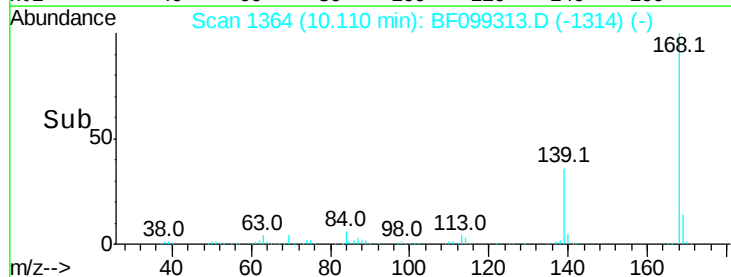
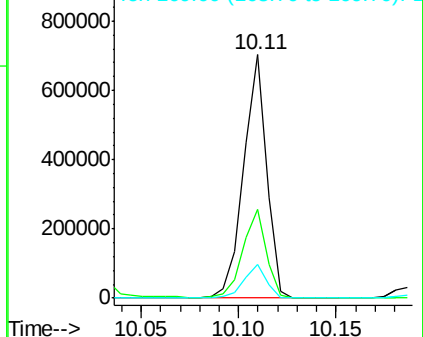


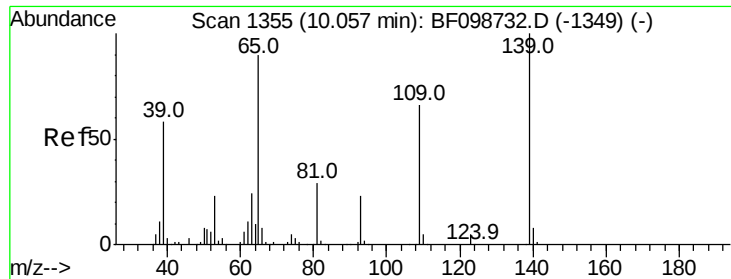
#54
 Dibenzofuran
 Concen: 50.243 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

Tgt Ion:168 Resp: 576509
 Ion Ratio Lower Upper
 168 100
 139 36.3 30.1 45.1
 169 13.9 10.9 16.3



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

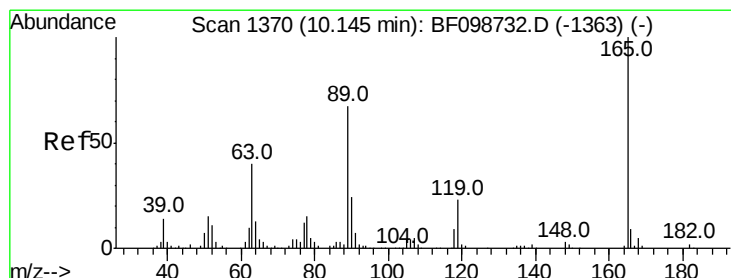
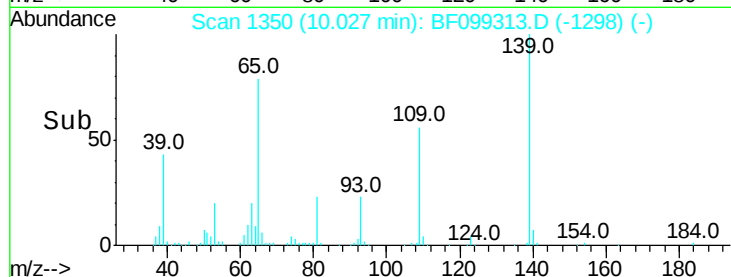
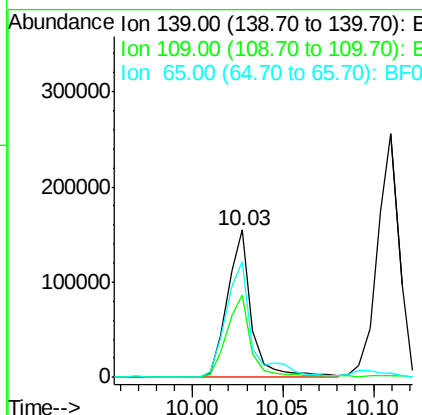
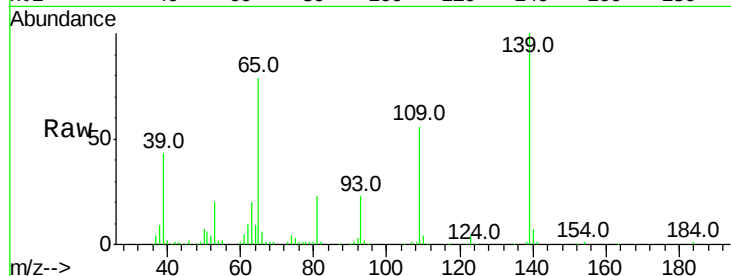




#55
4-Nitrophenol
Concen: 64.531 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

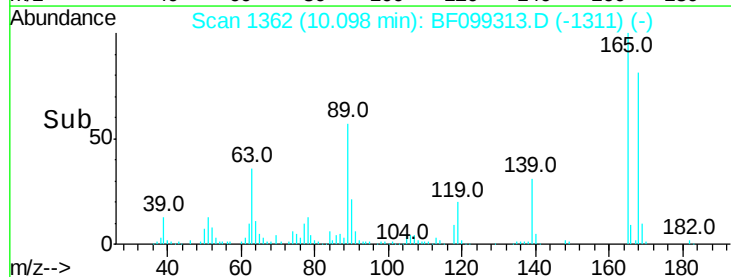
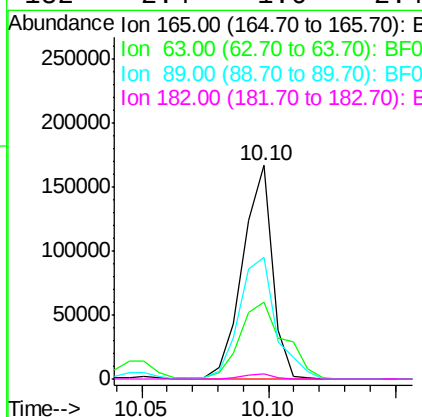
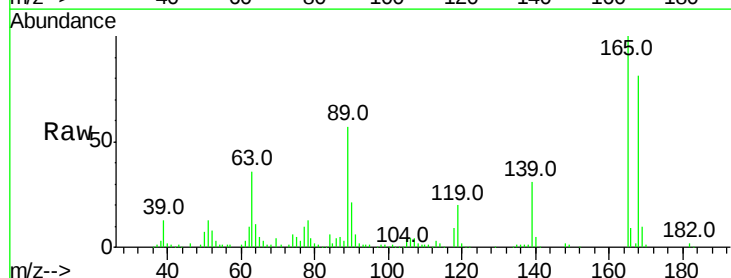
Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMS

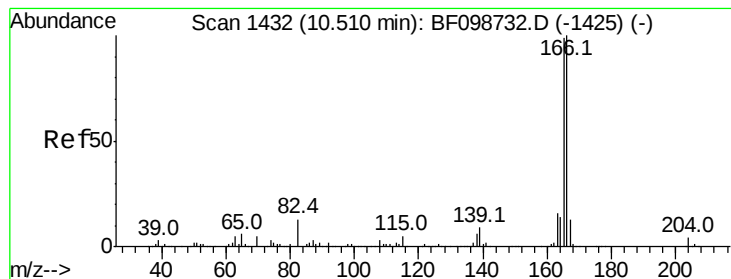
Tot Ion:139 Resp: 143978
Ion Ratio Lower Upper
139 100
109 56.1 48.4 88.4
65 78.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 46.219 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

Tgt Ion:165 Resp: 135742
Ion Ratio Lower Upper
165 100
63 36.2 36.4 54.6#
89 56.8 57.8 86.6#
182 2.4 1.6 2.4#





#57

Fluorene

Concen: 47.114 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

Instrument :

BNA_F

ClientSampleId :

HR-06-100617-AMS

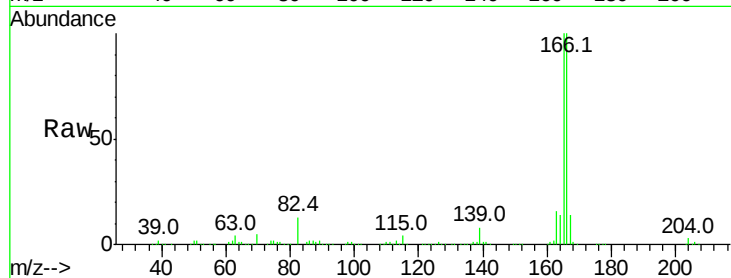
Tot Ion:166 Resp: 434509

Ion Ratio Lower Upper

166 100

165 99.7 79.8 119.8

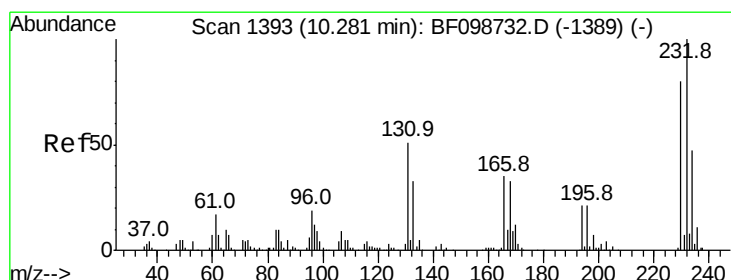
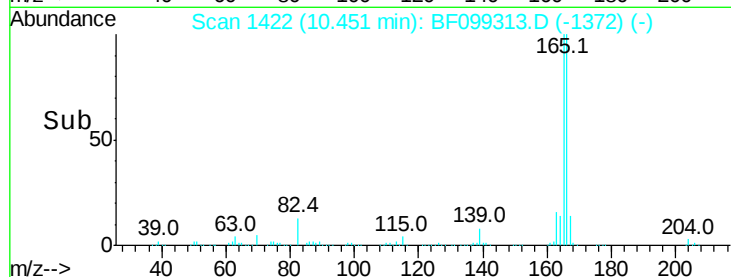
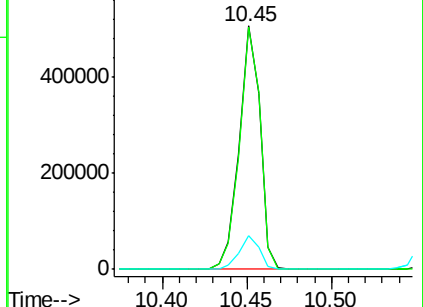
167 13.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.771 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

Tgt Ion:232 Resp: 97859

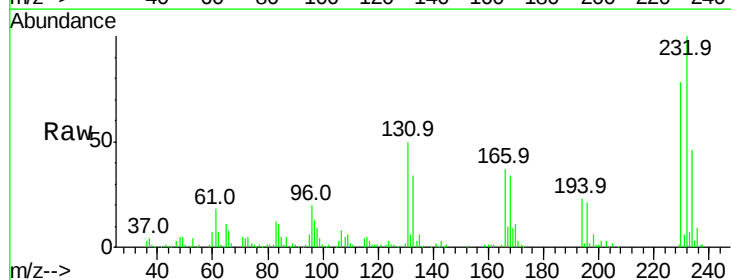
Ion Ratio Lower Upper

232 100

131 49.9 43.8 65.8

130 2.3 2.1 3.1

166 36.2 27.8 41.6

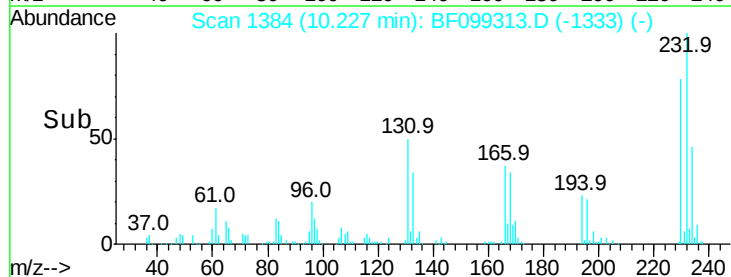
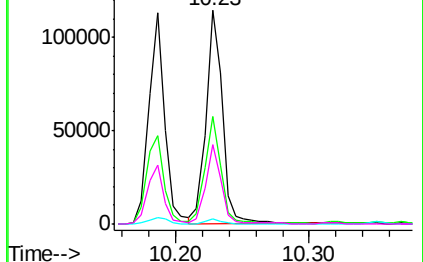


