

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099211.D
 Acq On : 8 Oct 2017 00:06
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 08 03:40:58 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	108583	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	415572	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	156234	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	238709	20.00	ng	0.00
75) Chrysene-d12	14.03	240	193981	20.00	ng	0.00
86) Perylene-d12	15.51	264	157616	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	565148	82.85	ng	0.00
7) Phenol-d6	6.50	99	668414	79.44	ng	0.00
23) Nitrobenzene-d5	7.43	82	524926	81.01	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	93615	73.23	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	884180	94.48	ng	0.00
78) Terphenyl-d14	12.97	244	680080	79.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	129428	39.723	ng	94
3) Pyridine	3.40	79	339698	38.539	ng	96
4) n-Nitrosodimethylamine	3.36	42	131383	35.151	ng	80
6) Aniline	6.53	93	435526	38.350	ng	97
8) 2-Chlorophenol	6.66	128	307536	39.813	ng	94
9) Benzaldehyde	6.42	77	175236	35.902	ng	93
10) Phenol	6.52	94	390849	41.533	ng	95
11) bis(2-Chloroethyl)ether	6.60	93	289060	39.512	ng	98
12) 1,3-Dichlorobenzene	6.81	146	327688	40.507	ng	97
13) 1,4-Dichlorobenzene	6.89	146	334311	40.618	ng	97
14) 1,2-Dichlorobenzene	7.04	146	305188	40.129	ng	97
15) Benzyl Alcohol	7.01	79	214511	34.751	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	407675	35.767	ng	96
17) 2-Methylphenol	7.12	107	240670	38.079	ng	96
18) Hexachloroethane	7.37	117	81972	27.708	ng	92
19) n-Nitroso-di-n-propylamine	7.28	70	185205	34.474	ng	95
20) 3+4-Methylphenols	7.27	107	288265	36.052	ng	# 73
22) Acetophenone	7.28	105	390526	38.787	ng	# 96
24) Nitrobenzene	7.45	77	289458	39.377	ng	98
25) Isophorone	7.69	82	509585	38.035	ng	100
26) 2-Nitrophenol	7.77	139	117032	33.108	ng	# 86
27) 2,4-Dimethylphenol	7.80	122	251274	37.640	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	337503	40.423	ng	99
29) 2,4-Dichlorophenol	8.01	162	225782	39.393	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	233082	40.660	ng	98
31) Naphthalene	8.17	128	775260	39.721	ng	99
32) Benzoic acid	7.91	122	104471	19.052	ng	95
33) 4-Chloroaniline	8.22	127	317626	38.969	ng	97
34) Hexachlorobutadiene	8.29	225	120710	40.882	ng	99
35) Caprolactam	8.59	113	66446	36.141	ng	88
36) 4-Chloro-3-methylphenol	8.70	107	229301	35.594	ng	98
37) 2-Methylnaphthalene	8.86	142	475909	37.508	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	214209	45.974	ng	98
42) 2,4,6-Trichlorophenol	9.14	196	136617	41.389	ng	97

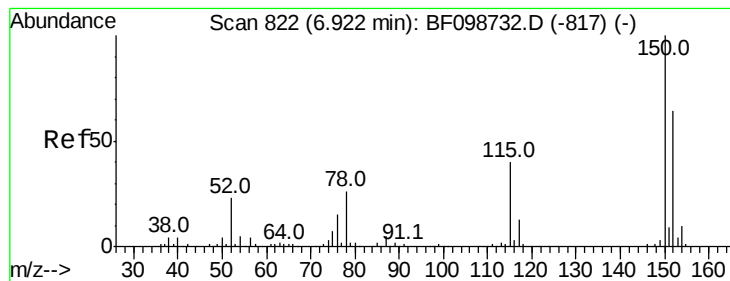
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099211.D
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 Operator : SJ/JU
 Sample : SSTDC0040
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.18	196	132197	40.120	nq	96
45) 1,1'-Biphenyl	9.33	154	591736	44.069	nq	98
46) 2-Chloronaphthalene	9.35	162	435934	43.241	nq	97
47) 2-Nitroaniline	9.45	65	126507	40.981	nq	86
48) Acenaphthylene	9.77	152	629886	40.814	nq	99
49) Dimethylphthalate	9.62	163	515444	43.713	nq	99
50) 2,6-Dinitrotoluene	9.69	165	92891	36.185	nq	98
51) Acenaphthene	9.94	154	368170	37.660	nq	98
52) 3-Nitroaniline	9.86	138	132620	44.306	nq	88
53) 2,4-Dinitrophenol	9.97	184	1801	7.077	nq	# 89
54) Dibenzofuran	10.11	168	520010	39.950	nq	99
55) 4-Nitrophenol	10.02	139	70177	27.727	nq	83
56) 2,4-Dinitrotoluene	10.09	165	104790	31.453	nq	93
57) Fluorene	10.45	166	410331	39.220	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	81293	35.714	nq	98
59) Diethylphthalate	10.32	149	470405	40.826	nq	97
60) 4-Chlorophenyl-phenylether	10.45	204	187913	39.985	nq	93
61) 4-Nitroaniline	10.47	138	126099	43.666	nq	86
62) Azobenzene	10.60	77	361624	34.134	nq	92
64) 4,6-Dinitro-2-methylphenol	10.50	198	5974	4.113	nq	93
65) n-Nitrosodiphenylamine	10.56	169	369833	44.722	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	99056	42.394	nq	94
67) Hexachlorobenzene	11.00	284	103347	41.412	nq	93
68) Atrazine	11.09	200	96194	38.662	nq	98
69) Pentachlorophenol	11.20	266	90324	58.156	nq	100
70) Phenanthrene	11.42	178	529020	41.403	nq	98
71) Anthracene	11.47	178	536496	41.036	nq	98
72) Carbazole	11.62	167	529191	41.334	nq	99
73) Di-n-butylphthalate	11.94	149	641334	41.617	nq	98
74) Fluoranthene	12.60	202	538630	41.630	nq	99
76) Benzidine	12.73	184	293825	40.953	nq	98
77) Pyrene	12.84	202	568049	38.403	nq	98
79) Butylbenzylphthalate	13.44	149	270418	38.899	nq	91
80) Benzo(a)anthracene	14.02	228	468575	39.892	nq	100
81) 3,3'-Dichlorobenzidine	13.98	252	192900	44.798	nq	98
82) Chrysene	14.06	228	453498	40.553	nq	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	390058	40.749	nq	# 100
84) Di-n-octyl phthalate	14.61	149	680239	44.133	nq	96
85) Indeno(1,2,3-cd)pyrene	17.00	276	342782	38.319	nq	95
87) Benzo(b)fluoranthene	15.07	252	405718	41.866	nq	# 95
88) Benzo(k)fluoranthene	15.10	252	381743	39.882	nq	98
89) Benzo(a)pyrene	15.44	252	361209	40.606	nq	# 96
90) Dibenzo(a,h)anthracene	17.01	278	286958	40.309	nq	96
91) Benzo(g,h,i)perylene	17.45	276	270450	38.432	nq	94

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

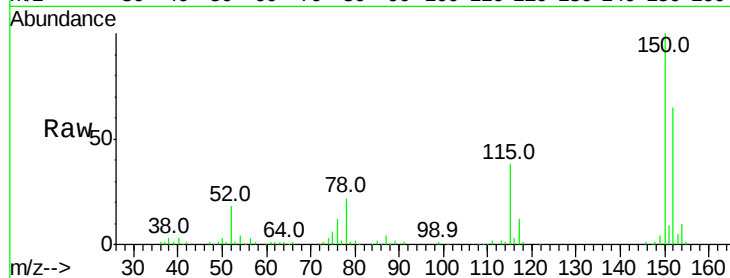


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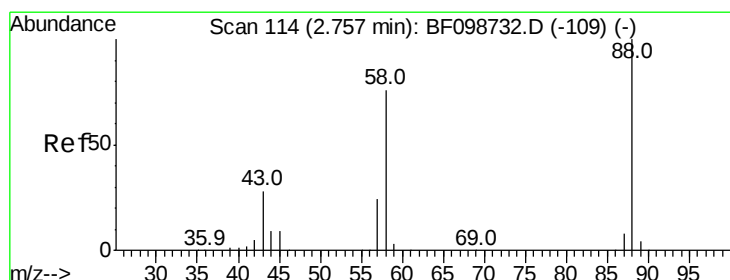
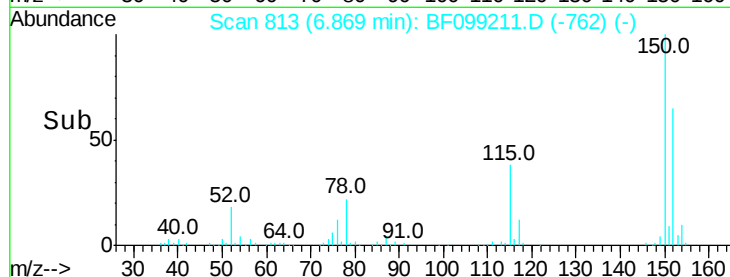
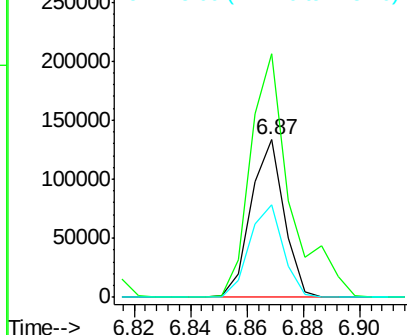
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 108583
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 58.5 50.1 75.1



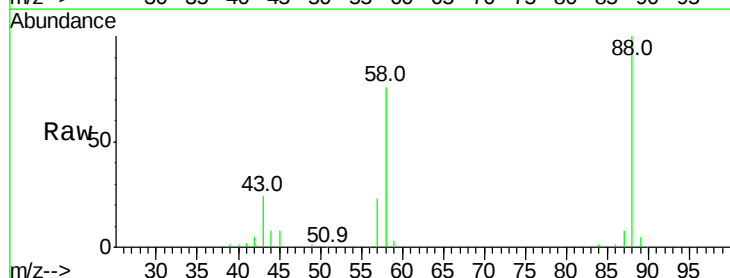
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



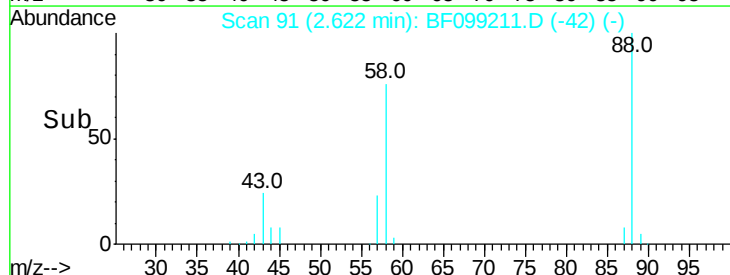
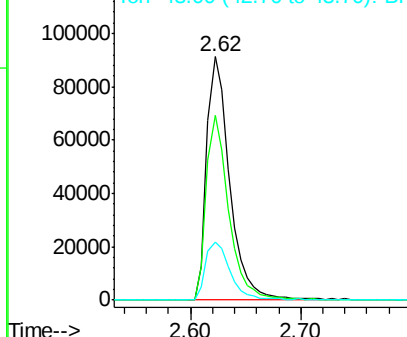
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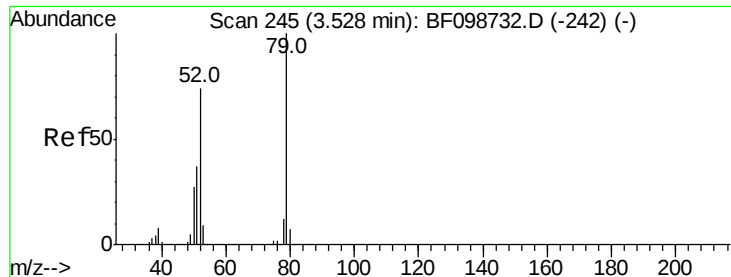
1,4-Dioxane
Concen: 39.723 ng
RT: 2.62 min Scan# 91
Delta R.T. -0.01 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Tgt Ion: 88 Resp: 129428
Ion Ratio Lower Upper
88 100
58 73.9 62.6 93.8
43 25.8 24.6 37.0



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





#3

Pvridine

Concen: 38.539 ng

RT: 3.40 min Scan# 224

Delta R.T. -0.00 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

Instrument :

BNA_F

ClientSampleId :

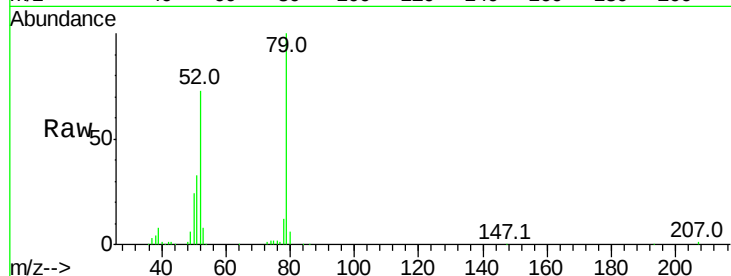
Tot Ion: 79 Resp: 339698

Ion Ratio Lower Upper

79 100

52 72.6 59.8 89.6

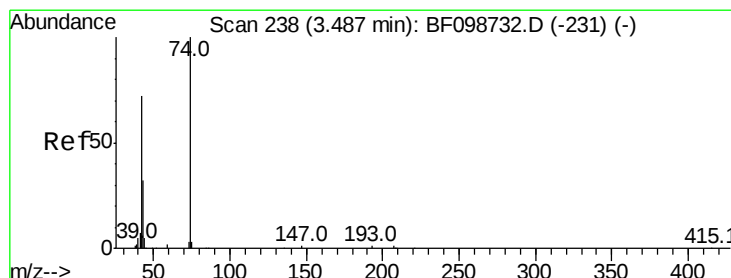
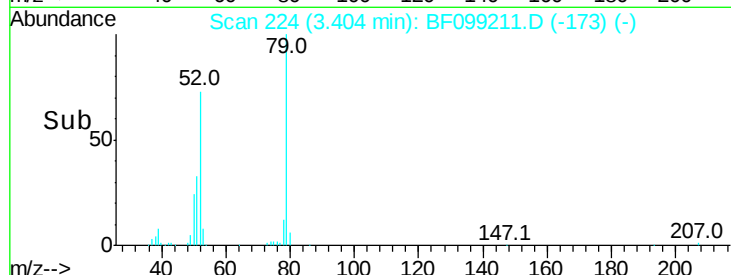
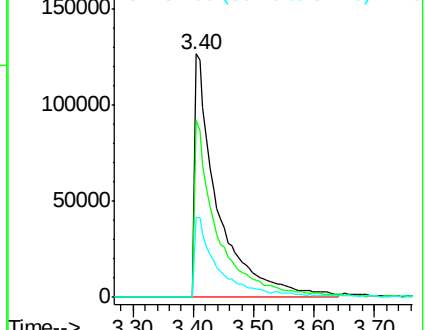
51 32.6 29.8 44.8



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: 35.151 ng

RT: 3.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

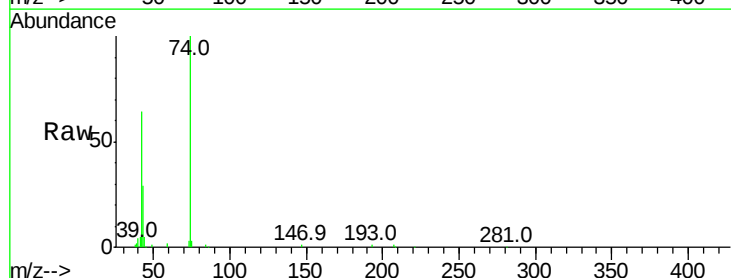
Tgt Ion: 42 Resp: 131383

Ion Ratio Lower Upper

42 100

74 156.4 104.9 157.3

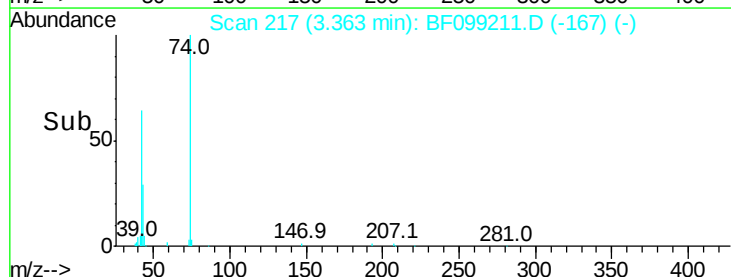
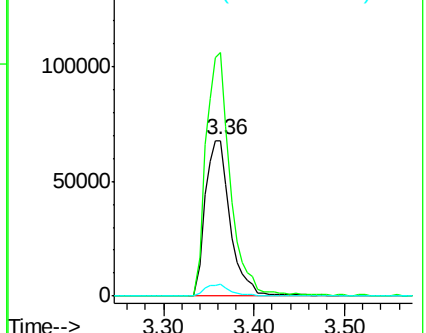
44 7.4 6.9 10.3

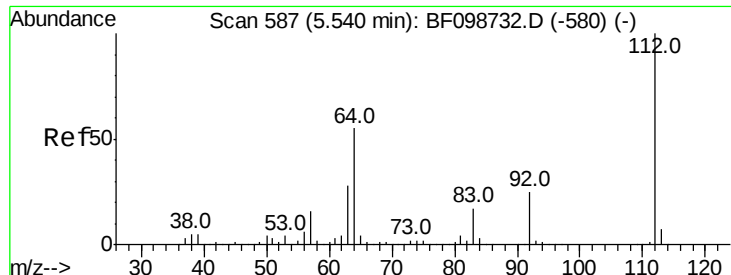


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 82.855 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

Instrument :

BNA_F

ClientSampled :

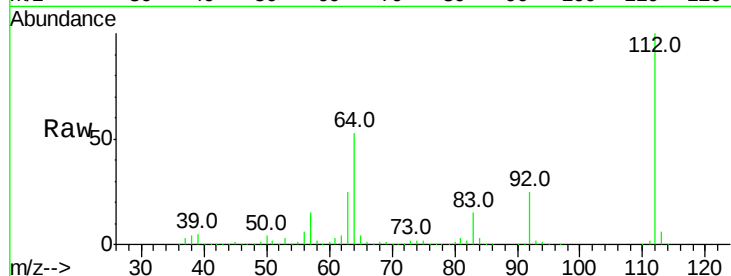
Tot Ion:112 Resp: 565148

Ion Ratio Lower Upper

112 100

64 53.2 47.9 71.9

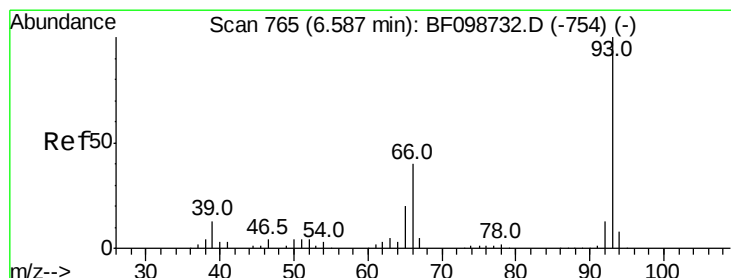
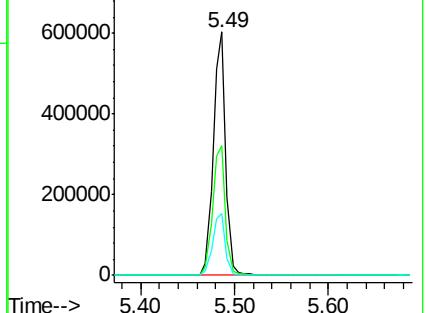
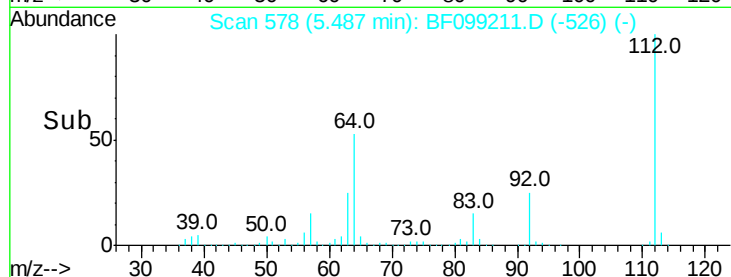
63 25.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.350 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

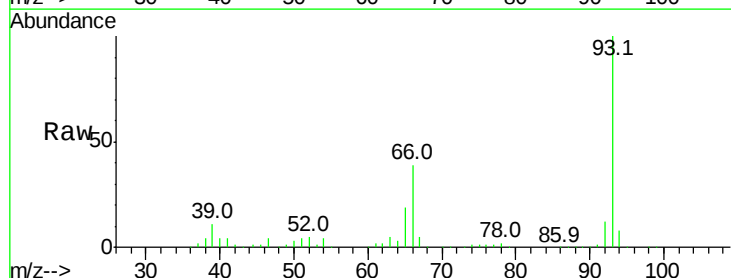
Tgt Ion: 93 Resp: 435526

Ion Ratio Lower Upper

93 100

66 38.8 32.2 48.2

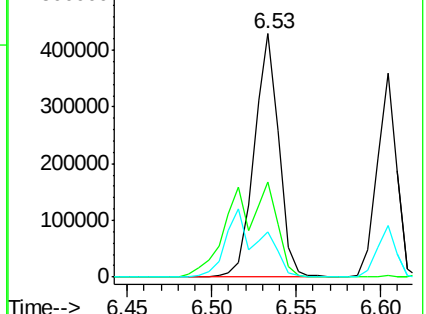
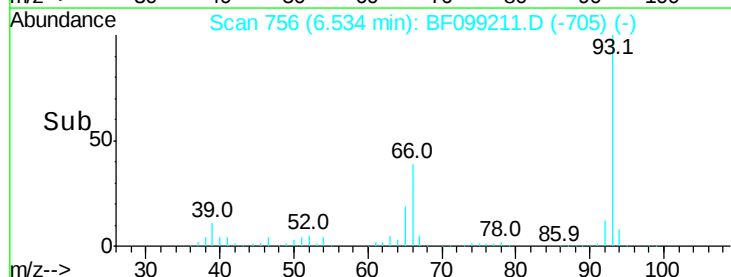
65 18.8 16.4 24.6

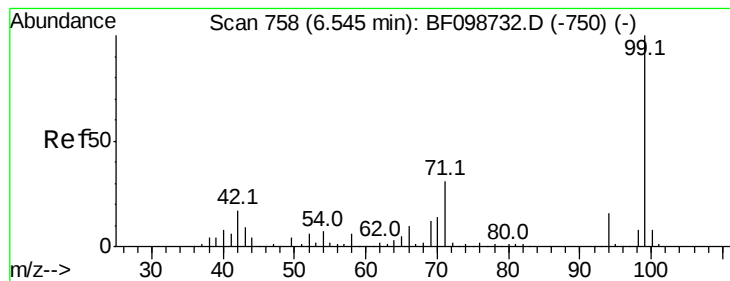


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.437 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

Instrument :

BNA_F

ClientSampleId :

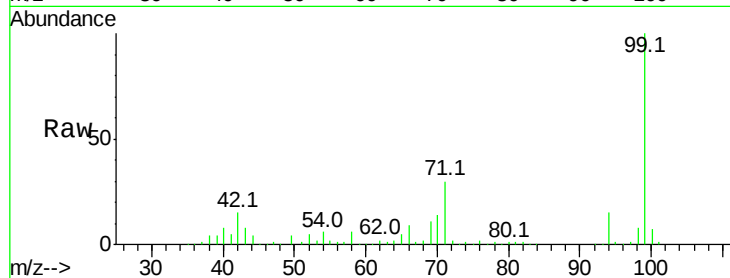
Tot Ion: 99 Resp: 668414

Ion Ratio Lower Upper

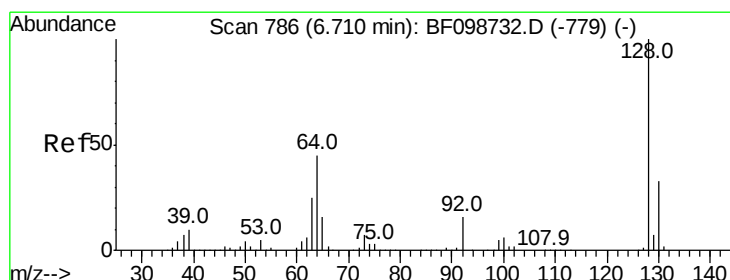
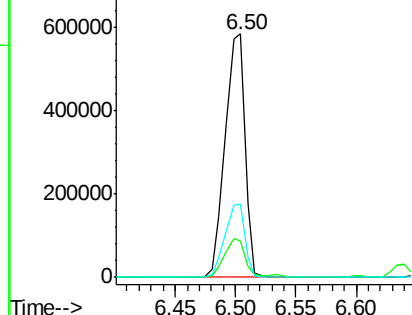
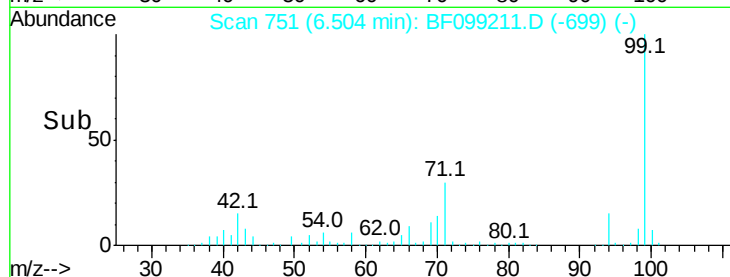
99 100

42 15.1 14.5 21.7

71 29.9 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: 39.813 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

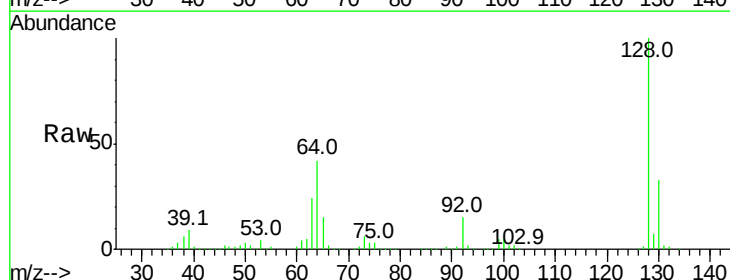
Tgt Ion: 128 Resp: 307536

Ion Ratio Lower Upper

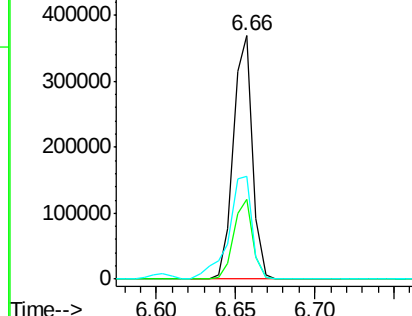
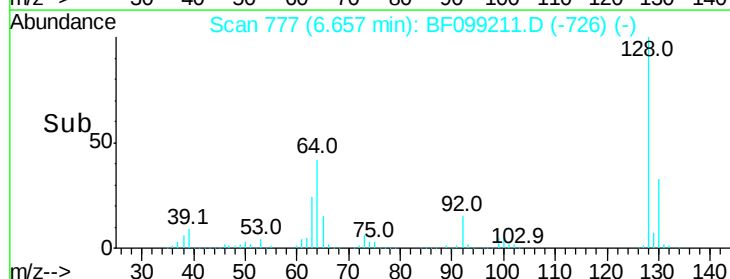
128 100

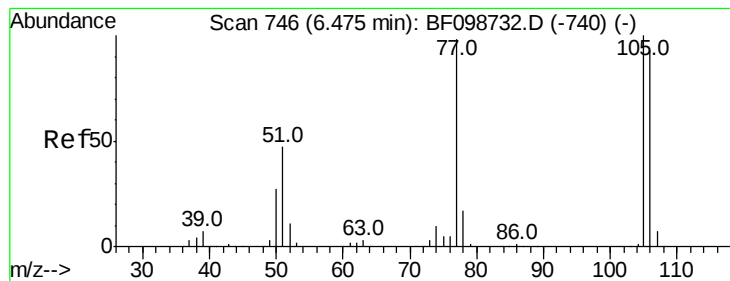
130 33.0 13.0 53.0

64 42.1 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: 35.902 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

Instrument :

BNA_F

ClientSampled :

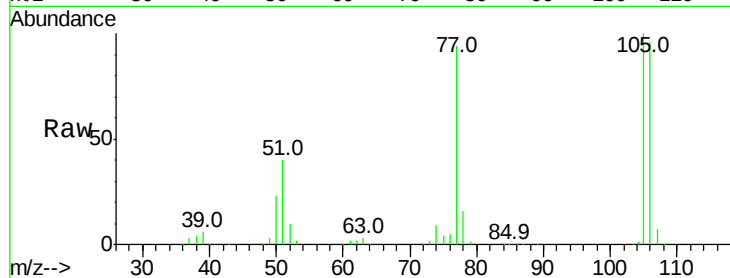
Tot Ion: 77 Resp: 175236

Ion Ratio Lower Upper

77 100

105 106.6 81.1 121.1

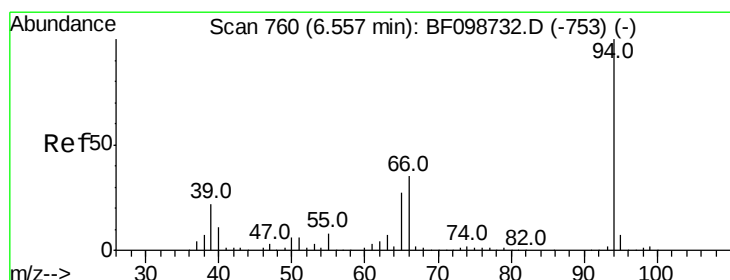
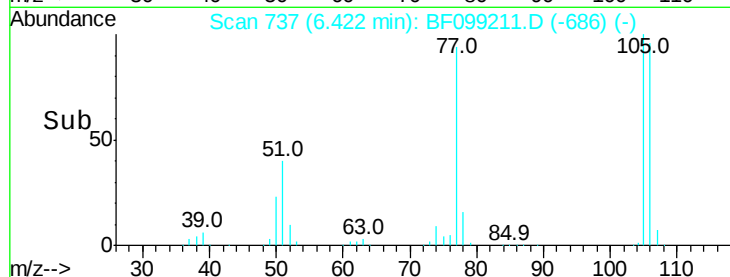
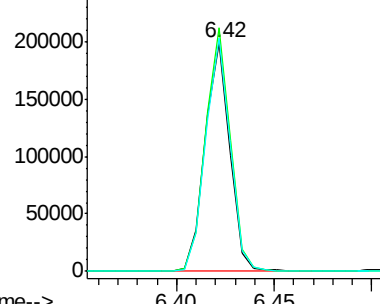
106 102.1 74.5 114.5



