

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099353.D
 Acq On : 11 Oct 2017 19:13
 Operator : SJ/JU
 Sample : PB103129BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 00:49:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	113491	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	473584	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	218003	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	388950	20.00	ng	0.00
75) Chrysene-d12	14.02	240	243754	20.00	ng	0.00
86) Perylene-d12	15.48	264	182873	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	867238	121.64	ng	0.02
7) Phenol-d6	6.49	99	1037997	118.02	ng	0.00
23) Nitrobenzene-d5	7.42	82	620838	84.07	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	221580	124.21	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1189441	91.08	ng	0.00
78) Terphenyl-d14	12.96	244	992528	92.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	123802	36.35	ng	95
3) Pyridine	3.49	79	340650	36.98	ng	95
4) n-Nitrosodimethylamine	3.45	42	136419	34.92	ng	# 79
6) Aniline	6.52	93	388788	32.75	ng	97
8) 2-Chlorophenol	6.64	128	330749	40.97	ng	97
9) Benzaldehyde	6.40	77	116336	22.80	ng	93
10) Phenol	6.50	94	401349	40.80	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	307614	40.23	ng	96
12) 1,3-Dichlorobenzene	6.79	146	356730	42.19	ng	98
13) 1,4-Dichlorobenzene	6.87	146	360946	41.96	ng	99
14) 1,2-Dichlorobenzene	7.02	146	332559	41.84	ng	98
15) Benzyl Alcohol	7.00	79	256372	39.74	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	434914	36.51	ng	94
17) 2-Methylphenol	7.11	107	275414	41.69	ng	97
18) Hexachloroethane	7.36	117	125281	40.52	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	203589	36.26	ng	94
20) 3+4-Methylphenols	7.26	107	326546	39.07	ng	# 75
22) Acetophenone	7.26	105	430960	37.56	ng	# 95
24) Nitrobenzene	7.44	77	322454	38.49	ng	94
25) Isophorone	7.67	82	606496	39.72	ng	98
26) 2-Nitrophenol	7.75	139	187468	46.54	ng	89
27) 2,4-Dimethylphenol	7.79	122	310183	40.77	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	386582	40.63	ng	100
29) 2,4-Dichlorophenol	7.99	162	279283	42.76	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	285792	43.75	ng	98
31) Naphthalene	8.16	128	939995	42.26	ng	100
32) Benzoic acid	7.92	122	171971	27.52	ng	98
33) 4-Chloroaniline	8.20	127	261540	28.16	ng	97
34) Hexachlorobutadiene	8.27	225	138948	41.29	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	286808	39.07	ng	94
37) 2-Methylnaphthalene	8.85	142	650313	44.98	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	258100	39.70	ng	99
40) Hexachlorocyclopentadiene	9.00	237	176343	59.35	ng	100
42) 2,4,6-Trichlorophenol	9.13	196	180219	39.13	ng	98

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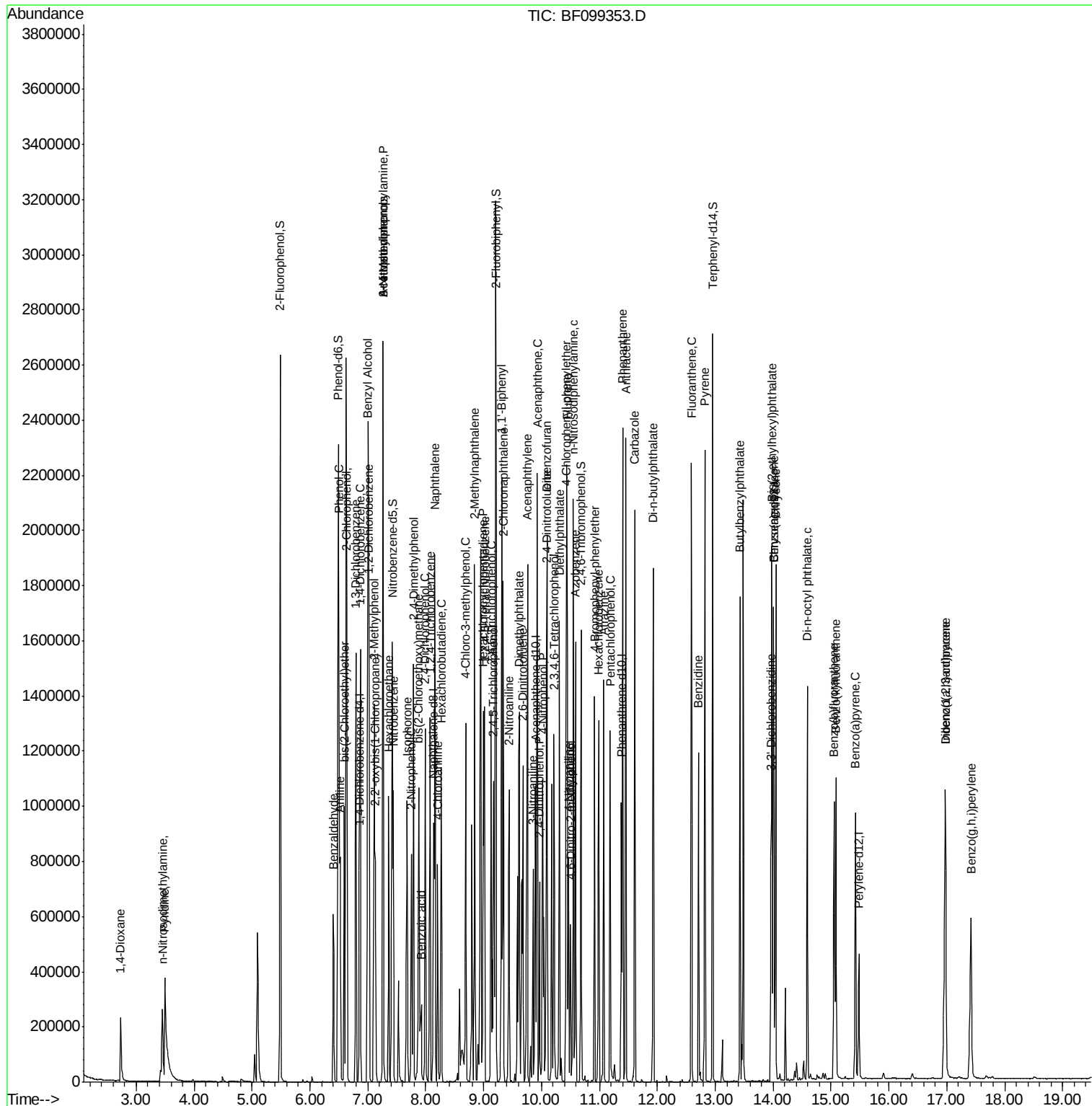
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	191139	41.57	nq	# 91
45) 1,1'-Biphenyl	9.31	154	754442	40.27	nq	98
46) 2-Chloronaphthalene	9.34	162	588132	41.81	nq	98
47) 2-Nitroaniline	9.44	65	169692	39.40	nq	90
48) Acenaphthylene	9.76	152	893004	41.47	nq	99
49) Dimethylphthalate	9.62	163	683626	41.55	nq	100
50) 2,6-Dinitrotoluene	9.68	165	155586	43.43	nq	# 86
51) Acenaphthene	9.93	154	529946	38.85	nq	99
52) 3-Nitroaniline	9.85	138	134974	32.32	nq	90
53) 2,4-Dinitrophenol	9.96	184	97446	54.27	nq	88
54) Dibenzofuran	10.10	168	782328	43.07	nq	99
55) 4-Nitrophenol	10.02	139	234583	66.42	nq	# 81
56) 2,4-Dinitrotoluene	10.09	165	201596	43.36	nq	# 91
57) Fluorene	10.44	166	611359	41.88	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	140678	44.29	nq	96
59) Diethylphthalate	10.31	149	650470	40.46	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	276365	42.14	nq	97
61) 4-Nitroaniline	10.47	138	175886	43.65	nq	89
62) Azobenzene	10.59	77	598392	40.48	nq	92
64) 4,6-Dinitro-2-methylphenol	10.50	198	78982	33.38	nq	78
65) n-Nitrosodiphenylamine	10.55	169	552897	41.03	nq	100
66) 4-Bromophenyl-phenylether	10.92	248	165269	43.41	nq	# 88
67) Hexachlorobenzene	10.99	284	165835	40.78	nq	98
68) Atrazine	11.07	200	169032	41.69	nq	97
69) Pentachlorophenol	11.19	266	152044	60.08	nq	98
70) Phenanthrene	11.40	178	883541	42.44	nq	99
71) Anthracene	11.46	178	903593	42.42	nq	100
72) Carbazole	11.61	167	846376	40.57	nq	100
73) Di-n-butylphthalate	11.93	149	1002217	39.91	nq	99
74) Fluoranthene	12.59	202	891776	42.30	nq	99
76) Benzidine	12.71	184	429322	47.62	nq	98
77) Pyrene	12.82	202	907469	48.82	nq	99
79) Butylbenzylphthalate	13.43	149	409771	46.91	nq	93
80) Benzo(a)anthracene	14.00	228	651033	44.11	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	144214	26.65	nq	97
82) Chrysene	14.04	228	596121	42.42	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	533474	44.35	nq	99
84) Di-n-octyl phthalate	14.59	149	759857	39.23	nq	95
85) Indeno(1,2,3-cd)pyrene	16.97	276	517882	46.07	nq	96
87) Benzo(b)fluoranthene	15.06	252	492489	43.80	nq	99
88) Benzo(k)fluoranthene	15.09	252	459731	41.40	nq	98
89) Benzo(a)pyrene	15.42	252	454318	44.02	nq	# 97
90) Dibenzo(a,h)anthracene	16.98	278	431146	52.20	nq	97
91) Benzo(g,h,i)perylene	17.42	276	458148	56.11	nq	97

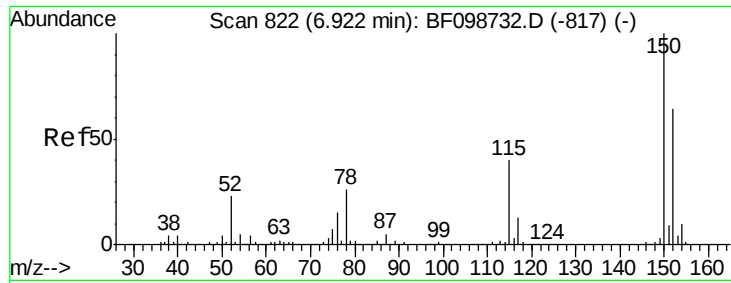
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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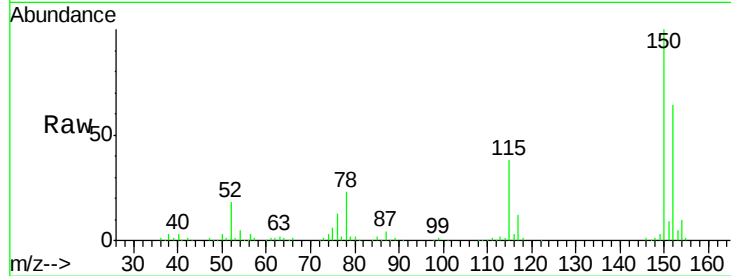


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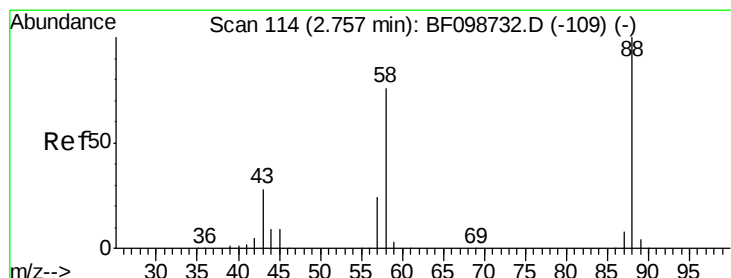
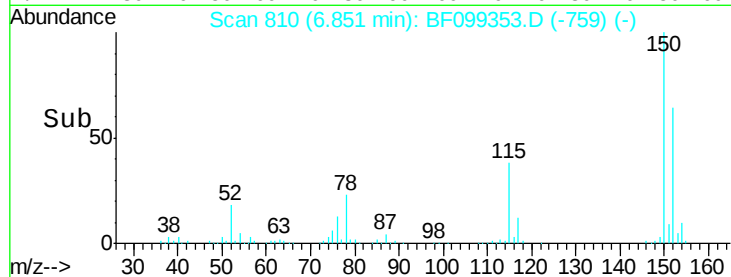
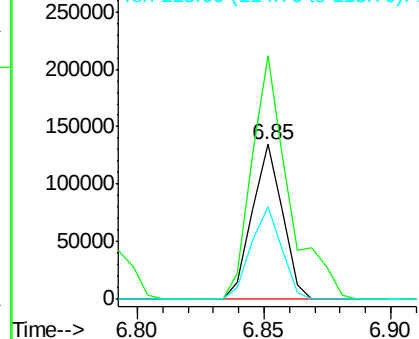
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113491
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 59.7 50.1 75.1



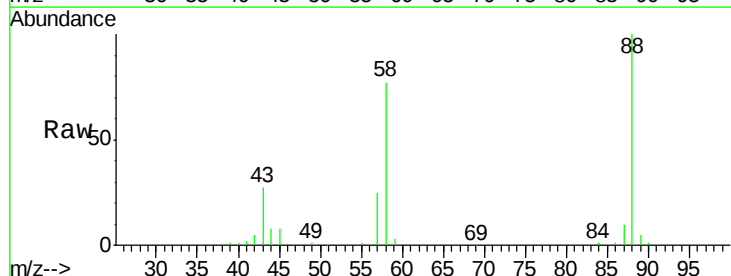
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



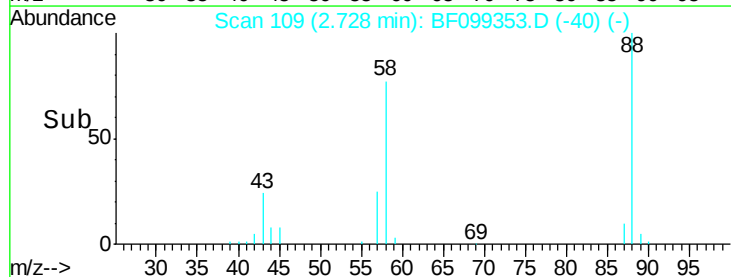
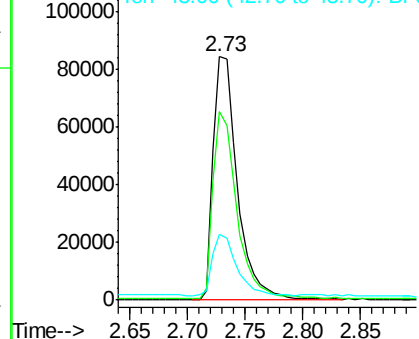
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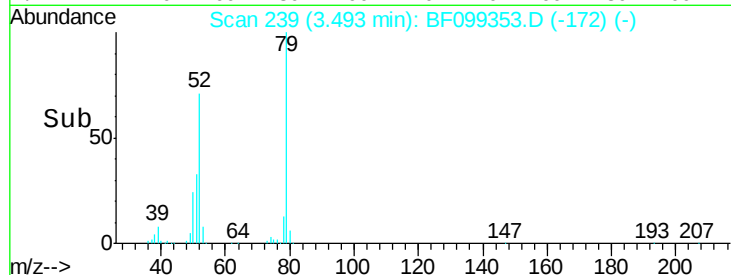
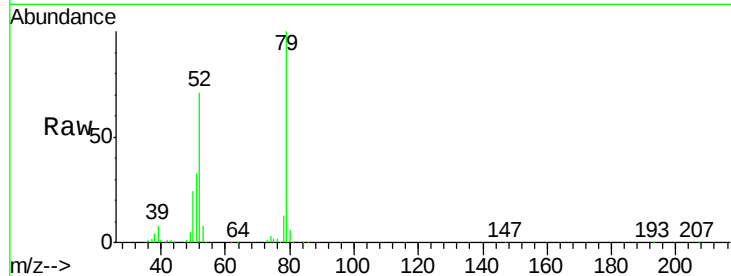
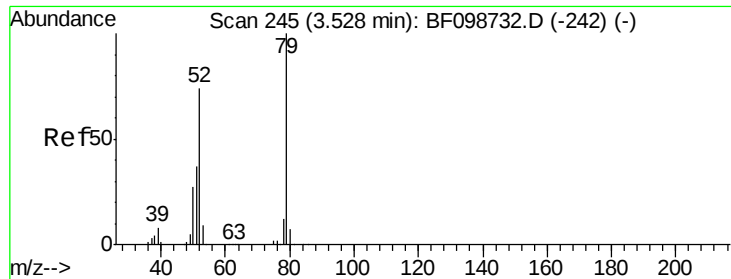
1,4-Dioxane
Concen: 36.35 ng
RT: 2.73 min Scan# 109
Delta R.T. 0.11 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Tgt Ion: 88 Resp: 123802
Ion Ratio Lower Upper
88 100
58 75.7 62.6 93.8
43 25.1 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: 36.98 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.09 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

Instrument :

BNA_F

ClientSampleId :

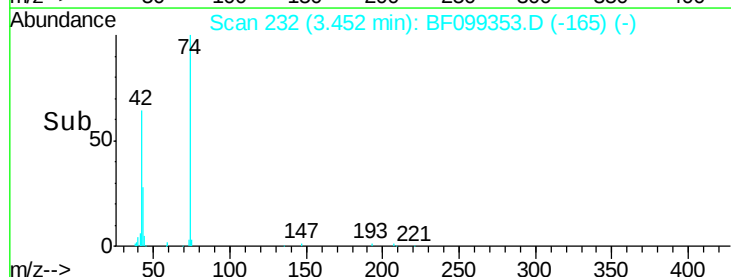
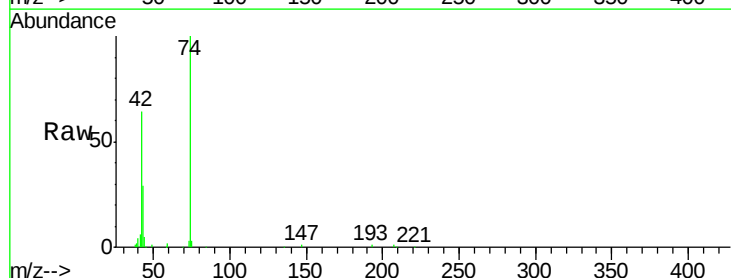
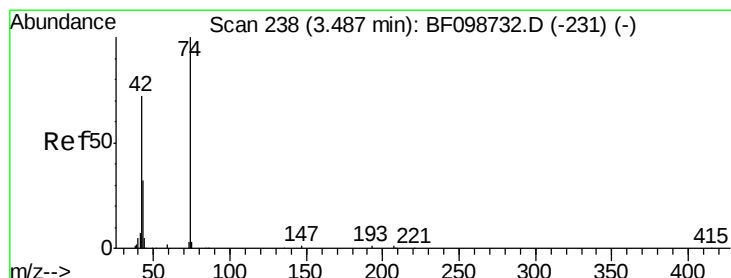
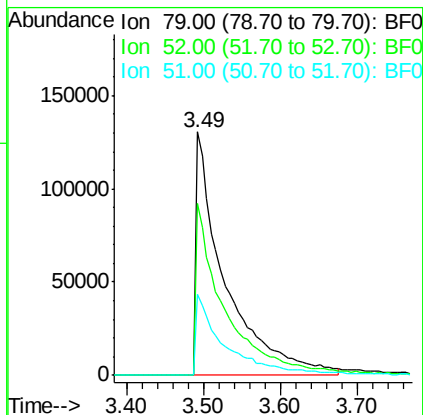
Tot Ion: 79 Resp: 340650

Ion Ratio Lower Upper

79 100

52 70.6 59.8 89.6

51 33.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 34.92 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.09 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

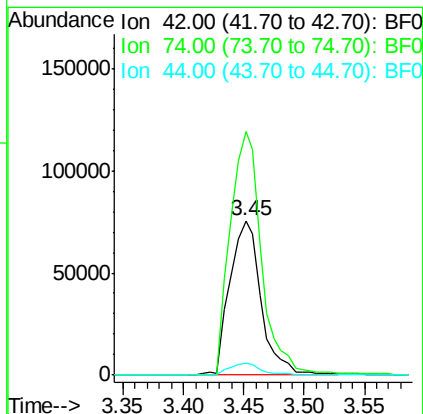
Tgt Ion: 42 Resp: 136419

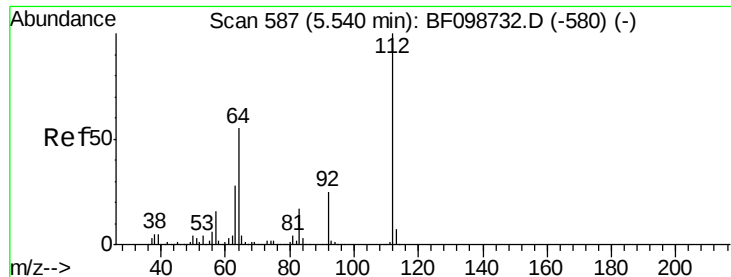
Ion Ratio Lower Upper

42 100

74 157.5 104.9 157.3#

44 7.5 6.9 10.3





#5

2-Fluorophenol

Concen: 121.64 ng

RT: 5.49 min Scan# 578

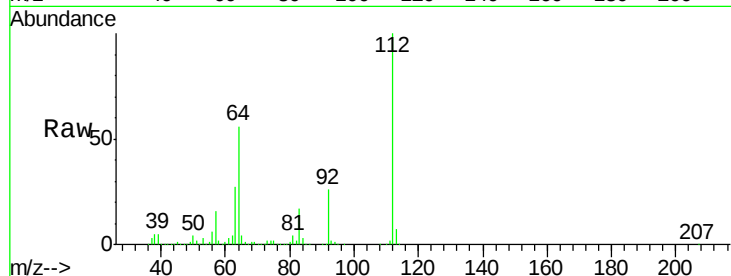
Delta R.T. 0.02 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

Instrument :
BNA_F
ClientSampleId :

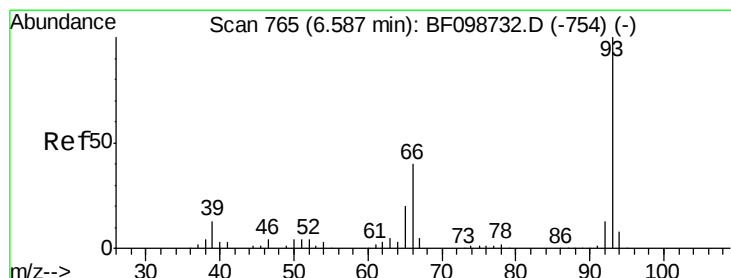
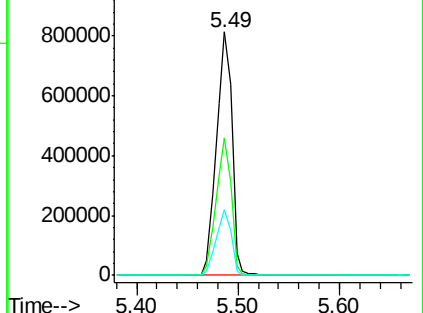
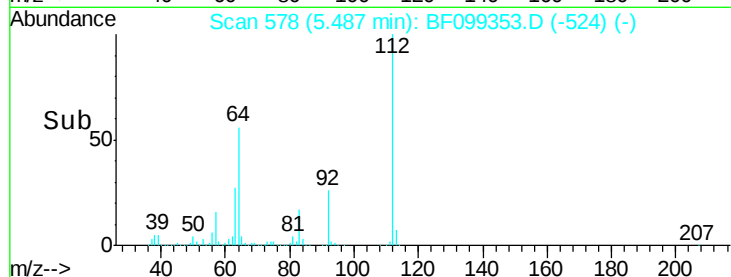
Tot Ion:112	Resp:	867238
Ion Ratio	Lower	Upper
112 100		
64 56.4	47.9	71.9
63 26.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 32.75 ng

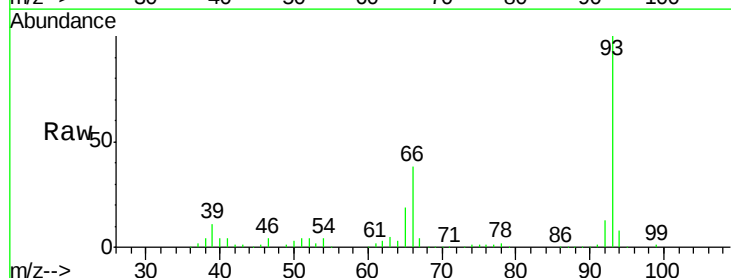
RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

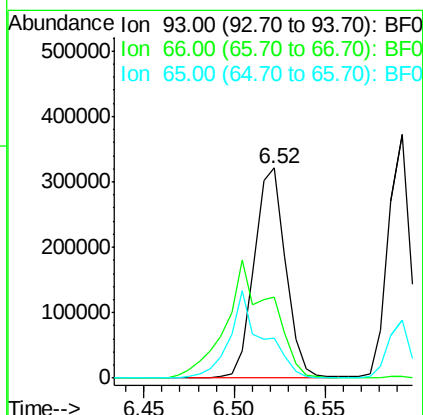
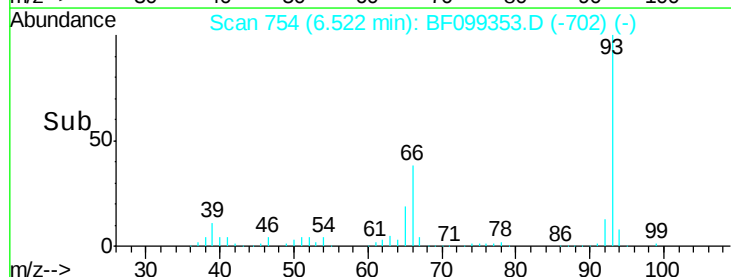
Tgt Ion: 93	Resp:	388788
Ion Ratio	Lower	Upper
93 100		
66 38.4	32.2	48.2
65 19.3	16.4	24.6

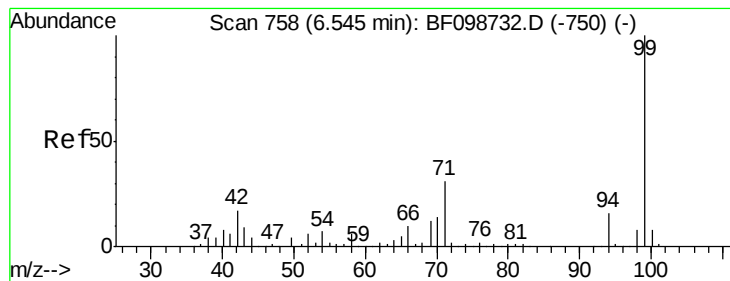


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.02 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

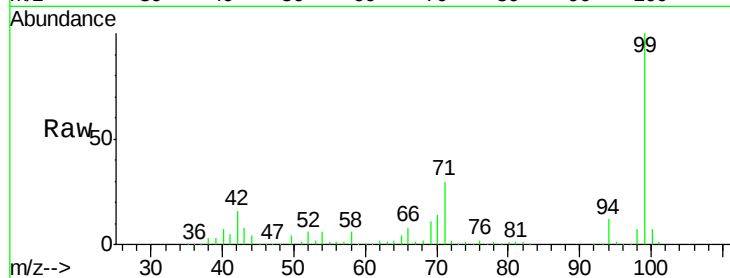
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1037997

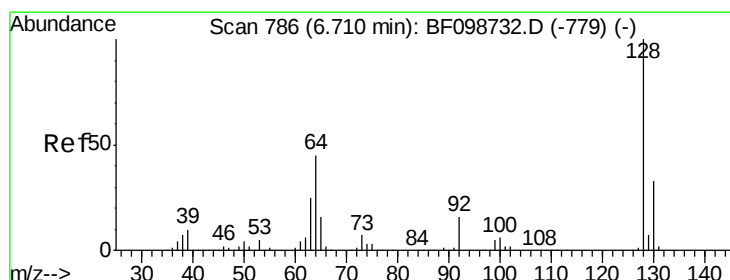
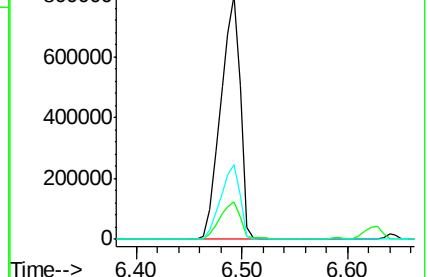
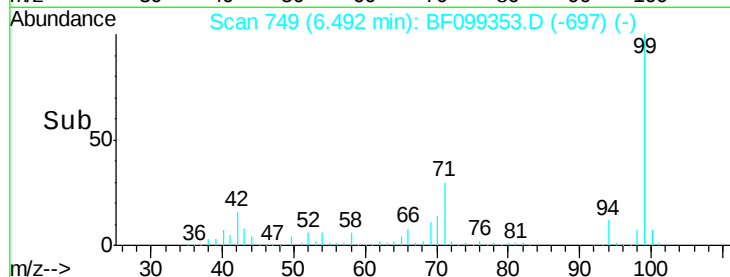
Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.5	21.7
71	30.5	25.4	38.0



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: 40.97 ng

RT: 6.64 min Scan# 774

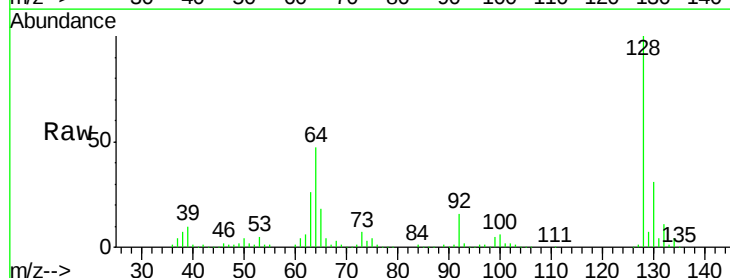
Delta R.T. 0.00 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

Tgt Ion: 128 Resp: 330749

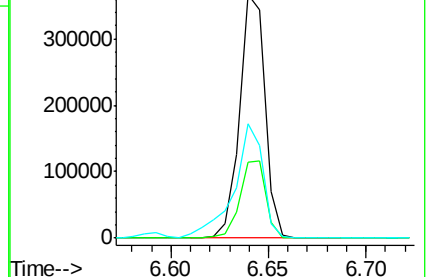
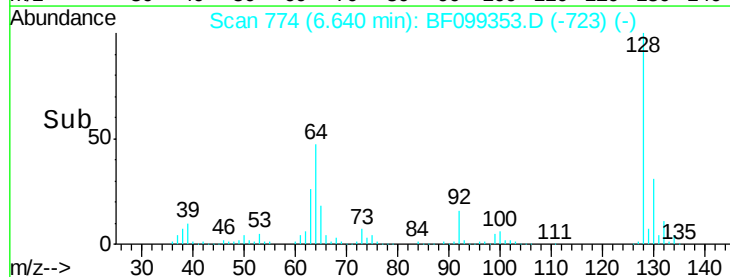
Ion	Ratio	Lower	Upper
128	100		
130	31.3	13.0	53.0
64	46.9	29.4	69.4