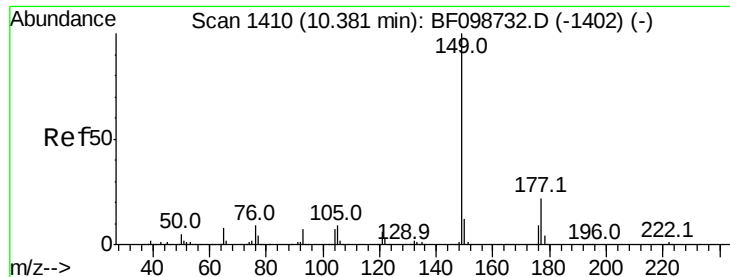
Abundance Ion 232.00 (231.70 to 232.70): E

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

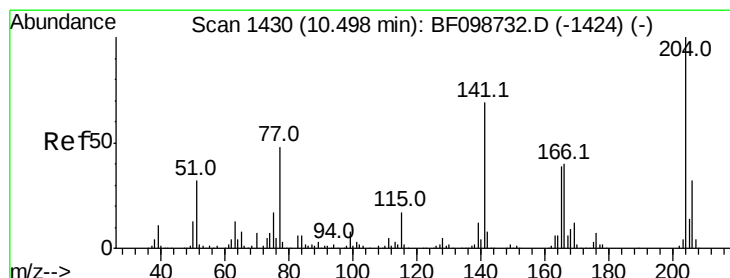
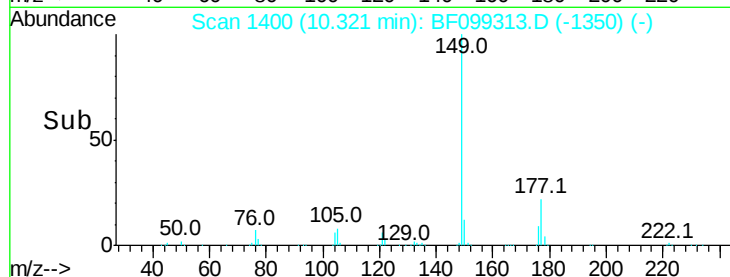
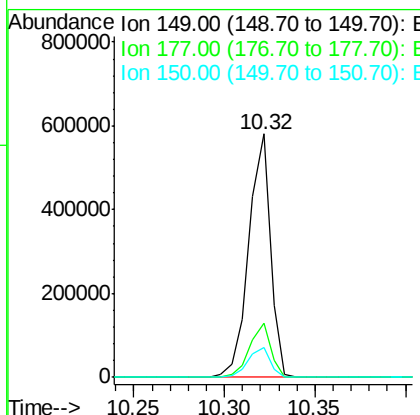
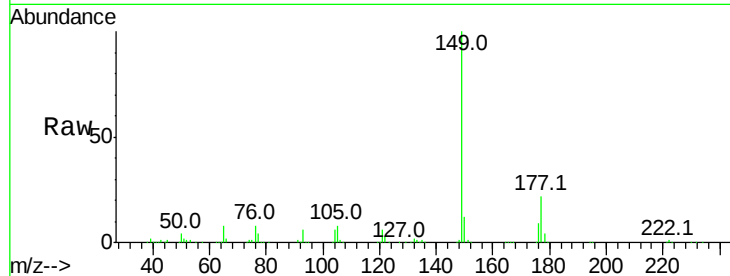




#59
Diethylphthalate
Concen: 47.830 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

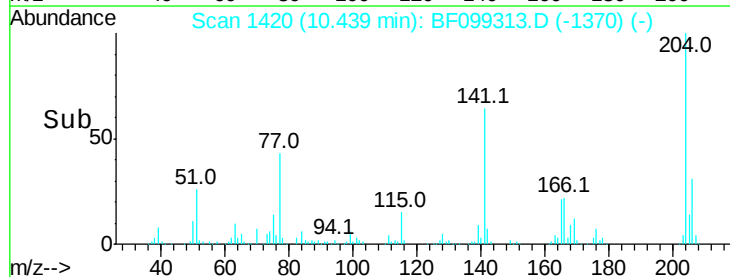
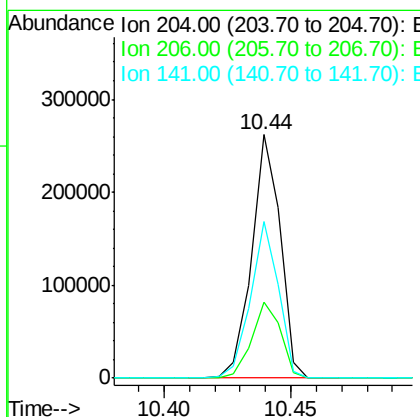
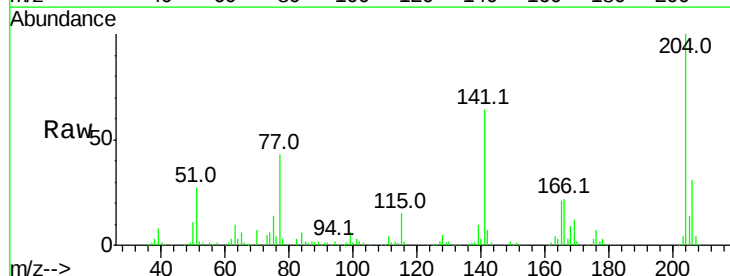
Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMS

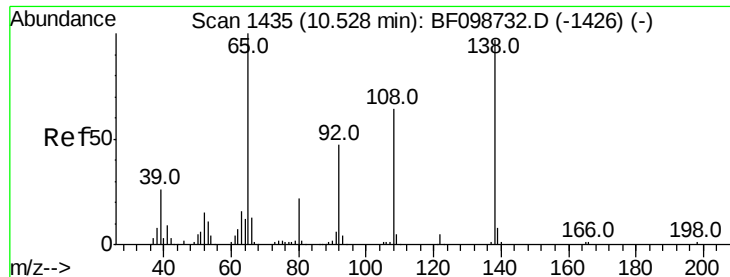
Tot Ion:149 Resp: 485805
Ion Ratio Lower Upper
149 100
177 22.0 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 49.590 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

Tgt Ion:204 Resp: 205441
Ion Ratio Lower Upper
204 100
206 31.4 26.5 39.7
141 64.1 54.6 81.8

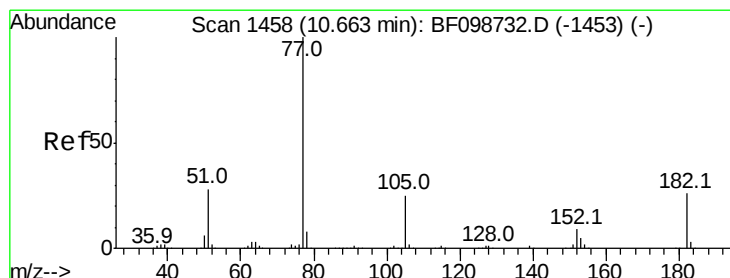
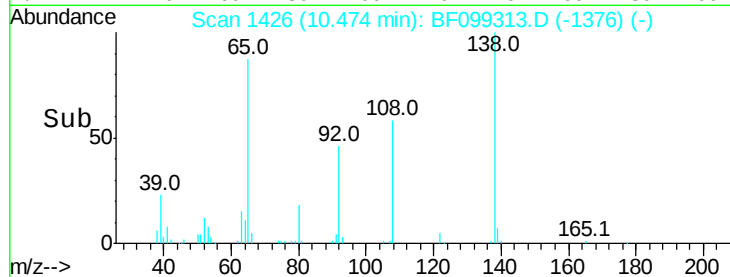
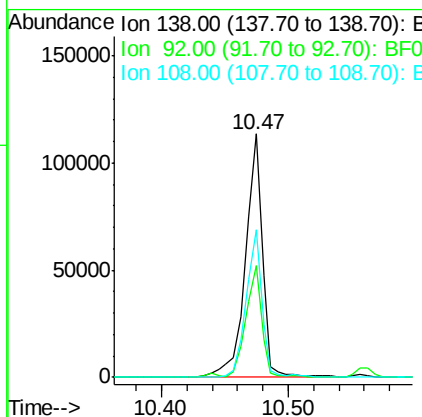
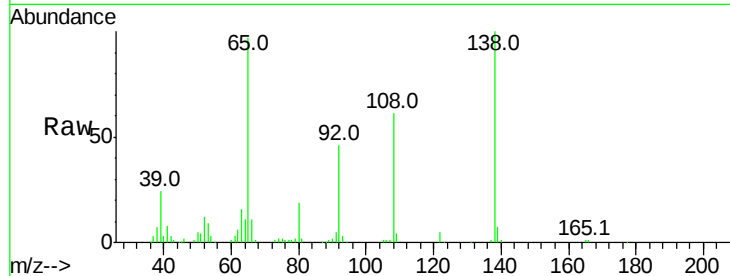




#61
4-Nitroaniline
Concen: 41.568 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

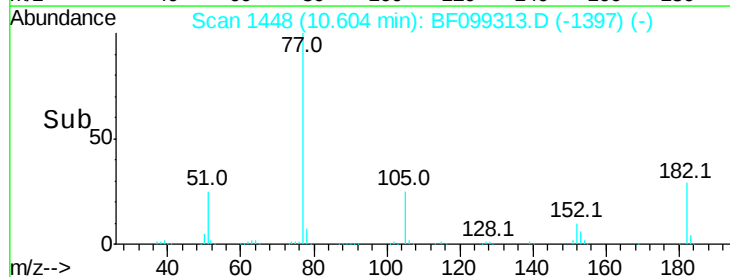
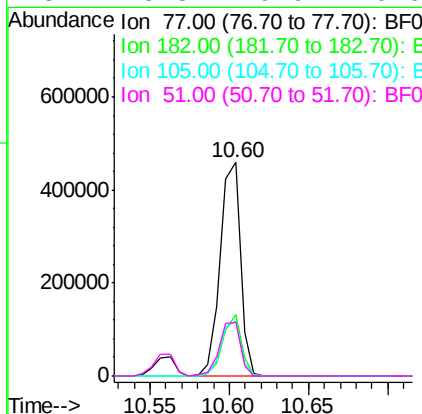
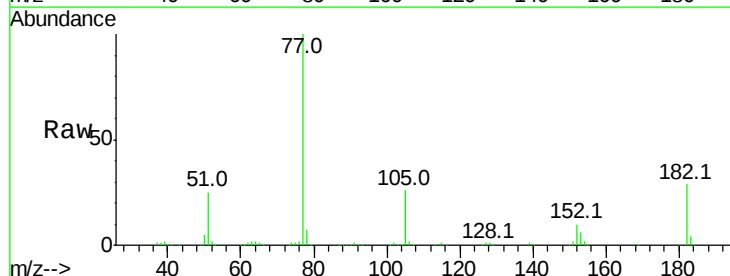
Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMS

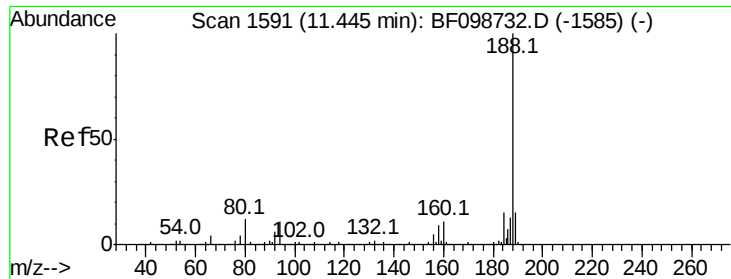
Tot Ion:138 Resp: 105817
Ion Ratio Lower Upper
138 100
92 45.8 30.2 70.2
108 60.5 52.5 92.5



#62
Azobenzene
Concen: 43.776 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

Tgt Ion: 77 Resp: 408830
Ion Ratio Lower Upper
77 100
182 28.6 1.7 41.7
105 26.0 3.0 43.0
51 25.3 9.9 49.9