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: 41.533 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

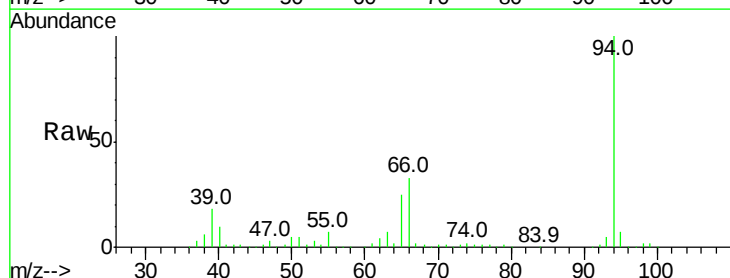
Tgt Ion: 94 Resp: 390849

Ion Ratio Lower Upper

94 100

65 25.3 7.9 47.9

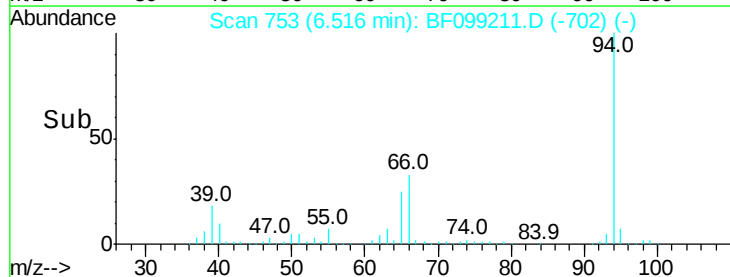
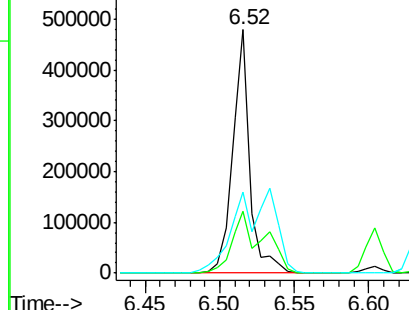
66 33.2 16.2 56.2



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

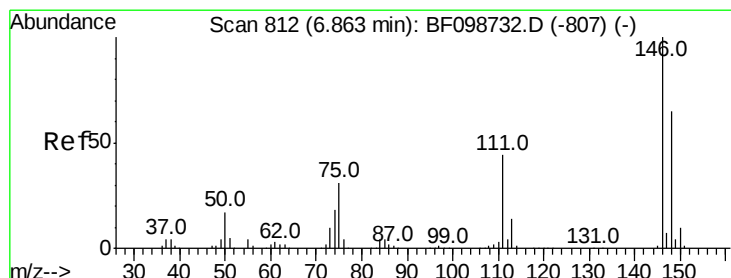
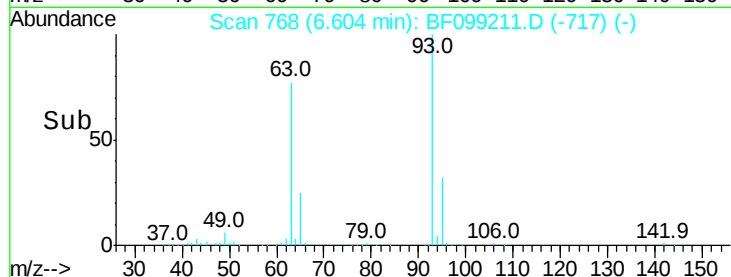
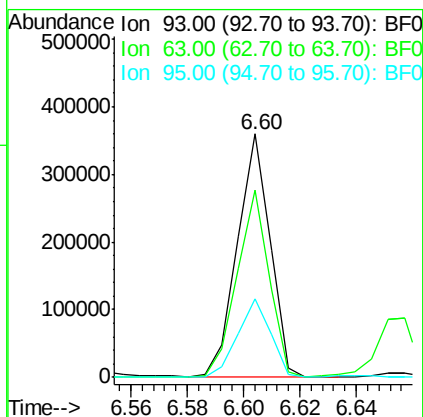
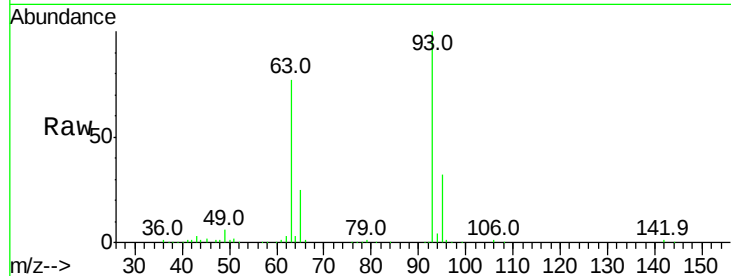




#11
bis(2-Chloroethyl)ether
Concen: 39.512 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

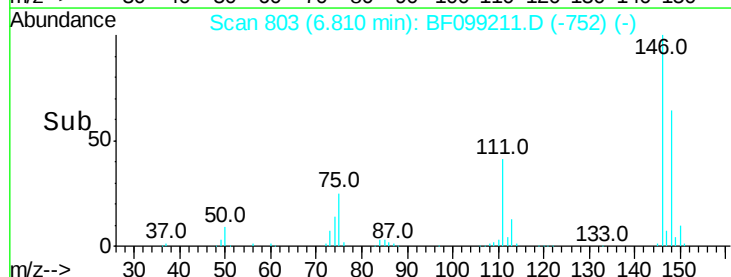
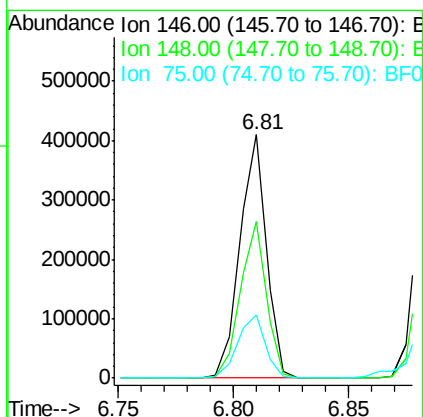
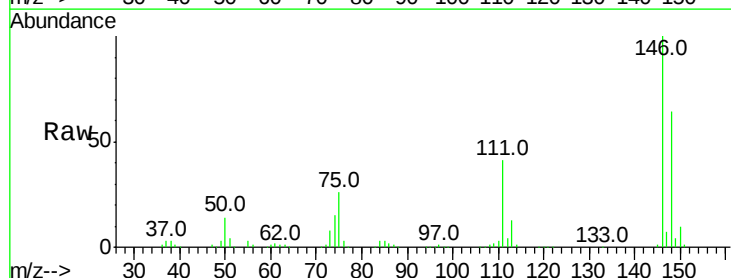
Instrument :
BNA_F
ClientSampleId :

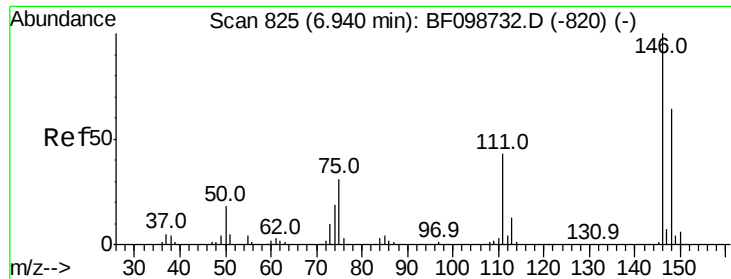
Tot Ion: 93 Resp: 289060
Ion Ratio Lower Upper
93 100
63 76.9 58.6 98.6
95 32.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.507 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Tgt Ion: 146 Resp: 327688
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 26.1 24.2 36.4

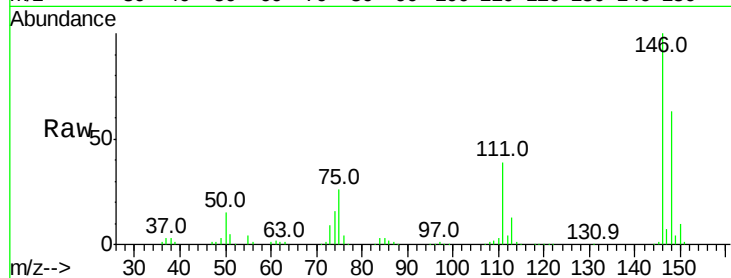




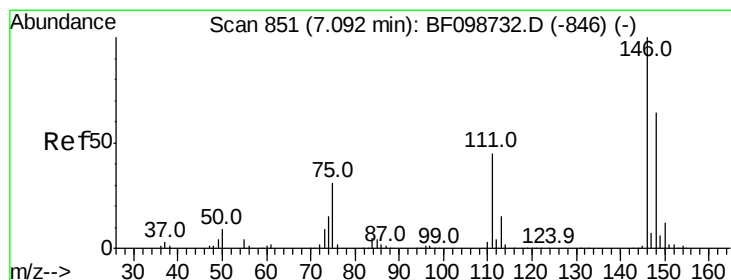
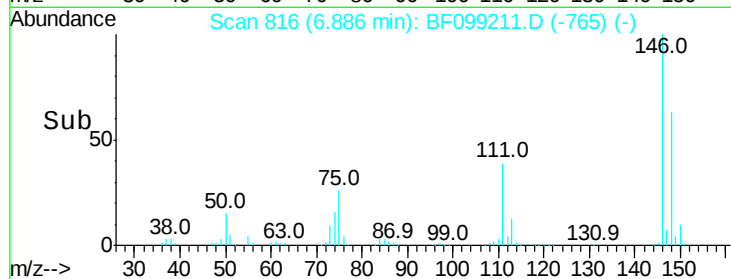
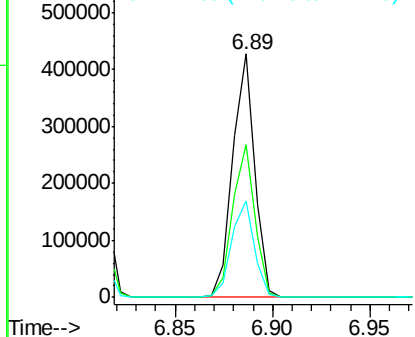
#13
 1,4-Dichlorobenzene
 Concen: 40.618 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF099211.D
 Acq: 8 Oct 2017 00:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 334311
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.8 76.2
 111 39.5 34.2 51.2

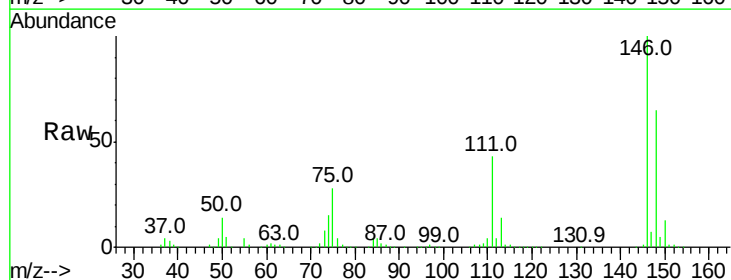


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

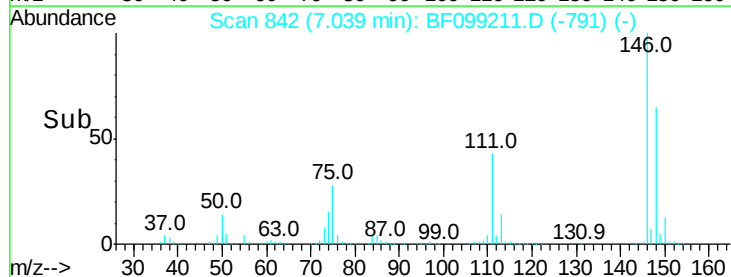
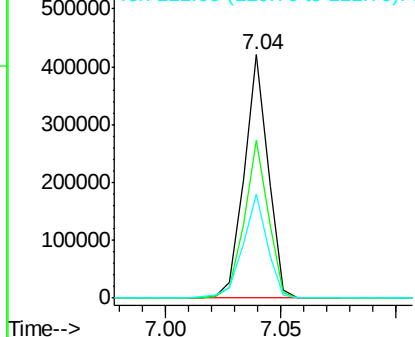


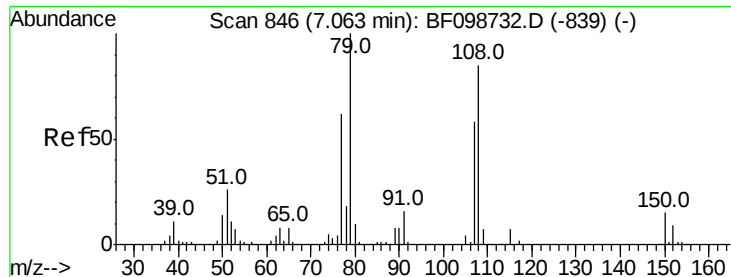
#14
 1,2-Dichlorobenzene
 Concen: 40.129 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF099211.D
 Acq: 8 Oct 2017 00:06

Tgt Ion:146 Resp: 305188
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.6 75.8
 111 42.7 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: 34.751 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

Instrument :

BNA_F

ClientSampleId :

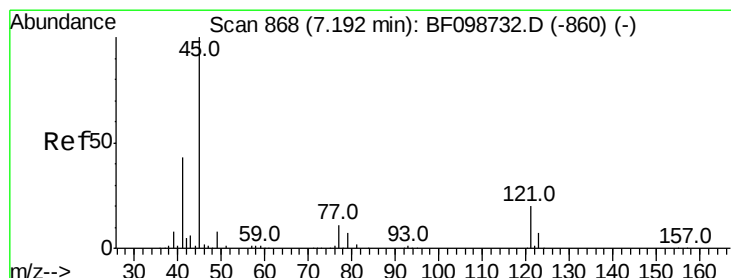
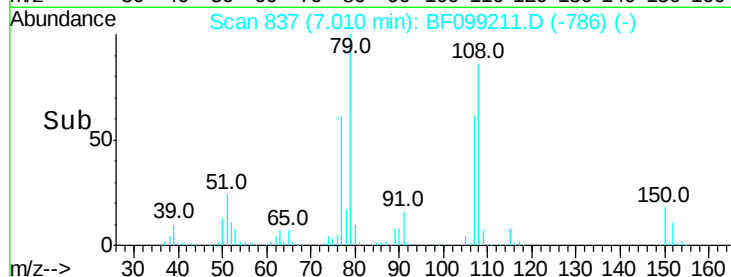
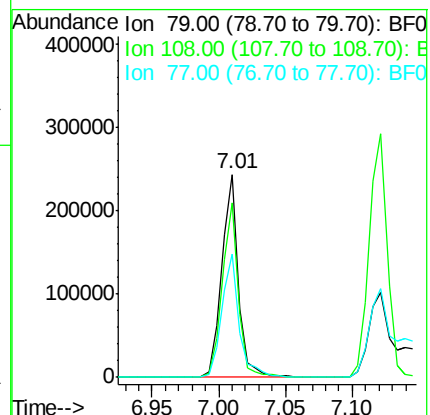
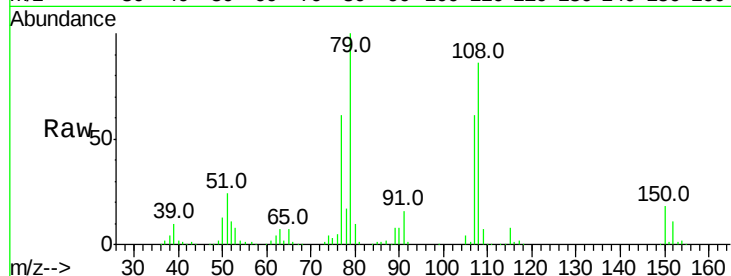
Tot Ion: 79 Resp: 214511

Ion Ratio Lower Upper

79 100

108 86.3 65.1 97.7

77 60.7 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.767 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

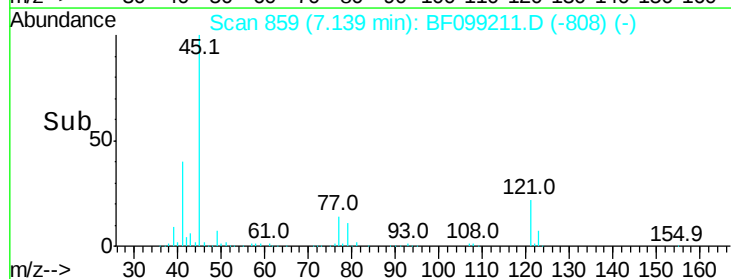
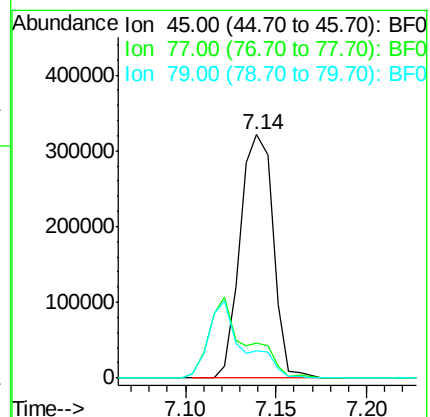
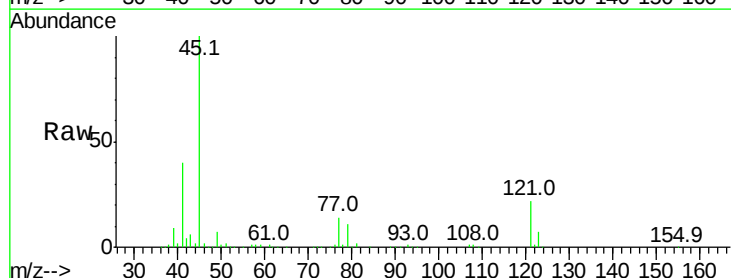
Tgt Ion: 45 Resp: 407675

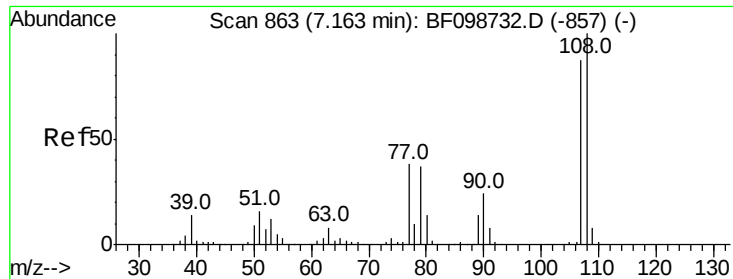
Ion Ratio Lower Upper

45 100

77 14.4 0.0 32.9

79 11.4 0.0 29.6

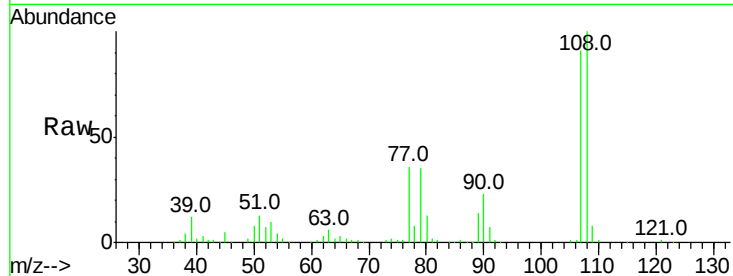




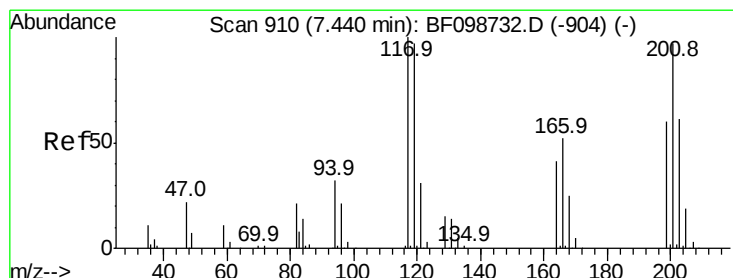
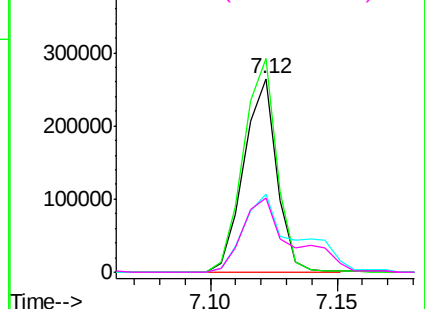
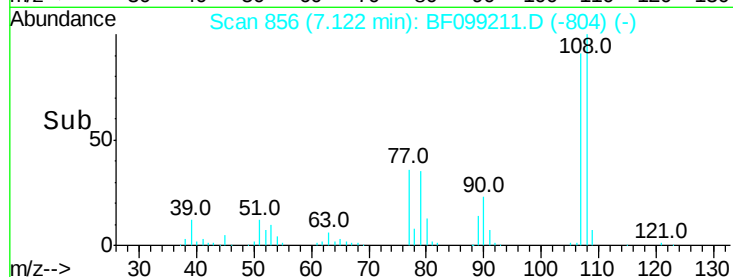
#17
2-Methylphenol
Concen: 38.079 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 240670
Ion Ratio Lower Upper
107 100
108 110.2 91.7 137.5
77 40.2 33.8 50.8
79 38.4 33.8 50.8

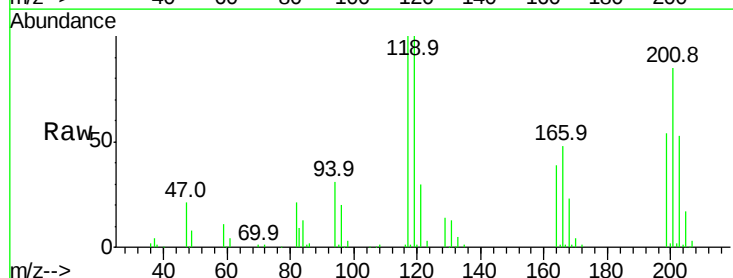


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

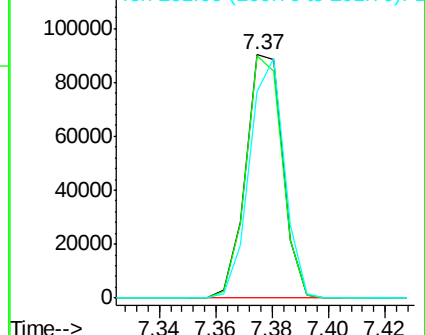
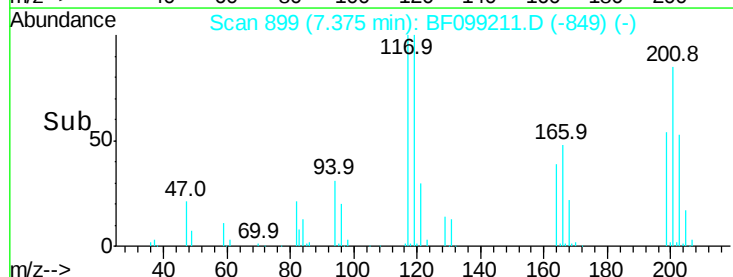


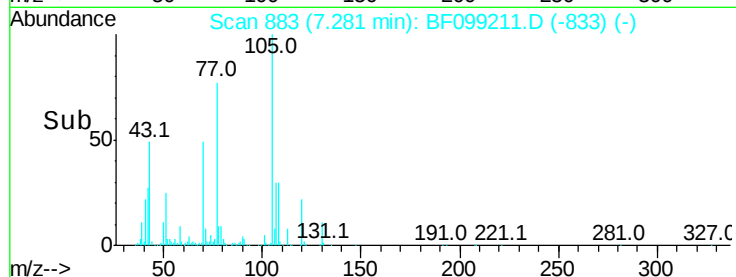
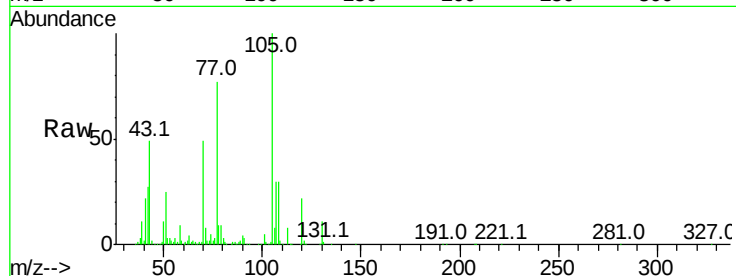
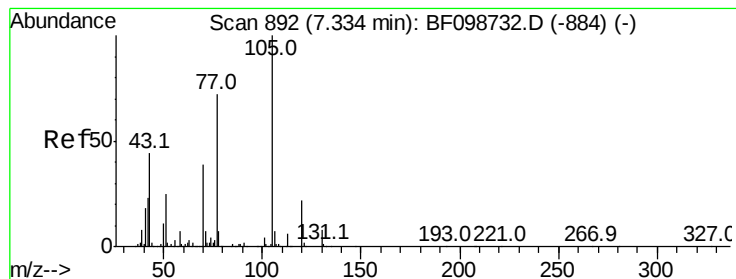
#18
Hexachloroethane
Concen: 27.708 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Tgt Ion:117 Resp: 81972
Ion Ratio Lower Upper
117 100
119 99.5 75.8 113.8
201 84.7 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: 34.474 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 185205

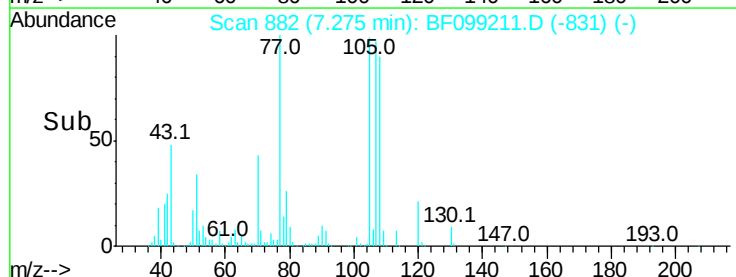
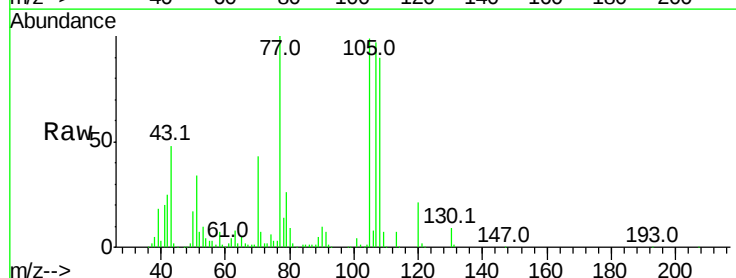
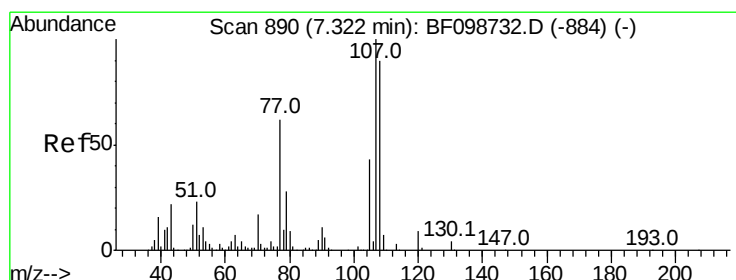
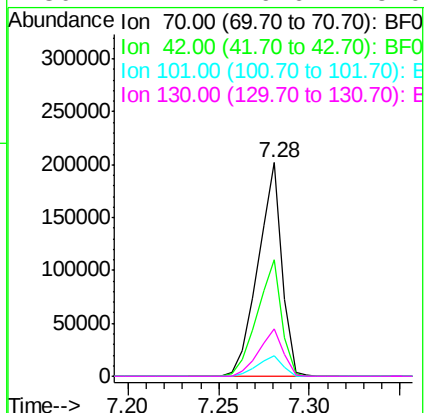
Ion Ratio Lower Upper

70 100

42 54.3 47.5 71.3

101 9.7 7.4 11.2

130 22.4 16.6 25.0



#20

3+4-Methylphenols

Concen: 36.052 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

Tgt Ion:107 Resp: 288265

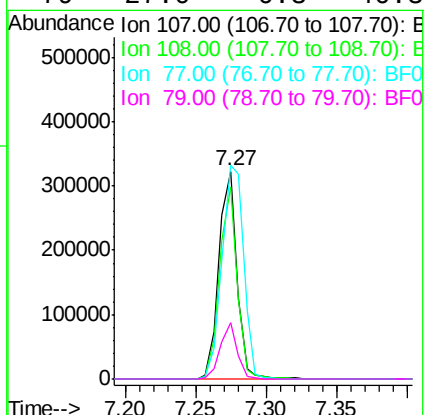
Ion Ratio Lower Upper

107 100

108 92.3 68.2 108.2

77 102.9 26.7 66.7#

79 27.0 6.3 46.3

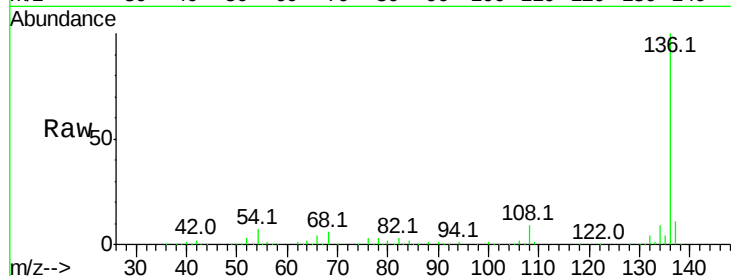




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	415572
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.1	6.6	9.8
68	6.0	5.0	7.4