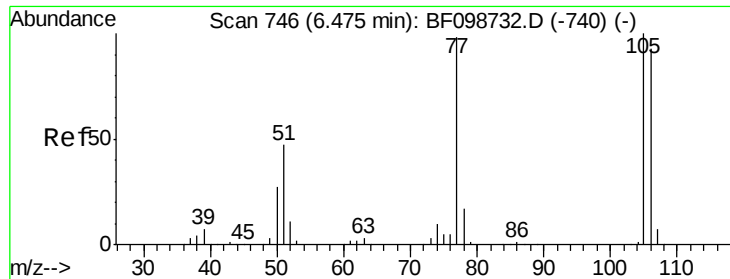


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

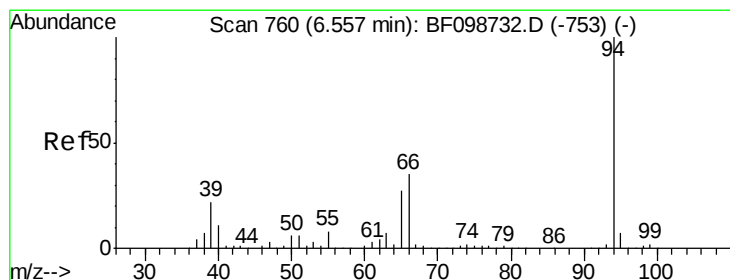
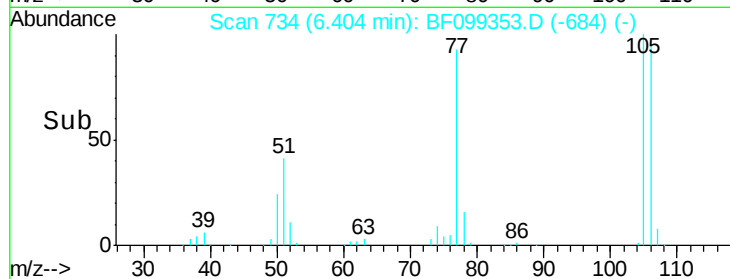
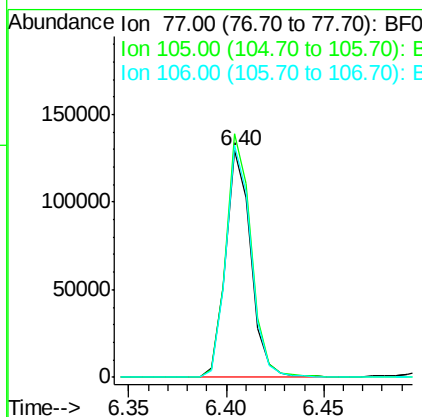
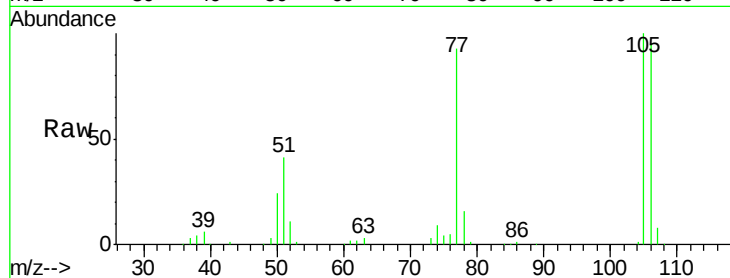




#9
Benzaldehyde
Concen: 22.80 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF099353.D
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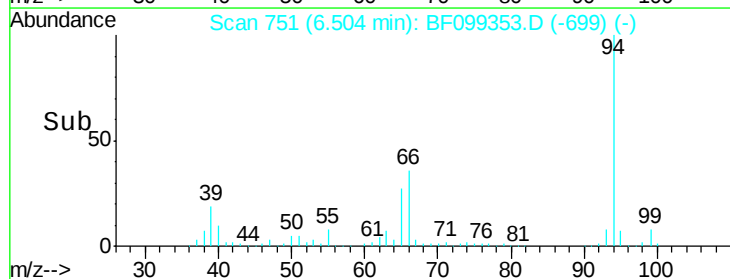
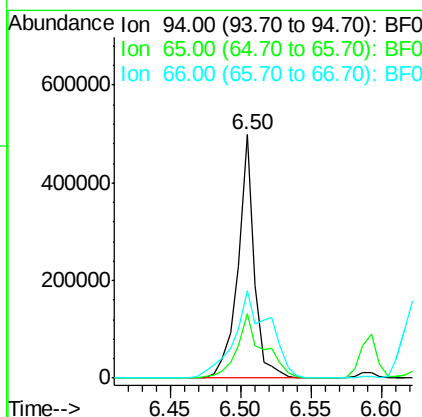
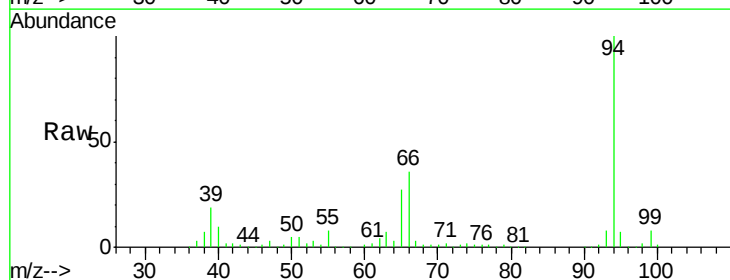
Instrument :
BNA_F
ClientSampleId :

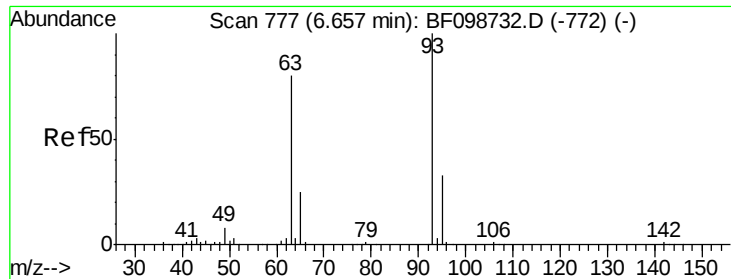
Tot Ion: 77 Resp: 116336
Ion Ratio Lower Upper
77 100
105 107.4 81.1 121.1
106 102.2 74.5 114.5



#10
Phenol
Concen: 40.80 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Tgt Ion: 94 Resp: 401349
Ion Ratio Lower Upper
94 100
65 26.7 7.9 47.9
66 36.0 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 40.23 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

Instrument :

BNA_F

ClientSampled :

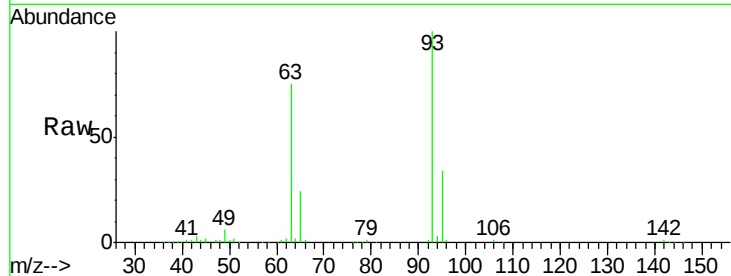
Tot Ion: 93 Resp: 307614

Ion Ratio Lower Upper

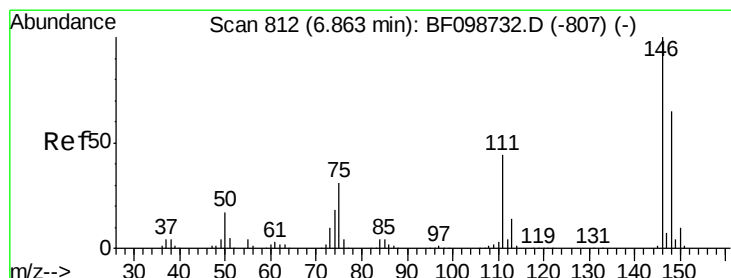
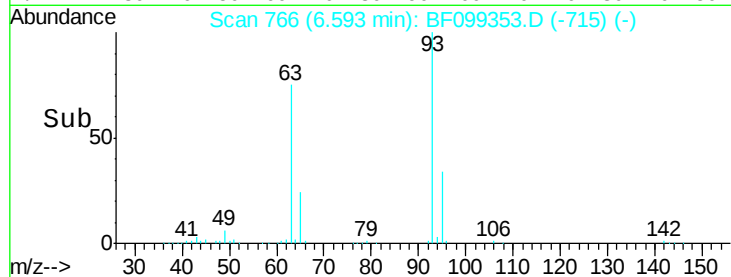
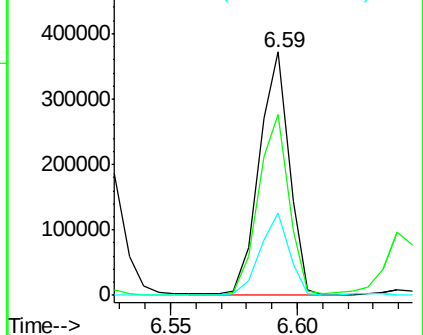
93 100

63 74.6 58.6 98.6

95 33.6 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: 42.19 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

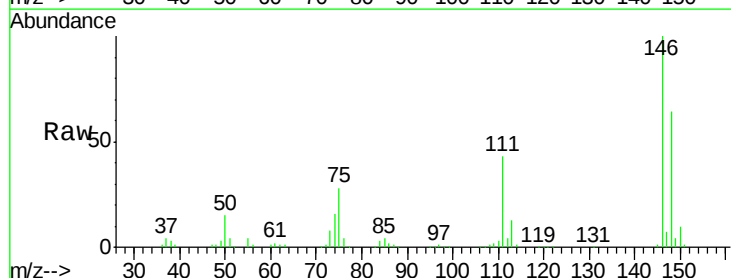
Tgt Ion: 146 Resp: 356730

Ion Ratio Lower Upper

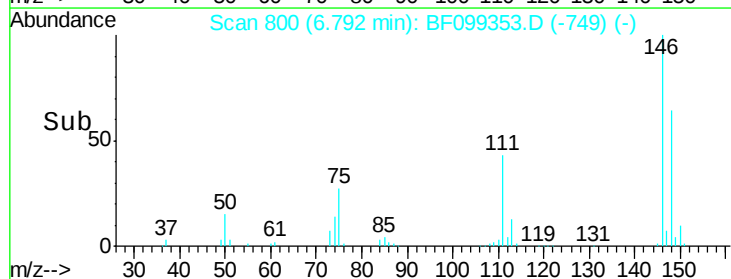
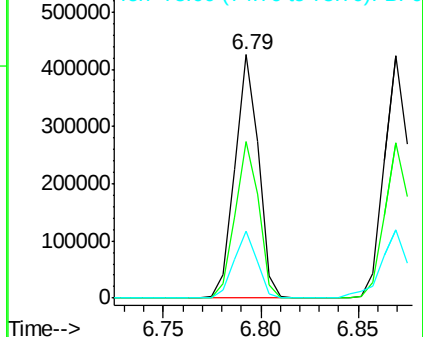
146 100

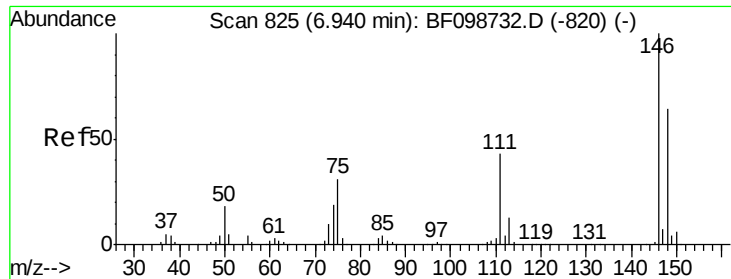
148 64.2 51.8 77.8

75 27.7 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

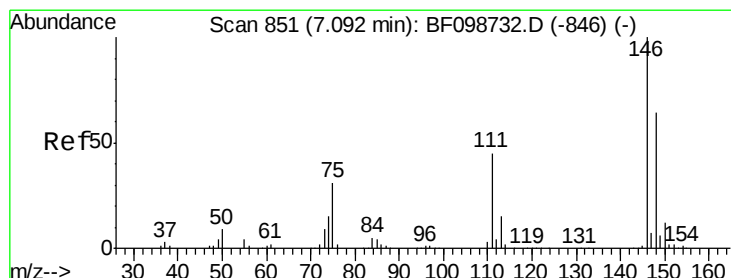
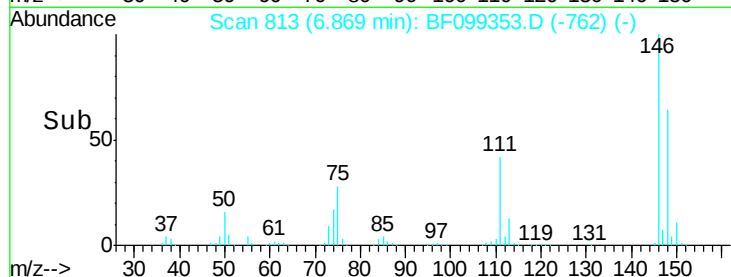
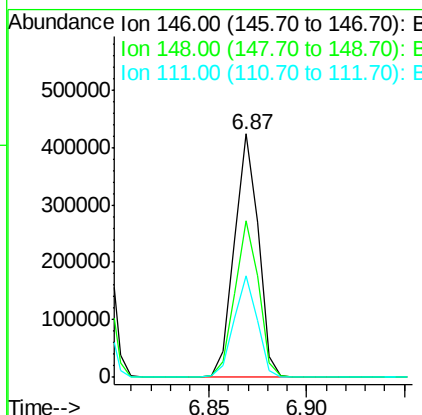
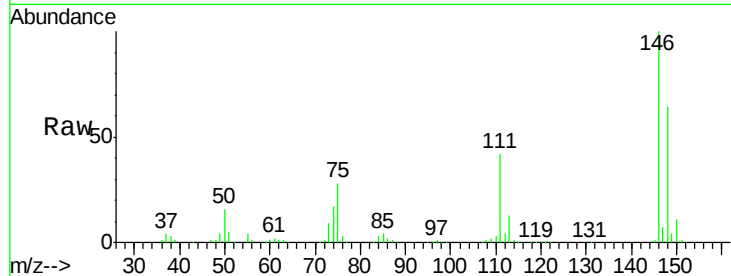




#13
 1,4-Dichlorobenzene
 Concen: 41.96 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF099353.D
 Acq: 11 Oct 2017 19:13

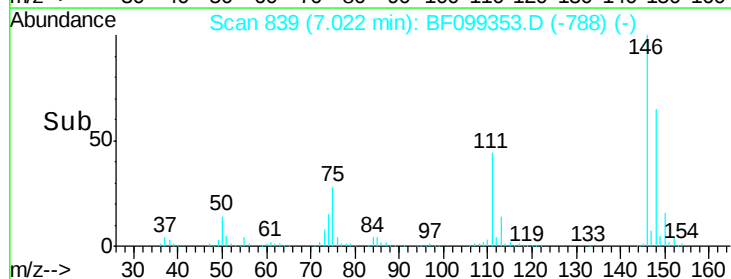
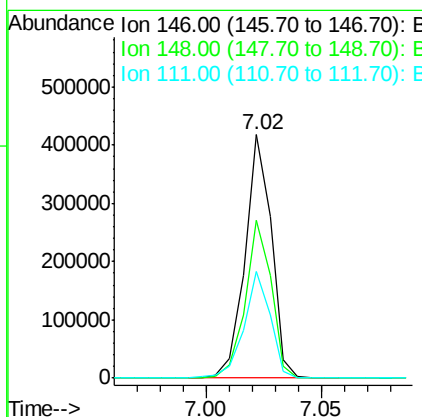
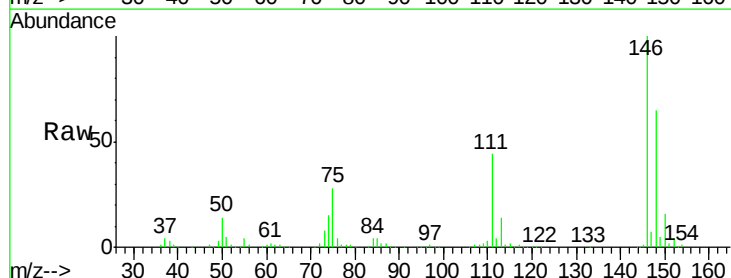
Instrument :
 BNA_F
 ClientSampleId :

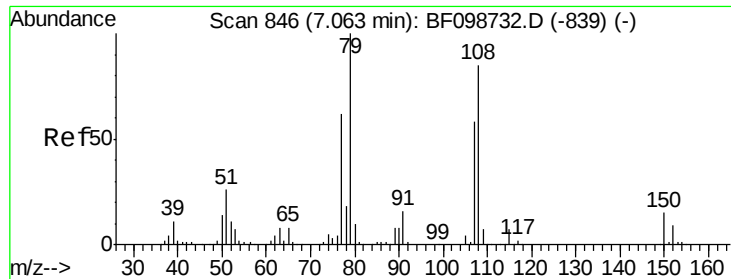
Tot Ion:146 Resp: 360946
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.8 76.2
 111 41.7 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.84 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF099353.D
 Acq: 11 Oct 2017 19:13

Tgt Ion:146 Resp: 332559
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.6 75.8
 111 43.6 36.0 54.0

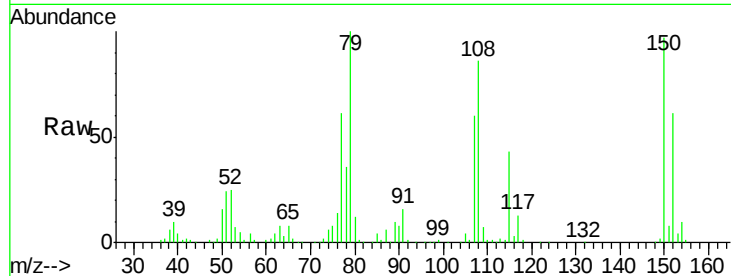




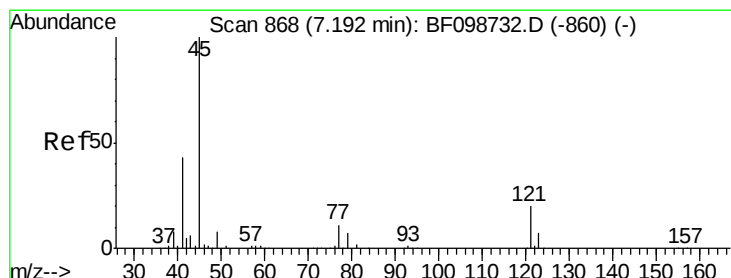
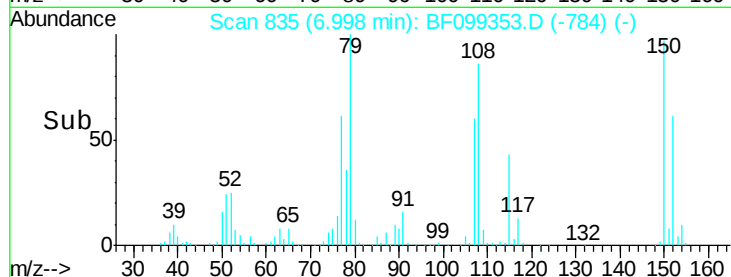
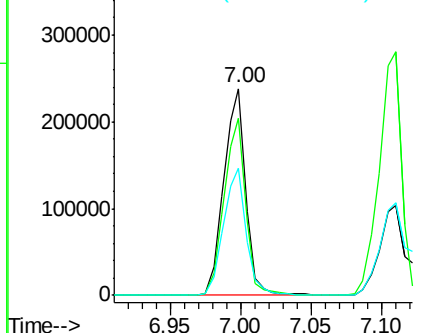
#15
Benzyl Alcohol
Concen: 39.74 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 256372
Ion Ratio Lower Upper
79 100
108 85.7 65.1 97.7
77 61.5 50.6 75.8

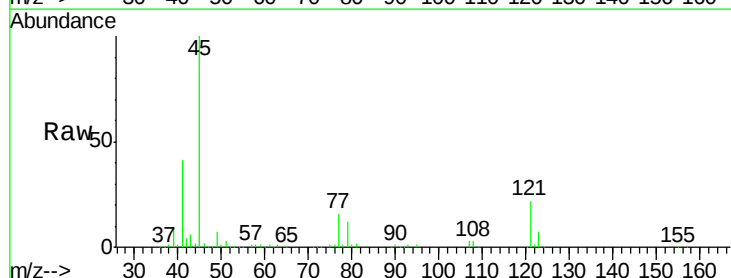


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

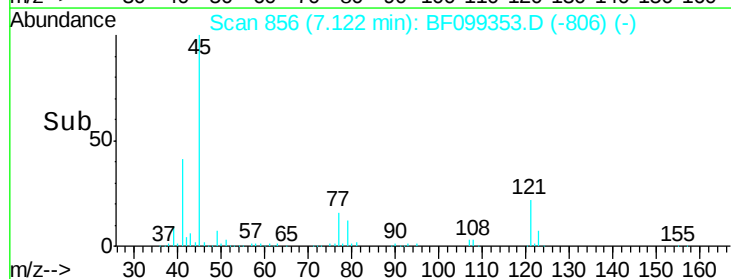
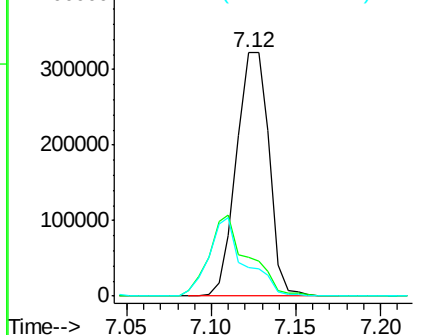


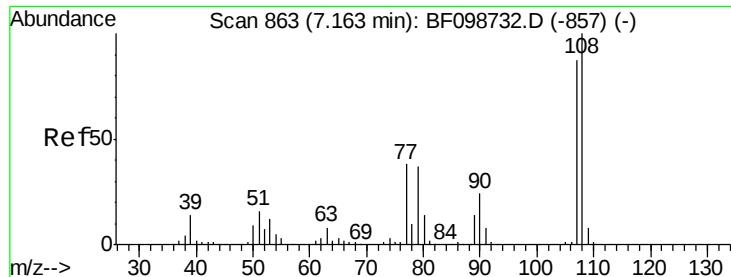
#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.51 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Tgt Ion: 45 Resp: 434914
Ion Ratio Lower Upper
45 100
77 15.7 0.0 32.9
79 11.6 0.0 29.6



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

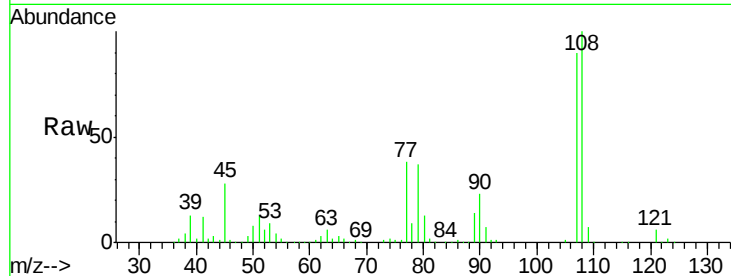




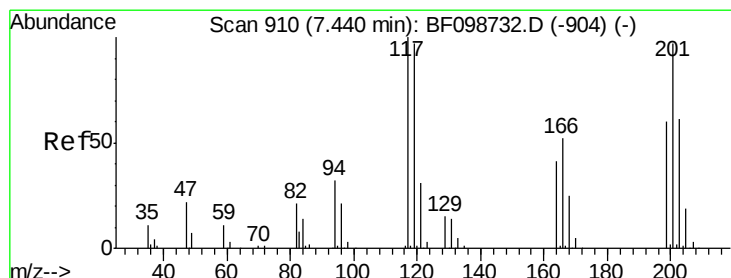
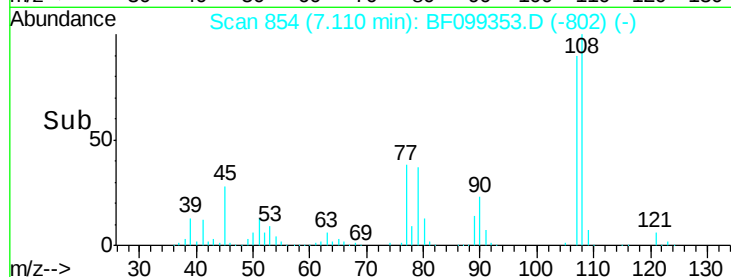
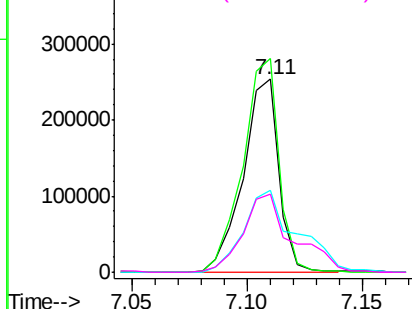
#17
2-Methylphenol
Concen: 41.69 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 275414
Ion Ratio Lower Upper
107 100
108 110.8 91.7 137.5
77 42.3 33.8 50.8
79 40.8 33.8 50.8

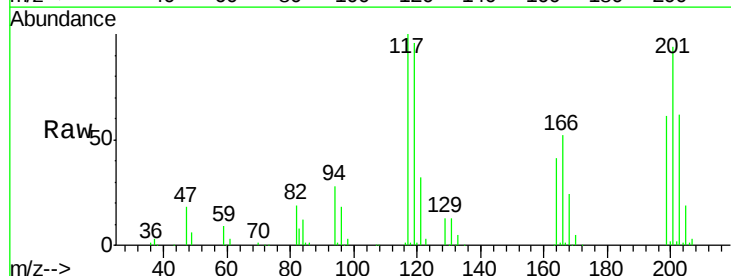


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

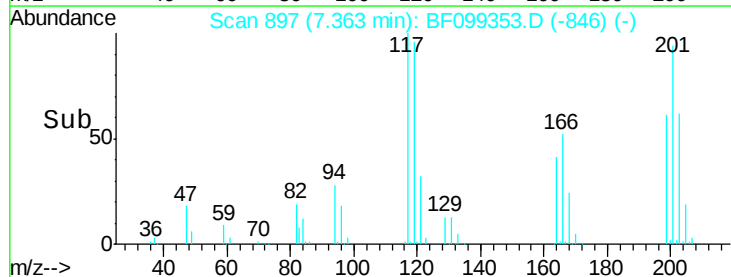
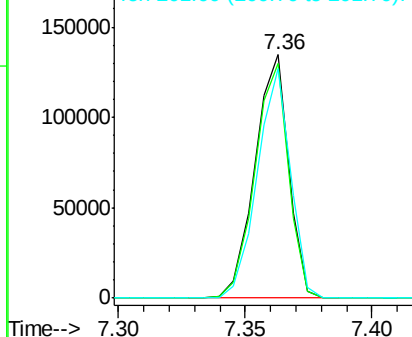


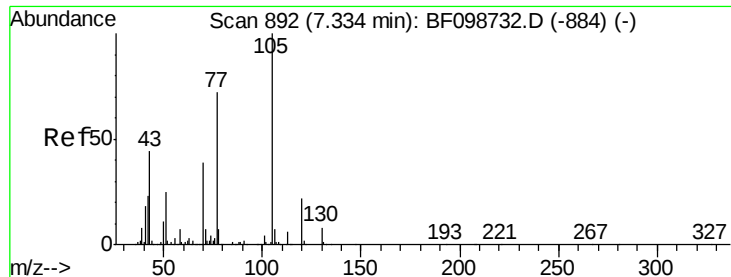
#18
Hexachloroethane
Concen: 40.52 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Tgt Ion:117 Resp: 125281
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
201 94.3 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

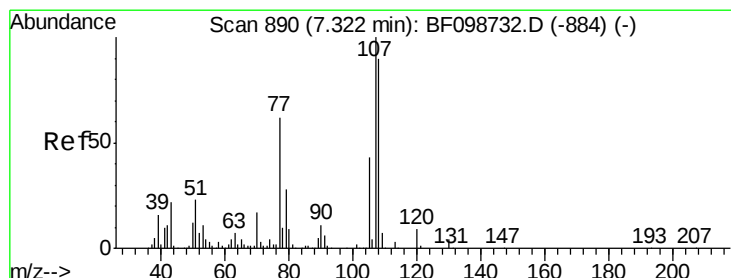
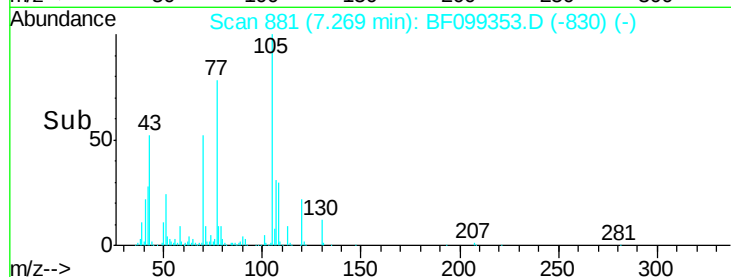
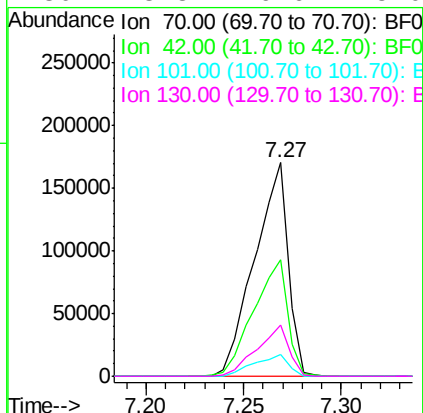
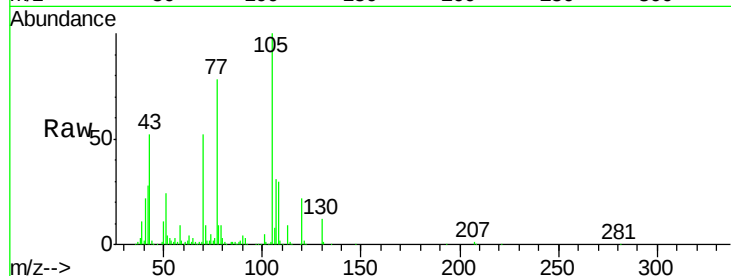




#19
n-Nitroso-di-n-propylamine
Concen: 36.26 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

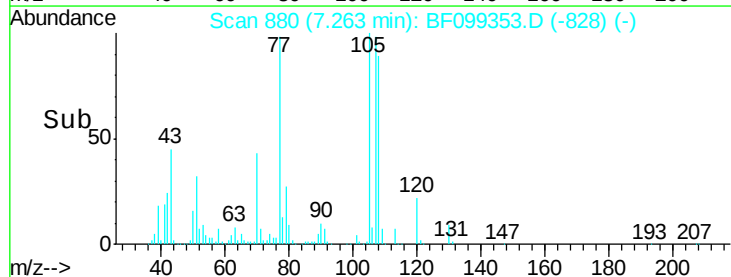
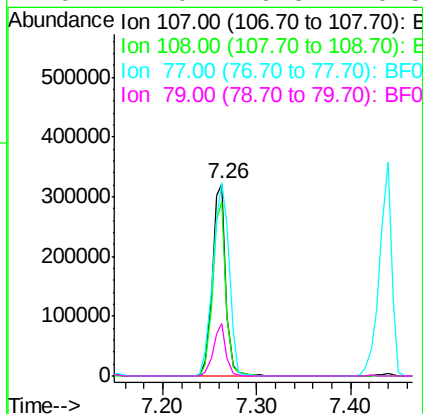
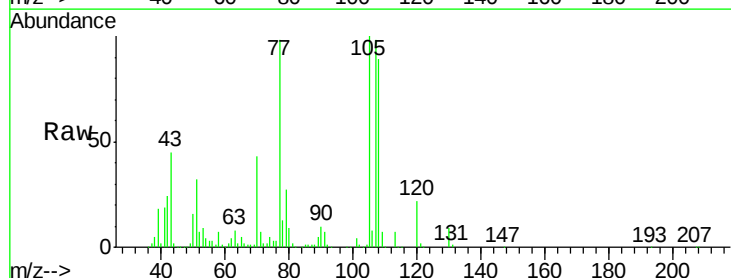
Instrument :
BNA_F
ClientSampled :

