

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099094.D
 Acq On : 5 Oct 2017 10:12
 Operator : SJ/JU
 Sample : PB102887BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 17:11:51 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 09:04:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	145434	20.00	ng	-0.05
21) Naphthalene-d8	8.15	136	609123	20.00	ng	-0.05
38) Acenaphthene-d10	9.90	164	283487	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	502177	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	372540	20.00	ng	-0.05
86) Perylene-d12	15.50	264	319293	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1092322	119.56	ng	-0.04
7) Phenol-d6	6.50	99	1347440	119.56	ng	-0.04
23) Nitrobenzene-d5	7.43	82	821426	86.48	ng	-0.05
41) 2,4,6-Tribromophenol	10.70	330	288475	124.36	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	1452225	85.52	ng	-0.05
78) Terphenyl-d14	12.97	244	1298938	79.29	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	137592	31.528	ng	97
3) Pyridine	3.49	79	414709	35.128	ng	95
4) n-Nitrosodimethylamine	3.45	42	181801	36.315	ng	86
6) Aniline	6.53	93	546151	35.906	ng	98
8) 2-Chlorophenol	6.66	128	409380	39.569	ng	96
9) Benzaldehyde	6.42	77	194286	29.719	ng	93
10) Phenol	6.52	94	519446	41.212	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	388322	39.630	ng	97
12) 1,3-Dichlorobenzene	6.81	146	424364	39.166	ng	98
13) 1,4-Dichlorobenzene	6.89	146	428928	38.908	ng	98
14) 1,2-Dichlorobenzene	7.04	146	398896	39.160	ng	99
15) Benzyl Alcohol	7.01	79	336737	40.729	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	582713	38.170	ng	96
17) 2-Methylphenol	7.12	107	353553	41.765	ng	98
18) Hexachloroethane	7.37	117	153436	38.722	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	272369	37.853	ng	95
20) 3+4-Methylphenols	7.27	107	417836	39.016	ng	# 82
22) Acetophenone	7.28	105	547856	37.123	ng	# 99
24) Nitrobenzene	7.45	77	425005	39.445	ng	99
25) Isophorone	7.69	82	808792	41.186	ng	99
26) 2-Nitrophenol	7.77	139	237657	45.869	ng	89
27) 2,4-Dimethylphenol	7.80	122	400274	40.908	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	506344	41.375	ng	99
29) 2,4-Dichlorophenol	8.01	162	355630	42.332	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	343465	40.877	ng	99
31) Naphthalene	8.17	128	1159916	40.545	ng	100
32) Benzoic acid	7.94	122	236563	29.432	ng	98
33) 4-Chloroaniline	8.22	127	377582	31.605	ng	96
34) Hexachlorobutadiene	8.29	225	169613	39.192	ng	99
35) Caprolactam	8.65	113	21566	8.003	ng	89
36) 4-Chloro-3-methylphenol	8.70	107	381346	40.386	ng	97
37) 2-Methylnaphthalene	8.86	142	818259	43.998	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	312816	37.000	ng	99
40) Hexachlorocyclopentadiene	9.02	237	275013	71.180	ng	97

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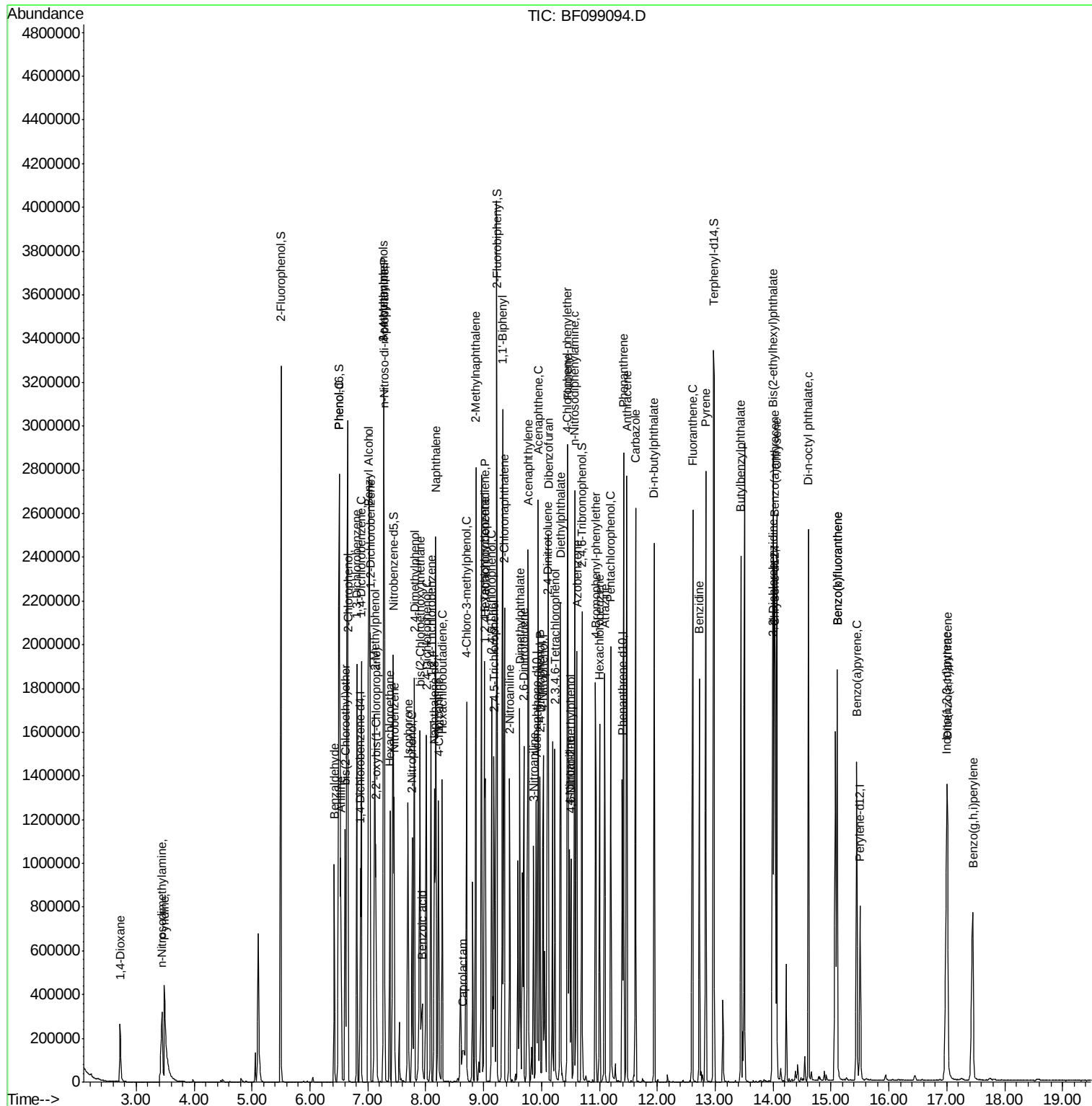
Instrument :
 BNA_F
 ClientSampleId :

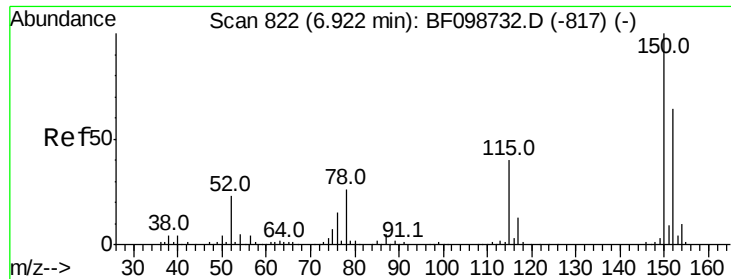
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	230154	38.427	ng	98
43) 2,4,5-Trichlorophenol	9.18	196	244796	40.943	ng	98
45) 1,1'-Biphenyl	9.33	154	932849	38.288	ng	99
46) 2-Chloronaphthalene	9.36	162	736934	40.285	ng	97
47) 2-Nitroaniline	9.45	65	228633	40.818	ng	94
48) Acenaphthylene	9.77	152	1140996	40.745	ng	100
49) Dimethylphthalate	9.63	163	883354	41.286	ng	100
50) 2,6-Dinitrotoluene	9.69	165	201499	43.258	ng	94
51) Acenaphthene	9.95	154	662888	37.369	ng	98
52) 3-Nitroaniline	9.86	138	186280	34.297	ng	97
53) 2,4-Dinitrophenol	9.97	184	190795	78.771	ng	96
54) Dibenzofuran	10.12	168	1000274	42.351	ng	100
55) 4-Nitrophenol	10.03	139	348729	75.934	ng	84
56) 2,4-Dinitrotoluene	10.10	165	264144	43.694	ng	86
57) Fluorene	10.46	166	773430	40.742	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	185301	44.865	ng	97
59) Diethylphthalate	10.33	149	848053	40.563	ng	98
60) 4-Chlorophenyl-phenylether	10.45	204	342988	40.222	ng	98
61) 4-Nitroaniline	10.49	138	237535	45.332	ng	91
62) Azobenzene	10.60	77	803517	41.799	ng	97
64) 4,6-Dinitro-2-methylphenol	10.51	198	127151	41.616	ng	85
65) n-Nitrosodiphenylamine	10.57	169	702393	40.374	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	207374	42.188	ng	100
67) Hexachlorobenzene	11.00	284	206952	39.420	ng	96
68) Atrazine	11.09	200	226216	43.219	ng	100
69) Pentachlorophenol	11.20	266	214218	65.563	ng	98
70) Phenanthrene	11.42	178	1108717	41.247	ng	99
71) Anthracene	11.47	178	1155805	42.024	ng	99
72) Carbazole	11.63	167	1094521	40.638	ng	99
73) Di-n-butylphthalate	11.95	149	1323973	40.840	ng	100
74) Fluoranthene	12.61	202	1153060	42.362	ng	97
76) Benzidine	12.73	184	652575	47.360	ng	98
77) Pyrene	12.84	202	1191197	41.932	ng	100
79) Butylbenzylphthalate	13.44	149	586921	43.961	ng	96
80) Benzo(a)anthracene	14.02	228	982756	43.565	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	269215	32.555	ng	99
82) Chrysene	14.06	228	908774	42.315	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	798679	43.446	ng	# 99
84) Di-n-octyl phthalate	14.61	149	1315723	44.448	ng	96
85) Indeno(1,2,3-cd)pyrene	17.00	276	756398	44.028	ng	96
87) Benzo(b)fluoranthene	15.11	252	779714	39.718	ng	97
88) Benzo(k)fluoranthene	15.11	252	779714	40.212	ng	99
89) Benzo(a)pyrene	15.45	252	782847	43.443	ng	# 97
90) Dibenzo(a,h)anthracene	17.01	278	627326	43.499	ng	# 95
91) Benzo(g,h,i)perylene	17.45	276	638296	44.776	ng	96

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

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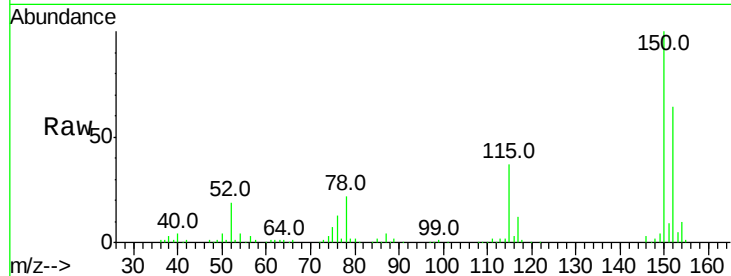


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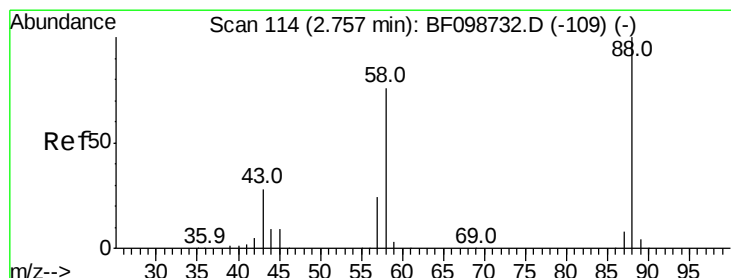
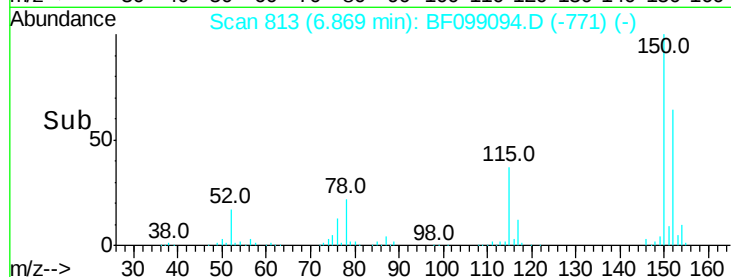
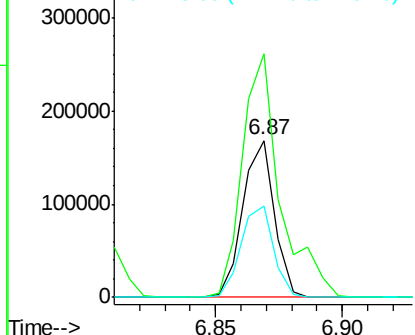
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145434
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 58.3 50.1 75.1



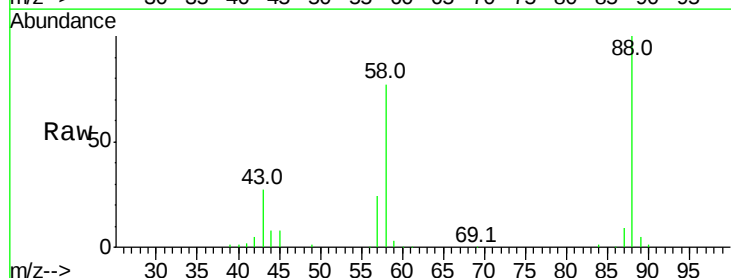
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



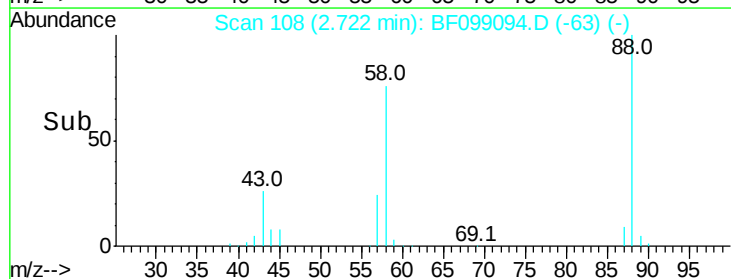
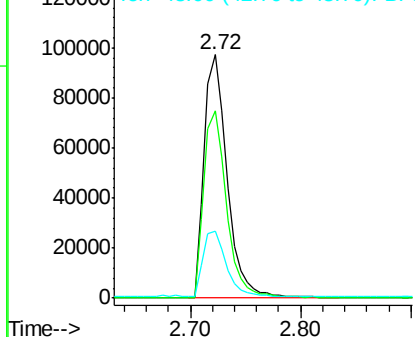
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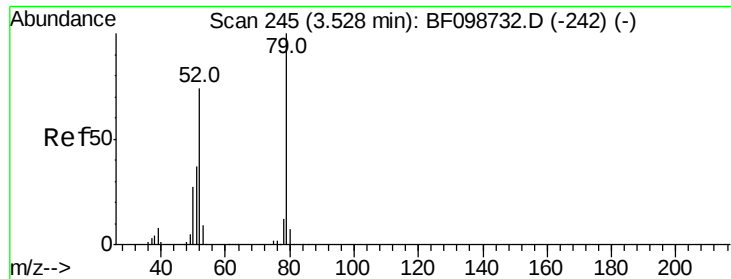
1,4-Dioxane
Concen: 31.528 ng
RT: 2.72 min Scan# 108
Delta R.T. -0.04 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion: 88 Resp: 137592
Ion Ratio Lower Upper
88 100
58 76.7 62.6 93.8
43 27.0 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: 35.128 ng

RT: 3.49 min Scan# 238

Delta R.T. -0.04 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

ClientSampleId :

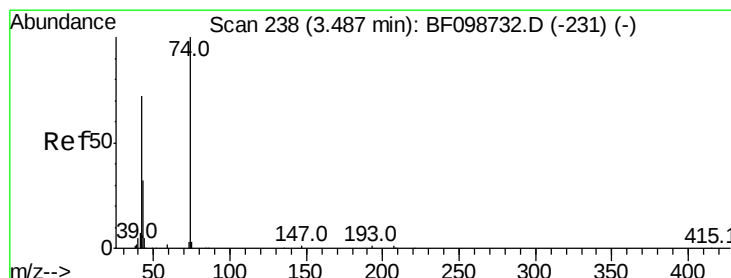
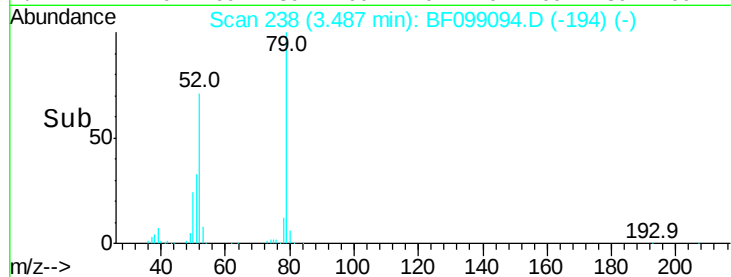
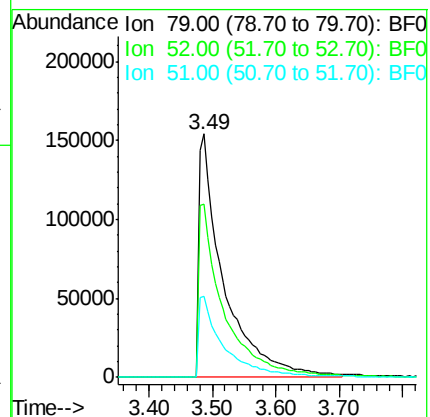
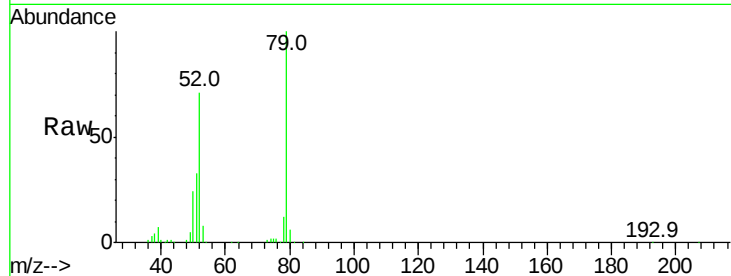
Tot Ion: 79 Resp: 414709

Ion Ratio Lower Upper

79 100

52 71.4 59.8 89.6

51 33.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 36.315 ng

RT: 3.45 min Scan# 231

Delta R.T. -0.04 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

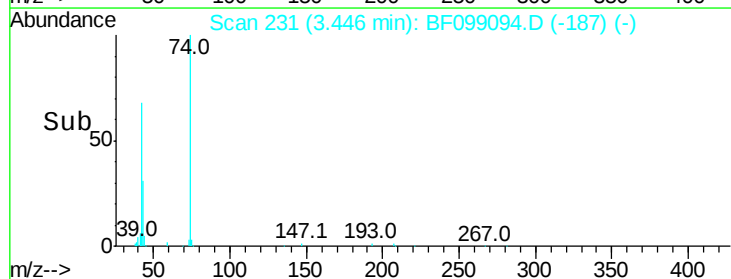
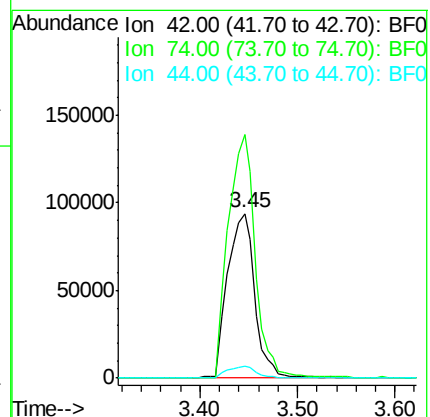
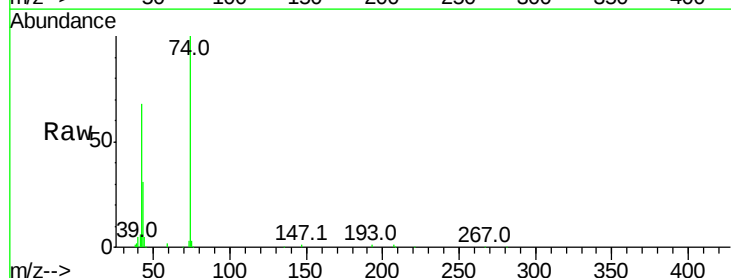
Tgt Ion: 42 Resp: 181801

Ion Ratio Lower Upper

42 100

74 147.9 104.9 157.3

44 7.5 6.9 10.3





#5

2-Fluorophenol

Concen: 119.564 ng

RT: 5.50 min Scan# 580

Delta R.T. -0.04 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :

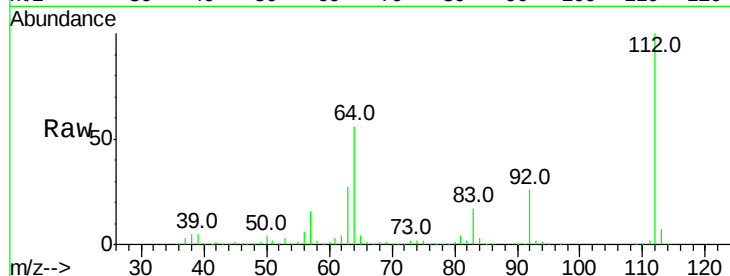
Tot Ion:112 Resp: 1092322

Ion Ratio Lower Upper

112 100

64 56.4 47.9 71.9

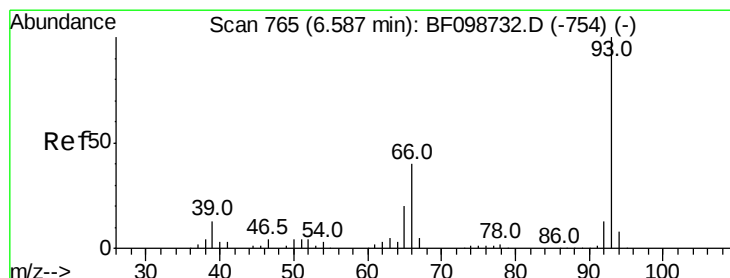
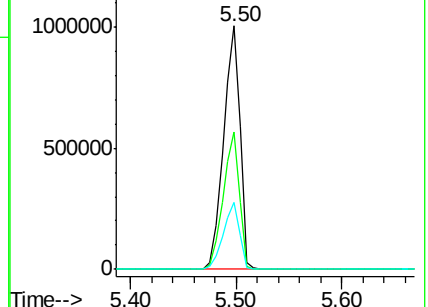
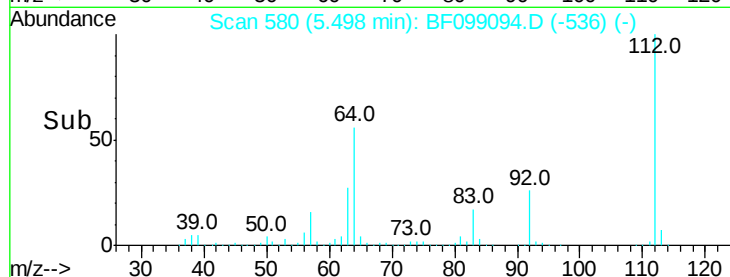
63 27.3 23.7 35.5



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: 35.906 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.05 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

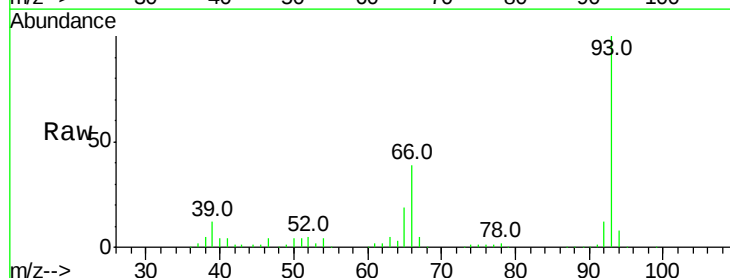
Tgt Ion: 93 Resp: 546151

Ion Ratio Lower Upper

93 100

66 38.9 32.2 48.2

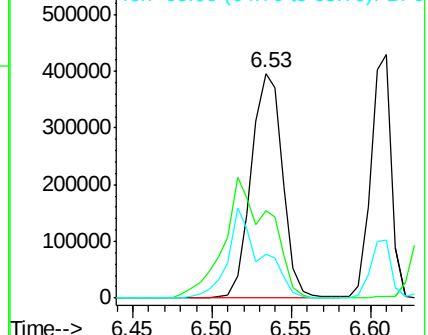
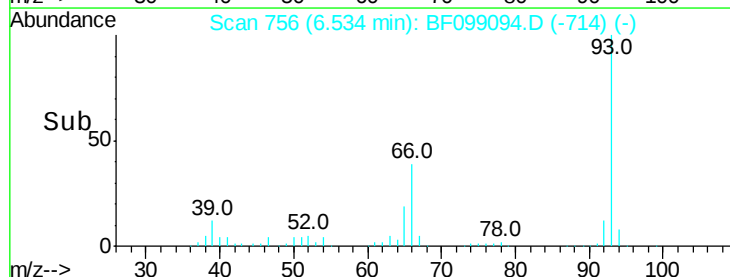
65 19.4 16.4 24.6

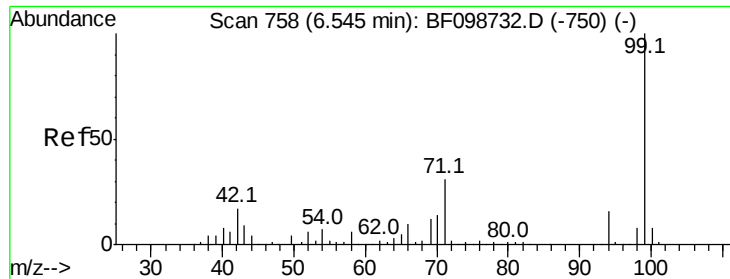


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.559 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.04 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

ClientSampleId :

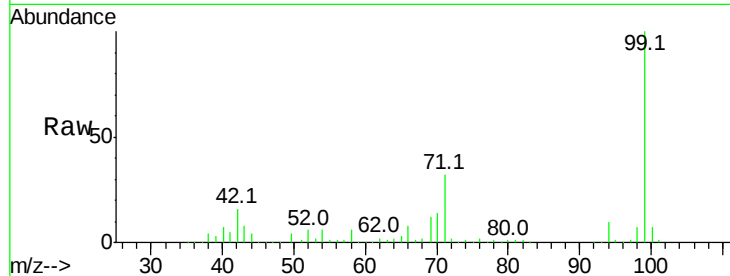
Tot Ion: 99 Resp: 1347440

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

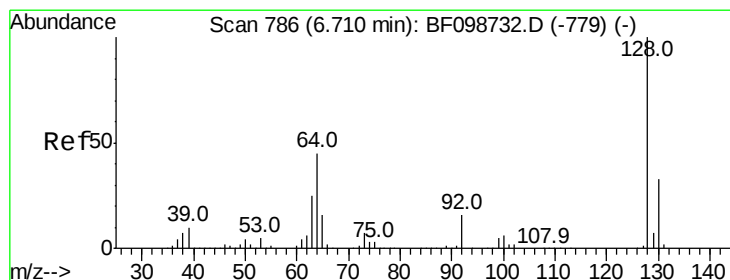
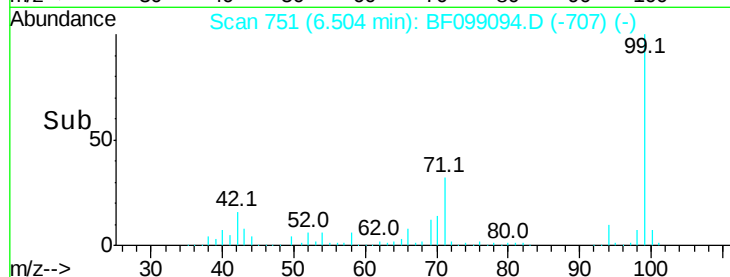
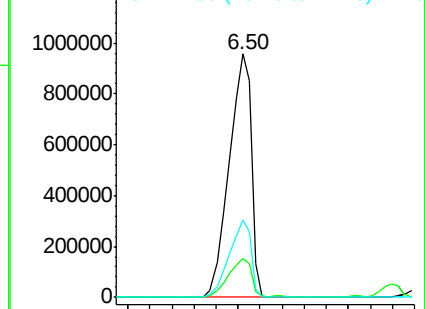
71 31.6 25.4 38.0



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: 39.569 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.05 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

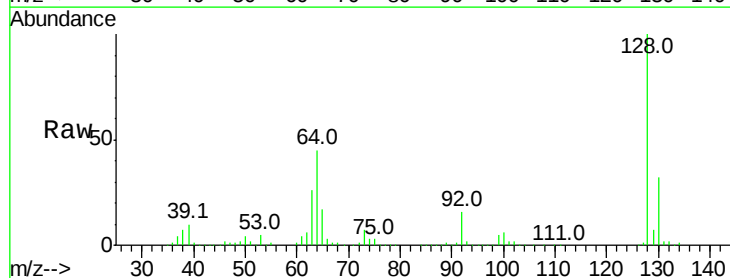
Tgt Ion:128 Resp: 409380

Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

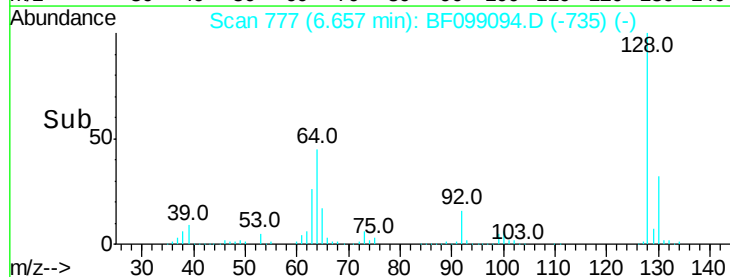
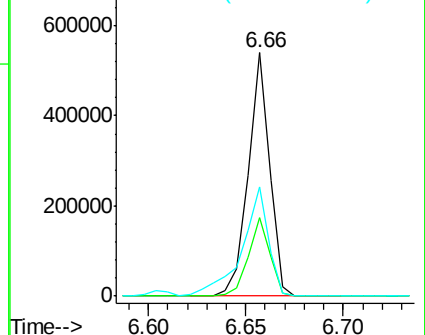
64 45.0 29.4 69.4