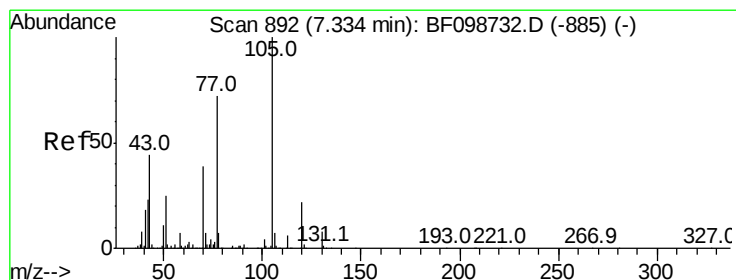
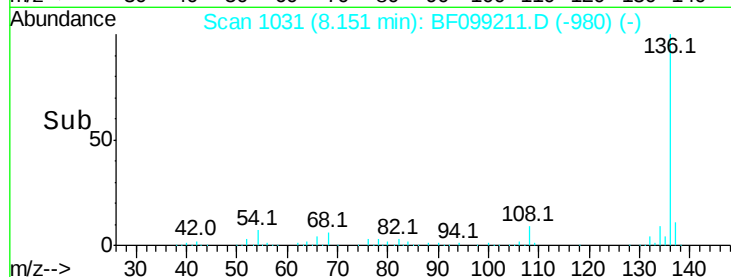
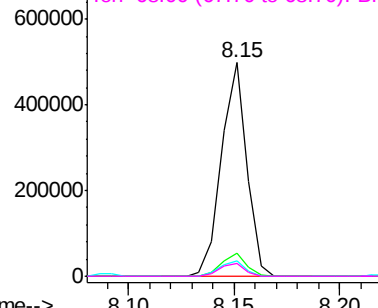


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

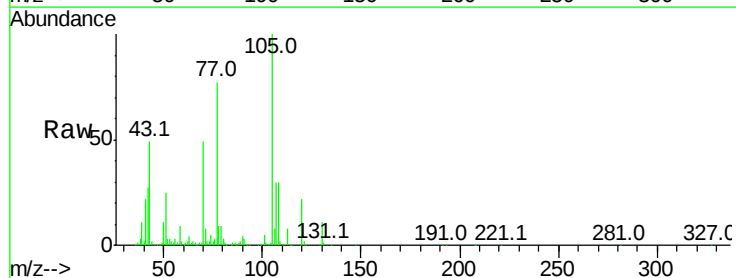
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 38.787 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Tgt Ion:	105	Resp:	390526
Ion	Ratio	Lower	Upper
105	100		
71	8.3	4.4	6.6#
51	25.0	22.3	33.5
120	21.7	16.9	25.3

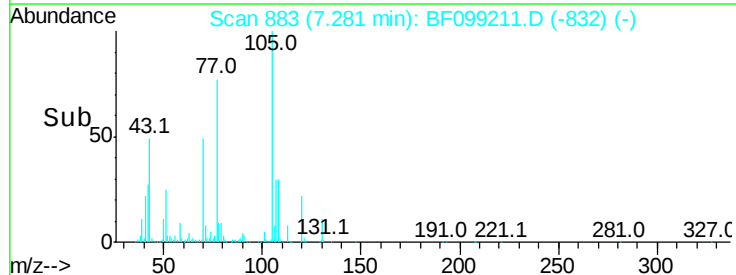
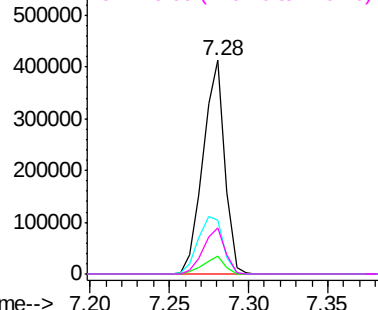


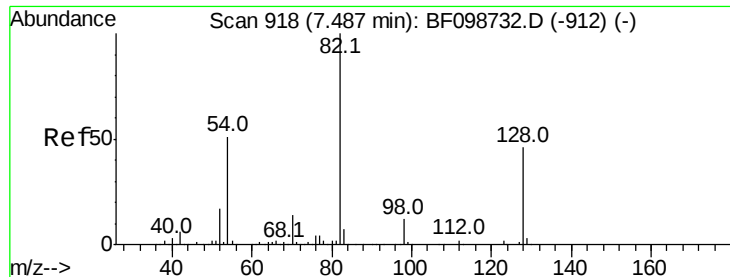
Abundance Ion 105.00 (104.70 to 105.70): E

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



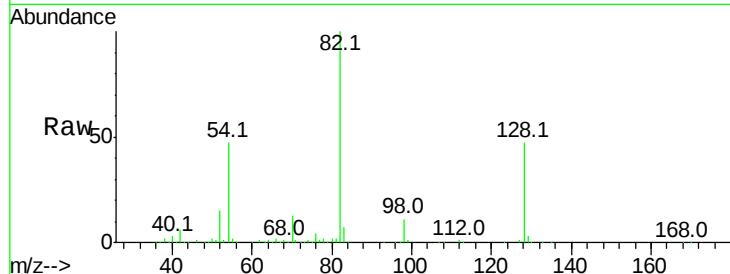


#23
 Nitrobenzene-d5
 Concen: 81.005 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF099211.D
 Acq: 8 Oct 2017 00:06

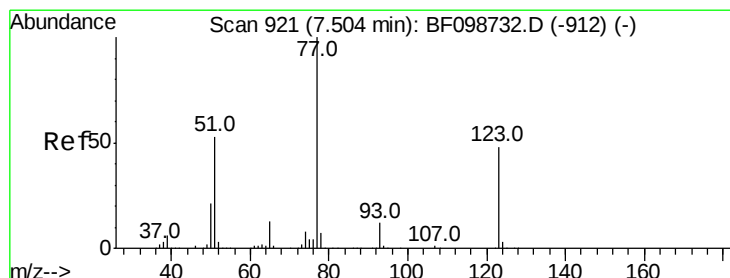
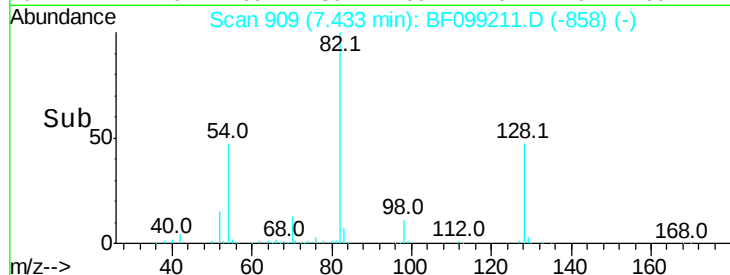
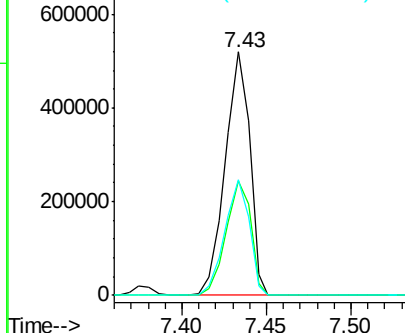
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 524926

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	47.3	41.4	62.2



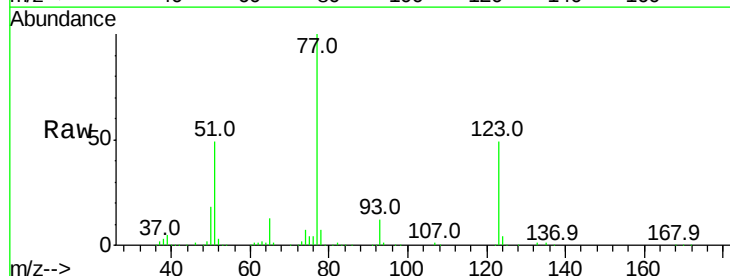
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



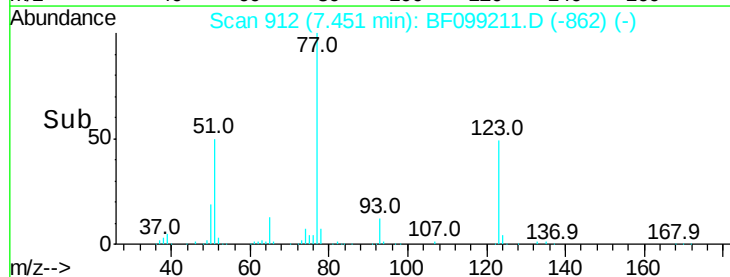
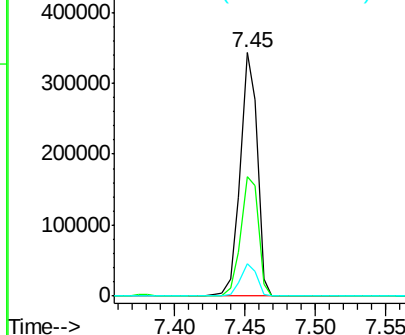
#24
 Nitrobenzene
 Concen: 39.377 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF099211.D
 Acq: 8 Oct 2017 00:06

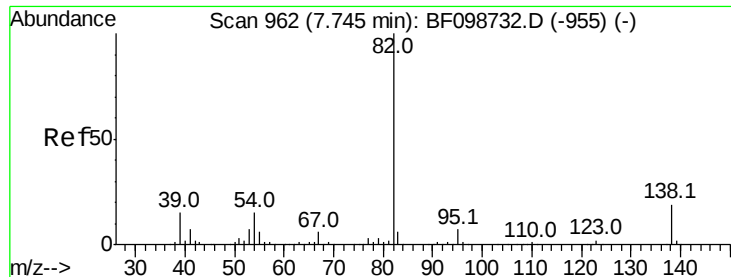
Tgt Ion: 77 Resp: 289458

Ion	Ratio	Lower	Upper
77	100		
123	48.9	37.9	56.9
65	13.2	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: 38.035 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

Instrument :

BNA_F

ClientSampleId :

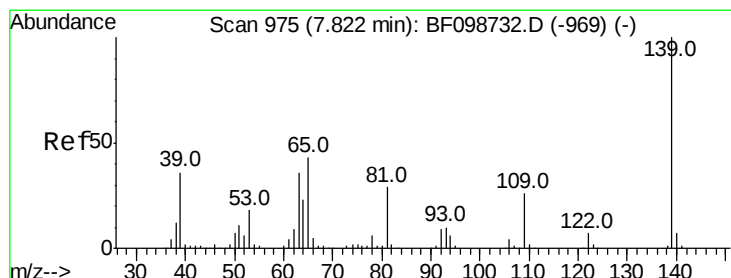
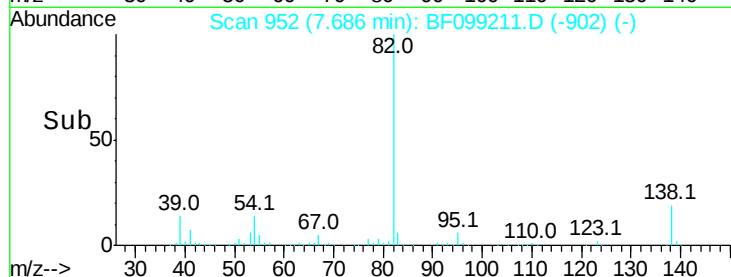
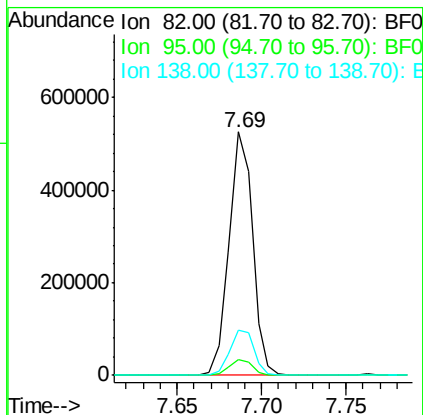
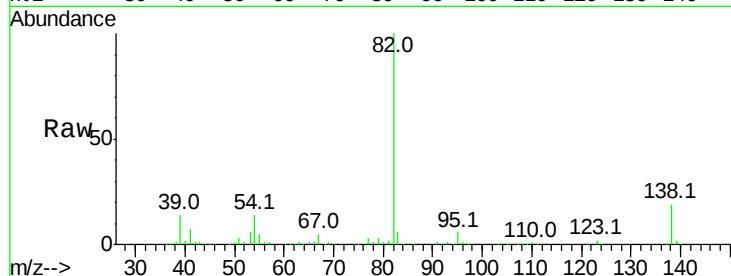
Tot Ion: 82 Resp: 509585

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

138 18.5 14.9 22.3



#26

2-Nitrophenol

Concen: 33.108 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

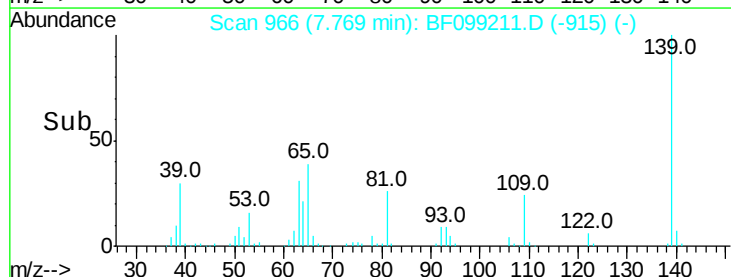
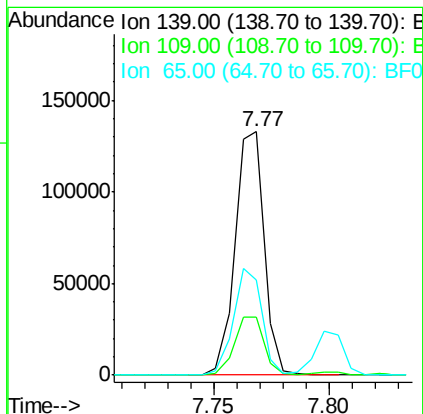
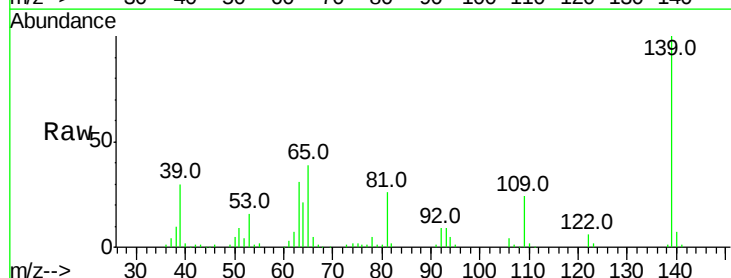
Tgt Ion: 139 Resp: 117032

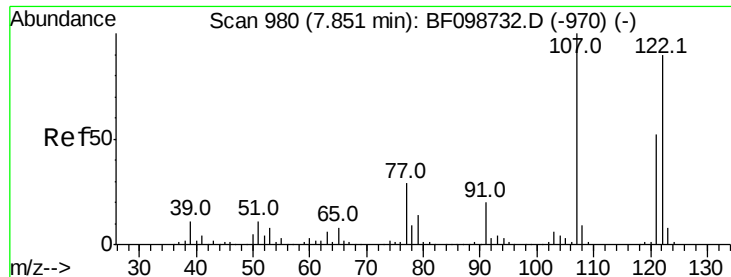
Ion Ratio Lower Upper

139 100

109 23.8 22.7 34.1

65 39.3 40.5 60.7#

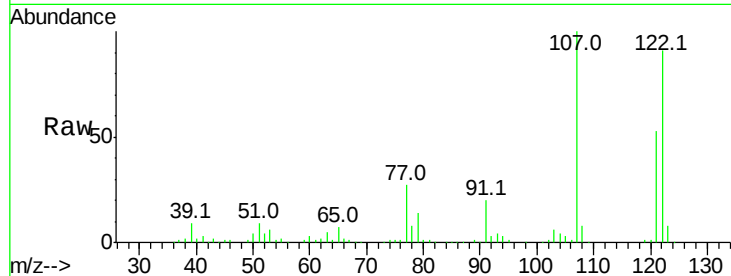




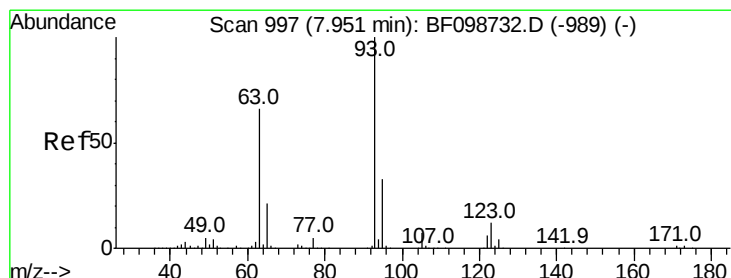
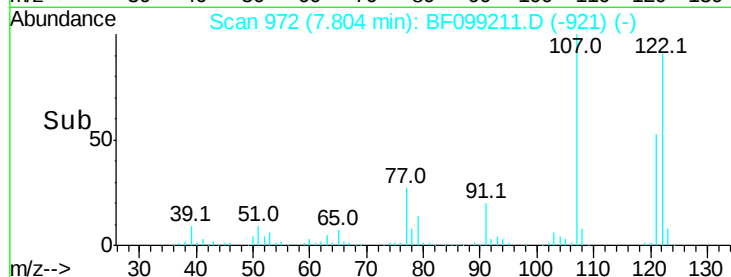
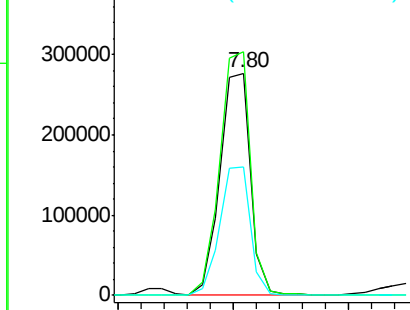
#27
 2,4-Dimethylphenol
 Concen: 37.640 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BF099211.D
 Acq: 8 Oct 2017 00:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 251274
 Ion Ratio Lower Upper
 122 100
 107 109.4 91.2 136.8
 121 57.9 47.2 70.8

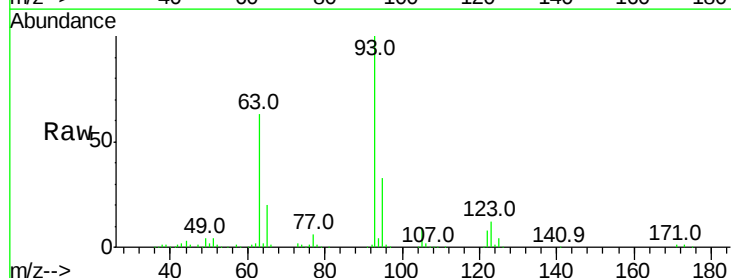


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

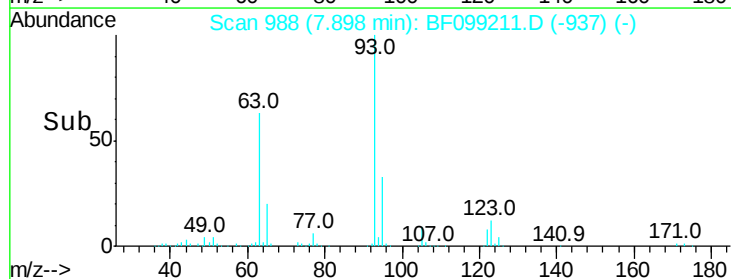
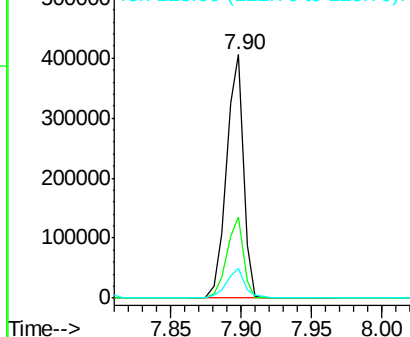


#28
 bis(2-Chloroethoxy)methane
 Concen: 40.423 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF099211.D
 Acq: 8 Oct 2017 00:06

Tgt Ion: 93 Resp: 337503
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.3 39.5
 123 12.2 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

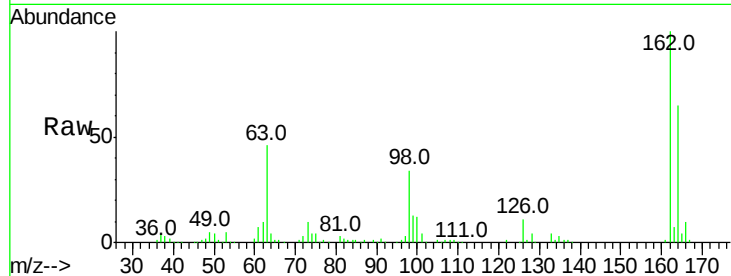




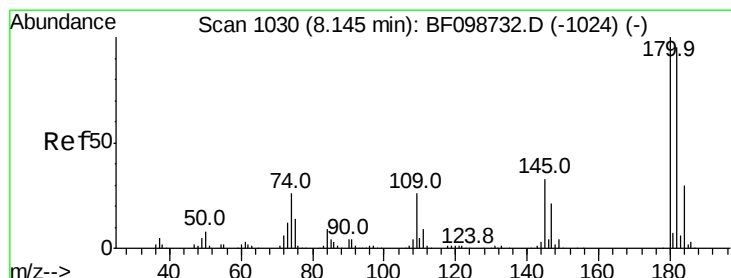
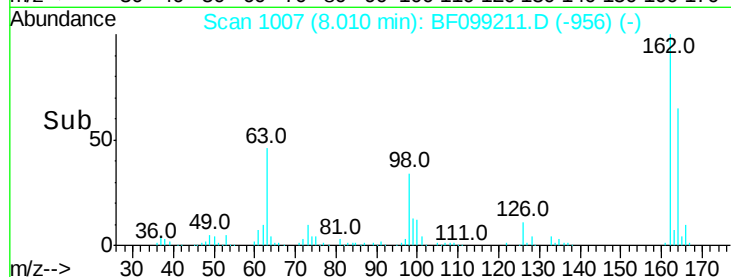
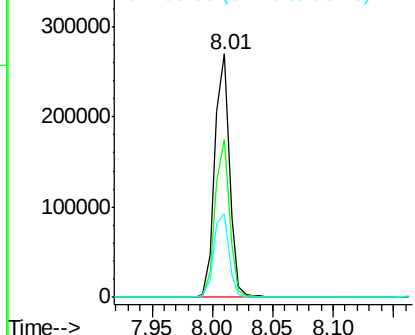
#29
 2,4-Dichlorophenol
 Concen: 39.393 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BF099211.D
 Acq: 8 Oct 2017 00:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 225782
 Ion Ratio Lower Upper
 162 100
 164 65.0 42.7 82.7
 98 34.4 18.1 58.1

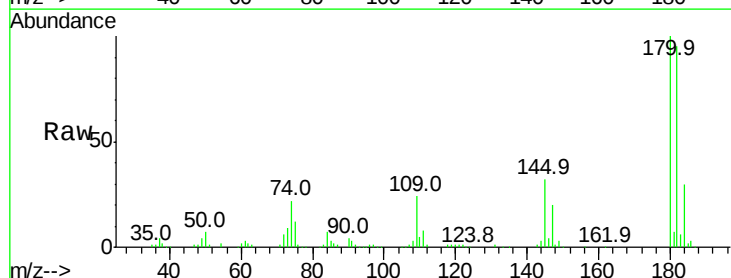


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

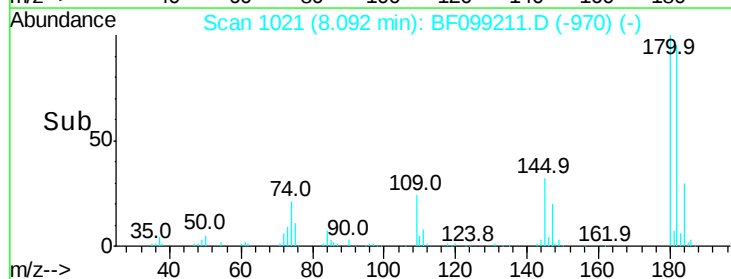
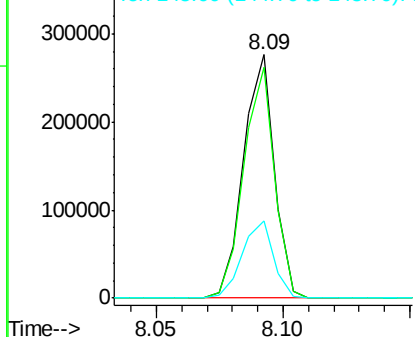


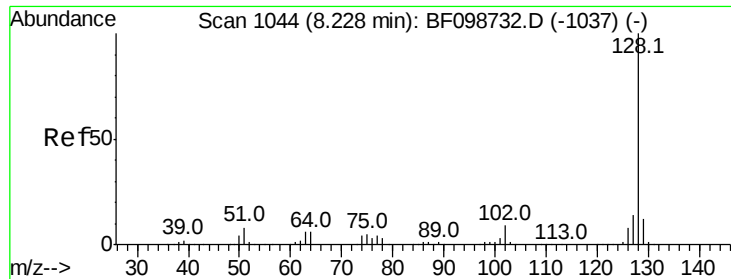
#30
 1,2,4-Trichlorobenzene
 Concen: 40.660 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF099211.D
 Acq: 8 Oct 2017 00:06

Tgt Ion:180 Resp: 233082
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.8 115.2
 145 31.7 26.5 39.7



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

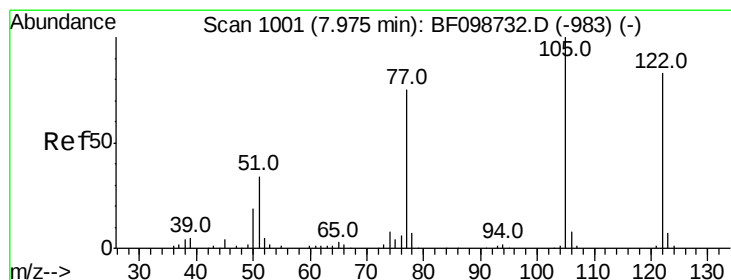
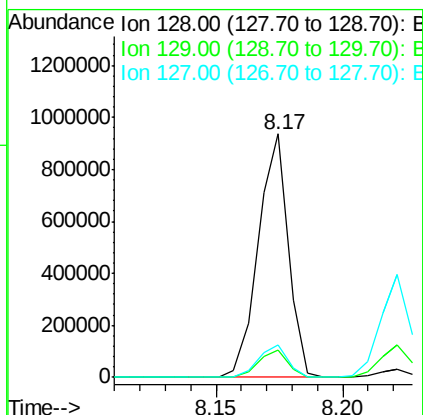
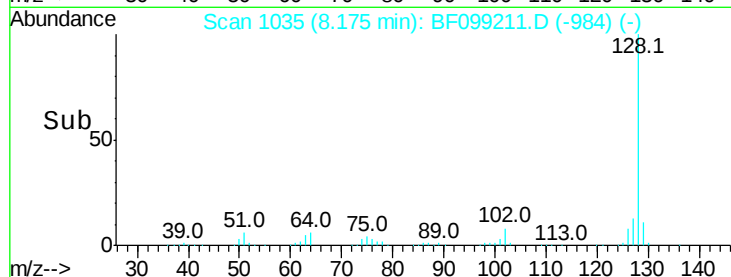
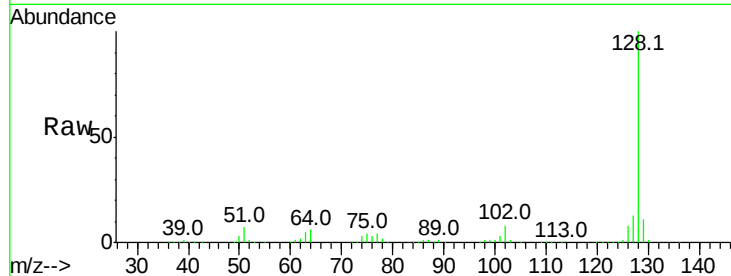




#31
Naphthalene
Concen: 39.721 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

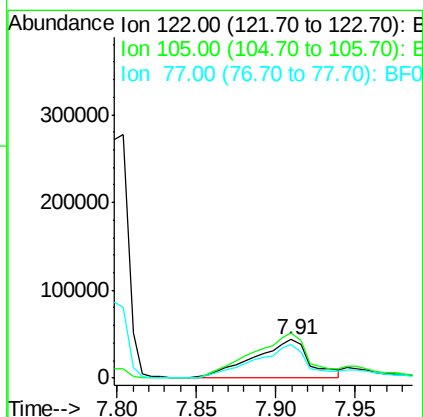
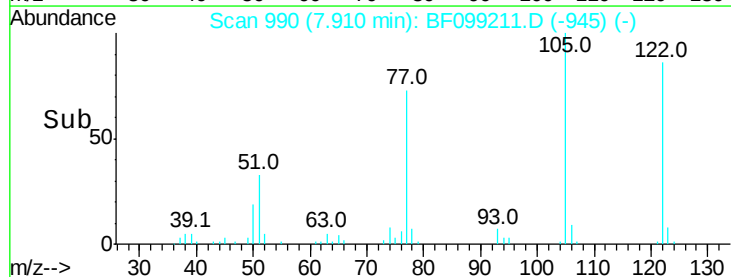
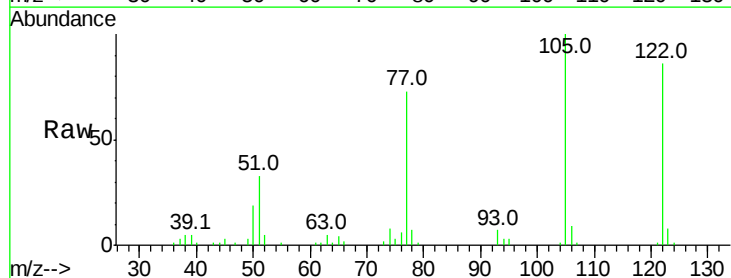
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 775260
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 19.052 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.04 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Tgt Ion:122 Resp: 104471
Ion Ratio Lower Upper
122 100
105 116.5 101.1 141.1
77 85.5 70.7 110.7