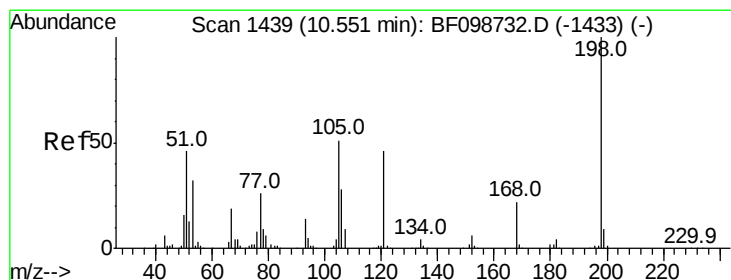
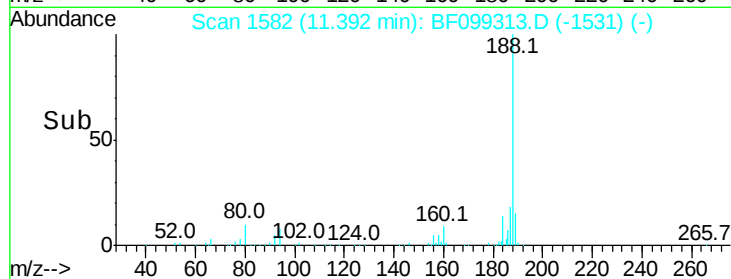
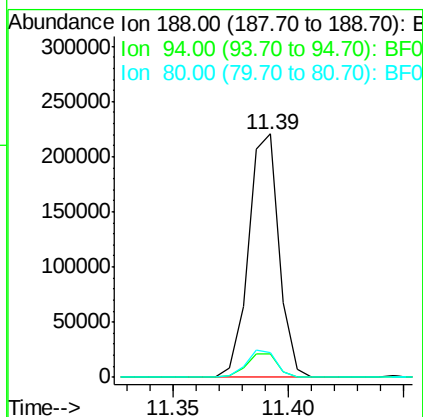
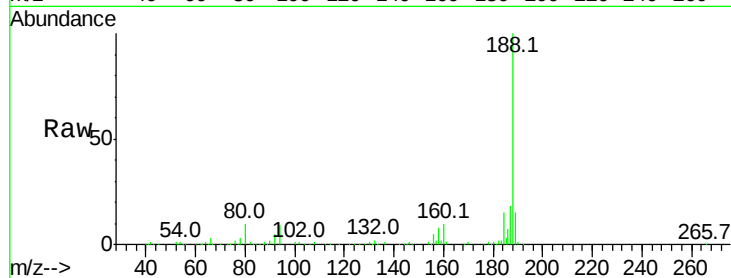




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

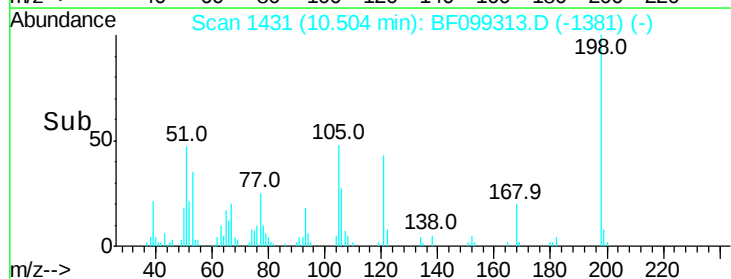
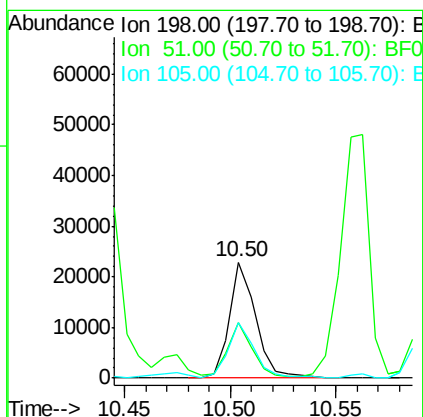
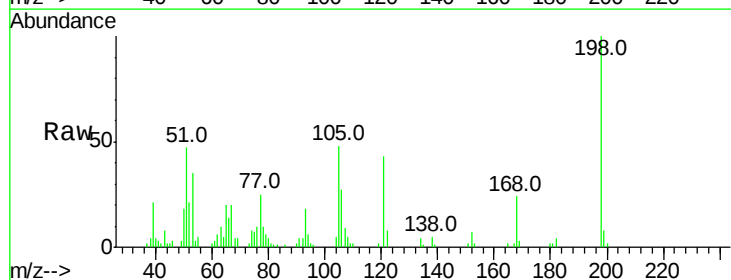
Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMS

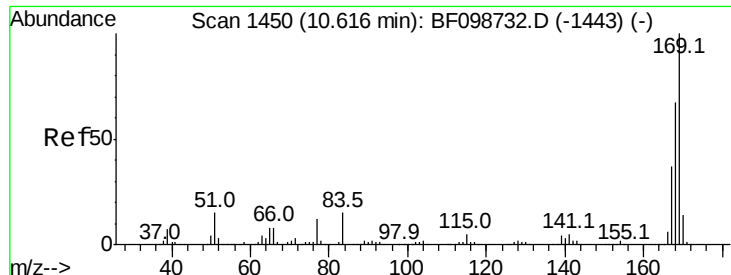
Tot Ion:188 Resp: 203504
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 15.811 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

Tgt Ion:198 Resp: 19577
Ion Ratio Lower Upper
198 100
51 47.2 37.7 77.7
105 48.1 36.3 76.3

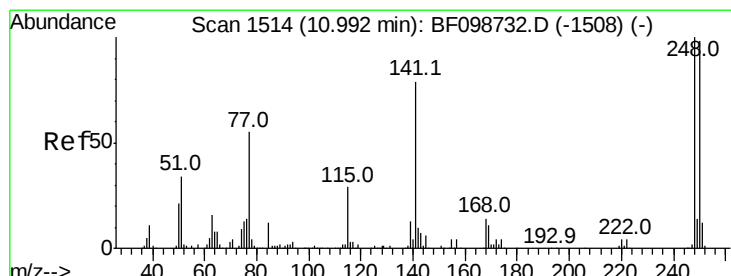
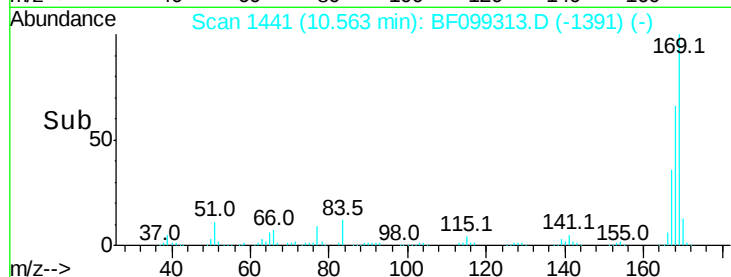
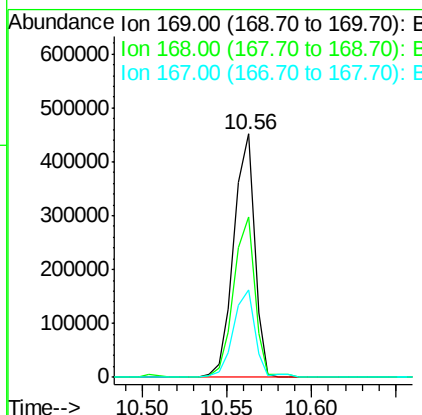
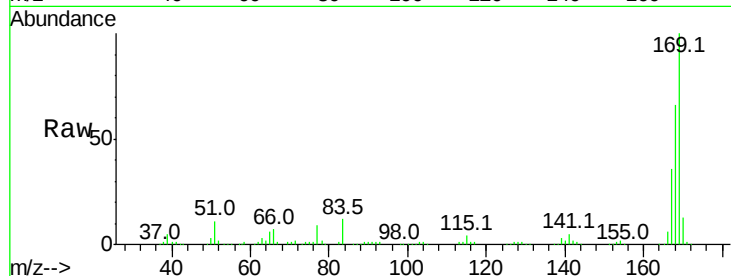




#65
 n-Nitrosodiphenylamine
 Concen: 55.108 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

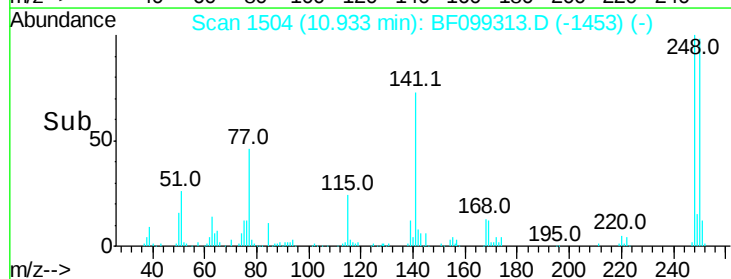
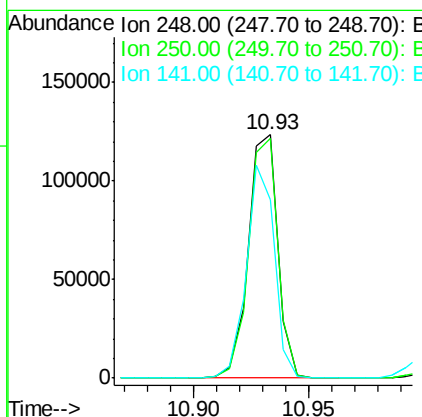
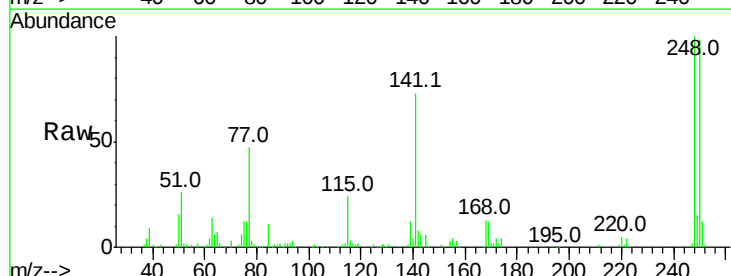
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-AMS

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.0	54.4	81.6
167	36.1	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 55.520 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.9	115.3
141	73.4	74.4	111.6#

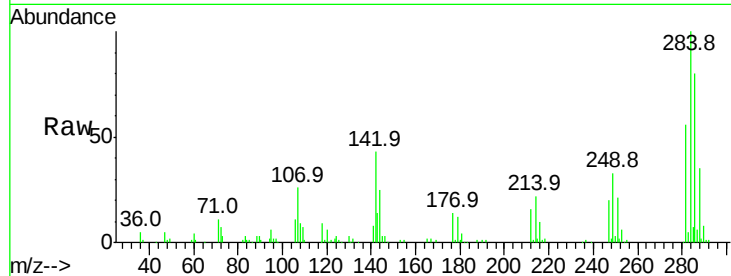




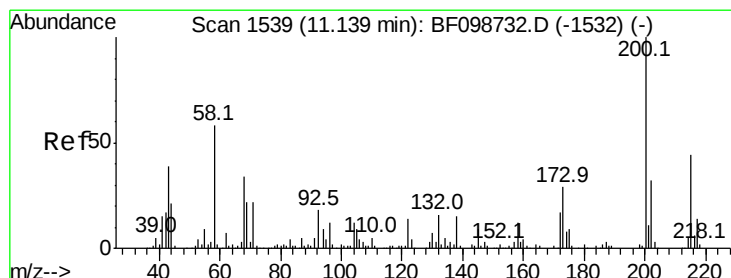
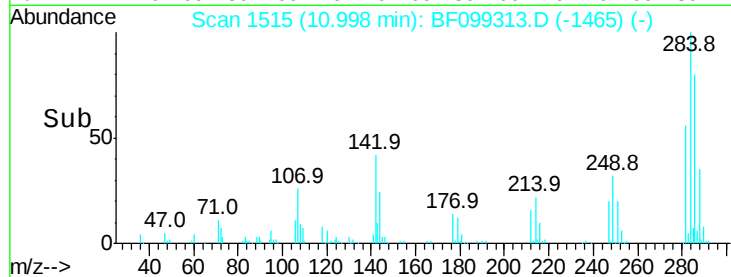
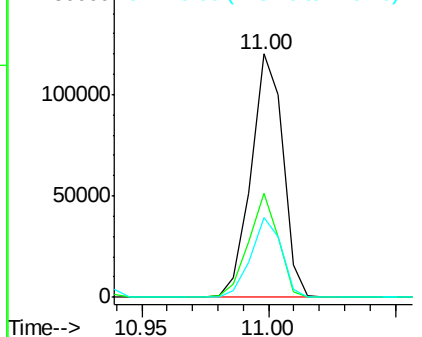
#67
Hexachlorobenzene
Concen: 49.597 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMS

Tot Ion:284 Resp: 105519
Ion Ratio Lower Upper
284 100
142 42.9 34.6 52.0
249 32.8 24.8 37.2