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

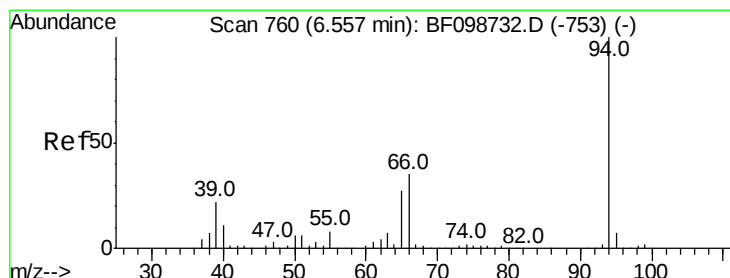
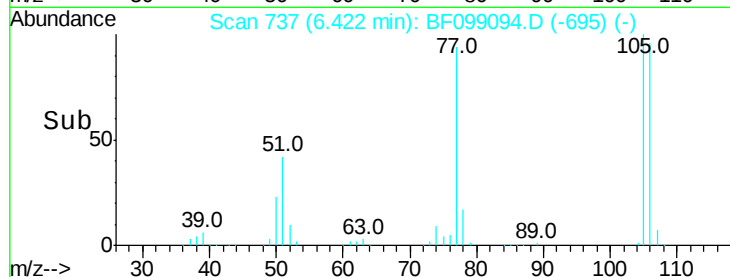
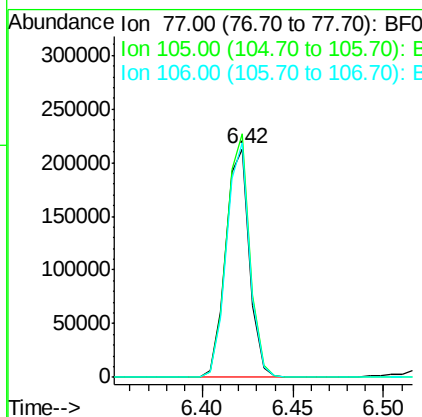
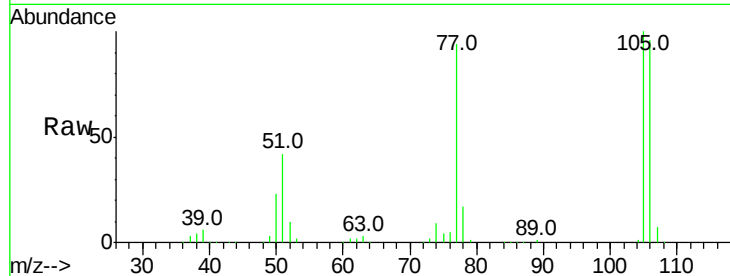




#9
Benzaldehyde
Concen: 29.719 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.05 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

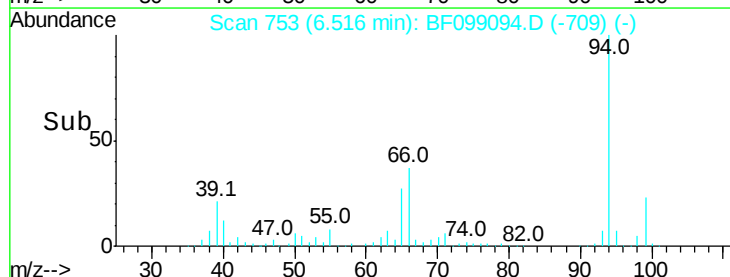
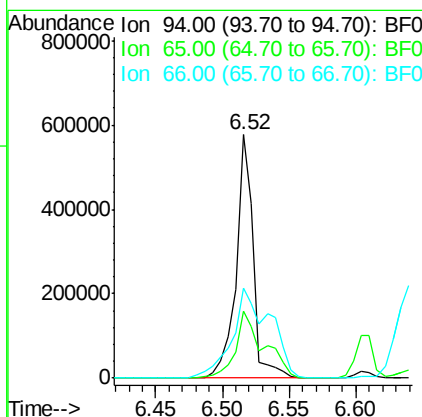
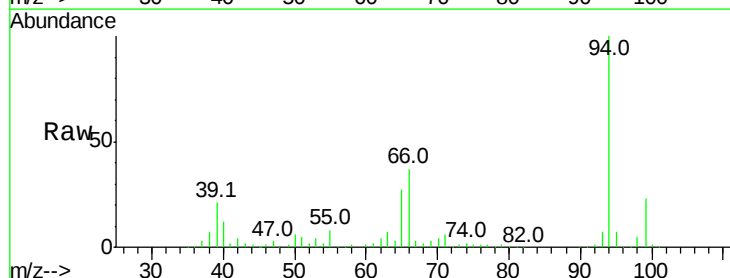
Instrument :
BNA_F
ClientSampled :

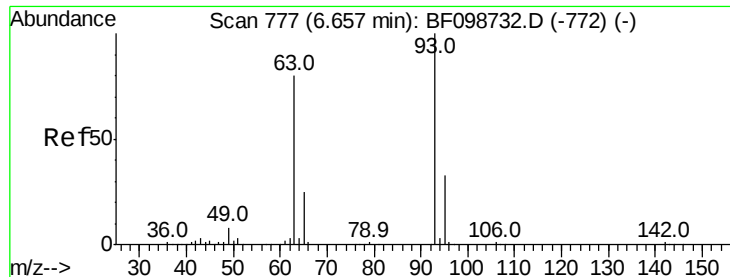
Tot Ion: 77 Resp: 194286
Ion Ratio Lower Upper
77 100
105 106.5 81.1 121.1
106 102.4 74.5 114.5



#10
Phenol
Concen: 41.212 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.04 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion: 94 Resp: 519446
Ion Ratio Lower Upper
94 100
65 27.3 7.9 47.9
66 36.7 16.2 56.2

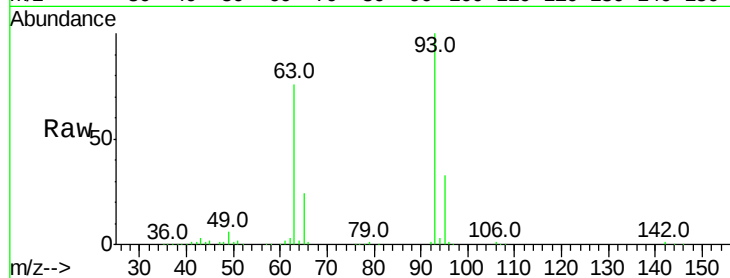




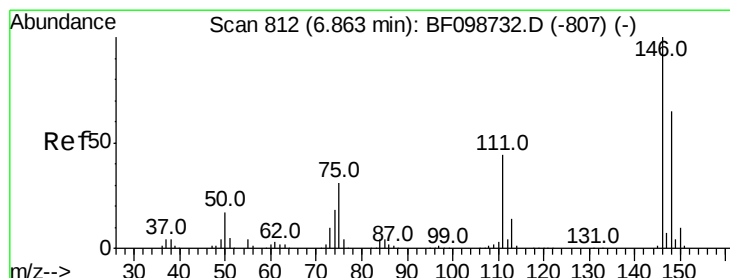
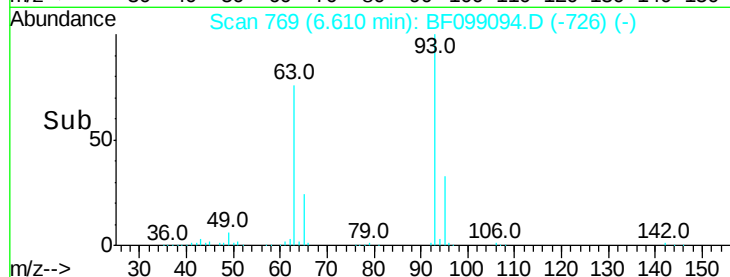
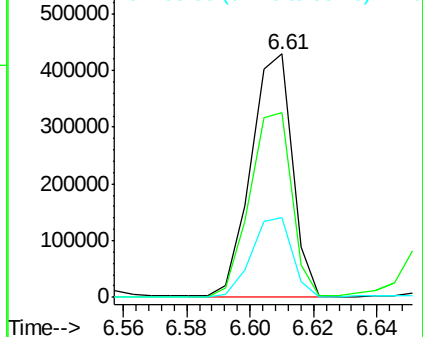
#11
bis(2-Chloroethyl)ether
Concen: 39.630 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 388322
Ion Ratio Lower Upper
93 100
63 75.7 58.6 98.6
95 32.9 11.8 51.8

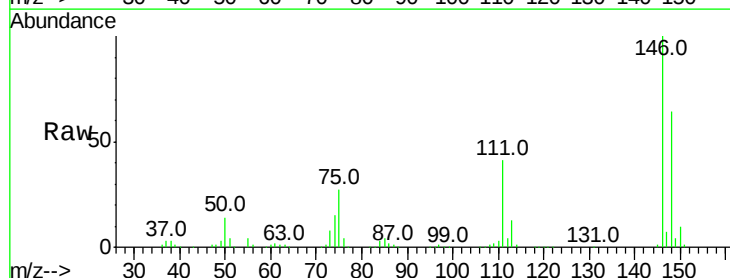


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

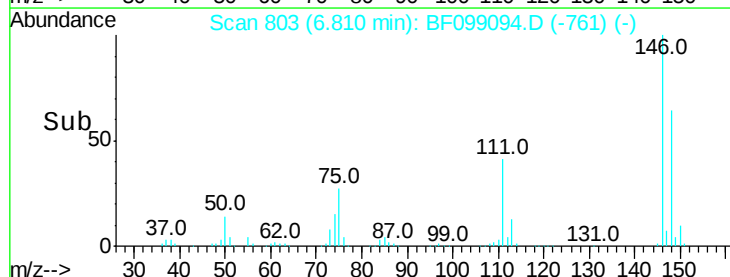
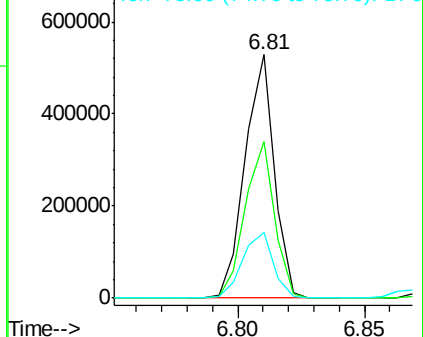


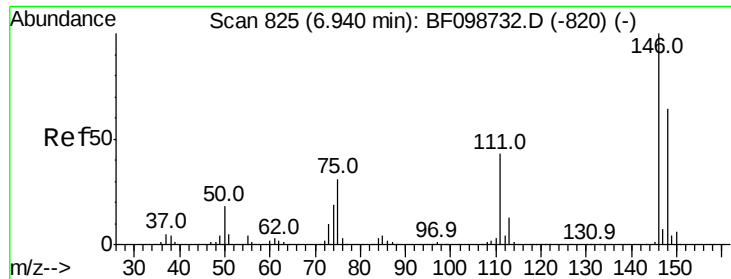
#12
1,3-Dichlorobenzene
Concen: 39.166 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion: 146 Resp: 424364
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
75 27.0 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

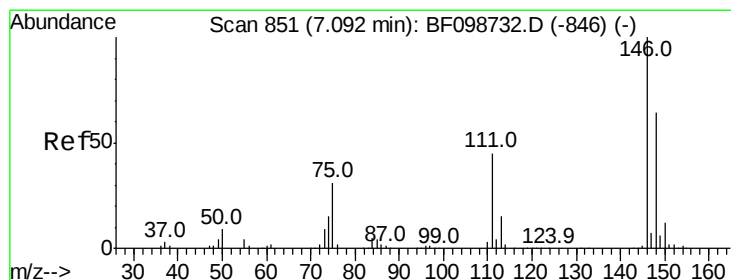
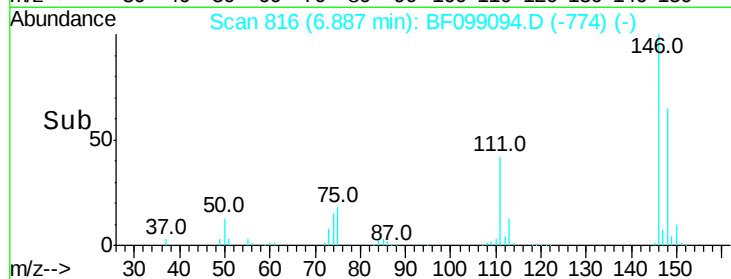
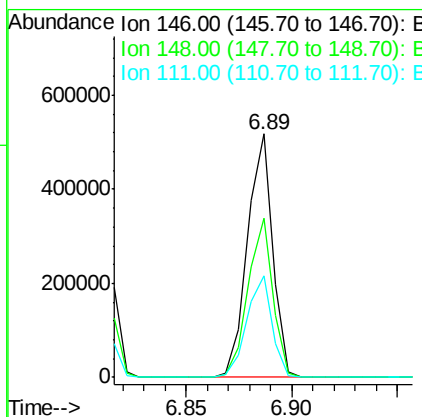
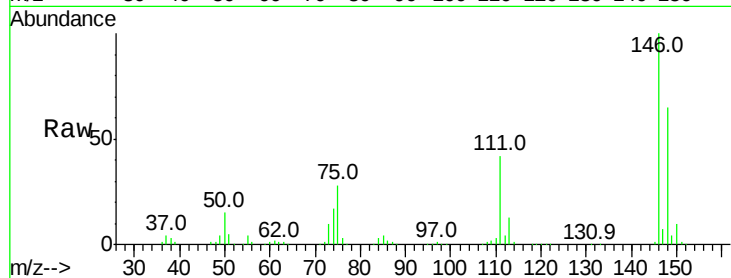




#13
 1,4-Dichlorobenzene
 Concen: 38.908 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.05 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

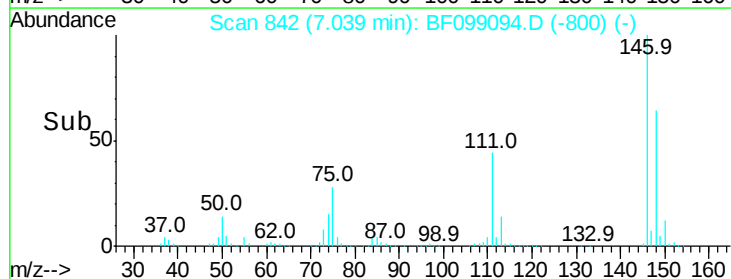
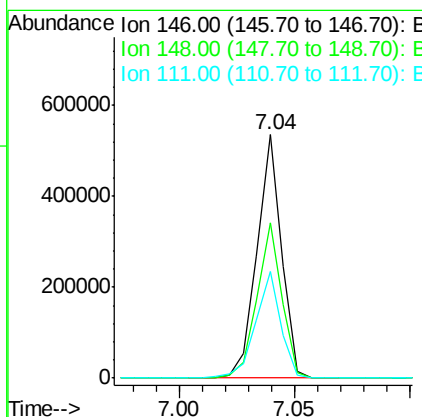
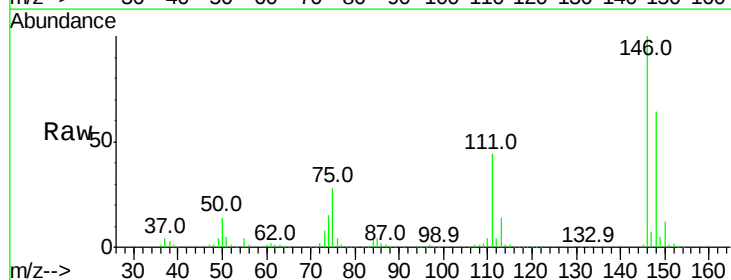
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 428928
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.8 76.2
 111 41.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.160 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.05 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion:146 Resp: 398896
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 43.6 36.0 54.0





#15

Benzyl Alcohol

Concen: 40.729 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.05 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

ClientSampled :

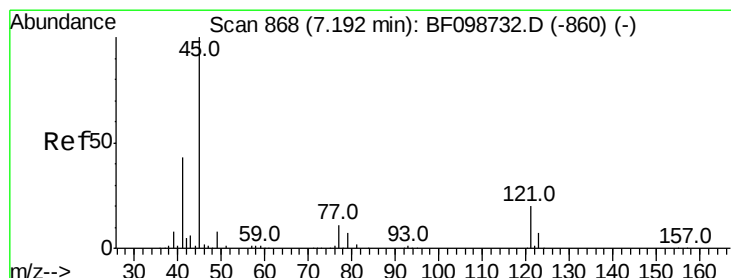
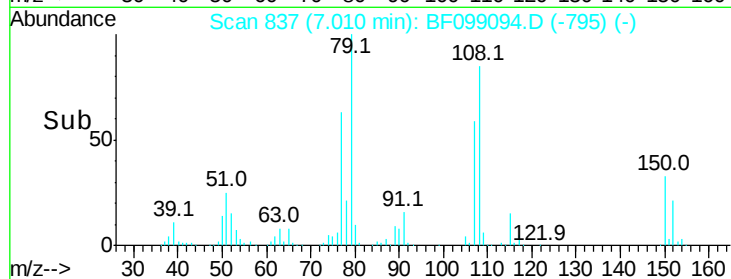
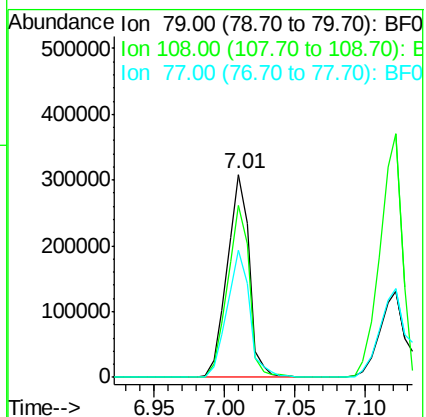
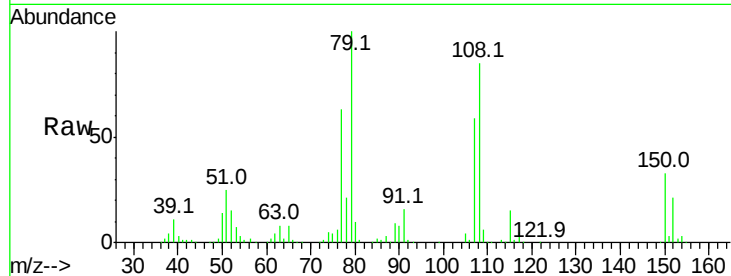
Tot Ion: 79 Resp: 336737

Ion Ratio Lower Upper

79 100

108 84.9 65.1 97.7

77 62.6 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.170 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.05 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

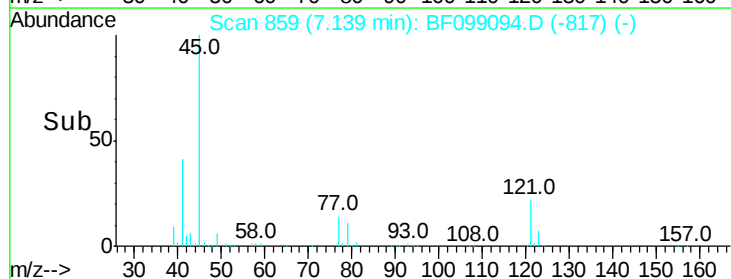
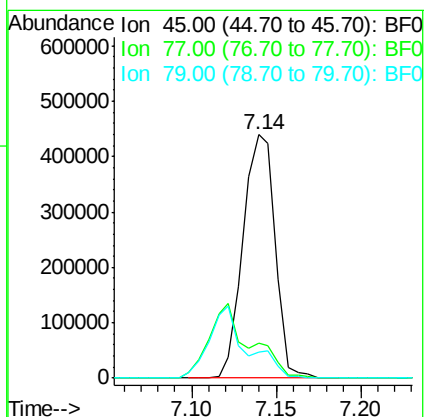
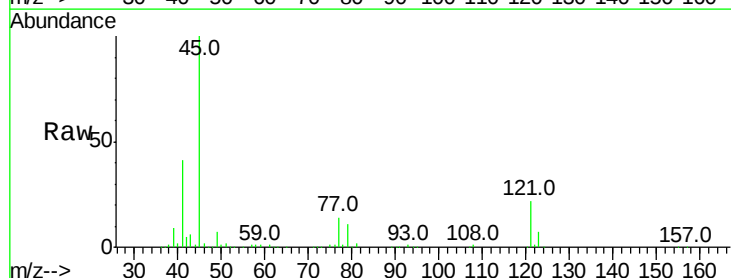
Tgt Ion: 45 Resp: 582713

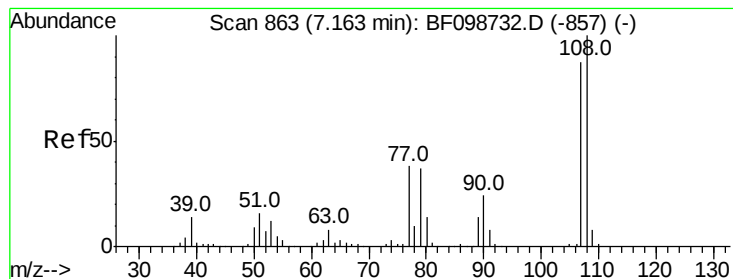
Ion Ratio Lower Upper

45 100

77 14.5 0.0 32.9

79 10.9 0.0 29.6

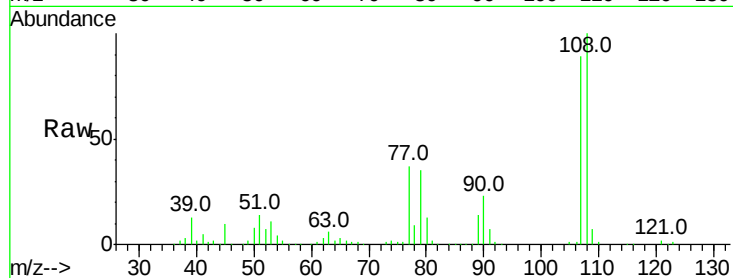




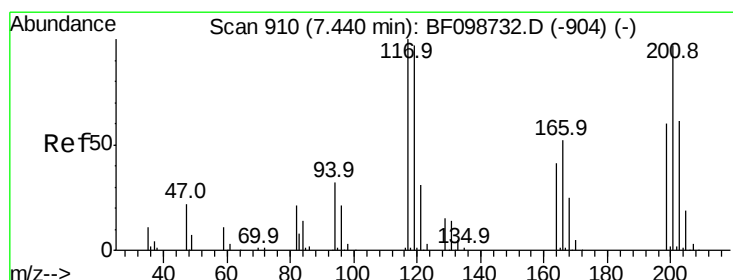
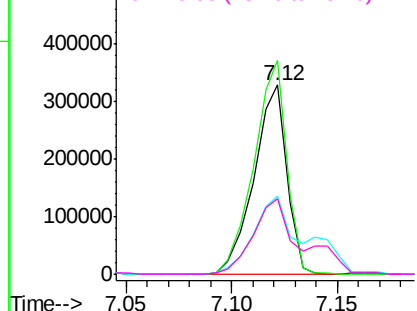
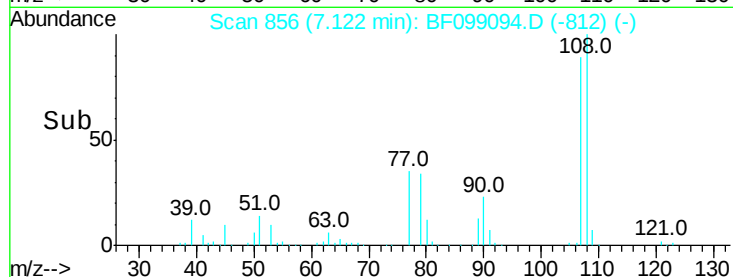
#17
2-Methylphenol
Concen: 41.765 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.04 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 353553
Ion Ratio Lower Upper
107 100
108 113.0 91.7 137.5
77 41.4 33.8 50.8
79 39.7 33.8 50.8

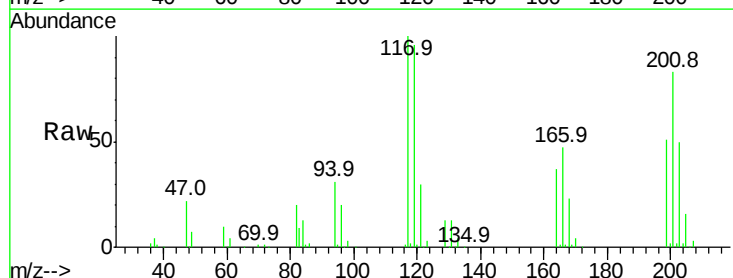


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

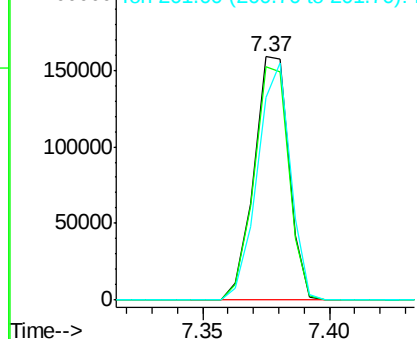
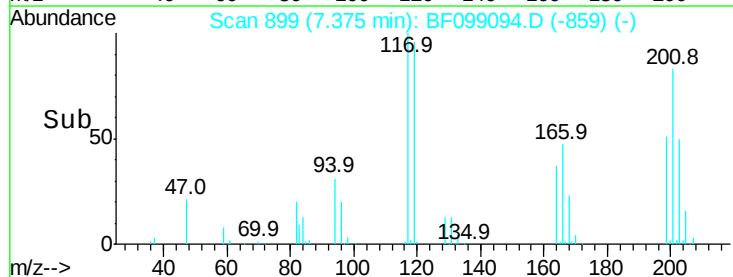


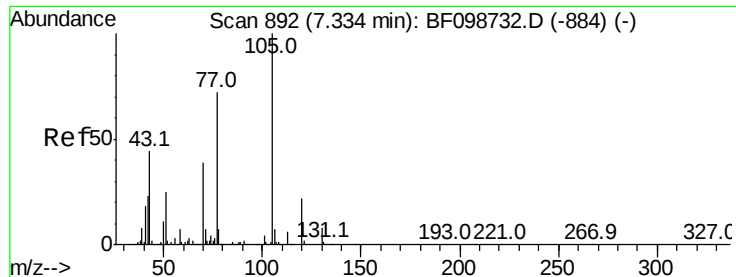
#18
Hexachloroethane
Concen: 38.722 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.06 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion:117 Resp: 153436
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.8
201 83.1 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

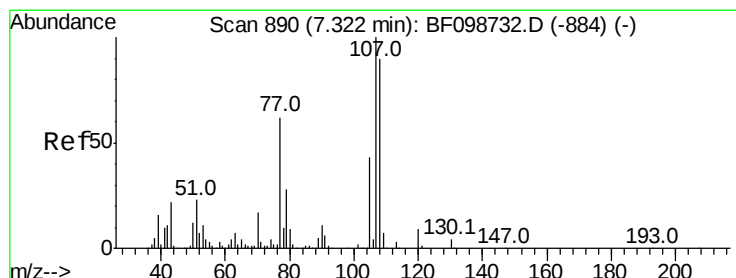
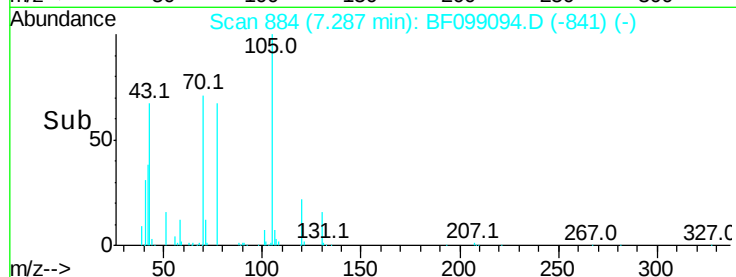
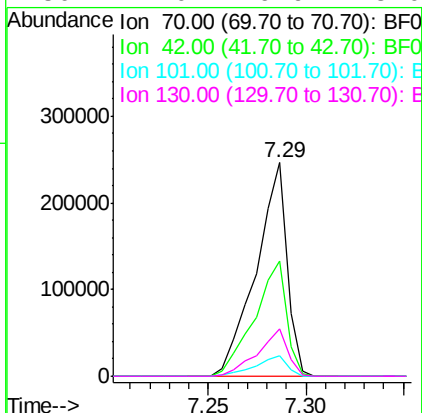
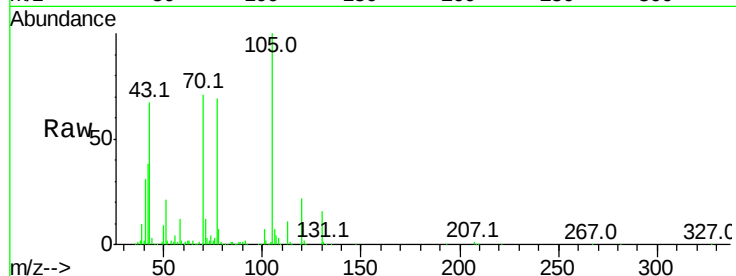




#19
n-Nitroso-di-n-propylamine
Concen: 37.853 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.05 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

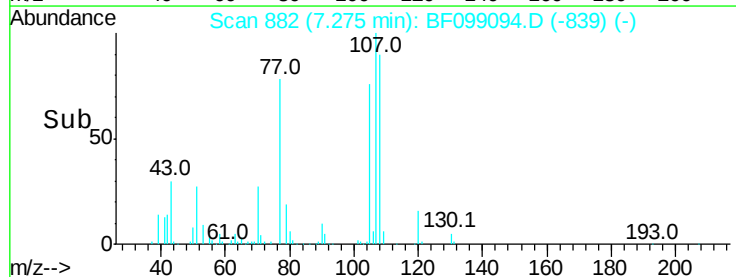
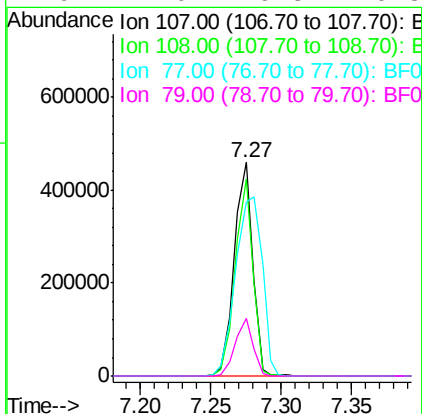
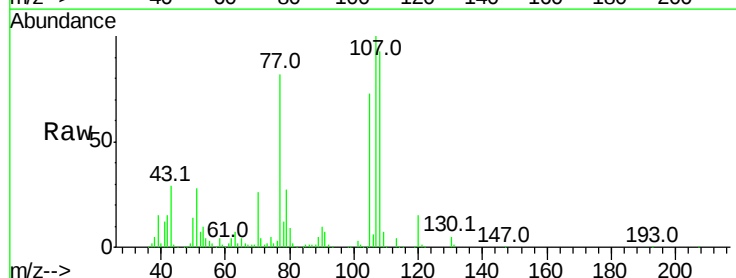
Instrument :
BNA_F
ClientSampleId :