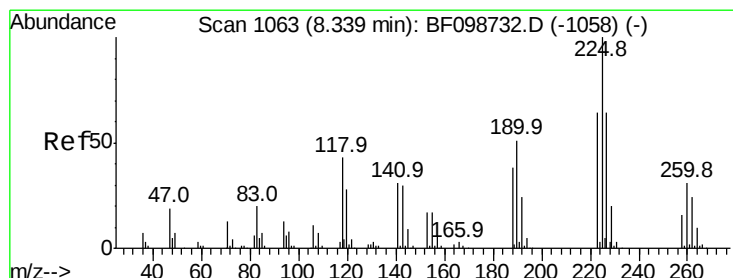
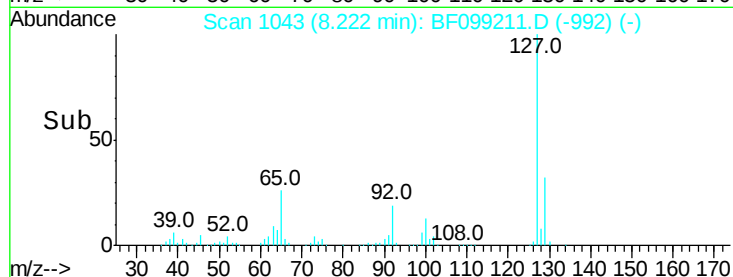
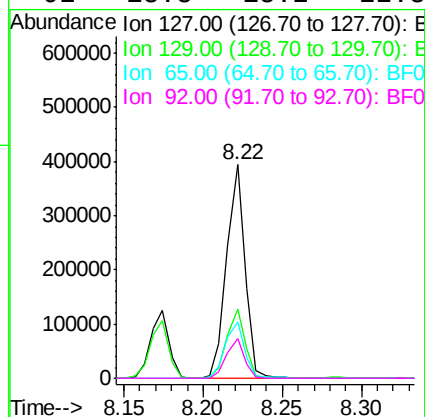
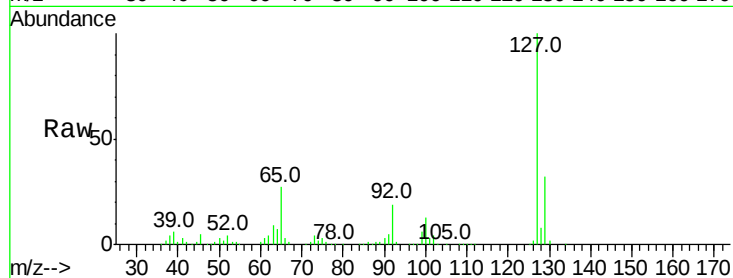




#33
4-Chloroaniline
Concen: 38.969 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

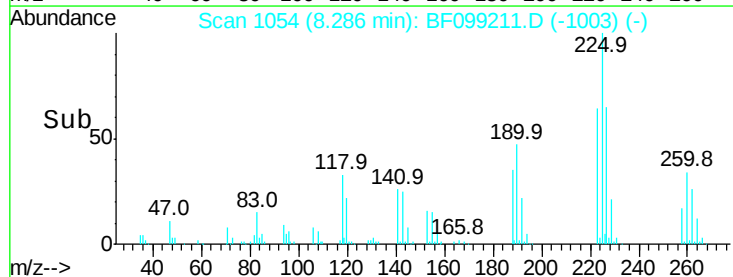
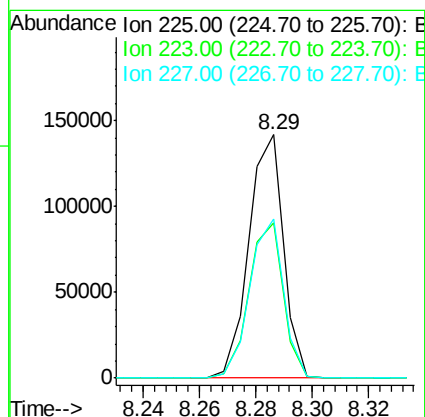
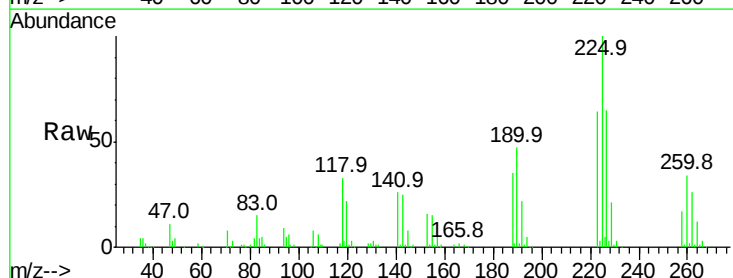
Instrument :
BNA_F
ClientSampleId :

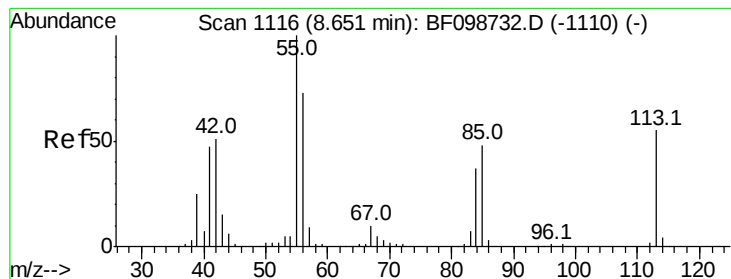
Tot Ion:	127	Resp:	317626
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	26.5	25.0	37.4
92	18.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 40.882 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Tgt Ion:	225	Resp:	120710
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	65.4	51.9	77.9





#35

Caprolactam

Concen: 36.141 ng

RT: 8.59 min Scan# 1106

Delta R.T. -0.02 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

Instrument :

BNA_F

ClientSampled :

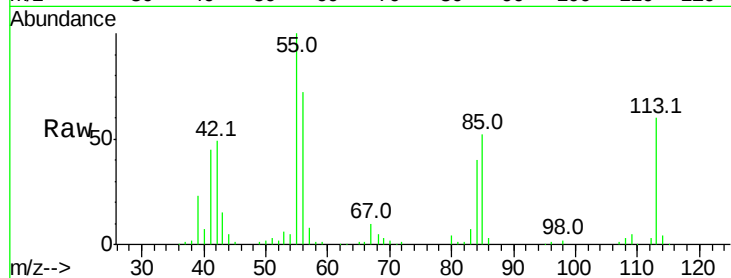
Tot Ion:113 Resp: 66446

Ion Ratio Lower Upper

113 100

55 166.9 163.3 203.3

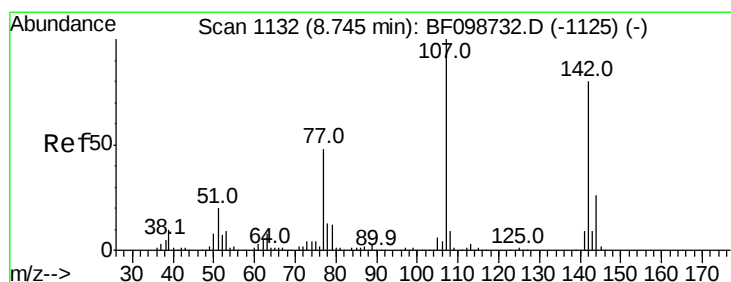
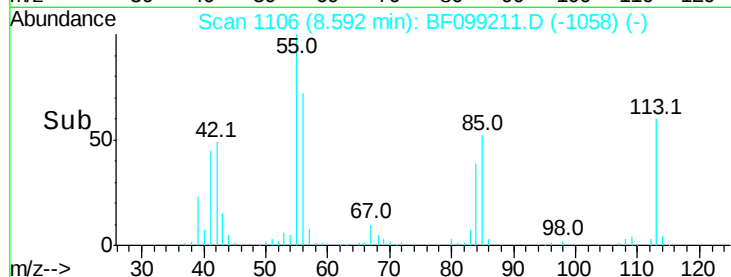
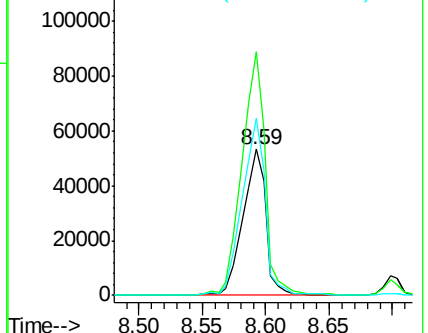
56 121.0 115.7 155.7



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: 35.594 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

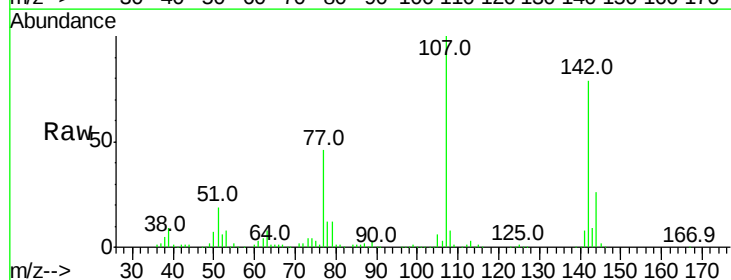
Tgt Ion:107 Resp: 229301

Ion Ratio Lower Upper

107 100

144 25.5 20.5 30.7

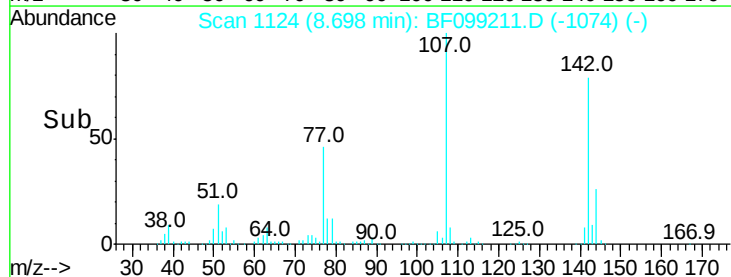
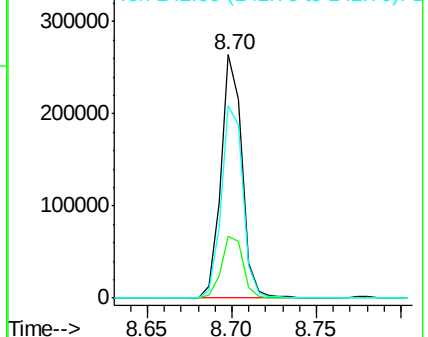
142 79.2 62.0 93.0

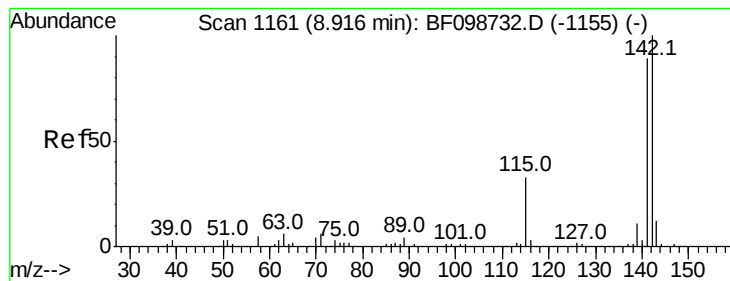


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.508 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

Instrument :

BNA_F

ClientSampleId :

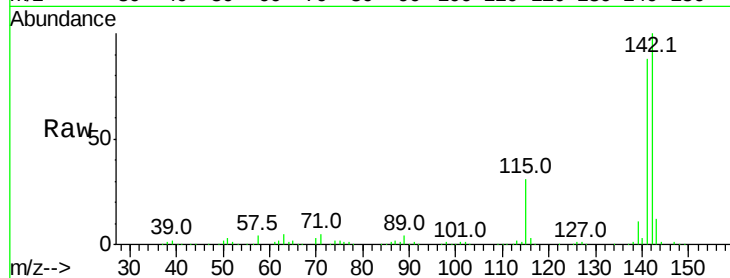
Tot Ion:142 Resp: 475909

Ion Ratio Lower Upper

142 100

141 88.5 70.8 106.2

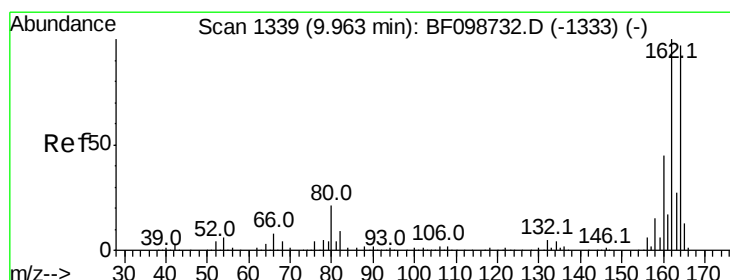
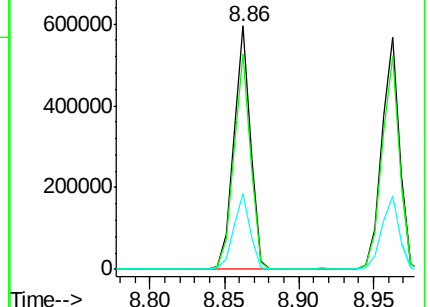
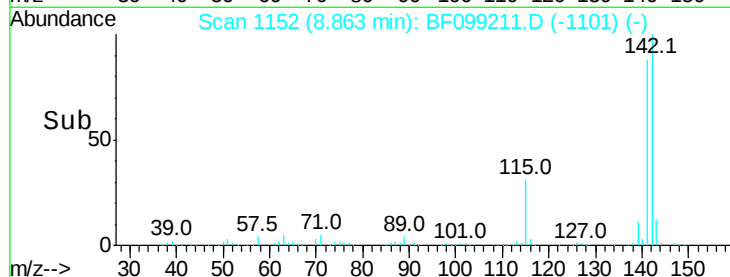
115 31.1 26.1 39.1



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: BF099211.D

Acq: 8 Oct 2017 00:06

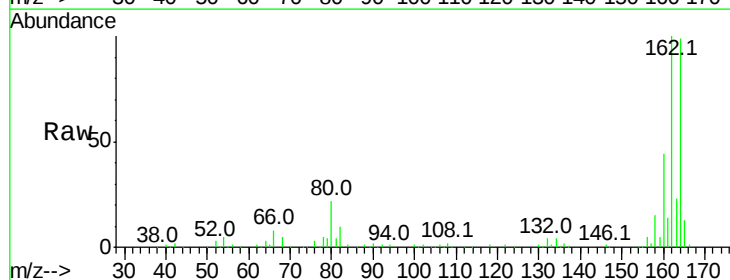
Tgt Ion:164 Resp: 156234

Ion Ratio Lower Upper

164 100

162 101.2 86.1 129.1

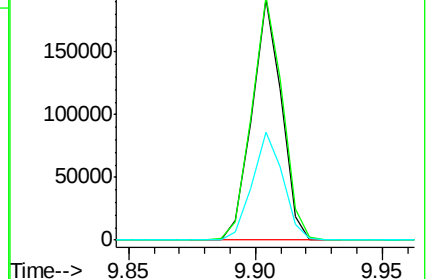
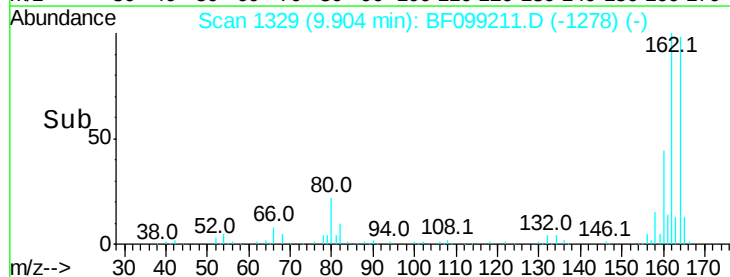
160 44.8 38.3 57.5

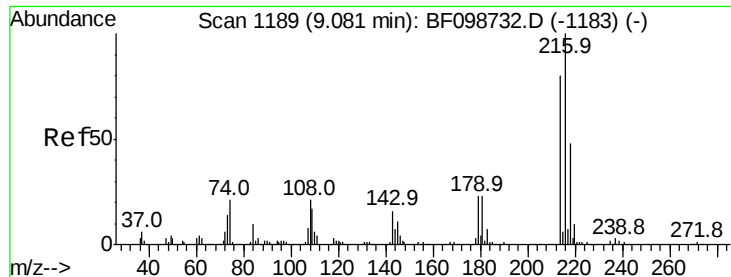


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

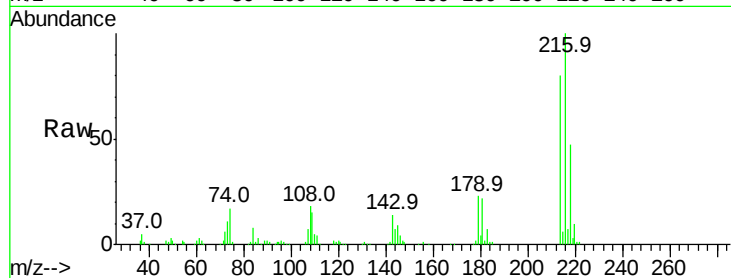




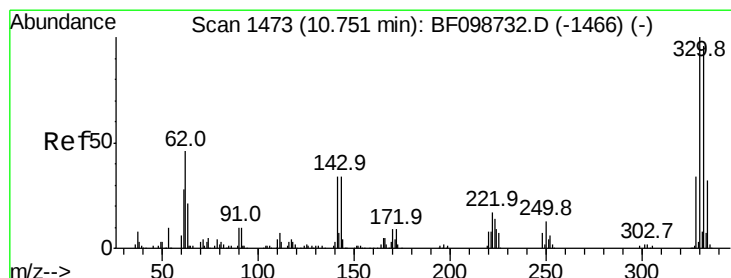
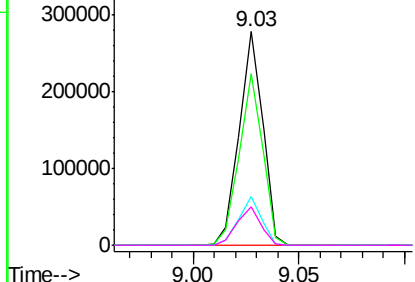
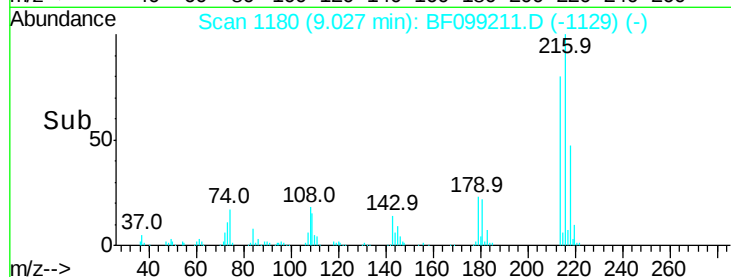
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.974 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF099211.D
 Acq: 8 Oct 2017 00:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	214209
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.4
179	22.3	18.1	27.1
108	17.9	17.2	25.8

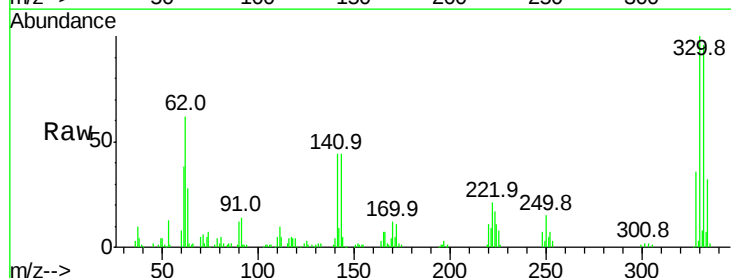


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

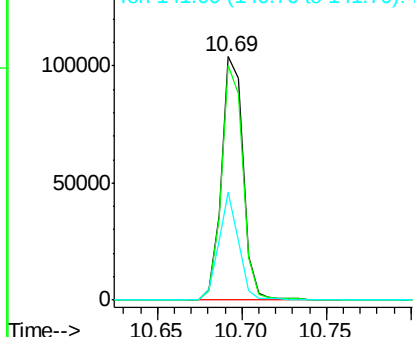
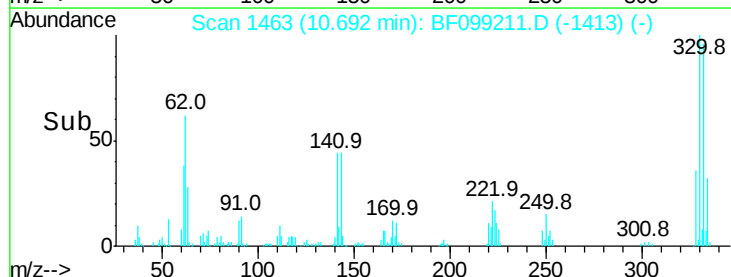


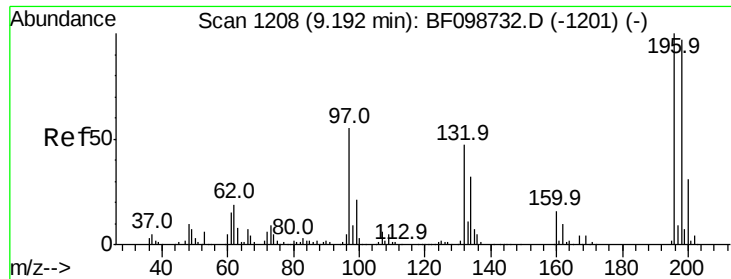
#41
 2,4,6-Tribromophenol
 Concen: 73.227 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099211.D
 Acq: 8 Oct 2017 00:06

Tgt Ion:	330	Resp:	93615
Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	40.3	29.9	44.9



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

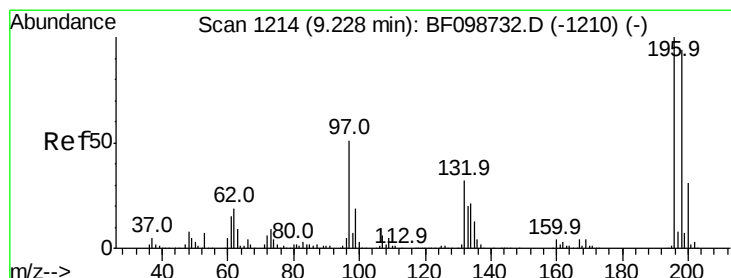
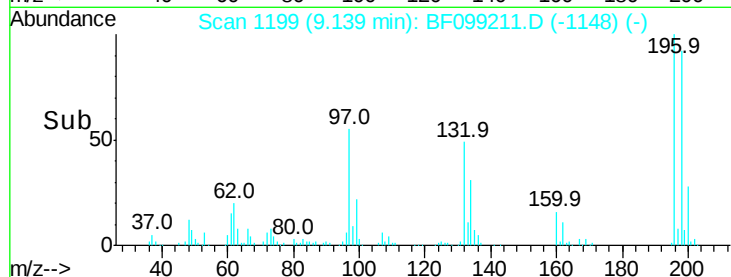
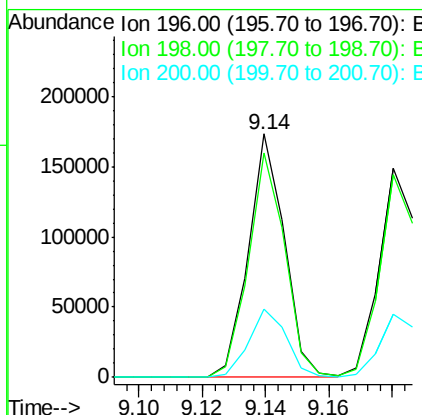
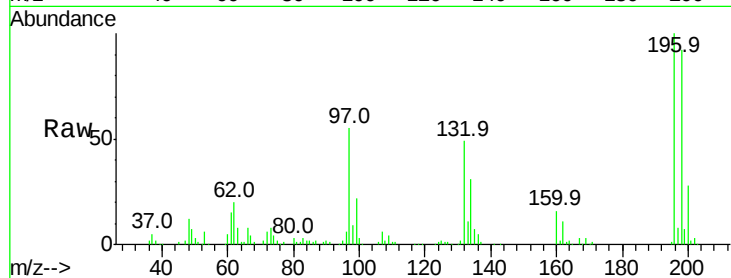




#42
 2,4,6-Trichlorophenol
 Concen: 41.389 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF099211.D
 Acq: 8 Oct 2017 00:06

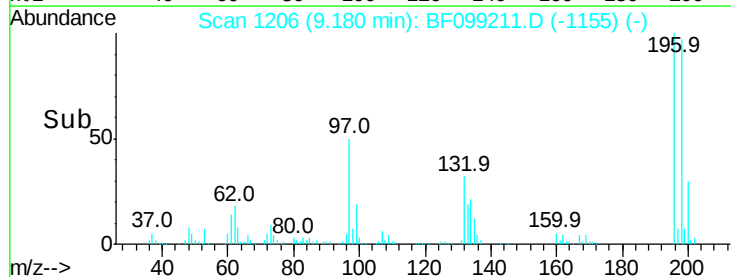
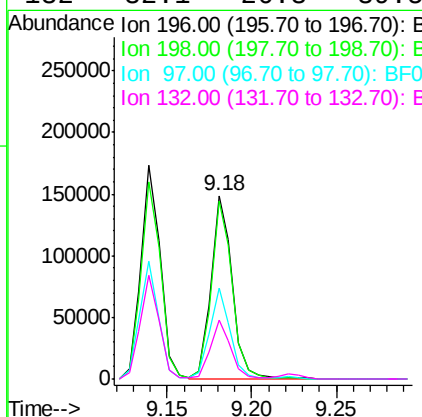
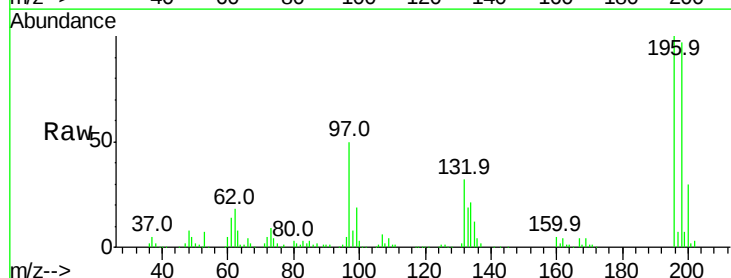
Instrument :
 BNA_F
 ClientSampled :

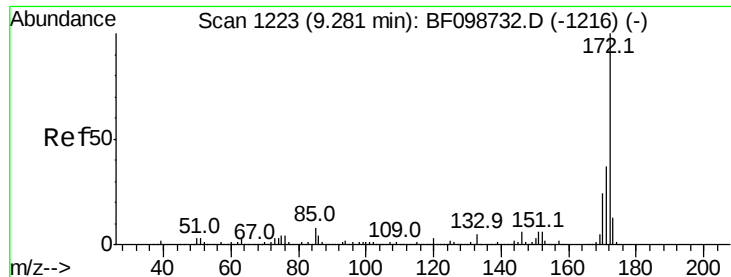
Tot Ion:196 Resp: 136617
 Ion Ratio Lower Upper
 196 100
 198 92.4 75.7 113.5
 200 28.0 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 40.120 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF099211.D
 Acq: 8 Oct 2017 00:06

Tgt Ion:196 Resp: 132197
 Ion Ratio Lower Upper
 196 100
 198 96.9 74.6 112.0
 97 49.9 42.9 64.3
 132 32.1 26.3 39.5

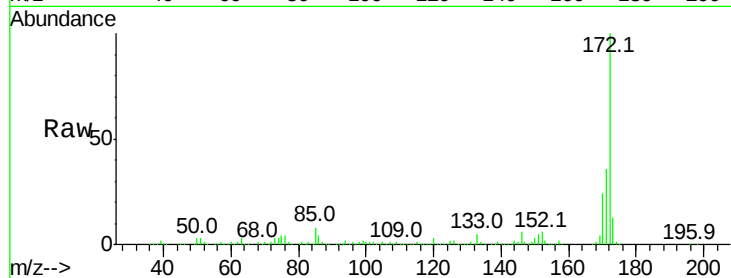




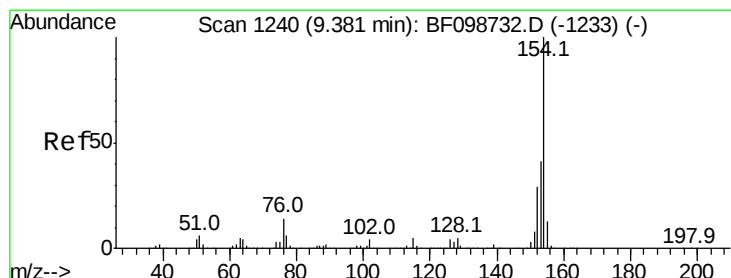
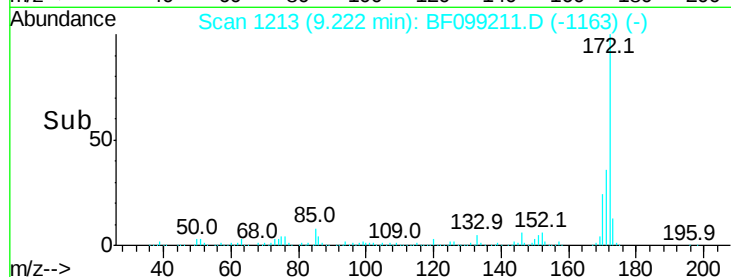
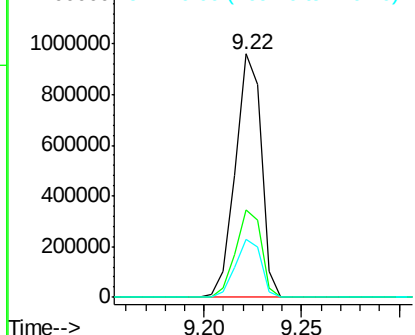
#44
2-Fluorobiphenyl
Concen: 94.478 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 884180
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.6 19.6 29.4

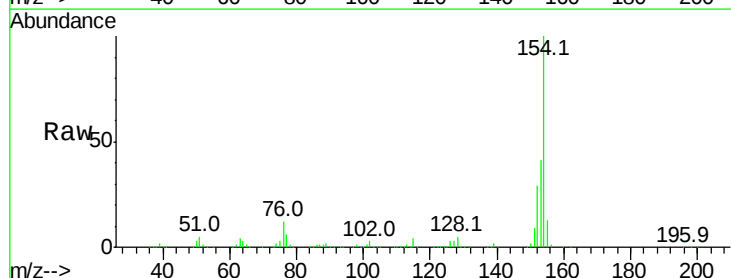


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

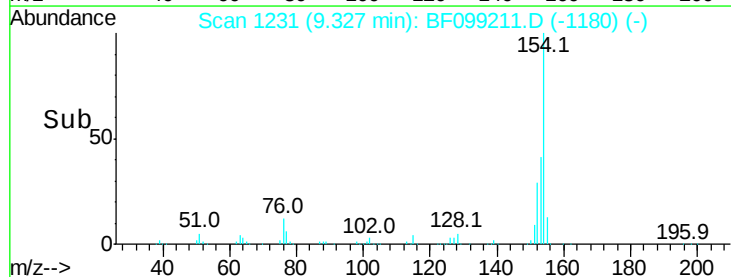
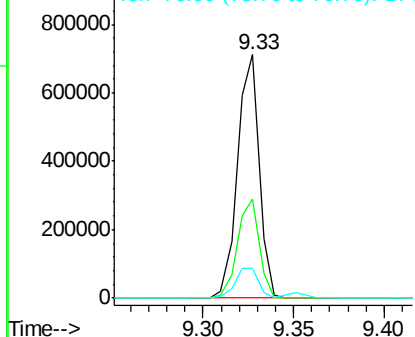