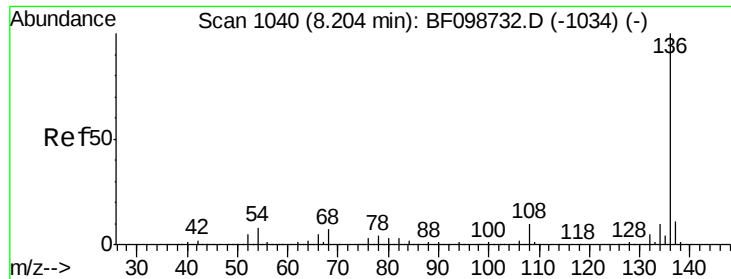
Tot Ion	Ratio	Lower	Upper
70	100		
42	54.3	47.5	71.3
101	10.3	7.4	11.2
130	23.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.07 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.2	108.2
77	100.3	26.7	66.7#
79	27.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 473584

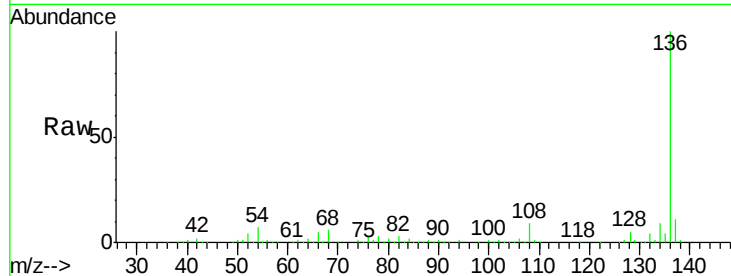
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.4 6.6 9.8

68 5.6 5.0 7.4

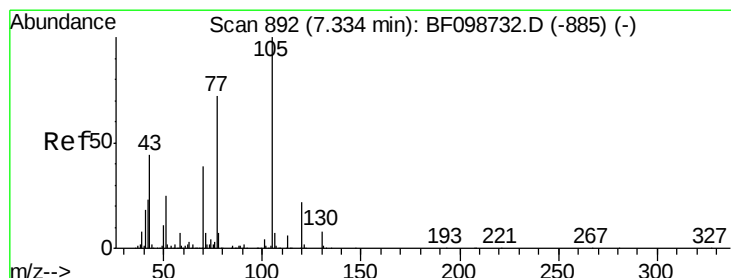
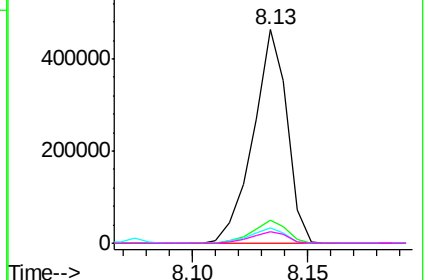
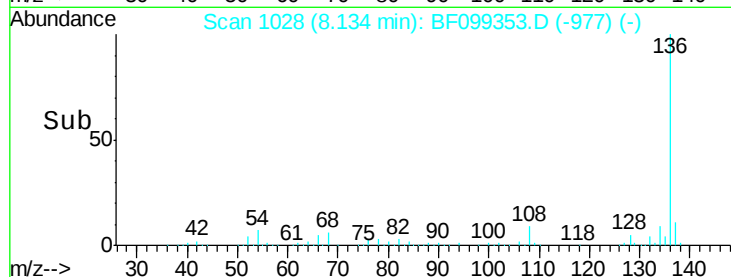


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.56 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

Tgt Ion:105 Resp: 430960

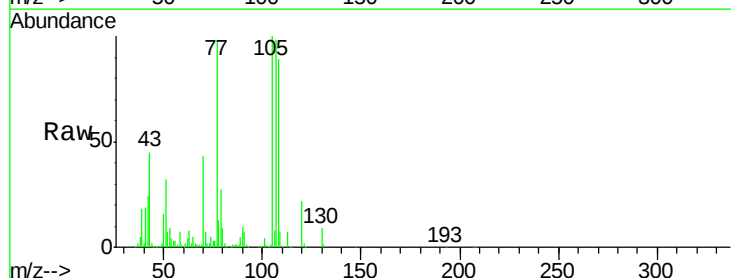
Ion Ratio Lower Upper

105 100

71 7.5 4.4 6.6#

51 32.3 22.3 33.5

120 21.5 16.9 25.3

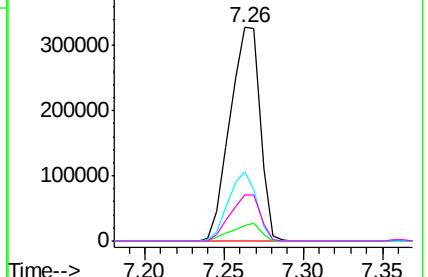
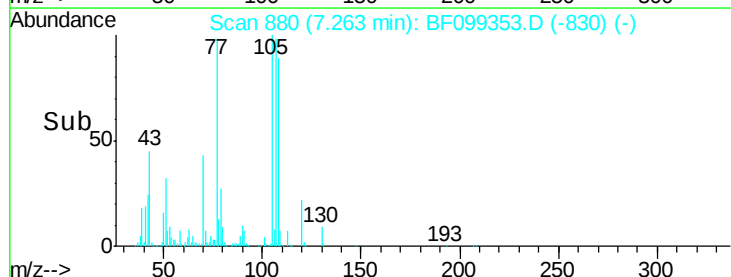


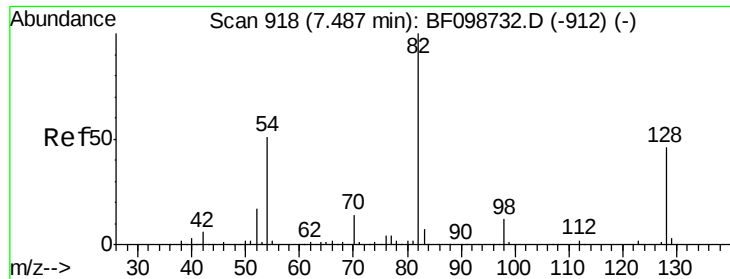
Abundance Ion 105.00 (104.70 to 105.70): E

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

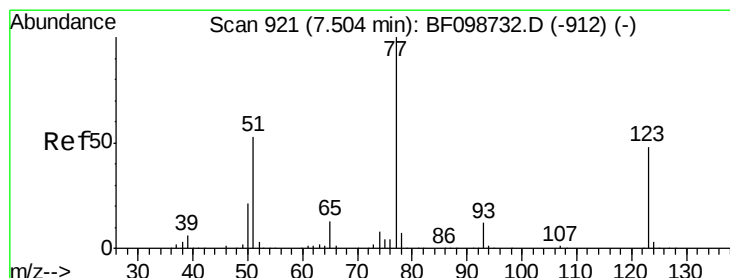
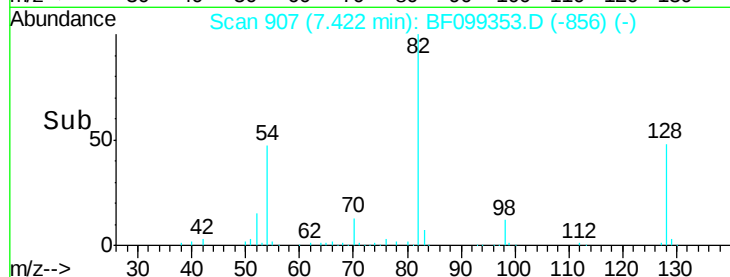
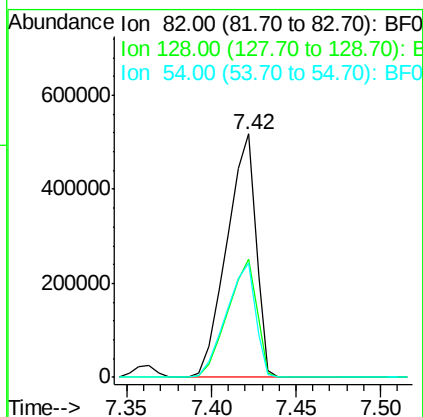
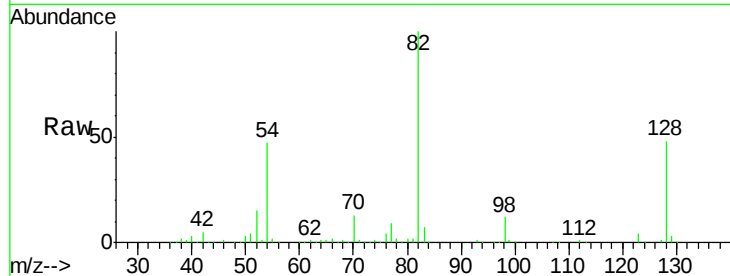




#23
 Nitrobenzene-d5
 Concen: 84.07 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099353.D
 Acq: 11 Oct 2017 19:13

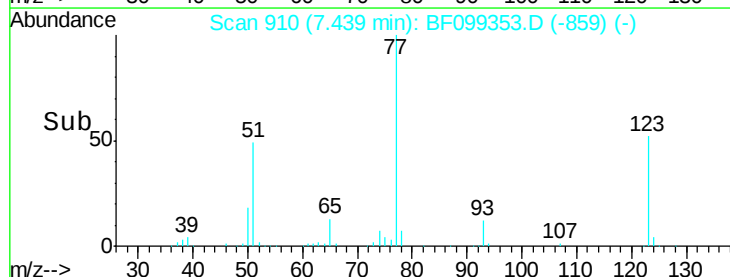
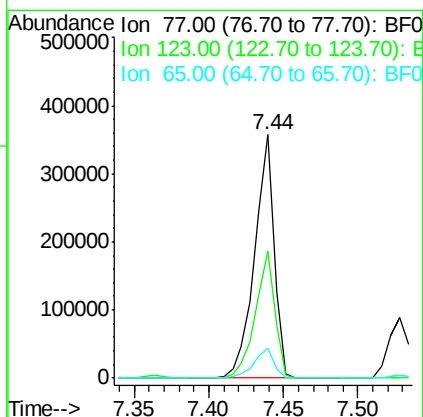
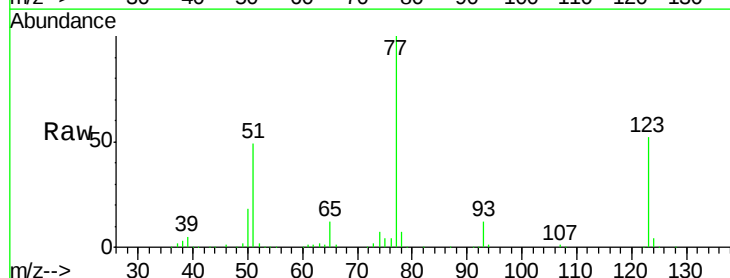
Instrument :
 BNA_F
 ClientSampleId :

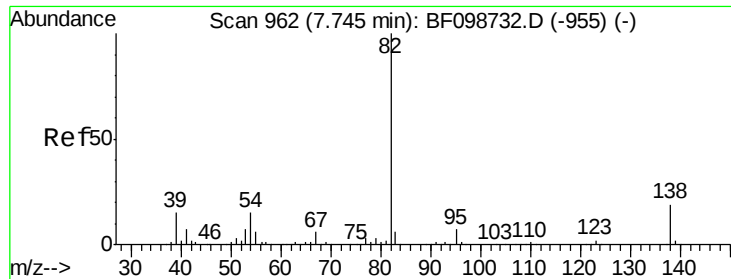
Tot Ion	82	Resp	620838
Ion Ratio	100	Lower	Upper
128	48.4	36.1	54.1
54	46.9	41.4	62.2



#24
 Nitrobenzene
 Concen: 38.49 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF099353.D
 Acq: 11 Oct 2017 19:13

Tgt Ion	77	Resp	322454
Ion Ratio	100	Lower	Upper
123	52.0	37.9	56.9
65	12.5	11.0	16.4

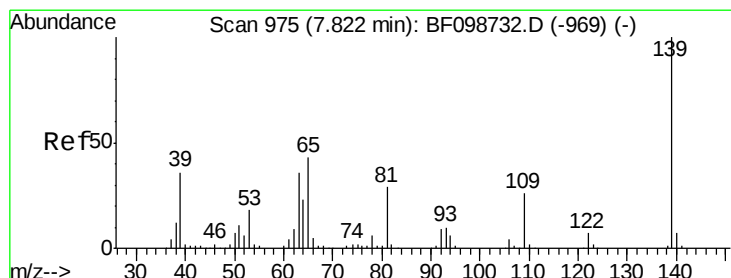
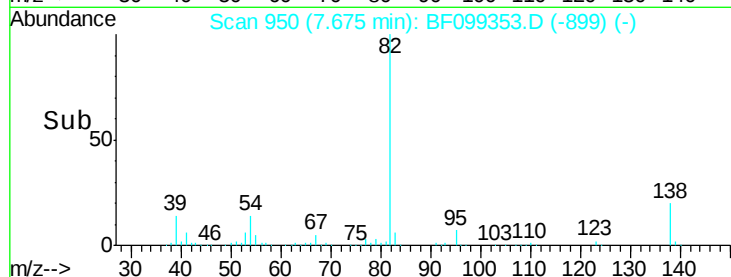
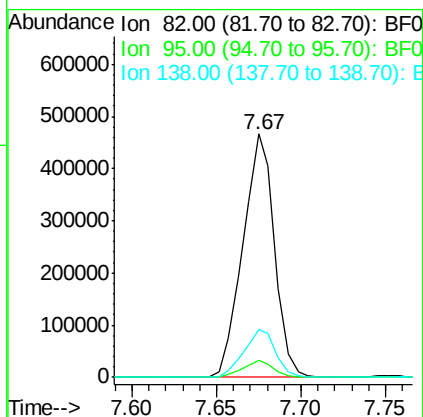
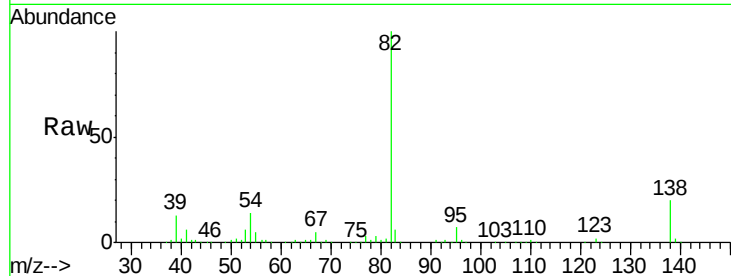




#25
Isophorone
Concen: 39.72 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

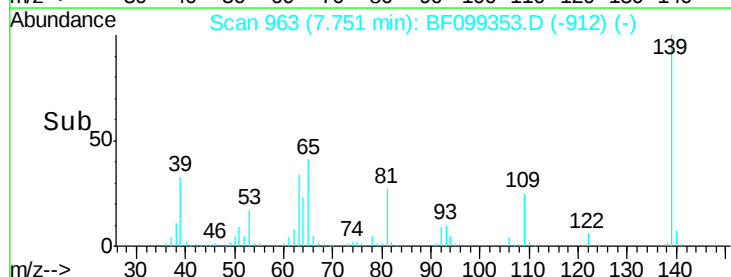
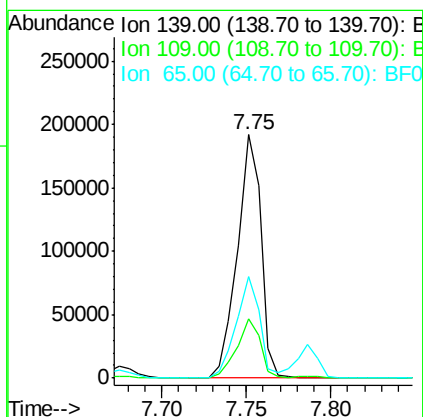
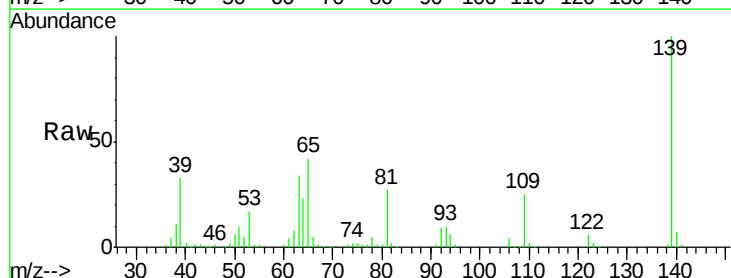
Instrument :
BNA_F
ClientSampleId :

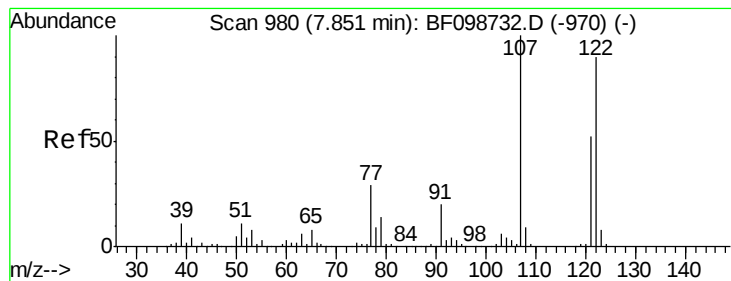
Tot Ion: 82 Resp: 606496
Ion Ratio Lower Upper
82 100
95 6.8 5.2 7.8
138 19.6 14.9 22.3



#26
2-Nitrophenol
Concen: 46.54 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Tgt Ion: 139 Resp: 187468
Ion Ratio Lower Upper
139 100
109 24.6 22.7 34.1
65 41.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 40.77 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

Instrument :

BNA_F

ClientSampled :

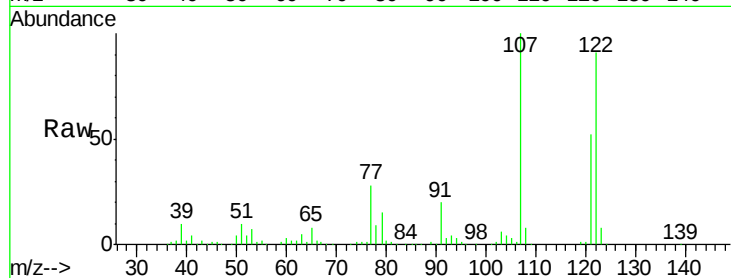
Tot Ion:122 Resp: 310183

Ion Ratio Lower Upper

122 100

107 110.4 91.2 136.8

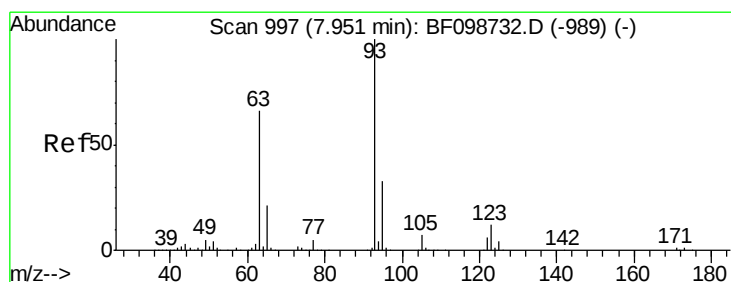
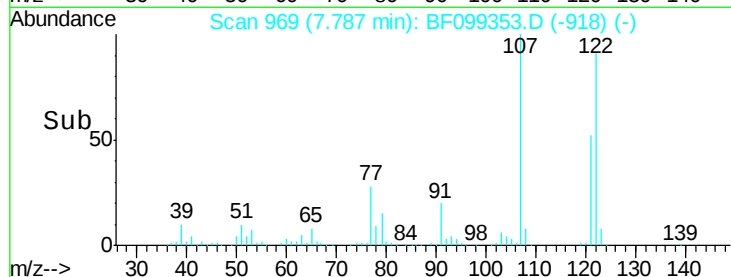
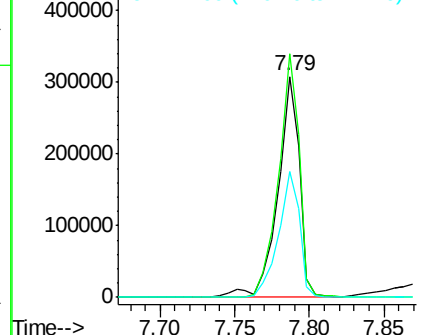
121 57.3 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.63 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

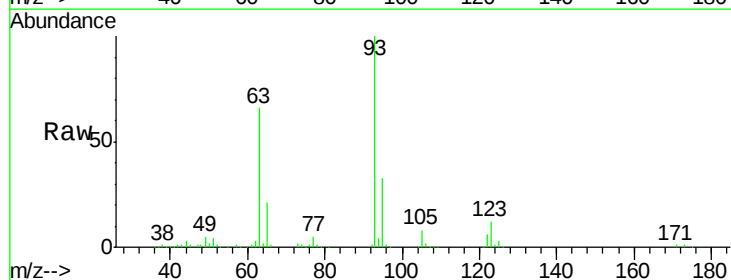
Tgt Ion: 93 Resp: 386582

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

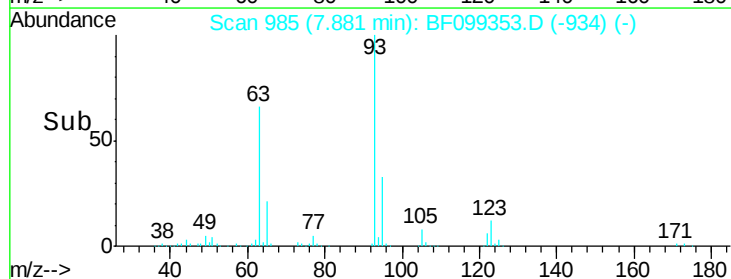
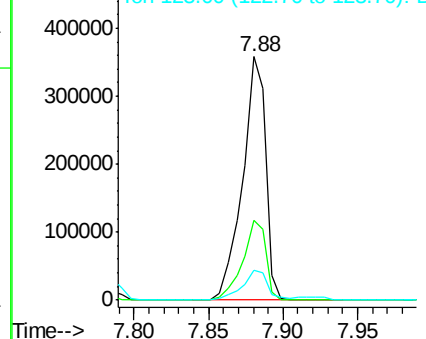
123 12.3 9.8 14.6

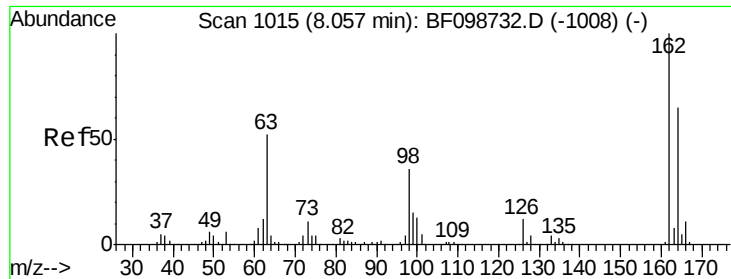


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

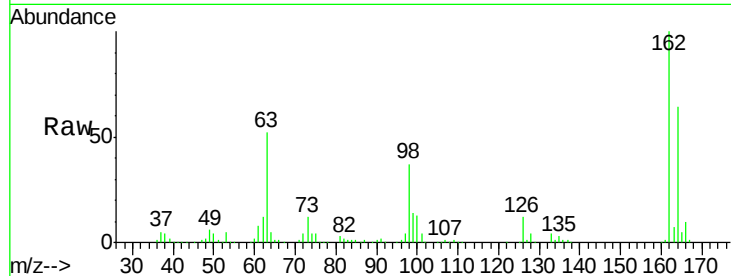




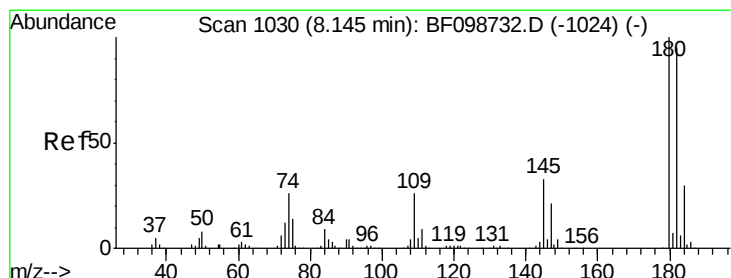
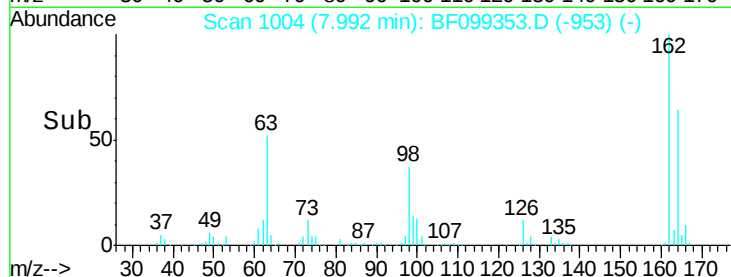
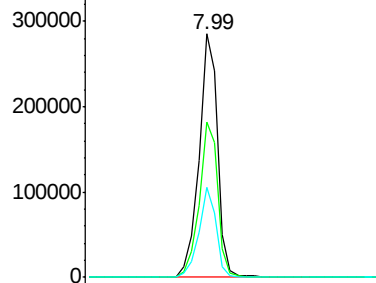
#29
 2,4-Dichlorophenol
 Concen: 42.76 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF099353.D
 Acq: 11 Oct 2017 19:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 279283
 Ion Ratio Lower Upper
 162 100
 164 64.0 42.7 82.7
 98 36.9 18.1 58.1

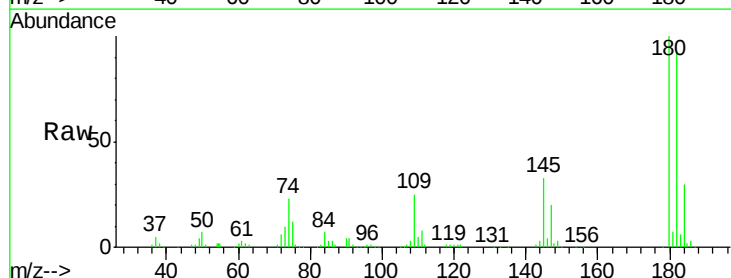


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

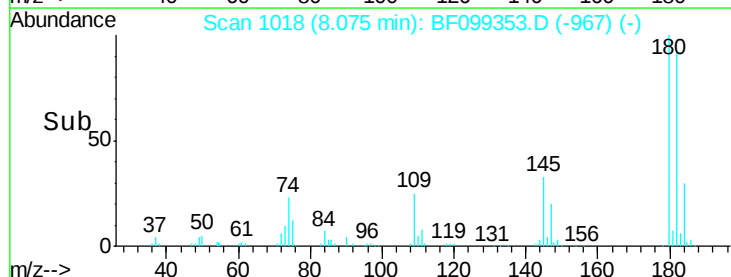
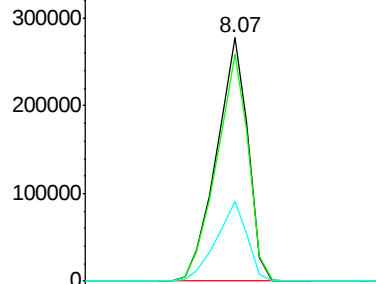


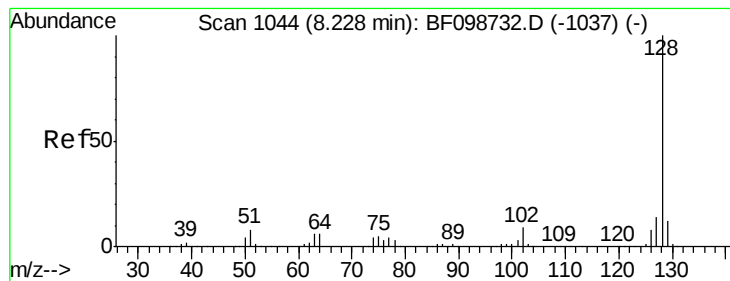
#30
 1,2,4-Trichlorobenzene
 Concen: 43.75 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF099353.D
 Acq: 11 Oct 2017 19:13

Tgt Ion:180 Resp: 285792
 Ion Ratio Lower Upper
 180 100
 182 93.3 76.8 115.2
 145 32.7 26.5 39.7



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





#31

Naphthalene

Concen: 42.26 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

Instrument :

BNA_F

ClientSampleId :

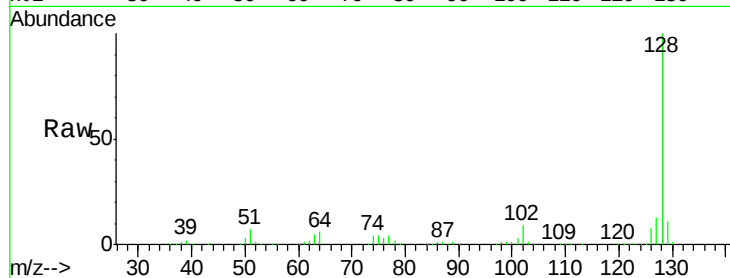
Tot Ion:128 Resp: 939995

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

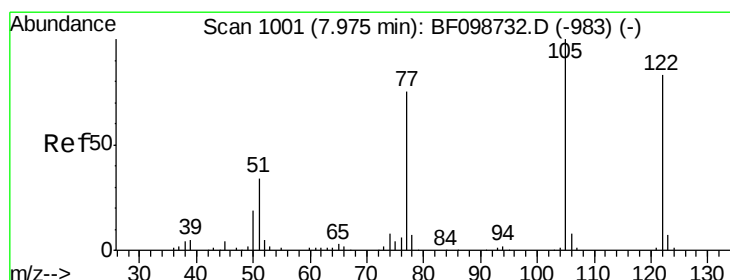
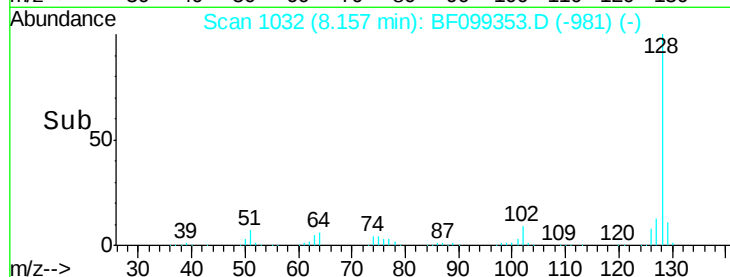
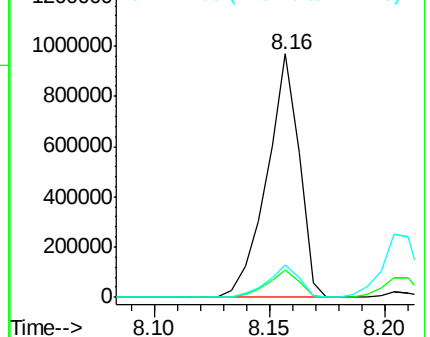
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.52 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