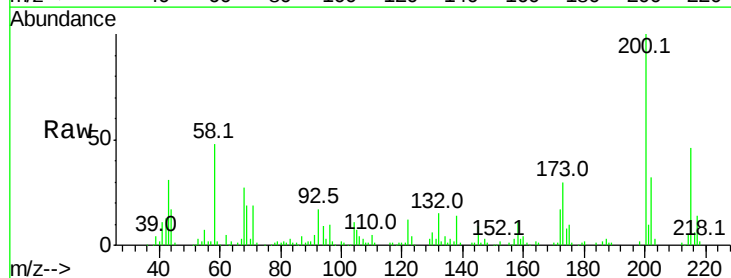


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

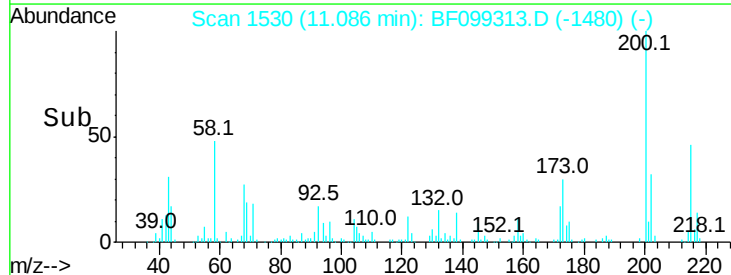
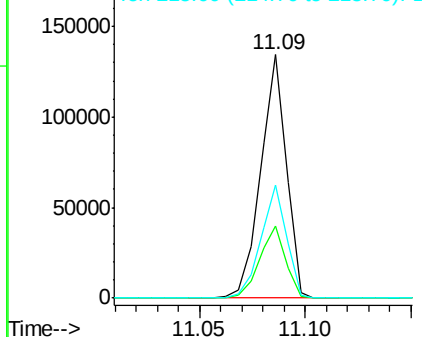


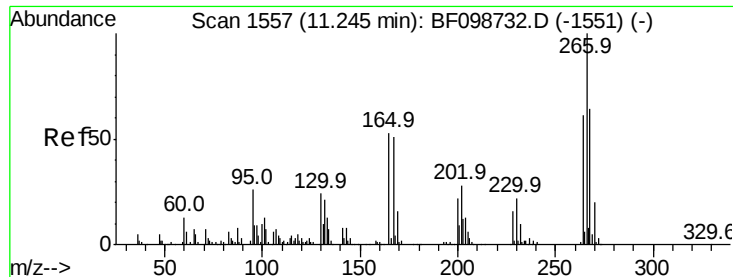
#68
Atrazine
Concen: 53.465 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

Tgt Ion:200 Resp: 113405
Ion Ratio Lower Upper
200 100
173 29.7 8.6 48.6
215 46.5 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

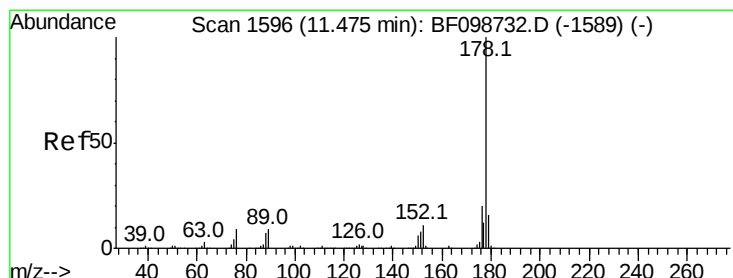
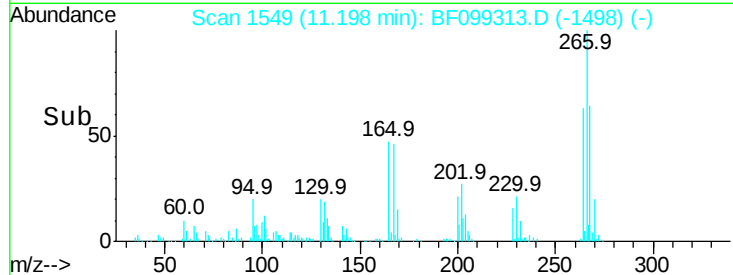
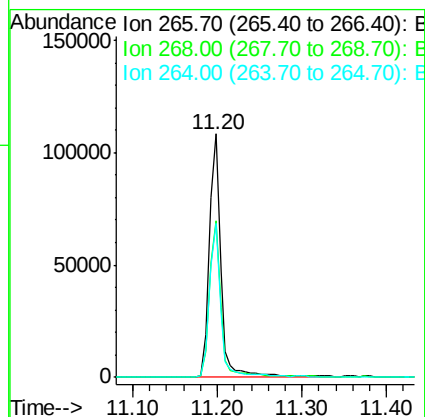
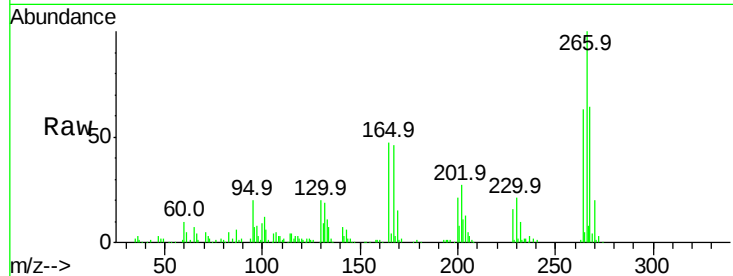




#69
 Pentachlorophenol
 Concen: 79.741 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.00 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

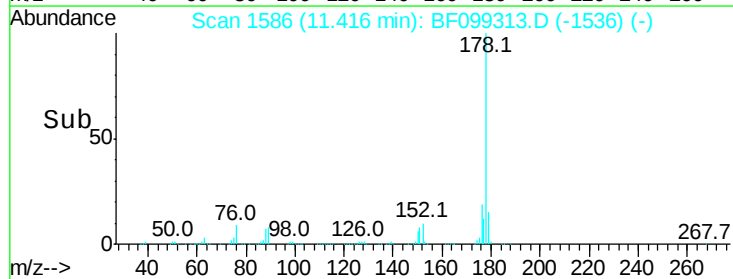
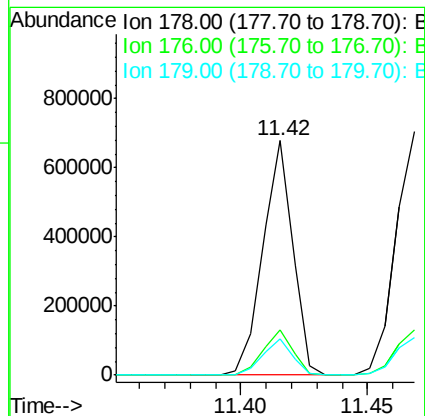
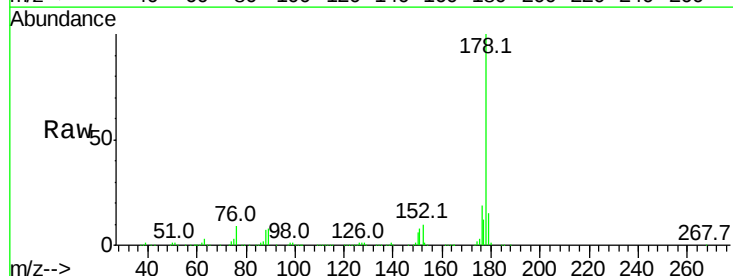
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-AMS

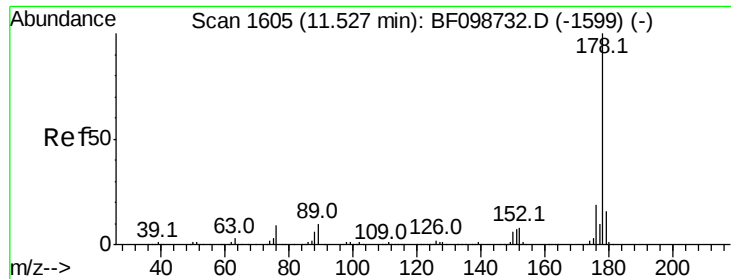
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.1	76.7
264	63.1	49.5	74.3



#70
 Phenanthrene
 Concen: 51.776 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.3	13.0	19.6

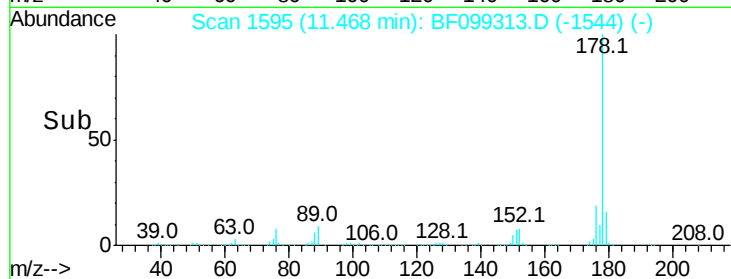
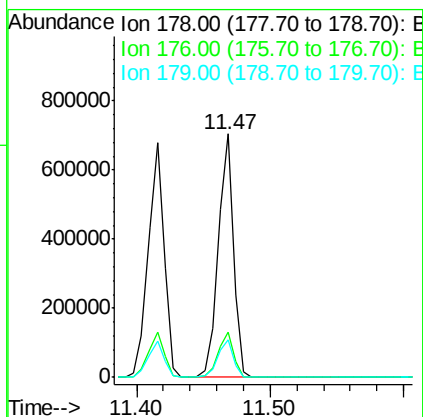
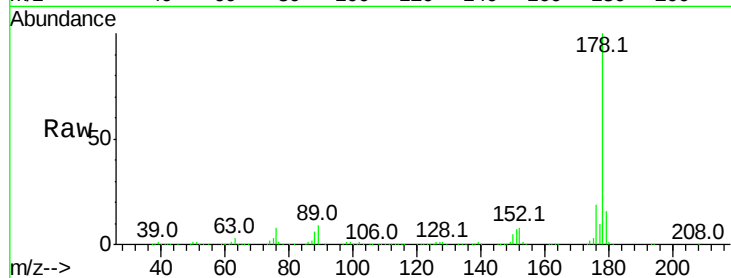




#71
 Anthracene
 Concen: 51.348 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

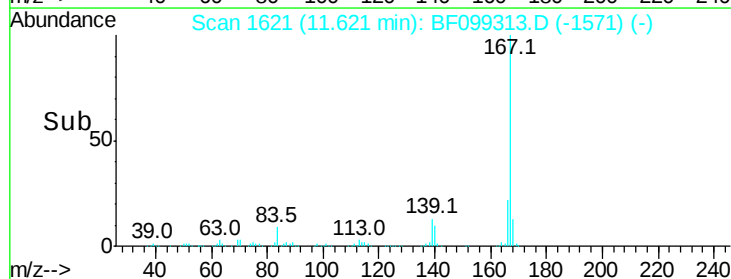
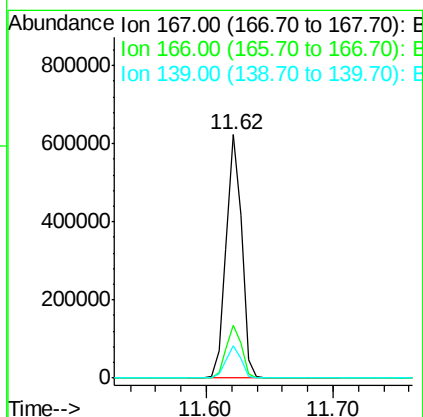
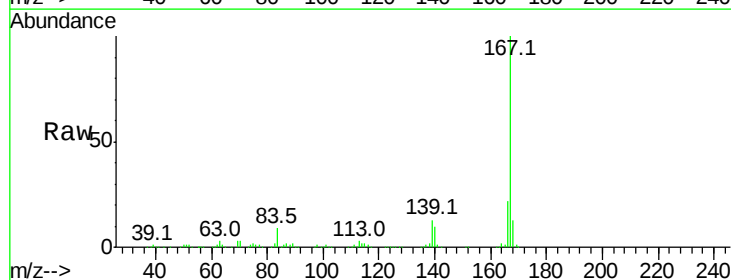
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-AMS