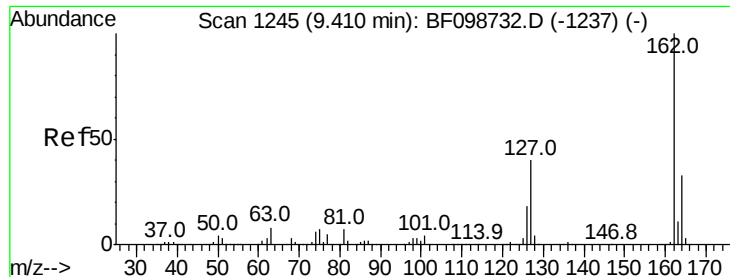
#45
1,1'-Biphenyl
Concen: 44.069 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Tgt Ion:154 Resp: 591736
Ion Ratio Lower Upper
154 100
153 40.6 21.3 61.3
76 12.3 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

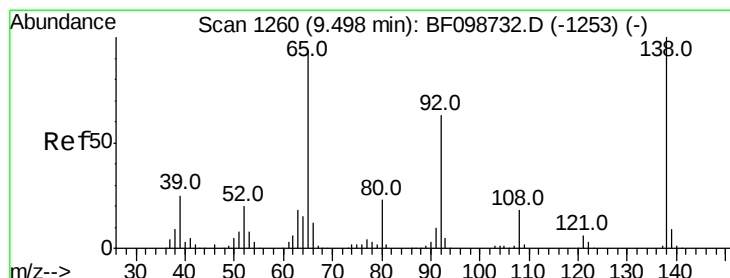
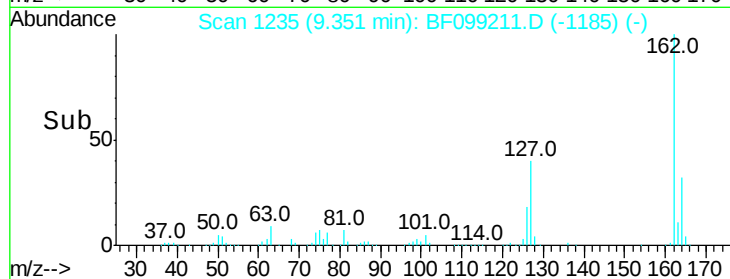
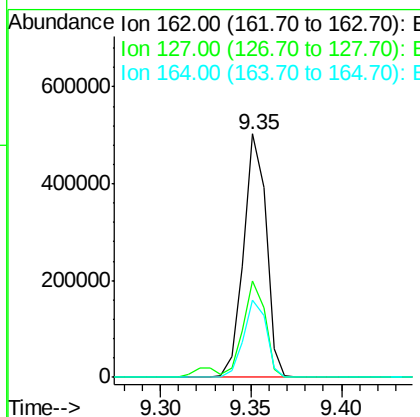
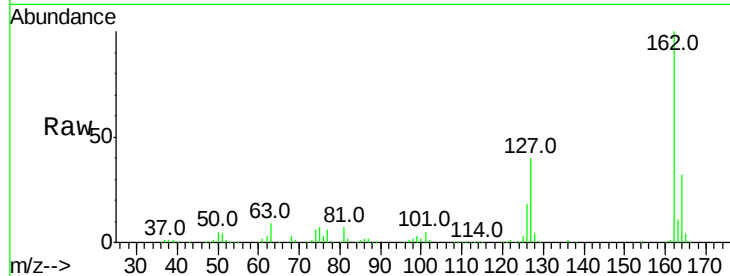




#46
 2-Chloronaphthalene
 Concen: 43.241 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF099211.D
 Acq: 8 Oct 2017 00:06

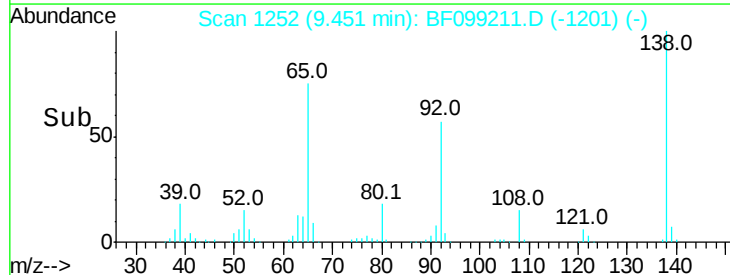
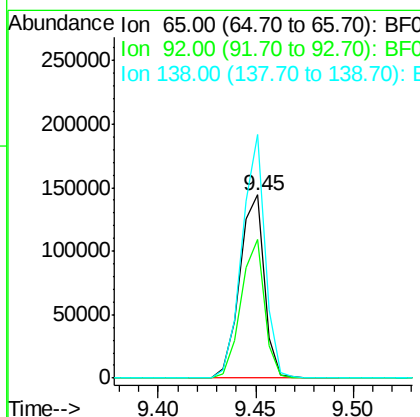
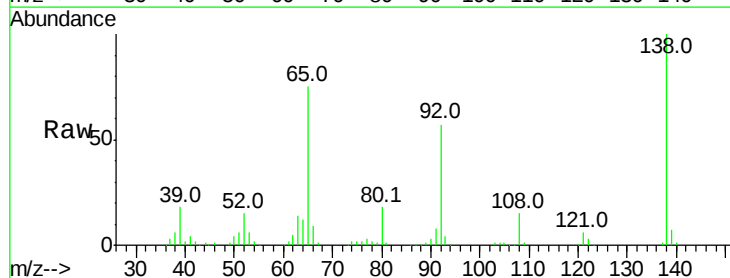
Instrument :
 BNA_F
 ClientSampleId :

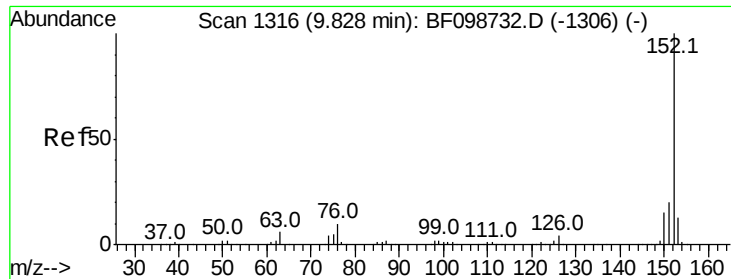
Tot Ion:162 Resp: 435934
 Ion Ratio Lower Upper
 162 100
 127 39.8 33.9 50.9
 164 31.8 26.5 39.7



#47
 2-Nitroaniline
 Concen: 40.981 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF099211.D
 Acq: 8 Oct 2017 00:06

Tgt Ion: 65 Resp: 126507
 Ion Ratio Lower Upper
 65 100
 92 76.0 55.8 83.6
 138 133.0 91.2 136.8





#48

Acenaphthylene

Concen: 40.814 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

Instrument :

BNA_F

ClientSampleId :

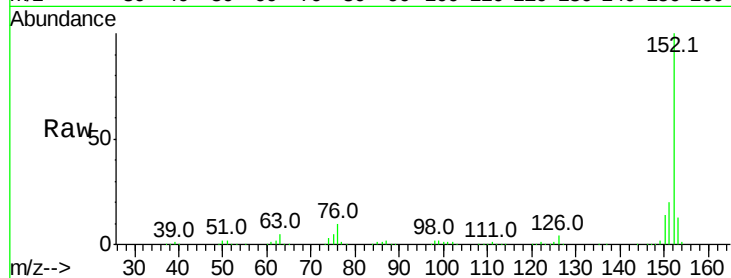
Tot Ion:152 Resp: 629886

Ion Ratio Lower Upper

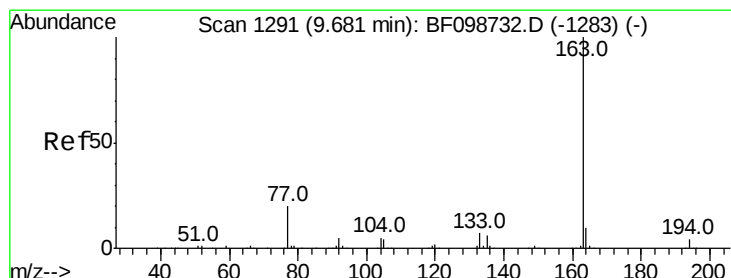
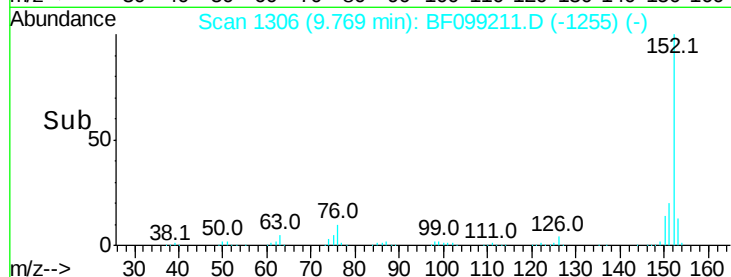
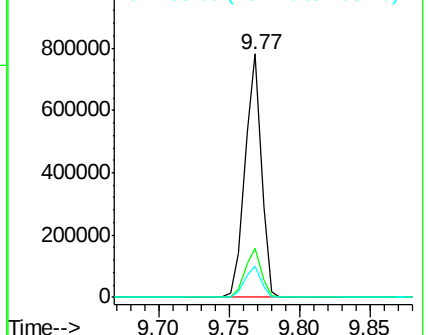
152 100

151 20.4 16.3 24.5

153 12.9 10.7 16.1



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



#49

Dimethylphthalate

Concen: 43.713 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

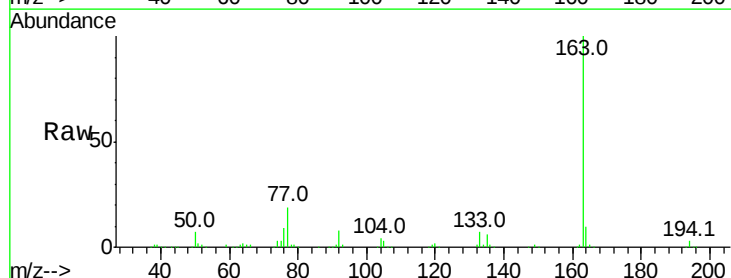
Tgt Ion:163 Resp: 515444

Ion Ratio Lower Upper

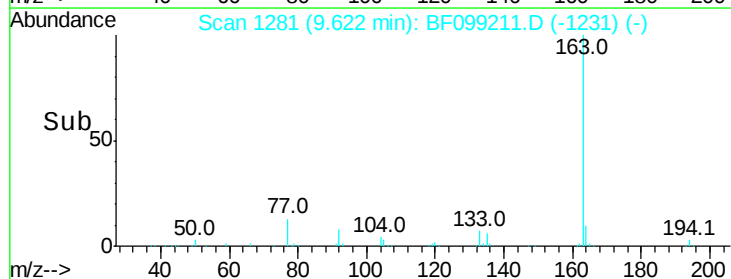
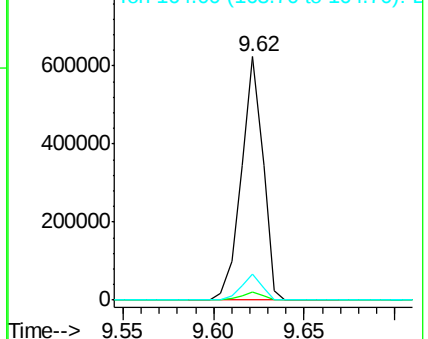
163 100

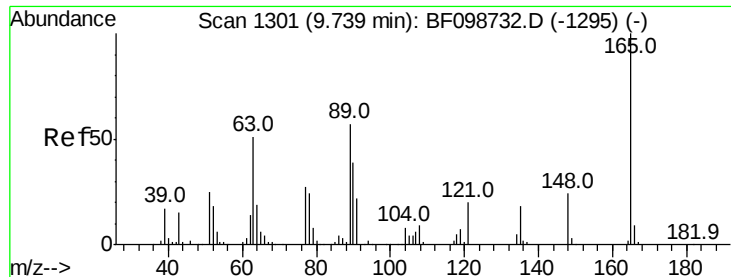
194 3.3 2.7 4.1

164 10.4 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

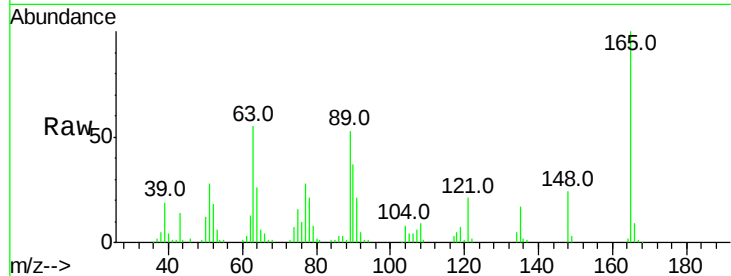




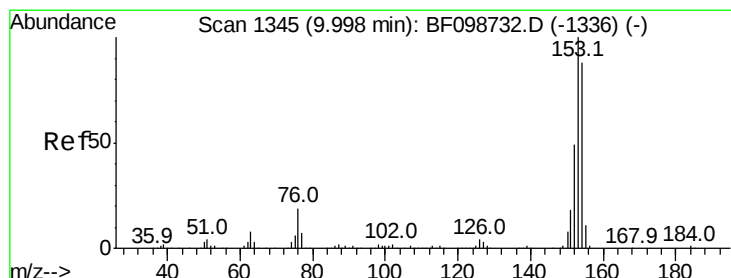
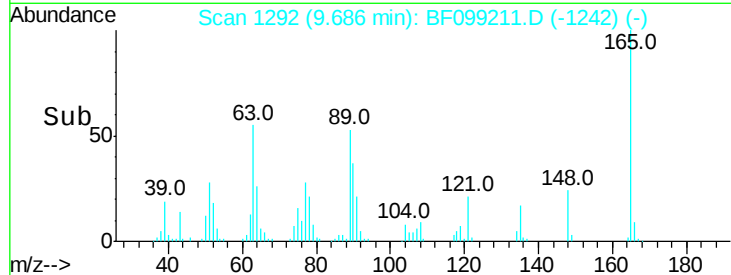
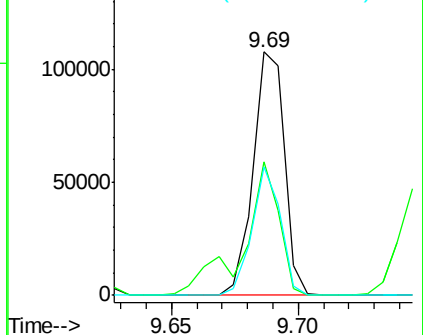
#50
2,6-Dinitrotoluene
Concen: 36.185 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 92891
Ion Ratio Lower Upper
165 100
63 54.8 44.7 67.1
89 52.6 44.0 66.0

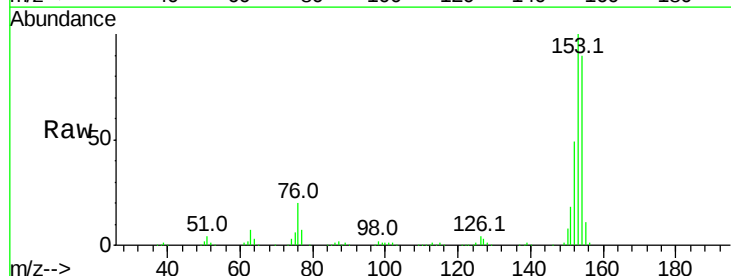


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

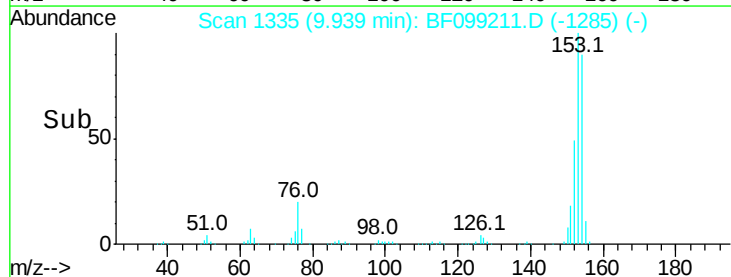
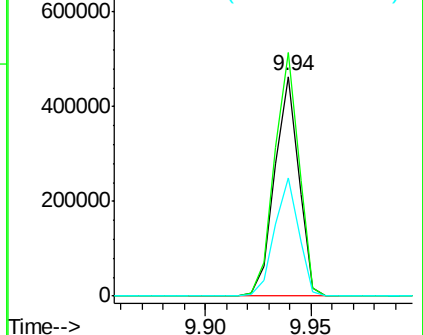


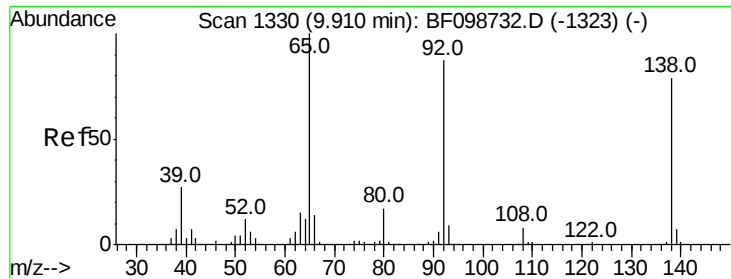
#51
Acenaphthene
Concen: 37.660 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Tgt Ion:154 Resp: 368170
Ion Ratio Lower Upper
154 100
153 111.0 91.2 136.8
152 54.1 43.8 65.8



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

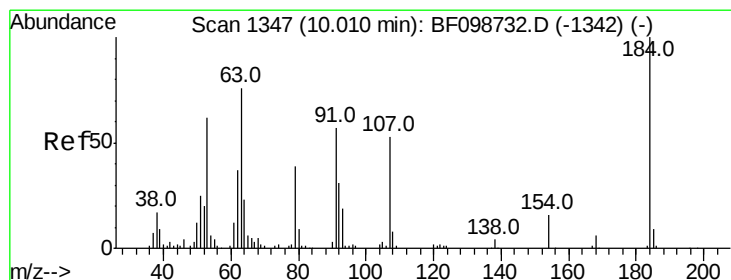
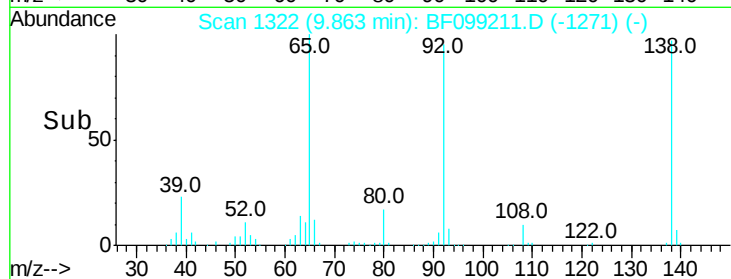
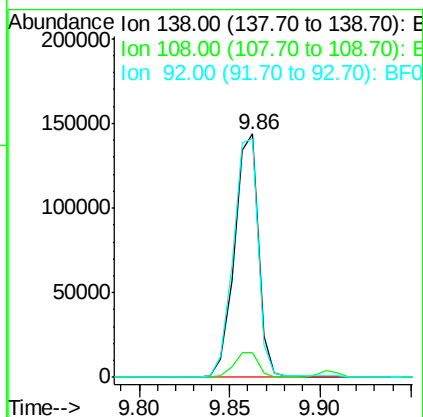
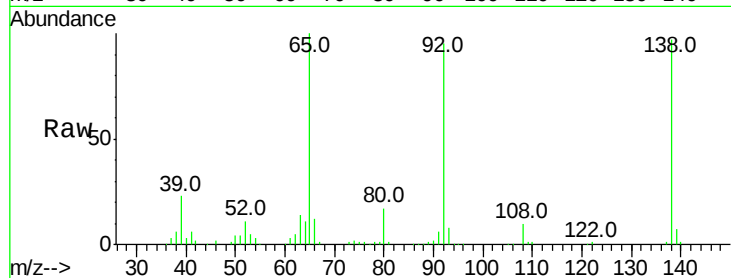




#52
3-Nitroaniline
Concen: 44.306 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

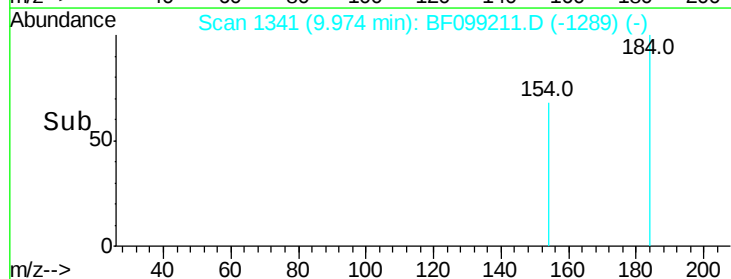
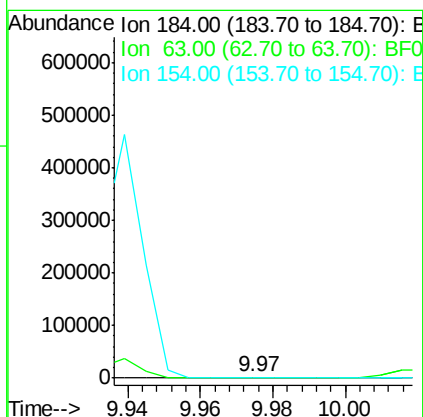
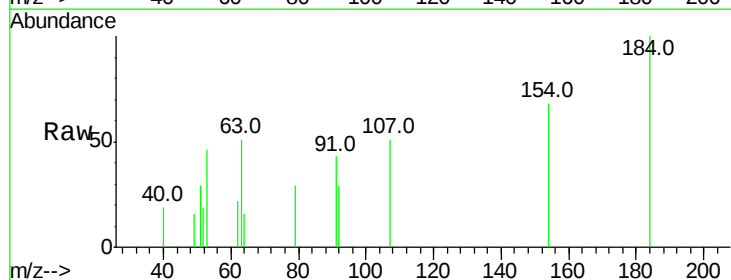
Instrument :
BNA_F
ClientSampleId :

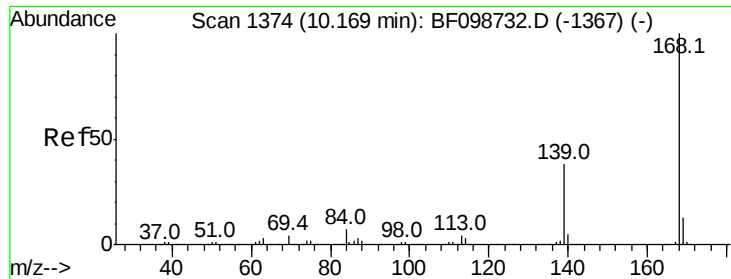
Tot Ion:138 Resp: 132620
Ion Ratio Lower Upper
138 100
108 10.4 9.4 14.0
92 97.9 89.4 134.2



#53
2,4-Dinitrophenol
Concen: 7.077 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Tgt Ion:184 Resp: 1801
Ion Ratio Lower Upper
184 100
63 50.9 54.2 81.2#
154 67.8 53.5 80.3





#54

Dibenzofuran

Concen: 39.950 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

Instrument :

BNA_F

ClientSampleId :

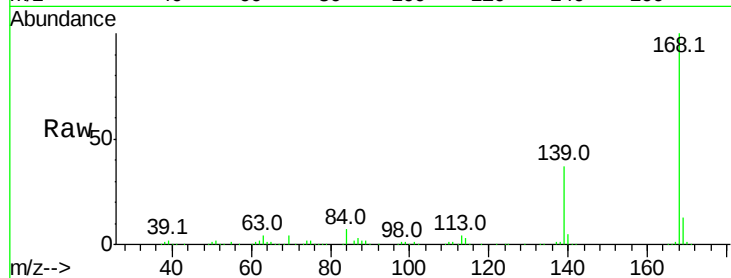
Tot Ion:168 Resp: 520010

Ion Ratio Lower Upper

168 100

139 37.2 30.1 45.1

169 13.2 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

10.11

800000

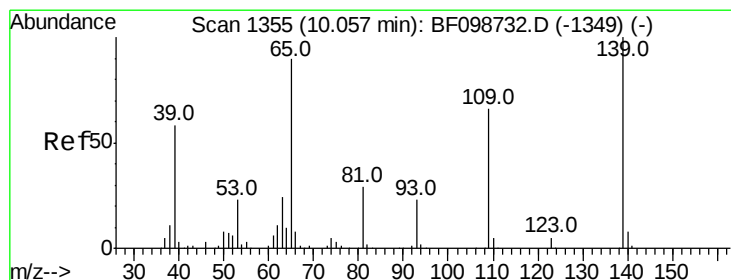
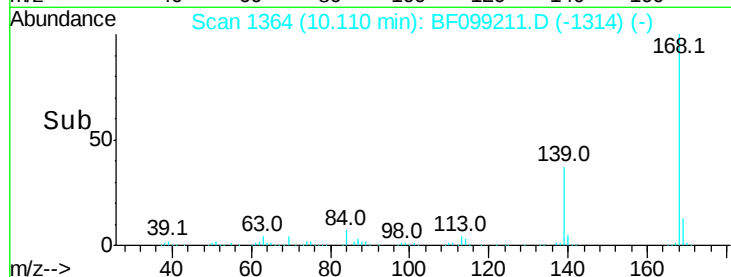
600000

400000

200000

0

Time-->



#55

4-Nitrophenol

Concen: 27.727 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

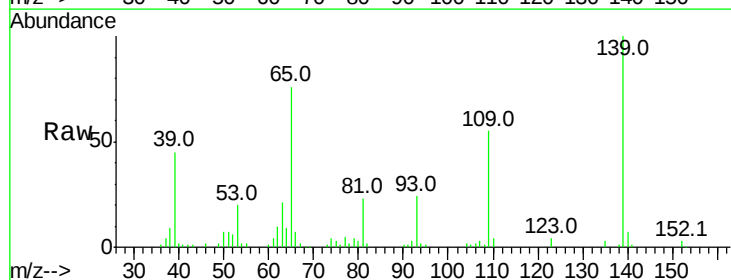
Tgt Ion:139 Resp: 70177

Ion Ratio Lower Upper

139 100

109 55.3 48.4 88.4

65 75.5 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

300000

250000

200000

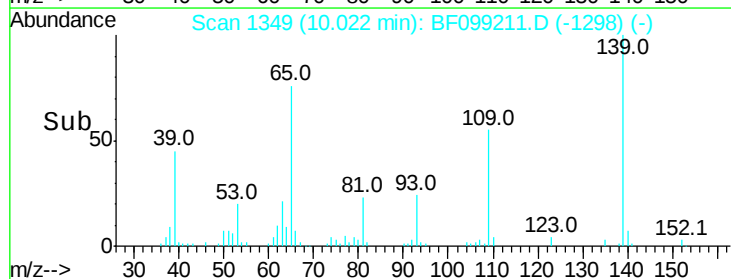
150000

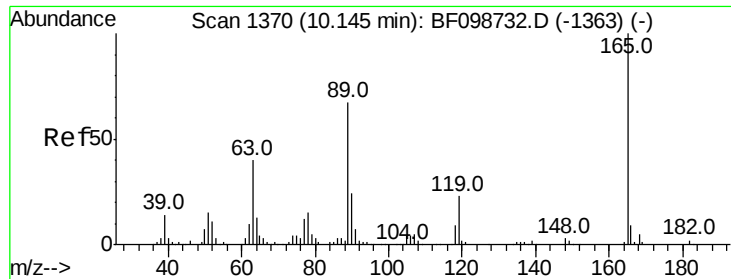
100000

50000

0

Time-->

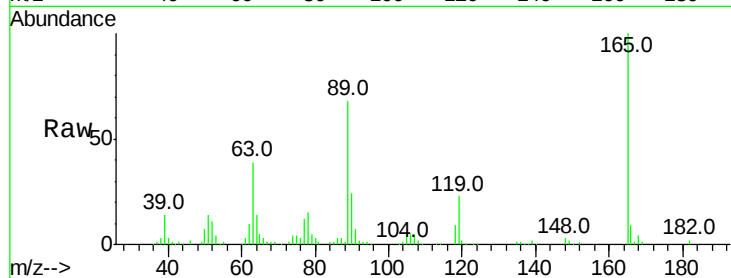




#56
2,4-Dinitrotoluene
Concen: 31.453 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.0	36.4	54.6
89	68.0	57.8	86.6
182	2.3	1.6	2.4

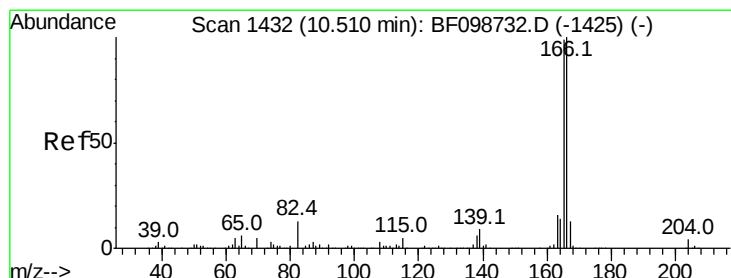
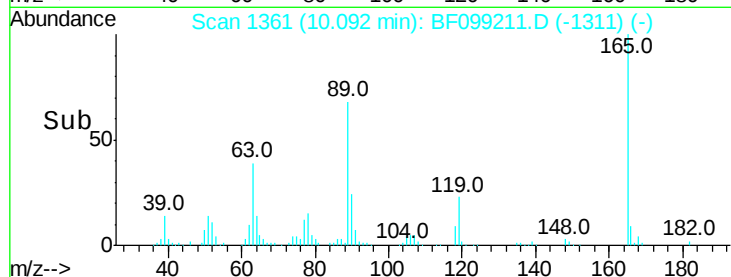
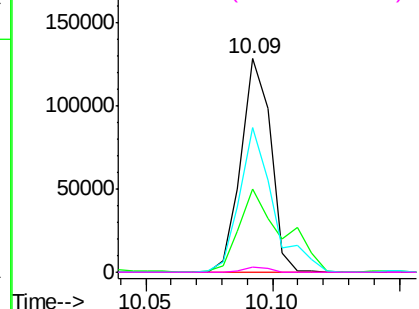