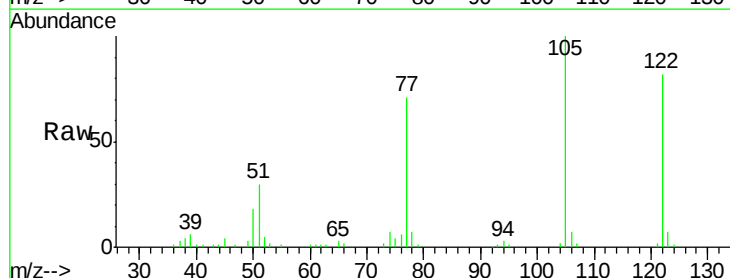
Tgt Ion:122 Resp: 171971

Ion Ratio Lower Upper

122 100

105 121.6 101.1 141.1

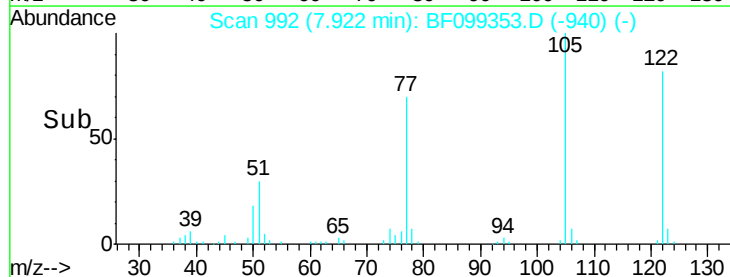
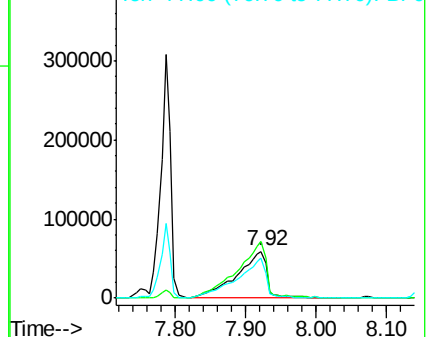
77 85.8 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

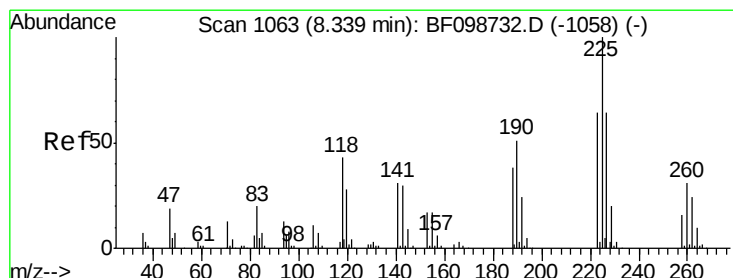
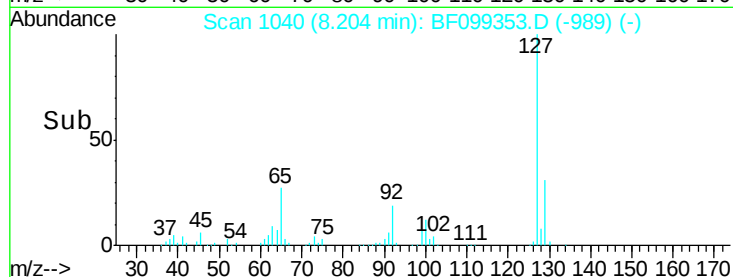
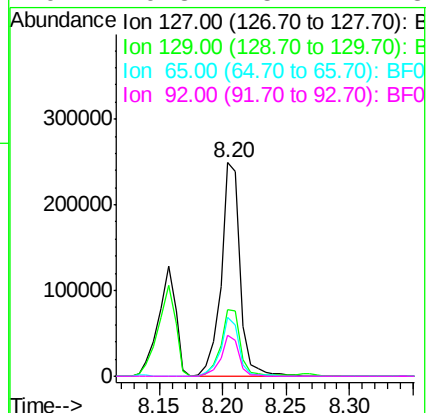
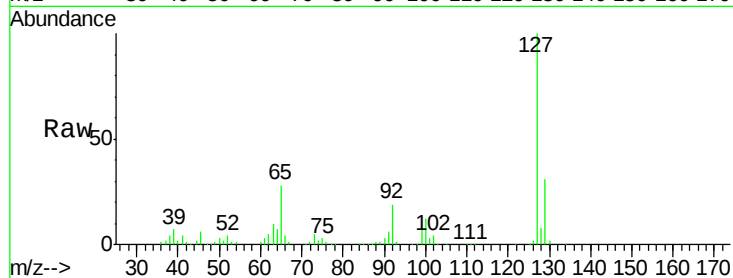




#33
4-Chloroaniline
Concen: 28.16 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

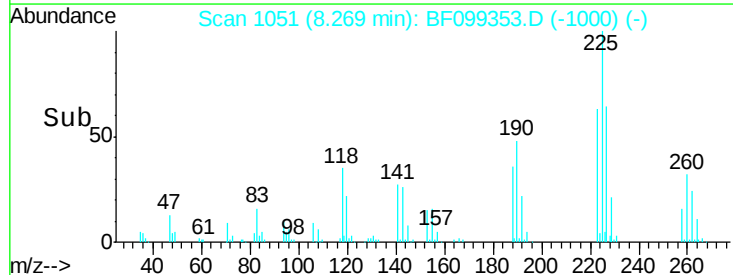
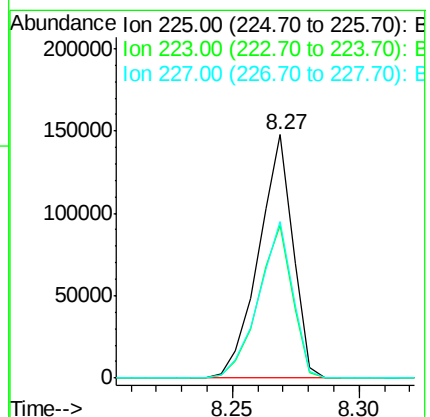
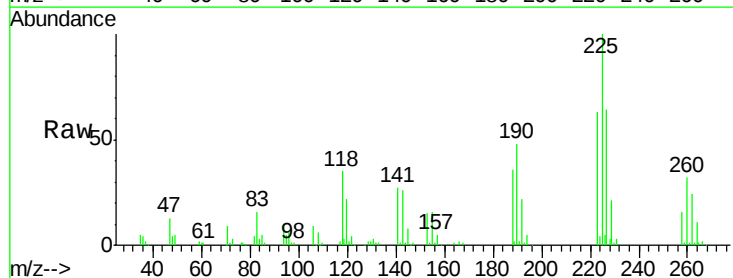
Instrument :
BNA_F
ClientSampleId :

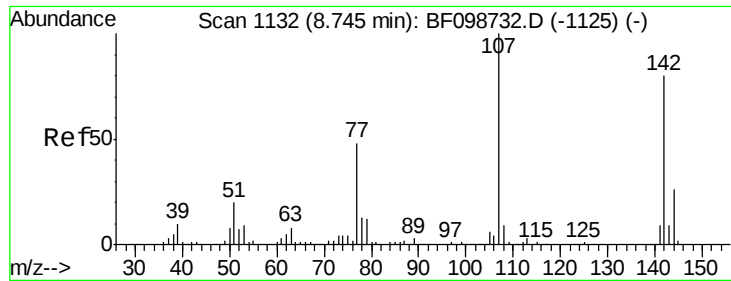
Tot Ion:	127	Resp:	261540
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	27.8	25.0	37.4
92	19.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.29 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Tgt Ion:	225	Resp:	138948
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	64.5	51.9	77.9

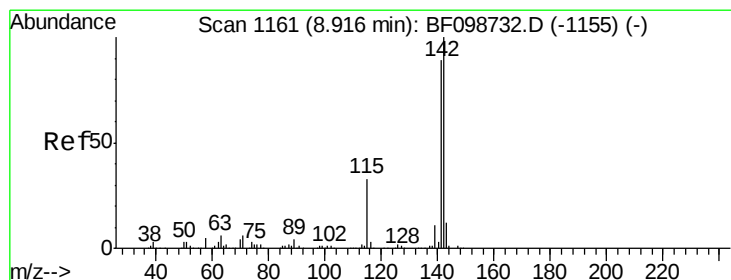
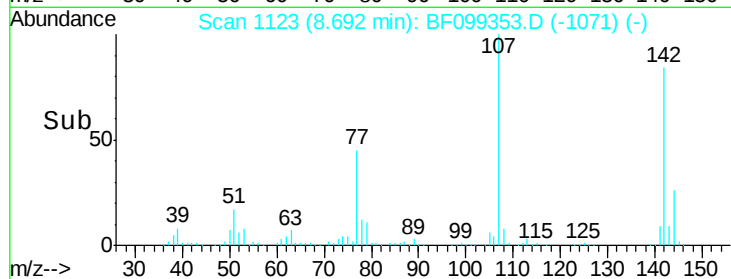
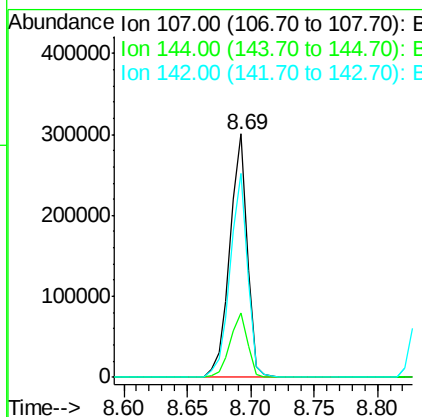
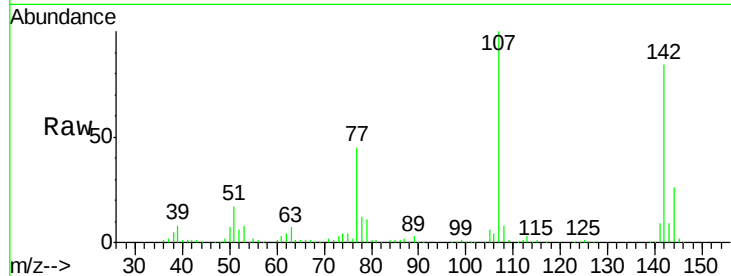




#36
 4-Chloro-3-methylphenol
 Concen: 39.07 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF099353.D
 Acq: 11 Oct 2017 19:13

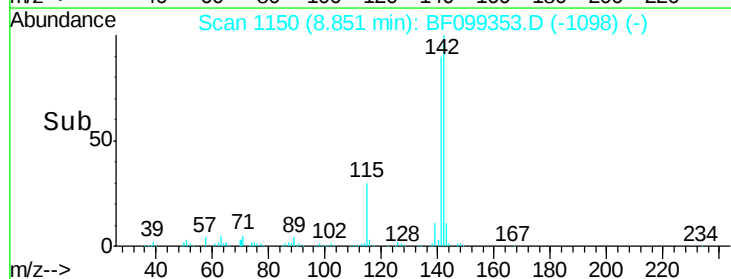
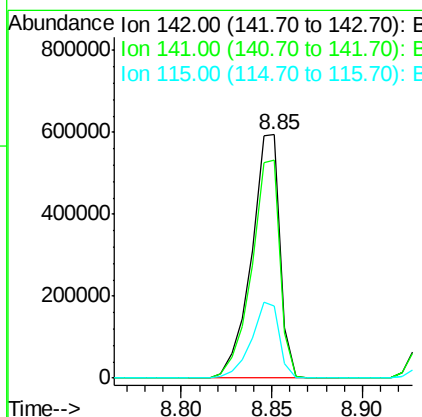
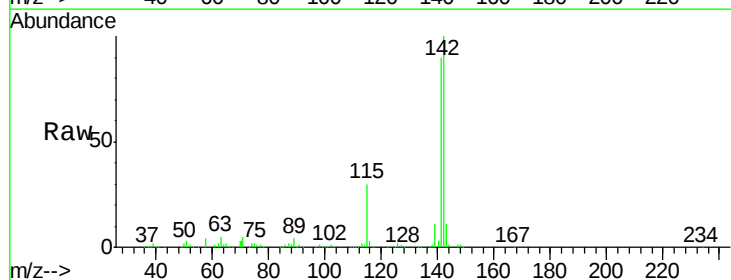
Instrument :
 BNA_F
 ClientSampleId :

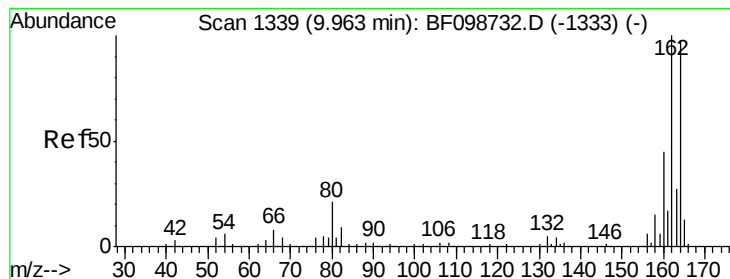
Tot Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.5	30.7
142	83.9	62.0	93.0



#37
 2-Methylnaphthalene
 Concen: 44.98 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF099353.D
 Acq: 11 Oct 2017 19:13

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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

Instrument :

BNA_F

ClientSampleId :

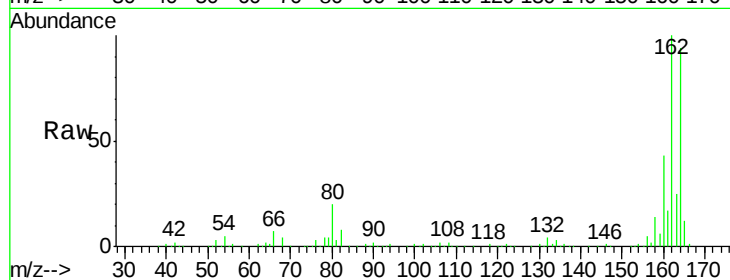
Tot Ion:164 Resp: 218003

Ion Ratio Lower Upper

164 100

162 106.6 86.1 129.1

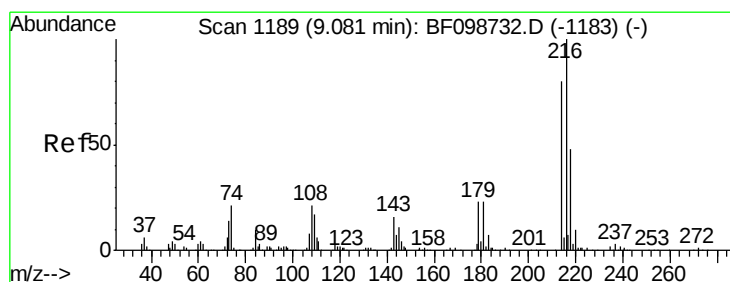
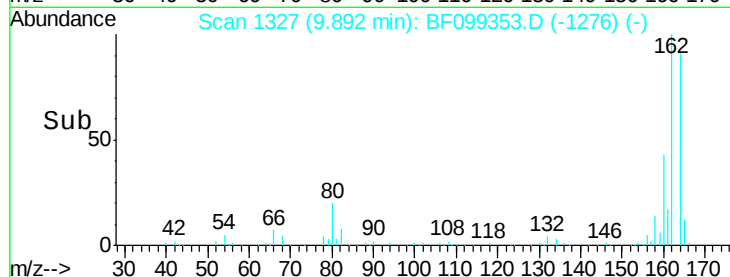
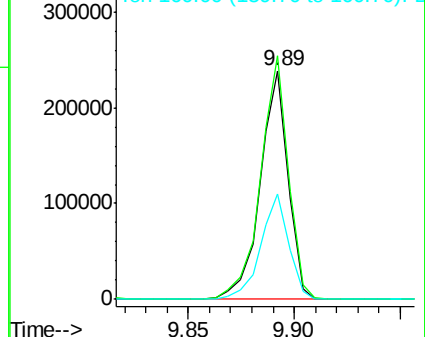
160 46.1 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.70 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

Tgt Ion:216 Resp: 258100

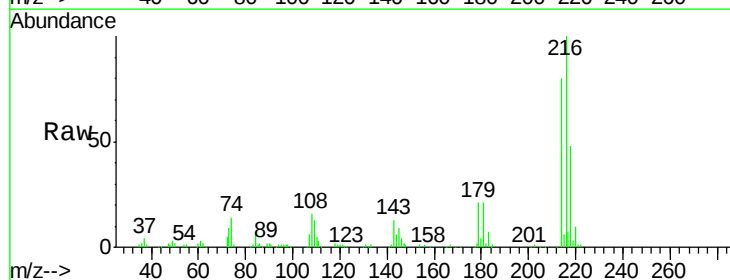
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 22.2 18.1 27.1

108 20.2 17.2 25.8

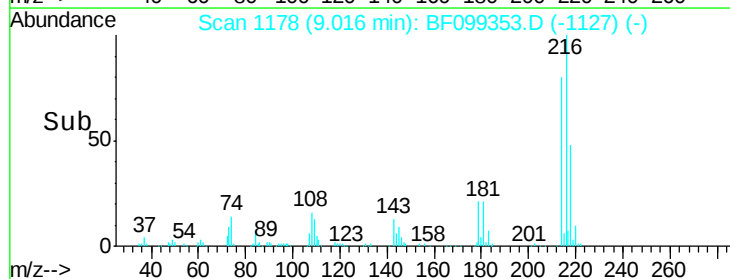
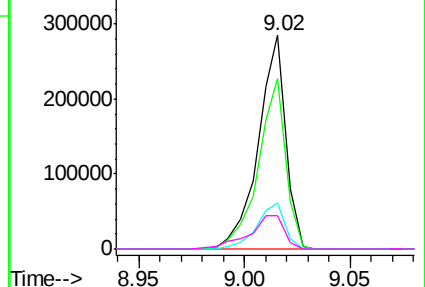


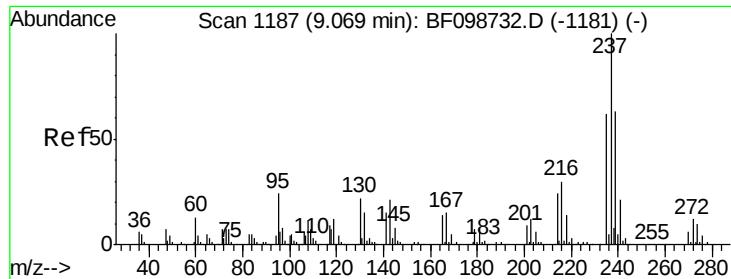
Abundance Ion 216.00 (215.70 to 216.70): E

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

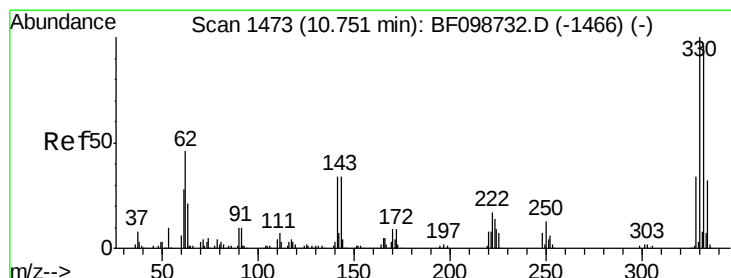
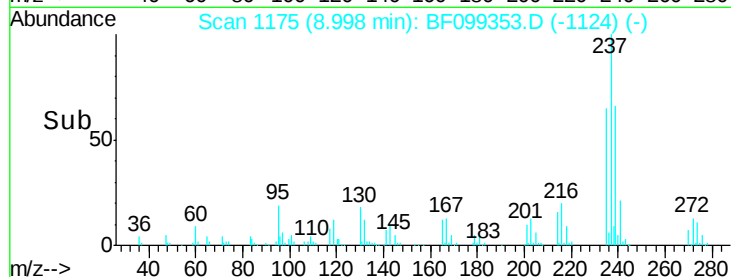
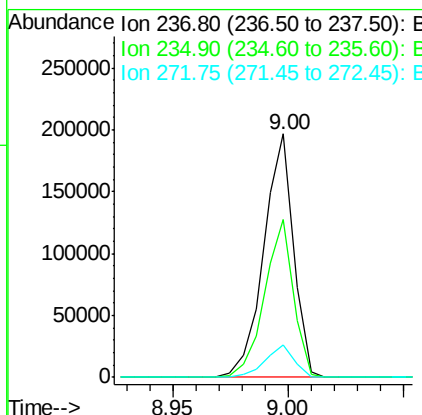
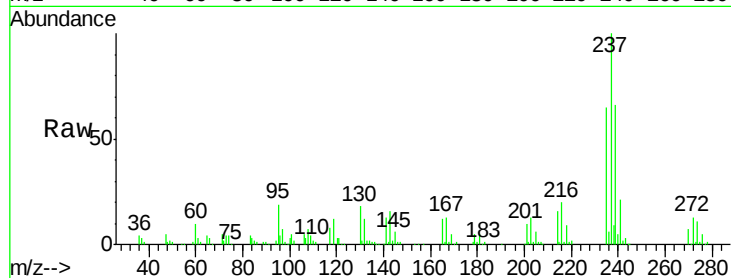




#40
Hexachlorocyclopentadiene
Concen: 59.35 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

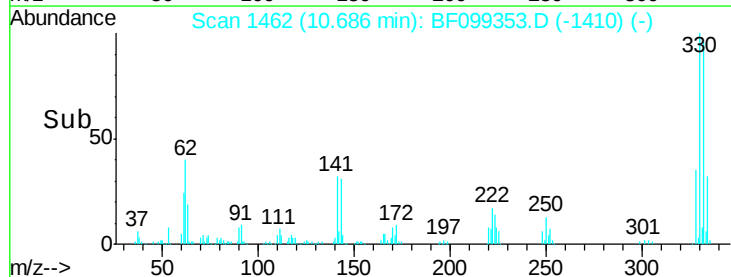
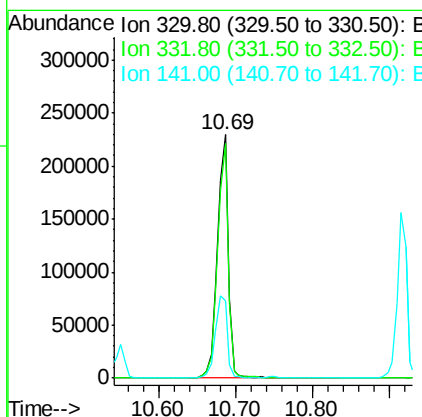
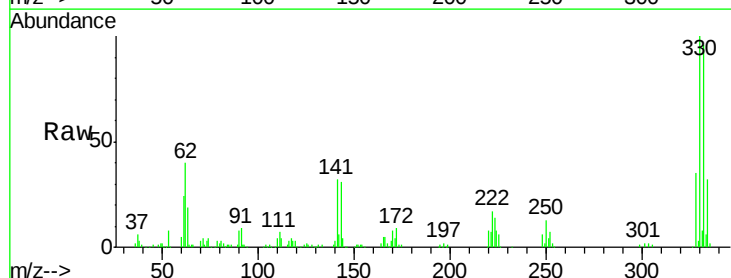
Instrument :
BNA_F
ClientSampleId :

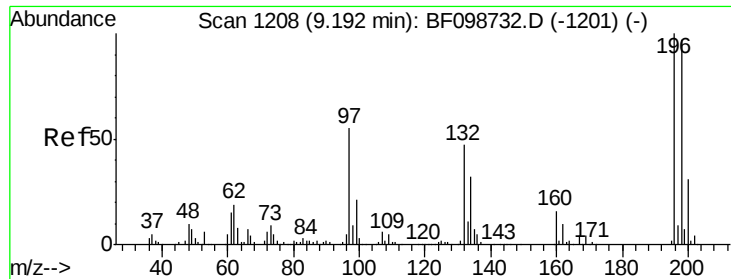
Tot Ion:237 Resp: 176343
Ion Ratio Lower Upper
237 100
235 64.6 44.8 84.8
272 13.4 0.0 33.3



#41
2,4,6-Tribromophenol
Concen: 124.21 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Tgt Ion:330 Resp: 221580
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 37.1 29.9 44.9

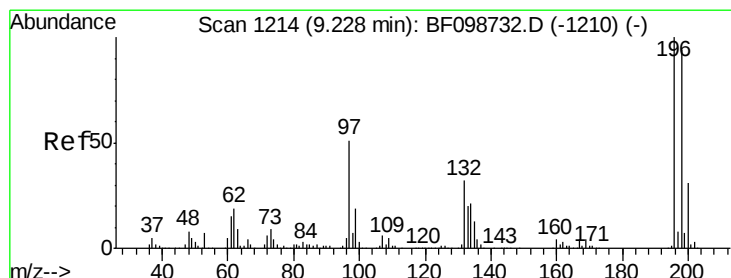
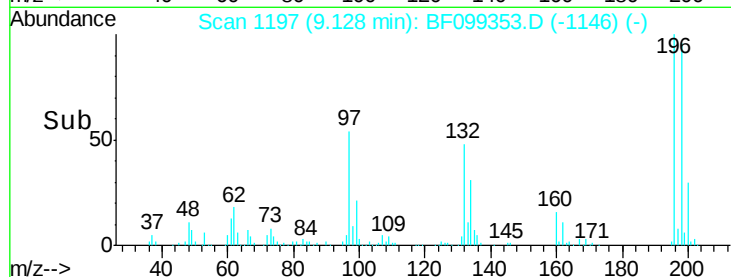
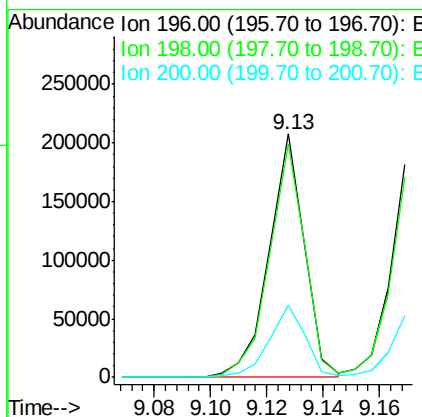
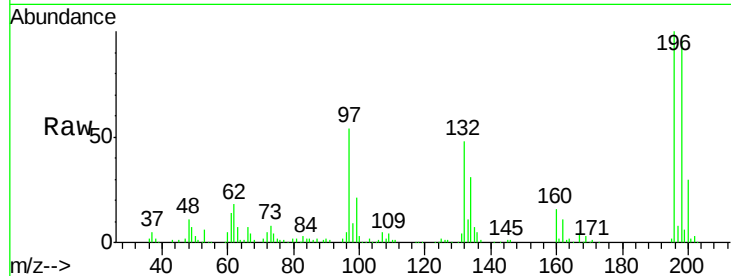




#42
 2,4,6-Trichlorophenol
 Concen: 39.13 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF099353.D
 Acq: 11 Oct 2017 19:13

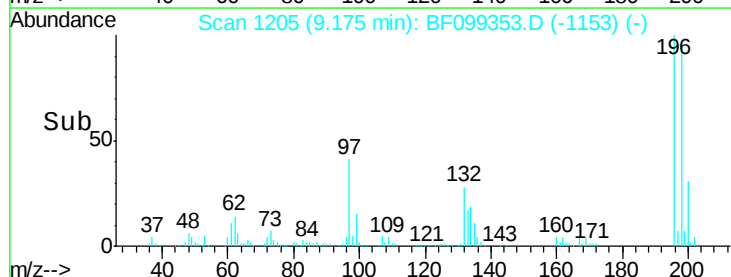
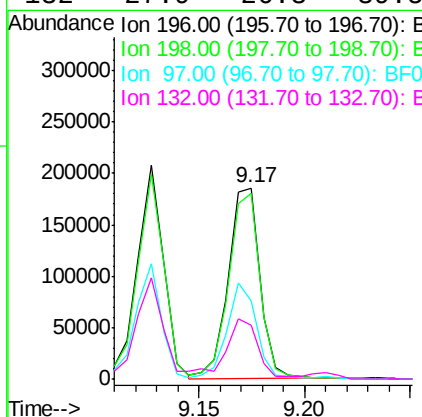
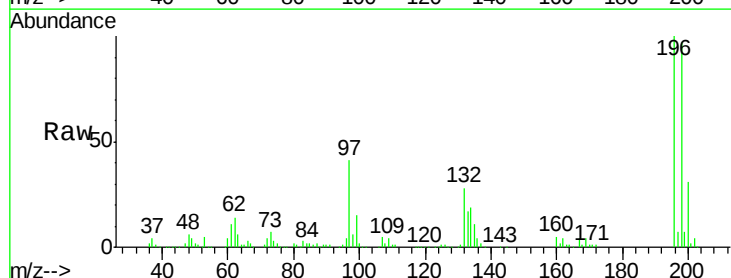
Instrument :
 BNA_F
 ClientSampled :

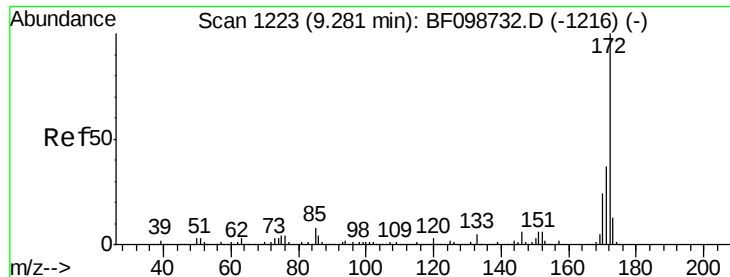
Tot Ion:196 Resp: 180219
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.7 113.5
 200 29.7 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 41.57 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF099353.D
 Acq: 11 Oct 2017 19:13

Tgt Ion:196 Resp: 191139
 Ion Ratio Lower Upper
 196 100
 198 97.3 74.6 112.0
 97 41.0 42.9 64.3#
 132 27.9 26.3 39.5

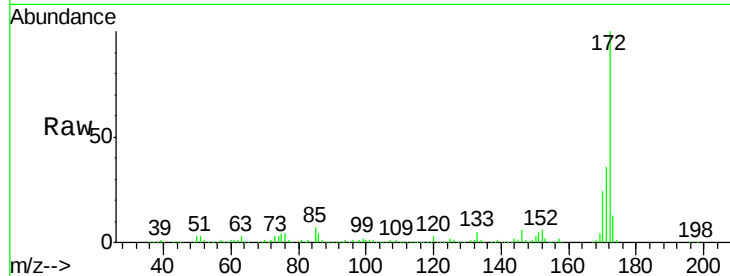




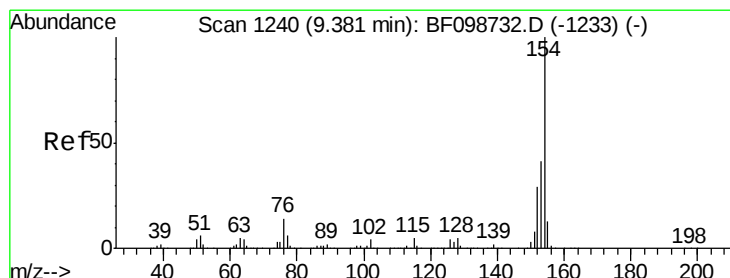
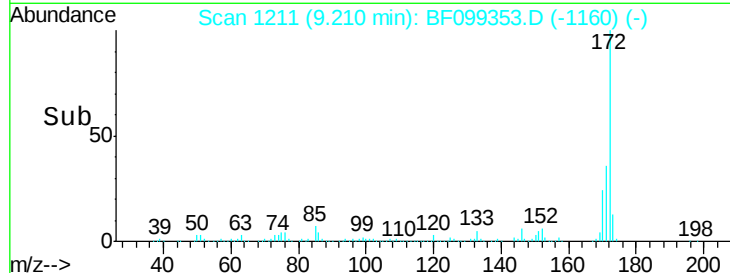
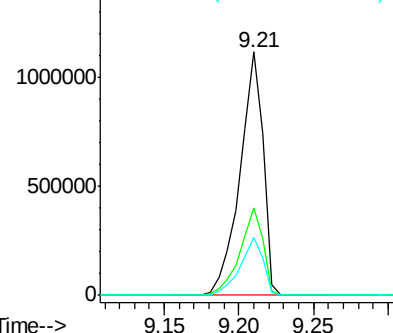
#44
2-Fluorobiphenyl
Concen: 91.08 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1189441
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.8 19.6 29.4