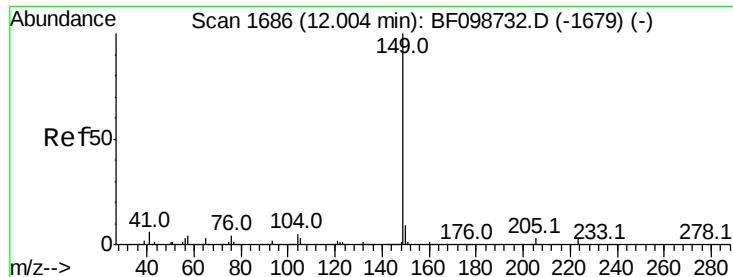
Tot Ion:178 Resp: 572307
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 48.891 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

Tgt Ion:167 Resp: 533622
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.2 10.9 16.3

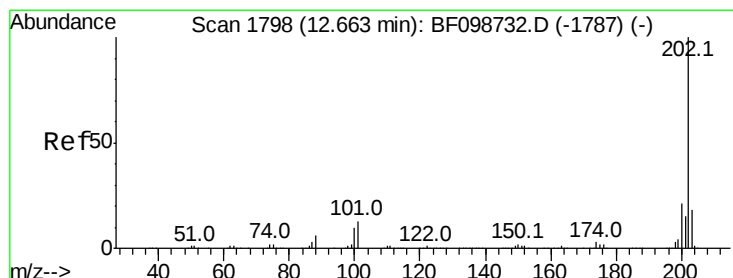
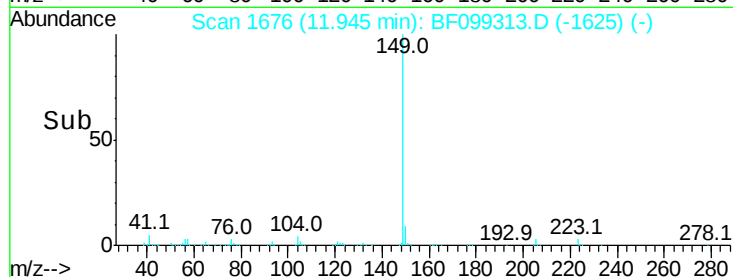
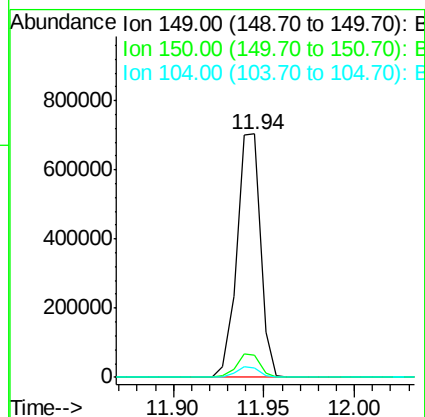
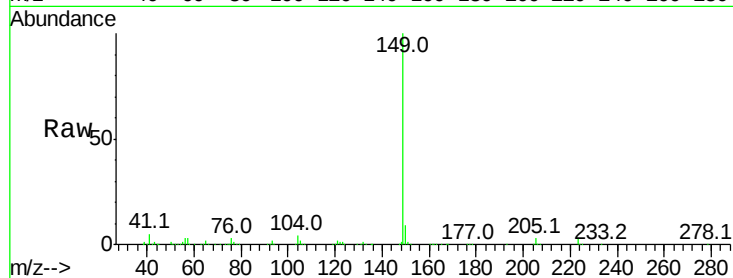




#73
Di-n-butylphthalate
Concen: 48.648 ng
RT: 11.94 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

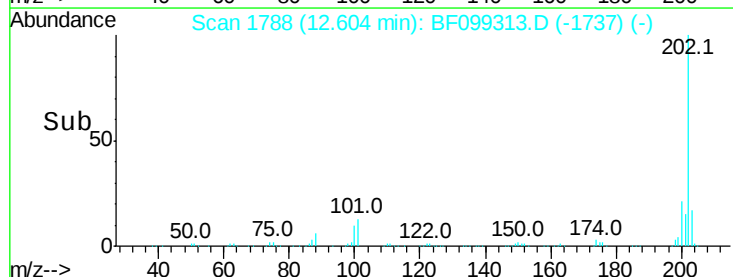
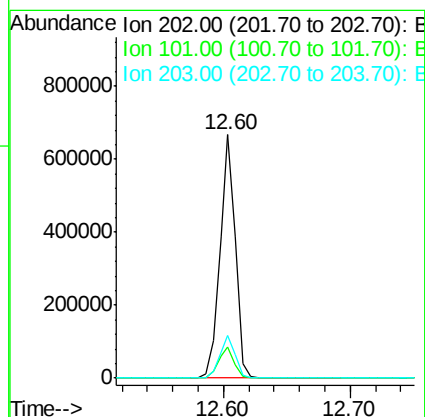
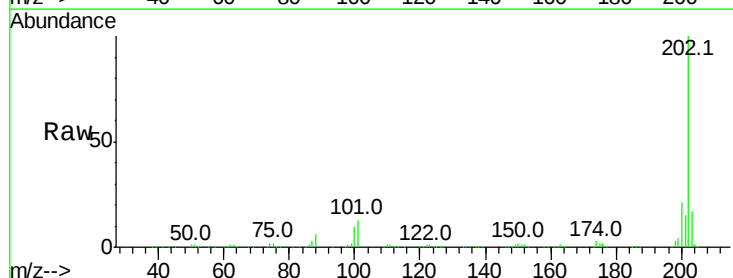
Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMS

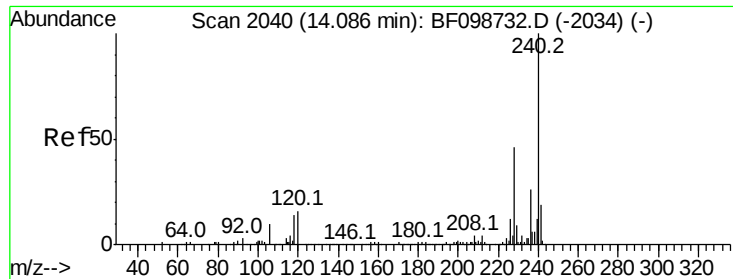
Tot Ion:149 Resp: 639111
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 3.9 3.8 5.8



#74
Fluoranthene
Concen: 51.522 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

Tgt Ion:202 Resp: 568313
Ion Ratio Lower Upper
202 100
101 13.0 0.0 34.1
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

Instrument :

BNA_F

ClientSampleId :

HR-06-100617-AMS

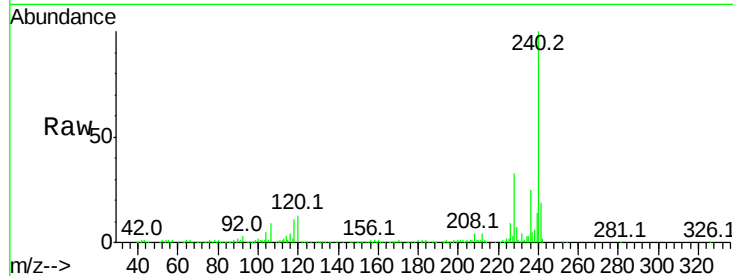
Tot Ion:240 Resp: 172847

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

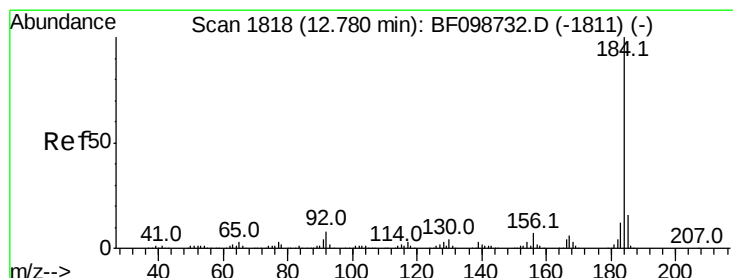
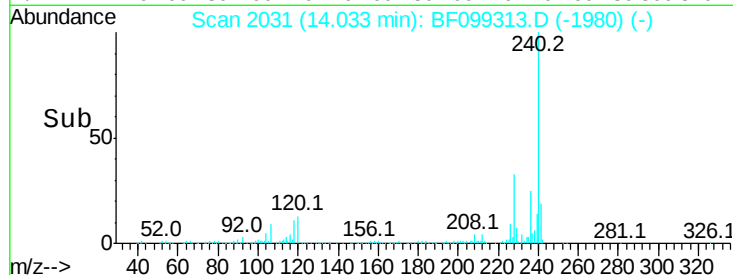
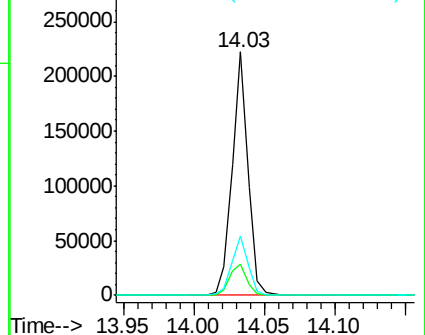
236 24.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 46.647 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

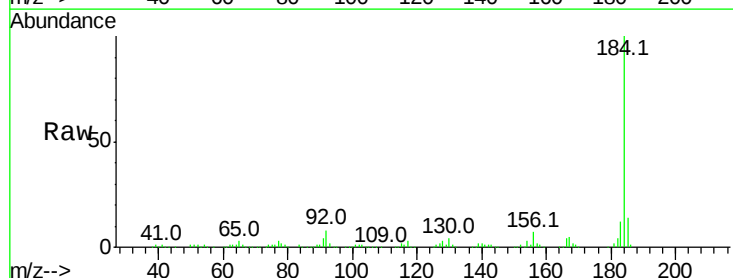
Tgt Ion:184 Resp: 298215

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

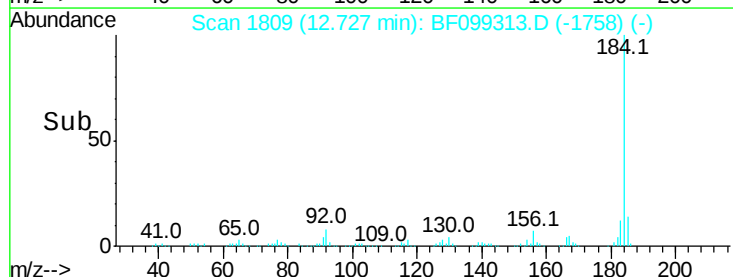
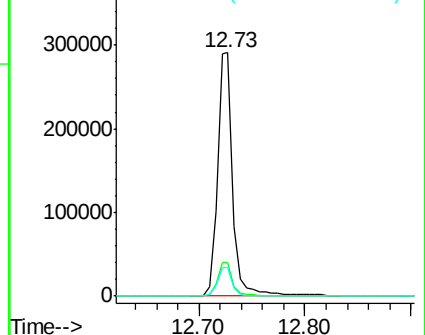
183 12.0 9.3 13.9

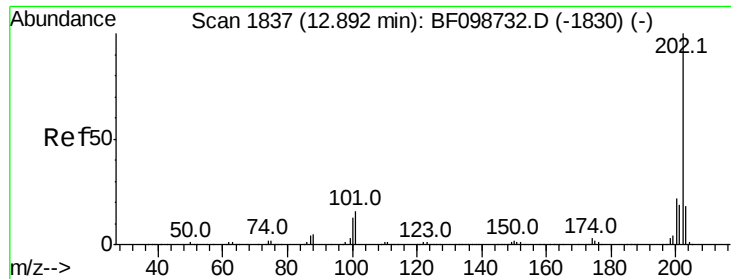


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

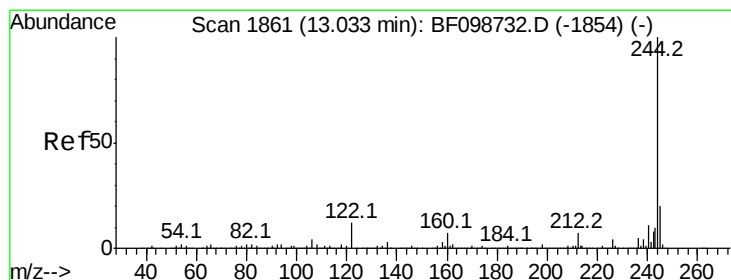
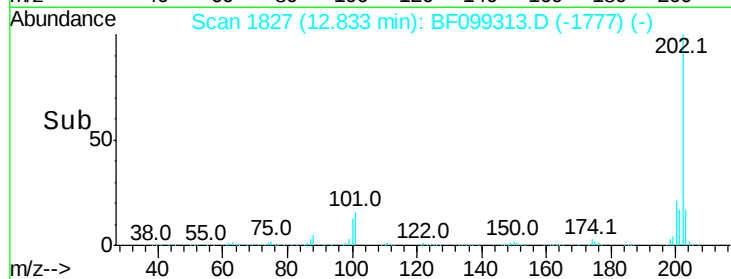
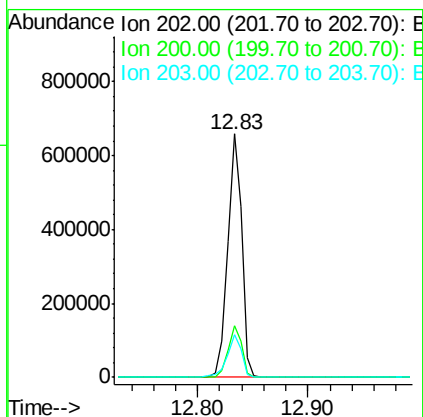
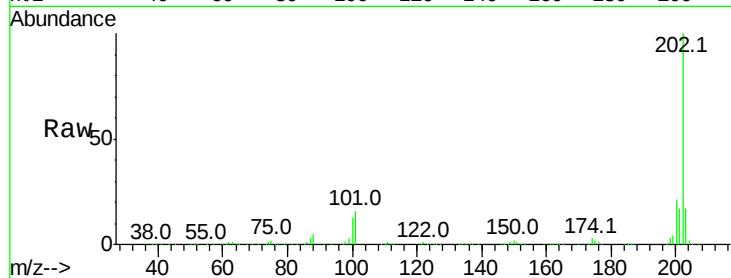