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

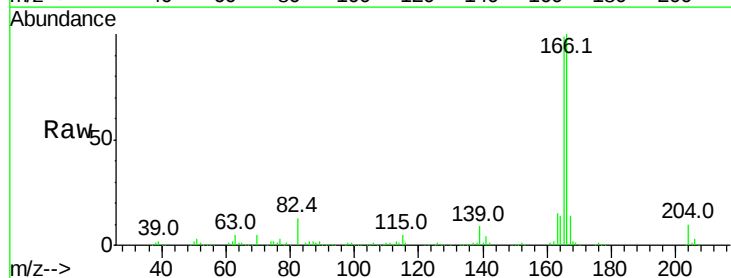
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 39.220 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

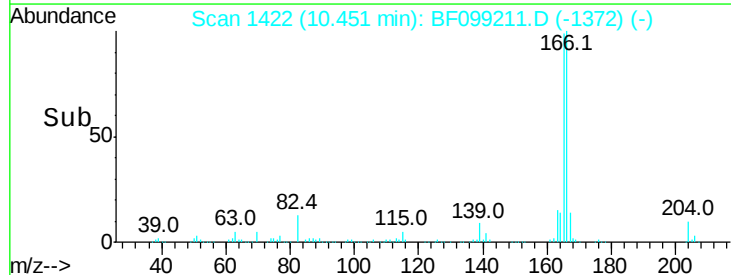
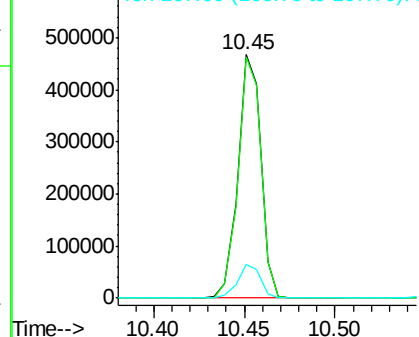
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.8
167	13.6	10.6	16.0

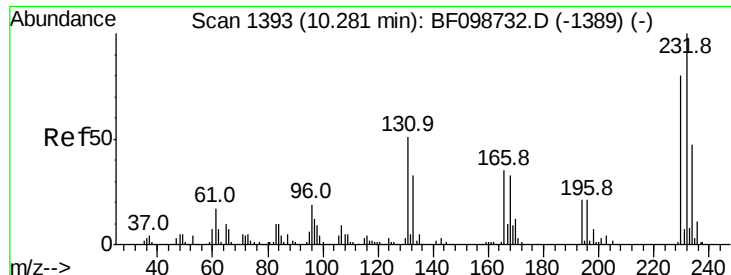


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

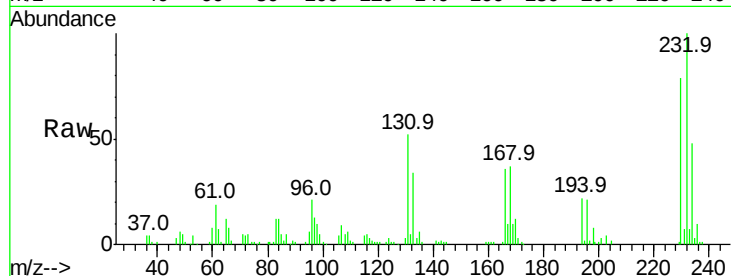




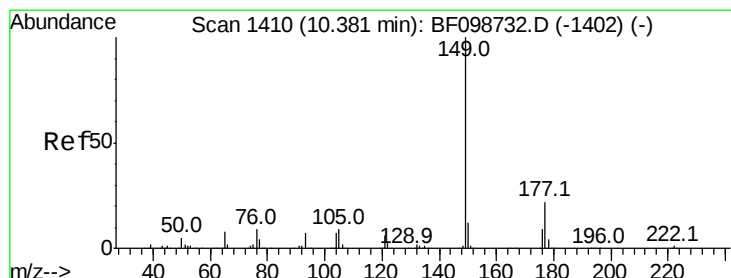
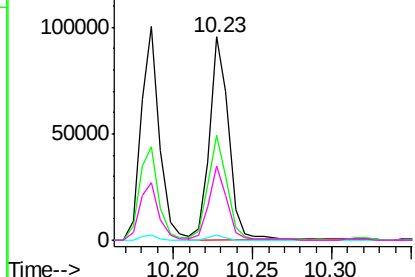
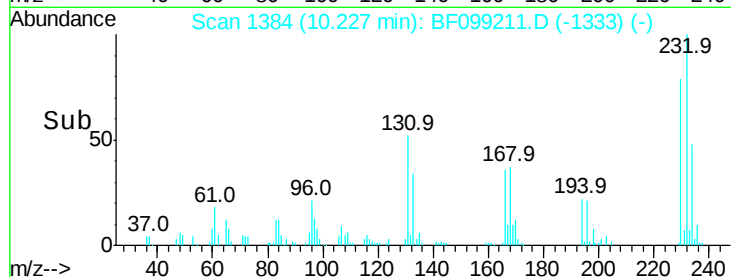
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.714 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BF099211.D
 Acq: 8 Oct 2017 00:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 81293
 Ion Ratio Lower Upper
 232 100
 131 52.3 43.8 65.8
 130 2.4 2.1 3.1
 166 35.0 27.8 41.6

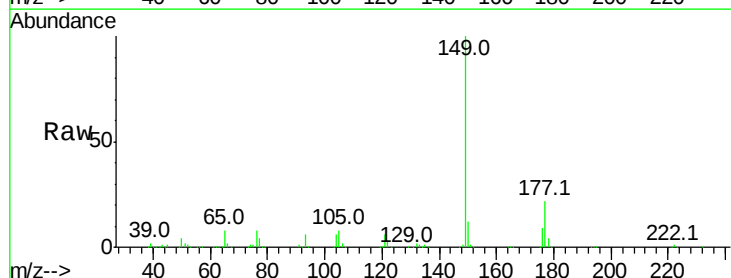


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

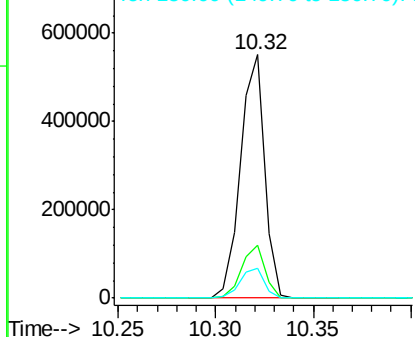
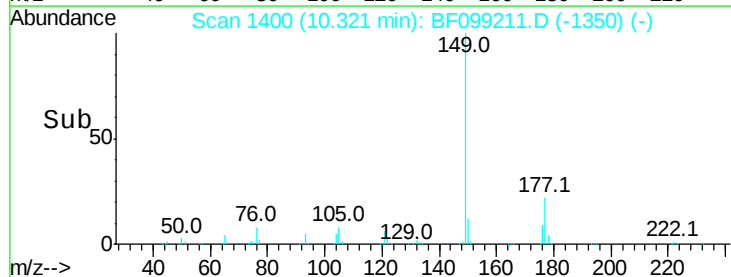


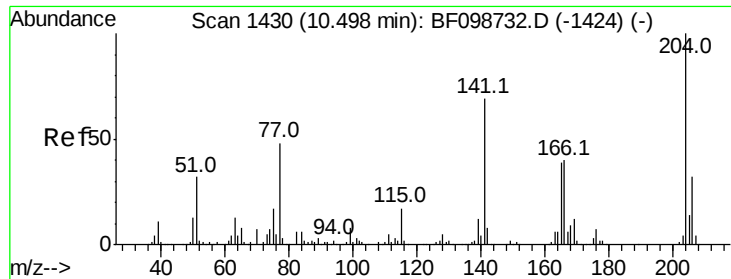
#59
 Diethylphthalate
 Concen: 40.826 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF099211.D
 Acq: 8 Oct 2017 00:06

Tgt Ion:149 Resp: 470405
 Ion Ratio Lower Upper
 149 100
 177 21.8 16.1 24.1
 150 12.3 10.1 15.1



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

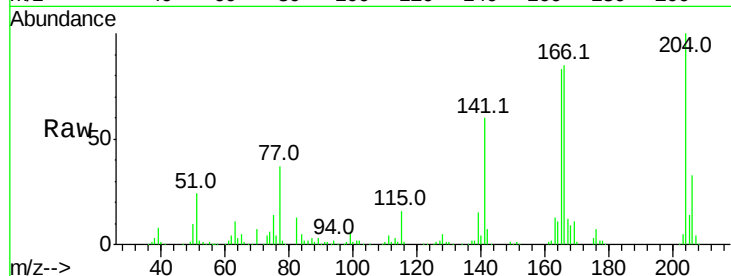




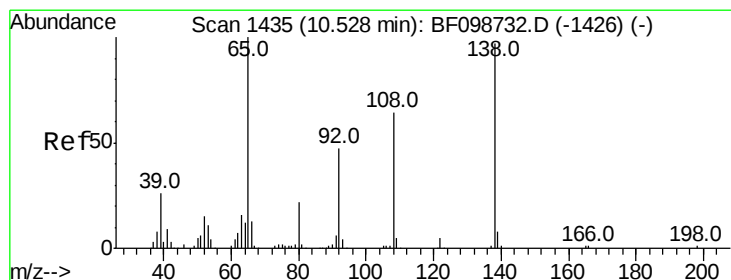
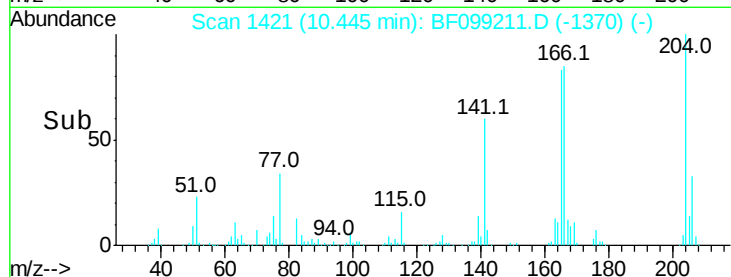
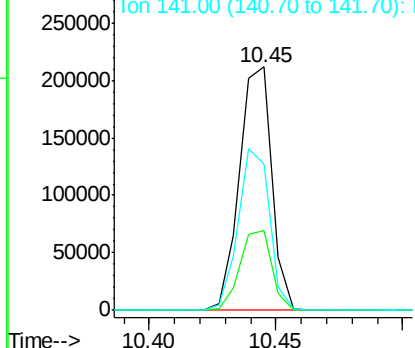
#60
4-Chlorophenyl-phenylether
Concen: 39.985 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 187913
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 59.9 54.6 81.8

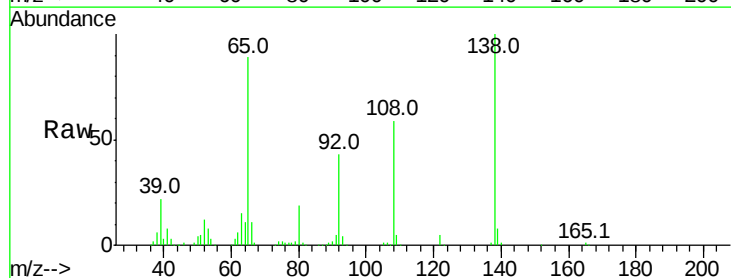


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

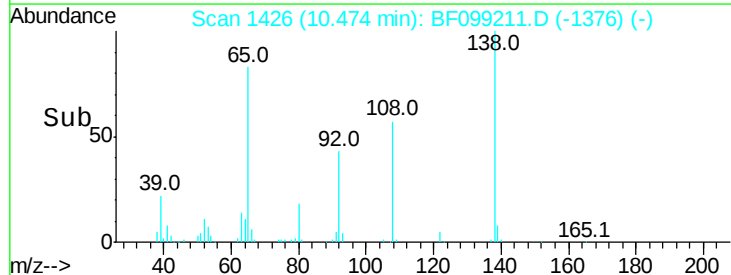
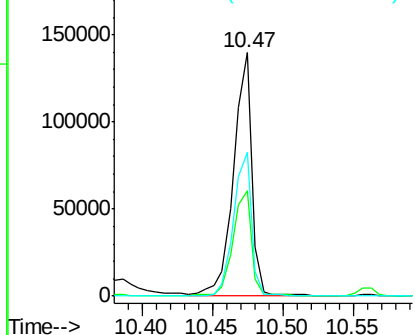


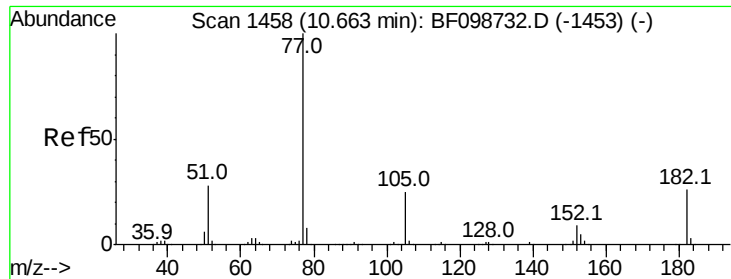
#61
4-Nitroaniline
Concen: 43.666 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Tgt Ion:138 Resp: 126099
Ion Ratio Lower Upper
138 100
92 43.4 30.2 70.2
108 59.0 52.5 92.5



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





#62

Azobenzene

Concen: 34.134 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 361624

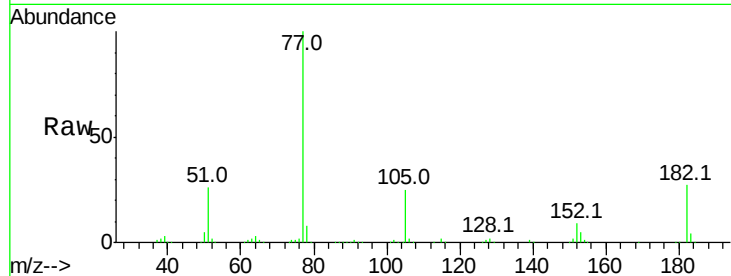
Ion Ratio Lower Upper

77 100

182 27.4 1.7 41.7

105 25.3 3.0 43.0

51 26.1 9.9 49.9

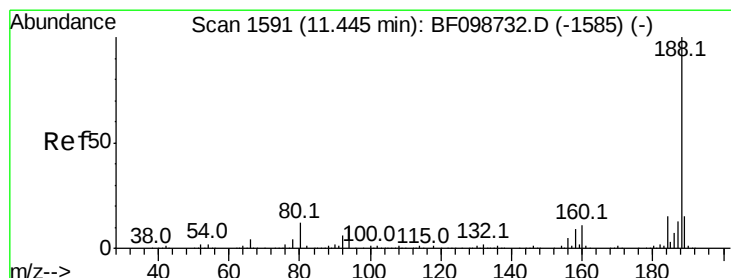
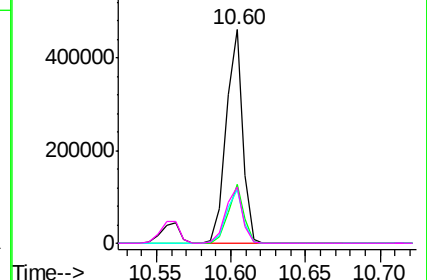
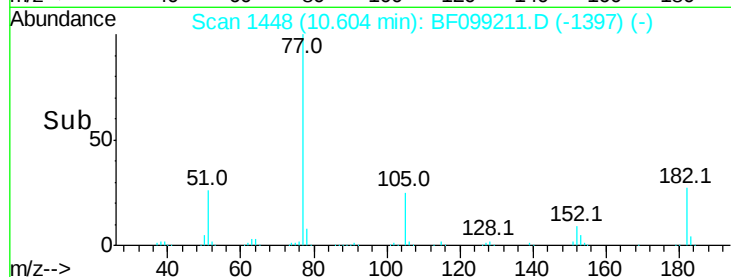


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

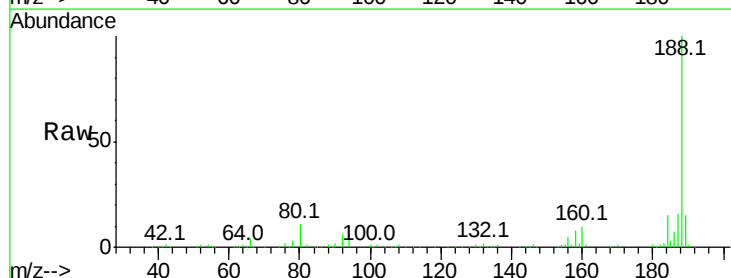
Tgt Ion: 188 Resp: 238709

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

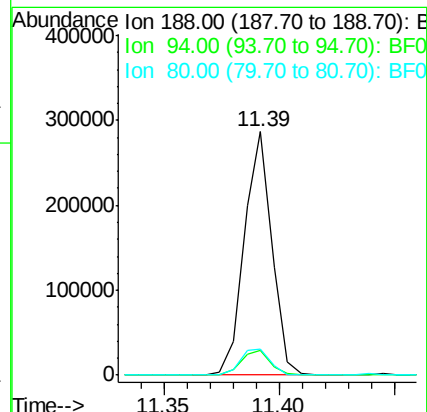
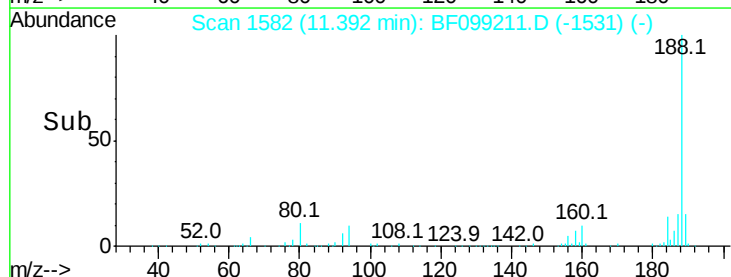
80 10.9 9.2 13.8

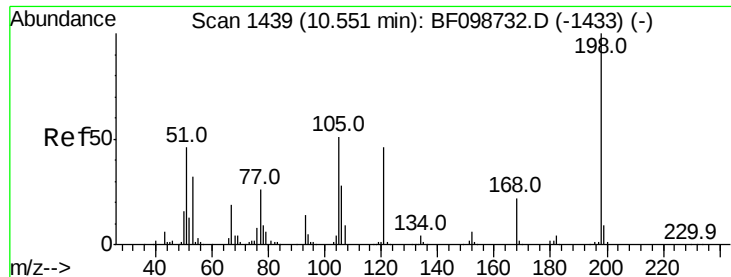


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

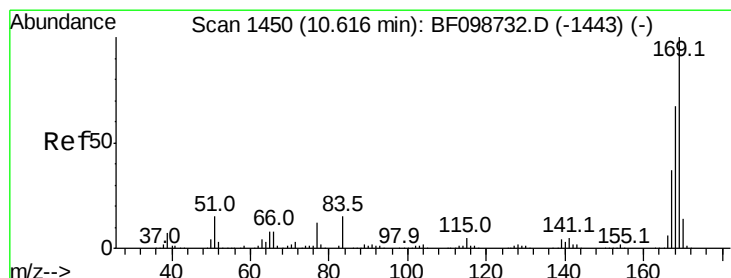
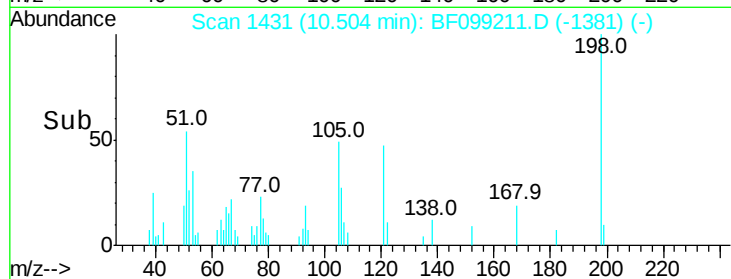
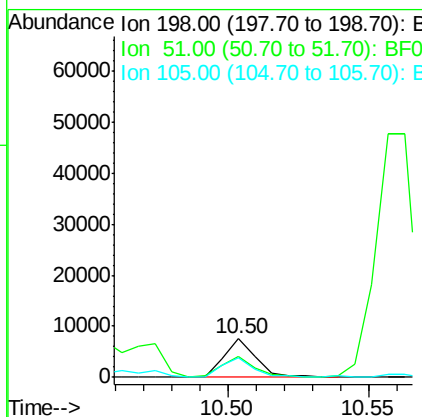
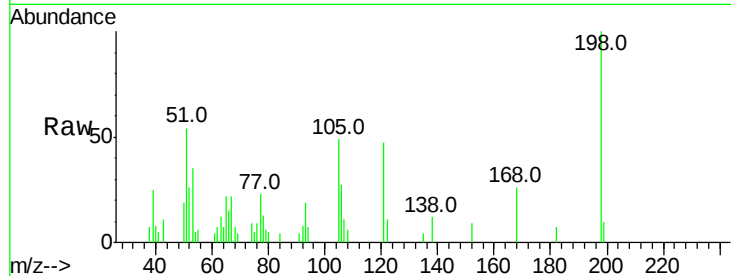




#64
4,6-Dinitro-2-methylphenol
Concen: 4.113 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

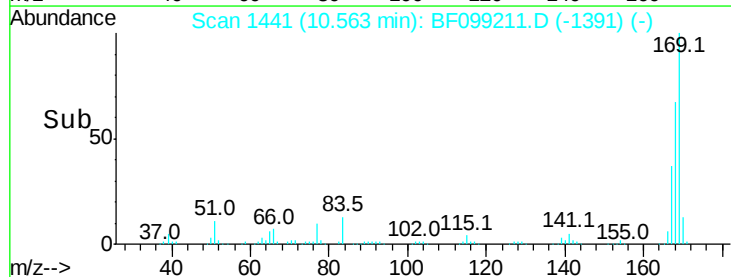
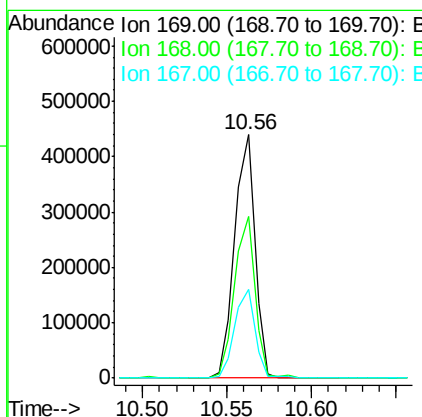
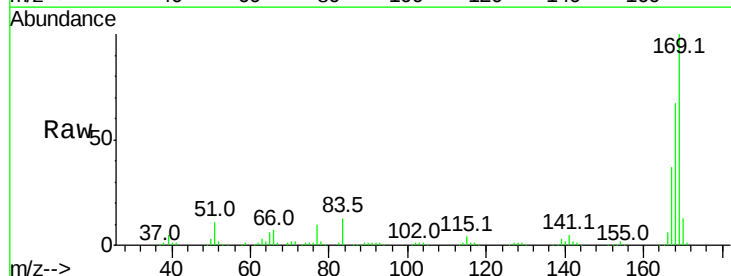
Instrument :
BNA_F
ClientSampleId :

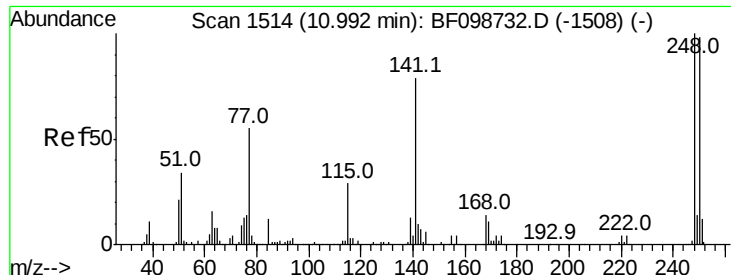
Tot Ion:198 Resp: 5974
Ion Ratio Lower Upper
198 100
51 54.4 37.7 77.7
105 49.0 36.3 76.3



#65
n-Nitrosodiphenylamine
Concen: 44.722 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Tgt Ion:169 Resp: 369833
Ion Ratio Lower Upper
169 100
168 66.6 54.4 81.6
167 36.7 29.8 44.6

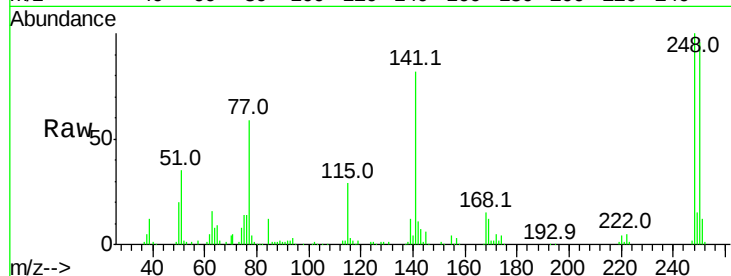




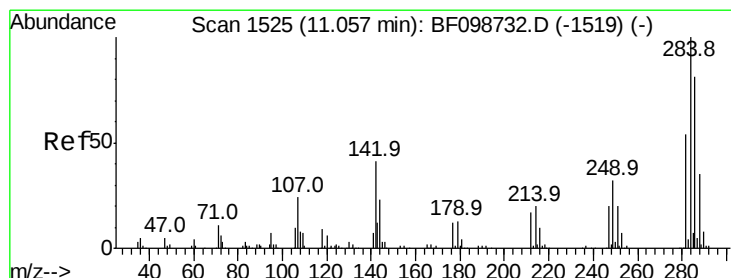
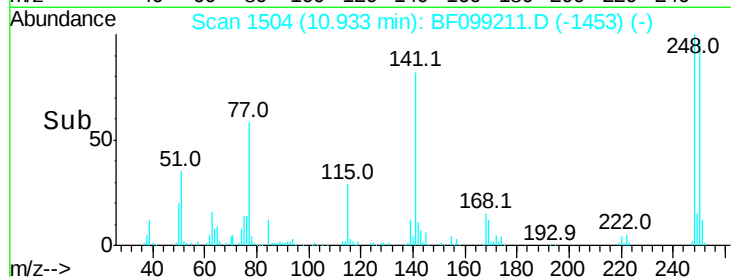
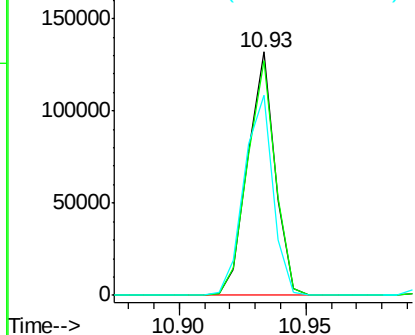
#66
4-Bromophenyl-phenylether
Concen: 42.394 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 99056
Ion Ratio Lower Upper
248 100
250 96.4 76.9 115.3
141 82.4 74.4 111.6

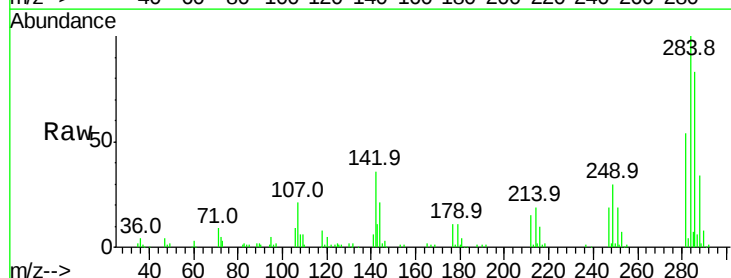


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

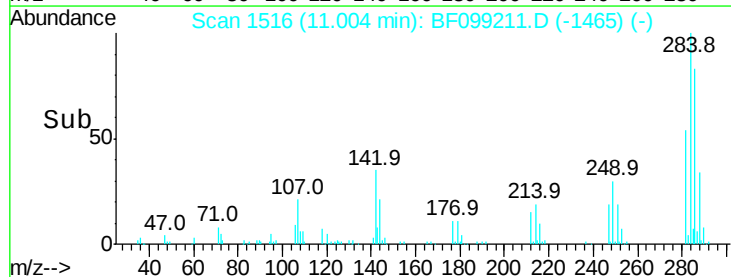
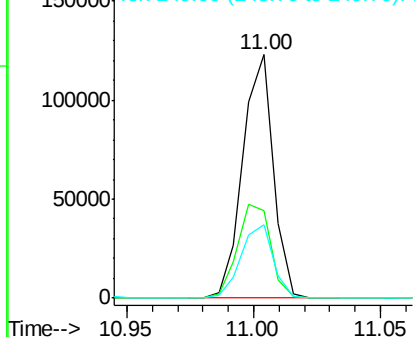


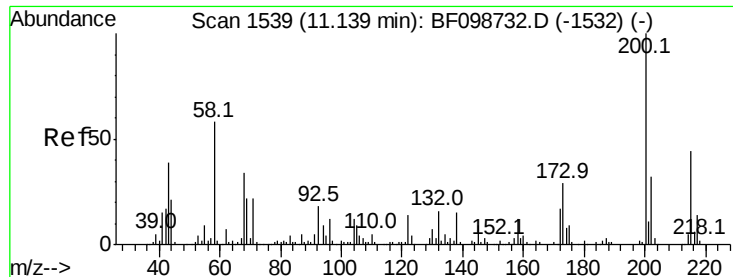
#67
Hexachlorobenzene
Concen: 41.412 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Tgt Ion:284 Resp: 103347
Ion Ratio Lower Upper
284 100
142 35.8 34.6 52.0
249 30.3 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

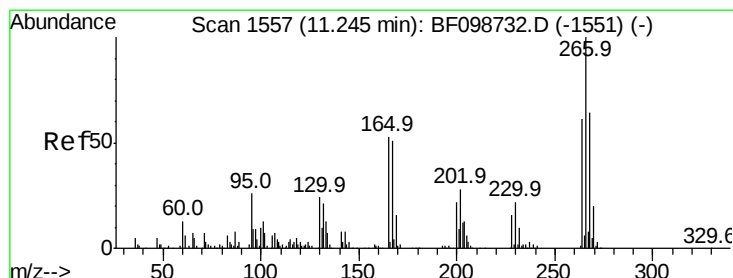
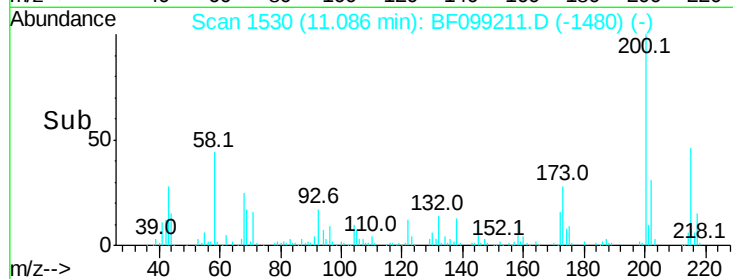
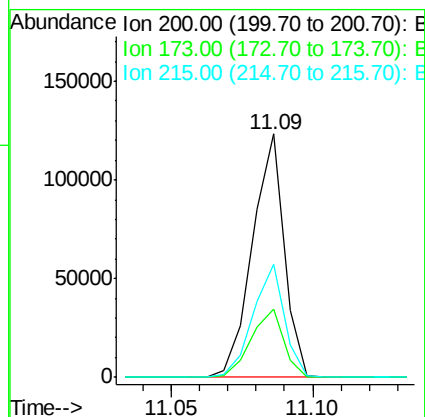
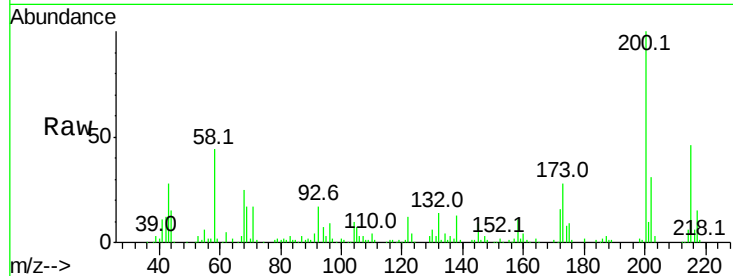