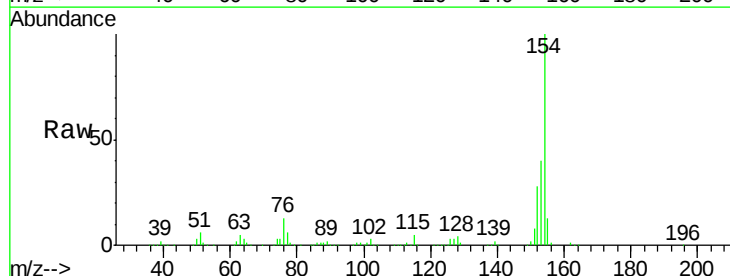


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

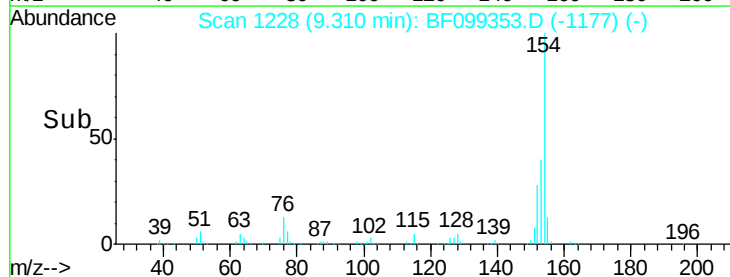
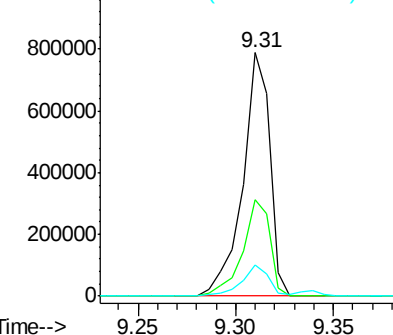


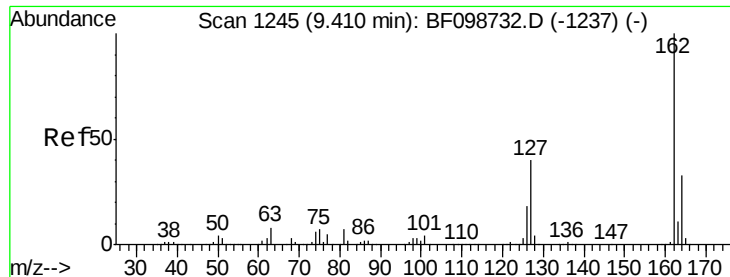
#45
1,1'-Biphenyl
Concen: 40.27 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Tgt Ion:154 Resp: 754442
Ion Ratio Lower Upper
154 100
153 39.8 21.3 61.3
76 13.0 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

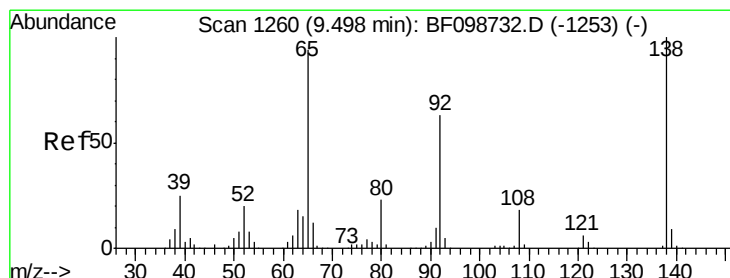
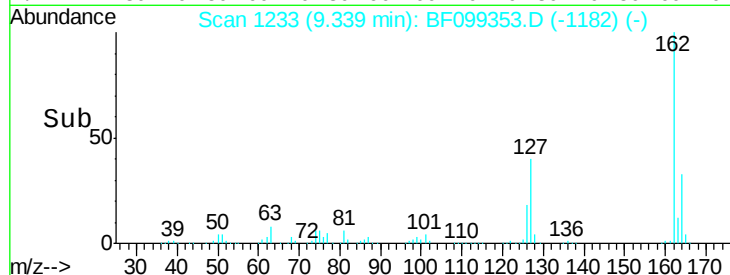
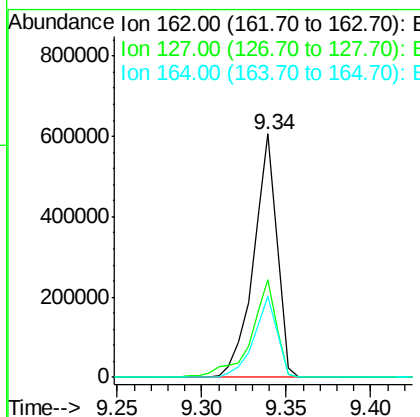
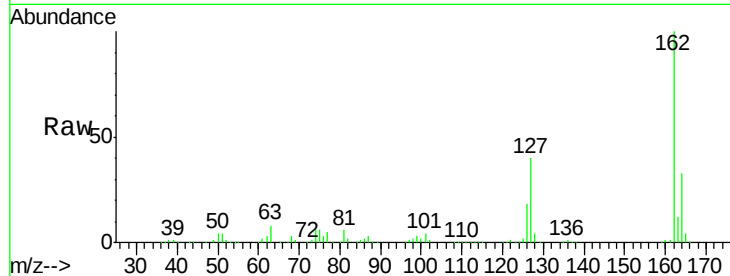




#46
 2-Chloronaphthalene
 Concen: 41.81 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF099353.D
 Acq: 11 Oct 2017 19:13

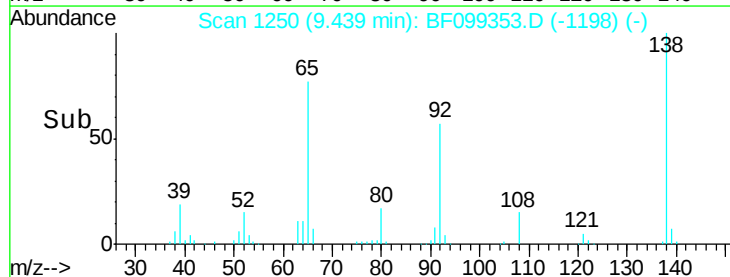
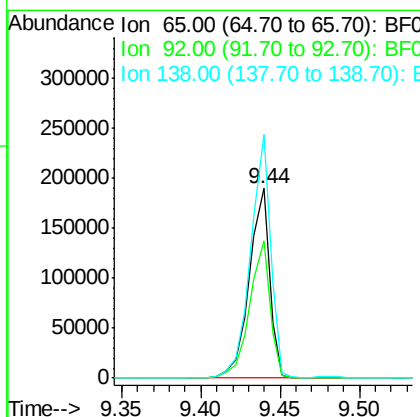
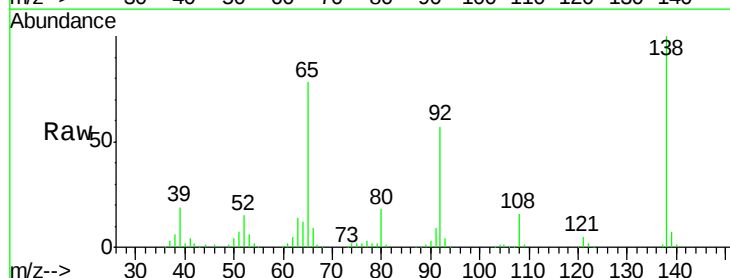
Instrument :
 BNA_F
 ClientSampleId :

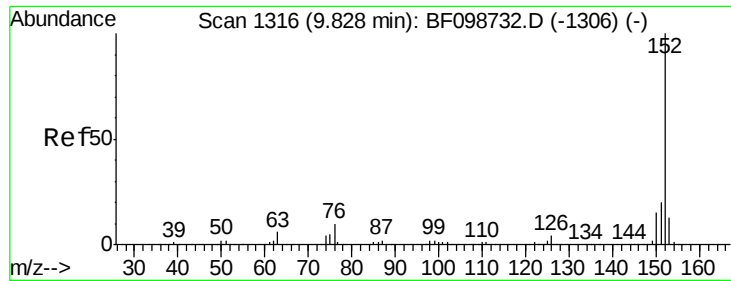
Tot Ion:162 Resp: 588132
 Ion Ratio Lower Upper
 162 100
 127 40.2 33.9 50.9
 164 33.4 26.5 39.7



#47
 2-Nitroaniline
 Concen: 39.40 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF099353.D
 Acq: 11 Oct 2017 19:13

Tgt Ion: 65 Resp: 169692
 Ion Ratio Lower Upper
 65 100
 92 72.9 55.8 83.6
 138 128.6 91.2 136.8





#48

Acenaphthylene

Concen: 41.47 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

Instrument :

BNA_F

ClientSampleId :

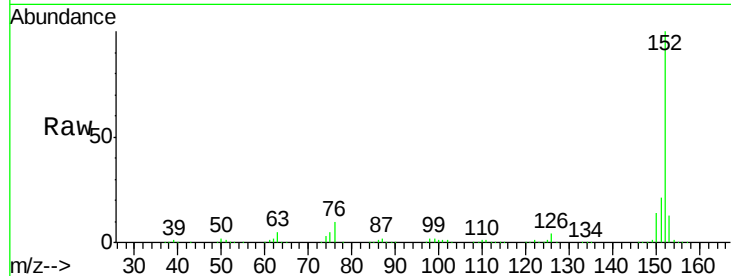
Tot Ion:152 Resp: 893004

Ion Ratio Lower Upper

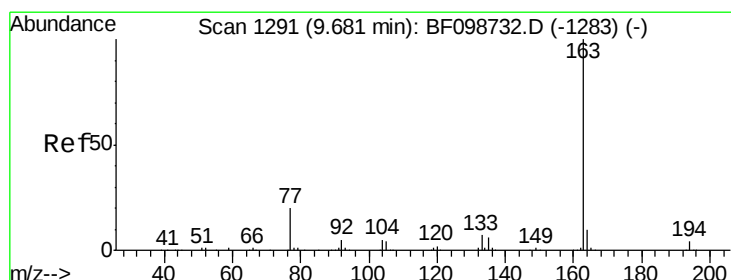
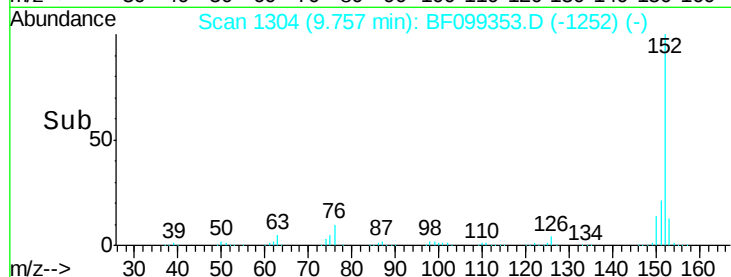
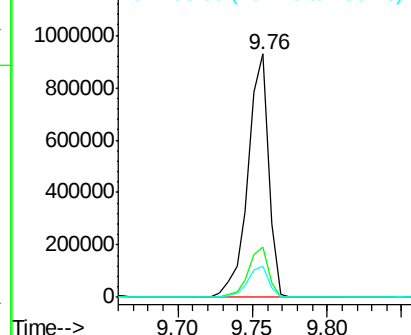
152 100

151 20.9 16.3 24.5

153 13.0 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: 41.55 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

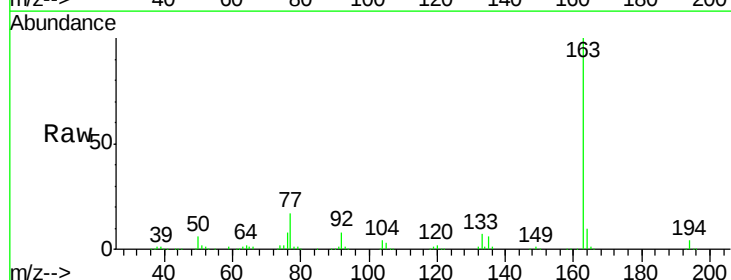
Tgt Ion:163 Resp: 683626

Ion Ratio Lower Upper

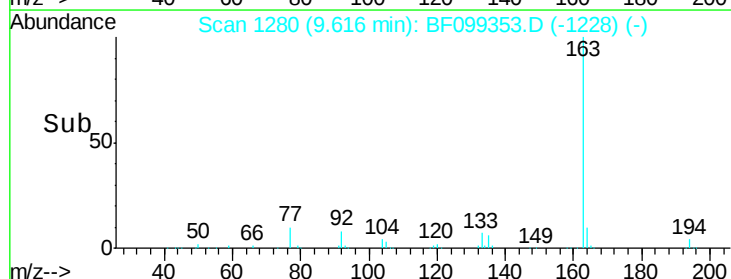
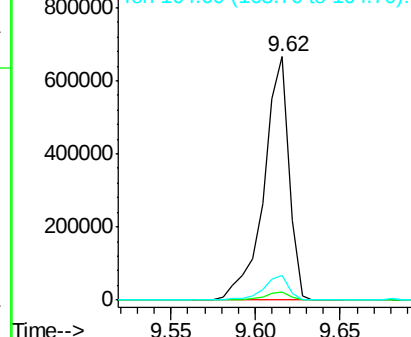
163 100

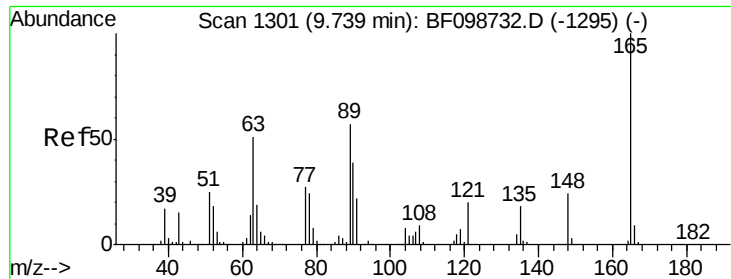
194 3.5 2.7 4.1

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

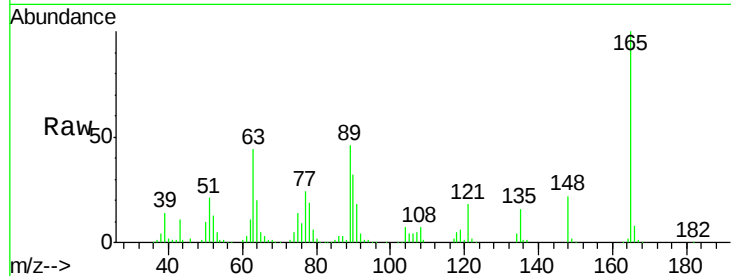




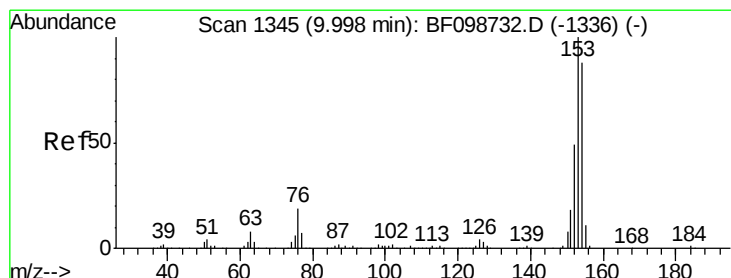
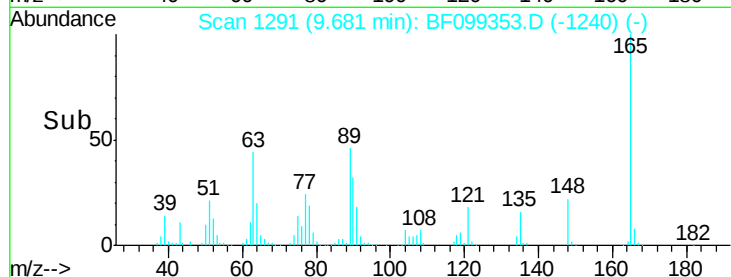
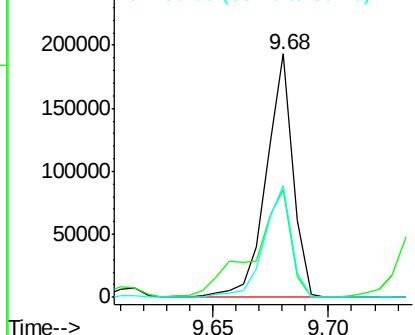
#50
 2,6-Dinitrotoluene
 Concen: 43.43 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BF099353.D
 Acq: 11 Oct 2017 19:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 155586
 Ion Ratio Lower Upper
 165 100
 63 44.1 44.7 67.1#
 89 46.0 44.0 66.0

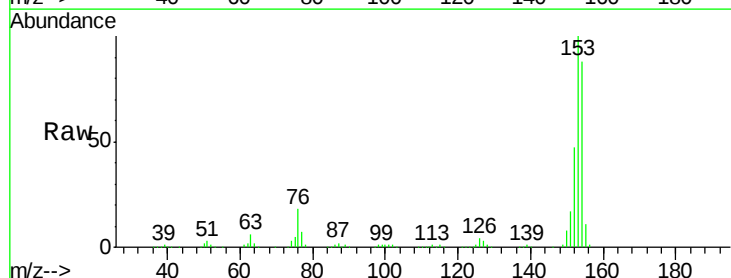


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

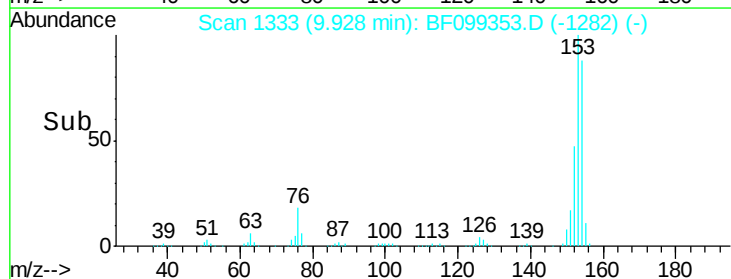
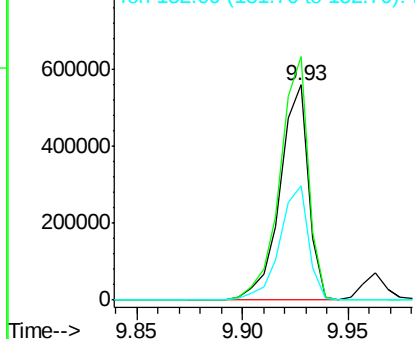


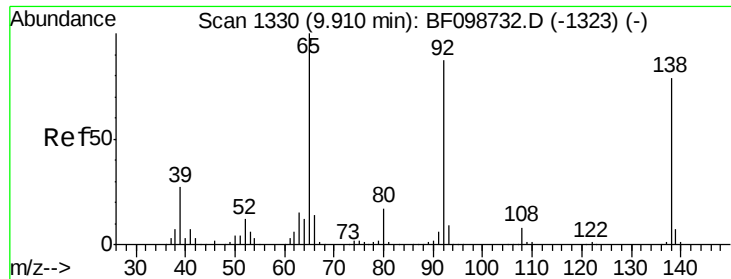
#51
 Acenaphthene
 Concen: 38.85 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF099353.D
 Acq: 11 Oct 2017 19:13

Tgt Ion:154 Resp: 529946
 Ion Ratio Lower Upper
 154 100
 153 113.1 91.2 136.8
 152 53.3 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: 32.32 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

Instrument :

BNA_F

ClientSampleId :

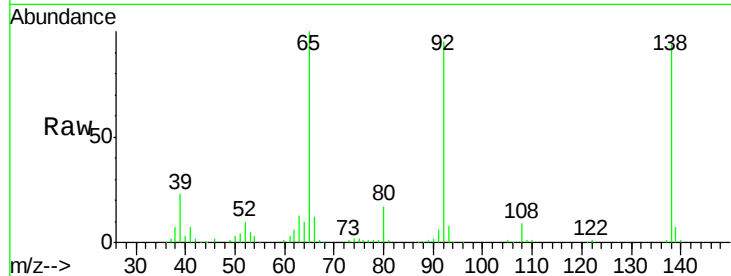
Tot Ion:138 Resp: 134974

Ion Ratio Lower Upper

138 100

108 9.6 9.4 14.0

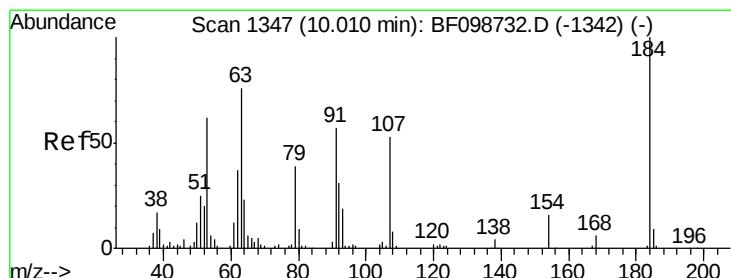
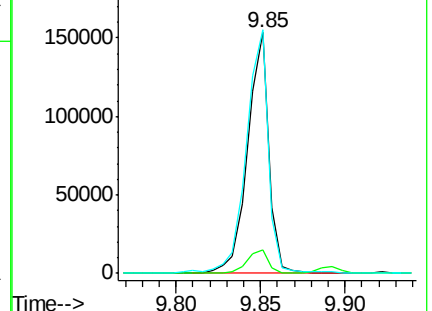
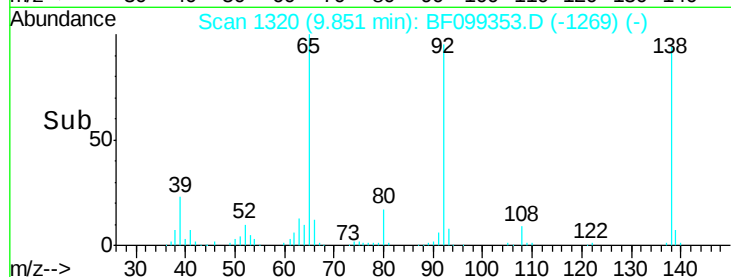
92 101.1 89.4 134.2



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: 54.27 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

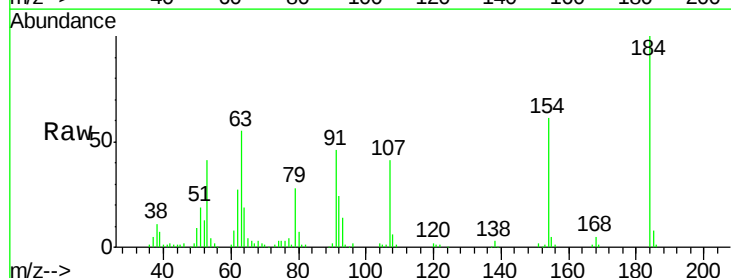
Tgt Ion:184 Resp: 97446

Ion Ratio Lower Upper

184 100

63 55.3 54.2 81.2

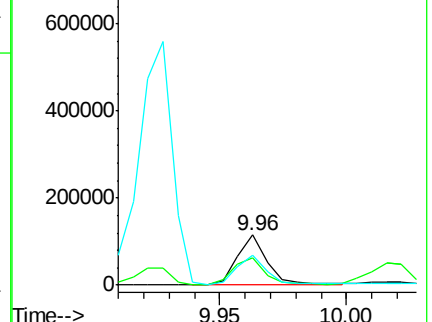
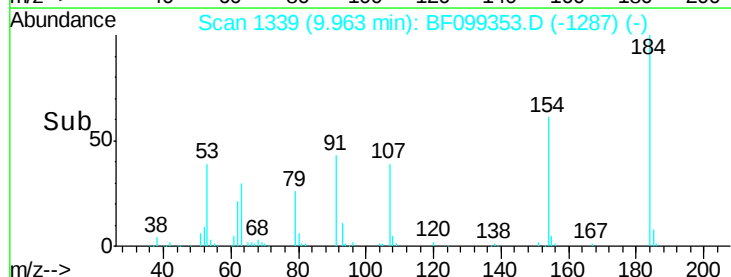
154 60.7 53.5 80.3

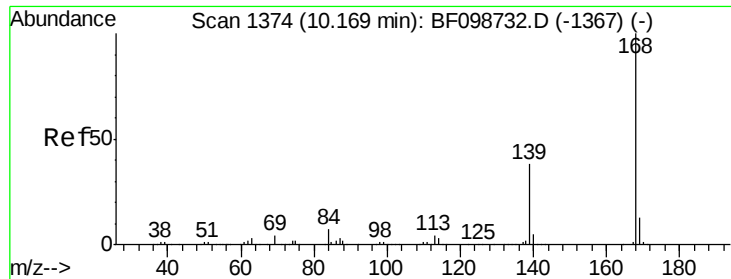


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

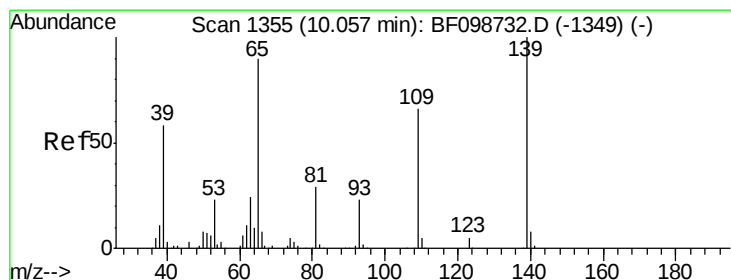
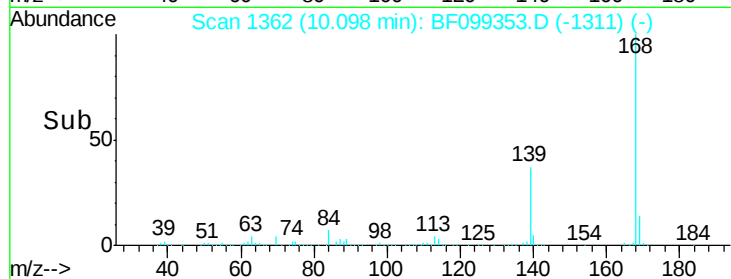
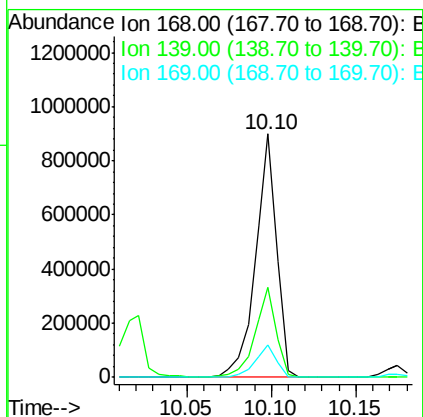
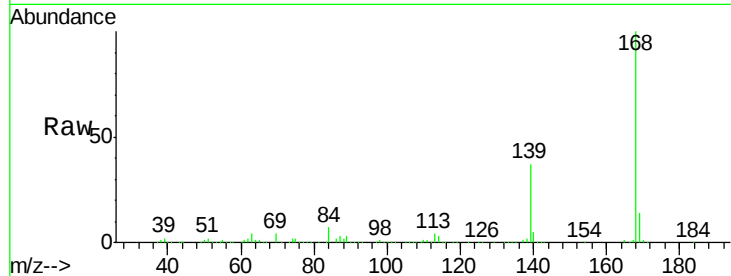




#54
Dibenzofuran
Concen: 43.07 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

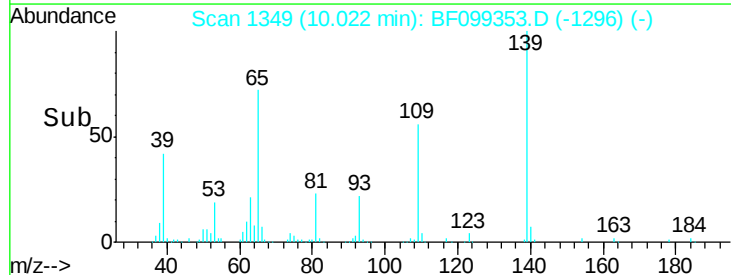
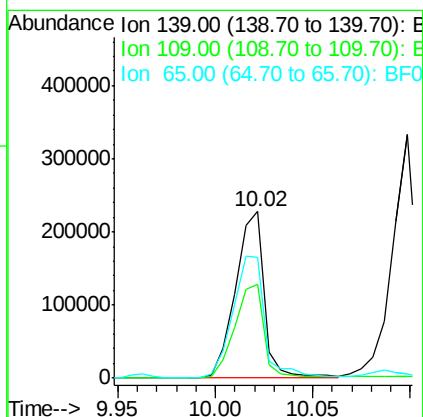
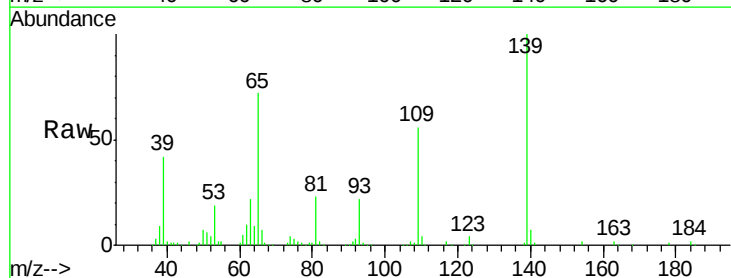
Instrument :
BNA_F
ClientSampled :

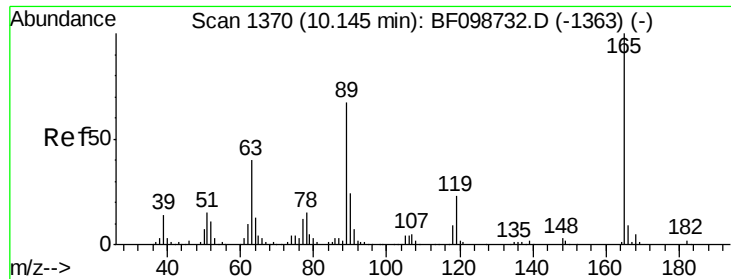
Tot Ion:168 Resp: 782328
Ion Ratio Lower Upper
168 100
139 37.0 30.1 45.1
169 13.6 10.9 16.3



#55
4-Nitrophenol
Concen: 66.42 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Tgt Ion:139 Resp: 234583
Ion Ratio Lower Upper
139 100
109 56.3 48.4 88.4
65 72.4 72.6 112.6#