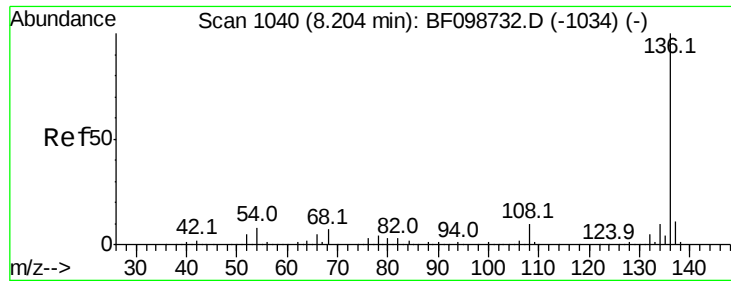
Tot Ion:	70	Resp:	272369
Ion	Ratio	Lower	Upper
70	100		
42	54.2	47.5	71.3
101	9.8	7.4	11.2
130	22.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.016 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.05 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion:	107	Resp:	417836
Ion	Ratio	Lower	Upper
107	100		
108	92.5	68.2	108.2
77	81.5	26.7	66.7#
79	27.0	6.3	46.3

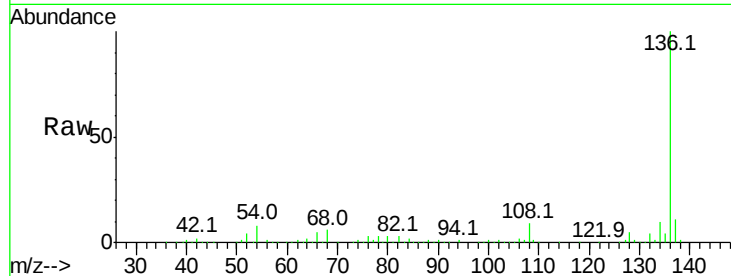




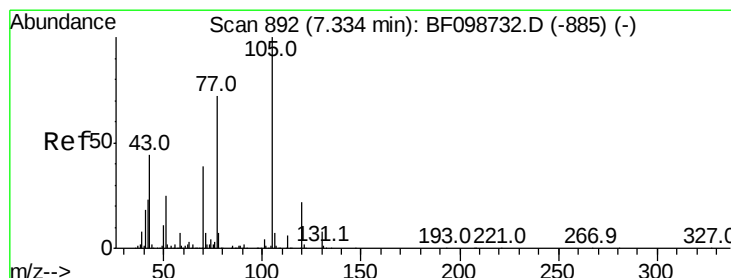
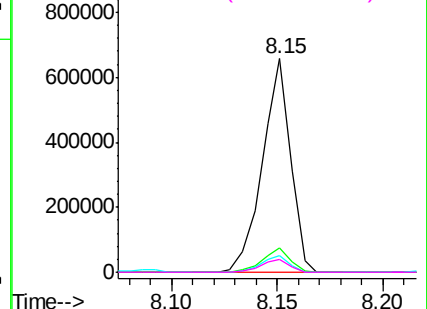
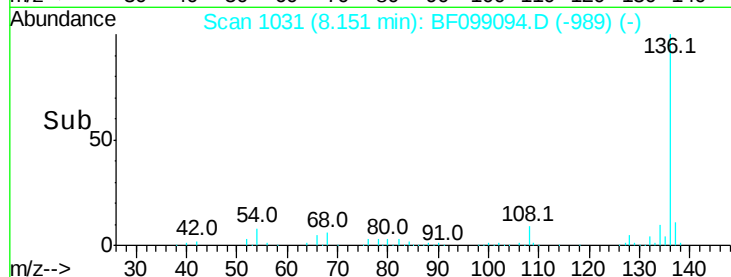
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp: 609123
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 7.5	6.6 9.8
68 6.0	5.0 7.4

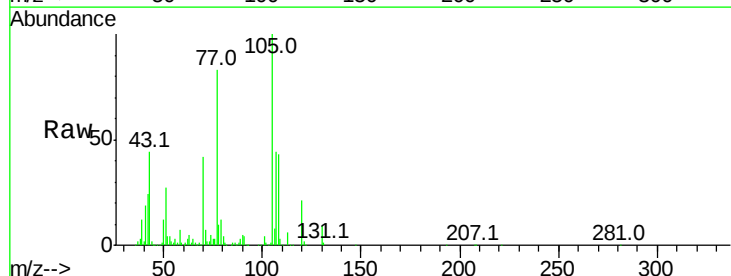


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

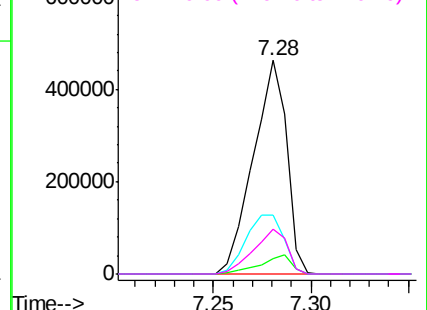
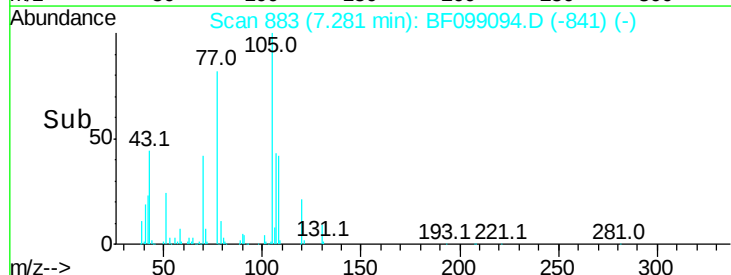


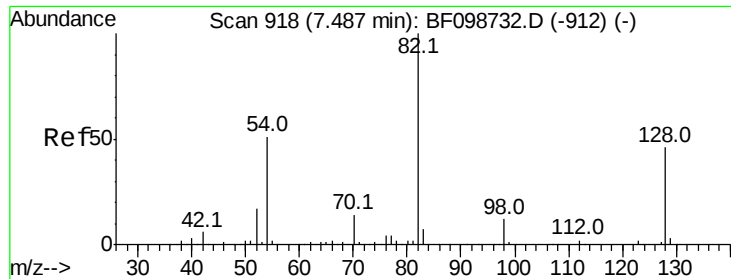
#22
Acetophenone
Concen: 37.123 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.05 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt	Ion:105	Resp:	547856
Ion	Ratio	Lower	Upper
105	100		
71	7.0	4.4	6.6#
51	27.5	22.3	33.5
120	21.0	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

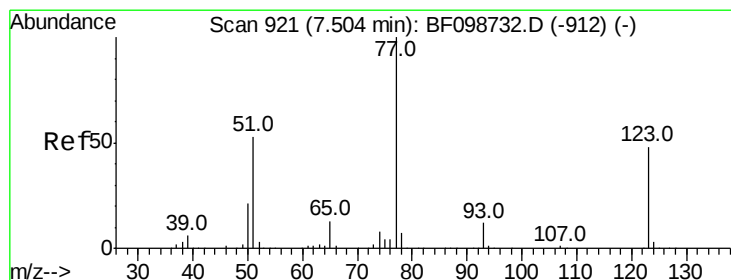
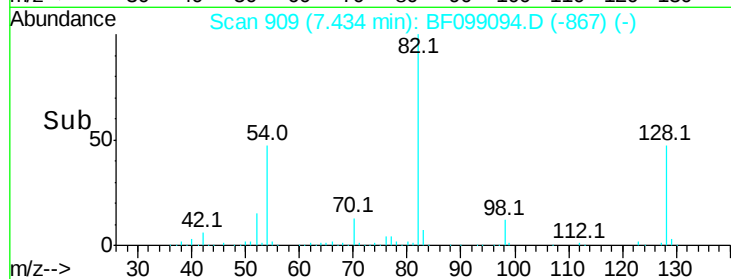
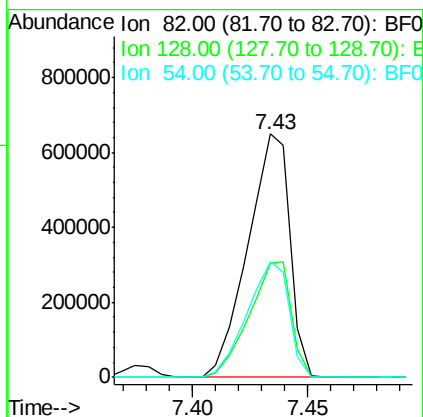
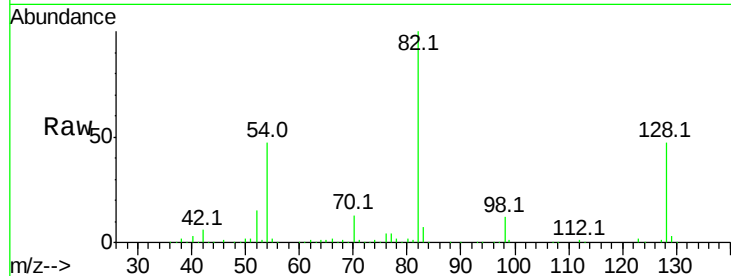




#23
 Nitrobenzene-d5
 Concen: 86.482 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.05 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

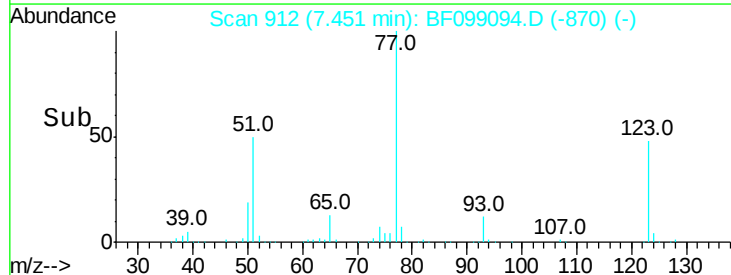
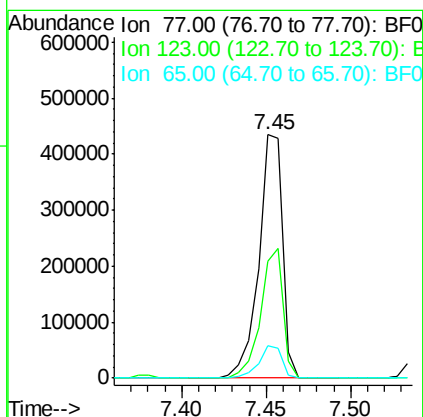
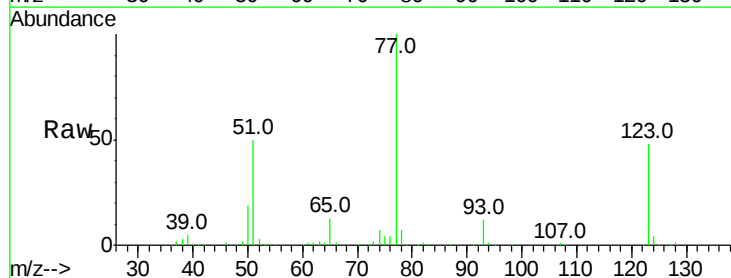
Instrument :
 BNA_F
 ClientSampleId :

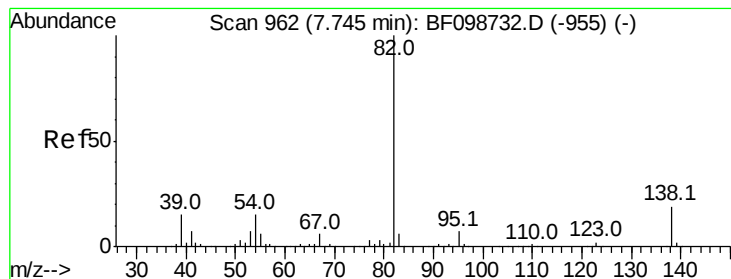
Tot Ion: 82 Resp: 821426
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.1 54.1
 54 47.3 41.4 62.2



#24
 Nitrobenzene
 Concen: 39.445 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.05 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion: 77 Resp: 425005
 Ion Ratio Lower Upper
 77 100
 123 48.1 37.9 56.9
 65 13.4 11.0 16.4





#25

Isophorone

Concen: 41.186 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.05 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

ClientSampleId :

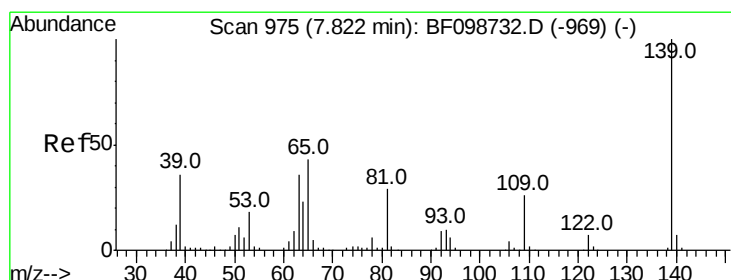
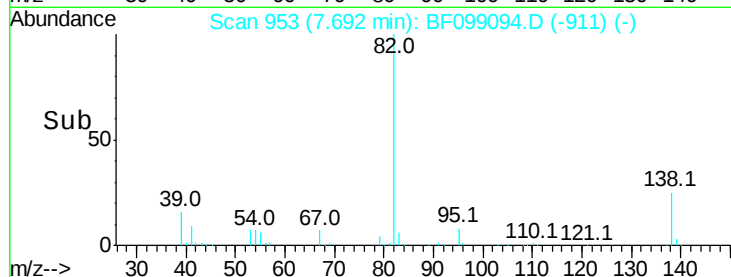
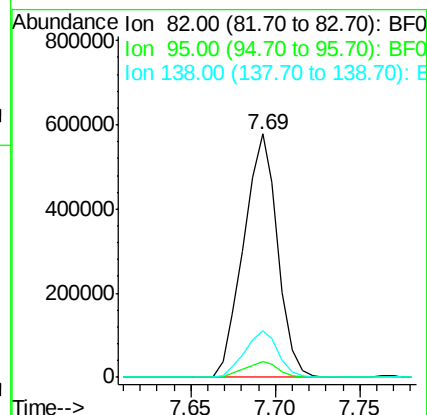
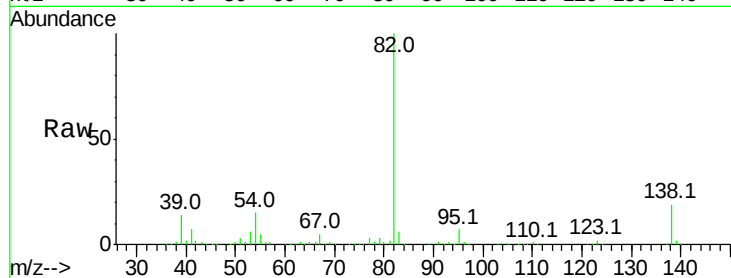
Tot Ion: 82 Resp: 808792

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 19.0 14.9 22.3



#26

2-Nitrophenol

Concen: 45.869 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.05 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

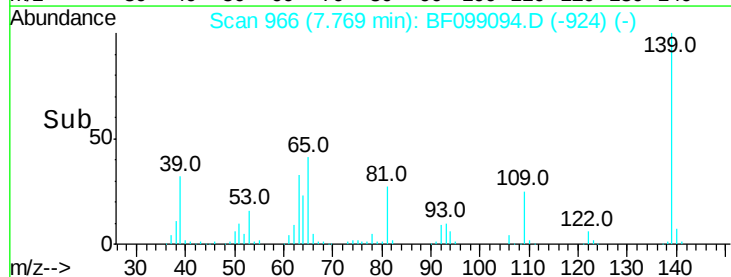
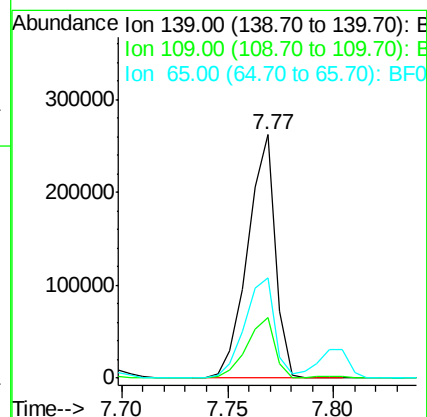
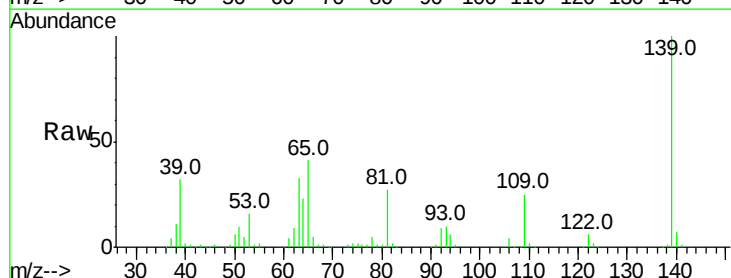
Tgt Ion: 139 Resp: 237657

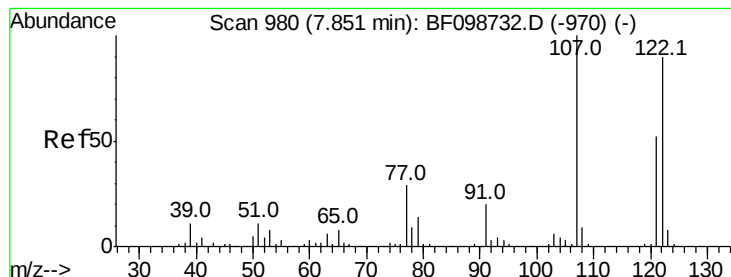
Ion Ratio Lower Upper

139 100

109 24.6 22.7 34.1

65 41.3 40.5 60.7

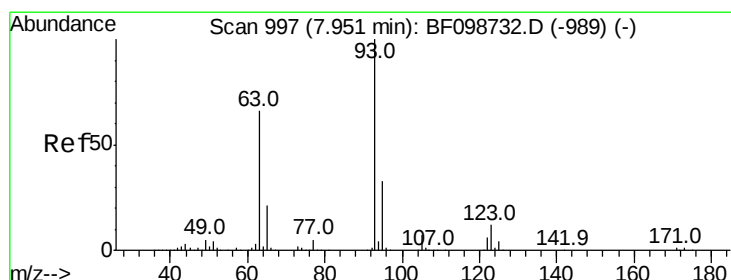
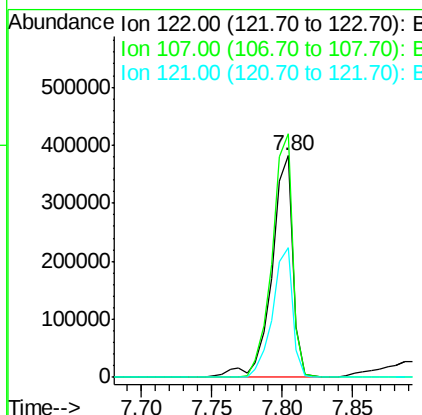
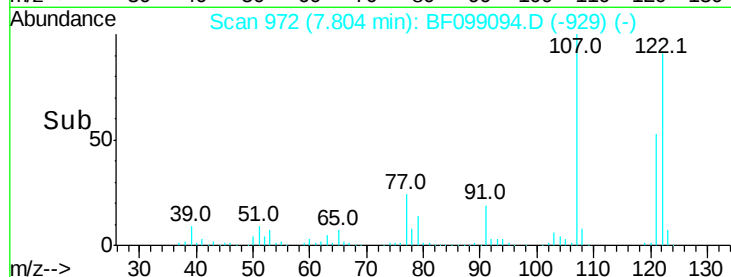
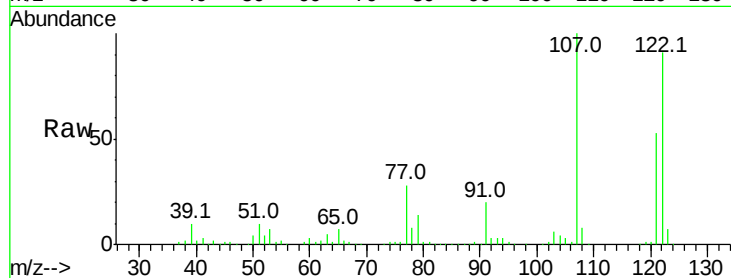




#27
 2,4-Dimethylphenol
 Concen: 40.908 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.05 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

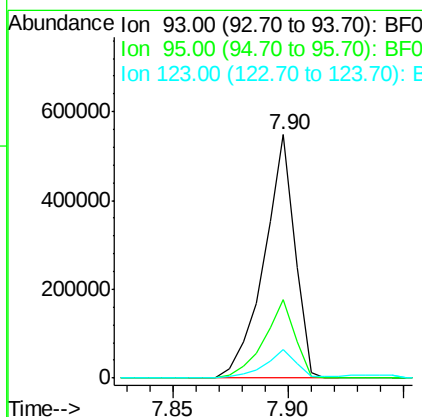
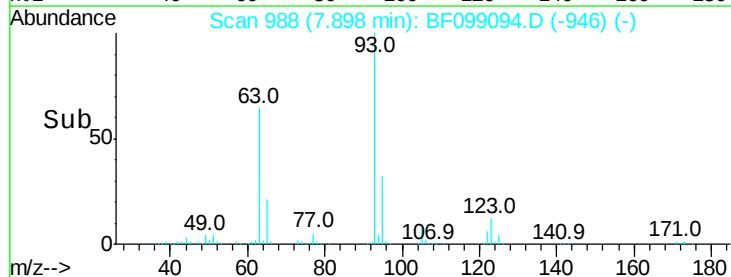
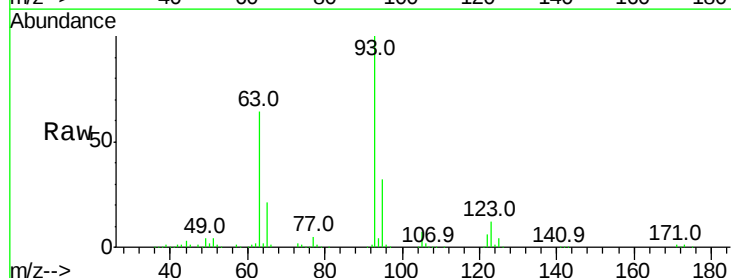
Instrument :
 BNA_F
 ClientSampleId :

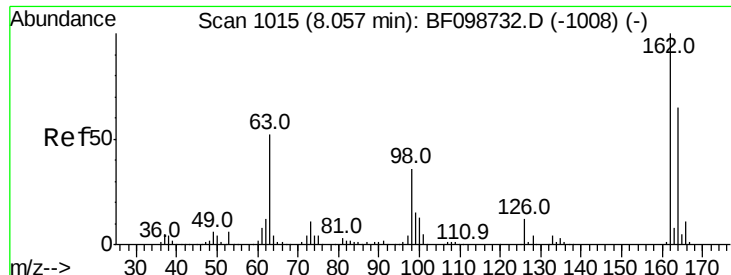
Tot Ion:122 Resp: 400274
 Ion Ratio Lower Upper
 122 100
 107 109.9 91.2 136.8
 121 58.6 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.375 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.05 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion: 93 Resp: 506344
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.3 39.5
 123 11.7 9.8 14.6

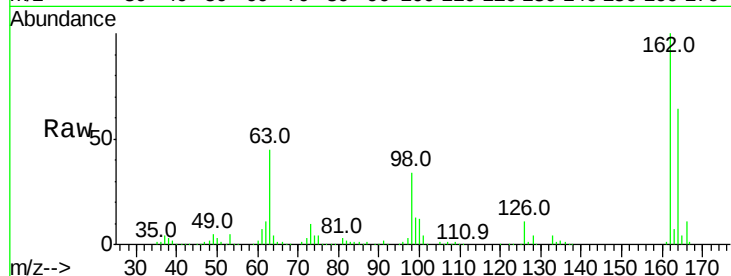




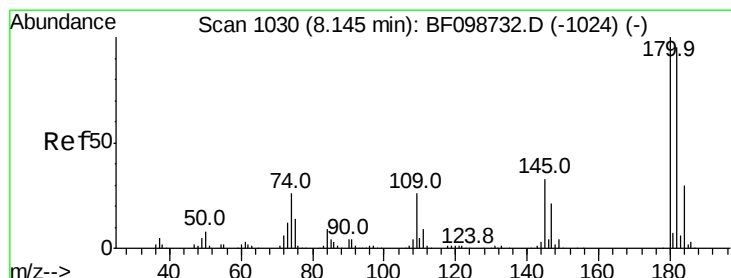
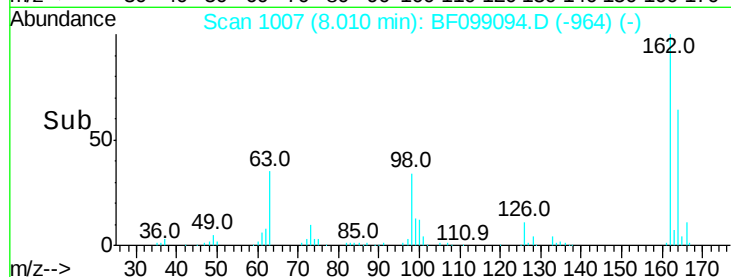
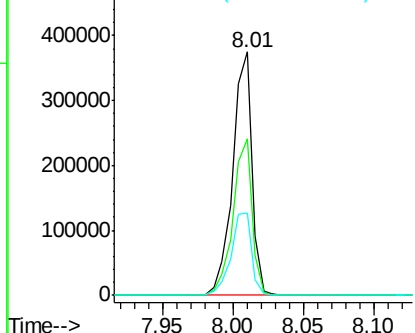
#29
 2,4-Dichlorophenol
 Concen: 42.332 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.05 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.7	82.7
98	33.7	18.1	58.1

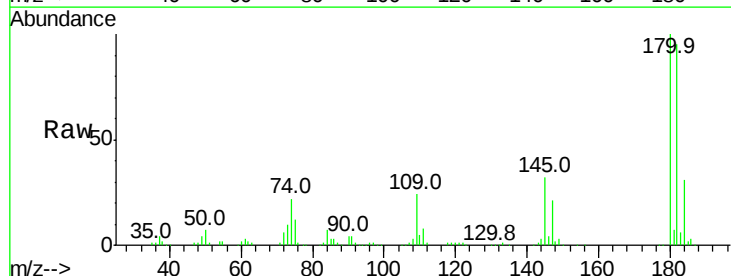


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

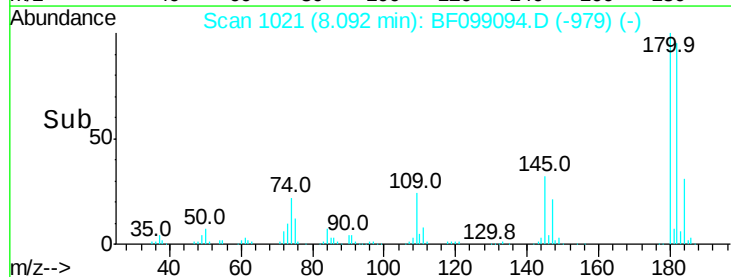
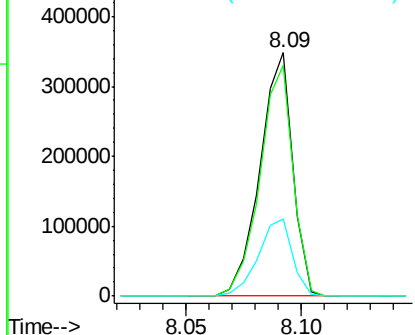


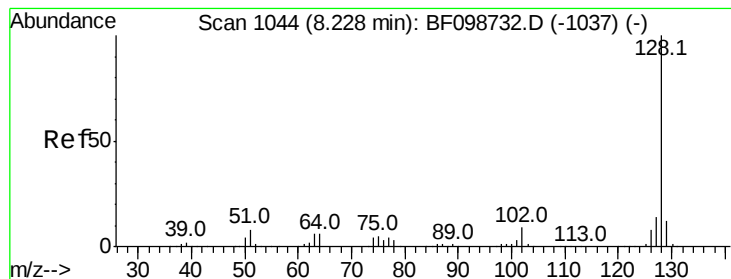
#30
 1,2,4-Trichlorobenzene
 Concen: 40.877 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.05 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.8	115.2
145	31.9	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: 40.545 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

ClientSampleId :

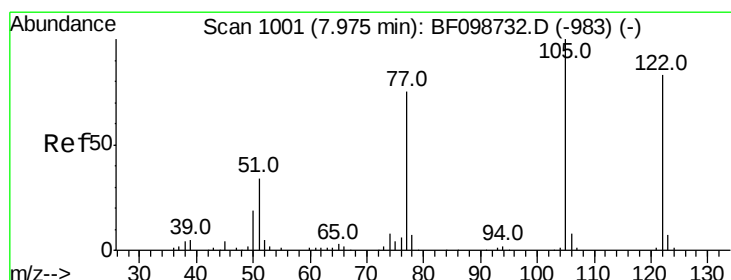
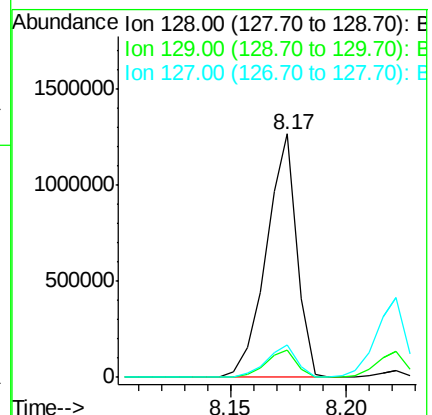
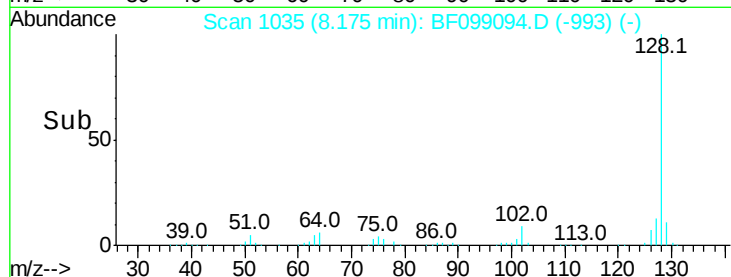
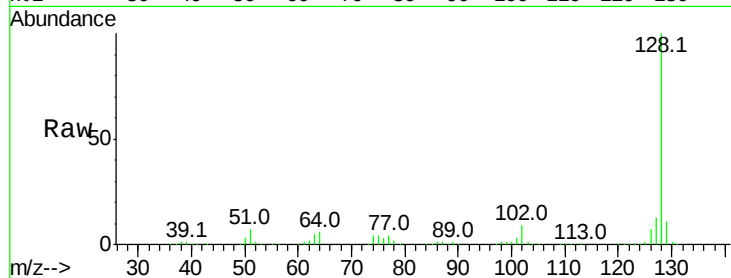
Tot Ion:128 Resp: 1159916