#68
Atrazine
Concen: 38.662 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

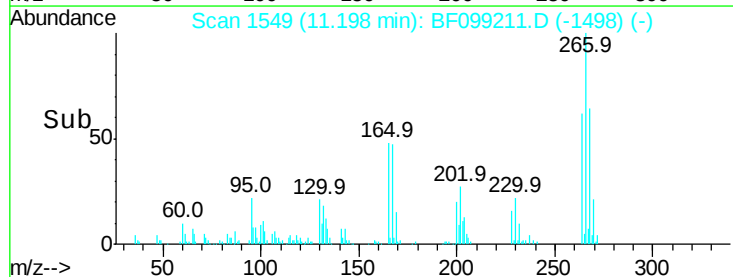
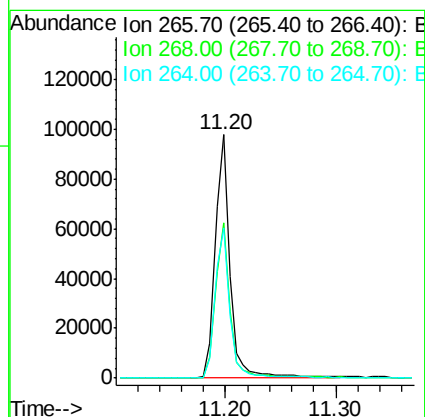
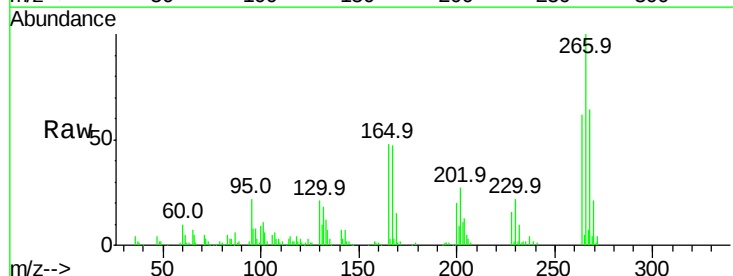
Instrument :
BNA_F
ClientSampleId :

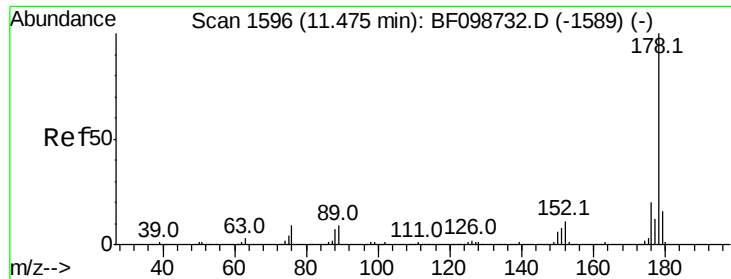
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	8.6	48.6
215	46.5	25.1	65.1



#69
Pentachlorophenol
Concen: 58.156 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	61.9	49.5	74.3





#70

Phenanthrene

Concen: 41.403 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

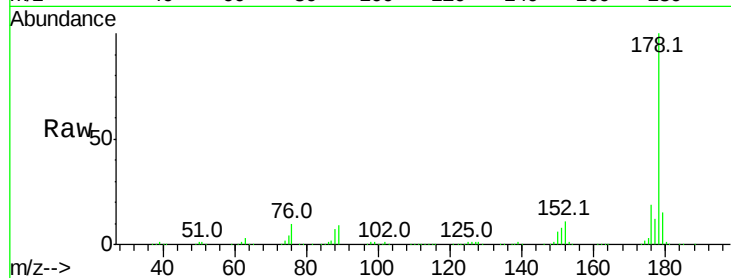
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 529020

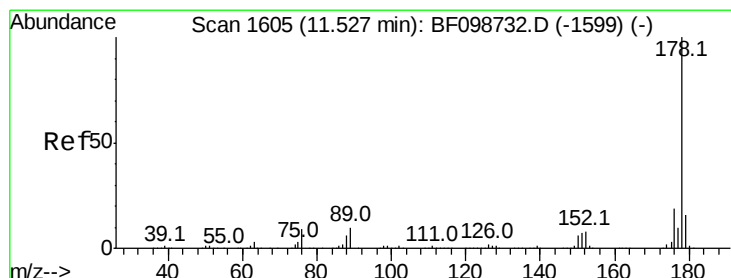
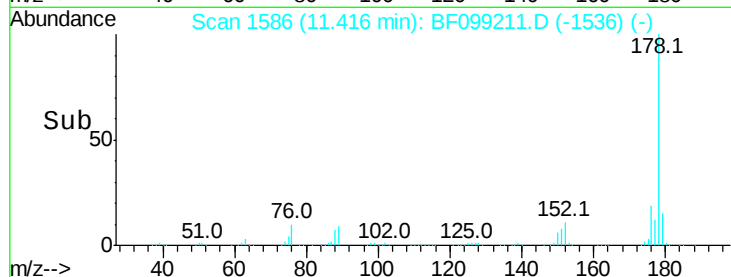
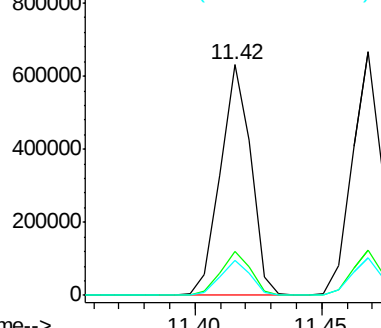
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	14.9	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 41.036 ng

RT: 11.47 min Scan# 1595

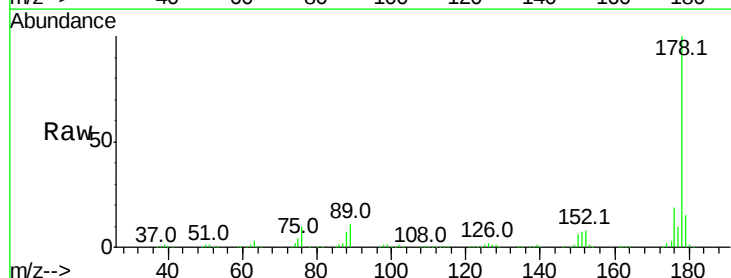
Delta R.T. -0.00 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

Tgt Ion:178 Resp: 536496

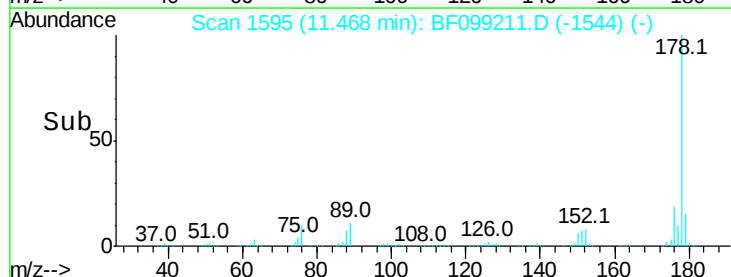
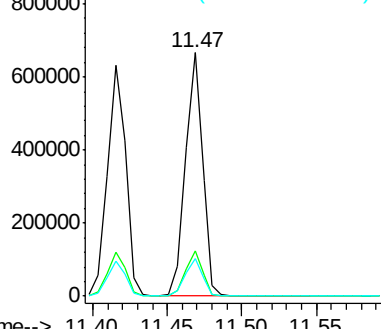
Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.2	12.6	19.0

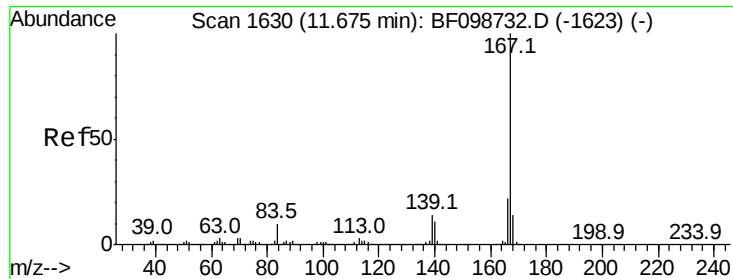


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 41.334 ng

RT: 11.62 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

Instrument :

BNA_F

ClientSampleId :

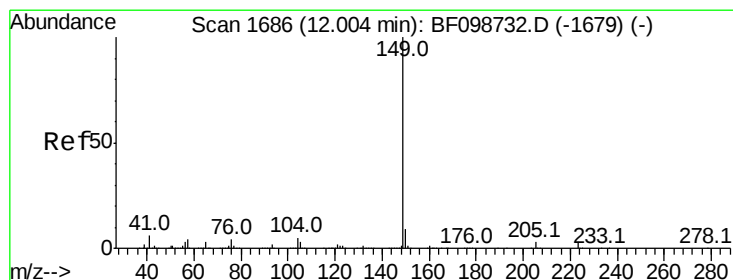
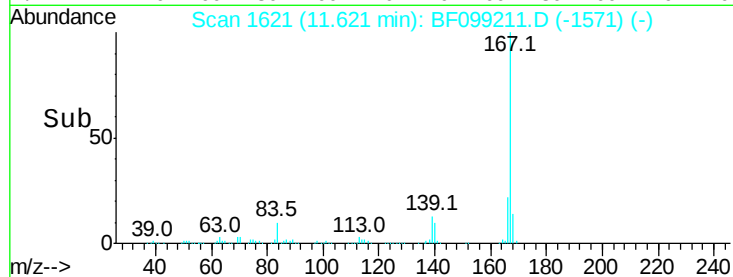
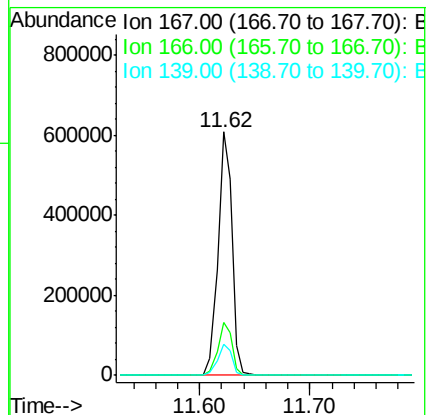
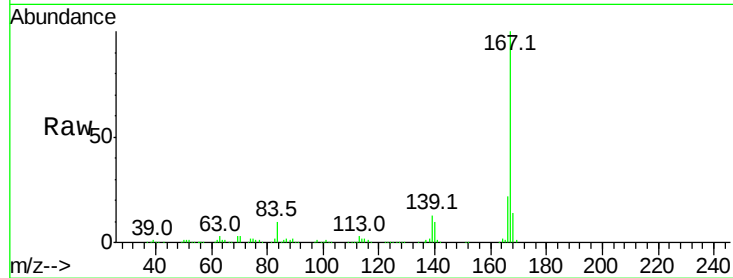
Tot Ion:167 Resp: 529191

Ion Ratio Lower Upper

167 100

166 21.5 17.6 26.4

139 12.9 10.9 16.3



#73

Di-n-butylphthalate

Concen: 41.617 ng

RT: 11.94 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

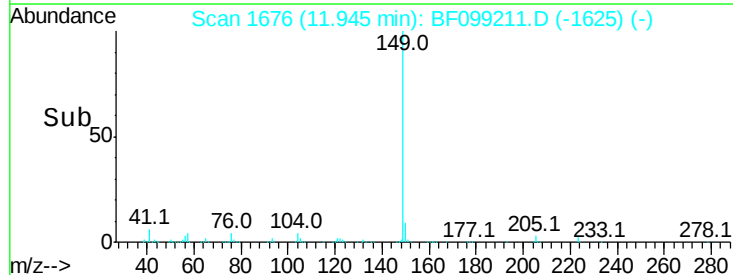
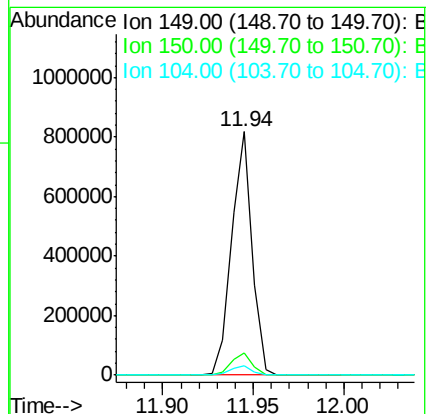
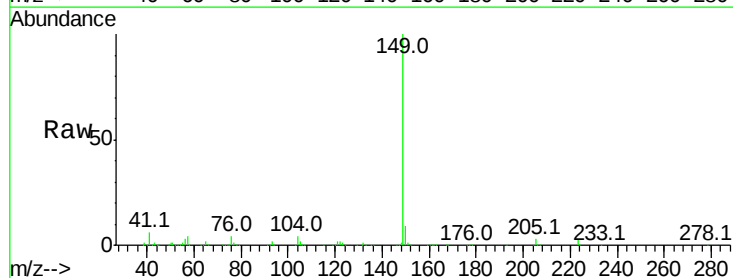
Tgt Ion:149 Resp: 641334

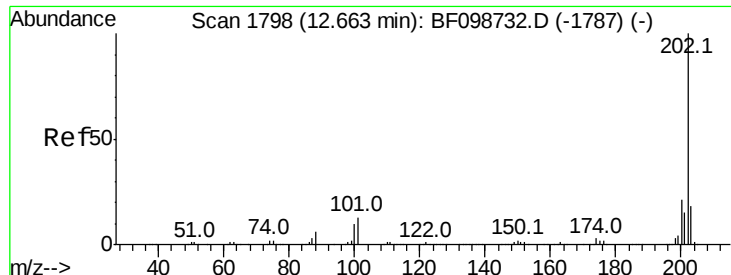
Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

104 4.0 3.8 5.8

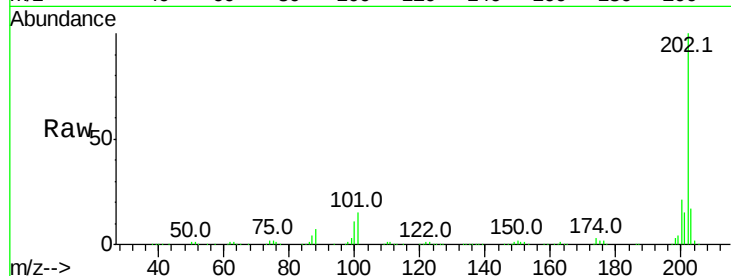




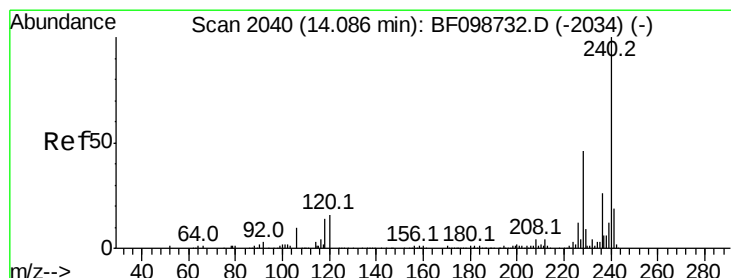
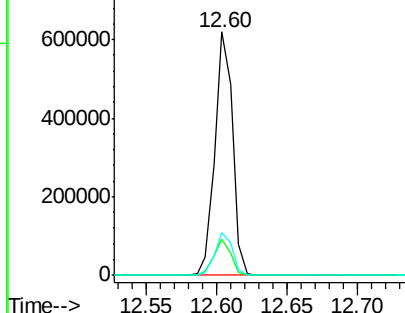
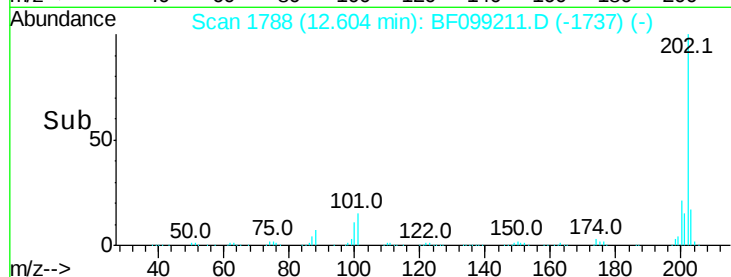
#74
Fluoranthene
Concen: 41.630 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 538630
Ion Ratio Lower Upper
202 100
101 14.8 0.0 34.1
203 17.5 0.0 38.1

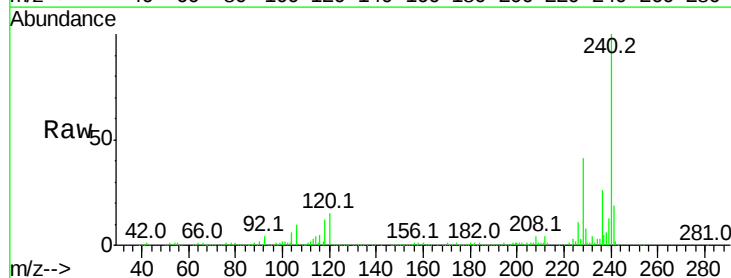


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

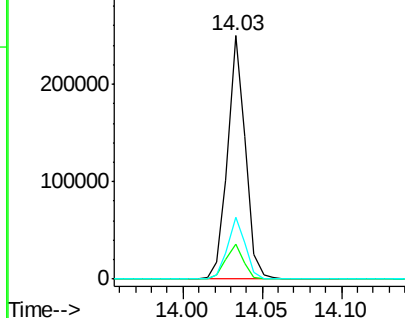
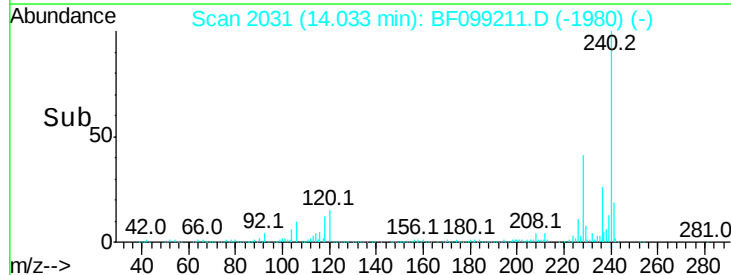


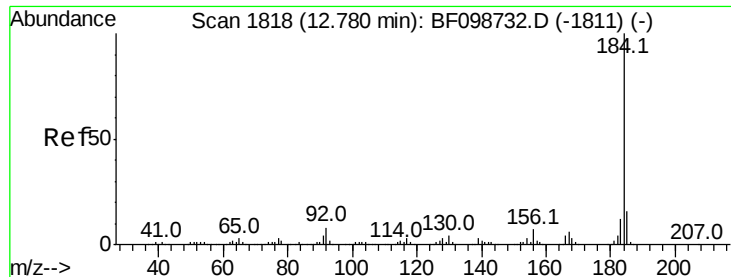
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Tgt Ion:240 Resp: 193981
Ion Ratio Lower Upper
240 100
120 14.5 9.5 14.3#
236 25.6 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

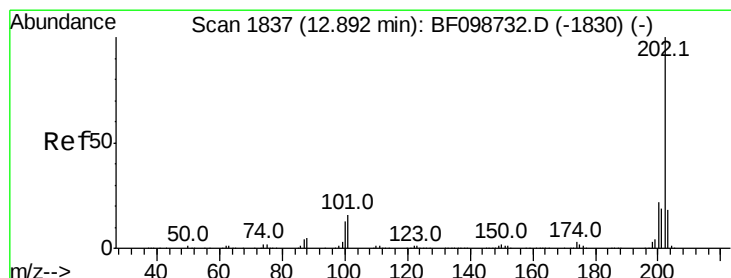
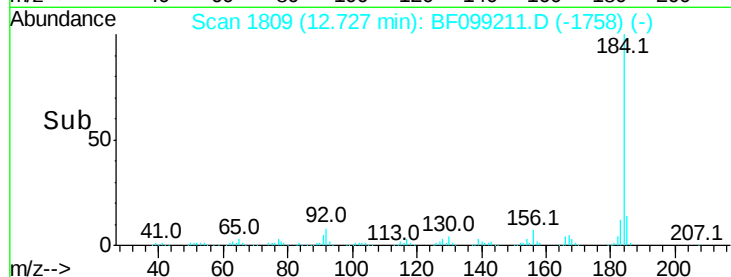
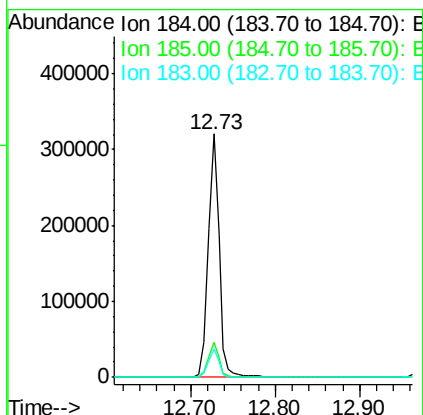
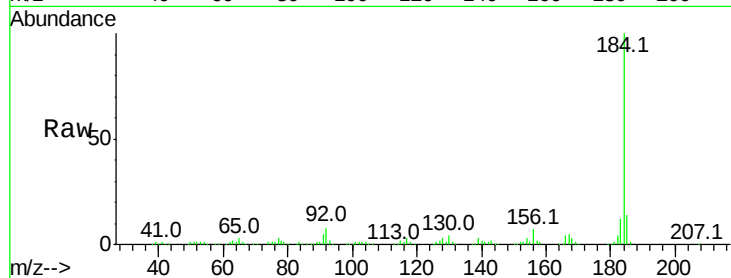




#76
Benzidine
Concen: 40.953 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.00 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

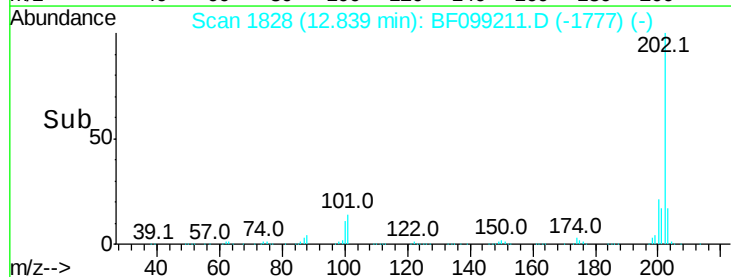
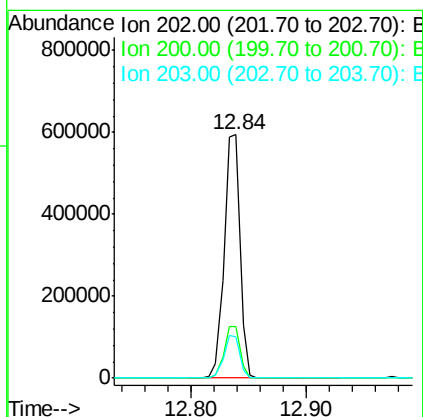
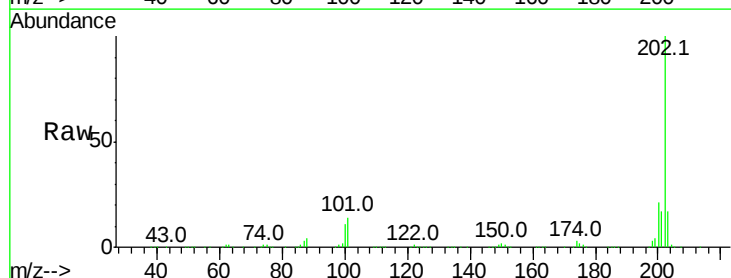
Instrument :
BNA_F
ClientSampleId :

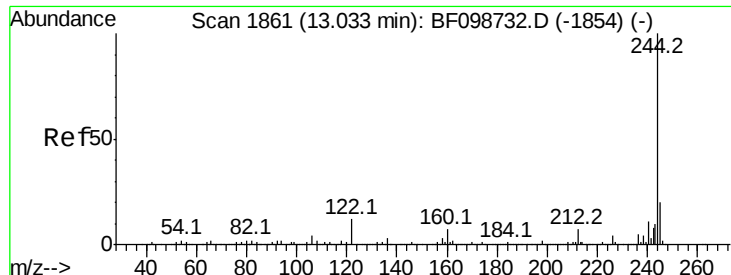
Tot Ion:184 Resp: 293825
Ion Ratio Lower Upper
184 100
185 14.3 12.6 18.8
183 11.5 9.3 13.9



#77
Pyrene
Concen: 38.403 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Tgt Ion:202 Resp: 568049
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.1 14.3 21.5





#78

Terphenyl-d14

Concen: 79.731 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

Instrument :

BNA_F

ClientSampleId :

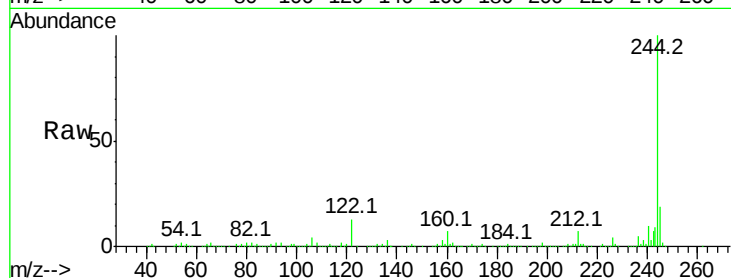
Tot Ion:244 Resp: 680080

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

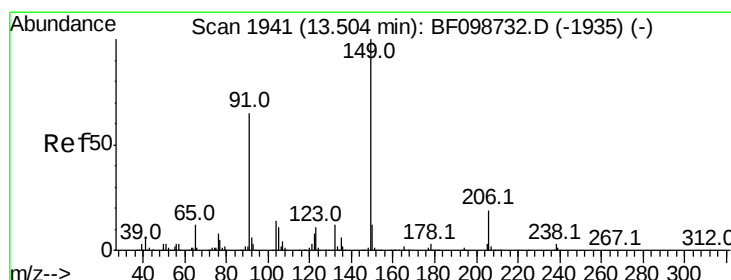
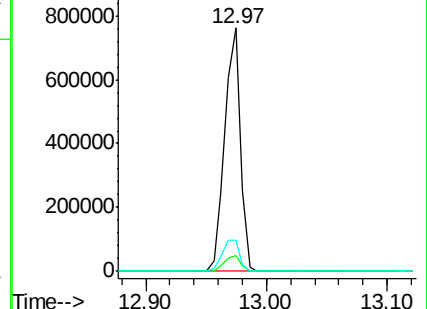
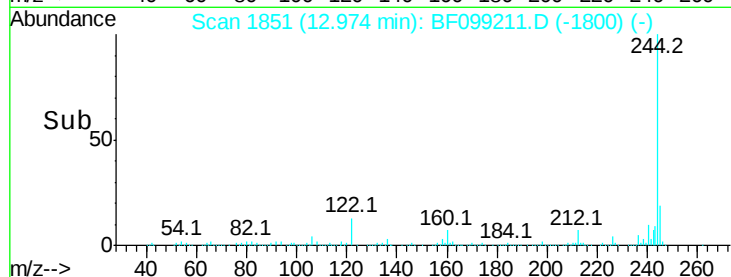
122 12.9 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 38.899 ng

RT: 13.44 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

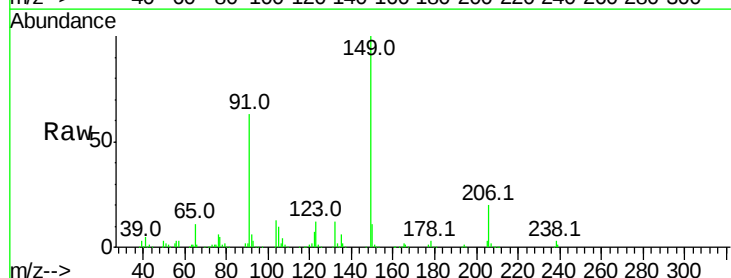
Tgt Ion:149 Resp: 270418

Ion Ratio Lower Upper

149 100

91 62.7 56.8 85.2

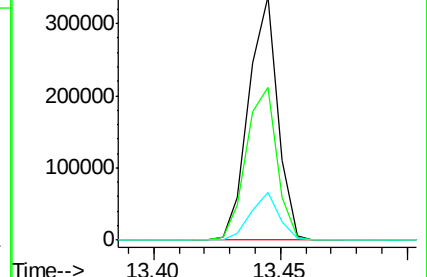
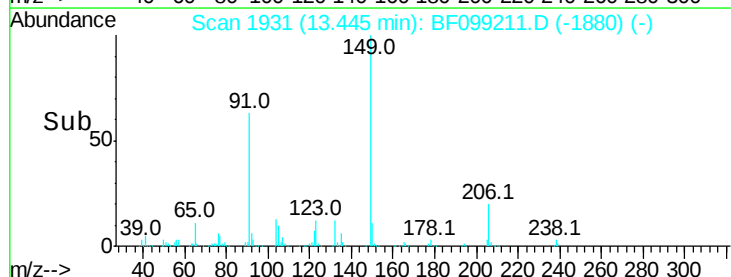
206 19.7 14.1 21.1

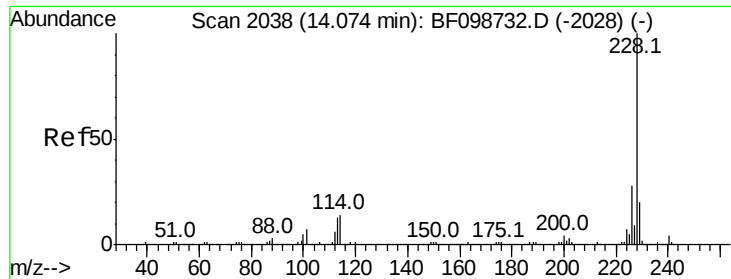


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 39.892 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