#77
Pvrene
Concen: 44.670 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

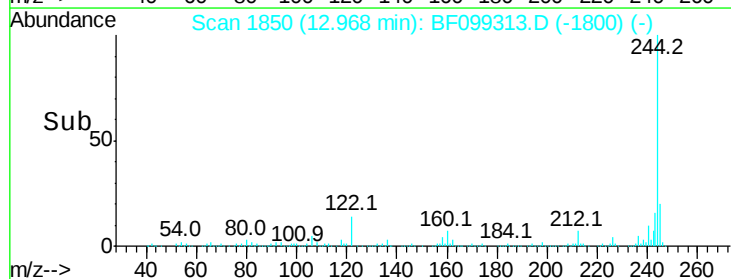
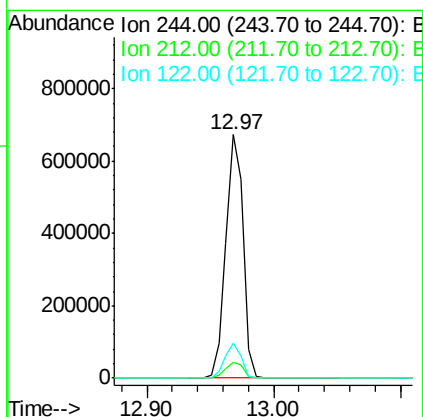
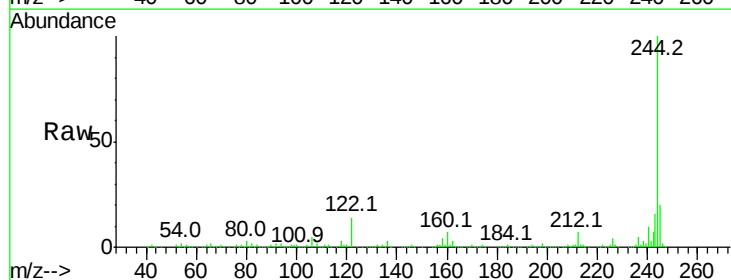
Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMS

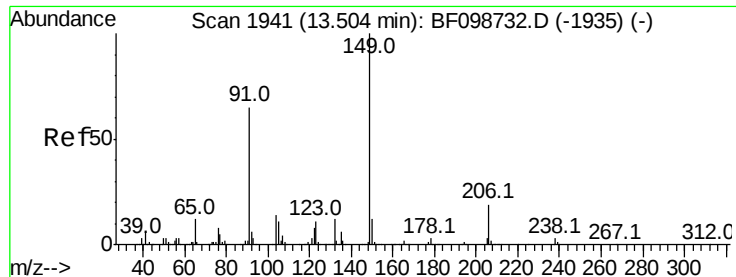
Tot Ion:202 Resp: 588756
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 17.5 14.3 21.5



#78
Terphenyl-d14
Concen: 83.339 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

Tgt Ion:244 Resp: 633401
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 14.2 11.0 16.4

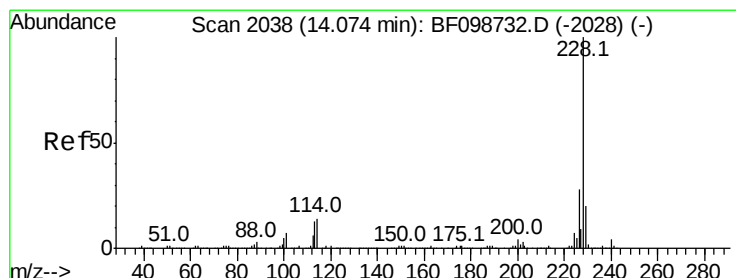
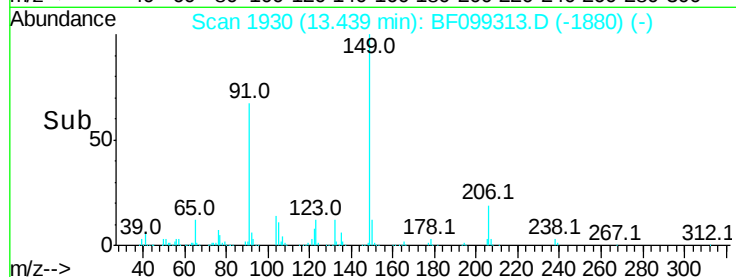
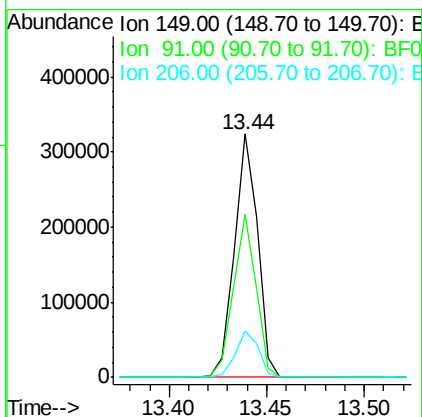
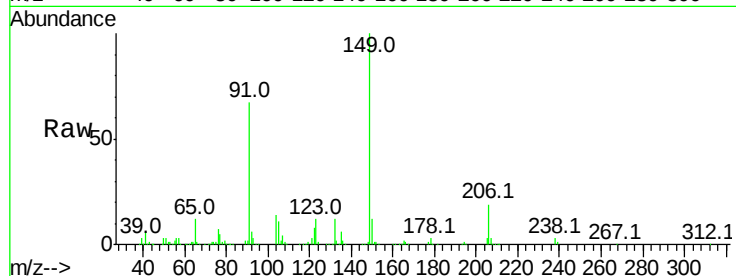




#79
Butylbenzylphthalate
Concen: 42.994 ng
RT: 13.44 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

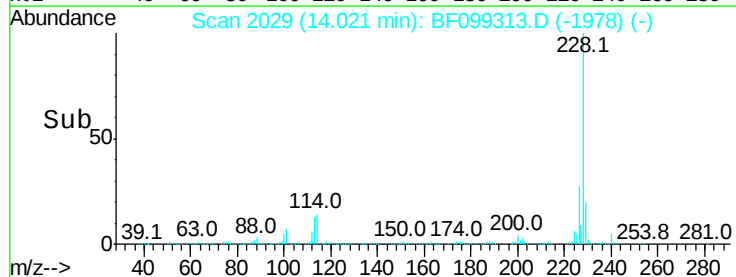
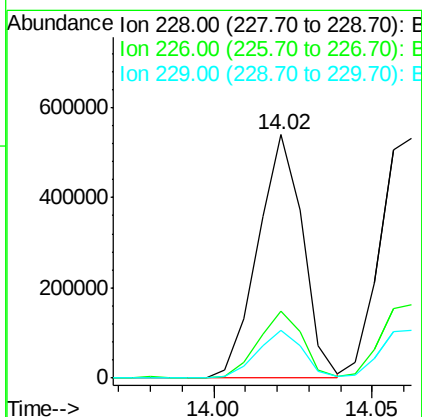
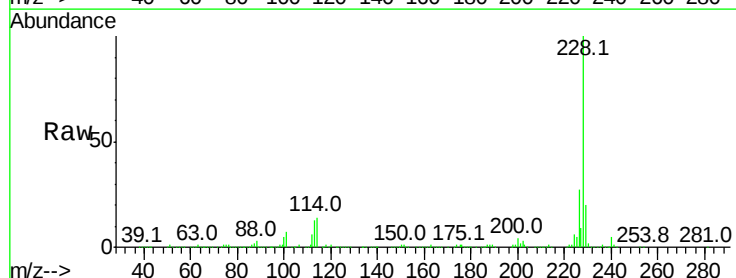
Instrument :
BNA_F
ClientSampleId :
HR-06-100617-AMS

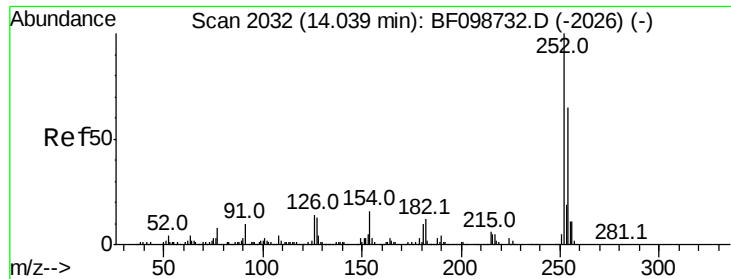
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.8	56.8	85.2
206	18.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 50.741 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF099313.D
Acq: 10 Oct 2017 21:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.7	15.8	23.6

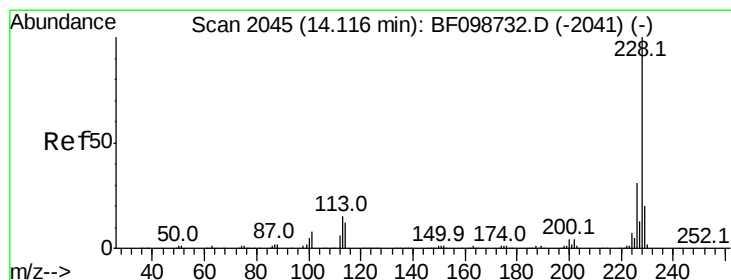
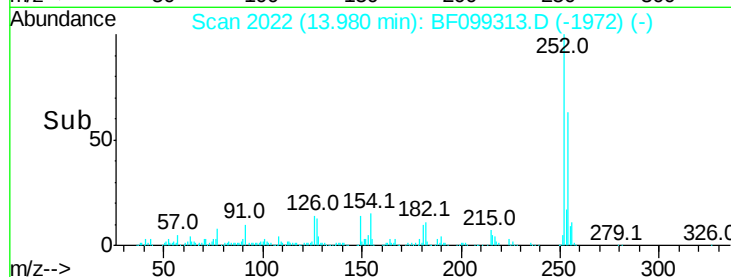
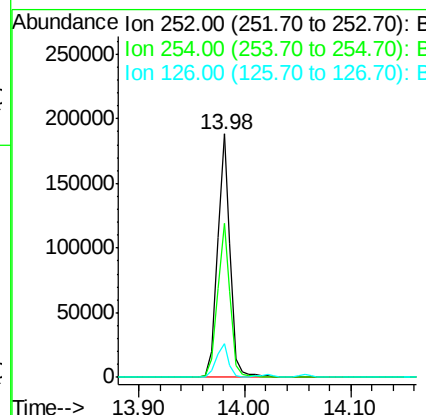
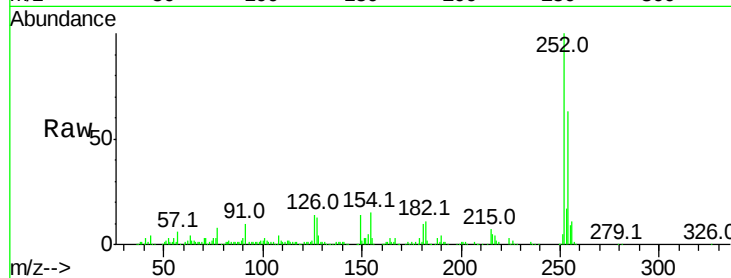