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.3 10.9 16.3



#32

Benzoic acid

Concen: 29.432 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.04 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

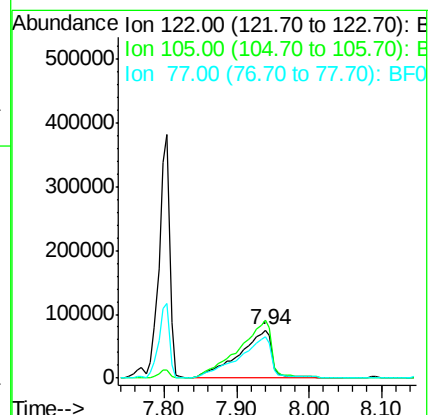
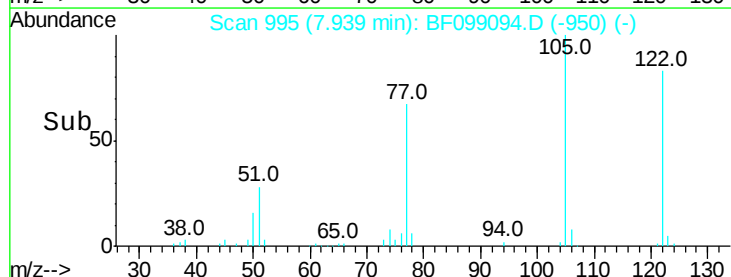
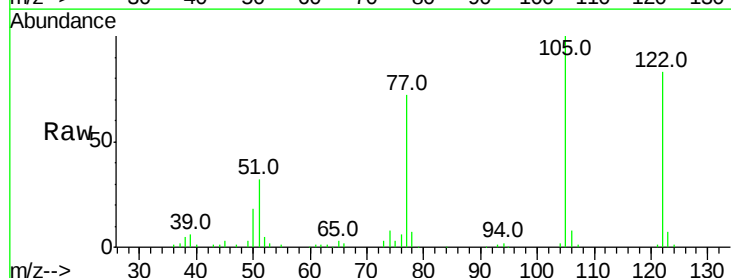
Tgt Ion:122 Resp: 236563

Ion Ratio Lower Upper

122 100

105 120.4 101.1 141.1

77 86.5 70.7 110.7

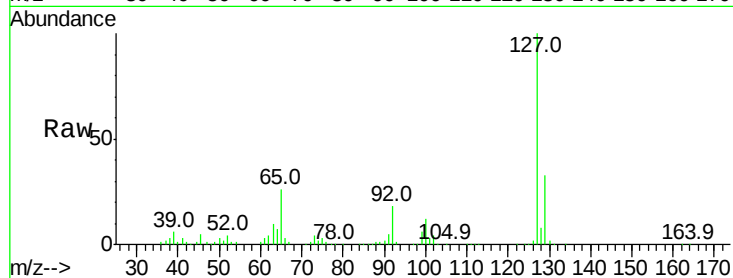




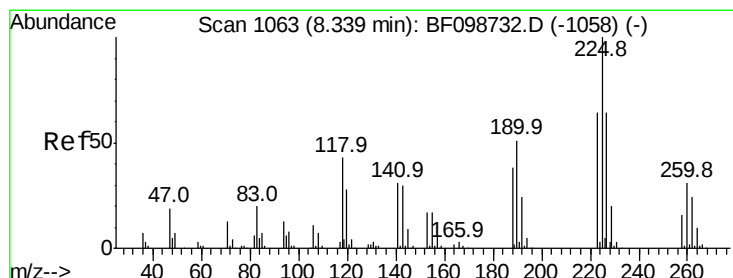
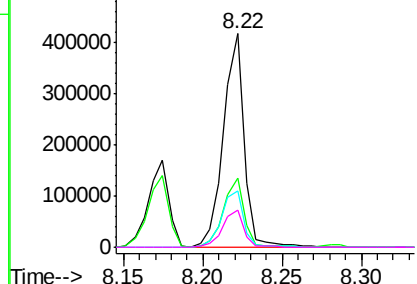
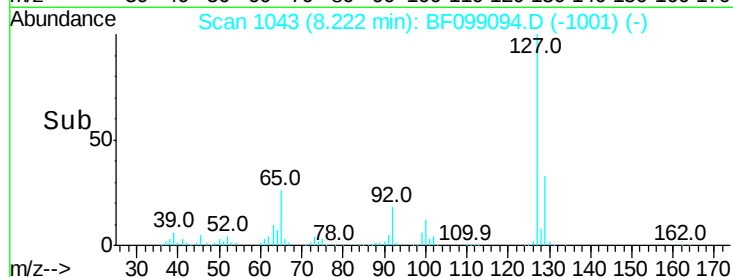
#33
4-Chloroaniline
Concen: 31.605 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	377582
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	26.2	25.0	37.4
92	17.6	15.2	22.8

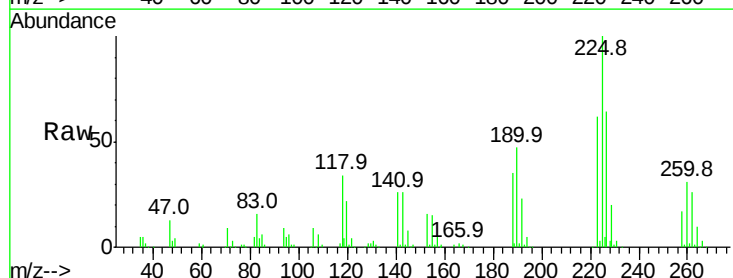


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

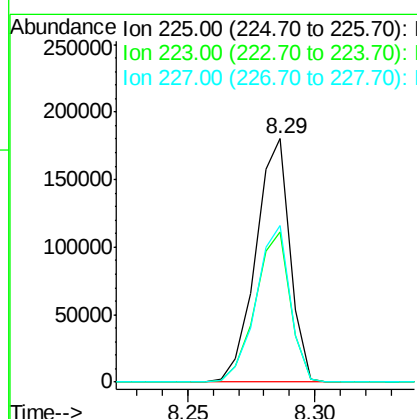
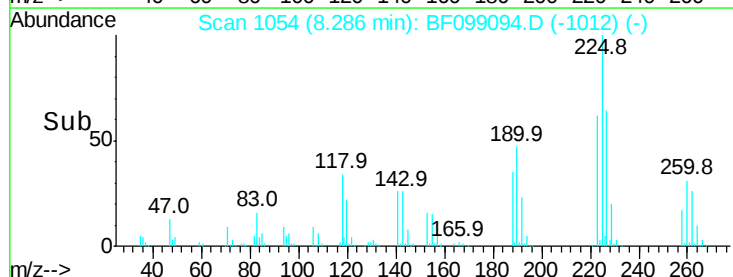


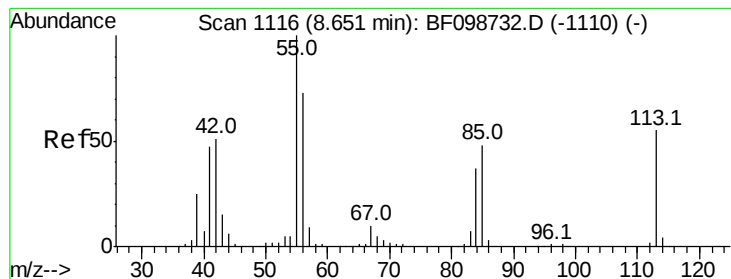
#34
Hexachlorobutadiene
Concen: 39.192 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.05 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion:	225	Resp:	169613
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.6	76.0
227	64.3	51.9	77.9



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





#35

Caprolactam

Concen: 8.003 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

ClientSampleId :

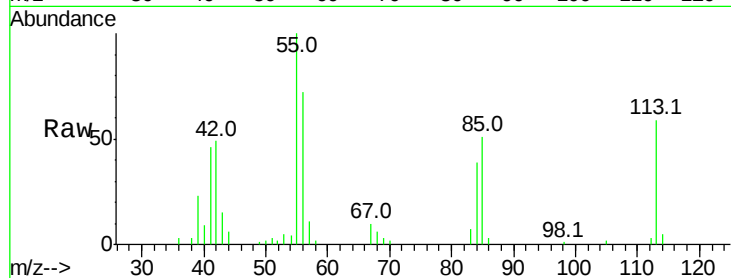
Tot Ion:113 Resp: 21566

Ion Ratio Lower Upper

113 100

55 168.8 163.3 203.3

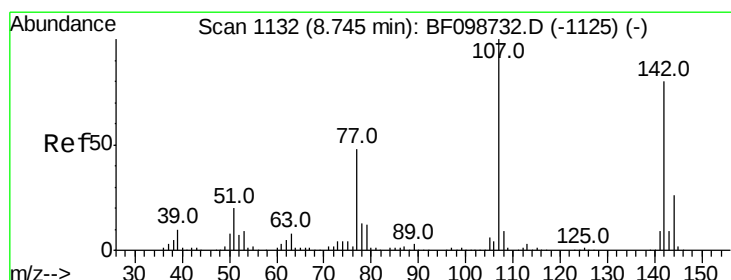
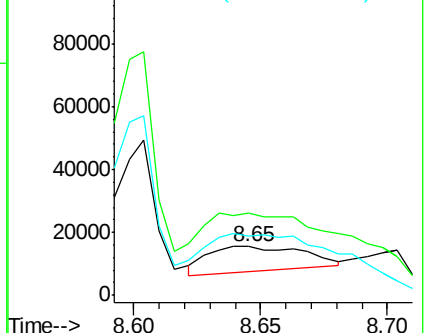
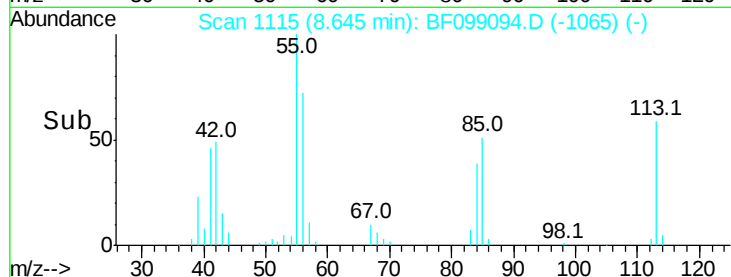
56 121.9 115.7 155.7



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: 40.386 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.04 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

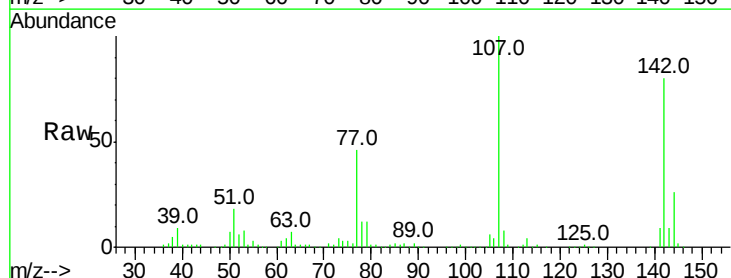
Tgt Ion:107 Resp: 381346

Ion Ratio Lower Upper

107 100

144 26.5 20.5 30.7

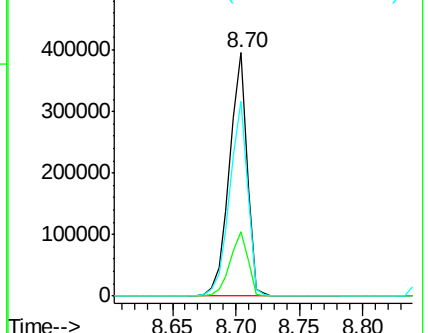
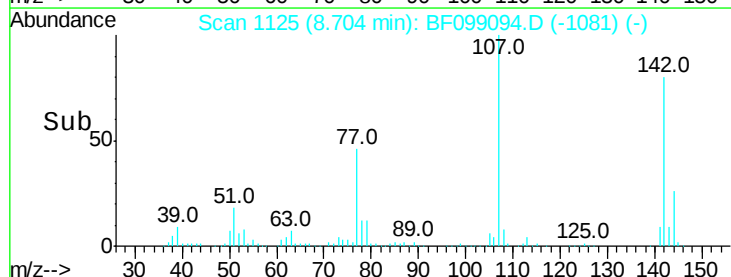
142 80.2 62.0 93.0

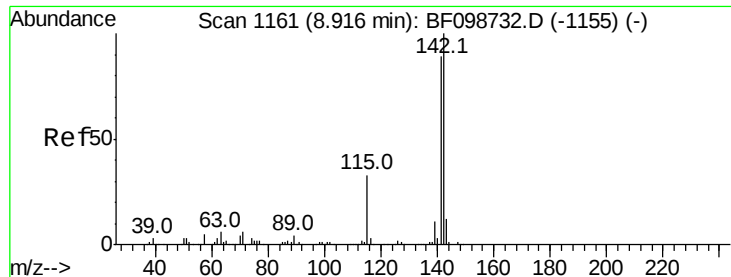


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

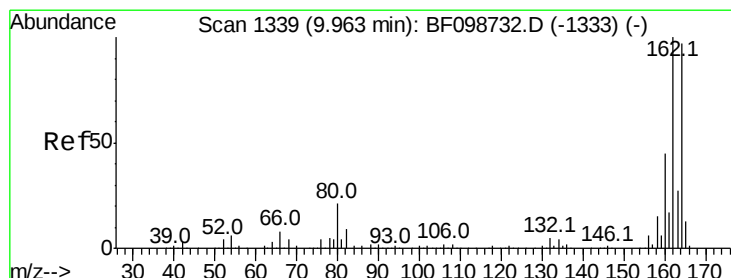
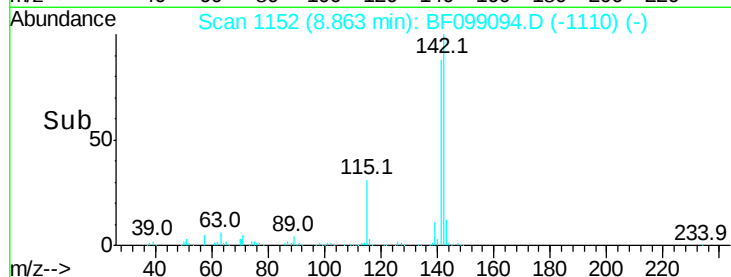
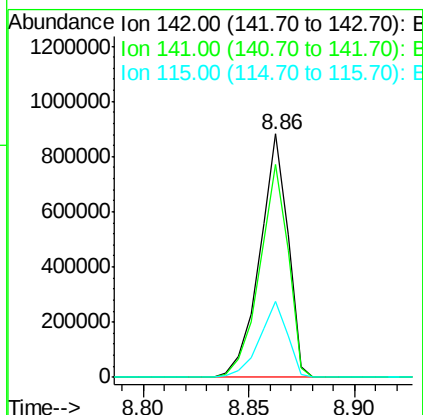
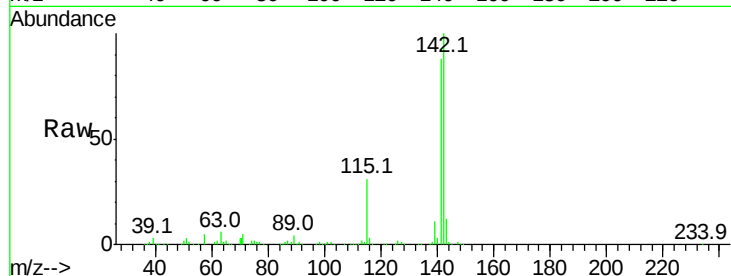




#37
2-Methylnaphthalene
Concen: 43.998 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.05 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

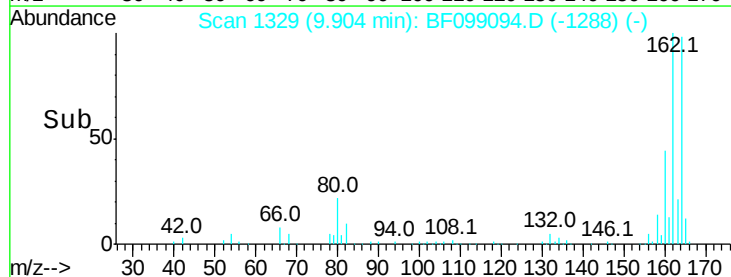
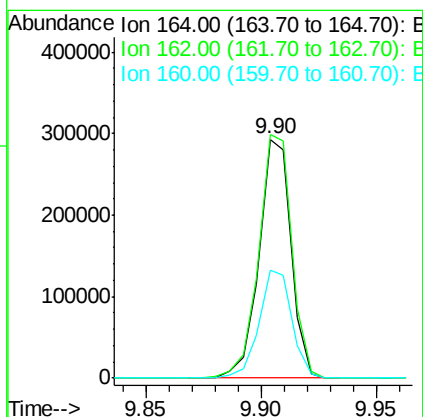
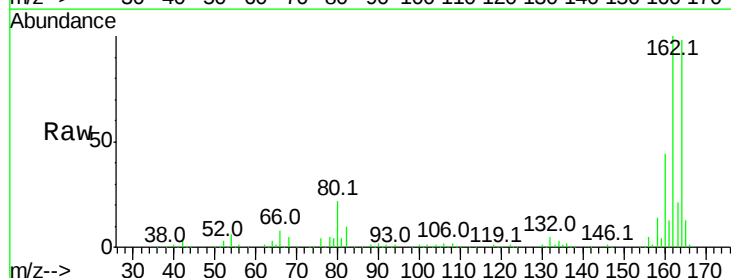
Instrument :
BNA_F
ClientSampleId :

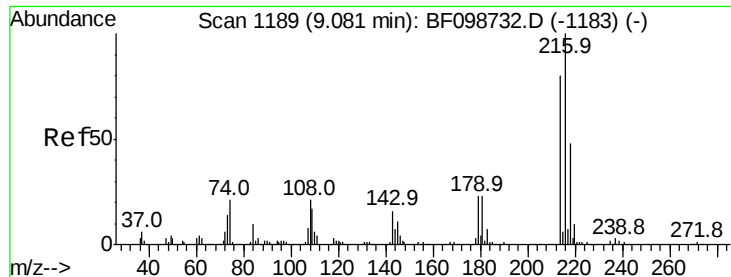
Tot Ion:142 Resp: 818259
Ion Ratio Lower Upper
142 100
141 87.6 70.8 106.2
115 31.2 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.06 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion:164 Resp: 283487
Ion Ratio Lower Upper
164 100
162 102.1 86.1 129.1
160 45.3 38.3 57.5

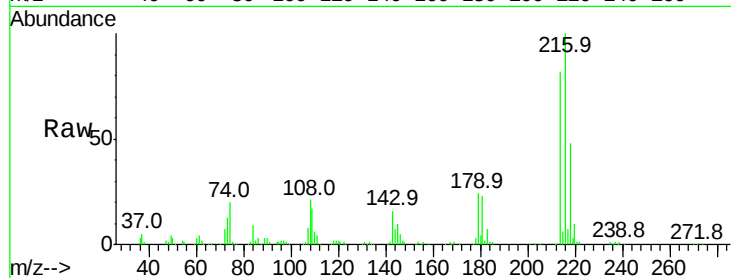




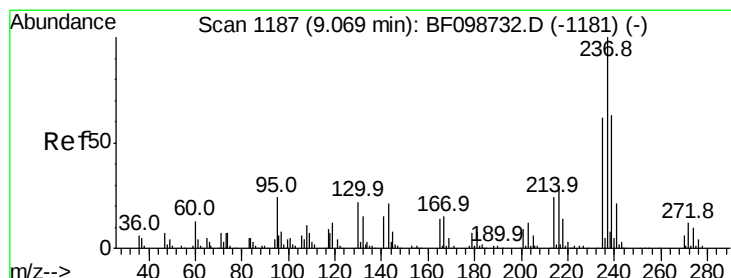
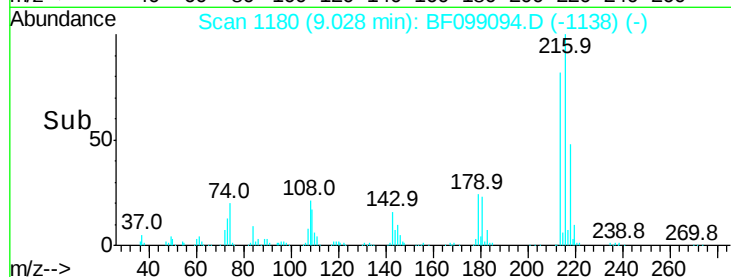
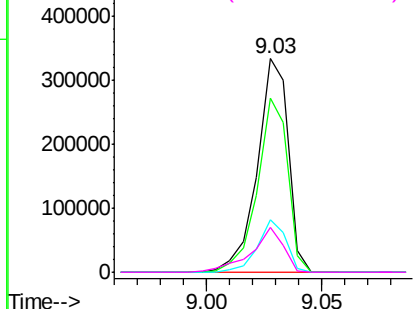
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.000 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.05 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	312816
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.4
179	22.8	18.1	27.1
108	21.9	17.2	25.8

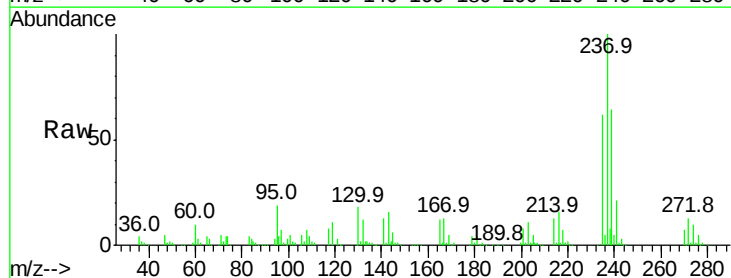


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

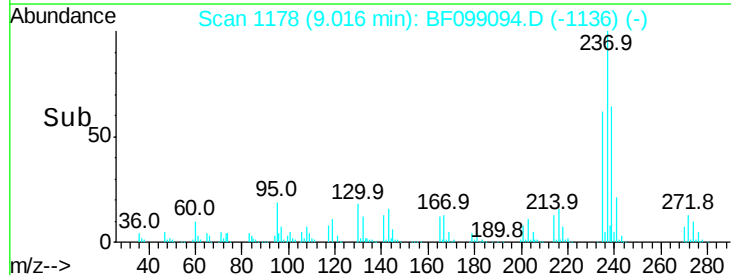
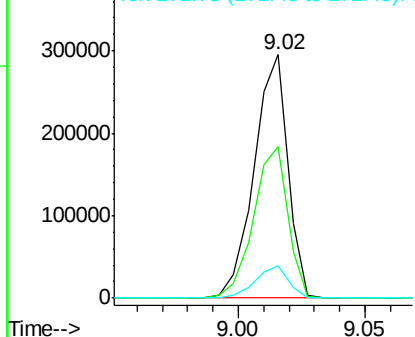


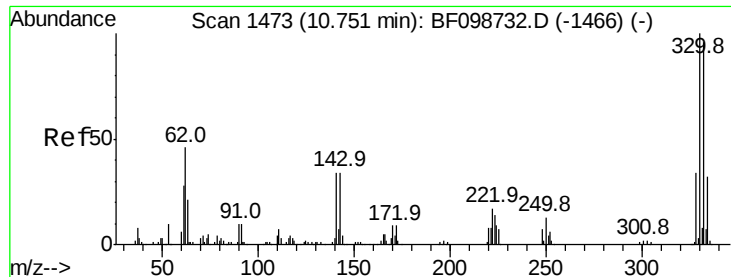
#40
 Hexachlorocyclopentadiene
 Concen: 71.180 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.05 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion:	237	Resp:	275013
Ion	Ratio	Lower	Upper
237	100		
235	62.4	44.8	84.8
272	13.5	0.0	33.3



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

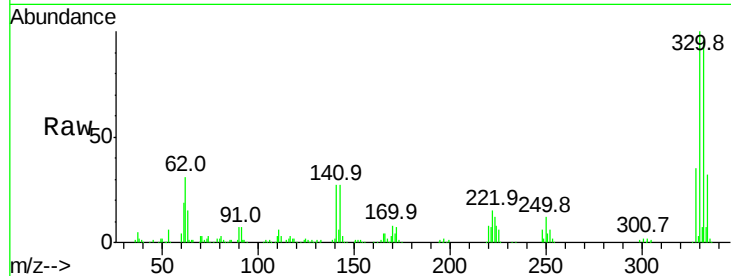




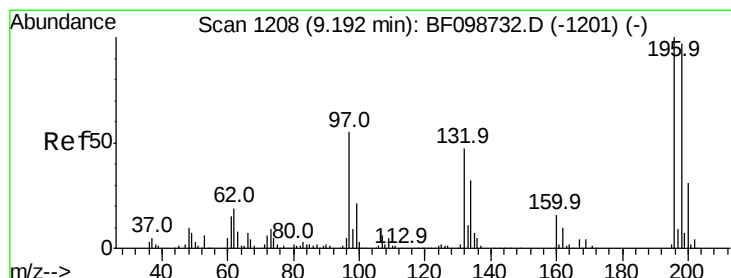
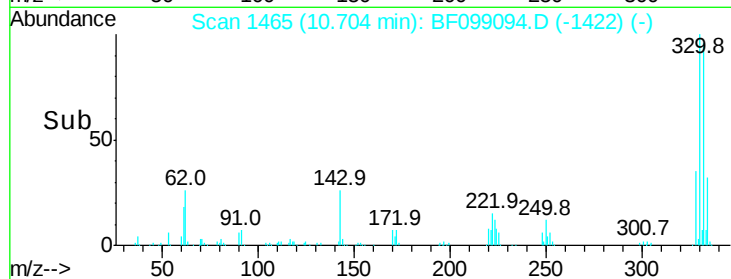
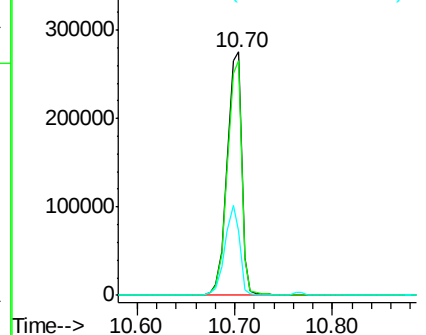
#41
 2,4,6-Tribromophenol
 Concen: 124.359 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.05 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	37.3	29.9	44.9

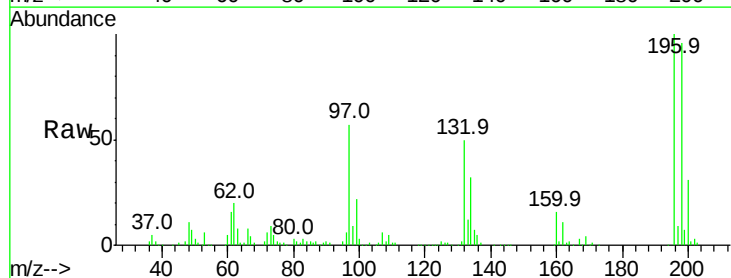


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

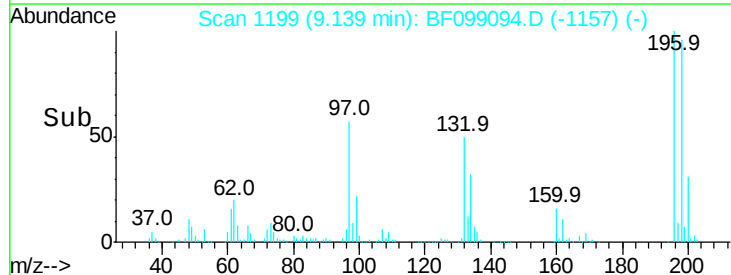
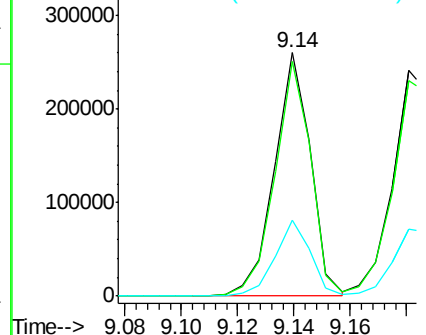


#42
 2,4,6-Trichlorophenol
 Concen: 38.427 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.05 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.7	113.5
200	30.9	24.5	36.7