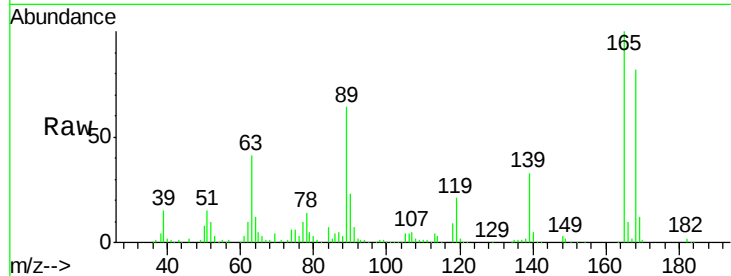




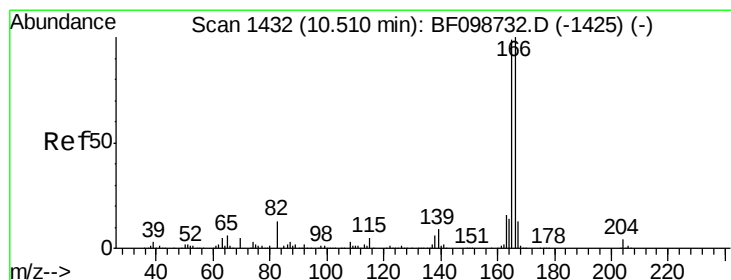
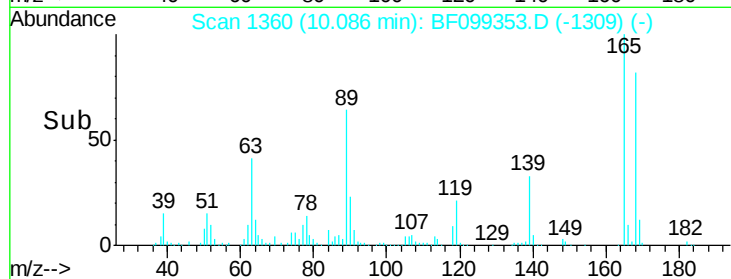
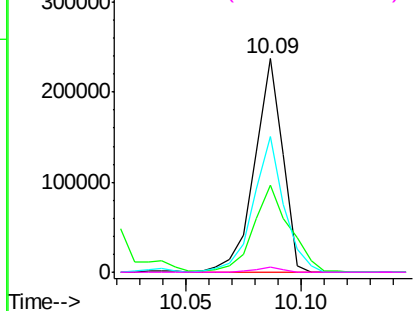
#56
2,4-Dinitrotoluene
Concen: 43.36 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	201596
Ion Ratio	Lower	Upper
165	100	
63	40.5	36.4 54.6
89	63.7	57.8 86.6
182	2.4	1.6 2.4#

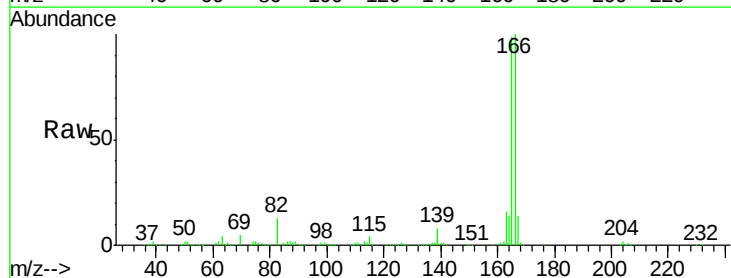


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

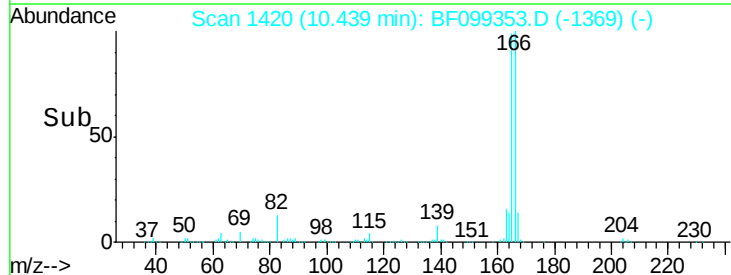
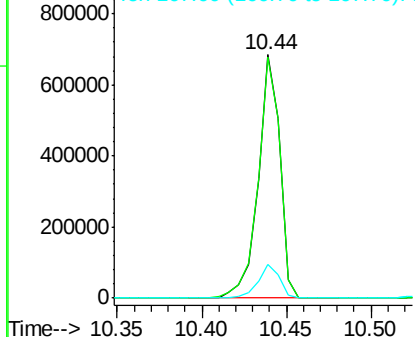


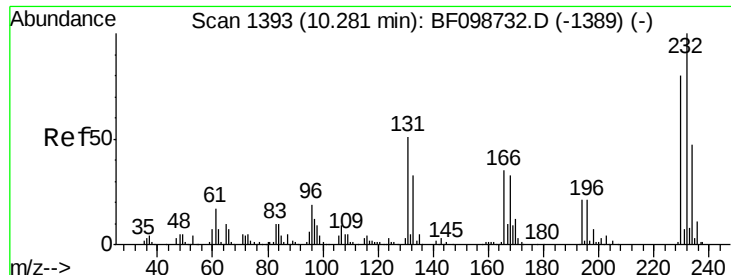
#57
Fluorene
Concen: 41.88 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Tgt Ion:166	Resp:	611359
Ion Ratio	Lower	Upper
166	100	
165	99.1	79.8 119.8
167	13.7	10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

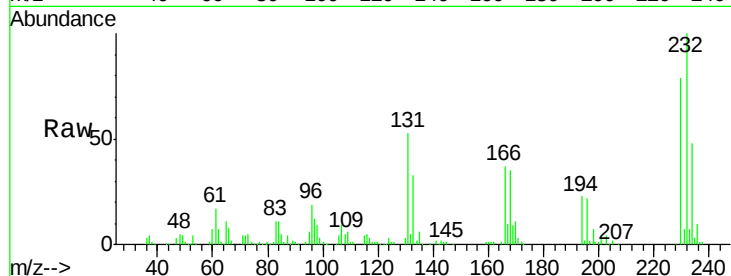




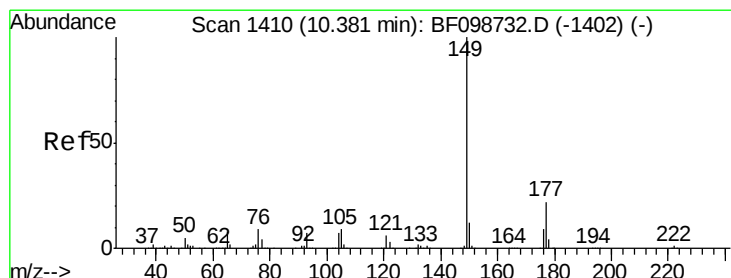
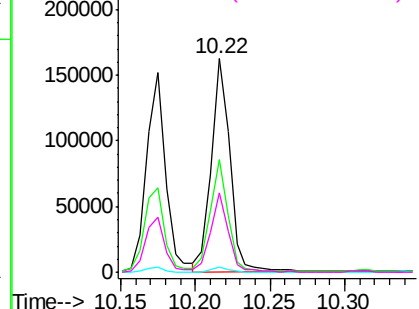
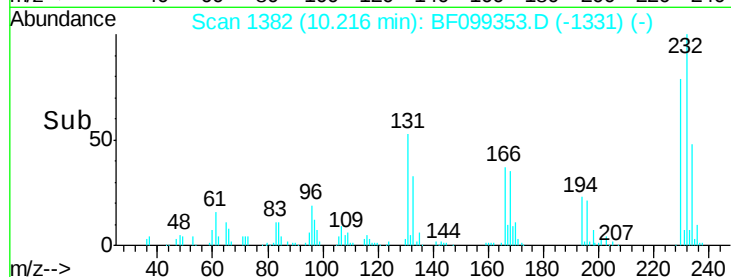
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.29 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BF099353.D
 Acq: 11 Oct 2017 19:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 140678
 Ion Ratio Lower Upper
 232 100
 131 50.8 43.8 65.8
 130 2.3 2.1 3.1
 166 35.8 27.8 41.6

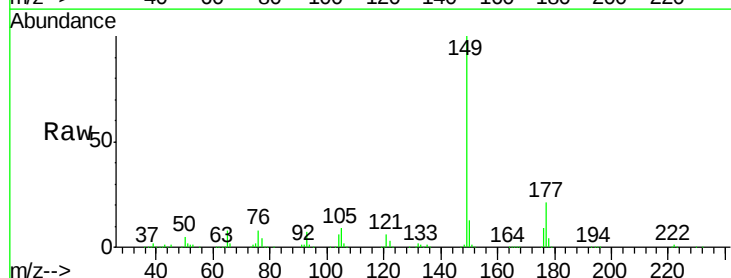


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

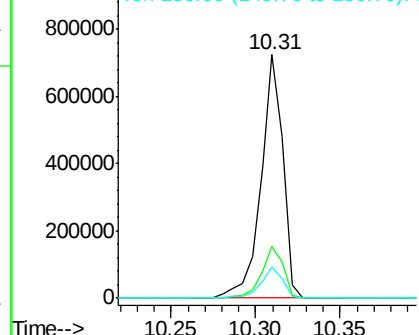
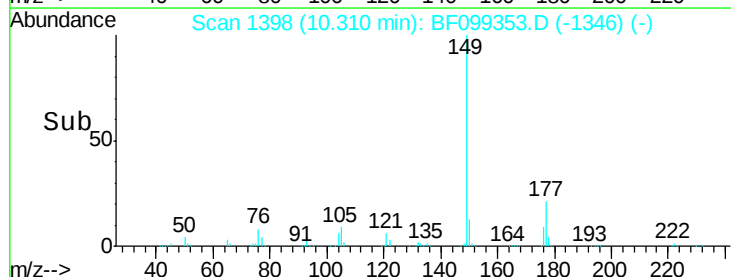


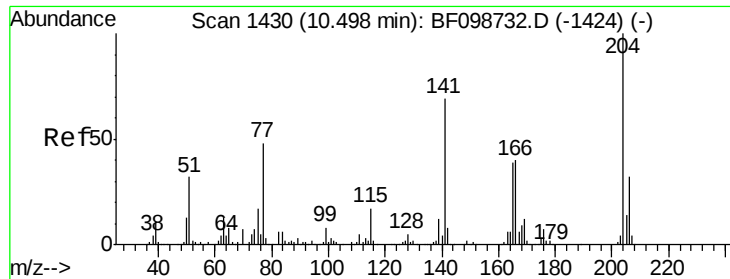
#59
 Diethylphthalate
 Concen: 40.46 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF099353.D
 Acq: 11 Oct 2017 19:13

Tgt Ion:149 Resp: 650470
 Ion Ratio Lower Upper
 149 100
 177 21.3 16.1 24.1
 150 12.6 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

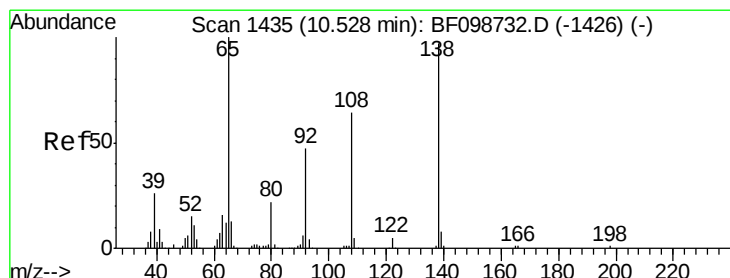
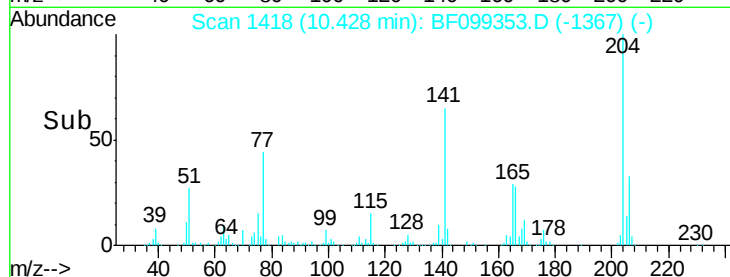
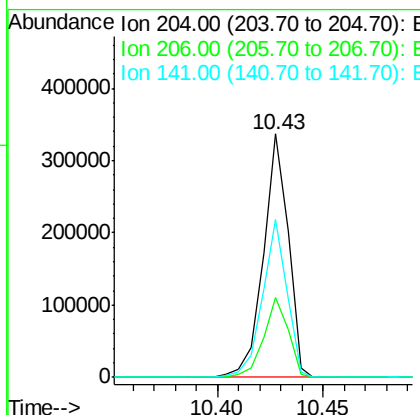
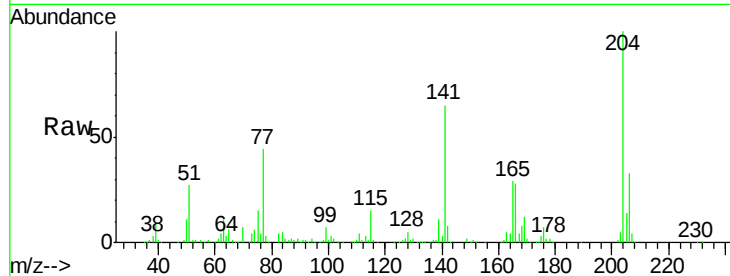




#60
4-Chlorophenyl-phenylether
Concen: 42.14 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

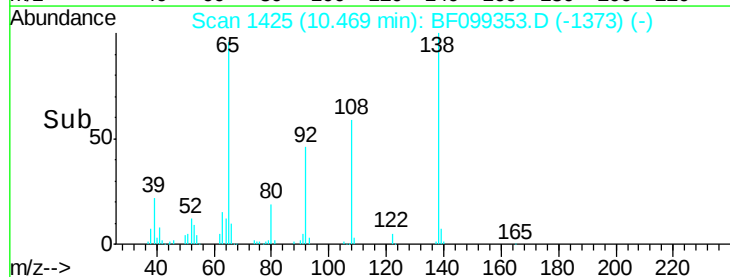
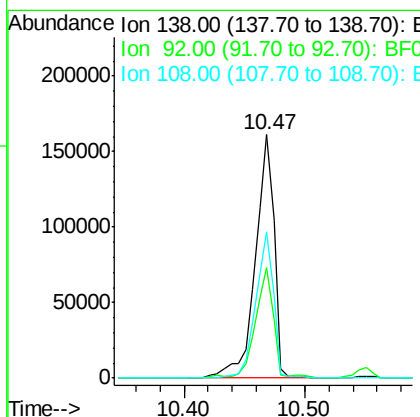
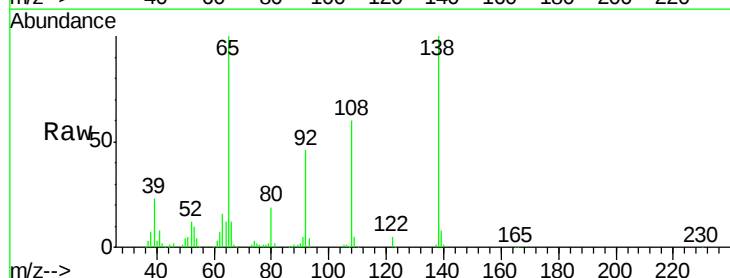
Instrument :
BNA_F
ClientSampleId :

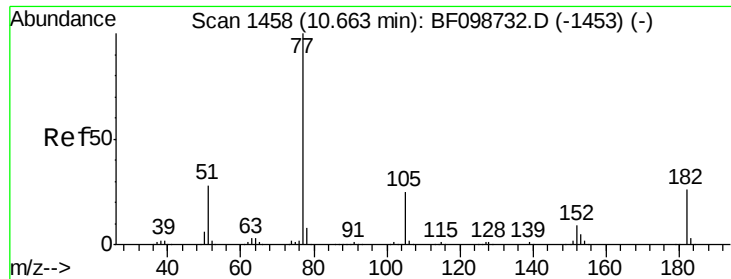
Tot Ion:204 Resp: 276365
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 64.8 54.6 81.8



#61
4-Nitroaniline
Concen: 43.65 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Tgt Ion:138 Resp: 175886
Ion Ratio Lower Upper
138 100
92 45.6 30.2 70.2
108 60.1 52.5 92.5

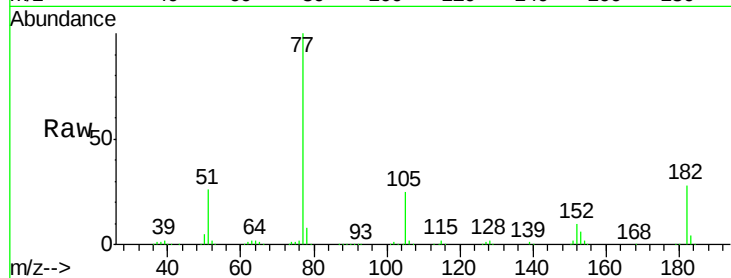




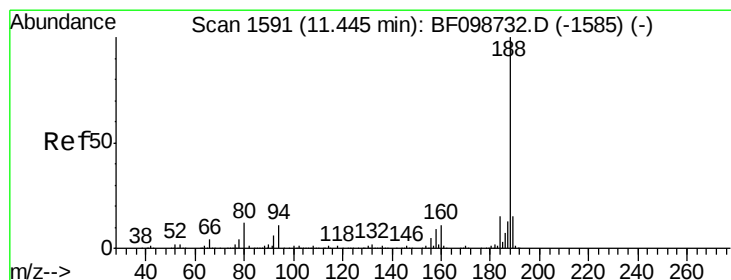
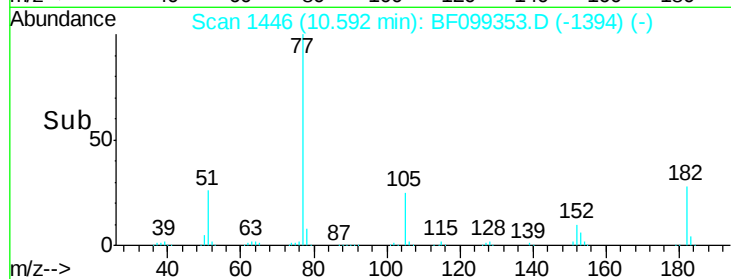
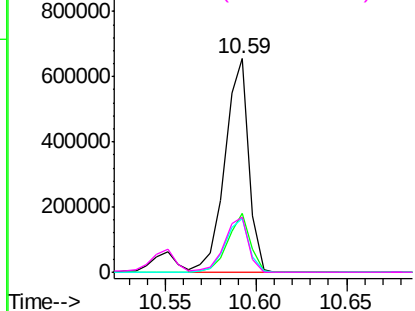
#62
Azobenzene
Concen: 40.48 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	598392
Ion	Ratio	Lower	Upper
77	100		
182	27.7	1.7	41.7
105	25.1	3.0	43.0
51	25.6	9.9	49.9

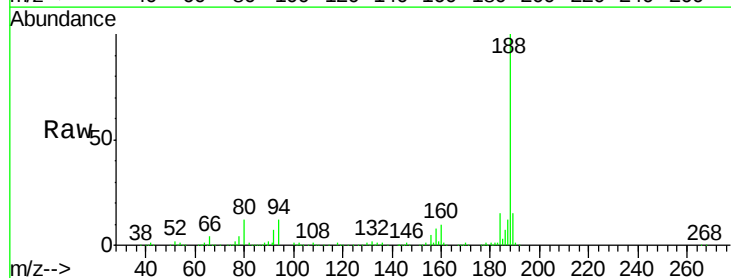


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

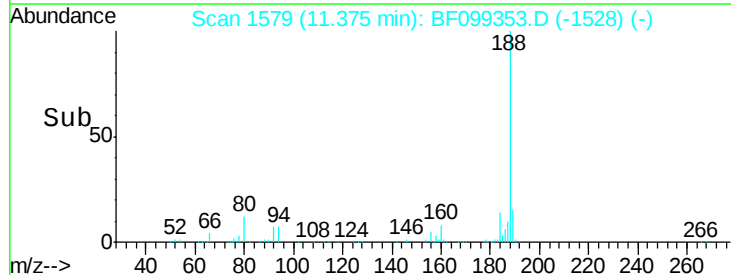
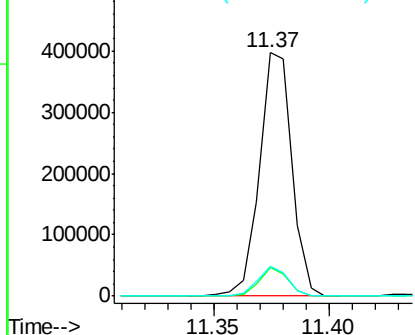


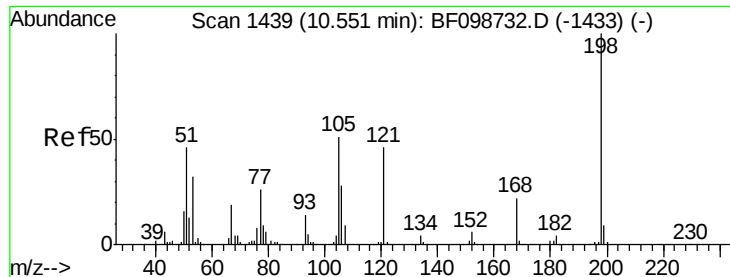
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Tgt Ion:	188	Resp:	388950
Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.2	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

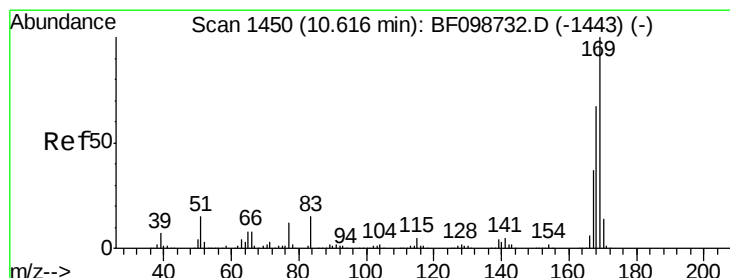
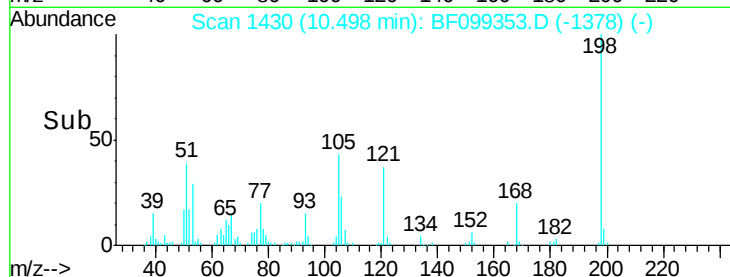
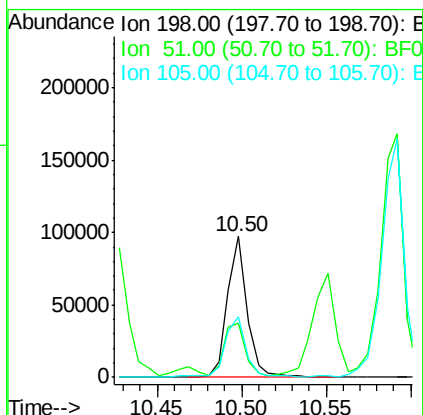
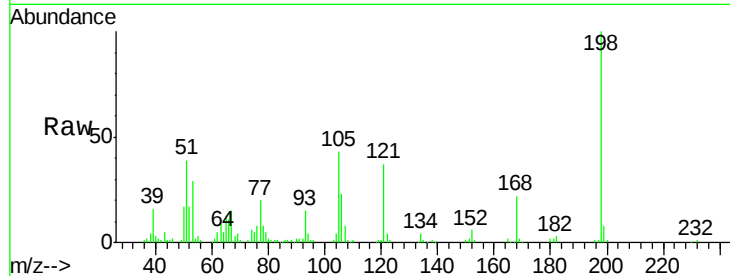




#64
4,6-Dinitro-2-methylphenol
Concen: 33.38 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

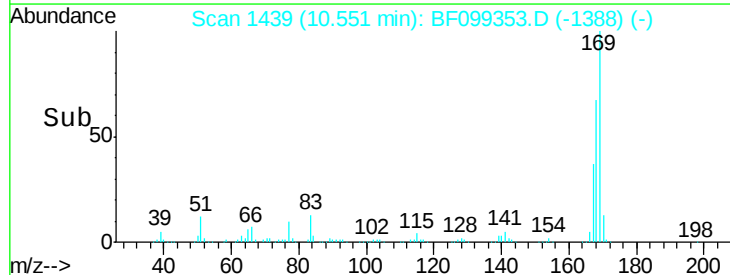
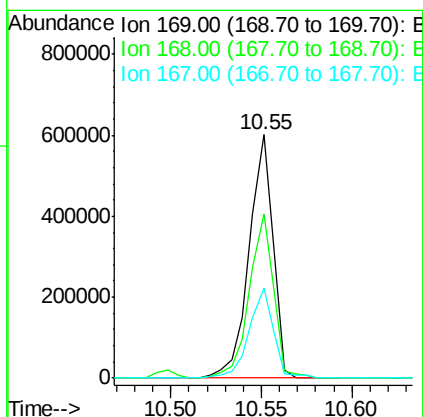
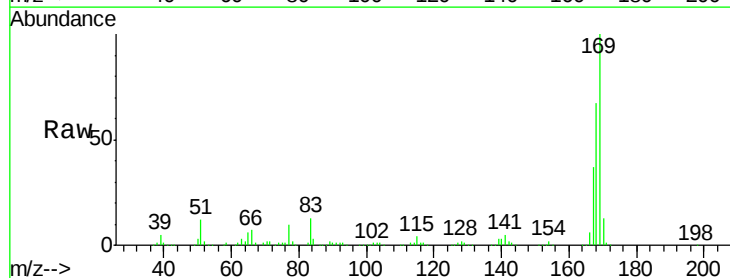
Instrument :
BNA_F
ClientSampleId :

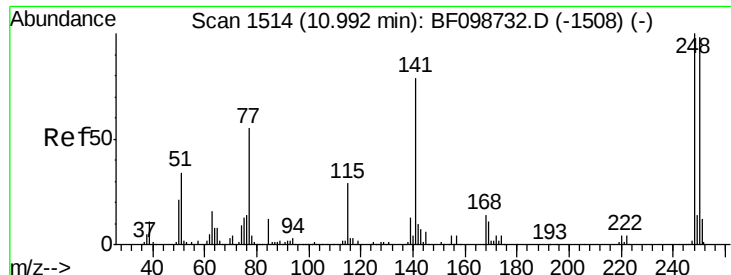
Tot Ion:198 Resp: 78982
Ion Ratio Lower Upper
198 100
51 38.5 37.7 77.7
105 42.9 36.3 76.3



#65
n-Nitrosodiphenylamine
Concen: 41.03 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Tgt Ion:169 Resp: 552897
Ion Ratio Lower Upper
169 100
168 67.5 54.4 81.6
167 37.2 29.8 44.6

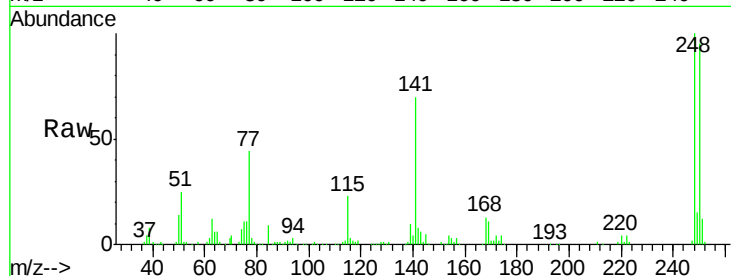




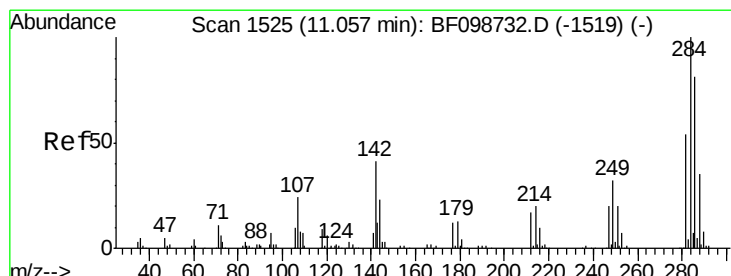
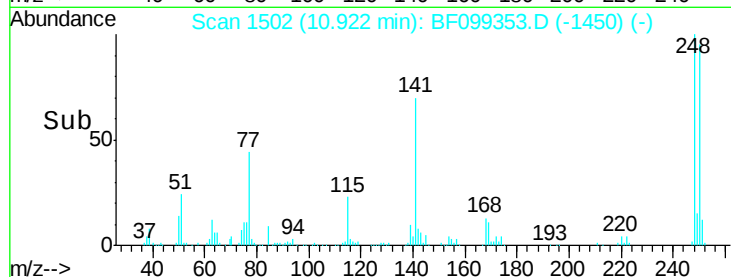
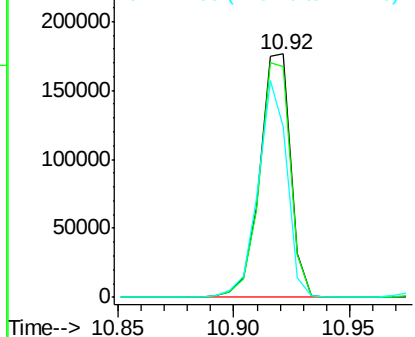
#66
4-Bromophenyl-phenylether
Concen: 43.41 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 165269
Ion Ratio Lower Upper
248 100
250 95.0 76.9 115.3
141 69.9 74.4 111.6#

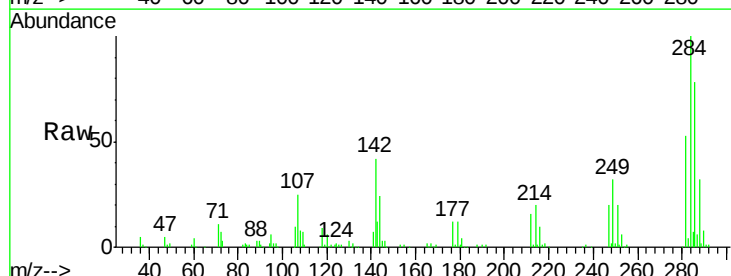


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

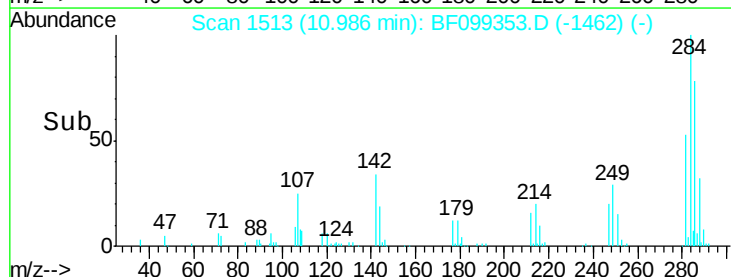
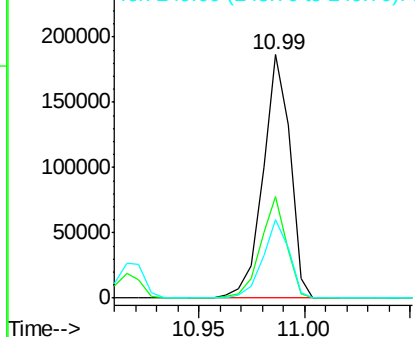


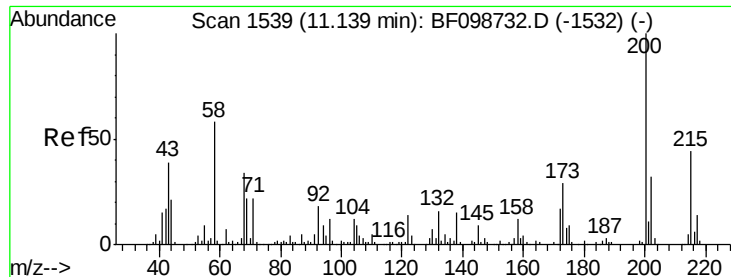
#67
Hexachlorobenzene
Concen: 40.78 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Tgt Ion:284 Resp: 165835
Ion Ratio Lower Upper
284 100
142 41.6 34.6 52.0
249 32.0 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