#81
 3,3'-Dichlorobenzidine
 Concen: 41.468 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

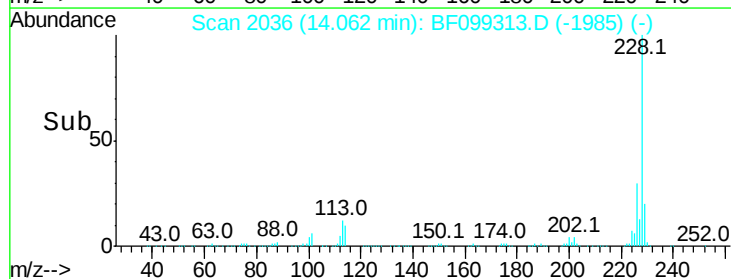
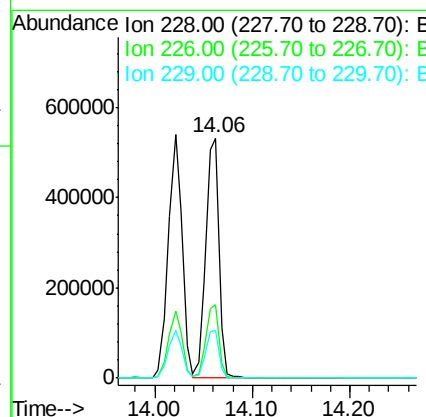
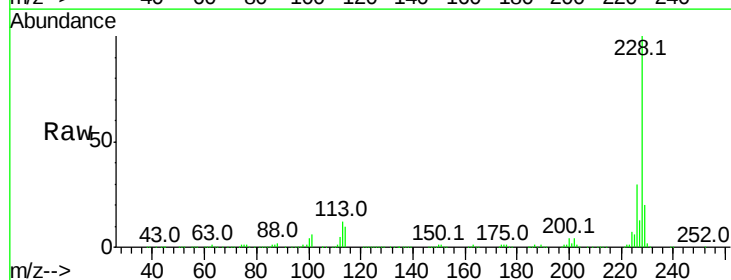
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	50.4	75.6
126	13.6	11.3	16.9



#82
 Chrysene
 Concen: 50.602 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.7	16.2	24.4

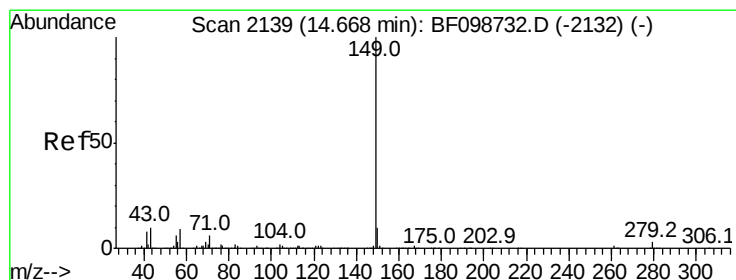
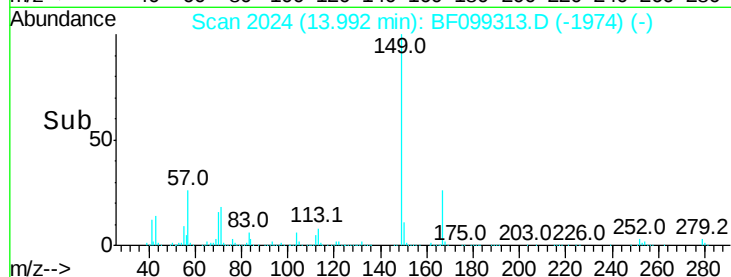
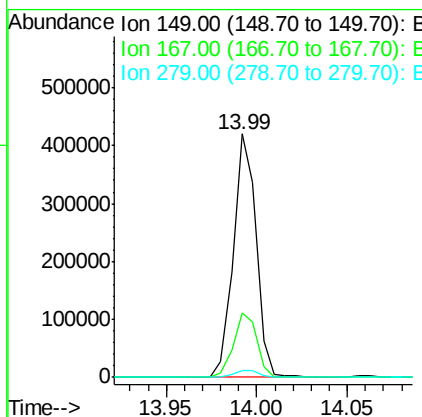
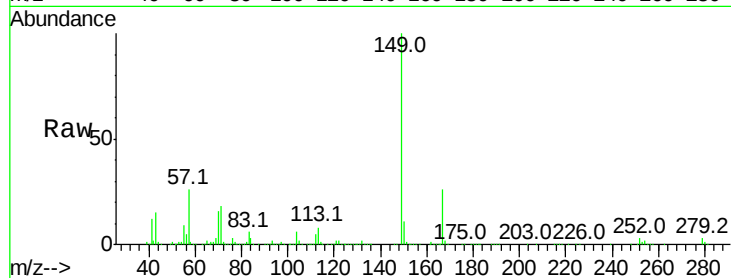




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.034 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

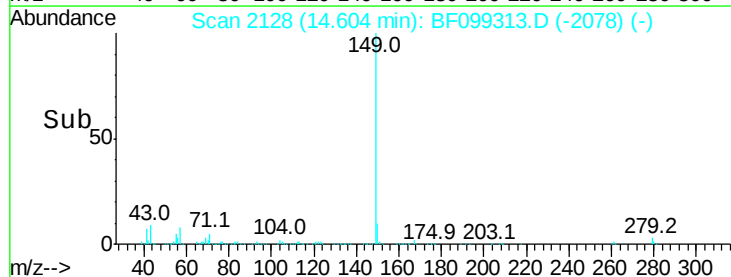
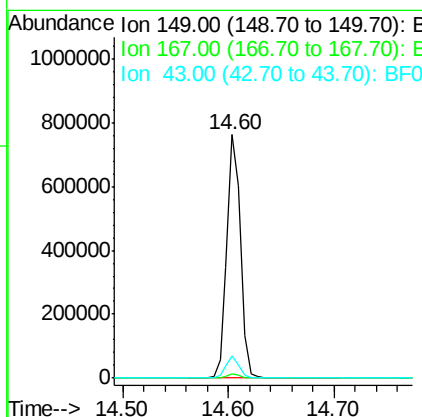
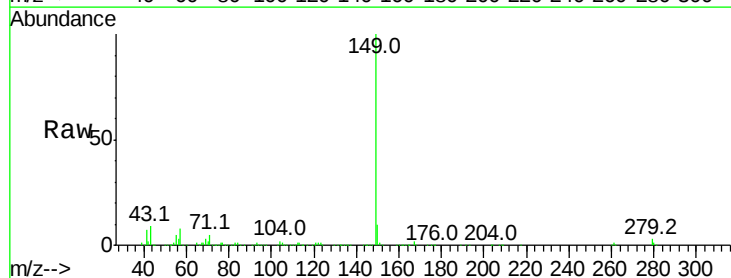
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-100617-AMS

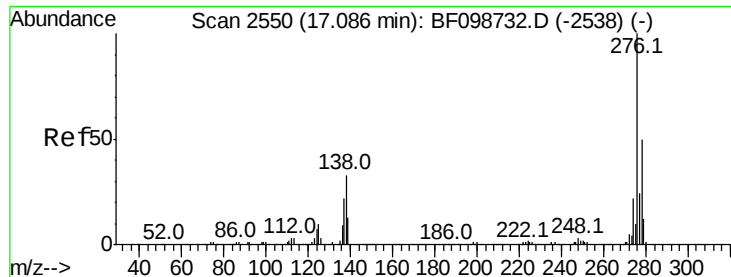
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	3.0	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 49.475 ng
 RT: 14.60 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BF099313.D
 Acq: 10 Oct 2017 21:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	8.2	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.269 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.01 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

Instrument :

BNA_F

ClientSampleId :

HR-06-100617-AMS

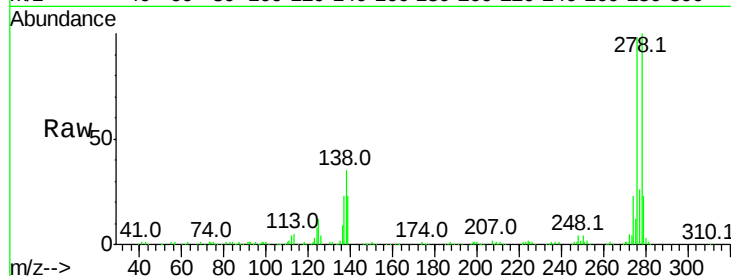
Tot Ion:276 Resp: 400689

Ion Ratio Lower Upper

276 100

138 34.6 25.0 37.6

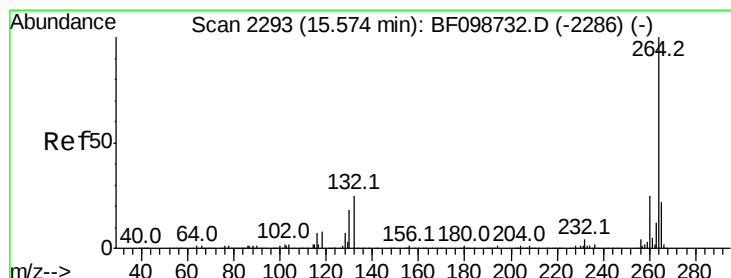
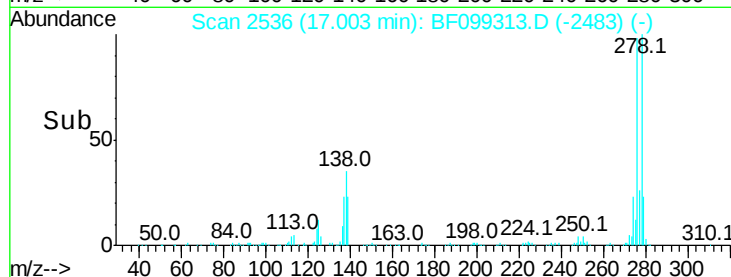
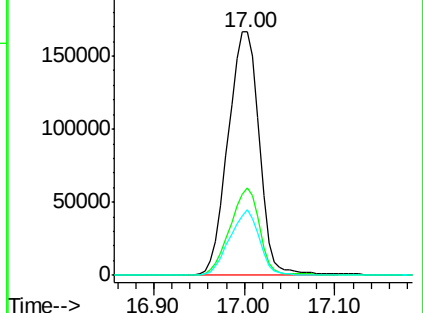
277 25.6 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

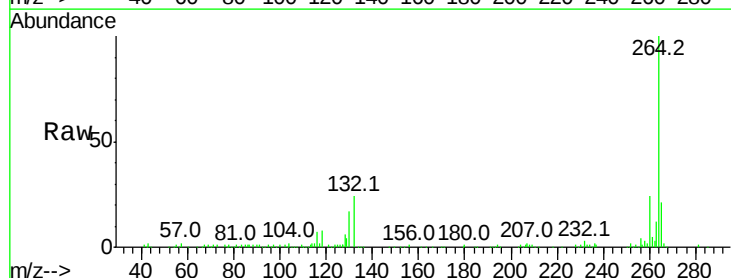
Tgt Ion:264 Resp: 153644

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

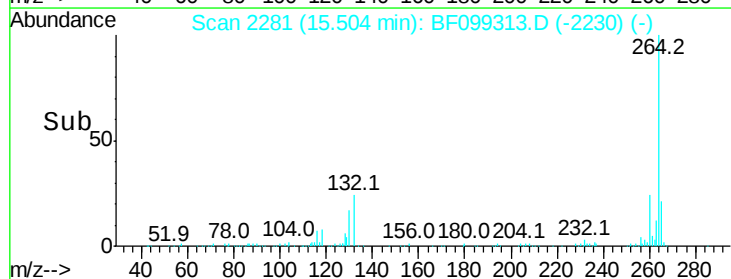
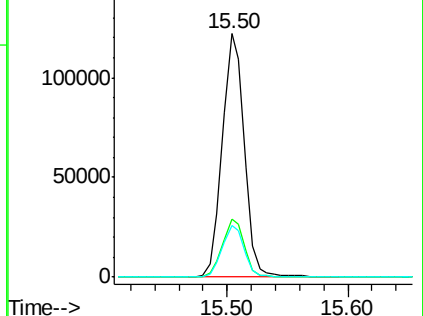
265 21.2 17.5 26.3