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

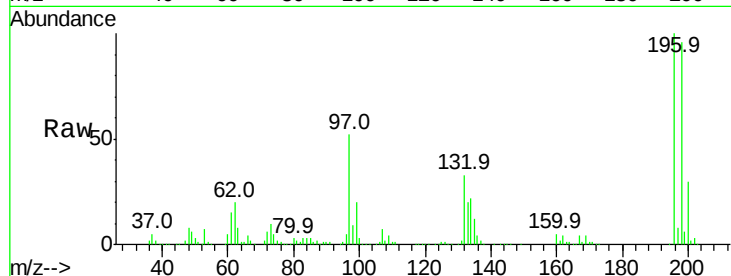




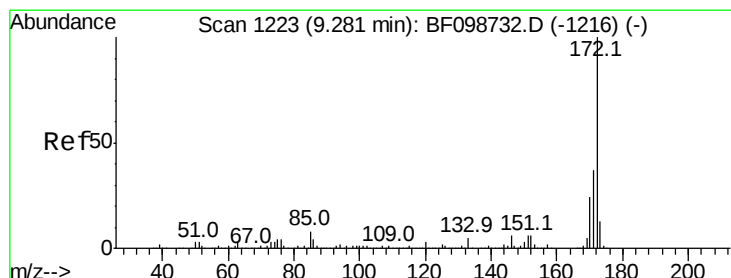
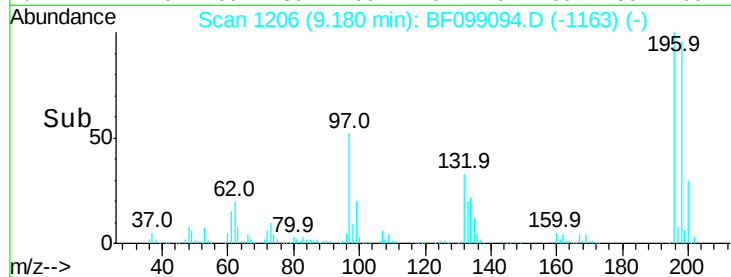
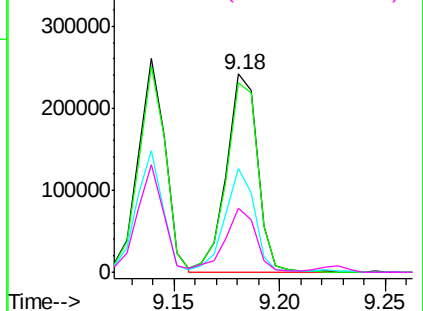
#43
 2,4,5-Trichlorophenol
 Concen: 40.943 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.05 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	244796
Ion	Ratio	Lower	Upper
196	100		
198	95.7	74.6	112.0
97	52.2	42.9	64.3
132	32.5	26.3	39.5

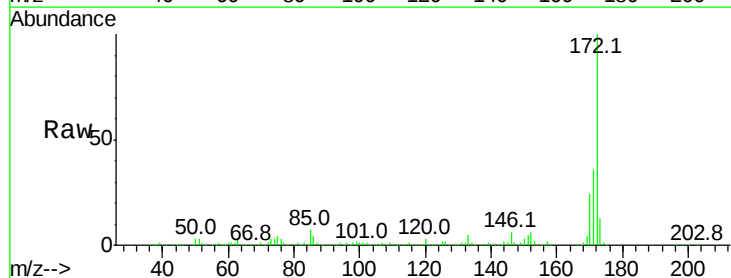


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

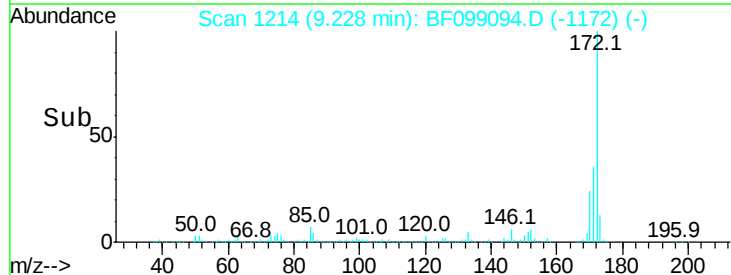
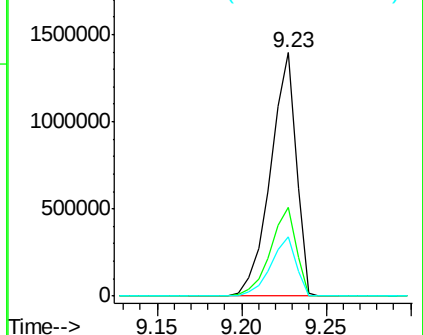


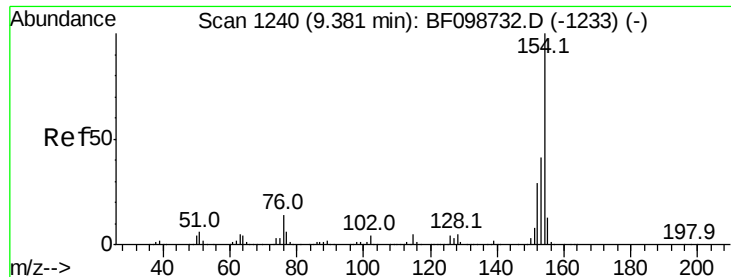
#44
 2-Fluorobiphenyl
 Concen: 85.520 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.05 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion:	172	Resp:	1452225
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.5	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: 38.288 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.05 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

ClientSampled :

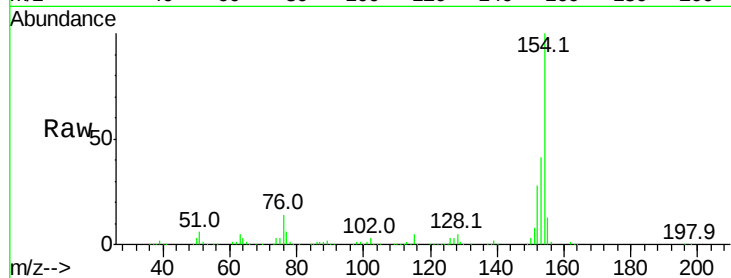
Tot Ion:154 Resp: 932849

Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

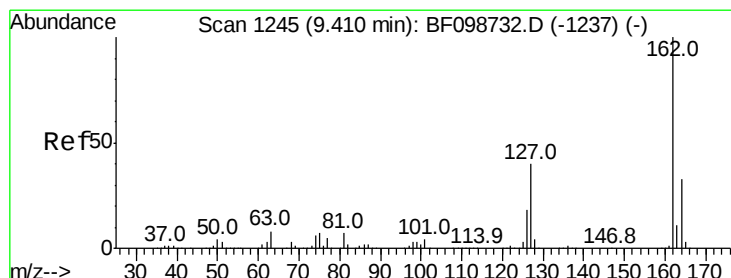
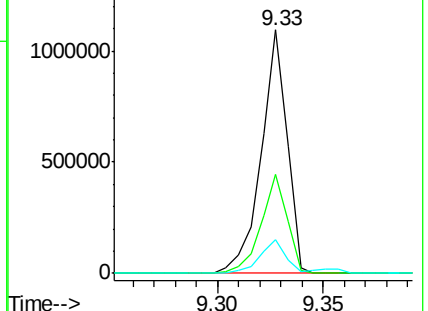
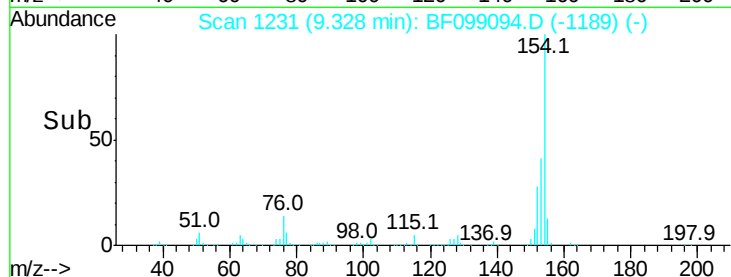
76 13.6 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.285 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.05 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

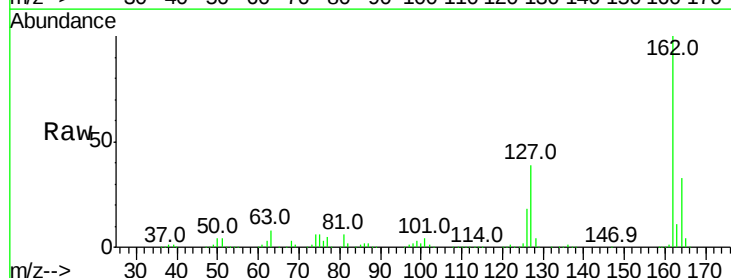
Tgt Ion:162 Resp: 736934

Ion Ratio Lower Upper

162 100

127 38.7 33.9 50.9

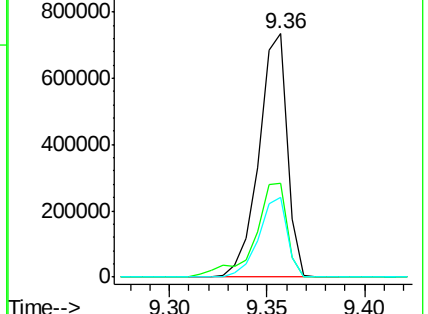
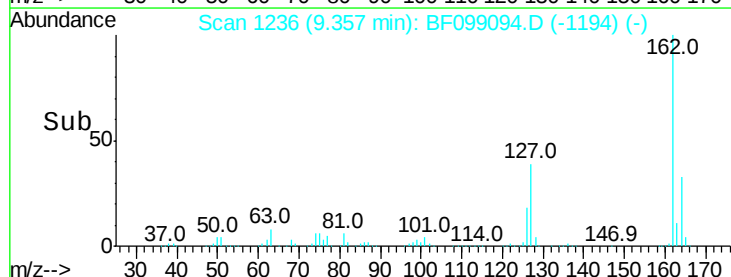
164 32.8 26.5 39.7

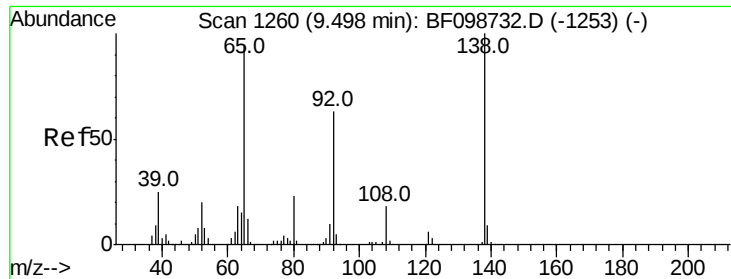


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.818 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.05 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

ClientSampleId :

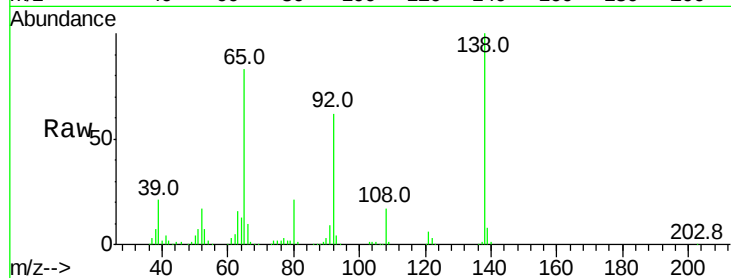
Tot Ion: 65 Resp: 228633

Ion Ratio Lower Upper

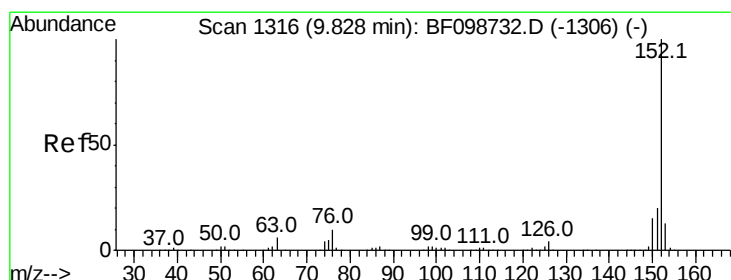
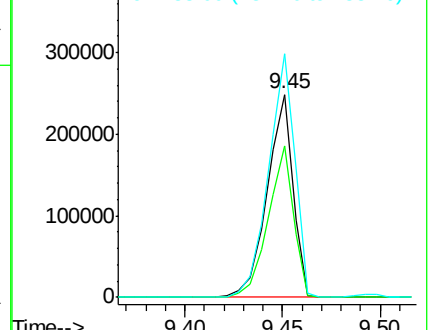
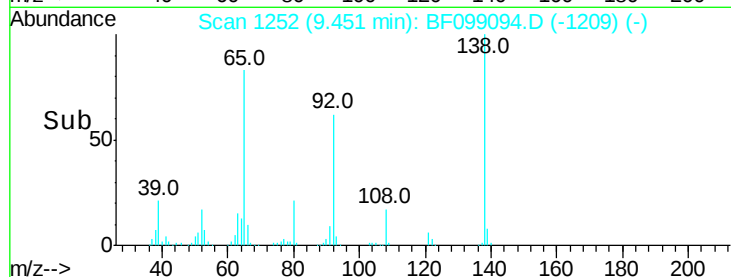
65 100

92 74.6 55.8 83.6

138 119.9 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 40.745 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.06 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

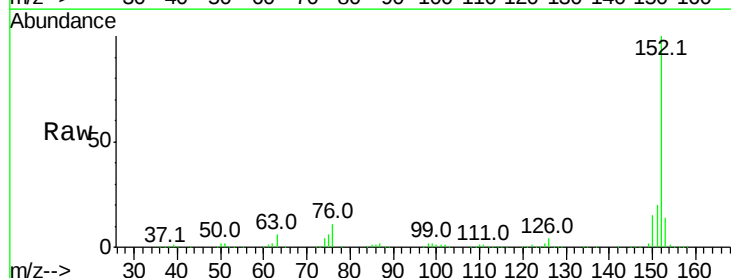
Tgt Ion: 152 Resp: 1140996

Ion Ratio Lower Upper

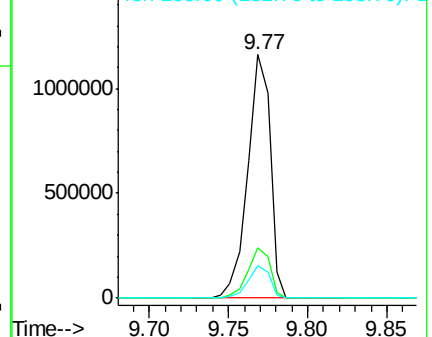
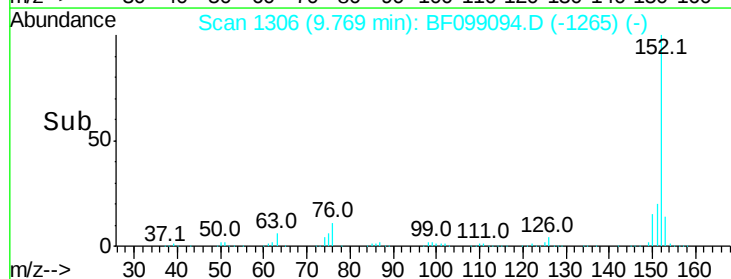
152 100

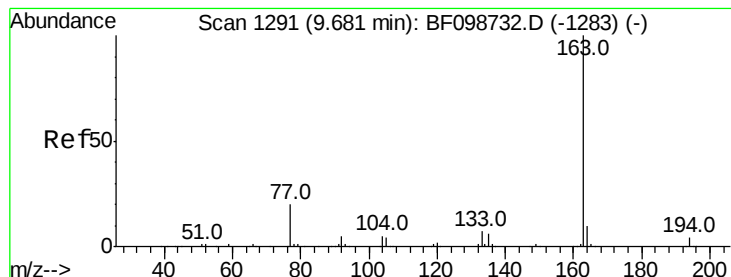
151 20.5 16.3 24.5

153 13.5 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: 41.286 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.05 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

ClientSampleId :

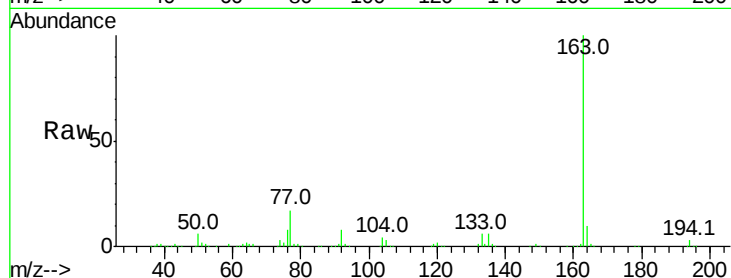
Tot Ion:163 Resp: 883354

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

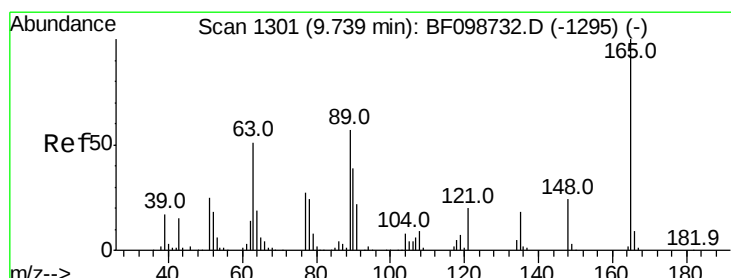
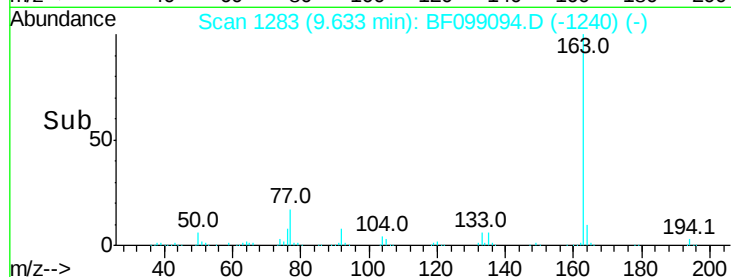
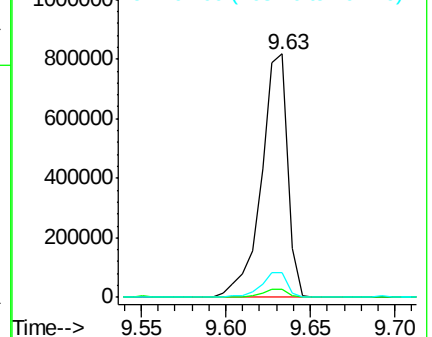
164 10.1 8.2 12.2



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: 43.258 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.05 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

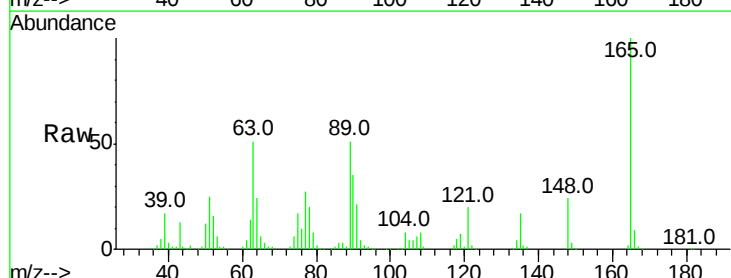
Tgt Ion:165 Resp: 201499

Ion Ratio Lower Upper

165 100

63 50.7 44.7 67.1

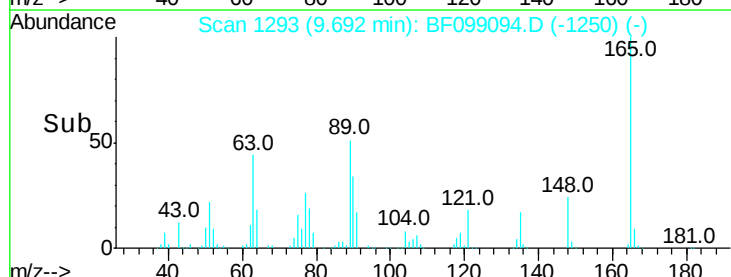
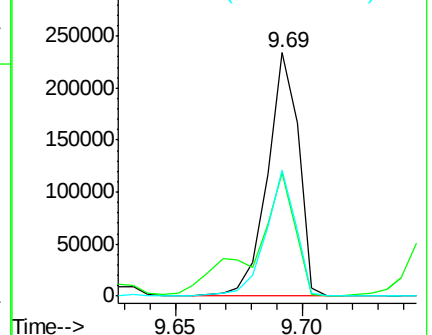
89 51.4 44.0 66.0



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: 37.369 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.05 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

ClientSampleId :

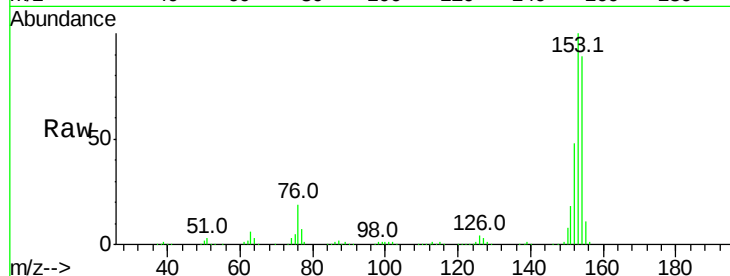
Tot Ion:154 Resp: 662888

Ion Ratio Lower Upper

154 100

153 112.1 91.2 136.8

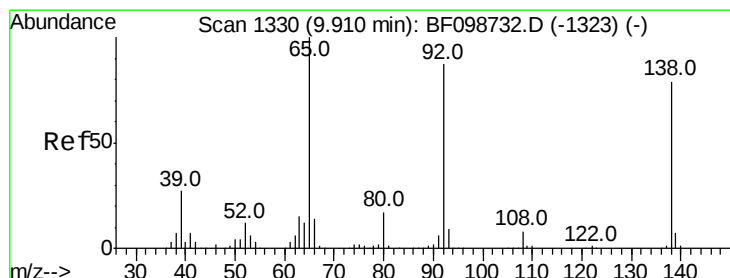
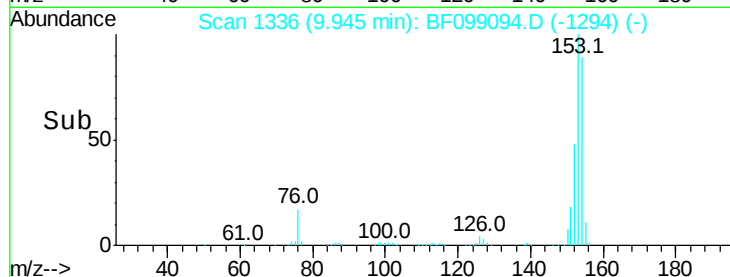
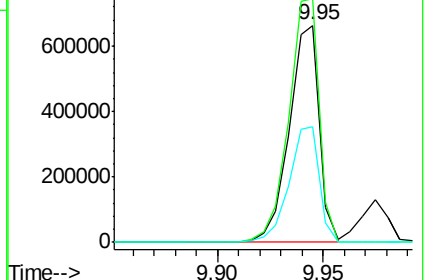
152 53.4 43.8 65.8



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: 34.297 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.05 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

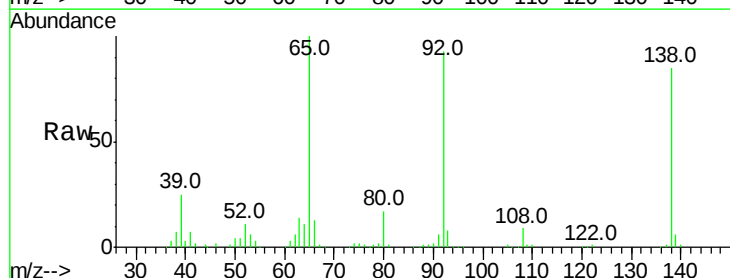
Tgt Ion:138 Resp: 186280

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

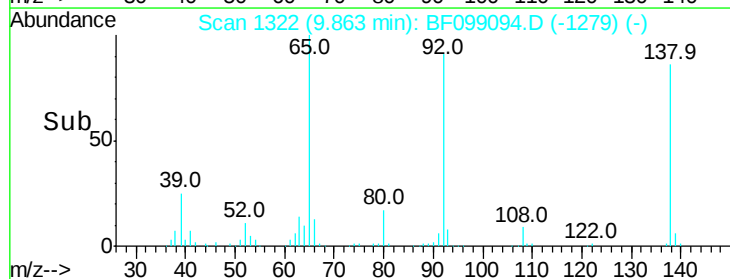
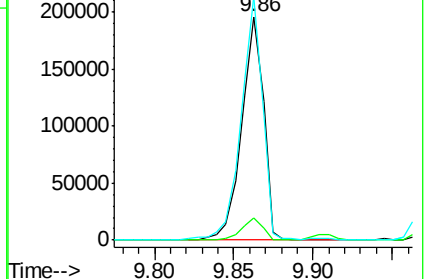
92 109.1 89.4 134.2

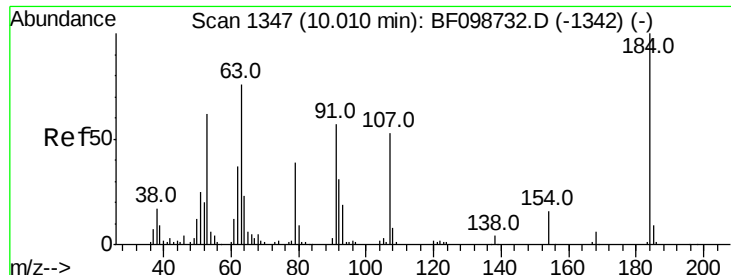


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

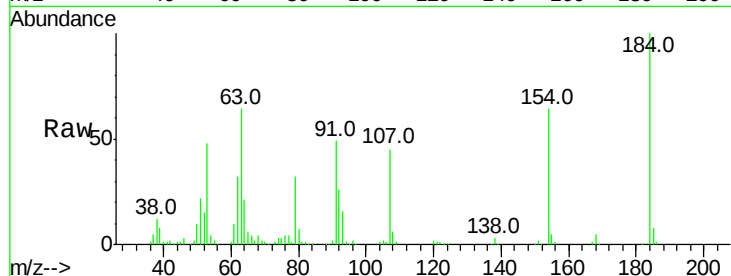




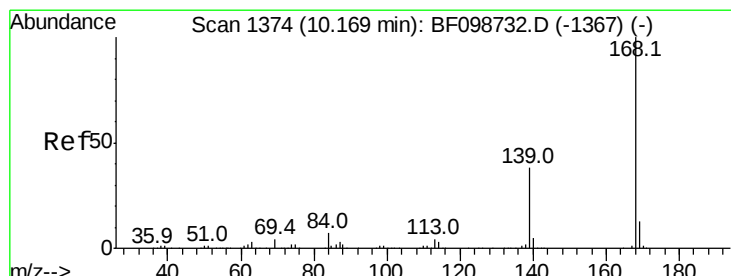
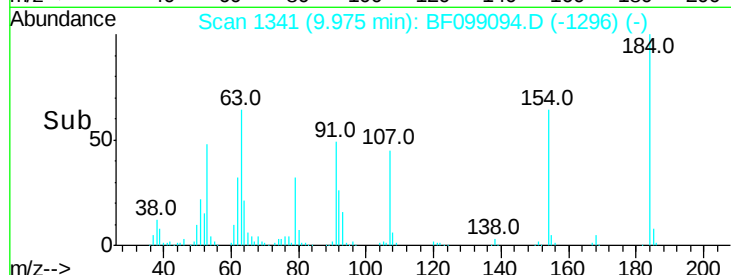
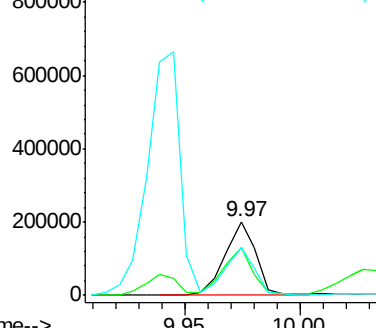
#53
 2,4-Dinitrophenol
 Concen: 78.771 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.03 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 190795
 Ion Ratio Lower Upper
 184 100
 63 64.0 54.2 81.2
 154 64.5 53.5 80.3

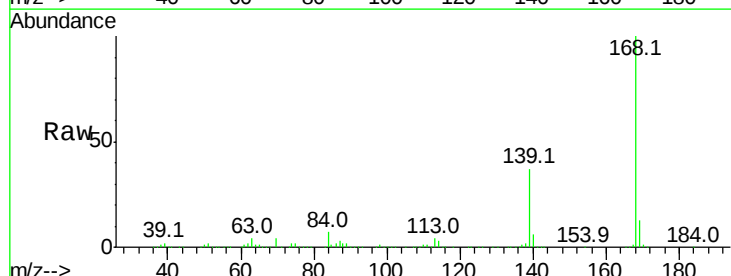


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

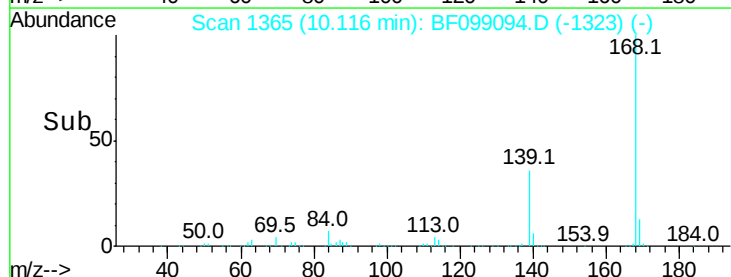
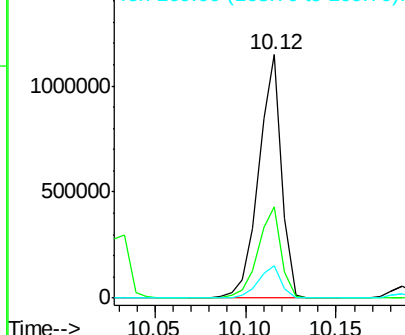


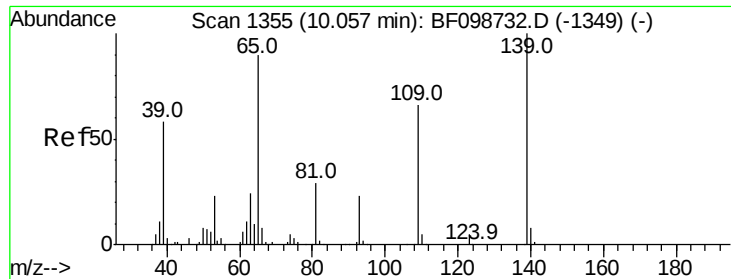
#54
 Dibenzofuran
 Concen: 42.351 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.05 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion:168 Resp: 1000274
 Ion Ratio Lower Upper
 168 100
 139 37.3 30.1 45.1
 169 13.5 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