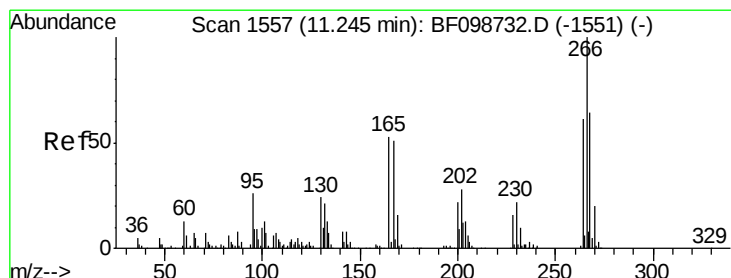
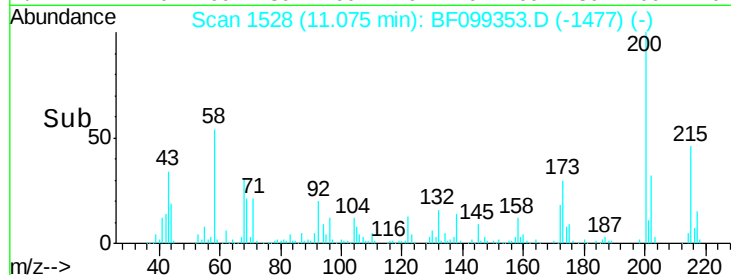
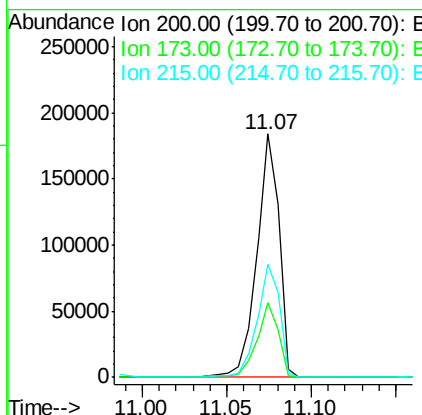
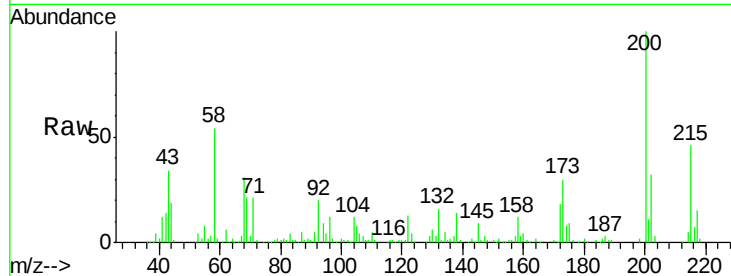




#68
Atrazine
Concen: 41.69 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

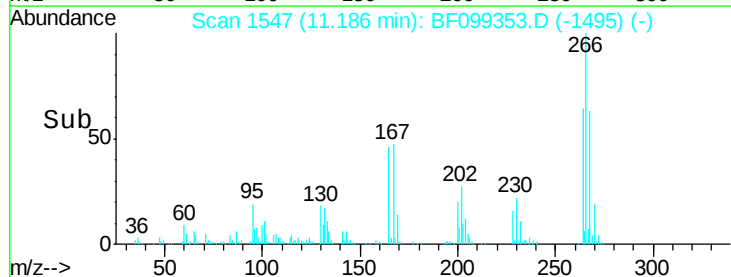
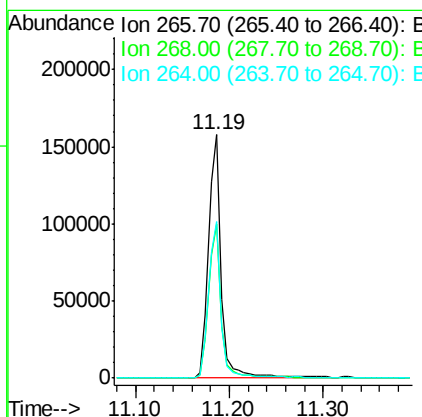
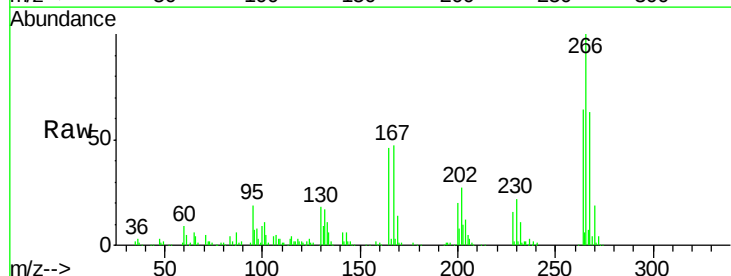
Instrument :
BNA_F
ClientSampled :

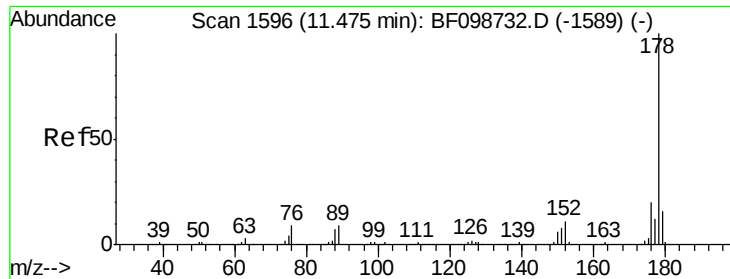
Tot Ion	Ratio	Lower	Upper
200	100		
173	30.5	8.6	48.6
215	46.4	25.1	65.1



#69
Pentachlorophenol
Concen: 60.08 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.01 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	64.1	49.5	74.3

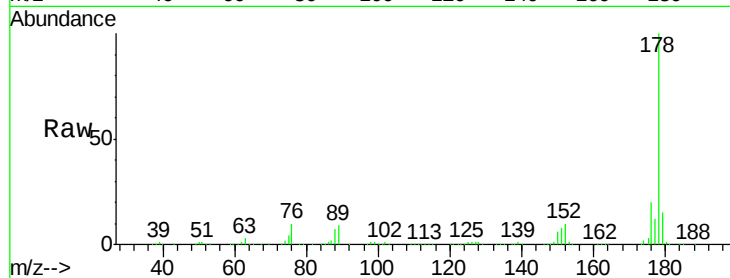




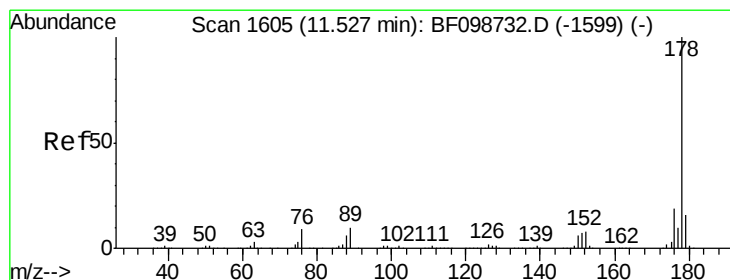
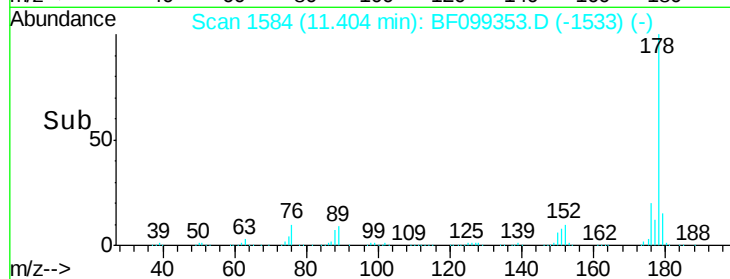
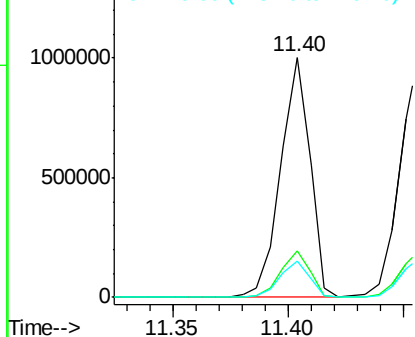
#70
Phenanthrene
Concen: 42.44 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 883541
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.4 13.0 19.6



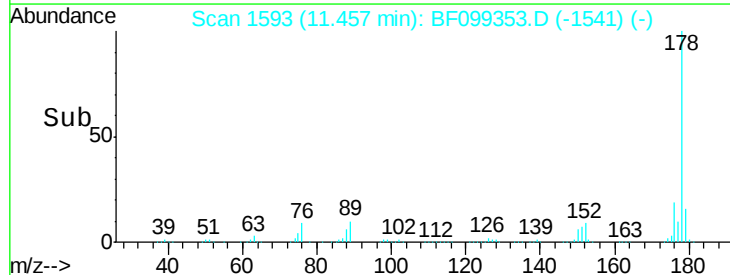
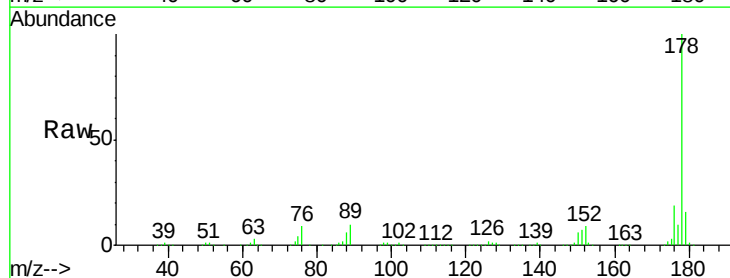
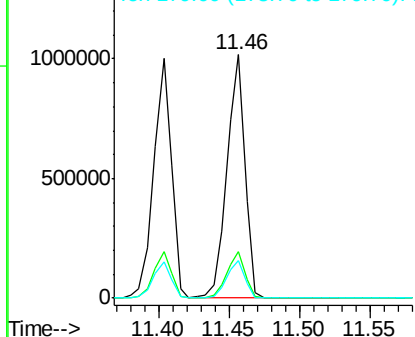
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

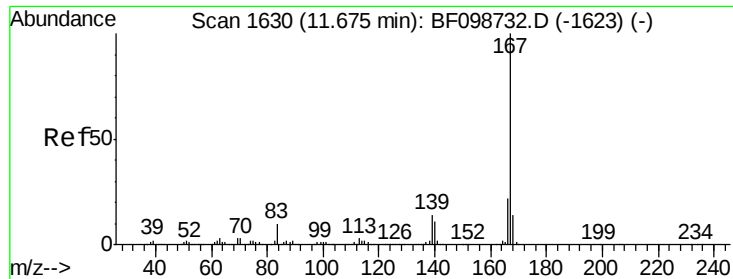


#71
Anthracene
Concen: 42.42 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.01 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Tgt Ion:178 Resp: 903593
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.6 12.6 19.0

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 40.57 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

Instrument :

BNA_F

ClientSampleId :

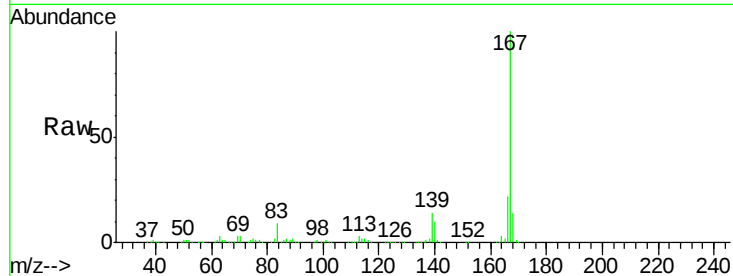
Tot Ion:167 Resp: 846376

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

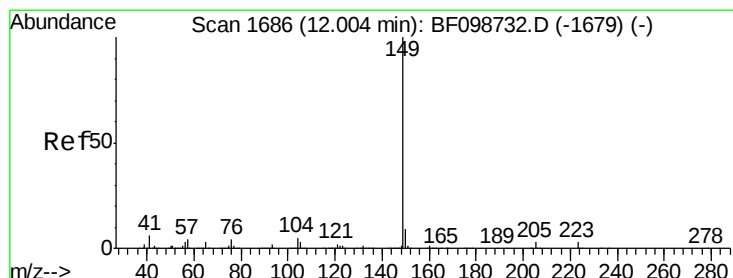
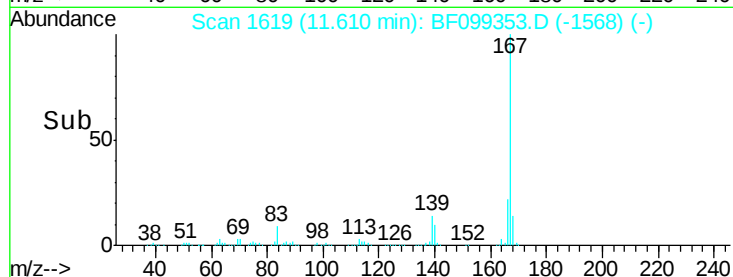
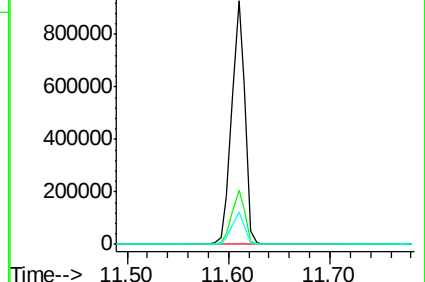
139 13.5 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 39.91 ng

RT: 11.93 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

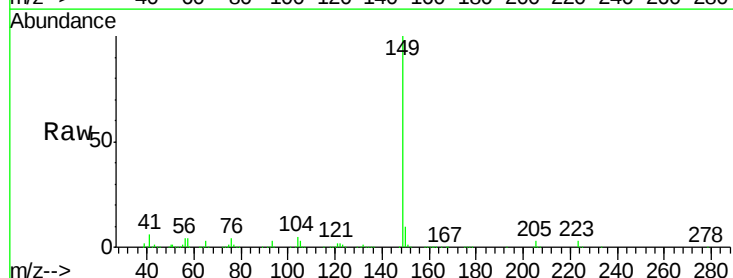
Tgt Ion:149 Resp: 1002217

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

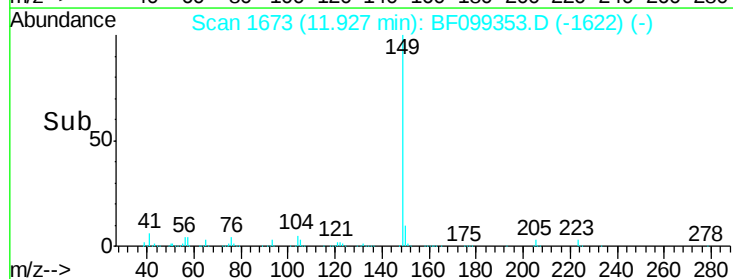
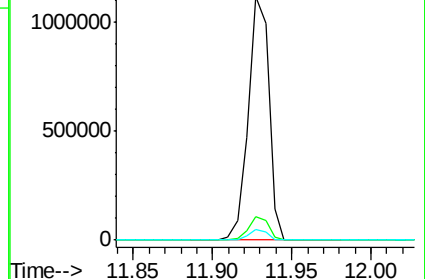
104 4.6 3.8 5.8

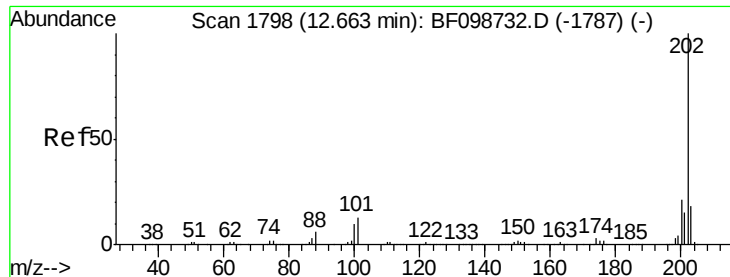


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

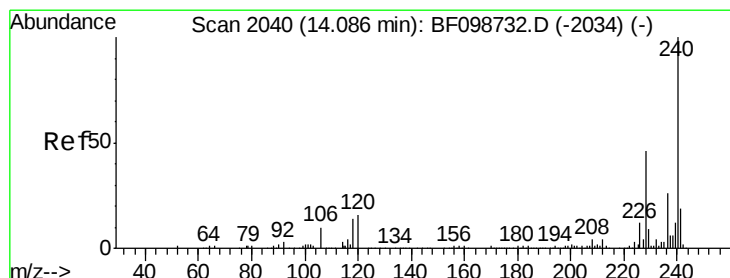
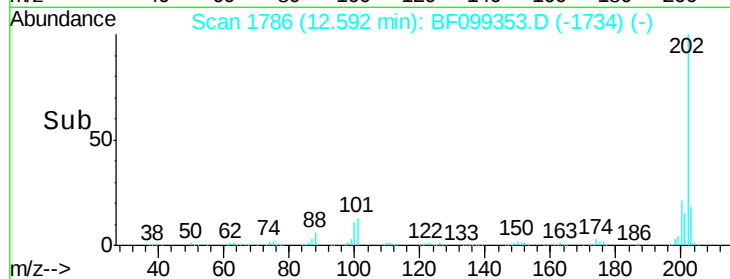
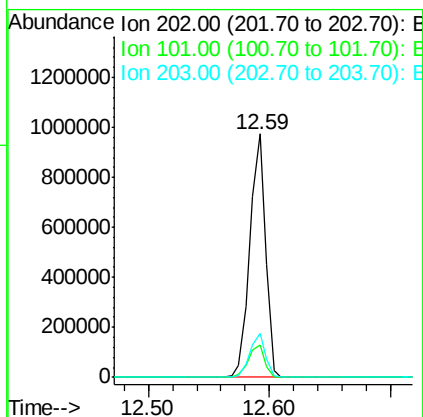
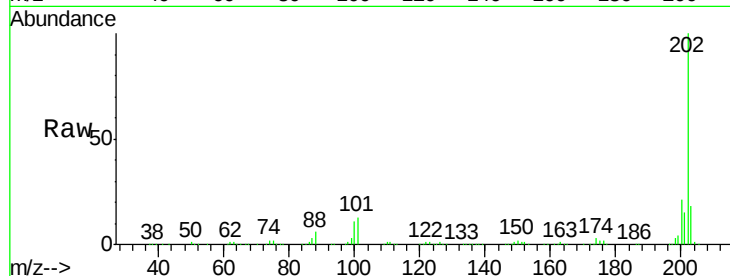




#74
 Fluoranthene
 Concen: 42.30 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. 0.01 min
 Lab File: BF099353.D
 Acq: 11 Oct 2017 19:13

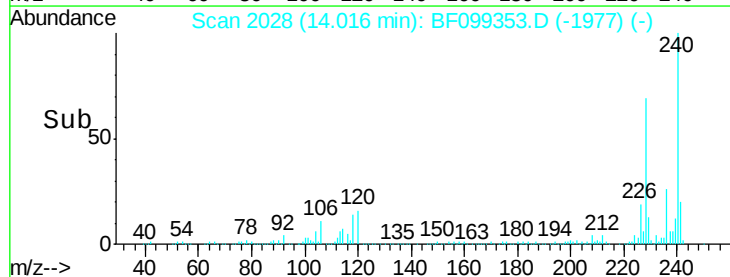
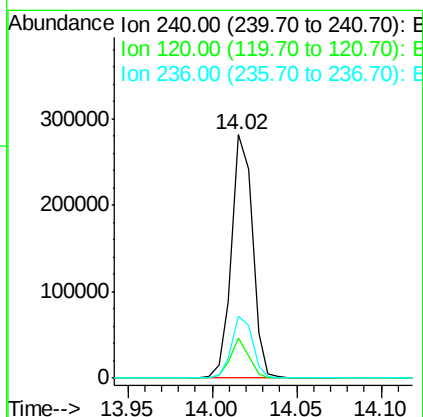
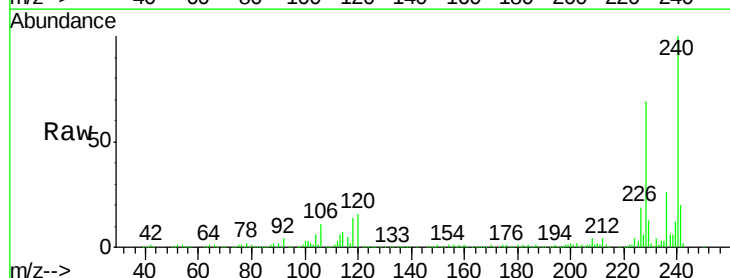
Instrument :
 BNA_F
 ClientSampleId :

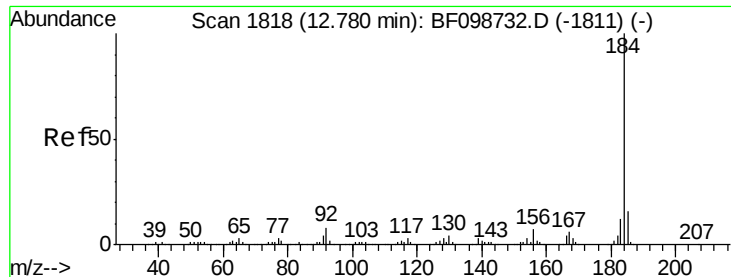
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	18.0	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF099353.D
 Acq: 11 Oct 2017 19:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.4	9.5	14.3#
236	25.6	20.7	31.1

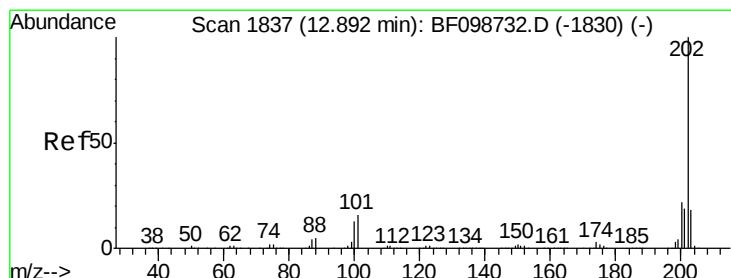
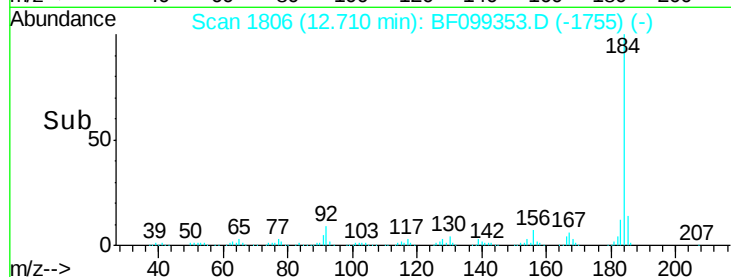
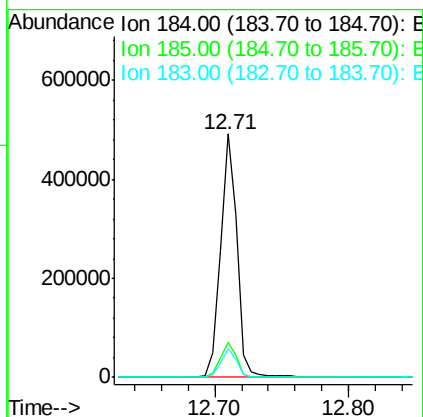
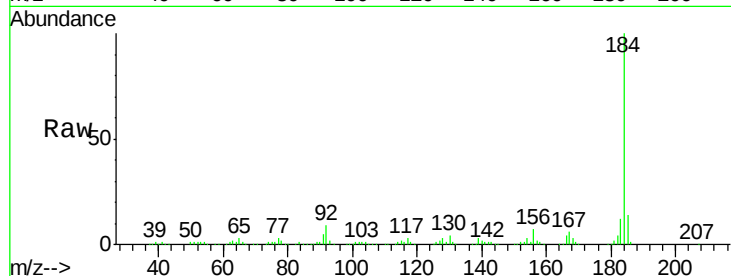




#76
Benzidine
Concen: 47.62 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

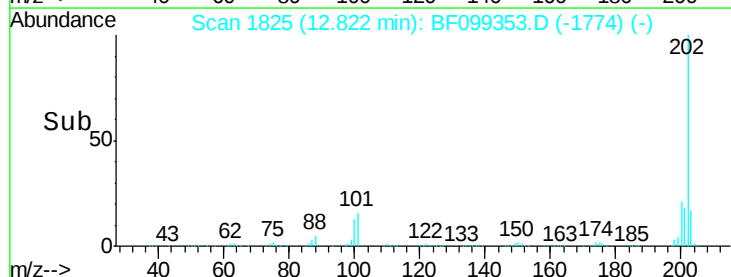
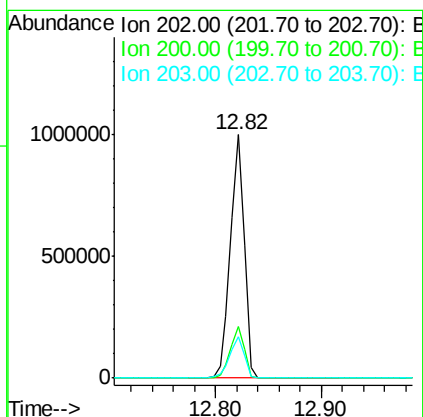
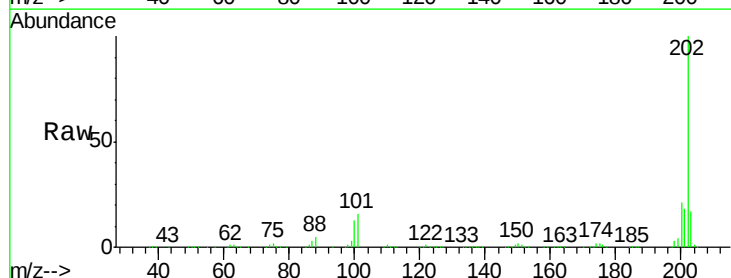
Instrument :
BNA_F
ClientSampleId :

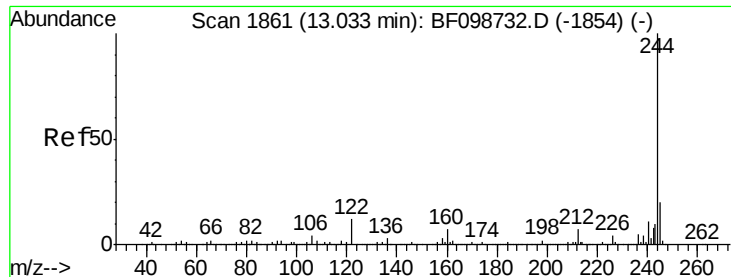
Tot Ion:184 Resp: 429322
Ion Ratio Lower Upper
184 100
185 14.2 12.6 18.8
183 12.0 9.3 13.9



#77
Pyrene
Concen: 48.82 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Tgt Ion:202 Resp: 907469
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.2 14.3 21.5

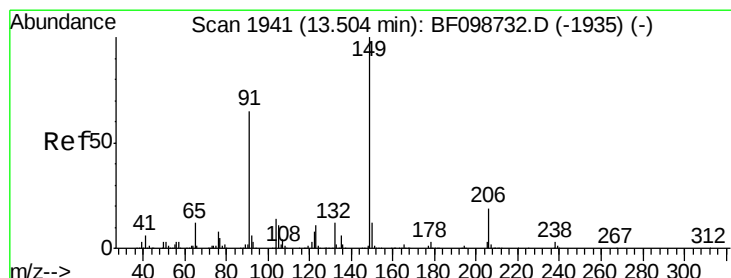
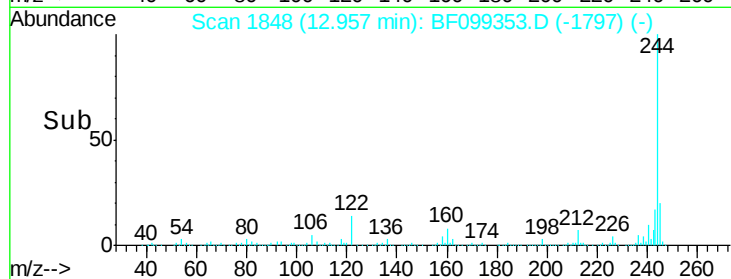
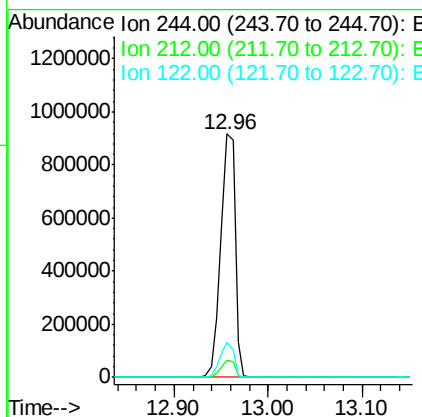
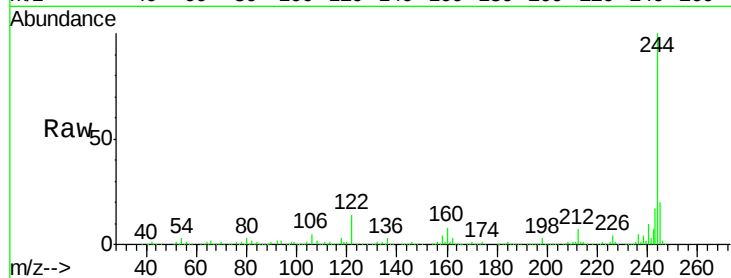




#78
 Terphenyl-d14
 Concen: 92.60 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BF099353.D
 Acq: 11 Oct 2017 19:13

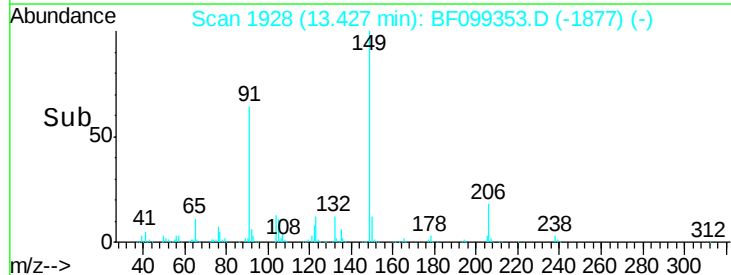
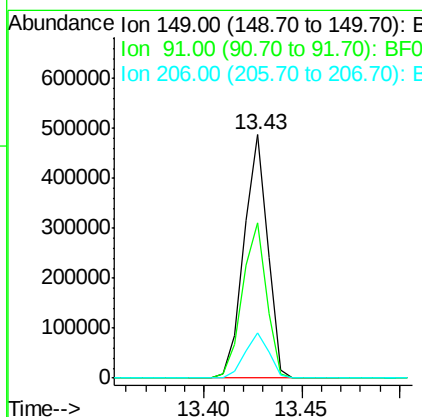
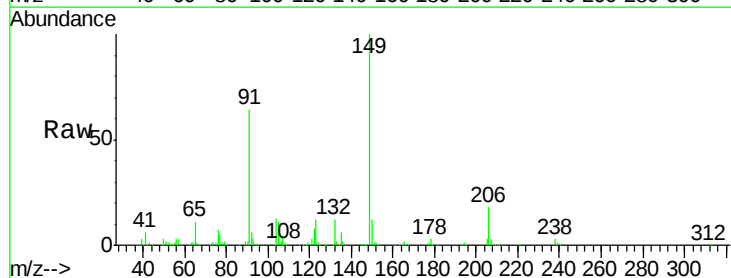
Instrument :
 BNA_F
 ClientSampleId :