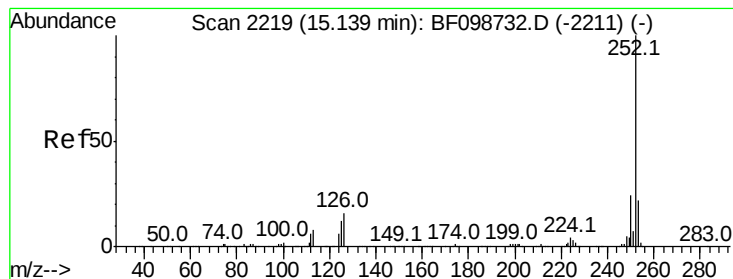


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 53.910 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

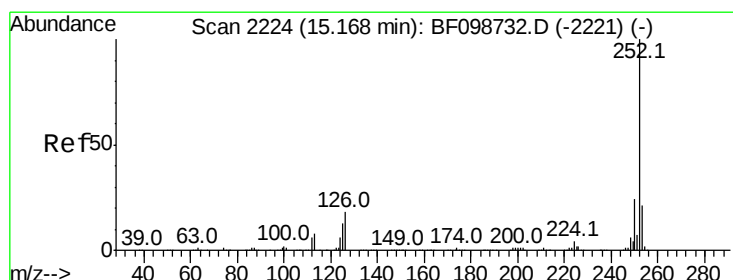
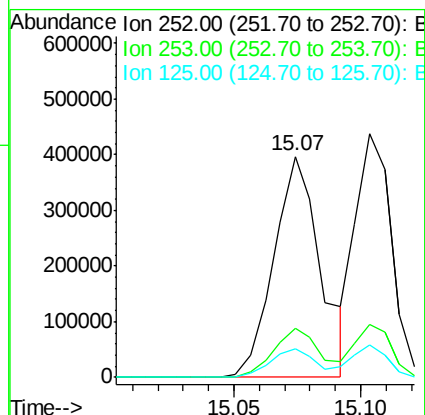
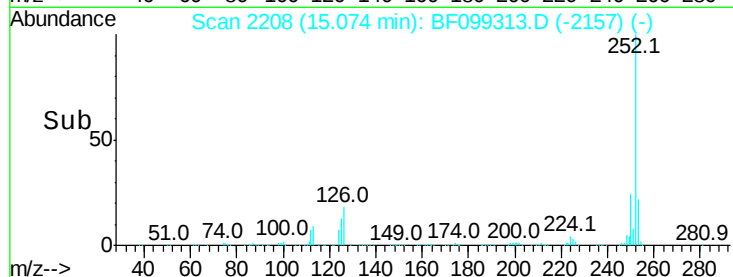
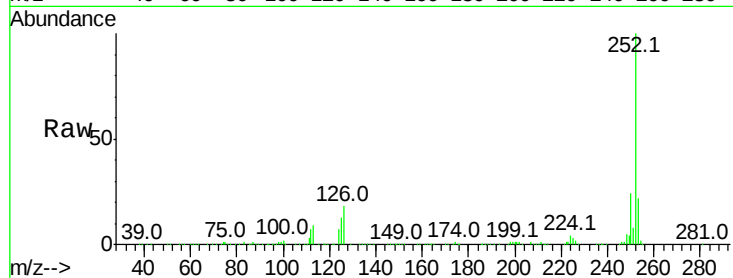
Instrument :

BNA_F

ClientSampleId :

HR-06-100617-AMS

Tot Ion:252	Resp:	509265
Ion Ratio	Lower	Upper
252	100	
253	22.0	17.0 25.6
125	13.2	9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 46.979 ng

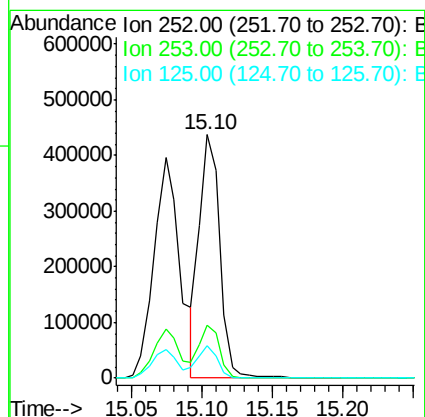
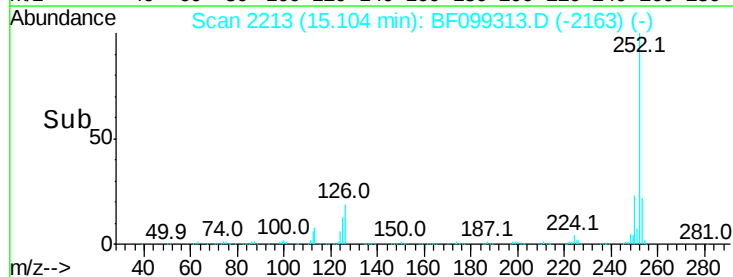
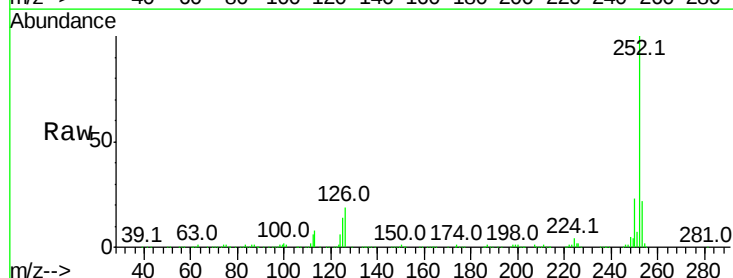
RT: 15.10 min Scan# 2213

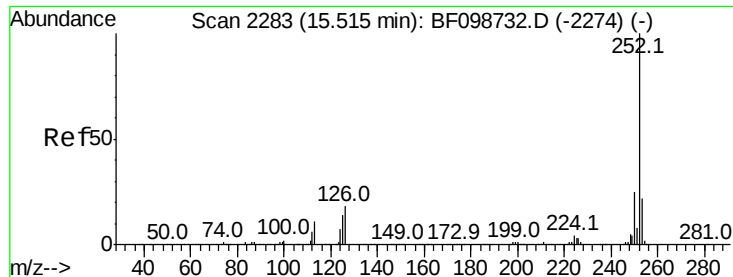
Delta R.T. -0.01 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

Tgt Ion:252	Resp:	438341
Ion Ratio	Lower	Upper
252	100	
253	21.8	17.9 26.9
125	13.6	10.2 15.2





#89

Benzo(a)pyrene

Concen: 51.396 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.00 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

Instrument :

BNA_F

ClientSampleId :

HR-06-100617-AMS

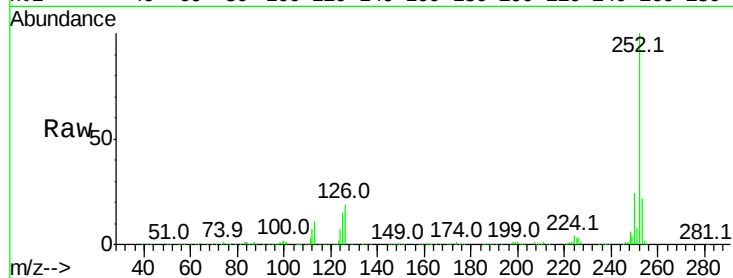
Tot Ion:252 Resp: 445676

Ion Ratio Lower Upper

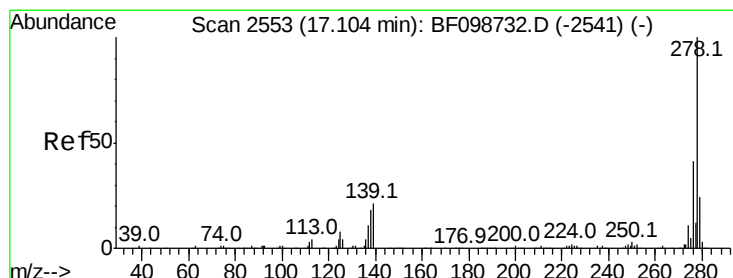
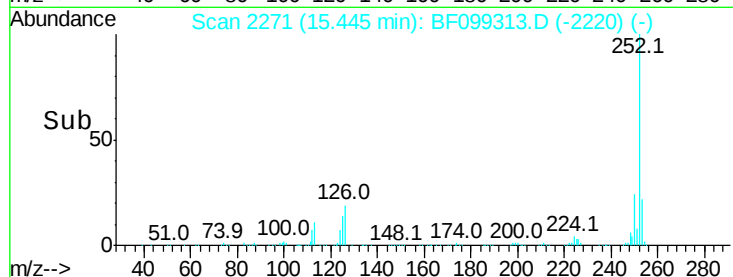
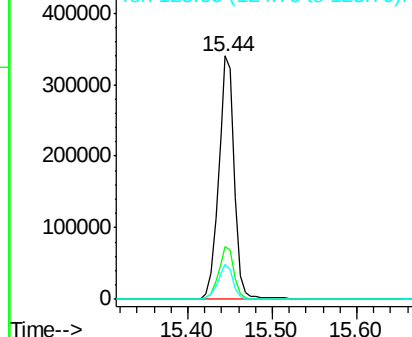
252 100

253 21.8 17.1 25.7

125 14.5 9.8 14.6



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: 49.432 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.00 min

Lab File: BF099313.D

Acq: 10 Oct 2017 21:22

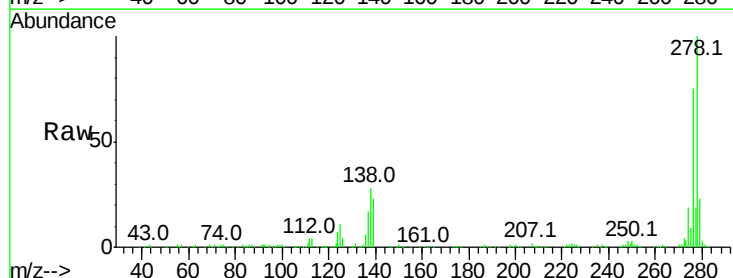
Tgt Ion:278 Resp: 343037

Ion Ratio Lower Upper

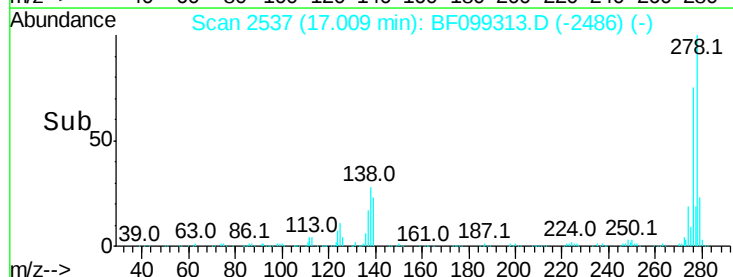
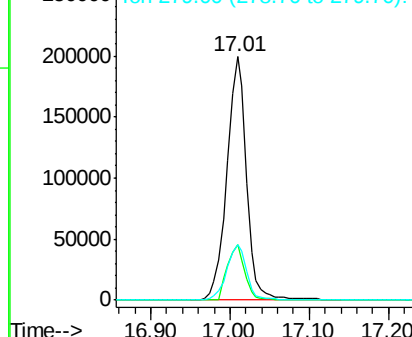
278 100

139 23.0 15.9 23.9

279 22.6 19.0 28.4



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





#91

Benzo(a,h,i)perylene

Concen: 47.844 ng

RT: 17.45 min Scan# 2612

Delta R.T. 0.01 min

Lab File: BF099313.D

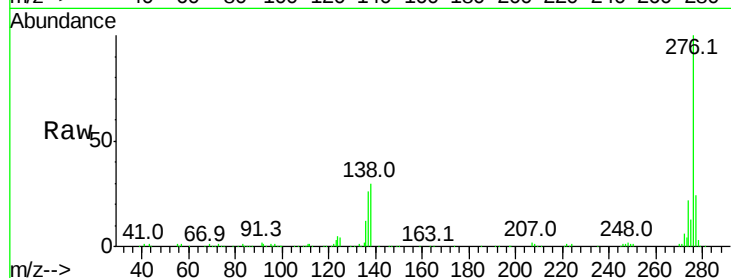
Acq: 10 Oct 2017 21:22

Instrument :

BNA_F

ClientSampleId :

HR-06-100617-AMS



Tot Ion: 276 Resp: 328197

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 29.7 21.8 32.8

Abundance Ion 276.00 (275.70 to 276.70): E
 200000 Ion 277.00 (276.70 to 277.70): E
 150000 Ion 138.00 (137.70 to 138.70): E