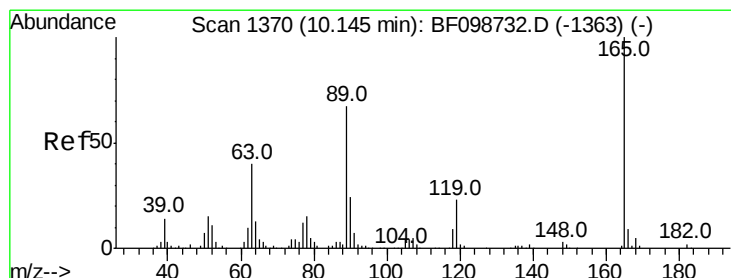
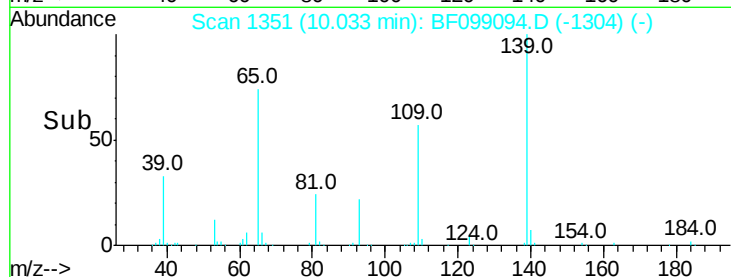
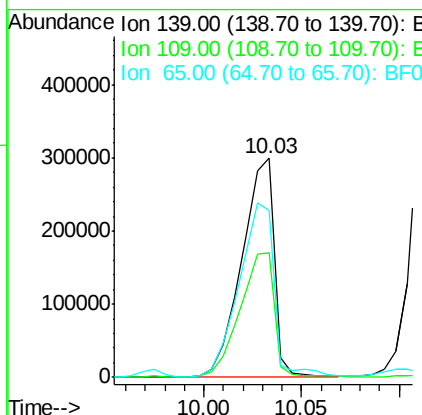
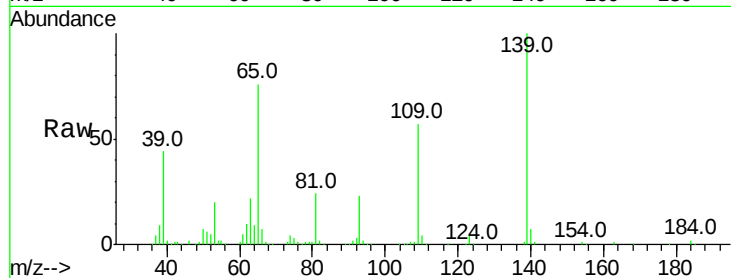




#55
4-Nitrophenol
Concen: 75.934 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

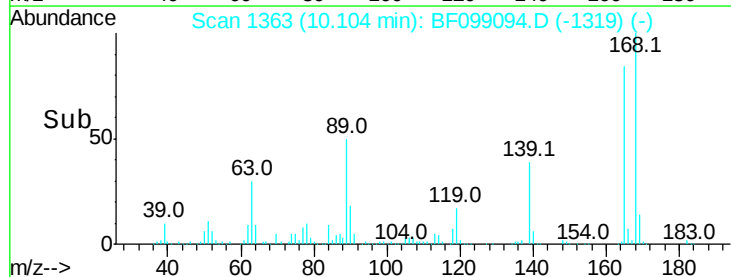
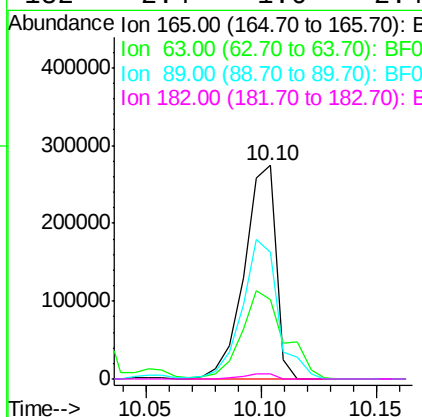
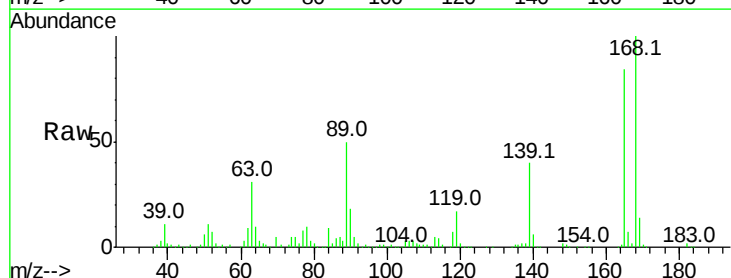
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 348729
Ion Ratio Lower Upper
139 100
109 56.9 48.4 88.4
65 75.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.694 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.04 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion:165 Resp: 264144
Ion Ratio Lower Upper
165 100
63 37.3 36.4 54.6
89 59.0 57.8 86.6
182 2.4 1.6 2.4

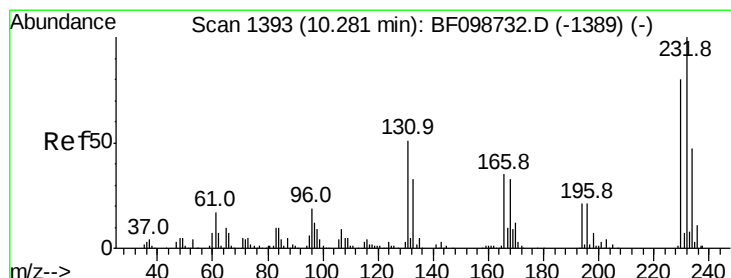
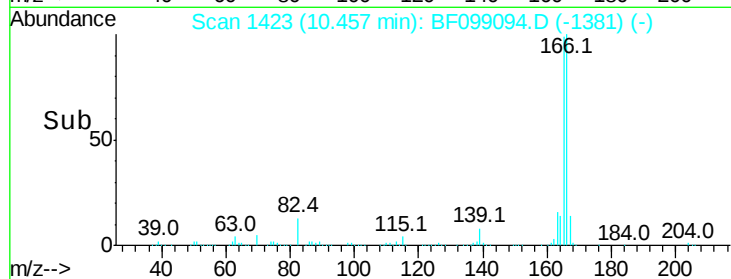
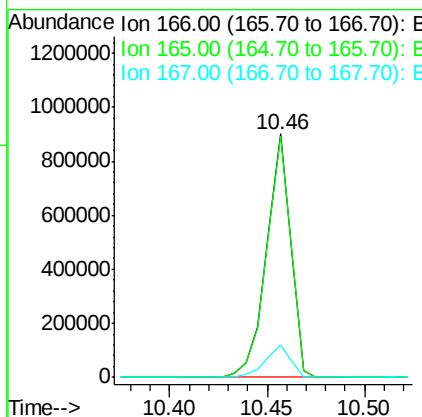
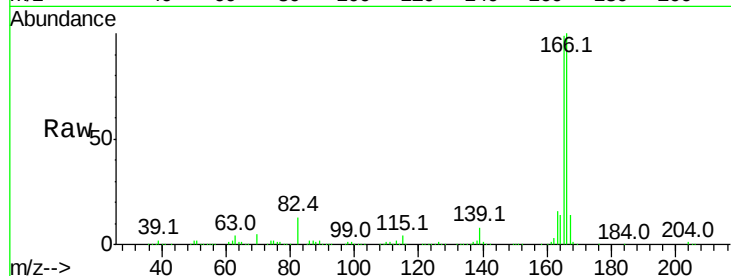




#57
Fluorene
 Concen: 40.742 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.05 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

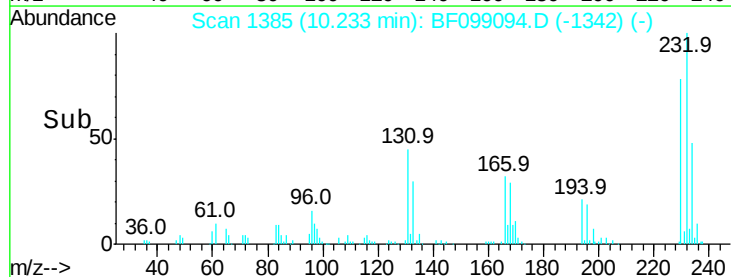
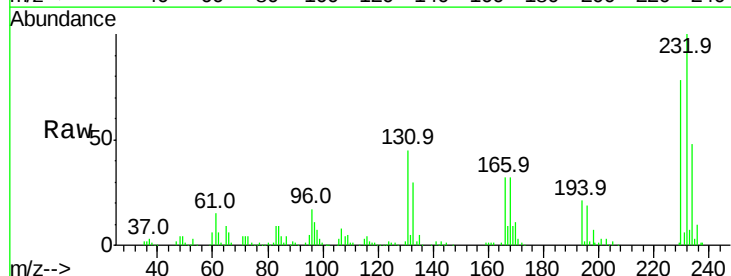
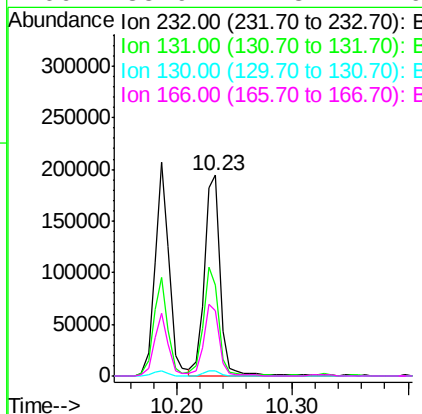
Instrument :
 BNA_F
 ClientSampleId :

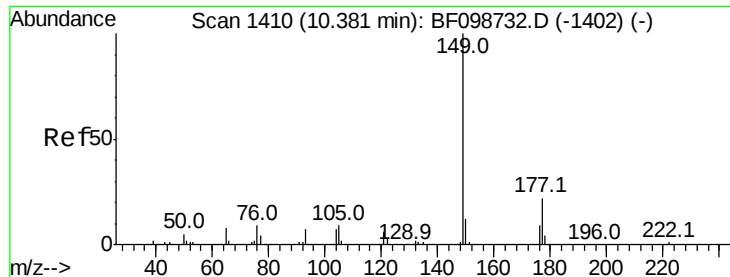
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.8	119.8
167	13.6	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.865 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.05 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.2	43.8	65.8
130	2.5	2.1	3.1
166	35.9	27.8	41.6

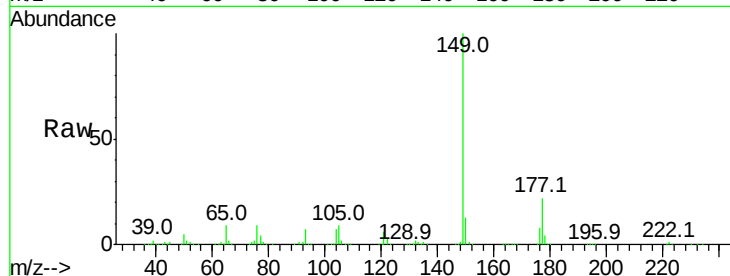




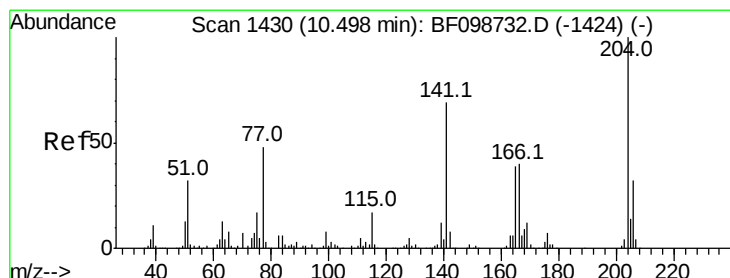
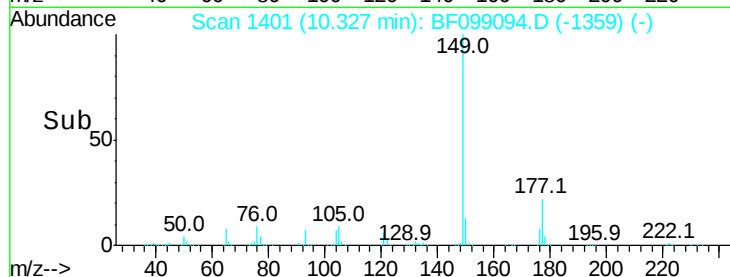
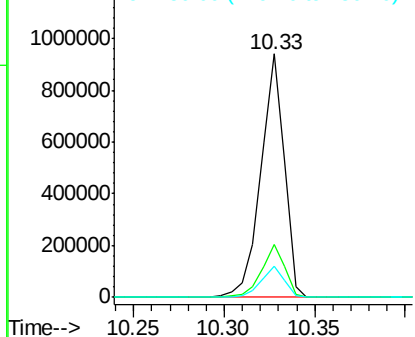
#59
Diethylphthalate
Concen: 40.563 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.05 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 848053
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.5 10.1 15.1

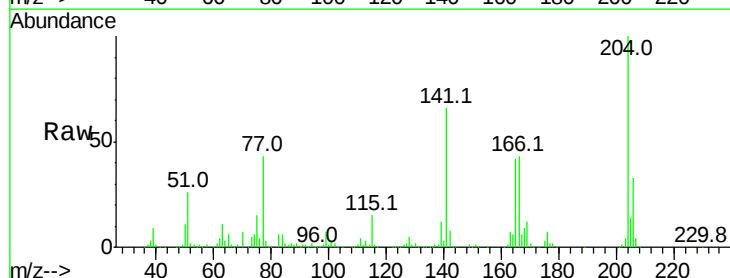


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

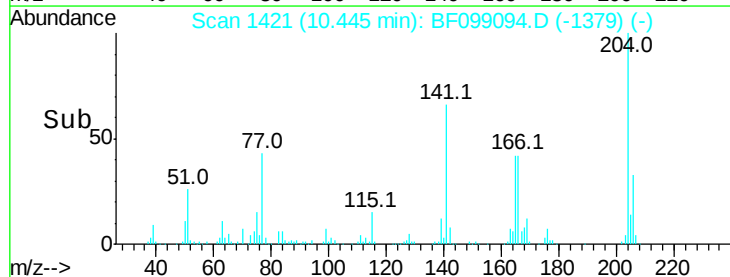
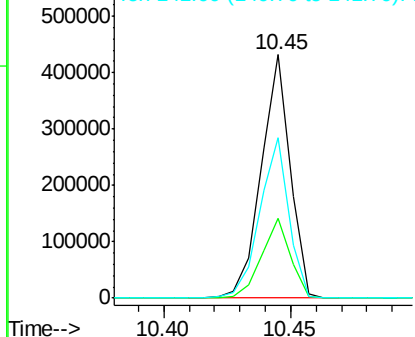


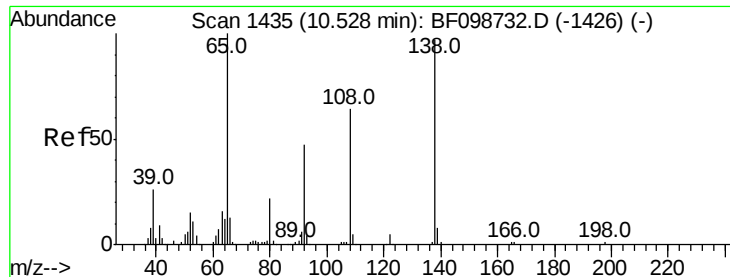
#60
4-Chlorophenyl-phenylether
Concen: 40.222 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.05 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion:204 Resp: 342988
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 65.8 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: 45.332 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.04 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

ClientSampled :

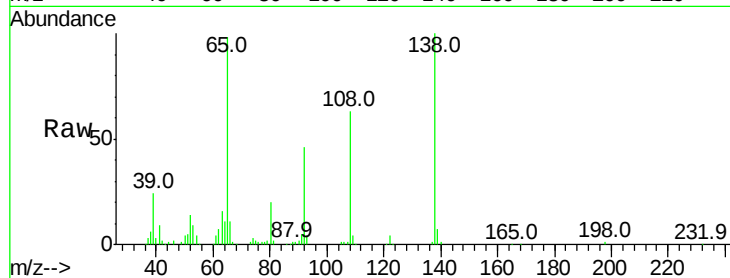
Tot Ion:138 Resp: 237535

Ion Ratio Lower Upper

138 100

92 46.0 30.2 70.2

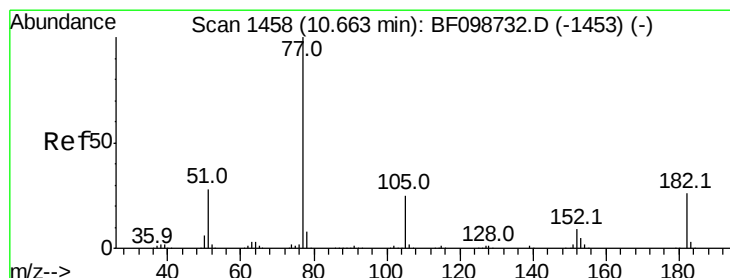
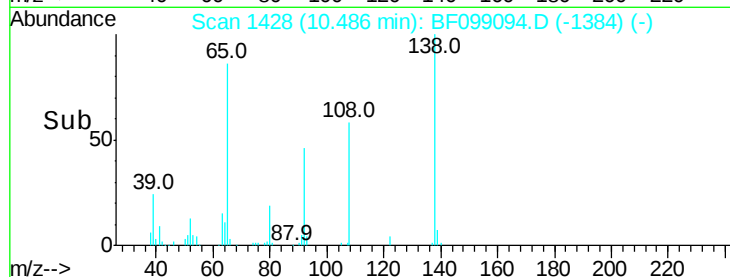
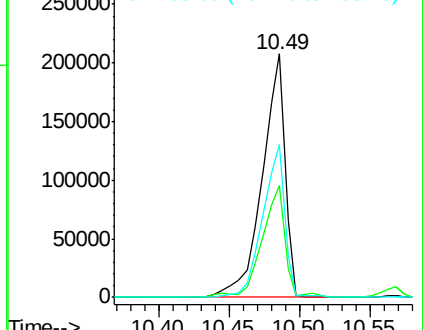
108 62.7 52.5 92.5



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: 41.799 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.06 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Tgt Ion: 77 Resp: 803517

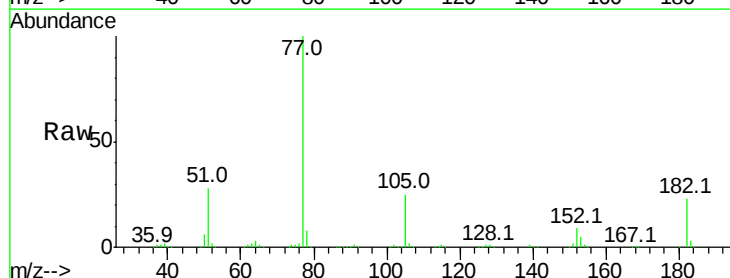
Ion Ratio Lower Upper

77 100

182 23.3 1.7 41.7

105 24.5 3.0 43.0

51 27.9 9.9 49.9

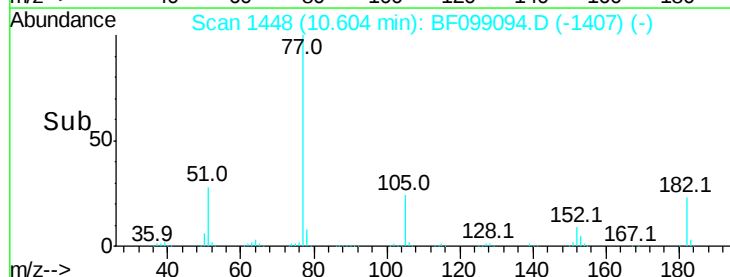
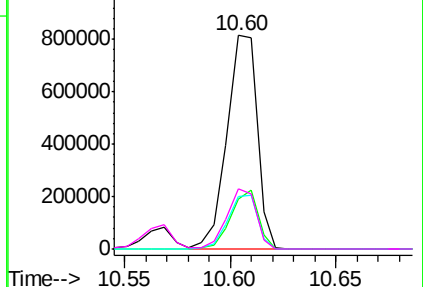


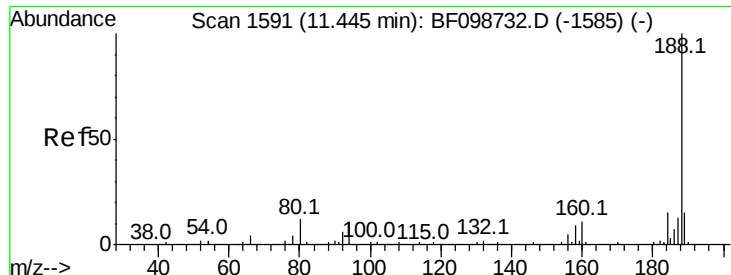
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

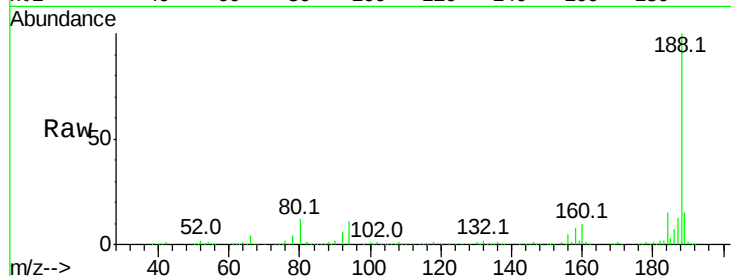




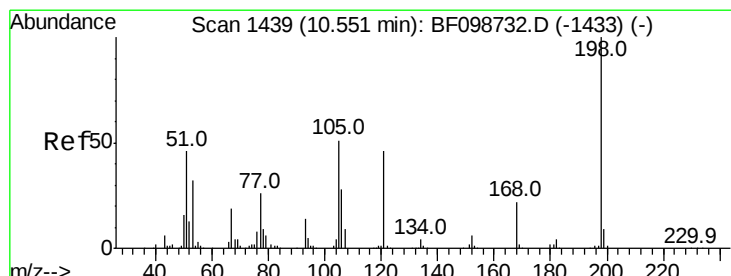
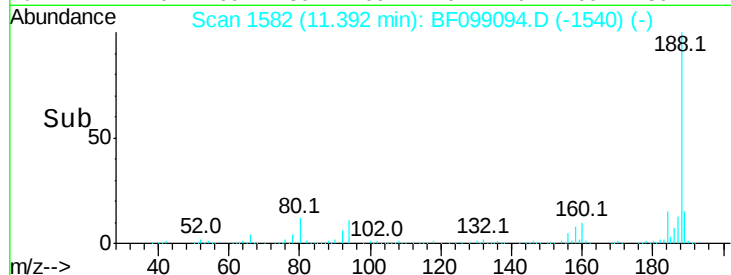
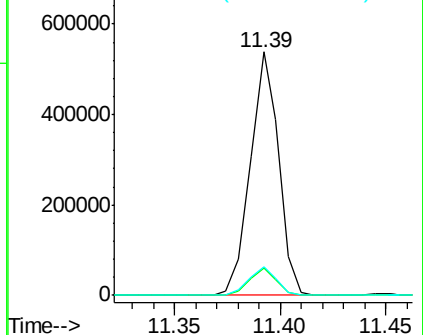
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.05 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 502177
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 12.0 9.2 13.8

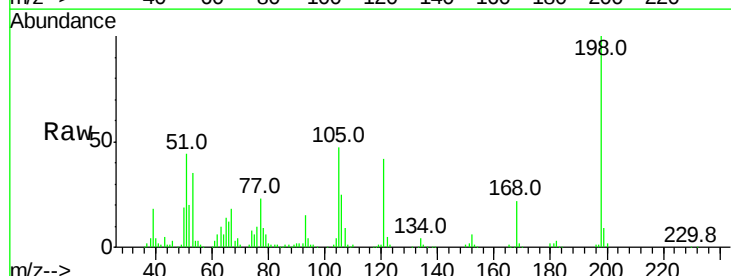


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

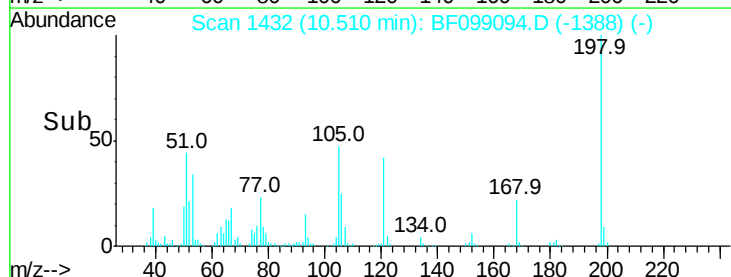
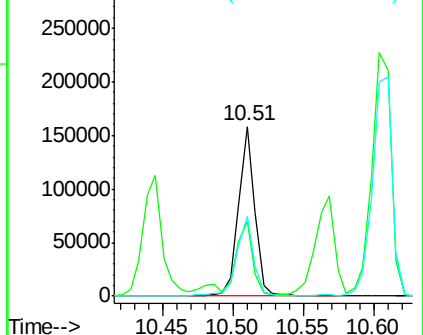


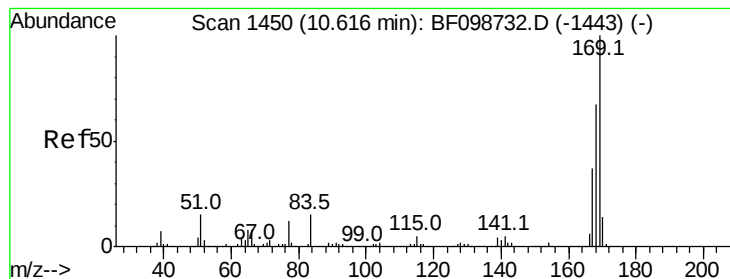
#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.616 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.04 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion:198 Resp: 127151
 Ion Ratio Lower Upper
 198 100
 51 44.2 37.7 77.7
 105 47.0 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.374 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.05 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

ClientSampled :

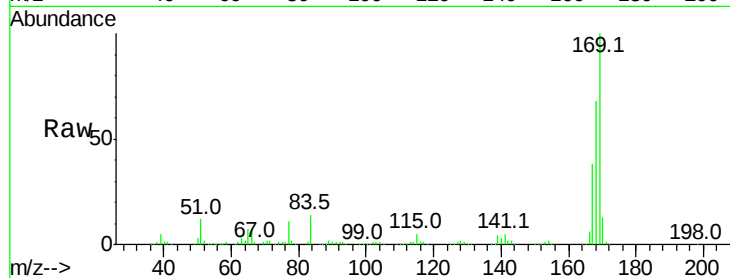
Tot Ion:169 Resp: 702393

Ion Ratio Lower Upper

169 100

168 68.4 54.4 81.6

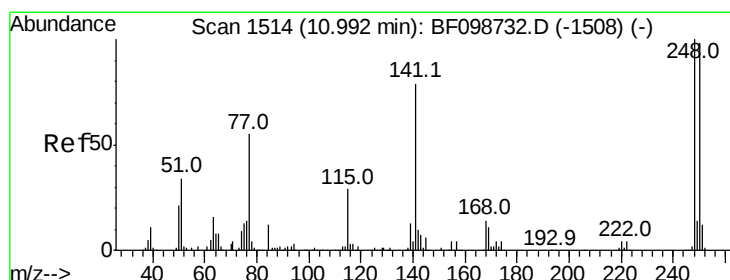
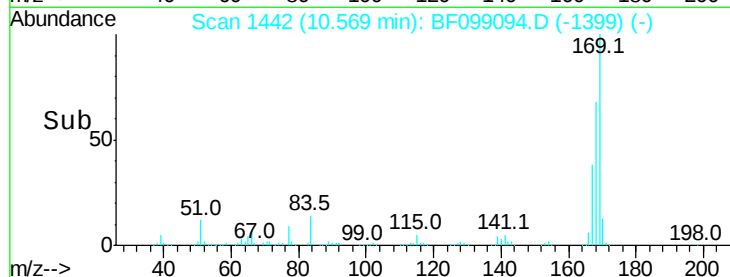
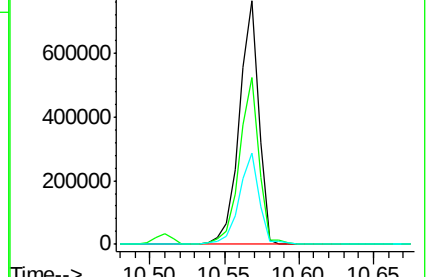
167 37.7 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.188 ng

RT: 10.93 min Scan# 1504

Delta R.T. -0.06 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

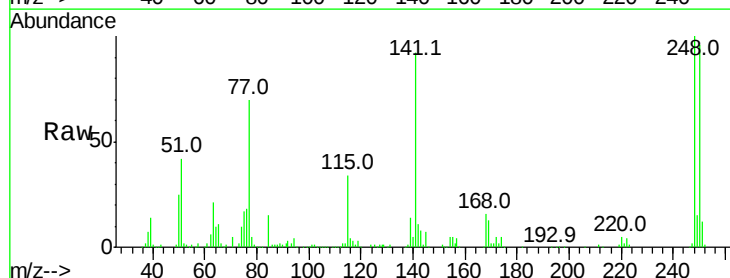
Tgt Ion:248 Resp: 207374

Ion Ratio Lower Upper

248 100

250 95.9 76.9 115.3

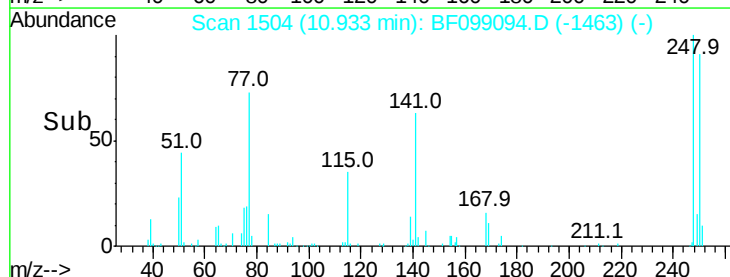
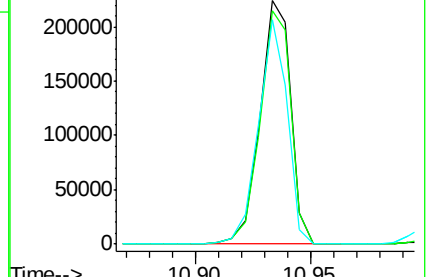
141 92.3 74.4 111.6