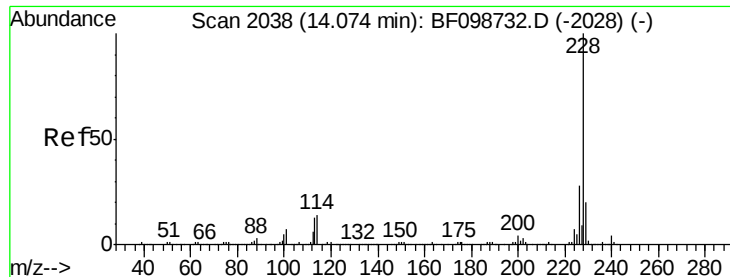
Tot Ion:244 Resp: 992528
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.2 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 46.91 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. 0.00 min
 Lab File: BF099353.D
 Acq: 11 Oct 2017 19:13

Tgt Ion:149 Resp: 409771
 Ion Ratio Lower Upper
 149 100
 91 63.8 56.8 85.2
 206 18.4 14.1 21.1





#80

Benzo(a)anthracene

Concen: 44.11 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

Instrument :

BNA_F

ClientSampleId :

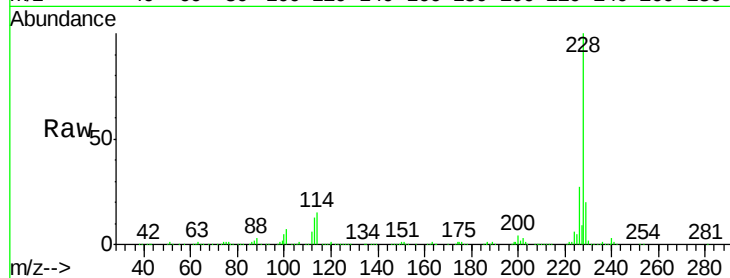
Tot Ion:228 Resp: 651033

Ion Ratio Lower Upper

228 100

226 27.2 22.6 33.8

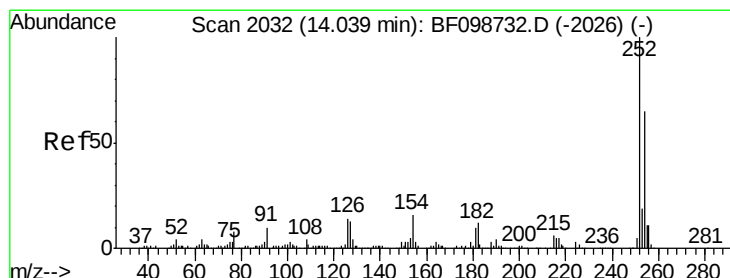
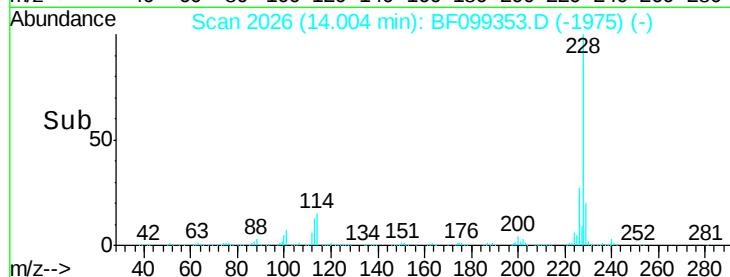
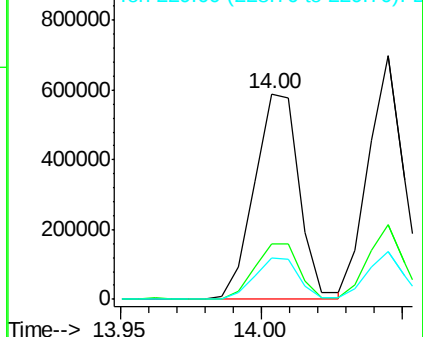
229 20.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 26.65 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

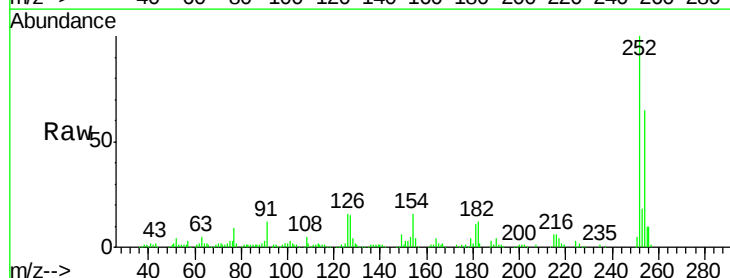
Tgt Ion:252 Resp: 144214

Ion Ratio Lower Upper

252 100

254 65.4 50.4 75.6

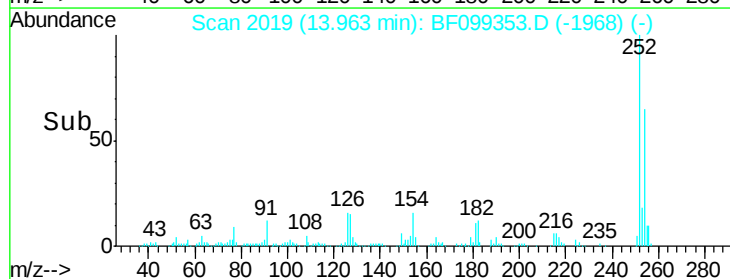
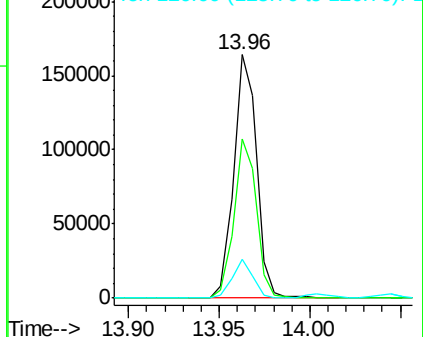
126 15.9 11.3 16.9

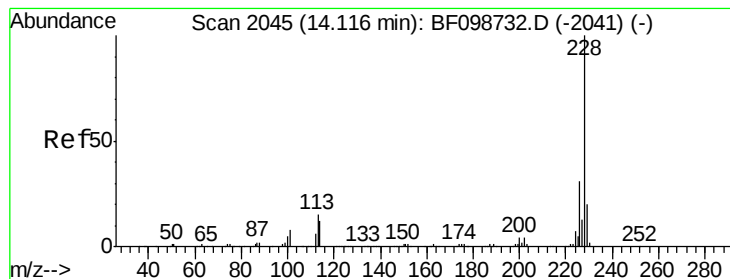


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrvsene

Concen: 42.42 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

Instrument :

BNA_F

ClientSampleId :

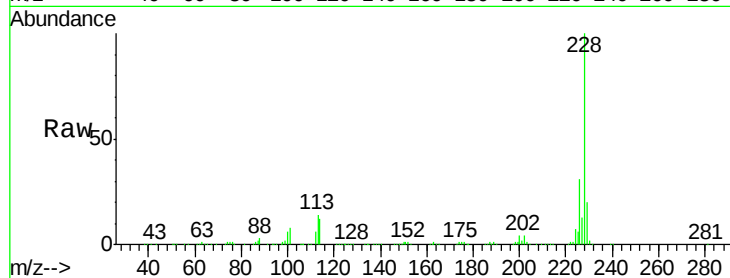
Tot Ion:228 Resp: 596121

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

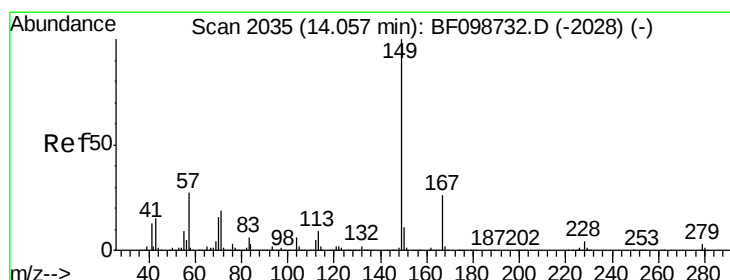
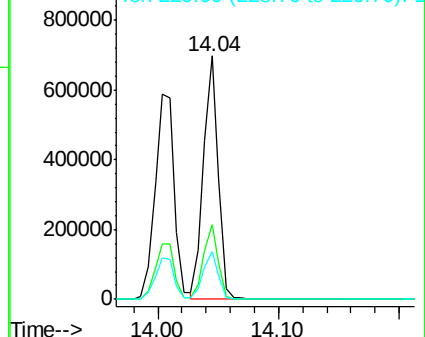
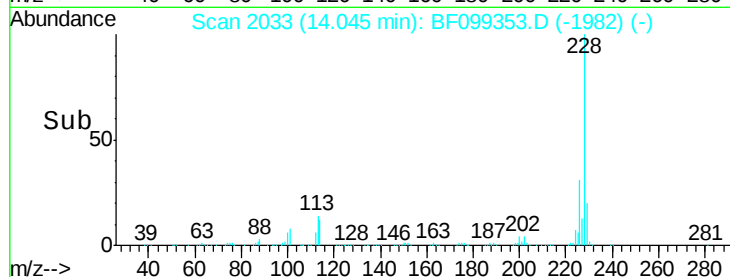
229 19.8 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.35 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

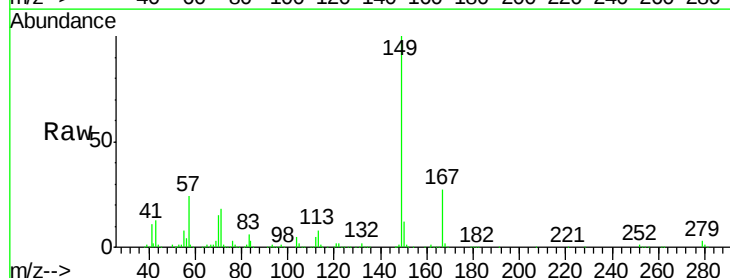
Tgt Ion:149 Resp: 533474

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

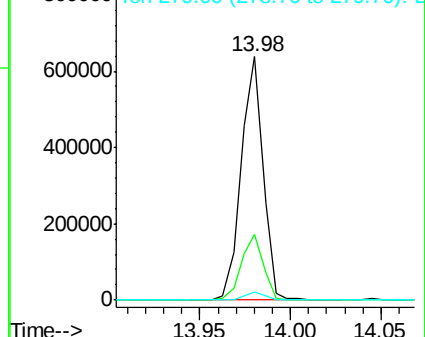
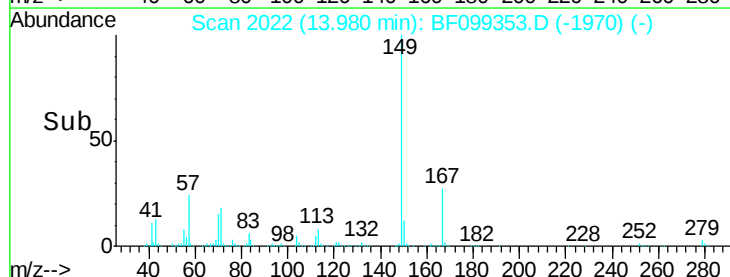
279 3.2 3.0 4.4

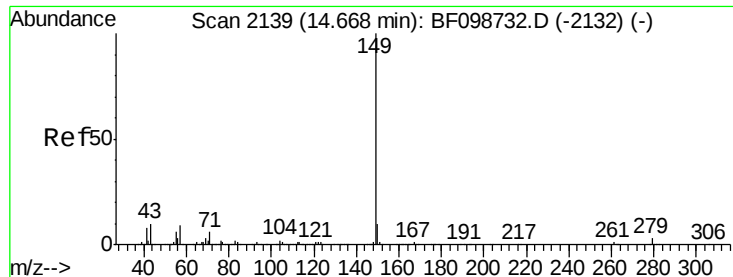


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

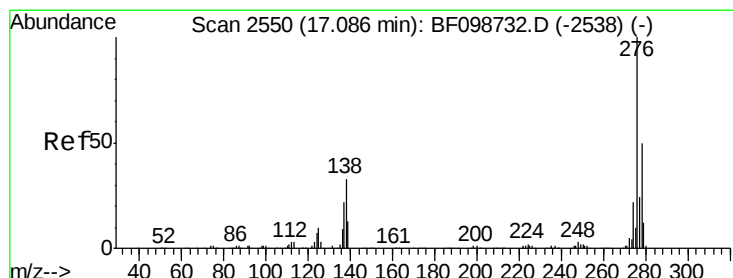
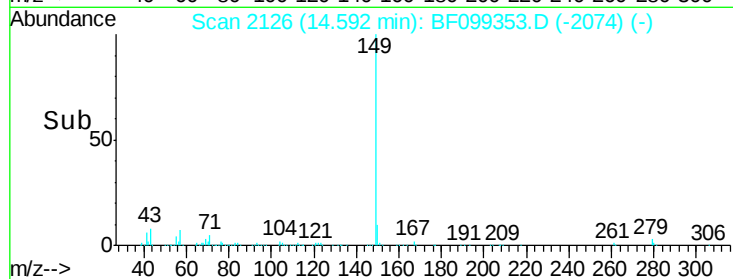
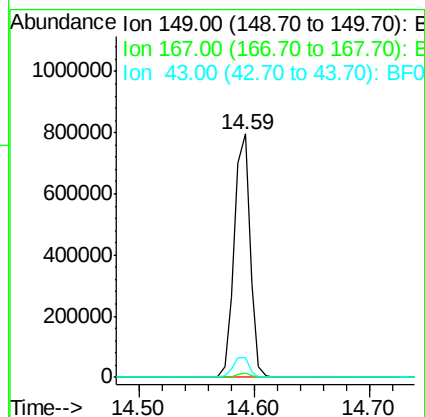
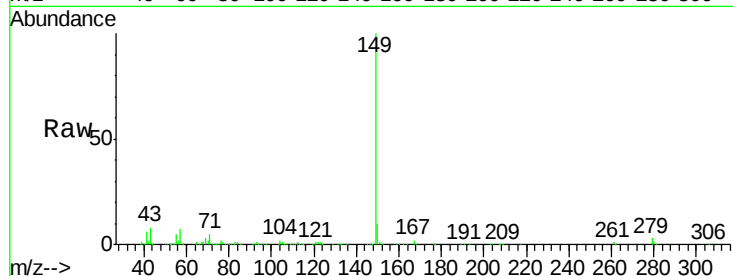




#84
Di-n-octyl phthalate
Concen: 39.23 ng
RT: 14.59 min Scan# 2126
Delta R.T. 0.01 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

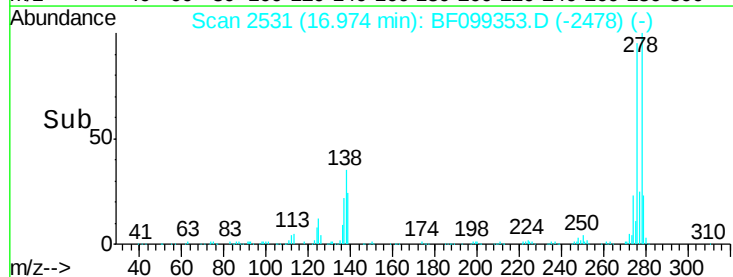
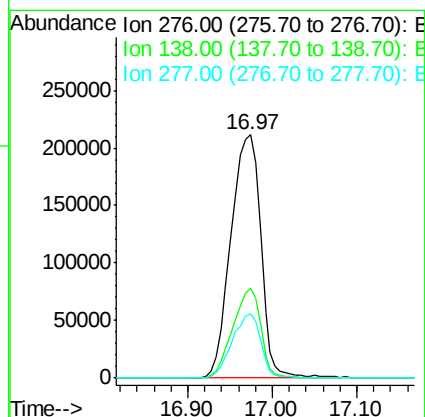
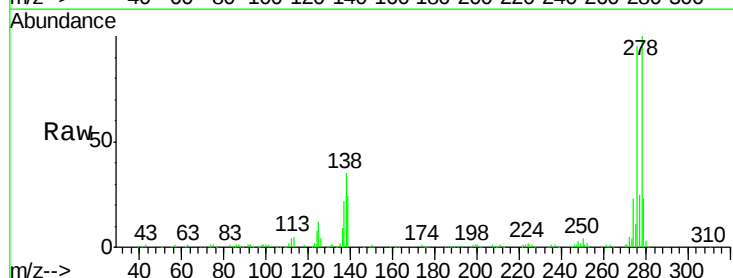
Instrument :
BNA_F
ClientSampleId :

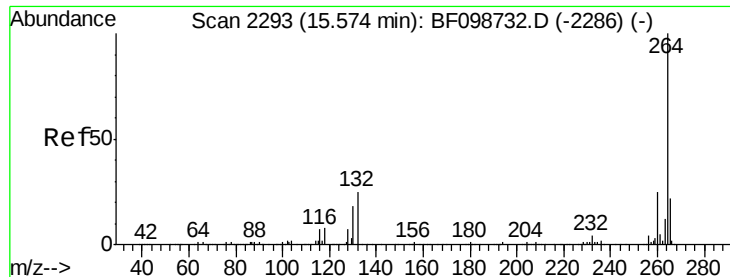
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.5	8.4	12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 46.07 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.8	25.0	37.6
277	25.2	20.1	30.1

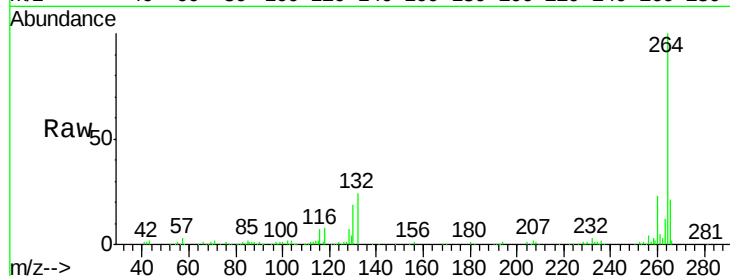




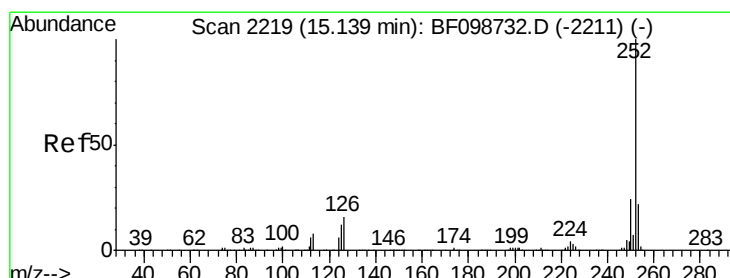
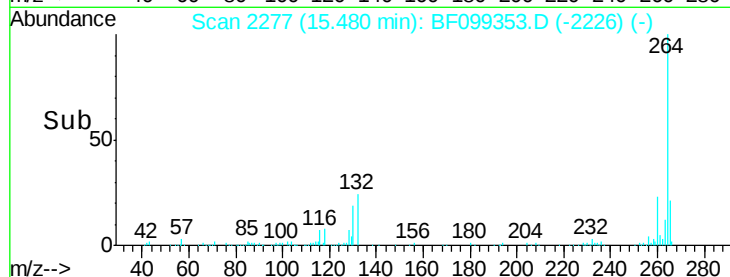
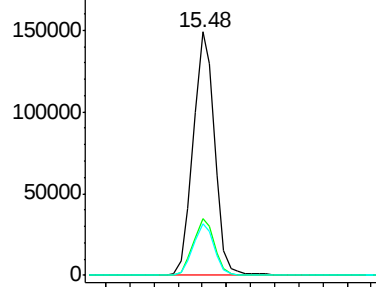
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 182873
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 21.3 17.5 26.3

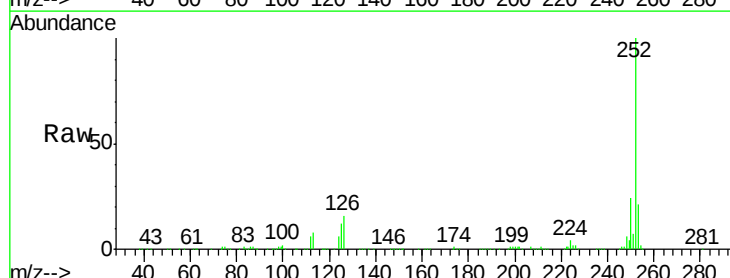


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

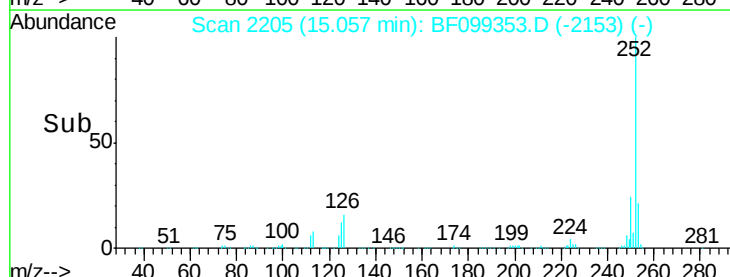
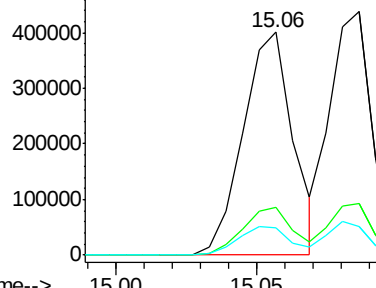


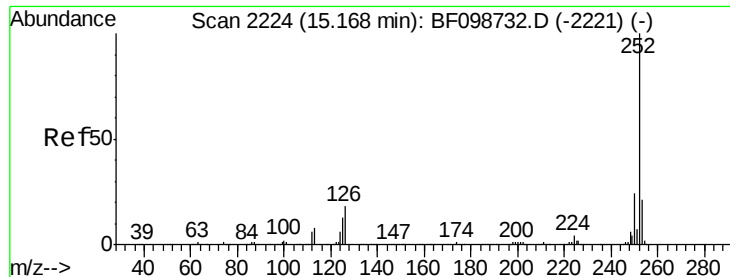
#87
Benzo(b)fluoranthene
Concen: 43.80 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Tgt Ion:252 Resp: 492489
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 12.1 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

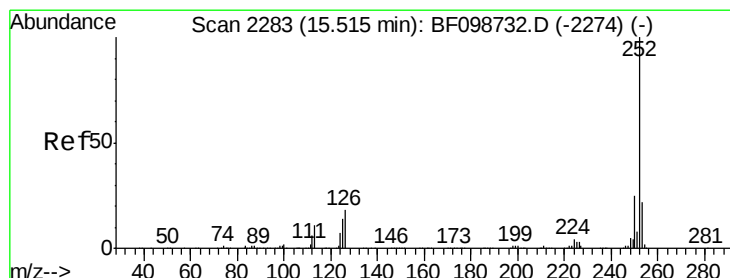
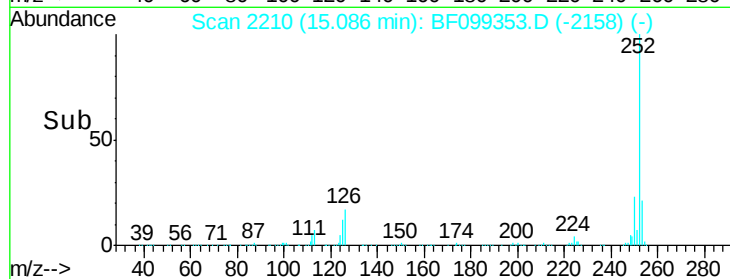
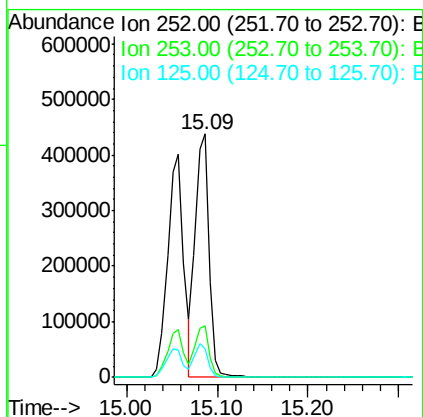
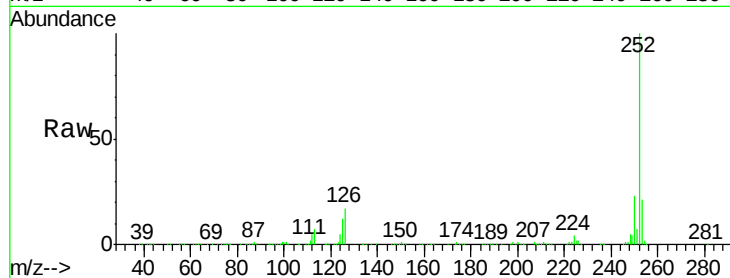




#88
Benzo(k)fluoranthene
Concen: 41.40 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

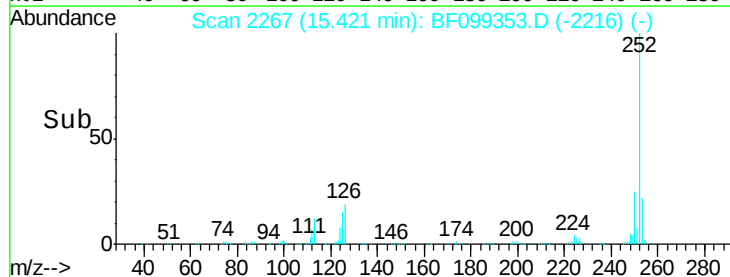
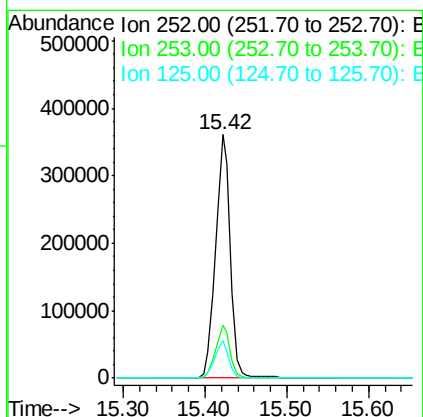
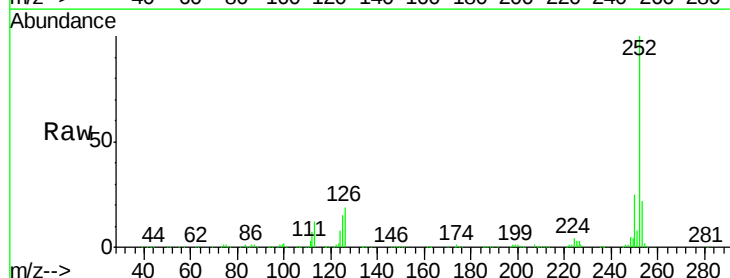
Instrument :
BNA_F
ClientSampled :

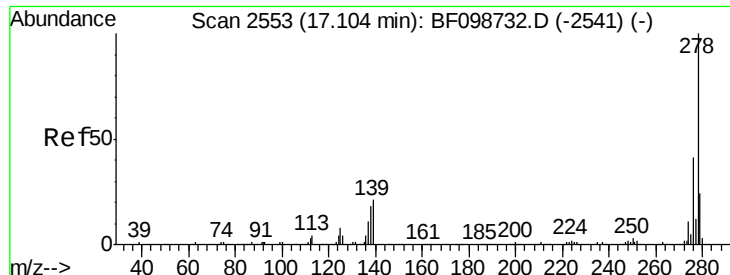
Tot Ion:252 Resp: 459731
Ion Ratio Lower Upper
252 100
253 21.3 17.9 26.9
125 11.7 10.2 15.2



#89
Benzo(a)pyrene
Concen: 44.02 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF099353.D
Acq: 11 Oct 2017 19:13

Tgt Ion:252 Resp: 454318
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 15.2 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 52.20 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.01 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

Instrument :

BNA_F

ClientSampleId :

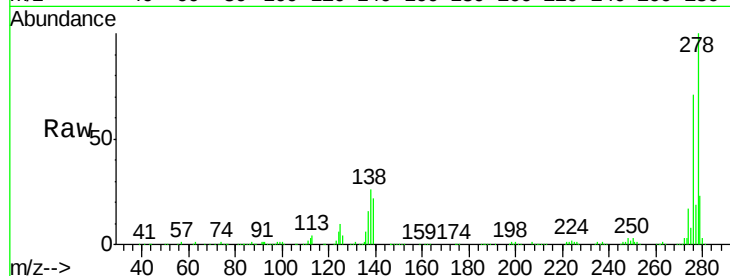
Tot Ion:278 Resp: 431146

Ion Ratio Lower Upper

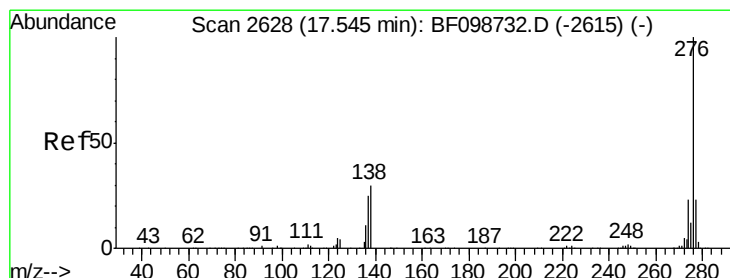
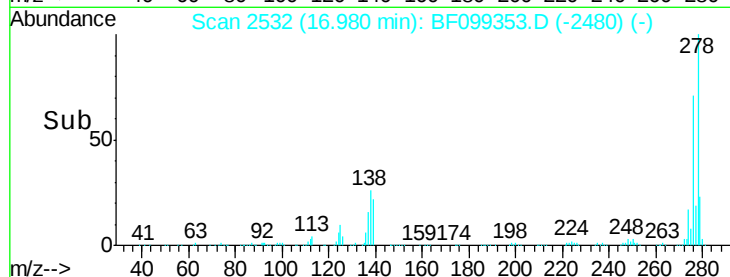
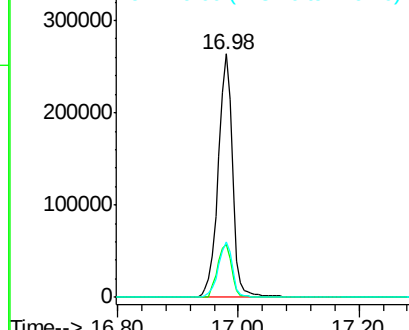
278 100

139 21.9 15.9 23.9

279 22.8 19.0 28.4



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



#91

Benzo(g,h,i)perylene

Concen: 56.11 ng

RT: 17.42 min Scan# 2607

Delta R.T. 0.01 min

Lab File: BF099353.D

Acq: 11 Oct 2017 19:13

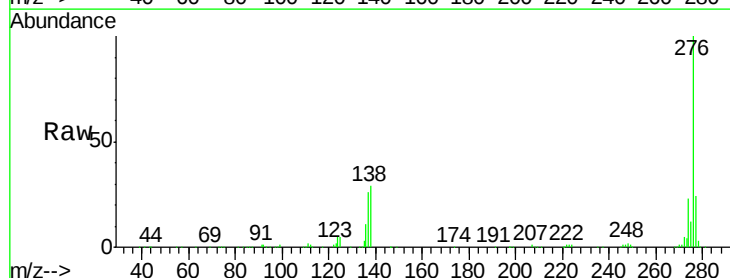
Tgt Ion:276 Resp: 458148

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 28.8 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