Instrument :

BNA_F

ClientSampleId :

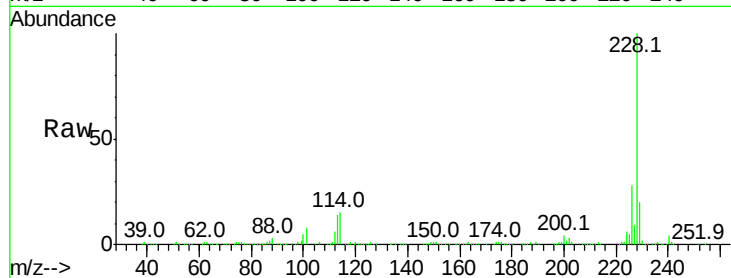
Tot Ion:228 Resp: 468575

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

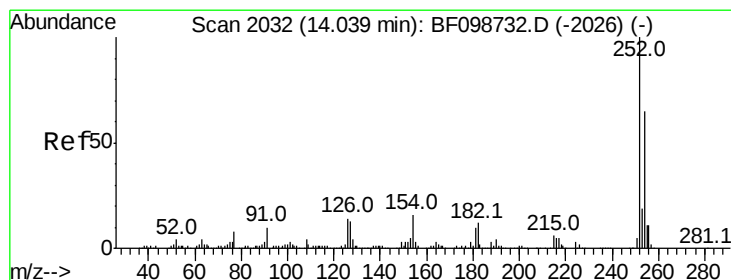
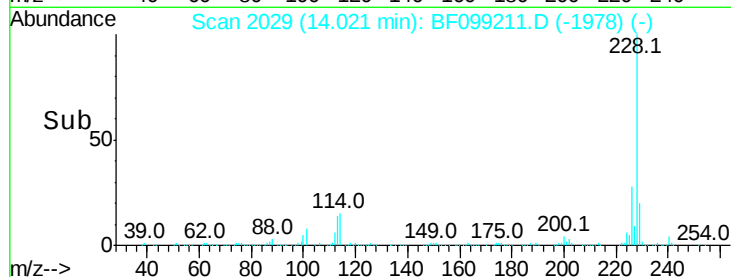
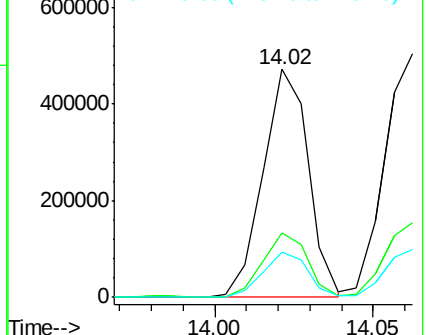
229 19.7 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 44.798 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

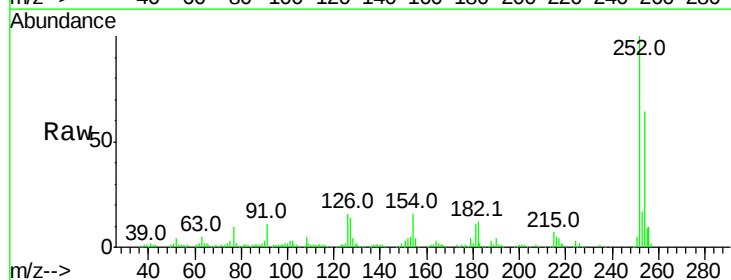
Tgt Ion:252 Resp: 192900

Ion Ratio Lower Upper

252 100

254 64.2 50.4 75.6

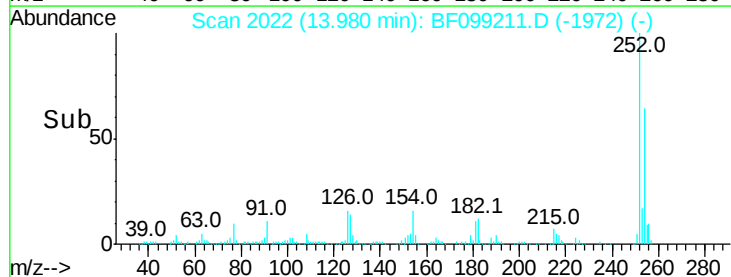
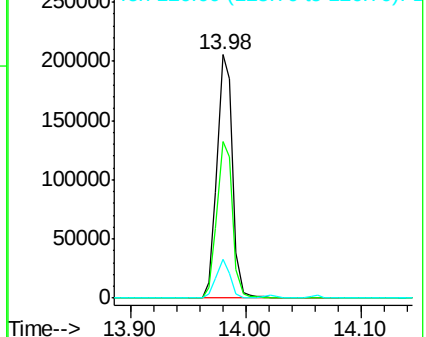
126 16.2 11.3 16.9

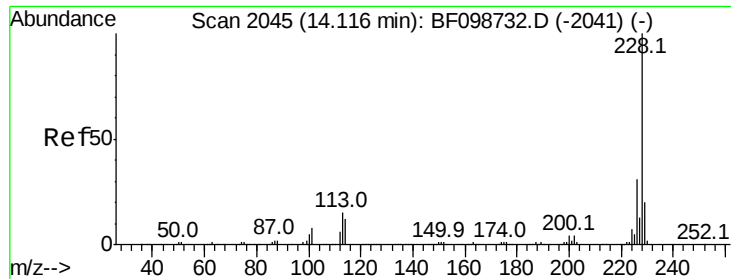


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

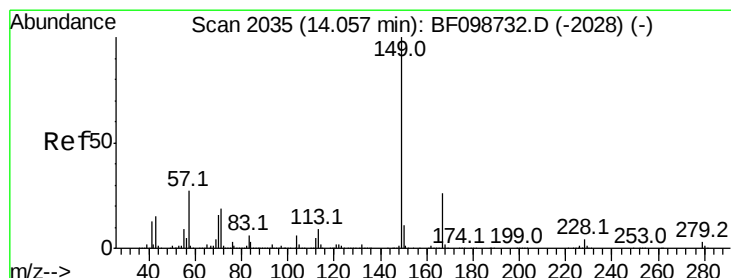
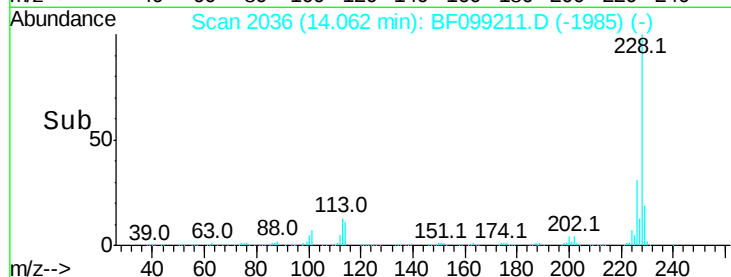
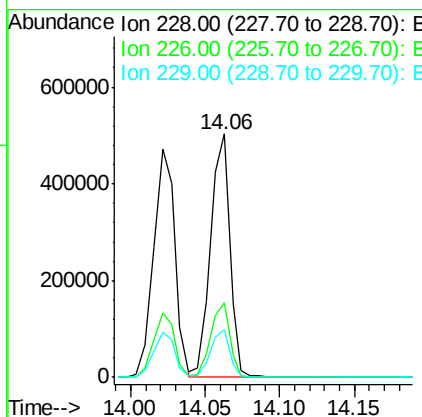
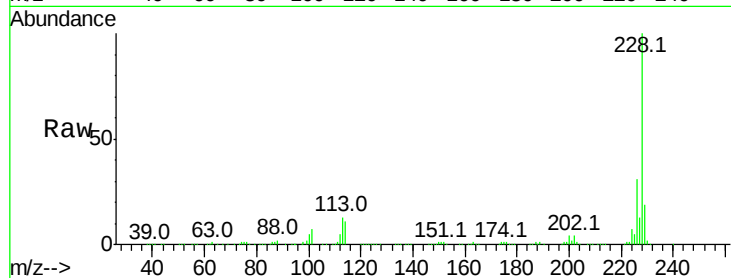




#82
 Chrysene
 Concen: 40.553 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BF099211.D
 Acq: 8 Oct 2017 00:06

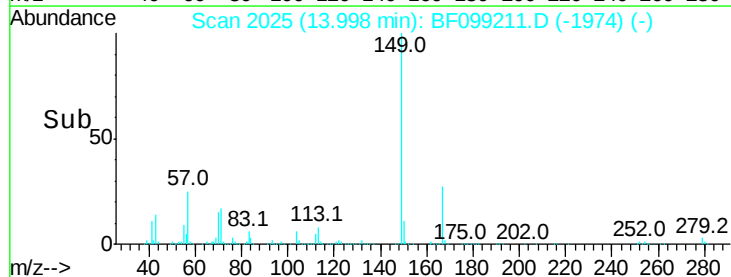
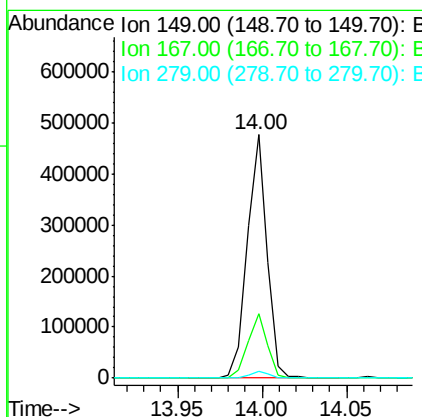
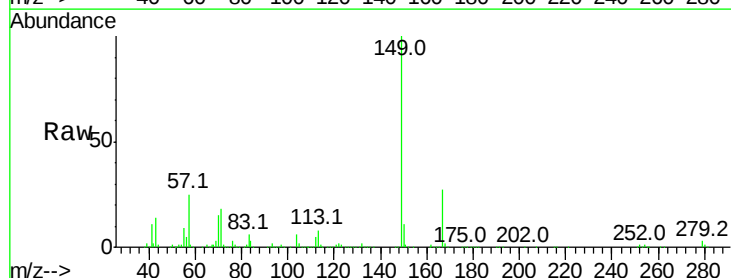
Instrument :
 BNA_F
 ClientSampleId :

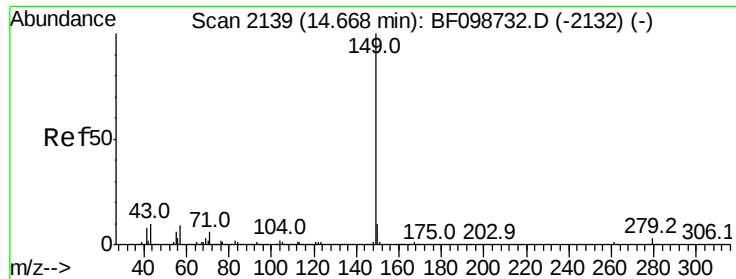
Tot Ion:228 Resp: 453498
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.6
 229 19.4 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.749 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF099211.D
 Acq: 8 Oct 2017 00:06

Tgt Ion:149 Resp: 390058
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 2.9 3.0 4.4#

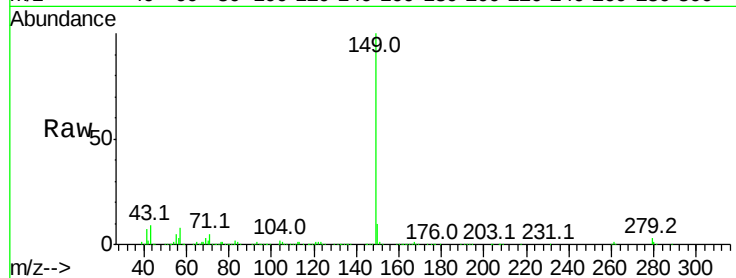




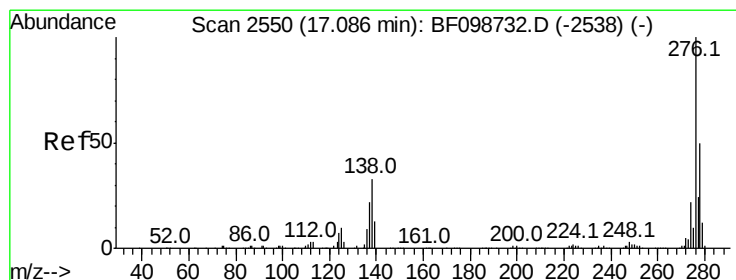
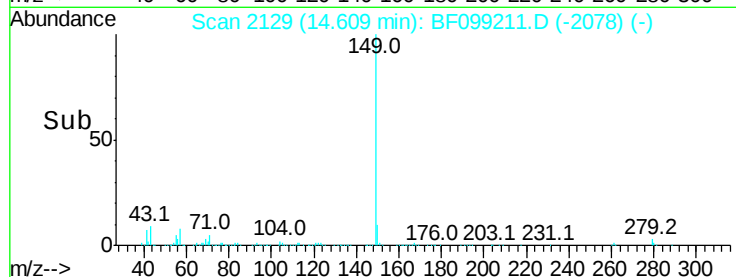
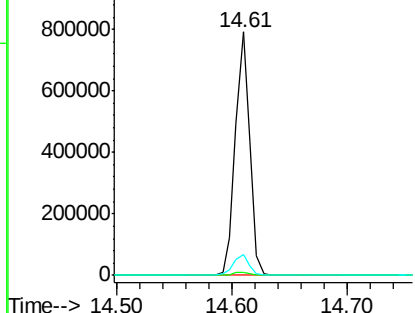
#84
Di-n-octyl phthalate
Concen: 44.133 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 680239
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.9 8.4 12.6

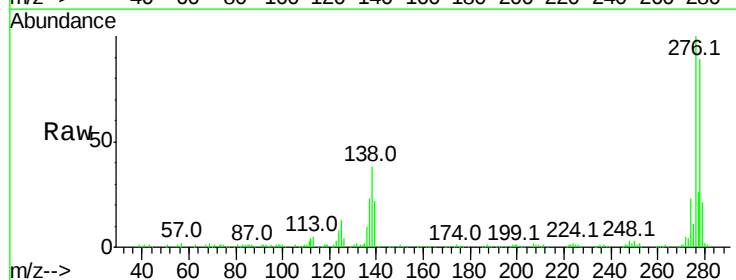


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

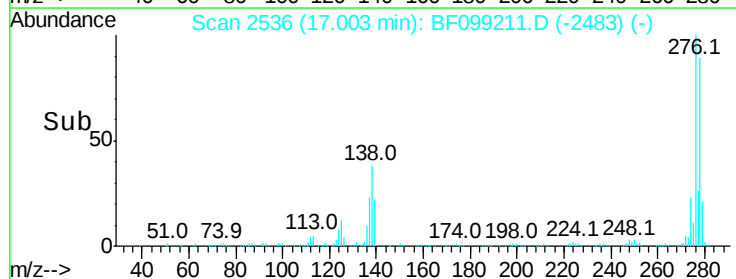
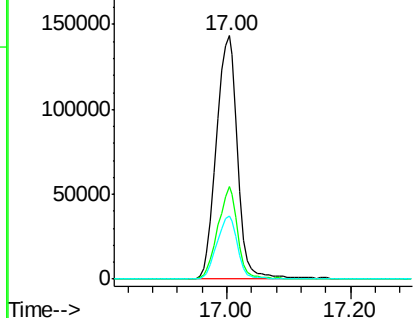


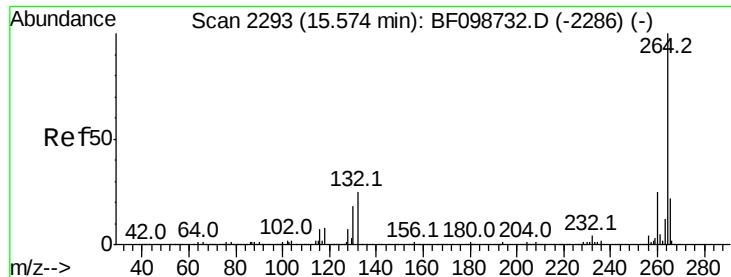
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.319 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Tgt Ion:276 Resp: 342782
Ion Ratio Lower Upper
276 100
138 35.7 25.0 37.6
277 25.2 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

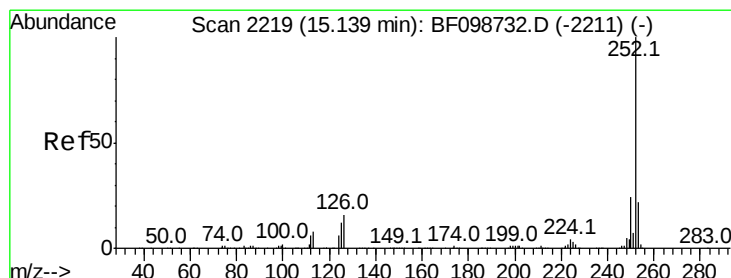
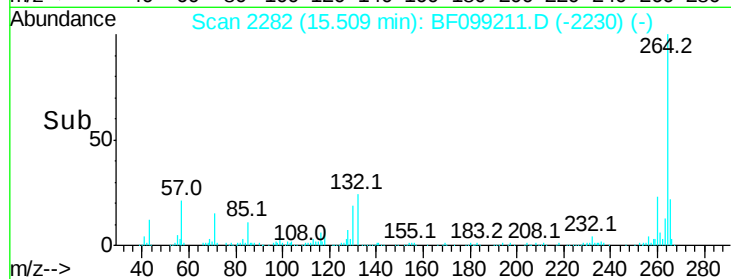
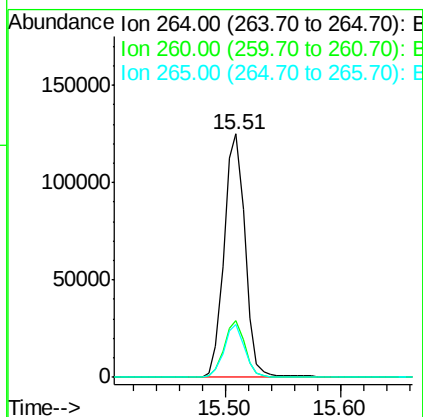
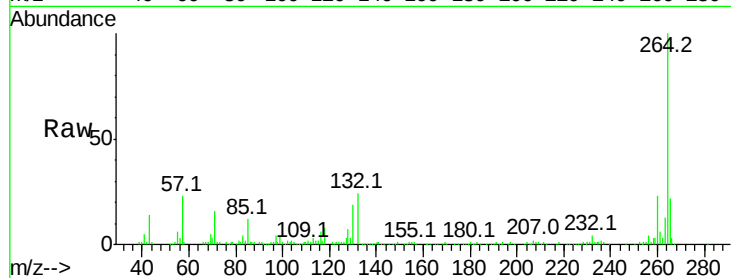




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

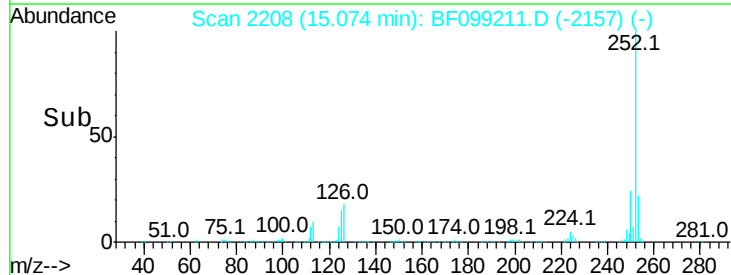
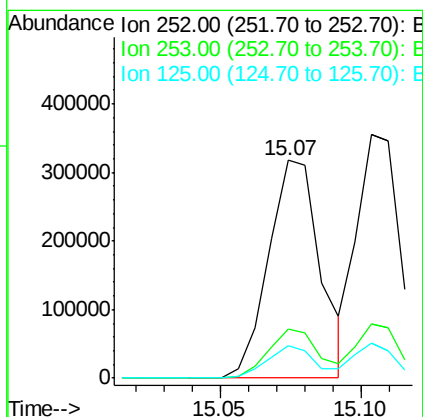
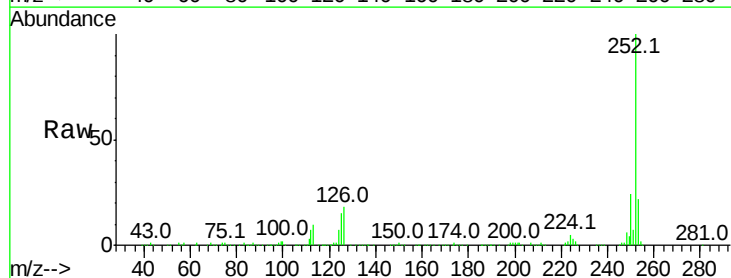
Instrument :
BNA_F
ClientSampleId :

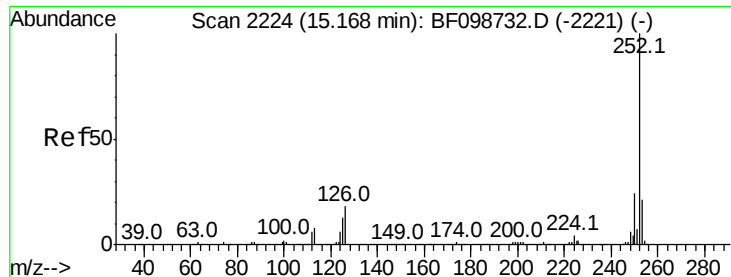
Tot Ion:264 Resp: 157616
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.8 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 41.866 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF099211.D
Acq: 8 Oct 2017 00:06

Tgt Ion:252 Resp: 405718
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 14.8 9.0 13.6#





#88

Benzo(k)fluoranthene

Concen: 39.882 ng

RT: 15.10 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

Instrument :

BNA_F

ClientSampleId :

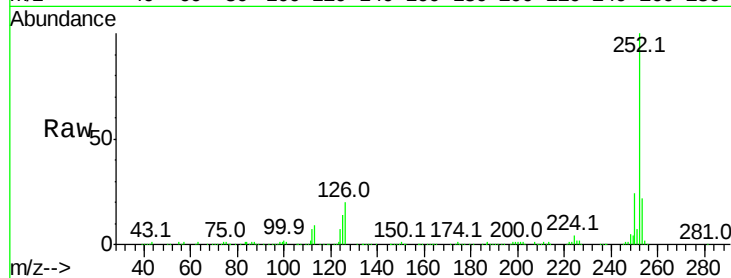
Tot Ion:252 Resp: 381743

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

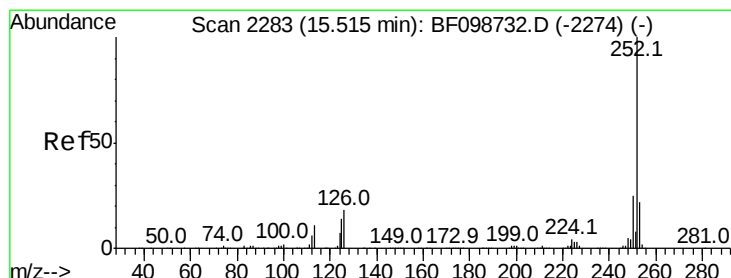
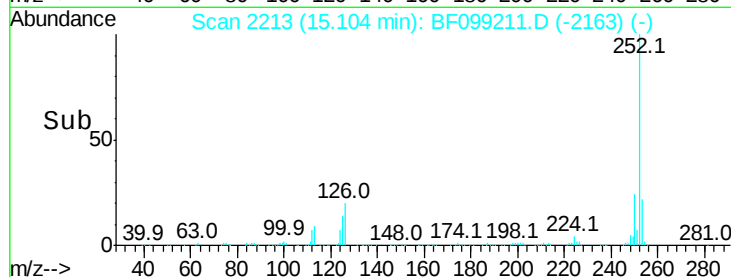
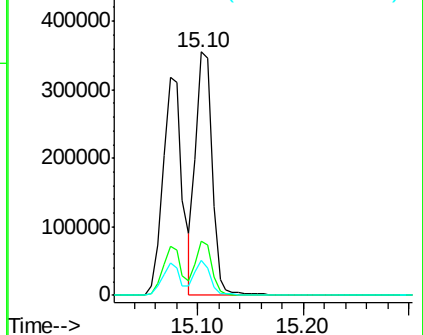
125 14.4 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 40.606 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.00 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

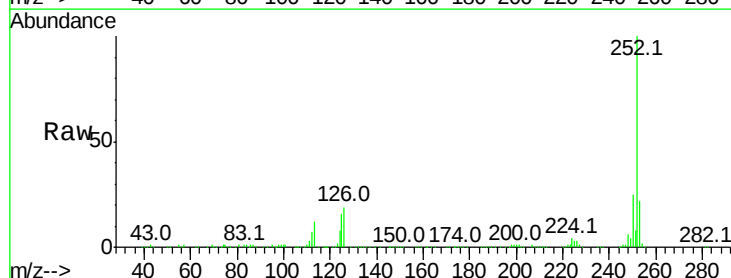
Tgt Ion:252 Resp: 361209

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

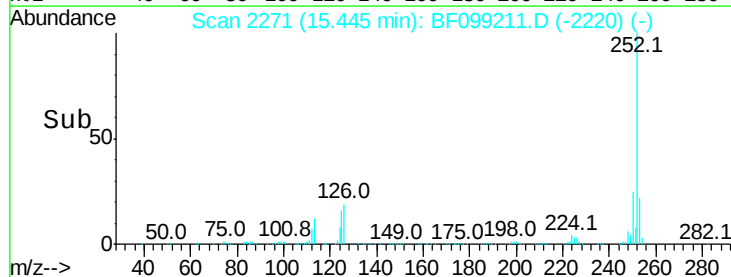
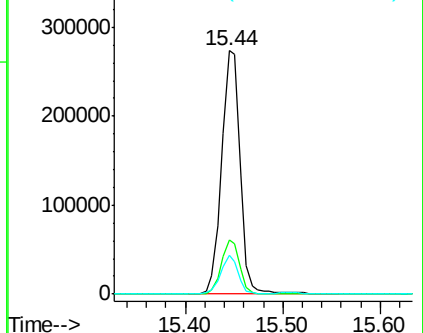
125 15.8 9.8 14.6#

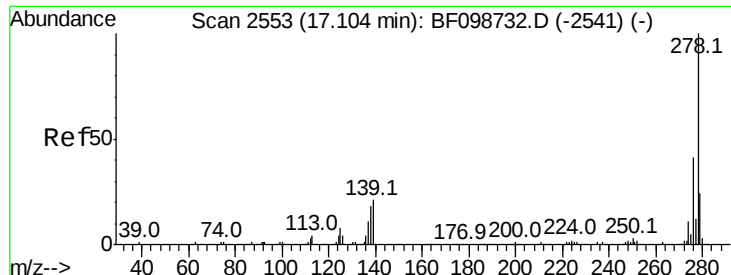


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 40.309 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.00 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

Instrument :

BNA_F

ClientSampleId :

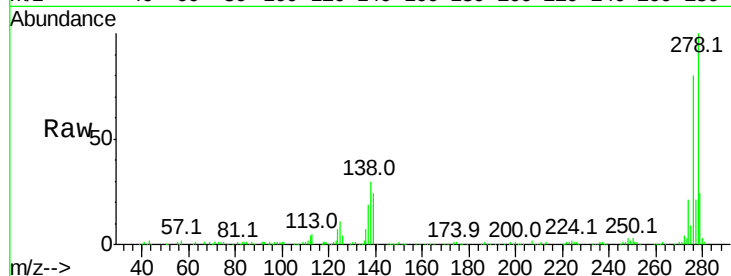
Tot Ion:278 Resp: 286958

Ion Ratio Lower Upper

278 100

139 23.7 15.9 23.9

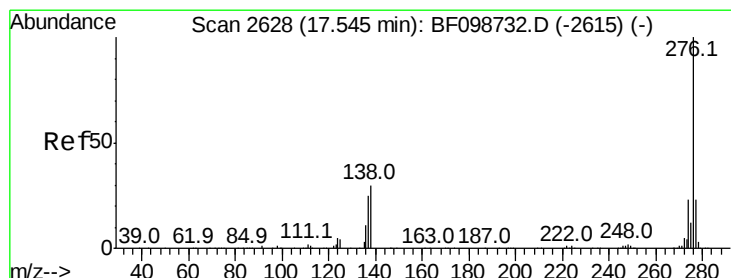
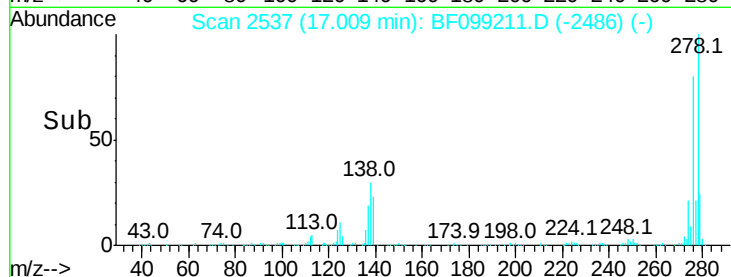
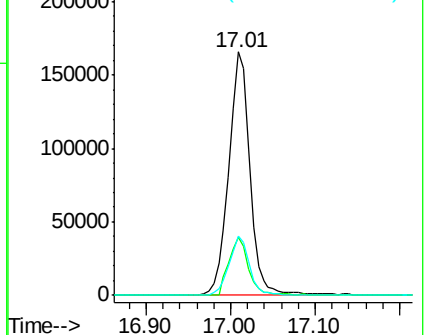
279 24.2 19.0 28.4



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(g,h,i)perylene

Concen: 38.432 ng

RT: 17.45 min Scan# 2612

Delta R.T. 0.01 min

Lab File: BF099211.D

Acq: 8 Oct 2017 00:06

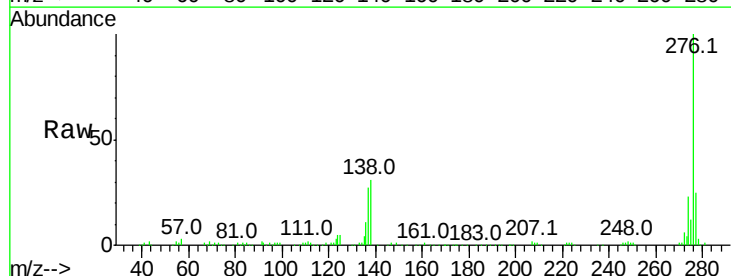
Tgt Ion:276 Resp: 270450

Ion Ratio Lower Upper

276 100

277 24.5 17.9 26.9

138 31.3 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