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

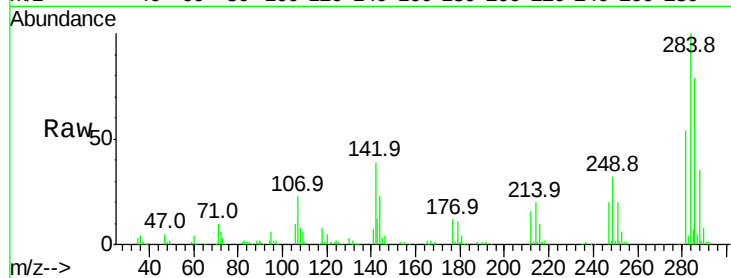




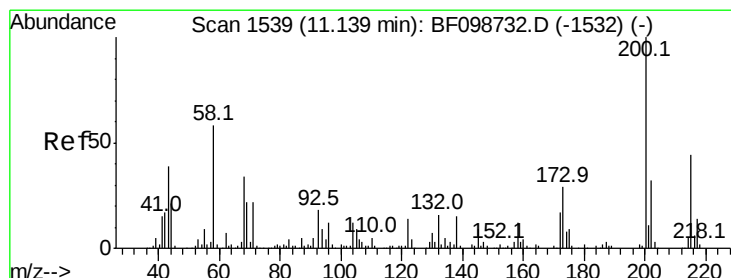
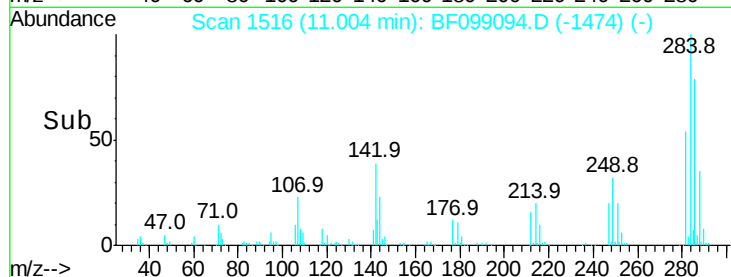
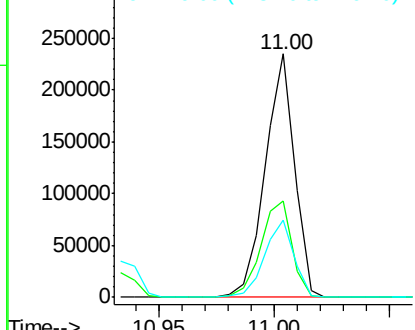
#67
Hexachlorobenzene
Concen: 39.420 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.05 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	39.5	34.6	52.0
249	31.5	24.8	37.2

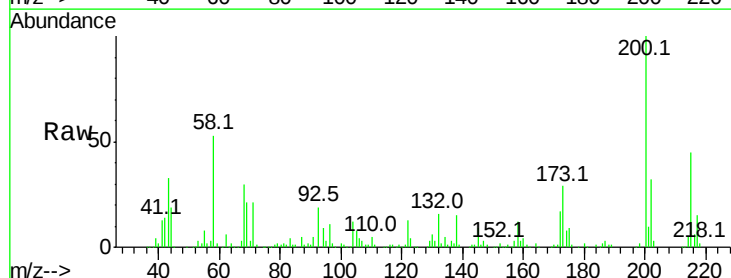


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

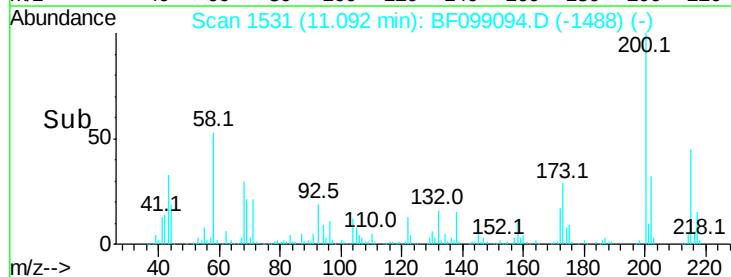
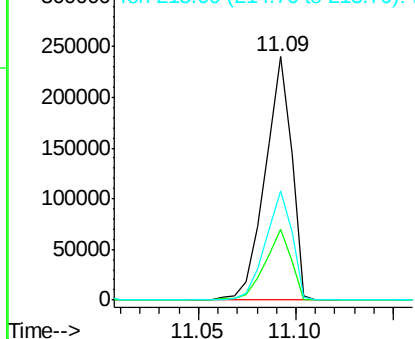


#68
Atrazine
Concen: 43.219 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.05 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.1	8.6	48.6
215	45.1	25.1	65.1



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

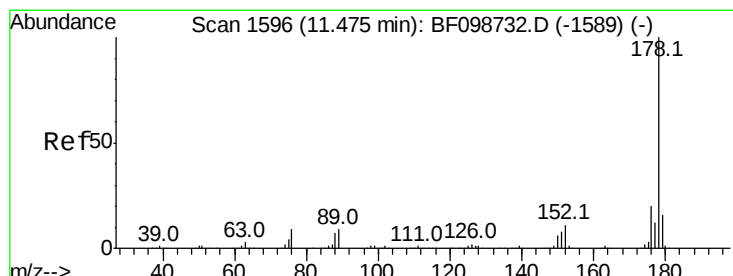
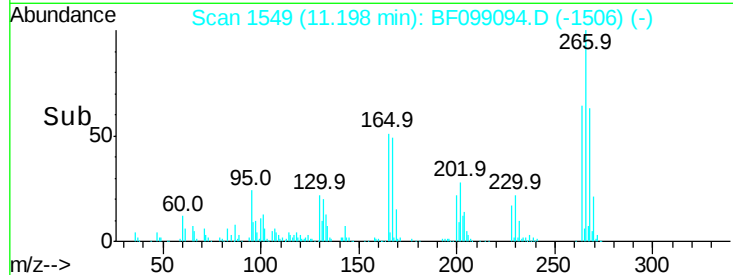
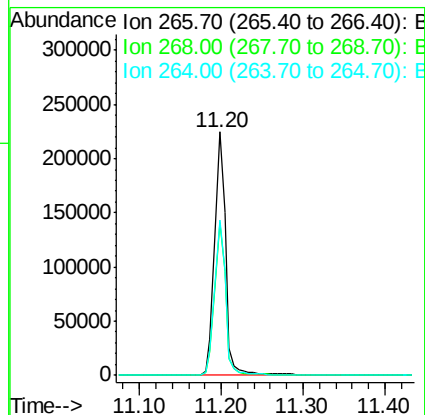
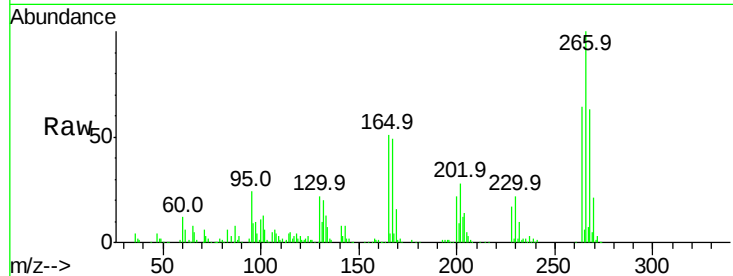




#69
 Pentachlorophenol
 Concen: 65.563 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.05 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

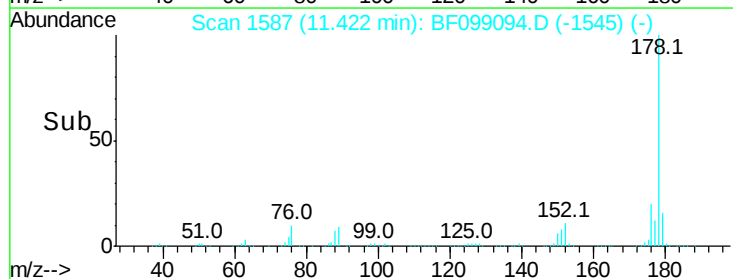
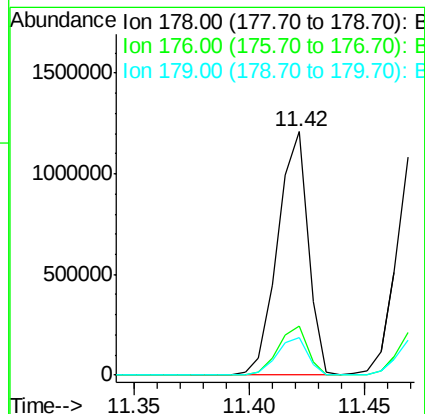
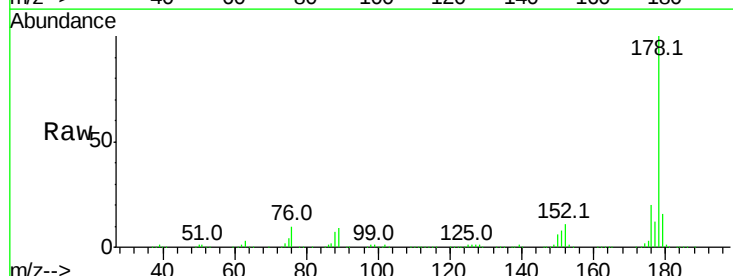
Instrument :
 BNA_F
 ClientSampleId :

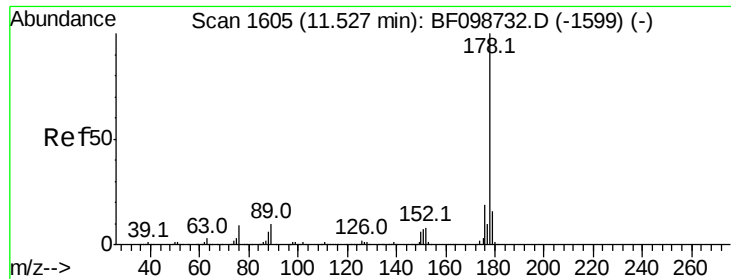
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.1	76.7
264	63.6	49.5	74.3



#70
 Phenanthrene
 Concen: 41.247 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.05 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.5	13.0	19.6

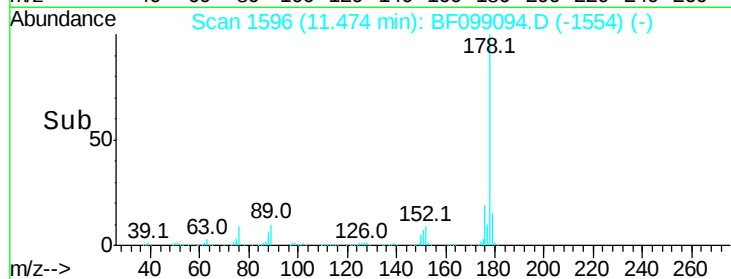
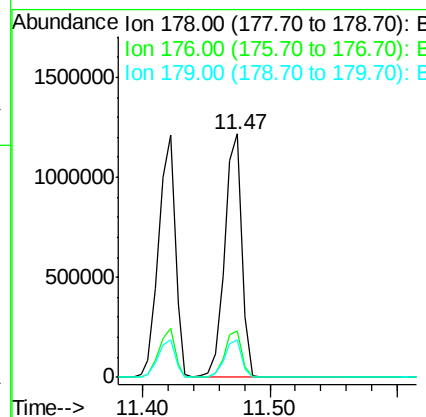
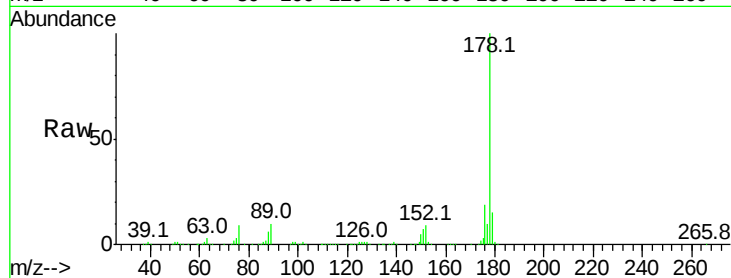




#71
 Anthracene
 Concen: 42.024 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.05 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

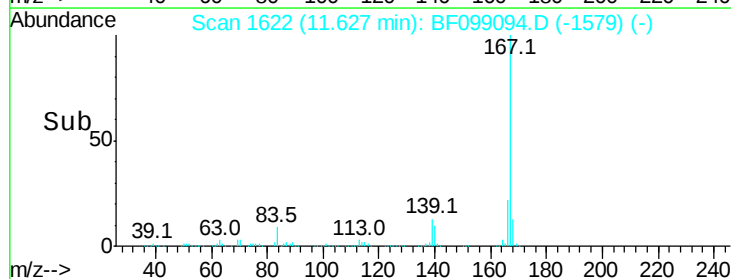
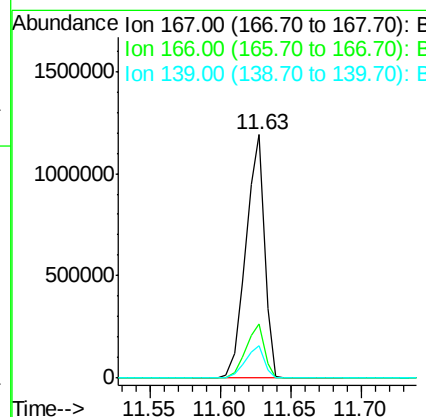
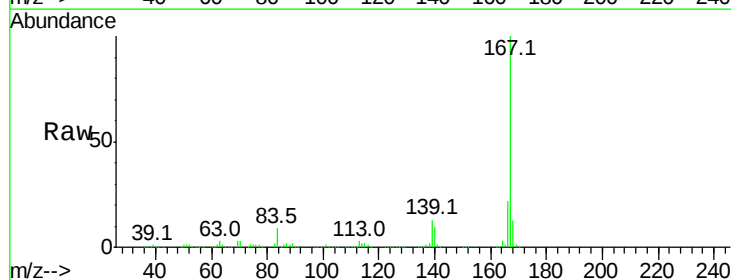
Instrument :
 BNA_F
 ClientSampleId :

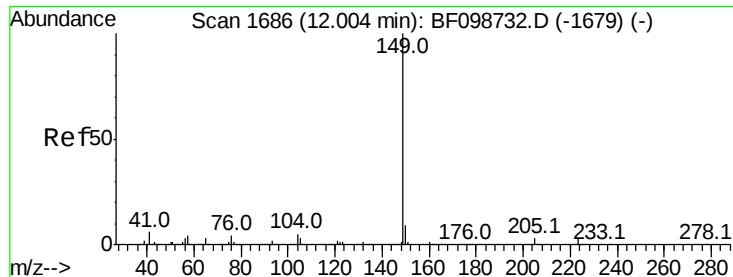
Tot Ion:178 Resp: 1155805
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 40.638 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.05 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion:167 Resp: 1094521
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.840 ng

RT: 11.95 min Scan# 1676

Delta R.T. -0.06 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

ClientSampleId :

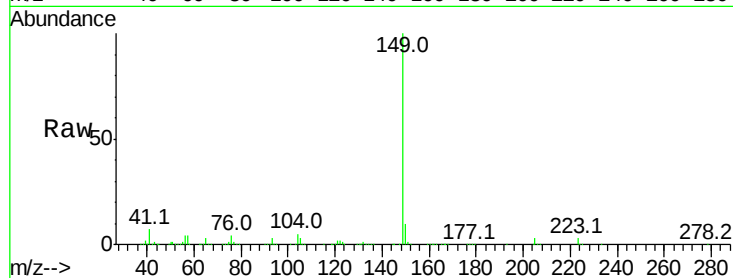
Tot Ion:149 Resp: 1323973

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

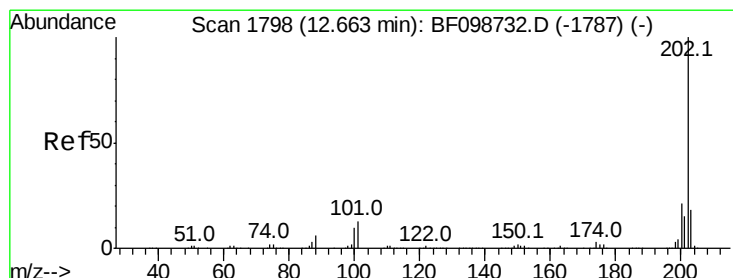
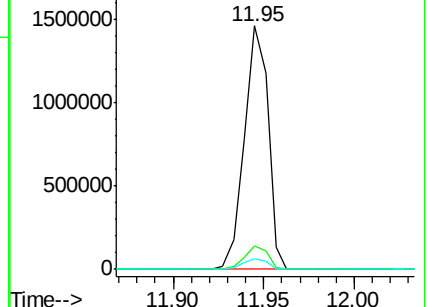
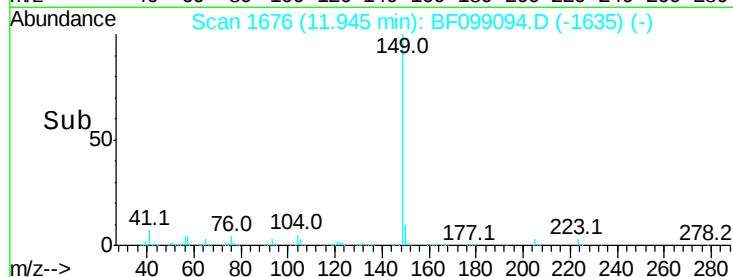
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.362 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.05 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

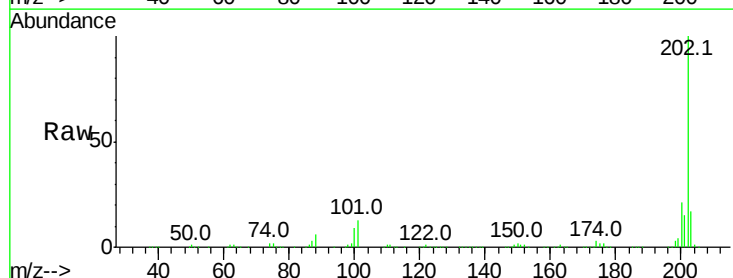
Tgt Ion:202 Resp: 1153060

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.1

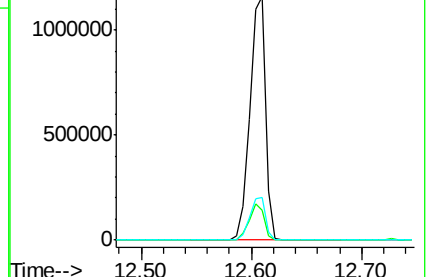
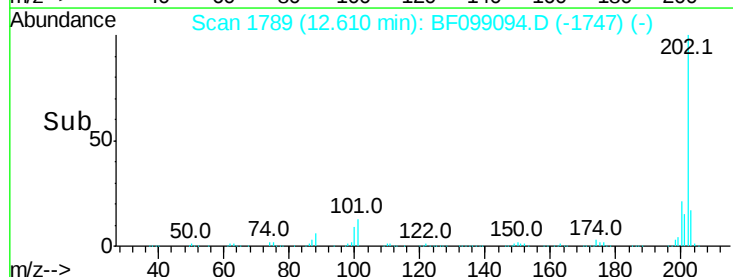
203 17.3 0.0 38.1

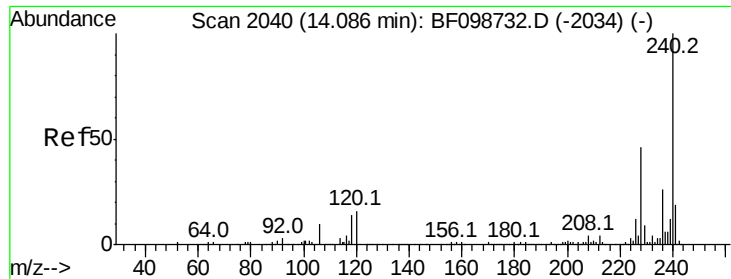


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

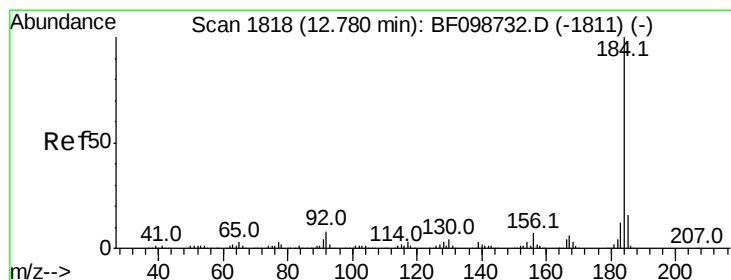
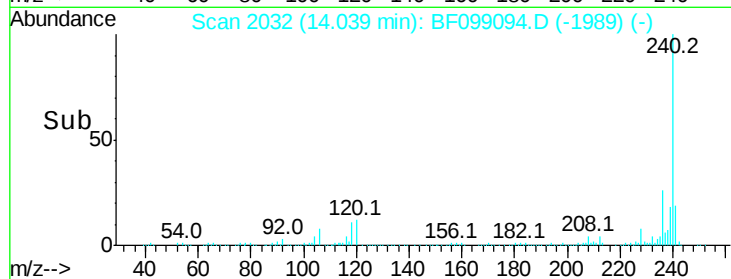
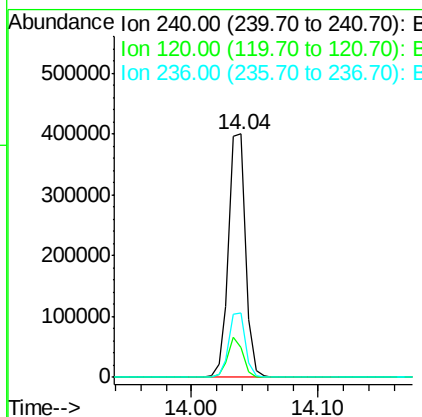
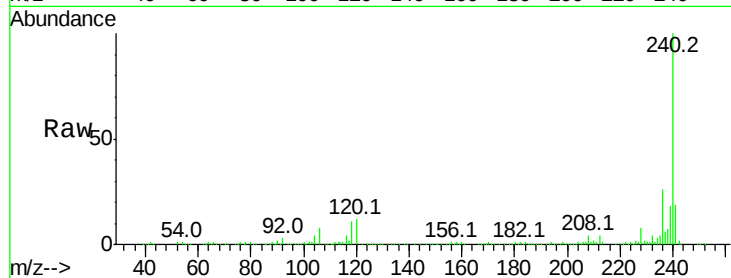




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.05 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

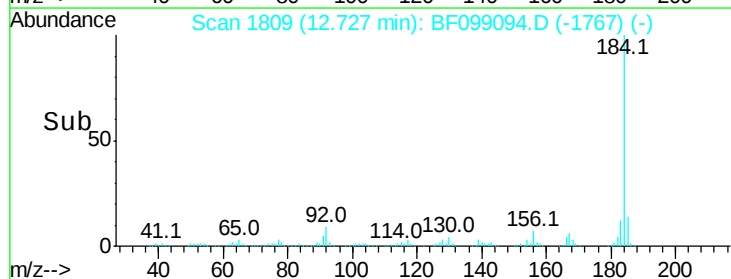
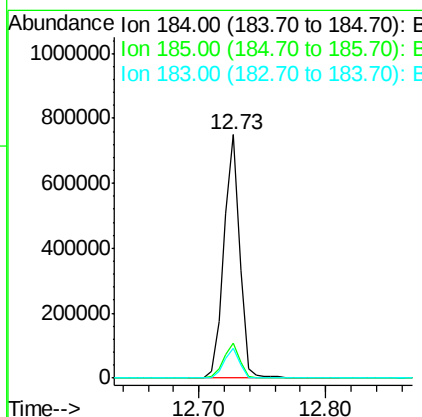
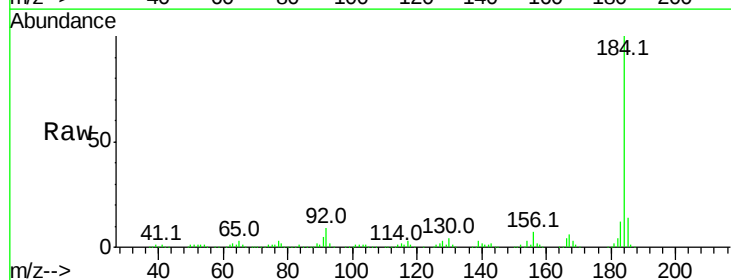
Instrument :
BNA_F
ClientSampleId :

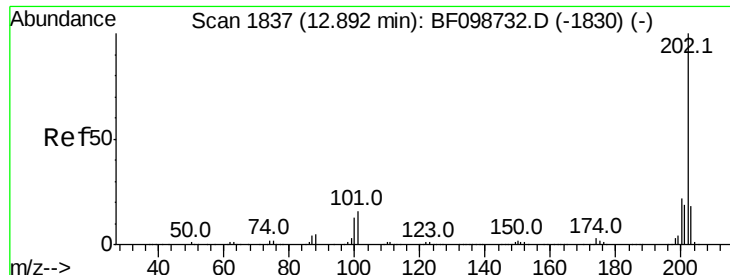
Tot Ion:240 Resp: 372540
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 26.3 20.7 31.1



#76
Benzidine
Concen: 47.360 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.05 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion:184 Resp: 652575
Ion Ratio Lower Upper
184 100
185 14.4 12.6 18.8
183 12.1 9.3 13.9



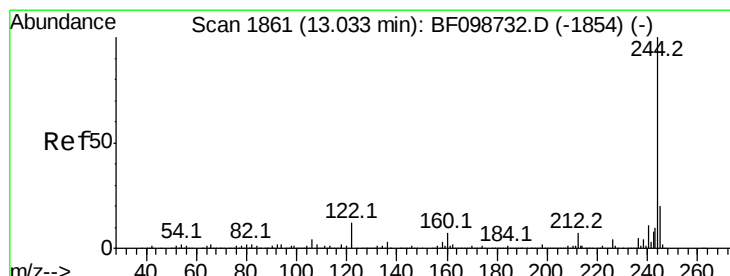
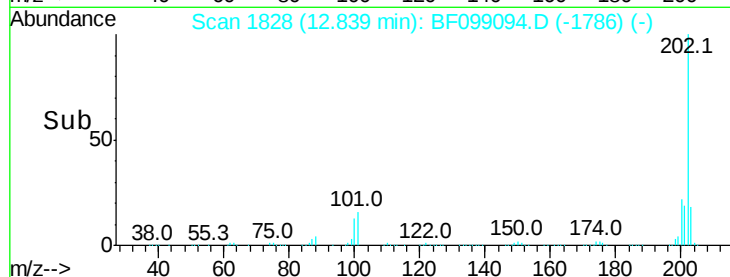
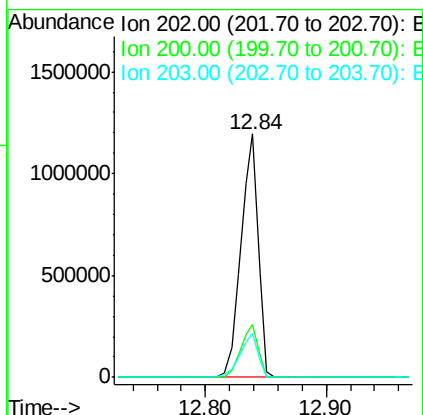
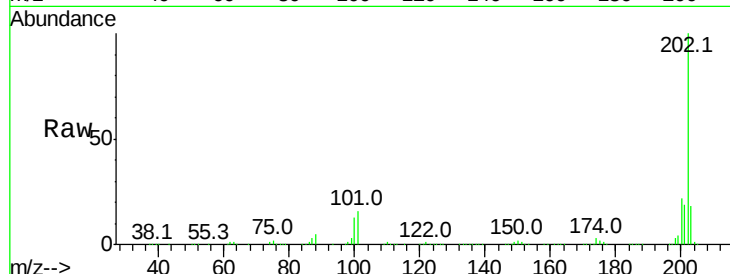


#77
 Pvrene
 Concen: 41.932 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.05 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1191197

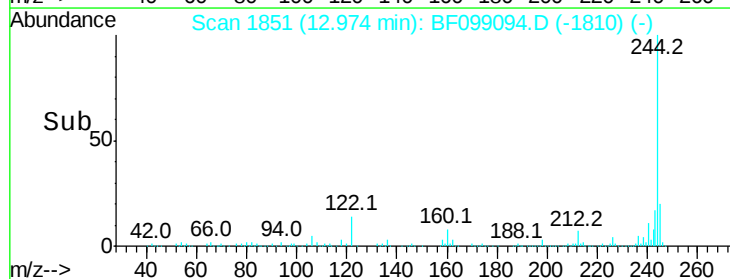
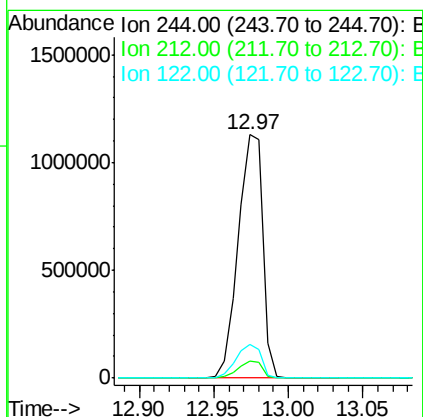
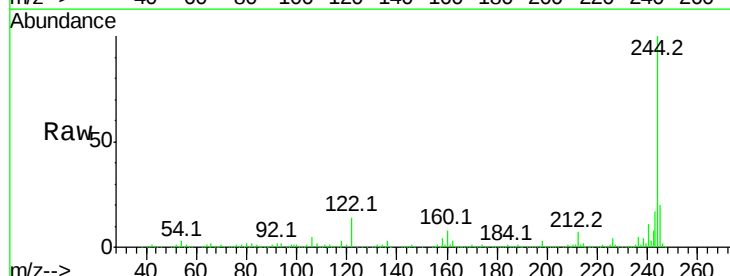
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.1	14.3	21.5

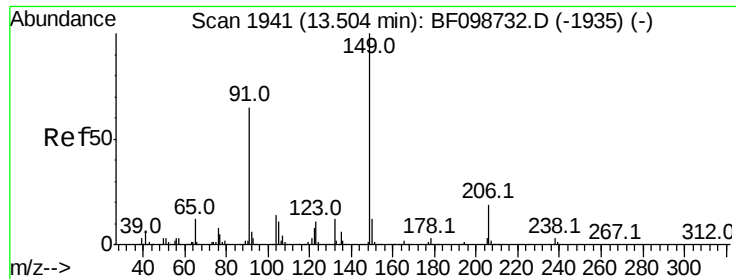


#78
 Terphenyl-d14
 Concen: 79.295 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.06 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion:244 Resp: 1298938

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.9	11.0	16.4

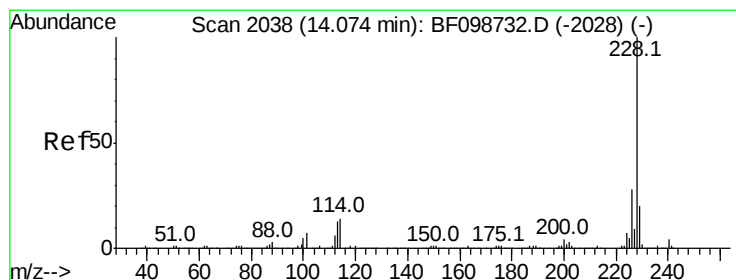
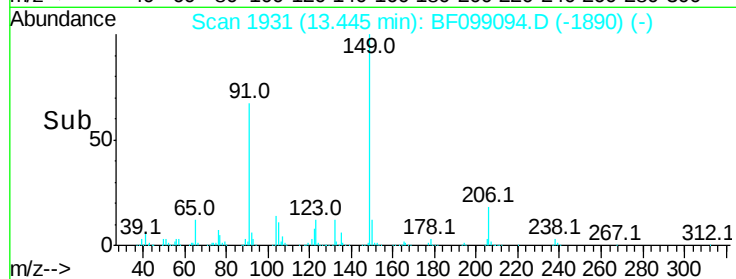
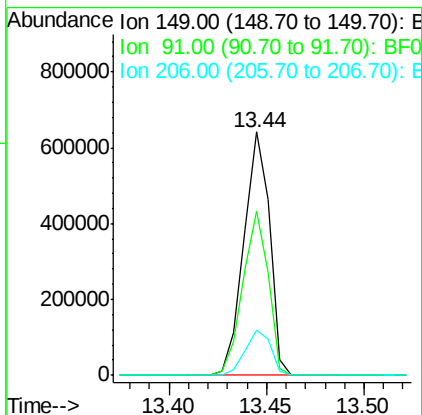
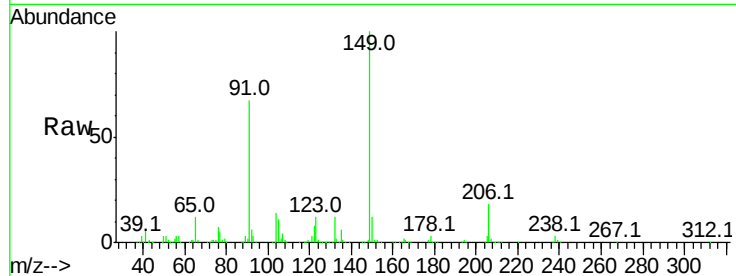




#79
Butylbenzylphthalate
Concen: 43.961 ng
RT: 13.44 min Scan# 1931
Delta R.T. -0.06 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

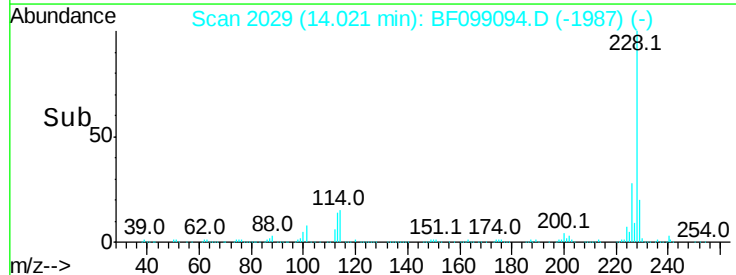
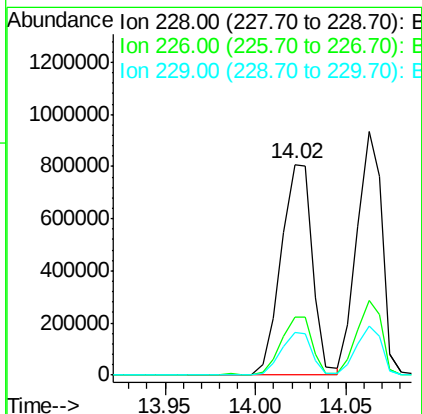
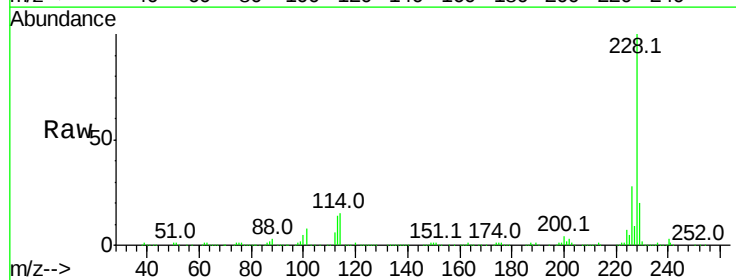
Instrument :
BNA_F
ClientSampleId :

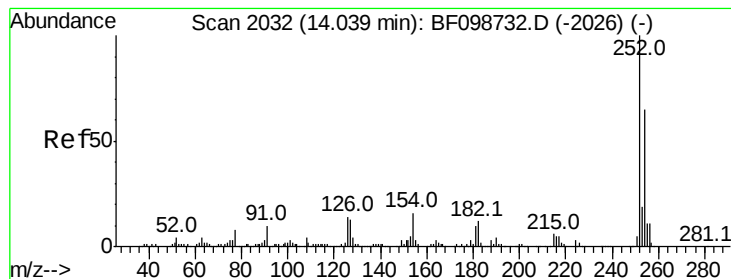
Tot Ion:149 Resp: 586921
Ion Ratio Lower Upper
149 100
91 67.3 56.8 85.2
206 18.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 43.565 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.05 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion:228 Resp: 982756
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.0 15.8 23.6

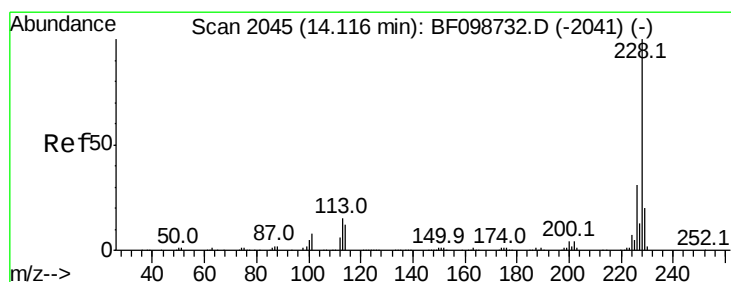
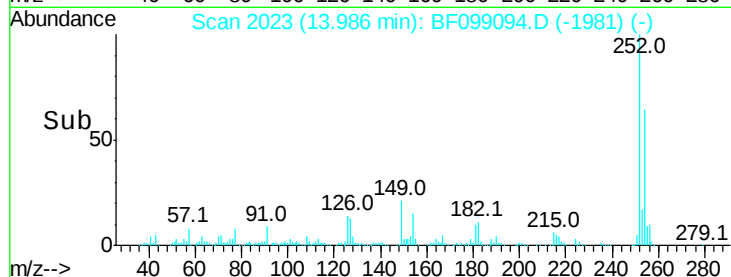
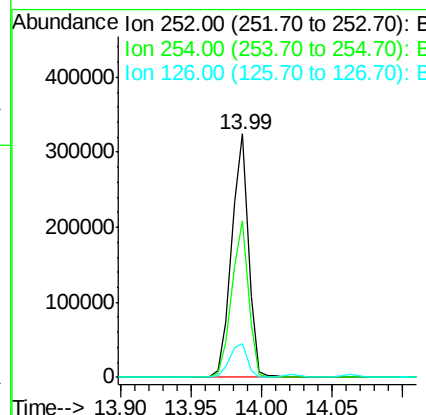
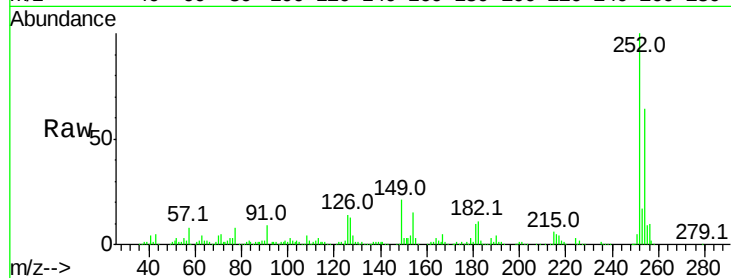




#81
 3,3'-Dichlorobenzidine
 Concen: 32.555 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.05 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

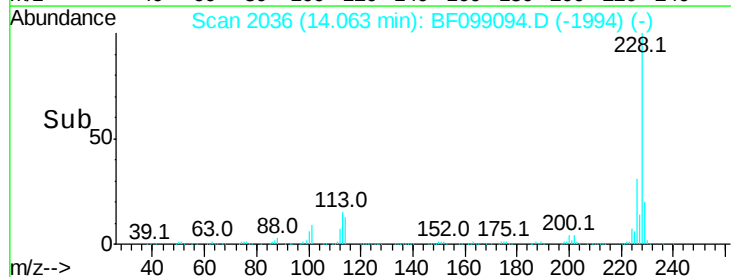
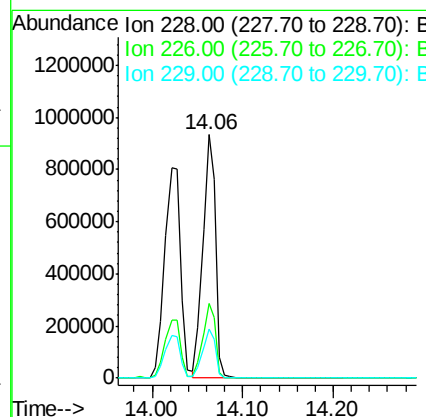
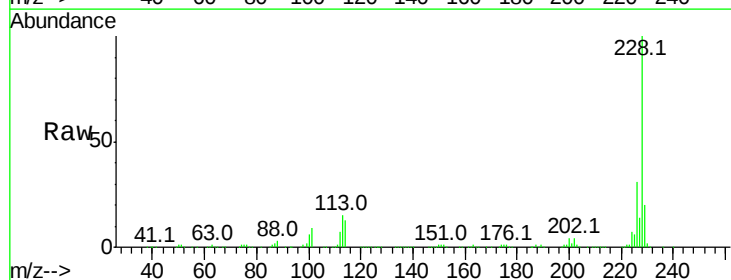
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.4	75.6
126	13.8	11.3	16.9



#82
 Chrysene
 Concen: 42.315 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.05 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	20.1	16.2	24.4

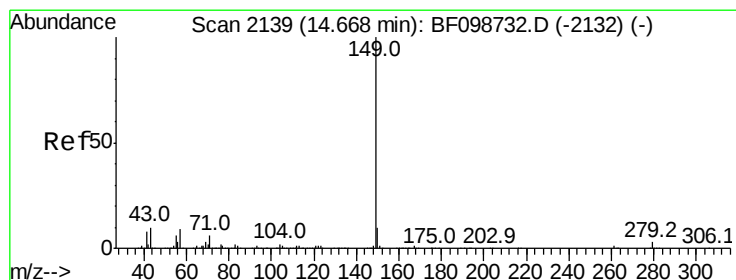
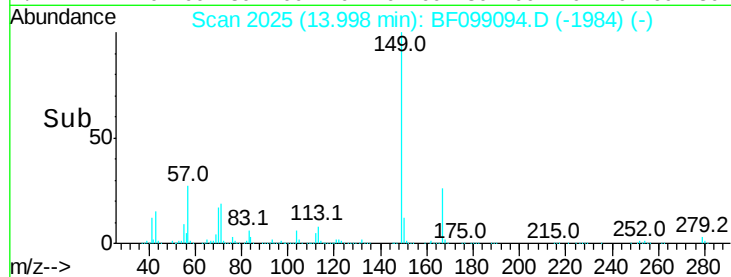
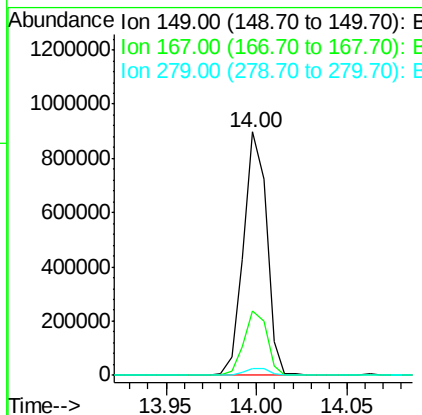
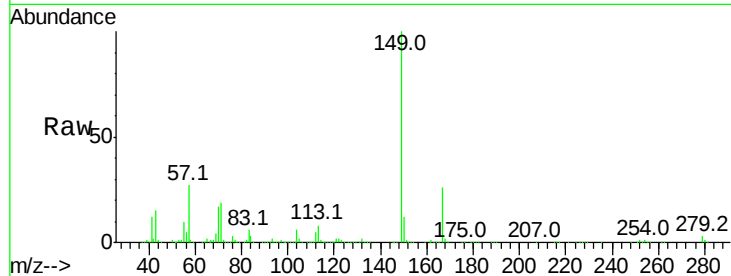




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.446 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.06 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

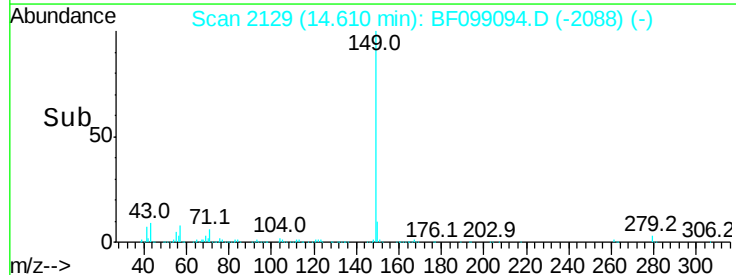
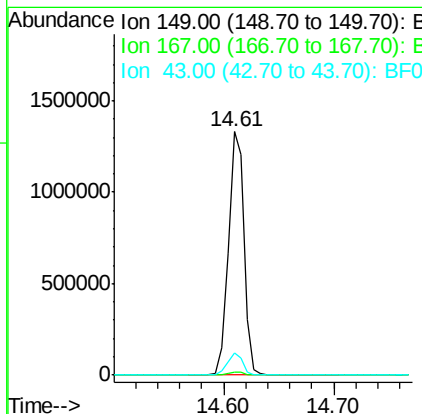
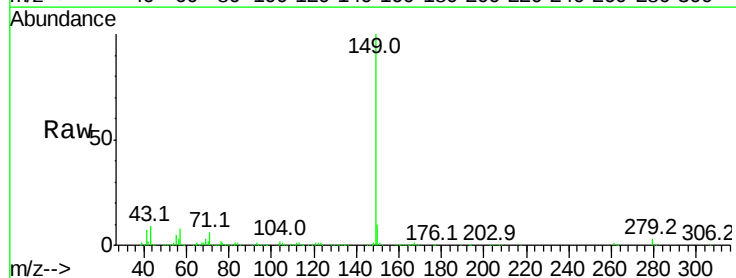
Instrument :
 BNA_F
 ClientSampleId :

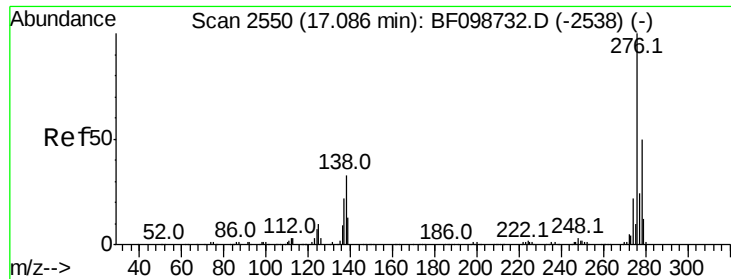
Tot Ion:149 Resp: 798679
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.3 31.9
 279 2.7 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 44.448 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. -0.06 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Tgt Ion:149 Resp: 1315723
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.8 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.028 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.09 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

Instrument :

BNA_F

ClientSampleId :

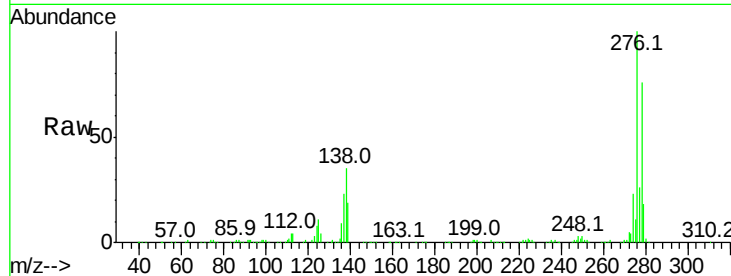
Tot Ion:276 Resp: 756398

Ion Ratio Lower Upper

276 100

138 35.2 25.0 37.6

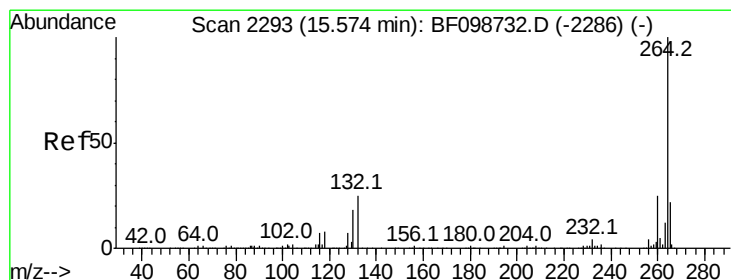
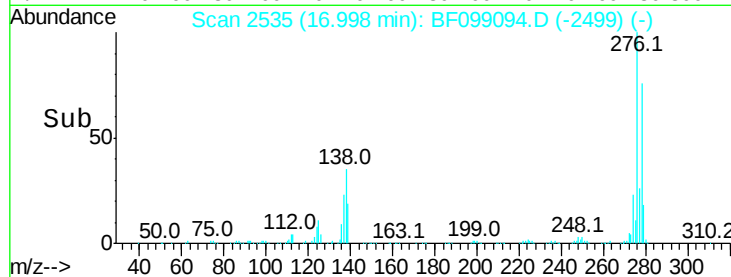
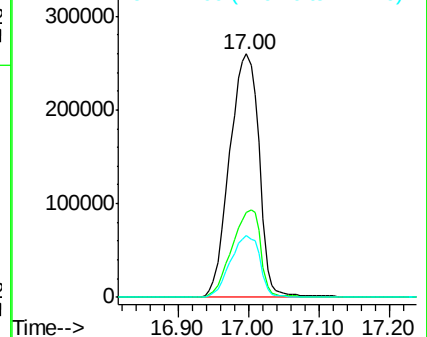
277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.07 min

Lab File: BF099094.D

Acq: 5 Oct 2017 10:12

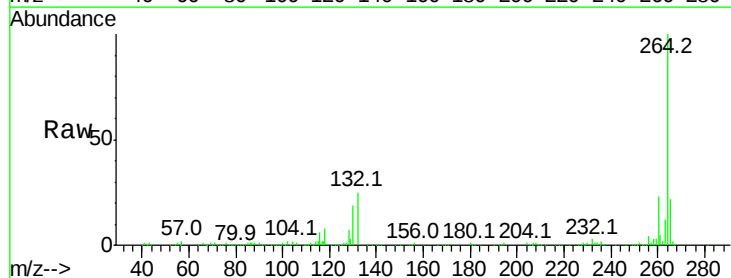
Tgt Ion:264 Resp: 319293

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

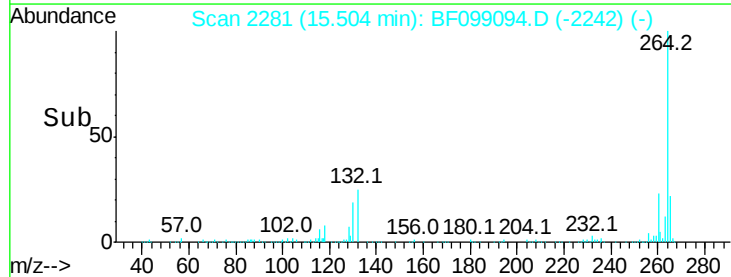
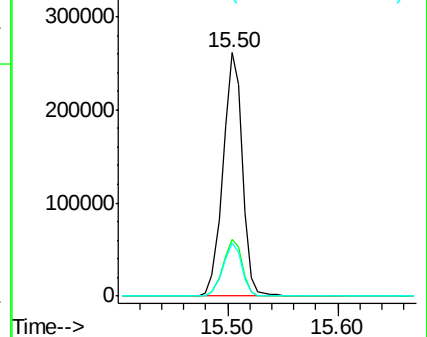
265 21.6 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

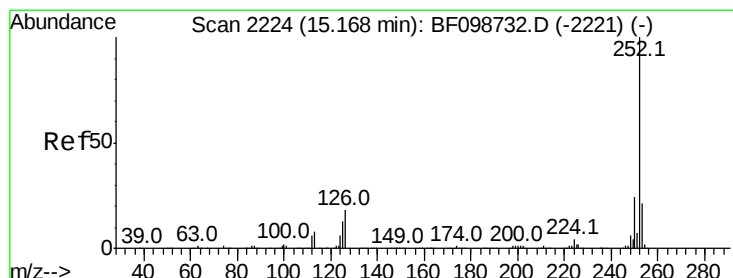
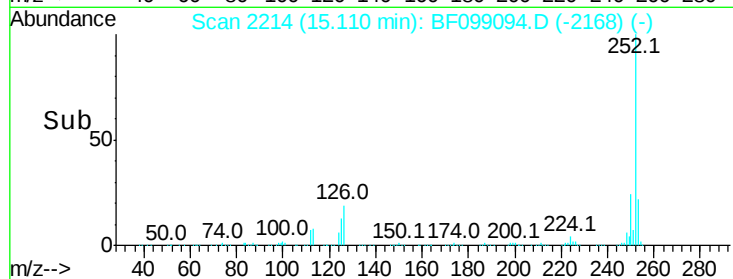
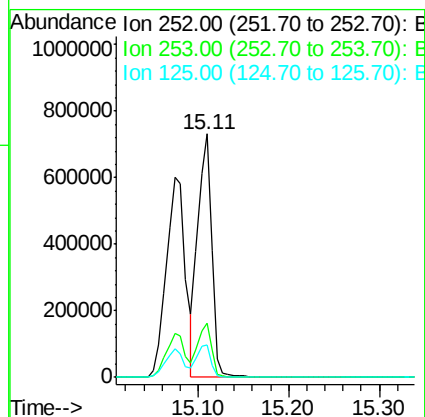
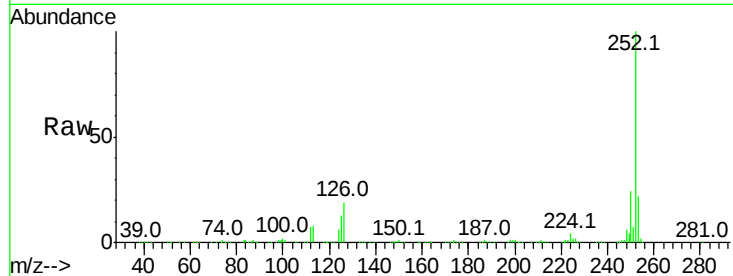




#87
Benzo(b)fluoranthene
Concen: 39.718 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.03 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

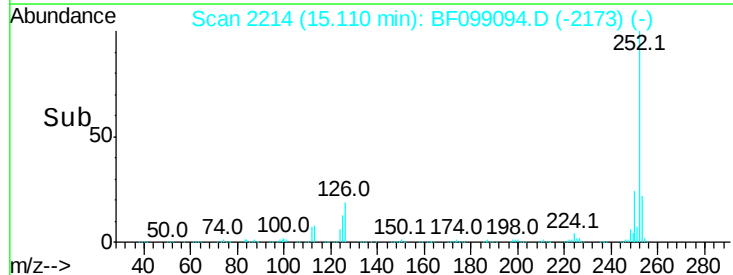
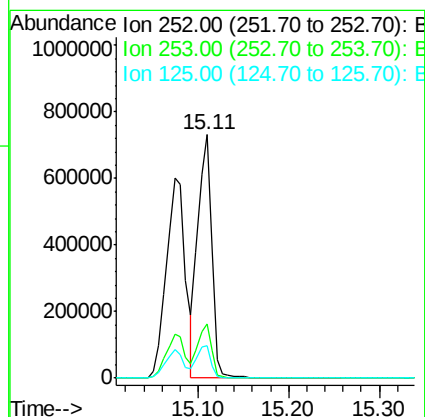
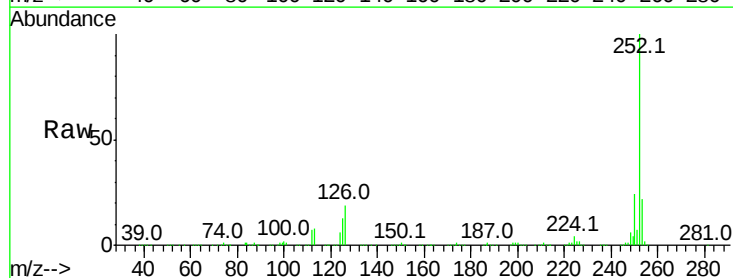
Instrument :
BNA_F
ClientSampleId :

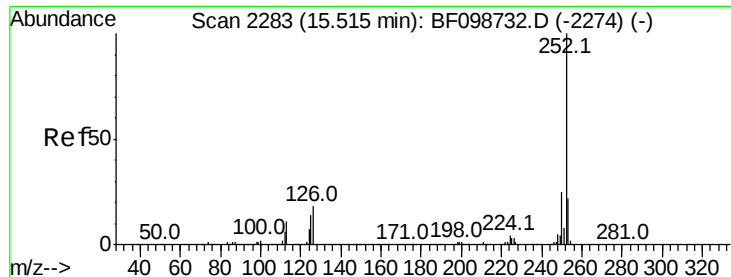
Tot Ion:252 Resp: 779714
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 13.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.212 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.06 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion:252 Resp: 779714
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 13.3 10.2 15.2

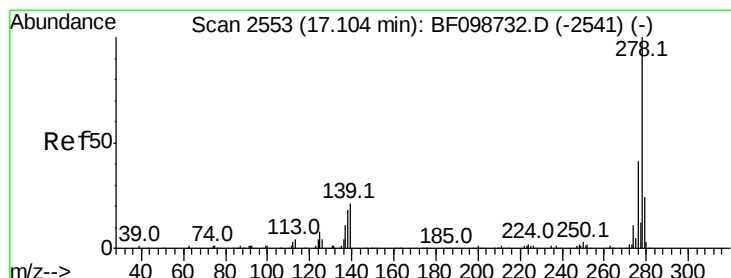
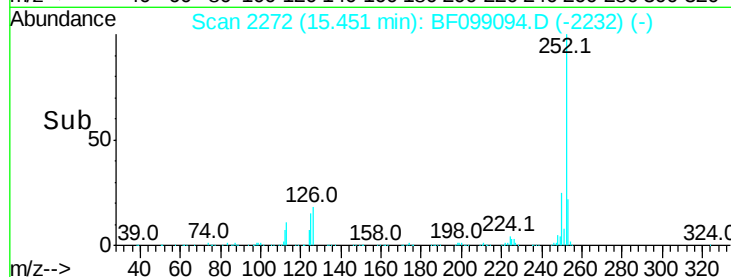
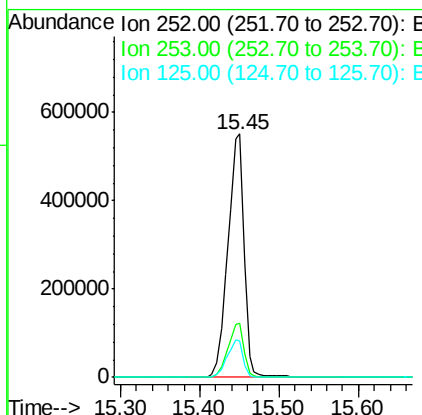
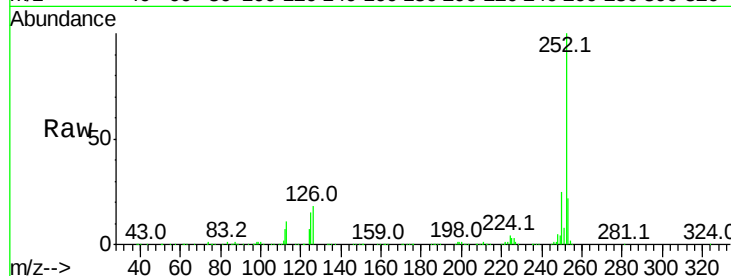




#89
Benzo(a)pyrene
Concen: 43.443 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.06 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

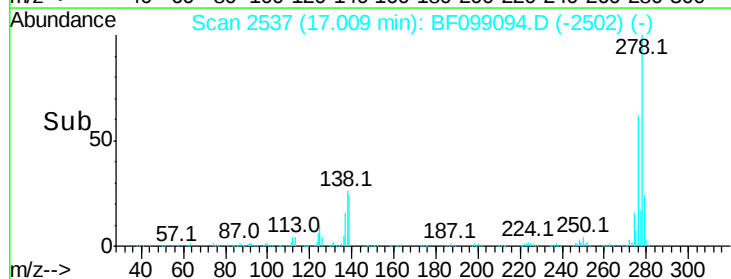
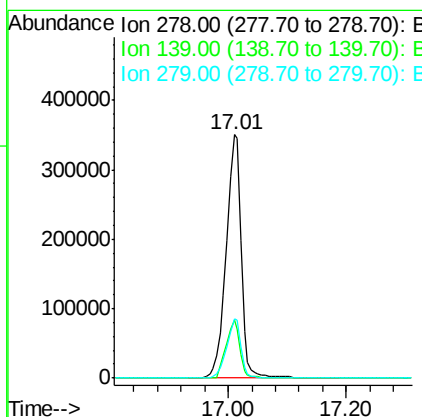
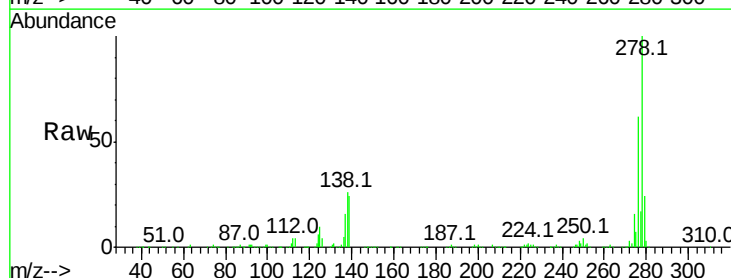
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	14.8	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 43.499 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.09 min
Lab File: BF099094.D
Acq: 5 Oct 2017 10:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.0	15.9	23.9
279	24.4	19.0	28.4

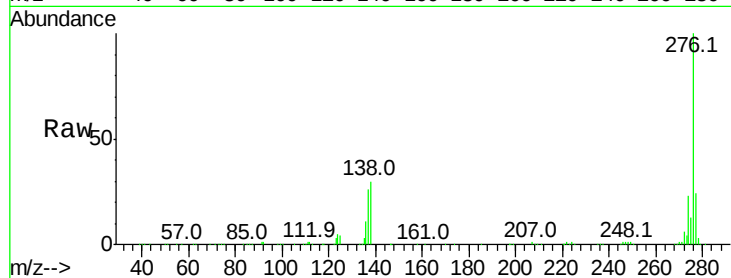




#91
 Benzo(a,h,i)perylene
 Concen: 44.776 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. -0.09 min
 Lab File: BF099094.D
 Acq: 5 Oct 2017 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	29.8	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

